

# Meaning Periodic Table — v0.2 (Calibrated)

Compiled from Truth Dynamics v2 + Trust–Survival v29 + Hope adaptive run.  
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## 1. Summary

Feeling	$\Delta$ CCI	$\Delta$ Hazard	$\Delta$ Risk	$\Delta$ Survival	Key Behavior
Meaning (M)	$+0.038 \pm 0.01$	$-0.012$	$-0.018$	$+0.027$	Raises coherence & resilience under stress
Truth (Cal)	$-0.007$	$+0.002$	$+0.004$	$\approx 0$	Maintains truth stability; minor slow recovery
Trust (Tr)	$+0.045$	$-0.020$	$-0.022$	$+0.031$	Primary stabilizer — reduces hazard & risk
Hope (Hp)	$+0.029$	$-0.010$	$-0.015$	$+0.019$	Boosts post-shock recovery and persistence

## 2. Derived Coefficients (Elasticities)

Feeling	$\partial \text{CCI} / \partial x$	$\partial \text{Hazard} / \partial x$	$\partial \text{Risk} / \partial x$	$\partial \text{Survival} / \partial x$	Stability Index (SI)
Meaning	$+0.038$	$-0.012$	$-0.018$	$+0.027$	$0.095$
Truth	$-0.007$	$+0.002$	$+0.004$	$\approx 0$	$-0.013$
Trust	$+0.045$	$-0.020$	$-0.022$	$+0.031$	$0.118$
Hope	$+0.029$	$-0.010$	$-0.015$	$+0.019$	$0.073$

## 3. Interpretation Bands

- **Stabilizers:** Trust (Tr), Meaning (M) → positive CCI gain  $> 0.03$ , hazard reduction  $> 0.01$ .
- **Catalysts:** Hope (Hp) → transient energy for recovery (0.02–0.04 window).
- **Detectors:** Truth (Cal) → keeps system aligned; ideal  $\Delta \approx 0$  (too high → rigidity).

## 4. Optimal Operating Ranges

Meaning (M):  $0.03 \leq \Delta \leq 0.05$   
Trust (Tr):  $0.04 \leq \Delta \leq 0.06$   
Hope (Hp):  $0.02 \leq \Delta \leq 0.04$   
Truth (Cal):  $-0.01 \leq \Delta \leq +0.01$

## 5. Next Phase (v0.3 Plan)

1. Add Compassion and Fear as next variables for emotional band mapping.
2. Integrate coefficients into the simulation’s meaning\_periodic\_table.csv.
3. Use OpenLaws run-scripts to validate elasticities in Phase 30 (distributed intent).
4. Visualize periodic-trend heatmap (periodic\_trends\_v03.png).

Prepared by the Heck Yeah Simulation Research Initiative.  
All numbers derived from normalized Truth Dynamics and Trust–Survival datasets (2025-10-08).