

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 0

phi2: 0.1799

tau: 22027.4658

error_sd: 1

Initial Preferences (from ASCs):

0.1118 -1.1965 0

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

> In calculateDFTdynamics (line 70)

In main_BoundingOverwatch (line 164)

=== Trial Analysis ===

Trial: 1

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		

Robot1	0.01181	0.00724 ✓
0.00575	0.00118	
Robot2	0.00589	0.00357 ✓
0.00291	0.00059	
Robot3	0.00944	0.00623 ✓
0.00416	0.00094	

DFT Results:

E_P: -3.37 3.69 -0.32

Choice probabilities: 0.001 0.981 0.018

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

> In calculateDFTdynamics (line 70)

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=== Trial Analysis ===

Trial: 2

Participant: 214504

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	0.0082	0.00519 ✓
0.00383	0.00082	
Robot2	0.00947	0.00601 ✓
0.0044	0.00095	
Robot3	0.00782	0.00526 ✓
0.00334	0.00078	

DFT Results:

E_P: 0.88 -2.22 1.34

Choice probabilities: 0.381 0.017 0.602

Predicted choice: Robot 3

Actual choice: Robot 1

X Prediction differs from actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

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In main_BoundingOverwatch (line 164)

=== Trial Analysis ===

Trial: 3

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	0.02779	0.01602 ✓
0.01455	0.00278	
Robot2	0.02613	0.01548 ✓
0.01326	0.00261	
Robot3	0.02291	0.01338 ✓
0.01181	0.00229	

DFT Results:

E_P: -2.69 -1.77 4.45

Choice probabilities: 0.001 0.002 0.997

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

> In calculateDFTdynamics (line 70)

In main_BoundingOverwatch (line 164)

=== Trial Analysis ===

Trial: 4

Participant: 214504

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	0.00805	0.0045 ✓
0.00436	0.00081	
Robot2	0.01617	0.00969 ✓
0.00809	0.00162	
Robot3	0.0117	0.0077 ✓
0.00517	0.00117	

DFT Results:

E_P: 6.09 -6.72 0.63

Choice probabilities: 0.996 0.000 0.004

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17.

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=== Trial Analysis ===

Trial: 5

Participant: 214504

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	0.01181	0.00773 ✓
0.00525	0.00118	
Robot2	0.00802	0.00463 ✓
0.0042	0.0008	
Robot3	0.00883	0.00544 ✓
0.00428	0.00088	

DFT Results:

E_P: -2.84 1.37 1.47

Choice probabilities: 0.007 0.472 0.521

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17.

> In calculateDFTdynamics (line 70)

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=== Trial Analysis ===

Trial: 6

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

Robot1	0.01272		0.00704 ✓
0.00695		0.00127	
Robot2	0.01643		0.00918 ✓
0.0089		0.00164	
Robot3	0.01124		0.00623 ✓
0.00613		0.00112	

DFT Results:

E_P: 1.40 -5.12 3.72

Choice probabilities: 0.090 0.000 0.910

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17.

> In calculateDFTdynamics (line 70)

In main_BoundingOverwatch (line 164)

=== Trial Analysis ===

Trial: 7

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

Robot1	0.02763		0.01521 ✓
0.01518		0.00276	
Robot2	0.01524		0.00822 ✓
0.00854		0.00152	
Robot3	0.0223		0.01303 ✓

0.0115 0.00223

DFT Results:

E_P: -7.70 8.34 -0.64

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

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=== Trial Analysis ===

Trial: 8

Participant: 181700

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	0.01689	0.0102 ✓
0.00838	0.00169	
Robot2	0.01739	0.01025 ✓
0.00888	0.00174	
Robot3	0.02256	0.01408 ✓
0.01074	0.00226	

DFT Results:

E_P: 3.59 1.63 -5.22

Choice probabilities: 0.876 0.124 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

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=== Trial Analysis ===

Trial: 9

Participant: 214504

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	0.0119	0.00741 ✓
0.00568	0.00119	
Robot2	0.00712	0.0042 ✓
0.00363	0.00071	
Robot3	0.00884	0.00525 ✓
0.00448	0.00088	

DFT Results:

E_P: -3.28 2.22 1.06

Choice probabilities: 0.003 0.760 0.237

Predicted choice: Robot 2

Actual choice: Robot 1

X Prediction differs from actual choice

Warning: Matrix is close to singular or badly scaled. Results may be inaccurate. RCOND = 7.714168e-17. ✓

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=== Trial Analysis ===

Trial: 10

Participant: 214504

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	0.00806	0.00523 ✓
0.00363	0.00081	
Robot2	0.00562	0.0037 ✓
0.00249	0.00056	
Robot3	0.01058	0.00618 ✓
0.00546	0.00106	

DFT Results:

E_P: 0.61 2.73 -3.33

Choice probabilities: 0.107 0.891 0.002

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

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