

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 18.9135

phi2: 0.1858

tau: 22027.4658

error_sd: 1

Initial Preferences (from ASCs):

-0.5240 0.2163 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	0.92923
Robot2	0.052731
Robot3	0.018035

DFT Results:

E_P: 2.25 -0.62 -1.69

Choice probabilities: 0.929 0.053 0.018

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	0.01622
Robot2	0.44651
Robot3	0.53727

DFT Results:

E_P: -2.25 1.06 1.25

Choice probabilities: 0.016 0.447 0.537

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	0.0041699
Robot2	0.48293
Robot3	0.5129

DFT Results:

E_P: -3.17 1.58 1.64

Choice probabilities: 0.004 0.483 0.513

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	0.0090842
Robot2	0.4905
Robot3	0.50042

DFT Results:

E_P: -2.65 1.34 1.36

Choice probabilities: 0.009 0.490 0.500

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	0.0063215
Robot2	0.48797
Robot3	0.50571

DFT Results:

E_P: -2.89 1.46 1.49

Choice probabilities: 0.006 0.488 0.506

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	0.0082517
Robot2	0.49026
Robot3	0.50149

DFT Results:

E_P: -2.71 1.37 1.39

Choice probabilities: 0.008 0.490 0.501

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	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:

E_P: -2.91 1.47 1.51

Choice probabilities: 0.006 0.487 0.507

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	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:

E_P: -2.91 1.47 1.51

Choice probabilities: 0.006 0.487 0.507

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	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:

E_P: -2.91 1.47 1.51

Choice probabilities: 0.006 0.487 0.507

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	0.0060955
Robot2	0.48717
Robot3	0.50674

DFT Results:

E_P: -2.91 1.47 1.51

Choice probabilities: 0.006 0.487 0.507

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction changed

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