User robot choice data imported successfully.
Initializing R bridge...
Estimated Parameters:
phi1: 1.3524
phi2: -0.1444
tau: 22027.4658
error_sd: 1
Initial Preferences (from ASCs):
    0.0804   0.1052   0

=== Trial Analysis ===
Trial: 1
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   0.88959   0.51919 ↙
0.45936   0.088959
    Robot2   0.94152   0.53083 ↙
0.50483   0.094152
    Robot3   0.98962   0.62459 ↙
0.46399   0.098962

DFT Results:
E_P: NaN NaN NaN
Choice probabilities: NaN NaN NaN
Predicted choice: Robot 1
Actual choice: Robot 2

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 2
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   0.69878   0.34767 ↙
0.421   0.069878
    Robot2   0.87954   0.51921 ↙
0.44828   0.087954
    Robot3   0.86759   0.4923 ↙

```
0.46205                         0.086759
```

DFT Results:
E_P: NaN NaN NaN
Choice probabilities: NaN NaN NaN
Predicted choice: Robot 1
Actual choice: Robot 1

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 3
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   0.74294   0.43715 ↵
0.38008   0.074294
    Robot2   0.64489   0.35742 ↵
0.35196   0.064489
    Robot3   0.70186   0.39827 ↵
0.37377   0.070186

DFT Results:
E_P: NaN NaN NaN
Choice probabilities: NaN NaN NaN
Predicted choice: Robot 1
Actual choice: Robot 1

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 4
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   0.7164   0.3337 ↵
0.45434   0.07164
    Robot2   0.85526   0.4614 ↵
0.47938   0.085526
    Robot3   0.84255   0.44205 ↵
0.48476   0.084255
```

```
DFT Results:
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 1

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 5
Participant: 125802
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            0.73729                  0.4373 ↙
0.37372                 0.073729
    Robot2            0.67619                  0.41421 ↙
0.3296                  0.067619
    Robot3            0.68777                  0.43922 ↙
0.31733                 0.068777

DFT Results:
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 3

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 6
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            0.70113                  0.36416 ↙
0.40708                 0.070113
    Robot2            0.64605                  0.37391 ↙
0.33674                 0.064605
    Robot3            0.59563                  0.33842 ↙
0.31677                 0.059563
```

```
DFT Results:
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 1

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 7
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	0.83861	0.47436	0.44811	0.083861
Robot2	0.75313	0.40131	0.42713	0.075313
Robot3	0.70996	0.37256	0.40839	0.070996

```
DFT Results:
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 1

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 8
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	0.70826	0.4118	0.36728	0.070826
Robot2	0.53003	0.24789	0.33514	0.053003
Robot3	0.50029	0.24837	0.30195	0.050029

```
DFT Results:
```

```
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 1
```

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 9
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

_____   _____ ↵

_____   _____

	C1 - Easy Nav, Low Exposure	C3 - Easy Nav, High Exposure	C2 / C4
Robot1	1	0.59258 ↵ 0.50742	0.1
Robot2	0.97845	0.5866 ↵ 0.48969	0.097845
Robot3	0.96337	0.54458 ↵ 0.51513	0.096337

```
DFT Results:
E_P: NaN  NaN  NaN
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 2
```

✗ Prediction differs from actual choice
=== Trial Analysis ===
Trial: 10
Participant: 125802
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

_____   _____ ↵

_____   _____

	C1 - Easy Nav, Low Exposure	C3 - Easy Nav, High Exposure	C2 / C4
Robot1	0.6313	0.31129 ↵ 0.38315	0.06313
Robot2	0.68773	0.34354 ↵ 0.41296	0.068773
Robot3	0.7127	0.37153 ↵ 0.41244	0.07127

```
DFT Results:
E_P: NaN  NaN  NaN
```

```
Choice probabilities: NaN  NaN  NaN
Predicted choice: Robot 1
Actual choice: Robot 3

✗ Prediction differs from actual choice
>>
```