

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 0.3337

phi2: 0

tau: 2.5037

error_sd: 0.9532

Initial Preferences (from ASCs):

-0.7387 -0.2531 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	0.20543
Robot2	0.32203
Robot3	0.47254

DFT Results:

E_P: -0.74 -0.31 0.06

Choice probabilities: 0.205 0.322 0.473

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== 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	0.21033
Robot2	0.31984
Robot3	0.46983

DFT Results:

E_P: -0.72 -0.32 0.05

Choice probabilities: 0.210 0.320 0.470

Predicted choice: Robot 3

Actual choice: Robot 1

X Prediction differs from actual choice

=== 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	0.20926
Robot2	0.33679
Robot3	0.45394

DFT Results:

E_P: -0.73 -0.27 0.01

Choice probabilities: 0.209 0.337 0.454

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== 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	0.20827
Robot2	0.32649
Robot3	0.46524

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.465

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== 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	0.20845
Robot2	0.32593
Robot3	0.46562

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.466

Predicted choice: Robot 3

Actual choice: Robot 1

X Prediction differs from actual choice

=== Current Trial Analysis ===

Trial: 6

Participant: 1002

Actual Choice: Robot 3

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

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	0.20831
Robot2	0.32638
Robot3	0.46532

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.465

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== 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	0.20848
Robot2	0.32582
Robot3	0.4657

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.466

Predicted choice: Robot 3

Actual choice: Robot 2

✗ Prediction differs from actual choice

=== 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	0.20848
Robot2	0.32582
Robot3	0.4657

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.466

Predicted choice: Robot 3

Actual choice: Robot 1

X Prediction differs from actual choice

=== 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	0.20848
Robot2	0.32582
Robot3	0.4657

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.466

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== 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	0.20848
Robot2	0.32582
Robot3	0.4657

DFT Results:

E_P: -0.73 -0.30 0.04

Choice probabilities: 0.208 0.326 0.466

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

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