

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 32.7954

phi2: 0.1601

tau: 22027.4658

error_sd: 1

Initial Preferences (from ASCs):

-24.2300 -11.8930 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	0.88477
Robot2	0.078084
Robot3	0.037147

DFT Results:

E_P: 1.84 -0.58 -1.33

Choice probabilities: 0.885 0.078 0.037

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	0.040823
Robot2	0.43942
Robot3	0.51976

DFT Results:

E_P: -1.62 0.76 0.93

Choice probabilities: 0.041 0.439 0.520

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	0.026676
Robot2	0.46883
Robot3	0.50449

DFT Results:

E_P: -1.91 0.96 1.03

Choice probabilities: 0.027 0.469 0.504

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	0.030265
Robot2	0.45697
Robot3	0.51276

DFT Results:

E_P: -1.83 0.89 1.00

Choice probabilities: 0.030 0.457 0.513

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	0.023216
Robot2	0.45813
Robot3	0.51866

DFT Results:

E_P: -2.00 0.98 1.10

Choice probabilities: 0.023 0.458 0.519

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
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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	0.027882
Robot2	0.45788
Robot3	0.51424

DFT Results:

E_P: -1.88 0.92 1.03

Choice probabilities: 0.028 0.458 0.514

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	0.02297
Robot2	0.45758
Robot3	0.51945

DFT Results:

E_P: -2.01 0.98 1.11

Choice probabilities: 0.023 0.458 0.519

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	0.02297
Robot2	0.45758
Robot3	0.51945

DFT Results:

E_P: -2.01 0.98 1.11

Choice probabilities: 0.023 0.458 0.519

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	0.02297
Robot2	0.45758
Robot3	0.51945

DFT Results:

E_P: -2.01 0.98 1.11

Choice probabilities: 0.023 0.458 0.519

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	0.02297
Robot2	0.45758
Robot3	0.51945

DFT Results:

E_P: -2.01 0.98 1.11

Choice probabilities: 0.023 0.458 0.519

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction changed

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