

User robot choice data imported successfully.

Initializing R bridge...

Estimated Parameters:

phi1: 1.3524

phi2: 0

tau: 22027.4658

error_sd: 1

Initial Preferences (from ASCs):

0.0804 0.1052 0

=== Trial Analysis ===

Trial: 1

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	0.80176	0.44172	0.44022
Robot2	0.7462	0.37523	0.44559
Robot3	0.68688	0.37097	0.38459
	0.080176		0.07462
			0.068688

DFT Results:

E_P: -98.77 -6.44 105.40

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: 2

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	0.61224	0.3169	0.35656
Robot2	0.57197	0.27241	0.35675
Robot3	0.613	0.31344	
	0.061224		0.057197

0.36086

0.0613

DFT Results:

E_P: -21.75 45.91 -23.97

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 1

✗ Prediction differs from 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	0.70809	0.39367 ✗
0.38523	0.070809	
Robot2	0.70486	0.39044 ✗
0.3849	0.070486	
Robot3	0.68214	0.3972 ✗
0.35316	0.068214	

DFT Results:

E_P: -18.43 -12.91 31.53

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 4

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	0.71806	0.45013 ✗
0.33973	0.071806	
Robot2	0.74936	0.48659 ✗
0.33771	0.074936	
Robot3	0.68863	0.41437 ✗
0.34312	0.068863	

DFT Results:

E_P: 1.22 -50.95 49.92

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 5

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	0.9603	0.56906
0.48728	0.09603	
Robot2	0.9396	0.56332
0.47025	0.09396	
Robot3	0.92513	0.52296
0.49468	0.092513	

DFT Results:

E_P: -31.86 6.37 25.68

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 6

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	0.76739	0.45252
0.39161	0.076739	
Robot2	0.80526	0.46975
0.41603	0.080526	
Robot3	0.69717	0.3823
0.38459	0.069717	

DFT Results:

E_P: -16.88 -85.40 102.47

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 2

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	0.64668		0.28396 ✓
0.42739		0.064668	
Robot2	0.77854		0.43903 ✓
0.41736		0.077854	
Robot3	0.82116		0.45844 ✓
0.44484		0.082116	

DFT Results:

E_P: 172.19 -47.38 -124.63

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 8

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	0.66638		0.38256 ✓
0.35045		0.066638	
Robot2	0.70026		0.39055 ✓
0.37974		0.070026	
Robot3	0.66616		0.39667 ✓
0.3361		0.066616	

DFT Results:

E_P: 19.94 -42.87 23.11
 Choice probabilities: 0.040 0.000 0.960
 Predicted choice: Robot 3
 Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 9

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	0.75534	0.43483	
0.39604	0.075534		
Robot2	0.82859	0.46243	
0.44901	0.082859		
Robot3	0.77114	0.47827	
0.36999	0.077114		

DFT Results:

E_P: 51.77 -81.95 30.36
 Choice probabilities: 1.000 0.000 0.000
 Predicted choice: Robot 1
 Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 10

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	0.80532	0.45553	
0.43032	0.080532		
Robot2	0.72323	0.38538	
0.41017	0.072323		
Robot3	0.68177	0.35777	
0.39218	0.068177		

DFT Results:

E_P: -119.02 23.01 96.20

Choice probabilities: 0.000 0.000 1.000
 Predicted choice: Robot 3
 Actual choice: Robot 1

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 11

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	0.89676	0.48518
0.50126	0.089676	
Robot2	0.90166	0.49089
0.50094	0.090166	
Robot3	0.91416	0.50958
0.496	0.091416	

DFT Results:

E_P: 12.20 4.05 -16.06

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 12

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	0.72313	0.44866
0.34678	0.072313	
Robot2	0.64337	0.42982
0.27788	0.064337	
Robot3	0.70575	0.41968
0.35665	0.070575	

DFT Results:

E_P: -58.29 89.63 -31.15

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 13

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	0.79798		0.448 ✓
0.42977		0.079798	
Robot2	0.86018		0.49473 ✓
0.45147		0.086018	
Robot3	0.88575		0.50864 ✓
0.46568		0.088575	

DFT Results:

E_P: 87.95 -20.92 -66.85

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 14

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	0.61684		0.31126 ✓
0.36726		0.061684	
Robot2	0.76833		0.45944 ✓
0.38572		0.076833	
Robot3	0.75138		0.41743 ✓
0.40908		0.075138	

DFT Results:

E_P: 164.35 -93.93 -70.24

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 15

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.90298	0.53897		
0.4543	0.090298			
Robot2	0.86342	0.49748		
0.45228	0.086342			
Robot3	0.91636	0.55042		
0.45758	0.091636			

DFT Results:

E_P: -14.50 52.41 -37.73

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 16

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.68014	0.39545		
0.3527	0.068014			
Robot2	0.50899	0.23805		
0.32183	0.050899			
Robot3	0.48043	0.23851		
0.28997	0.048043			

DFT Results:

E_P: -213.95 79.92 134.21

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: 17

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	0.78279		0.4359 ✓
0.42517		0.078279	
Robot2	0.96171		0.56453 ✓
0.49335		0.096171	
Robot3	0.89517		0.51322 ✓
0.47147		0.089517	

DFT Results:

E_P: 170.93 -143.43 -27.32

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 18

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	0.62822		0.36381 ✓
0.32723		0.062822	
Robot2	0.58631		0.35617 ✓
0.28877		0.058631	
Robot3	0.49507		0.22624 ✓
0.31833		0.049507	

DFT Results:

E_P: -101.16 -22.98 124.32

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: 19

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.62822		0.36381	
0.32723		0.062822		
Robot2	0.58631		0.35617	
0.28877		0.058631		
Robot3	0.49507		0.22624	
0.31833		0.049507		

DFT Results:

E_P: -101.16 -22.98 124.32

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 20

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

	C1 - Easy Nav, Low Exposure	C2 - Hard Nav, Low Exposure	C3 - Easy Nav, High Exposure	C4 - Hard Nav, High Exposure
Robot1	0.85428		0.49858	
0.44112		0.085428		
Robot2	0.90414		0.50976	
0.48479		0.090414		
Robot3	0.95033		0.59979	
0.44557		0.095033		

DFT Results:

E_P: 85.05 -7.51 -77.35

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 2

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 21

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	0.81845		0.50894 ✓
0.39136		0.081845	
Robot2	0.75401		0.45342 ✓
0.37599		0.075401	
Robot3	0.75254		0.46088 ✓
0.36691		0.075254	

DFT Results:

E_P: -75.61 35.80 40.00

Choice probabilities: 0.000 0.015 0.985

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 22

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	0.67328		0.37631 ✓
0.36431		0.067328	
Robot2	0.78381		0.47045 ✓
0.39174		0.078381	
Robot3	0.72364		0.38314 ✓
0.41286		0.072364	

DFT Results:

E_P: 95.29 -95.95 0.84

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 23

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	0.71344	0.4198
0.36499	0.071344	
Robot2	0.61929	0.34323
0.33799	0.061929	
Robot3	0.67399	0.38246
0.35893	0.067399	

DFT Results:

E_P: -76.98 86.70 -9.54

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: 24

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	0.90513	0.50861
0.48703	0.090513	
Robot2	0.85394	0.50053
0.43881	0.085394	
Robot3	0.94031	0.54746
0.48688	0.094031	

DFT Results:

E_P: -12.13 83.62 -71.30

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 25

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	0.81229	0.50164
0.39188	0.081229	
Robot2	0.67559	0.37157
0.37158	0.067559	
Robot3	0.71116	0.3972
0.38508	0.071116	

DFT Results:

E_P: -134.97 98.88 36.27

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: 26

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	0.72192	0.43444
0.35968	0.072192	
Robot2	0.75874	0.46336
0.37125	0.075874	
Robot3	0.77245	0.47465
0.37505	0.077245	

DFT Results:

E_P: 50.81 -13.36 -37.27

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 27

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	0.6495		0.3728 ✓
0.34165		0.06495	
Robot2	0.65433		0.38537 ✓
0.3344		0.065433	
Robot3	0.59555		0.32968 ✓
0.32542		0.059555	

DFT Results:

E_P: -29.01 -35.65 64.84

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: 28

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	0.77336		0.46111 ✓
0.38959		0.077336	
Robot2	0.81519		0.43726 ✓
0.45946		0.081519	
Robot3	0.87522		0.48199 ✓
0.48075		0.087522	

DFT Results:

E_P: 91.36 7.04 -98.22

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 29

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	0.80027		0.48219 ✓
0.3981		0.080027	
Robot2	0.74221		0.44871 ✓
0.36772		0.074221	
Robot3	0.75305		0.4377 ✓
0.39065		0.075305	

DFT Results:

E_P: -61.43 42.27 19.35

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 30

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	0.95637		0.53302 ✓
0.51899		0.095637	
Robot2	0.79852		0.43707 ✓
0.44131		0.079852	
Robot3	0.8528		0.46603 ✓
0.47206		0.08528	

DFT Results:

E_P: -154.71 126.20 28.70

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 31

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	0.60618	0.33049 ✓
0.3363	0.060618	
Robot2	0.60363	0.31107 ✓
0.35293	0.060363	
Robot3	0.64021	0.36839 ✓
0.33584	0.064021	

DFT Results:

E_P: 18.80 19.76 -38.38

Choice probabilities: 0.277 0.723 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 32

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	0.68796	0.32045 ✓
0.4363	0.068796	
Robot2	0.82131	0.44309 ✓
0.46035	0.082131	
Robot3	0.80911	0.4245 ✓
0.46552	0.080911	

DFT Results:

E_P: 146.21 -82.69 -63.34

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 33

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	0.70803	0.41994 ✓
0.35888	0.070803	
Robot2	0.64935	0.39777 ✓
0.31651	0.064935	
Robot3	0.66047	0.42178 ✓
0.30473	0.066047	

DFT Results:

E_P: -65.90 41.25 24.83

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 34

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	0.95922	0.5659 ✓
0.48924	0.095922	
Robot2	0.9324	0.55776 ✓
0.46788	0.09324	
Robot3	0.89428	0.52784 ✓
0.45587	0.089428	

DFT Results:

E_P: -54.99 -5.59 60.77

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 35

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

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Robot1          0.57882          0.34199 ✓
0.29471          0.057882
Robot2          0.64485          0.39874 ✓
0.3106          0.064485
Robot3          0.44093          0.16696 ✓
0.31806          0.044093

DFT Results:
E_P: -37.54 -151.69 189.42
Choice probabilities: 0.000 0.000 1.000
Predicted choice: Robot 3
Actual choice: Robot 2

X Prediction differs from actual choice
=== Trial Analysis ===
Trial: 36
Participant: 125802
Actual Choice: Robot 2
M matrix (alternatives x attributes):
          C1 - Easy Nav, Low Exposure    C2 - Hard Nav, Low Exposure    C3 - Easy ✓
Nav, High Exposure    C4 - Hard Nav, High Exposure


```

```

Robot1          0.9873          0.51895 ✓
0.56709          0.09873
Robot2          0.93653          0.52362 ✓
0.50656          0.093653
Robot3          1          0.53711 ✓
0.56289          0.1

DFT Results:
E_P: -25.59 71.94 -46.16
Choice probabilities: 0.000 1.000 0.000
Predicted choice: Robot 2
Actual choice: Robot 2

✓ Prediction matches actual choice
=== Trial Analysis ===
Trial: 37
Participant: 125802
Actual Choice: Robot 3
M matrix (alternatives x attributes):
          C1 - Easy Nav, Low Exposure    C2 - Hard Nav, Low Exposure    C3 - Easy ✓
Nav, High Exposure    C4 - Hard Nav, High Exposure


```

Robot1	0.60624	0.29893 ✓
0.36794	0.060624	
Robot2	0.66043	0.32991 ✓
0.39657	0.066043	
Robot3	0.68441	0.35678 ✓
0.39606	0.068441	

DFT Results:

E_P: 78.02 -18.77 -59.07

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 3

X Prediction differs from actual choice

=== Trial Analysis ===

Trial: 38

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	0.86196	0.50784 ✓
0.44032	0.086196	
Robot2	0.80152	0.46803 ✓
0.41364	0.080152	
Robot3	0.82361	0.48668 ✓
0.41929	0.082361	

DFT Results:

E_P: -58.46 48.50 10.14

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 39

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	0.67898	0.40787 ✓
0.33901	0.067898	
Robot2	0.54032	0.28954 ✓
0.30481	0.054032	
Robot3	0.54005	0.26348 ✓
0.33058	0.054005	

DFT Results:

E_P: -158.27 81.65 76.81
 Choice probabilities: 0.000 0.992 0.008
 Predicted choice: Robot 2
 Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 40

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	0.86499	0.48824 ✓
0.46325	0.086499	
Robot2	0.81386	0.46521 ✓
0.43004	0.081386	
Robot3	0.9026	0.5305 ✓
0.46236	0.09026	

DFT Results:

E_P: -9.78 82.85 -72.89
 Choice probabilities: 0.000 1.000 0.000
 Predicted choice: Robot 2
 Actual choice: Robot 3

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 41

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	0.86499	0.48824 ✓
0.46325	0.086499	
Robot2	0.81386	0.46521 ✓
0.43004	0.081386	
Robot3	0.9026	0.5305 ✓
0.46236	0.09026	

DFT Results:

E_P: -9.78 82.85 -72.89

Choice probabilities: 0.000 1.000 0.000

Predicted choice: Robot 2

Actual choice: Robot 2

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 42

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	0.74049	0.41046 ✓
0.40408	0.074049	
Robot2	0.73386	0.44041 ✓
0.36684	0.073386	
Robot3	0.67296	0.36084 ✓
0.37941	0.067296	

DFT Results:

E_P: -45.61 -26.97 72.76

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 43

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	0.67104	0.33386 ✓
--------	---------	-----------

0.40428	0.067104	
Robot2	0.84462	0.4986 ✓
0.43048	0.084462	
Robot3	0.83315	0.47276 ✓
0.4437	0.083315	

DFT Results:

E_P: 192.53 -104.43 -87.91

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 44

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	0.74829	0.48906 ✓
0.33406	0.074829	
Robot2	0.74608	0.46667 ✓
0.35402	0.074608	
Robot3	0.8094	0.49722 ✓
0.39312	0.08094	

DFT Results:

E_P: 38.37 38.10 -76.29

Choice probabilities: 0.568 0.432 0.000

Predicted choice: Robot 1

Actual choice: Robot 2

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 45

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	0.86603	0.50839 ✓
0.44424	0.086603	

Robot2	0.91666	0.56963 ✓
0.4387	0.091666	
Robot3	0.85633	0.5091 ✓
0.43286	0.085633	

DFT Results:

E_P: 21.87 -62.07 40.38

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 3

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 46

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	0.6733	0.34971 ✓
0.39092	0.06733	
Robot2	0.62041	0.35907 ✓
0.32338	0.062041	
Robot3	0.57198	0.32498 ✓
0.3042	0.057198	

DFT Results:

E_P: -96.64 5.85 90.98

Choice probabilities: 0.000 0.000 1.000

Predicted choice: Robot 3

Actual choice: Robot 1

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 47

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	0.6733	0.34971 ✓
0.39092	0.06733	
Robot2	0.62041	0.35907 ✓

```

0.32338                0.062041
  Robot3              0.57198                0.32498 ✓
0.3042                0.057198

```

DFT Results:

```

E_P: -96.64    5.85    90.98
Choice probabilities: 0.000  0.000  1.000
Predicted choice: Robot 3
Actual choice: Robot 2

```

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 48

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          0.62356                0.39121 ✓
0.29471          0.062356
Robot2          0.91084                0.53149 ✓
0.47043          0.091084
Robot3          0.81086                0.45317 ✓
0.43877          0.081086

```

DFT Results:

```

E_P: 287.36 -230.73 -56.44
Choice probabilities: 1.000  0.000  0.000
Predicted choice: Robot 1
Actual choice: Robot 1

```

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 49

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          0.55178                0.36025 ✓
0.24671          0.055178
Robot2          0.57742                0.33689 ✓
0.29827          0.057742

```



```

Robot3          0.66364          0.39475 ✓
0.33526          0.066364

```

DFT Results:

```

E_P: 86.49    33.07  -119.37
Choice probabilities: 1.000  0.000  0.000
Predicted choice: Robot 1
Actual choice: Robot 2

```

✗ Prediction differs from actual choice

=== Trial Analysis ===

Trial: 50

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          0.70591          0.36725 ✓
0.40924          0.070591
Robot2          0.82798          0.47938 ✓
0.4314          0.082798
Robot3          0.65697          0.35478 ✓
0.36788          0.065697

```

DFT Results:

```

E_P: 39.76  -169.82  130.25
Choice probabilities: 0.000  0.000  1.000
Predicted choice: Robot 3
Actual choice: Robot 3

```

✓ Prediction matches actual choice

=== Trial Analysis ===

Trial: 51

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          0.64641          0.37934 ✓
0.33171          0.064641
Robot2          0.75924          0.45091 ✓
0.38426          0.075924
Robot3          0.71193          0.43016 ✓

```

0.35296

0.071193

DFT Results:

E_P: 104.94 -95.22 -9.53

Choice probabilities: 1.000 0.000 0.000

Predicted choice: Robot 1

Actual choice: Robot 1

✓ Prediction matches actual choice

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