**EERSTE RESULTATEN!!**  
  
The calculated core value is: 61.0

YinYangModule balance: -1

PESEBNModule P value: 2.04

SEGRSModule response: 12.0

Overall system state: 37.019999999999996

Scenario: {'YYY': 50, 'PPP': 70, 'SSS': 60, 'context': 'Good', 'primary\_needs': [0.8, 0.9, 0.7], 'secondary\_needs': [0.6, 0.5, 0.4], 'stimulus\_intensity': 10, 'evaluation': 0.8}

Core Value: 61.0, Y: -1, P: 2.04, S: 12.0, Overall State: 37.019999999999996

Scenario: {'YYY': 30, 'PPP': 50, 'SSS': 40, 'context': 'Bad', 'primary\_needs': [0.5, 0.6, 0.4], 'secondary\_needs': [0.3, 0.2, 0.1], 'stimulus\_intensity': 5, 'evaluation': 0.5}

Core Value: 41.0, Y: 1, P: 1.14, S: 3.75, Overall State: 23.445

Scenario: {'YYY': 70, 'PPP': 90, 'SSS': 80, 'context': 'Light', 'primary\_needs': [0.9, 1.0, 0.8], 'secondary\_needs': [0.7, 0.6, 0.5], 'stimulus\_intensity': 15, 'evaluation': 1.0}

Core Value: 81.0, Y: -1, P: 2.34, S: 22.5, Overall State: 52.42

Scenario: {'YYY': 20, 'PPP': 40, 'SSS': 30, 'context': 'Dark', 'primary\_needs': [0.4, 0.5, 0.3], 'secondary\_needs': [0.2, 0.1, 0.0], 'stimulus\_intensity': 3, 'evaluation': 0.3}

Core Value: 31.0, Y: 1, P: 0.84, S: 1.3499999999999999, Overall State: 17.095  
  
  
**TEST TWEE CRITICAL-LIMIT OFFLINE RUN!!**  
  
The calculated core value is: 61.0

YinYangModule balance: -1

PESEBNModule P value: 2.04

SEGRSModule response: 12.0

Overall system state: 37.019999999999996

Critical Scenario: {'YYY': 100, 'PPP': 100, 'SSS': 100, 'context': 'Bad', 'primary\_needs': [1.0, 1.0, 1.0], 'secondary\_needs': [1.0, 1.0, 1.0], 'stimulus\_intensity': 20, 'evaluation': 1.5}

Core Value: 100.0, Y: 1, P: 3.0, S: 45.0, Overall State: 74.5