

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phil: 6.3422

phi2: 0.1

tau: 22027.4658

error_sd: 0.1

Initial Preferences (from ASCs):

0.0236 0.0289 0

=== Trial Analysis ===

Trial: 1

Participant: 141831

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	1.5471		0.86859 ✓
0.83325		0.15471	
Robot2	1.6677		0.95919 ✓
0.87531		0.16677	
Robot3	1.7173		0.98616 ✓
0.90287		0.17173	

DFT Results:

E_P: 5.29 -0.74 -4.53

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 2

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

Robot1	1.3922		0.87272 ✓
0.65868		0.13922	
Robot2	1.4529		0.94342 ✓
0.65475		0.14529	
Robot3	1.3351		0.80339 ✓

0.66525

0.13351

DFT Results:

E_P: 2.98 -5.12 2.13

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 2

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 3

Participant: 141831

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
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	Robot1	1.402		0.86986 ✓
0.67235			0.1402	
	Robot2	1.2474		0.83335 ✓
0.53876			0.12474	
	Robot3	1.3683		0.81368 ✓
0.69148			0.13683	

DFT Results:

E_P: -11.54 3.79 7.82

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ 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
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	Robot1	1.2593		0.72278 ✓
0.6624			0.12593	
	Robot2	1.2686		0.74716 ✓
0.64834			0.12686	
	Robot3	1.1547		0.63918 ✓
0.63094			0.11547	

DFT Results:

E_P: -11.46 3.12 8.36

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 1

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 5

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	1.9142	1.0061
1.0995	0.19142	
Robot2	1.8157	1.0152
0.98212	0.18157	
Robot3	1.9388	1.0413
1.0913	0.19388	

DFT Results:

E_P: 11.16 4.08 -15.20

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 6

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	1.8542	1.0334
1.0062	0.18542	
Robot2	1.5482	0.8474
0.85561	0.15482	
Robot3	1.6534	0.90354
0.91523	0.16534	

DFT Results:

E_P: -3.39 1.47 1.88

Choice probabilities: 0.000 0.016 0.984

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 7

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	1.5749		0.97259 ✓
0.75978		0.15749	
Robot2	1.3098		0.7204 ✓
0.72042		0.13098	
Robot3	1.3788		0.7701 ✓
0.7466		0.13788	

DFT Results:

E_P: -0.40 11.07 -10.61

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 1

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 8

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	1.5868		0.98673 ✓
0.75877		0.15868	
Robot2	1.4619		0.8791 ✓
0.72897		0.14619	
Robot3	1.459		0.89355 ✓
0.71138		0.1459	

DFT Results:

E_P: -6.72 -0.86 7.56
 Choice probabilities: 0.000 0.000 1.000
 Predicted choice: Robot 3
 Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 9

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	1.6712	0.98461	✓
0.85369	0.16712		
Robot2	1.554	0.90743	✓
0.80197	0.1554		
Robot3	1.5968	0.94359	✓
0.81292	0.15968		

DFT Results:

E_P: -7.08 7.26 -0.18
 Choice probabilities: 0.000 1.000 0.000
 Predicted choice: Robot 2
 Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 10

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

Robot1	1.218	0.70536	✓
0.63443	0.1218		
Robot2	1.1367	0.69054	✓
0.55988	0.11367		
Robot3	0.95984	0.43864	✓
0.61719	0.095984		

DFT Results:

E_P: -6.23 4.22 2.04

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Choice probabilities: 0.000  1.000  0.000  
Predicted choice: Robot 2  
Actual choice: Robot 2
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✓ Prediction matches actual choice  
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