NQ TBBO Daily-Breadth Order-Flow

Causal profile levels, independent trigger sleeves, one-NQ arbitration, Monte Carlo, and prop-program proxies

EXECUTIVE REPORT

A profitable all-history-seen diagnostic — not prospective evidence

RESOLVED PNL	EV / TRADE	TRADES / SESSION	DAILY-CLOSE DD
$29,826	$109.65	1.050	$2,400
272 resolved · 18 censored	one NQ after stated friction	average, not every session	known segments only

Identity and boundary

- Study: nq_tbbo_daily_breadth_portfolio_analysis_v1_780f813e48279f16
- Portfolio: NQ_OF_PORTFOLIO_DIAG_DAILY_BREADTH_PRIOR_TPOVA_TPOSP_TPOEXT_V1
- Stage-aware diagnostic: NQ_OF_ACCOUNT_POLICY_DIAG_PRIOR10_EVAL_DAILY_EXTENDED_FUNDED_V1
- Dataset GLBX.MDP3 TBBO NQ.c.0; exact historical instrument/contract retained; 2025-08-07 through 2026-08-06.
- One NQ; one adverse entry tick; one adverse stop tick; zero target slippage; $2 round turn; no arbitrary time exit.
- All current dates were inspected. No untouched holdout remains. No plugin, entitlement, practice authorization, paid-evaluation authorization, or funded/live path exists.

Prepared from checksum-verified immutable result tables · 2026-08-11

What was built

Independent causal universes add breadth without loosening the frozen profitable reference

Portfolio construction

- Frozen AVP3 + TPO-second reference remains unchanged; every addition is a distinct level/trigger universe.
- Prior RTH value edge: first interaction, immediate direct two-500-volume accepted break, 180-second gate, 10-point stop / 30-point target.
- Latest completed overnight TPO value edge: first-interaction failed break + flow-flip reentry, 600-second gate, 10 / 50.
- Latest completed overnight TPO single print: second interaction, one-second flow flip score ≥25, 30-second gate, 15 / 45.
- Latest completed overnight TPO profile high/low: second accepted-break continuation, 60-second gate, 10 / 50.

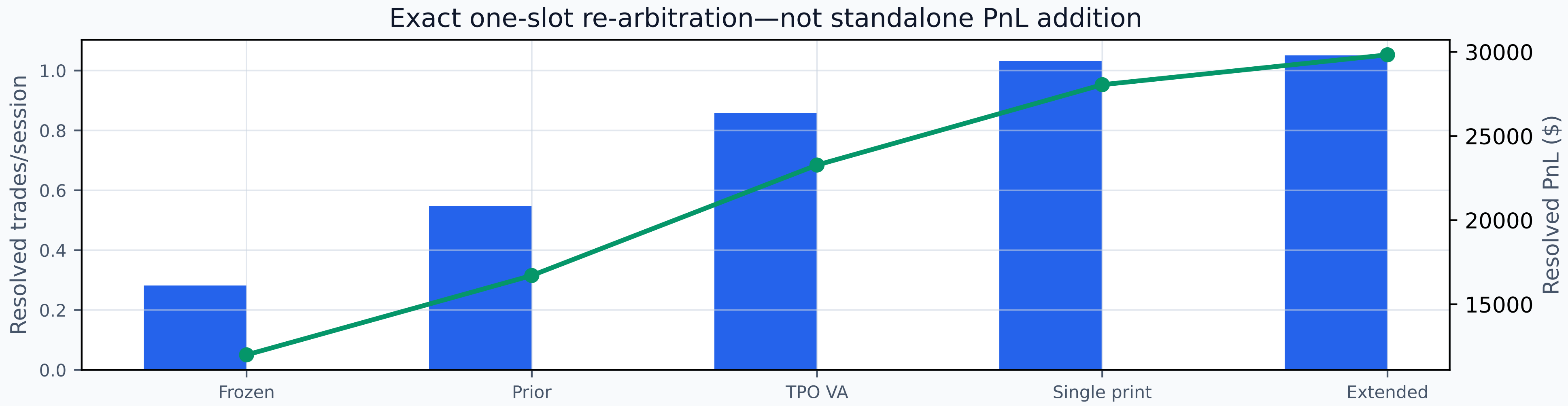
Exact portfolio behavior

- One global NQ slot; deterministic signal/entry/candidate/signal/trade ordering; existing position wins; equal-terminal arrivals are blocked.
- Censored owners retain capacity and unknown economics. Rejected overlaps are never deferred. Standalone sleeve P&Ls are never arithmetically summed.
- TBBO supports top-of-book and aggressive-trade proxies only — no queue position, depth, genuine deep sweep, hidden order, or participant claim.

Cumulative breadth frontier

Frequency rises from 0.282 to 1.050 resolved trades per calendar session while historical net rises

Portfolio	Trades	Net	EV	PF	Tr/day	Active	Green cal	DD
Frozen AVP3 + TPC	73	$11,994	$164	2.34	0.28	22.9%	10.3%	$858
+ Prior value	142	$16,711	$118	1.90	0.55	40.4%	18.4%	$1,499
+ TPO value	222	$23,276	$105	1.74	0.86	51.2%	23.0%	$2,196
+ Single print	267	$28,051	$105	1.68	1.03	57.2%	27.6%	$2,400
+ Profile extreme	272	$29,826	$110	1.71	1.05	57.4%	28.9%	$2,400



Chronology and controls

Positive development, validation, and final-design panels; all are now inspected design evidence

Period	Trades	PnL	EV	PF	Tr/session	Green active	DD
development	100	$8,370	$83.70	1.54	0.962	42.9%	$1,734
validation	120	$17,495	$145.79	1.98	1.132	55.6%	$2,400
Final-design	52	$3,961	$76.17	1.47	1.061	51.9%	$1,707

Sleeve	Real PnL	Control PnL	Difference	Specificity
Prior RTH VA direct	$5,108	-$1,602	$6,710	Not established
Overnight TPO VA FFRE	$7,333	$374	$6,959	Not established
TPO single-print flip	$3,794	$2,277	$1,517	Not established
TPO profile extreme	$1,505	-$1,965	$3,470	Not established

Critical caveat: the TPO value-edge and single-print reflected controls are also profitable. The trigger/state may carry edge; exact level specificity is not proven.

Annual moving-block Monte Carlo

10,000 paths · 252 sessions · original non-circular 10-session blocks · 242 shared known sessions

TERMINAL MEAN	TERMINAL P05	MEDIAN DD	DD P95
$28,650	**$16,389**	**$3,273**	**$5,548**
one NQ	lower-path quantile	daily-close blocks	daily-close blocks

Metric	Result
Terminal positive	99.98%
P(DD ≥ $2k)	98.2%
P(DD ≥ $3k)	61.2%
Trades/session P05–P95	0.952–1.270
Active sessions P05–P95	51.6%–65.1%
Green calendar P05–P95	26.2%–35.7%

Interpretation: annual historical resampling is strongly positive, but daily-close drawdown above $2,000 is common. Blocks preserve local dependence but cannot create unseen regimes or prospective validation.

Prop-program proxy and decision

Generic fixed-EOD research rules—not an official firm simulation, authorization, or payout promise

EVAL PASS	FIRST PAYOUT	MEAN NET CASH	NET CASH P05
95.7%	**99.1%**	**$6,078**	**$2,202**
Prior10 evaluation sleeve	stage-aware program	one 252-session program	fees included

Metric	Result
Mean evaluation attempts	1.178
Ever funded	99.98%
Mean funded failures	0.128
Mean payouts	4.025
Mean gross payout cash	$7,986
Mean fees	$1,109
Median net cash	$6,051
Profitable-program rate	99.09%

Current diagnostic policy: use the lower-risk Prior10 union during evaluation, then the extended breadth portfolio after the generic funded transition. This is a research allocation hypothesis only.

Decision, limitations, and next evidence

The historical result is promising; the strategy is not ready for trading

What the evidence supports

- Historical one-slot portfolio: $29,826,109.65$ EV, PF 1.712, 1.050 trades/session.
- Active known-session coverage is 57.4%; green known-calendar rate is 28.9%. One trade/session is an average, not literal daily coverage.
- Long, short, every historical contract, and 11 of 13 months were profitable; additional $80/trade friction remained positive.

What it does not support

- No untouched holdout, no proven exact-level specificity for every added sleeve, no intraday trailing-drawdown reconstruction, and no ProjectX TBBO live reproducibility.
- No strategy here is an execution plugin or practice-authorized. Funded/live trading remains impossible.

Preregistered forward gate

- At least 60 new sessions and 30 resolved trades overall, with at least five per retained sleeve; no parameter changes.
- Positive trade/opportunity-day lower confidence bounds, PF ≥ 1.25, positive cost stress, predeclared drawdown limit, and improved/explainable control separation.
- Future frequency must come from independent causal intraday level universes —not by loosening profitable frozen sleeves.