

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 2.1035

phi2: 0.1

tau: 5.9998

error_sd: 0.1

Initial Preferences (from ASCs):

0.0150 0.0148 0

=== Trial Analysis ===

Trial: 1

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	0.58432		0.32552 ✓
0.27386		0.015068	
Robot2	0.65647		0.38753 ✓
0.29122		0.022283	
Robot3	0.43364		0.13426 ✓
0.29938		0.01	

DFT Results:

E_P: 0.02 0.03 -0.04

Choice probabilities: 0.387 0.411 0.202

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 2

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		0.5702 ✓
0.48643		0.056636	
Robot2	0.97069		0.56131 ✓
0.46308		0.053705	
Robot3	0.92904		0.52861 ✓

0.44997

0.04954

DFT Results:

E_P: 0.00 0.01 -0.01

Choice probabilities: 0.331 0.362 0.308

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 3

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	0.82631		0.47873 ✓
0.38684		0.039267	
Robot2	0.76287		0.44214 ✓
0.35364		0.032923	
Robot3	0.7747		0.43011 ✓
0.3787		0.034106	

DFT Results:

E_P: 0.01 0.01 -0.02

Choice probabilities: 0.348 0.374 0.278

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 4

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	0.89817		0.50736 ✓
0.43726		0.046453	
Robot2	0.95349		0.57427 ✓
0.4312		0.051985	
Robot3	0.88757		0.50813 ✓
0.42483		0.045393	

DFT Results:

E_P: -0.00 0.02 -0.01

Choice probabilities: 0.320 0.386 0.294

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 5

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	0.63829	0.34937
0.30939	0.020465	
Robot2	0.5925	0.34102
0.26737	0.015886	
Robot3	0.4928	0.19904
0.29967	0.01	

DFT Results:

E_P: 0.01 0.03 -0.03

Choice probabilities: 0.351 0.421 0.229

Predicted choice: Robot 2

Actual choice: Robot 1

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 6

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	0.74069	0.42655
0.34485	0.030705	
Robot2	0.78092	0.45815
0.3575	0.034728	
Robot3	0.7959	0.47048
0.36165	0.036226	

DFT Results:

E_P: 0.01 0.01 -0.01

Choice probabilities: 0.346 0.350 0.304

Predicted choice: Robot 2

Actual choice: Robot 1

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 7

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	0.93854	0.54077		
0.44826		0.05049		
Robot2	0.89531	0.49543		
0.44605		0.046167		
Robot3	0.95316	0.55328		
0.45183		0.051952		

DFT Results:

E_P: 0.01 -0.00 -0.00

Choice probabilities: 0.360 0.326 0.314

Predicted choice: Robot 1

Actual choice: Robot 3

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	0.76098	0.40034		
0.39337		0.032734		
Robot2	0.75374	0.43307		
0.35268		0.03201		
Robot3	0.68718	0.34613		
0.36641		0.025354		

DFT Results:

E_P: -0.00 0.02 -0.02
 Choice probabilities: 0.315 0.414 0.272
 Predicted choice: Robot 2
 Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 9

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	0.93175	0.48199	0.49957
Robot2	0.9371	0.48823	0.49921
Robot3	0.95076	0.50866	0.49381
	0.049811	0.050346	0.051712

DFT Results:

E_P: 0.00 0.00 -0.00
 Choice probabilities: 0.338 0.343 0.319
 Predicted choice: Robot 2
 Actual choice: Robot 1

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 10

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	0.7969	0.45569	0.37753
Robot2	0.84261	0.42963	0.45388
Robot3	0.90821	0.47851	0.47715
	0.036326	0.040897	0.047457

DFT Results:

E_P: 0.03 -0.01 -0.02

```
Choice probabilities: 0.453  0.293  0.254  
Predicted choice: Robot 1  
Actual choice: Robot 3
```

```
X Prediction differs from actual choice  
>>
```