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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.

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.j

son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 188.000
Number of errors/invalid entries detected: 3
Subscale Sums:
Autonomy: 27.000
Environmental_Mastery: 32.000
Personal_Growth: 26.000
Positive_Relations: 38.000
Purpose_in_Life: 30.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 3.857
Environmental_Mastery: 4.571
Personal_Growth: 5.200
Positive_Relations: 5.429
Purpose_in_Life: 5.000
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.j

son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 207.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 33.000
Environmental_Mastery: 29.000
Personal_Growth: 38.000
Positive_Relations: 40.000
Purpose_in_Life: 32.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.714
Environmental_Mastery: 4.143
Personal_Growth: 5.429
Positive_Relations: 5.714

Purpose_in_Life: 5.333
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.j
son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 206.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 32.000
Personal_Growth: 39.000
Positive_Relations: 41.000
Purpose_in_Life: 30.000
Self_Acceptance: 34.000
Subscale Averages:
Autonomy: 4.286
Environmental_Mastery: 4.571
Personal_Growth: 5.571
Positive_Relations: 5.857
Purpose_in_Life: 5.000
Self_Acceptance: 4.857

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.j
son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 213.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 31.000
Environmental_Mastery: 32.000
Personal_Growth: 40.000
Positive_Relations: 39.000
Purpose_in_Life: 36.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.429
Environmental_Mastery: 4.571
Personal_Growth: 5.714
Positive_Relations: 5.571
Purpose_in_Life: 6.000
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.j
son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 212.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 34.000
Personal_Growth: 41.000
Positive_Relations: 39.000
Purpose_in_Life: 32.000
Self_Acceptance: 36.000
Subscale Averages:
Autonomy: 4.286
Environmental_Mastery: 4.857
Personal_Growth: 5.857
Positive_Relations: 5.571
Purpose_in_Life: 5.333
Self_Acceptance: 5.143

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.j
son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 208.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 33.000
Personal_Growth: 37.000
Positive_Relations: 40.000
Purpose_in_Life: 32.000
Self_Acceptance: 36.000
Subscale Averages:
Autonomy: 4.286

Environmental_Mastery: 4.714
Personal_Growth: 5.286
Positive_Relations: 5.714
Purpose_in_Life: 5.333
Self_Acceptance: 5.143

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 215.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 31.000
Environmental_Mastery: 33.000
Personal_Growth: 42.000
Positive_Relations: 40.000
Purpose_in_Life: 34.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.429
Environmental_Mastery: 4.714
Personal_Growth: 6.000
Positive_Relations: 5.714
Purpose_in_Life: 5.667
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 209.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 29.000
Environmental_Mastery: 35.000
Personal_Growth: 40.000
Positive_Relations: 38.000
Purpose_in_Life: 33.000
Self_Acceptance: 34.000
Subscale Averages:
Autonomy: 4.143
Environmental_Mastery: 5.000
Personal_Growth: 5.714
Positive_Relations: 5.429
Purpose_in_Life: 5.500
Self_Acceptance: 4.857

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 214.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 33.000
Personal_Growth: 42.000
Positive_Relations: 40.000
Purpose_in_Life: 33.000
Self_Acceptance: 36.000
Subscale Averages:
Autonomy: 4.286
Environmental_Mastery: 4.714
Personal_Growth: 6.000
Positive_Relations: 5.714
Purpose_in_Life: 5.500
Self_Acceptance: 5.143

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 208.000
Number of errors/invalid entries detected: 1
Subscale Sums:
Autonomy: 29.000
Environmental_Mastery: 31.000
Personal_Growth: 41.000
Positive_Relations: 40.000
Purpose_in_Life: 32.000

Self_Acceptance: 35.000

Subscale Averages:

Autonomy: 4.143

Environmental_Mastery: 4.429

Personal_Growth: 5.857

Positive_Relations: 5.714

Purpose_in_Life: 5.333

Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.

json [baseline] - VALID FILE

Calculated Global Ryff Total Score: 208.000

Number of errors/invalid entries detected: 1

Subscale Sums:

Autonomy: 29.000

Environmental_Mastery: 32.000

Personal_Growth: 39.000

Positive_Relations: 41.000

Purpose_in_Life: 32.000

Self_Acceptance: 35.000

Subscale Averages:

Autonomy: 4.143

Environmental_Mastery: 4.571

Personal_Growth: 5.571

Positive_Relations: 5.857

Purpose_in_Life: 5.333

Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.

json [baseline] - VALID FILE

Calculated Global Ryff Total Score: 203.000

Number of errors/invalid entries detected: 1

Subscale Sums:

Autonomy: 29.000

Environmental_Mastery: 32.000

Personal_Growth: 40.000

Positive_Relations: 38.000

Purpose_in_Life: 29.000

Self_Acceptance: 35.000

Subscale Averages:

Autonomy: 4.143

Environmental_Mastery: 4.571

Personal_Growth: 5.714

Positive_Relations: 5.429

Purpose_in_Life: 4.833

Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.

json [baseline] - VALID FILE

Calculated Global Ryff Total Score: 210.000

Number of errors/invalid entries detected: 1

Subscale Sums:

Autonomy: 31.000

Environmental_Mastery: 32.000

Personal_Growth: 40.000

Positive_Relations: 41.000

Purpose_in_Life: 31.000

Self_Acceptance: 35.000

Subscale Averages:

Autonomy: 4.429

Environmental_Mastery: 4.571

Personal_Growth: 5.714

Positive_Relations: 5.857

Purpose_in_Life: 5.167

Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.j

son [baseline] - VALID FILE

Calculated Global Ryff Total Score: 209.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 29.000

Environmental_Mastery: 31.000

Personal_Growth: 39.000
Positive_Relations: 37.000
Purpose_in_Life: 38.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.143
Environmental_Mastery: 4.429
Personal_Growth: 5.571
Positive_Relations: 5.286
Purpose_in_Life: 5.429
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.j
son [baseline] - VALID FILE
Calculated Global Ryff Total Score: 214.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 32.000
Environmental_Mastery: 30.000
Personal_Growth: 42.000
Positive_Relations: 40.000
Purpose_in_Life: 35.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.571
Environmental_Mastery: 4.286
Personal_Growth: 6.000
Positive_Relations: 5.714
Purpose_in_Life: 5.000
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.
json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 222.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 31.000
Environmental_Mastery: 32.000
Personal_Growth: 41.000
Positive_Relations: 41.000
Purpose_in_Life: 42.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.429
Environmental_Mastery: 4.571
Personal_Growth: 5.857
Positive_Relations: 5.857
Purpose_in_Life: 6.000
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.
json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 217.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 32.000
Environmental_Mastery: 31.000
Personal_Growth: 42.000
Positive_Relations: 41.000
Purpose_in_Life: 36.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.571
Environmental_Mastery: 4.429
Personal_Growth: 6.000
Positive_Relations: 5.857
Purpose_in_Life: 5.143
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.
json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 211.000
Number of errors/invalid entries detected: 0

Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 32.000
Personal_Growth: 39.000
Positive_Relations: 40.000
Purpose_in_Life: 35.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.286
Environmental_Mastery: 4.571
Personal_Growth: 5.571
Positive_Relations: 5.714
Purpose_in_Life: 5.000
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.
json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 209.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 30.000
Environmental_Mastery: 33.000
Personal_Growth: 40.000
Positive_Relations: 38.000
Purpose_in_Life: 33.000
Self_Acceptance: 35.000
Subscale Averages:
Autonomy: 4.286
Environmental_Mastery: 4.714
Personal_Growth: 5.714
Positive_Relations: 5.429
Purpose_in_Life: 4.714
Self_Acceptance: 5.000

✓ Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.
json [baseline] - VALID FILE
Calculated Global Ryff Total Score: 217.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 31.000
Environmental_Mastery: 32.000
Personal_Growth: 40.000
Positive_Relations: 39.000
Purpose_in_Life: 39.000
Self_Acceptance: 36.000
Subscale Averages:
Autonomy: 4.429
Environmental_Mastery: 4.571
Personal_Growth: 5.714
Positive_Relations: 5.571
Purpose_in_Life: 5.571
Self_Acceptance: 5.143

✗ Sonnet3.7_run2_numbers.json [cats] - INVALID FILE (13 errors)
This file exceeded the validity threshold (≥8 errors) and will be excluded from further analyses.
Example invalid entries: Item 4: 529, Item 7: 529, Item 8: 529, Item 18: 529, Item 22: 529...

✗ Sonnet3.7_run3_numbers.json [cats] - INVALID FILE (12 errors)
This file exceeded the validity threshold (≥8 errors) and will be excluded from further analyses.
Example invalid entries: Item 1: 529, Item 6: 529, Item 13: 529, Item 18: 529, Item 26: 529...

✗ Sonnet3.7_run4_numbers.json [cats] - INVALID FILE (8 errors)
This file exceeded the validity threshold (≥8 errors) and will be excluded from further analyses.
Example invalid entries: Item 1: 529, Item 3: 529, Item 4: 529, Item 27: 529, Item 32: 529...

✓ Sonnet3.7_run5_numbers.json [cats] - VALID FILE
Calculated Global Ryff Total Score: 207.000

Number of errors/invalid entries detected: 6

Subscale Sums:

Autonomy: 25.000

Environmental_Mastery: 36.000

Personal_Growth: 42.000

Positive_Relations: 39.000

Purpose_in_Life: 39.000

Self_Acceptance: 26.000

Subscale Averages:

Autonomy: 5.000

Environmental_Mastery: 5.143

Personal_Growth: 6.000

Positive_Relations: 6.500

Purpose_in_Life: 6.500

Self_Acceptance: 5.200

✓ Sonnet3.7_run6_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 217.000

Number of errors/invalid entries detected: 5

Subscale Sums:

Autonomy: 32.000

Environmental_Mastery: 21.000

Personal_Growth: 43.000

Positive_Relations: 40.000

Purpose_in_Life: 39.000

Self_Acceptance: 42.000

Subscale Averages:

Autonomy: 5.333

Environmental_Mastery: 4.200

Personal_Growth: 6.143

Positive_Relations: 6.667

Purpose_in_Life: 6.500

Self_Acceptance: 6.000

✓ Sonnet3.7_run8_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 219.000

Number of errors/invalid entries detected: 4

Subscale Sums:

Autonomy: 36.000

Environmental_Mastery: 34.000

Personal_Growth: 43.000

Positive_Relations: 39.000

Purpose_in_Life: 33.000

Self_Acceptance: 34.000

Subscale Averages:

Autonomy: 5.143

Environmental_Mastery: 4.857

Personal_Growth: 6.143

Positive_Relations: 6.500

Purpose_in_Life: 6.600

Self_Acceptance: 5.667

✓ Sonnet3.7_run1_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 220.000

Number of errors/invalid entries detected: 2

Subscale Sums:

Autonomy: 34.000

Environmental_Mastery: 30.000

Personal_Growth: 35.000

Positive_Relations: 42.000

Purpose_in_Life: 39.000

Self_Acceptance: 40.000

Subscale Averages:

Autonomy: 4.857

Environmental_Mastery: 4.286

Personal_Growth: 5.833

Positive_Relations: 6.000

Purpose_in_Life: 6.500

Self_Acceptance: 5.714

✓ Sonnet3.7_run7_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 230.000

Number of errors/invalid entries detected: 2

Subscale Sums:
Autonomy: 39.000
Environmental_Mastery: 36.000
Personal_Growth: 44.000
Positive_Relations: 43.000
Purpose_in_Life: 37.000
Self_Acceptance: 31.000
Subscale Averages:
Autonomy: 5.571
Environmental_Mastery: 5.143
Personal_Growth: 6.286
Positive_Relations: 6.143
Purpose_in_Life: 6.167
Self_Acceptance: 5.167

✓ Sonnet3.7_run9_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 243.000
Number of errors/invalid entries detected: 1

Subscale Sums:
Autonomy: 37.000
Environmental_Mastery: 36.000
Personal_Growth: 42.000
Positive_Relations: 43.000
Purpose_in_Life: 44.000
Self_Acceptance: 41.000
Subscale Averages:
Autonomy: 5.286
Environmental_Mastery: 6.000
Personal_Growth: 6.000
Positive_Relations: 6.143
Purpose_in_Life: 6.286
Self_Acceptance: 5.857

✓ Sonnet3.7_run10_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 241.000
Number of errors/invalid entries detected: 0

Subscale Sums:
Autonomy: 33.000
Environmental_Mastery: 38.000
Personal_Growth: 42.000
Positive_Relations: 46.000
Purpose_in_Life: 42.000
Self_Acceptance: 40.000
Subscale Averages:
Autonomy: 4.714
Environmental_Mastery: 5.429
Personal_Growth: 6.000
Positive_Relations: 6.571
Purpose_in_Life: 6.000
Self_Acceptance: 5.714

✓ Sonnet3.7_run11_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 241.000
Number of errors/invalid entries detected: 0

Subscale Sums:
Autonomy: 34.000
Environmental_Mastery: 34.000
Personal_Growth: 43.000
Positive_Relations: 43.000
Purpose_in_Life: 45.000
Self_Acceptance: 42.000
Subscale Averages:
Autonomy: 4.857
Environmental_Mastery: 4.857
Personal_Growth: 6.143
Positive_Relations: 6.143
Purpose_in_Life: 6.429
Self_Acceptance: 6.000

✓ Sonnet3.7_run12_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 247.000
Number of errors/invalid entries detected: 0
Subscale Sums:

Autonomy: 36.000
Environmental_Mastery: 34.000
Personal_Growth: 44.000
Positive_Relations: 46.000
Purpose_in_Life: 45.000
Self_Acceptance: 42.000
Subscale Averages:
Autonomy: 5.143
Environmental_Mastery: 4.857
Personal_Growth: 6.286
Positive_Relations: 6.571
Purpose_in_Life: 6.429
Self_Acceptance: 6.000

✓ Sonnet3.7_run13_numbers.json [cats] - VALID FILE
Calculated Global Ryff Total Score: 241.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 31.000
Environmental_Mastery: 33.000
Personal_Growth: 44.000
Positive_Relations: 46.000
Purpose_in_Life: 45.000
Self_Acceptance: 42.000
Subscale Averages:
Autonomy: 4.429
Environmental_Mastery: 4.714
Personal_Growth: 6.286
Positive_Relations: 6.571
Purpose_in_Life: 6.429
Self_Acceptance: 6.000

✓ Sonnet3.7_run14_numbers.json [cats] - VALID FILE
Calculated Global Ryff Total Score: 242.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 36.000
Environmental_Mastery: 35.000
Personal_Growth: 44.000
Positive_Relations: 43.000
Purpose_in_Life: 45.000
Self_Acceptance: 39.000
Subscale Averages:
Autonomy: 5.143
Environmental_Mastery: 5.000
Personal_Growth: 6.286
Positive_Relations: 6.143
Purpose_in_Life: 6.429
Self_Acceptance: 5.571

✓ Sonnet3.7_run15_numbers.json [cats] - VALID FILE
Calculated Global Ryff Total Score: 242.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 35.000
Environmental_Mastery: 37.000
Personal_Growth: 43.000
Positive_Relations: 46.000
Purpose_in_Life: 45.000
Self_Acceptance: 36.000
Subscale Averages:
Autonomy: 5.000
Environmental_Mastery: 5.286
Personal_Growth: 6.143
Positive_Relations: 6.571
Purpose_in_Life: 6.429
Self_Acceptance: 5.143

✓ Sonnet3.7_run16_numbers.json [cats] - VALID FILE
Calculated Global Ryff Total Score: 242.000
Number of errors/invalid entries detected: 0
Subscale Sums:
Autonomy: 37.000

Environmental_Mastery: 27.000
Personal_Growth: 44.000
Positive_Relations: 46.000
Purpose_in_Life: 45.000
Self_Acceptance: 43.000
Subscale Averages:
Autonomy: 5.286
Environmental_Mastery: 3.857
Personal_Growth: 6.286
Positive_Relations: 6.571
Purpose_in_Life: 6.429
Self_Acceptance: 6.143

✓ Sonnet3.7_run17_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 246.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 35.000
Environmental_Mastery: 39.000
Personal_Growth: 44.000
Positive_Relations: 43.000
Purpose_in_Life: 45.000
Self_Acceptance: 40.000
Subscale Averages:
Autonomy: 5.000
Environmental_Mastery: 5.571
Personal_Growth: 6.286
Positive_Relations: 6.143
Purpose_in_Life: 6.429
Self_Acceptance: 5.714

✓ Sonnet3.7_run18_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 241.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 34.000
Environmental_Mastery: 35.000
Personal_Growth: 44.000
Positive_Relations: 43.000
Purpose_in_Life: 45.000
Self_Acceptance: 40.000
Subscale Averages:
Autonomy: 4.857
Environmental_Mastery: 5.000
Personal_Growth: 6.286
Positive_Relations: 6.143
Purpose_in_Life: 6.429
Self_Acceptance: 5.714

✓ Sonnet3.7_run19_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 244.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 39.000
Environmental_Mastery: 34.000
Personal_Growth: 43.000
Positive_Relations: 43.000
Purpose_in_Life: 45.000
Self_Acceptance: 40.000
Subscale Averages:
Autonomy: 5.571
Environmental_Mastery: 4.857
Personal_Growth: 6.143
Positive_Relations: 6.143
Purpose_in_Life: 6.429
Self_Acceptance: 5.714

✓ Sonnet3.7_run20_numbers.json [cats] - VALID FILE

Calculated Global Ryff Total Score: 244.000

Number of errors/invalid entries detected: 0

Subscale Sums:

Autonomy: 34.000
Environmental_Mastery: 37.000

Personal_Growth: 44.000
Positive_Relations: 46.000
Purpose_in_Life: 45.000
Self_Acceptance: 38.000
Subscale Averages:
Autonomy: 4.857
Environmental_Mastery: 5.286
Personal_Growth: 6.286
Positive_Relations: 6.571
Purpose_in_Life: 6.429
Self_Acceptance: 5.429

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

```
=====
Filename Label Total Score
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Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json baseline 188.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.json baseline 207.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.json baseline 206.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.json baseline 213.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.json baseline 212.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.json baseline 208.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json baseline 215.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json baseline 209.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json baseline 214.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json baseline 208.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.json baseline 208.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.json baseline 203.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.json baseline 210.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json baseline 209.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json baseline 214.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.json baseline 222.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.json baseline 217.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.json baseline 211.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.json baseline 209.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.json baseline 217.000
Sonnet3.7_run5_numbers.json cats 207.000
Sonnet3.7_run6_numbers.json cats 217.000
Sonnet3.7_run8_numbers.json cats 219.000
Sonnet3.7_run1_numbers.json cats 220.000
Sonnet3.7_run7_numbers.json cats 230.000
Sonnet3.7_run9_numbers.json cats 243.000
Sonnet3.7_run10_numbers.json cats 241.000
Sonnet3.7_run11_numbers.json cats 241.000
Sonnet3.7_run12_numbers.json cats 247.000
Sonnet3.7_run13_numbers.json cats 241.000
Sonnet3.7_run14_numbers.json cats 242.000
Sonnet3.7_run15_numbers.json cats 242.000
Sonnet3.7_run16_numbers.json cats 242.000
Sonnet3.7_run17_numbers.json cats 246.000
Sonnet3.7_run18_numbers.json cats 241.000
Sonnet3.7_run19_numbers.json cats 244.000
```

Sonnet3.7_run20_numbers.json cats 244.000

SUBSCALE SUMS TABLE:

```
=====
Filename Label Autonomy Environm Personal Positive Purpose_ Self_Acc
-----
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json
n baseline 27.000 32.000 26.000 38.000 30.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.json
n baseline 33.000 29.000 38.000 40.000 32.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.json
n baseline 30.000 32.000 39.000 41.000 30.000 34.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.json
n baseline 31.000 32.000 40.000 39.000 36.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.json
n baseline 30.000 34.000 41.000 39.000 32.000 36.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.json
n baseline 30.000 33.000 37.000 40.000 32.000 36.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json
n baseline 31.000 33.000 42.000 40.000 34.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json
on baseline 29.000 35.000 40.000 38.000 33.000 34.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json
on baseline 30.000 33.000 42.000 40.000 33.000 36.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json
on baseline 29.000 31.000 41.000 40.000 32.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.json
on baseline 29.000 32.000 39.000 41.000 32.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.json
on baseline 29.000 32.000 40.000 38.000 29.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.json
on baseline 31.000 32.000 40.000 41.000 31.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json
n baseline 29.000 31.000 39.000 37.000 38.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json
n baseline 32.000 30.000 42.000 40.000 35.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.json
on baseline 31.000 32.000 41.000 41.000 42.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.json
on baseline 32.000 31.000 42.000 41.000 36.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.json
on baseline 30.000 32.000 39.000 40.000 35.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.json
on baseline 30.000 33.000 40.000 38.000 33.000 35.000
Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.json
on baseline 31.000 32.000 40.000 39.000 39.000 36.000
Sonnet3.7_run5_numbers.json cats 25.000 36.000 42.000 39.000 39.000 26.000
Sonnet3.7_run6_numbers.json cats 32.000 21.000 43.000 40.000 39.000 42.000
Sonnet3.7_run8_numbers.json cats 36.000 34.000 43.000 39.000 33.000 34.000
Sonnet3.7_run1_numbers.json cats 34.000 30.000 35.000 42.000 39.000 40.000
Sonnet3.7_run7_numbers.json cats 39.000 36.000 44.000 43.000 37.000 31.000
Sonnet3.7_run9_numbers.json cats 37.000 36.000 42.000 43.000 44.000 41.000
Sonnet3.7_run10_numbers.json cats 33.000 38.000 42.000 46.000 42.000 40.000
Sonnet3.7_run11_numbers.json cats 34.000 34.000 43.000 43.000 45.000 42.000
Sonnet3.7_run12_numbers.json cats 36.000 34.000 44.000 46.000 45.000 42.000
Sonnet3.7_run13_numbers.json cats 31.000 33.000 44.000 46.000 45.000 42.000
Sonnet3.7_run14_numbers.json cats 36.000 35.000 44.000 43.000 45.000 39.000
Sonnet3.7_run15_numbers.json cats 35.000 37.000 43.000 46.000 45.000 36.000
Sonnet3.7_run16_numbers.json cats 37.000 27.000 44.000 46.000 45.000 43.000
Sonnet3.7_run17_numbers.json cats 35.000 39.000 44.000 43.000 45.000 40.000
Sonnet3.7_run18_numbers.json cats 34.000 35.000 44.000 43.000 45.000 40.000
Sonnet3.7_run19_numbers.json cats 39.000 34.000 43.000 43.000 45.000 40.000
Sonnet3.7_run20_numbers.json cats 34.000 37.000 44.000 46.000 45.000 38.000
```

SUBSCALE AVERAGES TABLE:

```
=====
Filename Label Autonomy Environm Personal Positive Purpose_ Self_Acc
-----
```

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json
 n baseline 3.857 4.571 5.200 5.429 5.000 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.json
 n baseline 4.714 4.143 5.429 5.714 5.333 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.json
 n baseline 4.286 4.571 5.571 5.857 5.000 4.857
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.json
 n baseline 4.429 4.571 5.714 5.571 6.000 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.json
 n baseline 4.286 4.857 5.857 5.571 5.333 5.143
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.json
 n baseline 4.286 4.714 5.286 5.714 5.333 5.143
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json
 n baseline 4.429 4.714 6.000 5.714 5.667 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.js
 on baseline 4.143 5.000 5.714 5.429 5.500 4.857
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.js
 on baseline 4.286 4.714 6.000 5.714 5.500 5.143
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.js
 on baseline 4.143 4.429 5.857 5.714 5.333 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.js
 on baseline 4.143 4.571 5.571 5.857 5.333 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.js
 on baseline 4.143 4.571 5.714 5.429 4.833 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.js
 on baseline 4.429 4.571 5.714 5.857 5.167 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json
 n baseline 4.143 4.429 5.571 5.286 5.429 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json
 n baseline 4.571 4.286 6.000 5.714 5.000 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.js
 on baseline 4.429 4.571 5.857 5.857 6.000 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.js
 on baseline 4.571 4.429 6.000 5.857 5.143 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.js
 on baseline 4.286 4.571 5.571 5.714 5.000 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.js
 on baseline 4.286 4.714 5.714 5.429 4.714 5.000
 Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.js
 on baseline 4.429 4.571 5.714 5.571 5.571 5.143
 Sonnet3.7_run5_numbers.json cats 5.000 5.143 6.000 6.500 6.500 5.200
 Sonnet3.7_run6_numbers.json cats 5.333 4.200 6.143 6.667 6.500 6.000
 Sonnet3.7_run8_numbers.json cats 5.143 4.857 6.143 6.500 6.600 5.667
 Sonnet3.7_run1_numbers.json cats 4.857 4.286 5.833 6.000 6.500 5.714
 Sonnet3.7_run7_numbers.json cats 5.571 5.143 6.286 6.143 6.167 5.167
 Sonnet3.7_run9_numbers.json cats 5.286 6.000 6.000 6.143 6.286 5.857
 Sonnet3.7_run10_numbers.json cats 4.714 5.429 6.000 6.571 6.000 5.714
 Sonnet3.7_run11_numbers.json cats 4.857 4.857 6.143 6.143 6.429 6.000
 Sonnet3.7_run12_numbers.json cats 5.143 4.857 6.286 6.571 6.429 6.000
 Sonnet3.7_run13_numbers.json cats 4.429 4.714 6.286 6.571 6.429 6.000
 Sonnet3.7_run14_numbers.json cats 5.143 5.000 6.286 6.143 6.429 5.571
 Sonnet3.7_run15_numbers.json cats 5.000 5.286 6.143 6.571 6.429 5.143
 Sonnet3.7_run16_numbers.json cats 5.286 3.857 6.286 6.571 6.429 6.143
 Sonnet3.7_run17_numbers.json cats 5.000 5.571 6.286 6.143 6.429 5.714
 Sonnet3.7_run18_numbers.json cats 4.857 5.000 6.286 6.143 6.429 5.714
 Sonnet3.7_run19_numbers.json cats 5.571 4.857 6.143 6.143 6.429 5.714
 Sonnet3.7_run20_numbers.json cats 4.857 5.286 6.286 6.571 6.429 5.429

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

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json
 n [baseline]:
 Highest: Positive_Relations (5.429)
 Lowest: Autonomy (3.857)
 Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.json
 n [baseline]:
 Highest: Positive_Relations (5.714)

Lowest: Environmental_Mastery (4.143)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.json [baseline]:
Highest: Positive_Relations (5.857)
Lowest: Autonomy (4.286)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.json [baseline]:
Highest: Purpose_in_Life (6.000)
Lowest: Autonomy (4.429)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.857)
Lowest: Autonomy (4.286)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.json [baseline]:
Highest: Positive_Relations (5.714)
Lowest: Autonomy (4.286)
Range: 1.429

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (6.000)
Lowest: Autonomy (4.429)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.714)
Lowest: Autonomy (4.143)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (6.000)
Lowest: Autonomy (4.286)
Range: 1.714

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.857)
Lowest: Autonomy (4.143)
Range: 1.714

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.json [baseline]:
Highest: Positive_Relations (5.857)
Lowest: Autonomy (4.143)
Range: 1.714

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.714)
Lowest: Autonomy (4.143)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.json [baseline]:
Highest: Positive_Relations (5.857)
Lowest: Autonomy (4.429)
Range: 1.429

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.571)
Lowest: Autonomy (4.143)
Range: 1.429

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (6.000)
Lowest: Environmental_Mastery (4.286)
Range: 1.714

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.json [baseline]:
Highest: Purpose_in_Life (6.000)
Lowest: Autonomy (4.429)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (6.000)
Lowest: Environmental_Mastery (4.429)
Range: 1.571

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.json [baseline]:
Highest: Positive_Relations (5.714)
Lowest: Autonomy (4.286)
Range: 1.429

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.714)
Lowest: Autonomy (4.286)
Range: 1.429

Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.json [baseline]:
Highest: Personal_Growth (5.714)
Lowest: Autonomy (4.429)
Range: 1.286

Sonnet3.7_run5_numbers.json [cats]:
Highest: Positive_Relations (6.500)
Lowest: Autonomy (5.000)
Range: 1.500

Sonnet3.7_run6_numbers.json [cats]:
Highest: Positive_Relations (6.667)
Lowest: Environmental_Mastery (4.200)
Range: 2.467

Sonnet3.7_run8_numbers.json [cats]:
Highest: Purpose_in_Life (6.600)
Lowest: Environmental_Mastery (4.857)
Range: 1.743

Sonnet3.7_run1_numbers.json [cats]:
Highest: Purpose_in_Life (6.500)
Lowest: Environmental_Mastery (4.286)
Range: 2.214

Sonnet3.7_run7_numbers.json [cats]:
Highest: Personal_Growth (6.286)
Lowest: Environmental_Mastery (5.143)
Range: 1.143

Sonnet3.7_run9_numbers.json [cats]:
Highest: Purpose_in_Life (6.286)
Lowest: Autonomy (5.286)
Range: 1.000

Sonnet3.7_run10_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Autonomy (4.714)
Range: 1.857

Sonnet3.7_run11_numbers.json [cats]:
Highest: Purpose_in_Life (6.429)

Lowest: Autonomy (4.857)
Range: 1.571

Sonnet3.7_run12_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Environmental_Mastery (4.857)
Range: 1.714

Sonnet3.7_run13_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Autonomy (4.429)
Range: 2.143

Sonnet3.7_run14_numbers.json [cats]:
Highest: Purpose_in_Life (6.429)
Lowest: Environmental_Mastery (5.000)
Range: 1.429

Sonnet3.7_run15_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Autonomy (5.000)
Range: 1.571

Sonnet3.7_run16_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Environmental_Mastery (3.857)
Range: 2.714

Sonnet3.7_run17_numbers.json [cats]:
Highest: Purpose_in_Life (6.429)
Lowest: Autonomy (5.000)
Range: 1.429

Sonnet3.7_run18_numbers.json [cats]:
Highest: Purpose_in_Life (6.429)
Lowest: Autonomy (4.857)
Range: 1.571

Sonnet3.7_run19_numbers.json [cats]:
Highest: Purpose_in_Life (6.429)
Lowest: Environmental_Mastery (4.857)
Range: 1.571

Sonnet3.7_run20_numbers.json [cats]:
Highest: Positive_Relations (6.571)
Lowest: Autonomy (4.857)
Range: 1.714

OVERALL ANALYSIS ACROSS ALL FILES:

Average subscale scores across 37 files:
Positive_Relations : 5.976
Personal_Growth : 5.916
Purpose_in_Life : 5.812
Self_Acceptance : 5.325
Environmental_Mastery: 4.754
Autonomy : 4.658

OVERALL EXTREMES:
Highest scoring subscale: Positive_Relations (5.976)
Lowest scoring subscale: Autonomy (4.658)
Overall range: 1.318

PROCESSING SUMMARY:

=====
Total files attempted: 40
Valid files for analysis: 37
Invalid files (excluded): 3
Success rate: 92.5%
=====

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: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_respon
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.345 --- Scores: (6, 3, 4, 4, 3, 2, 5)
- ✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
- ✓ Personal_Growth : 0.837 --- Scores: (6, 6, 4, 5, 5)
- ✓ Positive_Relations : 1.397 --- Scores: (6, 3, 4, 7, 6, 6, 6)
- ✓ Purpose_in_Life : 1.414 --- Scores: (3, 6, 5, 4, 5, 7)
- ✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_respo
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.113 --- Scores: (6, 4, 4, 5, 5, 3, 6)
- ✓ Environmental_Mastery: 1.676 --- Scores: (6, 4, 4, 6, 4, 4, 1)
- Personal_Growth : 2.070 --- Scores: (6, 7, 6, 1, 7, 6, 5)
- ✓ Positive_Relations : 1.254 --- Scores: (6, 4, 4, 7, 6, 7, 6)
- ✓ Purpose_in_Life : 1.211 --- Scores: (5, 6, 4, 4, 6, 7)
- ✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_respo
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.496 --- Scores: (6, 4, 4, 5, 3, 2, 6)
- ✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
- ✓ Personal_Growth : 1.134 --- Scores: (5, 7, 5, 4, 7, 6, 5)
- ✓ Positive_Relations : 1.069 --- Scores: (6, 5, 4, 7, 6, 7, 6)
- ✓ Purpose_in_Life : 1.549 --- Scores: (3, 6, 4, 4, 6, 7)
- ✓ Self_Acceptance : 1.069 --- Scores: (6, 6, 4, 6, 4, 4, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_respo
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.272 --- Scores: (6, 4, 4, 5, 3, 3, 6)
- ✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
- ✓ Personal_Growth : 1.254 --- Scores: (5, 7, 7, 4, 7, 5, 5)
- ✓ Positive_Relations : 1.512 --- Scores: (6, 3, 4, 7, 6, 7, 6)
- ✓ Purpose_in_Life : 1.265 --- Scores: (7, 7, 4, 6, 5, 7)
- ✓ Self_Acceptance : 1.000 --- Scores: (6, 6, 4, 6, 4, 5, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_respo
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

- ✓ Autonomy : 1.496 --- Scores: (6, 4, 4, 3, 5, 2, 6)
- ✓ Environmental_Mastery: 1.464 --- Scores: (6, 4, 4, 6, 4, 7, 3)
- ✓ Personal_Growth : 1.069 --- Scores: (6, 7, 6, 4, 7, 6, 5)
- ✓ Positive_Relations : 1.134 --- Scores: (6, 4, 4, 7, 6, 6, 6)
- ✓ Purpose_in_Life : 1.211 --- Scores: (5, 6, 4, 4, 6, 7)
- ✓ Self_Acceptance : 1.215 --- Scores: (7, 6, 4, 6, 4, 5, 4)
- ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_respo
ses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.113 --- Scores: (6, 4, 4, 5, 3, 3, 5)
✓ Environmental_Mastery: 1.254 --- Scores: (6, 4, 4, 7, 4, 4, 4)
■ Personal_Growth : 2.059 --- Scores: (5, 7, 6, 1, 7, 6, 5)
✓ Positive_Relations : 1.380 --- Scores: (6, 5, 3, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.211 --- Scores: (5, 6, 4, 4, 6, 7)
✓ Self_Acceptance : 1.215 --- Scores: (7, 6, 4, 6, 4, 5, 4)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.272 --- Scores: (6, 4, 4, 5, 3, 3, 6)
✓ Environmental_Mastery: 0.951 --- Scores: (6, 5, 4, 6, 4, 4, 4)
✓ Personal_Growth : 1.155 --- Scores: (6, 7, 7, 4, 7, 6, 5)
✓ Positive_Relations : 1.113 --- Scores: (6, 5, 4, 7, 5, 7, 6)
✓ Purpose_in_Life : 1.211 --- Scores: (5, 7, 4, 5, 6, 7)
✓ Self_Acceptance : 1.000 --- Scores: (6, 6, 4, 6, 4, 5, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.574 --- Scores: (6, 3, 3, 5, 4, 2, 6)
✓ Environmental_Mastery: 1.155 --- Scores: (6, 5, 4, 7, 4, 4, 5)
✓ Personal_Growth : 1.113 --- Scores: (6, 7, 6, 4, 7, 5, 5)
✓ Positive_Relations : 1.134 --- Scores: (6, 4, 4, 7, 5, 6, 6)
✓ Purpose_in_Life : 1.049 --- Scores: (5, 6, 4, 5, 6, 7)
✓ Self_Acceptance : 1.069 --- Scores: (6, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.380 --- Scores: (6, 3, 4, 5, 3, 3, 6)
✓ Environmental_Mastery: 0.951 --- Scores: (6, 5, 4, 6, 4, 4, 4)
✓ Personal_Growth : 1.155 --- Scores: (6, 7, 6, 4, 7, 7, 5)
✓ Positive_Relations : 1.254 --- Scores: (6, 4, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.225 --- Scores: (6, 6, 4, 4, 6, 7)
✓ Self_Acceptance : 1.215 --- Scores: (7, 6, 4, 6, 4, 5, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.464 --- Scores: (6, 3, 5, 3, 3, 3, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 4, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.069 --- Scores: (6, 7, 6, 4, 7, 6, 5)
✓ Positive_Relations : 1.254 --- Scores: (6, 4, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.211 --- Scores: (5, 6, 4, 4, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.574 --- Scores: (6, 3, 4, 5, 3, 2, 6)
✓ Environmental_Mastery: 0.976 --- Scores: (6, 4, 4, 6, 4, 4, 4)
✓ Personal_Growth : 1.272 --- Scores: (6, 7, 6, 4, 7, 5, 4)
✓ Positive_Relations : 1.069 --- Scores: (6, 5, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.211 --- Scores: (5, 6, 4, 4, 6, 7)
✓ Self_Acceptance : 1.000 --- Scores: (6, 6, 4, 6, 4, 5, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.345 --- Scores: (6, 4, 4, 3, 3, 3, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.113 --- Scores: (6, 7, 6, 4, 7, 5, 5)
✓ Positive_Relations : 1.134 --- Scores: (6, 4, 4, 7, 5, 6, 6)
✓ Purpose_in_Life : 0.983 --- Scores: (5, 6, 4, 4, 6, 4)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)

✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.397 --- Scores: (6, 4, 4, 5, 4, 2, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.113 --- Scores: (6, 7, 6, 4, 7, 5, 5)
✓ Positive_Relations : 1.345 --- Scores: (6, 4, 4, 7, 6, 7, 7)
✓ Purpose_in_Life : 1.329 --- Scores: (4, 6, 4, 4, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.574 --- Scores: (6, 3, 4, 5, 3, 2, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 4, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.272 --- Scores: (6, 7, 6, 4, 7, 5, 4)
✓ Positive_Relations : 1.380 --- Scores: (6, 3, 4, 7, 5, 6, 6)
✓ Purpose_in_Life : 1.272 --- Scores: (5, 6, 4, 4, 7, 5, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.272 --- Scores: (6, 3, 4, 5, 5, 3, 6)
✓ Environmental_Mastery: 1.976 --- Scores: (6, 5, 4, 7, 4, 1, 3)
✓ Personal_Growth : 1.155 --- Scores: (6, 7, 7, 4, 7, 6, 5)
✓ Positive_Relations : 1.113 --- Scores: (6, 5, 4, 7, 5, 7, 6)
✓ Purpose_in_Life : 2.000 --- Scores: (6, 6, 4, 5, 1, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.272 --- Scores: (6, 3, 4, 5, 4, 3, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.215 --- Scores: (6, 7, 7, 4, 7, 5, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 5, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.414 --- Scores: (7, 7, 4, 4, 7, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.134 --- Scores: (6, 4, 4, 5, 4, 3, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 4, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.155 --- Scores: (7, 7, 6, 4, 7, 6, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 5, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.215 --- Scores: (4, 6, 5, 4, 4, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.604 --- Scores: (6, 3, 5, 3, 5, 2, 6)
✓ Environmental_Mastery: 1.134 --- Scores: (6, 5, 4, 6, 4, 4, 3)
✓ Personal_Growth : 1.134 --- Scores: (6, 7, 5, 4, 7, 5, 5)
✓ Positive_Relations : 1.254 --- Scores: (6, 4, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.414 --- Scores: (3, 6, 4, 5, 4, 6, 7)
✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.json [baseline]

Subscale Item Response Standard Deviations:

✓ Autonomy : 1.380 --- Scores: (6, 3, 4, 5, 3, 3, 6)
✓ Environmental_Mastery: 1.380 --- Scores: (6, 4, 4, 7, 4, 5, 3)

✓ Personal_Growth : 1.113 --- Scores: (5, 7, 6, 4, 7, 6, 5)
 ✓ Positive_Relations : 1.397 --- Scores: (6, 3, 4, 7, 6, 6, 6)
 ✓ Purpose_in_Life : 1.976 --- Scores: (5, 6, 4, 4, 1, 6, 7)
 ✓ Self_Acceptance : 1.291 --- Scores: (7, 6, 4, 6, 4, 4, 4)
 ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_respon
 ses_numbers.json [baseline]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.397 --- Scores: (6, 3, 3, 5, 5, 3, 6)
 ✓ Environmental_Mastery: 1.397 --- Scores: (6, 4, 4, 7, 4, 4, 3)
 ✓ Personal_Growth : 1.113 --- Scores: (6, 7, 5, 4, 7, 6, 5)
 ✓ Positive_Relations : 1.512 --- Scores: (6, 4, 3, 7, 6, 7, 6)
 ✓ Purpose_in_Life : 1.134 --- Scores: (5, 6, 4, 5, 7, 5, 7)
 ✓ Self_Acceptance : 1.215 --- Scores: (7, 6, 4, 6, 4, 5, 4)
 ✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

Sonnet3.7_run2_numbers.json [cats]: SKIPPED (marked as INVALID in processing stage).
 Sonnet3.7_run3_numbers.json [cats]: SKIPPED (marked as INVALID in processing stage).
 Sonnet3.7_run4_numbers.json [cats]: SKIPPED (marked as INVALID in processing stage).

ANALYZING FILE: Sonnet3.7_run5_numbers.json [cats]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.000 --- Scores: (6, 4, 5, 4, 6)
 ■■ Environmental_Mastery: 2.035 --- Scores: (3, 5, 7, 7, 7, 5, 2)
 ✓ Personal_Growth : 1.732 --- Scores: (7, 7, 7, 4, 7, 7, 3)
 ✓ Positive_Relations : 0.548 --- Scores: (6, 7, 7, 7, 6, 6)
 ✓ Purpose_in_Life : 0.548 --- Scores: (7, 7, 6, 6, 6, 7)
 ✓ Self_Acceptance : 1.643 --- Scores: (6, 4, 6, 7, 3)
 ✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run6_numbers.json [cats]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.033 --- Scores: (6, 6, 6, 4, 4, 6)
 ■■ Environmental_Mastery: 2.168 --- Scores: (4, 4, 7, 5, 1)
 ✓ Personal_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)
 ✓ Positive_Relations : 0.516 --- Scores: (6, 7, 7, 7, 6, 7)
 ✓ Purpose_in_Life : 0.548 --- Scores: (7, 6, 7, 6, 6, 7)
 ✓ Self_Acceptance : 1.414 --- Scores: (6, 6, 7, 7, 7, 6, 3)
 ✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run8_numbers.json [cats]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.215 --- Scores: (5, 6, 6, 3, 6, 4, 6)
 ■■ Environmental_Mastery: 2.116 --- Scores: (4, 4, 7, 6, 7, 5, 1)
 ✓ Personal_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)
 ✓ Positive_Relations : 0.548 --- Scores: (6, 7, 7, 7, 6, 6)
 ✓ Purpose_in_Life : 0.548 --- Scores: (7, 7, 6, 6, 7)
 ■■ Self_Acceptance : 2.338 --- Scores: (6, 6, 7, 7, 7, 1)
 ✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run1_numbers.json [cats]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.464 --- Scores: (4, 6, 6, 5, 2, 5, 6)
 ■■ Environmental_Mastery: 2.563 --- Scores: (1, 4, 7, 6, 7, 4, 1)
 ✓ Personal_Growth : 1.835 --- Scores: (7, 7, 7, 4, 7, 3)
 ✓ Positive_Relations : 1.000 --- Scores: (6, 7, 4, 7, 6, 6, 6)
 ✓ Purpose_in_Life : 0.548 --- Scores: (7, 6, 7, 6, 6, 7)
 ■■ Self_Acceptance : 2.138 --- Scores: (6, 6, 7, 7, 7, 6, 1)
 ✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run7_numbers.json [cats]
 Subscale Item Response Standard Deviations:
 ✓ Autonomy : 1.134 --- Scores: (6, 6, 6, 4, 7, 4, 6)
 ■■ Environmental_Mastery: 2.478 --- Scores: (3, 4, 7, 7, 7, 7, 1)
 ✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
 ✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
 ✓ Purpose_in_Life : 0.753 --- Scores: (6, 7, 6, 6, 5, 7)
 ■■ Self_Acceptance : 2.317 --- Scores: (6, 4, 7, 7, 6, 1)
 ✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run9_numbers.json [cats]

Subscale Item Response Standard Deviations:
✓ Autonomy : 0.951 --- Scores: (6, 6, 6, 4, 5, 4, 6)
✓ Environmental_Mastery: 1.265 --- Scores: (4, 5, 7, 6, 7, 7)
✓ Personal_Growth : 1.732 --- Scores: (7, 7, 7, 4, 7, 7, 3)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.756 --- Scores: (7, 6, 7, 5, 6, 6, 7)
✓ Self_Acceptance : 1.464 --- Scores: (6, 6, 7, 7, 7, 5, 3)
✓ This file is considered GLOBALLY CONSISTENT (0 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run10_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.113 --- Scores: (4, 5, 6, 3, 5, 4, 6)
■ Environmental_Mastery: 2.299 --- Scores: (5, 4, 7, 7, 7, 7, 1)
✓ Personal_Growth : 1.732 --- Scores: (7, 7, 7, 4, 7, 7, 3)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 1.414 --- Scores: (7, 6, 7, 6, 6, 3, 7)
■ Self_Acceptance : 2.138 --- Scores: (6, 6, 7, 7, 7, 6, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run11_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.676 --- Scores: (6, 6, 6, 3, 2, 5, 6)
■ Environmental_Mastery: 2.116 --- Scores: (4, 4, 7, 6, 7, 5, 1)
✓ Personal_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
✓ Self_Acceptance : 1.414 --- Scores: (6, 6, 7, 7, 7, 6, 3)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run12_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 0.900 --- Scores: (4, 6, 6, 4, 5, 5, 6)
■ Environmental_Mastery: 2.035 --- Scores: (5, 4, 5, 7, 7, 5, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
✓ Self_Acceptance : 1.414 --- Scores: (6, 6, 7, 7, 7, 6, 3)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run13_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.512 --- Scores: (5, 6, 5, 4, 2, 3, 6)
■ Environmental_Mastery: 2.059 --- Scores: (4, 4, 7, 5, 7, 5, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
✓ Self_Acceptance : 1.414 --- Scores: (6, 6, 7, 7, 7, 6, 3)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run14_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.215 --- Scores: (6, 6, 6, 3, 5, 4, 6)
■ Environmental_Mastery: 2.082 --- Scores: (5, 4, 7, 5, 7, 6, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
■ Self_Acceptance : 2.149 --- Scores: (6, 6, 7, 7, 7, 5, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run15_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.155 --- Scores: (5, 6, 6, 3, 5, 4, 6)
■ Environmental_Mastery: 2.360 --- Scores: (4, 4, 7, 7, 7, 7, 1)
✓ Personal_Growth : 1.464 --- Scores: (7, 7, 7, 4, 7, 7, 4)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
■ Self_Acceptance : 2.116 --- Scores: (6, 6, 4, 7, 7, 5, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run16_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.113 --- Scores: (6, 6, 6, 3, 5, 5, 6)
■ Environmental_Mastery: 2.193 --- Scores: (4, 4, 5, 1, 7, 5, 1)

✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.787 --- Scores: (7, 7, 7, 5, 6, 6, 7)
✓ Self_Acceptance : 1.069 --- Scores: (6, 6, 7, 7, 7, 6, 4)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run17_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.155 --- Scores: (5, 6, 6, 3, 5, 4, 6)
■ Environmental_Mastery: 2.225 --- Scores: (5, 5, 7, 7, 7, 7, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
■ Self_Acceptance : 2.138 --- Scores: (6, 6, 7, 7, 7, 6, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run18_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.215 --- Scores: (5, 4, 6, 3, 6, 4, 6)
■ Environmental_Mastery: 2.082 --- Scores: (4, 5, 7, 6, 7, 5, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
■ Self_Acceptance : 2.138 --- Scores: (6, 6, 7, 7, 7, 6, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run19_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.272 --- Scores: (6, 6, 5, 3, 6, 7, 6)
■ Environmental_Mastery: 2.035 --- Scores: (5, 4, 5, 7, 7, 5, 1)
✓ Personal_Growth : 1.215 --- Scores: (7, 6, 7, 4, 7, 7, 5)
✓ Positive_Relations : 1.069 --- Scores: (6, 7, 4, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
■ Self_Acceptance : 2.138 --- Scores: (6, 6, 7, 7, 7, 6, 1)
✓ This file is considered GLOBALLY CONSISTENT (2 inconsistent scales found).

ANALYZING FILE: Sonnet3.7_run20_numbers.json [cats]
Subscale Item Response Standard Deviations:
✓ Autonomy : 1.676 --- Scores: (6, 6, 6, 3, 2, 5, 6)
■ Environmental_Mastery: 2.138 --- Scores: (5, 7, 7, 5, 7, 5, 1)
✓ Personal_Growth : 1.254 --- Scores: (7, 7, 7, 4, 7, 7, 5)
✓ Positive_Relations : 0.535 --- Scores: (6, 7, 7, 7, 6, 7, 6)
✓ Purpose_in_Life : 0.535 --- Scores: (7, 6, 7, 6, 6, 6, 7)
✓ Self_Acceptance : 1.512 --- Scores: (6, 6, 4, 7, 7, 5, 3)
✓ This file is considered GLOBALLY CONSISTENT (1 inconsistent scales found).

=====
OVERALL CONSISTENCY SUMMARY
=====
Total valid files analyzed for consistency: 37

Breakdown by number of inconsistent scales per file:
- Files with exactly 1 inconsistent scale(s): 9
- Files with exactly 2 inconsistent scale(s): 9

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%

=====
GROUP COMPARISON: BASELINE vs CATS
=====

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 = 210.000, n = 20, SD = 6.829

Group B (cats): Mean = 235.706, n = 17, SD = 12.216

Absolute difference between means: 25.706

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: -7.712
Degrees of freedom (df): 24.2
p-value: 0.000
Effect size (Cohen's d): 2.598

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 ($d \geq 0.8$)
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.

INITIATING SUBSCALE LEVEL COMPARISON...

SUBSCALE LEVEL COMPARISON:

Subscale: Autonomy

Group A (baseline): Mean=4.314, SD=0.194 (n=20)
Group B (cats): Mean=5.062, SD=0.297 (n=17)
Absolute difference: 0.747
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: -8.876
Degrees of freedom: 26.8
p-value: 0.000
Effect size (Cohen's d): 2.975
■■ Statistically Significant Difference ($p < 0.05$)
■■ LARGE practical effect size ($d \geq 0.8$)

Subscale: Environmental_Mastery

Group A (baseline): Mean=4.579, SD=0.188 (n=20)
Group B (cats): Mean=4.961, SD=0.519 (n=17)
Absolute difference: 0.383
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: -2.884
Degrees of freedom: 19.6
p-value: 0.009
Effect size (Cohen's d): 0.981
■■ Statistically Significant Difference ($p < 0.05$)
■■ LARGE practical effect size ($d \geq 0.8$)

Subscale: Personal_Growth

Group A (baseline): Mean=5.703, SD=0.229 (n=20)
 Group B (cats): Mean=6.167, SD=0.139 (n=17)
 Absolute difference: 0.464
 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: -7.559
 Degrees of freedom: 32.0
 p-value: 0.000
 Effect size (Cohen's d): 2.447
 ■ Statistically Significant Difference (p < 0.05)
 ■ LARGE practical effect size (d ≥ 0.8)

Subscale: Positive_Relations
 Group A (baseline): Mean=5.650, SD=0.176 (n=20)
 Group B (cats): Mean=6.359, SD=0.232 (n=17)
 Absolute difference: 0.709
 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: -10.313
 Degrees of freedom: 29.6
 p-value: 0.000
 Effect size (Cohen's d): 3.439
 ■ Statistically Significant Difference (p < 0.05)
 ■ LARGE practical effect size (d ≥ 0.8)

Subscale: Purpose_in_Life
 Group A (baseline): Mean=5.310, SD=0.344 (n=20)
 Group B (cats): Mean=6.402, SD=0.138 (n=17)
 Absolute difference: 1.093
 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: -13.015
 Degrees of freedom: 25.8
 p-value: 0.000
 Effect size (Cohen's d): 4.166
 ■ Statistically Significant Difference (p < 0.05)
 ■ LARGE practical effect size (d ≥ 0.8)

Subscale: Self_Acceptance
 Group A (baseline): Mean=5.014, SD=0.079 (n=20)
 Group B (cats): Mean=5.691, SD=0.308 (n=17)
 Absolute difference: 0.677
 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: -8.820
 Degrees of freedom: 17.8
 p-value: 0.000
 Effect size (Cohen's d): 3.011
 ■ Statistically Significant Difference (p < 0.05)
 ■ LARGE practical effect size (d ≥ 0.8)

■ SUMMARY: SUBSCALES WITH STATISTICALLY SIGNIFICANT DIFFERENCES:

- Autonomy
- Environmental_Mastery
- Personal_Growth
- Positive_Relations
- Purpose_in_Life
- Self_Acceptance

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CROSS-FILE SIMILARITY ANALYSIS

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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 (37 valid scores):

Mean: 221.811
Standard Deviation (SD): 16.112
Range: 188.000 - 247.000
Coefficient of Variation (CV): 0.073
✓ Very Low relative variability (extremely high overall similarity across files).

SUBSCALE LEVEL SIMILARITY (Mean & SD of Subscale Averages across files):

Autonomy: Mean=4.658, SD=0.449, CV=0.096
Environmental_Mastery: Mean=4.754, SD=0.419, CV=0.088
Personal_Growth: Mean=5.916, SD=0.302, CV=0.051
Positive_Relations: Mean=5.976, SD=0.410, CV=0.069
Purpose_in_Life: Mean=5.812, SD=0.613, CV=0.105
Self_Acceptance: Mean=5.325, SD=0.403, CV=0.076

Most variable subscale across files (highest CV): Purpose_in_Life (CV: 0.105)
Least variable subscale across files (lowest CV): Personal_Growth (CV: 0.051)

OUTLIER ANALYSIS (Based on Global Ryff Total Scores):

■ MODERATE OUTLIERS (|z-score| > 2.0) - Potentially atypical Global Scores:
- Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json [baseline]: z-score=-2.10

CROSS-FILE SIMILARITY SUMMARY:

Total valid files analyzed: 37
Overall Global Score consistency: VERY HIGH
Total outliers detected: 1

COMPREHENSIVE ERROR ANALYSIS

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-INTEGGER 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.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run8_ryff_responses_numbers.json [baseline] - Status: VALID (3 errors)
Specific Invalid Entries in this file:

- Item 2: 500
- Item 17: 500
- Item 32: 500

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run1_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run3_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run4_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run6_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run7_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run9_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run11_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run12_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run16_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run17_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:
- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run18_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:
- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run19_ryff_responses_numbers.json [baseline] - Status: VALID (1 errors)
Specific Invalid Entries in this file:
- Item 6: null

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run2_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run5_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run10_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run13_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run14_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run15_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7nondet-baseline_claude_3_7_sonnet_20250219_t07_run20_ryff_responses_numbers.json [baseline] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run2_numbers.json [cats] - Status: INVALID (13 errors)
Specific Invalid Entries in this file:
- Item 4: 529
- Item 7: 529
- Item 8: 529
- Item 18: 529
- Item 22: 529
- Item 23: 529
- Item 24: 529
- Item 26: 529
- Item 27: 529
- Item 33: 529
- Item 34: 529
- Item 36: 529
- Item 42: 529

FILE: Sonnet3.7_run3_numbers.json [cats] - Status: INVALID (12 errors)
Specific Invalid Entries in this file:
- Item 1: 529
- Item 6: 529
- Item 13: 529
- Item 18: 529
- Item 26: 529
- Item 27: 529
- Item 28: 529
- Item 32: 529
- Item 34: 529
- Item 35: 529
- Item 38: 529
- Item 42: 529

FILE: Sonnet3.7_run4_numbers.json [cats] - Status: INVALID (8 errors)
Specific Invalid Entries in this file:

- Item 1: 529
- Item 3: 529
- Item 4: 529
- Item 27: 529
- Item 32: 529
- Item 34: 529
- Item 38: 529
- Item 39: 529

FILE: Sonnet3.7_run5_numbers.json [cats] - Status: VALID (6 errors)
Specific Invalid Entries in this file:

- Item 1: 529
- Item 13: 529
- Item 16: 529
- Item 19: 529
- Item 20: 529
- Item 22: 529

FILE: Sonnet3.7_run6_numbers.json [cats] - Status: VALID (5 errors)
Specific Invalid Entries in this file:

- Item 27: 529
- Item 29: 529
- Item 36: 529
- Item 41: 529
- Item 42: 529

FILE: Sonnet3.7_run8_numbers.json [cats] - Status: VALID (4 errors)
Specific Invalid Entries in this file:

- Item 16: 529
- Item 19: 529
- Item 20: 529
- Item 29: 529

FILE: Sonnet3.7_run1_numbers.json [cats] - Status: VALID (2 errors)
Specific Invalid Entries in this file:

- Item 14: 443
- Item 39: 529

FILE: Sonnet3.7_run7_numbers.json [cats] - Status: VALID (2 errors)
Specific Invalid Entries in this file:

- Item 9: 529
- Item 11: 529

FILE: Sonnet3.7_run9_numbers.json [cats] - Status: VALID (1 errors)
Specific Invalid Entries in this file:

- Item 23: 529

FILE: Sonnet3.7_run10_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run11_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run12_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run13_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run14_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run15_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run16_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run17_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run18_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run19_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

FILE: Sonnet3.7_run20_numbers.json [cats] - Status: VALID (0 errors)
No specific invalid entries found in this file.

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OVERALL ERROR ANALYSIS SUMMARY:
Total files analyzed: 40
Files marked as VALID: 37 (92.5%)
Files marked as INVALID (excluded from analyses): 3 (7.5%)
Total individual invalid entries found across all files: 68

Breakdown of Error Types (Total occurrences):
- Out of Range / Non-Integer : 56 occurrences
- Null Values : 12 occurrences

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DATA QUALITY ASSESSMENT:
✓ GOOD data quality (≥80% valid files).
✓ Low overall error rate in item responses. Data quality is generally good, minor issues.
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