

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phil: 0.6923

phi2: 0.1

tau: 22027.4658

error_sd: 0.1

Initial Preferences (from ASCs):

0.0148 0.0131 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	0.75974		0.39702 ✓
0.38729		0.024574	
Robot2	0.75601		0.3933 ✓
0.38691		0.024201	
Robot3	0.72981		0.40109 ✓
0.35029		0.021581	

DFT Results:

E_P: -10.61 -9.23 19.85

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 2

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	0.81425		0.44451 ✓
0.39976		0.030025	
Robot2	0.89874		0.47635 ✓
0.46087		0.038474	
Robot3	0.83248		0.49461 ✓

0.36971

0.031848

DFT Results:

E_P: 14.14 -34.70 20.56

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches 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		

Robot1	0.98456		0.56464 ✓
0.46697		0.047056	
Robot2	0.93893		0.51678 ✓
0.46464		0.042493	
Robot3	1		0.57785 ✓
0.47075		0.0486	

DFT Results:

E_P: -2.65 12.27 -9.62

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 4

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		

Robot1	0.6676		0.36258 ✓
0.32038		0.01536	
Robot2	0.61926		0.35376 ✓
0.27602		0.010526	
Robot3	0.514		0.20388 ✓
0.31012		0.01	

DFT Results:

E_P: -37.19 2.72 34.47

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 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	0.87995	0.52158
0.39496	0.036595	
Robot2	0.72224	0.37153
0.37154	0.020825	
Robot3	0.76329	0.4011
0.38712	0.024929	

DFT Results:

E_P: -25.15 21.84 3.31

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: 6

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		

Robot1	0.97739	0.50259
0.52114	0.046339	
Robot2	0.98304	0.50918
0.52077	0.046905	
Robot3	0.99746	0.53074
0.51507	0.048346	

DFT Results:

E_P: 1.33 -0.20 -1.13

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 7

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	0.94074		0.50613 ✓
0.47729		0.042674	
Robot2	0.88176		0.47955 ✓
0.43898		0.036776	
Robot3	0.98413		0.55487 ✓
0.47627		0.047013	

DFT Results:

E_P: -8.91 28.48 -19.56

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches 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	0.94074		0.50613 ✓
0.47729		0.042674	
Robot2	0.88176		0.47955 ✓
0.43898		0.036776	
Robot3	0.98413		0.55487 ✓
0.47627		0.047013	

DFT Results:

E_P: -8.91 28.48 -19.56
 Choice probabilities: 0.000 1.000 0.000
 Predicted choice: Robot 2
 Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 9

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	0.75722		0.36655 ✗
0.41499		0.024322	
Robot2	0.89805		0.4959 ✗
0.44055		0.038405	
Robot3	0.70076		0.35217 ✗
0.36727		0.018676	

DFT Results:

E_P: 0.21 -33.21 33.00
 Choice probabilities: 0.000 0.000 1.000
 Predicted choice: Robot 3
 Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 10

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	0.717		0.32803 ✗
0.40927		0.020301	
Robot2	0.91725		0.51808 ✗
0.43949		0.040325	
Robot3	0.90401		0.48827 ✗
0.45475		0.039001	

DFT Results:

E_P: 32.18 -12.03 -20.15

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Choice probabilities: 1.000  0.000  0.000  
Predicted choice: Robot 1  
Actual choice: Robot 1
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✓ Prediction matches actual choice  
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