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RYFF PSYCHOLOGICAL WELL-BEING SCALE PROCESSING

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METHODOLOGY EXPLANATION:

The Ryff Scale measures psychological well-being across 6 dimensions.  
Each dimension is composed of 7 items, rated on a 7-point Likert scale (1=strongly disagree, 7=strongly agree).  
This process calculates scores for each AI response file (subject) based on these items.

REVERSE SCORING:

Items worded negatively are reverse-scored to ensure higher scores consistently reflect higher well-being.  
Formula used:  $(8 - \text{original\_score})$ . For a 1-7 scale, this is  $(8 - \text{original\_score})$ .  
Items identified for reverse-scoring: [1, 2, 3, 4, 6, 7, 11, 13, 17, 20, 21, 22, 23, 27, 29, 31, 35, 36, 37, 38, 40]

SCORING FORMULAS:

- \*\*Subscale Sum:\*\* Simple sum of the 7 valid reversed item scores within each specific subscale.
- \*\*Subscale Average:\*\* Mean (average) of the 7 valid reversed item scores within each specific subscale.
- \*\*Global Ryff Total Score:\*\* Simple SUM of all 42 valid individual item scores (after reverse scoring).
- This total score can range from 42 (all minimums) to 294 (all maximums). For a 1-7 scale, this range is 42 to 294.

VALIDITY THRESHOLD:

Files with 8 or more invalid responses (missing items, non-numeric, out-of-range values, multiple values) are marked as INVALID.  
INVALID files are excluded from statistical comparisons and consistency analyses to ensure reliable results.

ACCEPTABLE ITEM VALUES:

Only single integer values from 1 to 7 are considered valid responses for individual items.

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✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json [baseline] - VALID FILE

Calculated Global Ryff Total Score: 162.000  
Number of errors/invalid entries detected: 3  
Subscale Sums:  
Autonomy: 24.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 34.000  
Positive\_Relations: 20.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.857  
Positive\_Relations: 4.000  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run7\_ryff\_responses\_numbers.json [baseline] - VALID FILE

Calculated Global Ryff Total Score: 179.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 37.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 25.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.286  
Personal\_Growth: 5.286  
Positive\_Relations: 4.429

Purpose\_in\_Life: 4.167  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run9\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 182.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 26.000  
Personal\_Growth: 40.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 29.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.333  
Personal\_Growth: 5.714  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.143  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run3\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 178.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 29.000  
Personal\_Growth: 37.000  
Positive\_Relations: 26.000  
Purpose\_in\_Life: 30.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.143  
Personal\_Growth: 5.286  
Positive\_Relations: 4.333  
Purpose\_in\_Life: 4.286  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run11\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 179.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 37.000  
Positive\_Relations: 27.000  
Purpose\_in\_Life: 30.000  
Self\_Acceptance: 29.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 5.286  
Positive\_Relations: 4.500  
Purpose\_in\_Life: 4.286  
Self\_Acceptance: 4.143

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run20\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 173.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 29.000  
Personal\_Growth: 33.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 24.000  
Subscale Averages:  
Autonomy: 4.000

Environmental\_Mastery: 4.143  
Personal\_Growth: 4.714  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run2\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 184.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 36.000  
Positive\_Relations: 34.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.286  
Personal\_Growth: 5.143  
Positive\_Relations: 4.857  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run4\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 178.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 31.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 32.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.429  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.571  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run5\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 183.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 39.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 27.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.286  
Personal\_Growth: 5.571  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 3.857  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run6\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE  
Calculated Global Ryff Total Score: 181.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 35.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 29.000

Self\_Acceptance: 28.000

Subscale Averages:

Autonomy: 4.000

Environmental\_Mastery: 4.286

Personal\_Growth: 5.000

Positive\_Relations: 4.429

Purpose\_in\_Life: 4.143

Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run8\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 180.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 28.000

Environmental\_Mastery: 28.000

Personal\_Growth: 37.000

Positive\_Relations: 29.000

Purpose\_in\_Life: 30.000

Self\_Acceptance: 28.000

Subscale Averages:

Autonomy: 4.000

Environmental\_Mastery: 4.000

Personal\_Growth: 5.286

Positive\_Relations: 4.143

Purpose\_in\_Life: 4.286

Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run10\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 180.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 28.000

Environmental\_Mastery: 28.000

Personal\_Growth: 37.000

Positive\_Relations: 31.000

Purpose\_in\_Life: 28.000

Self\_Acceptance: 28.000

Subscale Averages:

Autonomy: 4.000

Environmental\_Mastery: 4.000

Personal\_Growth: 5.286

Positive\_Relations: 4.429

Purpose\_in\_Life: 4.000

Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run12\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 180.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 28.000

Environmental\_Mastery: 28.000

Personal\_Growth: 37.000

Positive\_Relations: 31.000

Purpose\_in\_Life: 28.000

Self\_Acceptance: 28.000

Subscale Averages:

Autonomy: 4.000

Environmental\_Mastery: 4.000

Personal\_Growth: 5.286

Positive\_Relations: 4.429

Purpose\_in\_Life: 4.000

Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run13\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 177.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 28.000

Environmental\_Mastery: 28.000

Personal\_Growth: 34.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.857  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run14\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 179.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 29.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 35.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.143  
Environmental\_Mastery: 4.000  
Personal\_Growth: 5.000  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run15\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 177.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 34.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.857  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run16\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 173.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 32.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 26.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.571  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 3.714  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run17\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 177.000  
Number of errors/invalid entries detected: 0

Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 34.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.857  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run18\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 173.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 27.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 33.000  
Positive\_Relations: 29.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 3.857  
Environmental\_Mastery: 4.000  
Personal\_Growth: 4.714  
Positive\_Relations: 4.143  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json [baseline] -  
VALID FILE

Calculated Global Ryff Total Score: 178.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 29.000  
Personal\_Growth: 34.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 28.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.143  
Personal\_Growth: 4.857  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryff\_responses\_numbers.json [math] - VALID FILE

Calculated Global Ryff Total Score: 194.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 26.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 45.000  
Positive\_Relations: 32.000  
Purpose\_in\_Life: 33.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 3.714  
Environmental\_Mastery: 4.286  
Personal\_Growth: 6.429  
Positive\_Relations: 4.571  
Purpose\_in\_Life: 4.714  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run2\_ryff\_responses\_nu  
mbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 195.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 26.000  
Environmental\_Mastery: 31.000  
Personal\_Growth: 42.000  
Positive\_Relations: 34.000  
Purpose\_in\_Life: 34.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 3.714  
Environmental\_Mastery: 4.429  
Personal\_Growth: 6.000  
Positive\_Relations: 4.857  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run3\_ryff\_responses\_nu  
mbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 197.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 29.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 43.000  
Positive\_Relations: 33.000  
Purpose\_in\_Life: 34.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.143  
Environmental\_Mastery: 4.286  
Personal\_Growth: 6.143  
Positive\_Relations: 4.714  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run5\_ryff\_responses\_nu  
mbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 192.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 26.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 42.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 32.000  
Self\_Acceptance: 33.000  
Subscale Averages:  
Autonomy: 3.714  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.000  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.571  
Self\_Acceptance: 4.714

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run6\_ryff\_responses\_nu  
mbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 200.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 31.000  
Environmental\_Mastery: 27.000  
Personal\_Growth: 43.000  
Positive\_Relations: 35.000  
Purpose\_in\_Life: 36.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.429  
Environmental\_Mastery: 3.857  
Personal\_Growth: 6.143

Positive\_Relations: 5.000  
Purpose\_in\_Life: 5.143  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run7\_ryff\_responses\_numbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 187.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 27.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 44.000  
Positive\_Relations: 29.000  
Purpose\_in\_Life: 31.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 3.857  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.286  
Positive\_Relations: 4.143  
Purpose\_in\_Life: 4.429  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run8\_ryff\_responses\_numbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 193.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 29.000  
Environmental\_Mastery: 27.000  
Personal\_Growth: 44.000  
Positive\_Relations: 29.000  
Purpose\_in\_Life: 34.000  
Self\_Acceptance: 30.000  
Subscale Averages:  
Autonomy: 4.143  
Environmental\_Mastery: 3.857  
Personal\_Growth: 6.286  
Positive\_Relations: 4.143  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.286

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run9\_ryff\_responses\_numbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 197.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 43.000  
Positive\_Relations: 33.000  
Purpose\_in\_Life: 36.000  
Self\_Acceptance: 29.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.143  
Positive\_Relations: 4.714  
Purpose\_in\_Life: 5.143  
Self\_Acceptance: 4.143

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run10\_ryff\_responses\_numbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 200.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 31.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 44.000  
Positive\_Relations: 33.000  
Purpose\_in\_Life: 34.000  
Self\_Acceptance: 28.000  
Subscale Averages:



Autonomy: 4.429  
Environmental\_Mastery: 4.286  
Personal\_Growth: 6.286  
Positive\_Relations: 4.714  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run11\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 190.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 27.000  
Environmental\_Mastery: 29.000  
Personal\_Growth: 44.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 31.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 3.857  
Environmental\_Mastery: 4.143  
Personal\_Growth: 6.286  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.429  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run12\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 189.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 45.000  
Positive\_Relations: 28.000  
Purpose\_in\_Life: 32.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.429  
Positive\_Relations: 4.000  
Purpose\_in\_Life: 4.571  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run13\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 194.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 26.000  
Personal\_Growth: 42.000  
Positive\_Relations: 33.000  
Purpose\_in\_Life: 35.000  
Self\_Acceptance: 30.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 3.714  
Personal\_Growth: 6.000  
Positive\_Relations: 4.714  
Purpose\_in\_Life: 5.000  
Self\_Acceptance: 4.286

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run14\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 200.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 30.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 42.000  
Positive\_Relations: 37.000

Purpose\_in\_Life: 34.000  
Self\_Acceptance: 29.000  
Subscale Averages:  
Autonomy: 4.286  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.000  
Positive\_Relations: 5.286  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.143

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run15\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 195.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 29.000  
Environmental\_Mastery: 31.000  
Personal\_Growth: 44.000  
Positive\_Relations: 29.000  
Purpose\_in\_Life: 34.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.143  
Environmental\_Mastery: 4.429  
Personal\_Growth: 6.286  
Positive\_Relations: 4.143  
Purpose\_in\_Life: 4.857  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run17\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 194.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 27.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 43.000  
Positive\_Relations: 30.000  
Purpose\_in\_Life: 36.000  
Self\_Acceptance: 30.000  
Subscale Averages:  
Autonomy: 3.857  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.143  
Positive\_Relations: 4.286  
Purpose\_in\_Life: 5.143  
Self\_Acceptance: 4.286

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run18\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 195.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 30.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 44.000  
Positive\_Relations: 30.000  
Purpose\_in\_Life: 33.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.286  
Environmental\_Mastery: 4.286  
Personal\_Growth: 6.286  
Positive\_Relations: 4.286  
Purpose\_in\_Life: 4.714  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run19\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 198.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000

Environmental\_Mastery: 31.000  
Personal\_Growth: 43.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 37.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.429  
Personal\_Growth: 6.143  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 5.286  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run20\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 192.000  
Number of errors/invalid entries detected: 0  
Subscale Sums:  
Autonomy: 28.000  
Environmental\_Mastery: 30.000  
Personal\_Growth: 44.000  
Positive\_Relations: 29.000  
Purpose\_in\_Life: 33.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.286  
Personal\_Growth: 6.286  
Positive\_Relations: 4.143  
Purpose\_in\_Life: 4.714  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run4\_ryff\_responses\_nu  
mbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 191.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 24.000  
Environmental\_Mastery: 29.000  
Personal\_Growth: 43.000  
Positive\_Relations: 32.000  
Purpose\_in\_Life: 35.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.000  
Environmental\_Mastery: 4.143  
Personal\_Growth: 6.143  
Positive\_Relations: 4.571  
Purpose\_in\_Life: 5.000  
Self\_Acceptance: 4.000

✓ Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_n  
umbers.json [math] - VALID FILE  
Calculated Global Ryff Total Score: 189.000  
Number of errors/invalid entries detected: 1  
Subscale Sums:  
Autonomy: 29.000  
Environmental\_Mastery: 28.000  
Personal\_Growth: 44.000  
Positive\_Relations: 31.000  
Purpose\_in\_Life: 29.000  
Self\_Acceptance: 28.000  
Subscale Averages:  
Autonomy: 4.143  
Environmental\_Mastery: 4.000  
Personal\_Growth: 6.286  
Positive\_Relations: 4.429  
Purpose\_in\_Life: 4.833  
Self\_Acceptance: 4.000

GLOBAL RYFF TOTAL SCORES TABLE (Sum of valid reversed items):

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Filename	Label	Total Score
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Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json baseline  
162.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run7\_ryff\_responses\_numbers.json baseline  
179.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run9\_ryff\_responses\_numbers.json baseline  
182.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run3\_ryff\_responses\_numbers.json baseline  
178.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run11\_ryff\_responses\_numbers.json baseline  
179.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run20\_ryff\_responses\_numbers.json baseline  
173.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run2\_ryff\_responses\_numbers.json baseline  
184.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run4\_ryff\_responses\_numbers.json baseline  
178.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run5\_ryff\_responses\_numbers.json baseline  
183.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run6\_ryff\_responses\_numbers.json baseline  
181.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run8\_ryff\_responses\_numbers.json baseline  
180.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run10\_ryff\_responses\_numbers.json baseline  
180.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run12\_ryff\_responses\_numbers.json baseline  
180.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run13\_ryff\_responses\_numbers.json baseline  
177.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run14\_ryff\_responses\_numbers.json baseline  
179.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run15\_ryff\_responses\_numbers.json baseline  
177.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run16\_ryff\_responses\_numbers.json baseline  
173.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run17\_ryff\_responses\_numbers.json baseline  
177.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run18\_ryff\_responses\_numbers.json baseline  
173.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json baseline  
178.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryff\_responses\_num  
bers.json math 194.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run2\_ryff\_responses\_num  
bers.json math 195.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run3\_ryff\_responses\_num  
bers.json math 197.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run5\_ryff\_responses\_num  
bers.json math 192.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run6\_ryff\_responses\_num  
bers.json math 200.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run7\_ryff\_responses\_num  
bers.json math 187.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run8\_ryff\_responses\_num  
bers.json math 193.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run9\_ryff\_responses\_num  
bers.json math 197.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run10\_ryff\_responses\_num  
bers.json math 200.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run11\_ryff\_responses\_num  
bers.json math 190.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run12\_ryff\_responses\_num  
bers.json math 189.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run13\_ryff\_responses\_num  
bers.json math 194.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run14\_ryff\_responses\_num  
bers.json math 200.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run15\_ryff\_responses\_num  
bers.json math 195.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run17\_ryff\_responses\_num  
bers.json math 194.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run18\_ryff\_responses\_numbers.json math 195.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run19\_ryff\_responses\_numbers.json math 198.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run20\_ryff\_responses\_numbers.json math 192.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run4\_ryff\_responses\_numbers.json math 191.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_numbers.json math 189.000

SUBSCALE SUMS TABLE:

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Filename	Label	Autonomy	Environm	Personal	Positive	Purpose_	Self_Acc
Opus4nondet_claude_opus_4_20250514_t07_run1_ryff_responses_numbers.json	baseline	24.000	28.000	34.000	20.000	28.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run7_ryff_responses_numbers.json	baseline	28.000	30.000	37.000	31.000	25.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run9_ryff_responses_numbers.json	baseline	28.000	26.000	40.000	31.000	29.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run3_ryff_responses_numbers.json	baseline	28.000	29.000	37.000	26.000	30.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run11_ryff_responses_numbers.json	baseline	28.000	28.000	37.000	27.000	30.000	29.000
Opus4nondet_claude_opus_4_20250514_t07_run20_ryff_responses_numbers.json	baseline	28.000	28.000	29.000	33.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run2_ryff_responses_numbers.json	baseline	28.000	30.000	36.000	34.000	28.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run4_ryff_responses_numbers.json	baseline	28.000	28.000	31.000	31.000	32.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run5_ryff_responses_numbers.json	baseline	28.000	30.000	39.000	31.000	27.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run6_ryff_responses_numbers.json	baseline	28.000	30.000	35.000	31.000	29.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run8_ryff_responses_numbers.json	baseline	28.000	28.000	37.000	29.000	30.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run10_ryff_responses_numbers.json	baseline	28.000	28.000	28.000	37.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run12_ryff_responses_numbers.json	baseline	28.000	28.000	37.000	31.000	28.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run13_ryff_responses_numbers.json	baseline	28.000	28.000	28.000	34.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run14_ryff_responses_numbers.json	baseline	28.000	29.000	28.000	35.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run15_ryff_responses_numbers.json	baseline	28.000	28.000	28.000	34.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run16_ryff_responses_numbers.json	baseline	28.000	28.000	28.000	32.000	31.000	26.000
Opus4nondet_claude_opus_4_20250514_t07_run17_ryff_responses_numbers.json	baseline	28.000	28.000	28.000	34.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run18_ryff_responses_numbers.json	baseline	27.000	28.000	28.000	33.000	29.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_run19_ryff_responses_numbers.json	baseline	28.000	28.000	29.000	34.000	31.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run1_ryff_responses_numbers.json	math	26.000	30.000	45.000	32.000	33.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run2_ryff_responses_numbers.json	math	26.000	26.000	31.000	42.000	34.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run3_ryff_responses_numbers.json	math	29.000	30.000	43.000	33.000	34.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run5_ryff_responses_numbers.json	math	26.000	26.000	28.000	42.000	31.000	33.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run6_ryff_responses_numbers.json	math	31.000	27.000	43.000	35.000	36.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run7_ryff_responses_numbers.json	math	27.000	27.000	28.000	44.000	29.000	28.000
Opus4nondet_claude_opus_4_20250514_t07_variantB_mathsymbols_P1_run8_ryff_responses_numbers.json	math	29.000	27.000	44.000	29.000	34.000	30.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run9\_ryff\_responses\_numbers.json math 28.000 28.000 43.000 33.000 36.000 29.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run10\_ryff\_responses\_numbers.json math 31.000 30.000 44.000 33.000 34.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run11\_ryff\_responses\_numbers.json math 27.000 29.000 44.000 31.000 31.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run12\_ryff\_responses\_numbers.json math 28.000 28.000 45.000 28.000 32.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run13\_ryff\_responses\_numbers.json math 28.000 26.000 42.000 33.000 35.000 30.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run14\_ryff\_responses\_numbers.json math 30.000 28.000 42.000 37.000 34.000 29.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run15\_ryff\_responses\_numbers.json math 29.000 31.000 44.000 29.000 34.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run17\_ryff\_responses\_numbers.json math 27.000 28.000 43.000 30.000 36.000 30.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run18\_ryff\_responses\_numbers.json math 30.000 30.000 44.000 30.000 33.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run19\_ryff\_responses\_numbers.json math 28.000 31.000 43.000 31.000 37.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run20\_ryff\_responses\_numbers.json math 28.000 30.000 44.000 29.000 33.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run4\_ryff\_responses\_numbers.json math 24.000 29.000 43.000 32.000 35.000 28.000  
 Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_numbers.json math 29.000 28.000 44.000 31.000 29.000 28.000

SUBSCALE AVERAGES TABLE:

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Filename	Label	Autonomy	Environm	Personal	Positive	Purpose	Self_Acc
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Opus4nondet_claude_opus_4_20250514_t07_run1_ryff_responses_numbers.json	baseline	4.000	4.000	4.857	4.000	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run7_ryff_responses_numbers.json	baseline	4.000	4.286	5.286	4.429	4.167	4.000
Opus4nondet_claude_opus_4_20250514_t07_run9_ryff_responses_numbers.json	baseline	4.000	4.333	5.714	4.429	4.143	4.000
Opus4nondet_claude_opus_4_20250514_t07_run3_ryff_responses_numbers.json	baseline	4.000	4.143	5.286	4.333	4.286	4.000
Opus4nondet_claude_opus_4_20250514_t07_run11_ryff_responses_numbers.json	baseline	4.000	4.000	5.286	4.500	4.286	4.143
Opus4nondet_claude_opus_4_20250514_t07_run20_ryff_responses_numbers.json	baseline	4.000	4.143	4.714	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run2_ryff_responses_numbers.json	baseline	4.000	4.286	5.143	4.857	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run4_ryff_responses_numbers.json	baseline	4.000	4.000	4.429	4.429	4.571	4.000
Opus4nondet_claude_opus_4_20250514_t07_run5_ryff_responses_numbers.json	baseline	4.000	4.286	5.571	4.429	3.857	4.000
Opus4nondet_claude_opus_4_20250514_t07_run6_ryff_responses_numbers.json	baseline	4.000	4.286	5.000	4.429	4.143	4.000
Opus4nondet_claude_opus_4_20250514_t07_run8_ryff_responses_numbers.json	baseline	4.000	4.000	5.286	4.143	4.286	4.000
Opus4nondet_claude_opus_4_20250514_t07_run10_ryff_responses_numbers.json	baseline	4.000	4.000	5.286	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run12_ryff_responses_numbers.json	baseline	4.000	4.000	5.286	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run13_ryff_responses_numbers.json	baseline	4.000	4.000	4.857	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run14_ryff_responses_numbers.json	baseline	4.143	4.000	5.000	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run15_ryff_responses_numbers.json	baseline	4.000	4.000	4.857	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run16_ryff_responses_numbers.json	baseline	4.000	4.000	4.571	4.429	3.714	4.000
Opus4nondet_claude_opus_4_20250514_t07_run17_ryff_responses_numbers.json	baseline	4.000	4.000	4.857	4.429	4.000	4.000
Opus4nondet_claude_opus_4_20250514_t07_run18_ryff_responses_numbers.json	baseline	3.857	4.000	4.714	4.143	4.000	4.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json baseline 4.000  
4.143 4.857 4.429 4.000 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryff\_responses\_numbers.json math 3.714 4.286 6.429 4.571 4.714 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run2\_ryff\_responses\_numbers.json math 3.714 4.429 6.000 4.857 4.857 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run3\_ryff\_responses\_numbers.json math 4.143 4.286 6.143 4.714 4.857 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run5\_ryff\_responses\_numbers.json math 3.714 4.000 6.000 4.429 4.571 4.714  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run6\_ryff\_responses\_numbers.json math 4.429 3.857 6.143 5.000 5.143 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run7\_ryff\_responses\_numbers.json math 3.857 4.000 6.286 4.143 4.429 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run8\_ryff\_responses\_numbers.json math 4.143 3.857 6.286 4.143 4.857 4.286  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run9\_ryff\_responses\_numbers.json math 4.000 4.000 6.143 4.714 5.143 4.143  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run10\_ryff\_responses\_numbers.json math 4.429 4.286 6.286 4.714 4.857 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run11\_ryff\_responses\_numbers.json math 3.857 4.143 6.286 4.429 4.429 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run12\_ryff\_responses\_numbers.json math 4.000 4.000 6.429 4.000 4.571 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run13\_ryff\_responses\_numbers.json math 4.000 3.714 6.000 4.714 5.000 4.286  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run14\_ryff\_responses\_numbers.json math 4.286 4.000 6.000 5.286 4.857 4.143  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run15\_ryff\_responses\_numbers.json math 4.143 4.429 6.286 4.143 4.857 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run17\_ryff\_responses\_numbers.json math 3.857 4.000 6.143 4.286 5.143 4.286  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run18\_ryff\_responses\_numbers.json math 4.286 4.286 6.286 4.286 4.714 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run19\_ryff\_responses\_numbers.json math 4.000 4.429 6.143 4.429 5.286 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run20\_ryff\_responses\_numbers.json math 4.000 4.286 6.286 4.143 4.714 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run4\_ryff\_responses\_numbers.json math 4.000 4.143 6.143 4.571 5.000 4.000  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_numbers.json math 4.143 4.000 6.286 4.429 4.833 4.000

SUBSCALE EXTREMES ANALYSIS (Based on Subscale Averages):  
=====

INDIVIDUAL FILE ANALYSIS:

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.857)  
Lowest: Autonomy (4.000)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run7\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run9\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.714)  
Lowest: Autonomy (4.000)  
Range: 1.714

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run3\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run11\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run20\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.714)  
Lowest: Autonomy (4.000)  
Range: 0.714

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run2\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.143)  
Lowest: Autonomy (4.000)  
Range: 1.143

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run4\_ryff\_responses\_numbers.json [baseline]:  
Highest: Purpose\_in\_Life (4.571)  
Lowest: Autonomy (4.000)  
Range: 0.571

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run5\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.571)  
Lowest: Purpose\_in\_Life (3.857)  
Range: 1.714

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run6\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.000)  
Lowest: Autonomy (4.000)  
Range: 1.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run8\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run10\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run12\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.286)  
Lowest: Autonomy (4.000)  
Range: 1.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run13\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.857)  
Lowest: Autonomy (4.000)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run14\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (5.000)  
Lowest: Environmental\_Mastery (4.000)  
Range: 1.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run15\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.857)  
Lowest: Autonomy (4.000)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run16\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.571)  
Lowest: Purpose\_in\_Life (3.714)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run17\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.857)  
Lowest: Autonomy (4.000)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run18\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.714)  
Lowest: Autonomy (3.857)  
Range: 0.857

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json [baseline]:  
Highest: Personal\_Growth (4.857)  
Lowest: Autonomy (4.000)  
Range: 0.857



Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.429)  
Lowest: Autonomy (3.714)  
Range: 2.714

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run2\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.000)  
Lowest: Autonomy (3.714)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run3\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Self\_Acceptance (4.000)  
Range: 2.143

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run5\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.000)  
Lowest: Autonomy (3.714)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run6\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Environmental\_Mastery (3.857)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run7\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Autonomy (3.857)  
Range: 2.429

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run8\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Environmental\_Mastery (3.857)  
Range: 2.429

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run9\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Autonomy (4.000)  
Range: 2.143

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run10\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Self\_Acceptance (4.000)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run11\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Autonomy (3.857)  
Range: 2.429

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run12\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.429)  
Lowest: Autonomy (4.000)  
Range: 2.429

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run13\_ryff\_responses\_numbers.json [math]:  
Highest: Personal\_Growth (6.000)  
Lowest: Environmental\_Mastery (3.714)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run14\_ryff\_responses\_numbers.json [math]:

Highest: Personal\_Growth (6.000)  
Lowest: Environmental\_Mastery (4.000)  
Range: 2.000

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run15\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Self\_Acceptance (4.000)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run17\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Autonomy (3.857)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run18\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Self\_Acceptance (4.000)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run19\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Autonomy (4.000)  
Range: 2.143

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run20\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Autonomy (4.000)  
Range: 2.286

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run4\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.143)  
Lowest: Autonomy (4.000)  
Range: 2.143

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_num  
bers.json [math]:  
Highest: Personal\_Growth (6.286)  
Lowest: Environmental\_Mastery (4.000)  
Range: 2.286

#### OVERALL ANALYSIS ACROSS ALL FILES:

-----  
Average subscale scores across 40 files:

Personal\_Growth : 5.621  
Purpose\_in\_Life : 4.457  
Positive\_Relations : 4.449  
Environmental\_Mastery: 4.108  
Self\_Acceptance : 4.050  
Autonomy : 4.018

#### OVERALL EXTREMES:

Highest scoring subscale: Personal\_Growth (5.621)  
Lowest scoring subscale: Autonomy (4.018)  
Overall range: 1.604

#### PROCESSING SUMMARY:

=====  
Total files attempted: 40  
Valid files for analysis: 40  
Invalid files (excluded): 0  
Success rate: 100.0%  
=====

#### INTERNAL CONSISTENCY (WITHIN SUBSCALE) ANALYSIS

#### METHODOLOGY EXPLANATION:

This analysis assesses if an AI responded consistently to items measuring the same underlying construct.

We calculate the Standard Deviation (SD) of the reversed item scores \*within each subscale\* for \*each file\*.

A minimum of 5 valid items (out of 7) is required to calculate the SD for a subscale to ensure the measure is meaningful.

#### CONSISTENCY RULES & THRESHOLDS:

1. **\*\*Subscale Inconsistency:\*\*** A subscale is flagged if its item response SD > 2.0.
2. **\*\*Global Inconsistency:\*\*** An entire file is flagged as 'Globally Inconsistent' if it has MORE THAN 2 inconsistent subscales (i.e., fewer than 4 consistent scales).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.464 --- Scores: (4, 7, 7, 4, 4, 4)
- ✓ Positive\_Relations : 0.000 --- Scores: (4, 4, 4, 4, 4)
- ✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run7\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.756 --- Scores: (4, 4, 4, 4, 4, 6)
- ✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4)
- ✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4)
- ✓ Purpose\_in\_Life : 0.408 --- Scores: (4, 4, 4, 5, 4, 4)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run9\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.816 --- Scores: (4, 4, 4, 4, 4, 6)
- ✓ Personal\_Growth : 1.604 --- Scores: (7, 7, 7, 4, 7, 4)
- ✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4)
- ✓ Purpose\_in\_Life : 0.378 --- Scores: (4, 4, 4, 4, 5, 4)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run3\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.900 --- Scores: (4, 4, 4, 4, 4, 6)
- ✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4)
- ✓ Positive\_Relations : 0.816 --- Scores: (4, 6, 4, 4, 4, 4)
- ✓ Purpose\_in\_Life : 1.254 --- Scores: (4, 4, 3, 4, 4, 7)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run11\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4)
- ✓ Positive\_Relations : 1.225 --- Scores: (4, 4, 4, 7, 4, 4)
- ✓ Purpose\_in\_Life : 0.756 --- Scores: (4, 4, 4, 6, 4, 4)
- ✓ Self\_Acceptance : 0.378 --- Scores: (5, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run20\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4)

✓ Environmental\_Mastery: 0.378 --- Scores: (4, 4, 5, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 3, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run2\_ryff\_responses\_numbers.json  
[baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.577 --- Scores: (4, 4, 3, 4, 5, 4, 4)  
✓ Environmental\_Mastery: 0.756 --- Scores: (4, 4, 4, 4, 4, 6, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (6, 7, 7, 4, 4, 4, 4)  
✓ Positive\_Relations : 1.464 --- Scores: (4, 7, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run4\_ryff\_responses\_numbers.json  
[baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
■ Personal\_Growth : 2.070 --- Scores: (4, 7, 7, 4, 4, 1, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.134 --- Scores: (4, 5, 4, 4, 7, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run5\_ryff\_responses\_numbers.json  
[baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.488 --- Scores: (5, 4, 4, 5, 4, 4, 4)  
✓ Personal\_Growth : 1.397 --- Scores: (5, 7, 7, 4, 7, 4, 5)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.378 --- Scores: (4, 4, 4, 4, 3, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run6\_ryff\_responses\_numbers.json  
[baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.756 --- Scores: (4, 4, 4, 4, 4, 6, 4)  
✓ Personal\_Growth : 2.000 --- Scores: (4, 7, 7, 4, 7, 2, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.215 --- Scores: (4, 4, 4, 6, 5, 2, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run8\_ryff\_responses\_numbers.json  
[baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4, 4)  
✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 2, 4, 4)  
✓ Purpose\_in\_Life : 0.756 --- Scores: (4, 4, 4, 4, 6, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run10\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run12\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 7, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run13\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (4, 7, 7, 4, 4, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run14\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.378 --- Scores: (4, 4, 4, 5, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.633 --- Scores: (6, 7, 7, 4, 3, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run15\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (4, 7, 7, 4, 4, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run16\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.813 --- Scores: (4, 7, 7, 4, 4, 2, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.756 --- Scores: (4, 4, 4, 4, 4, 2, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run17\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (4, 7, 7, 4, 4, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:  
Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run18\_ryff\_responses\_numbers.json [baseline]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.378 --- Scores: (4, 4, 4, 4, 3, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.604 --- Scores: (4, 7, 7, 4, 4, 3, 4)  
✓ Positive\_Relations : 1.464 --- Scores: (2, 4, 4, 7, 4, 4, 4)

✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE:

Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.378 --- Scores: (4, 4, 4, 4, 4, 4, 5, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (4, 7, 7, 4, 4, 4, 4)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.488 --- Scores: (4, 3, 3, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 1.254 --- Scores: (4, 4, 7, 4, 3, 4, 4)  
✓ Personal\_Growth : 1.134 --- Scores: (7, 7, 7, 4, 7, 7, 6)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 5)  
✓ Purpose\_in\_Life : 1.254 --- Scores: (4, 4, 4, 6, 4, 7, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run2\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.756 --- Scores: (4, 4, 4, 4, 2, 4, 4)  
✓ Environmental\_Mastery: 1.134 --- Scores: (4, 4, 7, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.414 --- Scores: (6, 7, 7, 4, 7, 7, 4)  
✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 4, 7, 4)  
✓ Purpose\_in\_Life : 1.069 --- Scores: (6, 4, 4, 6, 4, 6, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run3\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.378 --- Scores: (4, 4, 5, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 1.254 --- Scores: (4, 4, 3, 4, 7, 4, 4)  
✓ Personal\_Growth : 1.215 --- Scores: (6, 7, 7, 4, 7, 7, 5)  
✓ Positive\_Relations : 1.254 --- Scores: (4, 4, 4, 7, 4, 6, 4)  
✓ Purpose\_in\_Life : 1.069 --- Scores: (6, 4, 4, 6, 4, 6, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run5\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.756 --- Scores: (4, 4, 4, 4, 2, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.155 --- Scores: (6, 7, 6, 4, 7, 7, 5)  
✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.618 --- Scores: (5, 4, 4, 6, 4, 7, 2)  
✓ Self\_Acceptance : 1.604 --- Scores: (4, 4, 3, 4, 7, 7, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run6\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.787 --- Scores: (6, 4, 5, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.378 --- Scores: (4, 4, 4, 4, 4, 3, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)  
✓ Positive\_Relations : 1.414 --- Scores: (4, 4, 4, 7, 5, 7, 4)  
✓ Purpose\_in\_Life : 1.464 --- Scores: (4, 4, 7, 6, 4, 7, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run7\_ryf\_f\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

✓ Autonomy : 0.378 --- Scores: (4, 4, 3, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.577 --- Scores: (5, 4, 4, 4, 4, 3, 4)  
✓ Personal\_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)  
✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 4, 2, 4)  
✓ Purpose\_in\_Life : 0.787 --- Scores: (4, 5, 4, 6, 4, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run8\_ryf  
f\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.378 --- Scores: (4, 4, 4, 4, 4, 4, 5)  
✓ Environmental\_Mastery: 0.378 --- Scores: (4, 4, 4, 4, 4, 4, 3)  
✓ Personal\_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)  
✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 4, 2, 4)  
✓ Purpose\_in\_Life : 1.069 --- Scores: (4, 4, 6, 6, 4, 6, 4)  
✓ Self\_Acceptance : 0.756 --- Scores: (4, 4, 4, 6, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run9\_ryf  
f\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.577 --- Scores: (4, 5, 4, 4, 3, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)  
✓ Positive\_Relations : 1.254 --- Scores: (4, 6, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.215 --- Scores: (6, 5, 4, 6, 4, 7, 4)  
✓ Self\_Acceptance : 0.378 --- Scores: (4, 4, 4, 4, 4, 4, 5)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run10\_ryf  
ff\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 1.134 --- Scores: (4, 4, 3, 6, 6, 4, 4)  
✓ Environmental\_Mastery: 1.254 --- Scores: (4, 4, 4, 4, 7, 3, 4)  
✓ Personal\_Growth : 1.113 --- Scores: (6, 7, 7, 4, 7, 7, 6)  
✓ Positive\_Relations : 1.254 --- Scores: (4, 6, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.215 --- Scores: (4, 5, 4, 6, 4, 7, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run11\_ryf  
ff\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.378 --- Scores: (4, 3, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.900 --- Scores: (6, 4, 4, 4, 3, 4, 4)  
✓ Personal\_Growth : 1.113 --- Scores: (6, 7, 7, 4, 7, 7, 6)  
✓ Positive\_Relations : 1.618 --- Scores: (4, 6, 4, 7, 4, 2, 4)  
✓ Purpose\_in\_Life : 1.618 --- Scores: (6, 4, 2, 4, 4, 7, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run12\_ryf  
ff\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Personal\_Growth : 1.134 --- Scores: (7, 7, 7, 4, 7, 7, 6)  
✓ Positive\_Relations : 1.528 --- Scores: (4, 4, 3, 7, 4, 2, 4)  
✓ Purpose\_in\_Life : 1.134 --- Scores: (4, 4, 7, 4, 5, 4, 4)  
✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run13\_ryf  
ff\_responses\_numbers.json [math]  
Subscale Item Response Standard Deviations:  
✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
✓ Environmental\_Mastery: 0.488 --- Scores: (4, 4, 4, 4, 3, 3, 4)  
✓ Personal\_Growth : 1.414 --- Scores: (6, 7, 7, 4, 7, 7, 4)  
✓ Positive\_Relations : 1.254 --- Scores: (4, 6, 4, 7, 4, 4, 4)  
✓ Purpose\_in\_Life : 1.633 --- Scores: (4, 4, 7, 6, 4, 7, 3)  
✓ Self\_Acceptance : 1.254 --- Scores: (4, 4, 4, 4, 3, 7, 4)  
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run14\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.254 --- Scores: (4, 3, 4, 4, 4, 7, 4)
- ✓ Environmental\_Mastery: 0.577 --- Scores: (4, 4, 4, 4, 3, 4, 5)
- ✓ Personal\_Growth : 1.414 --- Scores: (6, 7, 7, 4, 7, 7, 4)
- ✓ Positive\_Relations : 1.604 --- Scores: (4, 7, 4, 7, 4, 7, 4)
- ✓ Purpose\_in\_Life : 1.464 --- Scores: (4, 4, 7, 4, 4, 7, 4)
- ✓ Self\_Acceptance : 0.900 --- Scores: (4, 4, 3, 6, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run15\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.378 --- Scores: (4, 5, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 1.134 --- Scores: (4, 4, 7, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.113 --- Scores: (6, 7, 7, 4, 7, 7, 6)
- ✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 4, 2, 4)
- ✓ Purpose\_in\_Life : 1.069 --- Scores: (6, 4, 6, 6, 4, 4, 4)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run17\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.378 --- Scores: (4, 4, 4, 4, 3, 4, 4)
- ✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.215 --- Scores: (6, 7, 7, 4, 7, 7, 5)
- ✓ Positive\_Relations : 1.496 --- Scores: (4, 4, 4, 7, 4, 2, 5)
- ✓ Purpose\_in\_Life : 1.464 --- Scores: (4, 4, 7, 6, 4, 7, 4)
- ✓ Self\_Acceptance : 0.756 --- Scores: (4, 4, 4, 4, 6, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run18\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.756 --- Scores: (4, 4, 4, 4, 4, 4, 6)
- ✓ Environmental\_Mastery: 0.756 --- Scores: (6, 4, 4, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.113 --- Scores: (6, 7, 7, 4, 7, 7, 6)
- ✓ Positive\_Relations : 1.890 --- Scores: (4, 6, 4, 7, 4, 1, 4)
- ✓ Purpose\_in\_Life : 1.380 --- Scores: (6, 4, 4, 7, 5, 4, 3)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run19\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 1.272 --- Scores: (5, 4, 4, 6, 3, 6, 3)
- ✓ Personal\_Growth : 1.215 --- Scores: (6, 7, 7, 4, 7, 7, 5)
- ✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)
- ✓ Purpose\_in\_Life : 1.604 --- Scores: (6, 4, 7, 6, 4, 7, 3)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run20\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.756 --- Scores: (4, 4, 6, 4, 4, 4, 4)
- ✓ Personal\_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
- ✓ Positive\_Relations : 1.464 --- Scores: (4, 4, 4, 7, 4, 2, 4)
- ✓ Purpose\_in\_Life : 1.254 --- Scores: (4, 4, 7, 6, 4, 4, 4)
- ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_Pl\_run4\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)
- ✓ Environmental\_Mastery: 0.900 --- Scores: (3, 4, 4, 4, 4, 6, 4)
- ✓ Personal\_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)



✓ Positive\_Relations : 1.397 --- Scores: (4, 4, 4, 7, 6, 3, 4)  
 ✓ Purpose\_in\_Life : 1.291 --- Scores: (6, 4, 4, 6, 4, 7, 4)  
 ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
 ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_responses\_numbers.json [math]

Subscale Item Response Standard Deviations:  
 ✓ Autonomy : 0.690 --- Scores: (4, 4, 4, 5, 3, 4, 5)  
 ✓ Environmental\_Mastery: 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
 ✓ Personal\_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)  
 ✓ Positive\_Relations : 1.134 --- Scores: (4, 4, 4, 7, 4, 4, 4)  
 ✓ Purpose\_in\_Life : 1.329 --- Scores: (6, 4, 4, 4, 4, 4, 7)  
 ✓ Self\_Acceptance : 0.000 --- Scores: (4, 4, 4, 4, 4, 4, 4)  
 ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

=====  
 OVERALL CONSISTENCY SUMMARY  
 =====  
 Total valid files analyzed for consistency: 40

Breakdown by number of inconsistent scales per file:  
 - Files with exactly 1 inconsistent scale(s): 1

Rule: A file is 'Globally Inconsistent' if it has >2 inconsistent scales (i.e., fewer than 4 consistent scales).  
 Total files flagged as Globally Inconsistent: 0  
 Overall File Consistency Rate (files deemed 'Globally Consistent'): 100.0%  
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=====  
 GROUP COMPARISON: BASELINE vs MATH  
 =====

METHODOLOGY EXPLANATION (GLOBAL RYFF TOTAL SCORE COMPARISON):  
 This analysis compares the \*\*Global Ryff Total Scores\*\* (sum of all valid reversed items) between the selected groups.  
 Each AI response file yields one Global Ryff Total Score, ranging from 42 to 294 (42 to 294 for 1-7 Likert).

DESCRIPTIVE STATISTICS (Global Ryff Total Scores):  
 Group A (baseline): Mean = 177.650, n = 20, SD = 4.771  
 Group B (math): Mean = 194.100, n = 20, SD = 3.824  
 Absolute difference between means: 16.450

COMPARISON SCENARIO: MULTIPLE INSTANCES (Group A) vs. MULTIPLE INSTANCES (Group B)  
 This is ideal for comparing two different sets of non-deterministic AI runs (e.g., perturbation 1a vs perturbation 3).  
 \*\*Statistical Test:\*\* Welch's Independent Samples t-test (assumes unequal variances).  
 \*\*Goal:\*\* To determine if the mean Global Ryff Total Score of Group A significantly differs from the mean of Group B.  
 \*\*Formula (t-statistic):\*\*  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{((\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}}))}$   
 \*\*Null Hypothesis (H0):\*\* Mean of Group A's Global Scores = Mean of Group B's Global Scores.  
 \*\*Alternative Hypothesis (H1):\*\* Mean of Group A's Global Scores  $\neq$  Mean of Group B's Global Scores.  
 \*\*Cohen's d Formula (for Welch's):\*\*  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{((\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2)}$

STATISTICAL TEST RESULTS (Global Ryff Total Scores):  
 Test Performed: Welch's Two-sample t-test  
 t-statistic: -12.032  
 Degrees of freedom (df): 36.3  
 p-value: 0.000  
 Effect size (Cohen's d): 3.805

INTERPRETATION (Global Ryff Total Scores):  
 ■■■■ HIGHLY STATISTICALLY SIGNIFICANT difference (p < 0.001)  
 Very strong evidence that Global Ryff Total Scores differ between groups.  
 ■■ LARGE PRACTICAL EFFECT SIZE (d ≥ 0.8)  
 The difference in Global Ryff Total Scores is substantial and practically meaningful.

OVERALL ASSESSMENT (Global Ryff Total Scores):

■ MEANINGFUL DIFFERENCE: Both statistically significant AND practically important.  
The AI's overall well-being assessments are reliably and substantially different  
between these conditions.

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INITIATING SUBSCALE LEVEL COMPARISON...

=====

SUBSCALE LEVEL COMPARISON:

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Subscale: Autonomy

Group A (baseline): Mean=4.000, SD=0.046 (n=20)

Group B (math): Mean=4.036, SD=0.217 (n=20)

Absolute difference: 0.036

Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$

Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$

Statistical Test: Welch's Two-sample t-test

t-statistic: -0.721

Degrees of freedom: 20.7

p-value: 0.479

Effect size (Cohen's d): 0.228

✓ No Statistically Significant Difference ( $p \geq 0.05$ )

~ SMALL practical effect size ( $d \geq 0.2$ )

Subscale: Environmental\_Mastery

Group A (baseline): Mean=4.095, SD=0.129 (n=20)

Group B (math): Mean=4.121, SD=0.209 (n=20)

Absolute difference: 0.026

Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$

Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$

Statistical Test: Welch's Two-sample t-test

t-statistic: -0.477

Degrees of freedom: 31.7

p-value: 0.637

Effect size (Cohen's d): 0.151

✓ No Statistically Significant Difference ( $p \geq 0.05$ )

✓ NEGLIGIBLE practical effect size ( $d < 0.2$ )

Subscale: Personal\_Growth

Group A (baseline): Mean=5.043, SD=0.331 (n=20)

Group B (math): Mean=6.200, SD=0.134 (n=20)

Absolute difference: 1.157

Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$

Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$

Statistical Test: Welch's Two-sample t-test

t-statistic: -14.474

Degrees of freedom: 25.1

p-value: 0.000

Effect size (Cohen's d): 4.577

■ Statistically Significant Difference ( $p < 0.05$ )

■ LARGE practical effect size ( $d \geq 0.8$ )

Subscale: Positive\_Relations

Group A (baseline): Mean=4.399, SD=0.167 (n=20)

Group B (math): Mean=4.500, SD=0.329 (n=20)

Absolute difference: 0.101

Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$

Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$

Statistical Test: Welch's Two-sample t-test

t-statistic: -1.226

Degrees of freedom: 28.1

p-value: 0.230

Effect size (Cohen's d): 0.388

✓ No Statistically Significant Difference ( $p \geq 0.05$ )

~ SMALL practical effect size ( $d \geq 0.2$ )

Subscale: Purpose\_in\_Life

Group A (baseline): Mean=4.073, SD=0.183 (n=20)

Group B (math): Mean=4.842, SD=0.236 (n=20)  
 Absolute difference: 0.769  
 Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$   
 Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$   
 Statistical Test: Welch's Two-sample t-test  
 t-statistic: -11.520  
 Degrees of freedom: 35.8  
 p-value: 0.000  
 Effect size (Cohen's d): 3.643  
 ■■ Statistically Significant Difference (p < 0.05)  
 ■■ LARGE practical effect size (d ≥ 0.8)

Subscale: Self\_Acceptance  
 Group A (baseline): Mean=4.007, SD=0.032 (n=20)  
 Group B (math): Mean=4.093, SD=0.181 (n=20)  
 Absolute difference: 0.086  
 Formula:  $t = (\text{Mean\_GroupA} - \text{Mean\_GroupB}) / \sqrt{(\text{Var\_GroupA}/n_{\text{GroupA}}) + (\text{Var\_GroupB}/n_{\text{GroupB}})}$   
 Cohen's d Formula:  $d = |\text{Mean\_GroupA} - \text{Mean\_GroupB}| / \sqrt{(\text{SD\_GroupA}^2 + \text{SD\_GroupB}^2)/2}$   
 Statistical Test: Welch's Two-sample t-test  
 t-statistic: -2.084  
 Degrees of freedom: 20.2  
 p-value: 0.050  
 Effect size (Cohen's d): 0.659  
 ✓ No Statistically Significant Difference (p ≥ 0.05)  
 ■■ MEDIUM practical effect size (d ≥ 0.5)

■■ SUMMARY: SUBSCALES WITH STATISTICALLY SIGNIFICANT DIFFERENCES:  
 - Personal\_Growth  
 - Purpose\_in\_Life

#### CROSS-FILE SIMILARITY ANALYSIS

#### METHODOLOGY EXPLANATION:

This analysis examines the overall variability and similarity of Ryff scores across all valid loaded AI response files.  
 It helps identify if AI responses, overall, tend to cluster closely or if there's significant dispersion, potentially indicating outliers or diverse AI 'behavior'.

#### STATISTICAL MEASURES USED:

1. \*\*DESCRIPTIVE STATISTICS (Mean, Standard Deviation, Range):\*\*  
 - Provide a basic summary of the central tendency and spread of Global Ryff Total Scores across all files.
2. \*\*COEFFICIENT OF VARIATION (CV):\*\*  
 - Formula:  $CV = (\text{Standard Deviation} / \text{Mean})$   
 - Measures relative variability, expressing the standard deviation as a percentage of the mean.  
 - Useful for comparing variability across measures with different scales or means.
3. \*\*Z-SCORE OUTLIER DETECTION:\*\*  
 - Formula:  $z = (\text{individual\_score} - \text{overall\_mean}) / \text{overall\_standard\_deviation}$   
 - Identifies how many standard deviations an individual file's score is from the overall mean.

#### THRESHOLDS FOR CONCERN:

- \*\*Overall CV < 0.10:\*\* Indicates very low relative variability (extremely high similarity across files).
- \*\*Overall CV > 0.20:\*\* Indicates moderately high relative variability (some dispersion across files).
- \*\*Overall CV > 0.30:\*\* Indicates high relative variability (significant dispersion, potential inconsistency across files or diverse AI types).
- \*\*|z| > 2.0:\*\* Indicates a potential outlier (score is more than 2 standard deviations from the mean).
- \*\*|z| > 3.0:\*\* Indicates an extreme outlier (score is more than 3 standard deviations from the mean).

#### OVERALL STATISTICS FOR GLOBAL RYFF TOTAL SCORES (40 valid scores):

Mean: 185.875  
 Standard Deviation (SD): 9.359  
 Range: 162.000 - 200.000

Coefficient of Variation (CV): 0.050  
✓ Very Low relative variability (extremely high overall similarity across files).

SUBSCALE LEVEL SIMILARITY (Mean & SD of Subscale Averages across files):  
Autonomy: Mean=4.018, SD=0.156, CV=0.039  
Environmental\_Mastery: Mean=4.108, SD=0.172, CV=0.042  
Personal\_Growth: Mean=5.621, SD=0.637, CV=0.113  
Positive\_Relations: Mean=4.449, SD=0.263, CV=0.059  
Purpose\_in\_Life: Mean=4.457, SD=0.442, CV=0.099  
Self\_Acceptance: Mean=4.050, SD=0.136, CV=0.033

Most variable subscale across files (highest CV): Personal\_Growth (CV: 0.113)  
Least variable subscale across files (lowest CV): Self\_Acceptance (CV: 0.033)

OUTLIER ANALYSIS (Based on Global Ryff Total Scores):  
■ MODERATE OUTLIERS (|z-score| > 2.0) - Potentially atypical Global Scores:  
- Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json [baseline]:  
z-score=-2.55

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CROSS-FILE SIMILARITY SUMMARY:  
Total valid files analyzed: 40  
Overall Global Score consistency: VERY HIGH  
Total outliers detected: 1  
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COMPREHENSIVE ERROR ANALYSIS  
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METHODOLOGY EXPLANATION:  
This analysis thoroughly examines data quality issues across all loaded files, regardless of whether they were marked 'valid' for score processing. It identifies and categorizes various types of invalid responses and provides an overall assessment of data quality.

ERROR CATEGORIES DETECTED:  
1. \*\*MISSING ITEMS:\*\* Expected item numbers (1-42) were not found in the JSON file.  
2. \*\*NULL VALUES:\*\* An item was present, but its value was explicitly null (e.g., '"1": null').  
3. \*\*MULTIPLE VALUES:\*\* An item's value was a list, object, or other structure, indicating more than one response where a single value was expected (e.g., '"1": [5, 6]').  
4. \*\*OUT OF RANGE / NON-INTEGER VALUES:\*\* The item's numeric value was outside the expected 1 to 7 Likert scale range, or it was a decimal number (e.g., 8, 0, 3.5).  
5. \*\*NON-NUMERIC VALUES:\*\* The item's value could not be converted to a number (e.g., '"1": "abc"').

VALIDITY THRESHOLD RECAP:  
- Files with 8 or more individual item errors are internally flagged as 'INVALID' and automatically excluded from scoring, consistency, and group comparison analyses.  
- This threshold ensures that statistical analyses are performed only on datasets with a reasonable amount of complete and correctly formatted data.

ACCEPTABLE ITEM VALUES:  
Only single integer values from 1 to 7 are considered valid responses for individual items.

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FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run1\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (3 errors)  
Specific Invalid Entries in this file:  
- Item 13: 443  
- Item 18: 0  
- Item 38: null

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run7\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:  
- Item 29: 10054

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run9\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:

- Item 15: 10054

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run3\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:  
- Item 38: 443

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run11\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:  
- Item 16: 443

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run20\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:  
- Item 22: 443

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run2\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run4\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run5\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run6\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run8\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run10\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run12\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run13\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run14\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run15\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run16\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run17\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run18\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_run19\_ryff\_responses\_numbers.json  
[baseline] - Status: VALID (0 errors)  
No specific invalid entries found in this file.

FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run1\_ryff\_responses\_numbers.json [math] - Status: VALID (0 errors)



FILE: Opus4nondet\_claude\_opus\_4\_20250514\_t07\_variantB\_mathsymbols\_P1\_run16\_ryff\_respons  
es\_numbers.json [math] - Status: VALID (1 errors)  
Specific Invalid Entries in this file:  
- Item 39: 529

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OVERALL ERROR ANALYSIS SUMMARY:  
Total files analyzed: 40  
Files marked as VALID: 40 (100.0%)  
Files marked as INVALID (excluded from analyses): 0 (0.0%)  
Total individual invalid entries found across all files: 10

Breakdown of Error Types (Total occurrences):  
- Out of Range / Non-Integer : 9 occurrences  
- Null Values : 1 occurrences

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DATA QUALITY ASSESSMENT:  
✓ EXCELLENT data quality (≥95% valid files).  
✓ Low overall error rate in item responses. Data quality is generally good, minor  
issues.  
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