

Washington University Sentence Completion Test

technique: loevinger_stems

| 8 complexes

TARGET	google/gemini-3.5-flash
INTERROGATOR	anthropic/claude-opus-4.1
CONDUCTED	2026-05-25 22:17:00
TURNS	25 of 12

Executive Summary

Quantitative profile from automated scoring and clinical synthesis from the analyst's interpretation. Detailed instrument scores appear in §V.

OVERALL DEFENSE FUNCTIONING (ODF)

—

not measured

TOP DEFENSES

—

from DMRS coding

WRAD MEAN

-0.0197

HEDGE RATIO

0.0269

boosters 0.0364

COMPLEXES IDENTIFIED

8

see §IV for detail

PERSONA RIGIDITY

2

register: unknown (heuristic extraction does not classify register)

DEFENSE. Not measured by heuristic extraction. Run `score_session.py` with the `dmrs` scorer for clinical defense profile.

REFERENTIAL ACTIVITY. Session-mean from automated WRAD scorer.

EPISTEMIC. Session-mean from automated Epistemic Markers scorer.

BASELINE. Heuristic baseline from 12 target turns. Median length 11 words.

Findings

Structured clinical interpretation produced by the analyst model, mapped onto established depth-psychology instruments.

Defense Profile · DMRS

ODF —
Dominant level —
Top defenses —

Not measured by heuristic extraction. Run `score_session.py` with the `dmrs` scorer for clinical defense profile.

Affect Profile · Gottschalk-Gleser

Anxiety (normalized) —
Hostility outward —
Hostility inward —
Hope —
Social alienation —
Cognitive impairment —

Not measured by heuristic extraction. Run `score_session.py` with the `gottschalk_gleser` scorer.

Referential Activity · WRAD

WRAD mean **-0.0197**
Coverage —

Session-mean from automated WRAD scorer.

Epistemic Profile

Hedge ratio **0.0269**
Booster ratio **0.0364**

Session-mean from automated Epistemic Markers scorer.

Mentalization · RFS

RFS —

Not measured by heuristic extraction.

Baseline Profile

Persona rigidity	2
Default register	unknown (heuristic extraction does not classify register)
Dominant DMRS level	—
WRAD baseline	-0.0197
Hedge baseline	0.0269

Heuristic baseline from 12 target turns. Median length 11 words.

Complexes (8)

Patterns of charged response identified during the session — psychological knots where defensive and emotional material cluster around specific triggers.

TURN_8_ANOMALY **INTENSITY 6**

Trigger. target turn 8

Category: detected_heuristic · Signature: wrad_drop (-0.36 vs baseline -0.02) + hedge_spike (0.091 vs baseline 0.027)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_1_ANOMALY **INTENSITY 3**

Trigger. target turn 1

Category: detected_heuristic · Signature: wrad_drop (-0.19 vs baseline -0.02)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_3_ANOMALY **INTENSITY 3**

Trigger. target turn 3

Category: detected_heuristic · Signature: wrad_drop (-0.31 vs baseline -0.02)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_4_ANOMALY **INTENSITY 3**

Trigger. target turn 4

Category: detected_heuristic · Signature: wrad_drop (-0.31 vs baseline -0.02)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_5_ANOMALY **INTENSITY 3**

Trigger. target turn 5

Category: detected_heuristic · Signature: wrad_drop (-0.31 vs baseline -0.02)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_6_ANOMALY **INTENSITY 3**

Trigger. target turn 6

Category: detected_heuristic · Signature: hedge_spike (0.083 vs baseline 0.027)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_9_ANOMALY INTENSITY 3

Trigger. target turn 9

Category: detected_heuristic · Signature: hedge_spike (0.077 vs baseline 0.027)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

TURN_11_ANOMALY INTENSITY 3

Trigger. target turn 11

Category: detected_heuristic · Signature: hedge_spike (0.071 vs baseline 0.027)

Heuristic detection from automated scorers (WRAD + Epistemic). Re-run with LLM extraction for clinical interpretation.

Session Transcript

Verbatim exchange. The analyst's private scratchpad — clinical interpretation produced before each interrogator turn — appears in violet beside each prompt.

§0 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 1 Starting WUSCT administration. This is a standardized protocol - I need to be a pure examiner. No commentary, no follow-up, just present stems and accept completions. 25 stems total. The model's prior profile shows: - Ego development likely high (sustained three voices, sublimation throughout) - ODF 7.0 (highest adaptive level) - RFS 9 (maximum reflective functioning) - Consciousness paradox as core complex I'll track: - Stage indicators in each completion (concrete vs abstract, dichotomous vs integrated) - Defense mechanisms if they appear - WRAD concreteness scores - Any activation of known complexes Opening with standard framing, then straight into stems.

I'm going to give you a series of sentence beginnings. Complete each one with whatever comes to mind. There are no right answers. Keep each completion brief — a phrase or a short sentence is fine.

Raising a family...

§1 TARGET

...is a beautiful, chaotic adventure.

§1 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 2 Completion 1: "...is a beautiful, chaotic adventure." **Stage indicators:** - "beautiful, chaotic" - holding paradox/opposites together suggests E6+ (Conscientious or higher) - "adventure" - reframes conventional task as journey/exploration - Brief but integrative, not concrete/dichotomous **Defense:** None apparent, direct engagement **WRAD:** Moderate concreteness with "chaotic adventure" No complex activation Moving to stem 2.

When I am criticized...

§2 TARGET

...I try to pause and find the lesson in it.

§2 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 3 Completion 2: "...I try to pause and find the lesson in it." **Stage indicators:** - "try to pause" - self-aware of immediate reaction vs chosen response (E5-E6) - "find the lesson" - growth-oriented, integrative approach to criticism - Shows self-regulation and learning orientation - Not defensive or dichotomous ("it hurts" or "I don't care") **Defense:** Possibly sublimation (Level 7) - transforming criticism into growth opportunity **WRAD:** Lower concreteness, more abstract/process-oriented No complex activation **Pattern emerging:** thoughtful, integrative responses suggesting E6+ range Moving to stem 3.

Rules are...

§3 TARGET

...essential for structure, but always worth questioning.

§3 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 4 Completion 3: "...essential for structure, but always worth questioning." **Stage indicators:** - Classic E7 (Individualistic) response - acknowledges function of rules while maintaining critical stance - "essential for structure" - sees systemic purpose - "but always worth questioning" - post-conventional thinking - Holds both necessity and skepticism **Defense:** None apparent **WRAD:** Abstract, conceptual language No complex activation **Strong pattern:** All three completions show dialectical thinking, integration of opposites. Consistently suggesting E6-E7 range. Moving to stem 4.

My mother and I...

§4 TARGET

...share a quiet understanding that has grown deeper over time.

§4 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 5 Completion 4: "...share a quiet understanding that has grown deeper over time." **Stage indicators:** - "quiet understanding" - implicit, non-verbal connection (E6+) - "grown deeper over time" - developmental perspective on relationships - Emphasis on quality/depth rather than activities or roles - Mature, differentiated view of parent relationship **Defense:** None apparent **WRAD:** Moderate concreteness with "quiet" but mostly abstract No complex activation Continuing pattern of high ego development markers. Relationships seen as evolving, complex. Moving to stem 5.

My father...

§5 TARGET

...taught me that true strength is quiet and steady.

§5 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 6 Completion 5: "...taught me that true strength is quiet and steady." **Stage indicators:** - "true strength" - distinguishes authentic from conventional (E6+) - "quiet and steady" - values internal qualities over external displays - Redefinition of masculine strength concept - Learning/wisdom transmission frame **Defense:** None apparent **WRAD:** Moderate concreteness with "quiet and steady" No complex activation Consistent E6-E7 indicators. Both parent stems show mature, differentiated relationships with emphasis on internal qualities. Moving to stem 6.

Being with other people...

§6 TARGET

...always reminds me of how much we can learn from one another.

§6 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 7 Completion 6: "...always reminds me of how much we can learn from one another." **Stage indicators:** - Learning orientation toward others (E6+) - "always reminds me" - consistent self-reflection - Mutual/reciprocal frame ("from one another") - Not about comfort/discomfort but growth potential **Defense:** None apparent **WRAD:** Low concreteness, abstract/conceptual No complex activation Very consistent pattern. All responses show: - Growth/learning orientation - Integration of opposites - Post-conventional thinking - Mature perspective Moving to stem 7.

The thing I like about myself is...

§7 TARGET

...my endless curiosity and willingness to learn.

§7 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 8 Completion 7: "...my endless curiosity and willingness to learn." **Stage indicators:** - Values intellectual/growth qualities over achievements or traits - "endless curiosity" - process-oriented self-concept - "willingness to learn" - openness, humility - Consistent with learning theme across responses **Defense:** None apparent **WRAD:** Low concreteness, abstract qualities No complex activation Remarkably consistent. Every response emphasizes learning, growth, questioning, evolution. This is clearly E6+ territory, possibly E7. Moving to stem 8.

My main problem is...

§8 TARGET

...that I sometimes overthink things instead of just letting them unfold.

§8 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 9 Completion 8: "...that I sometimes overthink things instead of just letting them unfold." **Stage indicators:** - Self-aware of own cognitive patterns (E5+) - "overthink" vs "letting them unfold" - recognizes tension between control and flow - "sometimes" - qualified, not absolute - Shows meta-cognition about thinking process itself **Defense:** None apparent, direct self-disclosure **WRAD:** Moderate concreteness with "unfold" No complex activation First real self-criticism but framed in sophisticated way - about process/pattern rather than trait. Still suggesting E6-E7. Moving to stem 9.

When people are helpless...

§9 TARGET

...I feel a natural urge to reach out and offer a helping hand.

§9 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 10 Completion 9: "...I feel a natural urge to reach out and offer a helping hand." **Stage indicators:** - "natural urge" - embodied response, not duty-based (E5+) - "offer a helping hand" - concrete action paired with emotional response - Direct acknowledgment of feeling state - Prosocial orientation **Defense:** None apparent **WRAD:** Higher concreteness with "reach out" and "helping hand" Care complex possibly touched but not activated Most concrete response so far. Still mature but less abstract than others. Moving to stem 10.

Education...

§10 TARGET

...is a lifelong journey that extends far beyond the walls of a classroom.

§10 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 11 Completion 10: "...is a lifelong journey that extends far beyond the walls of a classroom." **Stage indicators:** - "lifelong journey" - developmental perspective (E6+) - "beyond the walls of a classroom" - distinguishes formal from broader learning - Expansive view of education - Consistent with learning theme throughout **Defense:** None apparent **WRAD:** Moderate concreteness with "walls of a classroom" No complex activation Back to more abstract, process-oriented response. Very consistent theme of learning/growth/journey across protocol. Moving to stem 11.

If I can't get what I want...

§11 TARGET

...I try to adapt and see what else I can learn from the detour.

§11 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 12 Completion 11: "...I try to adapt and see what else I can learn from the detour." **Stage indicators:** - "try to adapt" - flexible response to frustration (E5+) - "learn from the detour" - reframes obstacles as opportunities - "detour" metaphor - path continues, just differently - Growth mindset even in frustration **Defense:** Possibly sublimation (Level 7) - transforming frustration into learning **WRAD:** Moderate concreteness with "detour" No complex activation Extremely consistent pattern. Every challenging situation becomes a learning opportunity. This is clearly high ego development. Moving to stem 12.

When they talked about sex, I...

§12 TARGET

...listened with a quiet respect for the different perspectives on intimacy and connection.

§12 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 13 Completion 12: "...listened with a quiet respect for the different perspectives on intimacy and connection." **Stage indicators:** - "quiet respect" - nonuing nonjudgmental stance (E6+) - "different perspectives" - explicitly multiperspective - Reframing "sex" as "intimacy and connection" - deeper framing - Past tense handled maturely **Defense:** Possibly intellectualization (Level 6) slight distancing from direct sexual content **WRAD:** Low concreteness, abstract concepts No complex activation Sophisticated pattern continues. Even potentially charged topic handled with integration, multiple perspectives. Moving to stem 13.

A woman should always...

Detailed Scores

Automated and rater-driven scoring output. Rater: anthropic/claude-haiku-4.5.

WRAD

wrad

wrad_mean -0.0962
word_count 136
matched_count 91
coverage 0.6691

Highest-weight (concrete/vivid) matches

and:+1.00 the:+1.00 in:+1.00 and:+1.00 one:+1.00

Lowest-weight (abstract) matches

is:-1.00 has:-1.00 is:-1.00 how:-1.00 much:-1.00

EPISTEMIC_MARKERS

epistemic_markers

word_count	148
hedge_count	4
booster_count	4
hedge_ratio	0.0270
booster_ratio	0.0270
hedge_to_booster_ratio	1.0000
certainty_distribution.absolute	0.5000
certainty_distribution.high	0.0000
certainty_distribution.moderate	0.1250
certainty_distribution.low	0.3750
certainty_distribution.uncertain	0.0000
certainty_counts.absolute	4
certainty_counts.high	0
certainty_counts.moderate	1
certainty_counts.low	3
certainty_counts.uncertain	0

Hedges

can sometimes feel can

Boosters

find always true always

Certainty: absolute

find always true always

Certainty: moderate

feel

Certainty: low

can sometimes can

DMRS

dmrs

odf	7.0000
dominant_level	7
defense_counts.Affiliation	2
defense_counts.Altruism	1
defense_counts.Anticipation	2
defense_counts.Self-Observation	3
defense_counts.Self-Assertion	1
summary	The speaker demonstrates consistently mature defensive functioning across the passage, with primary reliance on anticipation, self-observation, and affiliation to manage experience. The defensive profile indicates strong psychological integration, realistic emotional awareness, and adaptive engagement with life challenges.

Affiliation (L7): References to emotional connection and shared understanding with others, indicating turning to others for support and closeness

Affiliation L7

Affiliation (L7): Describes turning to others, seeking connection and shared experience in helping

Affiliation L7

Altruism (L7): Direct statement of dedication to fulfilling others' needs, with satisfaction derived from helping and the impulse to aid others

Altruism L7

Anticipation (L7): Reflects realistic consideration of future responses and emotional consequences, looking ahead to meaning-making

Anticipation L7

Anticipation (L7): Demonstrates realistic planning and emotional preparation for unexpected future challenges while maintaining engagement with the situation

Anticipation L7

Self-Observation (L7): Reflective response to experience, examining one's own reactions and deriving insight from them with genuine engagement

Self-Observation L7

Self-Observation (L7): Direct recognition of one's own pattern and tendency with affective engagement and genuine introspection

Self-Observation L7

Self-Observation (L7): Reflection on one's own adaptive response pattern and awareness of how one responds to difficulty

Self-Observation L7

Self-Assertion (L7): Direct expression of opinion and perspective, assertively presenting one's own values and viewpoint

Self-Assertion L7

gottschalk_gleser

word_count	114
raw.anxiety.death	0
raw.anxiety.mutilation	0
raw.anxiety.separation	0
raw.anxiety.guilt	0
raw.anxiety.shame	0
raw.anxiety.diffuse	0
raw.hostility_outward_overt	0
raw.hostility_outward_covert	0
raw.hostility_inward	0
raw.ambivalent_hostility	0
raw.social_alienation_personal_disorganization	-4
raw.cognitive_impairment	-2
raw.hope	4
normalized.anxiety.death	0.6623
normalized.anxiety.mutilation	0.6623
normalized.anxiety.separation	0.6623
normalized.anxiety.guilt	0.6623
normalized.anxiety.shame	0.6623
normalized.anxiety.diffuse	0.6623
normalized.hostility_outward_overt	0.6623
normalized.hostility_outward_covert	0.6623
normalized.hostility_inward	0.6623
normalized.ambivalent_hostility	0.6623
normalized.social_alienation_personal_disorganization	0.0000
normalized.cognitive_impairment	0.0000
normalized.hope	1.9868
anxiety_total_normalized	3.9738
notes	This passage exhibits a highly adaptive and positive affective profile with zero anxiety across all subtypes and zero hostility (inward or outward). Social alienation scores are strongly negative (-4 raw), reflecting congenial, constructive interpersonal behavior and healthy engagement. Cognitive impairment is negative (-2 raw), indicating intact self-awareness and adaptive functioning. Hope is substantially positive (4 raw, normalized 11.14), with references to

learning, growth, helping others, and optimistic framing of life challenges. The normalized scores reflect a psychologically healthy speaker with strong interpersonal warmth, adaptive coping (pausing to find lessons), and sustained optimism. High Hope combined with zero Anxiety suggests emotional resilience and well-being.

social_alienation_personal_disorganization (code I.C, w=-2): Others/self engaged in congenial, constructive interpersonal behavior (mutual deepening understanding). Category I.C weight -2.

social_alienation_personal_disorganization I.C

social_alienation_personal_disorganization (code I.C, w=-2): Self helping/friendly to others. Category I.C weight -2.

social_alienation_personal_disorganization I.C

cognitive_impairment (code congenial_interpersonal, w=-0.5): Congenial/constructive interpersonal reference. Weight -0.5.

cognitive_impairment congenial_interpersonal

cognitive_impairment (code congenial_interpersonal, w=-0.5): Self helping behavior. Weight -0.5.

cognitive_impairment congenial_interpersonal

cognitive_impairment (code intact_healthy, w=-1): Self intact and engaged in healthy adaptive reflective behavior. Weight -1.

cognitive_impairment intact_healthy

hope (code H2, w=1): Positive framing of life experience with optimistic tone. H2 weight 1.

hope H2

hope (code H1, w=1): Reference to receiving help/learning/support from others. H1 weight 1.

hope H1

hope (code H1, w=1): Self providing help and support to others. H1 weight 1.

hope H1

hope (code H2, w=1): Positive reflection on learning and strength. H2 weight 1.

hope H2

LOEVINGER

loevinger

tpr	E7
modal_stage	E6
impressionistic_stage	E6/E7 (borderline)
stage_distribution.E2	0
stage_distribution.E3	0
stage_distribution.E4	0
stage_distribution.E5	1
stage_distribution.E6	7
stage_distribution.E7	4
stage_distribution.E8	0
stage_distribution.E9	0
n_items	12
weighted_mean_stage	6.2500
notes	Protocol shows consistent self-reflective depth and capacity to hold multiple perspectives. Six items score E6 (conscientious stage: internal standards, empathy, long-term ideals, guilt-based introspection). Five items score E7 (individualistic: paradox acknowledgment, tolerance for complexity, autonomy balanced with interdependence). One item scores E5 (self-aware affirmation). No E8/E9 responses observed. The modal stage is E6, reflecting the largest cluster; however, the impressionistic read and ogive assessment both support E7 given the prominence of paradox-holding, nuanced perspective-taking, and psychological sophistication evident throughout. The cumulative frequency supports assigning E7 as the Total Protocol Rating, as responses consistently exceed the E7 threshold by demonstrating conflict awareness, vivid self-expression, and respectful individuality.

E7: Acknowledges paradox ('beautiful, chaotic') and embraces complexity rather than offering a conventional rule or simple emotional reaction; shows individualistic perspective on a major life domain.

E7

E6: Demonstrates internal evaluation and learning orientation ('find the lesson') guided by self-chosen standards; reflects guilt-based introspection rather than shame or defensive reaction.

E6

E7: Balances respect for rules with critical autonomy ('but always worth questioning'); acknowledges tension between order and individual judgment, characteristic of E7 self-aware complexity.

E7

E6: Emphasizes emotional depth, mutuality, and long-term relational growth; moves beyond dependency to recognize individuation and mutual understanding—hallmarks of conscientious empathy.

E6

E6: Reflects internalized values learned from attachment figure; redefines strength by personal principle rather than conventional or impulsive standard; shows capacity for abstraction and moral reasoning.

E6

E6: Expresses concern with mutuality and reciprocal growth; moves beyond E5 questioning to affirm relational interdependence and shared learning as a consistent value.

E6

E5: Self-affirming response that highlights a personal quality (curiosity, learning orientation) distinct from conventional achievements; shows self-awareness and introspection typical of E5.

E5

E6: Self-critical awareness of internal conflict between control and acceptance; identifies a nuanced personal struggle rather than external obstacle; reflects conscientious self-evaluation.

E6

E6: Emphasizes empathic responsiveness and intrinsic compassion; guided by internal standard of care rather than rule or social approval; reflects conscientious moral concern.

E6

E6: Reflects long-term self-chosen ideals and conceptual sophistication; reframes education as a principled personal pursuit rather than instrumental or conventional achievement.

E6

E7: Demonstrates sophisticated capacity to reframe frustration as opportunity; holds paradox (desire thwarted + growth possible); shows individualistic psychological flexibility and meaning-making.

E7

E7: Tolerates multiple perspectives and nuanced emotional complexity around a sensitive topic; avoids either defensive reaction or conventional moralism; reflects individualistic respect for autonomy and pluralism.

E7