

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 1.3524

phi2: -0.1444

tau: 22027.4658

error_sd: 1

Initial Preferences (from ASCs):

0.0804 0.1052 0

=== Trial Analysis ===

Trial: 1

Participant: 142426

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	0.48064		0.23703
0.29168		0.048064	
Robot2	0.50194		0.2618
0.29034		0.050194	
Robot3	0.55509		0.31962
0.29098		0.055509	

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 2

Participant: 123310

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	0.43514		0.28035
0.1983		0.043514	
Robot2	0.40558		0.26114
0.185		0.040558	
Robot3	0.429		0.27421

0.19769

0.0429

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 3

Participant: 123310

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
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Robot1	0.44378		0.28303	
0.20513		0.044378		
Robot2	0.45768		0.27299	
0.23046		0.045768		
Robot3	0.45937		0.30018	
0.20513		0.045937		

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 4

Participant: 214504

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
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Robot1	0.27397		0.16559	
0.13578		0.027397		
Robot2	0.45649		0.30128	
0.20087		0.045649		
Robot3	0.44931		0.27849	
0.21576		0.044931		

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 5

Participant: 181700

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		0.61037	✓
0.48963		0.1		
Robot2	0.86196		0.55038	✓
0.39778		0.086196		
Robot3	0.92874		0.56252	✓
0.45909		0.092874		

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 6

Participant: 181700

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
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Robot1	0.27852		0.1681	✓
0.13828		0.027852		
Robot2	0.46799		0.30293	✓
0.21186		0.046799		
Robot3	0.49697		0.3085	✓
0.23817		0.049697		

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 7

Participant: 142426

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
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Robot1	0.52317		0.29681	✓
0.27867		0.052317		
Robot2	0.41391		0.22695	✓
0.22835		0.041391		
Robot3	0.52147		0.29338	✓
0.28024		0.052147		

DFT Results:

E_P: NaN NaN NaN

Choice probabilities: NaN NaN NaN

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 8

Participant: 123310

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
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Robot1	0.47696		0.25892	✓
0.26574		0.047696		
Robot2	0.47744		0.2261	✓
0.29909		0.047744		
Robot3	0.39166		0.1528	✓
0.27802		0.039166		

DFT Results:

E_P: NaN NaN NaN
 Choice probabilities: NaN NaN NaN
 Predicted choice: Robot 1
 Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 9

Participant: 214504

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.25772		0.16063	
0.12286		0.025772		
Robot2	0.10453		0.062078	
0.052902		0.010453		
Robot3	0.10109		0.066448	
0.044753		0.010109		

DFT Results:

E_P: NaN NaN NaN
 Choice probabilities: NaN NaN NaN
 Predicted choice: Robot 1
 Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 10

Participant: 123310

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.45041		0.2618	
0.23366		0.045041		
Robot2	0.48344		0.30464	
0.22715		0.048344		
Robot3	0.46552		0.27054	
0.24153		0.046552		

DFT Results:

E_P: NaN NaN NaN

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Choice probabilities: NaN NaN NaN  
Predicted choice: Robot 1  
Actual choice: Robot 1
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✓ Prediction matches actual choice  
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