

BOBALAB x LMWN

2/25/2026 update

Was missing 7/13 data because of issues with datetime inequality in my code

-> resolved by converting to datetime objects

->verified now have 7/13 data + most orders are present

->mismatch between # rows when merging rider tiers is because of presence of more cities (beyond 30 cities) in data that we don't have rider info for

->reran all algorithms + uploaded to drive

-> also merged region group (swing/win/lose) + updated incentives names in the following folders:

->./progress_metrics/results_updated_2 (all incentives_progress data)

->

./progress_metircs/daily_guarantee/daily_gaurantee_results_2

->has all the order level data w/ metrics (e.g minutes per order, total minutes worked, # orders completed, etc. for analysis)

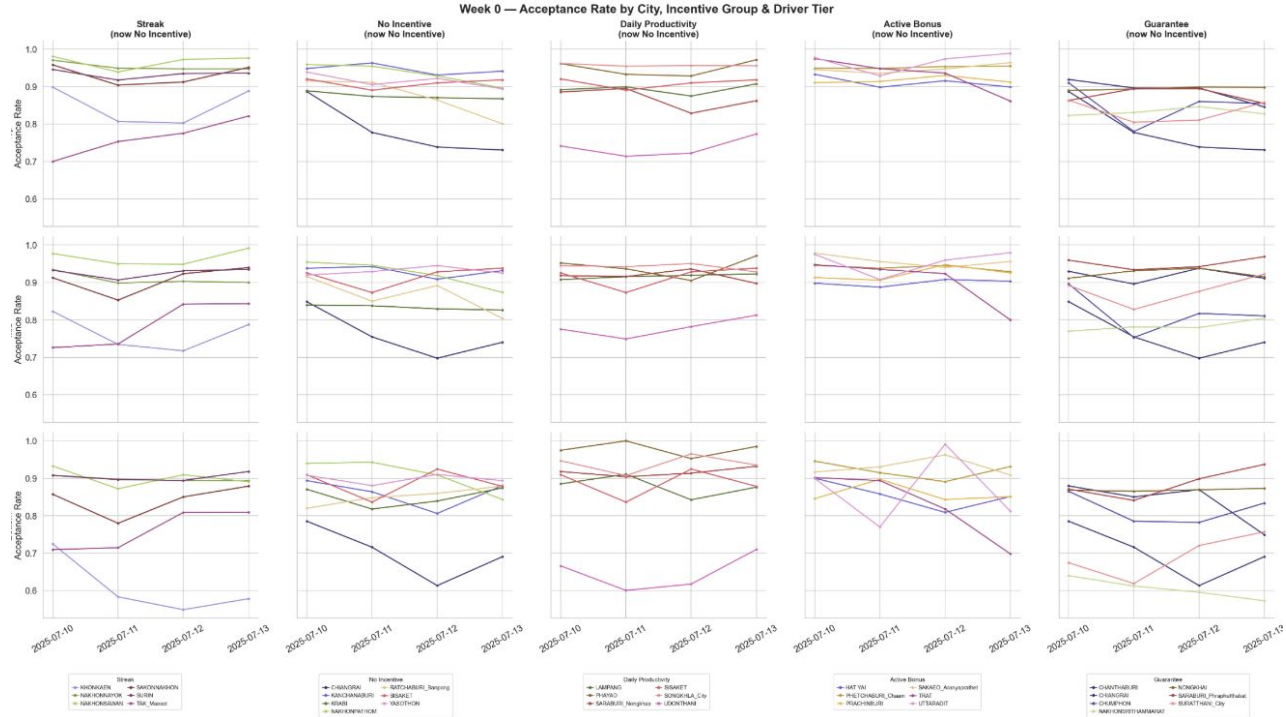
```
[1/12] Processing: merged_0710-0713.csv
-----
In df but not drivers: 18
In drivers but not df: 0

[2/12] Processing: merged_0714-0716.csv
-----
In df but not drivers: 18
In drivers but not df: 0

[3/12] Processing: merged_0717-0720.csv
-----
...
[12/12] Processing: merged_0826-0829.csv
-----
In df but not drivers: 12
In drivers but not df: 0
```

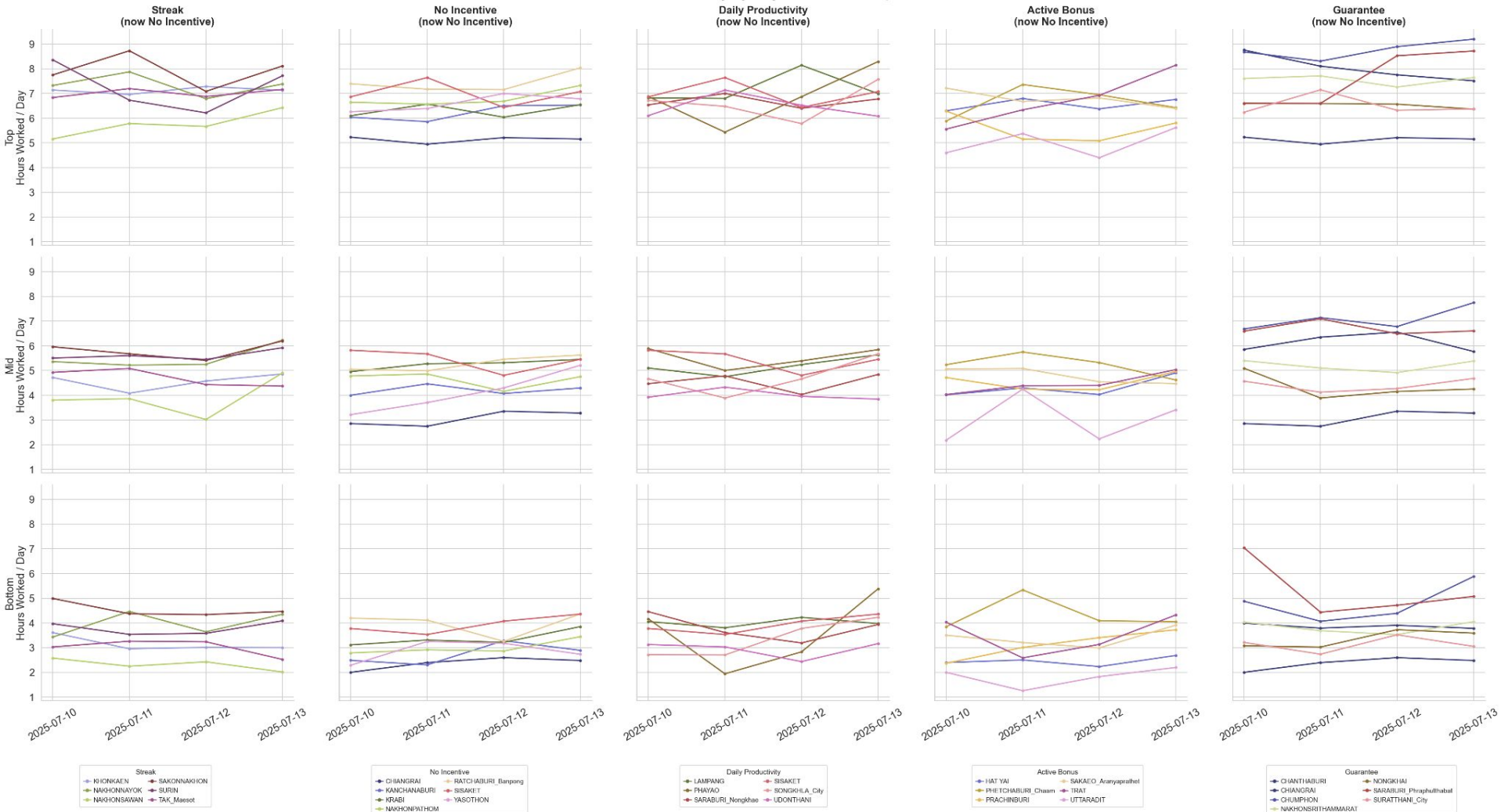
Shows # cities in orders dataset, not in riders dataset

Updated graphs w/ 7/13 data



**need to come up with better visualization...

Week 0 — Hours Worked / Day by City, Incentive Group & Driver Tier



Streak

- CHIANGMAI
- CHIANGSAI
- CHIANGUNTHAI
- CHIANGRONG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG

No Incentive

- CHIANGRAI
- CHIANGMAI
- CHIANGSAI
- CHIANGUNTHAI
- CHIANGRONG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG

Daily Productivity

- LAMPANG
- PHAYAO
- SARABURI_Nongkhai
- SISAKET
- SONGKHLA_City
- UDONTHANI
- UDONTHANI
- UDONTHANI
- UDONTHANI
- UDONTHANI

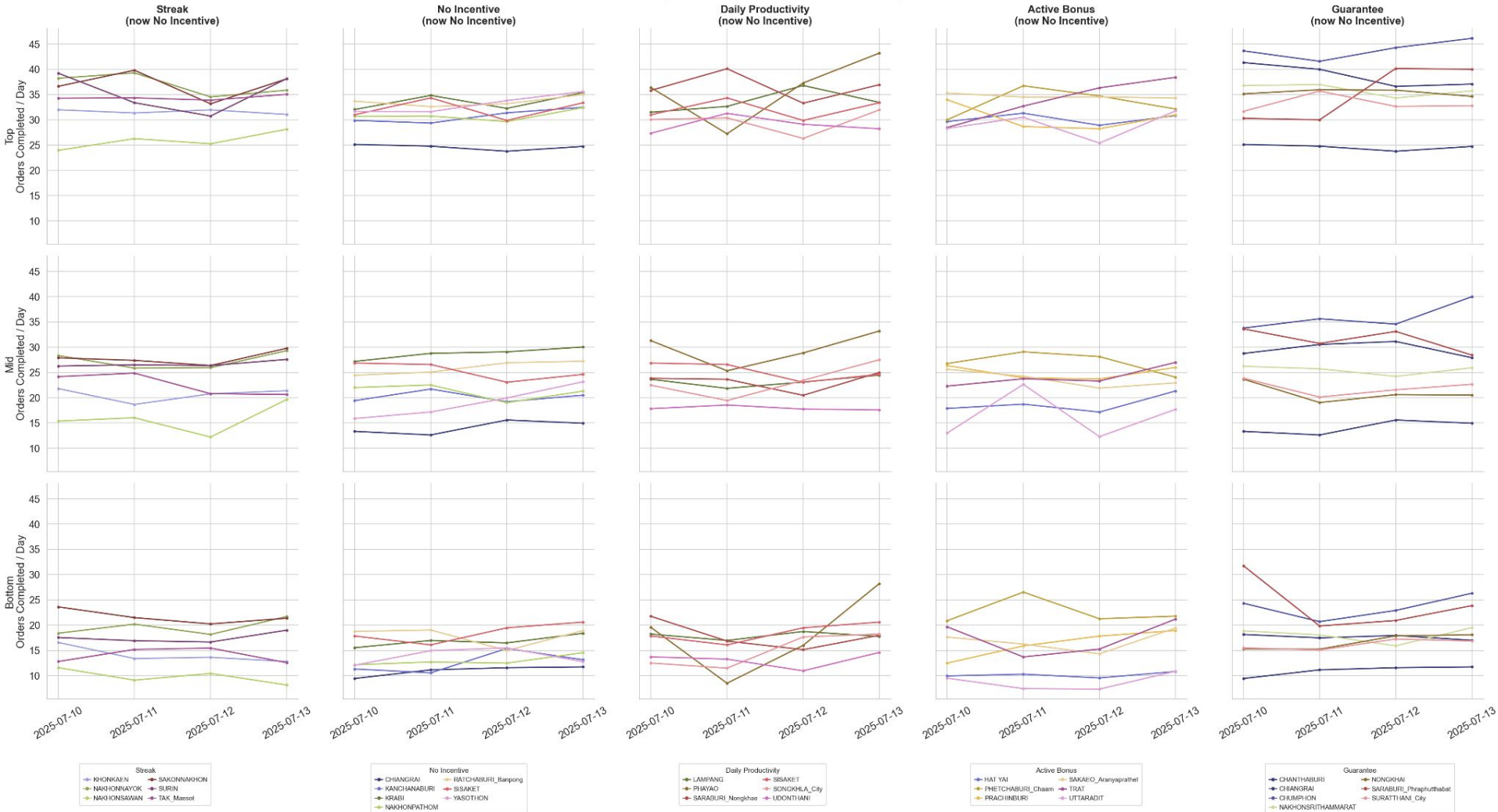
Active Bonus

- HAT YAI
- PHI THAI BURI Chaem
- PRACHINBURI
- SAKAE O Aranyaprathet
- TRAT
- UTTARADIT
- UTTARADIT
- UTTARADIT
- UTTARADIT
- UTTARADIT

Guarantee

- CHIANTHABURI
- CHIANGRAI
- CHIANGSAI
- CHIANGUNTHAI
- CHIANGRONG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG
- CHIANGRANG

Week 0 — Orders Completed / Day by City, Incentive Group & Driver Tier



Week 1 graphs

Grouped by region status/driver tier

Orders Completed / Day by Status, Incentive Type & Driver Tier



Observations

- Daily orders + streak orders seem to improve the most (especially among top riders)
- Likely because these incentives have to do with orders

Acceptance Rate by Status, Incentive Type & Driver Tier



Observations:

- Bottom acceptance rate the most variable
- Win regions have most consistent acceptance rate
- No incentive/daily hours perform the works
- Streak orders seem to improve acceptance rate the most/is the most consistent

Week 0 VS Week 1 graphs

Grouped by region status/driver tier
Verifies observations from prev slides

Hours Worked / Day by Status, Incentive Type & Driver Tier



Incentive Type

- Daily Orders
- No Incentive
- Streak Orders
- Daily Hours
- Streak Hours

City

- CHIANTHABURI
- CHANGKRAI
- CHUMPHON
- HAT YAI
- KANCHANABURI
- KHONKAEN
- KRABI
- LAMPHONG
- NAKHONAYOK
- NAKHONPATHOM
- NAKHONSARANI
- NAKHONSITHAMMARAT
- NOGGONAI
- PHRAGO
- PHETCHABURI_Chain
- PHRACHINBURI
- RATCHABURI_Bangkok
- SAKAEK_Ayeyarwady
- SAKONNAKHON
- SARABURI_Nongthae
- SARABURI_Prephutthabai
- SIKAEI
- SONGKHLA_City
- SURATHANI_City
- UDONTHANI
- URUTRANGIT
- YAK_Masot
- YAKTHON

Acceptance Rate by Status, Incentive Type & Driver Tier



Overall Findings

Daily hours consistently worsens performance (in terms of orders + hours worked)

- Especially among top/mid drivers + win/lose regions

Streak hours + streak orders seems to improve acceptance rate slightly (less variable compared to other incentive types)

- Streak orders increases acceptance rate among bottom tier + swing

Statistical Tests

To evaluate earnings compared to baseline based on paydowns vs payups when rotating incentives

The function $v(y; r)$ allows earnings to be evaluated relative to a reference point r_{it} , which will be useful for sequencing. Specifically,

$$v(y; r) = y - \lambda (r - y)_+, \quad (r - y)_+ \equiv \max\{r - y, 0\}, \quad \lambda \geq 0. \quad (7)$$

When $\lambda = 0$, utility is standard quasi-linear. When $\lambda > 0$, falling short of the reference point reduces utility, consistent with reference-dependent preferences (Kőszegi and Rabin 2006, Rabin 1998) and evidence on income targeting in flexible work settings (Camerer et al. 1997, Crawford and Meng 2011, Farber 2015, Allon et al. 2023). We will use (7) to generate sign predictions for asymmetric responses to paydowns versus payups when the platform rotates incentive menus.

Used ordinary least squares as a starting point

- Unbiased coefficient estimates compares difference with baseline

Calculating the correlation between direction of pay (pay up vs pay down) + driver behavior

Calculated pay up vs pay down by comparing baseline (overall per region per driver tier) wage with mean wage earned by the driver each day

- Pay up = more than baseline
- Pay down = less than baseline

Post: baseline = 0; week 1 = 1

Formula: $\text{outcome} \sim \text{post} + C(\text{region}) + C(Q(\text{'Rider Group'})) + \text{avg_rain}$

- Compares each driver against the mean for the region + rider group

Outcomes = orders_completed, acceptance_rate, hours_worked, total_wage

Clustered same driver ids together (same driver)

Results

```
paydown | orders_completed: coef=-1.2152, p=0.0000
paydown | acceptance_rate: coef=0.0316, p=0.0000
paydown | hours_worked: coef=-0.2553, p=0.0000
paydown | total_wage: coef=-56.6296, p=0.0000
payup | orders_completed: coef=-0.5651, p=0.0058
payup | acceptance_rate: coef=0.0473, p=0.0000
payup | hours_worked: coef=-0.1322, p=0.0020
payup | total_wage: coef=-97.2181, p=0.0000
```

Paydown (relative to baseline)

- On avg drivers completed ~1.2 **fewer** order per shift compared to baseline
- Acceptance rate **rose** approx 3.1%
- Worked ~0.25 **fewer** hours than baseline
- Total wages **dropped** ~\$56.63

Payup (relative to baseline)

- On avg drivers completed roughly ~0.5 **less** order
- Acceptance rate **rose** approx 4.73%
- Worked ~0.13 **fewer** hours
- Total wage **dropped** approx ~\$97.21

```

--- Results for orders_completed ---
Top 5 Group Responses (Post-Incentive Change):
post:C(region_tier) [TRAT_Top]          1.449518
post:C(region_tier) [KRABI_Bottom]      1.207307
post:C(region_tier) [TAK_Maesot_Bottom] 1.127851
post:C(region_tier) [TRAT_Bottom]       0.486085
post:C(region_tier) [TRAT_Mid]          0.403490
dtype: float64

```

```

--- Results for acceptance_rate ---
Top 5 Group Responses (Post-Incentive Change):
post:C(region_tier) [UDONTHANI_Bottom]  0.145198
post:C(region_tier) [TAK_Maesot_Top]     0.141109
post:C(region_tier) [TAK_Maesot_Bottom]  0.132555
post:C(region_tier) [KHONKAEN_Bottom]    0.128188
post:C(region_tier) [UDONTHANI_Top]      0.117777
dtype: float64

```

```

--- Results for hours_worked ---
Top 5 Group Responses (Post-Incentive Change):
post:C(region_tier) [KRABI_Bottom]       0.283022
post:C(region_tier) [TRAT_Mid]           0.196105
post:C(region_tier) [CHIANGRAI_Mid]      0.129170
post:C(region_tier) [TRAT_Top]           0.127487
post:C(region_tier) [KHONKAEN_Top]       0.109974
dtype: float64

```

```

--- Results for total_wage ---
Top 5 Group Responses (Post-Incentive Change):
post:C(region_tier) [KRABI_Bottom]       22.223276
post:C(region_tier) [TRAT_Top]           20.332848
post:C(region_tier) [NONGKHAI_Bottom]    -2.397272
post:C(region_tier) [TRAT_Mid]           -5.086741
post:C(region_tier) [NAKHONSAWAN_Bottom] -6.117600

```

Gets the regions_tiers most affected by payup/paydown in different categories

- Acceptance rate, orders completed, hours worked, total wage

Formula = outcome ~ post :
 $C(\text{region_tier}) + \text{avg_rain} + C(\text{region_tier})$

- $C(\text{region_tier}) \rightarrow$ baseline performance of each group + region
- Post : $C(\text{region_tier}) =$ asymmetry test (measure specific change in performance after event for each unique group)

3/2/2026 update pt. 2

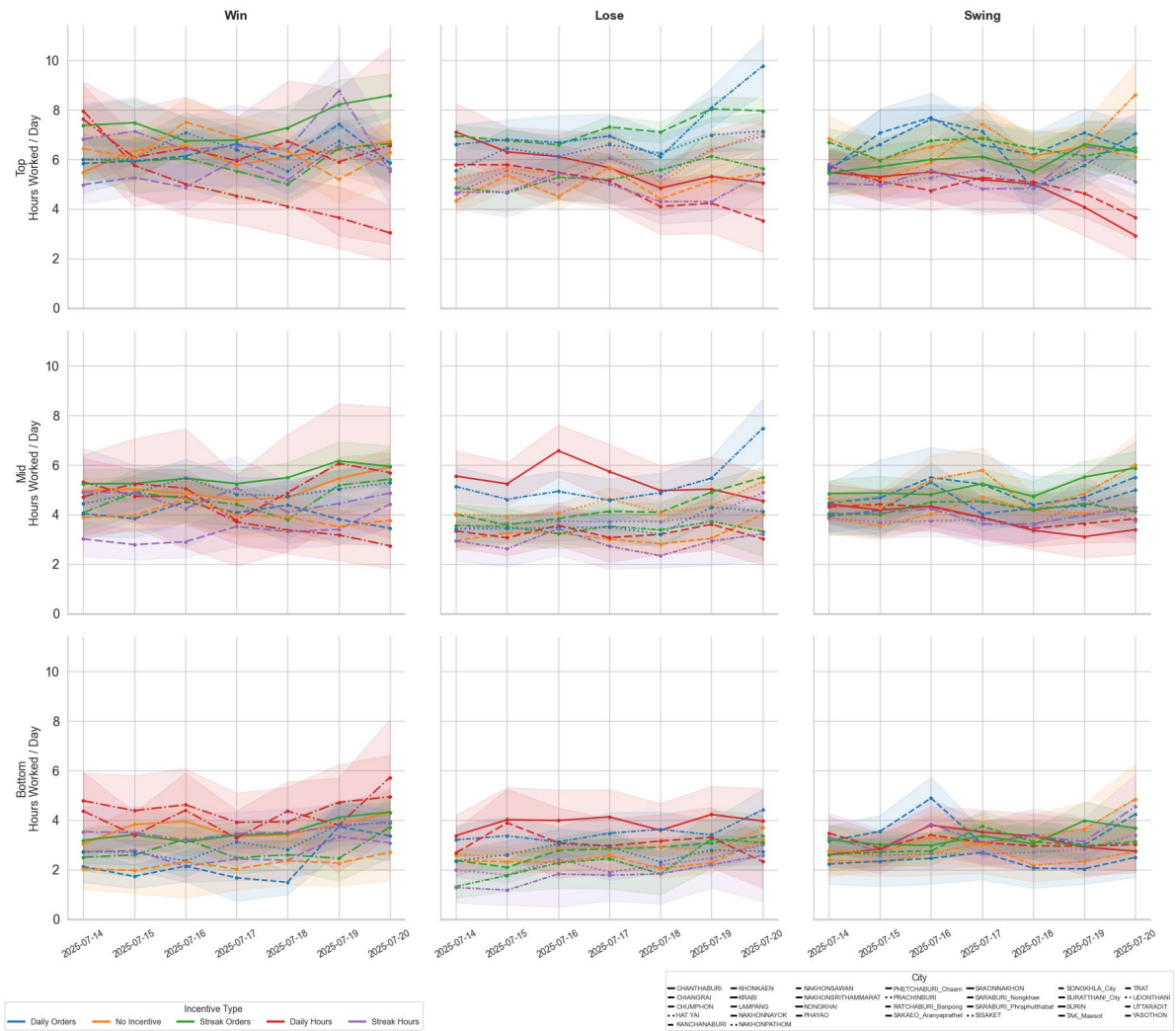
Week 1 graphs

Grouped by region status/driver tier

with confidence intervals

**Need to come up with better visualization -> will group by incentive types and see overall trend + other ideas

Hours Worked / Day by Status, Incentive Type & Driver Tier



Overall idea from the paper

- Want to see impact on different incentive types on acceptance intensity
- throughout week persistence
- surges near streak completion/completion of incentives
- acceptance rate change based on participation from previous week (if it carries over to the next week)
- pay up vs pay down participation affects

Statistics brainstorm

- Overall 30 cities summary of statistics (mean, median, std, quartiles) for week 0
 - Driver type/region type/individual cities
- For each incentive type, graph so we can see overall trend throughout the week (effect of individual incentive types)
- Compare prior week with current week
 - Especially see if increase in acceptance rate in previous week -> increase in participation this week also (probability a driver works in Week t grouped by incentive types in week $t - 1$)
- Pay ups versus pay downs
 - Compare # orders increased on average or decreased when going from a lower paying incentive to a higher one
 - OLS from before and see if same trend
- Distribution of work
 - Historiography for drivers over the week for orders (can see if there is a surge towards certain days of the week (e.g hunting days), see if workers stop completing orders once they reach their goal (e.g if max to get incentive is 40 orders, is that the max they ever reach each day)
- Ratio of acceptance rate during “hunting hours” for incentive
 - Get individual acceptance rate per driver per hour, then aggregate to get overall acceptance rate within hunting hours and outside hunting hours (influence of incentives on participation, especially the streak ones)
- Gap to threshold column
 - Number of orders or hours left needed in order to reach bonus
- Day 1 vs Day 7 of the week comparison
 - On average how much does it increase/decrease over the week (orders, hours worked, acceptance rate)

3/2/26 Update pt. 3

30 cities overview

Basic statistics

Regions: Swing/Win/Lose

	metric	n	mean	std	min	median	Q3	max	status
0	Daily Wage	7850	1369.092099	914.105502	616.50	1222.20	1984.3950	5196.45	Lose
1	Daily Wage	4012	1319.052914	760.508270	694.80	1231.38	1893.8625	4037.28	Swing
2	Daily Wage	3444	1385.022186	776.652199	768.12	1307.70	1958.2800	4675.47	Win

	metric	n	mean	std	min	median	Q3	max	status
0	Daily hours worked	7850	0.477397	0.170019	0.375833	0.464861	0.561389	6.190556	Lose
1	Daily hours worked	4012	0.475233	0.148599	0.378889	0.460000	0.552222	2.092222	Swing
2	Daily hours worked	3444	0.481312	0.156315	0.382917	0.465972	0.558403	2.651389	Win

	metric	n	mean	std	min	median	Q3	max	status
0	Daily orders	7850	20.730064	13.888830	9.0	18.0	30.0	77.0	Lose
1	Daily orders	4012	25.064806	14.651721	13.0	23.0	36.0	71.0	Swing
2	Daily orders	3444	27.584785	15.415235	15.0	26.0	40.0	81.0	Win

	metric	n	mean	std	min	median	Q3	max	status
0	Days worked	7850	3.376051	0.859020	3.0	4.0	4.0	4.0	Lose
1	Days worked	4012	3.327019	0.862376	3.0	4.0	4.0	4.0	Swing
2	Days worked	3444	3.355981	0.846576	3.0	4.0	4.0	4.0	Win

Rider Group: Bottom, Mid, Top

	metric	n	mean	std	min	median	Q3	max	region
0	Daily Wage	4724	914.479052	689.613313	394.29	742.32	1267.4175	4466.16	Bottom
1	Daily Wage	5773	1311.644031	765.535895	721.80	1206.18	1811.8800	5196.45	Mid
2	Daily Wage	4809	1854.296039	817.066630	1273.68	1874.70	2399.8800	5083.11	Top

	metric	n	mean	std	min	median	Q3	max	region
0	Daily hours worked	4724	0.446079	0.180989	0.339444	0.432222	0.530278	6.190556	Bottom
1	Daily hours worked	5773	0.475384	0.151832	0.375556	0.459444	0.553056	2.142500	Mid
2	Daily hours worked	4809	0.511577	0.145373	0.418056	0.494722	0.582778	2.651389	Top

	metric	n	mean	std	min	median	Q3	max	region
0	Daily orders	4724	15.354149	11.729813	6.0	12.0	22.0	70.0	Bottom
1	Daily orders	5773	22.639356	13.414736	12.0	21.0	31.0	70.0	Mid
2	Daily orders	4809	32.244334	14.033015	22.0	32.0	43.0	81.0	Top

	metric	n	mean	std	min	median	Q3	max	region
0	Days worked	4724	3.064352	0.976154	2.0	3.0	4.0	4.0	Bottom
1	Days worked	5773	3.352676	0.830795	3.0	4.0	4.0	4.0	Mid
2	Days worked	4809	3.655022	0.634013	3.0	4.0	4.0	4.0	Top

30 cities

		metric	n	mean	std	min	median	Q3	max	region	status
0	Daily hours worked	376	0.488340	0.155235	0.381389	0.475556	0.577153	1.259444		CHANTHABURI	Lose
1	Daily hours worked	1110	0.438919	0.166443	0.339792	0.424028	0.519444	2.142500		CHIANGRAI	Lose
2	Daily hours worked	359	0.510474	0.138408	0.410694	0.502222	0.592083	1.019167		CHUMPHON	Win
3	Daily hours worked	1557	0.486018	0.161757	0.381389	0.471667	0.573056	1.351944		HAT YAI	Lose
4	Daily hours worked	470	0.473895	0.149402	0.388403	0.462639	0.545694	1.210556		KANCHANABURI	Swing
5	Daily hours worked	1746	0.498884	0.208710	0.395347	0.482917	0.576875	6.190556		KHONKAEN	Lose
6	Daily hours worked	835	0.469655	0.178076	0.355278	0.431111	0.559583	1.622778		KRABI	Win
7	Daily hours worked	588	0.480237	0.138967	0.392083	0.470000	0.550972	1.447500		LAMPANG	Swing
8	Daily hours worked	201	0.481208	0.174679	0.363333	0.462222	0.543056	1.307778		NAKHONNAYOK	Win
9	Daily hours worked	1258	0.476970	0.152869	0.377708	0.466667	0.562431	1.138889		NAKHONPATHOM	Lose
10	Daily hours worked	274	0.492533	0.172844	0.378472	0.484306	0.597847	1.079444		NAKHONSAWAN	Lose
11	Daily hours worked	645	0.484499	0.137460	0.399444	0.466667	0.558056	1.306944		NAKHONSRIHAMMARAT	Swing
12	Daily hours worked	266	0.466323	0.161493	0.357986	0.445417	0.547917	1.140833		NONGKHAI	Swing
13	Daily hours worked	160	0.468021	0.138121	0.382847	0.461944	0.539931	1.037500		PHAYAO	Swing
14	Daily hours worked	207	0.492844	0.178351	0.373611	0.459722	0.577639	1.261111		PHETCHABURI_Chaoam	Swing
15	Daily hours worked	444	0.416340	0.152892	0.327986	0.405278	0.480903	2.092222		PRACHINBURI	Swing
16	Daily hours worked	366	0.500268	0.156279	0.393125	0.471944	0.603750	1.193889		RATCHABURI_Banpong	Swing
17	Daily hours worked	231	0.448473	0.123370	0.367500	0.445278	0.527083	0.805278		SAKAEO_Aranyaprathet	Win
18	Daily hours worked	581	0.495009	0.140444	0.412222	0.484167	0.562778	1.200278		SAKONNAKHON	Win
19	Daily hours worked	211	0.461509	0.137097	0.376944	0.439722	0.526667	0.999722		SARABURI_Nongkhae	Win
20	Daily hours worked	108	0.507428	0.130356	0.433681	0.500694	0.601319	0.953611		SARABURI_Phraphutthabat	Win
21	Daily hours worked	454	0.496511	0.138536	0.409514	0.486250	0.573056	1.035556		SISAKET	Win
22	Daily hours worked	459	0.475105	0.130396	0.388472	0.463889	0.555556	1.060000		SONGKHLA_City	Lose
23	Daily hours worked	231	0.465786	0.147786	0.381667	0.443889	0.538611	1.093056		SURATTHANI_City	Lose
24	Daily hours worked	533	0.481229	0.128218	0.397778	0.476944	0.558056	0.960000		SURIN	Swing
25	Daily hours worked	333	0.491387	0.155645	0.378056	0.475556	0.584722	1.334722		TAK_Maesot	Swing
26	Daily hours worked	228	0.471854	0.205728	0.381181	0.448889	0.525347	2.651389		TRAT	Win
27	Daily hours worked	680	0.472763	0.138504	0.378889	0.469028	0.547222	1.107500		UDONTHANI	Lose
28	Daily hours worked	159	0.420386	0.155040	0.316667	0.387222	0.501250	1.218889		UTTARADIT	Lose
29	Daily hours worked	236	0.462352	0.139435	0.379722	0.452778	0.531736	1.043611		YASOTHON	Win

	metric	n	mean	std	min	median	Q3	max	region	status
0	Daily orders	376	29.571809	16.151785	15.75	30.0	43.25	66.0	CHANTHABURI	Lose
1	Daily orders	1110	17.316216	12.976778	7.00	14.0	25.00	61.0	CHIANGRAI	Lose
2	Daily orders	359	35.515320	16.565906	22.00	37.0	50.00	64.0	CHUMPHON	Win
3	Daily orders	1557	18.848426	12.982691	8.00	16.0	27.00	61.0	HAT YAI	Lose
4	Daily orders	470	21.825532	13.002025	11.00	20.0	32.00	56.0	KANCHANABURI	Swing
5	Daily orders	1746	22.735968	14.484599	11.00	21.0	32.00	77.0	KHONKAEN	Lose
6	Daily orders	835	27.220359	14.883055	15.00	25.0	38.00	67.0	KRABI	Win
7	Daily orders	588	23.959184	13.974851	12.00	22.0	35.00	70.0	LAMPANG	Swing
8	Daily orders	201	27.477612	14.209530	16.00	27.0	38.00	60.0	NAKHONNAYOK	Win
9	Daily orders	1258	20.178060	13.673547	9.00	18.0	29.00	65.0	NAKHONPATHOM	Lose
10	Daily orders	274	17.397810	10.567356	9.00	17.0	25.00	45.0	NAKHONSAWAN	Lose
11	Daily orders	645	26.917829	15.735619	15.00	25.0	38.00	71.0	NAKHONSRITHAMMARAT	Swing
12	Daily orders	266	24.398496	13.886027	14.00	22.0	35.00	60.0	NONGKHAI	Swing
13	Daily orders	160	29.306250	16.049843	15.00	30.0	43.00	57.0	PHAYAO	Swing
14	Daily orders	207	27.541063	11.679665	20.00	28.0	35.00	55.0	PHETCHABURI_Chாம்	Swing
15	Daily orders	444	24.072072	14.759142	12.00	22.0	35.00	69.0	PRACHINBURI	Swing
16	Daily orders	366	25.819672	15.498838	13.00	23.0	39.00	65.0	RATCHABURI_Banpong	Swing
17	Daily orders	231	25.783550	14.857172	15.00	24.0	38.00	59.0	SAKAEO_Aranyaprathet	Win
18	Daily orders	581	28.769363	14.951479	17.00	28.0	41.00	73.0	SAKONNAKHON	Win
19	Daily orders	211	26.279621	16.629077	13.00	23.0	38.00	69.0	SARABURI_Nongkhae	Win
20	Daily orders	108	28.712963	14.584623	19.75	27.0	36.25	81.0	SARABURI_Phraphutthabat	Win
21	Daily orders	454	25.621145	13.729397	15.00	25.0	36.00	68.0	SISAKET	Win
22	Daily orders	459	22.564270	13.049691	12.00	21.0	32.00	60.0	SONGKHLA_City	Lose
23	Daily orders	231	24.632035	13.766014	13.00	24.0	36.50	53.0	SURATTHANI_City	Lose
24	Daily orders	533	26.292683	15.177171	14.00	25.0	36.00	71.0	SURIN	Swing
25	Daily orders	333	23.483483	14.139490	11.00	22.0	35.00	59.0	TAK_Maesot	Swing
26	Daily orders	228	25.337719	16.062241	12.00	21.5	38.50	60.0	TRAT	Win
27	Daily orders	680	20.416176	13.438959	10.00	18.0	30.00	65.0	UDONTHANI	Lose
28	Daily orders	159	20.540881	13.305915	9.00	19.0	29.50	53.0	UTTARADIT	Lose
29	Daily orders	236	22.347458	15.361669	10.75	20.0	33.25	66.0	YASOTHON	Win

		metric	n	mean	std	min	median	Q3	max	region	status
0		Days worked	376	3.239362	0.904002	3.0	3.5	4.0	4.0	CHANTHABURI	Lose
1		Days worked	1110	3.288288	0.899728	3.0	4.0	4.0	4.0	CHIANGRAI	Lose
2		Days worked	359	3.406685	0.823238	3.0	4.0	4.0	4.0	CHUMPHON	Win
3		Days worked	1557	3.398202	0.848829	3.0	4.0	4.0	4.0	HAT YAI	Lose
4		Days worked	470	3.365957	0.837622	3.0	4.0	4.0	4.0	KANCHANABURI	Swing
5		Days worked	1746	3.331042	0.881734	3.0	4.0	4.0	4.0	KHONKAEN	Lose
6		Days worked	835	3.409581	0.814970	3.0	4.0	4.0	4.0	KRABI	Win
7		Days worked	588	3.302721	0.881492	3.0	4.0	4.0	4.0	LAMPANG	Swing
8		Days worked	201	3.477612	0.781503	3.0	4.0	4.0	4.0	NAKHONNAYOK	Win
9		Days worked	1258	3.550079	0.718737	3.0	4.0	4.0	4.0	NAKHONPATHOM	Lose
10		Days worked	274	3.372263	0.905881	3.0	4.0	4.0	4.0	NAKHONSAWAN	Lose
11		Days worked	645	3.316279	0.864661	3.0	4.0	4.0	4.0	NAKHONSRIHAMMARAT	Swing
12		Days worked	266	3.270677	0.865505	3.0	4.0	4.0	4.0	NONGKHAI	Swing
13		Days worked	160	3.087500	0.856991	3.0	3.0	4.0	4.0	PHAYAO	Swing
14		Days worked	207	3.589372	0.724390	3.0	4.0	4.0	4.0	PHETCHABURI_Chாம்	Swing
15		Days worked	444	3.270270	0.935345	3.0	4.0	4.0	4.0	PRACHINBURI	Swing
16		Days worked	366	3.382514	0.831648	3.0	4.0	4.0	4.0	RATCHABURI_Banpong	Swing
17		Days worked	231	3.303030	0.934340	3.0	4.0	4.0	4.0	SAKAEO_Aranyaprathet	Win
18		Days worked	581	3.285714	0.841357	3.0	4.0	4.0	4.0	SAKONNAKHON	Win
19		Days worked	211	3.218009	0.925747	3.0	3.0	4.0	4.0	SARABURI_Nongkhæ	Win
20		Days worked	108	3.518519	0.825770	3.0	4.0	4.0	4.0	SARABURI_Phraphutthabat	Win
21		Days worked	454	3.286344	0.857090	3.0	4.0	4.0	4.0	SISAKET	Win
22		Days worked	459	3.366013	0.877310	3.0	4.0	4.0	4.0	SONGKHLA_City	Lose
23		Days worked	231	3.346320	0.875498	3.0	4.0	4.0	4.0	SURATTHANI_City	Lose
24		Days worked	533	3.356473	0.876028	3.0	4.0	4.0	4.0	SURIN	Swing
25		Days worked	333	3.300300	0.806543	3.0	3.0	4.0	4.0	TAK_Maesot	Swing
26		Days worked	228	3.491228	0.842125	3.0	4.0	4.0	4.0	TRAT	Win
27		Days worked	680	3.388235	0.867941	3.0	4.0	4.0	4.0	UDONTHANI	Lose
28		Days worked	159	3.238994	0.924074	3.0	4.0	4.0	4.0	UTTARADIT	Lose
29		Days worked	236	3.262712	0.839736	3.0	3.0	4.0	4.0	YASOTHON	Win

id	metric	Statistical Summary							region	status
		n	mean	std	min	median	Q3	max		
3	Daily Wage	376	1624.016170	883.406908	839.1075	1637.895	2373.0000	3715.08	CHANTHABURI	Lose
7	Daily Wage	1110	1088.243973	806.109263	431.4000	890.400	1617.5250	3562.74	CHIANGRAI	Lose
11	Daily Wage	359	1458.421755	669.597369	910.5750	1531.260	2031.0300	2788.11	CHUMPHON	Win
15	Daily Wage	1557	1204.378324	805.014082	538.0800	1075.320	1758.6000	4147.92	HAT YAI	Lose
19	Daily Wage	470	1233.628851	728.867276	626.9925	1128.900	1833.2850	3078.15	KANCHANABURI	Swing
23	Daily Wage	1746	1472.289364	925.874566	689.2500	1369.080	2125.8975	4639.41	KHONKAEN	Lose
27	Daily Wage	835	1330.156240	724.739172	765.9000	1252.200	1902.9000	3847.02	KRABI	Win
31	Daily Wage	588	1282.792194	724.695433	665.7000	1242.300	1857.7500	3286.32	LAMPANG	Swing
35	Daily Wage	201	1463.797313	762.003692	803.5500	1487.970	2018.9400	3223.14	NAKHONNAYOK	Win
39	Daily Wage	1258	1661.845970	1108.748803	753.0825	1448.280	2433.1950	5196.45	NAKHONPATHOM	Lose
43	Daily Wage	274	1153.368175	699.002083	568.8000	1111.500	1688.7750	2930.10	NAKHONSAWAN	Lose
47	Daily Wage	645	1394.229628	786.819101	750.3600	1300.800	1963.6800	4037.28	NAKHONSRITHAMMARAT	Swing
51	Daily Wage	266	1401.983346	797.625298	783.9000	1245.120	1998.1500	3729.00	ONGKHAH	Swing
55	Daily Wage	160	1431.875250	802.844515	686.8500	1432.800	2173.1850	2831.28	PHAYAO	Swing
59	Daily Wage	207	1804.376087	766.514028	1308.5250	1815.510	2263.8000	3797.85	PHETCHABURI_Chaam	Swing
63	Daily Wage	444	1215.285135	726.456670	660.4125	1118.085	1767.4350	3294.66	PRACHINBURI	Swing
67	Daily Wage	366	1348.068934	799.668048	693.8475	1249.050	1987.2450	3418.44	RATCHABURI_Banpong	Swing
71	Daily Wage	231	1621.197013	927.508455	938.6400	1477.800	2422.8000	3700.17	SAKAEO_Aranyaprathet	Win
75	Daily Wage	581	1383.044251	722.880928	815.7000	1356.750	1955.2500	3085.08	SAKONNAKHON	Win
79	Daily Wage	211	1637.387488	984.532531	803.5800	1502.130	2357.4000	4431.06	SARABURI_Nongkhae	Win
83	Daily Wage	108	1681.635000	850.256588	1073.4450	1584.720	2173.2300	4675.47	SARABURI_Phraphutthabat	Win
87	Daily Wage	454	1192.328260	641.808001	703.8450	1154.775	1680.9975	2911.77	SISAKET	Win
91	Daily Wage	459	1425.656144	814.291085	736.6500	1338.840	2007.9600	3936.66	SONGKHLA_City	Lose
95	Daily Wage	231	1352.685195	741.411736	713.7000	1319.520	2016.2400	3058.32	SURATTHANI_City	Lose
99	Daily Wage	533	1179.425516	678.151511	658.2000	1095.000	1635.0000	3476.70	SURIN	Swing
103	Daily Wage	333	1265.849009	742.152516	611.8200	1225.890	1878.4200	3152.97	TAK_Maesot	Swing
107	Daily Wage	228	1369.280395	871.683585	660.9525	1156.920	2101.9800	3276.81	TRAT	Win
111	Daily Wage	680	1399.014353	898.695169	655.7100	1247.820	2029.8750	4091.85	UDONTHANI	Lose
115	Daily Wage	159	994.694906	646.368063	428.7000	925.200	1437.0000	2555.40	UTTARADIT	Lose
119	Daily Wage	236	1198.626102	810.856935	556.3350	1127.145	1798.7850	3372.15	YASOTHON	Win

Idea: Group together regions that follow the same incentive pattern and see if trend differs

Observation: For each incentive pattern, there are 3 regions that follow the same pattern (one win, one lose, one swing)

Hypothesis: all three regions will follow the same pattern of behavior considering the fake that they have the same pattern of incentives

- Otherwise we can see how different rider groups/different regions behave different when faced with the same incentives

****by design****

E.g:

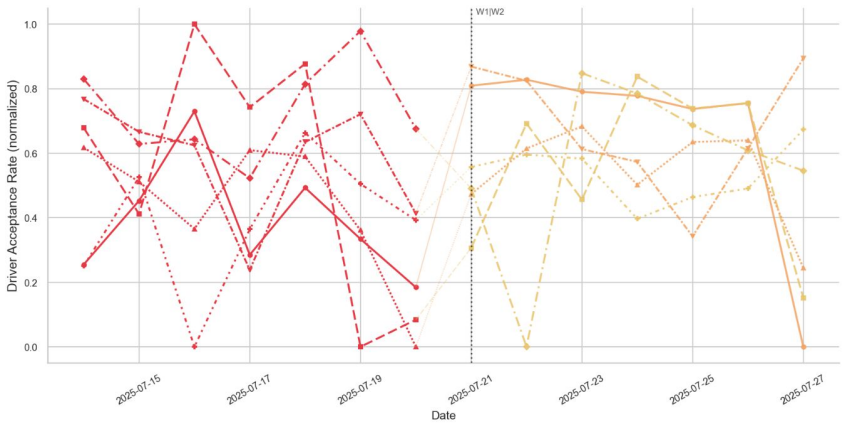
City	Week 1	Week 2	Week 3	Week 4	Week 5	Region Tier	Groupings
CHANTHABURI	Daily Hours	Streak Orders	No incentive	Streak Hours	No Incentive	Lose	1
NAKHONSRITH AMMARAT	Daily Hours	Streak Orders	No incentive	Streak Hours	No Incentive	Swing	1
SARABURI_Phr aphutthabat	Daily Hours	Streak Orders	No incentive	Streak Hours	No Incentive	Win	1

3/4/26 update

Week 1 VS Week 2 (Sequencing analysis)

Acceptance Rate

Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHANTHABURI [Lose] Daily Hours → Streak Orders
- CHUMPHON [Win] Daily Hours → Streak Hours
- NAKHONSIRITHAMMARAT [Swing] Daily Hours → Streak Orders
- NONGKHAI [Swing] Daily Hours → Streak Hours
- SARABURI_Phrathuthabat [Win] Daily Hours → Streak Orders
- SURATTHANI_City [Lose] Daily Hours → Streak Hours

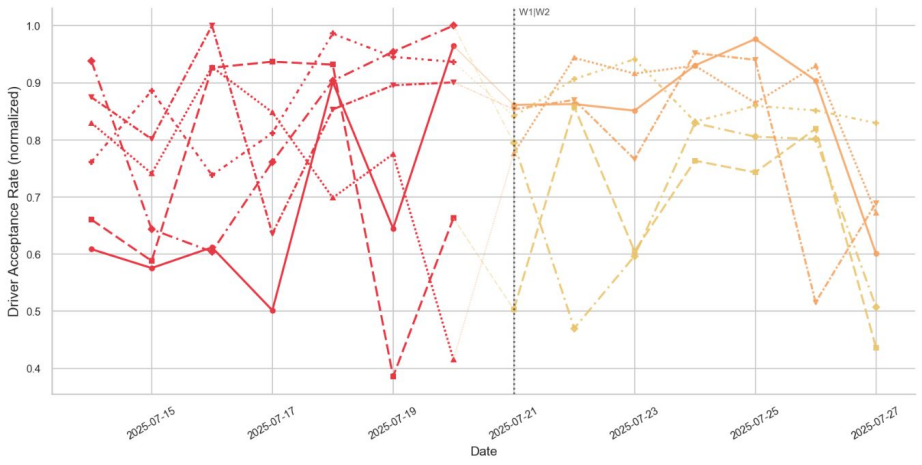
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region

- CHANTHABURI [Lose]
- CHUMPHON [Win]
- NAKHONSIRITHAMMARAT [Swing]
- NONGKHAI [Swing]
- SARABURI_Phrathuthabat [Win]
- SURATTHANI_City [Lose]

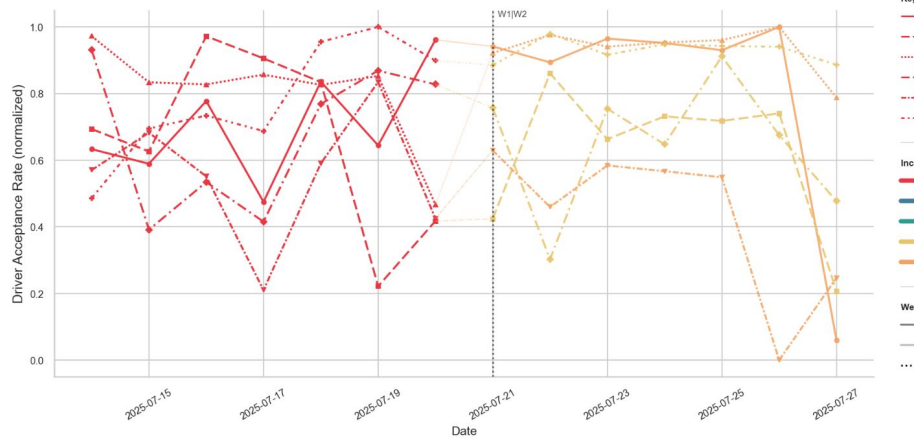
Incentive

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week 1

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region

- CHANTHABURI [Lose]
- CHUMPHON [Win]
- NAKHONSIRITHAMMARAT [Swing]
- NONGKHAI [Swing]
- SARABURI_Phrathuthabat [Win]
- SURATTHANI_City [Lose]

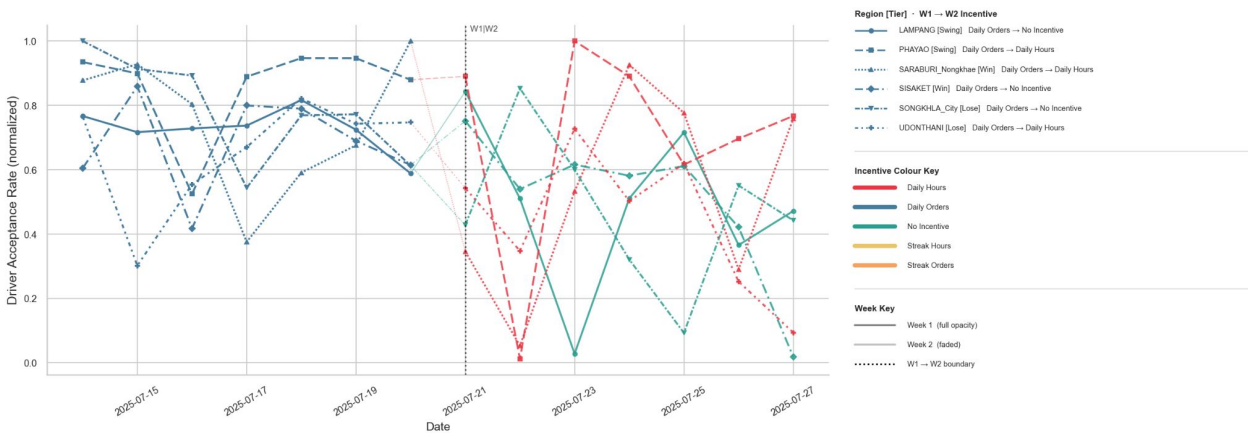
Incentive

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

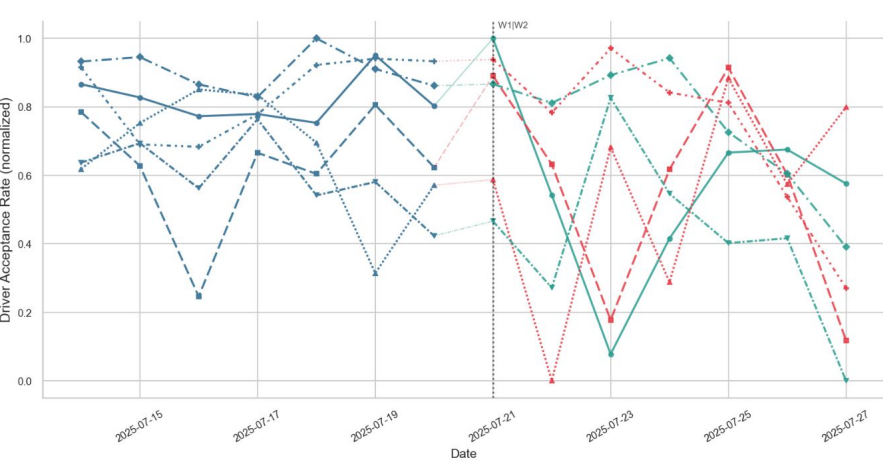
Week 1

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

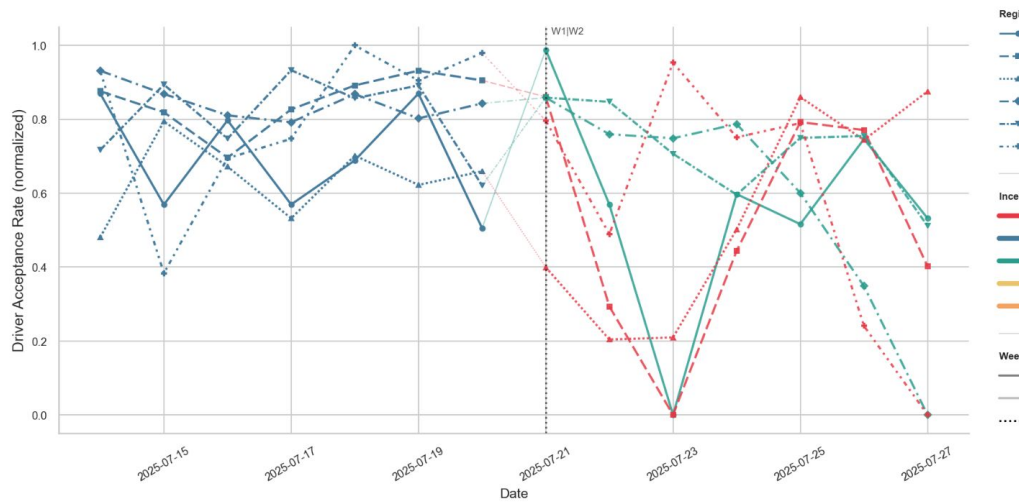
Driver Acceptance Rate (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



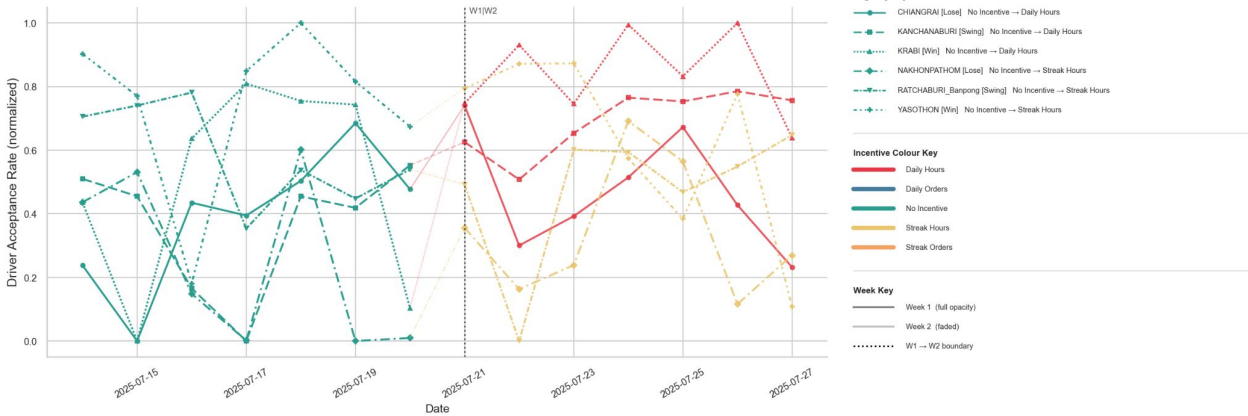
Driver Acceptance Rate (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



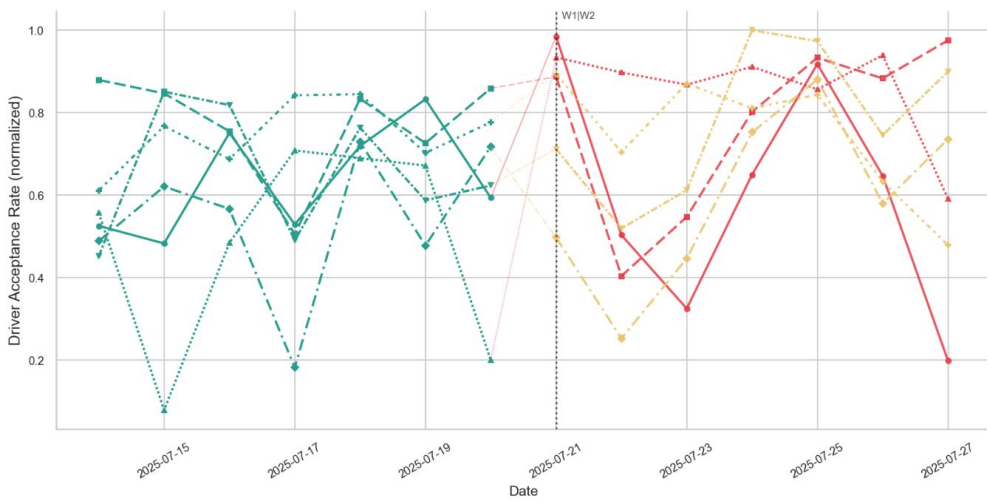
Driver Acceptance Rate (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



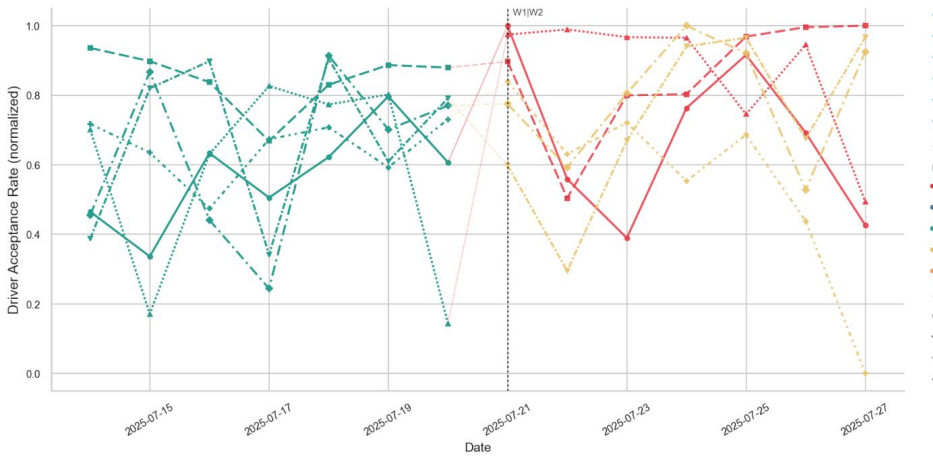
Driver Acceptance Rate (normalized) - W1 Incentive: No Incentive - Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



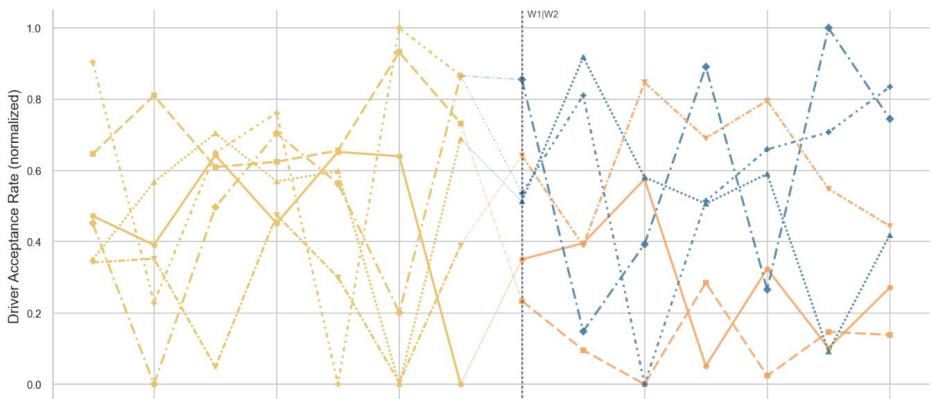
Driver Acceptance Rate (normalized) - W1 Incentive: No Incentive - Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Driver Acceptance Rate (normalized) - W1 Incentive: No Incentive - Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Driver Acceptance Rate (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] - W1 - W2 Incentive

- HAT YAI [Loss] Streak Hours → Streak Orders
- - PHETCHABURI_Chaam [Swing] Streak Hours → Streak Orders
- ... PRACHINBURI [Swing] Streak Hours → Daily Orders
- - SAKAEO_Aranyaprathet (Win) Streak Hours → Daily Orders
- - TRAT [Win] Streak Hours → Streak Orders
- - UTTARADIT [Loss] Streak Hours → Daily Orders

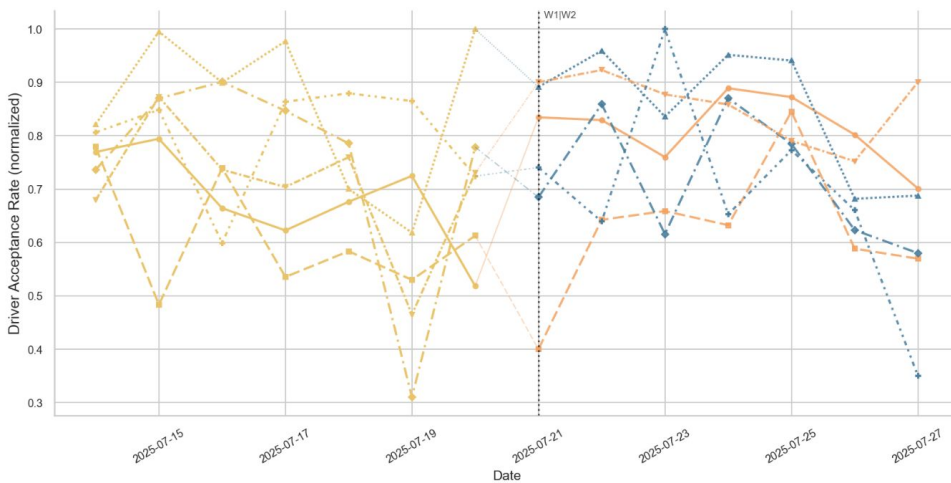
Incentive Colour Key

- █ Daily Hours
- █ Daily Orders
- █ No Incentive
- █ Streak Hours
- █ Streak Orders

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- ... W1 - W2 boundary

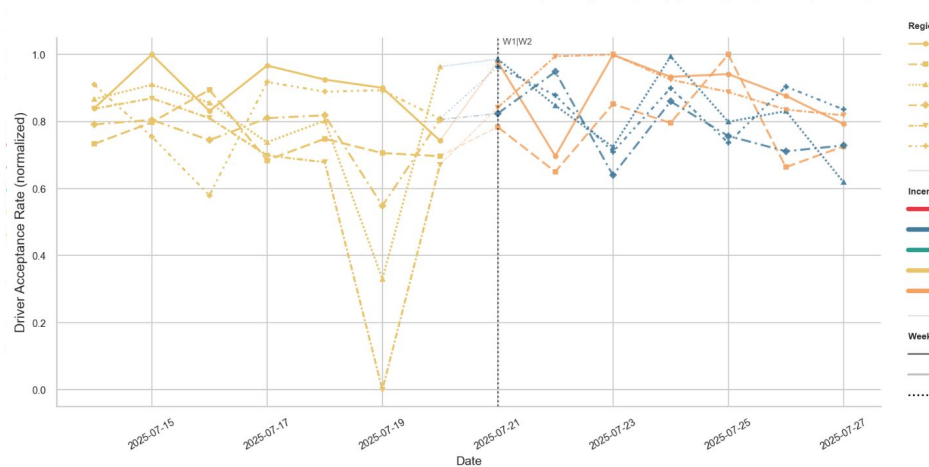
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region

- Region

Driver Acceptance Rate (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region

- Region
- - Region
- ... Region
- - Region
- - Region

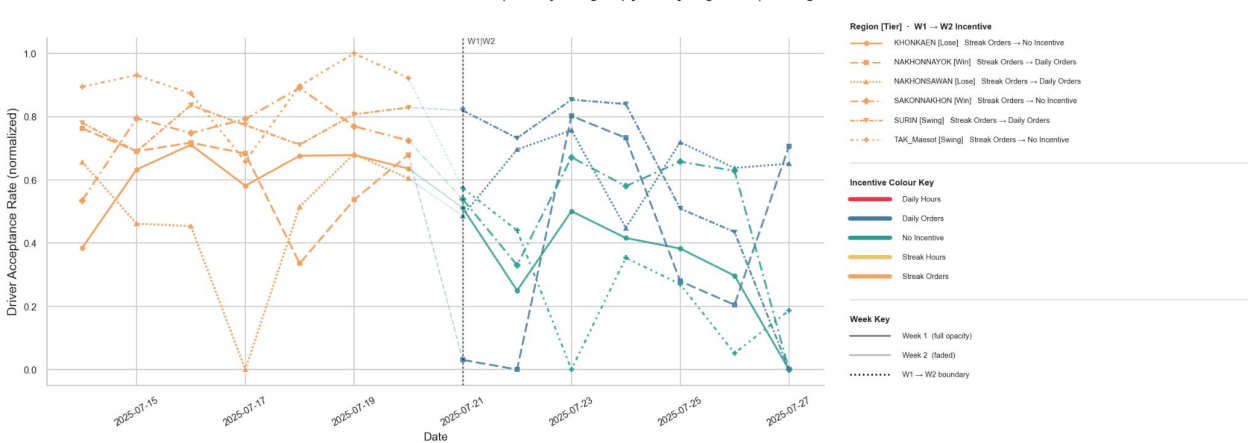
Incentive

- █ Incentive
- █ Incentive
- █ Incentive
- █ Incentive
- █ Incentive

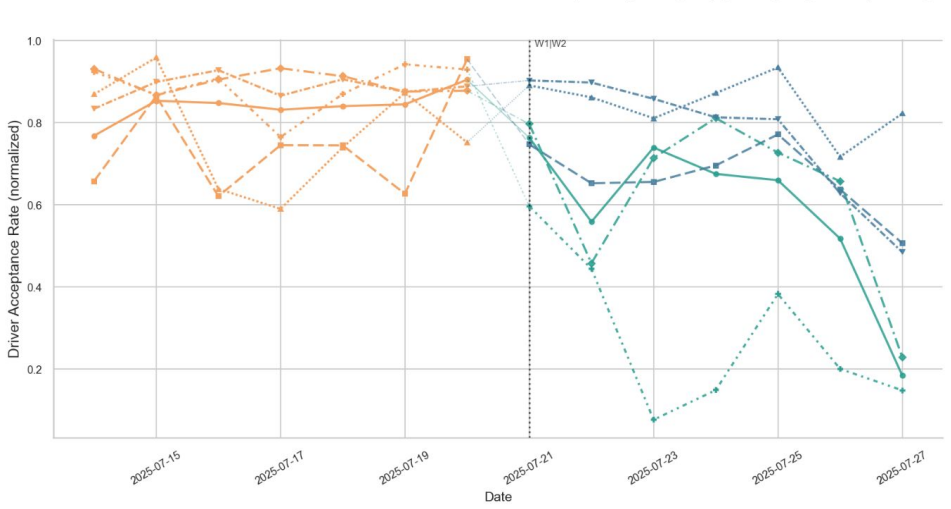
Week Key

- Week Key
- Week Key
- ... Week Key

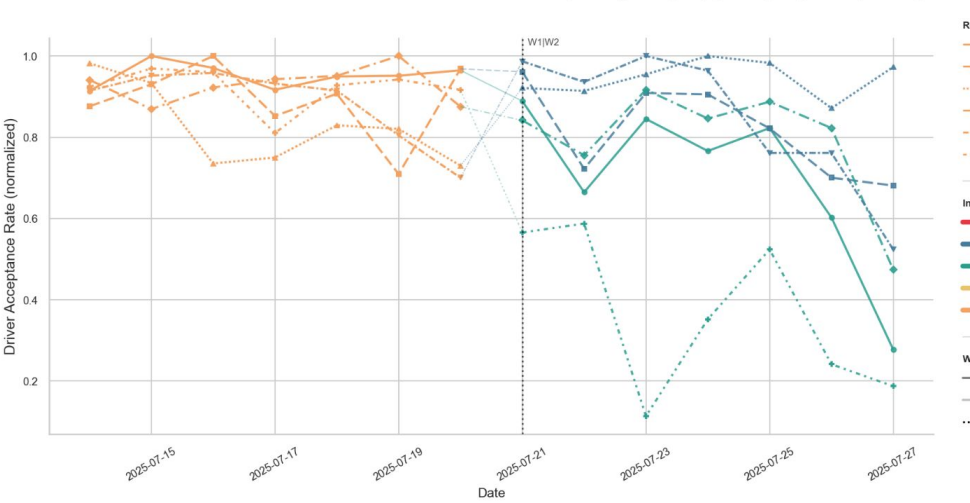
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Bottom



Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Mid

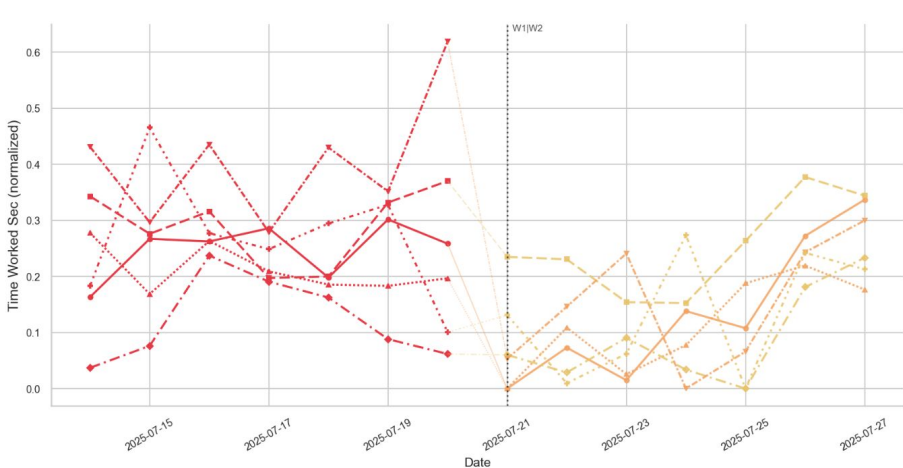


Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Top



Hours Worked

Time Worked Sec (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHANTHABURI [Lose] Daily Hours → Streak Orders
- CHUMPHON [Win] Daily Hours → Streak Hours
- NAKHONSRIHAMMARAT [Swing] Daily Hours → Streak Orders
- NONGKHAI [Swing] Daily Hours → Streak Hours
- SARABURI_Phraphutthabat [Win] Daily Hours → Streak Orders
- SURATHANI_City [Lose] Daily Hours → Streak Hours

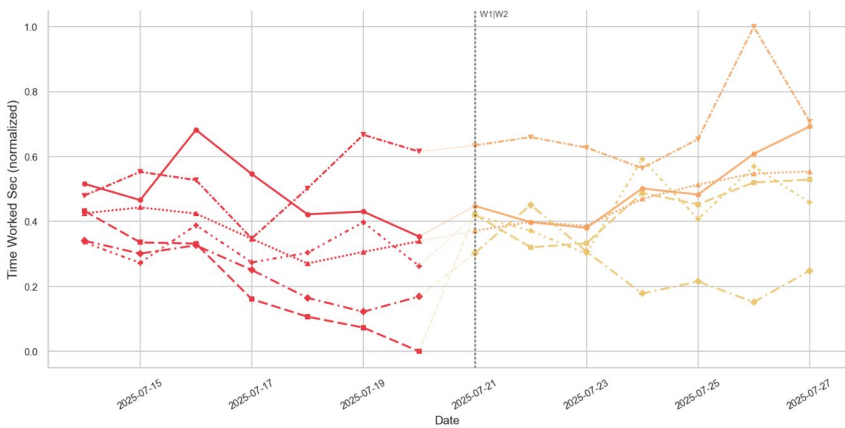
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

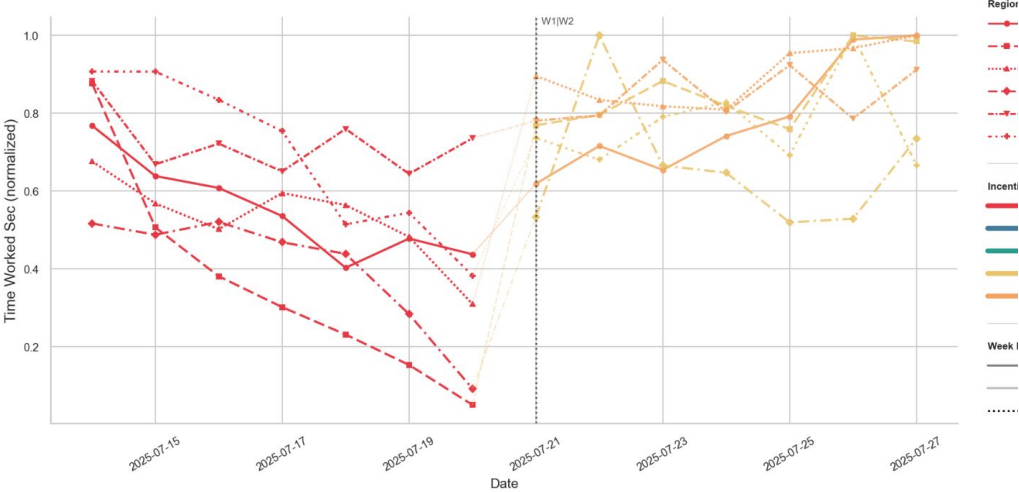
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Time Worked Sec (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Time Worked Sec (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region

- CHANTHABURI
- CHUMPHON
- NAKHONSRIHAMMARAT
- NONGKHAI
- SARABURI_Phraphutthabat
- SURATHANI_City

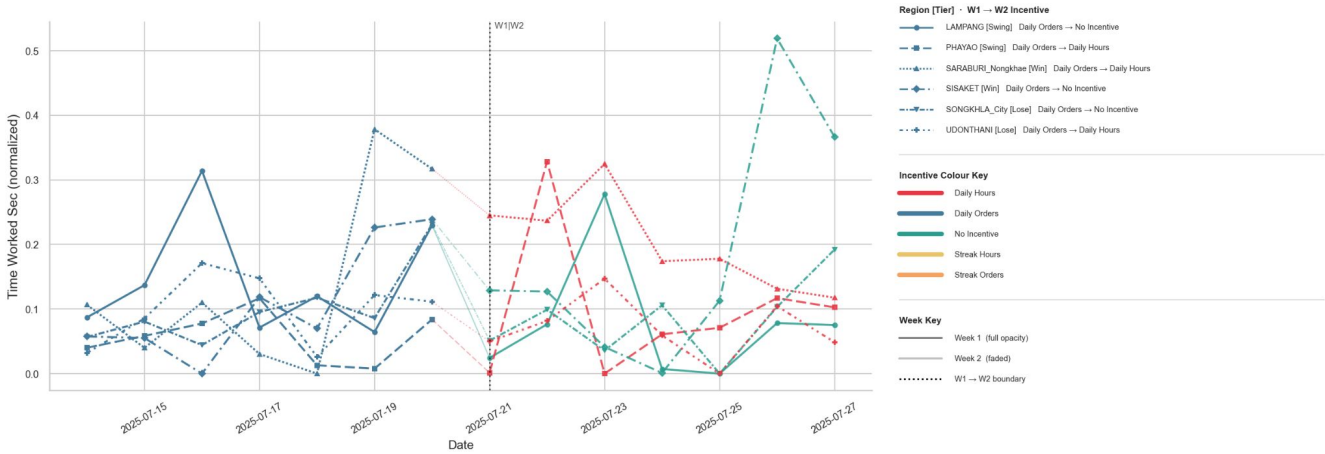
Incentive

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

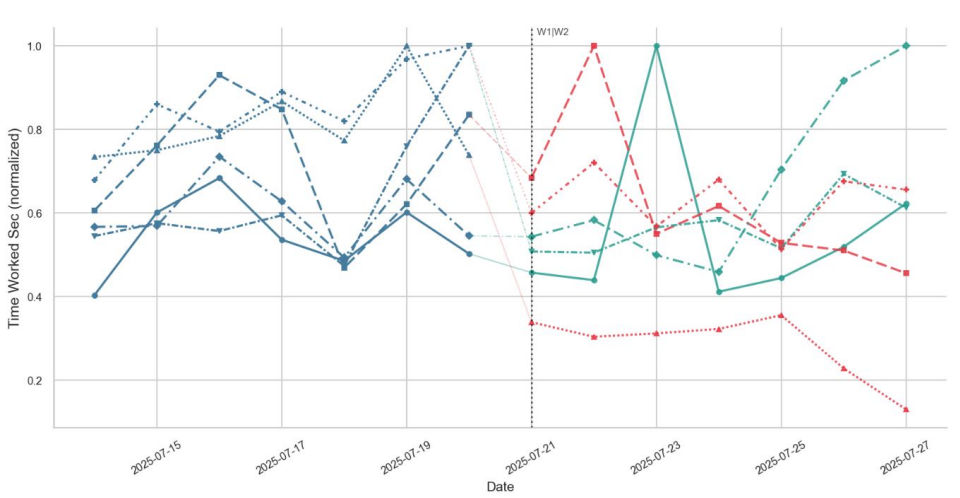
Week

- Week 1
- Week 2
- W1 → W2 boundary

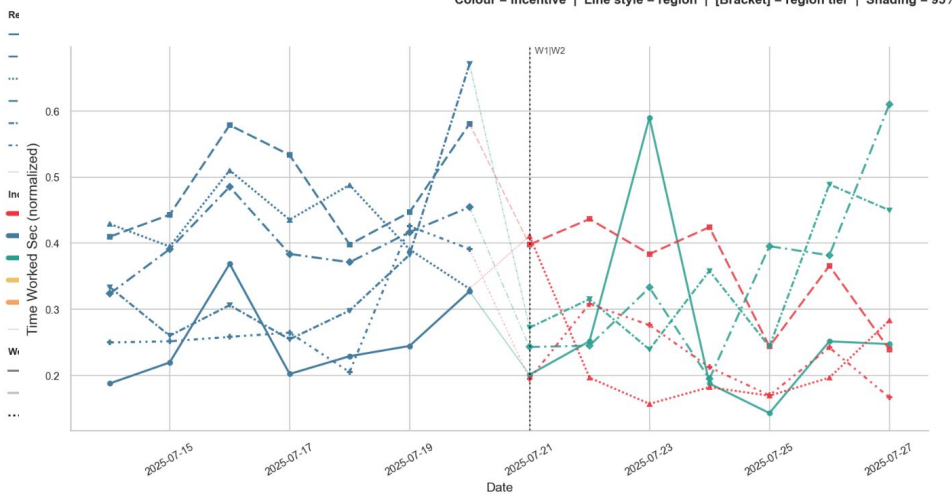
Time Worked Sec (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



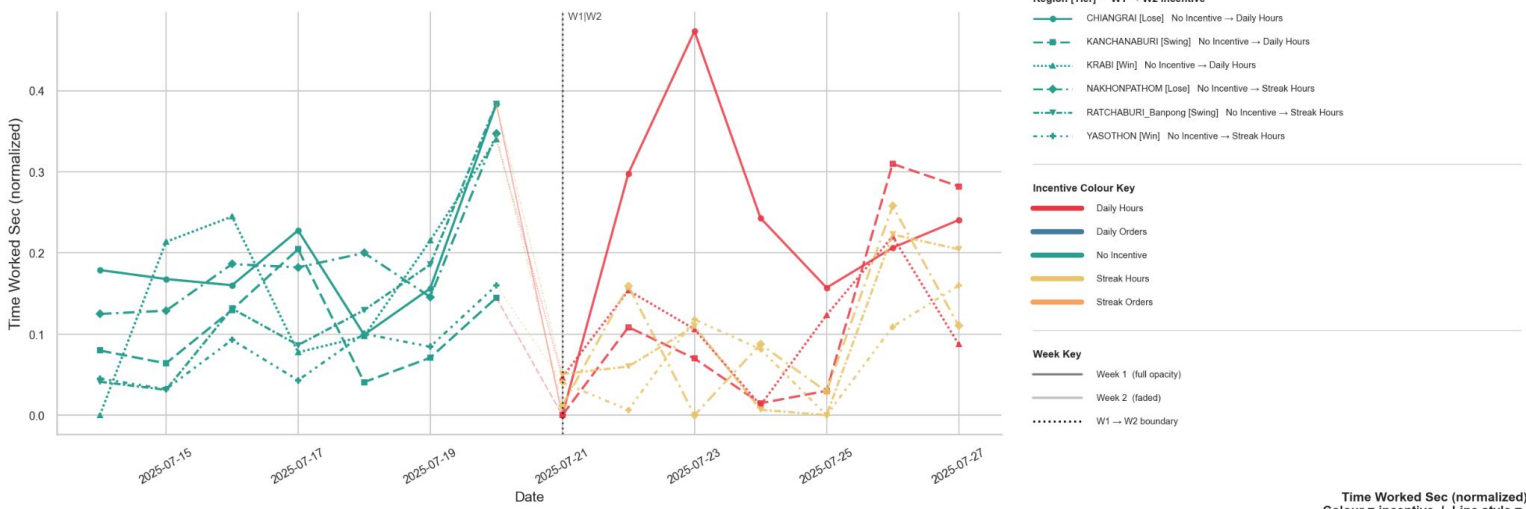
Time Worked Sec (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



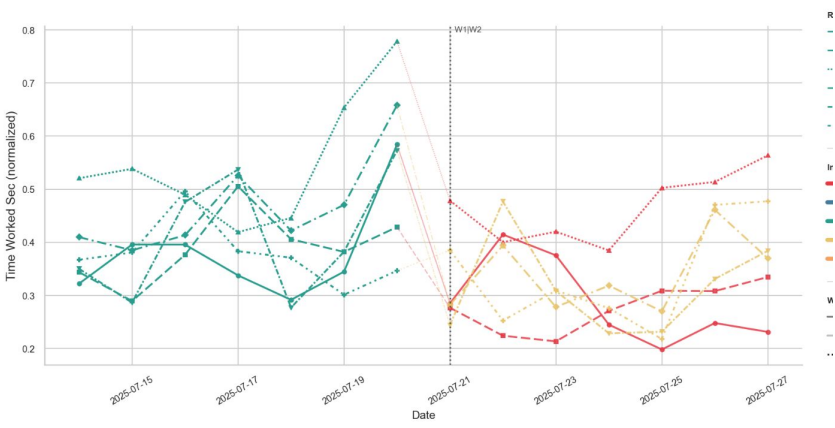
Time Worked Sec (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



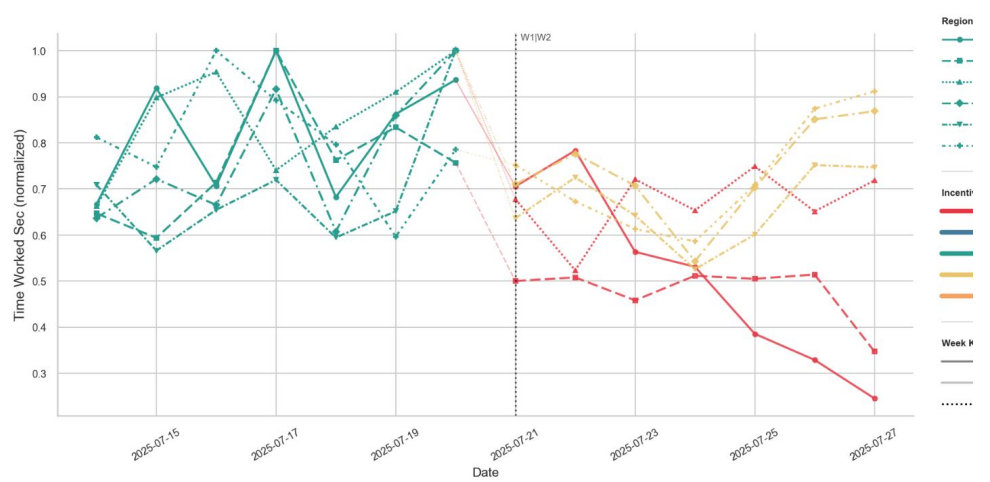
Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



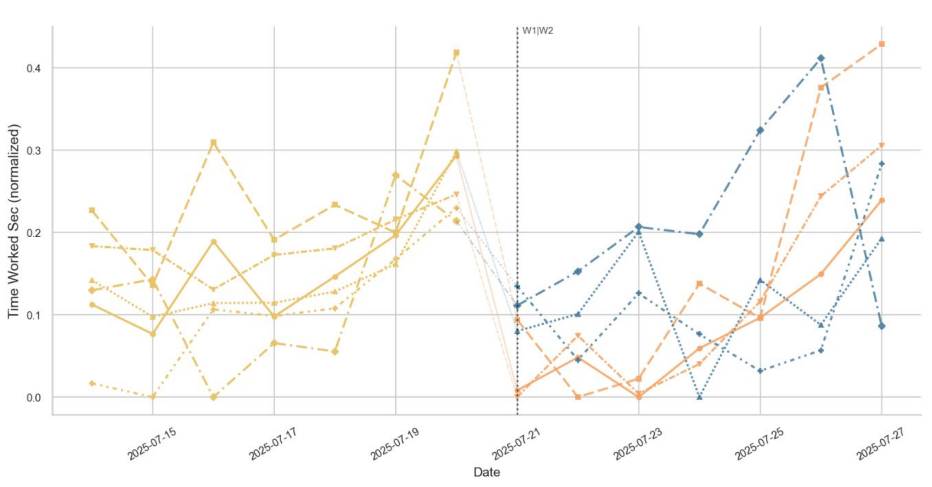
Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Time Worked Sec (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- HAT YA [Lose] Streak Hours → Streak Orders
- PHETCHABURI_Chaam [Swing] Streak Hours → Streak Orders
- PRACHINBURI [Swing] Streak Hours → Daily Orders
- SAKAE0_Aranyaprathet [Win] Streak Hours → Daily Orders
- TRAT [Win] Streak Hours → Streak Orders
- UTTARADIT [Lose] Streak Hours → Daily Orders

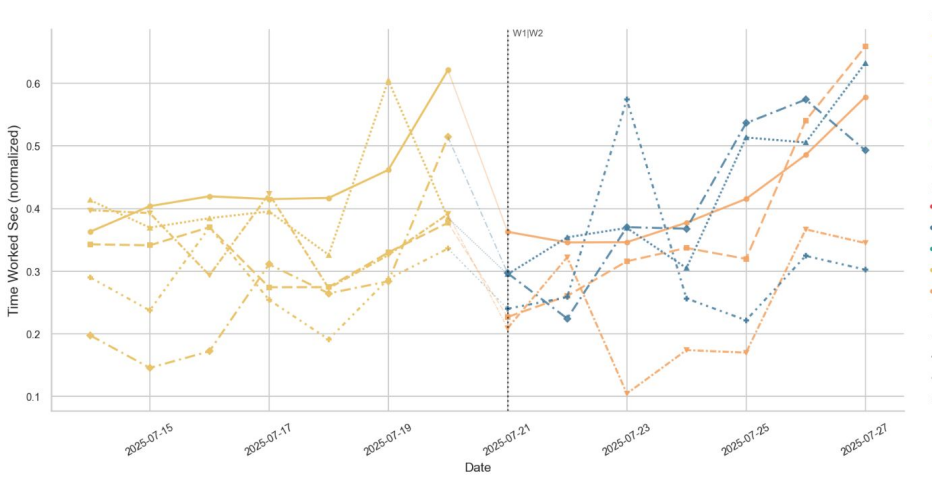
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

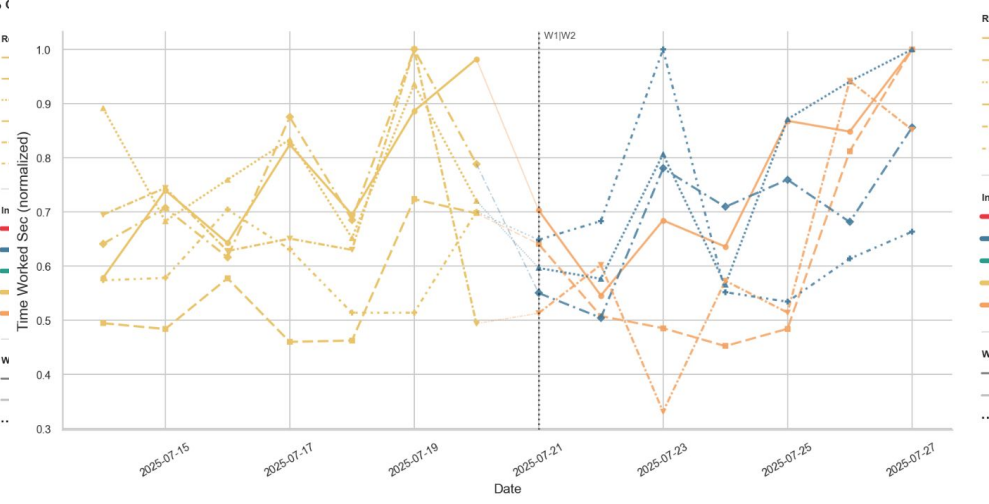
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

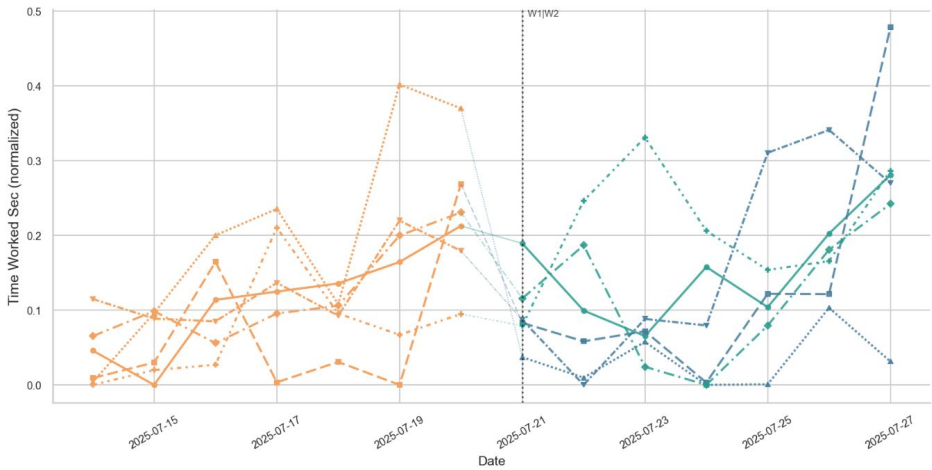
Time Worked Sec (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Time Worked Sec (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI

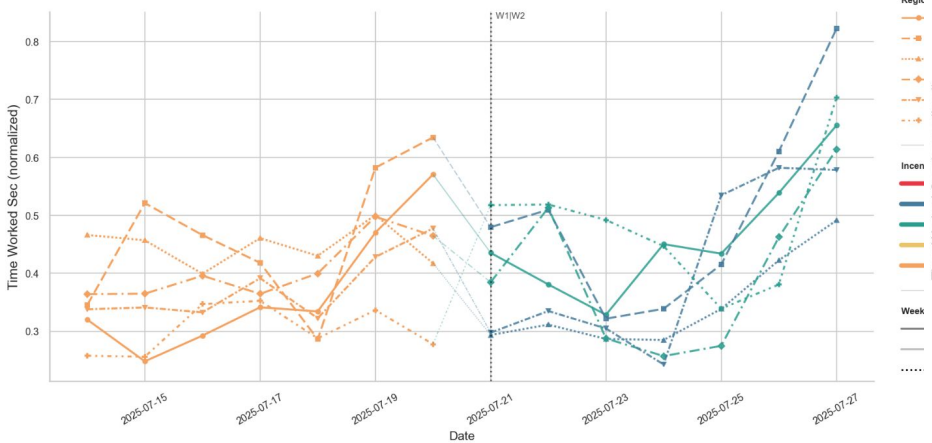


- Region [Tier] · W1 → W2 Incentive**
- KHONKAEN [Lose] Streak Orders → No Incentive
 - - -●- NAKHONNAYOK [Win] Streak Orders → Daily Orders
 - NAKHONSANWAN [Lose] Streak Orders → Daily Orders
 - - -●- SAKONNAKHON [Win] Streak Orders → No Incentive
 - - -●- SURIN [Swing] Streak Orders → Daily Orders
 - TAK_Masot [Swing] Streak Orders → No Incentive

- Incentive Colour Key**
- █ Daily Hours
 - █ Daily Orders
 - █ No Incentive
 - █ Streak Hours
 - █ Streak Orders

- Week Key**
- Week 1 (full capacity)
 - - - Week 2 (faded)
 - W1 → W2 boundary

Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI

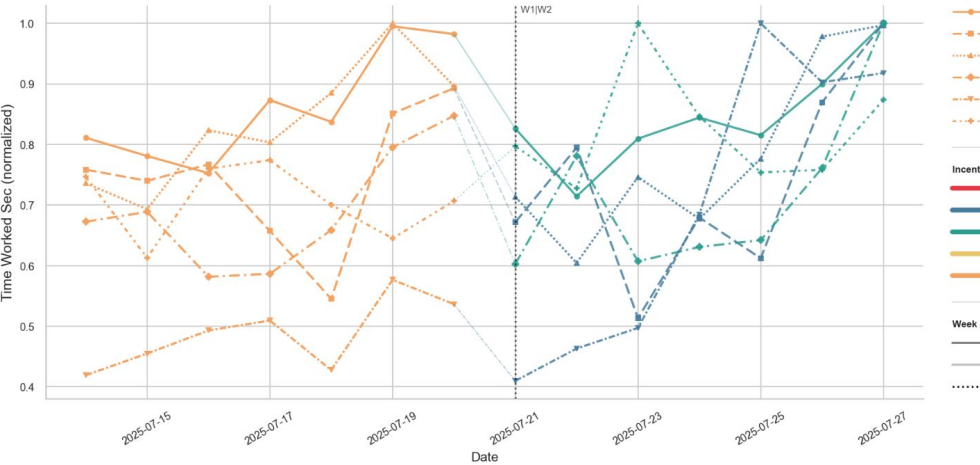


- Region**
- KHONKAEN
 - - -●- NAKHONNAYOK
 - NAKHONSANWAN
 - - -●- SAKONNAKHON
 - - -●- SURIN
 - TAK_Masot

- Incentive**
- █ Daily Hours
 - █ Daily Orders
 - █ No Incentive
 - █ Streak Hours
 - █ Streak Orders

- Week**
- Week 1 (full capacity)
 - - - Week 2 (faded)
 - W1 → W2 boundary

Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



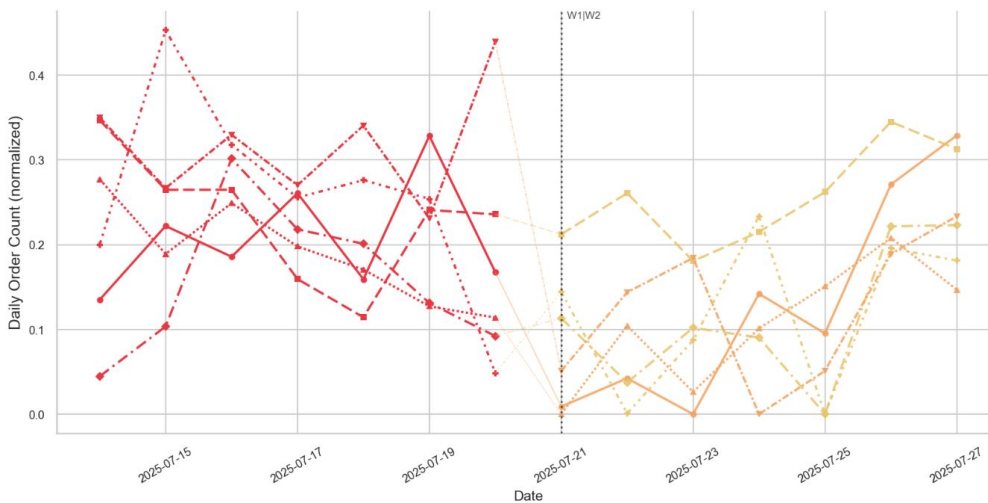
- Region**
- KHONKAEN
 - - -●- NAKHONNAYOK
 - NAKHONSANWAN
 - - -●- SAKONNAKHON
 - - -●- SURIN
 - TAK_Masot

- Incentive**
- █ Daily Hours
 - █ Daily Orders
 - █ No Incentive
 - █ Streak Hours
 - █ Streak Orders

- Week**
- Week 1 (full capacity)
 - - - Week 2 (faded)
 - W1 → W2 boundary

Orders Completed

Daily Order Count (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHANTHABURI [Lose] Daily Hours → Streak Orders
- CHUMPHON [Win] Daily Hours → Streak Hours
- NAKHONSRITHAMMARAT [Swing] Daily Hours → Streak Orders
- NONGKHAI [Swing] Daily Hours → Streak Hours
- SARABURI_Phraphutthabat [Win] Daily Hours → Streak Orders
- SURATTHANI_City [Lose] Daily Hours → Streak Hours

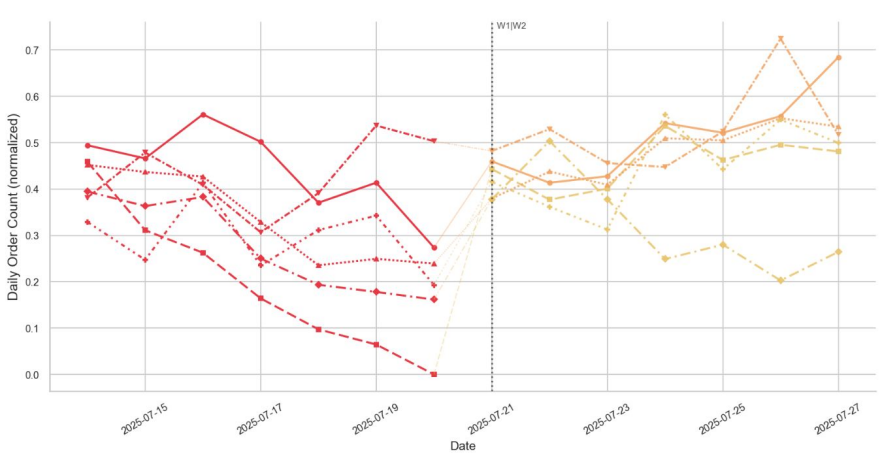
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHANTHABURI [Lose] Daily Hours → Streak Orders
- CHUMPHON [Win] Daily Hours → Streak Hours
- NAKHONSRITHAMMARAT [Swing] Daily Hours → Streak Orders
- NONGKHAI [Swing] Daily Hours → Streak Hours
- SARABURI_Phraphutthabat [Win] Daily Hours → Streak Orders
- SURATTHANI_City [Lose] Daily Hours → Streak Hours

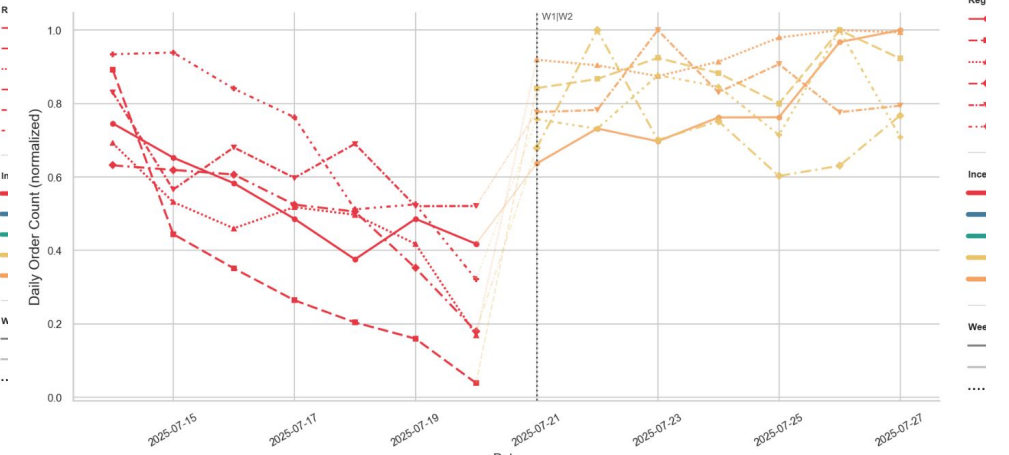
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

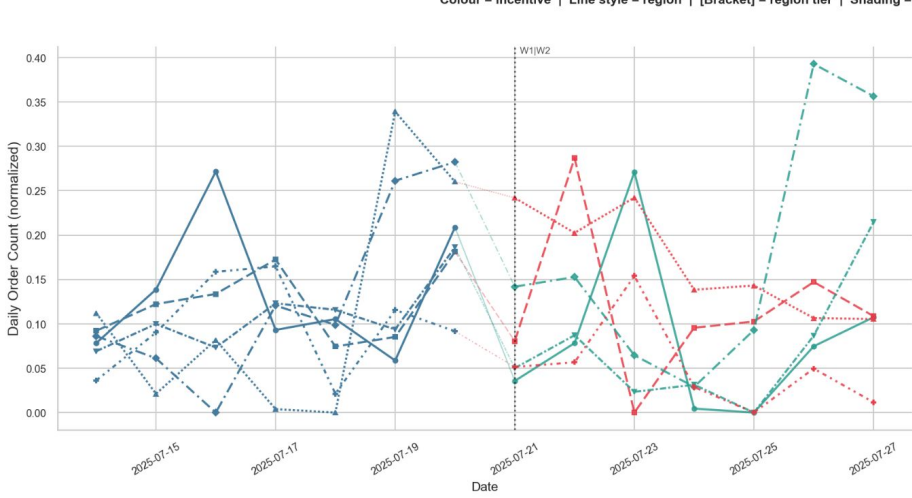
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Daily Order Count (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom

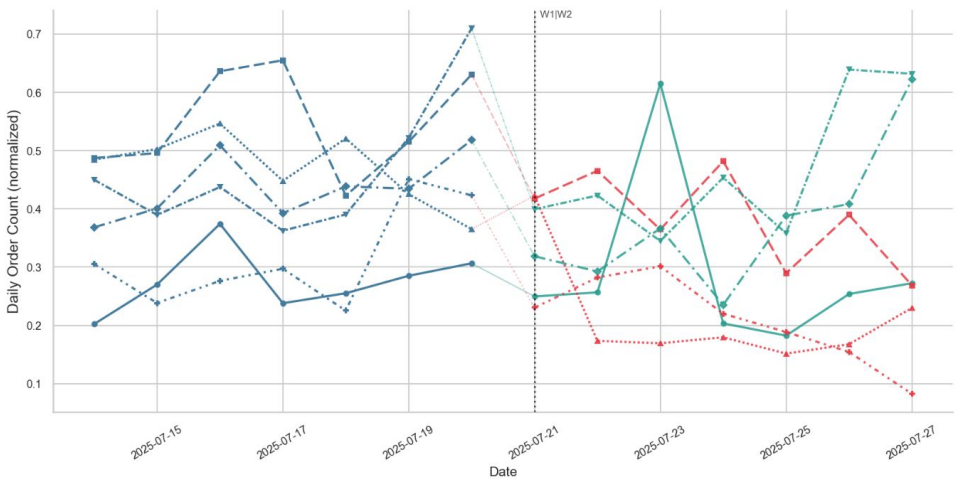


- Region [Tier] · W1 → W2 Incentive**
- LAMPANG [Swing] Daily Orders → No Incentive
 - - -●- PHAYAO [Swing] Daily Orders → Daily Hours
 - SARABURI_Nongkhae [Win] Daily Orders → Daily Hours
 - · -●- SISAKET [Win] Daily Orders → No Incentive
 - · - · - SONGKHLA_City [Lose] Daily Orders → No Incentive
 - · - · - UDONTHANI [Lose] Daily Orders → Daily Hours

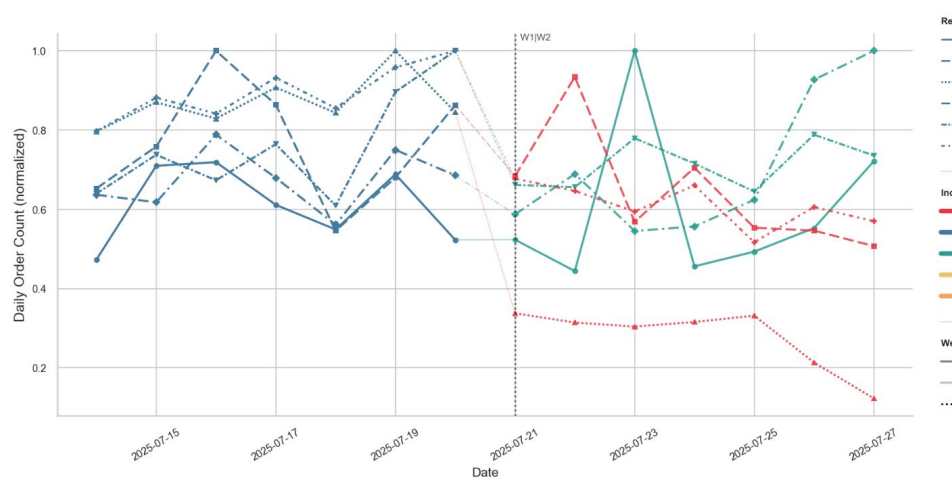
- Incentive Colour Key**
- Red: Daily Hours
 - Blue: Daily Orders
 - Green: No Incentive
 - Yellow: Streak Hours
 - Orange: Streak Orders

- Week Key**
- Week 1 (full opacity)
 - - - Week 2 (faded)
 - W1 → W2 boundary

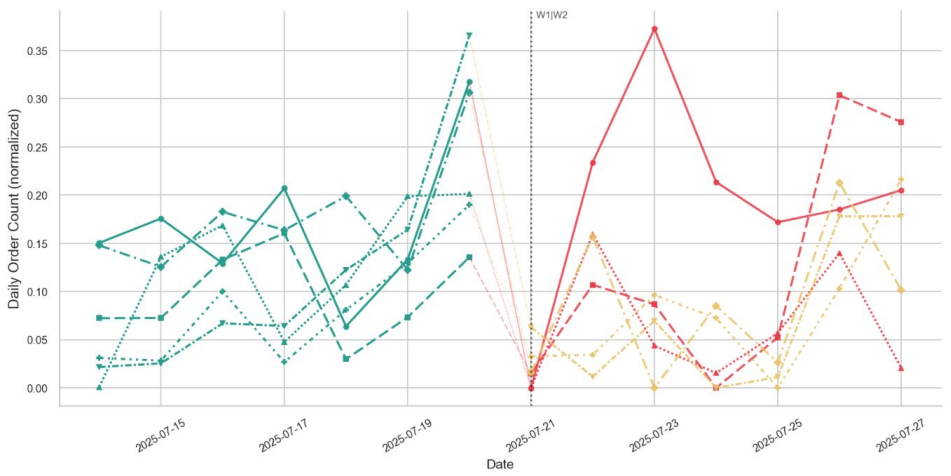
Daily Order Count (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid



Daily Order Count (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top



Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] - W1 → W2 Incentive

- CHANGRAI [Lose] No Incentive → Daily Hours
- KANCHANABURI [Swing] No Incentive → Daily Hours
- KRABI [Win] No Incentive → Daily Hours
- NAKHONPATHOM [Lose] No Incentive → Streak Hours
- RATCHABURI_Banpong [Swing] No Incentive → Streak Hours
- YASOTHON [Win] No Incentive → Streak Hours

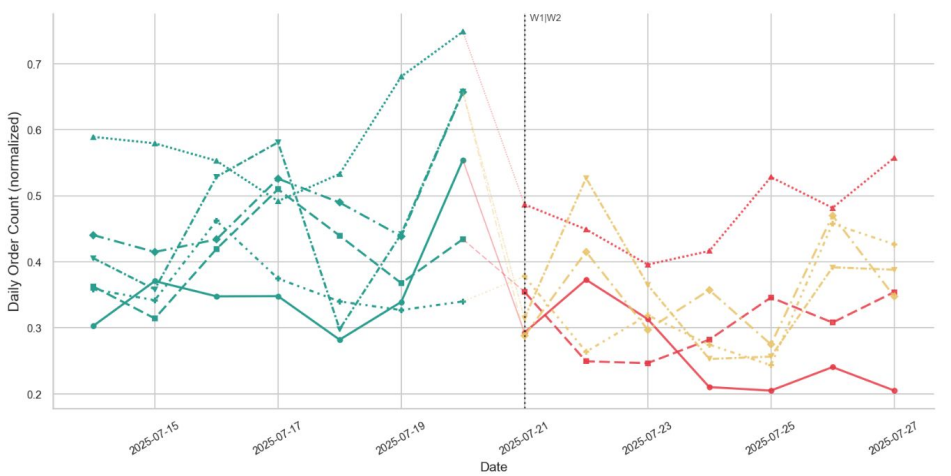
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [T

- CHANGRAI [Lose]
- KANCHANABURI [Swing]
- KRABI [Win]
- NAKHONPATHOM [Lose]
- RATCHABURI_Banpong [Swing]
- YASOTHON [Win]

Incentive

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

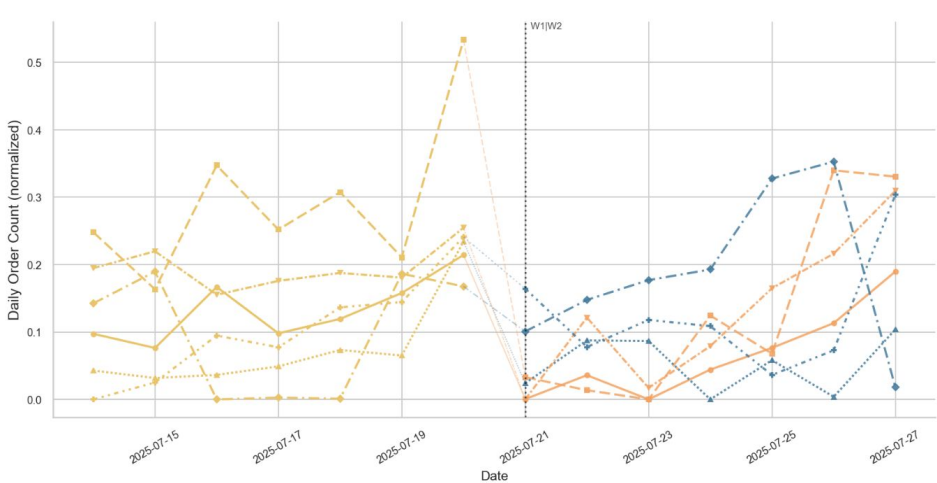
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] - W1 → W2 Incentive

- HAT'YA [Lose] Streak Hours → Streak Orders
- PHETCHABURI_Chaam [Swing] Streak Hours → Streak Orders
- PRACHINBURI [Swing] Streak Hours → Daily Orders
- SAKAE0_Aranyaprathet [Win] Streak Hours → Daily Orders
- TRAT [Win] Streak Hours → Streak Orders
- UTTARADIT [Lose] Streak Hours → Daily Orders

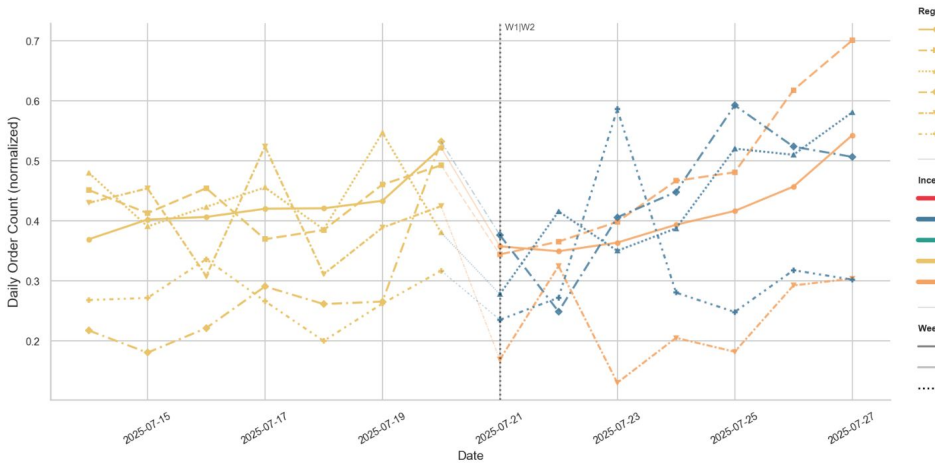
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Reg

- HAT'YA
- PHETCHABURI_Chaam
- PRACHINBURI
- SAKAE0_Aranyaprathet
- TRAT
- UTTARADIT

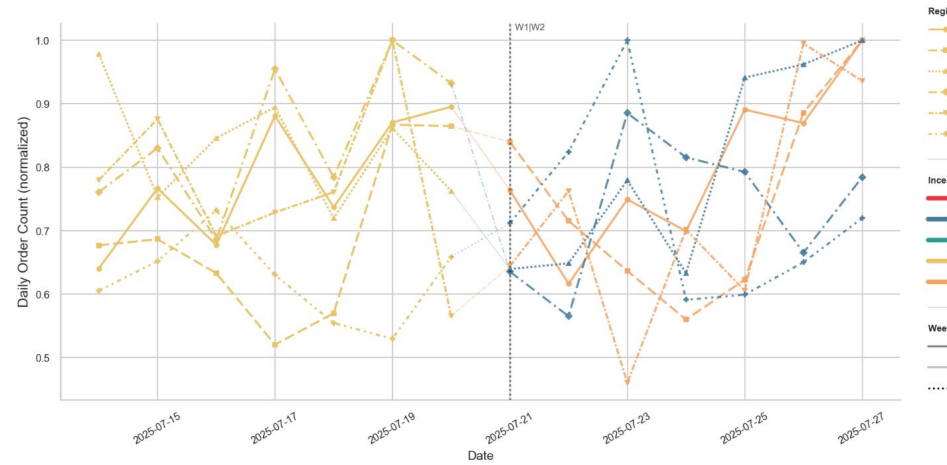
Ince

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Wee

- Week 1
- Week 2
- W1 → W2 boundary

Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Regio

- HAT'YA
- PHETCHABURI_Chaam
- PRACHINBURI
- SAKAE0_Aranyaprathet
- TRAT
- UTTARADIT

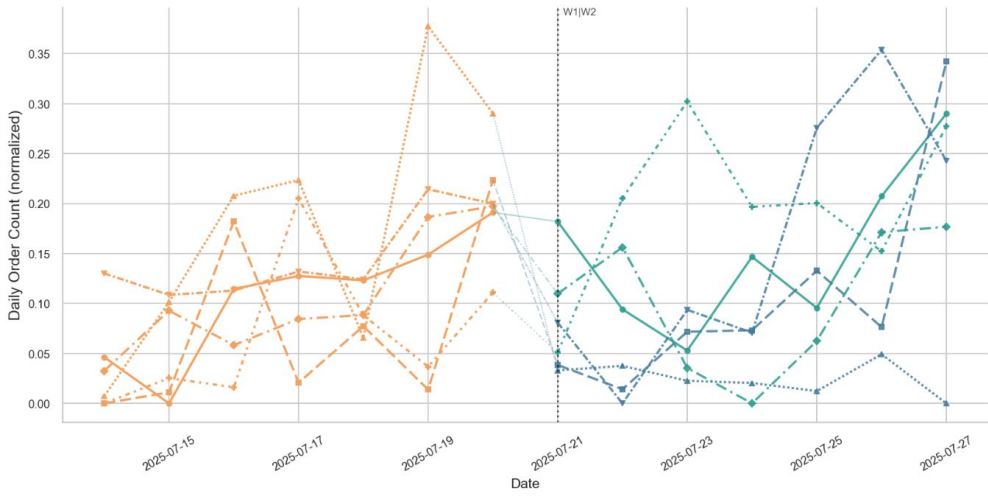
Incent

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week

- Week 1
- Week 2
- W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI

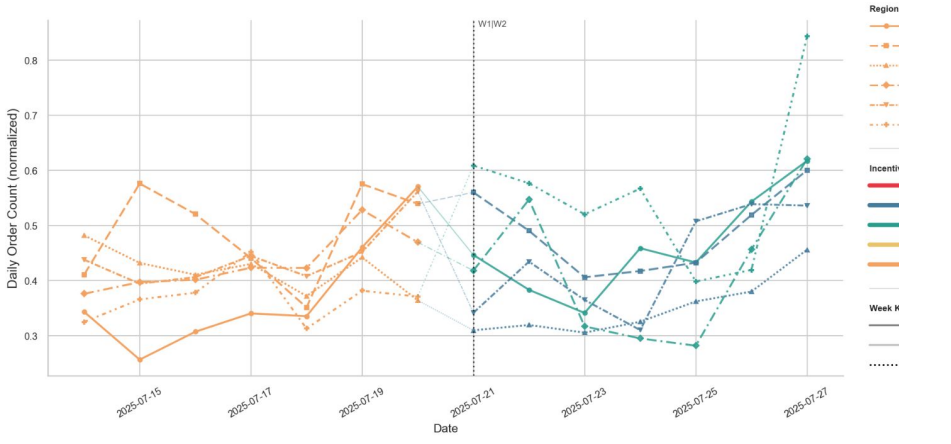


- Region [Tier] · W1 → W2 Incentive**
- KHONKAEN [Lose] Streak Orders → No Incentive
 - NAKHONNAYOK [Win] Streak Orders → Daily Orders
 - ▲— NAKHONSAWAN [Lose] Streak Orders → Daily Orders
 - ◆— SAKONNAKHON [Win] Streak Orders → No Incentive
 - ◇— SURIN [Swing] Streak Orders → Daily Orders
 - ◇— TAK_Maesot [Swing] Streak Orders → No Incentive

- Incentive Colour Key**
- █ Daily Hours
 - █ Daily Orders
 - █ No Incentive
 - █ Streak Hours
 - █ Streak Orders

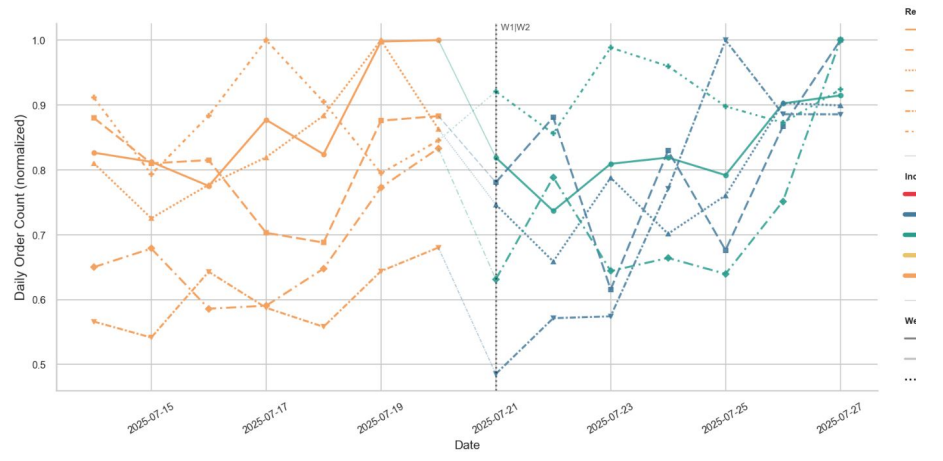
- Week Key**
- Week 1 (full opacity)
 - Week 2 (faded)
 - ⋯ W1 → W2 boundary

Daily Order Count (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



- Region**
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 - ◇—
- Incentive**
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- Week k**
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 - ⋯

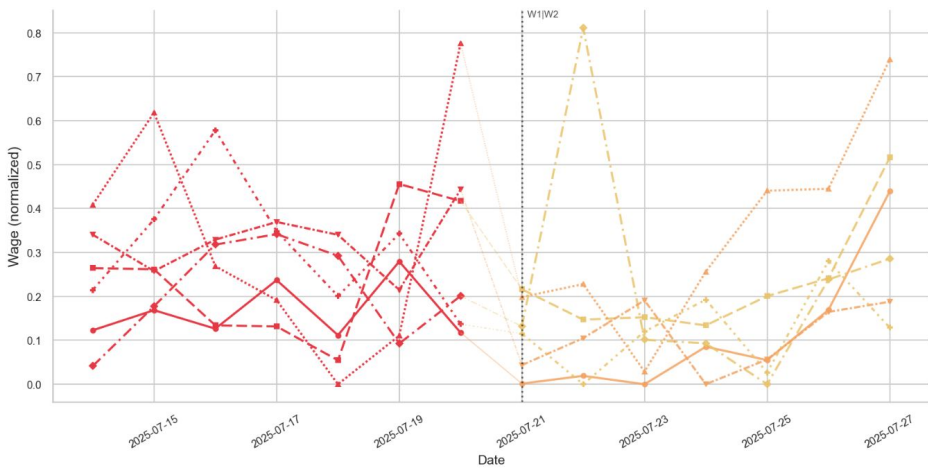
Daily Order Count (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



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- W1**
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 - ⋯

Total Wage

Wage (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHANTHABURI [Lose] Daily Hours → Streak Orders
- CHUMPHON [Win] Daily Hours → Streak Hours
- NAKHONSITHAMMARAT [Swing] Daily Hours → Streak Orders
- ◆— NONGKHAI [Swing] Daily Hours → Streak Hours
- SARABURI_Phraphutthabat [Win] Daily Hours → Streak Orders
- ◆— SURATTHANI_City [Lose] Daily Hours → Streak Hours

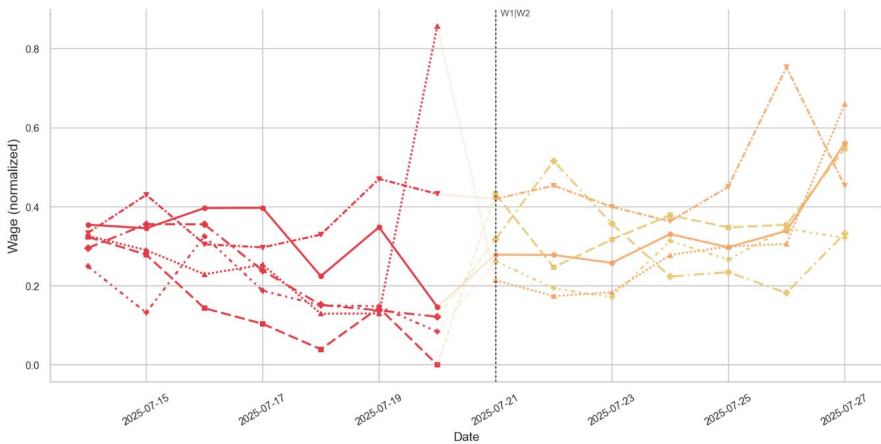
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

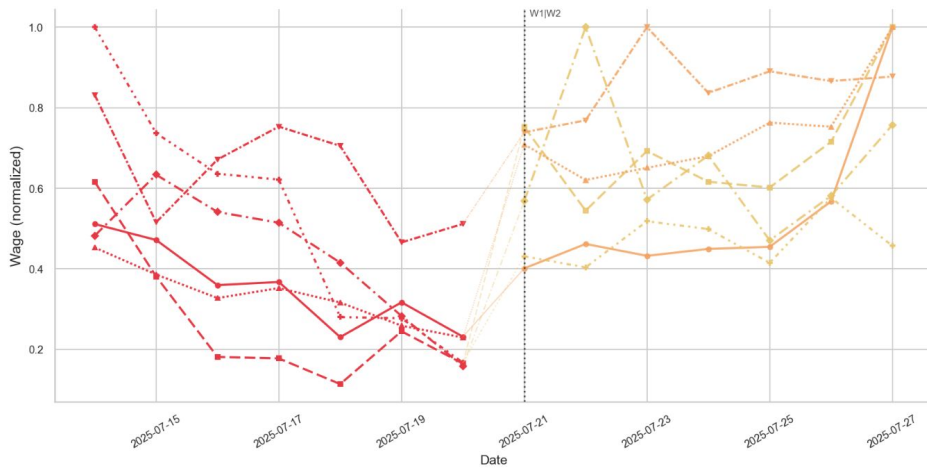
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

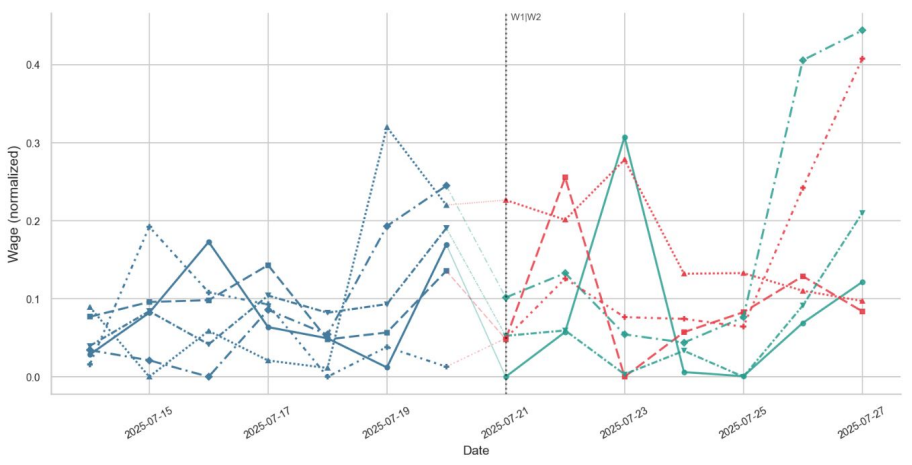
Wage (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading =



Wage (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading =



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI

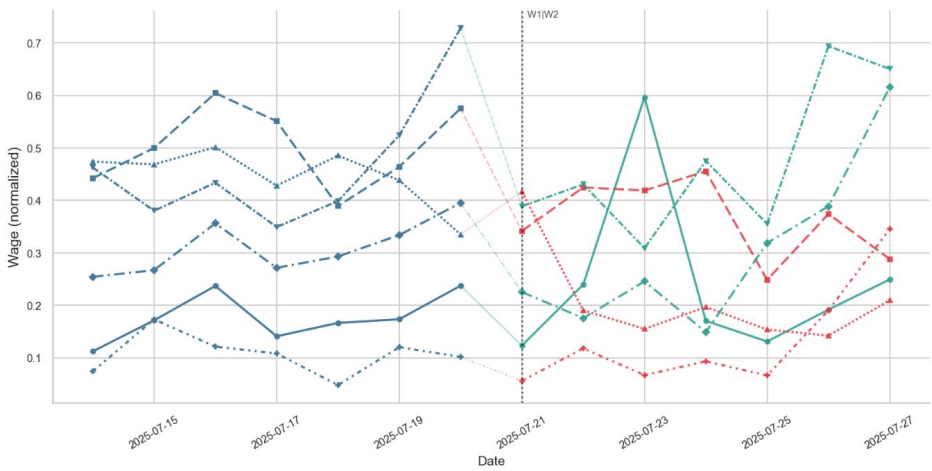


- Region [Tier] · W1 – W2 Incentive**
- LAMPANG [Swing] Daily Orders → No Incentive
 - PHAYAO [Swing] Daily Orders → Daily Hours
 - SARABURI [Nongkhae [Win] Daily Orders → Daily Hours
 - SISAKET [Win] Daily Orders → No Incentive
 - SONGKHLA [City [Lose] Daily Orders → No Incentive
 - UDONTHAN [Lose] Daily Orders → Daily Hours

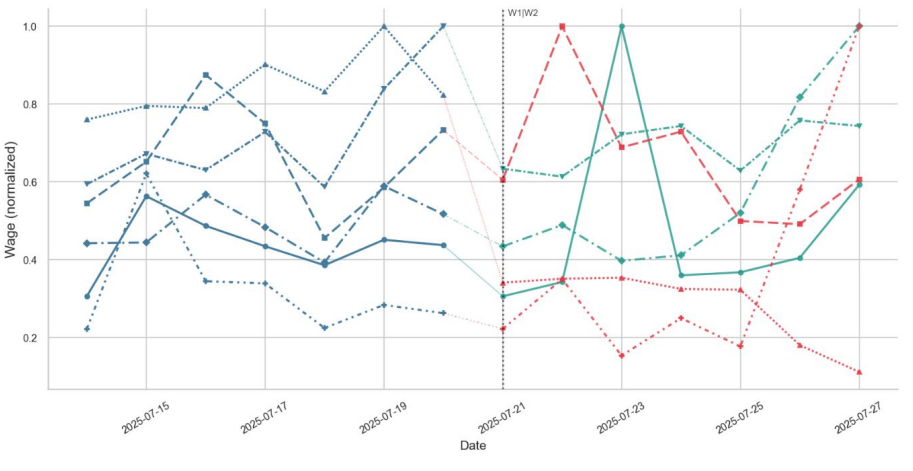
- Incentive Colour Key**
- Daily Hours
 - Daily Orders
 - No Incentive
 - Streak Hours
 - Streak Orders

- Week Key**
- Week 1 (full capacity)
 - Week 2 (faded)
 - W1 – W2 boundary

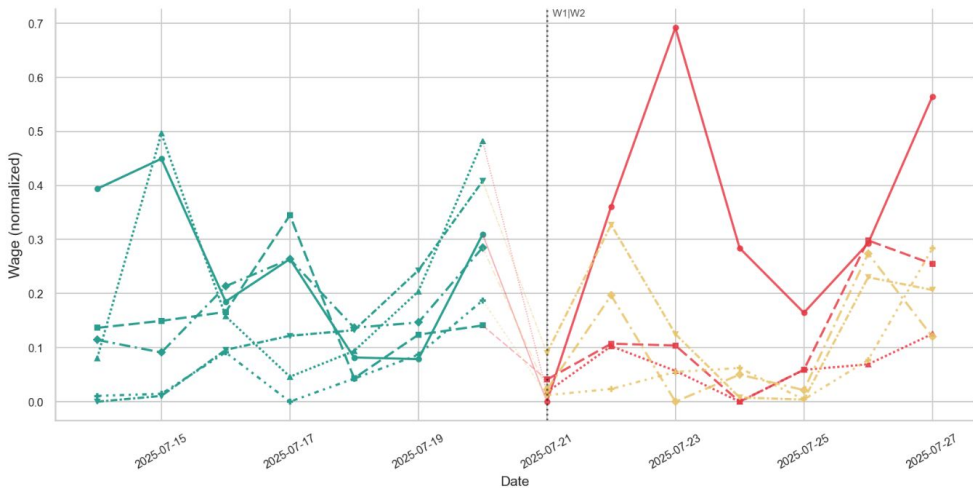
Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- CHIANGRAI [Lose] No Incentive → Daily Hours
- KANCHANABURI [Swing] No Incentive → Daily Hours
- KRABI [Win] No Incentive → Daily Hours
- NAKHONPATHOM [Lose] No Incentive → Streak Hours
- RATCHABURI_Sarpong [Swing] No Incentive → Streak Hours
- YASOTHON [Win] No Incentive → Streak Hours

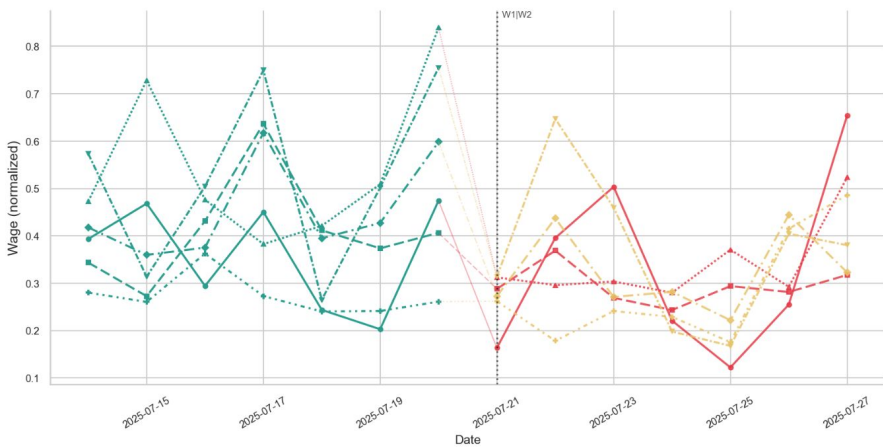
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

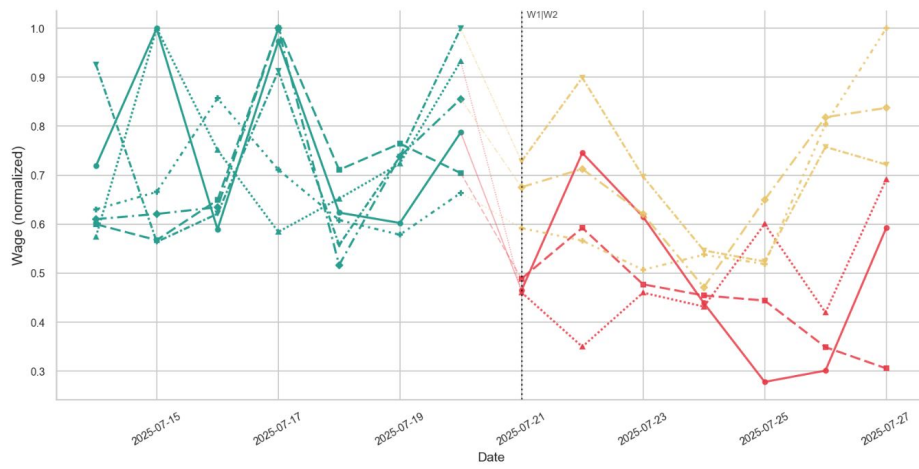
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

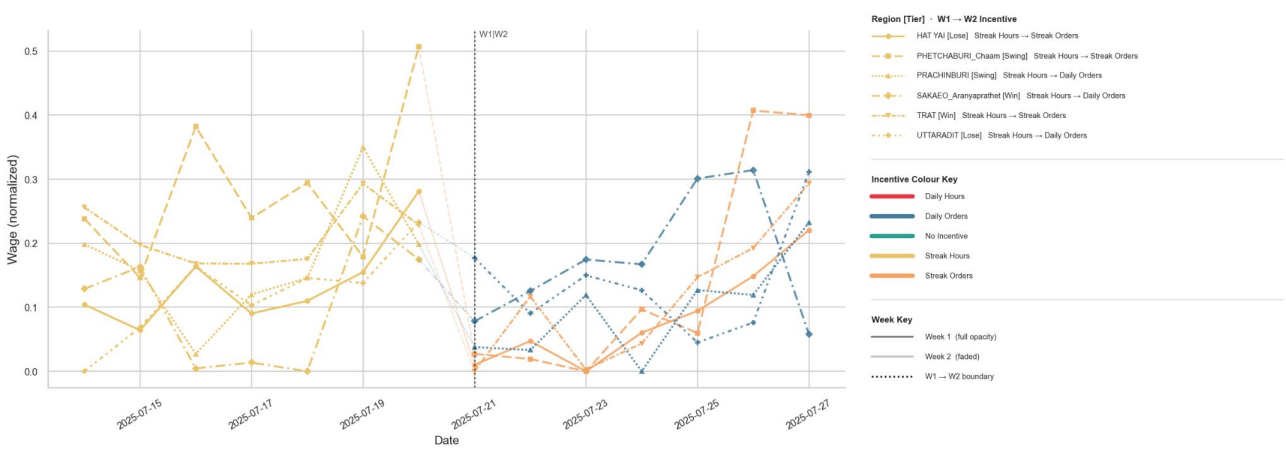
Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



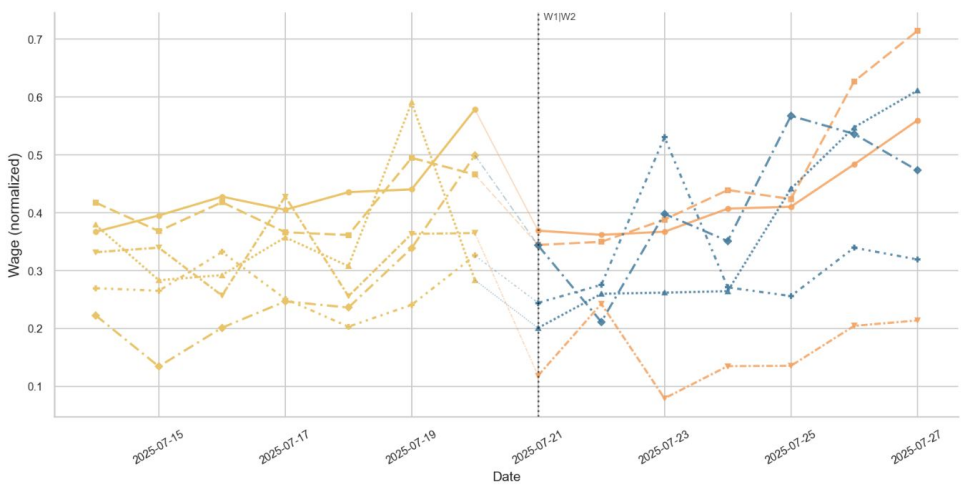
Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



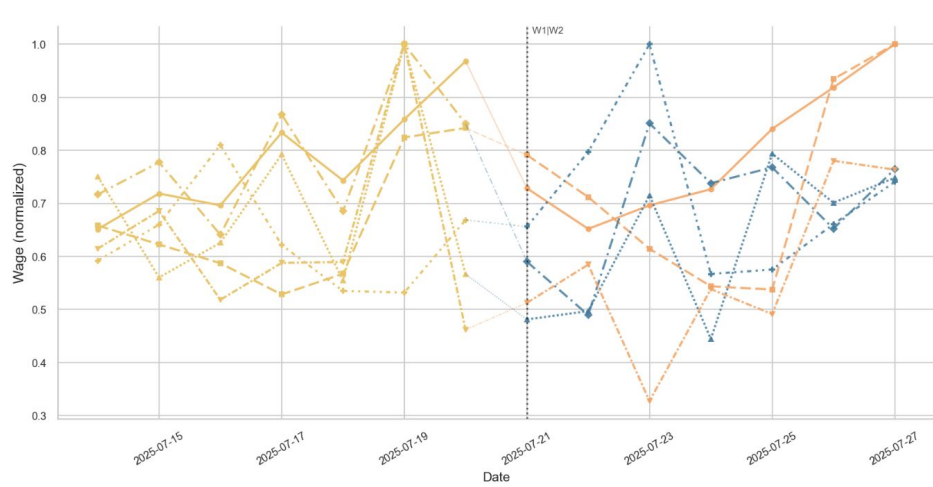
Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



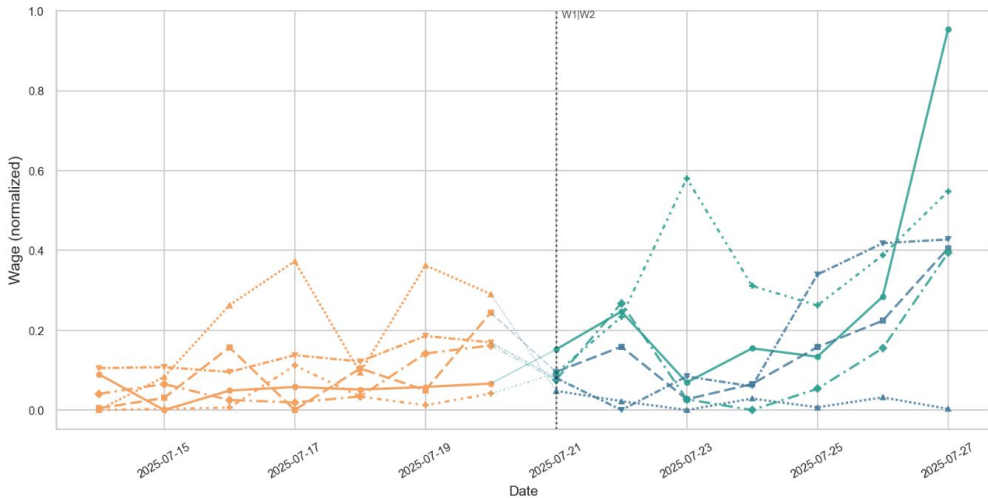
Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



Region [Tier] · W1 → W2 Incentive

- KHONKAEN [Loss] Streak Orders → No Incentive
- - -○- NAKHONNAYOK [Win] Streak Orders → Daily Orders
- ...○... NAKHONSAWAN [Loss] Streak Orders → Daily Orders
- - -○- SAKONNAKHON [Win] Streak Orders → No Incentive
- - -○- SURIN [Swing] Streak Orders → Daily Orders
- - -○- TAK_Maesot [Swing] Streak Orders → No Incentive

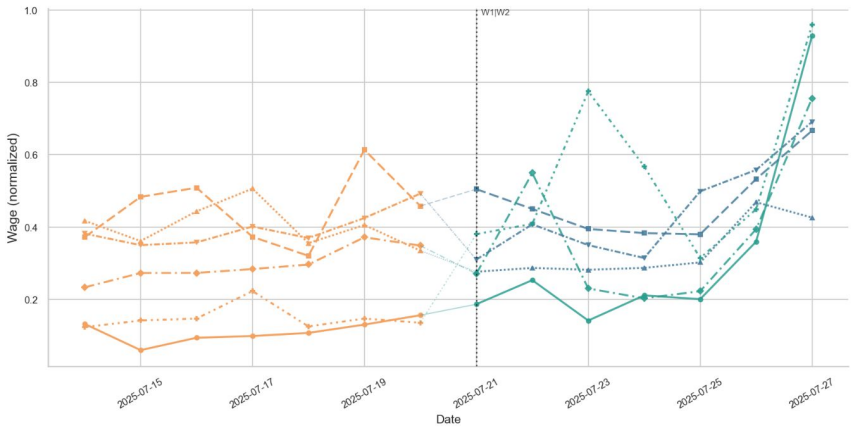
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

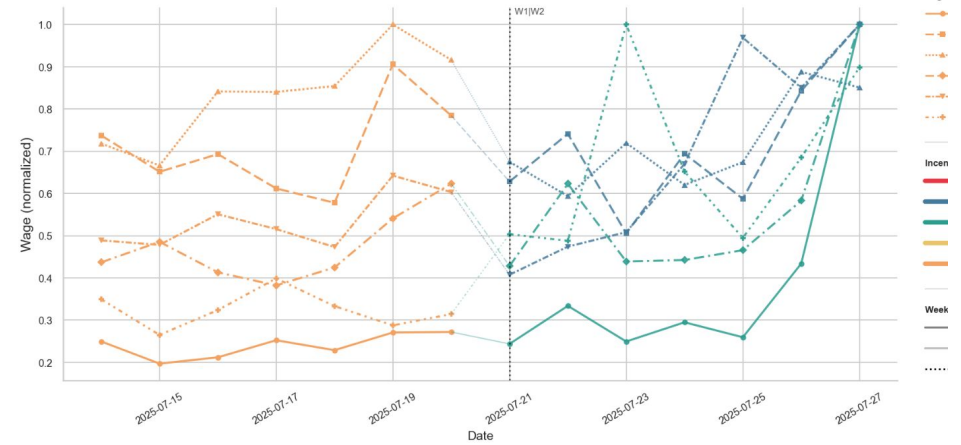
Week Key

- Week 1 (full opacity)
- - - Week 2 (faded)
- ... W1 → W2 boundary

Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 9



Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Colour = incentive | Line style = region | [Bracket] = region tier | Shading = 95% CI



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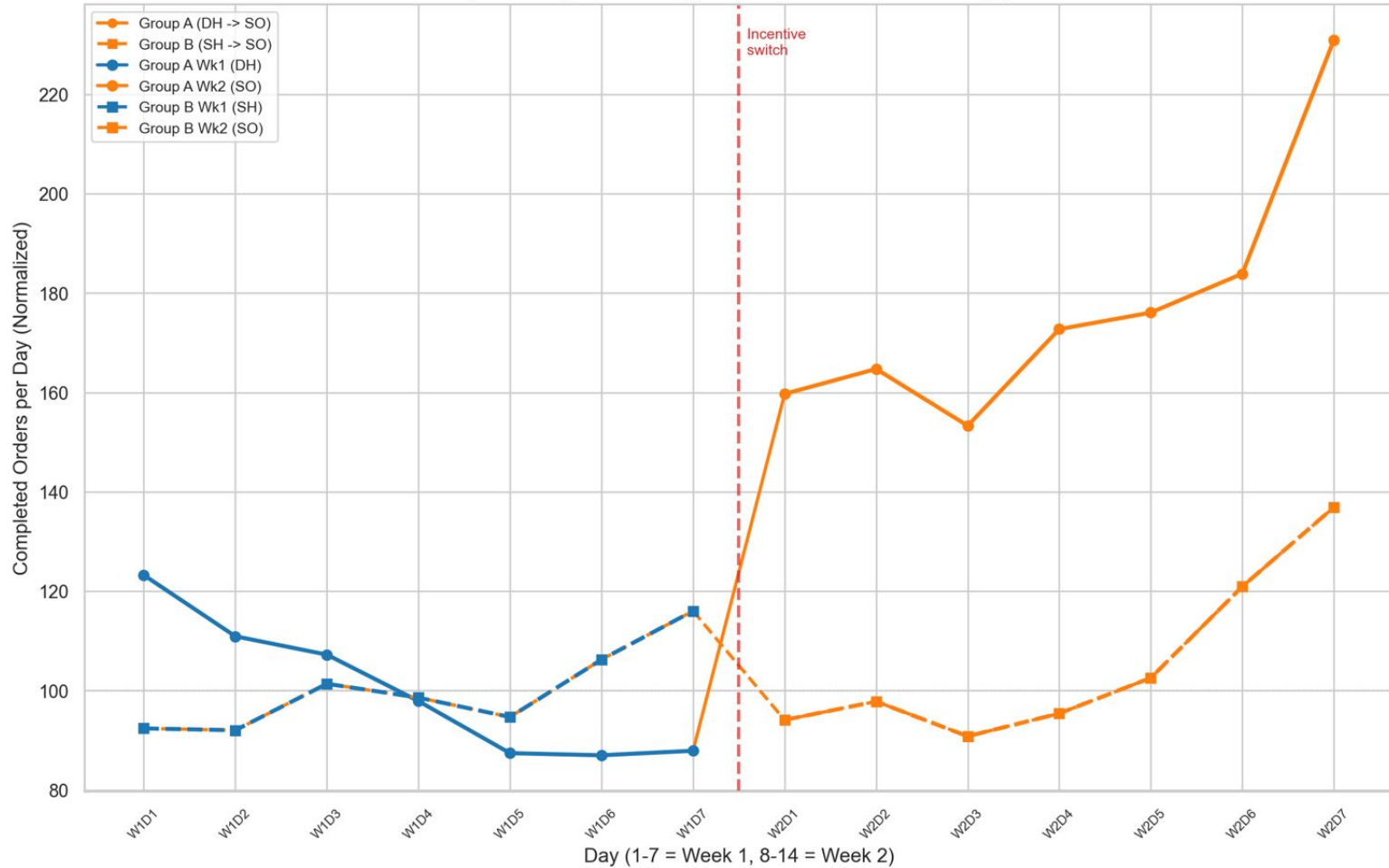
-
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Week

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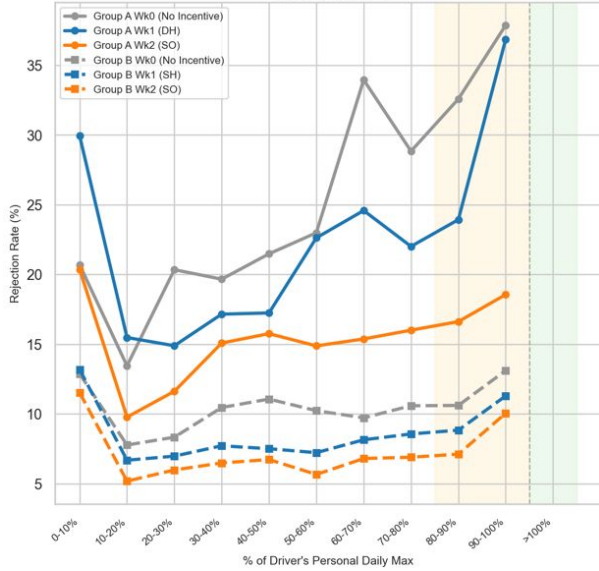
Sequencing attempt

Driver-Level Transition: How Quickly Do Drivers Adapt?
(Continuing drivers only, normalized to own Wk1 average)

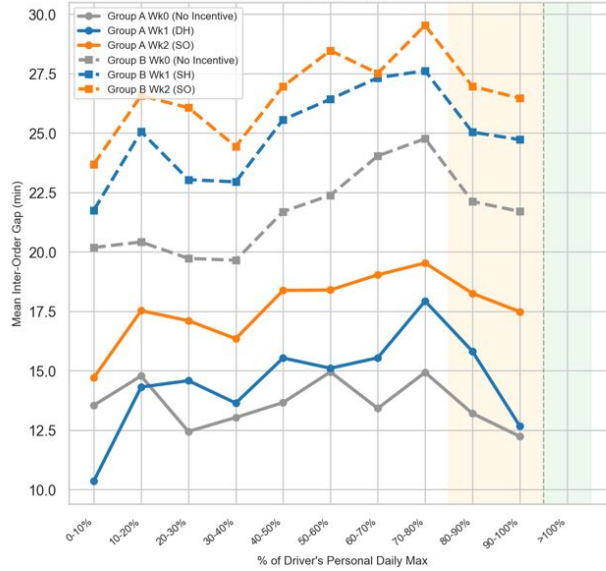


Comparative: Goal Proximity — Driver Behaviour Relative to Daily Max
(Personal daily max used as proxy goal threshold)

Selectivity near goal



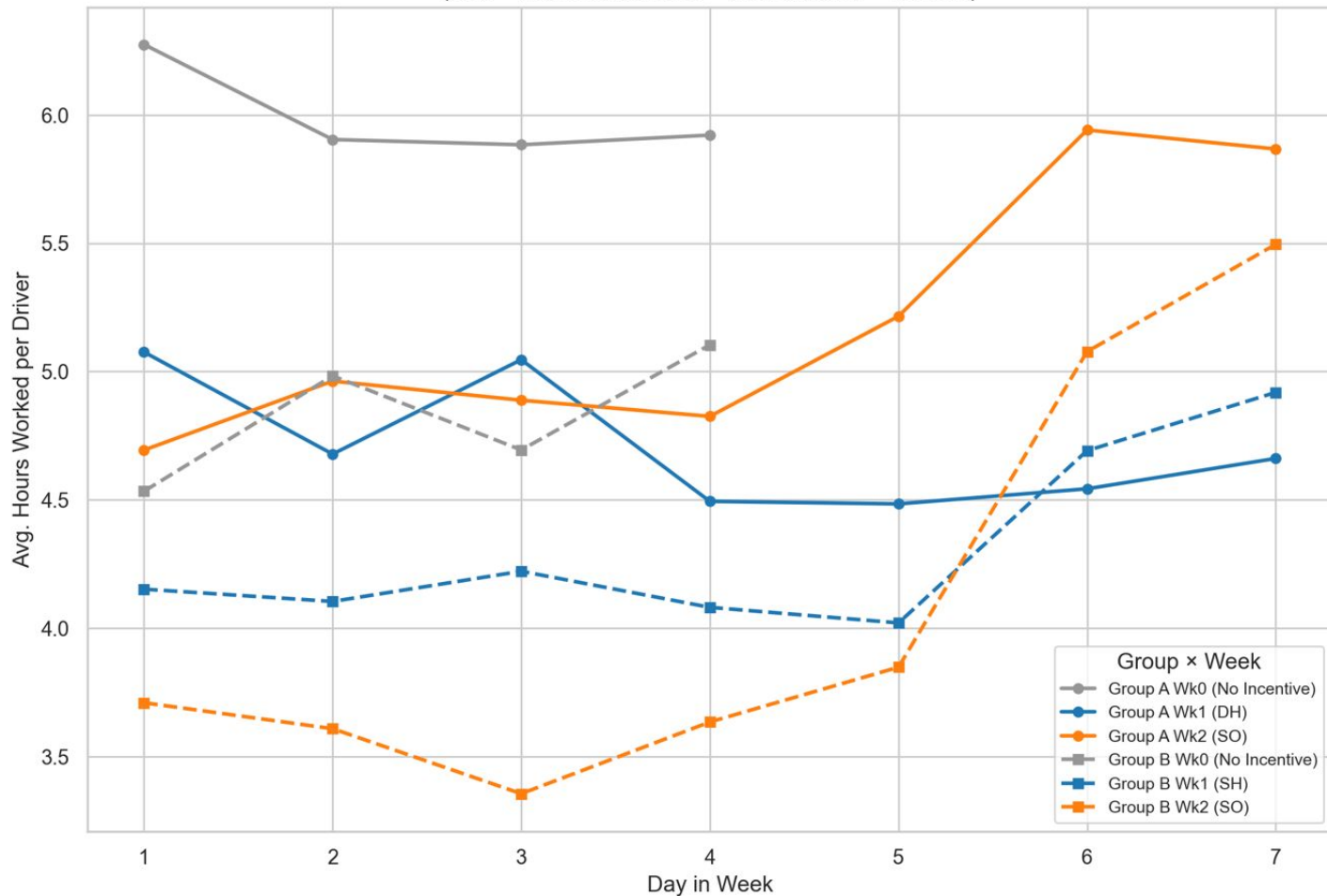
Pace near goal



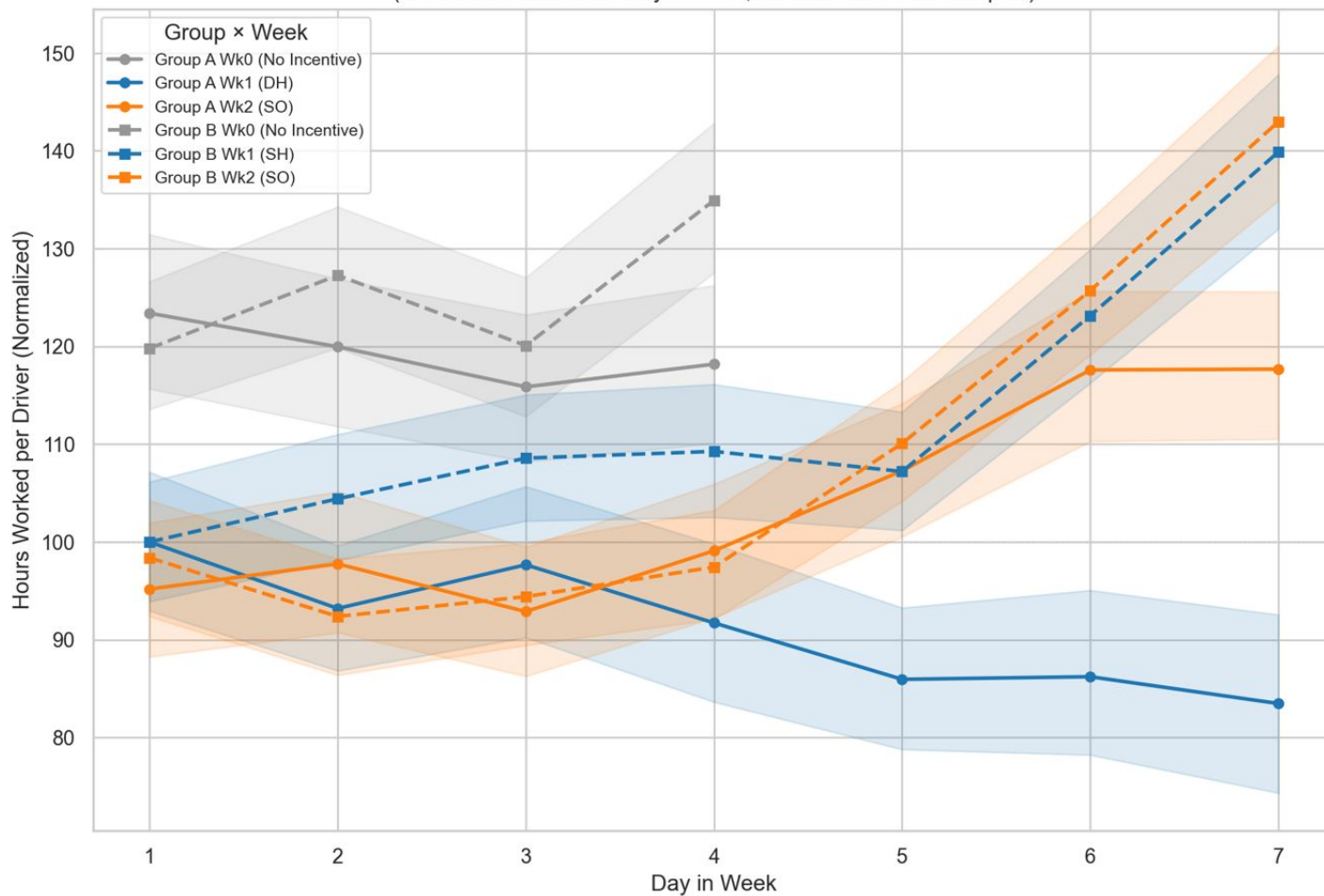
Efficiency near goal



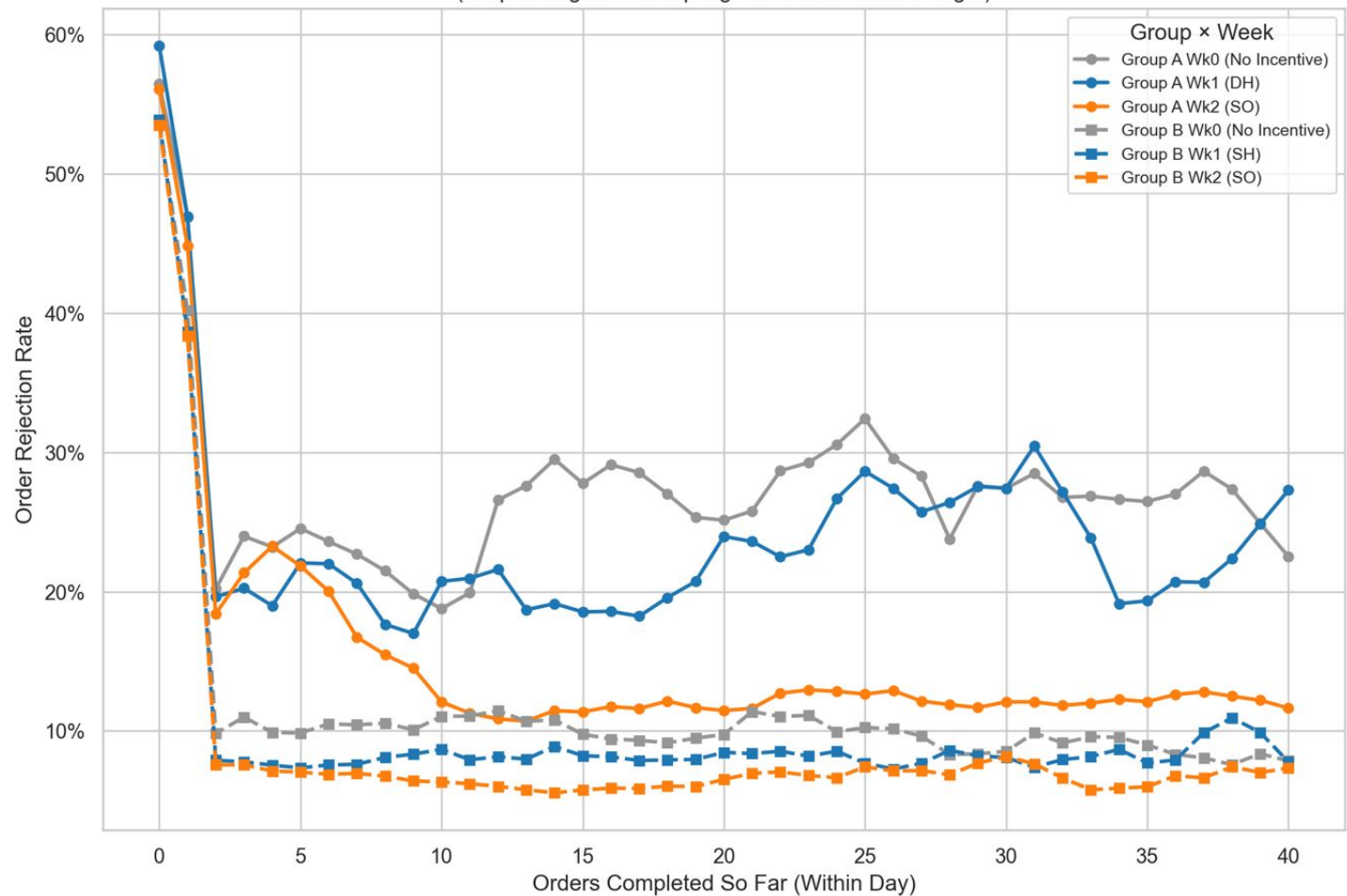
Comparative: Hours Worked per Driver-Day
(Wk0 = No Incentive; Wk1 = different; Wk2 = both SO)



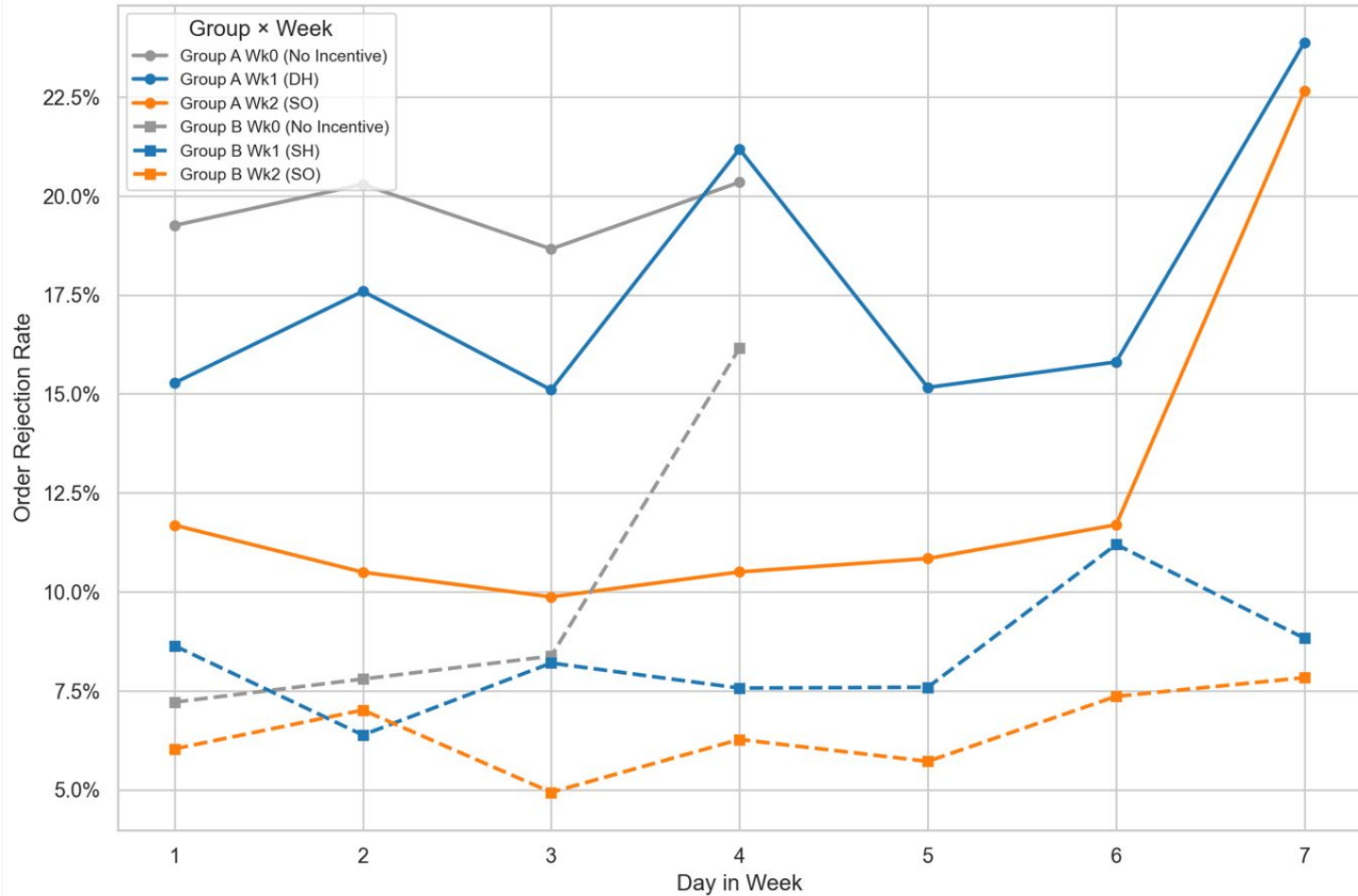
Comparative: Hours per Driver (Normalized, 95% CI)
(Normalized to Week 1 Day 1 = 100; shaded = 95% bootstrap CI)



Comparative: Rejection Rate by Within-Day Progress
(Drop near goal = accepting worse orders to hit target)

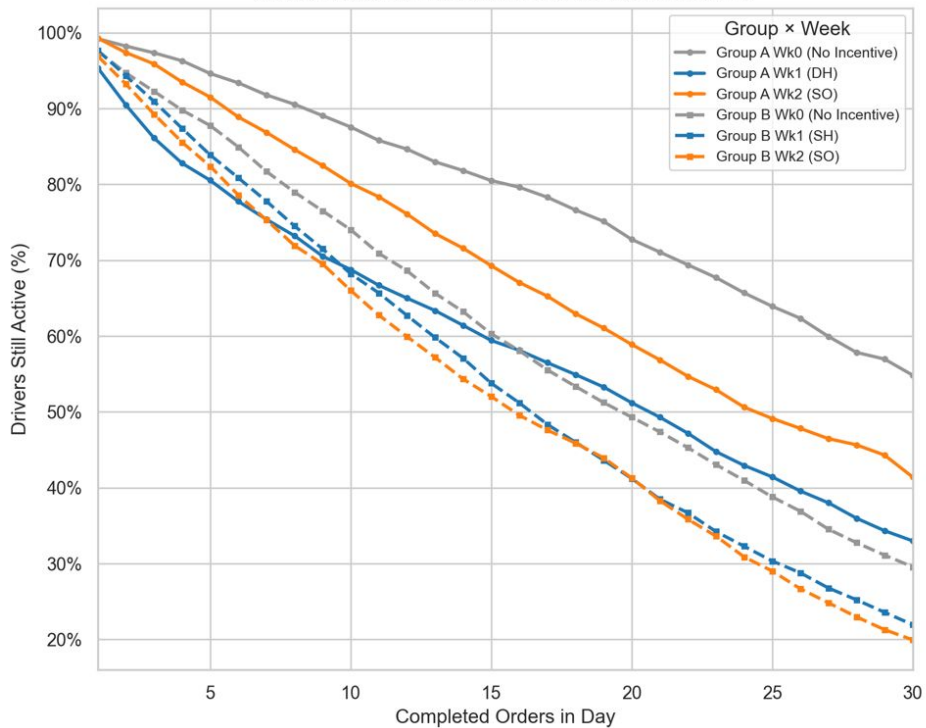


Comparative: Daily Rejection Rate
(Wk0 = No Incentive; Wk1 = different; Wk2 = both SO)

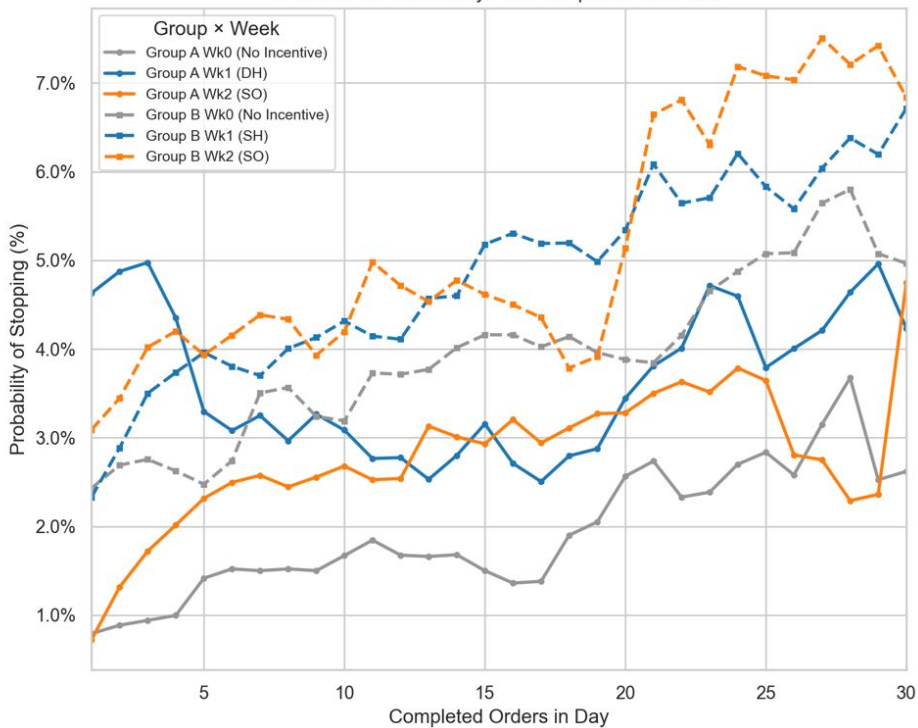


Comparative: Driver Drop-Off Analysis

Survival Curve: % of Drivers Who Continue Past k Orders



Hazard Rate: Probability Driver Stops After k Orders



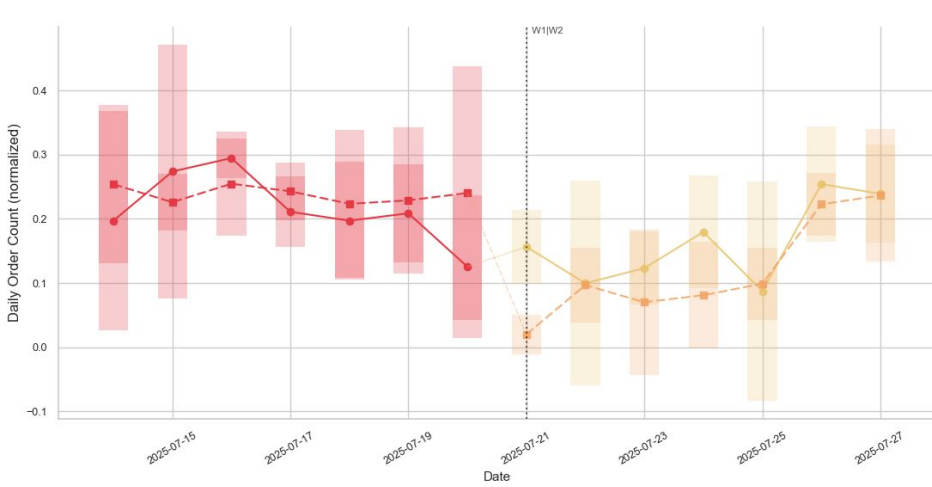
Trends graphs (W1-W2)

Averages regions that share the same incentive
still separated by driver tier

Linear regression through W2 data points to estimate slope (increase/decrease each day throughout week)
R = correlation coefficient
P = Is the slope statistically different from zero (i.e. is the trend real or noise) (p-value)
slope = change per day

Daily Order Count

Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Daily Hours → Streak Hours (N=3)
CHUMPHON, NONDORAL, SURATTHANI_City
- Daily Hours → Streak Orders (N=3)
CHANTHABURI, NAKHONSITHAMMARAT, SARABURI_Prasanthabot

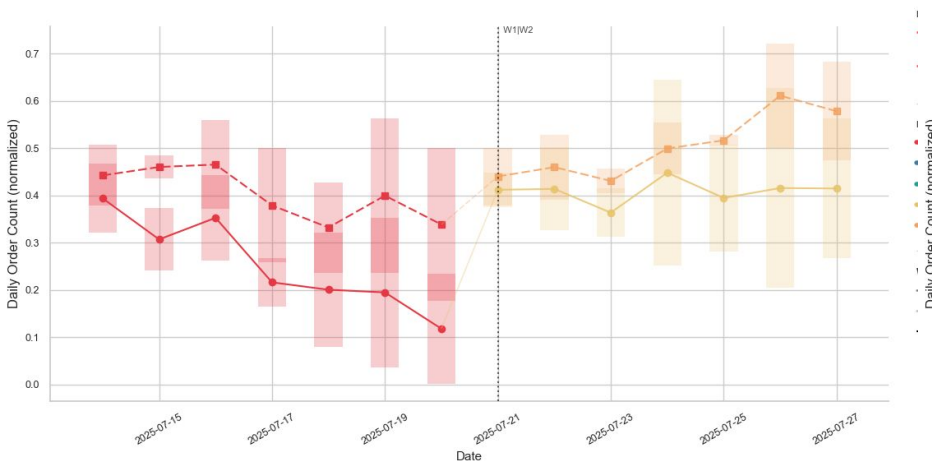
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

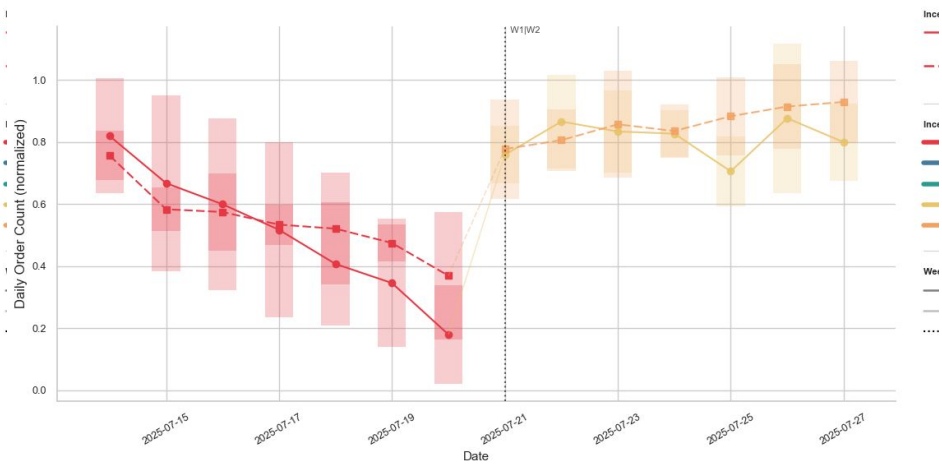
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Incr

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

Week

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

```
=====
Daily Order Count | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)
-----
W1 average : 16.7163
W2 average : 15.6187
Overall : decreased by 1.0975 (-6.6%) - not statistically significant (p=0.2033)
```

```
Within W2 : increasing at 0.5114/day (not significant, p=0.113, R2=0.4243)
W2 day 1 : 15.3240
W2 last day: 17.6832
W2 total Δ : 2.3591 (▲ from start to end of W2)
```

```
=====
Daily Order Count | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)
```

```
-----
W1 average : 17.1397
W2 average : 13.0304
Overall : decreased by 4.1093 (-24.0%) - statistically significant (p=0.0048)
```

```
Within W2 : increasing at 1.0122/day (significant, p=0.0122, R2=0.7462)
W2 day 1 : 10.0092
W2 last day: 16.8436
W2 total Δ : 6.8344 (▲ from start to end of W2)
```

```
=====
Daily Order Count | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)
```

```
-----
W1 average : 17.6718
W2 average : 21.9745
Overall : increased by 4.3027 (+24.4%) - statistically significant (p=0.007)
```

```
Within W2 : decreasing at 0.0042/day (not significant, p=0.974, R2=0.0002)
W2 day 1 : 22.1237
W2 last day: 22.0432
W2 total Δ : -0.0805 (▼ from start to end of W2)
```

```
=====
Daily Order Count | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)
```

```
-----
W1 average : 22.1961
W2 average : 25.4064
Overall : increased by 3.2103 (+14.5%) - statistically significant (p=0.0098)
```

```
Within W2 : increasing at 0.8840/day (significant, p=0.0122, R2=0.7459)
W2 day 1 : 23.4387
W2 last day: 27.4806
W2 total Δ : 4.0419 (▲ from start to end of W2)
```

```
=====
Daily Order Count | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)
```

```
-----
W1 average : 23.8893
W2 average : 32.9103
Overall : increased by 9.0209 (+37.8%) - statistically significant (p=0.0055)
```

```
Within W2 : increasing at 0.0135/day (not significant, p=0.9693, R2=0.0003)
W2 day 1 : 31.5413
W2 last day: 32.9125
W2 total Δ : 1.3712 (▲ from start to end of W2)
```

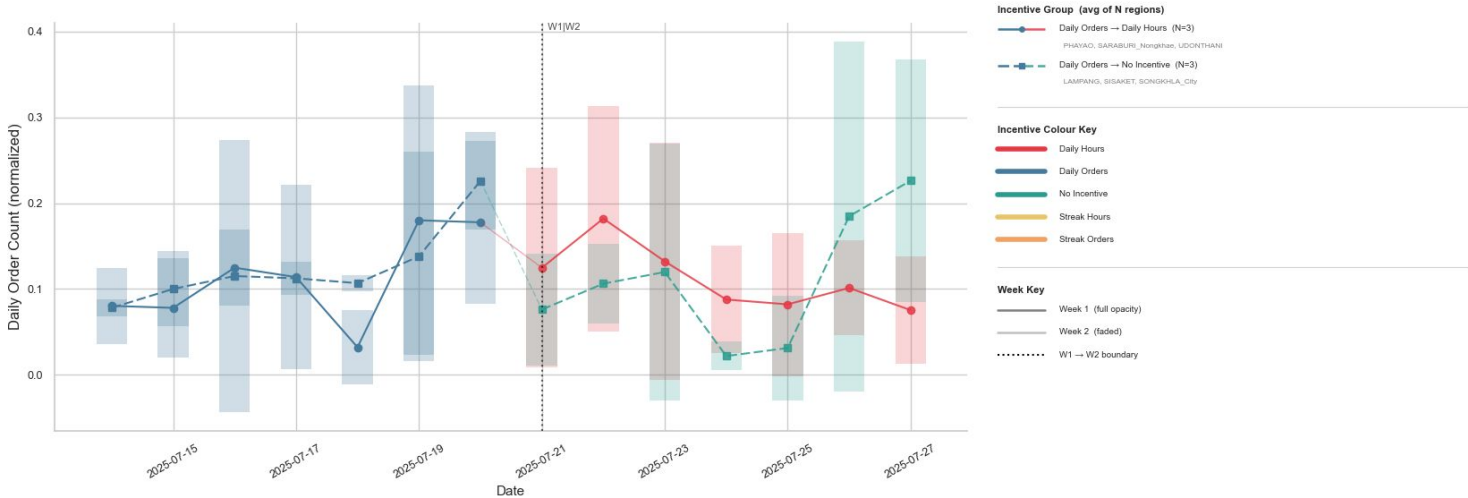
```
=====
Daily Order Count | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)
```

```
-----
W1 average : 26.9051
W2 average : 36.3715
Overall : increased by 9.4664 (+35.2%) - statistically significant (p=0.0002)
```

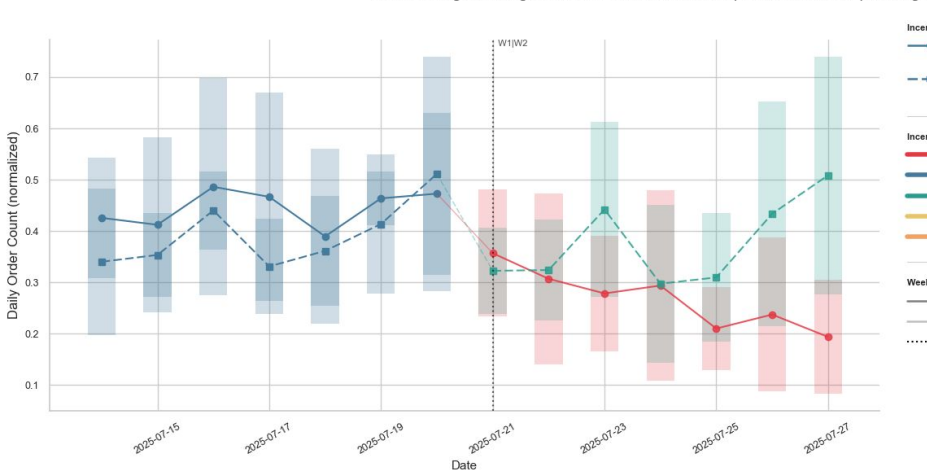
```
Within W2 : increasing at 0.7130/day (significant, p=0.0028, R2=0.8567)
W2 day 1 : 33.8274
W2 last day: 38.2976
W2 total Δ : 4.4703 (▲ from start to end of W2)
```

****linear regression to get slope change per day (avg)**

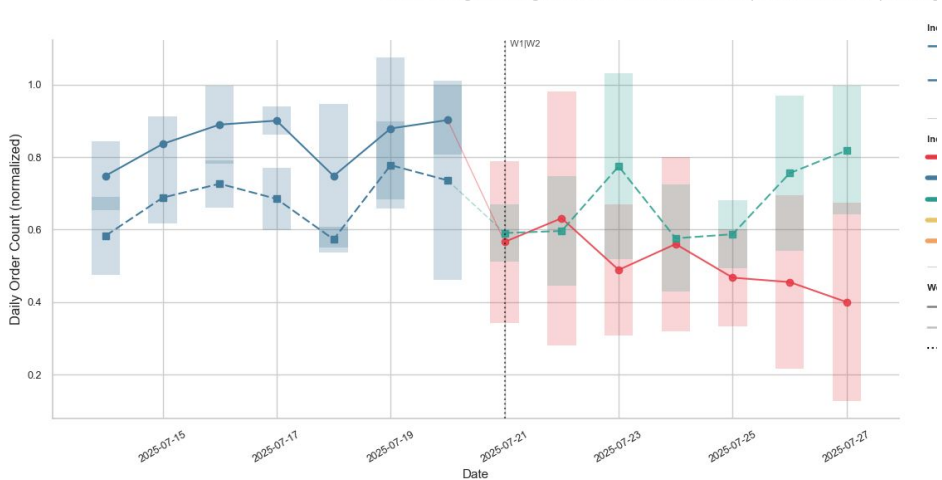
Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 11.6823
W2 average : 11.8041
Overall : increased by 0.1218 (+1.0%) - not statistically significant (p=0.8695)

Within W2 : decreasing at 0.3588/day (not significant, p=0.0809, R²=0.4878)
W2 day 1 : 12.1372
W2 last day: 10.8035
W2 total Δ : -1.3337 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

W1 average : 14.9032
W2 average : 14.3993
Overall : decreased by 0.5038 (-3.4%) - not statistically significant (p=0.6158)

Within W2 : increasing at 0.5079/day (not significant, p=0.2474, R²=0.2553)
W2 day 1 : 13.3927
W2 last day: 17.6297
W2 total Δ : 4.2370 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 21.4633
W2 average : 16.2977
Overall : decreased by 5.1656 (-24.1%) - statistically significant (p=0.0)

Within W2 : decreasing at 0.6870/day (significant, p=0.006, R²=0.8067)
W2 day 1 : 18.9254
W2 last day: 14.3126
W2 total Δ : -4.6128 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

W1 average : 22.4161
W2 average : 21.9835
Overall : decreased by 0.4326 (-1.9%) - not statistically significant (p=0.7138)

Within W2 : increasing at 0.5950/day (not significant, p=0.2208, R²=0.2812)
W2 day 1 : 20.4322
W2 last day: 25.5415
W2 total Δ : 5.1093 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 31.9562
W2 average : 22.6543
Overall : decreased by 9.3019 (-29.1%) - statistically significant (p=0.0)

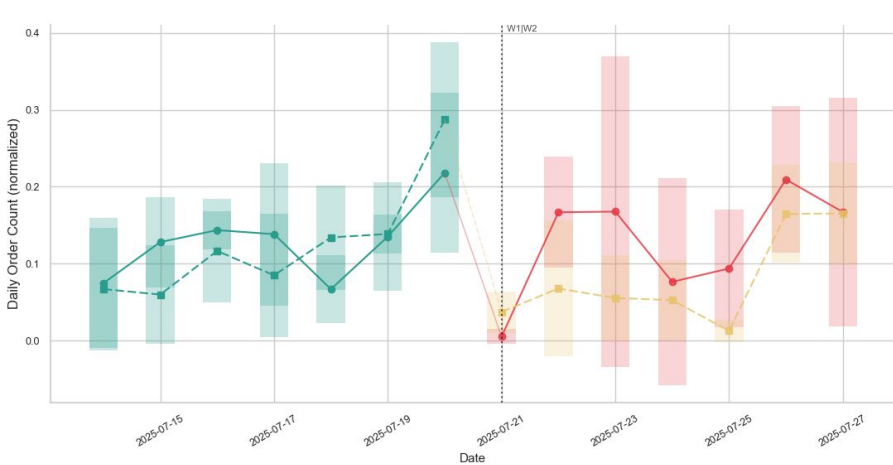
Within W2 : decreasing at 0.9336/day (significant, p=0.0188, R²=0.7006)
W2 day 1 : 24.1888
W2 last day: 19.3361
W2 total Δ : -4.8526 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

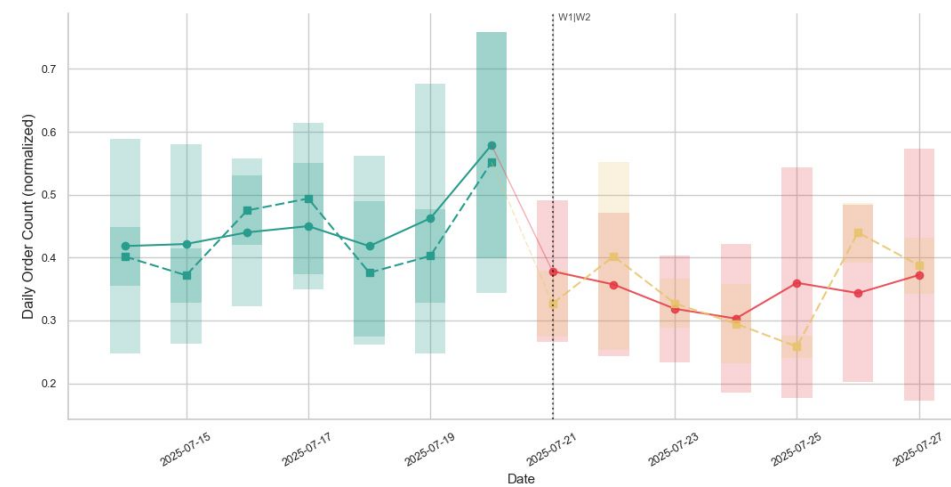
W1 average : 30.8997
W2 average : 30.6385
Overall : decreased by 0.2612 (-0.8%) - not statistically significant (p=0.8632)

Within W2 : increasing at 0.8339/day (not significant, p=0.1939, R²=0.3104)
W2 day 1 : 28.2674
W2 last day: 35.0064
W2 total Δ : 6.7390 (▲ from start to end of W2)

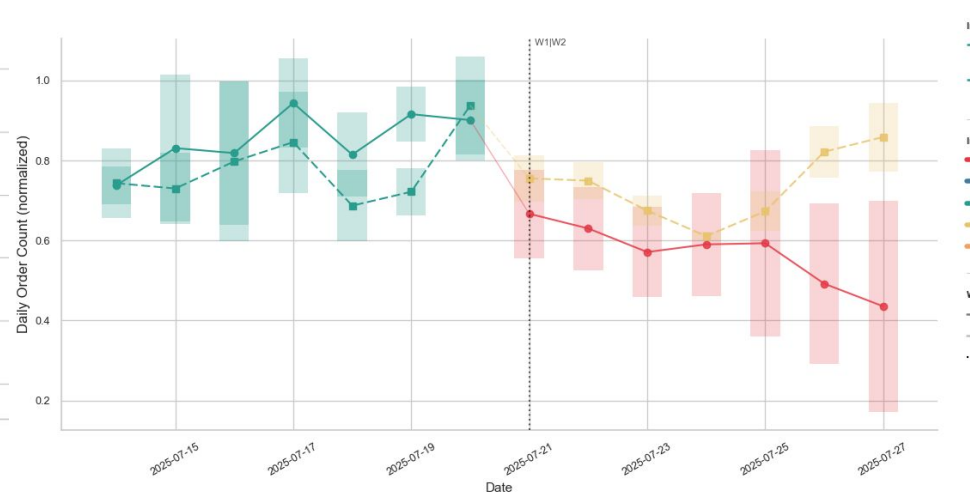
Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) · W1 Incentive: No Incentive · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count | Driver Tier: Bottom
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 13.6122
W2 average : 13.5942
Overall : decreased by 0.0180 (-0.1%) - not statistically significant (p=0.98)

Within W2 : increasing at 0.4254/day (not significant, p=0.1638, R²=0.3473)
W2 day 1 : 11.0902
W2 last day: 14.6998
W2 total Δ : 3.6096 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 13.1419
W2 average : 11.9598
Overall : decreased by 1.1822 (-9.0%) - not statistically significant (p=0.2599)

Within W2 : increasing at 0.5207/day (not significant, p=0.0897, R²=0.4689)
W2 day 1 : 10.8383
W2 last day: 14.3964
W2 total Δ : 3.5581 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Mid
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 20.5367
W2 average : 18.2612
Overall : decreased by 2.2755 (-11.1%) - statistically significant (p=0.001)

Within W2 : increasing at 0.0232/day (not significant, p=0.862, R²=0.0067)
W2 day 1 : 18.9462
W2 last day: 18.8702
W2 total Δ : -0.0760 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 21.4834
W2 average : 19.1708
Overall : decreased by 2.3125 (-10.8%) - statistically significant (p=0.0288)

Within W2 : increasing at 0.1937/day (not significant, p=0.5987, R²=0.0593)
W2 day 1 : 18.7206
W2 last day: 20.3337
W2 total Δ : 1.6131 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Top
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 28.8742
W2 average : 22.9061
Overall : decreased by 5.9681 (-20.7%) - statistically significant (p=0.0)

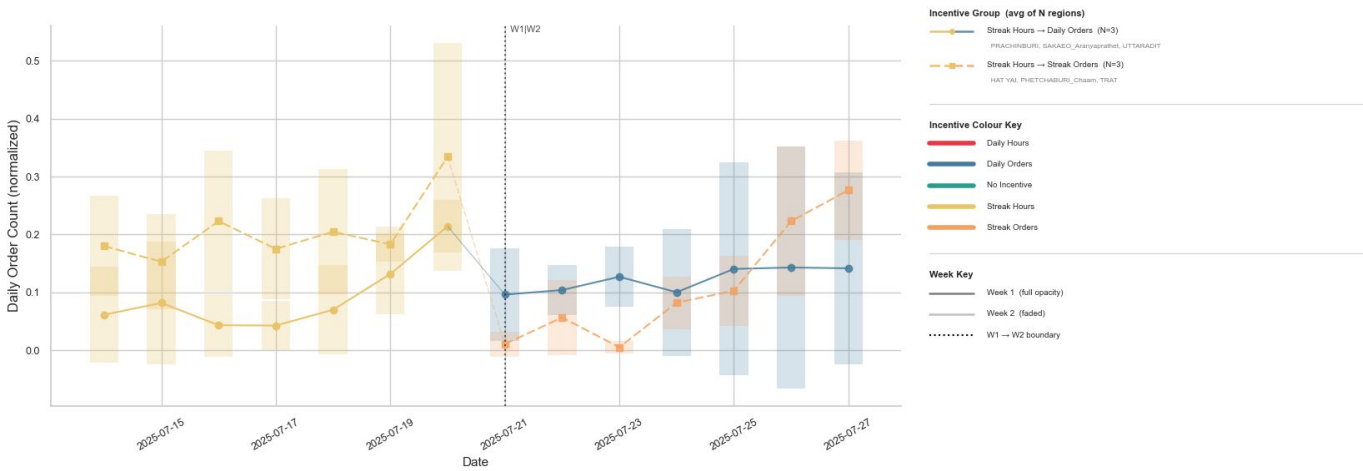
Within W2 : decreasing at 0.6807/day (significant, p=0.0047, R²=0.8238)
W2 day 1 : 24.8094
W2 last day: 20.0999
W2 total Δ : -4.7094 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

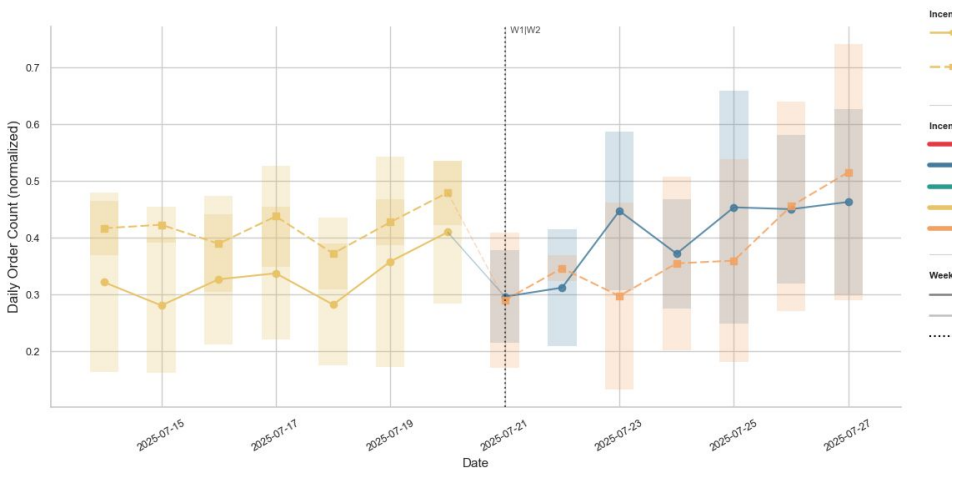
W1 average : 30.8873
W2 average : 29.5843
Overall : decreased by 1.3030 (-4.2%) - not statistically significant (p=0.3127)

Within W2 : increasing at 0.4344/day (not significant, p=0.3815, R²=0.1554)
W2 day 1 : 30.2340
W2 last day: 32.9289
W2 total Δ : 2.6949 (▲ from start to end of W2)

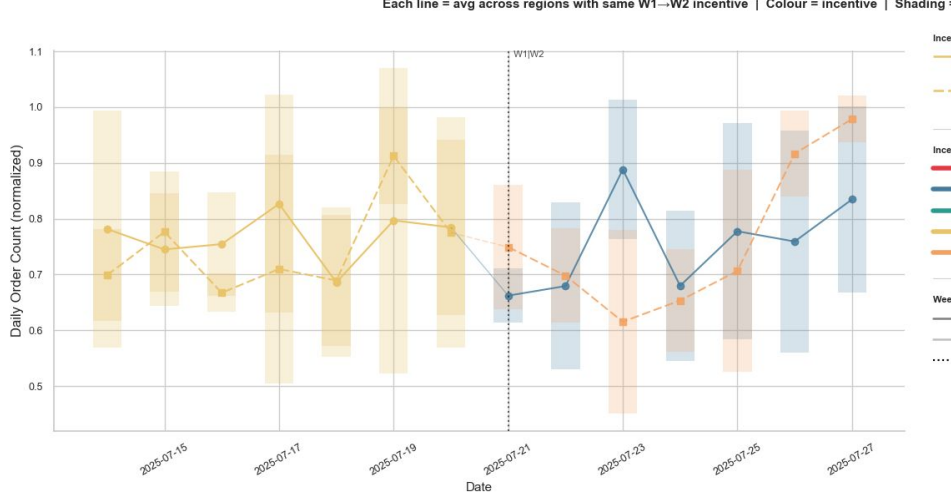
Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 12.6468
W2 average : 13.3845
Overall : increased by 0.7376 (+5.8%) - not statistically significant (p=0.2898)

Within W2 : increasing at 0.2268/day (significant, p=0.046, R²=0.5824)
W2 day 1 : 13.0574
W2 last day: 14.6763
W2 total Δ : 1.6188 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 15.3578
W2 average : 12.7250
Overall : decreased by 2.6329 (-17.1%) - not statistically significant (p=0.0569)

Within W2 : increasing at 1.1823/day (significant, p=0.0044, R²=0.8295)
W2 day 1 : 10.0612
W2 last day: 17.2723
W2 total Δ : 7.2111 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 18.3424
W2 average : 19.9920
Overall : increased by 1.6496 (+9.0%) - not statistically significant (p=0.0654)

Within W2 : increasing at 0.5579/day (not significant, p=0.1031, R²=0.4423)
W2 day 1 : 17.4749
W2 last day: 21.1790
W2 total Δ : 3.7040 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 21.0974
W2 average : 19.6737
Overall : decreased by 1.4238 (-6.8%) - not statistically significant (p=0.1534)

Within W2 : increasing at 0.8972/day (significant, p=0.0085, R²=0.7795)
W2 day 1 : 17.4300
W2 last day: 23.4024
W2 total Δ : 5.9723 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 29.0390
W2 average : 29.3002
Overall : increased by 0.2612 (+0.9%) - not statistically significant (p=0.7834)

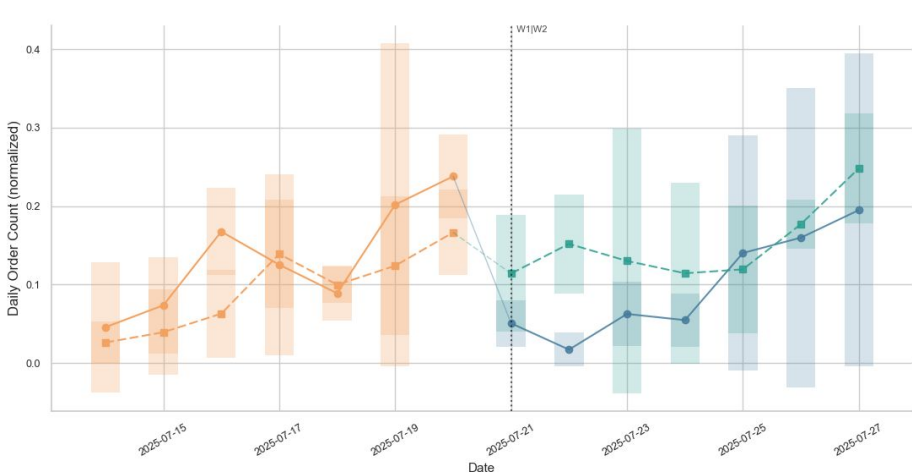
Within W2 : increasing at 0.2672/day (not significant, p=0.5728, R²=0.0678)
W2 day 1 : 27.3563
W2 last day: 30.8578
W2 total Δ : 3.5015 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

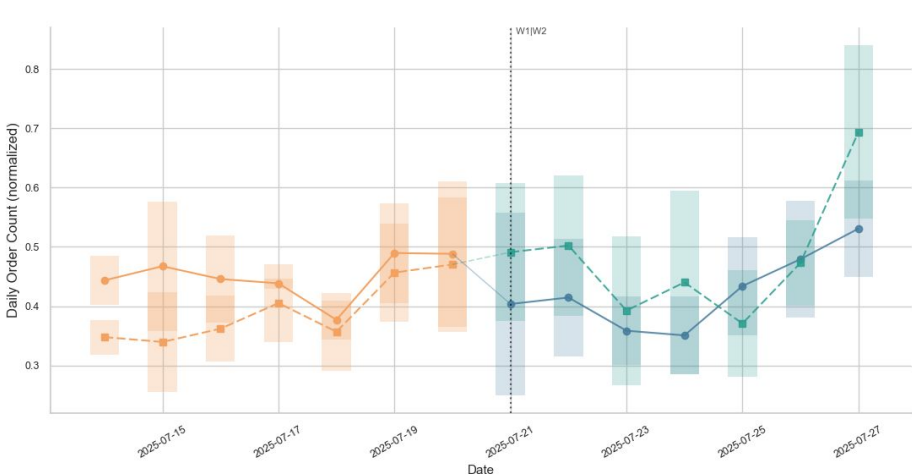
W1 average : 29.9342
W2 average : 30.2041
Overall : increased by 0.2699 (+0.9%) - not statistically significant (p=0.873)

Within W2 : increasing at 1.1833/day (not significant, p=0.0873, R²=0.4738)
W2 day 1 : 29.8295
W2 last day: 36.0914
W2 total Δ : 6.2620 (▲ from start to end of W2)

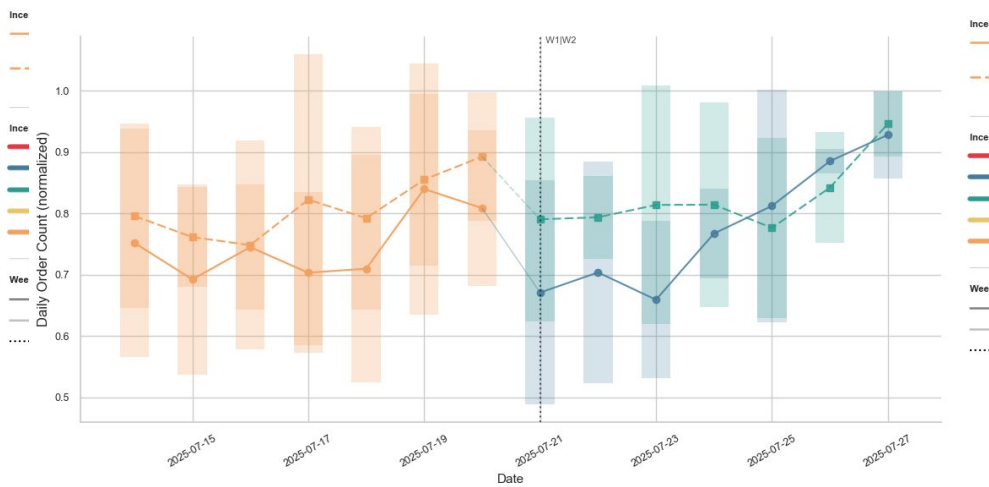
Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 13.7028
W2 average : 12.9175
Overall : decreased by 0.7854 (-5.7%) - not statistically significant (p=0.4357)

Within W2 : increasing at 0.8059/day (significant, p=0.0043, R²=0.8308)
W2 day 1 : 11.6019
W2 last day: 15.4914
W2 total Δ : 3.8895 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 14.7847
W2 average : 16.0988
Overall : increased by 1.3141 (+8.9%) - not statistically significant (p=0.0943)

Within W2 : increasing at 0.4027/day (not significant, p=0.1057, R²=0.4374)
W2 day 1 : 15.3217
W2 last day: 18.6442
W2 total Δ : 3.3224 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 21.9196
W2 average : 21.3144
Overall : decreased by 0.6052 (-2.8%) - not statistically significant (p=0.4432)

Within W2 : increasing at 0.5742/day (not significant, p=0.0704, R²=0.5126)
W2 day 1 : 20.6119
W2 last day: 24.0740
W2 total Δ : 3.4621 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 22.6864
W2 average : 24.7528
Overall : increased by 2.0664 (+9.1%) - not statistically significant (p=0.1168)

Within W2 : increasing at 0.4970/day (not significant, p=0.3965, R²=0.1466)
W2 day 1 : 24.9745
W2 last day: 30.2969

Daily Order Count | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 29.3367
W2 average : 30.3006
Overall : increased by 0.9640 (+3.3%) - not statistically significant (p=0.453)

Within W2 : increasing at 1.2880/day (significant, p=0.0009, R²=0.9079)
W2 day 1 : 27.1873
W2 last day: 34.2873
W2 total Δ : 7.1000 (▲ from start to end of W2)

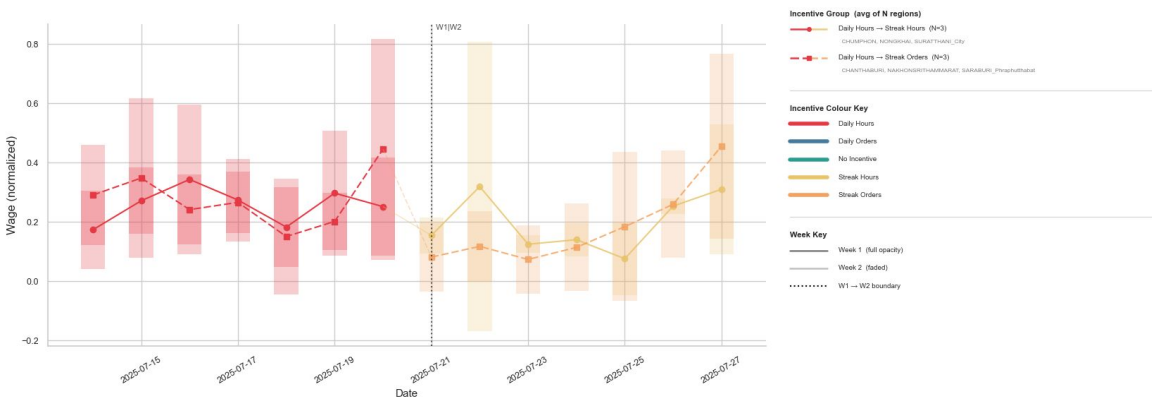
=====
Daily Order Count | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 33.3288
W2 average : 33.7846
Overall : increased by 0.4559 (+1.4%) - not statistically significant (p=0.5991)

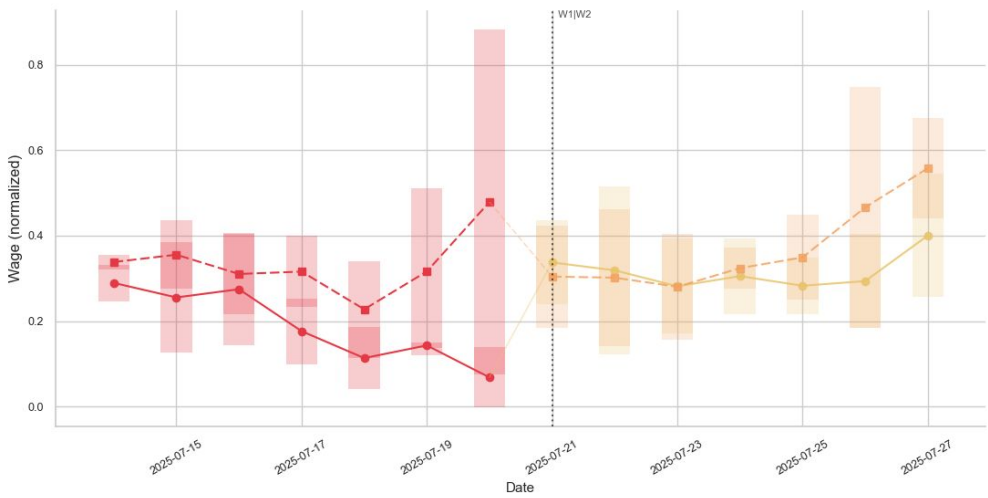
Within W2 : increasing at 0.5504/day (not significant, p=0.0775, R²=0.4956)
W2 day 1 : 32.7011
W2 last day: 37.3677
W2 total Δ : 4.6666 (▲ from start to end of W2)

Wage

Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Sh



Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Sh



Wage | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 387.5393
W2 average : 346.7348
Overall : decreased by 40.8044 (-10.5%) - not statistically significant (p=0.1973)

Within W2 : increasing at 7.2256/day (not significant, p=0.6107, R²=0.0556)
W2 day 1 : 317.7349
W2 last day: 425.6094
W2 total Δ : 107.8746 (▲ from start to end of W2)

Wage | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 433.9822
W2 average : 353.8893
Overall : decreased by 80.0928 (-18.5%) - not statistically significant (p=0.0673)

Within W2 : increasing at 35.5577/day (significant, p=0.0157, R²=0.7206)
W2 day 1 : 282.7495
W2 last day: 537.7552
W2 total Δ : 255.0057 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 340.9059
W2 average : 429.7132
Overall : increased by 88.8073 (+26.1%) - statistically significant (p=0.0064)

Within W2 : increasing at 3.5273/day (not significant, p=0.5671, R²=0.0698)
W2 day 1 : 443.8272
W2 last day: 487.3062
W2 total Δ : 43.4790 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 488.4728
W2 average : 519.8030
Overall : increased by 31.3302 (+6.4%) - not statistically significant (p=0.3176)

Within W2 : increasing at 27.6727/day (significant, p=0.0142, R²=0.7307)
W2 day 1 : 475.3486
W2 last day: 637.2078
W2 total Δ : 161.8592 (▲ from start to end of W2)

Wage | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 493.2801
W2 average : 632.8220
Overall : increased by 139.5419 (+28.3%) - statistically significant (p=0.0309)

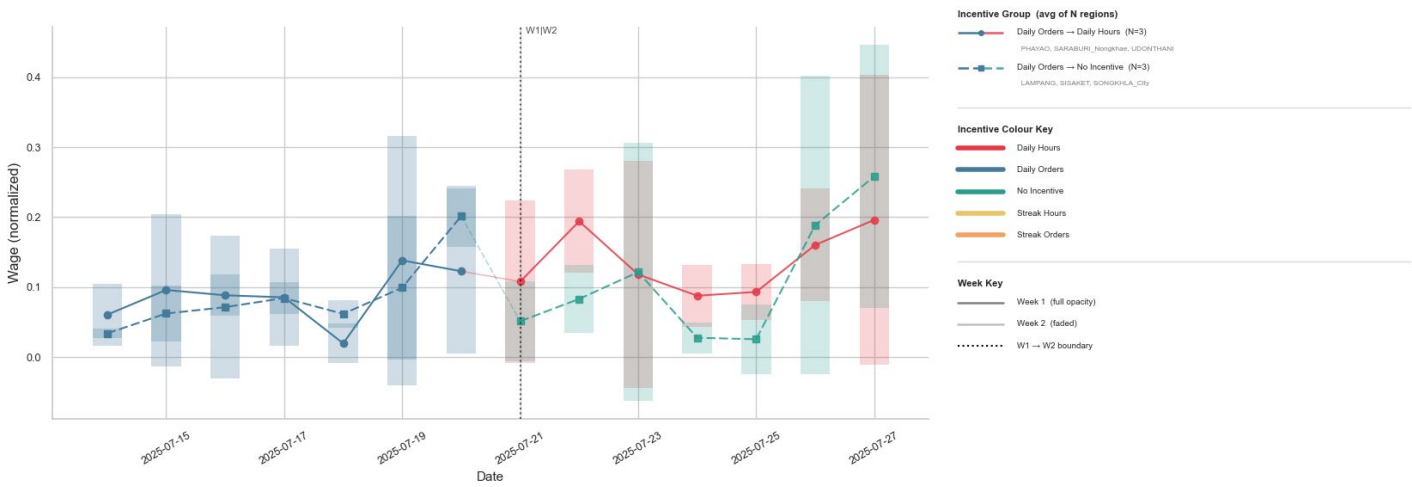
Within W2 : increasing at 7.8621/day (not significant, p=0.4611, R²=0.113)
W2 day 1 : 613.8484
W2 last day: 720.4016
W2 total Δ : 106.5531 (▲ from start to end of W2)

Wage | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

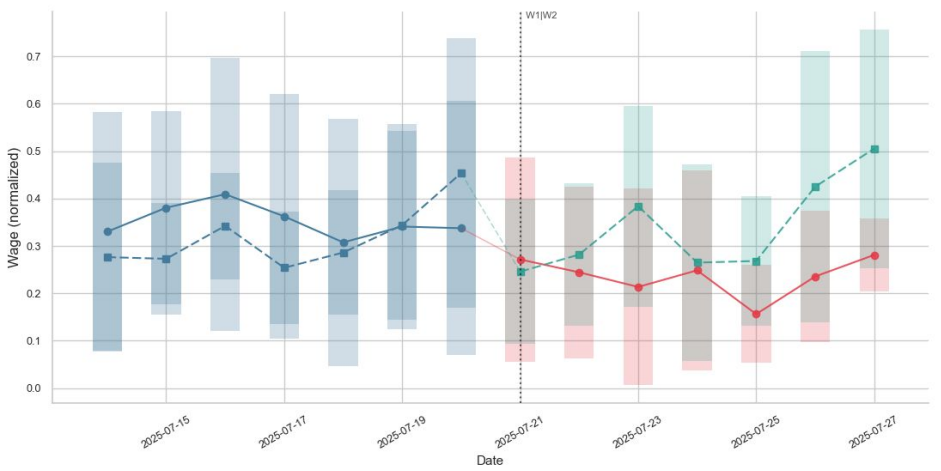
W1 average : 577.2773
W2 average : 755.1985
Overall : increased by 177.9213 (+30.8%) - statistically significant (p=0.0015)

Within W2 : increasing at 33.7963/day (significant, p=0.0227, R²=0.6787)
W2 day 1 : 676.5002
W2 last day: 941.4194
W2 total Δ : 264.9192 (▲ from start to end of W2)

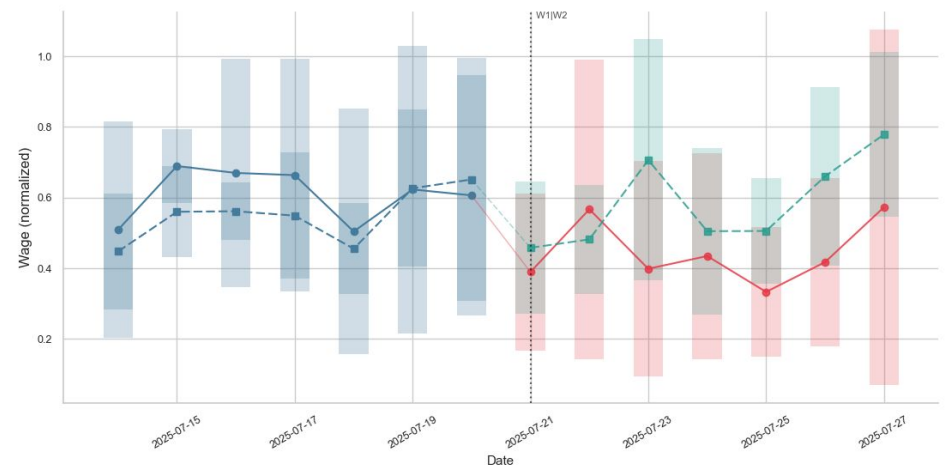
Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Sha



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Sha



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Wage | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 289.5365
W2 average : 356.3508
Overall    : increased by 66.8144 (+23.1%) - not statistically significant (p=0.0757)

Within W2 : increasing at 22.1719/day (not significant, p=0.1404, R2=0.38)
W2 day 1  : 298.8878
W2 last day: 498.0924
W2 total Δ : 199.2046 (▲ from start to end of W2)

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```

```
Wage | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
W1 average : 293.2354
W2 average : 305.6797
Overall    : increased by 12.4443 (+4.2%) - not statistically significant (p=0.6389)

Within W2 : increasing at 15.9102/day (not significant, p=0.1596, R2=0.3529)
W2 day 1  : 263.8533
W2 last day: 398.4228
W2 total Δ : 134.5695 (▲ from start to end of W2)
```

```
Wage | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 483.1121
W2 average : 414.2947
Overall    : decreased by 68.8174 (-14.2%) - statistically significant (p=0.0273)

Within W2 : increasing at 13.1037/day (not significant, p=0.2896, R2=0.219)
W2 day 1  : 410.1072
W2 last day: 529.4159
W2 total Δ : 119.3086 (▲ from start to end of W2)

=====
```

```
Wage | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
W1 average : 436.1144
W2 average : 454.9522
Overall    : increased by 18.8378 (+4.3%) - not statistically significant (p=0.5448)

Within W2 : increasing at 19.1748/day (not significant, p=0.1361, R2=0.3865)
W2 day 1  : 388.1597
W2 last day: 553.3905
```

```
Wage | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 746.3203
W2 average : 653.8064
Overall    : decreased by 92.5139 (-12.4%) - not statistically significant (p=0.2365)

Within W2 : increasing at 44.3824/day (not significant, p=0.1794, R2=0.3275)
W2 day 1  : 551.3897
W2 last day: 980.1499
W2 total Δ : 428.7602 (▲ from start to end of W2)

=====
```

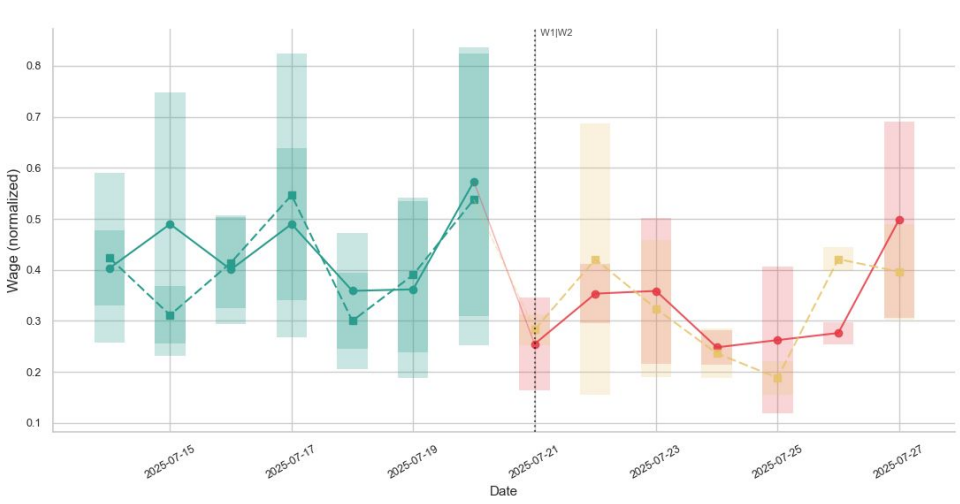
```
Wage | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
W1 average : 597.4811
W2 average : 623.3182
Overall    : increased by 25.8371 (+4.3%) - not statistically significant (p=0.5385)

Within W2 : increasing at 25.1162/day (not significant, p=0.1788, R2=0.3282)
W2 day 1  : 530.4345
W2 last day: 750.4713
W2 total Δ : 220.0368 (▲ from start to end of W2)
```

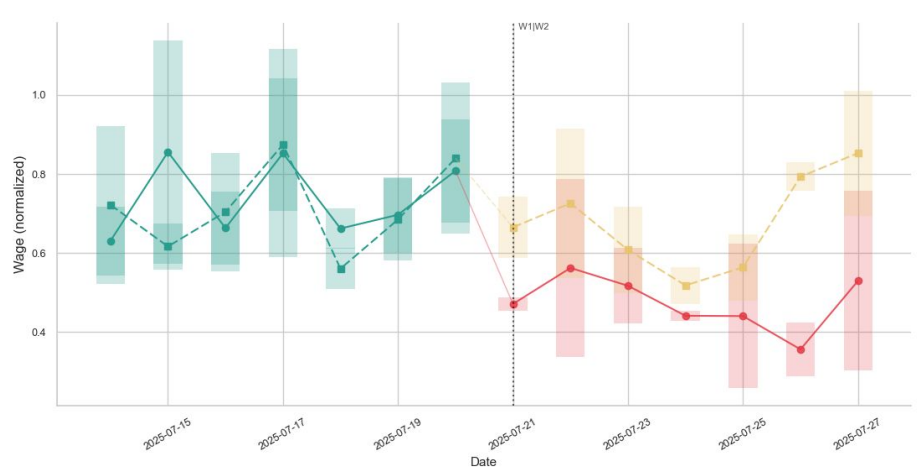
Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: No Incentive · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage | Driver Tier: Bottom
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 351.7141
W2 average : 333.4506
Overall : decreased by 18.2635 (-5.2%) - not statistically significant (p=0.5815)

Within W2 : increasing at 15.7278/day (not significant, p=0.2188, R²=0.2832)
W2 day 1 : 242.4965
W2 last day: 415.5007
W2 total Δ : 173.0042 (▲ from start to end of W2)

=====

Wage | Driver Tier: Bottom
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 326.6660
W2 average : 310.2598
Overall : decreased by 16.4062 (-5.0%) - not statistically significant (p=0.5844)

Within W2 : increasing at 11.9212/day (not significant, p=0.2884, R²=0.22)
W2 day 1 : 267.7103
W2 last day: 379.8475
W2 total Δ : 112.1373 (▲ from start to end of W2)

=====

Wage | Driver Tier: Mid
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 479.7725
W2 average : 414.5480
Overall : decreased by 65.2245 (-13.6%) - statistically significant (p=0.0287)

Within W2 : increasing at 9.7355/day (not significant, p=0.3737, R²=0.1601)
W2 day 1 : 375.0675
W2 last day: 516.0936
W2 total Δ : 141.0261 (▲ from start to end of W2)

=====

Wage | Driver Tier: Mid
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 513.6720
W2 average : 456.2628
Overall : decreased by 57.4093 (-11.2%) - not statistically significant (p=0.0952)

Within W2 : increasing at 6.8391/day (not significant, p=0.5926, R²=0.0613)
W2 day 1 : 429.5115
W2 last day: 509.5347

Wage | Driver Tier: Top
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 652.3605
W2 average : 501.5682
Overall : decreased by 150.7922 (-23.1%) - statistically significant (p=0.0001)

Within W2 : decreasing at 7.2412/day (not significant, p=0.399, R²=0.1452)
W2 day 1 : 500.1763
W2 last day: 531.1093
W2 total Δ : 30.9330 (▲ from start to end of W2)

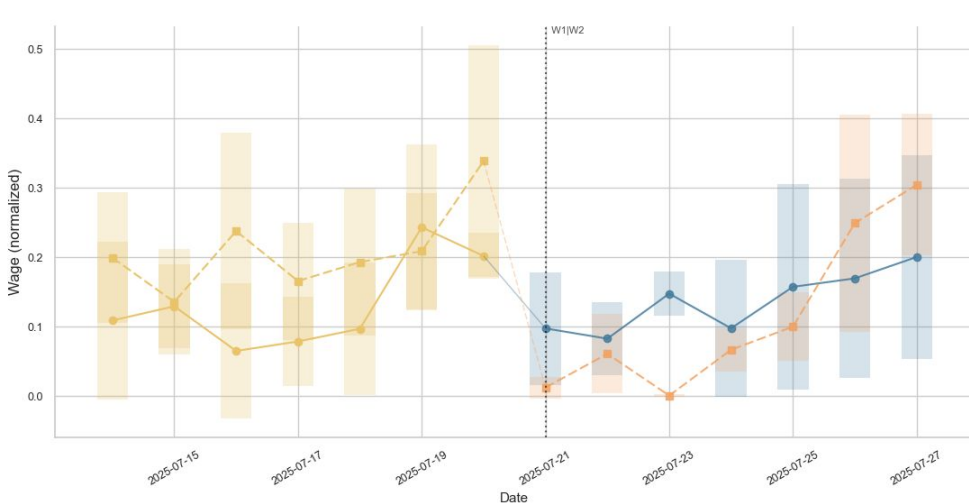
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Wage | Driver Tier: Top
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 716.4351
W2 average : 691.6583
Overall : decreased by 24.7768 (-3.5%) - not statistically significant (p=0.5634)

Within W2 : increasing at 18.2272/day (not significant, p=0.2898, R²=0.2189)
W2 day 1 : 681.9873
W2 last day: 820.6489
W2 total Δ : 138.6615 (▲ from start to end of W2)

Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Streak Hours → Daily Orders (N=3)
FRACHINBURJ, SAKAEO_Akroypraphet, UTTARADIT
- Streak Hours → Streak Orders (N=3)
HAT YAI, PHETCHABURI_Chaem, TRAT

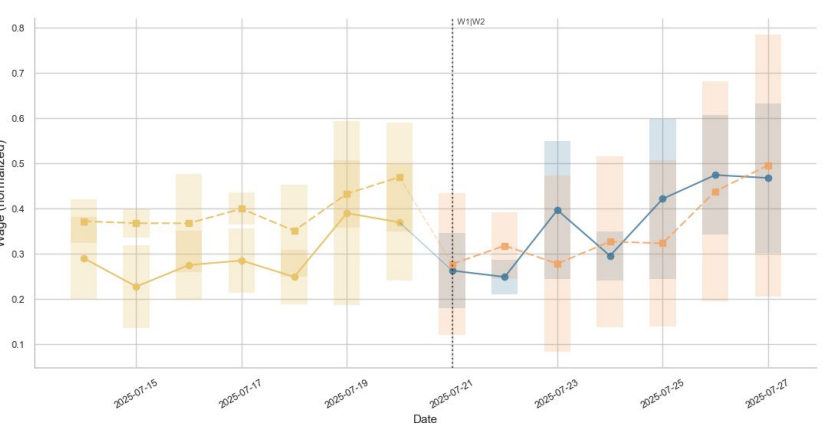
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

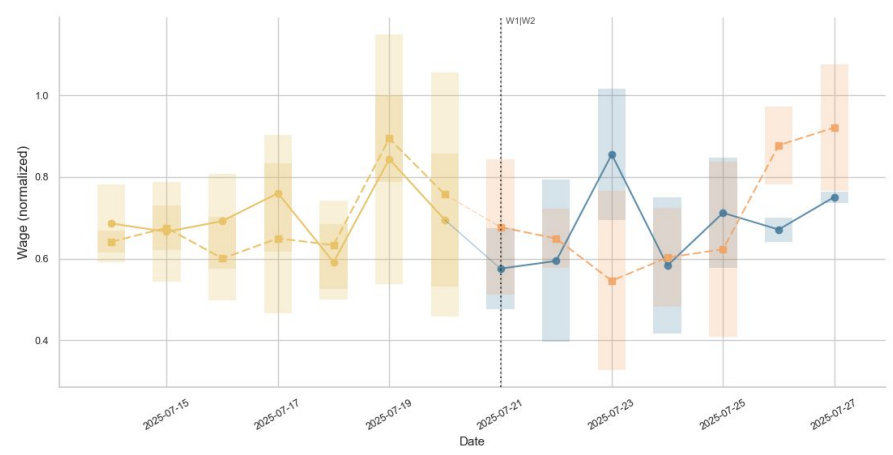
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 267.1112
W2 average : 271.1703
Overall : increased by 4.0591 (+1.5%) - not statistically significant (p=0.783)

Within W2 : increasing at 8.3337/day (significant, p=0.0171, R²=0.7111)
W2 day 1 : 255.1713
W2 last day: 306.4158
W2 total Δ : 51.2445 (▲ from start to end of W2)

=====

Wage | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 353.4815
W2 average : 289.8042
Overall : decreased by 63.6773 (-18.0%) - not statistically significant (p=0.0813)

Within W2 : increasing at 31.1826/day (significant, p=0.0078, R²=0.7865)
W2 day 1 : 223.8708
W2 last day: 413.3201
W2 total Δ : 189.4493 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 349.3422
W2 average : 384.0951
Overall : increased by 34.7529 (+9.9%) - not statistically significant (p=0.116)

Within W2 : increasing at 17.5472/day (significant, p=0.0193, R²=0.6979)
W2 day 1 : 334.1743
W2 last day: 428.2278
W2 total Δ : 94.0536 (▲ from start to end of W2)

=====

Wage | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 468.2174
W2 average : 436.6163
Overall : decreased by 31.6010 (-6.8%) - not statistically significant (p=0.1937)

Within W2 : increasing at 21.1163/day (significant, p=0.0124, R²=0.7446)
W2 day 1 : 389.4755
W2 last day: 527.7306
W2 total Δ : 138.2551 (▲ from start to end of W2)

Wage | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 553.2157
W2 average : 544.5270
Overall : decreased by 8.6887 (-1.6%) - not statistically significant (p=0.7208)

Within W2 : increasing at 7.7436/day (not significant, p=0.4809, R²=0.1038)
W2 day 1 : 495.9083
W2 last day: 578.6679
W2 total Δ : 82.7596 (▲ from start to end of W2)

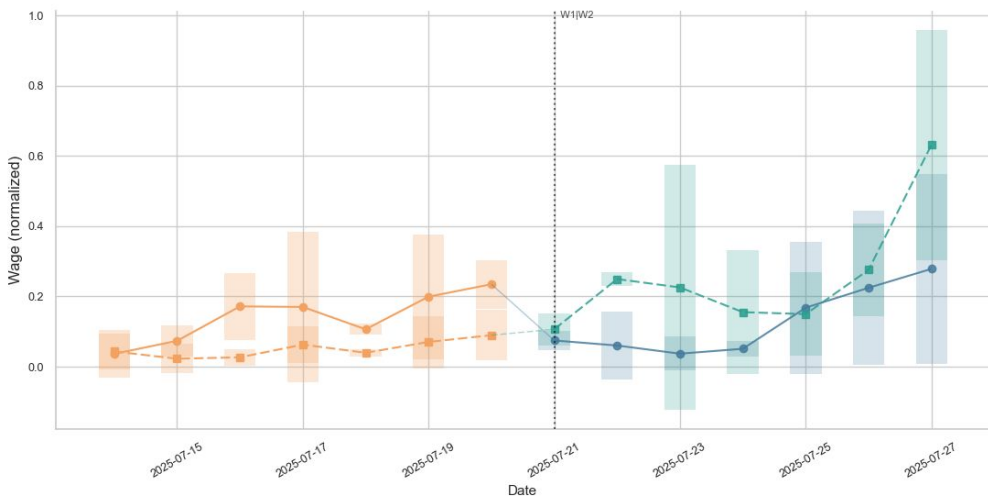
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Wage | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

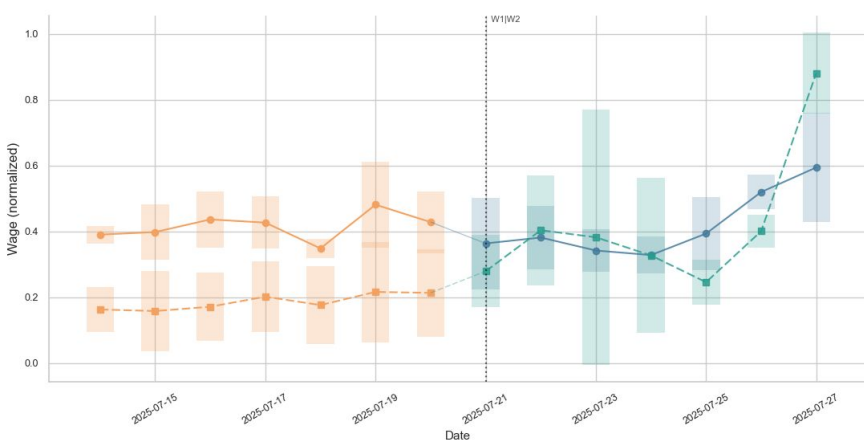
W1 average : 660.2788
W2 average : 662.5665
Overall : increased by 2.2877 (+0.3%) - not statistically significant (p=0.9587)

Within W2 : increasing at 29.0497/day (not significant, p=0.0952, R²=0.4575)
W2 day 1 : 647.9048
W2 last day: 804.8930
W2 total Δ : 156.9882 (▲ from start to end of W2)

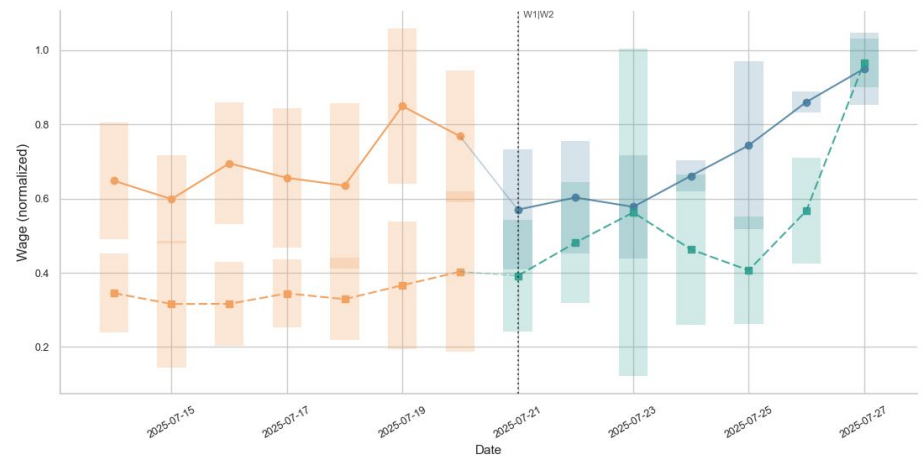
Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 264.8630
W2 average : 257.3414
Overall : decreased by 7.5216 (-2.8%) - not statistically significant (p=0.755)

Within W2 : increasing at 20.0116/day (significant, p=0.0122, R²=0.7458)
W2 day 1 : 229.5441
W2 last day: 335.3196
W2 total Δ : 105.7755 (▲ from start to end of W2)

=====

Wage | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 343.9710
W2 average : 657.6298
Overall : increased by 313.6589 (+91.2%) - statistically significant (p=0.0239)

Within W2 : increasing at 89.2813/day (not significant, p=0.0816, R²=0.4863)
W2 day 1 : 440.1727
W2 last day: 1258.6926
W2 total Δ : 818.5199 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 406.3971
W2 average : 407.4422
Overall : increased by 1.0451 (+0.3%) - not statistically significant (p=0.9621)

Within W2 : increasing at 19.1089/day (significant, p=0.0343, R²=0.6252)
W2 day 1 : 378.4478
W2 last day: 499.4439
W2 total Δ : 120.9961 (▲ from start to end of W2)

=====

Wage | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 488.3292
W2 average : 830.9618
Overall : increased by 342.6327 (+70.2%) - statistically significant (p=0.0256)

Within W2 : increasing at 91.2558/day (not significant, p=0.1209, R²=0.4108)
W2 day 1 : 636.8154
W2 last day: 1508.0177
W2 total Δ : 871.2023 (▲ from start to end of W2)

Wage | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 549.6388
W2 average : 559.0560
Overall : increased by 9.4171 (+1.7%) - not statistically significant (p=0.787)

Within W2 : increasing at 34.0597/day (significant, p=0.0011, R²=0.9011)
W2 day 1 : 485.6254
W2 last day: 683.9909
W2 total Δ : 198.3655 (▲ from start to end of W2)

=====

Wage | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 694.0801
W2 average : 981.9598
Overall : increased by 287.8798 (+41.5%) - statistically significant (p=0.0354)

Within W2 : increasing at 90.5204/day (not significant, p=0.084, R²=0.481)
W2 day 1 : 766.4434
W2 last day: 1584.6013
W2 total Δ : 818.1579 (▲ from start to end of W2)

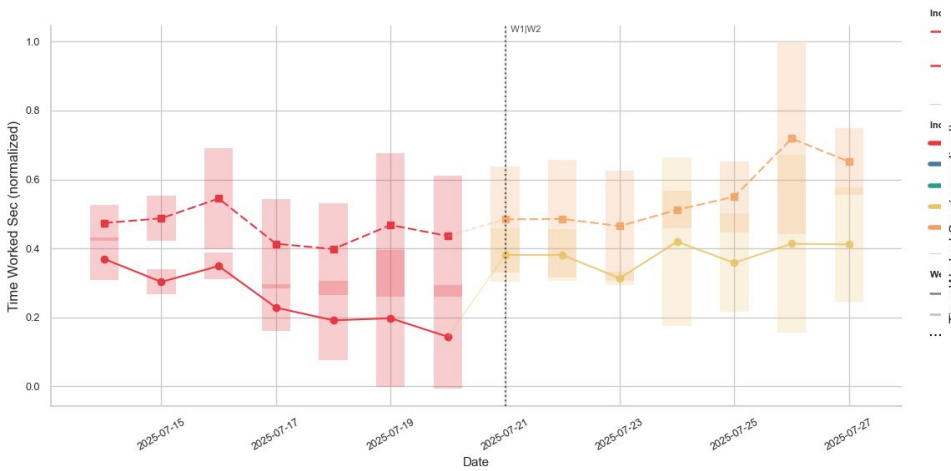
Time Worked (Hrs)

**note: forgot to update naming to reflect Hrs instead of Secs
(need to clean)

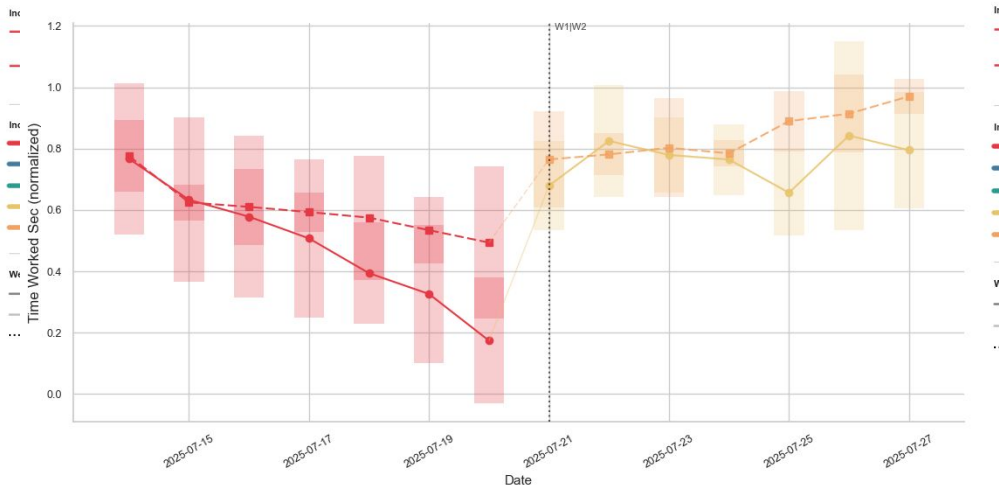
Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked (sec) | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 3.5420
W2 average : 3.2010
Overall : decreased by 0.3410 (-9.6%) - not statistically significant (p=0.081)

Within W2 : increasing at 0.1374/day (not significant, p=0.0705, R²=0.5122)
W2 day 1 : 3.1072
W2 last day: 3.7875
W2 total Δ : 0.6803 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 3.7280
W2 average : 2.6962
Overall : decreased by 1.0318 (-27.7%) - statistically significant (p=0.0026)

Within W2 : increasing at 0.2366/day (significant, p=0.0107, R²=0.7586)
W2 day 1 : 1.9739
W2 last day: 3.5895
W2 total Δ : 1.6157 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 3.6774
W2 average : 4.3705
Overall : increased by 0.6931 (+18.9%) - statistically significant (p=0.01)

Within W2 : increasing at 0.0302/day (not significant, p=0.4113, R²=0.1384)
W2 day 1 : 4.3762
W2 last day: 4.5357
W2 total Δ : 0.1595 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 4.8012
W2 average : 5.4097
Overall : increased by 0.6085 (+12.7%) - statistically significant (p=0.0471)

Within W2 : increasing at 0.2373/day (significant, p=0.024, R²=0.6718)
W2 day 1 : 4.9867

Time Worked (sec) | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 4.8337
W2 average : 6.4644
Overall : increased by 1.6307 (+33.7%) - statistically significant (p=0.0063)

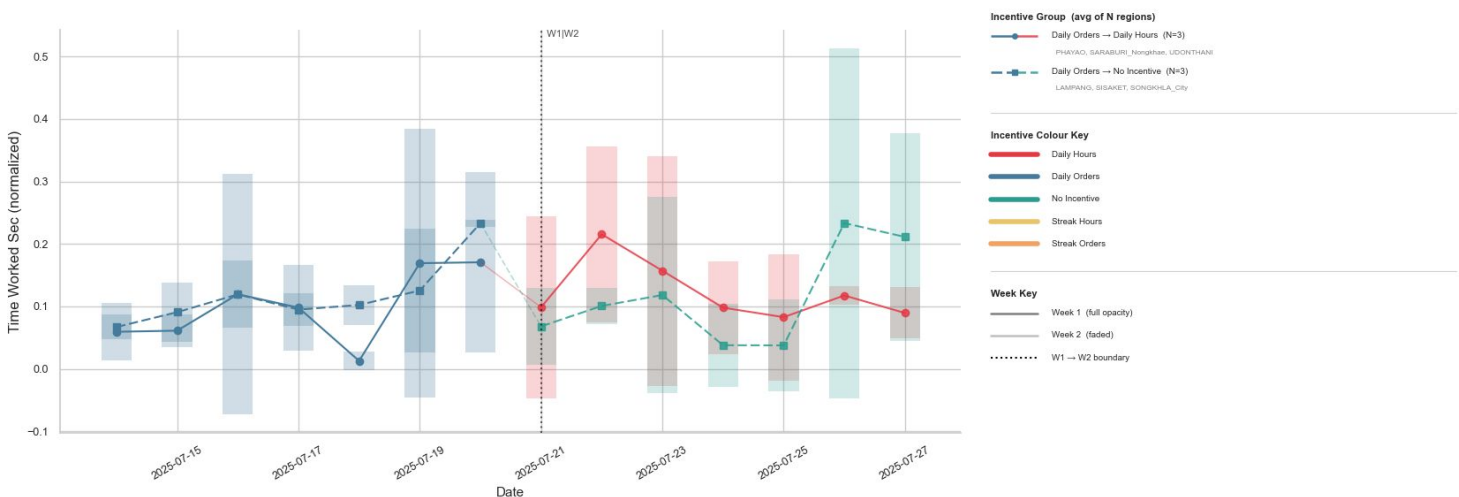
Within W2 : increasing at 0.0483/day (not significant, p=0.5711, R²=0.0684)
W2 day 1 : 5.9824
W2 last day: 6.7130
W2 total Δ : 0.7306 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

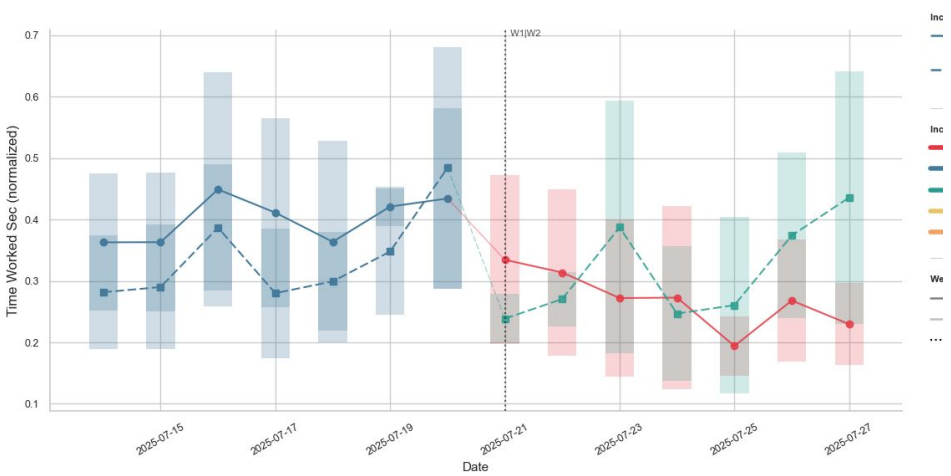
W1 average : 5.7093
W2 average : 7.1859
Overall : increased by 1.4766 (+25.9%) - statistically significant (p=0.0002)

Within W2 : increasing at 0.2134/day (significant, p=0.0019, R²=0.8762)
W2 day 1 : 6.6749
W2 last day: 7.9692
W2 total Δ : 1.2943 (▲ from start to end of W2)

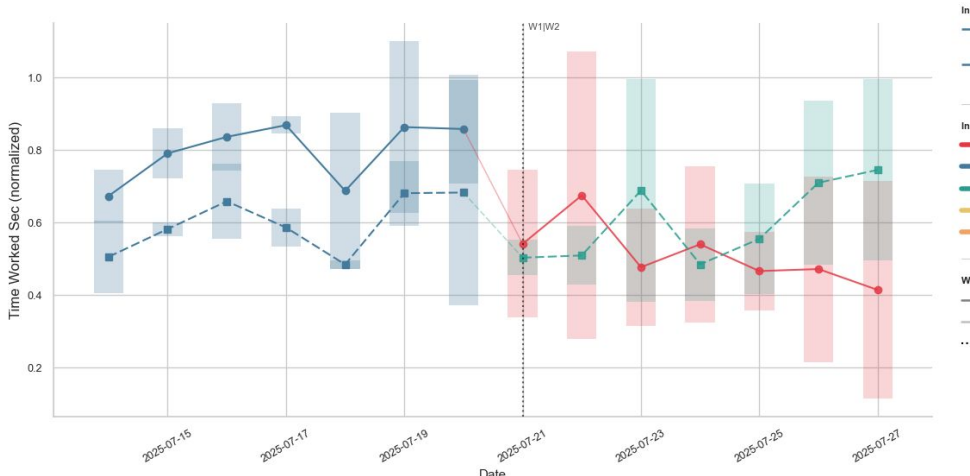
Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



```
Time Worked (sec) | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 2.4403
W2 average : 2.5939
Overall : increased by 0.1536 (+6.3%) - not statistically significant (p=0.3724)

Within W2 : decreasing at 0.0619/day (not significant, p=0.276, R²=0.2301)
W2 day 1 : 2.4531
W2 last day: 2.4042
W2 total Δ : -0.0488 (▼ from start to end of W2)
```

```
=====
Time Worked (sec) | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
```

```
-----
W1 average : 3.3917
W2 average : 3.3379
Overall : decreased by 0.0538 (-1.6%) - not statistically significant (p=0.8304)

Within W2 : increasing at 0.1419/day (not significant, p=0.1729, R²=0.3355)
W2 day 1 : 3.0075
W2 last day: 3.9730
W2 total Δ : 0.9655 (▲ from start to end of W2)
```

```
Time Worked (sec) | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
```

```
-----
W1 average : 4.1884
W2 average : 3.4250
Overall : decreased by 0.7634 (-18.2%) - statistically significant (p=0.0001)

Within W2 : decreasing at 0.0999/day (significant, p=0.0364, R²=0.6168)
W2 day 1 : 3.8226
W2 last day: 3.2029
W2 total Δ : -0.6197 (▼ from start to end of W2)
```

```
=====
Time Worked (sec) | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
```

```
-----
W1 average : 4.8912
W2 average : 4.7491
Overall : decreased by 0.1421 (-2.9%) - not statistically significant (p=0.6342)

Within W2 : increasing at 0.1557/day (not significant, p=0.1523, R²=0.3628)
W2 day 1 : 4.2118
W2 last day: 5.5309
W2 total Δ : 1.3191 (▲ from start to end of W2)
```

```
Time Worked (sec) | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
```

```
-----
W1 average : 6.3639
W2 average : 4.7450
Overall : decreased by 1.6189 (-25.4%) - statistically significant (p=0.0)

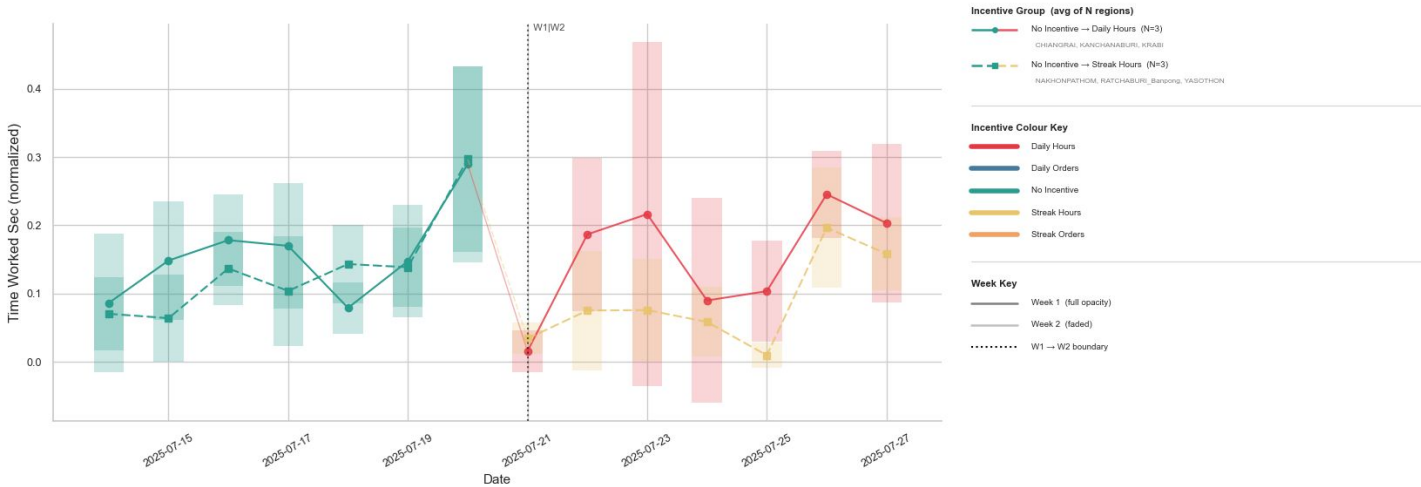
Within W2 : decreasing at 0.1721/day (not significant, p=0.0535, R²=0.5586)
W2 day 1 : 4.9300
W2 last day: 4.1483
W2 total Δ : -0.7817 (▼ from start to end of W2)
```

```
=====
Time Worked (sec) | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
```

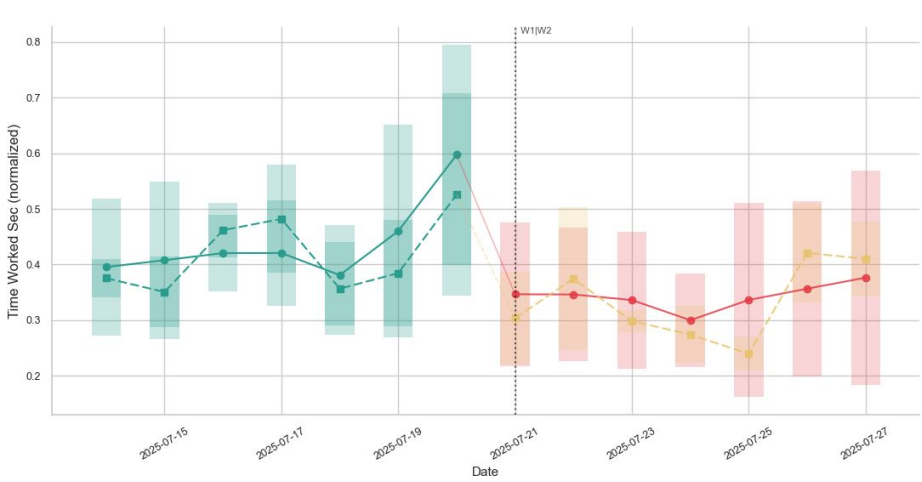
```
-----
W1 average : 6.7180
W2 average : 6.7235
Overall : increased by 0.0055 (+0.1%) - not statistically significant (p=0.9882)

Within W2 : increasing at 0.2340/day (not significant, p=0.113, R²=0.4242)
W2 day 1 : 6.0543
W2 last day: 7.6963
W2 total Δ : 1.6421 (▲ from start to end of W2)
```

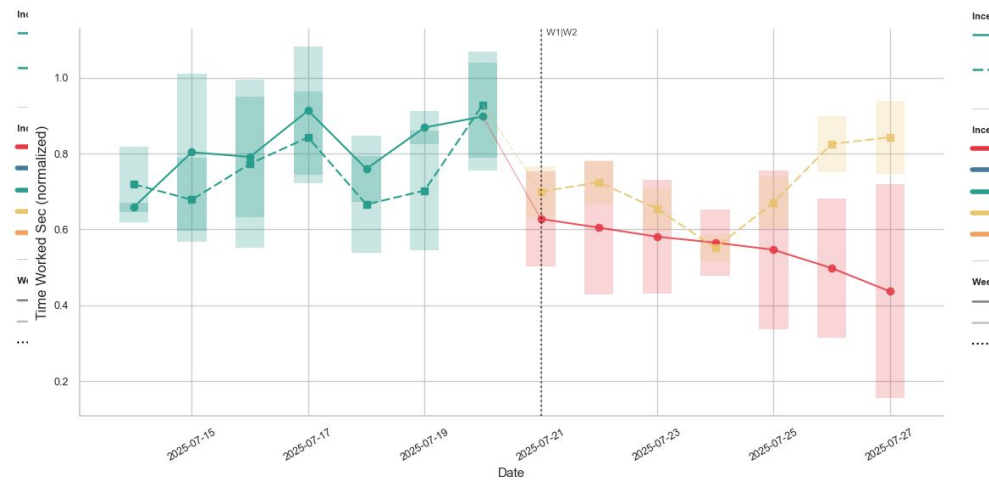
Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked Sec (normalized) - W1 Incentive: No Incentive - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



```
Time Worked (sec) | Driver Tier: Bottom
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)
-----
W1 average : 2.8734
W2 average : 2.8647
Overall    : decreased by 0.0088 (-0.3%) - not statistically significant (p=0.9621)

Within W2 : increasing at 0.1017/day (not significant, p=0.175, R²=0.3329)
W2 day 1  : 2.2657
W2 last day: 3.1560
W2 total Δ : 0.8903 (▲ from start to end of W2)
```

```
=====
Time Worked (sec) | Driver Tier: Bottom
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)
-----
W1 average : 2.8289
W2 average : 2.5570
Overall    : decreased by 0.2719 (-9.6%) - not statistically significant (p=0.2462)

Within W2 : increasing at 0.1119/day (not significant, p=0.1269, R²=0.401)
W2 day 1  : 2.2647
W2 last day: 2.9768
W2 total Δ : 0.7120 (▲ from start to end of W2)
```

```
Time Worked (sec) | Driver Tier: Mid
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)
-----
W1 average : 4.1116
W2 average : 3.6715
Overall    : decreased by 0.4401 (-10.7%) - statistically significant (p=0.0067)

Within W2 : increasing at 0.0210/day (not significant, p=0.2971, R²=0.2131)
W2 day 1  : 3.6863
W2 last day: 3.8244
W2 total Δ : 0.1382 (▲ from start to end of W2)
```

```
=====
Time Worked (sec) | Driver Tier: Mid
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)
-----
W1 average : 4.4351
W2 average : 3.9428
Overall    : decreased by 0.4923 (-11.1%) - statistically significant (p=0.0396)

Within W2 : increasing at 0.0701/day (not significant, p=0.4021, R²=0.1434)
W2 day 1  : 3.7843
W2 last day: 4.3970
W2 total Δ : 0.6128 (▲ from start to end of W2)
```

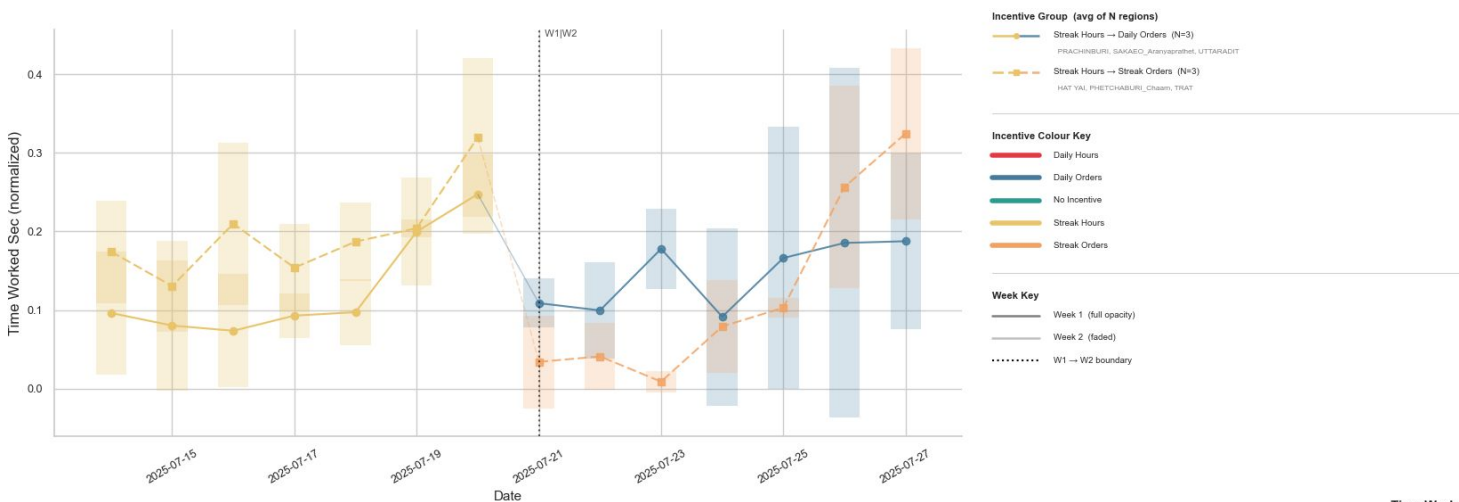
```
Time Worked (sec) | Driver Tier: Top
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)
-----
W1 average : 5.7608
W2 average : 4.5888
Overall    : decreased by 1.1721 (-20.4%) - statistically significant (p=0.0001)

Within W2 : decreasing at 0.1271/day (significant, p=0.001, R²=0.9034)
W2 day 1  : 4.9075
W2 last day: 4.0569
W2 total Δ : -0.8506 (▼ from start to end of W2)
```

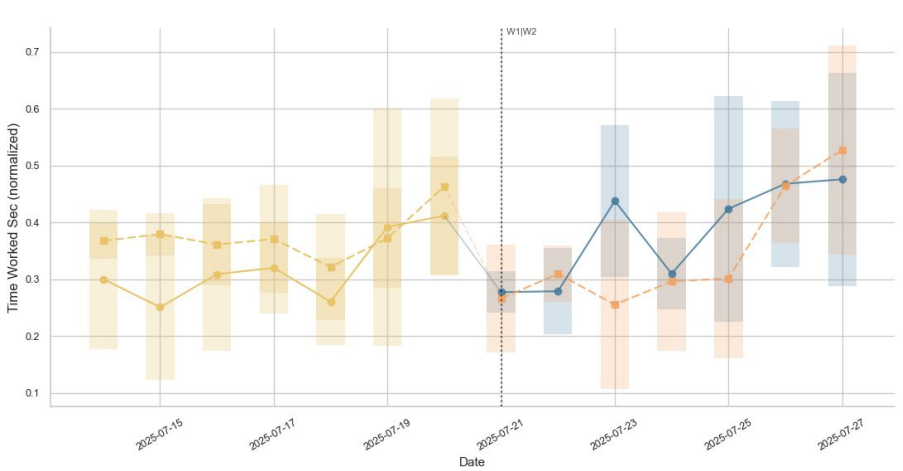
```
=====
Time Worked (sec) | Driver Tier: Top
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)
-----
W1 average : 6.3602
W2 average : 6.0822
Overall    : decreased by 0.2780 (-4.4%) - not statistically significant (p=0.3699)

Within W2 : increasing at 0.1301/day (not significant, p=0.2593, R²=0.2445)
W2 day 1  : 6.0247
W2 last day: 6.8296
W2 total Δ : 0.8050 (▲ from start to end of W2)
```

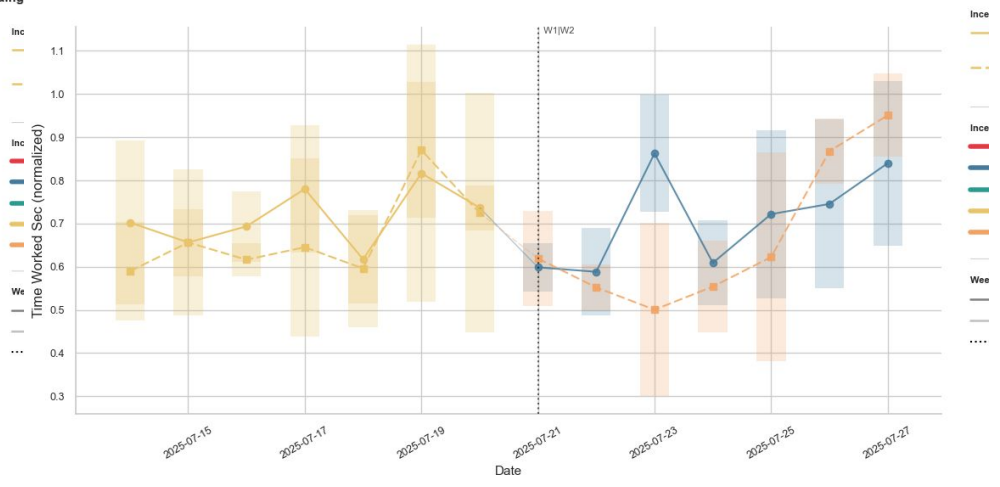
Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked (sec) | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 2.4273
W2 average : 2.5157
Overall : increased by 0.0884 (+3.6%) - not statistically significant (p=0.5632)

Within W2 : increasing at 0.0690/day (not significant, p=0.0674, R²=0.5201)
W2 day 1 : 2.3728
W2 last day: 2.7900
W2 total Δ : 0.4172 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 3.0746
W2 average : 2.6038
Overall : decreased by 0.4708 (-15.3%) - not statistically significant (p=0.1765)

Within W2 : increasing at 0.3121/day (significant, p=0.0078, R²=0.786)
W2 day 1 : 2.0635
W2 last day: 3.8755
W2 total Δ : 1.8121 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 3.3530
W2 average : 3.6381
Overall : increased by 0.2851 (+8.5%) - not statistically significant (p=0.1648)

Within W2 : increasing at 0.1451/day (not significant, p=0.0517, R²=0.5639)
W2 day 1 : 3.1522
W2 last day: 4.0262
W2 total Δ : 0.8741 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 4.1602
W2 average : 3.9688
Overall : decreased by 0.1913 (-4.6%) - not statistically significant (p=0.4957)

Within W2 : increasing at 0.2527/day (significant, p=0.0216, R²=0.6845)

Time Worked (sec) | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 5.2313
W2 average : 5.2471
Overall : increased by 0.0158 (+0.3%) - not statistically significant (p=0.9479)

Within W2 : increasing at 0.1226/day (not significant, p=0.2666, R²=0.2381)
W2 day 1 : 4.7643
W2 last day: 5.7933
W2 total Δ : 1.0290 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

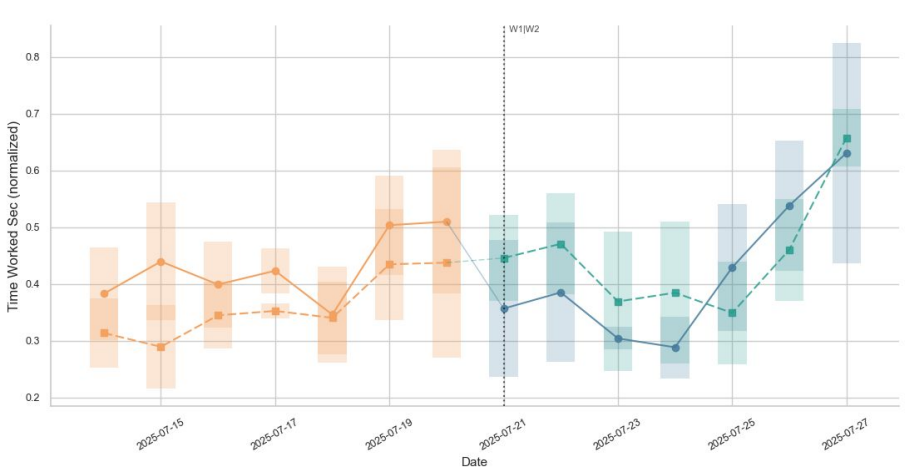
W1 average : 5.9755
W2 average : 5.9487
Overall : decreased by 0.0268 (-0.5%) - not statistically significant (p=0.9556)

Within W2 : increasing at 0.3866/day (significant, p=0.0408, R²=0.6004)
W2 day 1 : 5.6561
W2 last day: 7.7150
W2 total Δ : 2.0589 (▲ from start to end of W2)

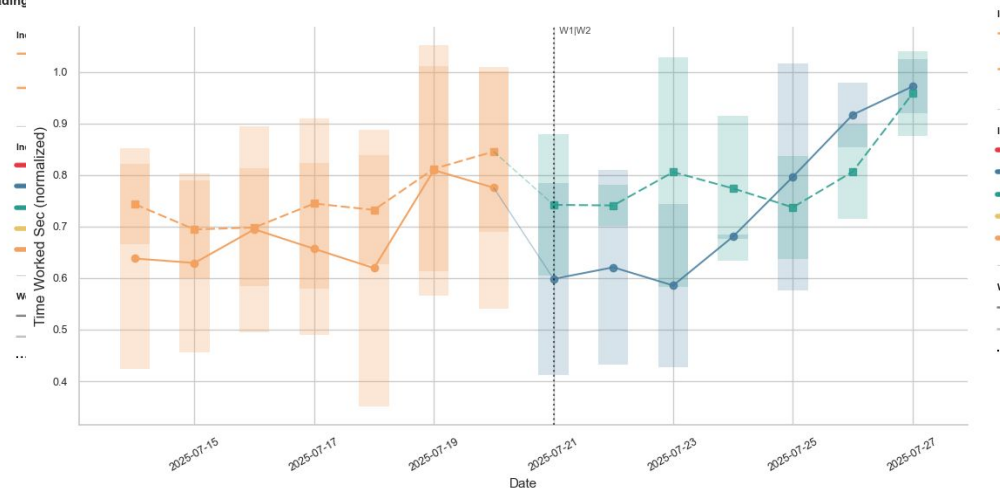
Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



```
Time Worked (sec) | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
W1 average : 2.7961
W2 average : 2.7131
Overall : decreased by 0.0830 (-3.0%) - not statistically significant (p=0.7513)

Within W2 : increasing at 0.2101/day (significant, p=0.012, R2=0.7479)
W2 day 1 : 2.4390
W2 last day: 3.4961
W2 total Δ : 1.0571 (▲ from start to end of W2)

=====

Time Worked (sec) | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
W1 average : 3.1147
W2 average : 3.4420
Overall : increased by 0.3274 (+10.5%) - not statistically significant (p=0.1015)

Within W2 : increasing at 0.0902/day (not significant, p=0.1872, R2=0.3182)
W2 day 1 : 3.2614
W2 last day: 4.1136
W2 total Δ : 0.8522 (▲ from start to end of W2)

=====

Time Worked (sec) | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
W1 average : 4.4044
W2 average : 4.3830
Overall : decreased by 0.0214 (-0.5%) - not statistically significant (p=0.9442)

Within W2 : increasing at 0.2613/day (significant, p=0.0341, R2=0.6259)
W2 day 1 : 3.9873
W2 last day: 5.5313
W2 total Δ : 1.5440 (▲ from start to end of W2)

=====

Time Worked (sec) | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
W1 average : 4.6948
W2 average : 5.1947
Overall : increased by 0.4999 (+10.7%) - not statistically significant (p=0.1036)

Within W2 : increasing at 0.1325/day (not significant, p=0.3169, R2=0.1982)
W2 day 1 : 5.1701
W2 last day: 6.4757
W2 total Δ : 1.3056 (▲ from start to end of W2)
```

```
Time Worked (sec) | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
W1 average : 5.7399
W2 average : 6.1571
Overall : increased by 0.4171 (+7.3%) - not statistically significant (p=0.3141)

Within W2 : increasing at 0.4175/day (significant, p=0.0009, R2=0.9096)
W2 day 1 : 5.2395
W2 last day: 7.4574
W2 total Δ : 2.2179 (▲ from start to end of W2)

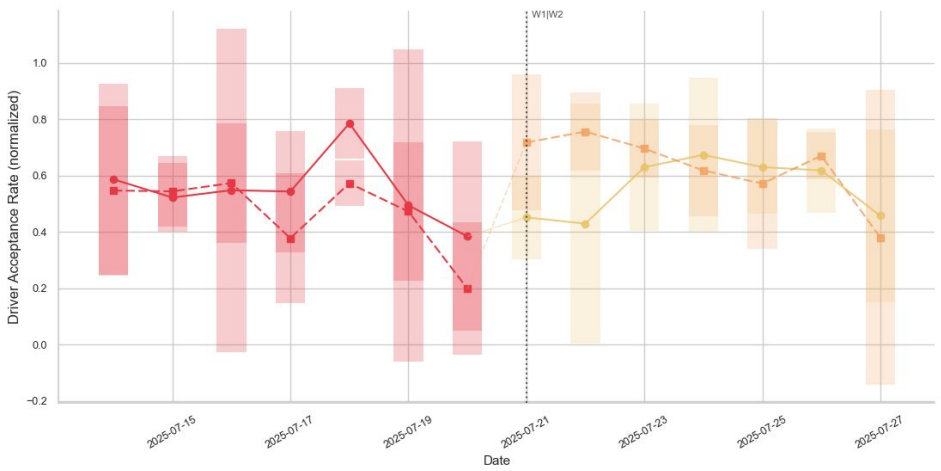
=====

Time Worked (sec) | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
W1 average : 7.0681
W2 average : 7.3081
Overall : increased by 0.2401 (+3.4%) - not statistically significant (p=0.3237)

Within W2 : increasing at 0.1643/day (not significant, p=0.0698, R2=0.5139)
W2 day 1 : 6.9614
W2 last day: 8.3608
W2 total Δ : 1.3994 (▲ from start to end of W2)
```

Acceptance Rate

Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Daily Hours → Streak Hours (N=3)
CHUMPHON, NONDORAL, SURATTHANI_CITY
- Daily Hours → Streak Orders (N=3)
CHANTHABURI, NAKHONSITHAMMARAT, SARABURI_Prasathabot

Incentive Colour Key

- Daily Hours (Red)
- Daily Orders (Blue)
- No Incentive (Teal)
- Streak Hours (Yellow)
- Streak Orders (Orange)

Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary (Dotted line)

Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 83.1%
W2 average : 84.0%
Overall : increased by 0.8% (+1.0%) - not statistically significant (p=0.6199)

Within W2 : increasing at 0.3%/day (not significant, p=0.5299, R²=0.0834)
W2 day 1 : 81.2%
W2 last day: 81.5%
W2 total Δ : 0.4% (▲ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 82.6%
W2 average : 86.6%
Overall : increased by 4.0% (+4.8%) - not statistically significant (p=0.0664)

Within W2 : decreasing at 1.1%/day (not significant, p=0.0736, R²=0.5048)
W2 day 1 : 87.9%
W2 last day: 79.4%
W2 total Δ : -8.5% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 91.5%
W2 average : 90.0%
Overall : decreased by 1.6% (-1.7%) - not statistically significant (p=0.2018)

Within W2 : decreasing at 0.1%/day (not significant, p=0.7551, R²=0.0213)
W2 day 1 : 88.8%
W2 last day: 85.9%
W2 total Δ : -2.9% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 90.6%
W2 average : 92.9%
Overall : increased by 2.3% (+2.6%) - not statistically significant (p=0.069)

Within W2 : decreasing at 0.6%/day (not significant, p=0.2638, R²=0.2405)
W2 day 1 : 92.2%
W2 last day: 87.9%
W2 total Δ : -4.3% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Top

Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

=====
W1 average : 88.8%
W2 average : 89.9%
Overall : increased by 1.1% (+1.3%) - not statistically significant (p=0.4426)

Within W2 : decreasing at 0.3%/day (not significant, p=0.6394, R²=0.0473)
W2 day 1 : 88.3%
W2 last day: 84.1%
W2 total Δ : -4.2% (▼ from start to end of W2)

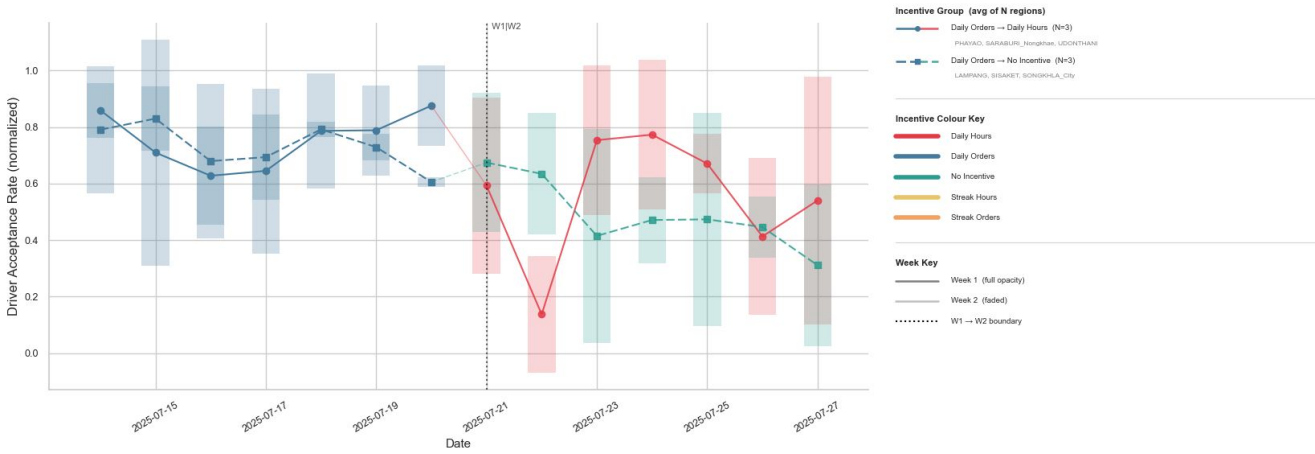
=====
Driver Acceptance Rate | Driver Tier: Top

Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

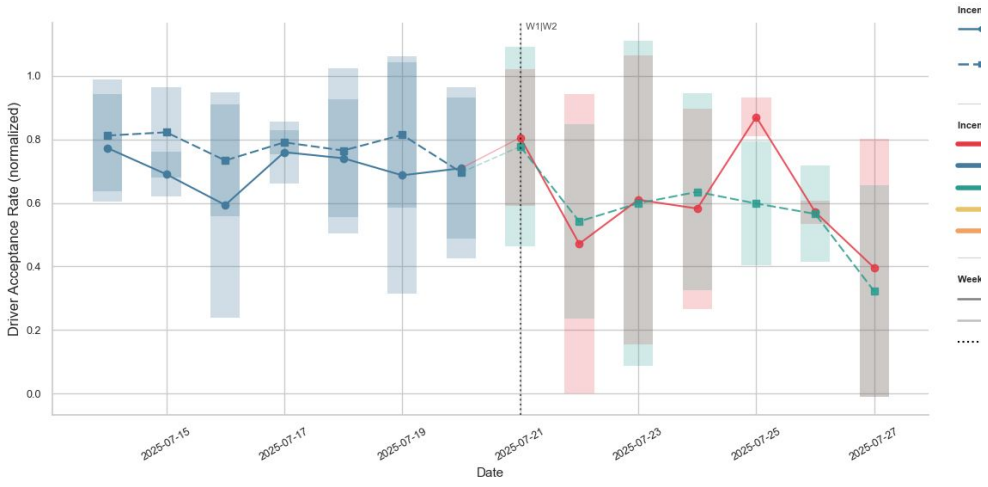
W1 average : 89.4%
W2 average : 91.2%
Overall : increased by 1.7% (+1.9%) - not statistically significant (p=0.3362)

Within W2 : decreasing at 1.3%/day (not significant, p=0.0747, R²=0.5022)
W2 day 1 : 93.2%
W2 last day: 82.6%
W2 total Δ : -10.5% (▼ from start to end of W2)

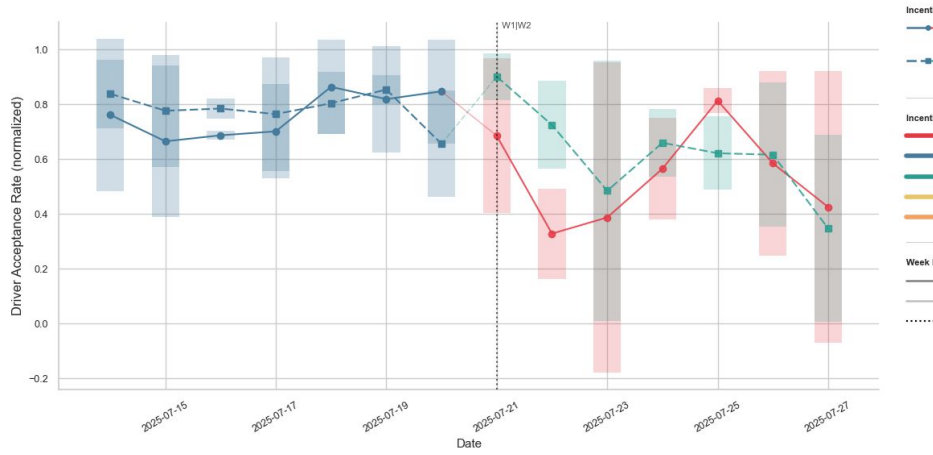
Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



```
Driver Acceptance Rate | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 90.0%
W2 average : 84.7%
Overall    : decreased by 5.3% (-5.9%) - statistically significant (p=0.04)

Within W2 : decreasing at 0.4%/day (not significant, p=0.7203, R²=0.0279)
W2 day 1  : 86.4%
W2 last day: 81.1%
W2 total Δ : -5.3% (▼ from start to end of W2)
```

```
=====
Driver Acceptance Rate | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
W1 average : 93.4%
W2 average : 90.4%
Overall    : decreased by 3.0% (-3.2%) - statistically significant (p=0.0062)
```

```
Within W2 : decreasing at 0.7%/day (not significant, p=0.066, R²=0.5237)
W2 day 1  : 93.6%
W2 last day: 87.8%
W2 total Δ : -5.8% (▼ from start to end of W2)
```

```
Driver Acceptance Rate | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
```

```
-----
W1 average : 90.8%
W2 average : 88.3%
Overall    : decreased by 2.4% (-2.7%) - not statistically significant (p=0.2427)
```

```
Within W2 : decreasing at 1.4%/day (not significant, p=0.1167, R²=0.4178)
W2 day 1  : 93.5%
W2 last day: 80.0%
W2 total Δ : -13.5% (▼ from start to end of W2)
```

```
=====
Driver Acceptance Rate | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
```

```
-----
W1 average : 94.6%
W2 average : 91.9%
Overall    : decreased by 2.8% (-2.9%) - statistically significant (p=0.0064)
```

```
Within W2 : decreasing at 0.6%/day (not significant, p=0.0971, R²=0.4538)
W2 day 1  : 95.2%
W2 last day: 89.2%
W2 total Δ : -6.0% (▼ from start to end of W2)
```

```
Driver Acceptance Rate | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
```

```
-----
W1 average : 91.5%
W2 average : 85.6%
Overall    : decreased by 5.9% (-6.5%) - statistically significant (p=0.0246)
```

```
Within W2 : decreasing at 1.0%/day (not significant, p=0.3407, R²=0.1814)
W2 day 1  : 90.3%
W2 last day: 78.1%
W2 total Δ : -12.2% (▼ from start to end of W2)
```

```
=====
Driver Acceptance Rate | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
```

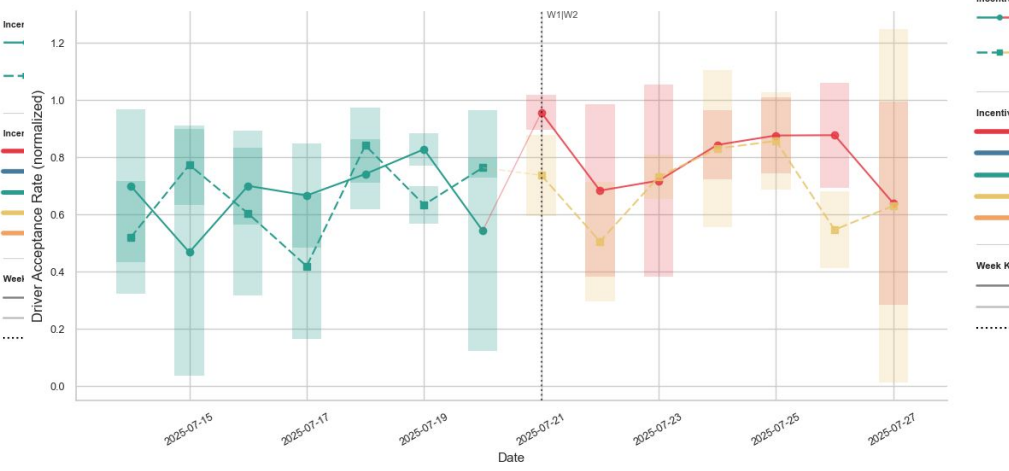
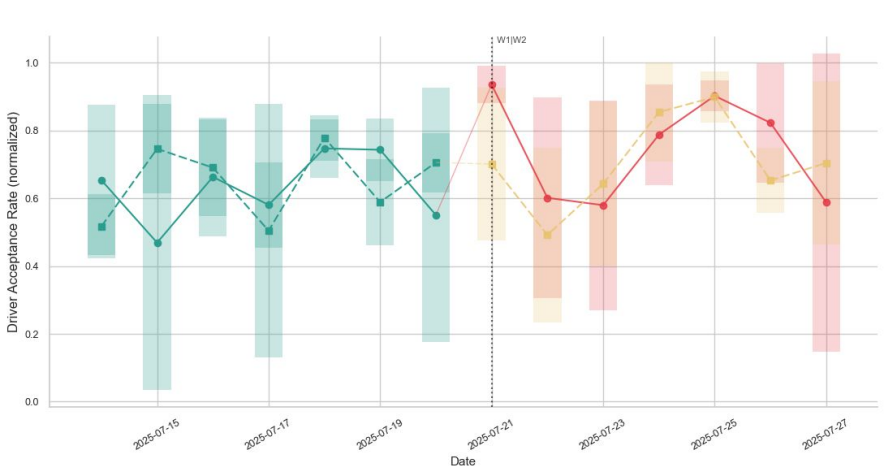
```
-----
W1 average : 94.1%
W2 average : 91.8%
Overall    : decreased by 2.3% (-2.4%) - not statistically significant (p=0.0616)
```

```
Within W2 : decreasing at 0.8%/day (not significant, p=0.083, R²=0.4832)
W2 day 1  : 96.0%
W2 last day: 88.2%
W2 total Δ : -7.8% (▼ from start to end of W2)
```

Driver Acceptance Rate (normalized) · W1 Incentive: No Incentive · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) · W1 Incentive: No Incentive · Driver Tier: Mid
 Driver Acceptance Rate (normalized) · W1 Incentive: No Incentive · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 9



Driver Acceptance Rate | Driver Tier: Bottom
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 80.2%
W2 average : 85.9%
Overall : increased by 5.7% (+7.1%) - statistically significant (p=0.0057)

Within W2 : decreasing at 0.1%/day (not significant, p=0.8998, R²=0.0035)
W2 day 1 : 87.5%
W2 last day: 82.8%
W2 total Δ : -4.7% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Bottom
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 88.9%
W2 average : 87.6%
Overall : decreased by 1.3% (-1.4%) - not statistically significant (p=0.3355)

Within W2 : decreasing at 0.4%/day (not significant, p=0.4205, R²=0.1334)
W2 day 1 : 89.0%
W2 last day: 84.8%
W2 total Δ : -4.3% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 86.1%
W2 average : 88.1%
Overall : increased by 2.1% (+2.4%) - not statistically significant (p=0.2899)

Within W2 : decreasing at 0.3%/day (not significant, p=0.7721, R²=0.0184)
W2 day 1 : 93.4%
W2 last day: 84.0%
W2 total Δ : -9.4% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

W1 average : 90.6%
W2 average : 91.7%
Overall : increased by 1.1% (+1.2%) - not statistically significant (p=0.3467)

Within W2 : increasing at 0.2%/day (not significant, p=0.6383, R²=0.0476)
W2 day 1 : 91.9%
W2 last day: 91.1%
W2 total Δ : -0.8% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Top
No Incentive → Daily Hours (N=3 regions: CHIANGRAI, KANCHANABURI, KRABI)

W1 average : 86.6%
W2 average : 89.6%
Overall : increased by 3.0% (+3.4%) - not statistically significant (p=0.0876)

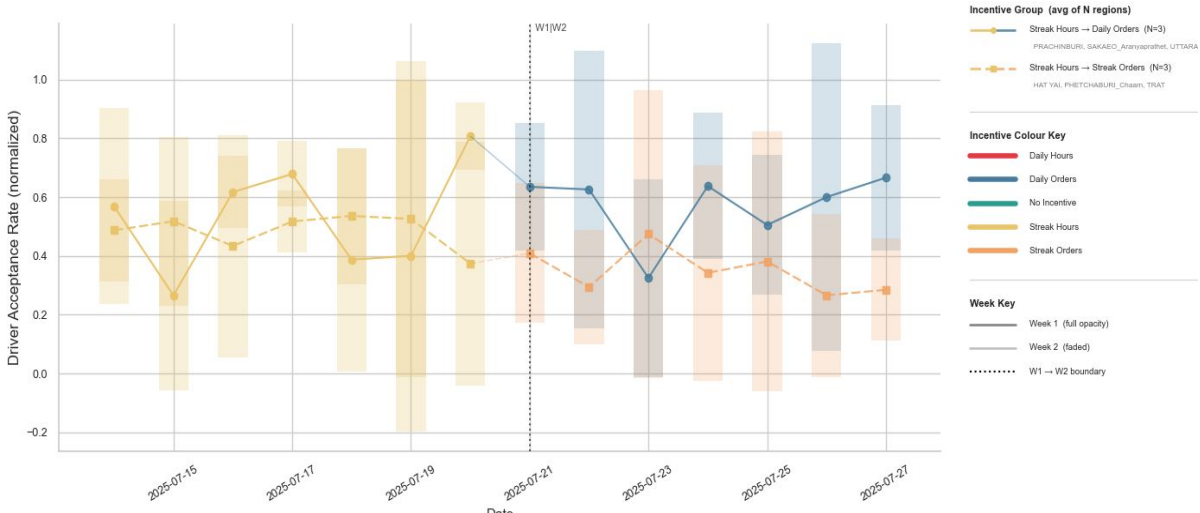
Within W2 : decreasing at 0.3%/day (not significant, p=0.6808, R²=0.0367)
W2 day 1 : 93.9%
W2 last day: 85.9%
W2 total Δ : -8.0% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Top
No Incentive → Streak Hours (N=3 regions: NAKHONPATHOM, RATCHABURI_Banpong, YASOTHON)

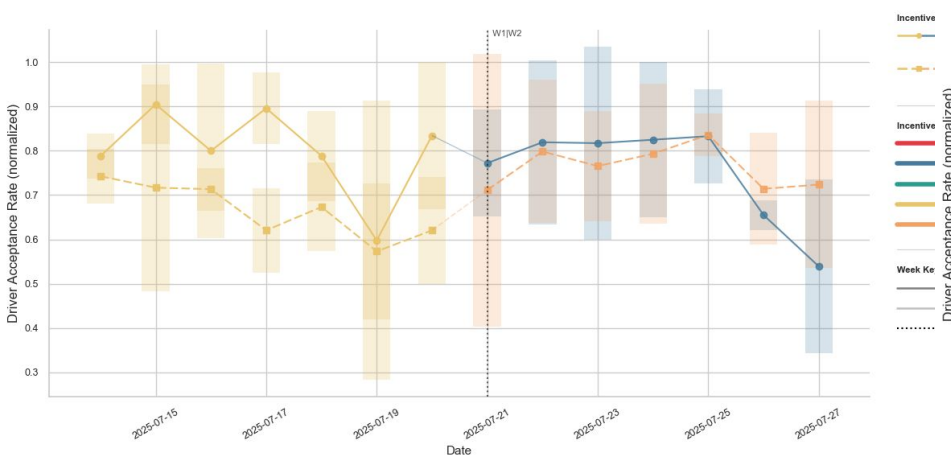
W1 average : 90.4%
W2 average : 90.7%
Overall : increased by 0.3% (+0.3%) - not statistically significant (p=0.8163)

Within W2 : decreasing at 0.1%/day (not significant, p=0.7821, R²=0.0168)
W2 day 1 : 91.8%
W2 last day: 88.9%
W2 total Δ : -2.9% (▼ from start to end of W2)

Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95



Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95



Driver Acceptance Rate | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 90.4%
W2 average : 90.8%
Overall : increased by 0.4% (+0.4%) - not statistically significant (p=0.7966)

Within W2 : increasing at 0.1%/day (not significant, p=0.8405, R²=0.0089)
W2 day 1 : 91.5%
W2 last day: 92.5%
W2 total Δ : 1.0% (▲ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 89.9%
W2 average : 89.6%
Overall : decreased by 0.3% (-0.3%) - not statistically significant (p=0.5912)

Within W2 : decreasing at 0.2%/day (not significant, p=0.3539, R²=0.1726)
W2 day 1 : 90.2%
W2 last day: 88.5%
W2 total Δ : -1.7% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 95.0%
W2 average : 94.0%
Overall : decreased by 0.9% (-1.0%) - not statistically significant (p=0.3479)

Within W2 : decreasing at 0.7%/day (not significant, p=0.079, R²=0.4921)
W2 day 1 : 94.5%
W2 last day: 90.1%
W2 total Δ : -4.4% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 92.8%
W2 average : 94.2%
Overall : increased by 1.4% (+1.5%) - statistically significant (p=0.0039)

Within W2 : decreasing at 0.1%/day (not significant, p=0.4555, R²=0.1156)
W2 day 1 : 93.9%
W2 last day: 93.9%

=====
Driver Acceptance Rate | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 94.7%
W2 average : 95.3%
Overall : increased by 0.5% (+0.6%) - not statistically significant (p=0.5403)

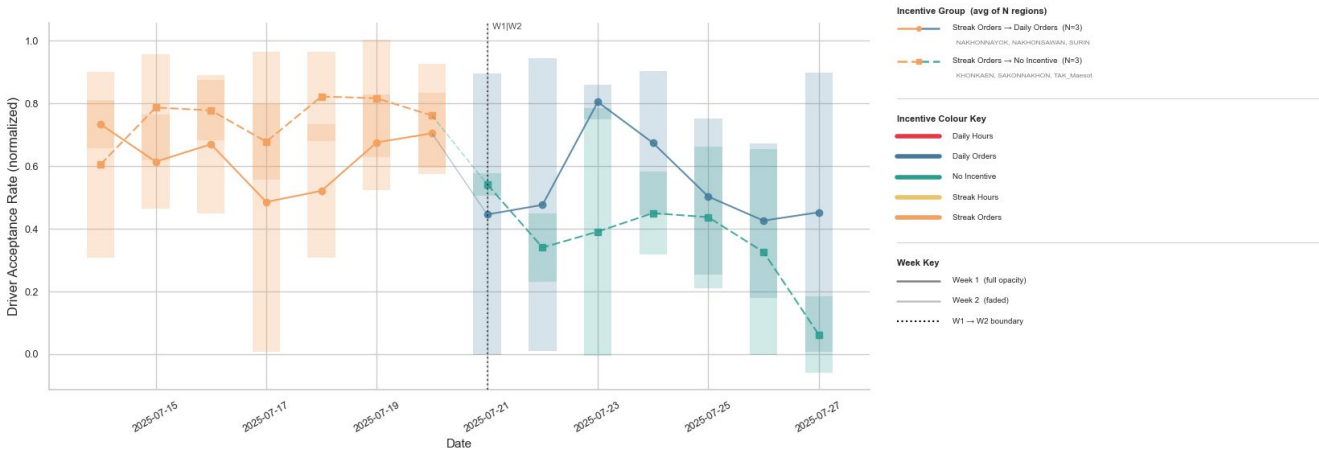
Within W2 : decreasing at 0.4%/day (not significant, p=0.2211, R²=0.2809)
W2 day 1 : 97.2%
W2 last day: 93.7%
W2 total Δ : -3.5% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

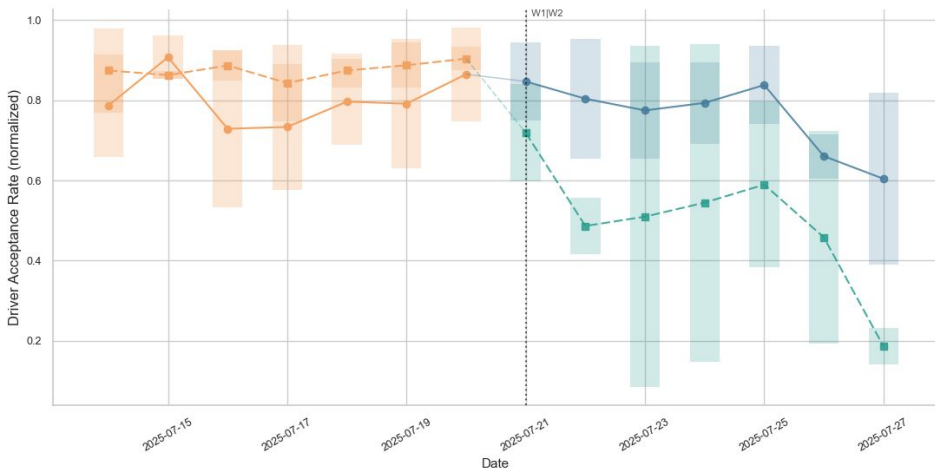
W1 average : 93.7%
W2 average : 95.2%
Overall : increased by 1.5% (+1.6%) - not statistically significant (p=0.0801)

Within W2 : decreasing at 0.1%/day (not significant, p=0.4237, R²=0.1317)
W2 day 1 : 95.2%
W2 last day: 94.2%
W2 total Δ : -1.0% (▼ from start to end of W2)

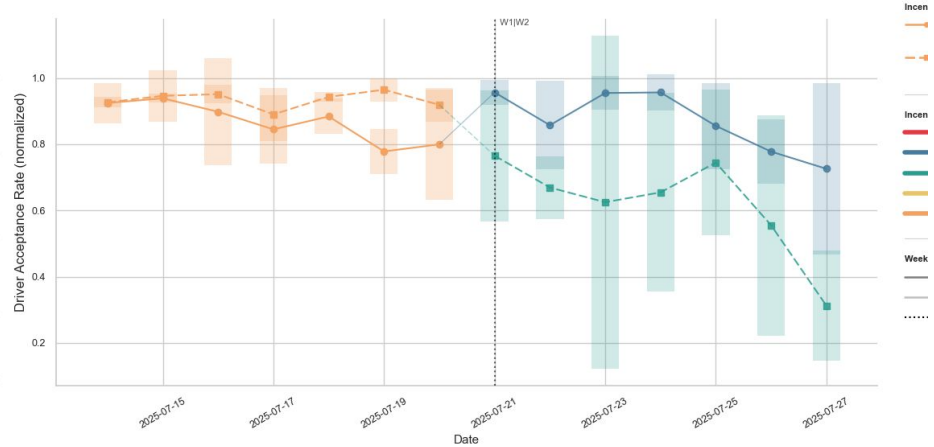
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



```
Driver Acceptance Rate | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
W1 average : 91.2%
W2 average : 90.0%
Overall    : decreased by 1.2% (-1.3%) - not statistically significant (p=0.358)

Within W2 : decreasing at 0.3%/day (not significant, p=0.6088, R²=0.0562)
W2 day 1  : 88.3%
W2 last day: 88.3%
W2 total Δ : -0.0% (▼ from start to end of W2)
=====
```

```
Driver Acceptance Rate | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
W1 average : 84.1%
W2 average : 68.7%
Overall    : decreased by 15.3% (-18.3%) - statistically significant (p=0.0002)

Within W2 : decreasing at 2.1%/day (significant, p=0.0449, R²=0.586)
W2 day 1  : 76.4%
W2 last day: 57.3%
W2 total Δ : -19.1% (▼ from start to end of W2)
=====
```

```
Driver Acceptance Rate | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
W1 average : 94.9%
W2 average : 94.3%
Overall    : decreased by 0.6% (-0.6%) - not statistically significant (p=0.5143)

Within W2 : decreasing at 0.6%/day (significant, p=0.0362, R²=0.6174)
W2 day 1  : 96.0%
W2 last day: 91.5%
W2 total Δ : -4.4% (▼ from start to end of W2)
=====
```

```
Driver Acceptance Rate | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
W1 average : 89.6%
W2 average : 74.8%
Overall    : decreased by 14.9% (-16.6%) - statistically significant (p=0.0009)

Within W2 : decreasing at 2.4%/day (significant, p=0.039, R²=0.6069)
W2 day 1  : 83.5%
W2 last day: 62.1%
```

```
Driver Acceptance Rate | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)
-----
```

```
W1 average : 96.1%
W2 average : 96.4%
Overall    : increased by 0.3% (+0.3%) - not statistically significant (p=0.6739)

Within W2 : decreasing at 0.6%/day (significant, p=0.0417, R²=0.5971)
W2 day 1  : 97.9%
W2 last day: 94.0%
W2 total Δ : -3.9% (▼ from start to end of W2)
=====
```

```
Driver Acceptance Rate | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)
-----
```

```
W1 average : 92.4%
W2 average : 79.3%
Overall    : decreased by 13.1% (-14.2%) - statistically significant (p=0.0016)

Within W2 : decreasing at 2.3%/day (significant, p=0.0477, R²=0.5767)
W2 day 1  : 85.8%
W2 last day: 66.5%
W2 total Δ : -19.4% (▼ from start to end of W2)
```

Overall Analysis

<https://docs.google.com/spreadsheets/d/1rO8QX8B0Mov1A-jHTGuOwY11E3T1S1EsDvM7JIHPvDY/edit?usp=sharing> -> data

Streak Orders -> No incentive: Worst sequence (strongest negative signal)

- Acceptance Rate: bottom tier dropped from 84.1% -> 68.7%; mid tier dropped from 89.6% -> 74.8%; top tier dropped from 92.4% -> 79.3%
 - Throughout W2, acceptance rate declined roughly 2.1-2.4% per day
- Orders completed: No significant change (completed the same number of orders, but since more orders came in throughout the week, acceptance rate dropped -> allowed drivers to be more selective with which orders to complete)

Daily Order Count | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 13.7028
W2 average : 12.9175
Overall : decreased by 0.7854 (-5.7%) - not statistically significant (p=0.4357)

Within W2 : increasing at 0.8059/day (significant, p=0.0043, R²=0.8308)
W2 day 1 : 11.6019
W2 last day: 15.4914
W2 total Δ : 3.8895 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 14.7847
W2 average : 16.0988
Overall : increased by 1.3141 (+8.9%) - not statistically significant (p=0.0943)

Within W2 : increasing at 0.4027/day (not significant, p=0.1057, R²=0.4374)
W2 day 1 : 15.3217
W2 last day: 18.6442
W2 total Δ : 3.3224 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 21.9196
W2 average : 21.3144
Overall : decreased by 0.6052 (-2.8%) - not statistically significant (p=0.4432)

Within W2 : increasing at 0.5742/day (not significant, p=0.0704, R²=0.5126)
W2 day 1 : 20.6119
W2 last day: 24.0740
W2 total Δ : 3.4621 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 22.6864
W2 average : 24.7528
Overall : increased by 2.0664 (+9.1%) - not statistically significant (p=0.1168)

Within W2 : increasing at 0.4970/day (not significant, p=0.3965, R²=0.1466)
W2 day 1 : 24.9745
W2 last day: 30.2969

Daily Order Count | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 29.3367
W2 average : 30.3006
Overall : increased by 0.9640 (+3.3%) - not statistically significant (p=0.453)

Within W2 : increasing at 1.2880/day (significant, p=0.0009, R²=0.9079)
W2 day 1 : 27.1873
W2 last day: 34.2873
W2 total Δ : 7.1000 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 33.3288
W2 average : 33.7846
Overall : increased by 0.4559 (+1.4%) - not statistically significant (p=0.5991)

Within W2 : increasing at 0.5504/day (not significant, p=0.0775, R²=0.4956)
W2 day 1 : 32.7011
W2 last day: 37.3677
W2 total Δ : 4.6666 (▲ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Bottom
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 91.2%
W2 average : 90.0%
Overall : decreased by 1.2% (-1.3%) - not statistically significant (p=0.358)

Within W2 : decreasing at 0.3%/day (not significant, p=0.6088, R²=0.0562)
W2 day 1 : 88.3%
W2 last day: 88.3%
W2 total Δ : -0.0% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Bottom
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 84.1%
W2 average : 68.7%
Overall : decreased by 15.3% (-18.3%) - statistically significant (p=0.0002)

Within W2 : decreasing at 2.1%/day (significant, p=0.0449, R²=0.586)
W2 day 1 : 76.4%
W2 last day: 57.3%
W2 total Δ : -19.1% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Mid
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 94.9%
W2 average : 94.3%
Overall : decreased by 0.6% (-0.6%) - not statistically significant (p=0.5143)

Within W2 : decreasing at 0.6%/day (significant, p=0.0362, R²=0.6174)
W2 day 1 : 96.0%
W2 last day: 91.5%
W2 total Δ : -4.4% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Mid
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

W1 average : 89.6%
W2 average : 74.8%
Overall : decreased by 14.9% (-16.6%) - statistically significant (p=0.0009)

Within W2 : decreasing at 2.4%/day (significant, p=0.039, R²=0.6069)
W2 day 1 : 83.5%
W2 last day: 62.1%

Driver Acceptance Rate | Driver Tier: Top
Streak Orders → Daily Orders (N=3 regions: NAKHONNAYOK, NAKHONSAWAN, SURIN)

W1 average : 96.1%
W2 average : 96.4%
Overall : increased by 0.3% (+0.3%) - not statistically significant (p=0.6739)

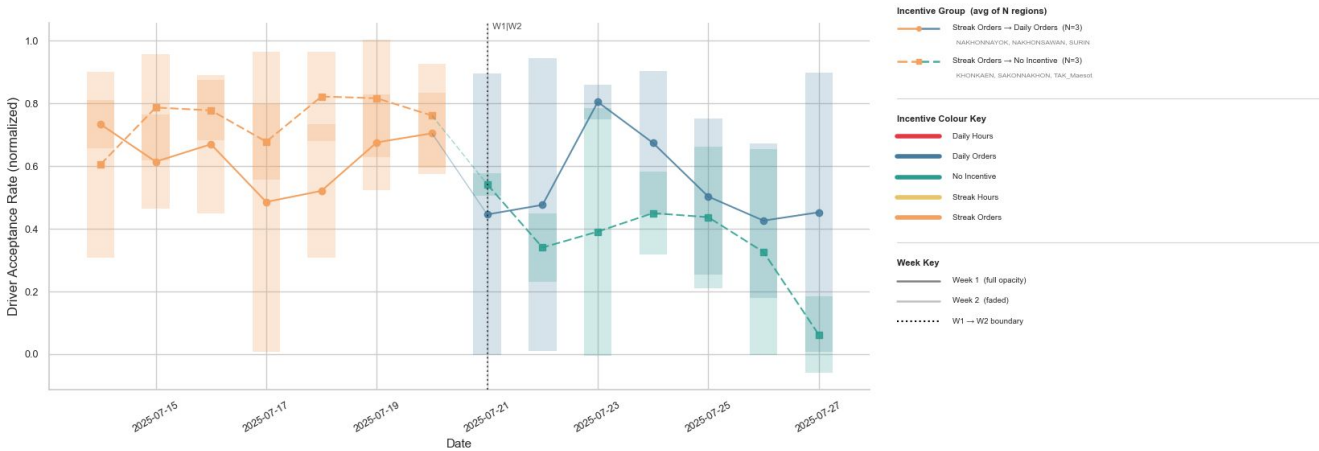
Within W2 : decreasing at 0.6%/day (significant, p=0.0417, R²=0.5971)
W2 day 1 : 97.9%
W2 last day: 94.0%
W2 total Δ : -3.9% (▼ from start to end of W2)

Driver Acceptance Rate | Driver Tier: Top
Streak Orders → No Incentive (N=3 regions: KHONKAEN, SAKONNAKHON, TAK_Maesot)

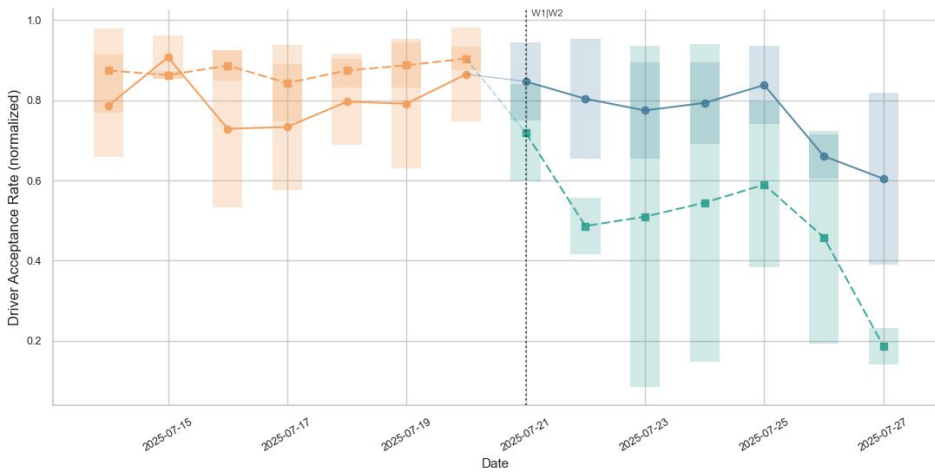
W1 average : 92.4%
W2 average : 79.3%
Overall : decreased by 13.1% (-14.2%) - statistically significant (p=0.0016)

Within W2 : decreasing at 2.3%/day (significant, p=0.0477, R²=0.5767)
W2 day 1 : 85.8%
W2 last day: 66.5%
W2 total Δ : -19.4% (▼ from start to end of W2)

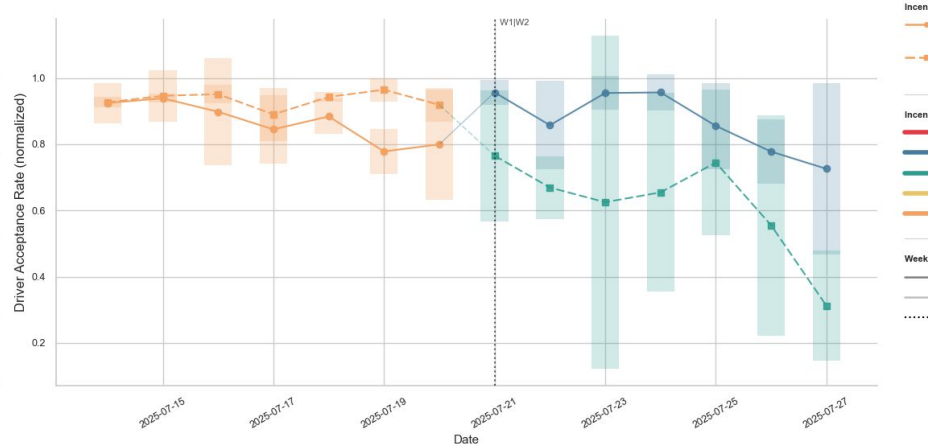
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



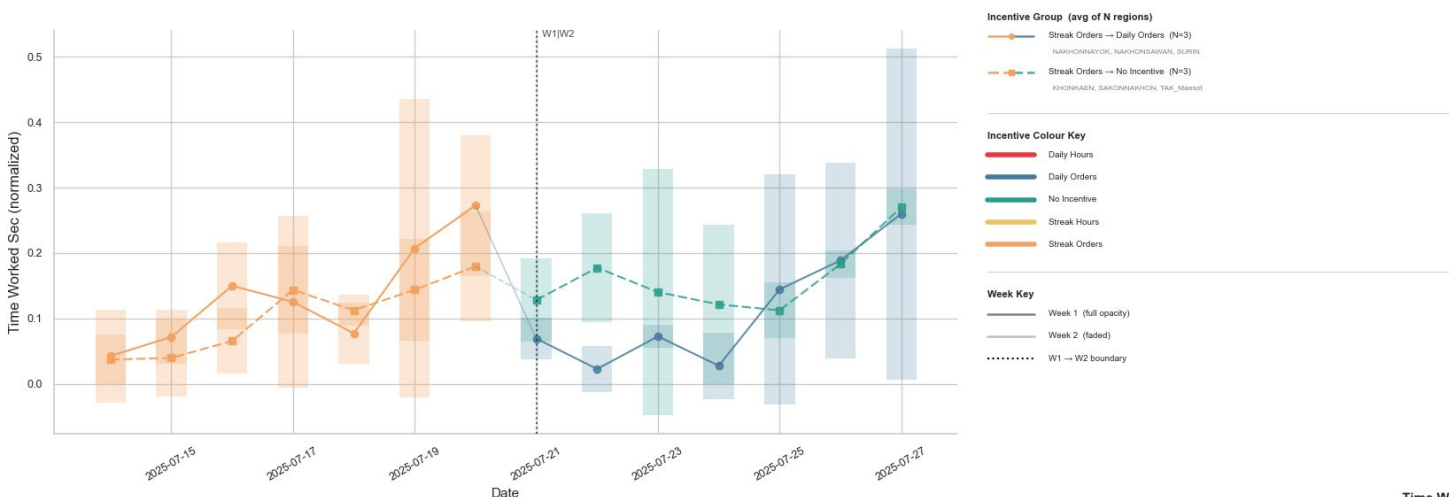
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



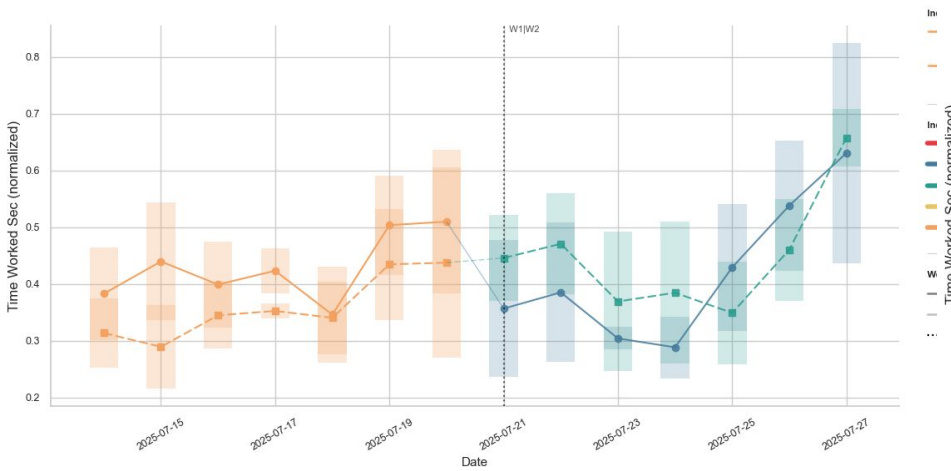
Driver Acceptance Rate (normalized) - W1 Incentive: Streak Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



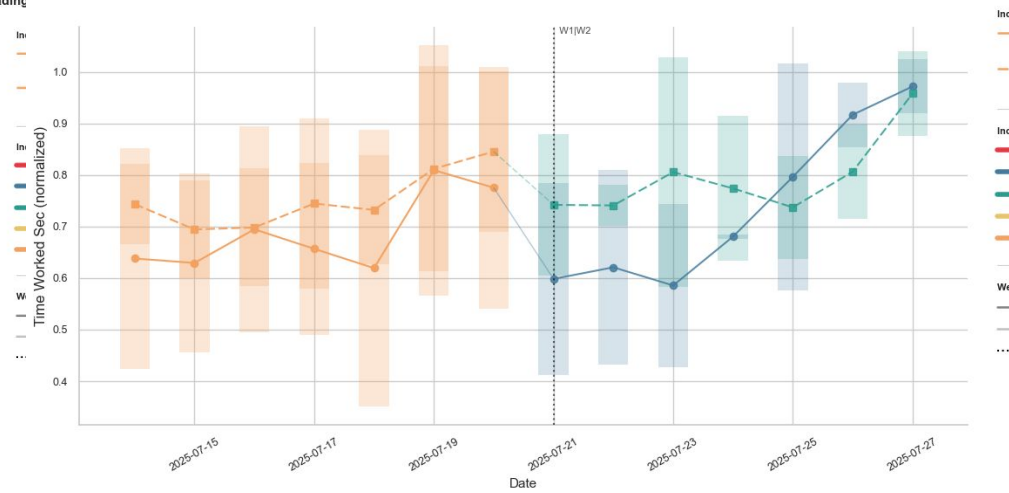
Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



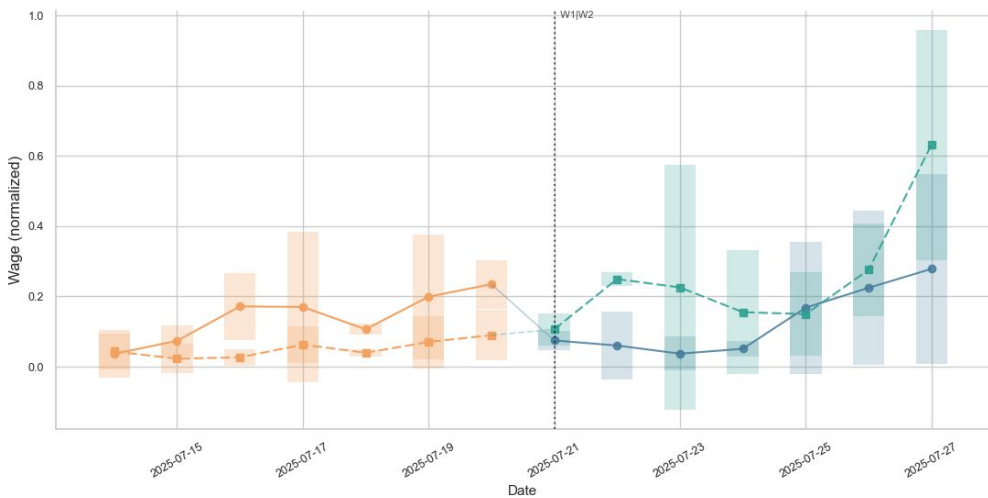
Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



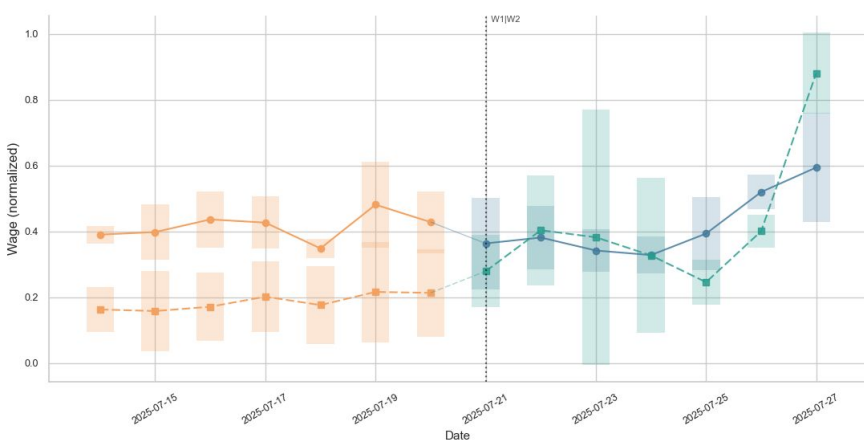
Time Worked Sec (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



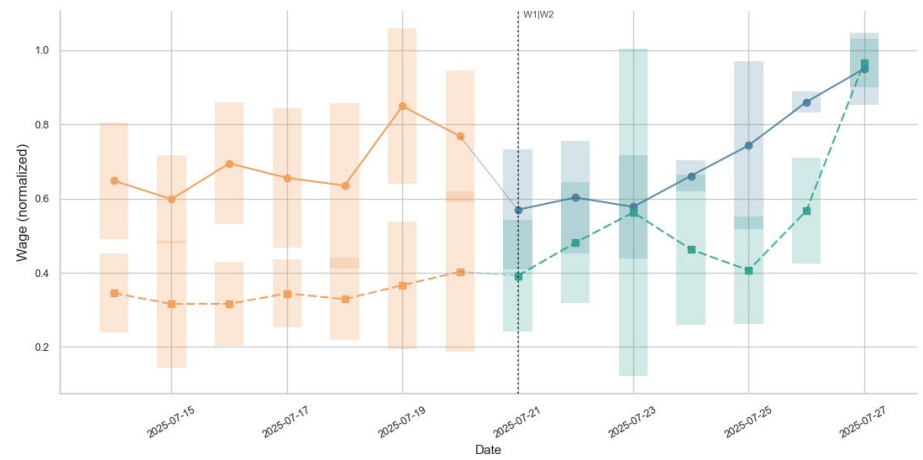
Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



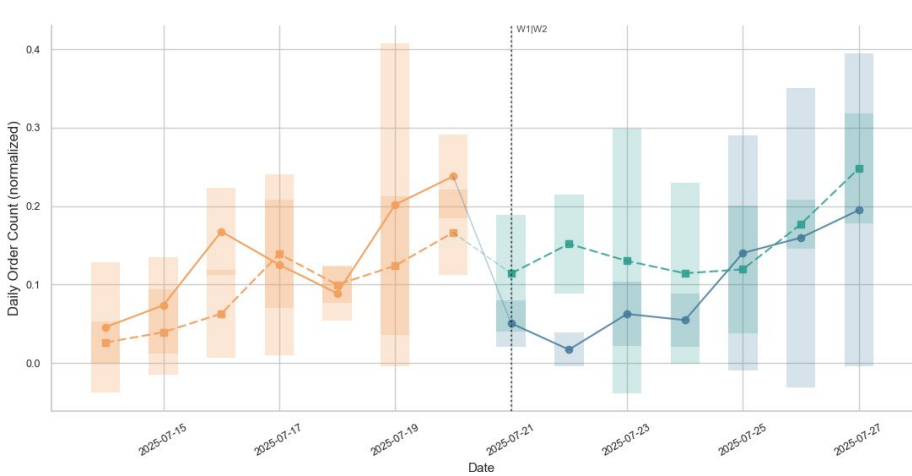
Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



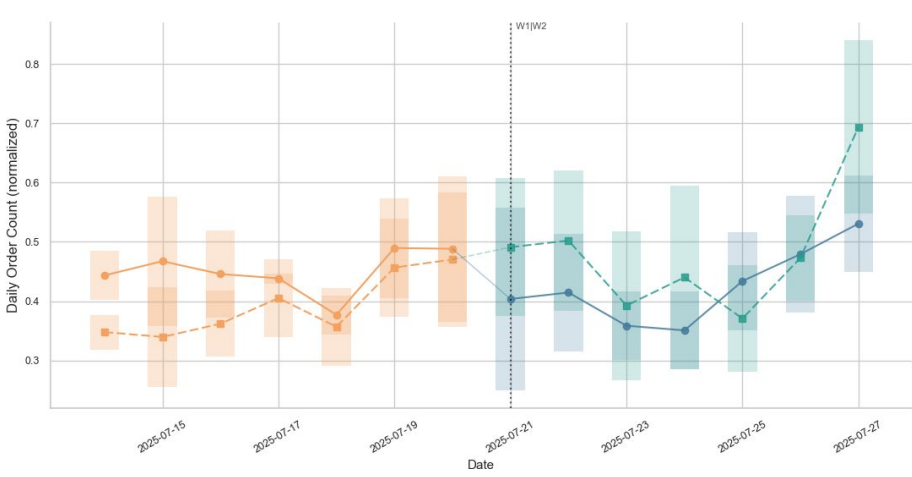
Wage (normalized) · W1 Incentive: Streak Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



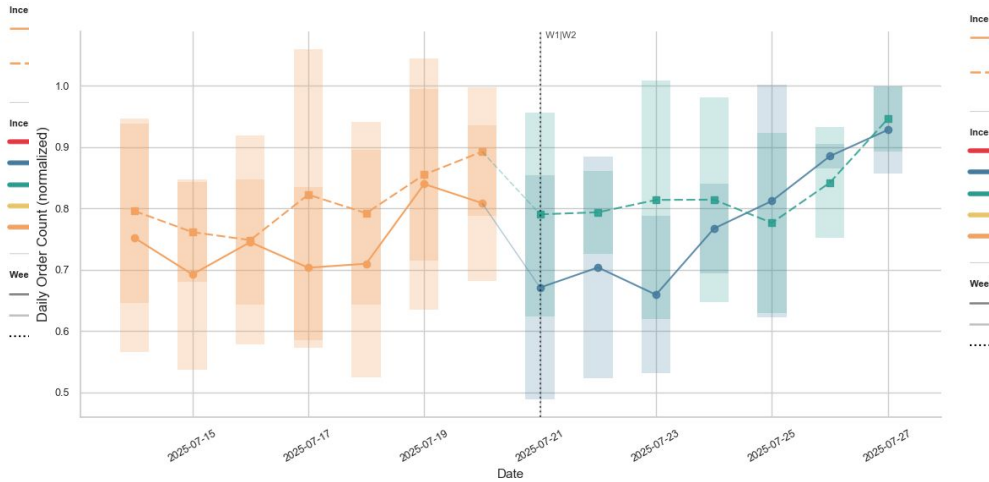
Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Orders -> Daily Hours: hurt Mid/Top tiers

- Orders completed fell significantly for Mid (-24.1%) and Top (-29.1%) from W1 to W2 (average)
 - Continued declining throughout W2 (Mid: $\sim -0.69/\text{day}$; Top: $\sim -0.93/\text{day}$)
- Time worked followed same pattern -> Mid dropped 18.2% and Top dropped 25.4% with the decline continuing throughout W2

**Daily Orders -> Daily Hours caused top-performing drivers to work less, complete fewer orders, and thus also earn less

```
Time Worked (sec) | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
W1 average : 2.4403
W2 average : 2.5939
Overall : increased by 0.1536 (+6.3%) - not statistically significant (p=0.3724)

Within W2 : decreasing at 0.0619/day (not significant, p=0.276, R²=0.2301)
W2 day 1 : 2.4531
W2 last day: 2.4042
W2 total Δ : -0.0488 (▼ from start to end of W2)
=====
```

```
Time Worked (sec) | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
```

```
W1 average : 3.3917
W2 average : 3.3379
Overall : decreased by 0.0538 (-1.6%) - not statistically significant (p=0.8304)

Within W2 : increasing at 0.1419/day (not significant, p=0.1729, R²=0.3355)
W2 day 1 : 3.0075
W2 last day: 3.9730
W2 total Δ : 0.9655 (▲ from start to end of W2)
=====
```

```
Time Worked (sec) | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
```

```
W1 average : 4.1884
W2 average : 3.4250
Overall : decreased by 0.7634 (-18.2%) - statistically significant (p=0.0001)

Within W2 : decreasing at 0.0999/day (significant, p=0.0364, R²=0.6168)
W2 day 1 : 3.8226
W2 last day: 3.2029
W2 total Δ : -0.6197 (▼ from start to end of W2)
=====
```

```
Time Worked (sec) | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
```

```
W1 average : 4.8912
W2 average : 4.7491
Overall : decreased by 0.1421 (-2.9%) - not statistically significant (p=0.6342)

Within W2 : increasing at 0.1557/day (not significant, p=0.1523, R²=0.3628)
W2 day 1 : 4.2118
W2 last day: 5.5309
W2 total Δ : 1.3191 (▲ from start to end of W2)
=====
```

```
Time Worked (sec) | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)
-----
```

```
W1 average : 6.3639
W2 average : 4.7450
Overall : decreased by 1.6189 (-25.4%) - statistically significant (p=0.0)

Within W2 : decreasing at 0.1721/day (not significant, p=0.0535, R²=0.5586)
W2 day 1 : 4.9300
W2 last day: 4.1483
W2 total Δ : -0.7817 (▼ from start to end of W2)
=====
```

```
Time Worked (sec) | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)
-----
```

```
W1 average : 6.7180
W2 average : 6.7235
Overall : increased by 0.0055 (+0.1%) - not statistically significant (p=0.9882)

Within W2 : increasing at 0.2340/day (not significant, p=0.113, R²=0.4242)
W2 day 1 : 6.0543
W2 last day: 7.6963
W2 total Δ : 1.6421 (▲ from start to end of W2)
=====
```

Daily Order Count | Driver Tier: Bottom
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 11.6823
W2 average : 11.8041
Overall : increased by 0.1218 (+1.0%) - not statistically significant (p=0.8695)

Within W2 : decreasing at 0.3588/day (not significant, p=0.0809, R²=0.4878)
W2 day 1 : 12.1372
W2 last day: 10.8035
W2 total Δ : -1.3337 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

W1 average : 14.9032
W2 average : 14.3993
Overall : decreased by 0.5038 (-3.4%) - not statistically significant (p=0.6158)

Within W2 : increasing at 0.5079/day (not significant, p=0.2474, R²=0.2553)
W2 day 1 : 13.3927
W2 last day: 17.6297
W2 total Δ : 4.2370 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 21.4633
W2 average : 16.2977
Overall : decreased by 5.1656 (-24.1%) - statistically significant (p=0.0)

Within W2 : decreasing at 0.6870/day (significant, p=0.006, R²=0.8067)
W2 day 1 : 18.9254
W2 last day: 14.3126
W2 total Δ : -4.6128 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

W1 average : 22.4161
W2 average : 21.9835
Overall : decreased by 0.4326 (-1.9%) - not statistically significant (p=0.7138)

Within W2 : increasing at 0.5950/day (not significant, p=0.2208, R²=0.2812)
W2 day 1 : 20.4322
W2 last day: 25.5415
W2 total Δ : 5.1093 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Top
Daily Orders → Daily Hours (N=3 regions: PHAYAO, SARABURI_Nongkhae, UDONTHANI)

W1 average : 31.9562
W2 average : 22.6543
Overall : decreased by 9.3019 (-29.1%) - statistically significant (p=0.0)

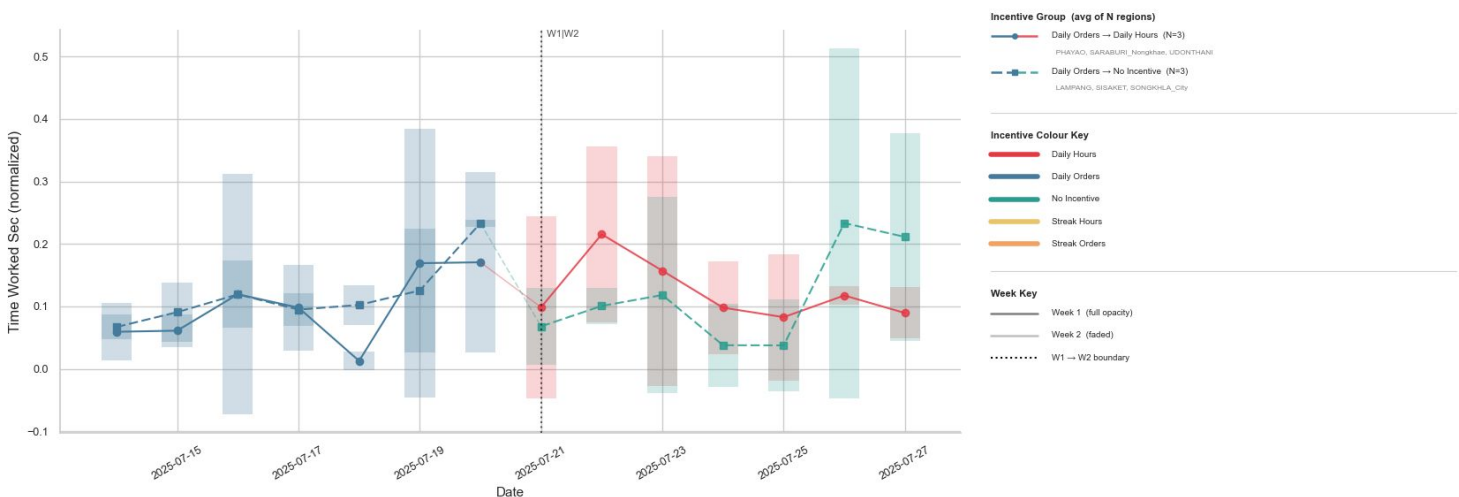
Within W2 : decreasing at 0.9336/day (significant, p=0.0188, R²=0.7006)
W2 day 1 : 24.1888
W2 last day: 19.3361
W2 total Δ : -4.8526 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Daily Orders → No Incentive (N=3 regions: LAMPANG, SISAKET, SONGKHLA_City)

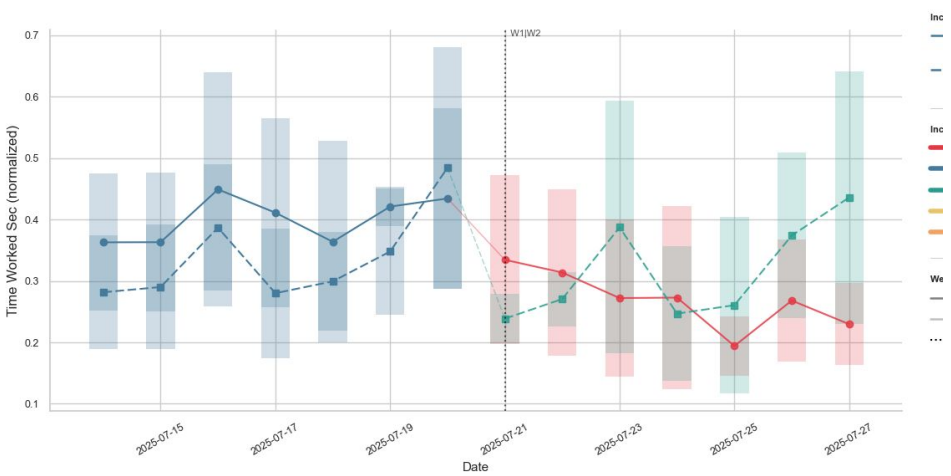
W1 average : 30.8997
W2 average : 30.6385
Overall : decreased by 0.2612 (-0.8%) - not statistically significant (p=0.8632)

Within W2 : increasing at 0.8339/day (not significant, p=0.1939, R²=0.3104)
W2 day 1 : 28.2674
W2 last day: 35.0064
W2 total Δ : 6.7390 (▲ from start to end of W2)

Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



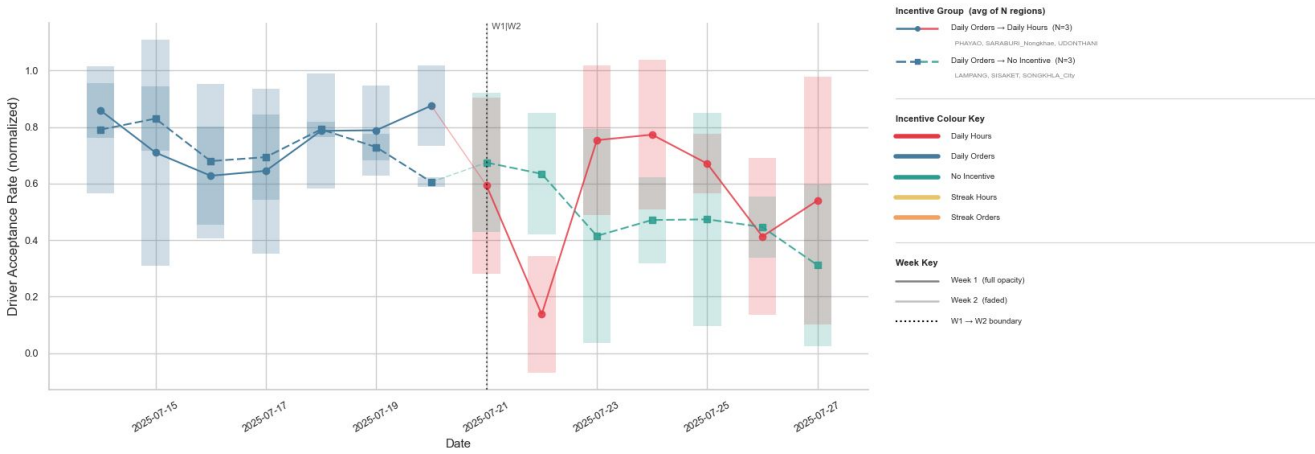
Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



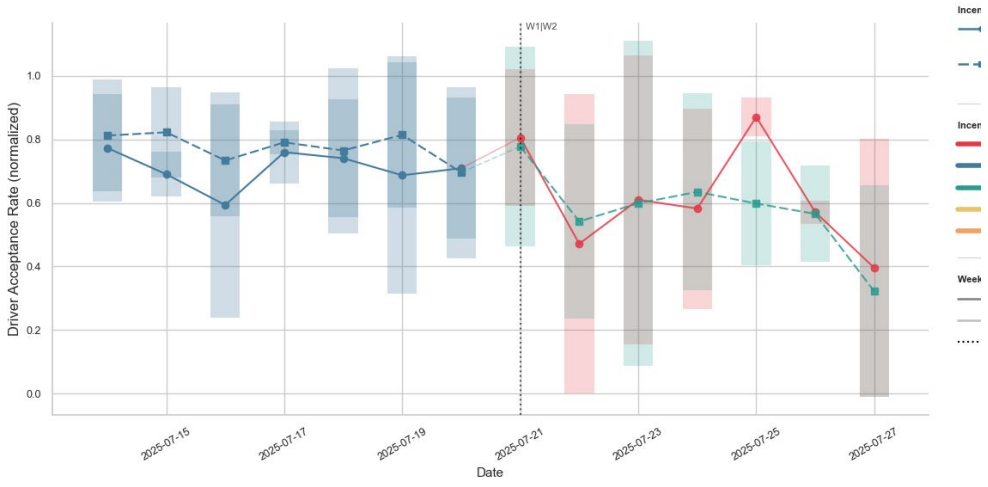
Time Worked Sec (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



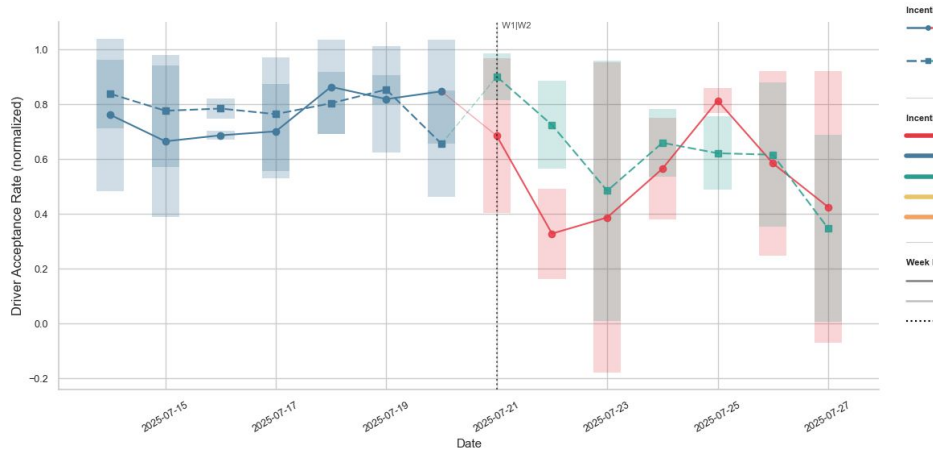
Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



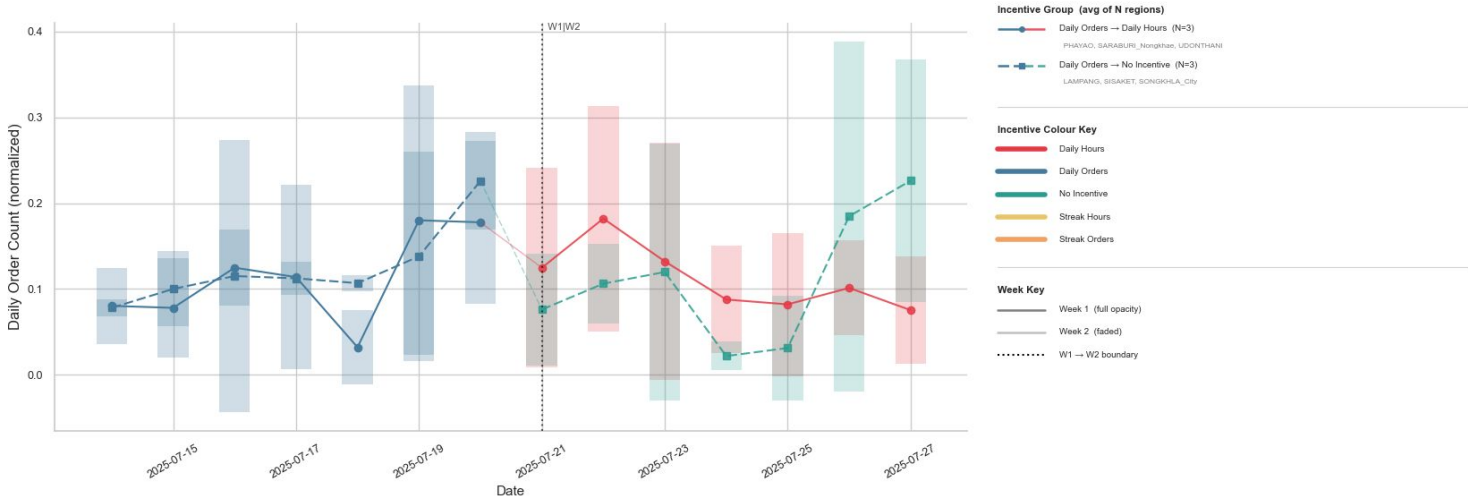
Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



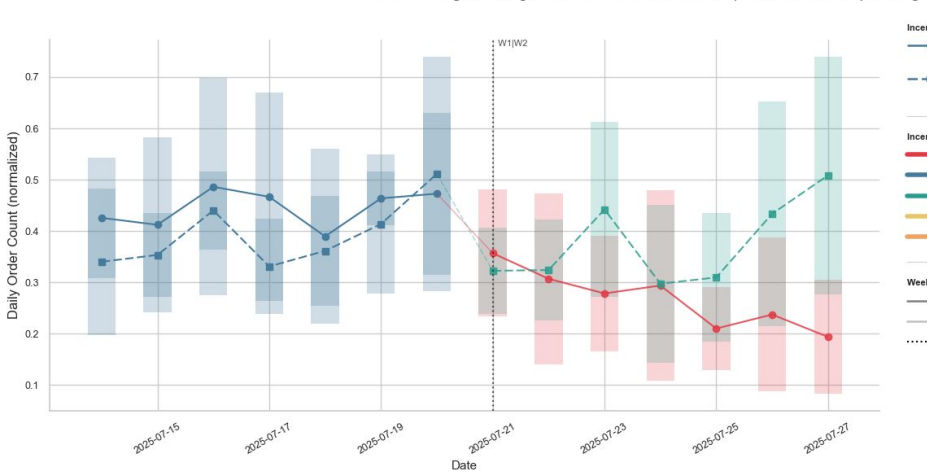
Driver Acceptance Rate (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



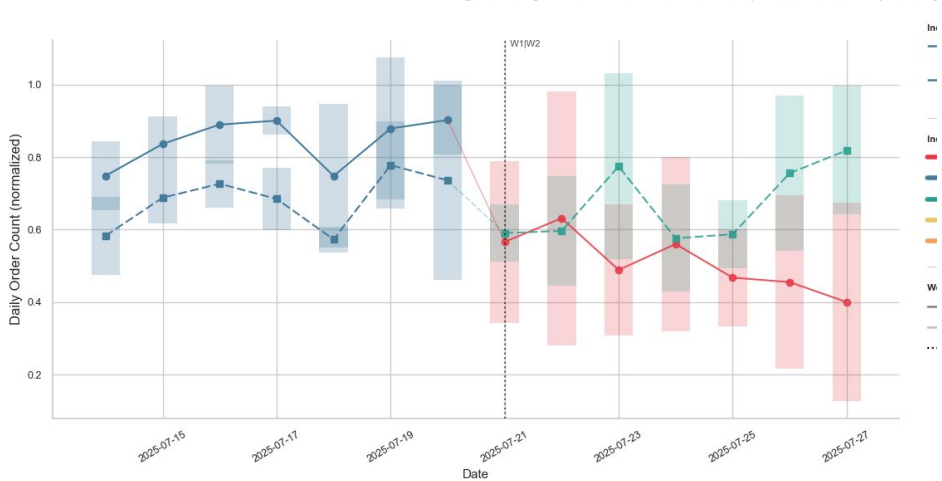
Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



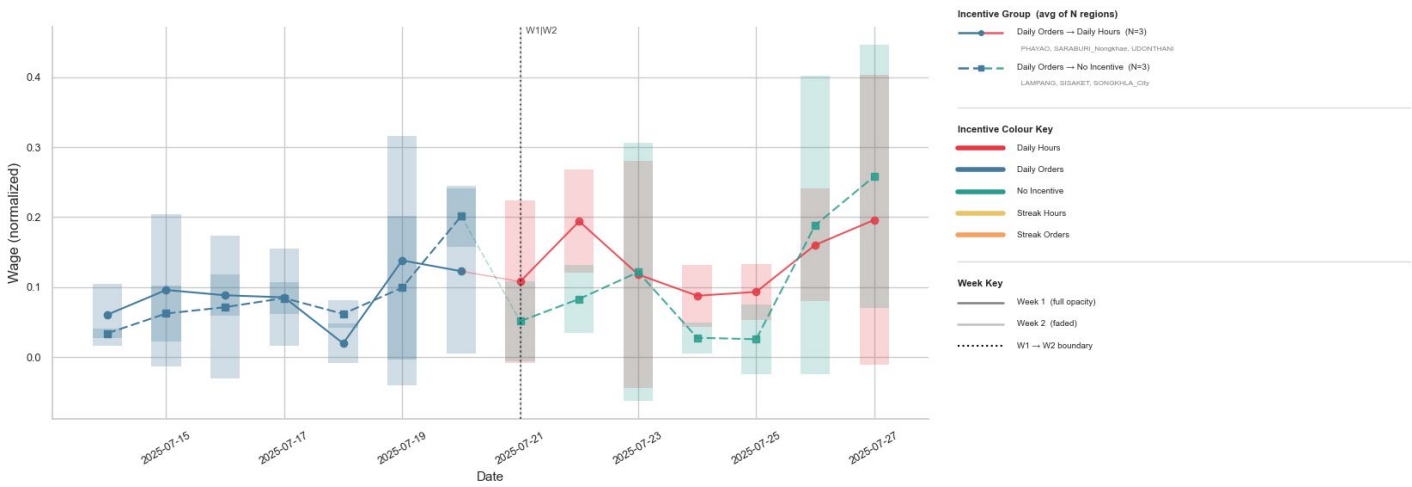
Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



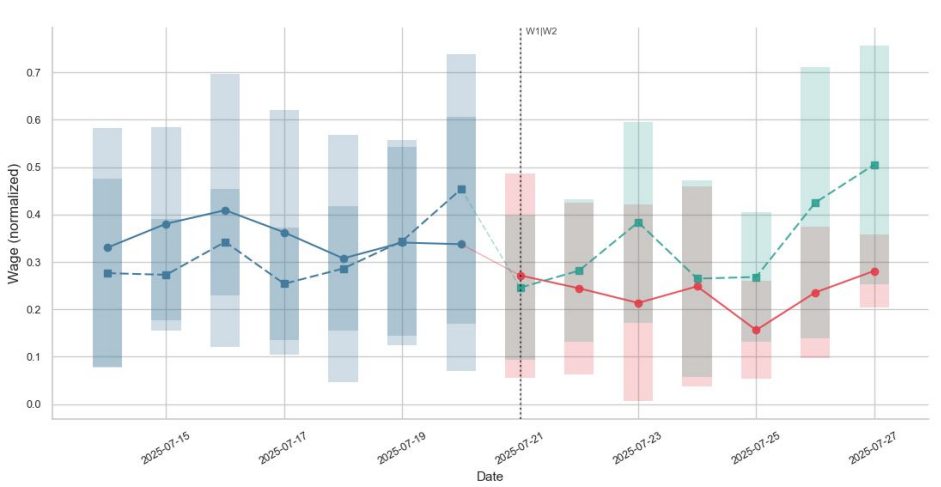
Daily Order Count (normalized) - W1 Incentive: Daily Orders - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



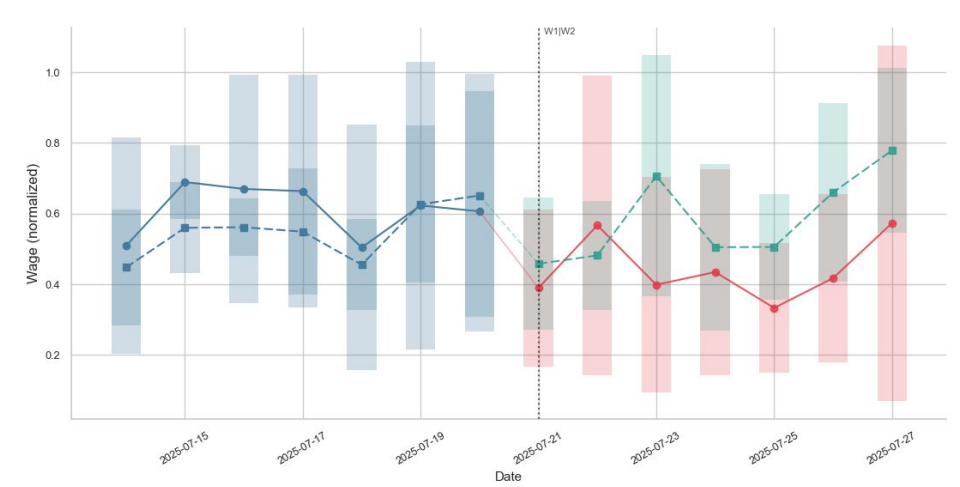
Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Sha



Wage (normalized) · W1 Incentive: Daily Orders · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Sha



Daily Hours -> Streak Orders/Streak Hours

Bottom tier: orders fall significantly for Streak Orders (-24%), and time worked also dropped (27.7%)

- Started W2 very low, but recovered by end (10 orders on beginning of W2 -> 16.8 orders at end of W2)

Mid and Top Tiers: Both Streak Hours and Streak Orders saw significant increase in orders + time worked + wages

- Mid +24.4% (SH), +14.5% (SO)
- Top +37.8% (SH), +35.2% (SO)

Acceptance Rate unaffected across all tiers for these transitions (changes small and not significant)

Overall: Daily Hours good leading incentive to more intense incentives like Streak Orders/Streak Hours, with mid and top adapting quickly, and bottom tiers taking some time to recover (better than if we started off directly with SO/SH)

Time Worked (sec) | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 3.5420
W2 average : 3.2010
Overall : decreased by 0.3410 (-9.6%) - not statistically significant (p=0.081)

Within W2 : increasing at 0.1374/day (not significant, p=0.0705, R²=0.5122)
W2 day 1 : 3.1072
W2 last day: 3.7875
W2 total Δ : 0.6803 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 3.7280
W2 average : 2.6962
Overall : decreased by 1.0318 (-27.7%) - statistically significant (p=0.0026)

Within W2 : increasing at 0.2366/day (significant, p=0.0107, R²=0.7586)
W2 day 1 : 1.9739
W2 last day: 3.5895
W2 total Δ : 1.6157 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 3.6774
W2 average : 4.3705
Overall : increased by 0.6931 (+18.9%) - statistically significant (p=0.01)

Within W2 : increasing at 0.0302/day (not significant, p=0.4113, R²=0.1384)
W2 day 1 : 4.3762
W2 last day: 4.5357
W2 total Δ : 0.1595 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 4.8012
W2 average : 5.4097
Overall : increased by 0.6085 (+12.7%) - statistically significant (p=0.0471)

Within W2 : increasing at 0.2373/day (significant, p=0.024, R²=0.6718)
W2 day 1 : 4.9867

Time Worked (sec) | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 4.8337
W2 average : 6.4644
Overall : increased by 1.6307 (+33.7%) - statistically significant (p=0.0063)

Within W2 : increasing at 0.0483/day (not significant, p=0.5711, R²=0.0684)
W2 day 1 : 5.9824
W2 last day: 6.7130
W2 total Δ : 0.7306 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 5.7093
W2 average : 7.1859
Overall : increased by 1.4766 (+25.9%) - statistically significant (p=0.0002)

Within W2 : increasing at 0.2134/day (significant, p=0.0019, R²=0.8762)
W2 day 1 : 6.6749
W2 last day: 7.9692
W2 total Δ : 1.2943 (▲ from start to end of W2)

Wage | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 387.5393
W2 average : 346.7348
Overall : decreased by 40.8044 (-10.5%) - not statistically significant (p=0.1973)

Within W2 : increasing at 7.2256/day (not significant, p=0.6107, R²=0.0556)
W2 day 1 : 317.7349
W2 last day: 425.6094
W2 total Δ : 107.8746 (▲ from start to end of W2)

Wage | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 433.9822
W2 average : 353.8893
Overall : decreased by 80.0928 (-18.5%) - not statistically significant (p=0.0673)

Within W2 : increasing at 35.5577/day (significant, p=0.0157, R²=0.7206)
W2 day 1 : 282.7495
W2 last day: 537.7552
W2 total Δ : 255.0057 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 340.9059
W2 average : 429.7132
Overall : increased by 88.8073 (+26.1%) - statistically significant (p=0.0064)

Within W2 : increasing at 3.5273/day (not significant, p=0.5671, R²=0.0698)
W2 day 1 : 443.8272
W2 last day: 487.3062
W2 total Δ : 43.4790 (▲ from start to end of W2)

Wage | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 488.4728
W2 average : 519.8030
Overall : increased by 31.3302 (+6.4%) - not statistically significant (p=0.3176)

Within W2 : increasing at 27.6727/day (significant, p=0.0142, R²=0.7307)
W2 day 1 : 475.3486
W2 last day: 637.2078
W2 total Δ : 161.8592 (▲ from start to end of W2)

Wage | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 493.2801
W2 average : 632.8220
Overall : increased by 139.5419 (+28.3%) - statistically significant (p=0.0309)

Within W2 : increasing at 7.8621/day (not significant, p=0.4611, R²=0.113)
W2 day 1 : 613.8484
W2 last day: 720.4016
W2 total Δ : 106.5531 (▲ from start to end of W2)

Wage | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 577.2773
W2 average : 755.1985
Overall : increased by 177.9213 (+30.8%) - statistically significant (p=0.0015)

Within W2 : increasing at 33.7963/day (significant, p=0.0227, R²=0.6787)
W2 day 1 : 676.5002
W2 last day: 941.4194
W2 total Δ : 264.9192 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 16.7163
W2 average : 15.6187
Overall : decreased by 1.0975 (-6.6%) - not statistically significant (p=0.2033)

Within W2 : increasing at 0.5114/day (not significant, p=0.113, R²=0.4243)
W2 day 1 : 15.3240
W2 last day: 17.6832
W2 total Δ : 2.3591 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 17.1397
W2 average : 13.0304
Overall : decreased by 4.1093 (-24.0%) - statistically significant (p=0.0048)

Within W2 : increasing at 1.0122/day (significant, p=0.0122, R²=0.7462)
W2 day 1 : 10.0092
W2 last day: 16.8436
W2 total Δ : 6.8344 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 17.6718
W2 average : 21.9745
Overall : increased by 4.3027 (+24.4%) - statistically significant (p=0.007)

Within W2 : decreasing at 0.0042/day (not significant, p=0.974, R²=0.0002)
W2 day 1 : 22.1237
W2 last day: 22.0432
W2 total Δ : -0.0805 (▼ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 22.1961
W2 average : 25.4064
Overall : increased by 3.2103 (+14.5%) - statistically significant (p=0.0098)

Within W2 : increasing at 0.8840/day (significant, p=0.0122, R²=0.7459)
W2 day 1 : 23.4387
W2 last day: 27.4806
W2 total Δ : 4.0419 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Daily Hours → Streak Hours (N=3 regions: CHUMPHON, NONGKHAI, SURATTHANI_City)

W1 average : 23.8893
W2 average : 32.9103
Overall : increased by 9.0209 (+37.8%) - statistically significant (p=0.0055)

Within W2 : increasing at 0.0135/day (not significant, p=0.9693, R²=0.0003)
W2 day 1 : 31.5413
W2 last day: 32.9125
W2 total Δ : 1.3712 (▲ from start to end of W2)

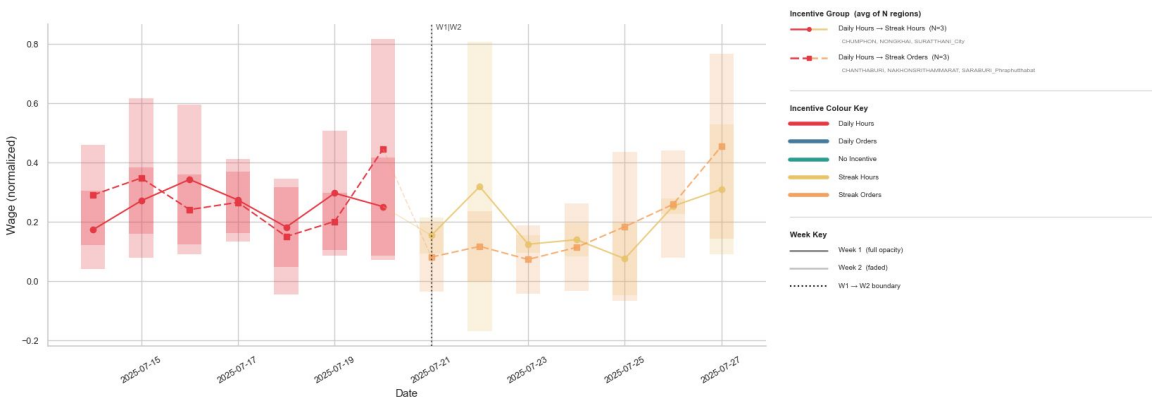
=====
Daily Order Count | Driver Tier: Top
Daily Hours → Streak Orders (N=3 regions: CHANTHABURI, NAKHONSRIITHAMMARAT, SARABURI_Phraphutthabat)

W1 average : 26.9051
W2 average : 36.3715
Overall : increased by 9.4664 (+35.2%) - statistically significant (p=0.0002)

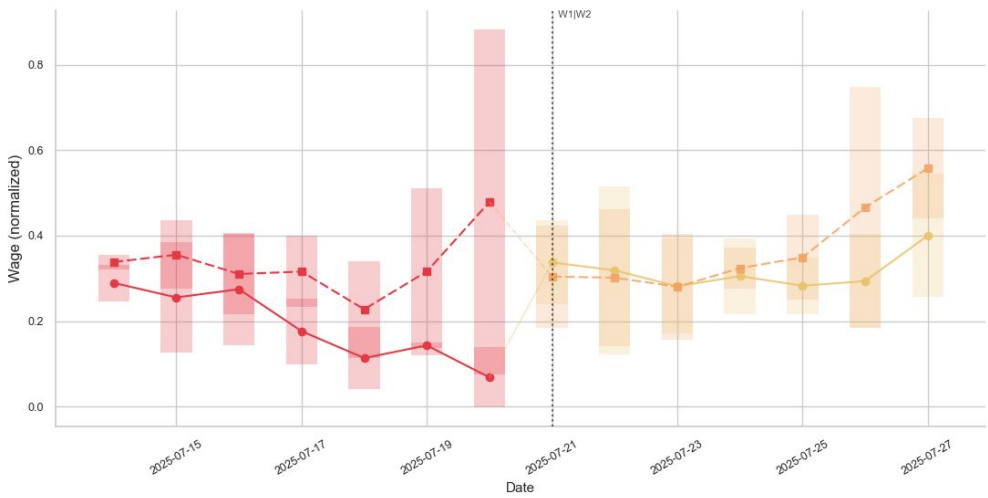
Within W2 : increasing at 0.7130/day (significant, p=0.0028, R²=0.8567)
W2 day 1 : 33.8274
W2 last day: 38.2976
W2 total Δ : 4.4703 (▲ from start to end of W2)

****linear regression to get slope change per day (avg)**

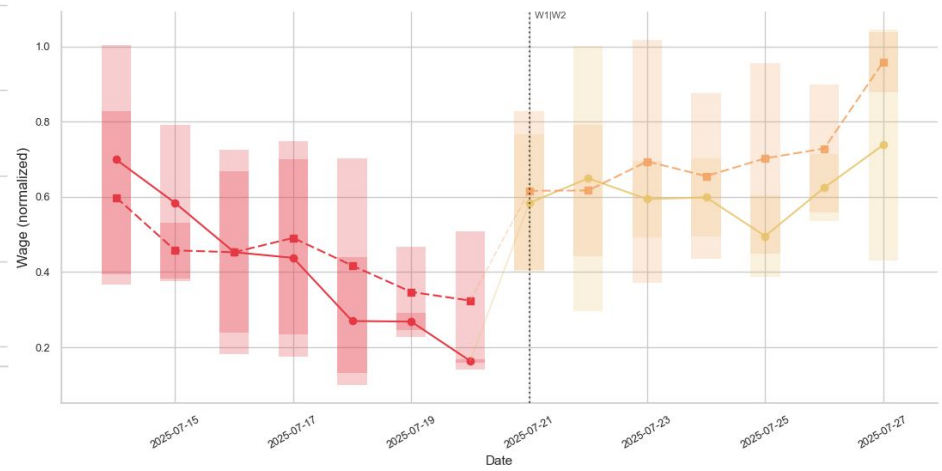
Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Shading = 95% CI



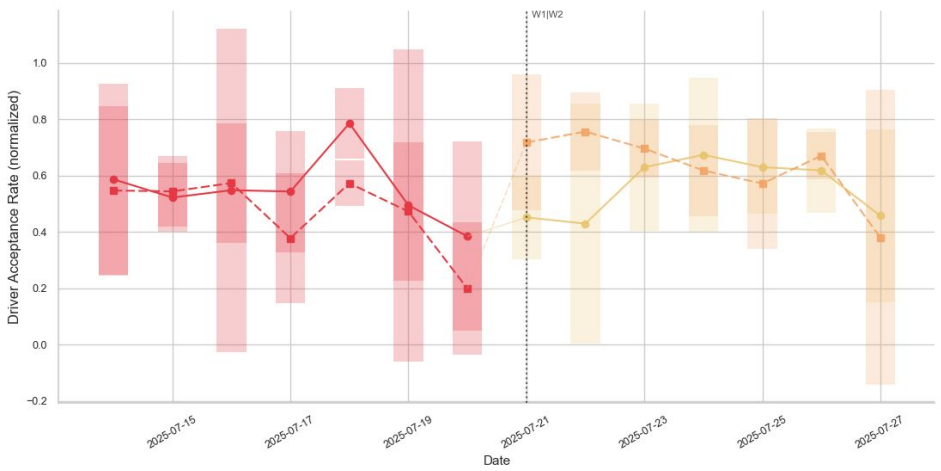
Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Sh



Wage (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1-W2 incentive | Colour = incentive | Sh



Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Daily Hours → Streak Hours (N=3)
CHUMPHON, NONDORAL, SURATTHANI_City
- Daily Hours → Streak Orders (N=3)
CHANTHABURI, NAKHONSITHAMMARAT, SARABURI_Prasathabot

Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

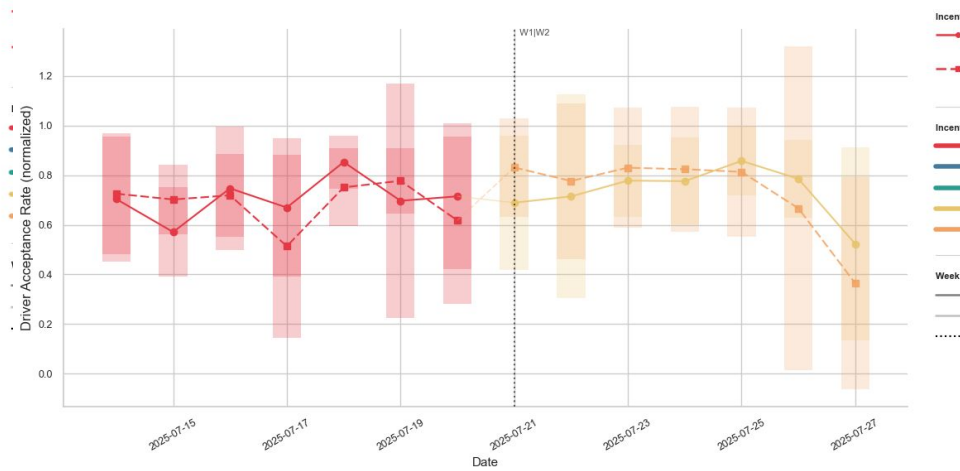
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

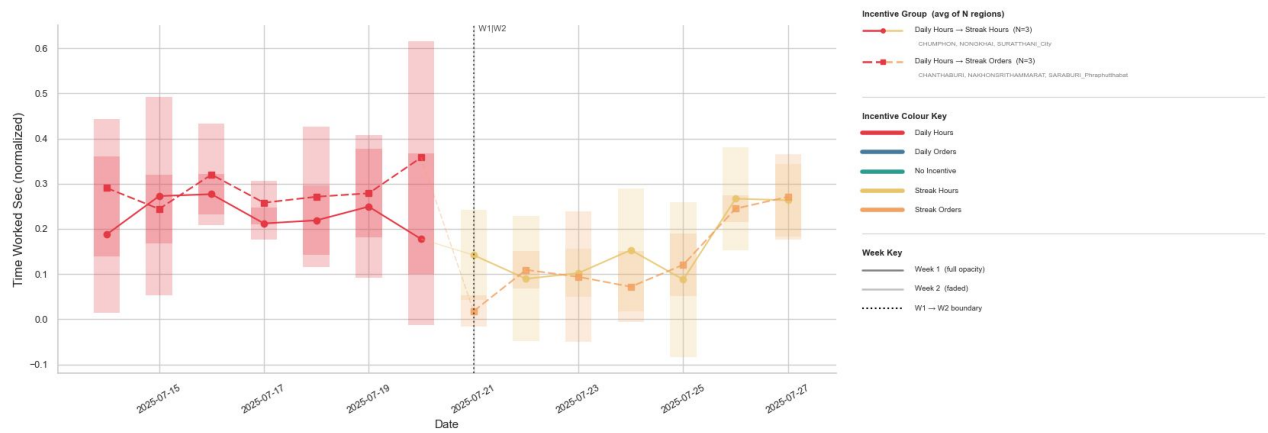
Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



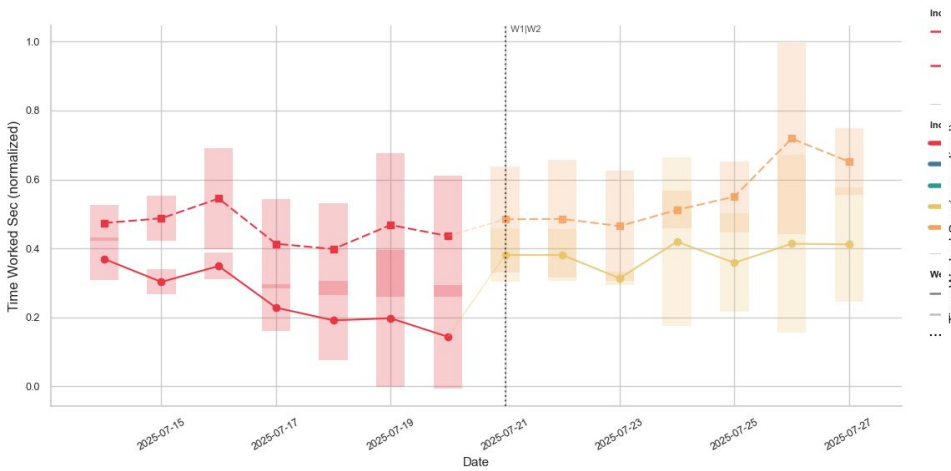
Driver Acceptance Rate (normalized) · W1 Incentive: Daily Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



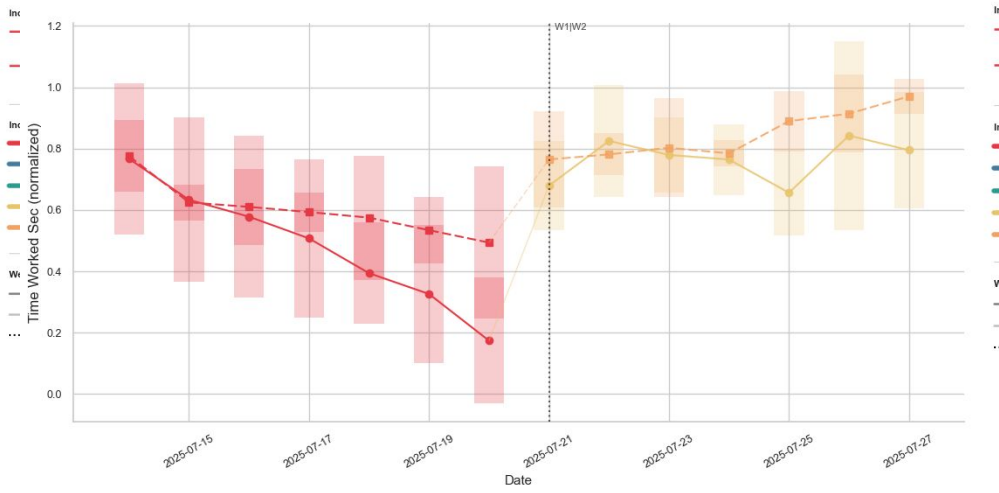
Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



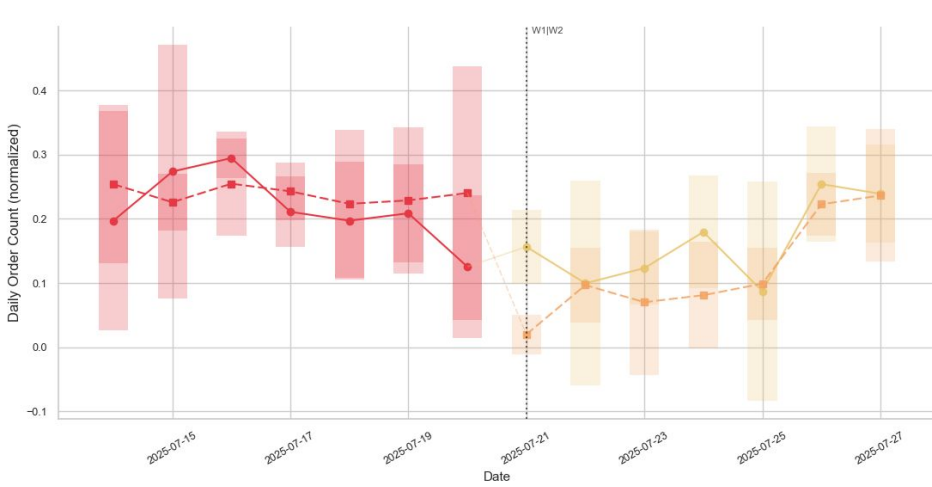
Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Daily Hours → Streak Hours (N=3)
CHUMPHON, NONDORAL, SURATTHANI_City
- Daily Hours → Streak Orders (N=3)
CHANTHABURI, NAKHONSITHAMMARAT, SARABURI_Prasathabot

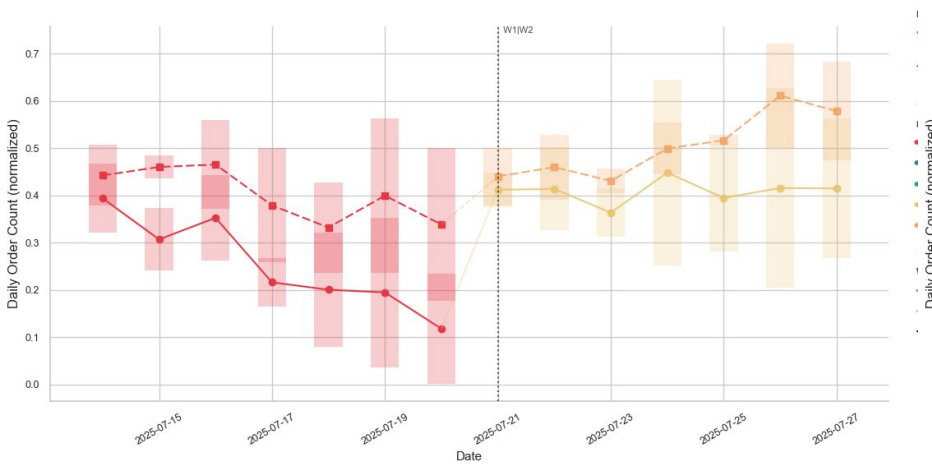
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

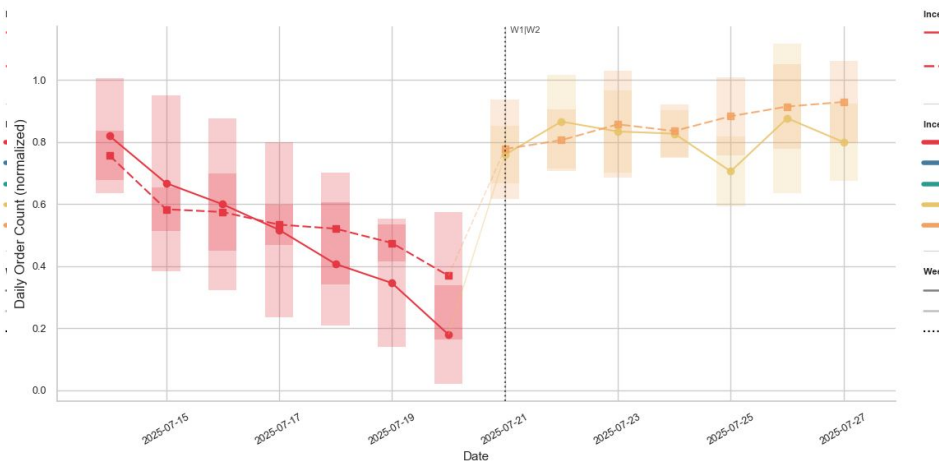
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Daily Order Count (normalized) - W1 Incentive: Daily Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Incr

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

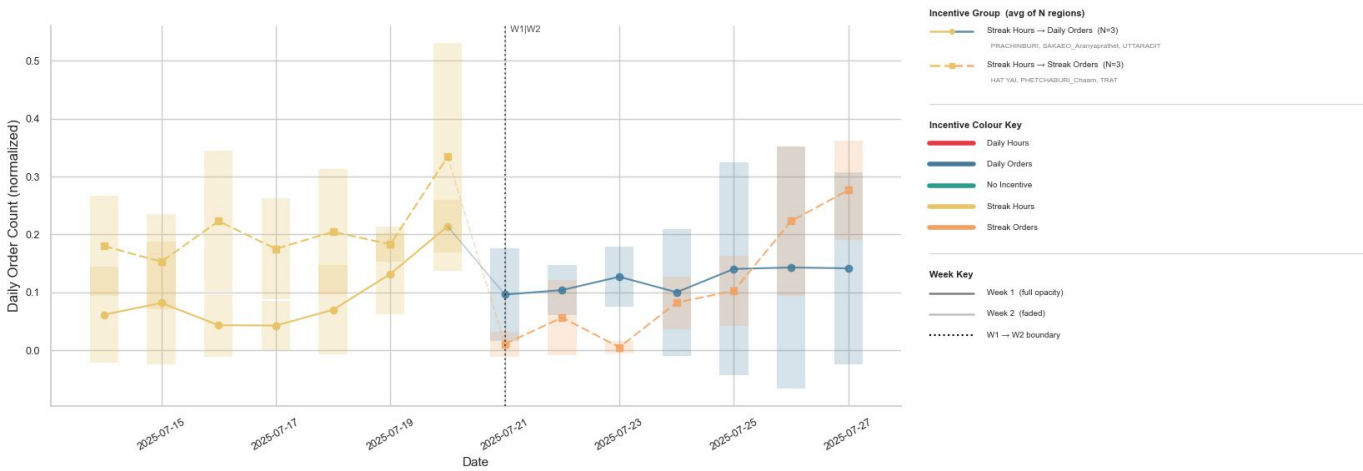
Week

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

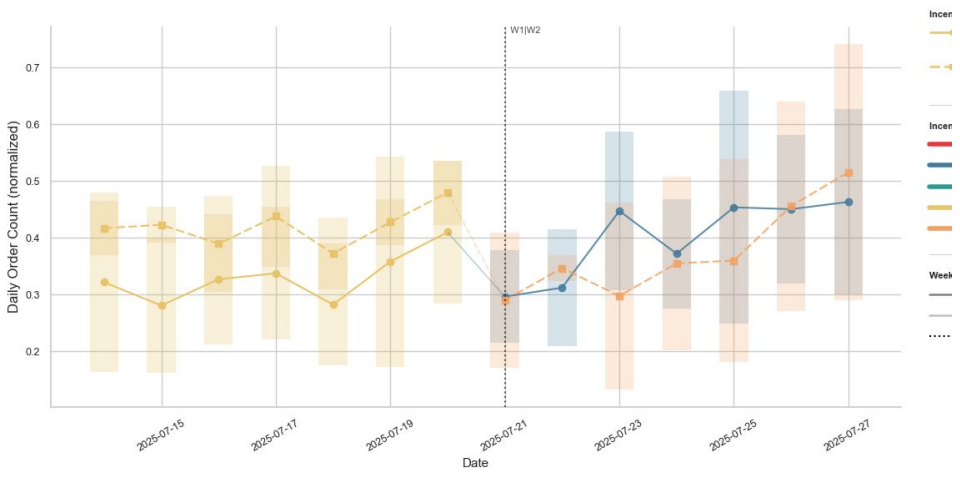
Streak Hours -> Daily Orders/Streak Orders

Very neutral + flat -> drivers maintain behavior across streak hours to whichever incentive comes next

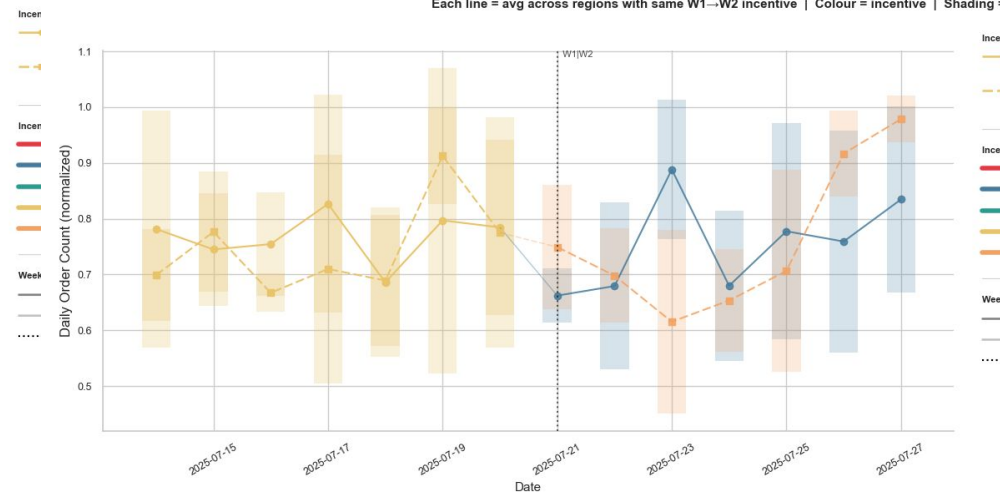
Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading =



Daily Order Count | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 12.6468
W2 average : 13.3845
Overall : increased by 0.7376 (+5.8%) - not statistically significant (p=0.2898)

Within W2 : increasing at 0.2268/day (significant, p=0.046, R²=0.5824)
W2 day 1 : 13.0574
W2 last day: 14.6763
W2 total Δ : 1.6188 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 15.3578
W2 average : 12.7250
Overall : decreased by 2.6329 (-17.1%) - not statistically significant (p=0.0569)

Within W2 : increasing at 1.1823/day (significant, p=0.0044, R²=0.8295)
W2 day 1 : 10.0612
W2 last day: 17.2723
W2 total Δ : 7.2111 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 18.3424
W2 average : 19.9920
Overall : increased by 1.6496 (+9.0%) - not statistically significant (p=0.0654)

Within W2 : increasing at 0.5579/day (not significant, p=0.1031, R²=0.4423)
W2 day 1 : 17.4749
W2 last day: 21.1790
W2 total Δ : 3.7040 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 21.0974
W2 average : 19.6737
Overall : decreased by 1.4238 (-6.8%) - not statistically significant (p=0.1534)

Within W2 : increasing at 0.8972/day (significant, p=0.0085, R²=0.7795)
W2 day 1 : 17.4300
W2 last day: 23.4024
W2 total Δ : 5.9723 (▲ from start to end of W2)

Daily Order Count | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)

W1 average : 29.0390
W2 average : 29.3002
Overall : increased by 0.2612 (+0.9%) - not statistically significant (p=0.7834)

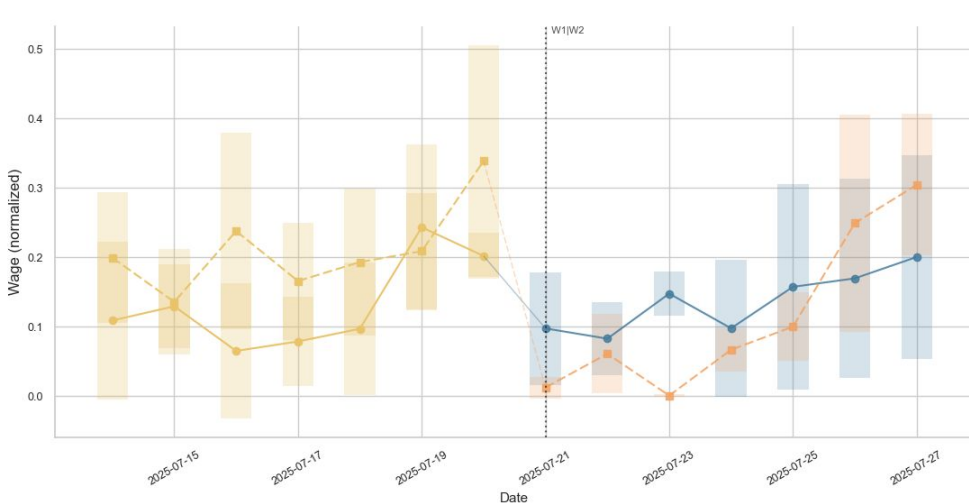
Within W2 : increasing at 0.2672/day (not significant, p=0.5728, R²=0.0678)
W2 day 1 : 27.3563
W2 last day: 30.8578
W2 total Δ : 3.5015 (▲ from start to end of W2)

=====
Daily Order Count | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 29.9342
W2 average : 30.2041
Overall : increased by 0.2699 (+0.9%) - not statistically significant (p=0.873)

Within W2 : increasing at 1.1833/day (not significant, p=0.0873, R²=0.4738)
W2 day 1 : 29.8295
W2 last day: 36.0914
W2 total Δ : 6.2620 (▲ from start to end of W2)

Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Incentive Group (avg of N regions)

- Streak Hours → Daily Orders (N=3)
FRACHINBURJ, SAKAEO_Akroypraphet, UTTARADIT
- Streak Hours → Streak Orders (N=3)
HAT YAI, PHETCHABURI_Chaem, TRAT

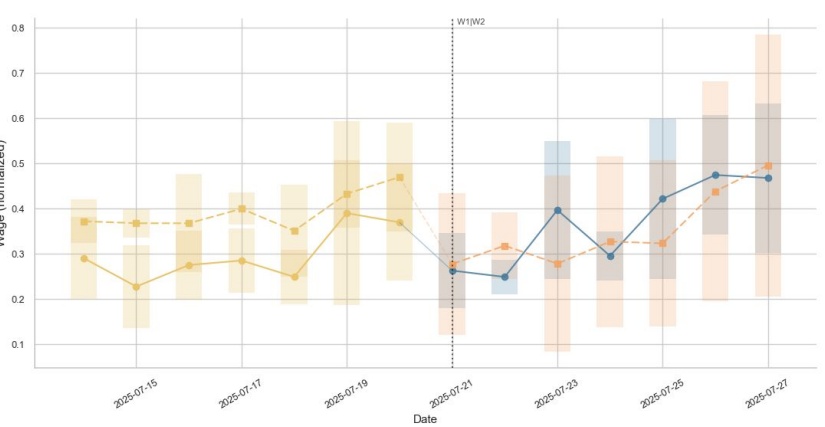
Incentive Colour Key

- Daily Hours
- Daily Orders
- No Incentive
- Streak Hours
- Streak Orders

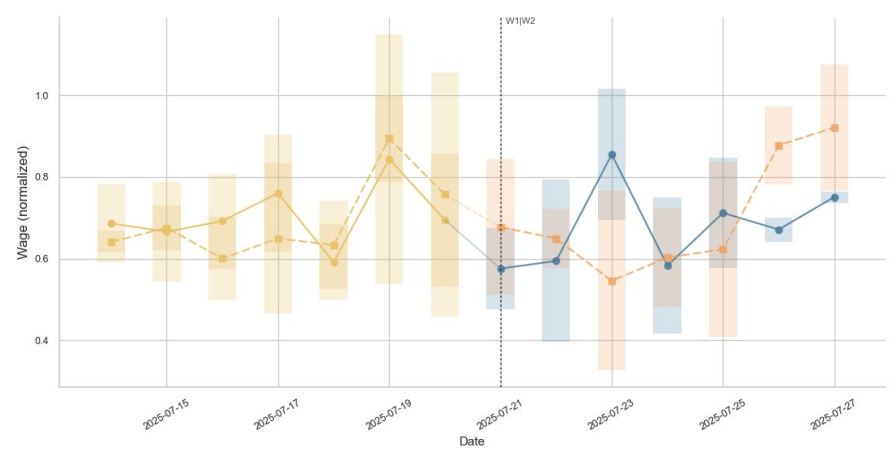
Week Key

- Week 1 (full opacity)
- Week 2 (faded)
- W1 → W2 boundary

Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Wage (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



```
Wage | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)
-----
W1 average : 267.1112
W2 average : 271.1703
Overall    : increased by 4.0591 (+1.5%) - not statistically significant (p=0.783)

Within W2 : increasing at 8.3337/day (significant, p=0.0171, R²=0.7111)
W2 day 1  : 255.1713
W2 last day: 306.4158
W2 total Δ : 51.2445 (▲ from start to end of W2)
```

```
=====
Wage | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)
```

```
-----
W1 average : 353.4815
W2 average : 289.8042
Overall    : decreased by 63.6773 (-18.0%) - not statistically significant (p=0.0813)
```

```
Within W2 : increasing at 31.1826/day (significant, p=0.0078, R²=0.7865)
W2 day 1  : 223.8708
W2 last day: 413.3201
W2 total Δ : 189.4493 (▲ from start to end of W2)
```

```
Wage | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)
```

```
-----
W1 average : 349.3422
W2 average : 384.0951
Overall    : increased by 34.7529 (+9.9%) - not statistically significant (p=0.116)
```

```
Within W2 : increasing at 17.5472/day (significant, p=0.0193, R²=0.6979)
W2 day 1  : 334.1743
W2 last day: 428.2278
W2 total Δ : 94.0536 (▲ from start to end of W2)
```

```
=====
Wage | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)
```

```
-----
W1 average : 468.2174
W2 average : 436.6163
Overall    : decreased by 31.6010 (-6.8%) - not statistically significant (p=0.1937)
```

```
Within W2 : increasing at 21.1163/day (significant, p=0.0124, R²=0.7446)
W2 day 1  : 389.4755
W2 last day: 527.7306
W2 total Δ : 138.2551 (▲ from start to end of W2)
```

```
Wage | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAE0_Aranyaprathet, UTTARADIT)
```

```
-----
W1 average : 553.2157
W2 average : 544.5270
Overall    : decreased by 8.6887 (-1.6%) - not statistically significant (p=0.7208)
```

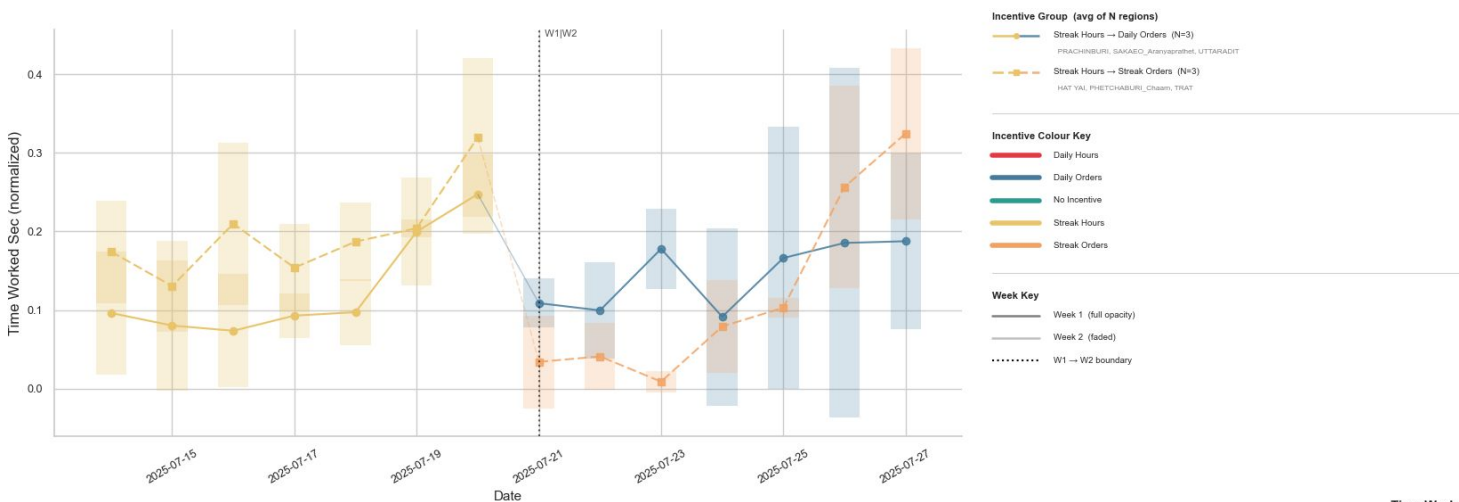
```
Within W2 : increasing at 7.7436/day (not significant, p=0.4809, R²=0.1038)
W2 day 1  : 495.9083
W2 last day: 578.6679
W2 total Δ : 82.7596 (▲ from start to end of W2)
```

```
=====
Wage | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)
```

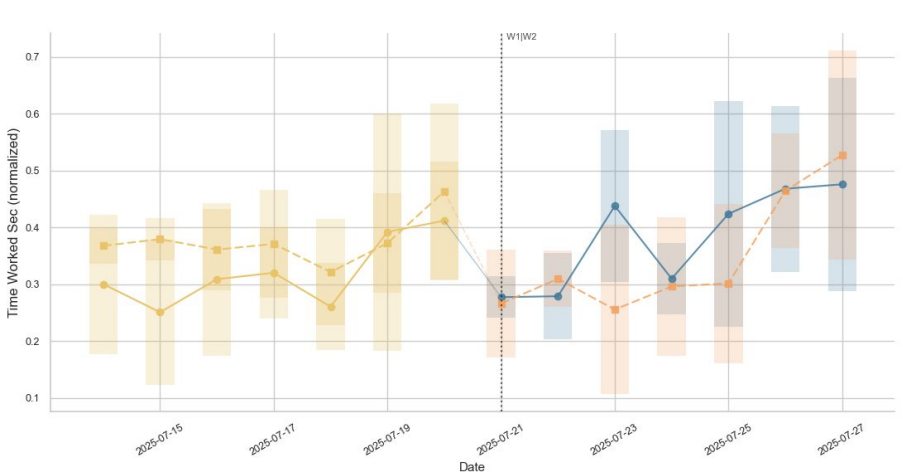
```
-----
W1 average : 660.2788
W2 average : 662.5665
Overall    : increased by 2.2877 (+0.3%) - not statistically significant (p=0.9587)
```

```
Within W2 : increasing at 29.0497/day (not significant, p=0.0952, R²=0.4575)
W2 day 1  : 647.9048
W2 last day: 804.8930
W2 total Δ : 156.9882 (▲ from start to end of W2)
```

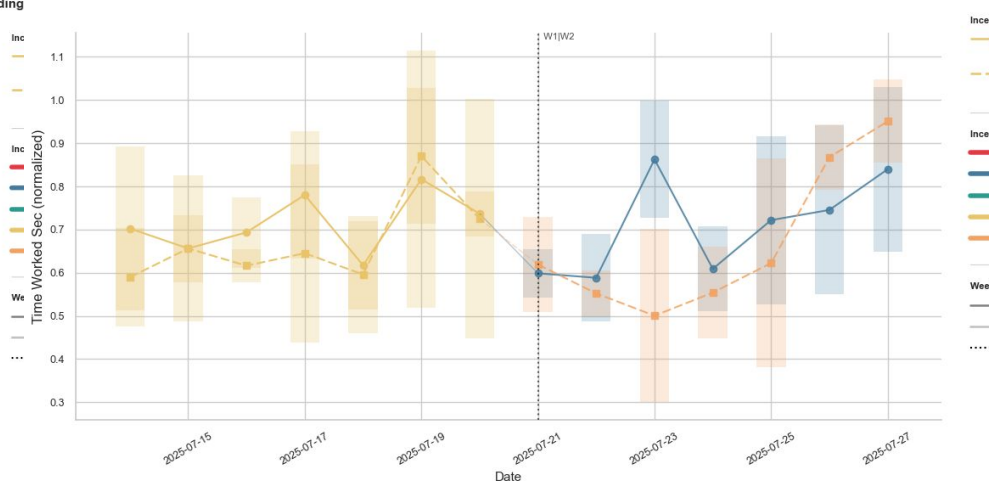
Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked Sec (normalized) - W1 Incentive: Streak Hours - Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading



Time Worked (sec) | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 2.4273
W2 average : 2.5157
Overall : increased by 0.0884 (+3.6%) - not statistically significant (p=0.5632)

Within W2 : increasing at 0.0690/day (not significant, p=0.0674, R²=0.5201)
W2 day 1 : 2.3728
W2 last day: 2.7900
W2 total Δ : 0.4172 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 3.0746
W2 average : 2.6038
Overall : decreased by 0.4708 (-15.3%) - not statistically significant (p=0.1765)

Within W2 : increasing at 0.3121/day (significant, p=0.0078, R²=0.786)
W2 day 1 : 2.0635
W2 last day: 3.8755
W2 total Δ : 1.8121 (▲ from start to end of W2)

Time Worked (sec) | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 3.3530
W2 average : 3.6381
Overall : increased by 0.2851 (+8.5%) - not statistically significant (p=0.1648)

Within W2 : increasing at 0.1451/day (not significant, p=0.0517, R²=0.5639)
W2 day 1 : 3.1522
W2 last day: 4.0262
W2 total Δ : 0.8741 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 4.1602
W2 average : 3.9688
Overall : decreased by 0.1913 (-4.6%) - not statistically significant (p=0.4957)

Within W2 : increasing at 0.2527/day (significant, p=0.0216, R²=0.6845)

Time Worked (sec) | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 5.2313
W2 average : 5.2471
Overall : increased by 0.0158 (+0.3%) - not statistically significant (p=0.9479)

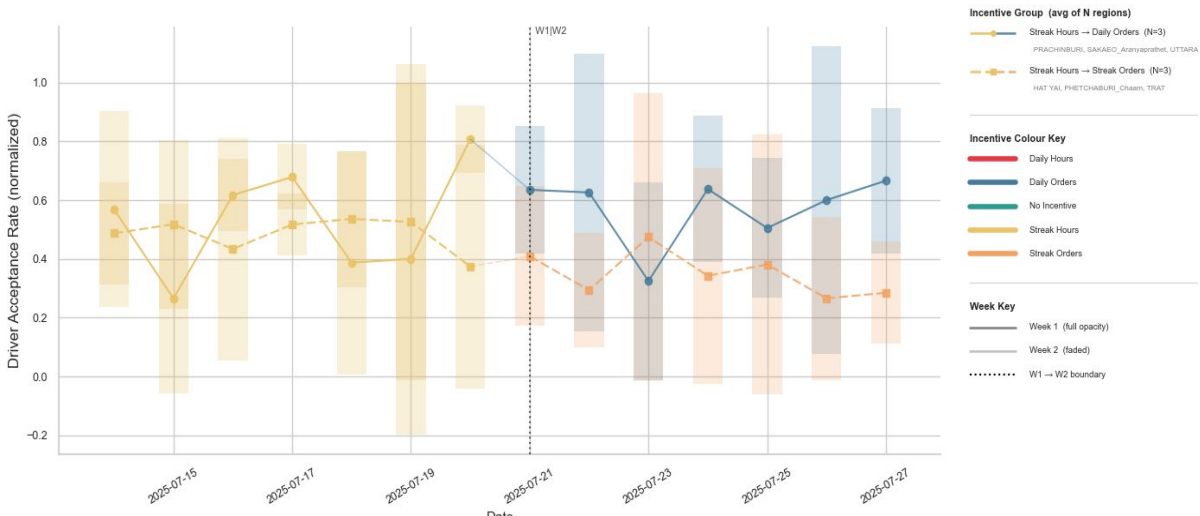
Within W2 : increasing at 0.1226/day (not significant, p=0.2666, R²=0.2381)
W2 day 1 : 4.7643
W2 last day: 5.7933
W2 total Δ : 1.0290 (▲ from start to end of W2)

=====
Time Worked (sec) | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

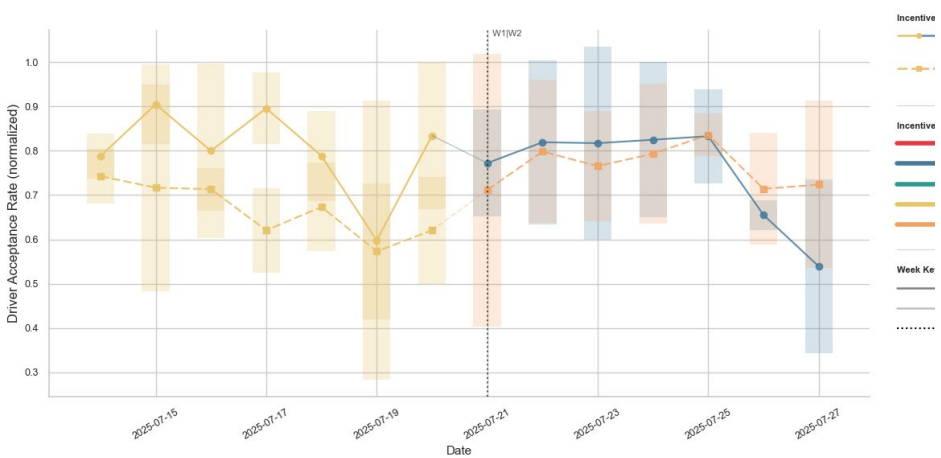
W1 average : 5.9755
W2 average : 5.9487
Overall : decreased by 0.0268 (-0.5%) - not statistically significant (p=0.9556)

Within W2 : increasing at 0.3866/day (significant, p=0.0408, R²=0.6004)
W2 day 1 : 5.6561
W2 last day: 7.7150
W2 total Δ : 2.0589 (▲ from start to end of W2)

Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Bottom
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95% CI



Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Mid
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95



Driver Acceptance Rate (normalized) · W1 Incentive: Streak Hours · Driver Tier: Top
 Each line = avg across regions with same W1→W2 incentive | Colour = incentive | Shading = 95



Driver Acceptance Rate | Driver Tier: Bottom
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 90.4%
W2 average : 90.8%
Overall : increased by 0.4% (+0.4%) - not statistically significant (p=0.7966)

Within W2 : increasing at 0.1%/day (not significant, p=0.8405, R²=0.0089)
W2 day 1 : 91.5%
W2 last day: 92.5%
W2 total Δ : 1.0% (▲ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Bottom
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 89.9%
W2 average : 89.6%
Overall : decreased by 0.3% (-0.3%) - not statistically significant (p=0.5912)

Within W2 : decreasing at 0.2%/day (not significant, p=0.3539, R²=0.1726)
W2 day 1 : 90.2%
W2 last day: 88.5%
W2 total Δ : -1.7% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 95.0%
W2 average : 94.0%
Overall : decreased by 0.9% (-1.0%) - not statistically significant (p=0.3479)

Within W2 : decreasing at 0.7%/day (not significant, p=0.079, R²=0.4921)
W2 day 1 : 94.5%
W2 last day: 90.1%
W2 total Δ : -4.4% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Mid
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 92.8%
W2 average : 94.2%
Overall : increased by 1.4% (+1.5%) - statistically significant (p=0.0039)

Within W2 : decreasing at 0.1%/day (not significant, p=0.4555, R²=0.1156)
W2 day 1 : 93.9%
W2 last day: 93.9%

=====
Driver Acceptance Rate | Driver Tier: Top
Streak Hours → Daily Orders (N=3 regions: PRACHINBURI, SAKAEO_Aranyaprathet, UTTARADIT)

W1 average : 94.7%
W2 average : 95.3%
Overall : increased by 0.5% (+0.6%) - not statistically significant (p=0.5403)

Within W2 : decreasing at 0.4%/day (not significant, p=0.2211, R²=0.2809)
W2 day 1 : 97.2%
W2 last day: 93.7%
W2 total Δ : -3.5% (▼ from start to end of W2)

=====
Driver Acceptance Rate | Driver Tier: Top
Streak Hours → Streak Orders (N=3 regions: HAT YAI, PHETCHABURI_Chaam, TRAT)

W1 average : 93.7%
W2 average : 95.2%
Overall : increased by 1.5% (+1.6%) - not statistically significant (p=0.0801)

Within W2 : decreasing at 0.1%/day (not significant, p=0.4237, R²=0.1317)
W2 day 1 : 95.2%
W2 last day: 94.2%
W2 total Δ : -1.0% (▼ from start to end of W2)

Overall table analysis

<https://docs.google.com/spreadsheets/d/1rO8QX8B0Mov1A-jHTGuOwY11E3T1S1EsDvM7JIHPvDY/edit?usp=sharing>

Incentive Sequencing

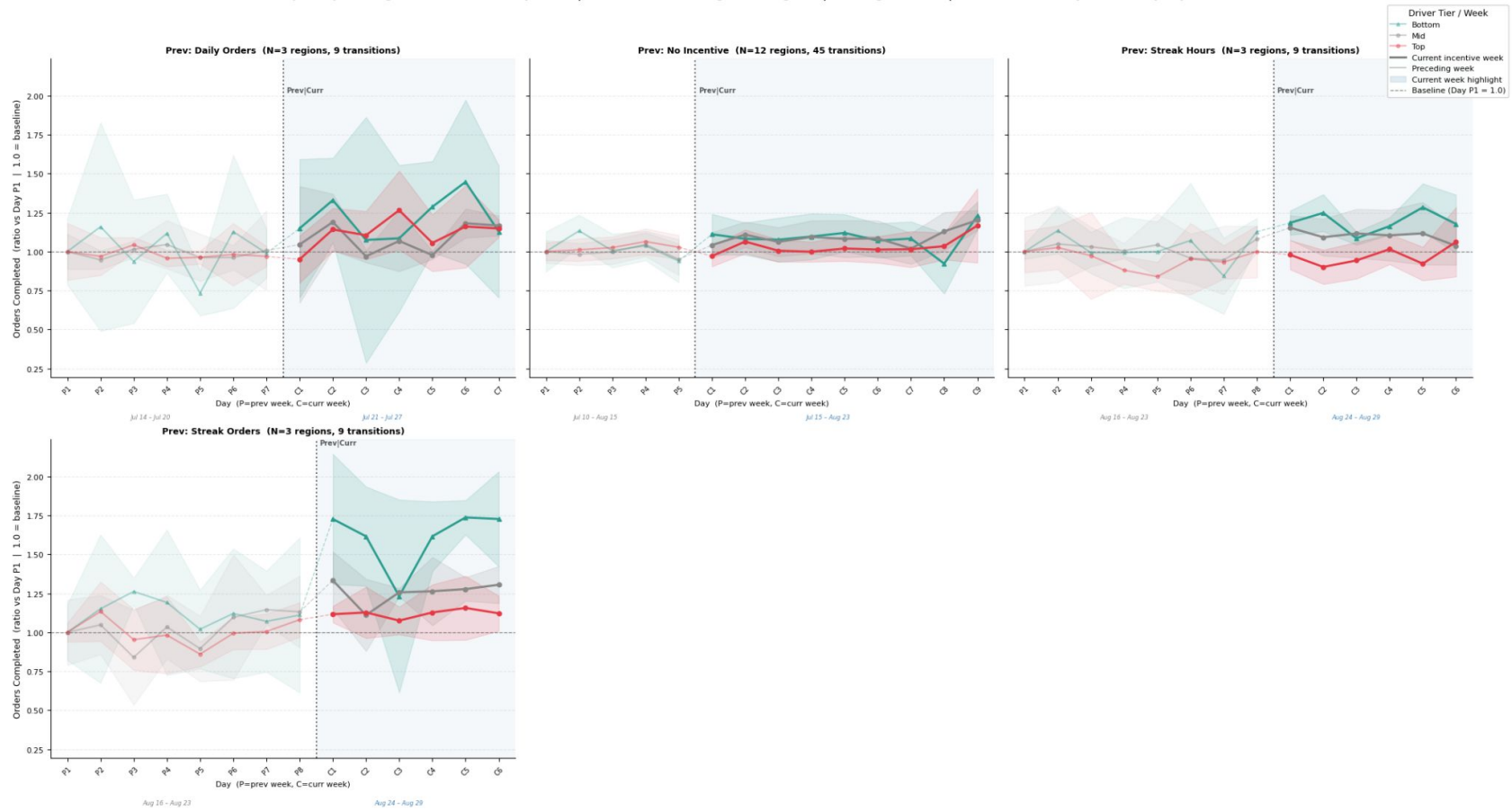
Holding one week constant, seeing different prev incentives to see if different incentives before one will have greater affect or not

- Graphed according to beginning of previous week as baseline (to see change between previous week incentive and this week's incentive)

Orders Completed

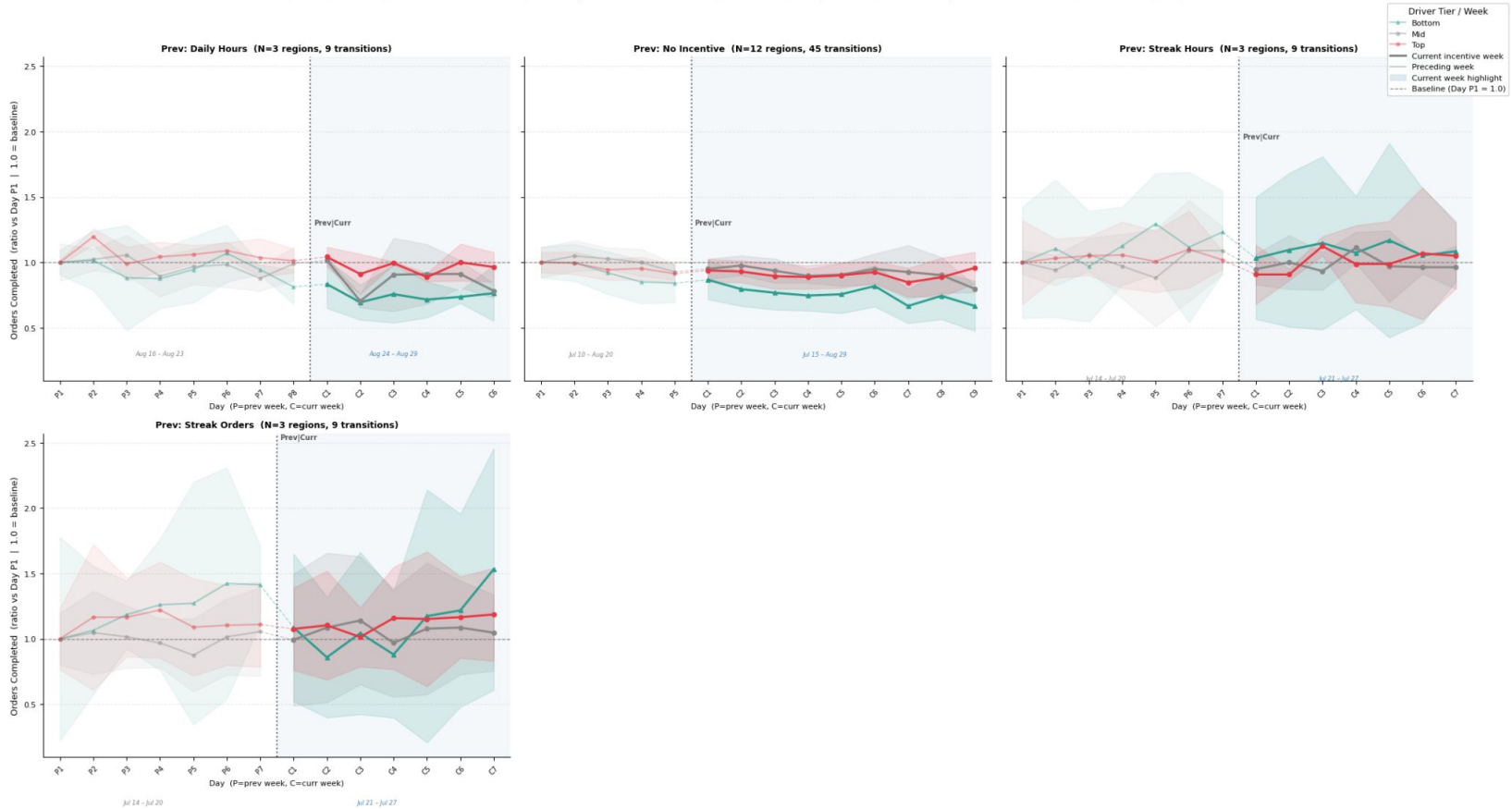
Daily Hours

Orders Completed · Current incentive: Daily Hours
 Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



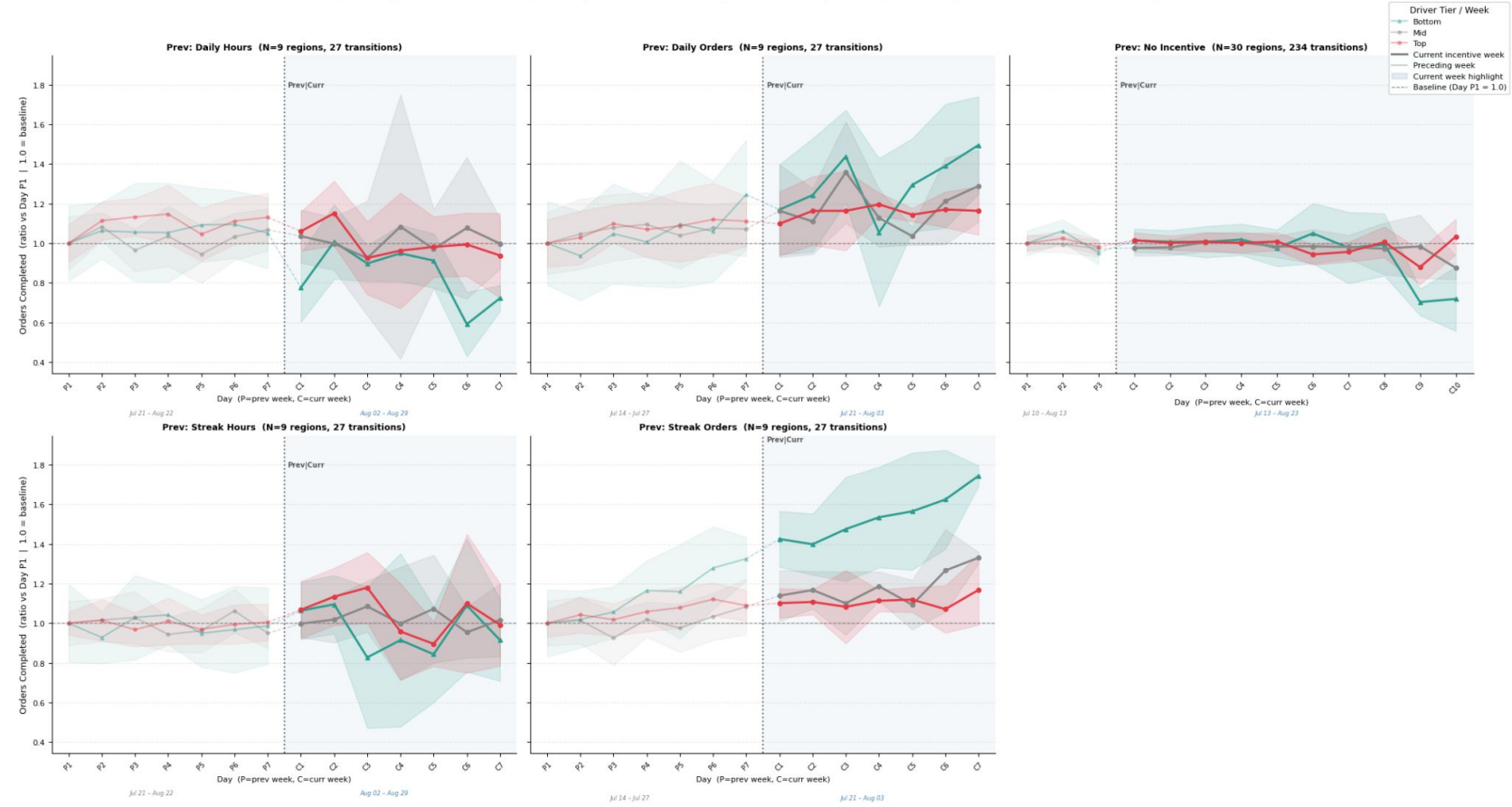
Daily Orders

Orders Completed · Current incentive: Daily Orders
Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



No Incentive

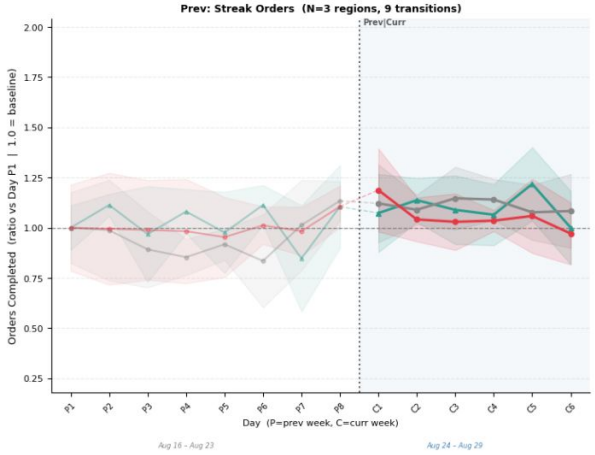
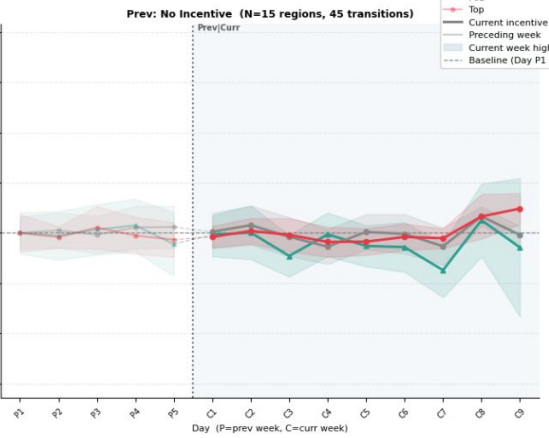
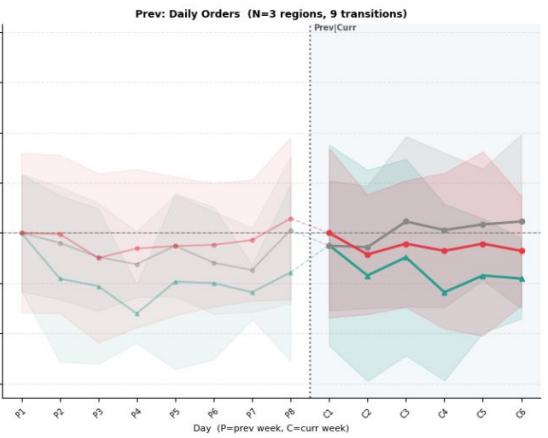
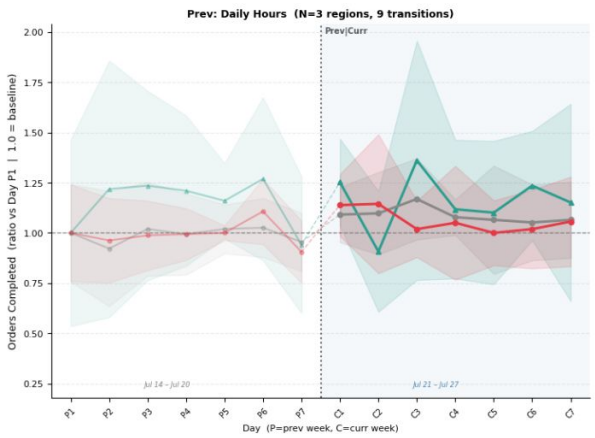
Each subplot = preceding incentive (all weeks pooled) | **Orders Completed** · **Current incentive: No Incentive**
 | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



Streak Hours

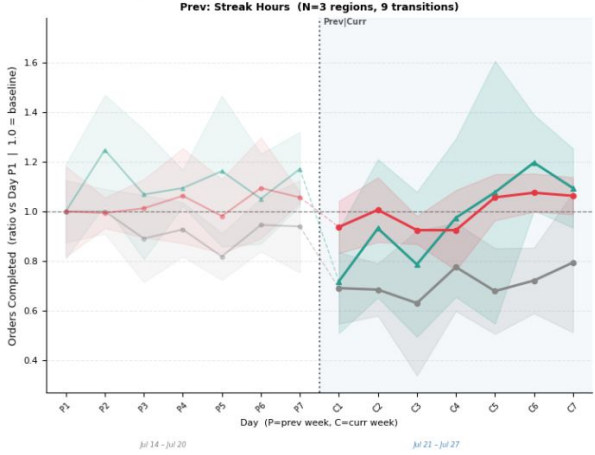
Orders Completed · Current Incentive: Streak Hours
 Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Driver Tier / Week
- Bottom
- Mid
- Top
- Current incentive week
- Preceding week
- Current week highlight
- Baseline (Day P1 = 1.0)



Streak Orders

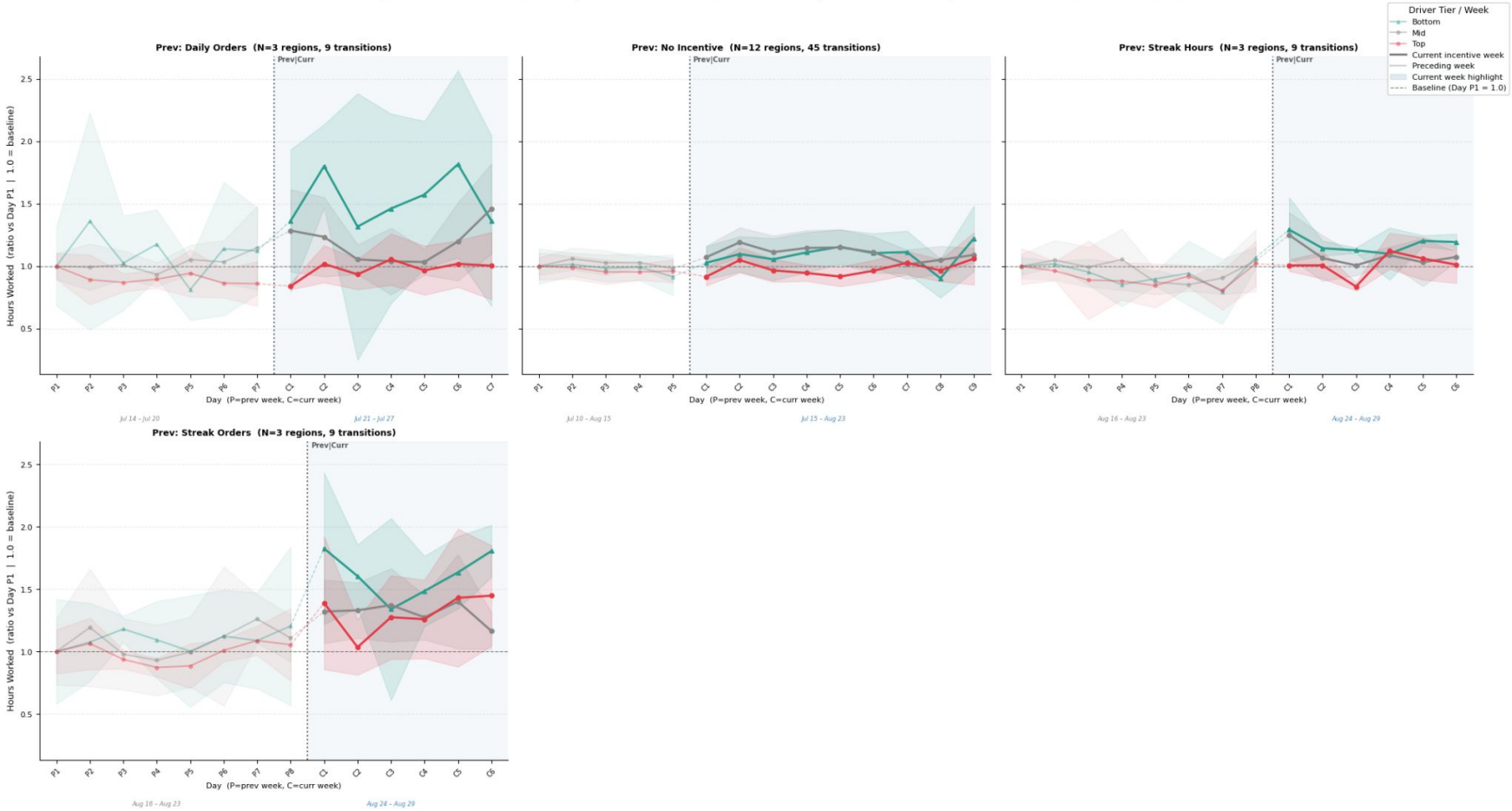
Orders Completed · Current incentive: Streak Orders
 Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



Hours Worked

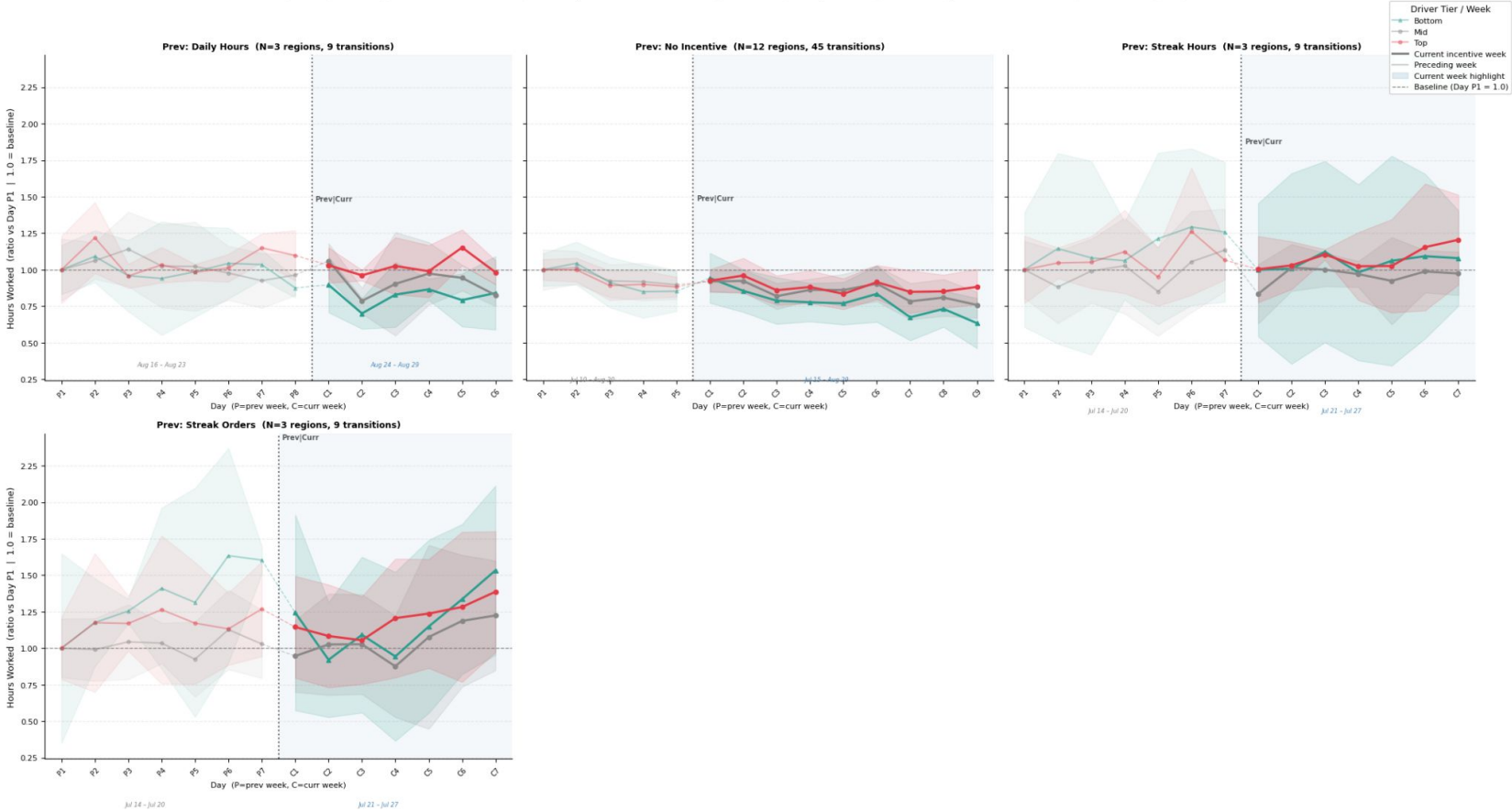
Daily Hours

Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



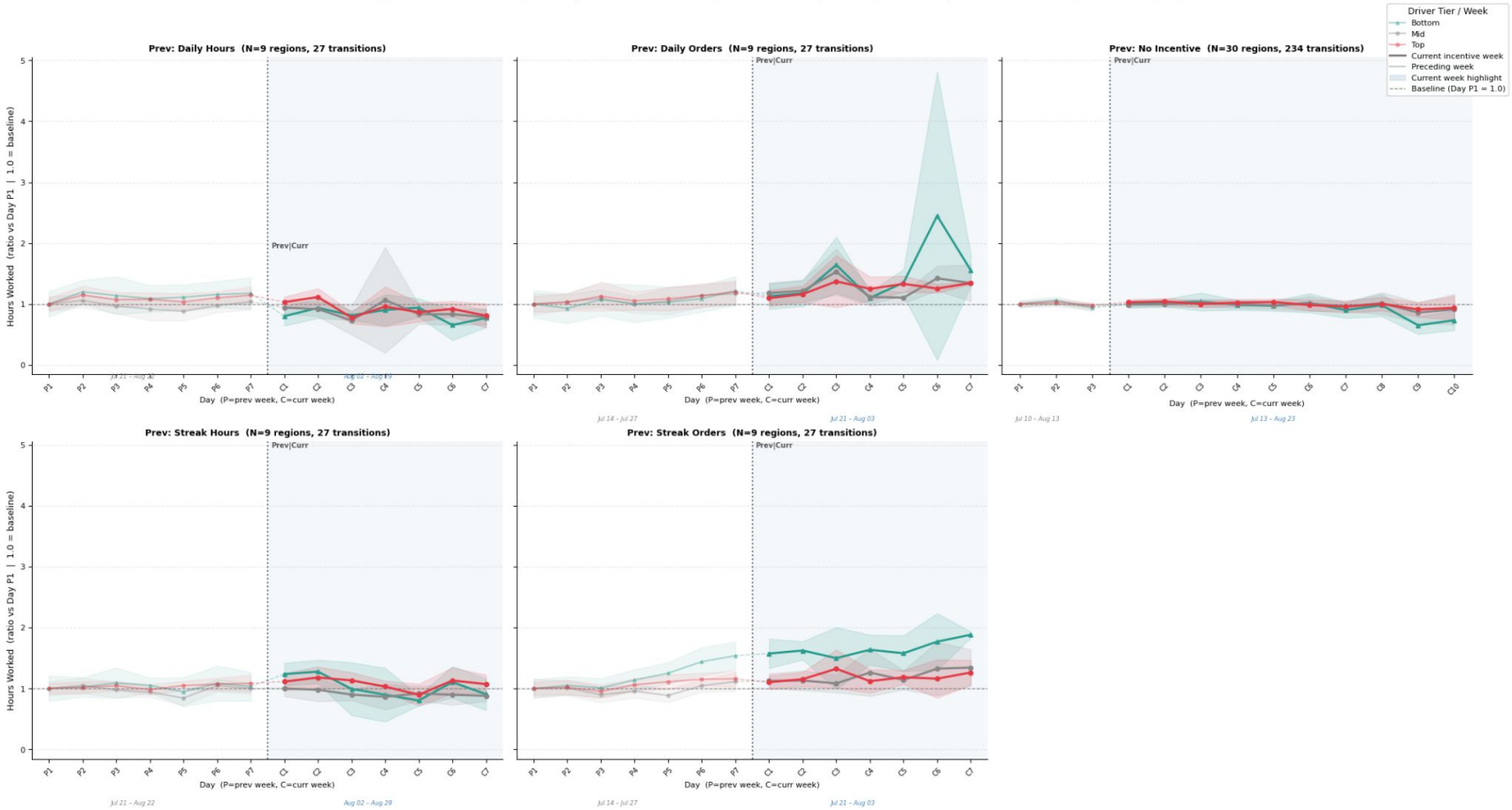
Daily Orders

Hours Worked · Current incentive: Daily Orders
Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



No incentive

Hours Worked · Current incentive: No Incentive
Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



Streak Hours

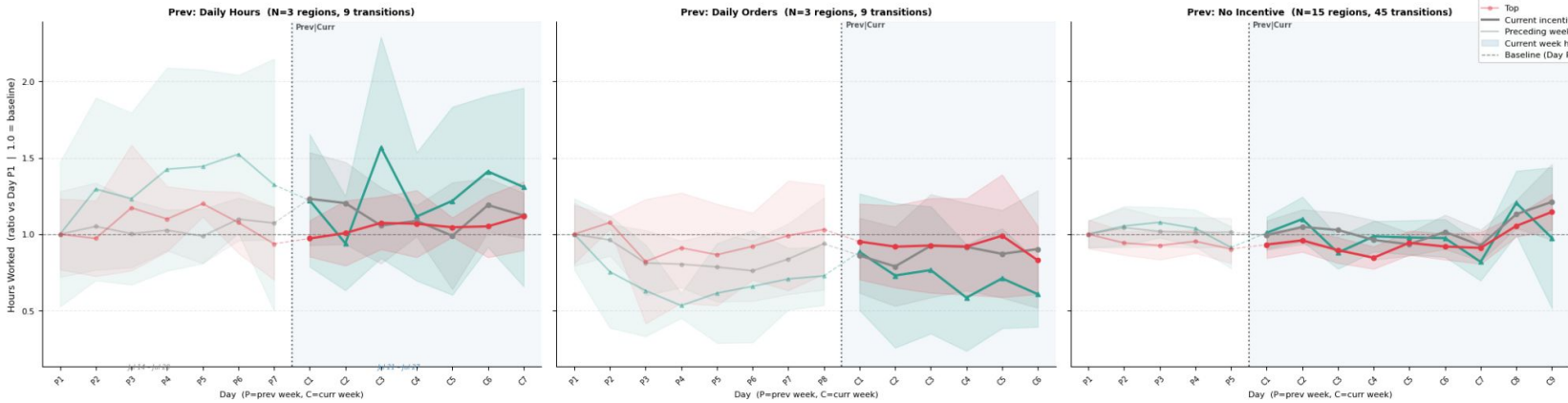
Each subplot = preceding incentive (all weeks pooled) | Hours Worked · Current incentive: Streak Hours | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

Driver Tier / Week

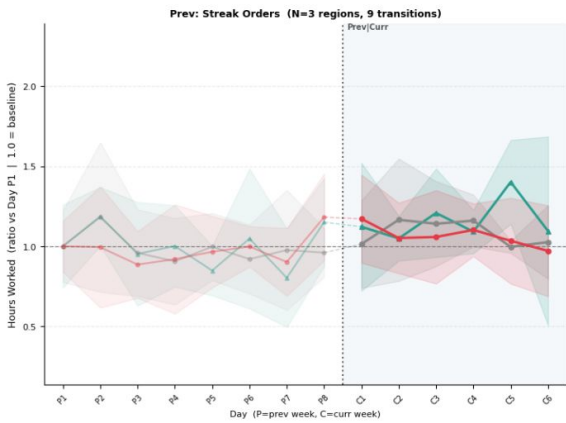
- Bottom
- Mid
- Top

Current incentive week

- Preceding week
- Current week highlight
- Baseline (Day P1 = 1.0)



Aug 16 - Aug 23 Aug 24 - Aug 29 Jul 10 - Aug 15 Jul 15 - Aug 23

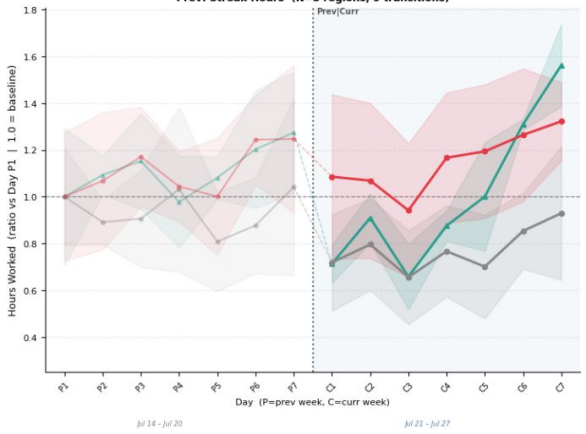
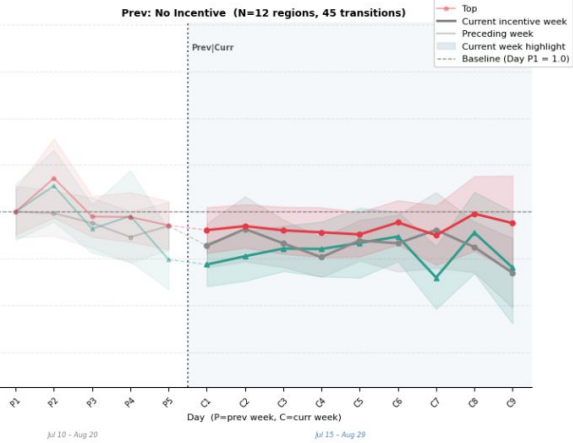
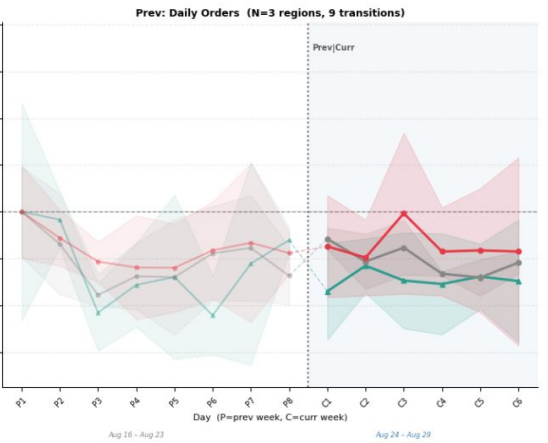
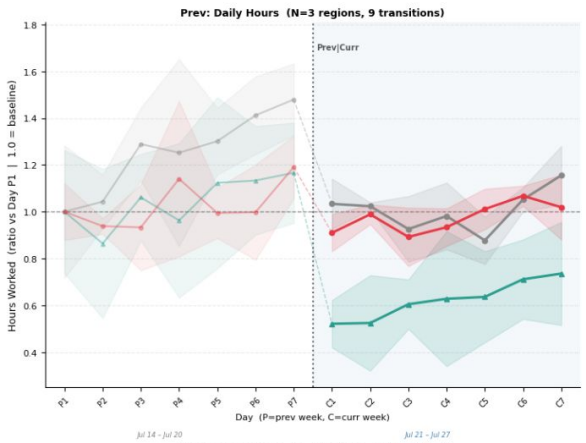


Aug 16 - Aug 23 Aug 24 - Aug 29

Streak Orders

Hours Worked · Current incentive: Streak Orders
 Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

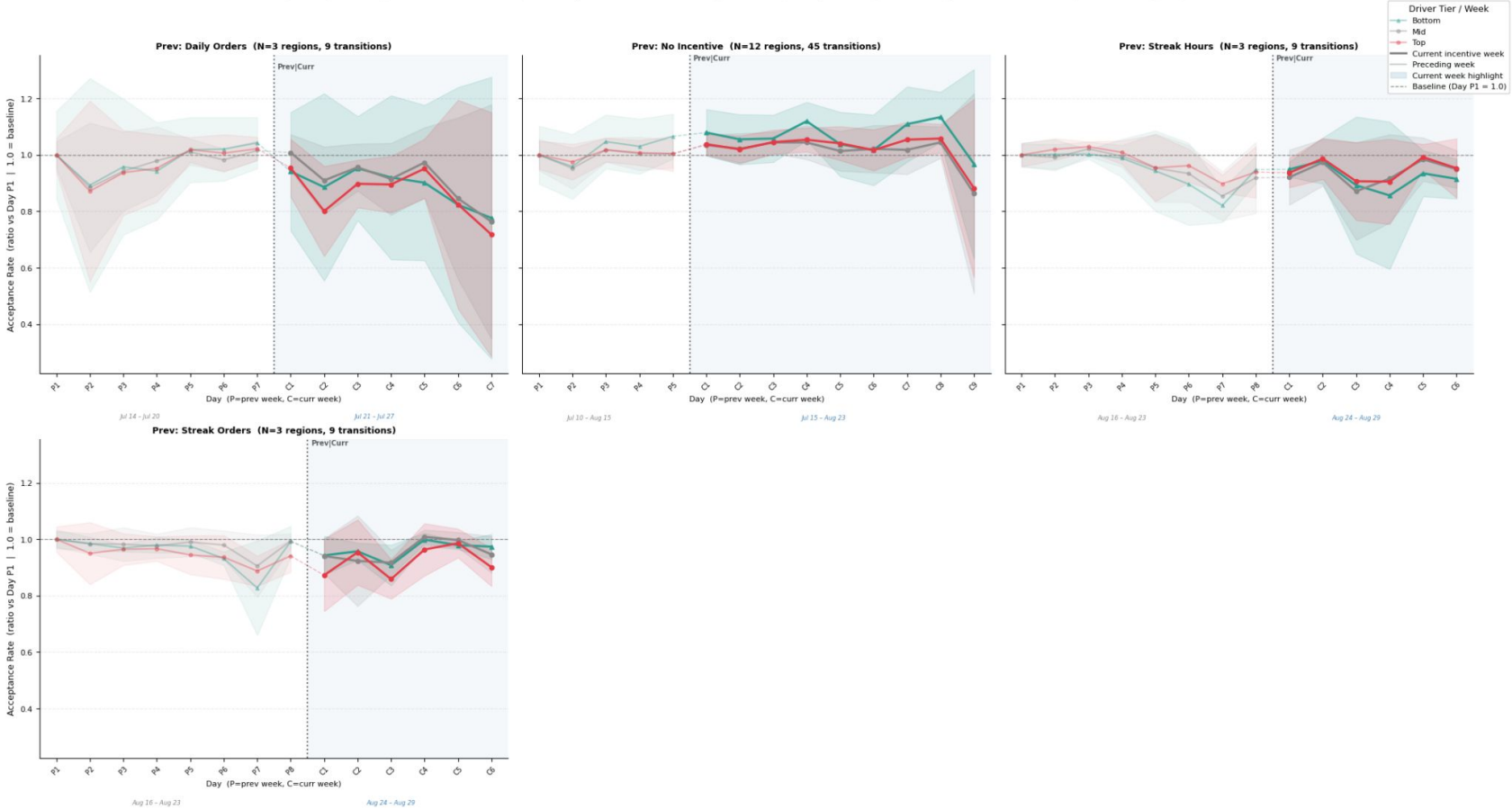
- Driver Tier / Week
 - Bottom
 - Mid
 - Top
- Current incentive week
- Preceding week
- Current week highlight
- Baseline (Day P1 = 1.0)



Acceptance Rate

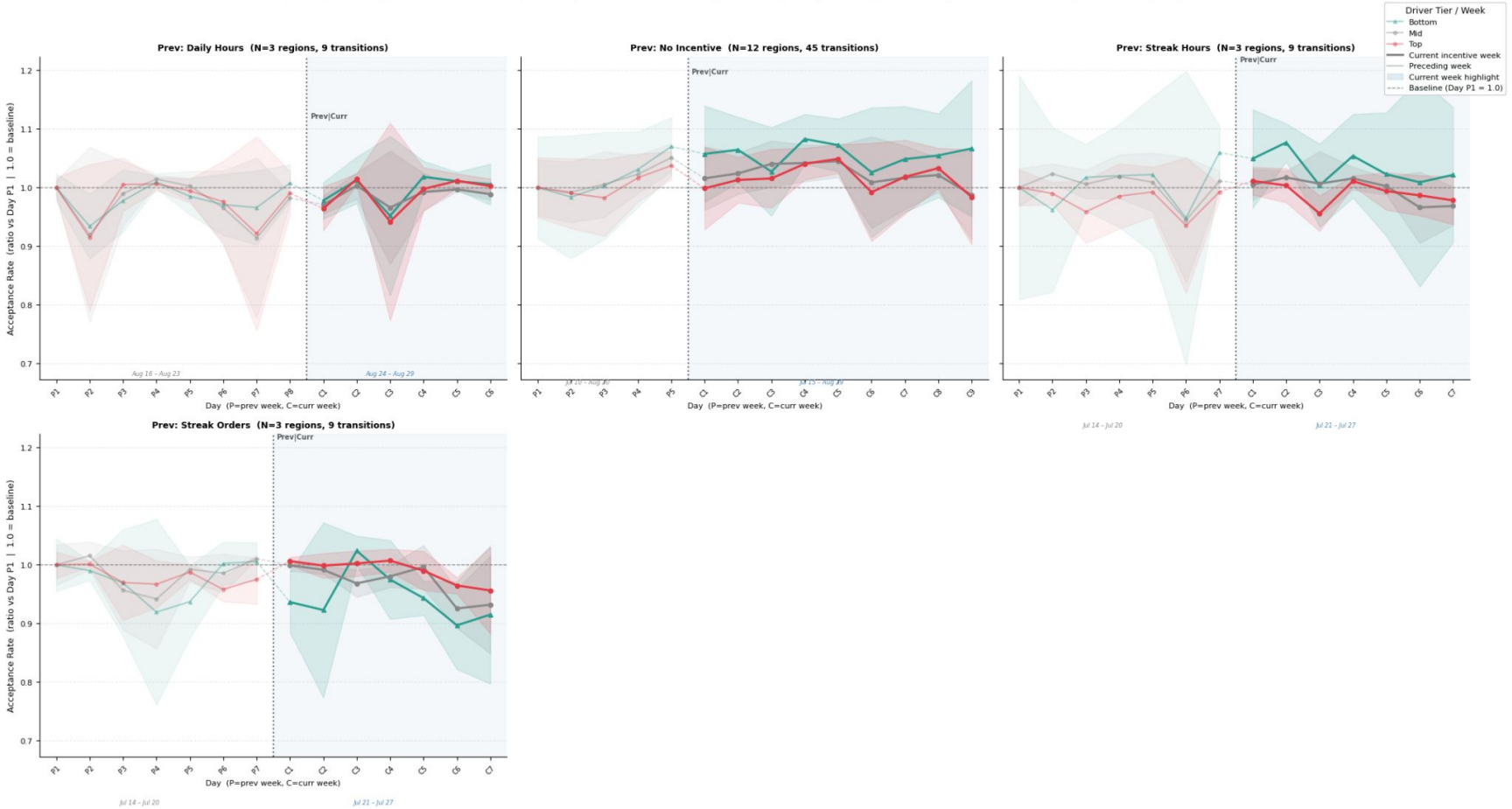
Daily Hours

Each subplot = preceding incentive (all weeks pooled) | **Acceptance Rate** · Current incentive: Daily Hours
Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



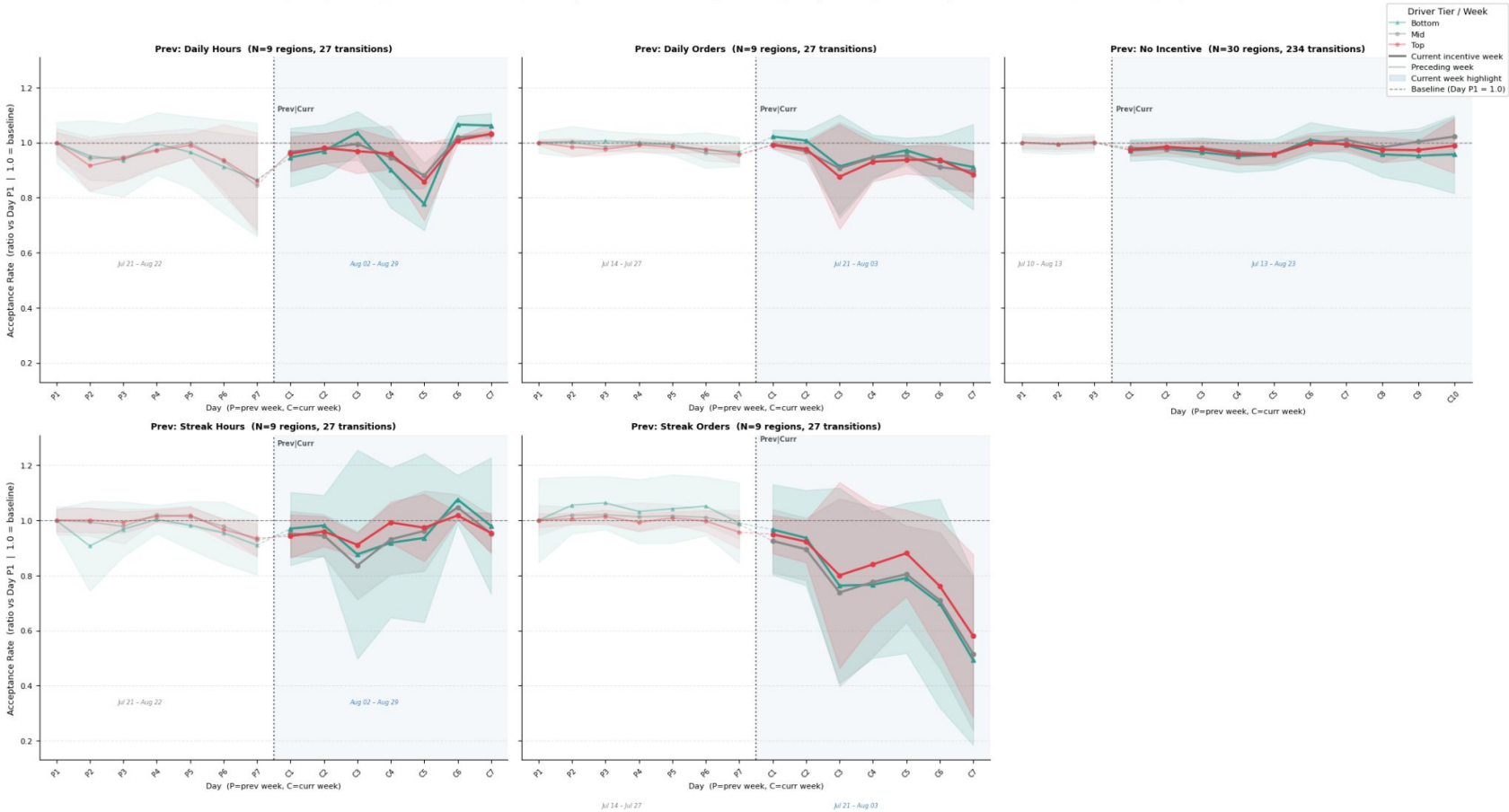
Daily Orders

Acceptance Rate · Current incentive: Daily Orders
 Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



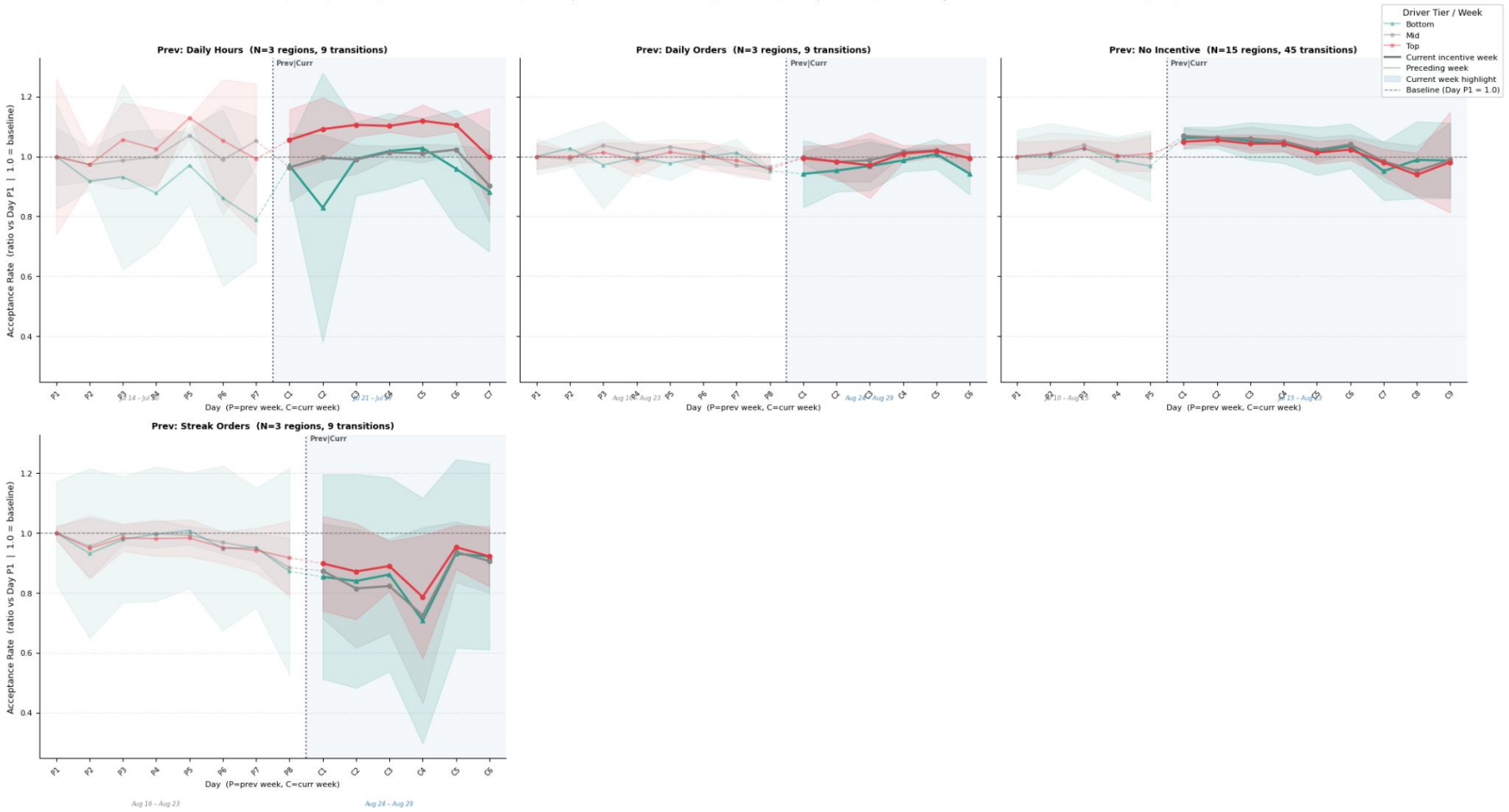
No Incentive

Acceptance Rate · Current incentive: No Incentive
Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



Streak Hours

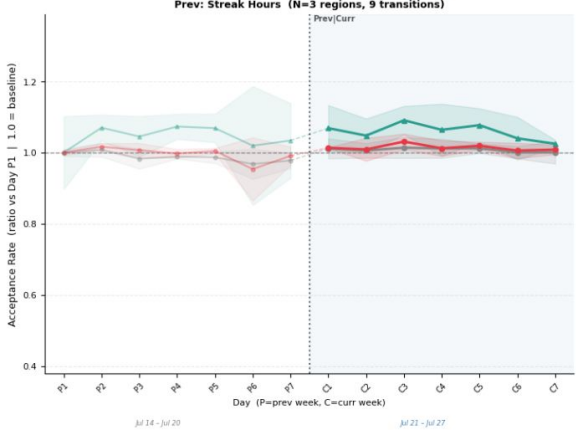
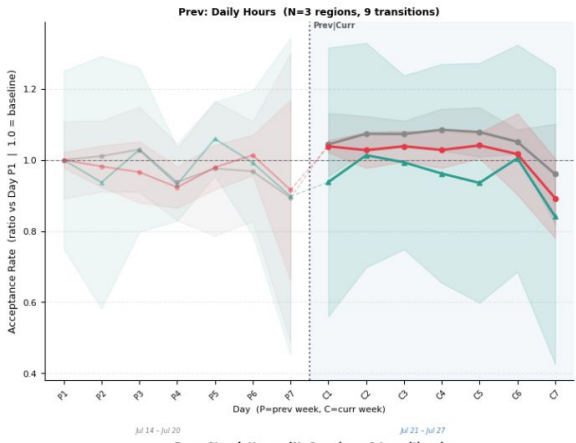
Each subplot = preceding incentive (all weeks pooled) | **Acceptance Rate - Current incentive: Streak Hours** | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



Streak Orders

Each subplot = preceding incentive (all weeks pooled) | Lines = driver tier avg across regions | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Driver Tier / Week
- Bottom
- Mid
- Top
- Current incentive week
- Preceding week
- Current week highlight
- Baseline (Day P1 = 1.0)



```
=====
Current Incentive: Daily Hours
=====
```

	prev_incentive	pct_combos_improved	avg_pct_change	median_pct_change	avg_abs_effect	n_large_effects	n_improved	n_declined	best_metric	worst_metric
1	Daily Orders	61.985	5.969	0.72	0.791	11	13	8	Total Wage	Acceptance Rate
2	Streak Orders	57.143	7.053	0.33	0.433	8	12	9	Hours Worked	Total Wage
3	No Incentive	47.619	0.086	-0.28	0.692	6	10	11	Hours Worked	Total Wage
4	Streak Hours	42.857	2.925	-0.37	0.997	11	9	12	Total Wage	Total Wage

```
=====
Current Incentive: Daily Orders
=====
```

	prev_incentive	pct_combos_improved	avg_pct_change	median_pct_change	avg_abs_effect	n_large_effects	n_improved	n_declined	best_metric	worst_metric
1	Streak Orders	57.143	-0.236	1.21	0.507	3	12	9	Total Wage	Hours Worked
2	Daily Hours	52.381	-2.877	0.34	1.044	10	11	10	Total Wage	Orders Completed
3	Streak Hours	42.857	-1.322	-0.45	1.843	7	9	12	Total Wage	Total Wage
4	No Incentive	28.571	-2.699	-1.51	0.587	5	6	15	Acceptance Rate	Orders Completed

```
=====
Current Incentive: No Incentive
=====
```

	prev_incentive	pct_combos_improved	avg_pct_change	median_pct_change	avg_abs_effect	n_large_effects	n_improved	n_declined	best_metric	worst_metric
1	Daily Orders	90.476	-4.949	3.44	0.648	4	19	2	Hours Worked	Acceptance Rate
2	Streak Orders	85.714	10.853	4.11	0.431	10	18	3	Total Wage	Acceptance Rate
3	Streak Hours	85.714	5.619	3.67	0.528	5	18	3	Total Wage	Acceptance Rate
4	Daily Hours	52.381	0.045	0.42	0.624	7	11	10	Total Wage	Hours Worked
5	No Incentive	47.619	0.460	-0.82	0.293	0	10	11	Total Wage	Acceptance Rate

effect_size from measures how big the change is between the prev week and the curr week
 $(\text{mean}(\text{curr}-\text{prev}) / \text{std}(\text{curr} - \text{prev}))$

- Tukey HSD statistical test ((used to figure out which specific groups differ from each other after you've found that some difference exists among multiple groups by calculating a minimum gap between two groups and sees if it differs by more than that threshold) aka tells if differences are real

- Note: because only 6 regions per incentive pair (small sample size) -> calculated non-significant p-val -> used classification instead to see which incentive the best (aka looking at n_large_effects, n_improved instead of purely at numbers across all metrics for each pair of incentives)
- Cohen's d is then calculated for each pair to get effect size (measurement)

Rankings of which incentive goes best before each incentive (over all driver tiers + regions that had that incentive bc driver tiers tend to behave the same as each other, regardless of tier (for the most part))

```
=====
Current Incentive: Streak Hours
=====
```

	prev_incentive	pct_combos_improved	avg_pct_change	median_pct_change	avg_abs_effect	n_large_effects	n_improved	n_declined	best_metric	worst_metric
1	Streak Orders	76.190	5.499	3.33	1.265	14	16	5	Total Wage	Acceptance Rate
2	Daily Hours	76.190	4.397	2.63	0.934	9	16	5	Total Wage	Total Wage
3	Daily Orders	28.571	-0.995	-2.22	1.378	10	6	15	Orders Completed	Total Wage
4	No Incentive	14.286	-2.224	-1.61	0.417	0	3	18	Acceptance Rate	Total Wage

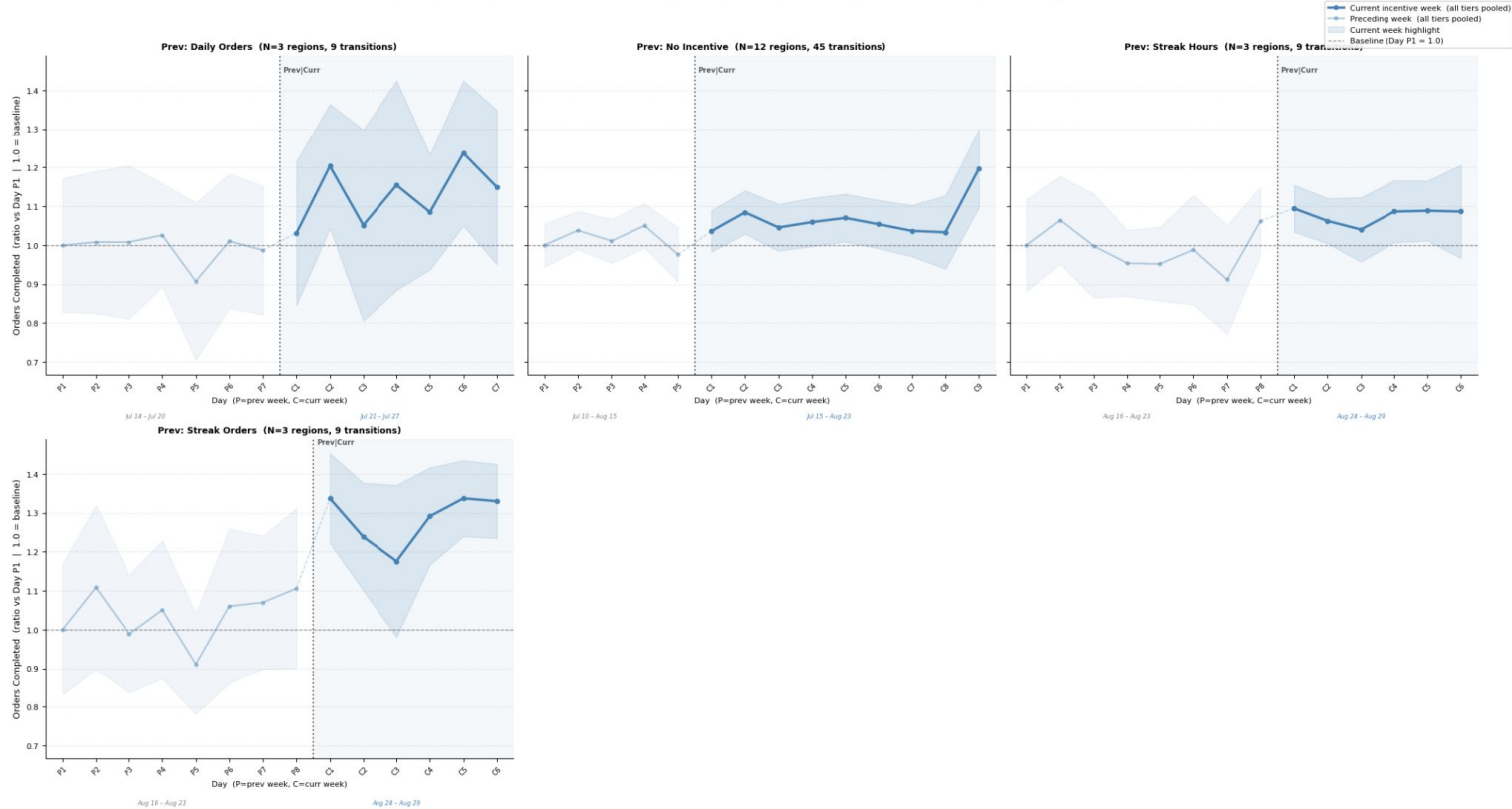
```
=====
Current Incentive: Streak Orders
=====
```

	prev_incentive	pct_combos_improved	avg_pct_change	median_pct_change	avg_abs_effect	n_large_effects	n_improved	n_declined	best_metric	worst_metric
1	Streak Hours	61.985	-2.501	0.55	0.952	10	13	8	Total Wage	Orders Completed
2	Daily Hours	47.619	-4.262	-1.67	1.319	12	10	11	Total Wage	Hours Worked
3	Daily Orders	38.095	-1.056	-0.09	0.541	7	8	13	Orders Completed	Total Wage
4	No Incentive	14.286	-4.252	-3.00	0.754	10	3	18	Acceptance Rate	Total Wage

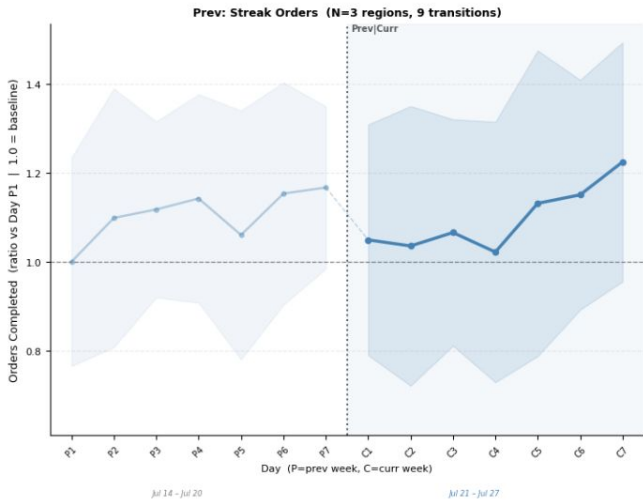
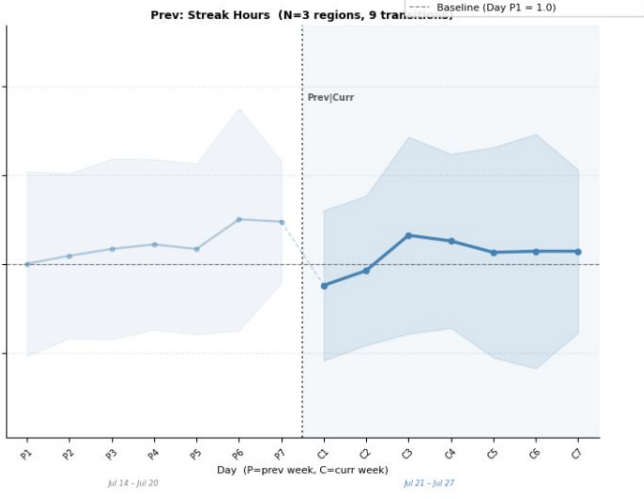
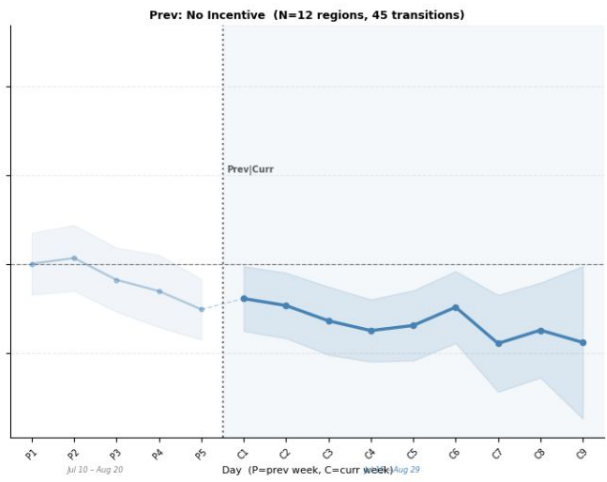
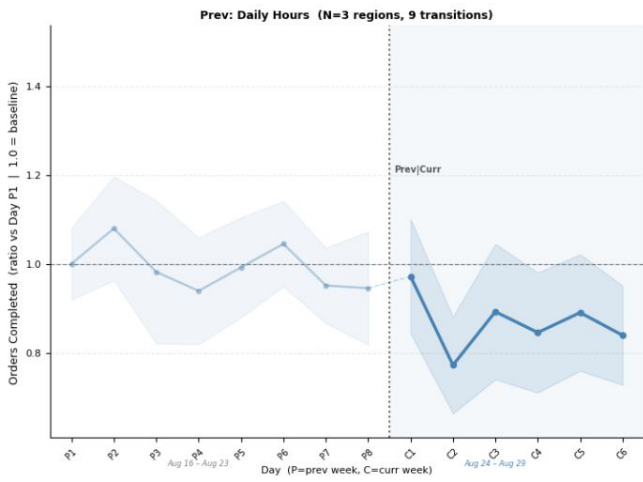
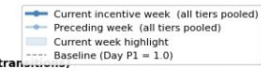
	model	week	incentive	coef	se	tstat	pval	ci_low	ci_high	n_obs	r2	reference
0	TWFE	TWFE_POOLED	Active Bonus	0.4942	0.3098	1.5954	0.1106	-0.1129	1.1013	41231	0.0149	No Incentive
1	TWFE	TWFE_POOLED	Daily Productivity	0.3534	0.0393	8.9895	0.0000	0.2763	0.4304	41231	0.0149	No Incentive
2	TWFE	TWFE_POOLED	Guarantee	-0.6893	0.0504	-13.6855	0.0000	-0.7880	-0.5906	41231	0.0149	No Incentive
3	TWFE	TWFE_POOLED	Streak	0.3651	0.0822	4.4414	0.0000	0.2040	0.5262	41231	0.0149	No Incentive
4	OLS_no_driverFE	OLS_POOLED	Active Bonus	0.8076	0.6399	1.2620	0.2069	-0.4466	2.0618	41231	0.0087	No Incentive
5	OLS_no_driverFE	OLS_POOLED	Daily Productivity	0.8243	0.5594	1.4735	0.1406	-0.2722	1.9208	41231	0.0087	No Incentive
6	OLS_no_driverFE	OLS_POOLED	Guarantee	-0.4672	0.3732	-1.2518	0.2106	-1.1988	0.2643	41231	0.0087	No Incentive
7	OLS_no_driverFE	OLS_POOLED	Streak	0.8054	0.1827	4.4079	0.0000	0.4473	1.1635	41231	0.0087	No Incentive
8	TWFE_by_week	W2_Jul14	Active Bonus	-0.1177	0.1227	-0.9590	0.3376	-0.3581	0.1228	22830	0.0205	No Incentive
9	TWFE_by_week	W2_Jul14	Daily Productivity	0.5726	0.2913	1.9661	0.0493	0.0018	1.1435	22830	0.0205	No Incentive
10	TWFE_by_week	W2_Jul14	Guarantee	-1.4632	0.8436	-1.7346	0.0828	-3.1166	0.1902	22830	0.0205	No Incentive
11	TWFE_by_week	W2_Jul14	Streak	0.5430	0.2310	2.3511	0.0187	0.0903	0.9957	22830	0.0205	No Incentive
12	TWFE_by_week	W3_Jul21	Active Bonus	0.0574	0.7180	0.0799	0.9363	-1.3499	1.4646	22921	0.0237	No Incentive
13	TWFE_by_week	W3_Jul21	Daily Productivity	0.1189	0.1831	0.6496	0.5160	-0.2399	0.4778	22921	0.0237	No Incentive
14	TWFE_by_week	W3_Jul21	Guarantee	-0.6542	0.3263	-2.0047	0.0450	-1.2937	-0.0146	22921	0.0237	No Incentive
15	TWFE_by_week	W3_Jul21	Streak	0.2658	0.2716	0.9787	0.3277	-0.2665	0.7980	22921	0.0237	No Incentive
16	TWFE_by_week	W5_Aug11	Active Bonus	0.4430	0.0769	5.7579	0.0000	0.2922	0.5938	23330	0.0209	No Incentive
17	TWFE_by_week	W5_Aug11	Daily Productivity	-0.2742	0.3752	-0.7309	0.4649	-1.0097	0.4612	23330	0.0209	No Incentive
18	TWFE_by_week	W5_Aug11	Guarantee	0.3873	0.1725	2.2459	0.0247	0.0493	0.7253	23330	0.0209	No Incentive
19	TWFE_by_week	W5_Aug11	Streak	0.0963	0.0658	1.4646	0.1430	-0.0326	0.2252	23330	0.0209	No Incentive
20	TWFE_by_week	W6_Aug16	Active Bonus	0.3919	0.3062	1.2797	0.2006	-0.2083	0.9921	23415	0.0224	No Incentive
21	TWFE_by_week	W6_Aug16	Daily Productivity	-0.2294	0.0972	-2.3599	0.0183	-0.4200	-0.0389	23415	0.0224	No Incentive
22	TWFE_by_week	W6_Aug16	Guarantee	-1.1362	0.7683	-1.4788	0.1392	-2.6420	0.3696	23415	0.0224	No Incentive
23	TWFE_by_week	W6_Aug16	Streak	0.6833	0.1438	4.7509	0.0000	0.4014	0.9652	23415	0.0224	No Incentive
24	TWFE_by_week	W7_Aug23	Active Bonus	1.5514	0.5536	2.8023	0.0051	0.4663	2.6364	23635	0.0225	No Incentive
25	TWFE_by_week	W7_Aug23	Daily Productivity	1.6378	0.3348	4.8911	0.0000	0.9815	2.2940	23635	0.0225	No Incentive
26	TWFE_by_week	W7_Aug23	Guarantee	0.4297	0.5930	0.7247	0.4686	-0.7325	1.5920	23635	0.0225	No Incentive
27	TWFE_by_week	W7_Aug23	Streak	1.0324	0.6857	1.5056	0.1322	-0.3116	2.3763	23635	0.0225	No Incentive

Trend lines

Orders Completed · Current incentive: Daily Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

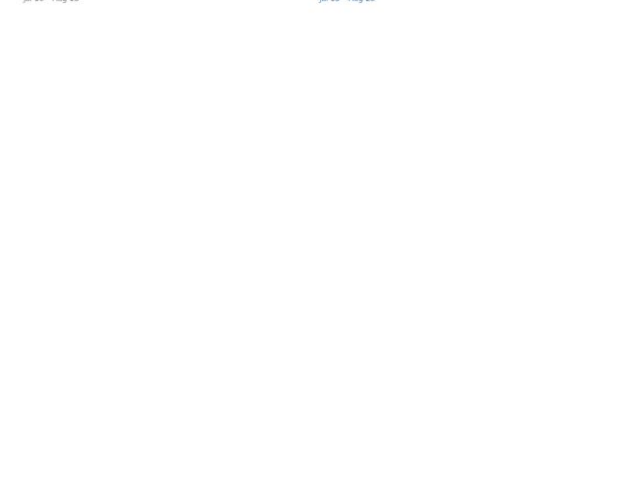
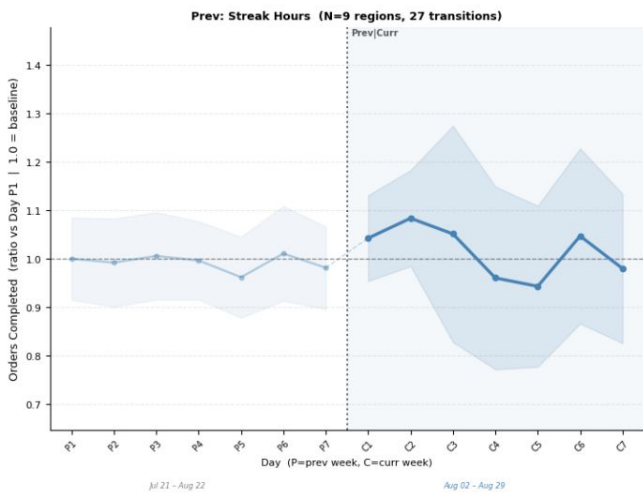
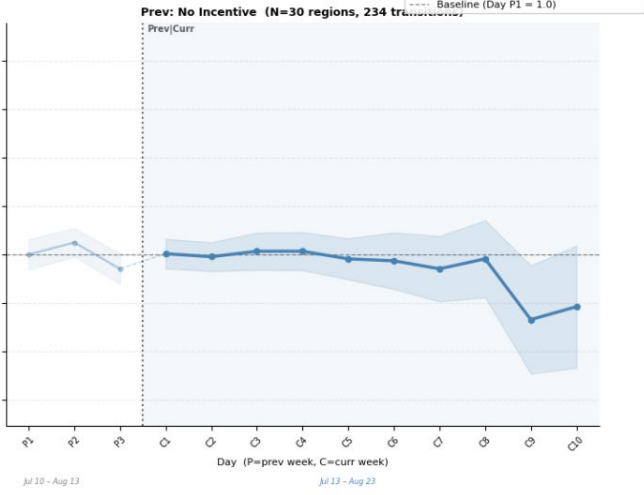
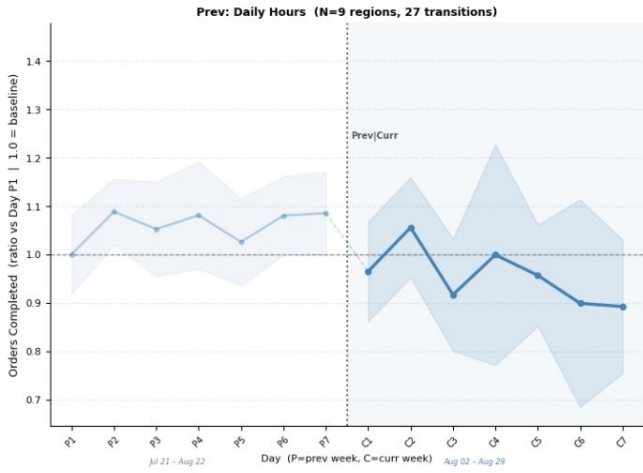


Orders Completed · Current incentive: Daily Orders
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

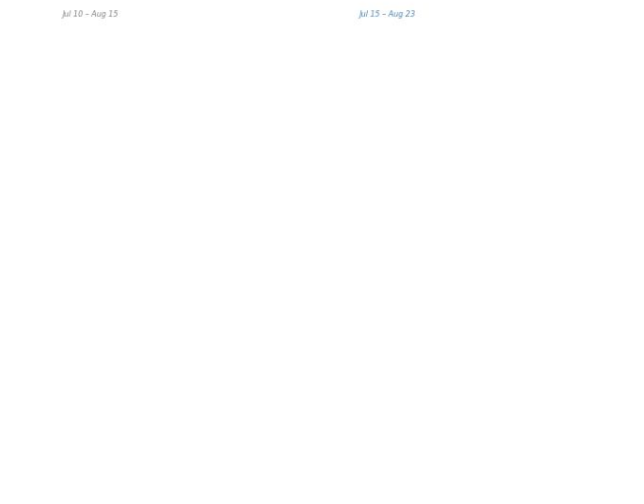
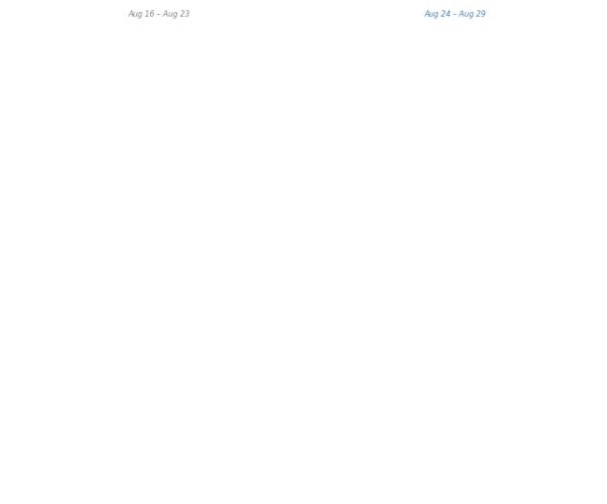
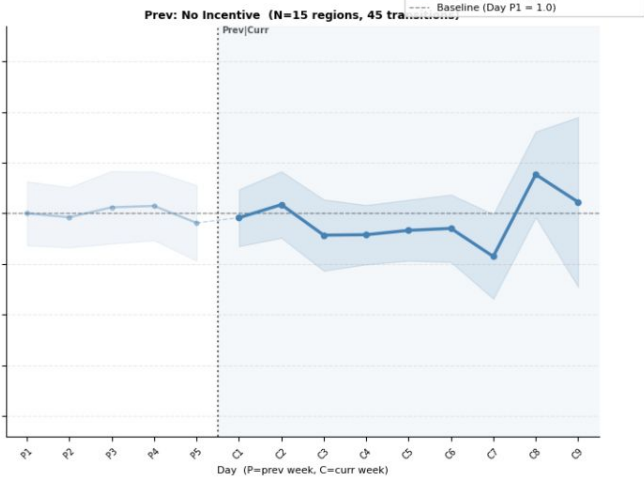
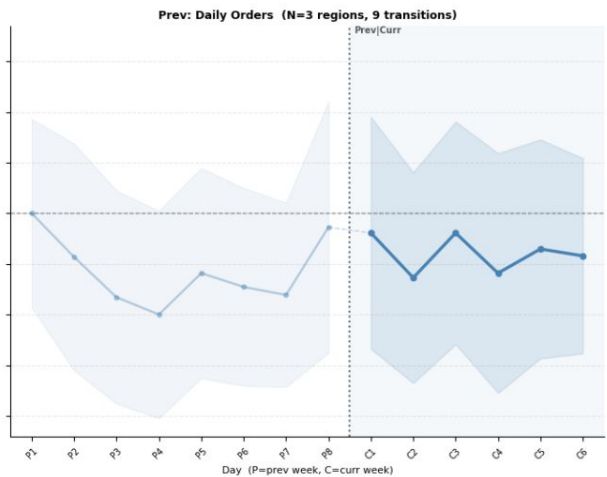
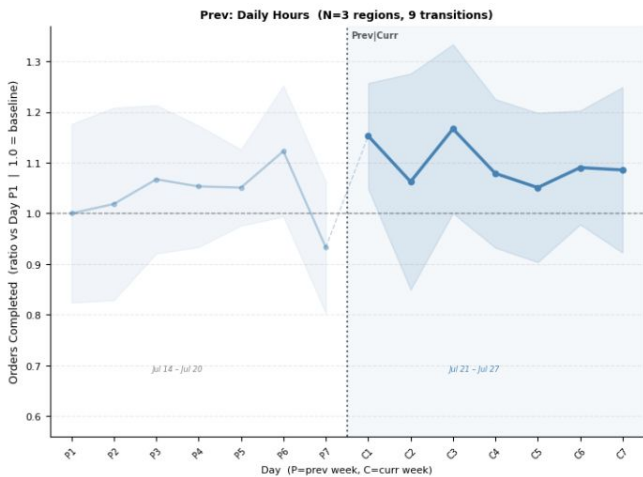
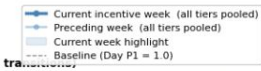


Orders Completed · Current transition: No Incentive
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)

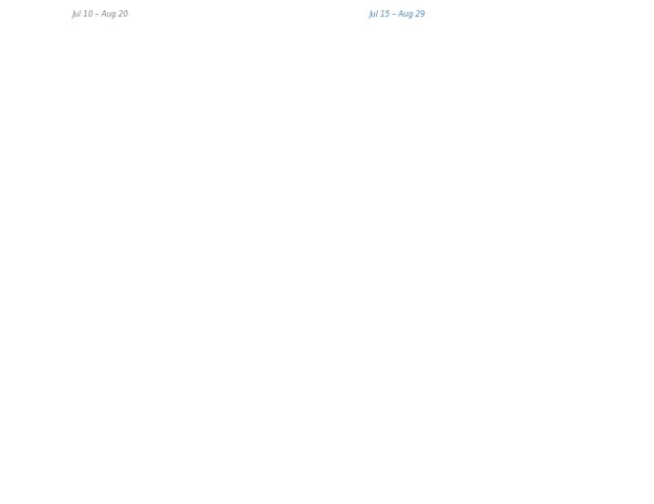
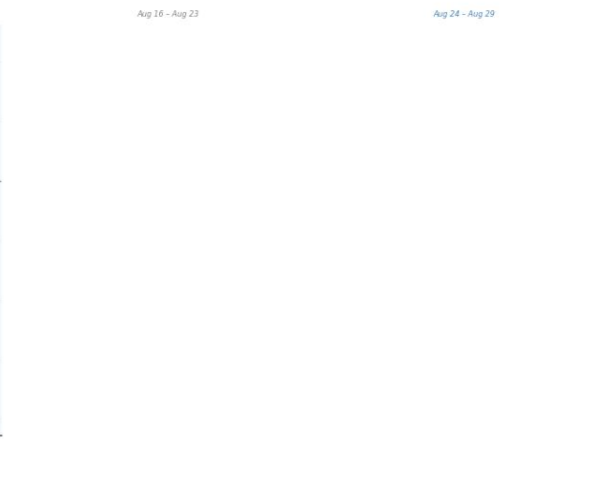
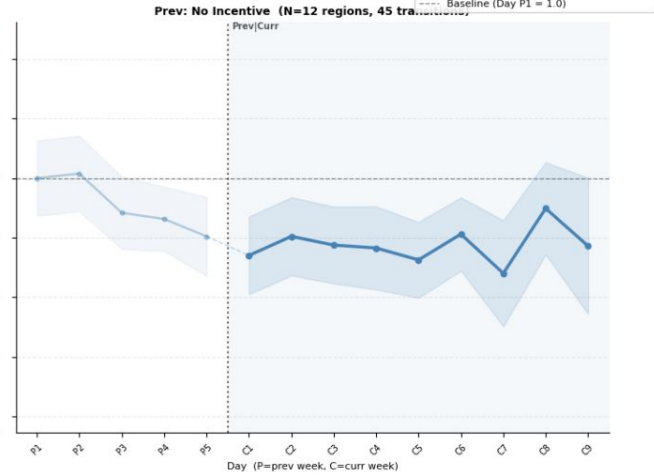
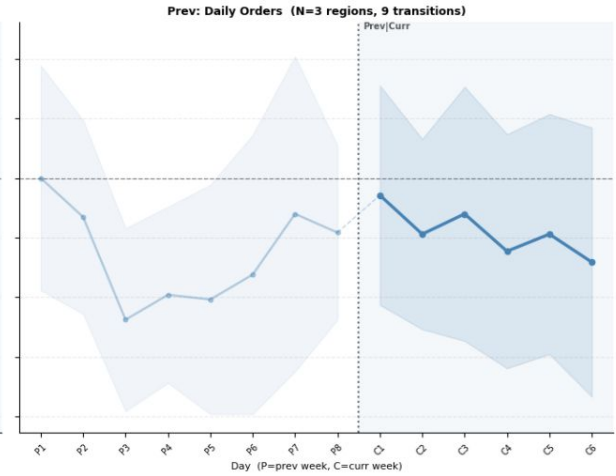
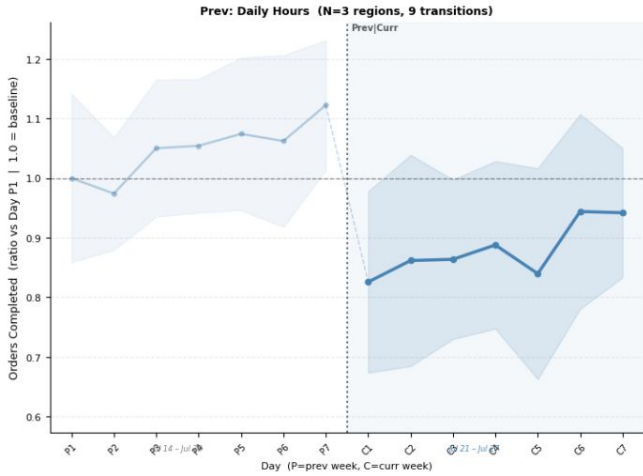


Orders Completed - Current incentive: Streak Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

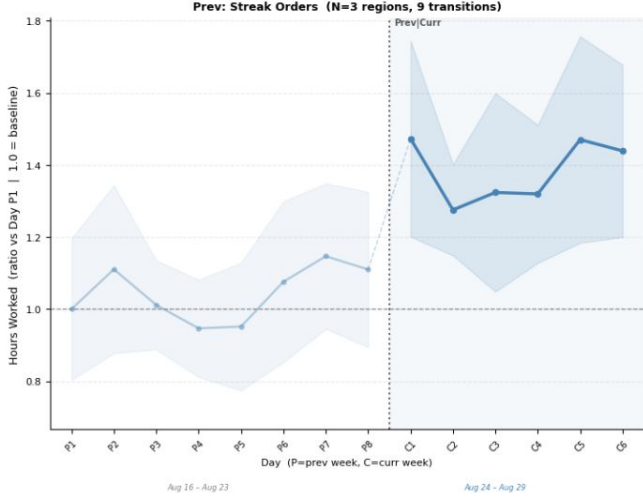
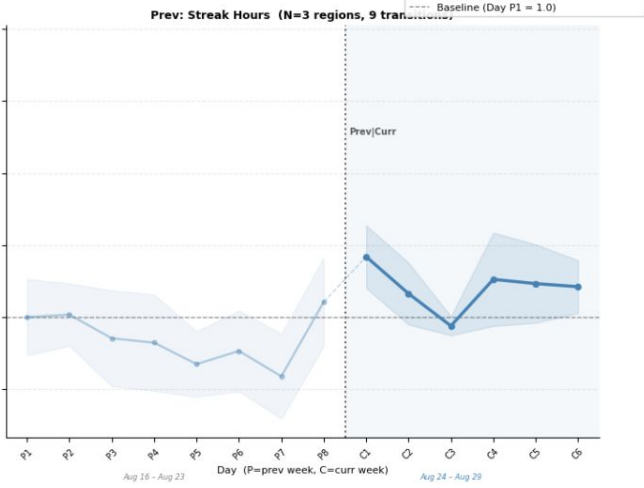
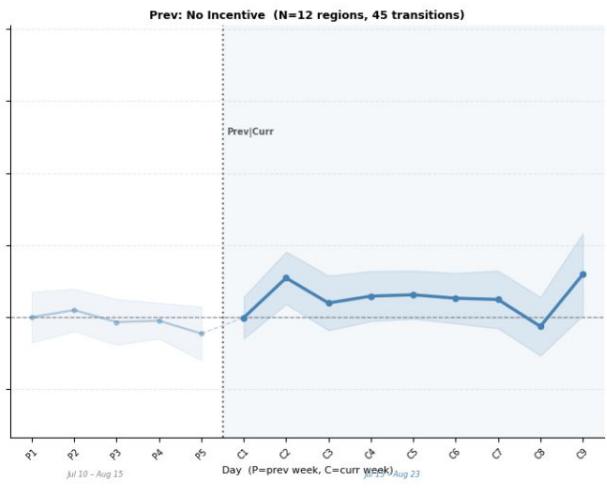
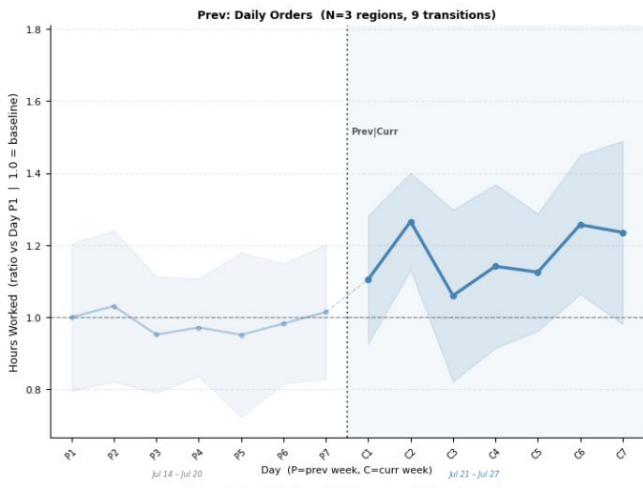
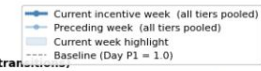


Orders Completed - Current Incentive: **Streak Orders**
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)

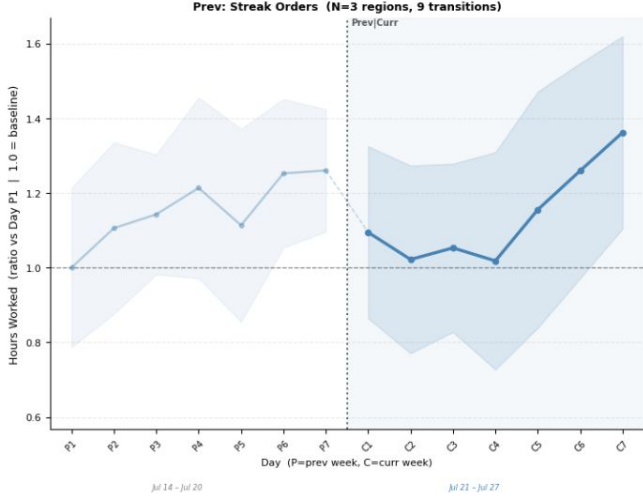
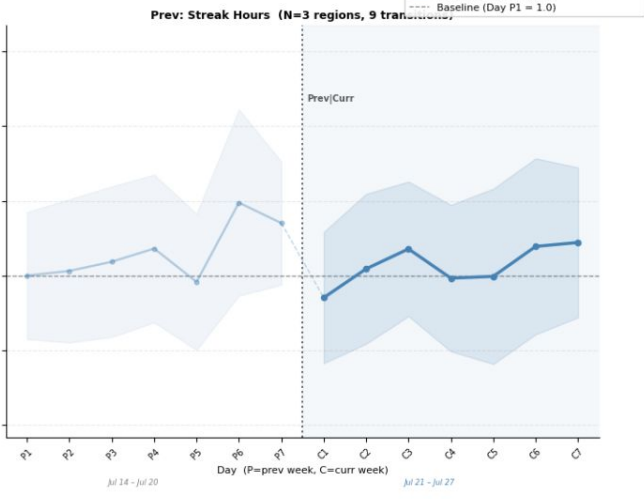
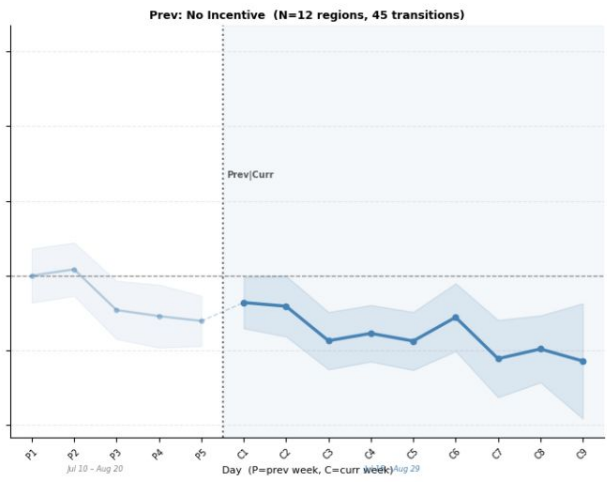
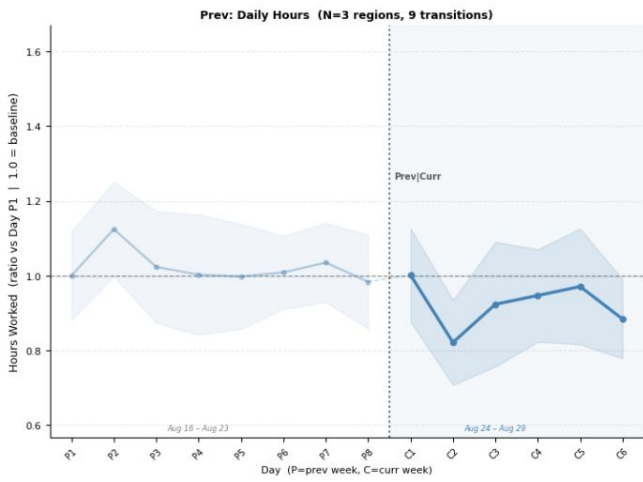


Hours Worked · Current incentive: Daily Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)



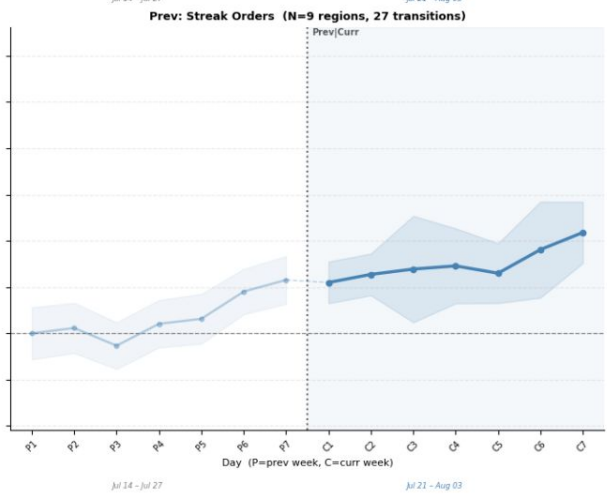
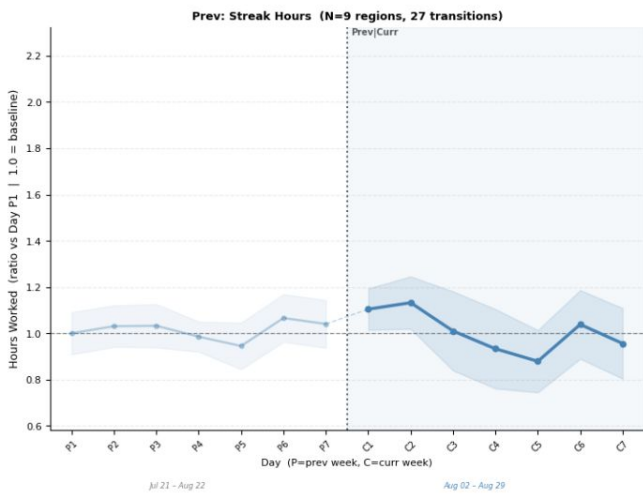
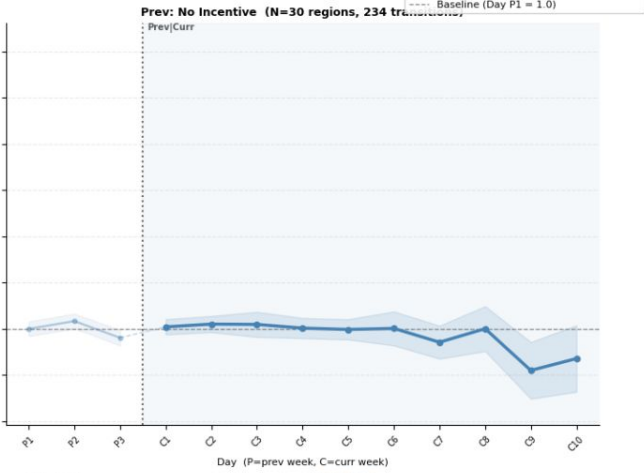
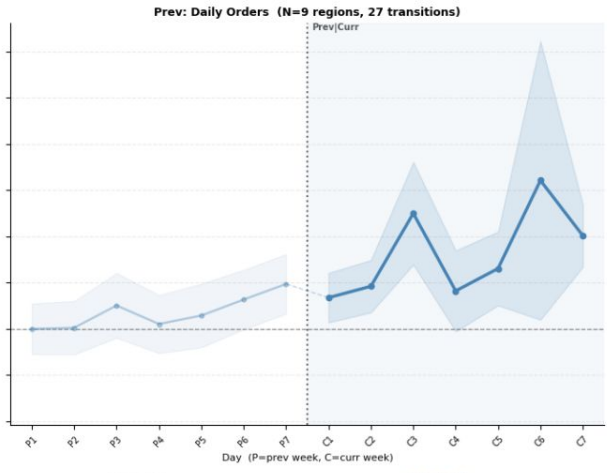
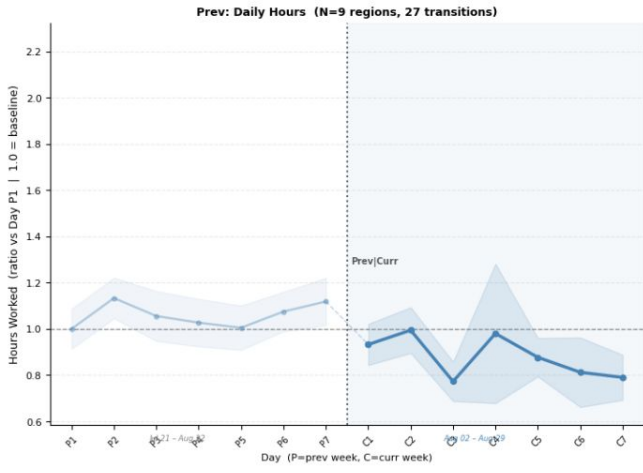
Hours Worked · Current incentive: Daily Orders
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- - - Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



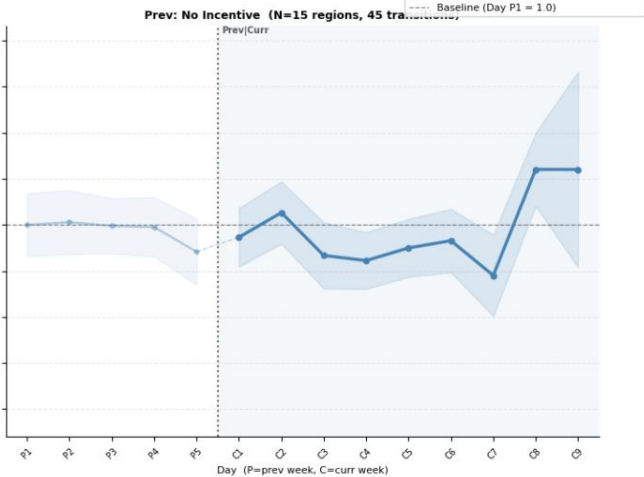
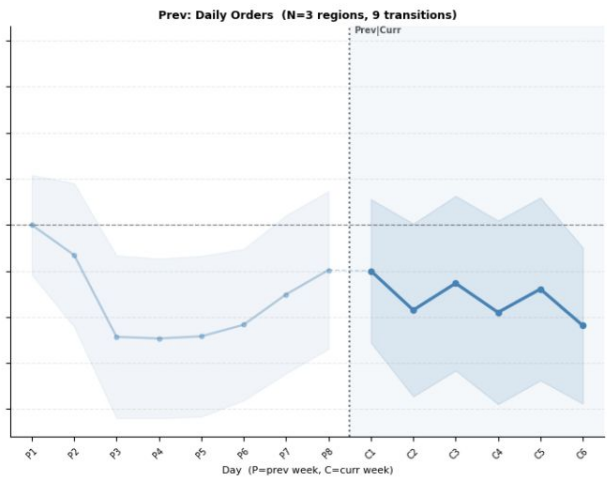
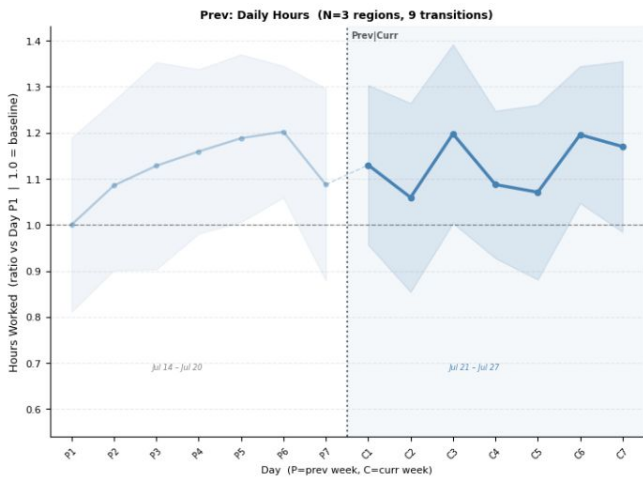
Hours Worked · Current incentive: No Incentive
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



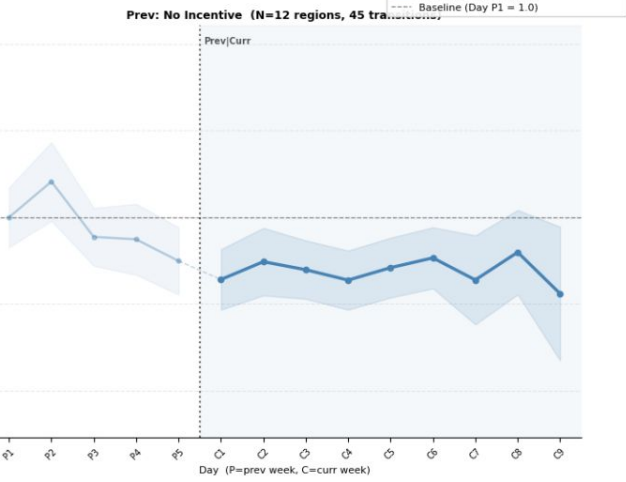
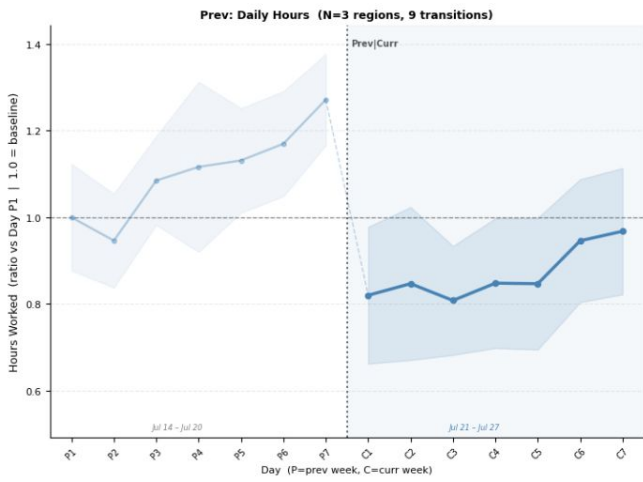
Hours Worked - Current incentive: Streak Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



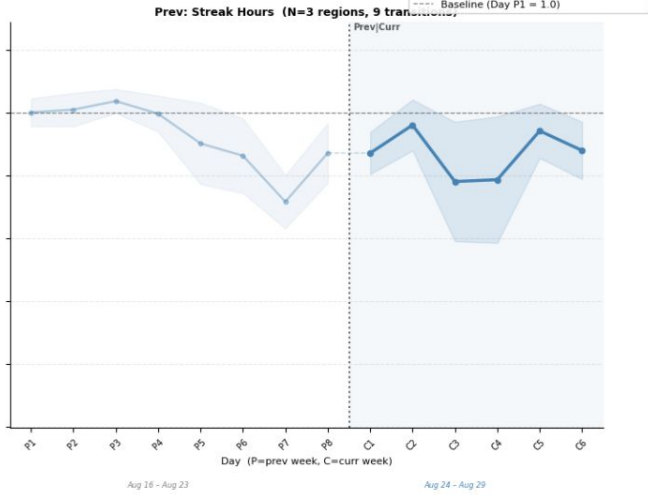
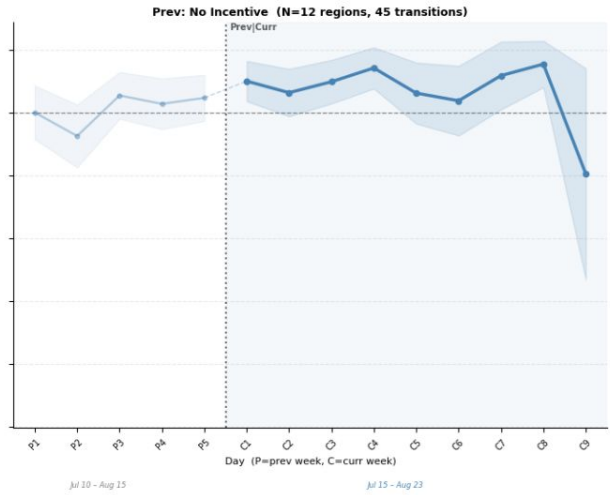
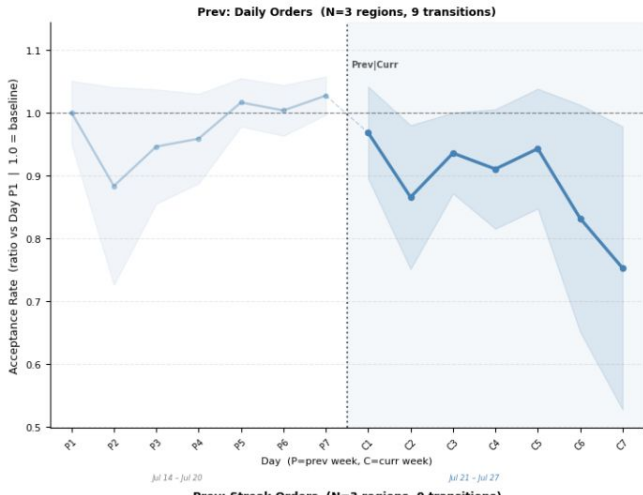
Hours Worked - Current Incentive: Streak Orders
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



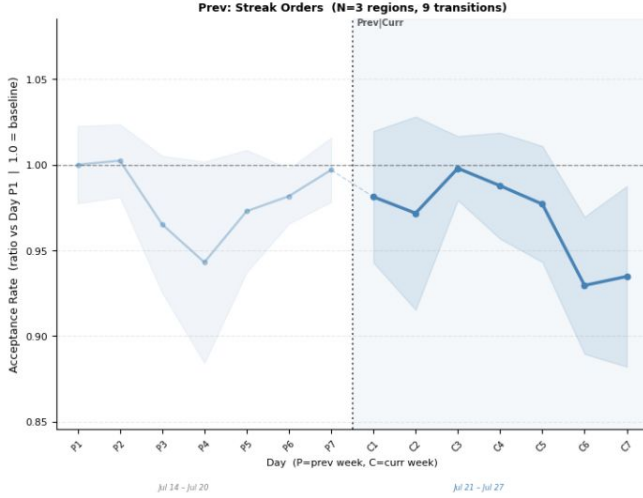
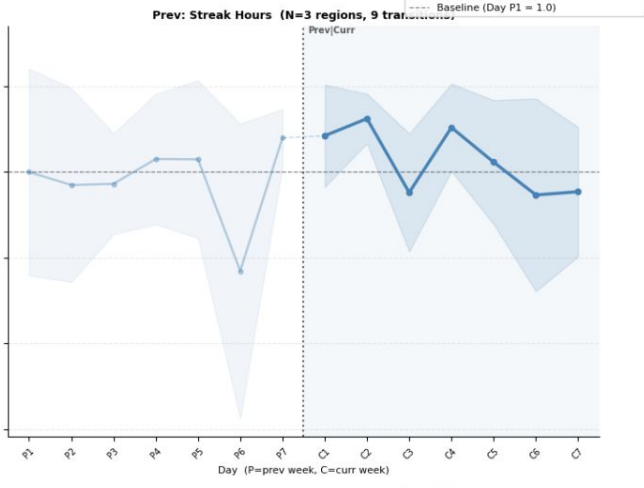
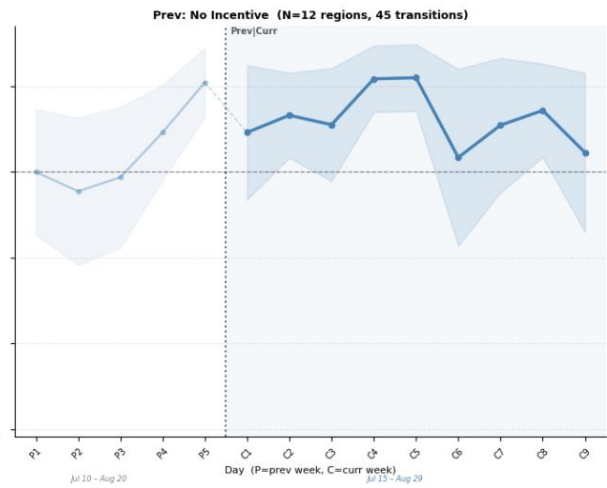
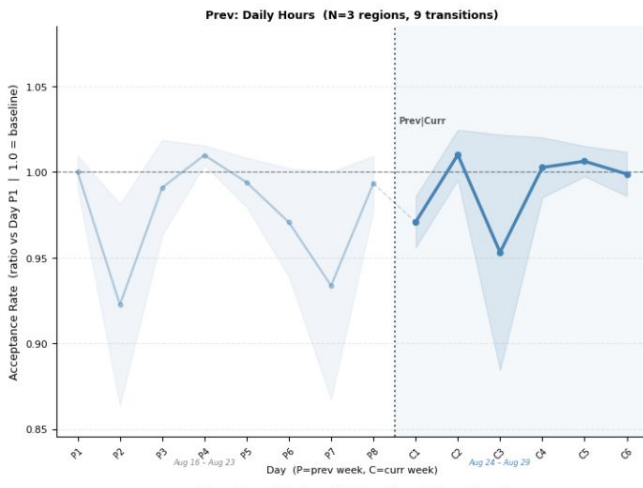
Acceptance Rate - Current incentive: Daily Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



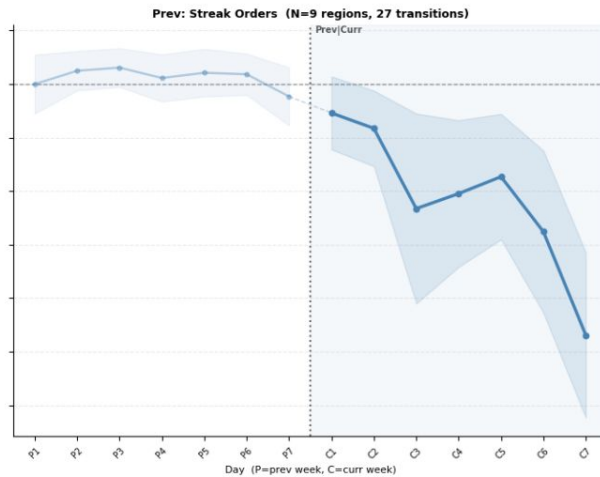
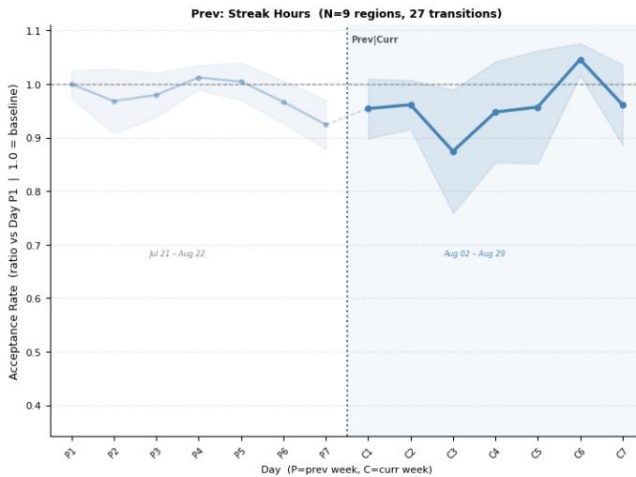
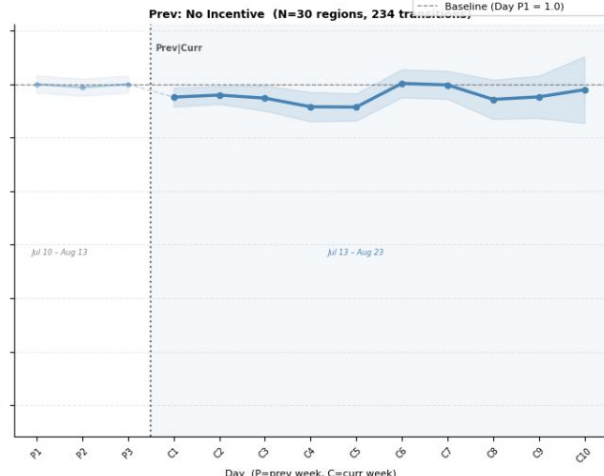
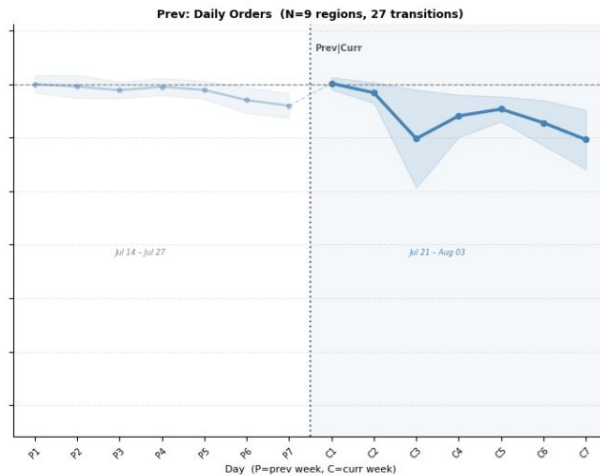
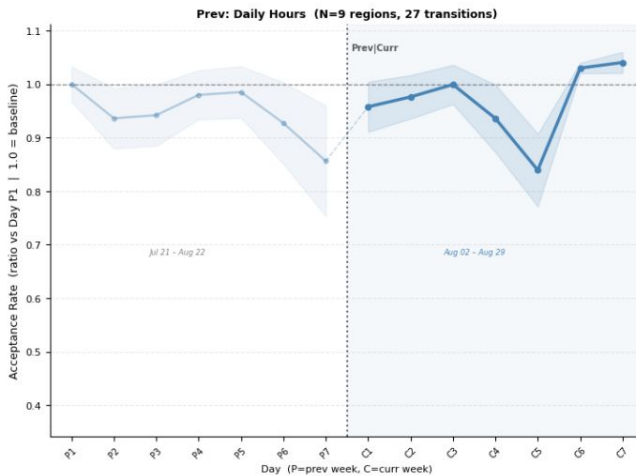
Acceptance Rate - Current incentive: Daily Orders
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



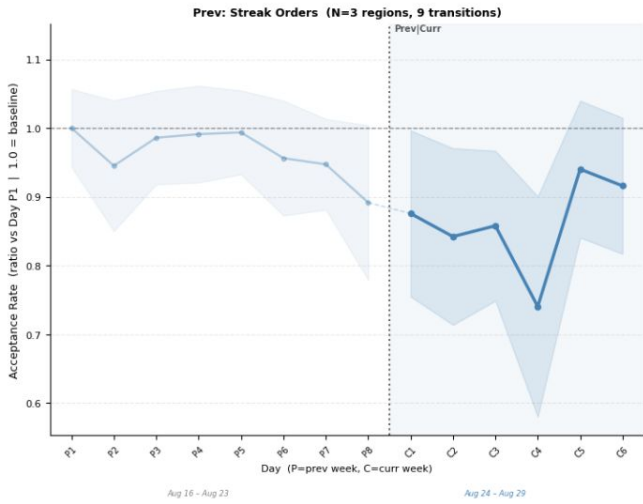
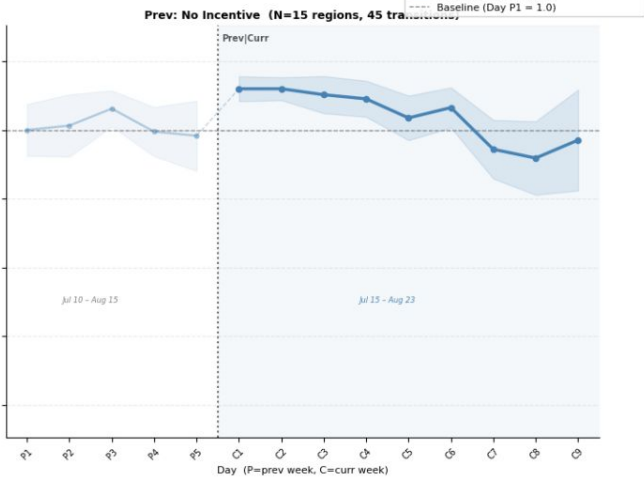
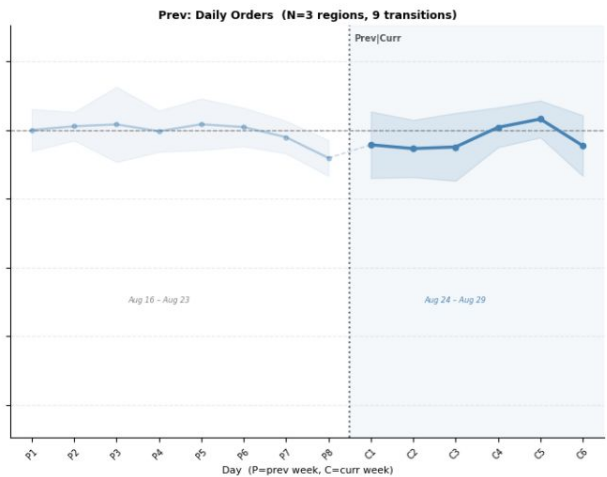
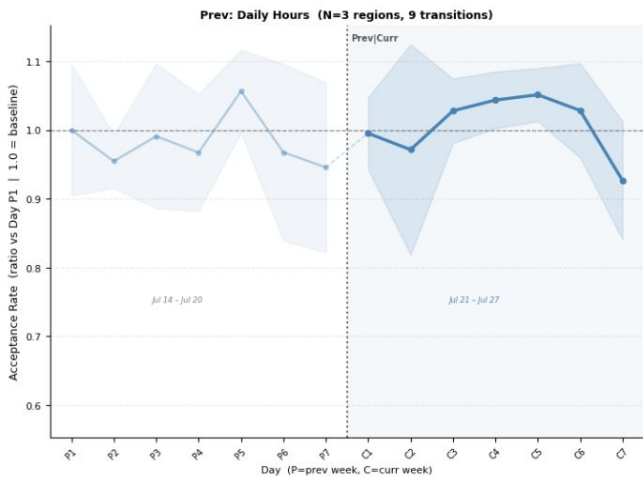
Acceptance Rate - Current incentive: No Incentive
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



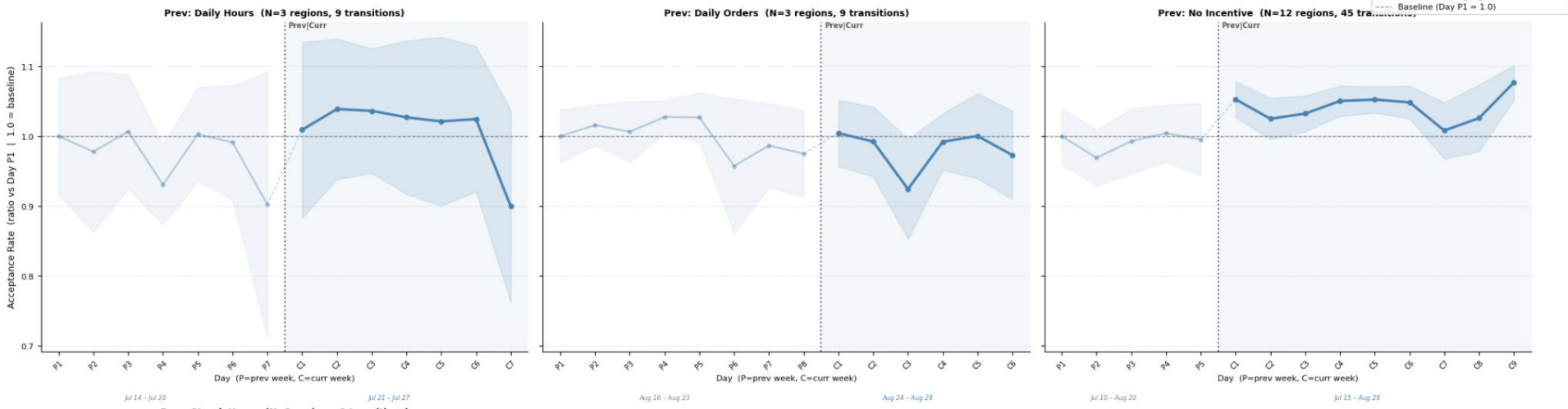
Acceptance Rate · Current Incentive: Streak Hours
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



Acceptance Rate · Current incentive: Streak Orders
 Each subplot = preceding incentive (all weeks & tiers pooled) | Shading = 95% CI | Y-axis = ratio to Day P1 (first day of prev week)

- Current incentive week (all tiers pooled)
- Preceding week (all tiers pooled)
- Current week highlight
- Baseline (Day P1 = 1.0)



4/31 updates

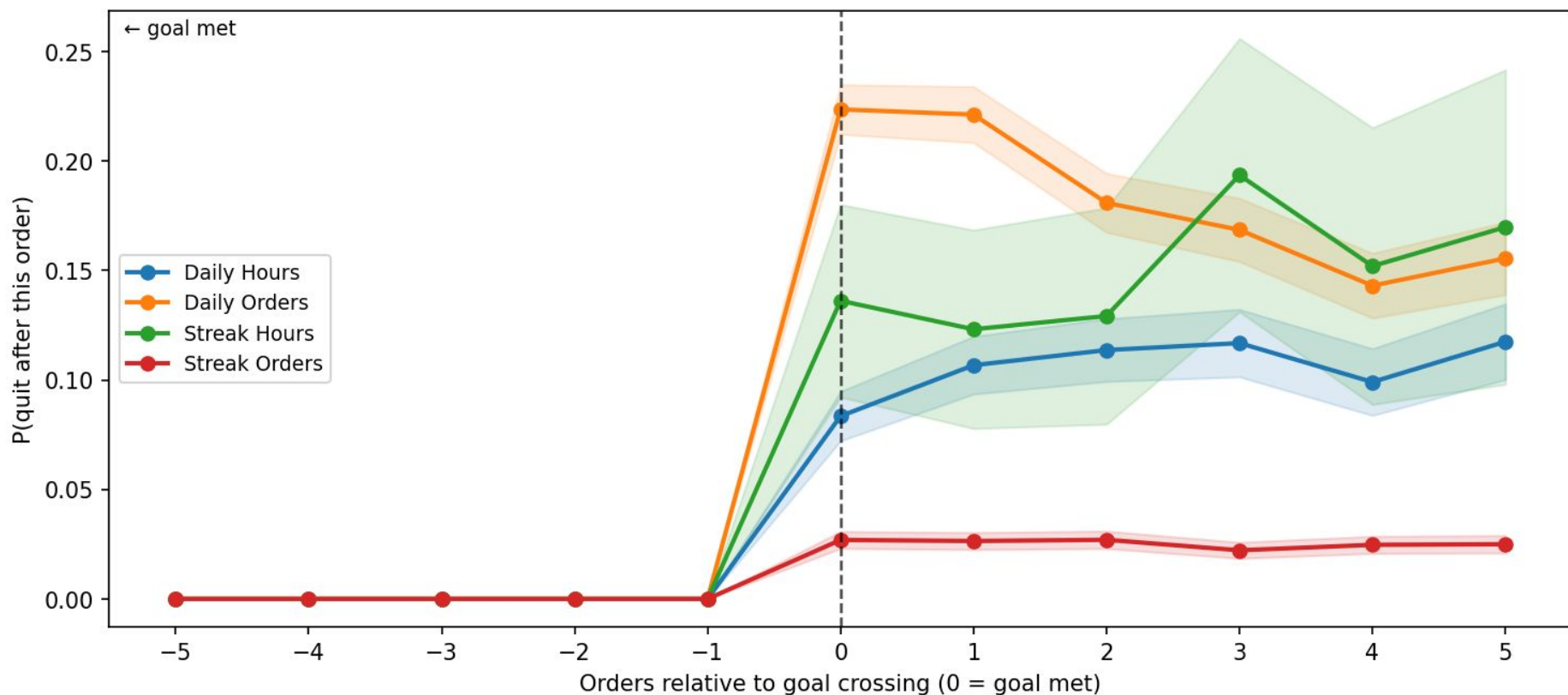
Orders/Day vs. Orders/Hour by Final Daily Goal Progress
 (Grouped by max progress reached that day; dotted line = goal threshold; shaded: 95% CI)



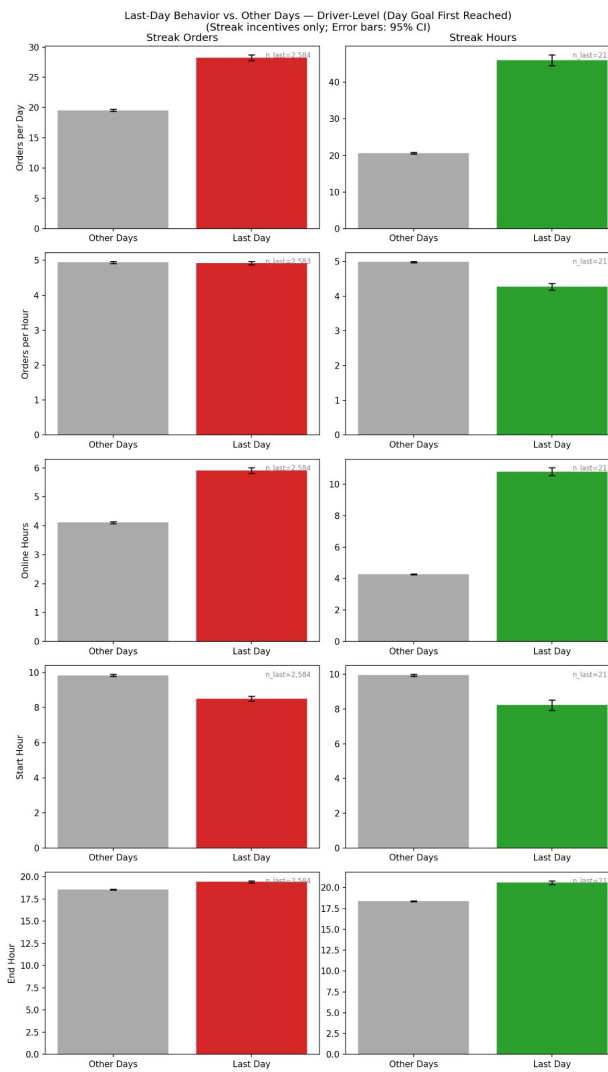
No significant change in orders per hour or orders per day past goal

Order per day is calculated as average orders per day for those whos day ended within that progress bucket

Quit Hazard Around Goal Crossing (-5 to +5 orders)
Shaded: 95% CI



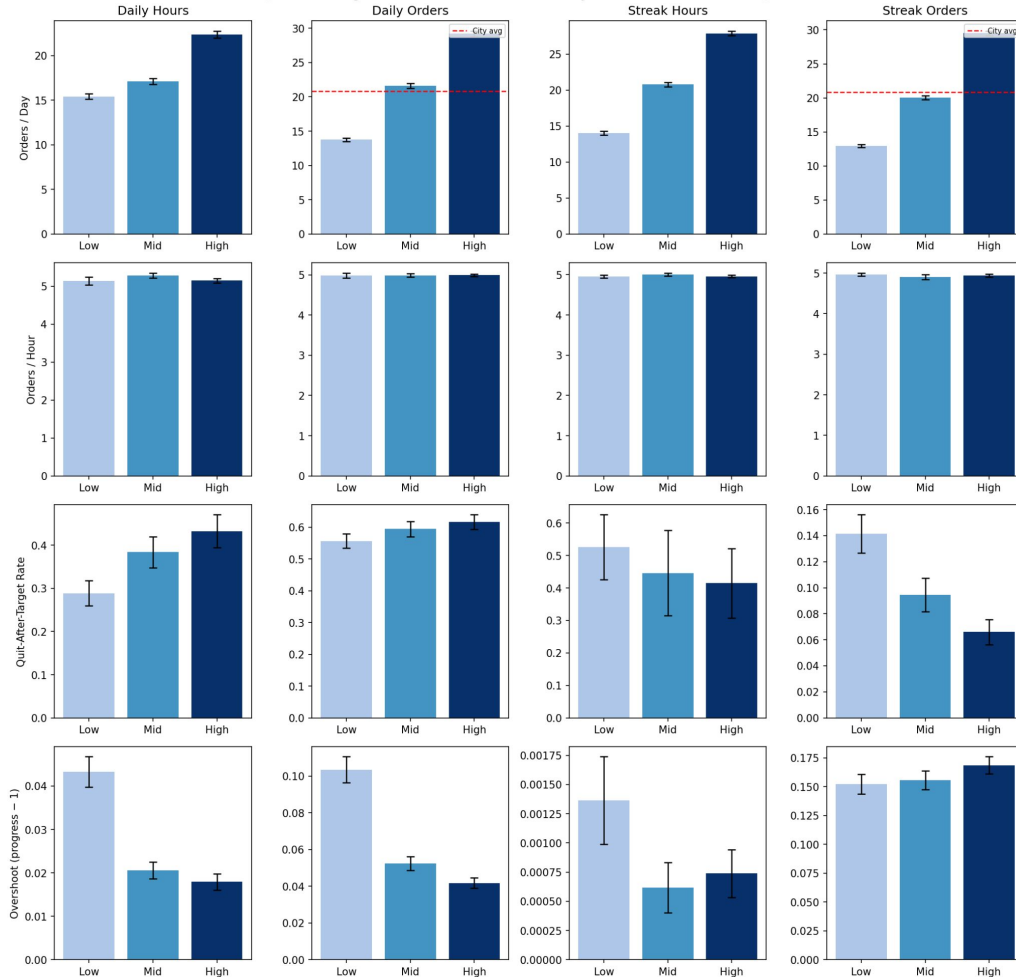
More orders per day, similar
order rate, longer hours, earlier
start



More orders per day, less
orders per hour, significantly
more hours, earlier start

Increased orders per day, same order/hour, daily incentives have higher quit rate after target as threshold increases, streak has lower quit rate after goal as threshold increases

Effect of Threshold Level on Driver Behavior
(Low / Mid / High terciles of threshold relative to city baseline; Error bars: 95% CI)

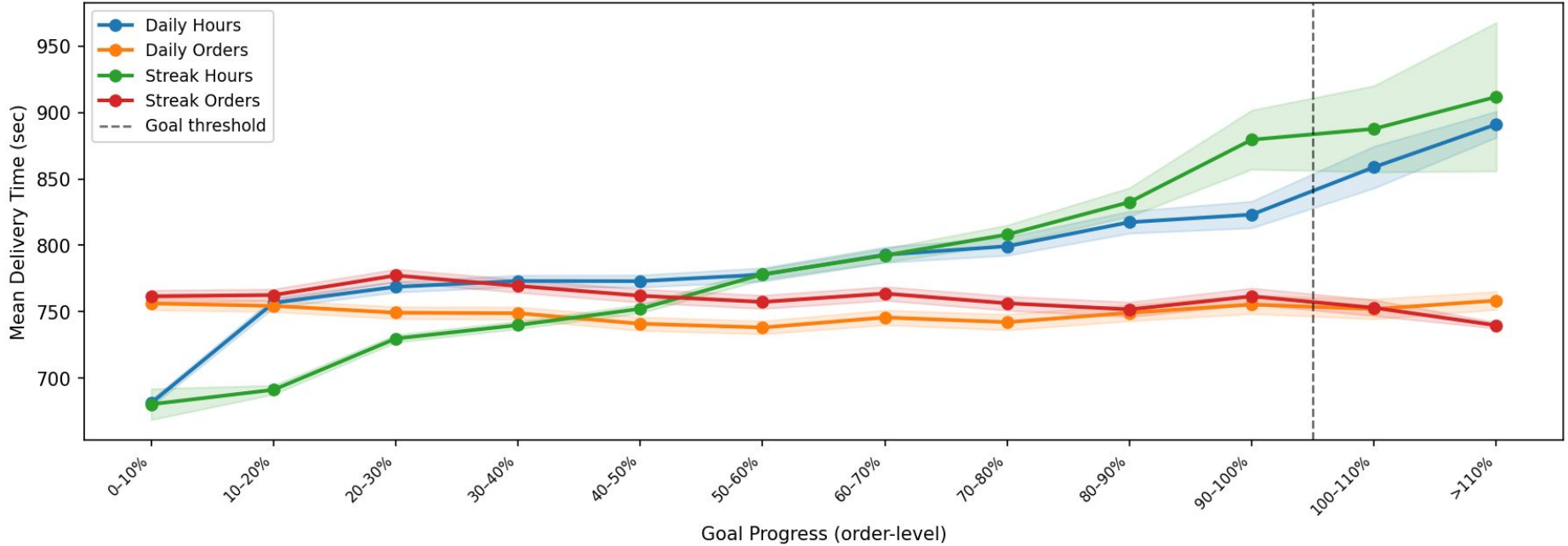


Threshold level relates almost directly to reward level so there may be confounding effects

rate = quit within 3 orders

Lower goals are set too low (streak orders is weird because all are set too low)

Task Duration by Goal Progress
(Do drivers pick faster orders near threshold?)
(Shaded: 95% CI)



Task Distance by Goal Progress
(Do drivers pick shorter trips near threshold?)
(Shaded: 95% CI)

