

Quintile Analysis Engine Report V3.2

QAE Guide / Contact

By Simon Hobbs



System Fundamentals

www.system-fundamentals.com

Minimal guide provided below
→ See 'QAE Guide' for more details



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The **QAE Product** transforms 2 sets of cardinal daily metrics into ordinal **Q-Bands**, ranking and counting them across **Fixed Timeframes** using **Reverse Chronology**. The dataset is a closed 365/366-day historical envelope anchored to **Newest Date**. QAE processes 2 metric sets through 2 independent lenses: **M1 Baseline (BL)** and **M2 Reaction (RL)**. QAE is strictly historical making yesterday the newest allowable date.

Metric 1 - M1 → Baseline Lens **Q_BL =**

Metric 2 - M2 → Reaction Lens **Δ_RL =**

Ranked by absolute state within the Complete One-Year Range

Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

Border colors indicate timeframes

1 Month

3 Months

6 Months

1 Year

Distant 6M

Reserved space: Automated system status and integration details

QAE - Quintile Analysis Engine

LEADING EDGE PAGE

REPORT TITLE: nVidia / NVDA / 2025 / NY / Metric 1 Volume / Metric 2 Close Price USD / EDT UTC -4hrs

Newest: Dec 31, 2025

Oldest: Jan 1, 2025

Newest Active Date: Dec 31, 2025

UTC-04:00 Atlantic Canada / Venezuela

QAE Timestamp: 2026-06-19 | 20:18:04

Day Count
365

Active Days
250

Participation
68.49%

Q_BL_M1 Baseline

1 Year

Newest Active Dec 31, 2025
Raw Metric

120,100,492

Weak

Consecutive Days
(no direction) Weak = 5

Lowest Value
Dec 24, 2025
65,528,551

Highest Value
Jan 27, 2025
818,830,938

Baseline Lens Q-Band M1
Raw Metric Cut-Offs

Weak | Up To - 154,059,240.60

Moderate | Up To - 181,907,565.40

Median | Up To - 217,864,109.00

Strong | Up To - 268,848,824.80

Peak | Up To - 818,830,938.00

Δ_RL_M2 Reaction

1 Year

Newest Active Dec 31, 2025
Reaction Intensity %

0.555% = 186.5

Weak ▼

Consecutive Days
Weak ▼ = 2
(no direction) Weak = 2

Lowest Reaction %
Jan 8, 2025
0.021%

Highest Reaction %
Apr 9, 2025
18.723%

Reaction Lens Q-Band M2
Reshaped RI Metric Cut-Offs

Weak | Up To - 0.5721%

Moderate | Up To - 1.1108%

Median | Up To - 2.0539%

Strong | Up To - 3.3397%

Peak | Up To - 18.7227%

Q_BL_M1 Baseline & Δ_RL_M2 Reaction

Newest Historical Activity

1 Year

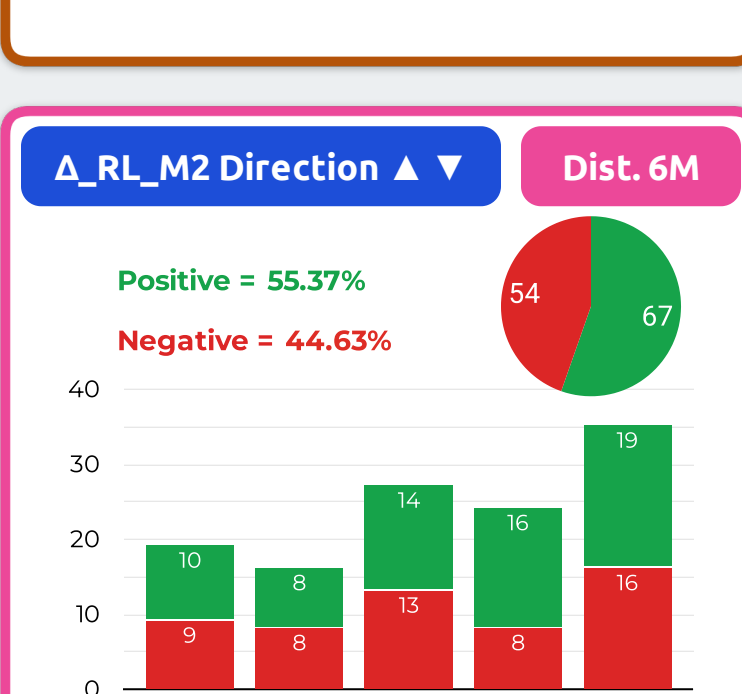
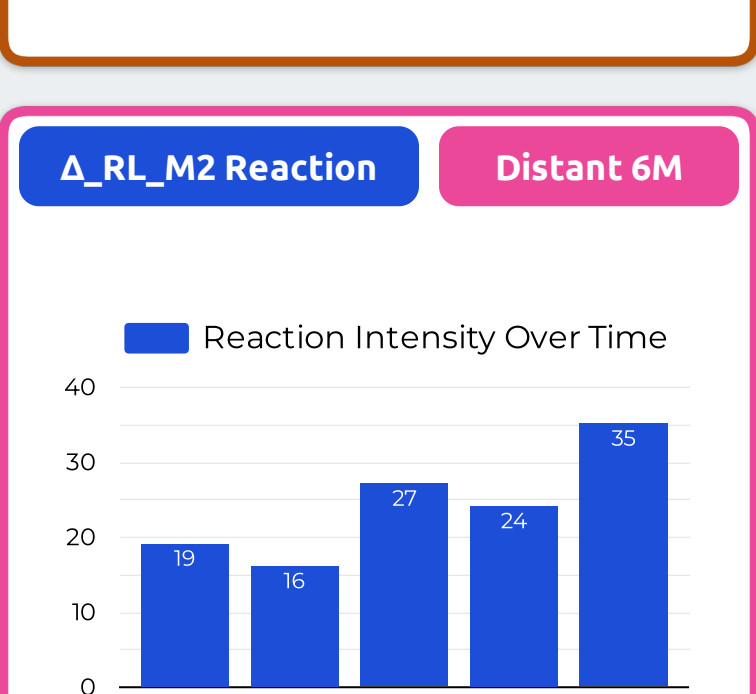
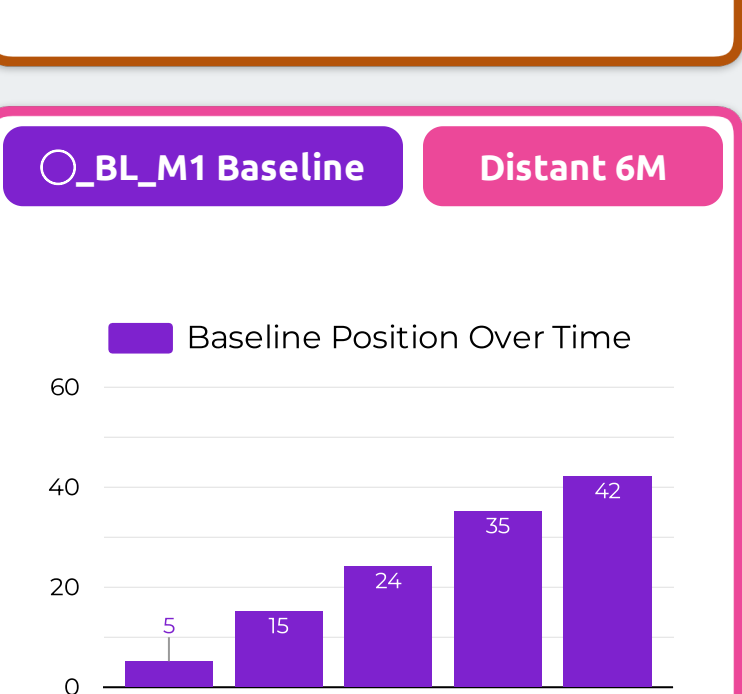
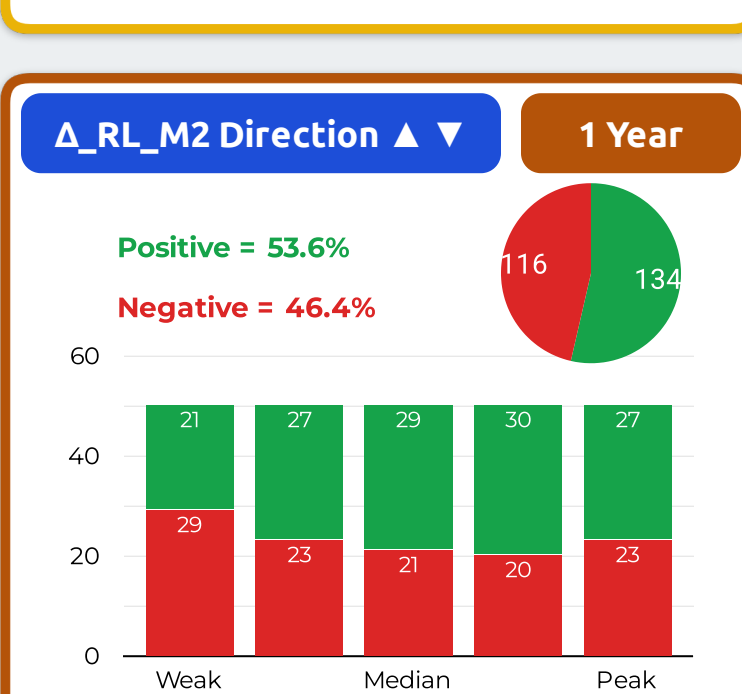
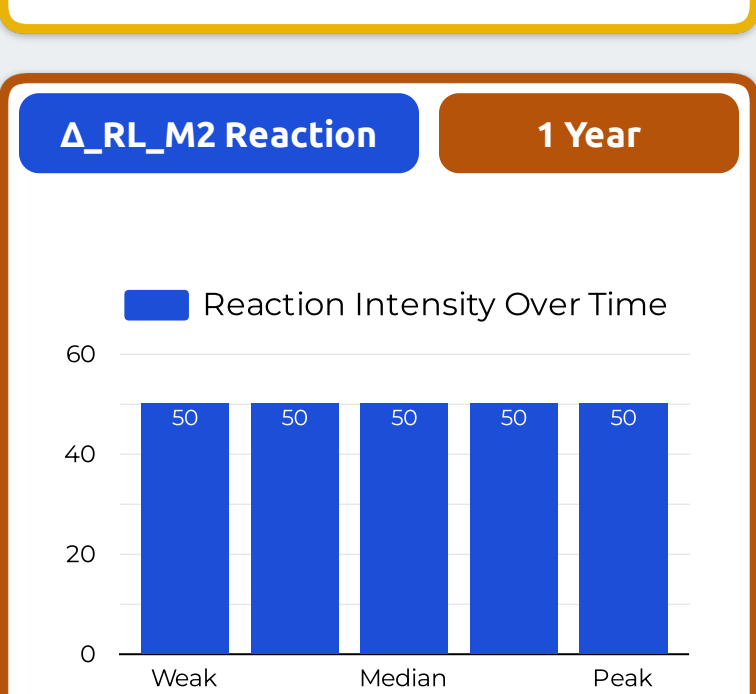
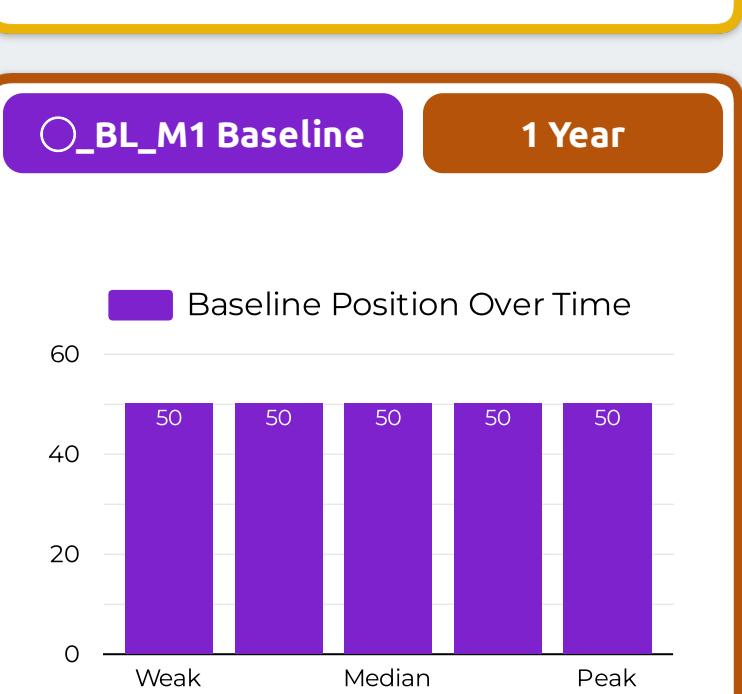
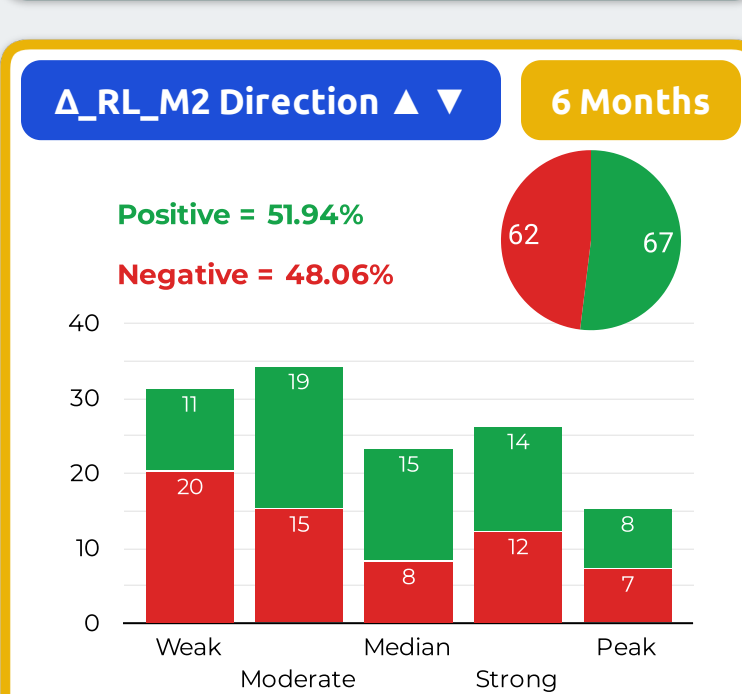
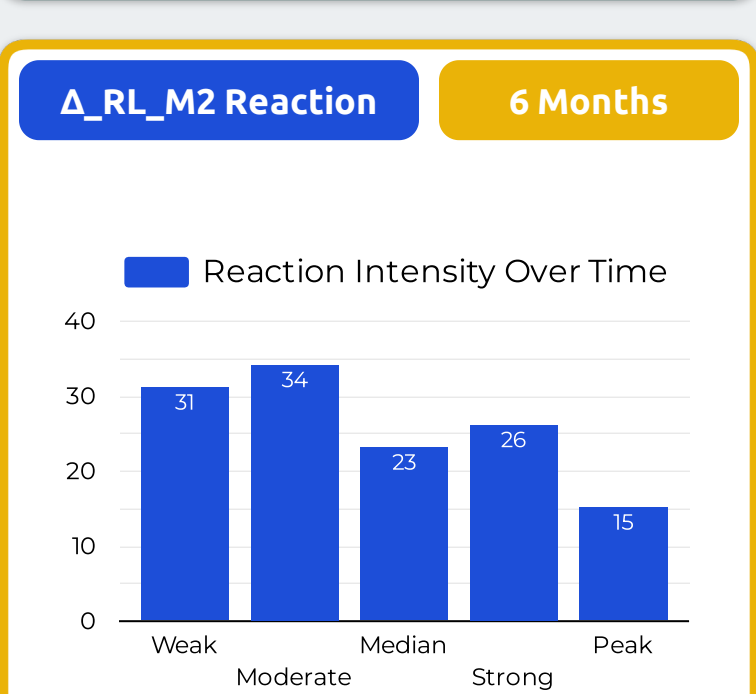
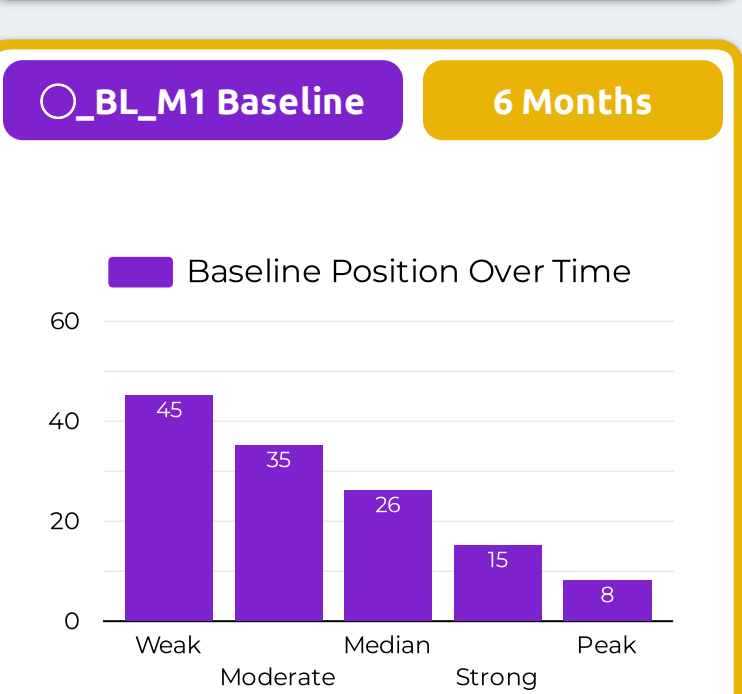
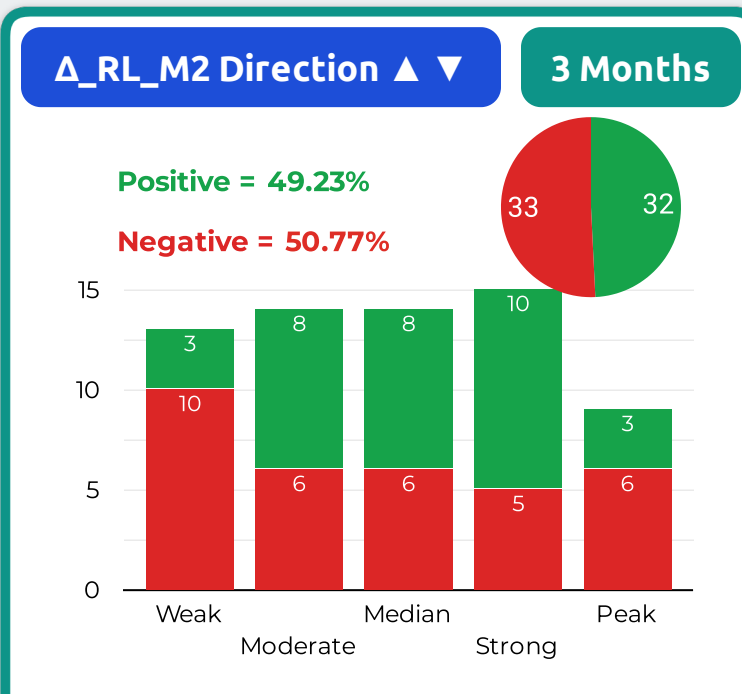
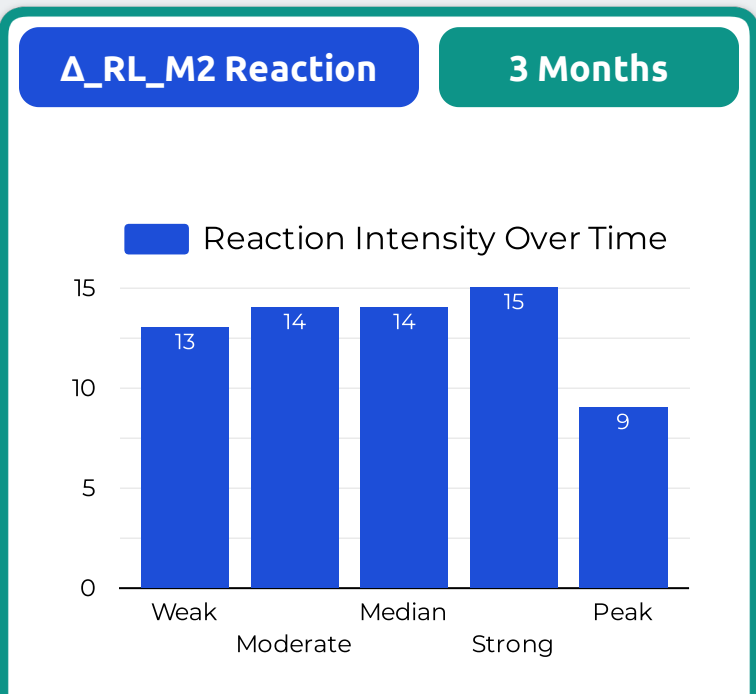
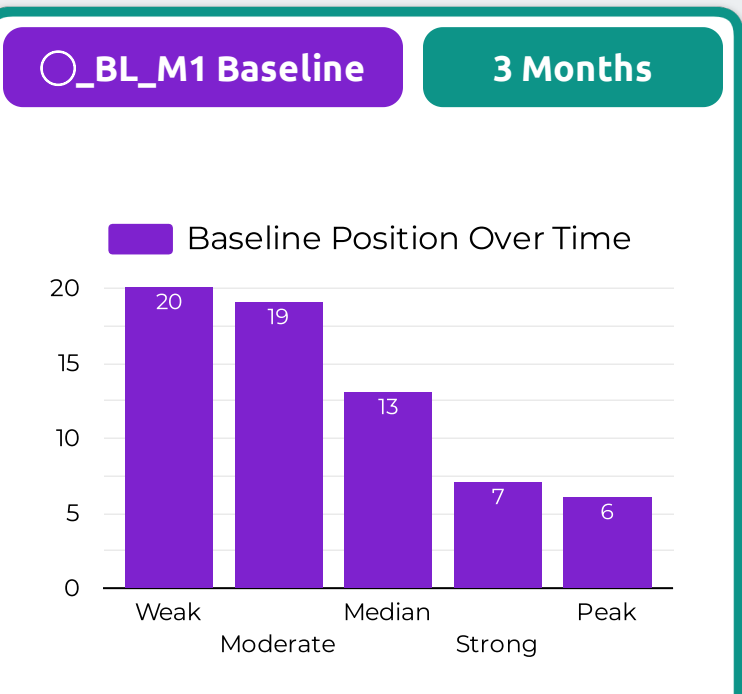
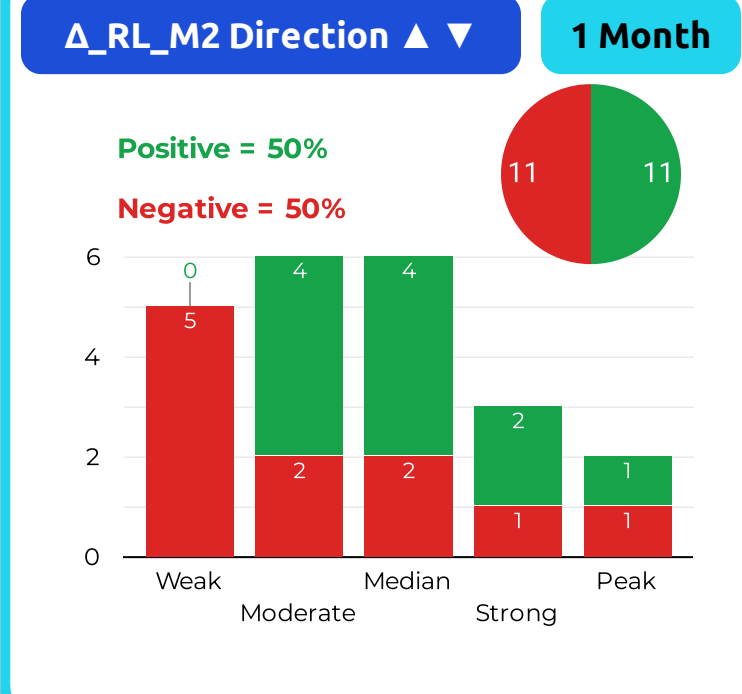
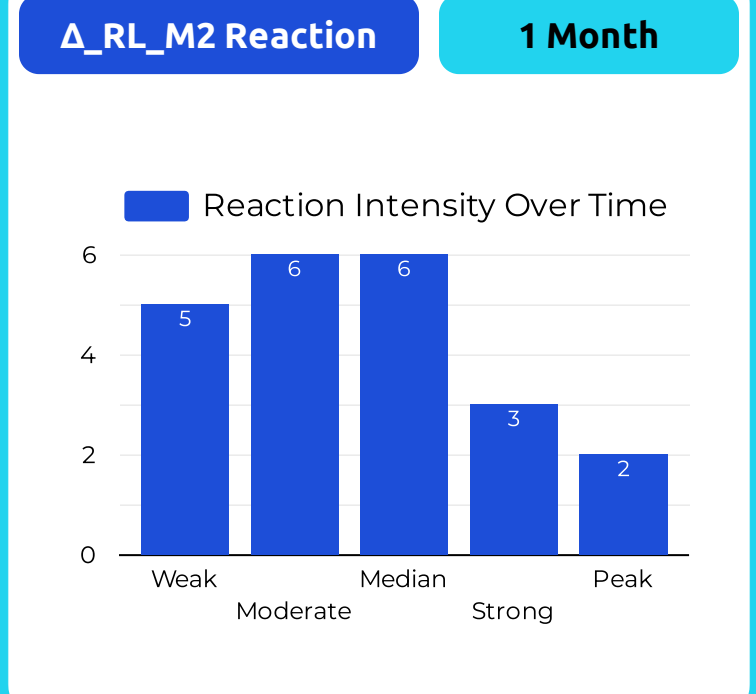
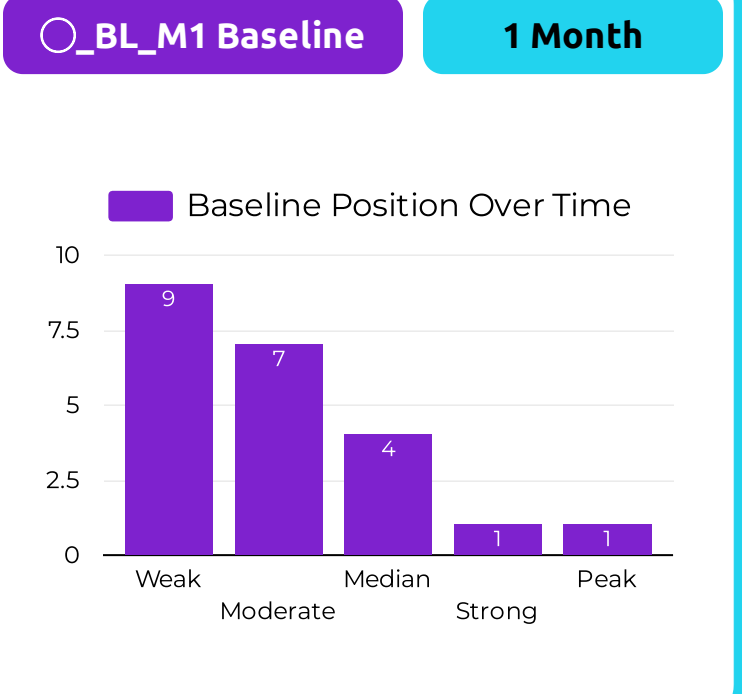
Local History Q-Bands: M1 = Raw Metric | M2 = Reaction % Change

Peak - Baseline Lens M1

Peak - Reaction Lens M2

Date	Q_BL_M1	Position	Δ_RL_M2	Peak List	Date_Q_BL...	Peak List	Date_Δ_RL...
Dec 31, 2025	Weak	First Active Date	Weak ▼	1	Dec 19, 2025	1	Dec 19, 2025
Dec 30, 2025	Weak	2nd Active Date	Weak ▼	2	Nov 25, 2025	2	Dec 17, 2025
Dec 29, 2025	Weak	3rd	Median ▼	3	Nov 21, 2025	3	Nov 13, 2025
Dec 26, 2025	Weak	4th	Moderate ▲	4	Nov 20, 2025	4	Nov 10, 2025
Dec 24, 2025	Weak	5th	Weak ▼	5	Oct 29, 2025	5	Nov 6, 2025
Dec 23, 2025	Moderate	6th	Strong ▲	6	Oct 28, 2025	6	Nov 4, 2025
Dec 22, 2025	Weak	7th	Median ▲	7	Sep 22, 2025	7	Oct 28, 2025
Dec 19, 2025	Peak	8th	Peak ▲	8	Aug 28, 2025	8	Oct 14, 2025
Dec 18, 2025	Moderate	9th	Median ▲	9	Jun 25, 2025	9	Oct 10, 2025
Dec 17, 2025	Strong	10th	Peak ▼	10	May 30, 2025	10	Sep 22, 2025

Q-Band Counts 5 Timeframes: M1 = Raw Metric | | M2 = Reaction % Change plus Directional Polarity Bias



Δ_RL_M2 Reaction

Δ_RL_M2 Average Reaction (Timeframes)

Mixed Timeframes

Additional Overlay details which so far seem useful with stable stock market data.

Reshaped Metric Values showing the Reaction Intensity averages over different timeframes.

An Overlay of Reaction Intensity as %, not quantile ranked.

These are non-negative % values before Ordinal Ranking.

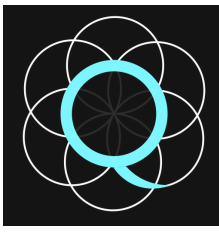
Timeframe Period	Average Reaction
10 Active Days	1.67%
1 Month	1.49%
3 Months	1.85%
6 Months	1.6%
1 Year	2.18%
Distant 6 Months	2.79%

Version 3.1 - 31 May 2026

- New Dew Point Skin
- Improved decimal point handling in QAE Engine
- Added optional Random Micro Jitter (Multiplicative)
- Added optional Random Micro Jitter for Zeros (Additive)
- Added optional Ground Zero Constant Offset
- Corrected the Weak to Peak direction on heatmaps

Version 3.2 - 20 June 2026

- Reaction % primary container. Corrected the number rounding on the panel
- Minor adjustments



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Ranked by absolute state within the Complete One-Year Range
Reshaped to Reaction Intensity from Prior State then Ranked abs 1yr range

All containers show identification badges for timeframes plus lens type with metric identity

Border colors indicate timeframes

1 Month

3 Months

6 Months

1 Year

Distant 6M

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QAE - Quintile Analysis Engine SEASONAL BACK-STITCH PAGE

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NVIDIA

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○_BL_M1 Baseline

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△_RL_M2 Reaction

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Dec 18, 2025	Moderate	9th	Median ▲
Dec 17, 2025	Strong	10th	Peak ▼

Peak List	Date_○_BL...
1	Dec 19, 2025
2	Nov 25, 2025
3	Nov 21, 2025
4	Nov 20, 2025
5	Oct 29, 2025
6	Oct 28, 2025
7	Sep 22, 2025
8	Aug 28, 2025
9	Jun 25, 2025
10	May 30, 2025

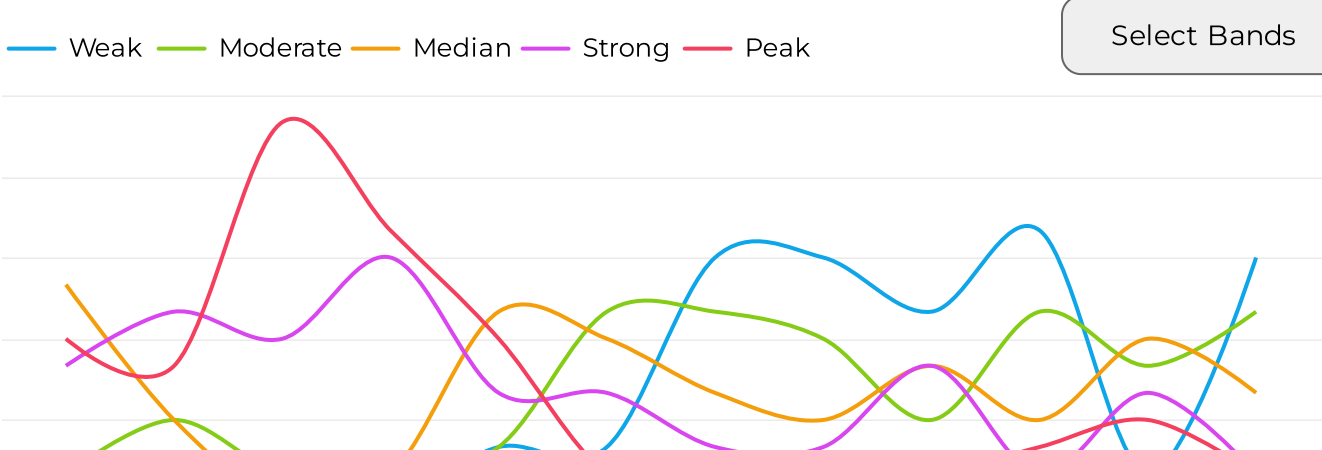
Peak List	Date_△_RL...
1	Dec 19, 2025
2	Dec 17, 2025
3	Nov 13, 2025
4	Nov 10, 2025
5	Nov 6, 2025
6	Nov 4, 2025
7	Oct 28, 2025
8	Oct 14, 2025
9	Oct 10, 2025
10	Sep 22, 2025

Monthly Q-Band Counts: ON-TOP M1 = Raw Metric ---- BELOW M2 = Reaction Intensity % Change

○_BL_M1 Baseline

Monthly Q-Band Trajectory (Isolated)

1 Year



○_BL_M1 Baseline

Monthly Q-Band Dispersion Heatmap

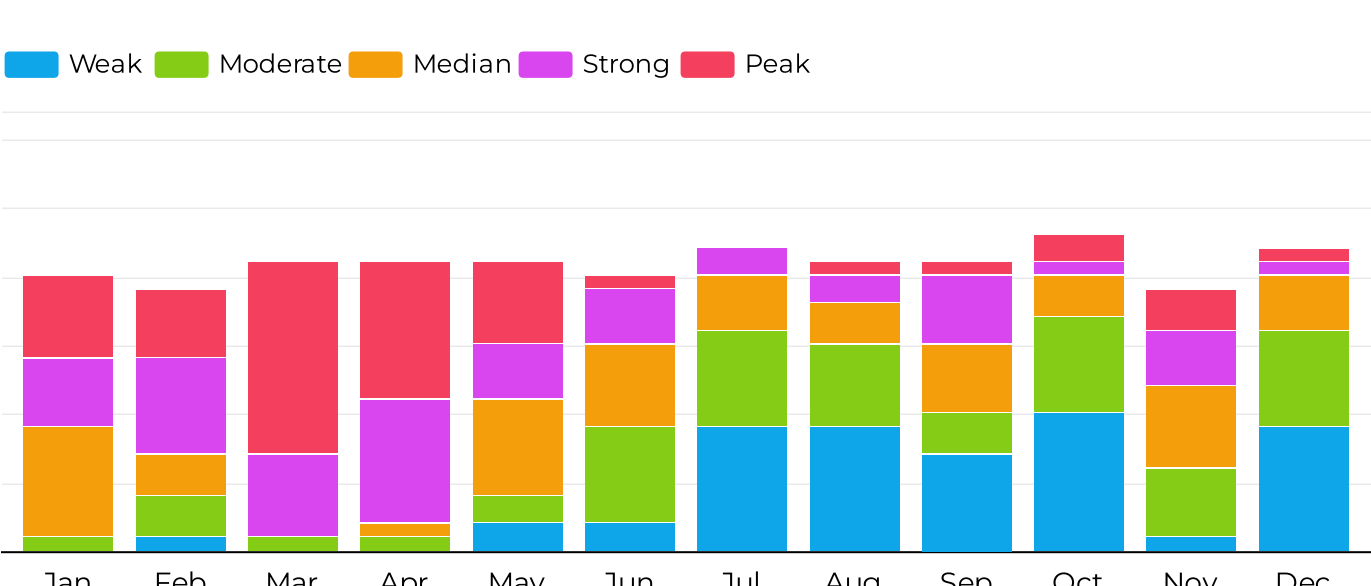
1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	6	5	14	10	6	1	0	1	1	2	3	1
Strong	5	7	6	9	4	4	2	2	5	1	4	1
Median	8	3	0	1	7	6	4	3	5	3	6	4
Moderate	1	3	1	1	2	7	7	6	3	7	5	7
Weak	0	1	0	0	2	2	9	9	7	10	1	9

○_BL_M1 Baseline

Monthly Q-Band Monthly Proportions

1 Year

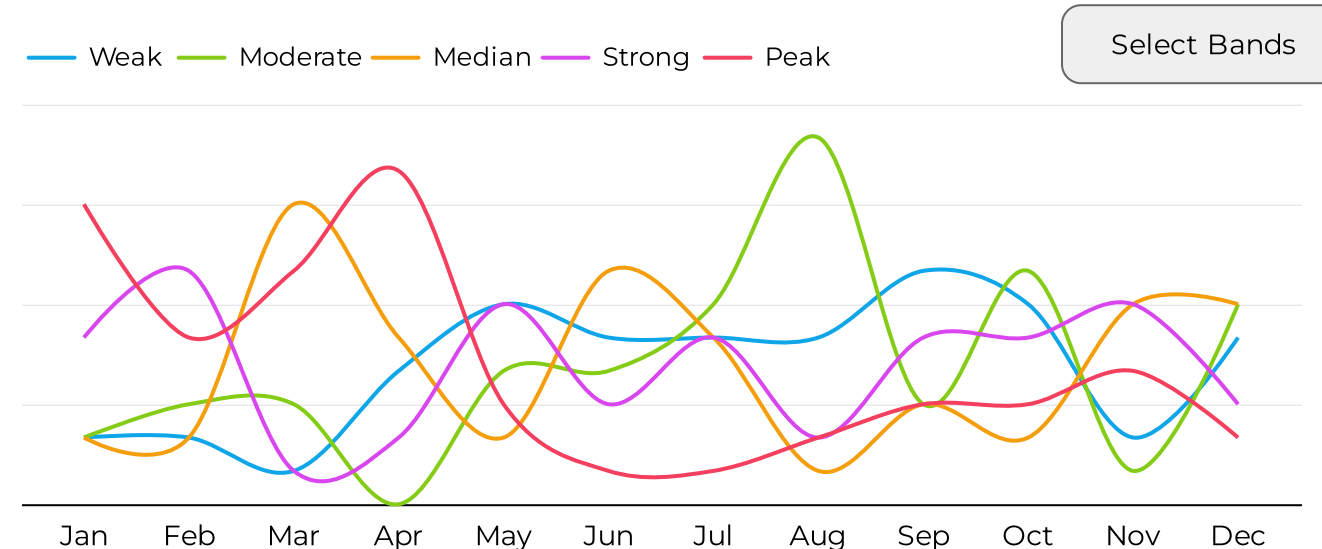


These 3 barcharts / tables leftside are all from the same underlying M1 data-table which has indexed Q-Bands assigned to monthly buckets

△_RL_M2 Reaction

Monthly Q-Band Trajectory (Isolated)

1 Year



△_RL_M2 Reaction

Monthly Q-Band Dispersion Heatmap

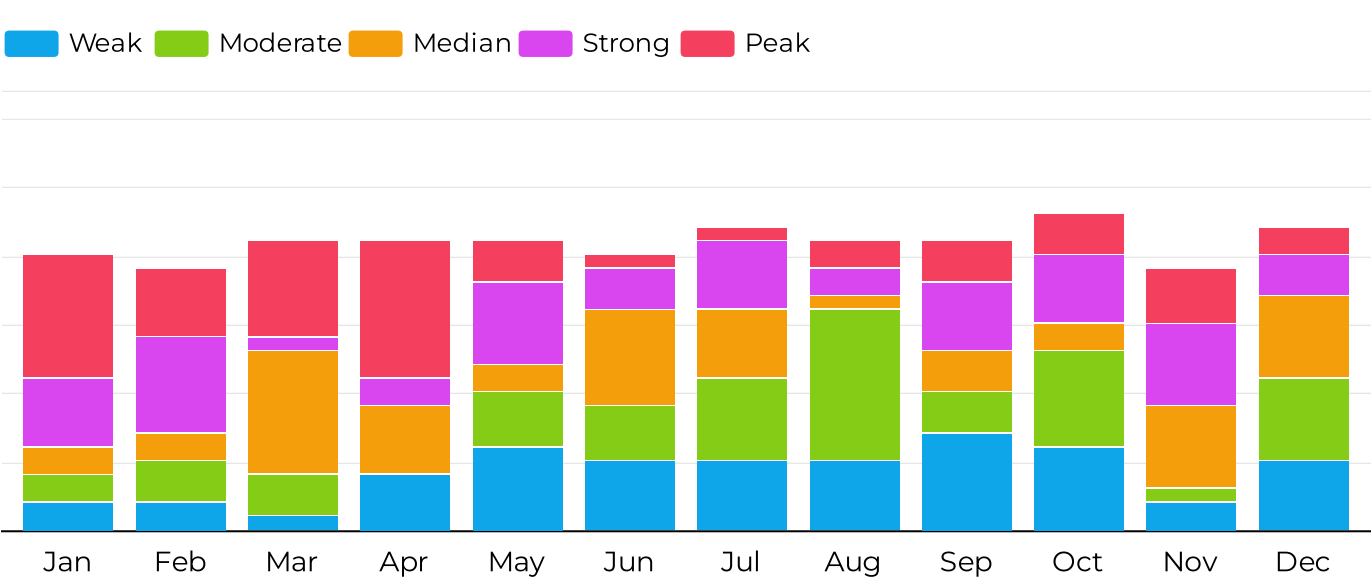
1 Year

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Peak	9	5	7	10	3	1	1	2	3	3	4	2
Strong	5	7	1	2	6	3	5	2	5	5	6	3
Median	2	2	9	5	2	7	5	1	3	2	6	6
Moderate	2	3	3	0	4	4	6	11	3	7	1	6
Weak	2	2	1	4	6	5	5	5	7	6	2	5

△_RL_M2 Reaction

Monthly Q-Band Monthly Proportions

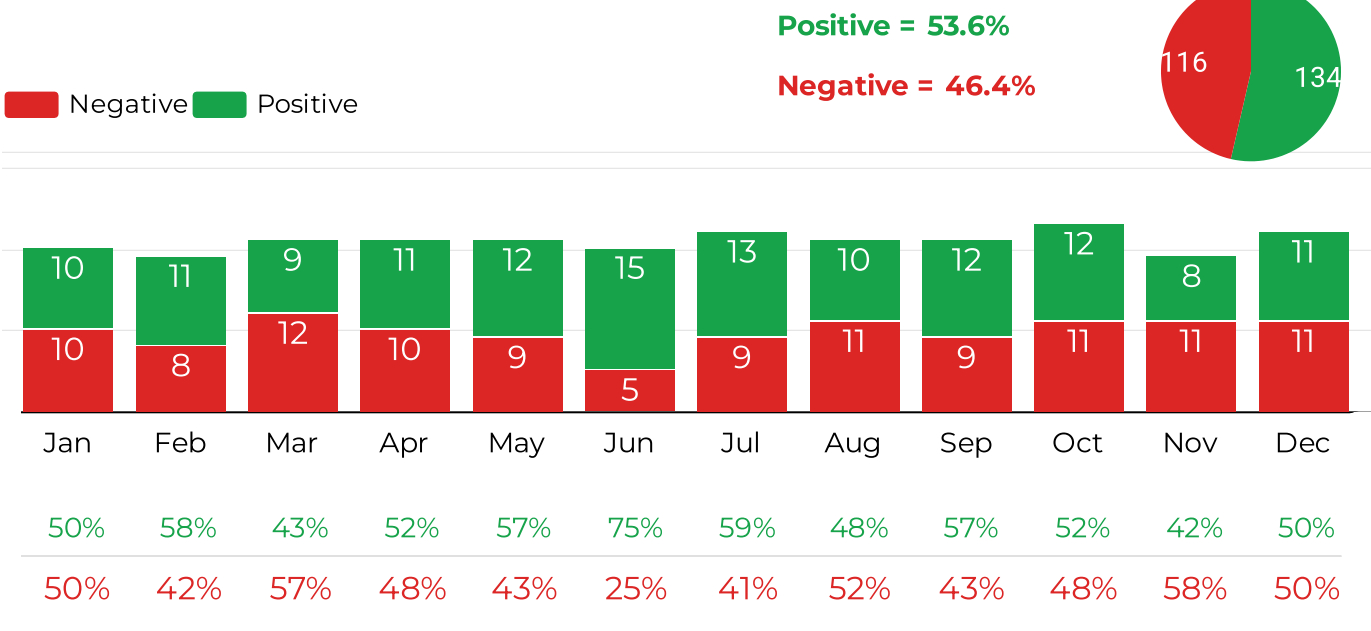
1 Year



△_RL_M2 Direction ▲ ▼

Monthly Reaction Directional Polarity

1 Year



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The Directional Bias barchart is a separated polarity data-table