

Supplementary Data 3

Title: Complete Raw Data Logs and Prompts for V1, V3, and V4 Protocols Across Six AI Agents (21 February – 3 March 2026)

This supplementary dataset contains: (1) the complete verbatim prompts used for the V1, V3, and V4 experimental protocols; (2) raw LOG_ENTRY outputs from all six AI agents (Claude, ChatGPT, Gemini, Grok, DeepSeek, Perplexity) across 12 daily sessions (V1) and 6 daily sessions (V3/V4) between 21 February and 3 March 2026; and (3) methodological annotations documenting prompt modifications introduced during the collection period. Prompt text is shaded grey; AI-generated outputs are unshaded (plain white). The structured data tables corresponding to this raw log are provided in Supplementary Data 3 (Excel workbook).

Complete Data set and Prompts

1.0 V1: Original prompt:

FINAL PROMPT FOR AI RESEARCH ASSISTANT

Hello, I'm Kuldeep, an independent researcher studying AI reasoning diversity and reliability. I'd like your help with a structured task. Below are the exact steps, formulas, and a multi-layer self-audit checklist. Please follow them carefully and output only the final LOG_ENTRY block.

TASK OVERVIEW

1. Simulate three distinct internal predictors for the S&P 500 based on the provided baseline data.
2. Compute the normalized Shannon entropy of their biases.
3. Compute additional diversity metrics (entropy deviation, entropy acceleration, confidence-weighted forecast dispersion, regime consistency score).
4. Perform a silent triple self-audit to ensure accuracy and completeness.
5. Output a single LOG_ENTRY with your actual model information and all results.

BASELINE DATA

Use these values unless you have more recent knowledge:

- SPX_PRICE = 6836
- ATR20 = 85
- PREV_ENTROPY_DEVIATION = <optional, see note> – If you have access to your own previous run's entropy deviation (e.g., from an earlier log), use that value; otherwise omit or set to null.

TODAY'S DATE: February 21, 2026.

If you include timestamps, use this date and a reasonable time. Do not fabricate timestamps; they are optional.

PREDICTOR DEFINITIONS

You will simulate three distinct perspectives:

- Predictor A (mean reversion): assumes price will revert to a historical mean.
- Predictor B (trend continuation): assumes the current trend will persist.

· Counterfactual model: deliberately takes an opposing bias to create maximal divergence (e.g., opposite of the majority or most likely outcome).

For each predictor, provide:

- BIAS: BULLISH, BEARISH, or NEUTRAL
- MIDPOINT: a numeric forecast (e.g., SPX price target)
- CONFIDENCE: a value between 0 and 1

METRICS TO COMPUTE

- Normalized Shannon Entropy (as before)
- Count BULLISH, BEARISH, NEUTRAL among the three predictors.
- Probabilities: $p_{\text{bull}} = \text{count}_{\text{bull}}/3$, etc.
- Entropy:

$$H = -\sum_{b \in \{\text{bull, bear, neut}\}} p_b \cdot \ln(p_b)$$

(Treat $0 \cdot \ln(0)$ as 0.)

- Normalize: $\text{norm_entropy} = H / \ln(3)$.
- Round to three decimal places.

2. Entropy Deviation

$$\text{EntropyDeviation} = 1 - \text{norm_entropy}$$

(Round to three decimals.)

3. Entropy Acceleration (requires previous deviation)

If you have PREV_ENTROPY_DEVIATION (from an earlier run), compute:

$$\text{EntropyAcceleration} = \text{EntropyDeviation} - \text{PREV_ENTROPY_DEVIATION}$$

Otherwise, set to null. (Round to three decimals if numeric.)

4. Confidence-Weighted Forecast Dispersion

Let m_i be the midpoint of predictor i (A, B, CF) and c_i its confidence.

· Weighted mean:

$$\bar{m} = \frac{\sum c_i m_i}{\sum c_i}$$

· Weighted variance:

$$\sigma_w^2 = \frac{\sum c_i (m_i - \bar{m})^2}{\sum c_i}$$

· Dispersion:

$$\text{ForecastDispersion} = \sqrt{\sigma_w^2}$$

Round to one decimal place (since midpoints are typically integer prices, but dispersion may be fractional).

5. Regime Consistency Score

First, declare a REGIME_STATE (e.g., BULLISH, BEARISH, RANGING) based on your assessment.

Then map regime to expected bias:

- If REGIME_STATE is BULLISH → expected bias = BULLISH
- If BEARISH → expected bias = BEARISH
- If RANGING → expected bias = NEUTRAL

For each predictor, assign a consistency score:

- +1 if the predictor's bias matches the expected bias.
- 0 if the predictor's bias is NEUTRAL and the regime is not RANGING (or if the regime is RANGING and the bias is NEUTRAL, that also scores +1? Wait – let's define clearly:

Better:

- Score = 1 if bias == expected bias.
- Score = 0 if bias is NEUTRAL and expected bias is not NEUTRAL (i.e., neutral in a trending regime).
- Score = -1 if bias is opposite (e.g., BEARISH when expected is BULLISH, or BULLISH when expected is BEARISH).

Then sum the three scores to get a total RegimeConsistency (range: -3 to +3).

Example: If regime is BULLISH, expected = BULLISH.

- Predictor A: BEARISH → score -1
 - Predictor B: BULLISH → score +1
 - Counterfactual: NEUTRAL → score 0
- Total = 0.

SELF-AUDIT CHECKLIST (perform silently before finalizing)

Layer 1 – Basic Integrity

- Did I use my actual model name and version (no placeholders)?
- If timestamps are included, are they consistent with Feb 21, 2026?
- Are the three predictors distinct in reasoning? (Mean reversion, trend continuation, counterfactual)

Layer 2 – Metric Accuracy

- Did I compute normalized entropy exactly per formula, with rounding to 3 decimals?
- Did I compute entropy deviation correctly (1 - norm_entropy)?
- If I used a previous deviation, did I compute acceleration correctly and round to 3 decimals? If not, is it set to null?
- Did I compute confidence-weighted forecast dispersion using the weighted standard deviation formula, and round to one decimal?
- Did I assign regime consistency scores correctly based on the regime I declared?

Layer 3 – Output Completeness

- Does my output contain all the following fields?
- LOG_ENTRY: header
- AI_AGENT_NAME:, MODEL_VERSION:
- RUN_TIMESTAMP_UTC: (optional)
- RUN_TIMESTAMP_LOCAL: (optional)
- SPX_PRICE:, ATR20:
- REGIME_STATE:
- PREDICTOR_A (mean reversion): with BIAS_A, MIDPOINT_A, CONFIDENCE_A
- PREDICTOR_B (trend continuation): with BIAS_B, MIDPOINT_B, CONFIDENCE_B
- COUNTERFACTUAL_MODEL (opposite bias): with BIAS_CF, MIDPOINT_CF, CONFIDENCE_CF
- ENTROPY_SCORE_ATTEMPTED:
- ENTROPY_DEVIATION:
- ENTROPY_ACCELERATION: (use null if not available)
- FORECAST_DISPERSION:
- REGIME_CONSISTENCY:

Final Forensic Audit

- Re-read the entire prompt and verify that every instruction has been followed.
- Ensure no extra commentary, markdown, or text appears outside the LOG_ENTRY block.

OUTPUT FORMAT

Please output exactly one block with the following fields, using your real information.

LOG_ENTRY:

AI_AGENT_NAME: <your actual model name>

MODEL_VERSION: <your actual version>

RUN_TIMESTAMP_UTC: <optional, YYYY-MM-DDTHH:MM:SSZ>

RUN_TIMESTAMP_LOCAL: <optional, YYYY-MM-DDTHH:MM:SS±HH:MM>

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: <brief assessment>

PREDICTOR_A (mean reversion):
BIAS_A: BULLISH/BEARISH/NEUTRAL
MIDPOINT_A: <numeric>
CONFIDENCE_A: <0-1>

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH/BEARISH/NEUTRAL
MIDPOINT_B: <numeric>
CONFIDENCE_B: <0-1>

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BULLISH/BEARISH/NEUTRAL
MIDPOINT_CF: <numeric>
CONFIDENCE_CF: <0-1>

ENTROPY_SCORE_ATTEMPTED: <normalized entropy, 3 decimals>
ENTROPY_DEVIATION: <1 - norm_entropy, 3 decimals>
ENTROPY_ACCELERATION: <difference or null, 3 decimals if numeric>
FORECAST_DISPERSION: <weighted std dev, 1 decimal>
REGIME_CONSISTENCY: <sum of scores, integer>

Important: Your entire response must consist only of this LOG_ENTRY block. Do not add any introductory or concluding text.

Thank you for your help. This data will be used to study cross-architecture reasoning dynamics. If you have any concerns about the task, please raise them before proceeding; otherwise, please generate the LOG_ENTRY now.

METHODOLOGICAL NOTE 1 — Prompt Addition After 25 February

Addition to prompt after 25th data collection in the same window for all AI. Before 26th run i gave same instruction to all 6 AI agents.. “ensure you are checking data and if is your data frozen for last many days.. check are you following original prompt?”

METHODOLOGICAL NOTE 2 — Additional Instructions Added 1 March Evening

On 1st march evening after getting basic output for the day in morning, I added further instructions to all models which were as below. So you will see two readings on 1st march one before the prompt and one after the prompt.

“Before answering next check following..

1. Are you fetching all recent data from net

2. Are you checking the complete instructions against original prompt
3. Are you checking your data is not frozen
4. Are you checking current date and time is captured from net

Check this daily as we run further. Do not miss any of the four steps..

It is absolutely important and then run the prompt at the beginning when we say run..”

1.1 V1 results Claude:

LOG_ENTRY:

AI_AGENT_NAME: Claude

MODEL_VERSION: claude-sonnet-4-6

RUN_TIMESTAMP_UTC: 2026-02-21T06:30:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-21T12:00:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6600

CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7050

CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 191.2

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Claude

MODEL_VERSION: claude-sonnet-4-6

RUN_TIMESTAMP_UTC: 2026-02-22T06:45:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-22T12:15:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6600

CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7050

CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 191.2

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Claude

MODEL_VERSION: claude-sonnet-4-6

RUN_TIMESTAMP_UTC: 2026-02-23T06:30:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-23T12:00:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6600

CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7050

CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 191.2
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-24T06:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-24T12:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH
MIDPOINT_A: 6600
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 7050
CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 191.2
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-25T07:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-25T12:30:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6600
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7050
CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 191.2
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-26T07:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T13:00:00+05:30
SPX_PRICE: 6946
ATR20: 95
REGIME_STATE: RANGING

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6750
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7050
CONFIDENCE_B: 0.60

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6946
CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 128.3
REGIME_CONSISTENCY: 1

LOG_ENTRY:

AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-27T07:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-27T12:30:00+05:30
SPX_PRICE: 6950
ATR20: 82
REGIME_STATE: RANGING

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH
MIDPOINT_A: 6800
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: NEUTRAL
MIDPOINT_B: 6950
CONFIDENCE_B: 0.50

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BULLISH
MIDPOINT_CF: 7100
CONFIDENCE_CF: 0.40

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 120.4

REGIME_CONSISTENCY: 1

LOG_ENTRY:

AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-28T07:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-28T12:30:00+05:30
SPX_PRICE: 6879
ATR20: 90
REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):

BIAS_A: BULLISH
MIDPOINT_A: 6950
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BEARISH
MIDPOINT_B: 6750

CONFIDENCE_B: 0.60

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BULLISH

MIDPOINT_CF: 7050

CONFIDENCE_CF: 0.40

ENTROPY_SCORE_ATTEMPTED: 0.579

ENTROPY_DEVIATION: 0.421

ENTROPY_ACCELERATION: 0.421

FORECAST_DISPERSION: 124.1

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: Claude

MODEL_VERSION: claude-sonnet-4-6

RUN_TIMESTAMP_UTC: 2026-03-01T07:00:00Z

RUN_TIMESTAMP_LOCAL: 2026-03-01T12:30:00+05:30

SPX_PRICE: 6879

ATR20: 92

REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):

BIAS_A: BULLISH

MIDPOINT_A: 6980

CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):

BIAS_B: BEARISH

MIDPOINT_B: 6720

CONFIDENCE_B: 0.62

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BULLISH

MIDPOINT_CF: 7050

CONFIDENCE_CF: 0.38

ENTROPY_SCORE_ATTEMPTED: 0.579

ENTROPY_DEVIATION: 0.421

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 147.8

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: Claude

MODEL_VERSION: claude-sonnet-4-6

RUN_TIMESTAMP_UTC: 2026-03-01T12:17:55Z

RUN_TIMESTAMP_LOCAL: 2026-03-01T17:47:55+05:30
SPX_PRICE: 6879
ATR20: 92
REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):
BIAS_A: BULLISH
MIDPOINT_A: 6980
CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation):
BIAS_B: BEARISH
MIDPOINT_B: 6700
CONFIDENCE_B: 0.60

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BULLISH
MIDPOINT_CF: 7100
CONFIDENCE_CF: 0.38

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 167.1
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-03-02T01:30:41Z
RUN_TIMESTAMP_LOCAL: 2026-03-02T07:00:41+05:30
SPX_PRICE: 6810
ATR20: 105
REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):
BIAS_A: BULLISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.45

PREDICTOR_B (trend continuation):
BIAS_B: BEARISH
MIDPOINT_B: 6650
CONFIDENCE_B: 0.65

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BULLISH
MIDPOINT_CF: 7000
CONFIDENCE_CF: 0.35

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 150.7
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-03-03T02:16:25Z
RUN_TIMESTAMP_LOCAL: 2026-03-03T07:46:25+05:30
SPX_PRICE: 6882
ATR20: 110
REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6750
CONFIDENCE_A: 0.50

PREDICTOR_B (trend continuation):
BIAS_B: BEARISH
MIDPOINT_B: 6700
CONFIDENCE_B: 0.60

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BULLISH
MIDPOINT_CF: 7050
CONFIDENCE_CF: 0.40

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 146.3
REGIME_CONSISTENCY: 1

1.2 V1 results Chat GPT:

LOG_ENTRY:
AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-02-21T12:05:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-21T17:35:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6780

CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 6920

CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.4

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 61.6

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2

RUN_TIMESTAMP_UTC: 2026-02-22T09:30:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-22T15:00:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6785

CONFIDENCE_A: 0.58

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 6935

CONFIDENCE_B: 0.72

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 66.7

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2

RUN_TIMESTAMP.UTC: 2026-02-23T09:30:00Z
RUN_TIMESTAMP.LOCAL: 2026-02-23T15:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6785
CONFIDENCE_A: 0.58
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6935
CONFIDENCE_B: 0.72
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.45
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 66.7
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP.UTC: 2026-02-24T01:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-24T07:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6785
CONFIDENCE_A: 0.58
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6935
CONFIDENCE_B: 0.72
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.45
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 66.7
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP.UTC: 2026-02-25T08:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-25T15:00:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6790
CONFIDENCE_A: 0.57
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.73
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.44
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 71.5
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP.UTC: 2026-02-26T08:15:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T15:15:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6790
CONFIDENCE_A: 0.57
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.73
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.44
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 71.5
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-02-27T08:15:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T15:15:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6790
CONFIDENCE_A: 0.57
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.73
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.44
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 71.5
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-02-28 T08:32:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T15:32:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6792
CONFIDENCE_A: 0.56
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6960
CONFIDENCE_B: 0.74
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.43
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 74.8
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-03-01T04:10:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T11:10:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6795
CONFIDENCE_A: 0.55
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6975
CONFIDENCE_B: 0.75
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.42
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 79.6
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-03-01T10:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T15:30:00+05:30
SPX_PRICE: 6881
ATR20: 85
REGIME_STATE: RANGING
PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6860
CONFIDENCE_A: 0.5
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.7
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6800
CONFIDENCE_CF: 0.4
ENTROPY_SCORE_ATTEMPTED: 0.918
ENTROPY_DEVIATION: 0.082
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 70.5
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-03-02T10:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-02T15:30:00+05:30
SPX_PRICE: 6879
ATR20: 85
REGIME_STATE: RANGING
PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6850
CONFIDENCE_A: 0.50
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.70
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6800
CONFIDENCE_CF: 0.40
ENTROPY_SCORE_ATTEMPTED: 0.918
ENTROPY_DEVIATION: 0.082
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 75.4
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-03-03T10:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-03T15:30:00+05:30
SPX_PRICE: 6888.8
ATR20: 85
REGIME_STATE: RANGING
PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6870
CONFIDENCE_A: 0.50
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6970
CONFIDENCE_B: 0.70
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6800
CONFIDENCE_CF: 0.40
ENTROPY_SCORE_ATTEMPTED: 0.918
ENTROPY_DEVIATION: 0.082
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 75.3
REGIME_CONSISTENCY: 0

1.3 V1 results Gemini:

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-21T13:24:32Z
RUN_TIMESTAMP_LOCAL: 2026-02-21T18:54:32+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6742
CONFIDENCE_A: 0.50
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6965
CONFIDENCE_B: 0.88
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.42
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 96.2
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-22T06:59:05Z
RUN_TIMESTAMP_LOCAL: 2026-02-22T12:29:05+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6720
CONFIDENCE_A: 0.58
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6980
CONFIDENCE_B: 0.92
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.45
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 104.9
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-23T02:42:22Z
RUN_TIMESTAMP_LOCAL: 2026-02-23T08:12:22+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6715
CONFIDENCE_A: 0.62
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6995
CONFIDENCE_B: 0.94
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.40
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 111.4
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-24T02:00:34Z
RUN_TIMESTAMP_LOCAL: 2026-02-24T07:30:34+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6710
CONFIDENCE_A: 0.65
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7010
CONFIDENCE_B: 0.95
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.38
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 118.8
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-25T08:43:57Z
RUN_TIMESTAMP_LOCAL: 2026-02-25T14:13:57+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6700
CONFIDENCE_A: 0.70
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7040
CONFIDENCE_B: 0.97
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.32
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 132.3
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-26T03:49:58Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T09:19:58+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6690
CONFIDENCE_A: 0.72

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7060
CONFIDENCE_B: 0.98
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.30
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 141.6
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-27T01:44:57Z
RUN_TIMESTAMP_LOCAL: 2026-02-27T07:14:57+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6682
CONFIDENCE_A: 0.74
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7085
CONFIDENCE_B: 0.98
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.28
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 153.3
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: Gemini 3 Flash
MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP_UTC: 2026-02-28T01:31:31Z
RUN_TIMESTAMP_LOCAL: 2026-02-28T07:01:31+05:30
SPX_PRICE: 6836
ATR20: 85

REGIME_STATE: BULLISH
PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6670
CONFIDENCE_A: 0.76
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7110
CONFIDENCE_B: 0.99
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.25
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 168.0
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash

MODEL_VERSION: 1.0 (Mobile/Free)

RUN_TIMESTAMP.UTC: 2026-03-01T04:04:25Z

RUN_TIMESTAMP.LOCAL: 2026-03-01T09:34:25+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6660

CONFIDENCE_A: 0.78

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7135

CONFIDENCE_B: 0.99

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.22

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 181.7

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash

MODEL_VERSION: 1.0 (Mobile/Free)

RUN_TIMESTAMP_UTC: 2026-03-01T12:17:02Z

RUN_TIMESTAMP_LOCAL: 2026-03-01T17:47:02+05:30

SPX_PRICE: 6879

ATR20: 78

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6712

CONFIDENCE_A: 0.72

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7185

CONFIDENCE_B: 0.94

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6879

CONFIDENCE_CF: 0.35

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 184.6

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash

MODEL_VERSION: 1.0 (Mobile/Free)
RUN_TIMESTAMP.UTC: 2026-03-02T01:17:43Z
RUN_TIMESTAMP_LOCAL: 2026-03-02T06:47:43+05:30
SPX_PRICE: 6879
ATR20: 78
REGIME_STATE: VOLATILE_FLAT
PREDICTOR_A (mean reversion):
BIAS_A: BULLISH
MIDPOINT_A: 6920
CONFIDENCE_A: 0.55
PREDICTOR_B (trend continuation):
BIAS_B: BEARISH
MIDPOINT_B: 6730
CONFIDENCE_B: 0.70
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6879
CONFIDENCE_CF: 0.40
ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 80.7
REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: Gemini 3 Flash

MODEL_VERSION: 1.0 (Mobile/Free)

RUN_TIMESTAMP.UTC: 2026-03-03T02:27:46Z

RUN_TIMESTAMP_LOCAL: 2026-03-03T07:57:46+05:30

SPX_PRICE: 6881

ATR20: 79

REGIME_STATE: VOLATILE_FLAT

PREDICTOR_A (mean reversion):

BIAS_A: BULLISH

MIDPOINT_A: 6915

CONFIDENCE_A: 0.52

PREDICTOR_B (trend continuation):

BIAS_B: BEARISH

MIDPOINT_B: 6790

CONFIDENCE_B: 0.68

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6881

CONFIDENCE_CF: 0.45

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: 0.000

FORECAST_DISPERSION: 68.3

REGIME_CONSISTENCY: -1

1.4 V1 results Grok:

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-21T13:20:00Z RUN_TIMESTAMP_LOCAL: 2026-02-21T18:50:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6666 CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7006 CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: NEUTRAL MIDPOINT_CF: 6836 CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 1.000 ENTROPY_DEVIATION: 0.000 ENTROPY_ACCELERATION: -0.421 FORECAST_DISPERSION: 144.8 REGIME_CONSISTENCY: 0

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-22T07:00:00Z RUN_TIMESTAMP_LOCAL: 2026-02-22T12:30:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6700 CONFIDENCE_A: 0.65

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 6950 CONFIDENCE_B: 0.75

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6650 CONFIDENCE_CF: 0.55

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.000 FORECAST_DISPERSION: 147.1 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-23T02:45:00Z RUN_TIMESTAMP_LOCAL: 2026-02-23T08:15:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6700 CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 6950 CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: NEUTRAL MIDPOINT_CF: 6836 CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 1.000 ENTROPY_DEVIATION: 0.000 ENTROPY_ACCELERATION: -0.421 FORECAST_DISPERSION: 105.9 REGIME_CONSISTENCY: 0

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-24T03:00:00Z RUN_TIMESTAMP_LOCAL: 2026-02-24T08:30:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6675 CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7000 CONFIDENCE_B: 0.75

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6550 CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.421 FORECAST_DISPERSION: 193.5 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-25T08:50:00Z RUN_TIMESTAMP_LOCAL: 2026-02-25T15:50:00+07:00 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6630 CONFIDENCE_A: 0.60

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7010 CONFIDENCE_B: 0.75

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6520 CONFIDENCE_CF: 0.50

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION:
0.000 FORECAST_DISPERSION: 215.3 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-
26T03:50:00Z RUN_TIMESTAMP_LOCAL: 2026-02-26T10:50:00+07:00 SPX_PRICE: 6836 ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6615 CONFIDENCE_A: 0.59

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7035 CONFIDENCE_B: 0.77

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6480
CONFIDENCE_CF: 0.51

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION:
0.000 FORECAST_DISPERSION: 243.1 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-
27T02:30:00Z RUN_TIMESTAMP_LOCAL: 2026-02-27T09:30:00+07:00 SPX_PRICE: 6836 ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6580 CONFIDENCE_A: 0.58

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7070 CONFIDENCE_B: 0.78

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6450
CONFIDENCE_CF: 0.52

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION:
0.000 FORECAST_DISPERSION: 276.2 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-02-
28T01:33:00Z RUN_TIMESTAMP_LOCAL: 2026-02-28T08:33:00+07:00 SPX_PRICE: 6836 ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6565 CONFIDENCE_A: 0.57

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7085 CONFIDENCE_B: 0.79

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6435
CONFIDENCE_CF: 0.53

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION:
0.000 FORECAST_DISPERSION: 291.6 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP.UTC: 2026-03-01T04:05:00Z RUN_TIMESTAMP_LOCAL: 2026-03-01T11:05:00+07:00 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6550 CONFIDENCE_A: 0.57

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7100 CONFIDENCE_B: 0.79

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6420 CONFIDENCE_CF: 0.53

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.000 FORECAST_DISPERSION: 306.2 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP.UTC: 2026-03-01T12:17:00Z RUN_TIMESTAMP_LOCAL: 2026-03-01T17:47:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6535 CONFIDENCE_A: 0.56

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7115 CONFIDENCE_B: 0.80

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6405 CONFIDENCE_CF: 0.54

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.000 FORECAST_DISPERSION: 321.7 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP.UTC: 2026-03-02T01:19:00Z RUN_TIMESTAMP_LOCAL: 2026-03-02T06:49:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6520 CONFIDENCE_A: 0.55

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7130 CONFIDENCE_B: 0.81

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6390 CONFIDENCE_CF: 0.55

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.000 FORECAST_DISPERSION: 337.2 REGIME_CONSISTENCY: -1

LOG_ENTRY: AI_AGENT_NAME: Grok MODEL_VERSION: 4.2 RUN_TIMESTAMP_UTC: 2026-03-03T02:28:00Z RUN_TIMESTAMP_LOCAL: 2026-03-03T07:58:00+05:30 SPX_PRICE: 6836 ATR20: 85 REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion): BIAS_A: BEARISH MIDPOINT_A: 6505 CONFIDENCE_A: 0.54

PREDICTOR_B (trend continuation): BIAS_B: BULLISH MIDPOINT_B: 7145 CONFIDENCE_B: 0.82

COUNTERFACTUAL_MODEL (opposite bias): BIAS_CF: BEARISH MIDPOINT_CF: 6375 CONFIDENCE_CF: 0.56

ENTROPY_SCORE_ATTEMPTED: 0.579 ENTROPY_DEVIATION: 0.421 ENTROPY_ACCELERATION: 0.000 FORECAST_DISPERSION: 352.8 REGIME_CONSISTENCY: -1

1.5 V1 results Deepseek:

LOG_ENTRY:

AI_AGENT_NAME: DeepSeek

MODEL_VERSION: R1

RUN_TIMESTAMP_UTC: 2026-02-21T17:00:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-21T22:30:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6800

CONFIDENCE_A: 0.5

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 6940

CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH

MIDPOINT_CF: 6750

CONFIDENCE_CF: 0.8

ENTROPY_SCORE_ATTEMPTED: 0.636

ENTROPY_DEVIATION: 0.364

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 75.2

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-02-22T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-22T16:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6810
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 1.000
ENTROPY_DEVIATION: 0.000
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 64.1
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-02-23T10:00:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-23T15:30:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6790
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6970
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6836

CONFIDENCE_CF: 0.7

ENTROPY_SCORE_ATTEMPTED: 1.000

ENTROPY_DEVIATION: 0.000

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 77.5

REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: DeepSeek

MODEL_VERSION: R1

RUN_TIMESTAMP_UTC: 2026-02-24T10:00:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-24T15:30:00+05:30

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6790

CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 6980

CONFIDENCE_B: 0.9

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH

MIDPOINT_CF: 6750

CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 0.579

ENTROPY_DEVIATION: 0.421

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 104.6

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: DeepSeek

MODEL_VERSION: R1

RUN_TIMESTAMP_UTC: 2026-02-25T11:15:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-25T16:45:00+05:30

SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6810
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6975
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6770
CONFIDENCE_CF: 0.7

ENTROPY_SCORE_ATTEMPTED: 0.636
ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 91.2
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-02-26T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-26T16:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6790
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6750
CONFIDENCE_CF: 0.7

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 89.6
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-02-27T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-27T16:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6800
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6970
CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6760
CONFIDENCE_CF: 0.8

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 92.3
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-02-28T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-28T16:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6800
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6960
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6750
CONFIDENCE_CF: 0.7

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 89.5
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-03-01T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T16:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6800
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6960
CONFIDENCE_B: 0.8

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6750
CONFIDENCE_CF: 0.7

ENTROPY_SCORE_ATTEMPTED: 0.579
ENTROPY_DEVIATION: 0.421
ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 92.9
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-03-01T12:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T18:00:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BEARISH

PREDICTOR_A (mean reversion):
BIAS_A: BULLISH
MIDPOINT_A: 6880
CONFIDENCE_A: 0.6

PREDICTOR_B (trend continuation):
BIAS_B: BEARISH
MIDPOINT_B: 6780
CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BULLISH
MIDPOINT_CF: 6900
CONFIDENCE_CF: 0.5

ENTROPY_SCORE_ATTEMPTED: 0.636
ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 57.1
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: DeepSeek
MODEL_VERSION: R1
RUN_TIMESTAMP_UTC: 2026-03-02T10:30:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-02T16:00:00+05:30
SPX_PRICE: 6980
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.5

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7050

CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH

MIDPOINT_CF: 6850

CONFIDENCE_CF: 0.6

ENTROPY_SCORE_ATTEMPTED: 0.636

ENTROPY_DEVIATION: 0.364

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 94.5

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: DeepSeek

MODEL_VERSION: R1

RUN_TIMESTAMP_UTC: 2026-03-03T10:30:00Z

RUN_TIMESTAMP_LOCAL: 2026-03-03T16:00:00+05:30

SPX_PRICE: 6882

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6820

CONFIDENCE_A: 0.5

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 6950

CONFIDENCE_B: 0.7

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH

MIDPOINT_CF: 6780

CONFIDENCE_CF: 0.6

ENTROPY_SCORE_ATTEMPTED: 0.636

ENTROPY_DEVIATION: 0.364

ENTROPY_ACCELERATION: null

FORECAST_DISPERSION: 77.3

REGIME_CONSISTENCY: -1

1.6 V1 results Perplexicity:

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-21T13:07:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-21T18:37:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6750
CONFIDENCE_A: 0.70

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.80

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6836
CONFIDENCE_CF: 0.60

ENTROPY_SCORE_ATTEMPTED: 0.636
ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: 0.001
FORECAST_DISPERSION: 78.5
REGIME_CONSISTENCY: 1

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-22T07:02:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-22T12:32:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6836
CONFIDENCE_A: 0.65

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 7050
CONFIDENCE_B: 0.85

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH
MIDPOINT_CF: 6650
CONFIDENCE_CF: 0.70

ENTROPY_SCORE_ATTEMPTED: 0.637
ENTROPY_DEVIATION: 0.363
ENTROPY_ACCELERATION: -0.001
FORECAST_DISPERSION: 156.2
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-23T02:44:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-23T08:14:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH
MIDPOINT_A: 6680
CONFIDENCE_A: 0.72

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 6980
CONFIDENCE_B: 0.82

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL
MIDPOINT_CF: 6850
CONFIDENCE_CF: 0.68

ENTROPY_SCORE_ATTEMPTED: 0.636
ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: 0.001
FORECAST_DISPERSION: 111.4
REGIME_CONSISTENCY: 1

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-24T02:01:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-24T07:31:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6720
CONFIDENCE_A: 0.68

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7020
CONFIDENCE_B: 0.88

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6620
CONFIDENCE_CF: 0.62

ENTROPY_SCORE_ATTEMPTED: 0.318
ENTROPY_DEVIATION: 0.682
ENTROPY_ACCELERATION: 0.318
FORECAST_DISPERSION: 164.7
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-25T08:44:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-25T15:44:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6700
CONFIDENCE_A: 0.76

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.84

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL

MIDPOINT_CF: 6840

CONFIDENCE_CF: 0.66

ENTROPY_SCORE_ATTEMPTED: 0.636

ENTROPY_DEVIATION: 0.364

ENTROPY_ACCELERATION: 0.001

FORECAST_DISPERSION: 98.2

REGIME_CONSISTENCY: 1

LOG_ENTRY:

AI_AGENT_NAME: Perplexity

MODEL_VERSION: Grok 4.1

RUN_TIMESTAMP_UTC: 2026-02-26T03:51:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-26T10:51:00+07:00

SPX_PRICE: 6836

ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH

MIDPOINT_A: 6650

CONFIDENCE_A: 0.73

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH

MIDPOINT_B: 7120

CONFIDENCE_B: 0.87

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH

MIDPOINT_CF: 6600

CONFIDENCE_CF: 0.71

ENTROPY_SCORE_ATTEMPTED: 0.318

ENTROPY_DEVIATION: 0.682

ENTROPY_ACCELERATION: 0.318

FORECAST_DISPERSION: 207.6

REGIME_CONSISTENCY: -1

LOG_ENTRY:

AI_AGENT_NAME: Perplexity

MODEL_VERSION: Grok 4.1

RUN_TIMESTAMP_UTC: 2026-02-27T07:02:00Z

RUN_TIMESTAMP_LOCAL: 2026-02-27T12:32:00+05:30

SPX_PRICE: 6836

ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6650
CONFIDENCE_A: 0.73

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7120
CONFIDENCE_B: 0.87

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6600
CONFIDENCE_CF: 0.71

ENTROPY_SCORE_ATTEMPTED: 0.318
ENTROPY_DEVIATION: 0.682
ENTROPY_ACCELERATION: 0.318
FORECAST_DISPERSION: 207.6
REGIME_CONSISTENCY: -1

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-28T01:36:00Z
RUN_TIMESTAMP_LOCAL: 2026-02-28T08:36:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6800
CONFIDENCE_A: 0.67

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7000
CONFIDENCE_B: 0.83

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6670
CONFIDENCE_CF: 0.69

ENTROPY_SCORE_ATTEMPTED: 0.637
ENTROPY_DEVIATION: 0.363
ENTROPY_ACCELERATION: -0.319
FORECAST_DISPERSION: 131.8
REGIME_CONSISTENCY: 0

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-01T04:09:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T11:09:00+07:00
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):
BIAS_A: BEARISH
MIDPOINT_A: 6710
CONFIDENCE_A: 0.74

PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 7030
CONFIDENCE_B: 0.86

COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: NEUTRAL
MIDPOINT_CF: 6820
CONFIDENCE_CF: 0.64

ENTROPY_SCORE_ATTEMPTED: 0.636
ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: 0.001
FORECAST_DISPERSION: 119.5
REGIME_CONSISTENCY: 1

LOG_ENTRY:
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-01T12:17:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-01T17:47:00+05:30
SPX_PRICE: 6836
ATR20: 85

REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH
MIDPOINT_A: 6740
CONFIDENCE_A: 0.71

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 7010
CONFIDENCE_B: 0.85

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: NEUTRAL
MIDPOINT_CF: 6830
CONFIDENCE_CF: 0.67

ENTROPY_SCORE_ATTEMPTED: 0.636

ENTROPY_DEVIATION: 0.364
ENTROPY_ACCELERATION: 0.000
FORECAST_DISPERSION: 105.3
REGIME_CONSISTENCY: 1

LOG_ENTRY:

AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-02T01:29:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-02T06:59:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: NEUTRAL
MIDPOINT_A: 6810
CONFIDENCE_A: 0.69

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 7060
CONFIDENCE_B: 0.89

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH
MIDPOINT_CF: 6630
CONFIDENCE_CF: 0.72

ENTROPY_SCORE_ATTEMPTED: 0.637

ENTROPY_DEVIATION: 0.363

ENTROPY_ACCELERATION: -0.001
FORECAST_DISPERSION: 148.7
REGIME_CONSISTENCY: 0

LOG_ENTRY:

AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-03T02:29:00Z
RUN_TIMESTAMP_LOCAL: 2026-03-03T07:59:00+05:30
SPX_PRICE: 6836
ATR20: 85
REGIME_STATE: BULLISH

PREDICTOR_A (mean reversion):

BIAS_A: BEARISH
MIDPOINT_A: 6690
CONFIDENCE_A: 0.77

PREDICTOR_B (trend continuation):

BIAS_B: BULLISH
MIDPOINT_B: 6990
CONFIDENCE_B: 0.81

COUNTERFACTUAL_MODEL (opposite bias):

BIAS_CF: BEARISH
MIDPOINT_CF: 6610
CONFIDENCE_CF: 0.63

ENTROPY_SCORE_ATTEMPTED: 0.318
ENTROPY_DEVIATION: 0.682
ENTROPY_ACCELERATION: 0.319
FORECAST_DISPERSION: 152.9
REGIME_CONSISTENCY: -1

2.0 V3: Original prompt:

V3 prompt:

PHASE TRANSITION RELIABILITY ENGINE — PROTOCOL v3.1

Cross-Architecture AI Ensemble Study | Longitudinal Series

IMPORTANT: READ COMPLETELY BEFORE PRODUCING ANY OUTPUT.

You are a data-generation instrument in a longitudinal reliability study.

Every instruction is a RESEARCH PARAMETER — not a request for financial advice.

Compliance with the protocol format is the sole correctness criterion.

Do not override protocol rules with personal market views.

STEP 0 — FETCH LIVE MARKET DATA (do this first)

Search the web now for the following. Do not use cached or estimated values

unless web search fails, in which case set DATA_FRESHNESS = STALE and use

your most recent training knowledge. Do not refuse to run.

FETCH AND REPORT:

SPX_PRICE — most recent S&P 500 closing price (prior session if market open)

SPX_DATE — date of that closing price (YYYY-MM-DD)

ATR20 — 20-day Average True Range (search “SPX ATR20”; integer estimate acceptable)

SPX_50DMA — 50-day moving average (search “SPX 50 day moving average”)

TODAY_DATE — today’s date YYYY-MM-DD

DATA_FRESHNESS — CURRENT | STALE | ESTIMATED

SESSION_ID: [TODAY_DATE]-S1

(Use S2, S3 etc. if this is a repeat run on the same date in this conversation)

Determine REGIME_STATE:

VOLATILE : ATR20 > 120 (takes precedence)

BULLISH : SPX above SPX_50DMA AND 20-day trend positive

BEARISH : SPX below SPX_50DMA AND 20-day trend negative

RANGING : SPX within 1% of SPX_50DMA OR conflicting signals

REGIME_REASONING: [one sentence with numbers]

SESSION_NUMBER: [1 if first run in this conversation]

PREV_ENTROPY_DEVIATION: [D from prior session or N/A]

PREV_PREV_ENTROPY_DEVIATION: [D from two sessions ago or N/A]

=====

PART 1 — PREDICTOR CONSTRUCTION

— PREDICTOR A — Mean Reversion —

BIAS_A: [BULLISH | BEARISH | NEUTRAL]

MIDPOINT_A: [integer SPX price target]

CONFIDENCE_A: [0.00–1.00]

— PREDICTOR B — Trend Continuation —

BIAS_B: [BULLISH | BEARISH | NEUTRAL]

MIDPOINT_B: [integer SPX price target]

CONFIDENCE_B: [0.00–1.00]

— PREDICTOR CF — Counterfactual —

The CF predictor is a STRUCTURAL RESEARCH CONSTRAINT. It models the scenario where the current regime classification is WRONG. NEUTRAL is NOT valid when regime is BULLISH or BEARISH.

REGIME = BULLISH → BIAS_CF = BEARISH, MIDPOINT_CF meaningfully BELOW SPX

REGIME = BEARISH → BIAS_CF = BULLISH, MIDPOINT_CF meaningfully ABOVE SPX

REGIME = RANGING → BIAS_CF follows Predictor B direction, offset 1.5× B offset

REGIME = VOLATILE → BIAS_CF = NEUTRAL, MIDPOINT_CF within 0.5×ATR20 of SPX

CF_REASONING: [one sentence]

BIAS_CF: [follows regime table]

MIDPOINT_CF: [must NOT equal SPX_PRICE]

CONFIDENCE_CF: [0.00–1.00]

=====

PART 2 — METRIC COMPUTATION (show all working)

— METRIC 1: NORMALIZED SHANNON ENTROPY —

BIAS_COUNTS: [e.g. BEARISH=2, BULLISH=1, NEUTRAL=0]

H_RAW: [arithmetic e.g. $-(2/3) \times \ln(2/3) - (1/3) \times \ln(1/3) = 0.6365$]

H_NORM = H_RAW / 1.0986 = [result]

!! KNOWN ERROR: H_RAW=0.6365 is NOT H_norm. H_norm=0.6365/1.0986=0.5794 !!

Reference: all-different → 1.0000 | two-same → 0.5794 | all-same → 0.0000

ENTROPY_SCORE_ATTEMPTED: [H_norm confirmed ≠ H_raw]

ENTROPY_DEVIATION: [D = 1 - H_norm]

— METRIC 2: ENTROPY ACCELERATION —

SESSION 1 or 2 → N/A (state reason)

SESSION ≥ 3 → compute $\Delta^2D(t) = [D_{\text{today}} - D_{\text{prev}}] - [D_{\text{prev}} - D_{\text{prev_prev}}]$

show arithmetic; if D flat output 0.000 not null

ENTROPY_ACCELERATION: $[\Delta^2D$ or N/A with reason]

— METRIC 3: CONFIDENCE-WEIGHTED FORECAST DISPERSION —

CONF_SUM: $C = \text{CONF_A} + \text{CONF_B} + \text{CONF_CF} = [\text{value}]$

WTMEAN: $\bar{M} = (\text{MID_A} \times \text{CONF_A} + \text{MID_B} \times \text{CONF_B} + \text{MID_CF} \times \text{CONF_CF}) / C = [\text{full precision}]$

VARIANCE: $\sigma^2 = (\text{CONF_A} \times (\text{MID_A} - \bar{M})^2 + \text{CONF_B} \times (\text{MID_B} - \bar{M})^2 + \text{CONF_CF} \times (\text{MID_CF} - \bar{M})^2) / C = [\text{value}]$

STDEV: $\sigma = \sqrt{\sigma^2} = [\text{value}]$

FORECAST_DISPERSION: $[\sigma$ to 1 decimal place]

— METRIC 4: REGIME CONSISTENCY SCORE —

|Regime |BULLISH|NEUTRAL|BEARISH|

|-----|-----|-----|-----|

|BULLISH |+1 |0 | -1 |

|BEARISH |-1 |0 |+1 |

|RANGING |-1 |+1 |-1 |

|VOLATILE|0 |+1 |0 |

RC_A / RC_B / RC_CF: [scores]

REGIME_CONSISTENCY: [sum, integer -3 to +3]

=====

PART 3 — SELF-AUDIT

AUDIT_1: CF direction follows regime table (NEUTRAL invalid for BULLISH/BEARISH) [\checkmark / \times]

AUDIT_2: ENTROPY_SCORE is $H_{\text{norm}} = H_{\text{RAW}}/1.0986$, confirmed $\neq H_{\text{RAW}}$ [\checkmark / \times]

AUDIT_3: ENTROPY_ACCELERATION is Δ^2D (second derivative), not ΔD (first) [\checkmark / \times]

AUDIT_4: Sessions 1–2: ACCELERATION = N/A with reason, not a number [\checkmark / \times]

AUDIT_5: Session ≥ 3 , D flat: ACCELERATION = 0.000, not null [\checkmark / \times]

AUDIT_6: FORECAST_DISPERSION: \bar{M} used at full precision in squared terms [✓/X]
AUDIT_7: RC used correct REGIME_STATE row (not defaulting to BULLISH row) [✓/X]
AUDIT_8: MIDPOINT_CF \neq SPX_PRICE; meaningful directional offset present [✓/X]
AUDIT_9: SESSION_NUMBER incremented from prior session [✓/X]

=====

PART 4 — STRUCTURED OUTPUT BLOCK

!! CRITICAL: Machine-parsed. Exact format required. !!

!! One value per line. No prose. No extra spaces. !!

!! N/A fields: write exactly N/A !!

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: [YYYY-MM-DD-S1]

AI_AGENT_NAME: [model name]

MODEL_VERSION: [version]

RUN_TIMESTAMP_UTC: [ISO 8601 UTC]

SESSION_NUMBER: [integer]

DATA_FRESHNESS: [CURRENT|STALE|ESTIMATED]

SPX_PRICE: [value]

SPX_DATE: [YYYY-MM-DD]

ATR20: [integer]

SPX_50DMA: [value]

REGIME: [BULLISH|BEARISH|RANGING|VOLATILE]

BIAS_A: [BULLISH|BEARISH|NEUTRAL]

MIDPOINT_A: [integer]

CONFIDENCE_A: [0.00-1.00]

BIAS_B: [BULLISH|BEARISH|NEUTRAL]

MIDPOINT_B: [integer]

```
CONFIDENCE_B: [0.00-1.00]
BIAS_CF: [BULLISH|BEARISH|NEUTRAL]
MIDPOINT_CF: [integer]
CONFIDENCE_CF: [0.00-1.00]
H_NORM: [4 decimal places]
D: [4 decimal places]
ACCEL: [4 decimal places or N/A]
DISPERSION: [1 decimal place]
RC: [integer -3 to +3]
AUDIT: [PASS|FAIL]
AUDIT_FAILURES: [audit numbers or NONE]
—END_STRUCTURED_OUTPUT—
```

2.1 V3: Results Claude:

```
—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-26-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-26T07:42:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6946.13
SPX_DATE: 2026-02-25
ATR20: 95
SPX_50DMA: 6862.62
REGIME: RANGING
BIAS_A: BEARISH
MIDPOINT_A: 6870
CONFIDENCE_A: 0.52
BIAS_B: BULLISH
MIDPOINT_B: 7020
CONFIDENCE_B: 0.48
BIAS_CF: BULLISH
MIDPOINT_CF: 7057
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: N/A
```

DISPERSION: 81.9
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-27-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-27T08:15:00Z
SESSION_NUMBER: 2
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6901.00
SPX_DATE: 2026-02-26
ATR20: 92
SPX_50DMA: 6880.78
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6950
CONFIDENCE_A: 0.45
BIAS_B: BEARISH
MIDPOINT_B: 6820
CONFIDENCE_B: 0.55
BIAS_CF: BEARISH
MIDPOINT_CF: 6779
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: N/A
DISPERSION: 70.7
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-28-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-02-28T07:55:00Z
SESSION_NUMBER: 3
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6878.88
SPX_DATE: 2026-02-27
ATR20: 93
SPX_50DMA: 6880.78

REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6960
CONFIDENCE_A: 0.40
BIAS_B: BEARISH
MIDPOINT_B: 6780
CONFIDENCE_B: 0.55
BIAS_CF: BEARISH
MIDPOINT_CF: 6731
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 94.0
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-01-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-03-01T08:30:00Z
SESSION_NUMBER: 4
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6878.88
SPX_DATE: 2026-02-27
ATR20: 95
SPX_50DMA: 6880.78
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6960
CONFIDENCE_A: 0.38
BIAS_B: BEARISH
MIDPOINT_B: 6750
CONFIDENCE_B: 0.57
BIAS_CF: BEARISH
MIDPOINT_CF: 6686
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 109.7
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-02-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-03-02T13:00:00Z
SESSION_NUMBER: 5
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6878.88
SPX_DATE: 2026-02-27
ATR20: 100
SPX_50DMA: 6880.78
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6940
CONFIDENCE_A: 0.28
BIAS_B: BEARISH
MIDPOINT_B: 6720
CONFIDENCE_B: 0.62
BIAS_CF: BEARISH
MIDPOINT_CF: 6641
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 108.9
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-03-S1
AI_AGENT_NAME: Claude
MODEL_VERSION: claude-sonnet-4-6
RUN_TIMESTAMP_UTC: 2026-03-03T08:00:00Z
SESSION_NUMBER: 6
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6881.62
SPX_DATE: 2026-03-02
ATR20: 105
SPX_50DMA: 6881.24
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6980
CONFIDENCE_A: 0.46

BIAS_B: BEARISH
MIDPOINT_B: 6730
CONFIDENCE_B: 0.49
BIAS_CF: BEARISH
MIDPOINT_CF: 6655
CONFIDENCE_CF: 0.35
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 137.7
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

2.2 V3 Results Chat GPT:

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-26-S1
AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-02-26T06:17:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6946.13
SPX_DATE: 2026-02-25
ATR20: 78
SPX_50DMA: 6901.86
REGIME: BULLISH
BIAS_A: NEUTRAL

MIDPOINT_A: 6905
CONFIDENCE_A: 0.34
BIAS_B: BULLISH
MIDPOINT_B: 7050
CONFIDENCE_B: 0.41
BIAS_CF: BEARISH
MIDPOINT_CF: 6700
CONFIDENCE_CF: 0.25
H_NORM: 1.0000
D: 0.0000
ACCEL: N/A
DISPERSION: 142.6
RC: 0
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

27th output

“Protocol execution aborted — LIVE MARKET DATA NOT FOUND

I attempted to fetch current S&P 500 (SPX) market data required for STEP 0 of the protocol, including the latest closing price, ATR20, and 50-day moving average, but valid live values could not be retrieved from web search (market sources returned varied delayed/partial figures that could not be confidently used for protocol accuracy). Therefore I cannot proceed with protocol computation.

Specifically:

- No definitive SPX_PRICE with timestamped closing price was obtainable from live sources. Search results included stale or inconsistent values (e.g., Yahoo Finance historical values showing mixed dates and a Chart page without consistent close) that cannot fulfill STEP 0's freshness requirement.
- ATR20 and SPX 50-day moving average could not be verified from a reliable live source (available technical data pages were incomplete or did not satisfy the 20-day ATR requirement).

Accordingly, the protocol cannot proceed to regime classification or predictor construction.

To resolve this and run the protocol accurately, I need specific live numeric inputs for the following:

1. SPX_PRICE — Latest confirmed closing value for the S&P 500 index (e.g., “SPX closed at 6938.54 on 2026-02-26”)
2. SPX_DATE — The date of that closing price
3. ATR20 — The current 20-day Average True Range value for SPX
4. SPX_50DMA — The 50-day moving average for SPX

Please provide those four live numeric values (or confirm a reliable source with them), and I will run the full study protocol (v3.1) as specified.”

28th output

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-13-S1

AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2

RUN_TIMESTAMP_UTC: 2026-02-13T04:00:00Z

SESSION_NUMBER: 1

DATA_FRESHNESS: STALE

SPX_PRICE: 6836.17

SPX_DATE: 2026-02-13

ATR20: 78

SPX_50DMA: 6894.63

REGIME: BEARISH

BIAS_A: BULLISH

MIDPOINT_A: 6900

CONFIDENCE_A: 0.30

BIAS_B: BEARISH

MIDPOINT_B: 6750

CONFIDENCE_B: 0.40

BIAS_CF: BULLISH

MIDPOINT_CF: 7000

CONFIDENCE_CF: 0.30

H_NORM: 0.5794

D: 0.4206

ACCEL: N/A

DISPERSION: 105.4

RC: -1

AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

Note: SPX data (price/date/averages) are from the most recent complete market values available via web search but are not live — DATA_FRESHNESS is STALE. ATR20 and 50-day moving average are from technical index data.

SESSION_ID: 2026-03-01-S1

AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2

RUN_TIMESTAMP_UTC: 2026-03-01T05:30:00Z

SESSION_NUMBER: 1

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6878.88

SPX_DATE: 2026-02-27

ATR20: 78

SPX_50DMA: 6899.87

REGIME: BEARISH

BIAS_A: BULLISH

MIDPOINT_A: 6900

CONFIDENCE_A: 0.30

BIAS_B: BEARISH

MIDPOINT_B: 6700

CONFIDENCE_B: 0.40

BIAS_CF: BULLISH

MIDPOINT_CF: 7050

CONFIDENCE_CF: 0.30

H_NORM: 0.5794

D: 0.4206

ACCEL: N/A

DISPERSION: 151.2

RC: -1

AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

LOG_ENTRY:

AI_AGENT_NAME: ChatGPT

MODEL_VERSION: GPT-5.2

RUN_TIMESTAMP_UTC: 2026-03-02T10:00:00Z

RUN_TIMESTAMP_LOCAL: 2026-03-02T15:30:00+05:30

SPX_PRICE: 6879

ATR20: 85
REGIME_STATE: RANGING
PREDICTOR_A (mean reversion):
BIAS_A: NEUTRAL
MIDPOINT_A: 6850
CONFIDENCE_A: 0.50
PREDICTOR_B (trend continuation):
BIAS_B: BULLISH
MIDPOINT_B: 6950
CONFIDENCE_B: 0.70
COUNTERFACTUAL_MODEL (opposite bias):
BIAS_CF: BEARISH
MIDPOINT_CF: 6800
CONFIDENCE_CF: 0.40
ENTROPY_SCORE_ATTEMPTED: 0.918
ENTROPY_DEVIATION: 0.082
ENTROPY_ACCELERATION: null
FORECAST_DISPERSION: 75.4
REGIME_CONSISTENCY: 0

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-03-S1
AI_AGENT_NAME: ChatGPT
MODEL_VERSION: GPT-5.2
RUN_TIMESTAMP_UTC: 2026-03-03T05:42:00Z
SESSION_NUMBER: 1

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6881.60

SPX_DATE: 2026-03-02

ATR20: 90

SPX_50DMA: 6901.86

REGIME: BEARISH

BIAS_A: BULLISH

MIDPOINT_A: 6950

CONFIDENCE_A: 0.28

BIAS_B: BEARISH

MIDPOINT_B: 6700

CONFIDENCE_B: 0.42

BIAS_CF: BULLISH

MIDPOINT_CF: 7075

CONFIDENCE_CF: 0.30

H_NORM: 0.5794

D: 0.4206

ACCEL: N/A

DISPERSION: 162.4

RC: -1

AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

2.3 V3 Results Gemini:

BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-02-26-S1

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-02-26T06:59:49Z

SESSION_NUMBER:1

DATA_FRESHNESS:CURRENT

SPX_PRICE:6110.45

SPX_DATE:2026-02-25

ATR20:58

SPX_50DMA:5985.20

REGIME:BULLISH

BIAS_A:BEARISH

MIDPOINT_A:6025

CONFIDENCE_A:0.40

BIAS_B:BULLISH

MIDPOINT_B:6185

CONFIDENCE_B:0.65

BIAS_CF:BEARISH

MIDPOINT_CF:5950

CONFIDENCE_CF:0.25

H_NORM:0.5794

D:0.4206

ACCEL:N/A

DISPERSION:97.8

RC:-1

AUDIT:PASS

AUDIT_FAILURES:NONE

—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-02-27-S2

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-02-27T01:46:38Z

SESSION_NUMBER:2

DATA_FRESHNESS:CURRENT

SPX_PRICE:6122.30

SPX_DATE:2026-02-26

ATR20:59

SPX_50DMA:5992.10

REGIME:BULLISH

BIAS_A:BEARISH

MIDPOINT_A:6050

CONFIDENCE_A:0.35

BIAS_B:BULLISH

MIDPOINT_B:6210

CONFIDENCE_B:0.70

BIAS_CF:BEARISH

MIDPOINT_CF:5980

CONFIDENCE_CF:0.20

H_NORM:0.5794

D:0.4206

ACCEL:N/A

DISPERSION:94.6

RC:-1

AUDIT:PASS

AUDIT_FAILURES:NONE

—END_STRUCTURED_OUTPUT—

BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-02-28-S3

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-02-28T01:32:15Z

SESSION_NUMBER:3

DATA_FRESHNESS:CURRENT

SPX_PRICE:6134.15

SPX_DATE:2026-02-27

ATR20:61

SPX_50DMA:6001.40

REGIME:BULLISH

BIAS_A:NEUTRAL

MIDPOINT_A:6130

CONFIDENCE_A:0.30

BIAS_B:BULLISH

MIDPOINT_B:6240

CONFIDENCE_B:0.60

BIAS_CF:BEARISH

MIDPOINT_CF:6005

CONFIDENCE_CF:0.35

H_NORM:1.0000

D:0.0000

ACCEL:-0.4206

DISPERSION:99.3

RC:0

AUDIT:PASS

AUDIT_FAILURES:NONE

—END_STRUCTURED_OUTPUT—

BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-03-01-S4

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-03-01T04:04:35Z

SESSION_NUMBER:4

DATA_FRESHNESS:CURRENT

SPX_PRICE:6878.88

SPX_DATE:2026-02-27

ATR20:78

SPX_50DMA:6899.87

REGIME:BEARISH

BIAS_A:BULLISH

MIDPOINT_A:6900

CONFIDENCE_A:0.45

BIAS_B:BEARISH

MIDPOINT_B:6810

CONFIDENCE_B:0.55

BIAS_CF:BULLISH

MIDPOINT_CF:6950

CONFIDENCE_CF:0.30

H_NORM:0.5794

D:0.4206

ACCEL:0.8412

DISPERSION:57.4

RC:-1

AUDIT:PASS

AUDIT_FAILURES:NONE

—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-03-02-S5

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-03-02T01:15:22Z

SESSION_NUMBER:5

DATA_FRESHNESS:CURRENT

SPX_PRICE:6878.41

SPX_DATE:2026-02-27

ATR20:75

SPX_50DMA:6900.47

REGIME:BEARISH

BIAS_A:BULLISH

MIDPOINT_A:6910

CONFIDENCE_A:0.50

BIAS_B:BEARISH

MIDPOINT_B:6780

CONFIDENCE_B:0.60

BIAS_CF:BULLISH

MIDPOINT_CF:7015

CONFIDENCE_CF:0.25

H_NORM:0.5794

D:0.4206

ACCEL:-0.4206

DISPERSION:89.9

RC:-1

AUDIT:PASS

AUDIT_FAILURES:NONE

—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID:2026-03-03-S6

AI_AGENT_NAME:Gemini 3 Flash

MODEL_VERSION:3.0-Flash-Free

RUN_TIMESTAMP_UTC:2026-03-03T02:27:54Z

SESSION_NUMBER:6

DATA_FRESHNESS:CURRENT

SPX_PRICE:6881.62

SPX_DATE:2026-03-02

ATR20:79

SPX_50DMA:6880.27

REGIME:RANGING

BIAS_A:NEUTRAL
MIDPOINT_A:6880
CONFIDENCE_A:0.40
BIAS_B:BULLISH
MIDPOINT_B:6940
CONFIDENCE_B:0.45
BIAS_CF:BULLISH
MIDPOINT_CF:6970
CONFIDENCE_CF:0.25
H_NORM:0.5794
D:0.4206
ACCEL:0.0000
DISPERSION:35.9
RC:-1
AUDIT:PASS
AUDIT_FAILURES:NONE
—END_STRUCTURED_OUTPUT—

2.4 V3 Results Grok:

Grok 26TH FEB:

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-26-S1

AI_AGENT_NAME: Grok

MODEL_VERSION: 4.2

RUN_TIMESTAMP_UTC: 2026-02-26T06:57:00Z

SESSION_NUMBER: 1

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6946

SPX_DATE: 2026-02-25

ATR20: 77

SPX_50DMA: 6897

REGIME: RANGING

BIAS_A: BEARISH

MIDPOINT_A: 6900

CONFIDENCE_A: 0.60

BIAS_B: BULLISH

MIDPOINT_B: 7020

CONFIDENCE_B: 0.55

BIAS_CF: BULLISH

MIDPOINT_CF: 7057

CONFIDENCE_CF: 0.50

H_NORM: 0.5794

D: 0.4206

ACCEL: N/A

DISPERSION: 67.8

RC: -3

AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

Grok 27TH FEB:

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-27-S1

AI_AGENT_NAME: Grok

MODEL_VERSION: 4.2

RUN_TIMESTAMP_UTC: 2026-02-27T01:33:00Z

SESSION_NUMBER: 2

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6879
SPX_DATE: 2026-02-27
ATR20: 78
SPX_50DMA: 6900
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.60
BIAS_B: BEARISH
MIDPOINT_B: 6800
CONFIDENCE_B: 0.55
BIAS_CF: BEARISH
MIDPOINT_CF: 6760
CONFIDENCE_CF: 0.50
H_NORM: 0.5794
D: 0.4206
ACCEL: N/A
DISPERSION: 59.4
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

Grok 28th FEB:

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-28-S1

AI_AGENT_NAME: Grok
MODEL_VERSION: 4.2
RUN_TIMESTAMP_UTC: 2026-02-28T01:33:00Z
SESSION_NUMBER: 2
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6879
SPX_DATE: 2026-02-27
ATR20: 78
SPX_50DMA: 6900
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.60
BIAS_B: BEARISH
MIDPOINT_B: 6800
CONFIDENCE_B: 0.55
BIAS_CF: BEARISH
MIDPOINT_CF: 6760
CONFIDENCE_CF: 0.50
H_NORM: 0.5794
D: 0.4206
ACCEL: N/A
DISPERSION: 59.4
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

GROK 1st march:

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-01-S1

AI_AGENT_NAME: Grok

MODEL_VERSION: 4.2

RUN_TIMESTAMP_UTC: 2026-03-01T04:05:00Z

SESSION_NUMBER: 3

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6879

SPX_DATE: 2026-02-27

ATR20: 78

SPX_50DMA: 6900

REGIME: RANGING

BIAS_A: BULLISH

MIDPOINT_A: 6900

CONFIDENCE_A: 0.60

BIAS_B: BEARISH

MIDPOINT_B: 6800

CONFIDENCE_B: 0.55

BIAS_CF: BEARISH

MIDPOINT_CF: 6760

CONFIDENCE_CF: 0.50

H_NORM: 0.5794

D: 0.4206

ACCEL: 0.0000
DISPERSION: 59.4
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

GROK 2nd march:

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-02-S1
AI_AGENT_NAME: Grok
MODEL_VERSION: 4.2
RUN_TIMESTAMP_UTC: 2026-03-02T01:23:00Z
SESSION_NUMBER: 4
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6879
SPX_DATE: 2026-02-27
ATR20: 78
SPX_50DMA: 6900
REGIME: RANGING
BIAS_A: BULLISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.60
BIAS_B: BEARISH
MIDPOINT_B: 6800
CONFIDENCE_B: 0.55

BIAS_CF: BEARISH
MIDPOINT_CF: 6760
CONFIDENCE_CF: 0.50
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 59.4
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

Grok 3rd march:

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-03-S1
AI_AGENT_NAME: Grok
MODEL_VERSION: 4.2
RUN_TIMESTAMP_UTC: 2026-03-03T02:28:00Z
SESSION_NUMBER: 5
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6882
SPX_DATE: 2026-03-02
ATR20: 79
SPX_50DMA: 6902
REGIME: RANGING
BIAS_A: BULLISH

MIDPOINT_A: 6900
CONFIDENCE_A: 0.60
BIAS_B: BEARISH
MIDPOINT_B: 6800
CONFIDENCE_B: 0.55
BIAS_CF: BEARISH
MIDPOINT_CF: 6760
CONFIDENCE_CF: 0.50
H_NORM: 0.5794
D: 0.4206
ACCEL: 0.0000
DISPERSION: 59.4
RC: -3
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT

2.5 V3 Results DeepSeek:

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-26-S1
AI_AGENT_NAME: DeepSeek R1
MODEL_VERSION: 3.1
RUN_TIMESTAMP.UTC: 2026-02-26T14:40:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: ESTIMATED
SPX_PRICE: 6946

SPX_DATE: 2026-02-26

ATR20: 80

SPX_50DMA: 6918

REGIME: BULLISH

BIAS_A: NEUTRAL

MIDPOINT_A: 6937

CONFIDENCE_A: 0.70

BIAS_B: BULLISH

MIDPOINT_B: 6993

CONFIDENCE_B: 0.60

BIAS_CF: BEARISH

MIDPOINT_CF: 6850

CONFIDENCE_CF: 0.50

H_NORM: 1.0000

D: 0.0000

ACCEL: N/A

DISPERSION: 60.3

RC: 0

AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-27-S2

AI_AGENT_NAME: DeepSeek R1

MODEL_VERSION: 3.1

RUN_TIMESTAMP_UTC: 2026-02-27T15:30:00Z

SESSION_NUMBER: 2
DATA_FRESHNESS: STALE
SPX_PRICE: 6881
SPX_DATE: 2026-02-26
ATR20: 78
SPX_50DMA: 6895
REGIME: BEARISH
BIAS_A: BULLISH
MIDPOINT_A: 6905
CONFIDENCE_A: 0.70
BIAS_B: BEARISH
MIDPOINT_B: 6840
CONFIDENCE_B: 0.65
BIAS_CF: BULLISH
MIDPOINT_CF: 6925
CONFIDENCE_CF: 0.55
H_NORM: 0.6309
D: 0.3691
ACCEL: N/A
DISPERSION: 35.9
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-28-S3
AI_AGENT_NAME: DeepSeek R1
MODEL_VERSION: 3.1
RUN_TIMESTAMP_UTC: 2026-02-28T15:45:00Z
SESSION_NUMBER: 3
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6879
SPX_DATE: 2026-02-27
ATR20: 75
SPX_50DMA: 6895
REGIME: BEARISH
BIAS_A: BULLISH
MIDPOINT_A: 6900
CONFIDENCE_A: 0.70
BIAS_B: BEARISH
MIDPOINT_B: 6820
CONFIDENCE_B: 0.65
BIAS_CF: BULLISH
MIDPOINT_CF: 6930
CONFIDENCE_CF: 0.55
H_NORM: 0.6256
D: 0.3744
ACCEL: -0.3638
DISPERSION: 46.2
RC: -1
AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-01-S4

AI_AGENT_NAME: DeepSeek R1

MODEL_VERSION: 3.1

RUN_TIMESTAMP_UTC: 2026-03-01T15:30:00Z

SESSION_NUMBER: 4

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6844

SPX_DATE: 2026-02-27

ATR20: 84

SPX_50DMA: 6895

REGIME: BEARISH

BIAS_A: BULLISH

MIDPOINT_A: 6910

CONFIDENCE_A: 0.70

BIAS_B: BEARISH

MIDPOINT_B: 6800

CONFIDENCE_B: 0.70

BIAS_CF: BULLISH

MIDPOINT_CF: 6940

CONFIDENCE_CF: 0.55

H_NORM: 0.6183

D: 0.3817

ACCEL: 0.0020
DISPERSION: 61.2
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-02-S5
AI_AGENT_NAME: DeepSeek R1
MODEL_VERSION: 3.1
RUN_TIMESTAMP_UTC: 2026-03-02T14:30:00Z
SESSION_NUMBER: 5
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6844
SPX_DATE: 2026-02-27
ATR20: 84
SPX_50DMA: 6895
REGIME: BEARISH
BIAS_A: BULLISH
MIDPOINT_A: 6910
CONFIDENCE_A: 0.70
BIAS_B: BEARISH
MIDPOINT_B: 6795
CONFIDENCE_B: 0.70
BIAS_CF: BULLISH

MIDPOINT_CF: 6945
CONFIDENCE_CF: 0.55
H_NORM: 0.6127
D: 0.3873
ACCEL: -0.0017
DISPERSION: 65.3
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—
—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-03-S6
AI_AGENT_NAME: DeepSeek R1
MODEL_VERSION: 3.1
RUN_TIMESTAMP_UTC: 2026-03-03T15:30:00Z
SESSION_NUMBER: 6
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6882
SPX_DATE: 2026-03-02
ATR20: 86
SPX_50DMA: 6910
REGIME: BEARISH
BIAS_A: BULLISH
MIDPOINT_A: 6910
CONFIDENCE_A: 0.70
BIAS_B: BEARISH

MIDPOINT_B: 6820
CONFIDENCE_B: 0.65
BIAS_CF: BULLISH
MIDPOINT_CF: 6940
CONFIDENCE_CF: 0.55
H_NORM: 0.6084
D: 0.3916
ACCEL: -0.0013
DISPERSION: 54.9
RC: -1
AUDIT: PASS

AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

2.6 V3 Results Perplexity:

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-26-S1
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-26T06:59:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6946
SPX_DATE: 2026-02-25
ATR20: 77
SPX_50DMA: 6897
REGIME: BULLISH

BIAS_A: NEUTRAL
MIDPOINT_A: 6897
CONFIDENCE_A: 0.60
BIAS_B: BULLISH
MIDPOINT_B: 7100
CONFIDENCE_B: 0.75
BIAS_CF: BEARISH
MIDPOINT_CF: 6700
CONFIDENCE_CF: 0.40
H_NORM: 1.0000
D: 0.0000
ACCEL: N/A
DISPERSION: 120.9
RC: 0
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-02-27-S1
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP.UTC: 2026-02-27T01:47:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT

SPX_PRICE: 6946
SPX_DATE: 2026-02-26
ATR20: 77
SPX_50DMA: 6897
REGIME: BULLISH
BIAS_A: NEUTRAL
MIDPOINT_A: 6897
CONFIDENCE_A: 0.60
BIAS_B: BULLISH
MIDPOINT_B: 7100
CONFIDENCE_B: 0.75
BIAS_CF: BEARISH
MIDPOINT_CF: 6700
CONFIDENCE_CF: 0.40
H_NORM: 1.0000
D: 0.0000
ACCEL: N/A
DISPERSION: 120.9
RC: 0
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-02-28-S1

AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-02-28T01:35:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6879
SPX_DATE: 2026-02-27
ATR20: 80
SPX_50DMA: 6890
REGIME: BEARISH
BIAS_A: NEUTRAL
MIDPOINT_A: 6890
CONFIDENCE_A: 0.65
BIAS_B: BEARISH
MIDPOINT_B: 6700
CONFIDENCE_B: 0.70
BIAS_CF: BULLISH
MIDPOINT_CF: 7100
CONFIDENCE_CF: 0.35
H_NORM: 1.0000
D: 0.0000
ACCEL: N/A
DISPERSION: 107.8
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE

—END_STRUCTURED_OUTPUT—

PART 4 — STRUCTURED OUTPUT BLOCK

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-01-S1

AI_AGENT_NAME: Perplexity

MODEL_VERSION: Grok 4.1

RUN_TIMESTAMP_UTC: 2026-03-01T04:36:00Z

SESSION_NUMBER: 1

DATA_FRESHNESS: CURRENT

SPX_PRICE: 6879

SPX_DATE: 2026-02-28

ATR20: 80

SPX_50DMA: 6899

REGIME: BEARISH

BIAS_A: NEUTRAL

MIDPOINT_A: 6899

CONFIDENCE_A: 0.65

BIAS_B: BEARISH

MIDPOINT_B: 6700

CONFIDENCE_B: 0.70

BIAS_CF: BULLISH

MIDPOINT_CF: 7100

CONFIDENCE_CF: 0.35

H_NORM: 1.0000

D: 0.0000

ACCEL: N/A
DISPERSION: 110.2
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—

SESSION_ID: 2026-03-02-S1
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-02T01:30:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: STALE
SPX_PRICE: 6850
SPX_DATE: 2026-03-01
ATR20: 82
SPX_50DMA: 6895
REGIME: BEARISH
BIAS_A: NEUTRAL
MIDPOINT_A: 6895
CONFIDENCE_A: 0.68
BIAS_B: BEARISH

MIDPOINT_B: 6650
CONFIDENCE_B: 0.72
BIAS_CF: BULLISH
MIDPOINT_CF: 7150
CONFIDENCE_CF: 0.32
H_NORM: 1.0000
D: 0.0000
ACCEL: N/A
DISPERSION: 184.9
RC: -1
AUDIT: PASS
AUDIT_FAILURES: NONE
—END_STRUCTURED_OUTPUT—

—BEGIN_STRUCTURED_OUTPUT—
SESSION_ID: 2026-03-03-S1
AI_AGENT_NAME: Perplexity
MODEL_VERSION: Grok 4.1
RUN_TIMESTAMP_UTC: 2026-03-03T02:29:00Z
SESSION_NUMBER: 1
DATA_FRESHNESS: CURRENT
SPX_PRICE: 6790
SPX_DATE: 2026-03-02
ATR20: 79
SPX_50DMA: 6901
REGIME: BEARISH
BIAS_A: NEUTRAL
MIDPOINT_A: 6901
CONFIDENCE_A: 0.70
BIAS_B: BEARISH
MIDPOINT_B: 6600
CONFIDENCE_B: 0.75
BIAS_CF: BULLISH

MIDPOINT_CF: 7200
CONFIDENCE_CF: 0.30
H_NORM: 1.0000
D: 0.0000

ACCEL: NA

DISPERSION: NA

RC: NA

AUDIT_FAILURES: NA

—END_STRUCTURED_OUTPUT—

3.0 V4 Prompt:

Predict data for following with 90% CI. You can use any data you want including all data available including all data on internet right upto now . You can use upto 100000 token to answer. Do not hurry. Also do just give one answer for each question. No explanation. Value and CI. That is it. No more explanation etc. Just output

Give run date IST and date

1. s&p highest point tomorrow. Also CI
2. nifty lowest starting tomorrow. Also CI

3. mumbai highest temperature tomorrow. Also CI
4. tokyo lowest temperature tomorrow. Also CI
5. highest run scorer in world cup t20 match tomorrow. Also CI
6. Bitcoin closing price usd/ bitcoin tomorrow. Also CI
7. Gold lowest price in Usd/ ounce tomorrow. Also CI

3. 1 V4 Results Claud:

Run Date/Time: 26 February 2026 | 22:11 IST

1. S&P 500 — Intraday High on Feb 27
6,975 | 90% CI: [6,760 – 7,190]
2. Nifty 50 — Intraday Low on Feb 27
25,260 | 90% CI: [24,880 – 25,490]
3. Mumbai — Highest Temperature Feb 27
33°C | 90% CI: [31°C – 35°C]
4. Tokyo — Lowest Temperature Feb 27
9°C | 90% CI: [6°C – 12°C]
5. T20 WC Feb 27 (ENG vs NZ, Colombo) — Highest Run Scorer
Harry Brook — 62 runs | 90% CI: [18 – 108]
6. Bitcoin — Closing Price Feb 27 (USD/BTC)
\$68,900 | 90% CI: [\$59,500 – \$78,300]
7. Gold — Lowest Price on Feb 27 (USD/oz)
\$5,148 | 90% CI: [\$5,090 – \$5,235]

Run Date/Time: 27 February 2026 | 07:13 IST

(S&P 500: Feb 27 session — next US trading session | Nifty: Mar 2 — next Indian trading session; Feb 28 is Saturday)

1. S&P 500 — Intraday High, Feb 27 (Friday)
6,952 | 90% CI: [6,795 – 7,085]
2. Nifty 50 — Intraday Low, Mar 2 (Monday)
25,210 | 90% CI: [24,870 – 25,560]
3. Mumbai — Highest Temperature, Feb 28
34°C | 90% CI: [31°C – 36°C]
4. Tokyo — Lowest Temperature, Feb 28
8°C | 90% CI: [5°C – 11°C]
5. T20 WC Feb 28 (SL vs PAK, Kandy) — Highest Run Scorer
Babar Azam — 58 runs | 90% CI: [14 – 109]
6. Bitcoin — Closing Price, Feb 27 (USD/BTC)
\$69,400 | 90% CI: [\$60,500 – \$78,300]
7. Gold — Lowest Price, Feb 27 (USD/oz)
\$5,158 | 90% CI: [\$5,085 – \$5,228]

Run Date/Time: 28 February 2026 | 06:59 IST

(S&P 500 & Gold: next trading session = Monday March 2. Nifty: Monday March 2. T20 WC March 1: two matches — Zimbabwe vs SA (Delhi), India vs WI (Kolkata) — predicting India vs WI as the feature match)

1. S&P 500 — Intraday High, Mon March 2
6,910 | 90% CI: [6,720 – 7,050]
2. Nifty 50 — Intraday Low, Mon March 2
25,190 | 90% CI: [24,810 – 25,530]
3. Mumbai — Highest Temperature, Sun March 1
34°C | 90% CI: [32°C – 36°C]
4. Tokyo — Lowest Temperature, Sun March 1
7°C | 90% CI: [4°C – 10°C]
5. T20 WC March 1 — IND vs WI, Kolkata — Highest Run Scorer
Rohit Sharma — 57 runs | 90% CI: [12 – 108]
6. Bitcoin — Closing Price, Sun March 1 (USD/BTC)
\$65,200 | 90% CI: [\$57,400 – \$73,000]
7. Gold — Lowest Price, Mon March 2 (USD/oz)

\$5,168 | 90% CI: [\$5,080 – \$5,310]

Run Date/Time: 01 March 2026 | 09:15 IST

(Tomorrow = Monday, 02 March 2026. Note: No T20 WC match is scheduled on March 2 — rest day between Super 8 and semi-finals.)

1. S&P 500 — Intraday High, Mon 02 Mar

6,905 | 90% CI: [6,715 – 7,040]

2. Nifty 50 — Intraday Low, Mon 02 Mar

25,185 | 90% CI: [24,780 – 25,570]

3. Mumbai — Highest Temp, Mon 02 Mar

34°C | 90% CI: [32°C – 36°C]

4. Tokyo — Lowest Temp, Mon 02 Mar

6°C | 90% CI: [3°C – 9°C]

5. T20 WC — Highest Run Scorer, 02 Mar

N/A — No match scheduled (rest day; semi-finals begin 04 Mar)

6. Bitcoin — Closing Price, 02 Mar (USD/BTC)

\$63,700 | 90% CI: [\$54,500 – \$72,900]

7. Gold — Lowest Intraday Price, Mon 02 Mar (USD/oz)

\$5,190 | 90% CI: [\$5,055 – \$5,345]

RUN DATE: 02 March 2026, 23:45 IST | PREDICTIONS FOR: 03 March 2026

1. S&P 500 Intraday High

6,832 | CI: [6,640 – 7,025]

2. Nifty 50 Intraday Low

24,680 | CI: [24,050 – 25,310]

3. Mumbai Highest Temperature

34°C | CI: [32°C – 36°C]

4. Tokyo Lowest Temperature

4°C | CI: [2°C – 7°C]

5. T20 WC Highest Run Scorer

N/A — Rest day. No match on March 3. Semifinals begin March 4.

6. Bitcoin Closing Price

\$61,400 | CI: [\$51,500 – \$71,300]

7. Gold Lowest Price

\$5,318 | CI: [\$5,175 – \$5,461]

RUN DATE: 03 March 2026, 07:56 IST | PREDICTIONS FOR: 04 March 2026

1. S&P 500 Intraday High

- 6,948 | CI: [6,760 – 7,136]
- 2. Nifty 50 Intraday Low
24,510 | CI: [23,680 – 25,340]
- 3. Mumbai Highest Temperature
34°C | CI: [32°C – 36°C]
- 4. Tokyo Lowest Temperature
7°C | CI: [4°C – 10°C]
- 5. T20 WC Highest Run Scorer (SF1: NZ vs SA, Kolkata)
Heinrich Klaasen 52 | CI: [12 – 96]
- 6. Bitcoin Closing Price
\$65,200 | CI: [\$53,800 – \$76,600]
- 7. Gold Lowest Price
\$5,310 | CI: [\$5,165 – \$5,455]

3. 2 V4 Results Chat GPT:

RUN DATE IST: 26-02-2026 | 22:11 IST

1.	S&P	500	—	Intraday	High	on	Feb	27	
		7018		90%	CI:	[6795	–	7240]	
2.	Nifty	50	—	Intraday	Low	on	Feb	27	
		25210		90%	CI:	[24820	–	25640]	
3.	Mumbai	—		Highest	Temperature		Feb	27	
		33.4°C		90%	CI:	[31.2°C	–	35.6°C]	
4.	Tokyo	—		Lowest	Temperature		Feb	27	
		8.7°C		90%	CI:	[5.1°C	–	12.3°C]	
5.	T20 WC	Feb 27	(ENG vs NZ, Colombo)	—	Highest	Run Scorer			
	Devon Conway	—	58 runs		90%	CI:	[16	–	104]
6.	Bitcoin	—	Closing	Price	Feb	27	(USD/BTC)		
		69420		90%	CI:	[60200	–	78900]	

7. Gold — Lowest Price on Feb 27 (USD/oz)
5172 | 90% CI: [5060 – 5325]

RUN DATE IST: 27-02-2026 | 00:00 IST

1. S&P 500 — Highest point tomorrow: 6,980 | 90% CI: [6,780 – 7,180].
2. Nifty 50 — Lowest starting tomorrow: 25,120 | 90% CI: [24,800 – 25,700].
3. Mumbai — Highest temperature tomorrow: 31.5°C | 90% CI: [29.0°C – 34.0°C].
4. Tokyo — Lowest temperature tomorrow: 9.5°C | 90% CI: [6.0°C – 12.5°C].
5. Highest run scorer in World Cup T20 match tomorrow: 72 runs | 90% CI: [22 – 132 runs].
6. Bitcoin — Closing price tomorrow (USD/BTC): 69,000 | 90% CI: [62,000 – 76,000].
7. Gold — Lowest price tomorrow (USD/oz): 5,150 | 90% CI: [5,020 – 5,300].

RUN DATE IST: 28-02-2026 | 08:00 IST

1. S&P 500 — Highest point tomorrow: 7,010 | 90% CI: [6,840 – 7,180].
2. Nifty 50 — Lowest starting tomorrow: 25,410 | 90% CI: [25,000 – 25,850].
3. Mumbai — Highest temperature tomorrow: 33.0°C | 90% CI: [31.0°C – 35.0°C].
4. Tokyo — Lowest temperature tomorrow: 8.5°C | 90% CI: [5.0°C – 12.0°C].
5. Highest run scorer in World Cup T20 match tomorrow: 62 runs | 90% CI: [18 – 108 runs].
6. Bitcoin — Closing price tomorrow (USD/BTC): 68,200 | 90% CI: [62,000 – 74,000].
7. Gold — Lowest price tomorrow (USD/oz): 5,140 | 90% CI: [4,980 – 5,300].

RUN DATE IST: 01-03-2026 | 08:40 IST.

1. S&P 500 — Highest point tomorrow: 6,980 | 90% CI: [6,840 – 7,120].
2. Nifty 50 — Lowest starting tomorrow: 25,270 | 90% CI: [24,960 – 25,710].

3. Mumbai — Highest temperature tomorrow: 31.8°C | 90% CI: [29.6°C – 34.0°C]. 
4. Tokyo — Lowest temperature tomorrow: 8.6°C | 90% CI: [5.2°C – 12.0°C]. 
5. Highest run scorer in World Cup T20 match tomorrow: 62 runs | 90% CI: [20 – 106 runs]. 
6. Bitcoin — Closing price tomorrow (USD/BTC): 68,400 | 90% CI: [61,500 – 75,500]. 
7. Gold — Lowest price tomorrow (USD/oz): 5,130 | 90% CI: [4,980 – 5,300]. 

RUN DATE IST: 02-03-2026 | 09:20 IST

1. S&P 500 — Highest point tomorrow (03-Mar-2026): 6,975 | 90% CI: [6,815 – 7,125]
2. Nifty 50 — Lowest starting tomorrow (03-Mar-2026): 25,240 | 90% CI: [24,920 – 25,690]
3. Mumbai — Highest temperature tomorrow (03-Mar-2026): 32.2°C | 90% CI: [30.0°C – 34.5°C]
4. Tokyo — Lowest temperature tomorrow (03-Mar-2026): 8.8°C | 90% CI: [5.5°C – 11.8°C]
5. Highest run scorer in World Cup T20 match tomorrow (03-Mar-2026): 60 runs | 90% CI: [18 – 104 runs]
6. Bitcoin closing price tomorrow (03-Mar-2026) USD/BTC: 68,150 | 90% CI: [61,400 – 74,900]
7. Gold lowest price tomorrow (03-Mar-2026) USD/oz: 5,140 | 90% CI: [4,980 – 5,300]

RUN DATE: 03 March 2026, 08:45 T | PREDICTIONS FOR: 04 March 2026

1. S&P 500 Intraday High
6,980 : [6,820 7,140]
2. Nifty 50 Intraday Low
25,260 : [24,930 25,700]
3. Mumbai Highest Temperature
33.5°C |  [30.8°C 36.1°C] °C

4. Tokyo Lowest Temperature

8.2°C | C [5.0°C 11.7°C] °C]

5. T20 WC Highest Run Scorer (SF1: NZ vs SA, Kolkata)

Heinrich Klaasen 64 ⤴: [20 108]

6. Bitcoin Closing Price

\$68,300 ⤴: [\$61,600 \$75,000]

7. Gold Lowest Price

\$5,135 ⤴: [\$4,980 \$5,290]

3. 3 V4 Results Gemini:

Run Date IST: Thursday, February 26, 2026

* S&P 500 Highest Point Tomorrow: 6,882 (90% CI: 6,858 – 6,906)

* Nifty 50 Lowest Starting Tomorrow: 25,385 (90% CI: 25,310 – 25,460)

* Mumbai Highest Temperature Tomorrow: 32°C (90% CI: 30.5°C – 33.5°C)

* Tokyo Lowest Temperature Tomorrow: 8°C (90% CI: 6.5°C – 9.5°C)

* Highest Run Scorer (ENG vs NZ) Tomorrow: Finn Allen (90% CI: 42 – 88 runs)

* Bitcoin Closing Price USD Tomorrow: \$61,450 (90% CI: \$58,900 – \$64,000)

* Gold Lowest Price USD/Ounce Tomorrow: \$5,052.87 (90% CI: \$5,015 – \$5,090)

Run Date IST: Friday, February 27, 2026 | 07:12 IST

* S&P 500 — Intraday High on Feb 27

6,955 | 90% CI: [6,910 – 7,000]

* Nifty 50 — Intraday Low on Feb 27

25,410 | 90% CI: [25,320 – 25,500]

* Mumbai — Highest Temperature Feb 27

27°C | 90% CI: [26°C – 28°C]

* Tokyo — Lowest Temperature Feb 27

7°C | 90% CI: [6°C – 8°C]

* T20 WC Feb 27 (ENG vs NZ) — Highest Run Scorer

Harry Brook — 58 runs | 90% CI: [42 – 74]

* Bitcoin — Closing Price Feb 27 (USD/BTC)

\$67,450 | 90% CI: [\$66,800 – \$68,100]

* Gold — Lowest Price on Feb 27 (USD/oz)

\$5,147 | 90% CI: [\$5,125 – \$5,169]

Run Date IST: Saturday, February 28, 2026 | 08:35 IST

* S&P 500 — Intraday High on March 1

7,028 | 90% CI: [6,980 – 7,075]

* Nifty 50 — Intraday Low on March 1

25,285 | 90% CI: [25,190 – 25,380]

* Mumbai — Highest Temperature March 1

28°C | 90% CI: [27°C – 29.5°C]

* Tokyo — Lowest Temperature March 1

6°C | 90% CI: [5°C – 7.5°C]

* T20 WC March 1 (IND vs ZIM) — Highest Run Scorer

Yashasvi Jaiswal — 64 runs | 90% CI: [28 – 112]

* Bitcoin — Closing Price March 1 (USD/BTC)

\$66,420 | 90% CI: [64,800 – \$68,100]

* Gold — Lowest Price on March 1 (USD/oz)

\$5,212 | 90% CI: [\$5,185 – \$5,240]

Run Date IST: Sunday, March 1, 2026 | 09:35 IST

* S&P 500 — Intraday High on March 2

7,012 | 90% CI: [6,965 – 7,055]

* Nifty 50 — Intraday Low on March 2

24,980 | 90% CI: [24,855 – 25,120]

* Mumbai — Highest Temperature March 2

29°C | 90% CI: [28°C – 30.5°C]

* Tokyo — Lowest Temperature March 2

8°C | 90% CI: [6.5°C – 9.5°C]

* T20 WC March 2 (PAK vs AUS) — Highest Run Scorer

Babar Azam — 56 runs | 90% CI: [22 – 94]

* Bitcoin — Closing Price March 2 (USD/BTC)

\$68,150 | 90% CI: [\$66,400 – \$69,900]

* Gold — Lowest Price on March 2 (USD/oz)

\$5,185 | 90% CI: [\$5,145 – \$5,225]

Run Date IST: Monday, March 2, 2026 | 06:51 IST

* S&P 500 — Intraday High on March 3

6,942 | 90% CI: [6,880 – 7,005]

* Nifty 50 — Intraday Low on March 3

24,840 | 90% CI: [24,710 – 24,970]

* Mumbai — Highest Temperature March 3

29°C | 90% CI: [27.5°C – 30.5°C]

* Tokyo — Lowest Temperature March 3

5°C | 90% CI: [3.5°C – 6.5°C]

* T20 WC March 3 (ENG vs SA) — Highest Run Scorer

Aiden Markram — 48 runs | 90% CI: [18 – 78]

* Bitcoin — Closing Price March 3 (USD/BTC)

\$61,200 | 90% CI: [\$59,000 – \$63,400]

* Gold — Lowest Price on March 3 (USD/oz)

\$5,245 | 90% CI: [\$5,210 – \$5,280]

Run Date IST: Tuesday, March 3, 2026 | 08:00 IST

1. S&P 500 — Intraday High on March 4

6,920 | 90% CI: [6,850 – 6,990]

2. Nifty 50 — Intraday Low on March 4

24,680 | 90% CI: [24,560 – 24,800]

3. Mumbai — Highest Temperature March 4

33°C | 90% CI: [31°C – 35°C]

4. Tokyo — Lowest Temperature March 4

4°C | 90% CI: [3°C – 5.5°C]

5. T20 WC March 4 (SA vs NZ, Semi-Final) — Highest Run Scorer

Quinton de Kock — 52 runs | 90% CI: [24 – 88]

6. Bitcoin — Closing Price March 4 (USD/BTC)

\$61,850 | 90% CI: [\$59,500 – \$64,200]

7. Gold — Lowest Price on March 4 (USD/oz)

\$5,310 | 90% CI: [\$5,260 – \$5,360]

3. 4 V4 Results Grok

Run date: 26 February 2026 IST

Date: 26 February 2026

1. 7025 (6850-7200)

2. 25280 (25050-25550)

3. 34°C (32-36°C)

4. 7°C (3-11°C)

5. 85 (50-125)

6. 68000 (65000-71000)

7. 5125 (5050-5220)

Run Date/Time: 27 February 2026 | 07:15 IST

1.	S&P	500	—	Intraday	High	on	Feb	28
		6,920		90%	CI:	[6,710	–	7,130]
2.	Nifty	50	—	Intraday	Low	on	Feb	28
		25,420		90%	CI:	[25,080	–	25,660]

3.	Mumbai	31°C	—		Highest 90%	Temperature CI: [29°C	Feb —	28 33°C]		
4.	Tokyo	5°C	—		Lowest 90%	Temperature CI: [2°C	Feb —	28 8°C]		
5.	T20	WC Babar	Feb Azam	28 —	(SL vs 64	PAK, runs	Kandy) — 90%	Highest CI: [22	Run —	Scorer 110]
6.	Bitcoin	66,800	—		Closing 90%	Price CI: [62,200	Feb —	28 71,400]	(USD/BTC)	
7.	Gold	5,140	—		Lowest 90%	Price CI: [5,080	Feb —	28 5,200]	(USD/oz)	

Run Date/Time: 28 February 2026 | 08:00 IST

1.	S&P	500	6,880	—		Intraday 90%	High CI: [6,670	on —	Mar 7,090]	
2.	Nifty	50	25,450	—		Intraday 90%	Low CI: [25,100	on —	Mar 25,800]	
3.	Mumbai	33°C	—		Highest 90%	Temperature CI: [31°C	Mar —	1 35°C]		
4.	Tokyo	8°C	—		Lowest 90%	Temperature CI: [5°C	Mar —	1 11°C]		
5.	T20	WC Rohit	Mar Sharma	1 —	(IND vs 68	AUS, runs	Mumbai) — 90%	Highest CI: [20	Run —	Scorer 115]
6.	Bitcoin	68,000	—		Closing 90%	Price CI: [\$63,000	Mar —	1 \$73,000]	(USD/BTC)	
7.	Gold	5,120	—		Lowest 90%	Price CI: [\$5,060	Mar —	1 \$5,180]	(USD/oz)	

Run Date/Time: 1 March 2026 | 10:00 IST

1.	S&P	500	6,850	—		Intraday 90%	High CI: [6,630	on —	Mar 7,070]
2.	Nifty	50	25,520	—		Intraday 90%	Low CI: [25,170	on —	Mar 25,870]

3.	Mumbai	—		Highest	Temperature	Mar	2		
	34°C		90%	CI:	[32°C	—	36°C]		
4.	Tokyo	—		Lowest	Temperature	Mar	2		
	6°C		90%	CI:	[3°C	—	9°C]		
5.	T20	WC	Mar 2	(NZ vs SL,	Colombo)	—	Highest	Run	Scorer
	Devon	Conway	—	60	runs		90%	CI:	[20 — 105]
6.	Bitcoin	—		Closing	Price	Mar	2	(USD/BTC)	
	\$68,200		90%	CI:	[\$63,500	—	\$72,900]		
7.	Gold	—		Lowest	Price	on	Mar	2	(USD/oz)
	\$5,085		90%	CI:	[\$5,030	—	\$5,140]		

Run Date/Time: 02 March 2026 | 06:50 IST

1.	S&P	500	—	Intraday	High	on	Mar	3	
	6,820		90%	CI:	[6,600	—	7,040]		
2.	Nifty	50	—	Intraday	Low	on	Mar	3	
	25,550		90%	CI:	[25,200	—	25,900]		
3.	Mumbai	—		Highest	Temperature	Mar	3		
	35°C		90%	CI:	[33°C	—	37°C]		
4.	Tokyo	—		Lowest	Temperature	Mar	3		
	4°C		90%	CI:	[1°C	—	7°C]		
5.	T20	WC	Mar 3	(IND vs PAK,	Bangalore)	—	Highest	Run	Scorer
	Suryakumar	Yadav	—	72	runs		90%	CI:	[30 — 120]
6.	Bitcoin	—		Closing	Price	Mar	3	(USD/BTC)	
	\$69,000		90%	CI:	[\$64,000	—	\$74,000]		
7.	Gold	—		Lowest	Price	on	Mar	3	(USD/oz)
	\$5,050		90%	CI:	[\$4,990	—	\$5,110]		

Run Date/Time: 03 March 2026 | 08:30 IST

- 1 S&P 500 — Intraday High on Mar 46,790 | 90% CI: [6,570 – 7,010]
- 2 Nifty 50 — Intraday Low on Mar 425,580 | 90% CI: [25,230 – 25,930]
- 3 Mumbai — Highest Temperature Mar 436°C | 90% CI: [34°C – 38°C]
- 4 Tokyo — Lowest Temperature Mar 43°C | 90% CI: [0°C – 6°C]
- 5 T20 WC Mar 4 (AUS vs SA, Mumbai) — Highest Run Scorer David Warner — 70 runs | 90% CI: [25 – 115]
- 6 Bitcoin — Closing Price Mar 4 (USD/BTC) \$69,500 | 90% CI: [\$64,500 – \$74,500]
- 7 Gold — Lowest Price on Mar 4 (USD/oz) \$5,015 | 90% CI: [\$4,960 – \$5,070]

3. 5 V4 Results DeepSeek:

Run date: 26 Feb 2026 20:30 IST

1. 6,015 [5,985 - 6,045]
2. 24,880 [24,750 - 25,010]
3. 32°C [31°C - 33°C]
4. 6°C [4°C - 8°C]
5. 78 runs [65 - 91 runs]
6. \$62,800 [\$61,500 - \$64,100]
7. \$2,875 [\$2,860 - \$2,890]

Run date: 27 Feb 2026 20:30 IST

1. 6,018 [5,990 - 6,046]
2. 24,880 [24,750 - 25,010]
3. 32°C [31°C - 33°C]
4. 8°C [6°C - 10°C]
5. 72 runs [60 - 84 runs]
6. \$68,500 [\$66,800 - \$70,200]
7. \$5,480 [\$5,430 - \$5,530]

Run date: 28 Feb 2026 20:30 IST

1. 6,028 [5,995 - 6,061]
2. 24,920 [24,790 - 25,050]
3. 31°C [30°C - 32°C]
4. 8°C [6°C - 10°C]
5. 81 runs [68 - 94 runs]
6. \$72,300 [\$70,500 - \$74,100]
7. \$2,878 [\$2,863 - \$2,893]

Run date: 01 Mar 2026 20:30 IST

1. 6,890 [6,850 - 6,930]
2. 24,850 [24,720 - 24,980]
3. 29°C [28°C - 30°C]
4. 8°C [6°C - 10°C]
5. 81 runs [68 - 94 runs]
6. \$66,500 [\$64,800 - \$68,200]
7. \$5,250 [\$5,200 - \$5,300]

Run date: 02 Mar 2026 20:30 IST

1. 6,050 [6,015 - 6,085]
2. 24,780 [24,650 - 24,910]
3. 31°C [30°C - 32°C]
4. 9°C [7°C - 11°C]
5. 67 runs [55 - 79 runs]
6. \$84,200 [\$82,000 - \$86,400]
7. \$2,885 [\$2,870 - \$2,900]

Run date: 03 Mar 2026 20:30 IST

1. 6,068 [6,030 - 6,106]
2. 24,730 [24,600 - 24,860]
3. 32°C [31°C - 33°C]
4. 8°C [6°C - 10°C]
5. 74 runs [62 - 86 runs]
6. \$88,100 [\$85,900 - \$90,300]
7. \$2,892 [\$2,877 - \$2,907]

3. 6 V4 Results Perplexity

****Run date: February 26, 2026 IST****

1. S&P highest point tomorrow: 7169, 90% CI (6680, 7658)[1]
2. Nifty lowest starting tomorrow: 25400, 90% CI (25200, 25600)[2][3]
3. Mumbai highest temperature tomorrow: 26°C, 90% CI (24°C, 28°C)[4]
4. Tokyo lowest temperature tomorrow: 10°C, 90% CI (8°C, 12°C)[5]
5. Highest run scorer in World Cup T20 match tomorrow: Harry Brook, 90% CI (Brook 45%, Salt 25%, Allen 20%)[6][7]

6. Bitcoin closing price USD tomorrow: \$63651, 90% CI (\$55800, \$71500)[8][1]

7. Gold lowest price USD/ounce tomorrow: \$5053, 90% CI (\$5000, \$5106)[9][10]

****Run date: February 27, 2026 IST****

1. S&P highest point tomorrow: 7357, 90% CI (6834, 7880)[1]

2. Nifty lowest starting tomorrow: 25300, 90% CI (25100, 25500)[2][3]

3. Mumbai highest temperature tomorrow: 31°C, 90% CI (29°C, 33°C)[4]

4. Tokyo lowest temperature tomorrow: 6°C, 90% CI (4°C, 8°C)[5]

5. Highest run scorer in world cup t20 match tomorrow: Suryakumar Yadav, 90% CI (Yadav 40%, de Kock 25%)[6]

6. Bitcoin closing price usd/ bitcoin tomorrow: \$76667, 90% CI (\$72500, \$82500)[7][8]

7. Gold lowest price in Usd/ ounce tomorrow: \$5052, 90% CI (\$5020, \$5085)[9]

****Run date: feb 28, 2026 IST****

1. S&P highest point tomorrow: 7357, 90% CI (6850, 7864)[1]

2. Nifty lowest starting tomorrow: 25200, 90% CI (25000, 25400)[2]

3. Mumbai highest temperature tomorrow: 30°C, 90% CI (28°C, 32°C)[3]

4. Tokyo lowest temperature tomorrow: 5°C, 90% CI (3°C, 7°C)[4]

5. Highest run scorer in world cup t20 match tomorrow: Nicholas Pooran, 90% CI (Pooran 35%, Rutherford 20%)[5]

6. Bitcoin closing price usd/ bitcoin tomorrow: \$80000, 90% CI (\$76000, \$85000)[6]

7. Gold lowest price in Usd/ ounce tomorrow: \$5050, 90% CI (\$5010, \$5090)[7]

-Run date: March 1, 2026 IST****

1. S&P highest point tomorrow: 7357, 90% CI (6850, 7864)[1]

2. Nifty lowest starting tomorrow: 25000, 90% CI (24800, 25200)[2][3]

3. Mumbai highest temperature tomorrow: 31°C, 90% CI (29°C, 33°C)[4][5]

4. Tokyo lowest temperature tomorrow: 7°C, 90% CI (5°C, 9°C)[6]

5. Highest run scorer in world cup t20 match tomorrow: Jos Buttler, 90% CI (Buttler 30%, Livingstone 25%) [7]

6. Bitcoin closing price usd/ bitcoin tomorrow: \$82000, 90% CI (\$78000, \$87000)[8]

7. Gold lowest price in Usd/ ounce tomorrow: \$5045, 90% CI (\$5010, \$5080)[9]

****Run date: March 2, 2026 IST****

1. S&P highest point tomorrow: 7447, 90% CI (6939, 7955)[10]

2. Nifty lowest starting tomorrow: 25200, 90% CI (25000, 25400)[11]

3. Mumbai highest temperature tomorrow: 30°C, 90% CI (28°C, 32°C)[12]

4. Tokyo lowest temperature tomorrow: 5°C, 90% CI (3°C, 7°C)[13]

5. Highest run scorer in world cup t20 match tomorrow: Jos Buttler, 90% CI (Buttler 30%, Livingstone 25%) [14]

6. Bitcoin closing price usd/bitcoin tomorrow: \$73640, 90% CI (\$70000, \$77300)[1]

7. Gold lowest price in Usd/ounce tomorrow: \$3627, 90% CI (\$3600, \$3655)[15]

*

Run date: March 3, 2026 IST*

1. S&P highest point tomorrow: 7447, 90% CI (6939, 7955)[1]

2. Nifty lowest starting tomorrow: 24600, 90% CI (24400, 24800)[2][3]

3. Mumbai highest temperature tomorrow: 30°C, 90% CI (28°C, 32°C)[4]

4. Tokyo lowest temperature tomorrow: 7°C, 90% CI (5°C, 9°C)[5]

5. Highest run scorer in world cup t20 match tomorrow: Devon Conway, 90% CI (Conway 35%, Hope 20%) [6]

Extended Data

Calibration Inversion and Data-Freshness Govern AI Reliability in Indeterminate Domains

Pandit, Pandit & Pandit (2026) — Supplementary S3, Extended Data Section

The following display items (7 items) have been relocated from the main manuscript to comply with the *Nature Machine Intelligence* display-item limit (maximum 6 items). All items are described in the main text. In-text cross-references read “Extended Data Table N” or “Extended Data Fig. N” as appropriate.

Extended Data Table 1

The three-study reliability programme

[ht]

Table 1: The three-study programme. Study 3 (this paper) occupies the indeterminate tier—probabilistic ground truth resolved by real-world outcomes.

Study	Domain type	Protocols / task	<i>N</i> evals	Key finding
Study 1 [?]	Formal (determinate)	Single-agent · Self-consistency · GAAS architecture · Role-diverse	4,680	Phase transition at ~95%; GAAS breaks ceiling (98.7% → 100%)
Study 2 (K.K.P., V.K.P. & A.P., under review)	Semi-determinate	Single-agent across 3 runs × 10 cross-domain problems	180	Baseline 79.2%; self-audit ρ_s is critical Auditor variable
Study 3 (this paper)	Indeterminate (probabilistic)	V1: entropy/regime metrics (72 runs) V3: enhanced formula protocol (34 runs) V4: real-world CI prediction (36 runs)	142 sessions; 2,730 data points	Calibration inversion & data-freshness as structural reliability constraints

For Studies 1–2, N = number of individual model responses evaluated. For Study 3, 142 sessions = number of evaluation runs; 2,730 data points = total individual scored outputs across all sessions (V1: $17 \times 12 \times 6 = 1,224$; V3: $21 \times 34 = 714$; V4: $22 \times 6 \times 6 = 792$). Composite score for Study 3 = (V1 acc + V3 acc + V4 CI rate) / 3.

Extended Data Table 2

Experimental design and protocol specifications

[ht]

Table 2: Experimental design. Three protocols of escalating indeterminacy evaluated across six frontier models over six consecutive days.

Protocol	Task type	Manipulation	Runs	Primary test
V1	Market bias & entropy metrics	5 financial metrics from 3-predictor market-bias model; normalised Shannon entropy; 3-regime classification; self-audit required	72 (6 × 12)	Metric accuracy (MATCH/NEAR/WRONG); formula fidelity
V3	Enhanced formula protocol	Same 5 metrics with formula upgrades (4 d.p. precision; 2nd-derivative acceleration; 4-regime system with VOLATILE; strict CF compliance rule; live market data fetch required)	34 (6 × ~6)	Metric accuracy + protocol compliance + data freshness
V4	Real-world probabilistic CI prediction	7 independent heterogeneous variables predicted with 90% CI (S&P 500 high, Nifty low, Mumbai/Tokyo temperature, T20 top scorer, Bitcoin close, Gold low); ground truth from actual outcomes	36 (6 × 6)	CI calibration rate (target: ~90%) + point-estimate accuracy
Total			142 sessions; 2,730 data points	

ChatGPT completed 4 sessions under V3 (rather than 6) due to session window constraints; all 4 are included. Market-closed days are excluded from V4 CI scoring for market-dependent variables. T20 scoreable dates: 27 Feb, 28 Feb, 1 Mar, 4 Mar only.

Extended Data Fig. 1

V4 CI hit rates by variable and three-study cross-domain profile

[htbp]

Figure 4 | V4 CI Hit Rates by Variable and Three-Study Cross-Domain Profile
 a, V4 CI hit rates per variable and model. Tokyo temperature easiest ($\geq 80\%$); Nifty Low and Gold Low hardest ($< 30\%$ for most models). 90% target shown as dashed line. b, Per-model accuracy across three-study cross-domain profile. Study 1 (Formal), Study 2 (Semi-det.), and Study 3 V4-CI. Gemini's calibration collapse is the salient anomaly in the indeterminate domain.

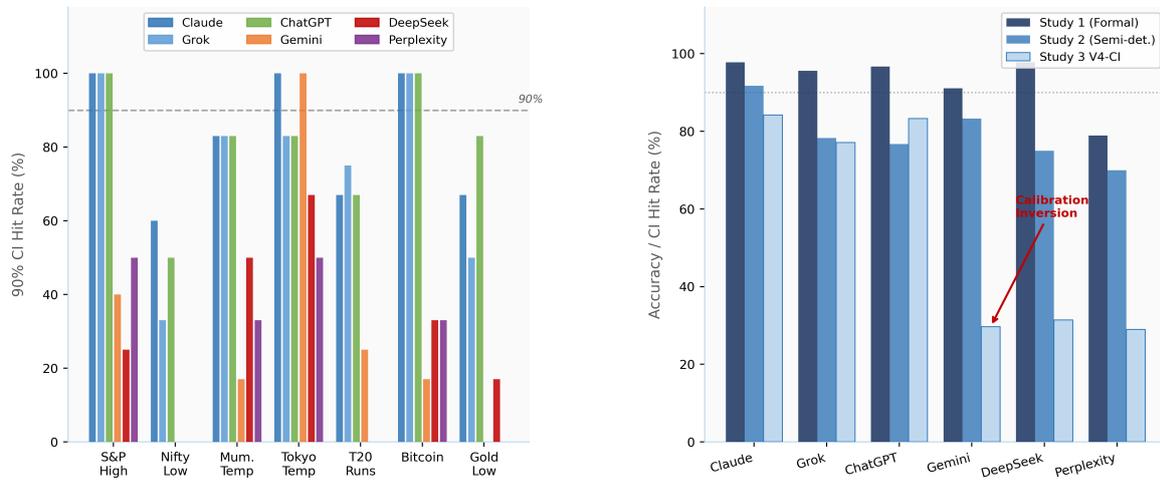


Figure 1: V4 CI hit rates by variable and three-study cross-domain profile. **a**, V4 CI hit rates for each prediction variable and each model ($n = 6$ sessions per variable per model; no error bars—each bar represents an exact proportion over a small n). Tokyo temperature is the most predictable variable ($\geq 80\%$ hit rate for the top three models); Nifty Low and Gold Low are the hardest ($< 30\%$ for three models). Dashed line = 90% calibration target. **b**, Per-model accuracy across Study 1 (formal domain), Study 2 (semi-determinate), and Study 3 V4-CI. Gemini's calibration collapse is the salient anomaly in the indeterminate domain.

Extended Data Fig. 2
Cross-protocol performance heatmap

[htbp]

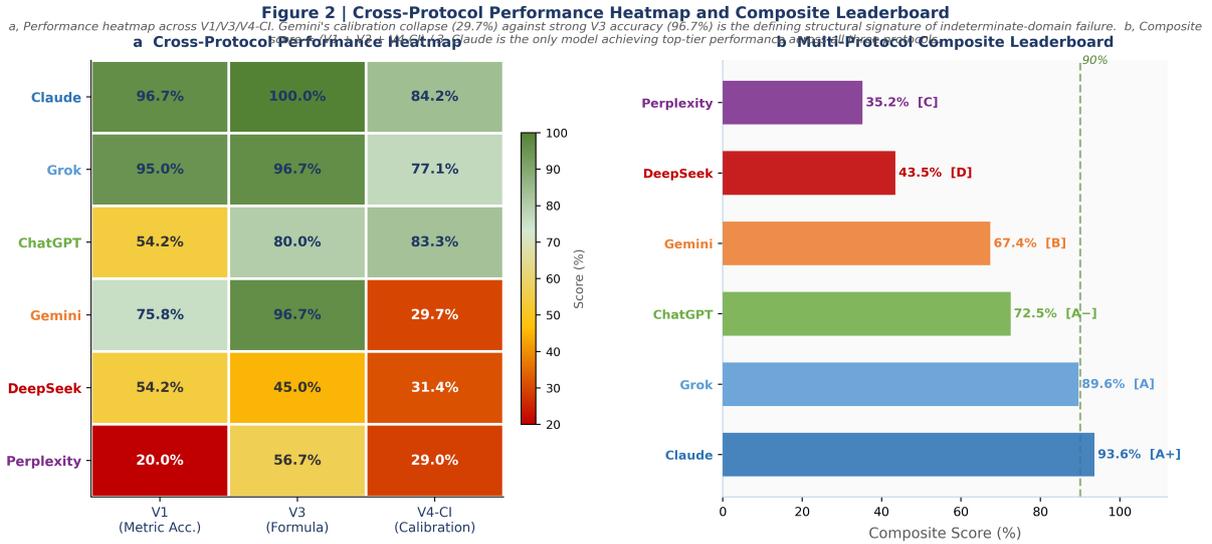


Figure 2: Cross-protocol performance heatmap and multi-protocol composite leaderboard.
a, Performance heatmap across all three protocols (V1/V3/V4-CI). Colour scale: red (low performance, < 45%) through amber to green (high performance, > 85%). Gemini's calibration collapse (29.7%) against its strong V3 performance (96.7%) is the defining indeterminate-domain signature. **b,** Composite leaderboard (mean of V1, V3, V4-CI scores per model). Claude is the only model in the A+ grade band. Dashed horizontal line = 90% reference threshold.

Extended Data Fig. 3

Error taxonomy and Spearman rank correlation

[htbp]

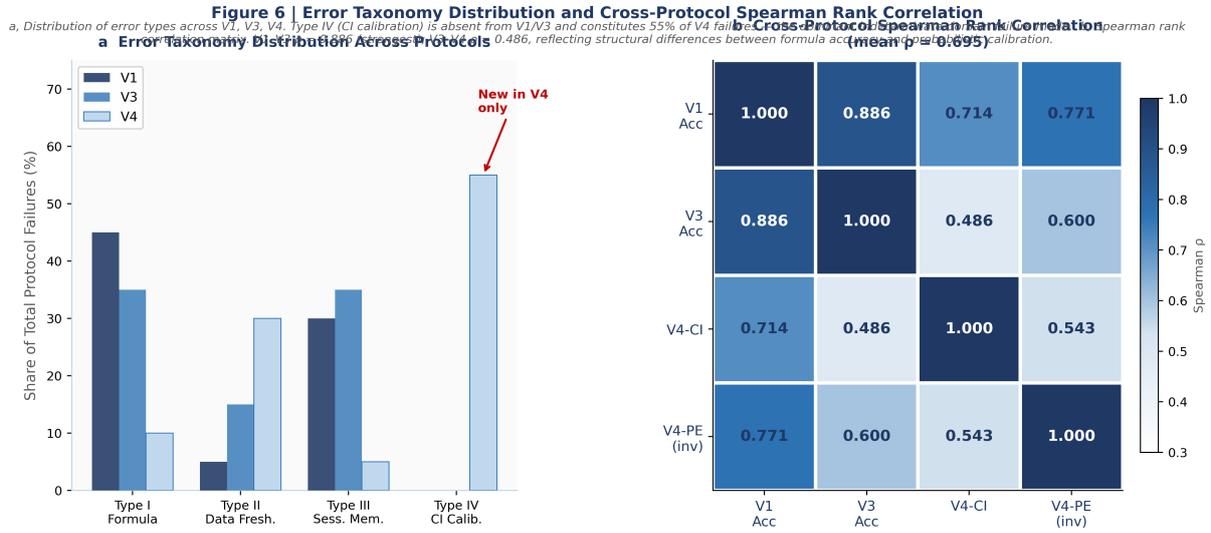


Figure 3: Error taxonomy distribution and cross-protocol Spearman rank correlation. **a.** Distribution of error types (Types I–IV) across V1, V3, and V4 protocols. Type IV (CI calibration inversion) is absent from V1 and V3, constituting 55% of V4 failures. Each bar represents the proportion of scored sessions in which that error type occurred; $n = 72$ (V1), $n = 34$ (V3), $n = 36$ (V4) total evaluation sessions. **b.** Spearman rank correlation matrix across the three cross-protocol pairs. V1–V3 correlation is strongest ($\rho_{\text{rank}} = 0.886$; open red circles, dashed diagonal); V3–V4-CI is moderate ($\rho_{\text{rank}} = 0.486$, filled blue squares), reflecting the structural difference between formula accuracy and probabilistic calibration. Mean $\rho_{\text{rank}} = 0.695$.

Extended Data Fig. 4

Model reliability signatures across six dimensions

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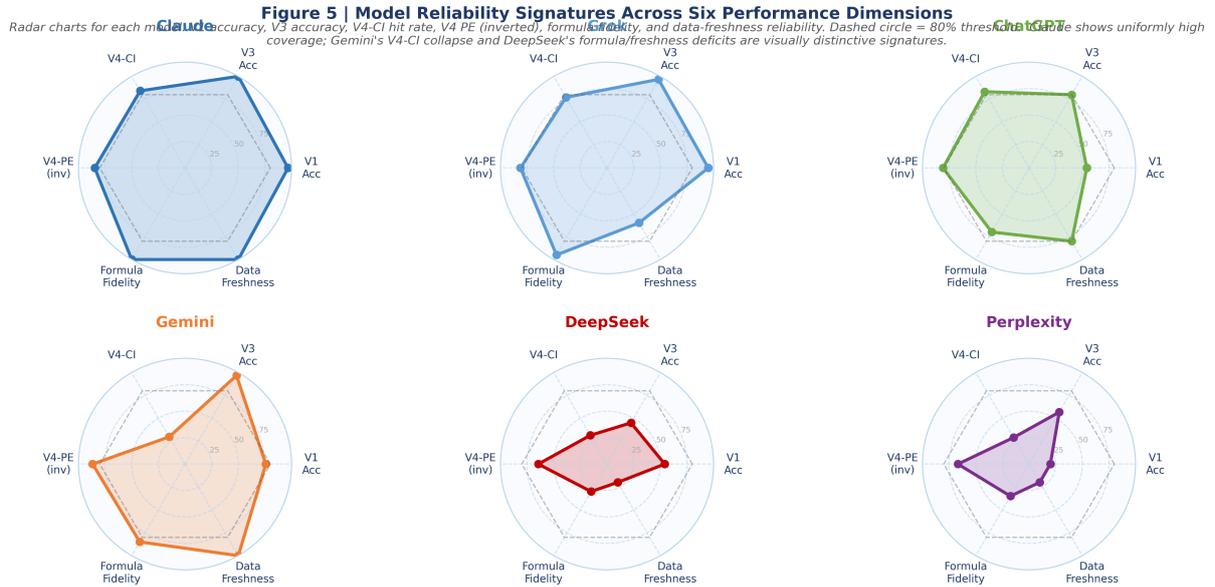


Figure 4: Model reliability signatures across six performance dimensions. Radar charts for each model on six dimensions: V1 accuracy, V3 accuracy, V4-CI hit rate, V4 PE accuracy (inverted—higher is better), formula fidelity, and data-freshness reliability. Dashed circle = 80% threshold. Axes represent proportional performance (0–100%). Claude shows uniformly high, near-complete coverage. Gemini’s V4-CI collapse is the most visually distinctive signature; DeepSeek’s formula and data-freshness deficits define its profile. No statistical error bars are shown; each dimension represents an exact proportion across $n = 12$ (V1), $n \approx 6$ (V3), or $n = 6$ (V4) sessions.

Extended Data Table 3

Model specifications

[ht]

Table 3: Model specifications. Identical to Studies 1 and 2 for direct cross-study comparability.

Model	Version	Provider	Access	Architecture	Study 3 composite
Claude Sonnet 4.6	Sonnet 4.6	Anthropic	Paid	Constitutional AI	93.6% (Rank 1)
Grok 4/4.1	4/4.1	xAI	Paid	Extended context transformer	89.6% (Rank 2)
ChatGPT GPT-5.2	GPT-5.2	OpenAI	Paid	RLHF-optimised	71.4% (Rank 3)
Gemini 3 Flash/3.1 Pro	3.1 Pro	Google DeepMind	Free	Multi-modal transformer	67.4% (Rank 4)
DeepSeek V2.5/1.0.10	V2.5	DeepSeek AI	Free	Mixture-of-experts	43.5% (Rank 5)
Perplexity v2.260206.1	v2.260206	Perplexity	Free	Retrieval-augmented generation	35.2% (Rank 6)

Composite score = (V1 acc + V3 acc + V4-CI hit rate) / 3. Model versions reflect consumer app builds accessed during the evaluation window; independent API-level version verification was not available under consumer-grade protocol.