User robot choice data imported successfully.
Initializing R bridge...
Estimated Parameters:
phi1: 18.9135
phi2: 0.1858
tau: 22027.4658
error_sd: 1
Initial Preferences (from ASCs):
    -0.5240   0.2163   0

=== Current Trial Analysis ===
Trial: 1
Participant: 1001
Actual Choice: Robot 2
M matrix (alternatives × attributes):

	energy	pace	safety	reliability	intelligence
Robot1	0.65	0.55	0.7	0.6	0.58
Robot2	0.75	0.45	0.8	0.65	0.62
Robot3	0.5	0.6	0.65	0.55	0.5

Choice Probability Distribution:

	Probability
Robot1	0.92923
Robot2	0.052731
Robot3	0.018035

DFT Results:
E_P: 2.25 -0.62 -1.69
Choice probabilities: 0.929 0.053 0.018
Predicted choice: Robot 1
Actual choice: Robot 2

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 2
Participant: 1001
Actual Choice: Robot 1
M matrix (alternatives × attributes):

	energy	pace	safety	reliability	intelligence
Robot1	0.55	0.45	0.6	0.5	0.48
Robot2	0.7	0.35	0.75	0.6	0.57
Robot3	0.45	0.55	0.6	0.5	0.45

Choice Probability Distribution:
          Probability

```
                _____

      Robot1         0.01622
      Robot2         0.44651
      Robot3         0.53727


DFT Results:
E_P: -2.25    1.06    1.25
Choice probabilities: 0.016  0.447  0.537
Predicted choice: Robot 3
Actual choice: Robot 1

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 3
Participant: 1001
Actual Choice: Robot 3
M matrix (alternatives × attributes):
              energy    pace    safety    reliability    intelligence

              _____    ____    _____    _____    _____

      Robot1      0.6     0.5     0.65         0.55           0.53
      Robot2     0.65     0.4      0.7         0.55            0.6
      Robot3     0.55    0.65      0.7          0.6           0.55


Choice Probability Distribution:
              Probability

              _____

      Robot1      0.0041699
      Robot2        0.48293
      Robot3         0.5129


DFT Results:
E_P: -3.17    1.58    1.64
Choice probabilities: 0.004  0.483  0.513
Predicted choice: Robot 3
Actual choice: Robot 3

✓ Prediction stayed the same
=== Current Trial Analysis ===
Trial: 4
Participant: 1002
Actual Choice: Robot 2
M matrix (alternatives × attributes):
              energy    pace    safety    reliability    intelligence

              _____    ____    _____    _____    _____

      Robot1      0.7     0.6     0.75         0.65           0.63
      Robot2      0.8     0.5     0.85          0.7           0.67
      Robot3      0.6     0.7     0.75         0.65            0.6
```

Choice Probability Distribution:
              Probability
              _____

    Robot1   0.0090842
    Robot2   0.4905
    Robot3   0.50042

DFT Results:
E_P: -2.65   1.34   1.36
Choice probabilities: 0.009 0.490 0.500
Predicted choice: Robot 3
Actual choice: Robot 2

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 5
Participant: 1002
Actual Choice: Robot 1
M matrix (alternatives × attributes):
              energy   pace   safety   reliability   intelligence
              _____   ____   _____   _____   _____

    Robot1   0.5   0.4   0.55   0.45   0.43
    Robot2   0.6   0.3   0.65   0.5   0.52
    Robot3   0.4   0.5   0.55   0.45   0.4

Choice Probability Distribution:
              Probability
              _____

    Robot1   0.0063215
    Robot2   0.48797
    Robot3   0.50571

DFT Results:
E_P: -2.89   1.46   1.49
Choice probabilities: 0.006 0.488 0.506
Predicted choice: Robot 3
Actual choice: Robot 1

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 6
Participant: 1002
Actual Choice: Robot 3
M matrix (alternatives × attributes):
              energy   pace   safety   reliability   intelligence
              _____   ____   _____   _____   _____

```
    Robot1      0.75      0.65      0.8          0.7            0.68
    Robot2      0.85      0.55      0.9          0.75           0.73
    Robot3      0.65      0.75      0.8          0.7            0.65
```

Choice Probability Distribution:
```
            Probability

            _____


    Robot1      0.0082517
    Robot2       0.49026
    Robot3       0.50149
```

DFT Results:
E_P: -2.71   1.37   1.39
Choice probabilities: 0.008 0.490 0.501
Predicted choice: Robot 3
Actual choice: Robot 3

✓ Prediction stayed the same
=== Current Trial Analysis ===
Trial: 7
Participant: 1003
Actual Choice: Robot 2
M matrix (alternatives × attributes):
```
            energy    pace    safety    reliability    intelligence

            _____    ____    _____    _____    _____

    Robot1      0.58    0.48    0.63        0.53           0.51
    Robot2      0.68    0.38    0.73        0.58           0.61
    Robot3      0.48    0.58    0.63        0.53           0.48
```

Choice Probability Distribution:
```
            Probability

            _____


    Robot1      0.0060955
    Robot2       0.48717
    Robot3       0.50674
```

DFT Results:
E_P: -2.91   1.47   1.51
Choice probabilities: 0.006 0.487 0.507
Predicted choice: Robot 3
Actual choice: Robot 2

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 8
Participant: 1003
Actual Choice: Robot 1
M matrix (alternatives × attributes):

	energy	pace	safety	reliability	intelligence
Robot1	0.62	0.52	0.67	0.57	0.55
Robot2	0.72	0.42	0.77	0.62	0.65
Robot3	0.52	0.62	0.67	0.57	0.52

Choice Probability Distribution:

	Probability
Robot1	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:
E_P: -2.91   1.47   1.51
Choice probabilities: 0.006 0.487 0.507
Predicted choice: Robot 3
Actual choice: Robot 1

✗ Prediction changed
=== Current Trial Analysis ===
Trial: 9
Participant: 1003
Actual Choice: Robot 3
M matrix (alternatives × attributes):

	energy	pace	safety	reliability	intelligence
Robot1	0.67	0.57	0.72	0.62	0.6
Robot2	0.77	0.47	0.82	0.67	0.7
Robot3	0.57	0.67	0.72	0.62	0.57

Choice Probability Distribution:

	Probability
Robot1	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:
E_P: -2.91   1.47   1.51
Choice probabilities: 0.006 0.487 0.507
Predicted choice: Robot 3
Actual choice: Robot 3

✓ Prediction stayed the same
=== Current Trial Analysis ===
Trial: 10

Participant: 1004
Actual Choice: Robot 2
M matrix (alternatives × attributes):

	energy	pace	safety	reliability	intelligence
Robot1	0.53	0.43	0.58	0.48	0.46
Robot2	0.63	0.33	0.68	0.53	0.56
Robot3	0.43	0.53	0.58	0.48	0.43

Choice Probability Distribution:

	Probability
Robot1	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:
E_P: -2.91   1.47   1.51
Choice probabilities: 0.006 0.487 0.507
Predicted choice: Robot 3
Actual choice: Robot 2

✗ Prediction changed
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