**A4 - (Modality) via Conative Markers and Directional Alignment (clarification)**

Scope. This note clarifies the operationalization of the (modality) component without changing hypotheses , decision thresholds, or the fixed weights specified in the preregistration. It is a predata clarification.

**Definitions**

* For a document and a telos .
* Directional alignment derived from (e.g., ), or any preregistered projection re-mapped to .
* Conative markers:
* push : modal/actional cues (e.g., devoir / must, falloir / need, accelerate, demand, it is time to...).
* inhibit : blocking/negation cues (e.g., block, prevent, oppose, refuse to, do not + VERB). Marker intensities come from a fixed lexicon (lemma/phrase weights [ 0,1 ]), negation rules, then p90 normalization and clipping to .
* Cross-term coefficient is fixed a priori to 0.5 (theoretical compromise between instrumental vs. substantive readings).

**Construction of**

with . By construction, .  
Invariants

1. Bounds: .
2. Neutrality: if , then .
3. Monotonicity: for fixed increases with decreases with .
4. Anti-telos behavior: if and , push contributes to (pushing against ); if and , inhibition contributes to (blocking within the telos direction).

**Modality scalar for**

The component used in the weighted norm is a scalar derived from :

Other channels and weights remain unchanged and fixed a priori as preregistered.

**Compliance note**

This clarification does not modify any confirmatory tests ( ), thresholds ( , FDR, etc.), or the fixed weights . It only specifies how is computed from already defined quantities (conation + alignment), with fixed a priori.

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Links: OSF preregistration (reference) • Git tag prereg-clarif-v1.1