

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 1.3524

phi2: 0

tau: 22027.4658

error\_sd: 1

Initial Preferences (from ASCs):

0.0804      0.1052      0

=== Trial Analysis ===

Trial: 1

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	0.63793		0.31455 ✓
0.38717		0.063793	
Robot2	0.69495		0.34715 ✓
0.41729		0.069495	
Robot3	0.72018		0.37543 ✓
0.41676		0.072018	

DFT Results:

E\_P: 82.10   -19.76   -62.16

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: 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	0.68344		0.39228 ✓
0.35951		0.068344	
Robot2	0.68853		0.40551 ✓
0.35188		0.068853	
Robot3	0.62667		0.34691 ✓

0.34243

0.062667

DFT Results:

E\_P: -30.53 -37.52 68.23

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 1

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 3

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	0.75966		0.45714 ✓
0.37848		0.075966	
Robot2	0.79839		0.48758 ✓
0.39065		0.079839	
Robot3	0.81282		0.49945 ✓
0.39465		0.081282	

DFT Results:

E\_P: 53.46 -14.06 -39.22

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 4

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	0.89893		0.52464 ✓
0.46418		0.089893	
Robot2	0.9514		0.5364 ✓
0.51013		0.09514	
Robot3	1		0.63114 ✓
0.46886		0.1	

DFT Results:

E\_P: 89.49 -7.90 -81.40

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: 5

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	0.68048	0.2988 ✓
0.44972	0.068048	
Robot2	0.81923	0.46198 ✓
0.43918	0.081923	
Robot3	0.86408	0.4824 ✓
0.46808	0.086408	

DFT Results:

E\_P: 181.18 -49.86 -131.14

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: 6

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	0.79482	0.45756 ✓
0.41674	0.079482	
Robot2	0.87189	0.4866 ✓
0.47248	0.087189	
Robot3	0.81145	0.50326 ✓
0.38933	0.081145	

DFT Results:

E\_P: 54.47 -86.24 31.95

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: 7

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
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Robot1	0.81378	0.48521		
0.40995		0.081378		
Robot2	0.8578	0.46011		
0.48347		0.08578		
Robot3	0.92096	0.50718		
0.50588		0.092096		

DFT Results:

E\_P: 96.14 7.40 -103.35

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: 8

Participant: 141831

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	0.84367	0.4648		
0.46323		0.084367		
Robot2	0.7852	0.39484		
0.46888		0.07852		
Robot3	0.72277	0.39036		
0.40469		0.072277		

DFT Results:

E\_P: -103.94      -6.79    110.91  
 Choice probabilities: 0.000   0.000   1.000  
 Predicted choice: Robot 3  
 Actual choice: Robot 1

✗ Prediction differs from 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	0.90701		0.53438 ✗
0.46333		0.090701	
Robot2	0.84341		0.49249 ✗
0.43526		0.084341	
Robot3	0.86666		0.51212 ✗
0.4412		0.086666	

DFT Results:

E\_P: -61.52    51.03    10.67  
 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	0.75559		0.47366 ✗
0.35749		0.075559	
Robot2	0.78853		0.51203 ✗
0.35536		0.078853	
Robot3	0.72462		0.43603 ✗
0.36106		0.072462	

DFT Results:

E\_P: 1.28    -53.62    52.53

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Choice probabilities: 0.000  0.000  1.000  
Predicted choice: Robot 3  
Actual choice: Robot 2
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X Prediction differs from actual choice  
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