

EEG Mindfulness Index Report

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

File: UnicornRecorder_12_05_2025_12_41_310

Analysis Date: 2025-05-21 20:47:54

| 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_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_mindfulness_results.json

- CSV Data:
results/mindfulness_analysis_20250521_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_mindfulness_data.csv

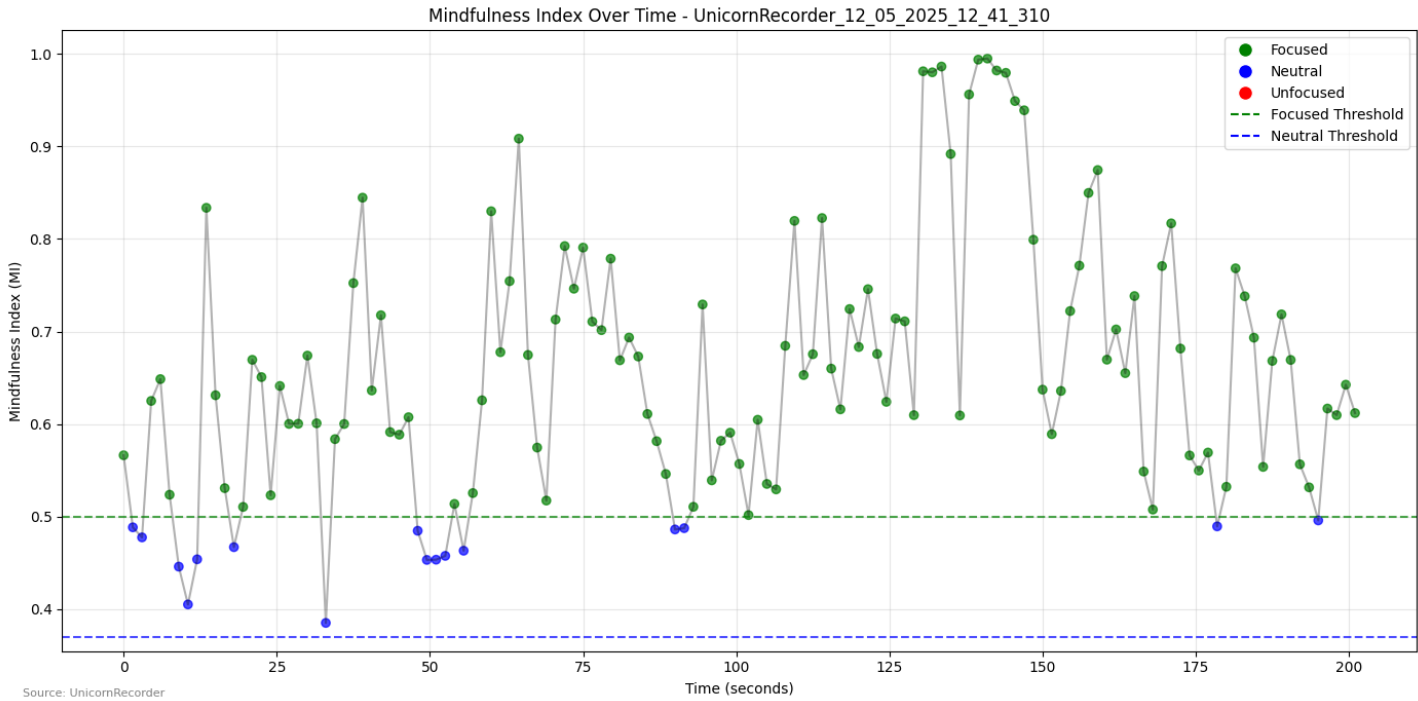
- Simplified MI Data:
results/mindfulness_analysis_20250521_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_mi_only.csv

- MI Plot:
results/mindfulness_analysis_20250521_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_mi_timeseries.png

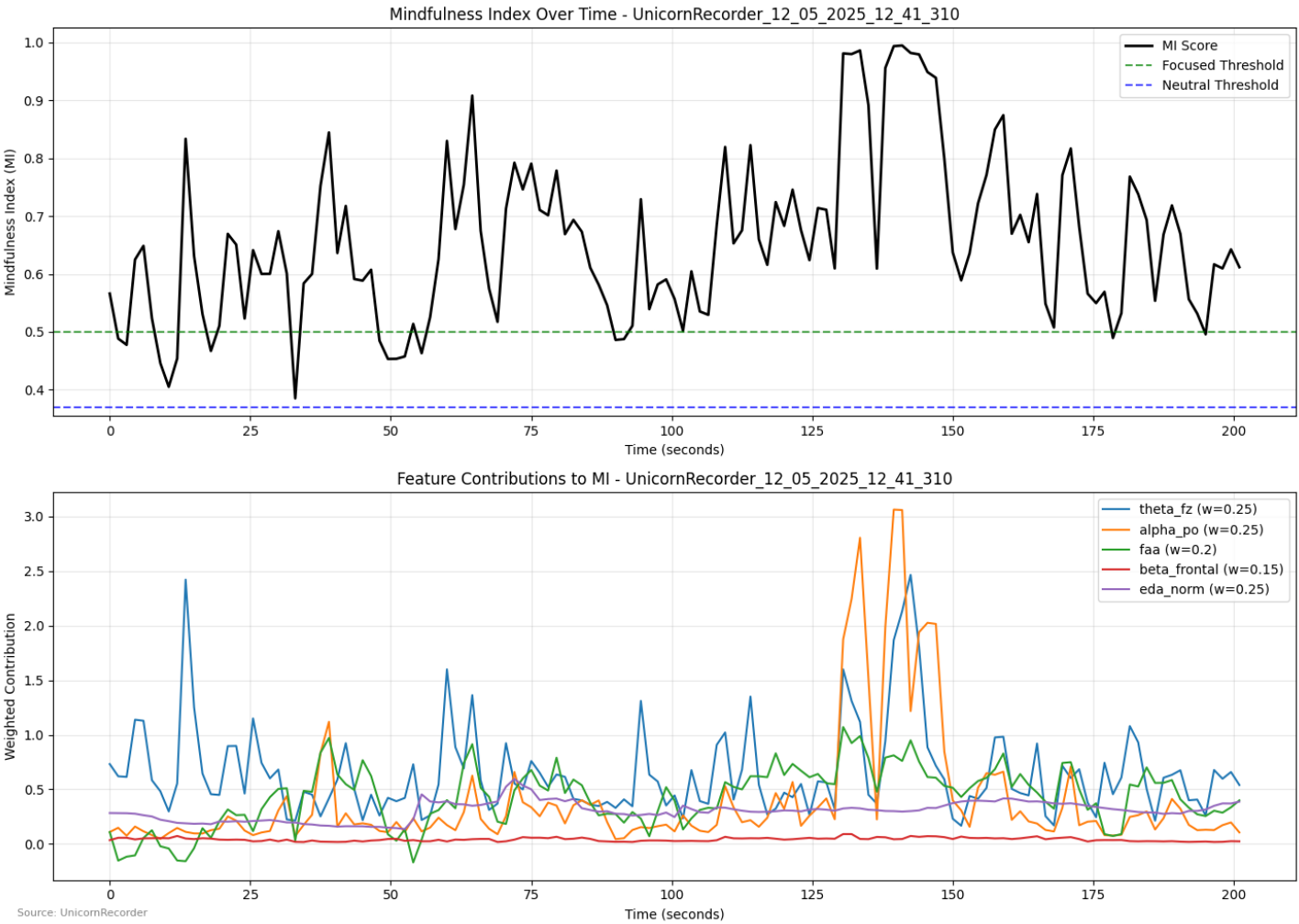
- Feature Plot:
results/mindfulness_analysis_20250521_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_feature_contributions.png

- State Plot:
results/mindfulness_analysis_20250521_204750\UnicornRecorder_12_05_2025_12_41_310_2025
0521_204752_behavioral_states.png

UnicornRecorder_12_05_2025_12_41_310_20250521_204752_mi_timeseries.png

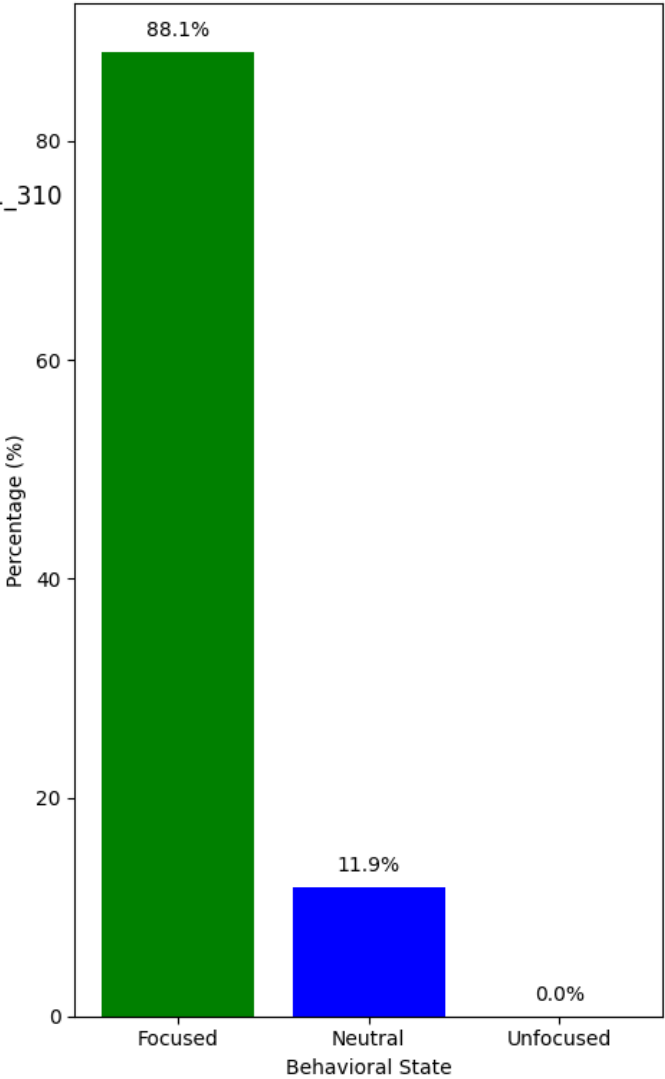
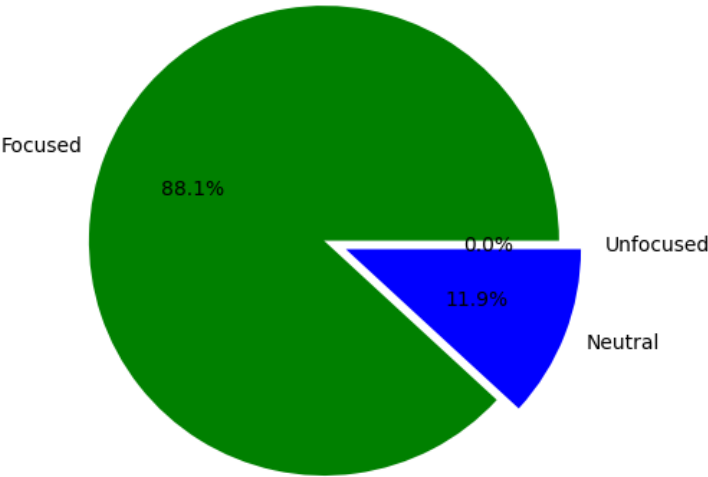


UnicornRecorder_12_05_2025_12_41_310_20250521_204752_feature_contributions.png



Percentage of Time in Each State - UnicornRecorder_12_05_2025

tion of Behavioral States - UnicornRecorder_12_05_2025_12_41_310



Source: UnicornRecorder

UnicornRecorder_12_05_2025_12_41_310_20250521_204752_mindfulness_data.csv

| timestamp | mi_score | behavioral_state | theta_fz | alpha_po | faa | beta_frontal | eda_norm |
|-----------|--------------------|------------------|--------------------|------------------|------------------|------------------|------------------|
| 0.0 | 0.5663386922116976 | Focused | 2.9270448526028177 | 3.63366266654998 | 427763915661998 | 286413809107732 | 29264298850874 |
| 1.5 | 0.4884709471672349 | Neutral | 2.478063691103735 | 5.93265013379446 | 7638219500584137 | 55001416501121 | 29931222958927 |
| 3.0 | 0.477608384968407 | Neutral | 2.456359930980263 | 3.00761890393090 | 584001023057503 | 764755826497177 | 25688013146866 |
| 4.5 | 0.625076335956099 | Focused | 4.551902452271143 | 6.38185644113346 | 523116531605562 | 54895095733381 | 1077167715899028 |
| 6.0 | 0.6486491663897165 | Focused | 4.513312625374814 | 4.63758765488459 | 273243085828106 | 388874549820235 | 534286460532427 |
| 7.5 | 0.5236981372280616 | Focused | 2.337008638554251 | 3.25543064140035 | 82164360388413 | 44504517981177 | 676269401407043 |
| 9.0 | 0.4459996034691549 | Neutral | 1.930439957931738 | 4.84803891397689 | 305735603308373 | 560623513175306 | 883178642486423 |
| 10.5 | 0.4051263735749562 | Neutral | 1.191350978644717 | 8.98674631047529 | 208971547376973 | 439955588708178 | 341545390005723 |
| 12.0 | 0.4539110490765578 | Neutral | 2.215636693088726 | 5.86041463515431 | 57631448610787 | 865035107942017 | 3730023975914612 |
| 13.5 | 0.8337368493990571 | Focused | 9.68425895719449 | 4.42281755183029 | 78936417050206 | 321340754752219 | 555303571888579 |
| 15.0 | 0.631207487932776 | Focused | 5.003450284666284 | 3.85607196090546 | 934545677850129 | 54160578196407 | 2380583167862547 |
| 16.5 | 0.5308164687004072 | Focused | 2.579037568599293 | 3.81764846890549 | 216766889357968 | 470865689196337 | 4472935381419163 |
| 18.0 | 0.4670634673446001 | Neutral | 1.823121421852952 | 8.05190160341321 | 808767922493348 | 248465744801487 | 243302850413521 |
| 19.5 | 0.5105351290990526 | Focused | 1.794880826002141 | 5.57838871583393 | 241826046708079 | 262894608188267 | 5246697170677306 |
| 21.0 | 0.6694874151430386 | Focused | 3.584486890724887 | 7.00848662171975 | 378881150450504 | 251182652697475 | 8166824985979692 |
| 22.5 | 0.6508122912568376 | Focused | 3.59094009359272 | 8.52719849337815 | 620140033152362 | 262946734266962 | 3329065361146721 |
| 24.0 | 0.5231239557132658 | Focused | 1.846320242075236 | 4.9082735427811 | 334399627754216 | 251906700760893 | 8144360934033488 |
| 25.5 | 0.6412275211374789 | Focused | 4.598797074532167 | 3.21751065616983 | 584810669917243 | 2551980617987419 | 9412681554502037 |
| 27.0 | 0.6002334917759372 | Focused | 2.971302115354825 | 4.19815436463595 | 19604677100818 | 753277096231109 | 558697892152364 |
| 28.5 | 0.6003690985247538 | Focused | 2.403308138146244 | 4.47471032057609 | 244122614706631 | 264764393434427 | 7583783538964 |
| 30.0 | 0.6740284758117226 | Focused | 2.725873052355905 | 2.26569754572122 | 21424995856817 | 661866613489416 | 391465505441733 |
| 31.5 | 0.6008755562898627 | Focused | 0.896877732894987 | 8.36987942168425 | 50967029800045 | 263338996429363 | 871048302021337 |
| 33.0 | 0.3851839640539054 | Neutral | 0.852425868212553 | 8.90483796580841 | 758689728416701 | 225410576283995 | 844840241417432 |
| 34.5 | 0.5837950023514507 | Focused | 1.912817434159368 | 8.97224538871965 | 31205152240471 | 115681856225013 | 729072696007773 |
| 36.0 | 0.6001665165432764 | Focused | 1.807149140454283 | 3.68568332195852 | 387814478237169 | 209280977539126 | 7130982590682501 |
| 37.5 | 0.7523598736643509 | Focused | 1.011231040138965 | 3.30183701100946 | 57915656193134 | 139260231185413 | 766565747999633 |
| 39.0 | 0.8446830635482726 | Focused | 1.670821410337100 | 6.76381103049544 | 854860702785183 | 128682649727015 | 6656741494040413 |
| 40.5 | 0.6363238864322586 | Focused | 2.35515415288818 | 6.28672765961205 | 31842097510963 | 194661584750426 | 357220801424358 |
| 42.0 | 0.7176447048901438 | Focused | 3.69209523150206 | 3.12182789949504 | 87574162787919 | 529668491050139 | 6494501118873384 |
| 43.5 | 0.5913928975631498 | Focused | 2.014746900107648 | 7.16059017869129 | 75405726131513 | 898769207067036 | 7485141097229132 |
| 45.0 | 0.588603409820276 | Focused | 0.870766083078594 | 2.56848018246531 | 36608464131961 | 148623969943428 | 67045055383579 |

| | | | | | | | |
|------|--------------------|---------|--------------------|--------------------|-------------------|-------------------|------------------|
| 46.5 | 0.6074705765325742 | Neutral | 1.8029765699416809 | 0.0290911790163261 | 4.2576939439722 | 0.062317778405646 | 2.5738057055234 |
| 48.0 | 0.4847532128516205 | Neutral | 1.0407589148673977 | 7.50296235406884 | 4.693372727240.23 | 28214325880796 | 247396547465138 |
| 49.5 | 0.4532678006424055 | Neutral | 1.6915565672805637 | 2.91055507832024 | 3.9421768936772 | 3.001895930728235 | 977827924110689 |
| 51.0 | 0.453508438719138 | Neutral | 1.564223327081388 | 8.03065288287995 | 1.477820550666258 | 1.23437197571105 | 810595537400057 |
| 52.5 | 0.4576486772459465 | Neutral | 1.686209102351569 | 3.3200855567272 | 8.1887105447834 | 9.00794804392655 | 44742669760309 |
| 54.0 | 0.5137741957721392 | Neutral | 2.919267487927892 | 9.43804236228106 | 8.47174212618062 | 8.44624615349352 | 944330783895534 |
| 55.5 | 0.4631956652432505 | Neutral | 0.877124720676025 | 5.59336377734402 | 2.00072110056032 | 7.61188051155594 | 816832011358413 |
| 57.0 | 0.5254796881645877 | Neutral | 1.048088661111052 | 5.99717262074761 | 8.24909576278546 | 6.2885257047880 | 8564986093596254 |
| 58.5 | 0.6257477638902492 | Neutral | 2.180641824965646 | 9.62673437207571 | 5.49530055526305 | 2.22099979704912 | 21804129131599 |
| 60.0 | 0.8299950640250624 | Neutral | 6.396844637149152 | 6.91129810350180 | 0.07641352287825 | 1.47979637572791 | 59493816285786 |
| 61.5 | 0.6777156197324956 | Neutral | 3.546157691631822 | 5.03320396179649 | 7.32071407753361 | 2.65222908606833 | 658904783682227 |
| 63.0 | 0.7544817802772184 | Neutral | 2.768083617206109 | 1.66161642397638 | 9.5809783301192 | 2.48880720185535 | 250418364058106 |
| 64.5 | 0.9084571641648236 | Neutral | 5.452510127189682 | 7.00809822783691 | 2.68395273040654 | 2.88292796496351 | 5987510445818363 |
| 66.0 | 0.674708633831577 | Neutral | 2.332219837762590 | 9.1814762108882 | 5.71438079829566 | 3.05858625570882 | 5272055103803616 |
| 67.5 | 0.5746567088208977 | Neutral | 1.246377557099454 | 2.56142776750962 | 1.56849587875603 | 0.4840207358267 | 8926008616015336 |
| 69.0 | 0.5173915354501528 | Neutral | 1.479103954276225 | 3.56303819457823 | 0.19769122335266 | 1.73426462898735 | 567482099368053 |
| 70.5 | 0.7129675698306258 | Neutral | 3.692013339412853 | 6.21037791253384 | 8.15207889728929 | 2.61270687666929 | 97383060108785 |
| 72.0 | 0.7923884491410292 | Neutral | 2.218901129435529 | 3.3568975163328 | 4.52106336467301 | 2.63050866618582 | 3834253215571177 |
| 73.5 | 0.7462924720739888 | Neutral | 1.996960509535792 | 2.52757868642905 | 5.99499579058428 | 4.15070216176326 | 842560764578373 |
| 75.0 | 0.7907498930967207 | Neutral | 3.038474521300676 | 3.42425678683351 | 3.58485943865423 | 7.78850546993489 | 01786039048828 |
| 76.5 | 0.710758644305787 | Neutral | 2.606221696109850 | 8.14632454627118 | 7.3251775034614 | 8.06910483803645 | 084155294130749 |
| 78.0 | 0.7015488476280184 | Neutral | 2.092328236052688 | 5.14273306975327 | 4.46037248819128 | 5.03314356539226 | 451068142585417 |
| 79.5 | 0.7787859244002954 | Neutral | 2.545155934009689 | 4.05124801847132 | 9.50413563291997 | 7.36216595704731 | 6620796535067848 |
| 81.0 | 0.668969344446587 | Neutral | 2.457547926096254 | 7.51758784739154 | 3.31277517945298 | 2.92573413093416 | 8642362272522068 |
| 82.5 | 0.6935961064068248 | Neutral | 1.653038390090537 | 4.16328529953084 | 8.48091764260264 | 8.17504516600919 | 6495996246477824 |
| 84.0 | 0.6730460687888438 | Neutral | 1.594226652047361 | 6.00718327253588 | 6.89724171926878 | 3.86848758684589 | 7091444373741998 |
| 85.5 | 0.6109438486756959 | Neutral | 1.436901966351380 | 2.29383884284156 | 8.89318802341370 | 3.08555195838077 | 2422514826899476 |
| 87.0 | 0.5815610279218099 | Neutral | 1.389188100339590 | 5.93825169580244 | 8.10056596087084 | 1.73886596729516 | 3813489418580163 |
| 88.5 | 0.5460927160009522 | Neutral | 1.540388962465554 | 2.01714208264263 | 3.85612313224356 | 3.51738090319130 | 4979473802404894 |
| 90.0 | 0.4861710340280774 | Neutral | 1.320466610886256 | 2.75166071153474 | 3.73828830955651 | 2.30440642406273 | 6057199669724624 |
| 91.5 | 0.4875732798111509 | Neutral | 1.633674283827421 | 2.09764216252748 | 9.75570240805028 | 4.35418810761074 | 695985544462441 |
| 93.0 | 0.5106357158580108 | Neutral | 1.378914597071580 | 2.11408519234470 | 3.59590760843594 | 1.89626414226976 | 408238169056503 |
| 94.5 | 0.7292989695031137 | Neutral | 5.240771442180879 | 6.18224995352376 | 1.59009085149635 | 1.92553736017823 | 9625390671203143 |

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|-------|--------------------|--------|--------------------|------------------|------------------|------------------|------------------|
| 96.0 | 0.5392451410026857 | ocused | 2.5372739735800645 | 8169642398546085 | 3124749618310271 | 16972937386031 | 007279554288614 |
| 97.5 | 0.5819942696988855 | ocused | 2.2886502372106538 | 5097671441379749 | 785561004595621 | 1109357133387165 | 9294259616974 |
| 99.0 | 0.5907447695886499 | ocused | 1.4084773908059817 | 0809454854339960 | 0874647125684201 | 26622559508715 | 01488697105104 |
| 100.5 | 0.5569445163918484 | ocused | 1.7774040681408825 | 5948255583957298 | 4305158502101177 | 3901370850607958 | 64108910804004 |
| 102.0 | 0.5016989950915757 | ocused | 0.9351338276434444 | 4713878980320966 | 3762685354479881 | 51712005215080 | 49910590113377 |
| 103.5 | 0.6047078626865919 | ocused | 2.7055446315072028 | 6965422318413411 | 7040614428111518 | 585437730303727 | 77445164072334 |
| 105.0 | 0.5353452220035891 | ocused | 1.5695649612287168 | 8318410751745956 | 94688037889217 | 380818660782816 | 38769014554131 |
| 106.5 | 0.5294661365168688 | ocused | 1.4687805982388883 | 4338478645739457 | 565377442258968 | 831067686910654 | 31600535494693 |
| 108.0 | 0.6846050276340812 | ocused | 3.6300475699304976 | 9972599635943761 | 965453397103722 | 57860736200273 | 390965066358054 |
| 109.5 | 0.8196231664718270 | ocused | 4.0838296921915061 | 1686049606316183 | 16898051151806 | 350498067925309 | 281140812398833 |
| 111.0 | 0.6530128959408919 | ocused | 1.6245455427260103 | 3971413847922661 | 474856134973834 | 11982952410752 | 684595432938524 |
| 112.5 | 0.6755430980696739 | ocused | 2.7213727503221847 | 9589440100096214 | 974180213310333 | 328599632369932 | 185394278578432 |
| 114.0 | 0.8226933952773526 | ocused | 5.3988577531127988 | 7100438533144815 | 002630202250403 | 4773165715093568 | 0100938972116 |
| 115.5 | 0.6599637939776775 | ocused | 2.1694043873221396 | 2915490850625699 | 81657632463893 | 409564643599236 | 708657176164543 |
| 117.0 | 0.6159540537584012 | ocused | 1.0835910058430849 | 5922167786635505 | 79956967912463 | 705455448134267 | 781041343546756 |
| 118.5 | 0.7243479799692397 | ocused | 1.2932871427154918 | 6496988488907151 | 24067992067023 | 149266798184806 | 96324976488819 |
| 120.0 | 0.6833083306236958 | ocused | 1.8790383600474858 | 860483087401822 | 568437948841962 | 620577064213322 | 28273850367865 |
| 121.5 | 0.7458124734588569 | ocused | 1.7109588877485921 | 2700430850823816 | 648916366036842 | 873428397128982 | 202866318981034 |
| 123.0 | 0.6758468703804749 | ocused | 2.1979423329422976 | 648302346982317 | 540403958967683 | 311149119700811 | 9943281718713787 |
| 124.5 | 0.6240703339733996 | ocused | 1.0663030772270640 | 3539791445467745 | 46693546893763 | 717214004506372 | 589747213610103 |
| 126.0 | 0.7140816811051308 | ocused | 2.2933613944742593 | 355580235563422 | 044298684618708 | 173044241402208 | 783187660924642 |
| 127.5 | 0.7110578846349548 | ocused | 2.2578245361980316 | 6691254652101827 | 9258658216980.3 | 3205722714031152 | 5473151154895 |
| 129.0 | 0.6096945080816696 | ocused | 1.2792852521694429 | 046569985297838 | 397311175213343 | 164109136621513 | 185394278578432 |
| 130.5 | 0.9812723220482742 | ocused | 6.3937365408565274 | 968956329241883 | 549344360334946 | 031656625780772 | 98910813709818 |
| 132.0 | 0.9801431113072486 | ocused | 5.2367882885206099 | 81733504420354.6 | 174475823386156 | 020635107904658 | 228724691191025 |
| 133.5 | 0.9863775272284698 | ocused | 4.4711824145631205 | 2182694382798394 | 19388782047393 | 056099046738773 | 029044229446989 |
| 135.0 | 0.8918398073846622 | ocused | 1.8009474865645360 | 6254581187613.9 | 336940391701852 | 925155067408102 | 527347069315091 |
| 136.5 | 0.6093506909942382 | ocused | 1.4732103614814018 | 8953173970096749 | 14633202257794 | 269376167878312 | 372594711463465 |
| 138.0 | 0.9561777105559948 | ocused | 3.7645921511713967 | 529905869805679 | 538906496597654 | 057529421694312 | 07057801307561 |
| 139.5 | 0.9938453738139953 | ocused | 7.4694386366314542 | .248990661504008 | 577835971970122 | 850634622465302 | 0181618918678 |
| 141.0 | 0.9949961483987932 | ocused | 8.5312893517868052 | .2326395964086.8 | 001534981698843 | 011117038125059 | 85404951237192 |
| 142.5 | 0.9820859461383979 | ocused | 9.8589022707791448 | 660028405727587 | 4541198739759.4 | 867904399302802 | 030641920726803 |
| 144.0 | 0.9795836581190472 | ocused | 7.2185080487236578 | 7574914675386317 | 738796741637844 | 325687556515332 | 28523450945045 |

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|-------|--------------------|---------|--------------------|------------------|-----------------|------------------|-------------------|
| 145.5 | 0.9490841340084704 | Focused | 3.5415284672532814 | 011590845233370 | 642040971385834 | 747789446682713 | 223732679647422 |
| 147.0 | 0.9391041320174462 | Focused | 2.863080576349856 | 06034732496733 | 031404186430434 | 466012808695471 | 514885250649341 |
| 148.5 | 0.79924040672654 | Focused | 2.366273554908743 | 579729082585513 | 657845475804298 | 414907512570894 | 94049910590113377 |
| 150.0 | 0.6372490134269046 | Focused | 0.92311363731841 | 259367319490910 | 275569079600910 | 4300730281458600 | 8960952696820542 |
| 151.5 | 0.5891268612906825 | Focused | 0.668105401701521 | 229548853527937 | 550421113209085 | 449473370293542 | 8537530030106448 |
| 153.0 | 0.6358478053060506 | Focused | 1.756772517207143 | 628343265978921 | 518301744196793 | 679365963080225 | 8220746880917 |
| 154.5 | 0.7221796749054648 | Focused | 1.655537385018719 | 61053688704082 | 821986278800207 | 544107299603485 | 862010780440507 |
| 156.0 | 0.7712412300274066 | Focused | 2.054241009611278 | 591776581556106 | 025643694635454 | 868465086172172 | 53737210491850486 |
| 157.5 | 0.8498300606225935 | Focused | 3.902257876861162 | 535161391937951 | 422465990215249 | 336971678747333 | 555002070509052 |
| 159.0 | 0.874520731632705 | Focused | 3.927381622371229 | 647363752026947 | 143275667927904 | 350339034841164 | 6665724638960255 |
| 160.5 | 0.6696426063444764 | Focused | 2.016984870264684 | 882713378481338 | 098408343004062 | 981201737907206 | 598332483121645 |
| 162.0 | 0.7023006188679918 | Focused | 1.865575484420426 | 196409762185642 | 200105845187374 | 540618620970563 | 60668325372815 |
| 163.5 | 0.6550733210264457 | Focused | 1.777529604592663 | 826361950250713 | 707203447404785 | 405420478473608 | 5527546007019246 |
| 165.0 | 0.7383883357192893 | Focused | 3.679203454959783 | 748091938527109 | 33932461902408 | 467499231504446 | 559493816285786 |
| 166.5 | 0.548769140940702 | Focused | 1.020065108896633 | 512882874793187 | 932667076015490 | 848780257242567 | 32786554527521 |
| 168.0 | 0.507645527463037 | Focused | 0.679004259233781 | 458165940100172 | 617028852357523 | 344469083246012 | 3848632437089522 |
| 169.5 | 0.7707908858456062 | Focused | 2.863452128586128 | 321182562604261 | 707924161363585 | 380868364798019 | 9716344131184098 |
| 171.0 | 0.8169300656371168 | Focused | 2.412990405365925 | 835561837884583 | 744521216456656 | 414943597471728 | 789605654675373 |
| 172.5 | 0.6816469550892756 | Focused | 2.736401449550033 | 684723243287945 | 500761295470076 | 296656473291403 | 445675953091685 |
| 174.0 | 0.5661195345288991 | Focused | 1.512580521503937 | 815225958912189 | 645178861051221 | 347448130951938 | 596255038810036 |
| 175.5 | 0.5498223196695307 | Focused | 0.979426358863534 | 842008441034773 | 961424372334083 | 226106076032367 | 5353573340112248 |
| 177.0 | 0.5692645023200077 | Focused | 2.974935080079036 | 324008175734795 | 449430582566745 | 235886201008984 | 4151384451803701 |
| 178.5 | 0.4894981453445805 | Neutral | 1.821531922463608 | 340538360302570 | 736388253170049 | 123370483936298 | 08737011554146334 |
| 180.0 | 0.5322866465666708 | Focused | 2.431829781027407 | 336940971622205 | 650322340646756 | 238800729443802 | 244997089038928 |
| 181.5 | 0.7683521089798289 | Focused | 4.318637682057812 | 989572104038058 | 221923479078270 | 370002681559472 | 2083682043377562 |
| 183.0 | 0.7381471669043818 | Focused | 3.720285096961241 | 1055879212156243 | 325583714468577 | 568546513578603 | 69118513576194 |
| 184.5 | 0.6933992473375288 | Focused | 2.015089584490598 | 190850159241397 | 504549720784935 | 167942845328547 | 6538928783682112 |
| 186.0 | 0.5537641411570016 | Focused | 0.849823284524410 | 529162765412462 | 295431539868542 | 563890510970742 | 7498992691333303 |
| 187.5 | 0.6683298889862889 | Focused | 2.424971194852612 | 942506866278534 | 800918392455825 | 453127202526995 | 1024751594691218 |
| 189.0 | 0.7185823772767848 | Focused | 2.532808102499209 | 648717311005941 | 724920639676505 | 168606450485198 | 281840189186665 |
| 190.5 | 0.6693542608774167 | Focused | 2.700067268162408 | 290689506904319 | 243153917457029 | 738874382256940 | 2124591825563237 |
| 192.0 | 0.5565735661300035 | Focused | 1.598833602554372 | 698241187122690 | 862107683574078 | 122922394964072 | 2085554047706413 |
| 193.5 | 0.5316729324180669 | Focused | 1.625459535297821 | 505643679066830 | 757708786407041 | 135202567055382 | 2090546059250014 |

| | | | | | | | |
|-------|--------------------|---------|--------------------|------------------|-----------------|------------------|------------------|
| 195.0 | 0.4959534432072321 | Neutral | 1.0434724447233386 | 203211707387939 | 795846519823126 | 455333597059342 | 604723248240908 |
| 196.5 | 0.616838262186567 | ocused | 2.71018761888119 | 508616946808629 | 521783461713340 | 121893911879627 | .397003840541576 |
| 198.0 | 0.6097004398858579 | ocused | 2.38802349465442 | 5688697130361179 | 320467626173308 | 283192503176768 | 848632437089522 |
| 199.5 | 0.6425886954275483 | ocused | 2.63496969520876 | 258800311668333 | 567693843137169 | 6467214160310987 | 5816184362056115 |
| 201.0 | 0.6119305477557955 | ocused | 2.159311920390819 | 2195084077043 | 995508517585924 | 457597504481710 | 5495097931985842 |

UnicornRecorder_12_05_2025_12_41_310_20250521_204752_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 |

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|------|--------------------|---------|
| 46.5 | 0.6074705765325742 | Focused |
| 48.0 | 0.4847532128516207 | 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 |
| 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 | 0.7462924720739883 | 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 |
| 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 |

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|-------|--------------------|---------|
| 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 |