EEG Mindfulness Index Report

=== Mindfulness Index (MI) Analysis Summary ===

File: UnicornRecorder_12_05_2025_12_41_310

Analysis Date: 2025-05-21 20:55:13

EDA file used:

data/eda_data\opensignals_lsl_500hz_gain1_0007808C0708_2025-04-30_16-32-15.txt

- Window Size: 3 seconds

- Window Overlap: 50.0%

- Frequency Bands: Theta (4, 7), Alpha (8, 12), Beta (13, 30)
- MI Weights: {'theta_fz': 0.25, 'alpha_po': 0.25, 'faa': 0.2, 'beta_frontal': 0.15, 'eda_norm': 0.25}
- State Thresholds: Focused >= 0.5, Neutral >= 0.37, Unfocused < 0.37

File Information:

- Total Duration: 205.33 seconds (3.42 minutes)

- Analyzed Duration: 204.00 seconds

- EDA Data Available: Yes

Results Summary:

- Total Windows Analyzed: 135

- Average MI Score: 0.6568

- MI Score Range: 0.3852 to 0.9950

Behavioral States:

- Focused: 119 windows (88.1%)

- Neutral: 16 windows (11.9%)

- Unfocused: 0 windows (0.0%)

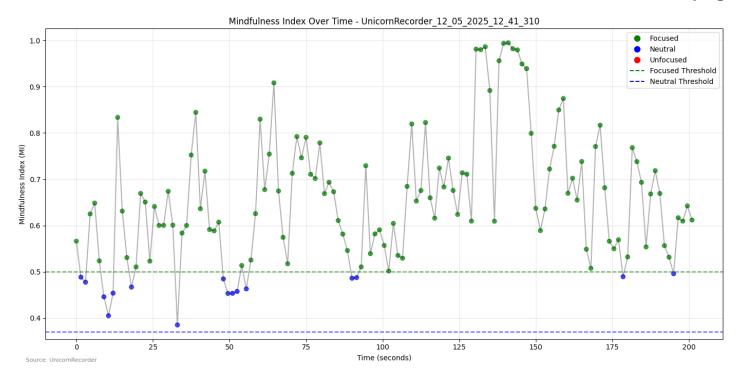
Output Files:

- JSON Data:

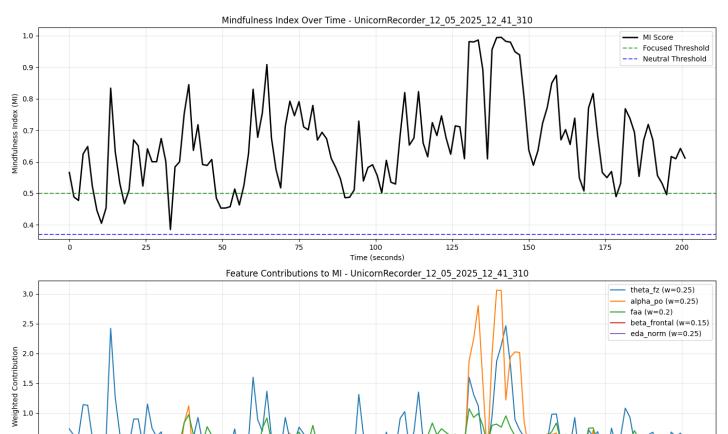
results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025 0521_205512_mindfulness_results.json **CSV** Data: results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025 0521_205512_mindfulness_data.csv Simplified MI Data: results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025 0521_205512_mi_only.csv Plot: ΜI results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025 0521_205512_mi_timeseries.png **Feature** Plot: results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025 0521_205512_feature_contributions.png State Plot: results/mindfulness_analysis_20250521_205509\UnicornRecorder_12_05_2025_12_41_310_2025

0521_205512_behavioral_states.png

UnicornRecorder_12_05_2025_12_41_310_20250521_205512_mi_timeseries.png



UnicornRecorder_12_05_2025_12_41_310_20250521_205512_feature_contributions.png



Time (seconds) 0.5

0.0

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UnicornRecorder_12_05_2025_12_41_310_20250521_205512_behavioral_states.png

Focused

Percentage of Time in Each State - UnicomRecorder_12_05_2025

88.1%

80
60
Focused

Neutral

Recorder_12_05_2025_12_41_310

Analysis and the state - UnicomRecorder_12_05_2025_12_41_310

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11.9%

Neutral

Behavioral State

Focused

0.0%

Unfocused

Source: UnicornRecorder

$Unicorn Recorder_12_05_2025_12_41_310_20250521_205512_mindfulness_data.csv$

timestamp	mi_score	behavioral_state	theta_fz	alpha_po	faa	beta_frontal	eda_norm	1
0.0	0.5663386922116	9 576 cused	2.9270448526028	107 4 363366266654	99 8 427763915661	7082 286413809107	(07 2 32926429885)	_ 0874
1.5	0.4884709471672	28 Ne utral	2.4780636911037	 355 932650133794	4 6 .763821950058	40.867 55001416501	 112 1 29931222958	927
3.0	0.4776083849684	16√7eutral	2.4563599309802	 6 33007618903930	0 05 84001023057	50.37 64755826497	 117725688013146	866
4.5	0.6250763359560	17904cused	4.551902452271	 4 036381856441133	3 46 7523116531605	5 6.26 754895095733	 	9028
6.0	0.6486491663897	 17605cused	4.5133126253748	 	1592 73243085828 ²	 @68 388874549820) 236 53428646053	_ 2427
7.5	0.5236981372280		2.3370086385542	25 13255430641400	356 282164360388	443 445045179811	77 6 07626940140	7043
9.0	0.445999603469			 3 8 4 848038913976				-
10.5	0.4051263735749			1 078 986746310475				
12.0	0.4539110490765			1265 860414635154				-
13.5	0.8337368493990			90.4422817551830				+
15.0	0.6312074879327			28 43856071960905				-
16.5	0.5308164687004			933817648468905				
18.0	0.4670634673446			52 5 051901603413				+
19.5	0.5105351290990			4015578388715833				-
21.0	0.6694874151430			8870084866217197				-
22.5	0.6508122912568			702 8 527198493378				
24.0	0.5231239557132			36 4908273542781				
25.5	0.6412275211374			16073217510656169				-
27.0	0.6002334917759			3 2 54198154364635				-
28.5	0.6003690985247			40 44747103205760				-
								-
30.0	0.6740284758117			052265697545721				
31.5	0.6008755562898			87.8536987942168				-
33.0	0.3851839640539			5032 904837965808				
34.5	0.5837950023514			686 972245388719				
36.0	0.6001665165432	270x4cused	1.8071491404542	830685683321958	5 2.3878144782371	69 2092809775391	1267 13098259068	2501 -
37.5	0.7523598736643	5700cused	1.0112310401389	6253301837011009	465 791565619313	40.1392602311854	108 6 76656574799	9633
39.0	0.8446830635482	7 726 cused	1.670821410337	906 763811030495	148548607027851	8 B1286826497270	105 6 65674149404	0413
40.5	0.6363238864322	25603cused	2.355154152888	80.6286727659612	1305 831842097510	963 194661584750	426 35722080142	4358
42.0	0.717644704890	14536cused	3.6920952315020	031218278994950	5248 375741627879	1095 296684910501	396 49450111887	3384
43.5	0.5913928975631	1 49 26cused	2.0147469001076	4 87160590178691	993 754057261315	108 8 987692070670	366 48514109722	9132
45.0	0.5886034098202	1706cused	0.870766083078	90472 568480182465	5318 366084641319	©11486239699434	286 46704505538	3579

46.5	0.6074705765325	7F462cused	1.8029765699416807902909	91179016 326 14257693943	9 7023062317778405	646 25738057055	234
48.0	0.4847532128516	210 € utral	1.0407589148673907475029)6235406d8 8 44693372727	240.2328214325880	7096 24739654746	7 513
49.5	0.4532678006424	. 0√5∂ utral	1.691556567280 5634 29105	55507832 @2\$ 39421768936	72023001895930728	2 3 8 97782792411	968
51.0	0.4535084387191	3 % eutral	1.564223327081388803065	52882879 951 47782055066	6 258 12343719757	109 5 81059553740	005
52.5	0.4576486772459	465 utral	1.686209102351569333200	08555672 726 78188710544	7884 900794804392	6 5 6 44742669760	309
54.0	0.5137741957721	3F9ú2cused	2.9192674879278902943804	123622819 8 . 8 4717421261	80 6.4 2844624615349	352 94433078389	553
55.5	0.4631956652432	. 509 utral	0.8771247206760 255 59336	3377734412200072110056	0 3027 611880511555	948 16832011358	1 413
57.0	0.5254796881645	876cused	1.0480886611110 5 2 5 99717	2620747 6 1 8 82490957627	8 5 34 6 628852570478	808 56498609359	625
58.5	0.6257477638902	.4 49 02cused	2.180641824965646962673	3437207571.549530055526	31052522099979704	912 21804129131	599
60.0	0.8299950640250	6524cused	6.3968446371491502691129	98103501 8200 07641352287	82251479796375727	91 5 59493816285	786
61.5	0.6777156197324	97604cused	3.546157691631822503320	039617964196732071407753	3©1 2 652229086068	d3\$ 58904783682	1 227
63.0	0.7544817802772	:1166¥cused	2.768083617206109166161	6423976 386 95809783301	19022488807201855	352 50418364058	106
64.5	0.9084571641648	2F3m2cused	5.4525101271896827500809	98227836 942 68395273040	65042882927964963	5 1 5 98751044581	836
66.0	0.6747086338315	TF ocused	2.332219837762590.918147	6210888 2.571438079829	5 66 3058586255708	812 4 27205510380	361
67.5	0.5746567088208	9F767cused	1.24637755709945042256142	27767509 6 21 1 56849587875	6103 8 048402073582	d7 \$ 92600861601	533
69.0	0.5173915354501	57236cused	1.4791039542762225256303	38194578 2 33 3 19769122335	26 61173426462898	7/3 6 56748209936	805
70.5	0.7129675698306	2566cused	3.6920133394128 5 3 6 21037	7912533 848 15207889728	9202612706876669	284 97383060108	7 85
72.0	0.7923884491410	27902cused	2.2189011294355729635689	97516332 8 8452106336467	3 @12 630508666185	2 23 6 83425321557	117
73.5	0.7462924720739	8863£used	1.996960509535792 5 27578	36864290 559 99499579058	428 4150702161763	268 42560764578	- 373
75.0	0.7907498930967	270o7cused	3.038474521300676342425	66786833 5 31 3 85485943865	4 2332 778850546993	428 9 01786039048	828
76.5	0.7107586443057	'8F764cused	2.606221696109 85 0 8 14632	2454627 1 28@ 73251775034	6104 8 806910483803	64 5 08415529413	- 074
78.0	0.7015488476280	1186¥cused	2.092328236052688514273	33069753127446037248819	1283503314356539	2 125 45106814258	541
79.5	0.7787859244002	. 9F4b icused	2.545155934009689405124	18018471 32 950413563291	9907.47362165957047	5 1 6 62079653506	7 84
81.0	0.6689693444465	8 764cused	2.4575479260962 5 04 3 51758	37847391 5243 31277517945	2908 2925734130934	116864236227252	- 206
82.5	0.6935961064068	2F466cused	1.653038390090537416328	85299530 249 48091764260	2 6 4 8 175045166009	119 6 49599624647	7 82
84.0	0.6730460687888	4533£used	1.5942266520473@1600718	33272535828689724171926	8 73 83868487586845	89 3 09144437374	199
85.5	0.6109438486756	9990cused	1.4369019663513802229383	3884284 1562 89318802341	37013085551958380	777242251482689	947
87.0	0.5815610279218	Ø994cused	1.3891881003395 9 0 5 93825	51695802 348 10056596087	08041738865967295	3 1163 81348941858	0 16
88.5	0.5460927160009	5520cused	1.5403889624655 5 34 2 01714	12082642 6 3 8 85612313224	3 563 51738090319	3 0 4 97947380240	- 489
90.0	0.4861710340280	7N@iutral	1.320466610886256275166	60711534 748 73828830955	6 5 01 2 304406424062	7/3 6 05719966972	462
91.5	0.4875732798111	509 utral	1.6336742838274209764	1216252 74 3 37 5570240805	0 2284 354188107610	714 6 95985544462	441
93.0	0.5106357158580	1F026cused	1.378914597071580211408	35192344 7103 59590760843	5 9 04 3 189626414226	97 6 40823816905	- 650
94.5	0.7292989695031	1F3o7cused	5.2407714421808709618224	19953523 761 59009085149	63 51925537360178	2 3 9 62539067120	 314

96.0	0.5392451410026	3 86o7 cused	2.5372739735800 6 45816964239854 6 00 8 531247496183 1 00 Z 11697293738603100727955	542886
97.5	0.5819942696988	8550cused	2.2886502372106 5 86509767144137 97.6 978556100459 5 62110935713338 7 1 6 5929425	961697
99.0	0.5907447695886	450cused	1.4084773908059801708094548543399600874647125684701266225595087150148868	971051
100.5	0.5569445163918	47894cused	1.7774040681408 825 594825558395 729 84305158502 1 @1 7 739013708506 @79 8641089	108040
102.0	0.5016989995091	5Fbcused	0.93513382764344444471387898032009 6 637626853544 7 09 8 81517120052 15 0 8 04991059	901133
103.5	0.6047078626865	9Fb2cused	2.7055446315072@28696542231841341704061442811051858543773030577877445164	407233
105.0	0.5353452220035	85901cused	1.569564961228 7106 831841075174 599 569468803788 9 21738081866078 2 816387690	145541
106.5	0.5294661365168	6786£used	1.46878059823888843384786457394565537744225896868310676869106543160053	354946
108.0	0.6846050276340	8Fb2cused	3.6300475699304 9 77 6 997259963594 3 7 6 196545339710 3 77 2 257860736200 2 7339096506	663580
109.5	0.8196231664718	2Focused	4.083829692191502611686049606316218316898051151800635049806792530392811408	123988
111.0	0.6530128959408	9F1o4cused	1.6245455427260 1103/397141384792 2266147485613497 3383411982952410 715266845954	329385
112.5	0.6755430980696	77533£used	2.721372750322 18 47958944010009 6 21 4 974180213310 3 833328599632369 5 3218539427	785784
114.0	0.8226933952773	3 57206 :used	5.398857753112798871004385331448450026302022504033477316571509315680100938	897211
115.5	0.6599637939776	7765cused	2.169404387322 13 96291549085062 5 6 9 981657632463 8 93409564643599 2 3 6 70865717	761645
117.0	0.6159540537584	OFb2cused	1.0835910058430 8049592216778663 1550579956967912 4063705455448134 226778104134	435467
118.5	0.7243479799692	3 79 5 7 cused	1.293287142715491 8 649698848890 7 771512406799206 7 23149266798184 8 0 6 96324976	648881
120.0	0.6833083306236	856 cused	1.8790383600474858860483087401822568437948841968620577064213322428273850	036786
121.5	0.7458124734588	5760£used	1.710958887748 59 21 2 700430850823 8 1 6 648916366036 8 42873428397128 982 2028663	189810
123.0	0.6758468703804	7749£used	2.1979423329422907664830234698233137540403958967608331114911970081999432817	187137
124.5	0.6240703339733	960cused	1.0663030772270640353979144546720654669354689372637172140045063725897472	136101
126.0	0.7140816811051	37003cused	2.293361394474259335558023556342504429868461870817304424140220878318766	609246
127.5	0.7110578846349	57436:used	2.257824536198031.666912546521012872792586582169180.3320572271403115225473151	154895
129.0	0.6096945080816	65906cused	1.27928525216944220465699852978338397311175213334316410913662151218539427	785784°
130.5	0.9812723220482	77402cused	6.3937365408565 27 74968956329241 8 83549344360334 9 46031656625780 7 77 2 98910813	370981
132.0	0.9801431113072	478uncused	5.2367882885206@99817335044203&.6174475823386105602063510790465822872469	911910
133.5	0.9863775272284	659a€used	4.4711824145631 2 05218269438279 839 419388782047 3 93056099046738 7 77 3 02904422	 294469
135.0	0.8918398073846	6620cused	1.80094748656453662545811876133.933694039170186529251550674081102452734706	 693150
136.5	0.6093506909942	378 2€used	1.4732103614814@1 8 985317397009@ZZ 3 914633202257Z@4269376167878 3 1293725947	114634
138.0	0.9561777105559	9546cused	3.76459215117139697529905869805657953890649659766540575294216943120705780	130756
139.5	0.9938453738139	9F3ocused	7.4694386366314 3 42.248990661504 008 577835971970 1 2285063462246 53 0 2 01816188	9186 7 8
141.0	0.9949961483987	⊈32cused	8.5312893517868 052.232639596408 63.8001534981698 8343011117038125 01598540495	123719
142.5	0.9820859461383	¶ bcused	9.8589022707791444866002840572758745411987397559.486790439930280203064192	207268
144.0	0.9795836581190	452ocused	7.21850804872365875749146753863317738796741637834432568755651533228523450	094504

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145.5	0.9490841340084 7 Fo¢cuse	d 3.5415284672532	2 8 81 4 011590845233	337 0642040971385	8884747789446682	711 3 22373267964	7422
147.0	0.9391041320174 4763 cuse	d 2.8630805763498	5 60603473249673	3.0314041864304	3344 660128086954	711 3 148852506493	341
148.5	0.7992404067265 4 Focuse	d 2.366273554908	4 3 3 797290825855	1286578454758042	9084149075125708	949 04991059011:	3377
150.0	0.6372490134269 F bcuse	d 0.9231136373184	1125936731949091	0292 755690796009	1043007302814586	010 & 960952696820	0542
151.5	0.5891268612906 8725 cuse	0.668105401701	211 2 295488535279	327.5 504211132090	8054494733702935	4125 53753003010	6448
153.0	0.635847805306 05706 cuse	d 1.756772517207	4 3 6 283432659789	7215 518301744196	793679365963080	225 82207468809	17
154.5	0.7221796749054 6 46cuse	1.655537385018	7 296 610536887040	228 8821986278800	203 544107299603	48 5 86201078044	0507
156.0	0.7712412300274 /R oscuse	2.0542410096112	2 72 85917765815561	0 60256436946354	5 04 3 684650861721	7/2 5 737210491850	0486
157.5	0.8498300606225 9535 cuse	d 3.902257876861	6 21 5 351613919379	5 14224659902152	40 93369716787473	33 5 555002070509	9052
159.0	0.8745207316327 (F ocuse	d 3.9273816223712	28 96473637520269	4771432756679279	@4 3503390348411	6 4 6 665724638960	0255
160.5	0.6696426063444 77 5cuse	2.0169848702646	8048827133784813	3286 098408343004	@62 981201737907	208 59833248312	1645
162.0	0.7023006188679 9 7b3cuse	1.8655754844204	2 161964097621856	4 22 001058451873	704 3 406186209705	636066683253728	815
163.5	0.6550733210264 45 55cuse	d 1.7775296045926	63 8 263619502507	1287072034474047	8 54054204784736	018 6 52754600701	9246
165.0	0.7383883357192 893 cuse	d 3.679203454959	78 37480919385271	293 539324619024	0 84674992315044	465 59493816285	786
166.5	0.5487691409407 (F2)cuse	1.0200651088966	3035128828747931	879326670760154	902848780257242	563 32786554527	521
168.0	0.5076455274630 37 ocuse	d 0.679004259233	78 014581659401001	7 12 6 170288523575	2 33444690832460	112384863243708	9522
169.5	0.7707908858456 0 602cuse	2.863452128586	12/83211825626042	©17 079241613635	8 53808683647980	1199 716344131184	4098
171.0	0.816930065637 11746 cuse	d 2.4129904053659	25 8355618378845	8887445212164566	5 564149435974717	284 89605654675	373
172.5	0.6816469550892 750 cuse	2.7364014495500	3336847232432879	4256 007612954700	7062 966564732914	d34456759530910	685
174.0	0.5661195345288 9 70£use	1.5125805215039	337 8152259589121	896 645178861051	2023 474481309519	5 8 5 96255038810	036
175.5	0.5498223196695 3707 cuse	d 0.9794263588638	3 48420084410347	7139 614243723340	8082261060760323	6 7 3 535733401122	248
177.0	0.5692645023200 0Fo cuse	d 2.9749350800790	3 63240081757347	954 494305825667	4052358862010089	84315384451803	701
178.5	0.4894981453445 80 £utral	1.8215319224636	0082 053836030257	/073 638825317004	912337048393629	810 2 73701155414	6334
180.0	0.5322866465666 Floc use	2.4318297810274	407 3369409716222	156 503223406467	562 388007294438	012244997089038	928
181.5	0.7683521089798 2783 cuse	d 4.3186376820578	129895721040380	587 219234790782	7003 700026815594	72208368204337	7562
183.0	0.7381471669043 876 cuse	d 3.7202850969612	2410558792121562	436 325583714468	557.7 568546513578	6 0 3 69118513576	194
184.5	0.6933992473375 2Rac use	2.015089584490	981908501592413	937 5045497207849	3 51679428453285	476538928783682	2112
186.0	0.5537641411570 0Fb6 cuse	0.849823284524	10.529162765412 ⁴	6222 954315398685	425 638905109707	4127 49899269133	3303
187.5	0.6683298889862 853 cuse	2.4249711948520	12 9 425068662785	3248 009183924558	2254 531272025269	951 02475159469	1218
189.0	0.7185823772767 8 543cuse	2.5328081024992	201918487173110059	4 21 9 249206396765	00 51668606450485	119828184018918	6665
190.5	0.6693542608774 F45 cuse	2.7000672681624	d8 2906895069043	1 292 431539174570	207 388743822569	410212459182556	3237
192.0	0.5565735661300 0535 cuse	1.598833602554	702 6982411871226	90 6 621076835740	7 7 81229223949640	72208555404770	6413
193.5	0.5316729324180 6 60cuse	1.6254595352978	2 01 6 056436790668	303 577087864070	4011352025670553	282 090546059250	0014

195.0	0.4959534432072	3 %29 utral	1.0434724447233	3 386 203211707387	932 795846519823	1226455333597059	342 604723248240	908
196.5	0.6168382621865	6 7ocused	2.7101876188811	9 .5086169468086	2 95 217834617133	4012 189391187962	71.3970038405415	376
198.0	0.6097004398858	5-70 cused	2.3880234946544	2 56886971303611	7/9 3 320467626173	3008 283192503176	7 16& 848632437089	522
199.5	0.6425886954275	47836cused	2.6349696952087	623 880031166833	3 156769384313716	9 964 672141603109	875 816184362056] 3115
201.0	0.6119305477557	9555cused	2.1593119203908	1 09& 219508407704	31.9955085175859	2044 575975044817	11057495097931985	3 8 4 2

UnicornRecorder_12_05_2025_12_41_310_20250521_205512_mi_only.csv

timestamp	mi_score	behavioral_state
0.0	0.5663386922116974	Focused
1.5	0.4884709471672849	Neutral
3.0	0.477608384968467	Neutral
4.5	0.6250763359560194	Focused
6.0	0.6486491663897165	Focused
7.5	0.5236981372280618	Focused
9.0	0.4459996034691549	Neutral
10.5	0.4051263735749562	Neutral
12.0	0.4539110490765578	Neutral
13.5	0.833736849399051	Focused
15.0	0.6312074879327776	Focused
16.5	0.5308164687004002	Focused
18.0	0.4670634673446601	Neutral
19.5	0.5105351290990526	Focused
21.0	0.6694874151430386	Focused
22.5	0.650812291256834	Focused
24.0	0.5231239557132643	Focused
25.5	0.6412275211374789	Focused
27.0	0.6002334917759372	Focused
28.5	0.6003690985247533	Focused
30.0	0.6740284758117226	Focused
31.5	0.6008755562898627	Focused
33.0	0.3851839640539051	Neutral
34.5	0.5837950023514507	Focused
36.0	0.6001665165432204	Focused
37.5	0.7523598736643509	Focused
39.0	0.8446830635482726	Focused
40.5	0.6363238864322563	Focused
42.0	0.7176447048901438	Focused
43.5	0.5913928975631498	Focused
45.0	0.5886034098202176	Focused
	I	

46.5 0.6074705768325742 Focused 48.0 0.4847332128516207 Neutral 49.5 0.4532678006424057 Neutral 51.0 0.453508438719138 Neutral 52.5 0.4576486772459465 Neutral 54.0 0.5137741957721392 Focused 55.5 0.4631956652432509 Neutral 57.0 0.5254796881645877 Focused 60.0 0.625747763902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197334964 Focused 62.0 0.6774768197334964 Focused 64.5 0.9084671641648236 Focused 64.5 0.574068338315771 Focused 67.5 0.574068388315771 Focused 67.5 0.754985390502387 Focused 70.5 0.7139854849140229 Focused 72.0 0.79238449140294 Focused 76.5 0.7107586443057874 Focused 78.0 0.776789244002941 Focused		•	
9.5 0.4532678008424057 Neutral 51.0 0.453678008424057 Neutral 51.0 0.45368438719138 Neutral 52.5 0.4578486772459465 Neutral 54.0 0.5137741957721392 Focused 55.5 0.4631956652432509 Neutral 55.5 0.4631956652432509 Neutral 57.0 0.52547968816465877 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 68.0 0.5173915354501523 Focused 67.5 0.7129675698306258 Focused 67.5 0.7129675698306258 Focused 67.5 0.7129675698306258 Focused 67.5 0.7129675698306258 Focused 67.5 0.7787859244002941 Focused 67.5 0.7787859244002941 Focused 67.5 0.7787859244002941 Focused 67.5 0.7787859244002941 Focused 67.5 0.68395961084068248 Focused 67.5 0.69393961084068248 Focused 67.5 0.69393961084068248 Focused 67.5 0.6109438486756991 Focused 67.5 0.6109438486756991 Focused 67.5 0.6460927160009522 Focused 67.0 0.4861710340280774 Neutral	46.5	0.6074705765325742	Focused
51.0 0.453508438719138 Neutral 52.5 0.4576486772459465 Neutral 52.5 0.4576486772459465 Neutral 54.0 0.5137741957721392 Focused 55.5 0.4631956652432509 Neutral 57.0 0.5254796881645877 Focused 57.0 0.5254796881645877 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 61.5 0.9084571641648236 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 68.0 0.5173915354601523 Focused 67.5 0.7462924720739883 Focused 67.5 0.7462924720739883 Focused 67.5 0.7462924720739883 Focused 67.5 0.7907489830967207 Focused 67.5 0.7907498930967207 Focused 67.5 0.7907498930967991 Focused 67.5 0.7907498930967991 Focused 67.5 0.7907497979111509 Pocused	48.0	0.4847532128516207	Neutral
52.5 0.4576486772459465 Neutral 54.0 0.5137741957721932 Focused 55.5 0.4631966652432509 Neutral 57.0 0.5254796881645877 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.8747086338315771 Focused 67.5 0.5746567088208977 Focused 68.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 75.0 0.7907498930967207 Focused 76.5 0.710758643057874 Focused 76.0 0.7907498930967207 Focused 76.1 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused <	49.5	0.4532678006424057	Neutral
54.0 0.5137741957721392 Focused 55.5 0.4631956652432509 Noutral 57.0 0.5254796881645677 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.790748830967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.790748830967207 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.67304608788843 Focused 85.5 0.6109438486756991 Focused 86.5 0.5460927160009522 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	51.0	0.453508438719138	Neutral
55.5 0.4631956652432509 Neutral 57.0 0.5254796881645877 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.746292472073883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.673046087888433 Focused 85.5 0.6109438486756991 Focused 86.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	52.5	0.4576486772459465	Neutral
57.0 0.5254796881645877 Focused 58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7644817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 68.0 0.5173915354501523 Focused 68.0 0.7129675698306258 Focused 70.5 0.7129675698306258 Focused 72.0 0.792384491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.673046068788433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	54.0	0.5137741957721392	Focused
58.5 0.6257477638902492 Focused 60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 75.0 0.7907489830967207 Focused 75.0 0.7907498930967207 Focused 78.0 0.7107586443057874 Focused 79.5 0.77107586443057874 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.610943846756991 Focused 86.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral	55.5	0.4631956652432509	Neutral
60.0 0.8299950640250624 Focused 61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 69.0 0.7129675698306258 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4867710340280774 Neutral 91.5 0.4875732798111509 Neutral	57.0	0.5254796881645877	Focused
61.5 0.6777156197324964 Focused 63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 66.0 0.5746567088208977 Focused 67.5 0.5746567088208977 Focused 68.0 0.5173915354501523 Focused 68.0 0.7129675698306258 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884481410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.673046068788433 Focused 85.5 0.6109438486756991 Focused 86.5 0.5460927160009522 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral	58.5	0.6257477638902492	Focused
63.0 0.7544817802772184 Focused 64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 69.0 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462524720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 82.5 0.6935961064068248 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4875732798111509 Neutral 91.5 0.4875732798111509 Neutral	60.0	0.8299950640250624	Focused
64.5 0.9084571641648236 Focused 66.0 0.6747086338315771 Focused 67.5 0.574656708208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6889693444465874 Focused 82.5 0.6935961064066248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	61.5	0.6777156197324964	Focused
66.0 0.6747086338315771 Focused 67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	63.0	0.7544817802772184	Focused
67.5 0.5746567088208977 Focused 69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	64.5	0.9084571641648236	Focused
69.0 0.5173915354501523 Focused 70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	66.0	0.6747086338315771	Focused
70.5 0.7129675698306258 Focused 72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.673046068788433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	67.5	0.5746567088208977	Focused
72.0 0.7923884491410292 Focused 73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.673046068788433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	69.0	0.5173915354501523	Focused
73.5 0.7462924720739883 Focused 75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4975732798111509 Neutral	70.5	0.7129675698306258	Focused
75.0 0.7907498930967207 Focused 76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	72.0	0.7923884491410292	Focused
76.5 0.7107586443057874 Focused 78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral	73.5	0.7462924720739883	Focused
78.0 0.7015488476280184 Focused 79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	75.0	0.7907498930967207	Focused
79.5 0.7787859244002941 Focused 81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	76.5	0.7107586443057874	Focused
81.0 0.6689693444465874 Focused 82.5 0.6935961064068248 Focused 84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	78.0	0.7015488476280184	Focused
82.5	79.5	0.7787859244002941	Focused
84.0 0.6730460687888433 Focused 85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	81.0	0.6689693444465874	Focused
85.5 0.6109438486756991 Focused 87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	82.5	0.6935961064068248	Focused
87.0 0.5815610279218094 Focused 88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	84.0	0.6730460687888433	Focused
88.5 0.5460927160009522 Focused 90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	85.5	0.6109438486756991	Focused
90.0 0.4861710340280774 Neutral 91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	87.0	0.5815610279218094	Focused
91.5 0.4875732798111509 Neutral 93.0 0.5106357158580103 Focused	88.5	0.5460927160009522	Focused
93.0 0.5106357158580103 Focused	90.0	0.4861710340280774	Neutral
	91.5	0.4875732798111509	Neutral
94.5 0.7292989695031137 Focused	93.0	0.5106357158580103	Focused
	94.5	0.7292989695031137	Focused

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96.0	0.5392451410026887	Focused
97.5	0.581994269698885	Focused
99.0	0.590744769588649	Focused
100.5	0.5569445163918484	Focused
102.0	0.501698999509151	Focused
103.5	0.6047078626865919	Focused
105.0	0.5353452220035891	Focused
106.5	0.5294661365168688	Focused
108.0	0.6846050276340812	Focused
109.5	0.819623166471827	Focused
111.0	0.6530128959408914	Focused
112.5	0.6755430980696739	Focused
114.0	0.8226933952773526	Focused
115.5	0.6599637939776775	Focused
117.0	0.6159540537584012	Focused
118.5	0.7243479799692397	Focused
120.0	0.6833083306236858	Focused
121.5	0.7458124734588569	Focused
123.0	0.6758468703804749	Focused
124.5	0.624070333973396	Focused
126.0	0.7140816811051303	Focused
127.5	0.7110578846349548	Focused
129.0	0.6096945080816696	Focused
130.5	0.9812723220482742	Focused
132.0	0.9801431113072486	Focused
133.5	0.9863775272284698	Focused
135.0	0.8918398073846622	Focused
136.5	0.6093506909942382	Focused
138.0	0.9561777105559948	Focused
139.5	0.993845373813993	Focused
141.0	0.9949961483987932	Focused
142.5	0.982085946138391	Focused
144.0	0.979583658119042	Focused

145.5	0.9490841340084714	Focused
147.0	0.9391041320174462	Focused
148.5	0.79924040672654	Focused
150.0	0.6372490134269044	Focused
151.5	0.5891268612906825	Focused
153.0	0.6358478053060506	Focused
154.5	0.7221796749054648	Focused
156.0	0.7712412300274065	Focused
157.5	0.8498300606225935	Focused
159.0	0.874520731632705	Focused
160.5	0.6696426063444744	Focused
162.0	0.7023006188679918	Focused
163.5	0.6550733210264457	Focused
165.0	0.7383883357192893	Focused
166.5	0.548769140940702	Focused
168.0	0.507645527463037	Focused
169.5	0.7707908858456062	Focused
171.0	0.8169300656371148	Focused
172.5	0.6816469550892756	Focused
174.0	0.5661195345288919	Focused
175.5	0.5498223196695307	Focused
177.0	0.5692645023200077	Focused
178.5	0.4894981453445805	Neutral
180.0	0.5322866465666108	Focused
181.5	0.7683521089798289	Focused
183.0	0.7381471669043818	Focused
184.5	0.6933992473375288	Focused
186.0	0.5537641411570016	Focused
187.5	0.6683298889862889	Focused
189.0	0.7185823772767843	Focused
190.5	0.6693542608774147	Focused
192.0	0.5565735661300035	Focused
193.5	0.531672932418068	Focused

195.0	0.4959534432072324	Neutral
196.5	0.616838262186567	Focused
198.0	0.6097004398858579	Focused
199.5	0.6425886954275483	Focused
201.0	0.6119305477557955	Focused