

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phil: 1.7857

phi2: 0.1

tau: 5.9998

error_sd: 0.1

Initial Preferences (from ASCs):

0.0147 0.0144 0

=== Trial Analysis ===

Trial: 1

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	0.68721		0.39797 ✓
0.35795		0.068721	
Robot2	0.64137		0.38961 ✓
0.31589		0.064137	
Robot3	0.54156		0.24749 ✓
0.34822		0.054156	

DFT Results:

E_P: 0.01 0.03 -0.03

Choice probabilities: 0.352 0.423 0.225

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 2

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	0.9429		0.55553 ✓
0.48166		0.09429	
Robot2	0.87678		0.51198 ✓
0.45248		0.087678	
Robot3	0.90095		0.53238 ✓

0.45866

0.090095

DFT Results:

E_P: 0.00 0.01 -0.01

Choice probabilities: 0.339 0.352 0.310

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches 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	0.75256		0.35054 ✓
0.47727		0.075256	
Robot2	0.89843		0.48469 ✓
0.50358		0.089843	
Robot3	0.88508		0.46436 ✓
0.50923		0.088508	

DFT Results:

E_P: -0.00 0.01 -0.01

Choice probabilities: 0.316 0.379 0.305

Predicted choice: Robot 2

Actual choice: Robot 1

✗ 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	0.98097		0.53074 ✓
0.54833		0.098097	
Robot2	0.98633		0.53699 ✓
0.54797		0.098633	
Robot3	1		0.55743 ✓
0.54257		0.1	

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

✗ 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	0.73652	0.38255 ✗
0.42763	0.073652	
Robot2	0.67866	0.39279 ✗
0.35374	0.067866	
Robot3	0.62569	0.3555 ✗
0.33276	0.062569	

DFT Results:

E_P: -0.02 0.02 0.01

Choice probabilities: 0.267 0.390 0.343

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 6

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	0.66317	0.327 ✗
0.40249	0.066317	
Robot2	0.72244	0.36088 ✗
0.4338	0.072244	
Robot3	0.74867	0.39029 ✗
0.43325	0.074867	

DFT Results:

E_P: 0.01 0.00 -0.01

Choice probabilities: 0.359 0.332 0.309

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 7

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	0.87705	0.48319		
0.48156		0.087705		
Robot2	0.81626	0.41046		
0.48743		0.081626		
Robot3	0.75137	0.40581		
0.4207		0.075137		

DFT Results:

E_P: 0.01 -0.01 0.01

Choice probabilities: 0.359 0.294 0.348

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 8

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	0.74273	0.44617		
0.37084		0.074273		
Robot2	0.59106	0.31673		
0.33344		0.059106		
Robot3	0.59077	0.28823		
0.36162		0.059077		

DFT Results:

E_P: 0.02 0.01 -0.03
 Choice probabilities: 0.398 0.353 0.249
 Predicted choice: Robot 1
 Actual choice: Robot 2

X 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	0.6631		0.36153 ✓
0.36788		0.06631	
Robot2	0.66032		0.34028 ✓
0.38607		0.066032	
Robot3	0.70032		0.40298 ✓
0.36737		0.070032	

DFT Results:

E_P: 0.01 -0.01 0.00
 Choice probabilities: 0.354 0.308 0.338
 Predicted choice: Robot 1
 Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 10

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	0.63317		0.3741 ✓
0.32239		0.063317	
Robot2	0.70541		0.43618 ✓
0.33977		0.070541	
Robot3	0.48233		0.18264 ✓
0.34793		0.048233	

DFT Results:

E_P: 0.02 0.03 -0.05

```
Choice probabilities: 0.393  0.416  0.192  
Predicted choice: Robot 2  
Actual choice: Robot 2
```

```
✓ Prediction matches actual choice  
>>
```