User robot choice data imported successfully.
Initializing R bridge...
Estimated Parameters:
phi1: 1.9594
phi2: 0.1
tau: 22027.4658
error_sd: 0.1
Initial Preferences (from ASCs):
     0.0149   0.0146   0

=== Trial Analysis ===
Trial: 1
Participant: 125802
Actual Choice: Robot 1
M matrix (alternatives × attributes):
            C1 - Easy Nav, Low Exposure   C2 - Hard Nav, Low Exposure   C3 - Easy ↙
Nav, High Exposure   C4 - Hard Nav, High Exposure

            _____   _____ ↙

_____   _____

    Robot1   0.63124   0.34013 ↙
0.30736   0.016247
    Robot2   0.63633   0.35335 ↙
0.29973   0.016756
    Robot3   0.57448   0.29476 ↙
0.29029   0.010571

DFT Results:
E_P: -6.34   18.47   -12.13
Choice probabilities: 0.000   1.000   0.000
Predicted choice: Robot 2
Actual choice: Robot 1

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 2
Participant: 141831
Actual Choice: Robot 3
M matrix (alternatives × attributes):
            C1 - Easy Nav, Low Exposure   C2 - Hard Nav, Low Exposure   C3 - Easy ↙
Nav, High Exposure   C4 - Hard Nav, High Exposure

            _____   _____ ↙

_____   _____

    Robot1   0.62828   0.24666 ↙
0.39756   0.015951
    Robot2   0.767   0.40981 ↙
0.38702   0.029824
    Robot3   0.81184   0.43023 ↙

0.41592   0.034308

DFT Results:
E_P: -37.06   38.46   -1.41
Choice probabilities: 0.000   1.000   0.000
Predicted choice: Robot 2
Actual choice: Robot 3

X Prediction differs from actual choice
=== Trial Analysis ===
Trial: 3
Participant: 141831
Actual Choice: Robot 3
M matrix (alternatives × attributes):
            C1 - Easy Nav, Low Exposure   C2 - Hard Nav, Low Exposure   C3 - Easy ↵
Nav, High Exposure   C4 - Hard Nav, High Exposure

            _____   _____ ↵

_____   _____

    Robot1   0.7426   0.40539 ↵
0.36459   0.027383
    Robot2   0.81966   0.43443 ↵
0.42032   0.035089
    Robot3   0.75922   0.45109 ↵
0.33718   0.029045

DFT Results:
E_P: -17.23   -12.78   30.02
Choice probabilities: 0.000   0.000   1.000
Predicted choice: Robot 3
Actual choice: Robot 3

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 4
Participant: 141831
Actual Choice: Robot 2
M matrix (alternatives × attributes):
            C1 - Easy Nav, Low Exposure   C2 - Hard Nav, Low Exposure   C3 - Easy ↵
Nav, High Exposure   C4 - Hard Nav, High Exposure

            _____   _____ ↵

_____   _____

    Robot1   0.70338   0.42149 ↵
0.30534   0.023461
    Robot2   0.73631   0.45985 ↵
0.30321   0.026754
    Robot3   0.67241   0.38387 ↵
0.30891   0.020365

```
DFT Results:
E_P: 0.64   31.52  -32.16
Choice probabilities: 0.000  1.000  0.000
Predicted choice: Robot 2
Actual choice: Robot 2

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 5
Participant: 125802
Actual Choice: Robot 2
M matrix (alternatives × attributes):
```

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.98664	0.49389	0.54454	0.051787
Robot2	0.93322	0.49881	0.48085	0.046445
Robot3	1	0.513	0.54013	0.053123

```
DFT Results:
E_P: -20.55   21.57   -1.02
Choice probabilities: 0.000  1.000  0.000
Predicted choice: Robot 2
Actual choice: Robot 2

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 6
Participant: 141831
Actual Choice: Robot 1
M matrix (alternatives × attributes):
```

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.60885	0.33068	0.29218	0.014008
Robot2	0.56476	0.32263	0.25173	0.01
Robot3	0.46877	0.18594	0.28283	0.01

```
DFT Results:
E_P: 1.02    36.58   -37.60
Choice probabilities: 0.000  1.000  0.000
Predicted choice: Robot 2
Actual choice: Robot 1
```

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 7
Participant: 141831
Actual Choice: Robot 3
M matrix (alternatives × attributes):

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.89792	0.51496	0.42588	0.042915
Robot2	0.8563	0.4713	0.42376	0.038753
Robot3	0.912	0.527	0.42933	0.044324

```
DFT Results:
E_P: 9.22   -21.69   12.46
Choice probabilities: 0.000  0.000  1.000
Predicted choice: Robot 3
Actual choice: Robot 3
```

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 8
Participant: 141831
Actual Choice: Robot 2
M matrix (alternatives × attributes):

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.75528	0.424	0.35993	0.028651
Robot2	0.79511	0.44213	0.38561	0.032635
Robot3	0.6814	0.35012	0.35254	0.021263

```
DFT Results:
```

E_P: 25.51   -6.52   -18.99
Choice probabilities: 1.000   0.000   0.000
Predicted choice: Robot 1
Actual choice: Robot 2

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 9
Participant: 125802
Actual Choice: Robot 2
M matrix (alternatives × attributes):

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.66226	0.37703	0.30458	0.019349
Robot2	0.51638	0.25254	0.2686	0.01
Robot3	0.5161	0.22512	0.29571	0.01

DFT Results:
E_P: 21.58   19.70   -41.28
Choice probabilities: 1.000   0.000   0.000
Predicted choice: Robot 1
Actual choice: Robot 2

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 10
Participant: 125802
Actual Choice: Robot 2
M matrix (alternatives × attributes):

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.85796	0.46159	0.43529	0.038919
Robot2	0.80416	0.43735	0.40035	0.03354
Robot3	0.89753	0.50604	0.43436	0.042876

DFT Results:
E_P: -24.29   9.37   14.92

```
Choice probabilities: 0.000  0.000  1.000
Predicted choice: Robot 3
Actual choice: Robot 2

X Prediction differs from actual choice
>>
```