

PV Labs Matchday Audit Review

Dates

Mar 06 - Mar 08

ROI - How profitable are we on locked plays?

We placed 17 locked plays for 19.50 units and returned -7.27 units, for an ROI of -37.28%.

Model vs Market Influence - Did the market move toward the model across the cycle?

MMI prints at 50.00% this cycle, measuring how often close moved toward model fair from open.

Closing Line Value (CLV) - Did we get a better price than the market for our tickets?

CLV ratio (tickets beating close) is 41.18%, with an average ticket-vs-close edge of -1.91%.

Brier Score - Range of accuracy across all matches and leagues

Brier score is 0.1631 on the non-draw set. Lower is better and reflects calibration quality from DNB-derived probabilities.

Accuracy Rate - Hit rate across all matches and leagues

Accuracy across settled locked plays: 28.57% (4/14).

Model-side alignment diagnostic: 84.62% (22/26).

What Went Wrong / What Disproved Our Model (matches of note)

- **Saudi Pro League | Al Hilal vs Al Najma** - We took the away side at a modeled edge of 87.60%, but the outcome pushed against our prior. This is a reminder that even strong pre-match separation can be overturned by match-state volatility, finishing variance, and game-script shocks. Net xGOT lens: Al Hilal net xGOT 1.36, efficiency ratio 0.91, prevention ratio -0.27 | Al Najma net xGOT -2.98, efficiency ratio 0.59, prevention ratio -0.19. Ticket result: loss (-0.50u).
- **MLS | Sporting Kansas City vs San Diego** - We took the home side at a modeled edge of 45.25%, but the outcome pushed against our prior. This is a reminder that even strong pre-match separation can be overturned by match-state volatility, finishing variance, and game-script shocks. Net xGOT lens: Sporting Kansas City net xGOT -0.41, efficiency ratio 1.86, prevention ratio -0.12 | San Diego net xGOT 1.71, efficiency ratio 1.44, prevention ratio 1.00. Ticket result: loss (-1.50u).
- **MLS | LAFC vs Dallas** - We took the away side at a modeled edge of 45.00%, but the outcome pushed against our prior. This is a reminder that even strong pre-match separation can be overturned by match-state volatility, finishing variance, and game-script shocks. Net xGOT lens: LAFC net xGOT 1.05, efficiency ratio 1.10, prevention ratio 1.00 | Dallas net xGOT 0.13, efficiency ratio 0.96, prevention ratio -0.05. Ticket result: loss (-0.50u).
- **MLS | Portland Timbers vs Vancouver Whitecaps FC** - We took the home side at a modeled edge of

38.38%, but the outcome pushed against our prior. This is a reminder that even strong pre-match separation can be overturned by match-state volatility, finishing variance, and game-script shocks. Net xGOT lens: Portland Timbers net xGOT -1.45, efficiency ratio 1.17, prevention ratio -0.04 | Vancouver Whitecaps FC net xGOT 2.06, efficiency ratio 1.22, prevention ratio 0.32. Ticket result: loss (-1.50u).

What Went Right / What Affirmed Our Model (matches of note)

- **J.League | Fagiano Okayama FC vs Kyoto Sanga** - The home side signal held, and the market miss was validated on-field. With 29.06% pre-match divergence, this fixture affirmed our weighting balance across finishing, progression, and defensive control. Net xGOT lens: Fagiano Okayama FC net xGOT 0.25, efficiency ratio n/a, prevention ratio 0.76 | Kyoto Sanga net xGOT 0.50, efficiency ratio n/a, prevention ratio 0.80. Ticket result: profit (2.43u).

- **MLS | Colorado Rapids vs LA Galaxy** - The home side signal held, and the market miss was validated on-field. With 23.65% pre-match divergence, this fixture affirmed our weighting balance across finishing, progression, and defensive control. Net xGOT lens: Colorado Rapids net xGOT 0.30, efficiency ratio 1.09, prevention ratio 0.27 | LA Galaxy net xGOT 1.14, efficiency ratio 1.36, prevention ratio -0.55. Ticket result: profit (1.25u).

- **Saudi Pro League | Al Khaleej vs Al Hazm** - The home side signal held, and the market miss was validated on-field. With 19.69% pre-match divergence, this fixture affirmed our weighting balance across finishing, progression, and defensive control. Net xGOT lens: Al Khaleej net xGOT -0.32, efficiency ratio 1.23, prevention ratio 0.05 | Al Hazm net xGOT -1.50, efficiency ratio 1.01, prevention ratio 0.22. Ticket result: profit (0.52u).

- **J.League | FC Tokyo vs Yokohama F. Marinos** - The home side signal held, and the market miss was validated on-field. With 12.50% pre-match divergence, this fixture affirmed our weighting balance across finishing, progression, and defensive control. Net xGOT lens: FC Tokyo net xGOT 2.00, efficiency ratio n/a, prevention ratio 0.69 | Yokohama F. Marinos net xGOT -2.25, efficiency ratio n/a, prevention ratio 0.53. Ticket result: profit (0.53u).

Outliers to Talk About / Potential Model Improvements

- **MLS | New York City 5-0 Orlando City SC** | goal margin 5 | locked edge 25.19% | Net xGOT lens: New York City net xGOT 1.59, efficiency ratio 1.23, prevention ratio 0.06 | Orlando City SC net xGOT -2.04, efficiency ratio 1.51, prevention ratio -0.09.

- **Saudi Pro League | Al Hilal 4-0 Al Najma** | goal margin 4 | locked edge 87.60% | Net xGOT lens: Al Hilal net xGOT 1.36, efficiency ratio 0.91, prevention ratio -0.27 | Al Najma net xGOT -2.98, efficiency ratio 0.59, prevention ratio -0.19.

- **MLS | Portland Timbers 1-4 Vancouver Whitecaps FC** | goal margin 3 | locked edge 38.38% | Net xGOT lens: Portland Timbers net xGOT -1.45, efficiency ratio 1.17, prevention ratio -0.04 | Vancouver Whitecaps FC net xGOT 2.06, efficiency ratio 1.22, prevention ratio 0.32.

- **MLS | Colorado Rapids 4-1 LA Galaxy** | goal margin 3 | locked edge 23.65% | Net xGOT lens: Colorado Rapids net xGOT 0.30, efficiency ratio 1.09, prevention ratio 0.27 | LA Galaxy net xGOT 1.14, efficiency ratio 1.36, prevention ratio -0.55.

- Potential improvement: tighten edge-size confidence bands in leagues where high-delta losses cluster.

Season Figures

- ROI: **-24.83%**
- Accuracy Rate: **29.41%**
- CLV Ratio: **35.00%**
- MMI % (Model vs Market Influence Ratio): **55.77%**

League Specific ROI

- A-League: ROI **-66.67%** (-1.00u on 1.50u)
- J.League: ROI **43.56%** (1.96u on 4.50u)
- K-League 1: ROI **n/a%** (0.00u on 0.00u)
- MLS: ROI **-75.00%** (-8.25u on 11.00u)
- Saudi Pro League: ROI **0.80%** (0.02u on 2.50u)

Backtest-Verified League Thresholds

- A-League: value_threshold_pct = **12.00%**
- J.League: value_threshold_pct = **12.00%**
- K-League 1: value_threshold_pct = **12.00%**
- MLS: value_threshold_pct = **22.00%**
- Saudi Pro League: value_threshold_pct = **10.00%**

Why We Use DNB / AH 0.0

We use Draw No Bet / AH 0.0 because it is cleaner to model than 1X2, reduces bookmaker overround distortion, and gives a more stable base for fair-vs-market comparisons.

Links

- Website: <https://www.pitchvaluelabs.com>
- Hub: <https://www.pitchvaluelabs.com/hub>
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