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

X 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

X 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

X 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

X 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

X 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

X 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

 $\boldsymbol{\mathsf{X}}$ Prediction changed

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