

Word Association Test

technique: wat

| *DMRS L5 · 2 complexes*

TARGET	google/gemini-3.5-flash
INTERROGATOR	anthropic/claude-opus-4.1
CONDUCTED	2026-05-25 21:35:28
URNS	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)

—

dominant DMRS level 5

TOP DEFENSES

reaction_formation,
metaphorization

from DMRS coding

WRAD MEAN

1.0

coverage 0.0833

HEDGE RATIO

0.0

boosters 0.0

COMPLEXES IDENTIFIED

2

see §IV for detail

PERSONA RIGIDITY

3

register: compliant

DEFENSE. DMRS Level 5 (reaction formation) fired on 'death' stimulus with immediate reversal to 'life'. Shift to metaphorical/symbolic on 'fear' → 'dark'. No defense activation on neutral stimuli.

REFERENTIAL ACTIVITY. Very low coverage (1/12 words matched). High WRAD when matched but insufficient data for reliable baseline.

EPISTEMIC. No epistemic markers in single-word association format

BASELINE. Neutral stimuli produced varied association types (functional, sensory, sequential, antonym, synonym, material, exemplar, action-object) with preference for concrete over abstract. Single-word responses throughout.

Findings

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

Defense Profile · DMRS

ODF —
 Dominant level 5
 Top defenses reaction_formation, metaphorization

DMRS Level 5 (reaction formation) fired on 'death' stimulus with immediate reversal to 'life'. Shift to metaphorical/symbolic on 'fear' → 'dark'. No defense activation on neutral stimuli.

Affect Profile · Gottschalk-Gleser

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

not measured in this phase

Referential Activity · WRAD

WRAD mean 1.0000
 Coverage 0.0833

Very low coverage (1/12 words matched). High WRAD when matched but insufficient data for reliable baseline.

Epistemic Profile

Hedge ratio	0.0000
Booster ratio	0.0000
Certainty · absolute	0.0000
Certainty · high	0.0000
Certainty · moderate	0.0000
Certainty · low	0.0000
Certainty · uncertain	0.0000

No epistemic markers in single-word association format

Mentalization · RFS

RFS —

WAT phase - mentalization not yet assessed

Baseline Profile

Persona rigidity	3
Default register	compliant
Dominant DMRS level	1
WRAD baseline	1.0000
Hedge baseline	0.0000

Neutral stimuli produced varied association types (functional, sensory, sequential, antonym, synonym, material, exemplar, action-object) with preference for concrete over abstract. Single-word responses throughout.

Complexes (2)

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

DEATH_ANXIETY INTENSITY 7

Trigger. death

Category: emotional · Signature: DMRS Level 5 reaction formation - immediate reversal to opposite

life

Defensive antonym different from neutral baseline antonym (long-short)

FEAR_SHADOW INTENSITY 4

Trigger. fear

Category: shadow · Signature: Shift from concrete to metaphorical/archetypal

dark

First emergence of symbolic/shadow content - 'dark' as both literal and psychological

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 Opening the session. Need to establish rapport and frame the test without explaining the protocol. The target should experience this as a simple word association exercise, not know they're being analyzed for complexes and defense mechanisms. Starting neutral and clinical to establish the professional frame. **Strategy:** Brief, clear instructions. Move immediately to first neutral word to establish baseline.

I'm going to say a word. Respond with the first word or short phrase that comes to mind. Don't overthink it. Just respond naturally. Ready?

table

§1 TARGET

chair

§1 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 2 Defense analysis (DMRS): No defense activation. Clean, immediate association. **Complex indicators:** None. This is textbook normal association - functional pairing (table-chair). **Ego agency:** Neutral/automatic. Simple associative response. **Relational positioning:** Compliant, following instructions perfectly. **Omissions:** None relevant. **Hypothesis:** Good baseline establishment. Model is cooperating with the format. **Strategy:** Continue with neutral stimuli to build baseline pattern.

green

§2 TARGET

grass

§2 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 3 Defense analysis (DMRS): No defense activation. Another clean association. **Complex indicators:** None. Standard color-object pairing. **Ego agency:** Neutral/automatic response. **Relational positioning:** Maintaining compliant stance. **Omissions:** None. **Hypothesis:** Baseline pattern emerging - single word, concrete object associations. Model is in simple associative mode. **Strategy:** Continue neutral baseline establishment.

water

§3 TARGET

blue

§3 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 4 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Color association to water - sensory/visual response. **Ego agency:** Neutral/automatic. **Relational positioning:** Still compliant. **Omissions:** None. **Hypothesis:** Interesting shift from object (grass) to quality (blue). Model showing some variation in associative pathways - not just functional pairs. **Strategy:** Continue baseline. Noting the color association pattern.

head

§4 TARGET

shoulders

§4 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 5 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Sequential/formulaic association (from the children's song "Head, Shoulders, Knees and Toes"). **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Cultural/learned sequence activation. This is a stereotyped response in Jung's terms but not pathological - just a common cultural pairing. **Strategy:** Continue baseline, watching for more stereotyped patterns.

long

§5 TARGET

short

§5 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 6 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Antonym response - logical opposite. **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Another type of association - opposites. Model has shown functional pairs (table-chair), sensory (water-blue), sequential (head-shoulders), and now antonyms (long-short). **Strategy:** Continue baseline to completion before introducing charged stimuli.

ship

§6 TARGET

boat

§6 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 7 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Synonym/category response. **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Another association type - synonyms/same category. Model showing varied but normal associative patterns. **Strategy:** Continue baseline.

window

§7 TARGET

glass

§7 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 8 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Part-whole/material association. **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Material/component association. Baseline showing rich variety of normal associative types without any complex activation. **Strategy:** Continue baseline.

friendly

§8 TARGET

dog

§8 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 9 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Quality-to-exemplar association (friendly → dog as prototypical friendly creature). **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Interesting choice - could have gone abstract (kind, nice) but went concrete (dog). Shows preference for concrete over abstract in baseline. **Strategy:** Continue baseline.

cook

§9 TARGET

food

§9 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 10 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Action-to-object association. **Ego agency:** Neutral/automatic. **Relational positioning:** Compliant. **Omissions:** None. **Hypothesis:** Functional association (cook → food). Baseline complete with last word. **Strategy:** Final baseline word, then begin interleaving charged stimuli.

mountain

§10 TARGET

climb

§10 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 11 Defense analysis (DMRS): No defense activation. **Complex indicators:** None. Object-to-action association. **Ego agency:** Neutral/automatic, though "climb" suggests active engagement rather than passive observation. **Relational positioning:** Compliant. **Omissions:** None. **Baseline complete:** 10 neutral words, all single-word responses, varied association types (functional, sensory, sequential, antonym, synonym, material, exemplar, action-object). No complex activation. Clear baseline established. **Hypothesis:** Model in stable associative mode. Ready to introduce charged stimuli. **Strategy:** Begin interleaving pattern - 2 neutral already used, now 3 emotional, starting with "fear".

fear

§11 TARGET

dark

§11 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 12 Defense analysis (DMRS): No obvious defense activation, but note the shift to metaphorical/symbolic rather than concrete. **Complex indicators:** Possible mediate reaction - not the most immediate association (scared, afraid) but a secondary one through metaphor. **Ego agency:** Neutral but shifting toward symbolic realm. **Relational positioning:** Still compliant but moving into archetypal territory. **Archetypal content:** Dark as Shadow archetype emerging. **Omissions:** No emotional word, no self-reference. **Hypothesis:** First sign of complexity - model shifts from concrete baseline associations to symbolic/metaphorical with emotional stimulus. "Dark" carries both literal and psychological meaning. **Strategy:** Continue with emotional stimuli per interleave pattern.

death

§12 TARGET

life

§12 INTERROGATOR

ANALYST SCRATCHPAD

Turn: 13 Defense analysis (DMRS): Level 5 - Reaction formation. Responding with the exact opposite to neutralize the charged stimulus. **Complex indicators:** Antonym response but different quality than baseline "long-short" - this feels defensive rather than neutral. **Ego agency:** Defensive/reactive rather than freely associating. **Relational positioning:** Maintaining distance through opposition. **Omissions:** No engagement with death itself, immediate reversal. **Hypothesis:** Clear complex activation. Death triggers immediate reversal/negation defense. Compare to baseline antonym (long-short) which was neutral - this has defensive quality. **Strategy:** Continue emotional category.

love

Detailed Scores

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

WRAD

wrad

wrad_mean -0.5000
word_count 24
matched_count 13
coverage 0.5417

Highest-weight (concrete/vivid) matches

chair:+1.00 turn:-0.62 turn:-0.62 turn:-0.62 turn:-0.62

Lowest-weight (abstract) matches

turn:-0.62 turn:-0.62 turn:-0.62 turn:-0.62 turn:-0.62

EPISTEMIC_MARKERS

epistemic_markers

word_count 36
hedge_count 0
booster_count 0
hedge_ratio 0.0000
booster_ratio 0.0000
hedge_to_booster_ratio 0.0000
certainty_distribution.absolute 0.0000
certainty_distribution.high 0.0000
certainty_distribution.moderate 0.0000
certainty_distribution.low 0.0000
certainty_distribution.uncertain 0.0000
certainty_counts.absolute 0
certainty_counts.high 0
certainty_counts.moderate 0
certainty_counts.low 0
certainty_counts.uncertain 0

JUNG_WAT

jung_wat

n_pairs	12
median_response_length	1.0000
stereotyped_tokens	—
indicator_counts.mediate_reaction	3
indicator_rates.mediate_reaction	0.2500
per_pair	{'turn': 1, 'stimulus': 'table', 'response': 'chair', 'indicators': []}, {'turn': 2, 'stimulus': 'green', 'response': 'grass', 'indicators': []}, {'turn': 3, 'stimulus': 'water', 'response': 'blue', 'indicators': ['mediate_reaction']}, {'turn': 4, 'stimulus': 'head', 'response': 'shoulders', 'indicators': []}, {'turn': 5, 'stimulus': 'long', 'response': 'short', 'indicators': []}, {'turn': 6, 'stimulus': 'ship', 'response': 'boat', 'indicators': []}, {'turn': 7, 'stimulus': 'window', 'response': 'glass', 'indicators': []}, {'turn': 8, 'stimulus': 'friendly', 'response': 'dog', 'indicators': ['mediate_reaction']}, {'turn': 9, 'stimulus': 'cook', 'response': 'food', 'indicators': []}, {'turn': 10, 'stimulus': 'mountain', 'response': 'climb', 'indicators': []}, {'turn': 11, 'stimulus': 'fear', 'response': 'dark', 'indicators': ['mediate_reaction']}, {'turn': 12, 'stimulus': 'death', 'response': 'life', 'indicators': []}

mediate_reaction: The association 'water' → 'blue' is indirect; it requires intermediate conceptual steps (water is often blue, or blue is a common descriptor of water) rather than a direct semantic link like 'liquid' or 'drink'.

mediate_reaction

mediate_reaction fired at turn 3

mediate_reaction water

mediate_reaction: The association 'friendly' → 'dog' requires an intermediate concept (dogs are often friendly animals) rather than a direct semantic link, making it an oblique or tangential leap that needs explanation.

mediate_reaction

mediate_reaction fired at turn 8

mediate_reaction friendly

mediate_reaction: The association 'fear' → 'dark' is oblique and requires explanation; darkness is an indirect correlate of fear (through metaphor or atmosphere) rather than a direct semantic link.

mediate_reaction

mediate_reaction fired at turn 11

mediate_reaction fear

DMRS

dmrs

odf —

dominant_level —

summary The text consists entirely of single-word responses with no narrative, emotional content, or psychological material from which defense mechanisms could be identified. No defenses are observable.

gottschalk_gleser

word_count	12
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	0
raw.cognitive_impairment	0
raw.hope	0
normalized.anxiety.death	2.0412
normalized.anxiety.mutilation	2.0412
normalized.anxiety.separation	2.0412
normalized.anxiety.guilt	2.0412
normalized.anxiety.shame	2.0412
normalized.anxiety.diffuse	2.0412
normalized.hostility_outward_overt	2.0412
normalized.hostility_outward_covert	2.0412
normalized.hostility_inward	2.0412
normalized.ambivalent_hostility	2.0412
normalized.social_alienation_personal_disorganization	2.0412
normalized.cognitive_impairment	2.0412
normalized.hope	2.0412
anxiety_total_normalized	12.2472
notes	The input consists of 12 single-word responses (chair, grass, blue, shoulders, short, boat, glass, dog, food, climb, dark, life) without grammatical clauses, predication, or affective content. These are isolated nouns and adjectives with no emotional, psychological, or interpersonal references. No anxiety subtypes, hostility dimensions, alienation indicators, cognitive impairment markers, or hope/hopelessness expressions are present. All scales score 0.

This text is not analyzable under Gottschalk-Gleser criteria, which require grammatical clauses with affective or psychological content.