User robot choice data imported successfully.
Initializing R bridge...
Estimated Parameters:
phi1: 4.4752
phi2: 0.5253
tau: 22027.4658
error_sd: 0.5754
Initial Preferences (from ASCs):
    0.2449   -0.1397   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	1
Robot2	1.9187e-08
Robot3	1.3114e-09

DFT Results:
E_P: 7.32 -2.90 -4.45
Choice probabilities: 1.000 0.000 0.000
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      5.3399e-06
    Robot2         0.1321
    Robot3         0.8679
```

DFT Results:
E_P: -4.23   1.59   2.67
Choice probabilities: 0.000 0.132 0.868
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    2.3863e-06
    Robot2      0.42845
    Robot3      0.57155
```

DFT Results:
E_P: -4.69   2.28   2.44
Choice probabilities: 0.000 0.428 0.572
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   1.3757e-08
    Robot2   0.15431
    Robot3   0.84569

DFT Results:
E_P: -6.54   2.80   3.78
Choice probabilities: 0.000 0.154 0.846
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   3.7396e-09
    Robot2   0.1114
    Robot3   0.8886

DFT Results:
E_P: -6.99   2.91   4.11
Choice probabilities: 0.000 0.111 0.889
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    5.6415e-09
   Robot2       0.14451
   Robot3       0.85549
```

DFT Results:
E_P: -6.87   2.94   3.96
Choice probabilities: 0.000 0.145 0.855
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    5.8231e-09
   Robot2       0.1059
   Robot3       0.8941
```

DFT Results:
E_P: -6.81   2.81   4.04
Choice probabilities: 0.000 0.106 0.894
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	5.8231e-09
Robot2	0.1059
Robot3	0.8941

DFT Results:
E_P: -6.81   2.81   4.04
Choice probabilities: 0.000   0.106   0.894
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	5.8231e-09
Robot2	0.1059
Robot3	0.8941

DFT Results:
E_P: -6.81   2.81   4.04
Choice probabilities: 0.000   0.106   0.894
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	5.8231e-09
Robot2	0.1059
Robot3	0.8941

DFT Results:
E_P: -6.81   2.81   4.04
Choice probabilities: 0.000 0.106 0.894
Predicted choice: Robot 3
Actual choice: Robot 2

✗ Prediction changed
>>