

Comprehensive EEG Mindfulness Index Report

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

Report Date: 2025-05-22 10:45:16

Number of files analyzed: 1

Total windows analyzed: 135

Average MI score (all files): 0.5271

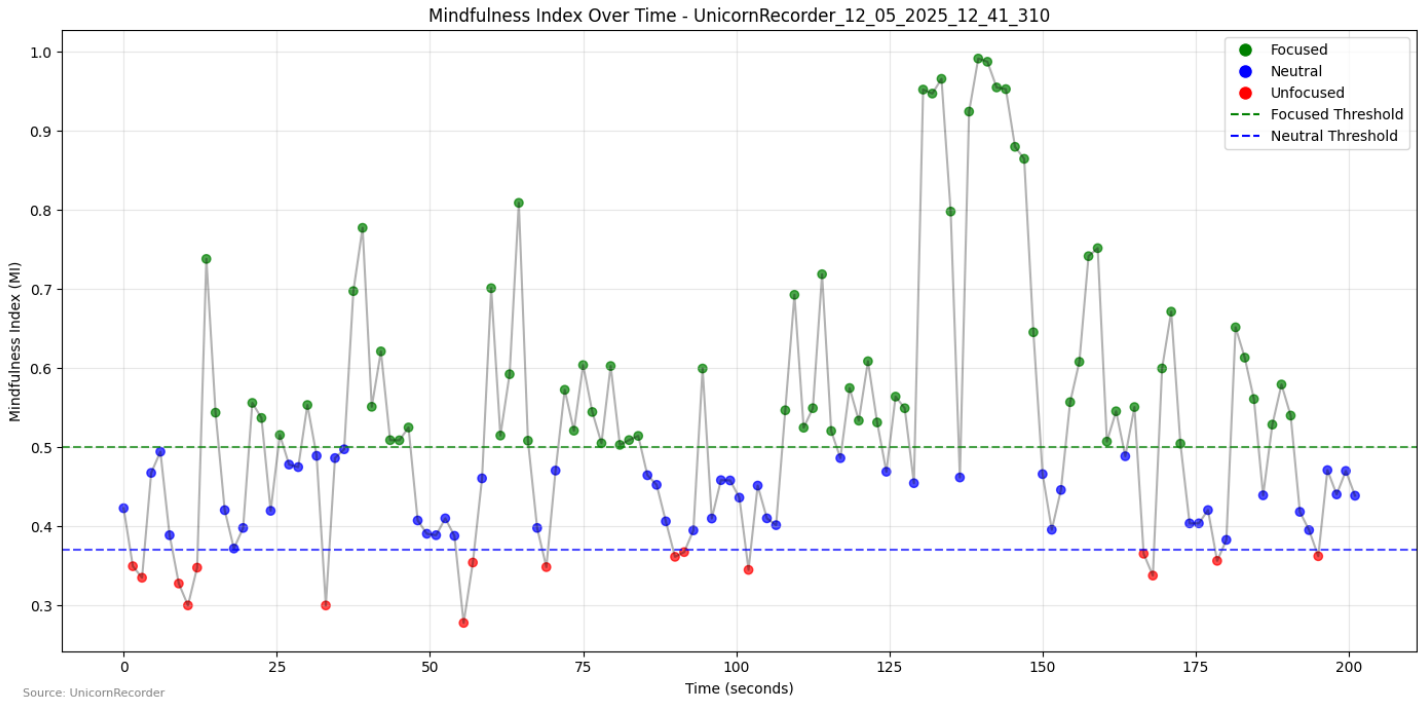
MI score range: 0.2776 to 0.9916

- Focused: 68 windows (50.4%)
- Neutral: 51 windows (37.8%)
- Unfocused: 16 windows (11.9%)

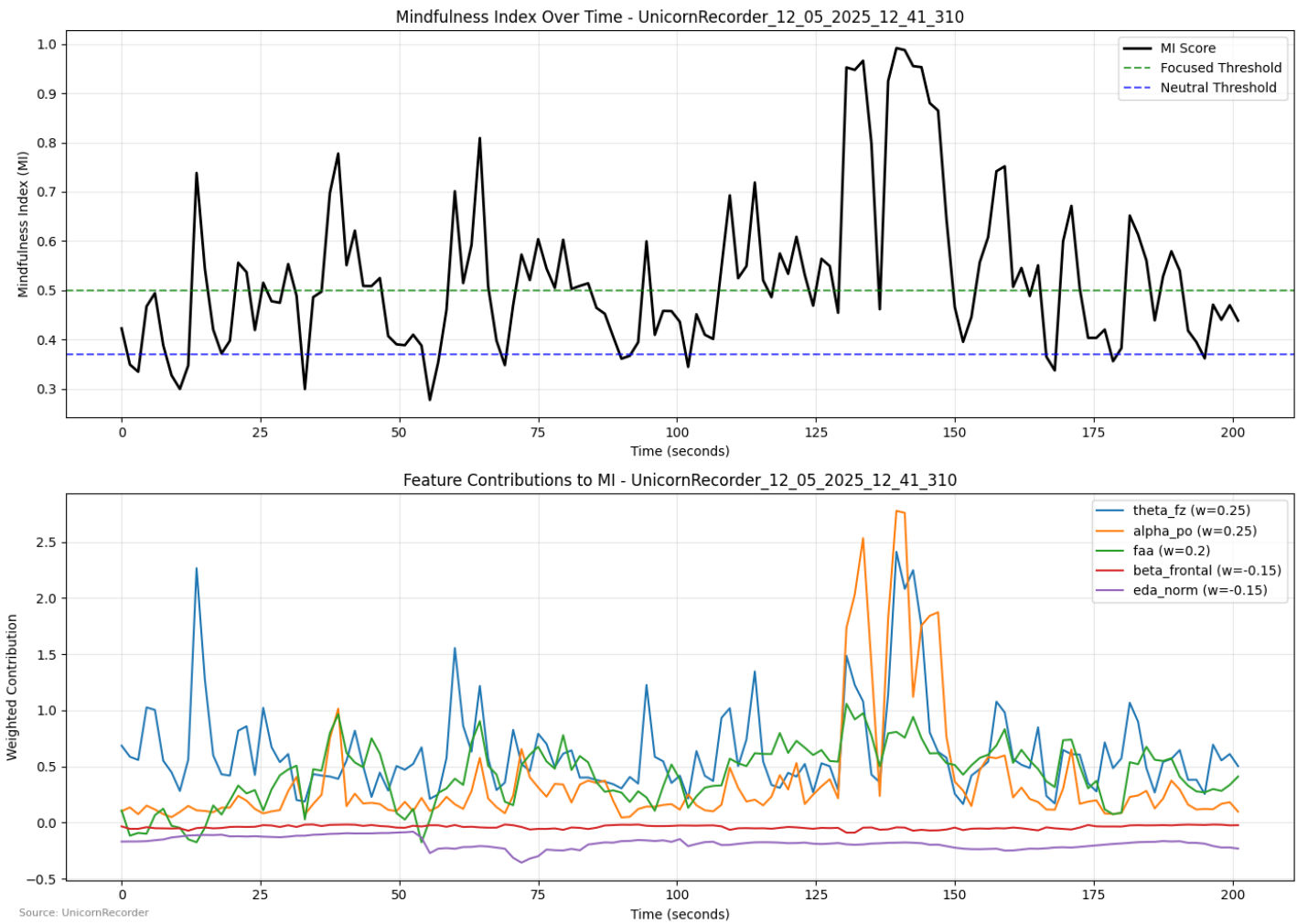
Per-file summary:

UnicornRecorder_12_05_2025_12_41_310: windows=135, avg_mi=0.5271 (min=0.2776, max=0.9916), Focused=50.4%, Neutral=37.8%, Unfocused=11.9%

UnicornRecorder_12_05_2025_12_41_310_20250522_104510_mi_timeseries.png

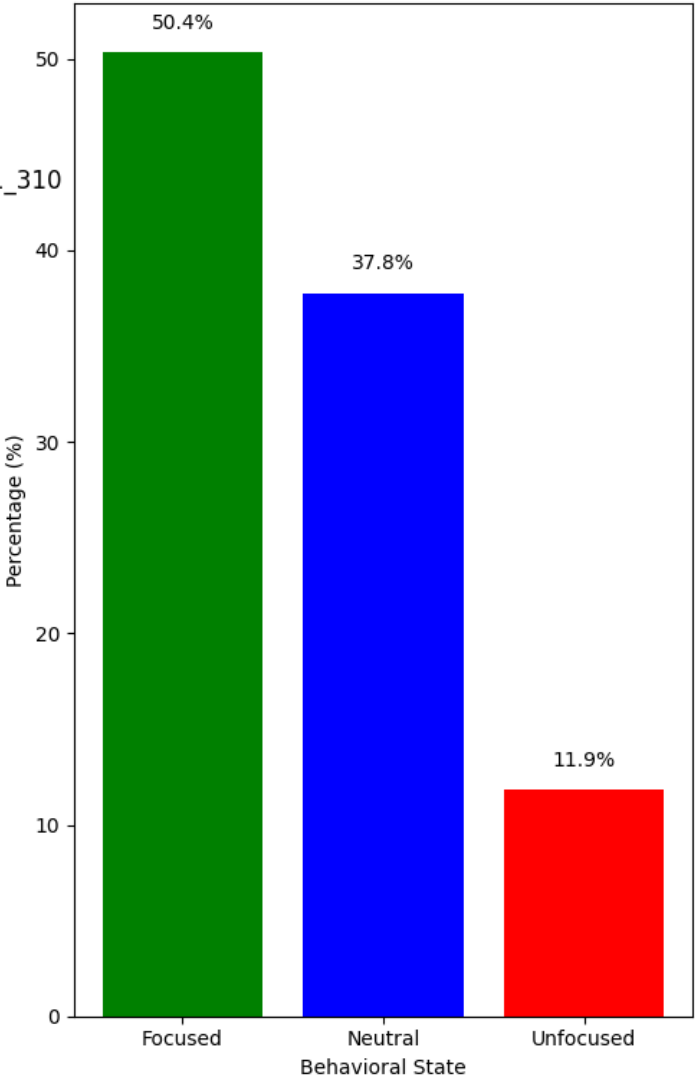
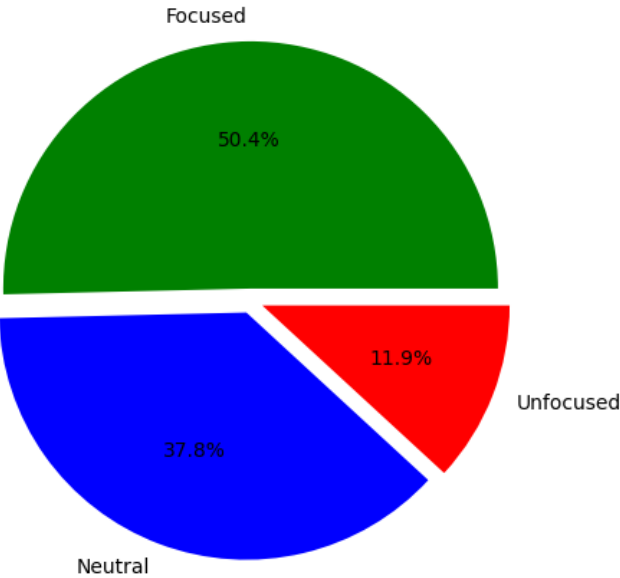


UnicornRecorder_12_05_2025_12_41_310_20250522_104510_feature_contributions.png



Percentage of Time in Each State - UnicornRecorder_12_05_2025_

n of Behavioral States - UnicornRecorder_12_05_2025_12_41_310



Source: UnicornRecorder

comprehensive_report_20250522_104516_mi_only_combined.csv

timestamp	mi_score	behavioral_state	file
0.0	0.4227374273012292	Neutral	UnicornRecorder_12_05_2025_12_41_310
1.5	0.3493270421437503	Unfocused	UnicornRecorder_12_05_2025_12_41_310
3.0	0.3347771867595798	Unfocused	UnicornRecorder_12_05_2025_12_41_310
4.5	0.4674302414170118	Neutral	UnicornRecorder_12_05_2025_12_41_310
6.0	0.494234748196708	Neutral	UnicornRecorder_12_05_2025_12_41_310
7.5	0.3885847698284175	Neutral	UnicornRecorder_12_05_2025_12_41_310
9.0	0.3274493512519271	Unfocused	UnicornRecorder_12_05_2025_12_41_310
10.5	0.2997522273513938	Unfocused	UnicornRecorder_12_05_2025_12_41_310
12.0	0.3475235917413672	Unfocused	UnicornRecorder_12_05_2025_12_41_310
13.5	0.7381488567974795	Focused	UnicornRecorder_12_05_2025_12_41_310
15.0	0.5436181342867077	Focused	UnicornRecorder_12_05_2025_12_41_310
16.5	0.4202790954683521	Neutral	UnicornRecorder_12_05_2025_12_41_310
18.0	0.3717273879179267	Neutral	UnicornRecorder_12_05_2025_12_41_310
19.5	0.3977636599348428	Neutral	UnicornRecorder_12_05_2025_12_41_310
21.0	0.5559824443375646	Focused	UnicornRecorder_12_05_2025_12_41_310
22.5	0.5369127830657103	Focused	UnicornRecorder_12_05_2025_12_41_310
24.0	0.4194336984490842	Neutral	UnicornRecorder_12_05_2025_12_41_310
25.5	0.5153596731975808	Focused	UnicornRecorder_12_05_2025_12_41_310
27.0	0.4779264201825954	Neutral	UnicornRecorder_12_05_2025_12_41_310
28.5	0.4747427964555177	Neutral	UnicornRecorder_12_05_2025_12_41_310
30.0	0.5533258274997649	Focused	UnicornRecorder_12_05_2025_12_41_310
31.5	0.4890041658812656	Neutral	UnicornRecorder_12_05_2025_12_41_310
33.0	0.2996876151627923	Unfocused	UnicornRecorder_12_05_2025_12_41_310
34.5	0.486187424900342	Neutral	UnicornRecorder_12_05_2025_12_41_310
36.0	0.4973004039834818	Neutral	UnicornRecorder_12_05_2025_12_41_310
37.5	0.6974140961763867	Focused	UnicornRecorder_12_05_2025_12_41_310
39.0	0.7774605050333787	Focused	UnicornRecorder_12_05_2025_12_41_310
40.5	0.5510488295320312	Focused	UnicornRecorder_12_05_2025_12_41_310
42.0	0.6211406044673561	Focused	UnicornRecorder_12_05_2025_12_41_310
43.5	0.5088421323528672	Focused	UnicornRecorder_12_05_2025_12_41_310
45.0	0.508644842109636	Focused	UnicornRecorder_12_05_2025_12_41_310

46.5	0.5248796674602693	Focused	UnicornRecorder_12_05_2025_12_41_310
48.0	0.4072510812108763	Neutral	UnicornRecorder_12_05_2025_12_41_310
49.5	0.3903865241501867	Neutral	UnicornRecorder_12_05_2025_12_41_310
51.0	0.3885857418129968	Neutral	UnicornRecorder_12_05_2025_12_41_310
52.5	0.4099283215265448	Neutral	UnicornRecorder_12_05_2025_12_41_310
54.0	0.3877762241901382	Neutral	UnicornRecorder_12_05_2025_12_41_310
55.5	0.2776020000608137	Unfocused	UnicornRecorder_12_05_2025_12_41_310
57.0	0.353996906584352	Unfocused	UnicornRecorder_12_05_2025_12_41_310
58.5	0.4605031479129037	Neutral	UnicornRecorder_12_05_2025_12_41_310
60.0	0.7011233321196028	Focused	UnicornRecorder_12_05_2025_12_41_310
61.5	0.5146654244731707	Focused	UnicornRecorder_12_05_2025_12_41_310
63.0	0.5922809668882454	Focused	UnicornRecorder_12_05_2025_12_41_310
64.5	0.8090662450748551	Focused	UnicornRecorder_12_05_2025_12_41_310
66.0	0.508159560620827	Focused	UnicornRecorder_12_05_2025_12_41_310
67.5	0.3977957195354942	Neutral	UnicornRecorder_12_05_2025_12_41_310
69.0	0.3482227214851313	Unfocused	UnicornRecorder_12_05_2025_12_41_310
70.5	0.4703446398178222	Neutral	UnicornRecorder_12_05_2025_12_41_310
72.0	0.5725456891749062	Focused	UnicornRecorder_12_05_2025_12_41_310
73.5	0.5208206746431417	Focused	UnicornRecorder_12_05_2025_12_41_310
75.0	0.603828472673736	Focused	UnicornRecorder_12_05_2025_12_41_310
76.5	0.5444574254108323	Focused	UnicornRecorder_12_05_2025_12_41_310
78.0	0.5049208419753436	Focused	UnicornRecorder_12_05_2025_12_41_310
79.5	0.6026672986327603	Focused	UnicornRecorder_12_05_2025_12_41_310
81.0	0.5028478958351457	Focused	UnicornRecorder_12_05_2025_12_41_310
82.5	0.5089322663297177	Focused	UnicornRecorder_12_05_2025_12_41_310
84.0	0.5142286828757828	Focused	UnicornRecorder_12_05_2025_12_41_310
85.5	0.4644480814016393	Neutral	UnicornRecorder_12_05_2025_12_41_310
87.0	0.4523156304087795	Neutral	UnicornRecorder_12_05_2025_12_41_310
88.5	0.4061222439413627	Neutral	UnicornRecorder_12_05_2025_12_41_310
90.0	0.3612207726649918	Unfocused	UnicornRecorder_12_05_2025_12_41_310
91.5	0.3672021789561525	Unfocused	UnicornRecorder_12_05_2025_12_41_310
93.0	0.394684804239737	Neutral	UnicornRecorder_12_05_2025_12_41_310
94.5	0.5994749155736556	Focused	UnicornRecorder_12_05_2025_12_41_310

96.0	0.4096897956073847	Neutral	UnicornRecorder_12_05_2025_12_41_310
97.5	0.4582391623419658	Neutral	UnicornRecorder_12_05_2025_12_41_310
99.0	0.4578605944985276	Neutral	UnicornRecorder_12_05_2025_12_41_310
100.5	0.4361010481219781	Neutral	UnicornRecorder_12_05_2025_12_41_310
102.0	0.3447108578146511	Unfocused	UnicornRecorder_12_05_2025_12_41_310
103.5	0.451365169313657	Neutral	UnicornRecorder_12_05_2025_12_41_310
105.0	0.4099487777824048	Neutral	UnicornRecorder_12_05_2025_12_41_310
106.5	0.4012899188718609	Neutral	UnicornRecorder_12_05_2025_12_41_310
108.0	0.5466476002009819	Focused	UnicornRecorder_12_05_2025_12_41_310
109.5	0.6927441946118027	Focused	UnicornRecorder_12_05_2025_12_41_310
111.0	0.5245640200646629	Focused	UnicornRecorder_12_05_2025_12_41_310
112.5	0.5492828091022315	Focused	UnicornRecorder_12_05_2025_12_41_310
114.0	0.7187703943490411	Focused	UnicornRecorder_12_05_2025_12_41_310
115.5	0.520410025591866	Focused	UnicornRecorder_12_05_2025_12_41_310
117.0	0.4860921623097519	Neutral	UnicornRecorder_12_05_2025_12_41_310
118.5	0.5747604443912951	Focused	UnicornRecorder_12_05_2025_12_41_310
120.0	0.5335516301627169	Focused	UnicornRecorder_12_05_2025_12_41_310
121.5	0.6086679400292923	Focused	UnicornRecorder_12_05_2025_12_41_310
123.0	0.5312429389274779	Focused	UnicornRecorder_12_05_2025_12_41_310
124.5	0.4688878398108356	Neutral	UnicornRecorder_12_05_2025_12_41_310
126.0	0.5639213261851663	Focused	UnicornRecorder_12_05_2025_12_41_310
127.5	0.5492299504851416	Focused	UnicornRecorder_12_05_2025_12_41_310
129.0	0.4543923687809056	Neutral	UnicornRecorder_12_05_2025_12_41_310
130.5	0.9523817278765188	Focused	UnicornRecorder_12_05_2025_12_41_310
132.0	0.9473267942717774	Focused	UnicornRecorder_12_05_2025_12_41_310
133.5	0.9659885429520494	Focused	UnicornRecorder_12_05_2025_12_41_310
135.0	0.7980775081104737	Focused	UnicornRecorder_12_05_2025_12_41_310
136.5	0.4616246624841263	Neutral	UnicornRecorder_12_05_2025_12_41_310
138.0	0.9245317867805248	Focused	UnicornRecorder_12_05_2025_12_41_310
139.5	0.9916380905846084	Focused	UnicornRecorder_12_05_2025_12_41_310
141.0	0.9875857424021822	Focused	UnicornRecorder_12_05_2025_12_41_310
142.5	0.9550891876971286	Focused	UnicornRecorder_12_05_2025_12_41_310
144.0	0.9529607699977556	Focused	UnicornRecorder_12_05_2025_12_41_310

145.5	0.8799769483038075	Focused	UnicornRecorder_12_05_2025_12_41_310
147.0	0.8647908203290319	Focused	UnicornRecorder_12_05_2025_12_41_310
148.5	0.6453636713201975	Focused	UnicornRecorder_12_05_2025_12_41_310
150.0	0.4658836790722008	Neutral	UnicornRecorder_12_05_2025_12_41_310
151.5	0.3954677437812477	Neutral	UnicornRecorder_12_05_2025_12_41_310
153.0	0.4458289720985519	Neutral	UnicornRecorder_12_05_2025_12_41_310
154.5	0.5569412830655887	Focused	UnicornRecorder_12_05_2025_12_41_310
156.0	0.6079418531794766	Focused	UnicornRecorder_12_05_2025_12_41_310
157.5	0.7416290437477553	Focused	UnicornRecorder_12_05_2025_12_41_310
159.0	0.7517871243004343	Focused	UnicornRecorder_12_05_2025_12_41_310
160.5	0.5070355273012551	Focused	UnicornRecorder_12_05_2025_12_41_310
162.0	0.5453974116116828	Focused	UnicornRecorder_12_05_2025_12_41_310
163.5	0.4884820635797394	Neutral	UnicornRecorder_12_05_2025_12_41_310
165.0	0.5507259466857044	Focused	UnicornRecorder_12_05_2025_12_41_310
166.5	0.3650981210885416	Unfocused	UnicornRecorder_12_05_2025_12_41_310
168.0	0.3374783601136309	Unfocused	UnicornRecorder_12_05_2025_12_41_310
169.5	0.5995652062153315	Focused	UnicornRecorder_12_05_2025_12_41_310
171.0	0.6714451502322216	Focused	UnicornRecorder_12_05_2025_12_41_310
172.5	0.504374203088307	Focused	UnicornRecorder_12_05_2025_12_41_310
174.0	0.403542715374116	Neutral	UnicornRecorder_12_05_2025_12_41_310
175.5	0.4036133768757726	Neutral	UnicornRecorder_12_05_2025_12_41_310
177.0	0.4203412218094339	Neutral	UnicornRecorder_12_05_2025_12_41_310
178.5	0.3561240636681907	Unfocused	UnicornRecorder_12_05_2025_12_41_310
180.0	0.3826572100806431	Neutral	UnicornRecorder_12_05_2025_12_41_310
181.5	0.6516083747706104	Focused	UnicornRecorder_12_05_2025_12_41_310
183.0	0.6132140149969777	Focused	UnicornRecorder_12_05_2025_12_41_310
184.5	0.5608084499593949	Focused	UnicornRecorder_12_05_2025_12_41_310
186.0	0.4390454767655722	Neutral	UnicornRecorder_12_05_2025_12_41_310
187.5	0.5284878084974693	Focused	UnicornRecorder_12_05_2025_12_41_310
189.0	0.5792725329276404	Focused	UnicornRecorder_12_05_2025_12_41_310
190.5	0.5399463301989722	Focused	UnicornRecorder_12_05_2025_12_41_310
192.0	0.4181154409693351	Neutral	UnicornRecorder_12_05_2025_12_41_310
193.5	0.395000032854193	Neutral	UnicornRecorder_12_05_2025_12_41_310

195.0	0.3620049390374262	Unfocused	UnicornRecorder_12_05_2025_12_41_310
196.5	0.4709096215330934	Neutral	UnicornRecorder_12_05_2025_12_41_310
198.0	0.4401657238562061	Neutral	UnicornRecorder_12_05_2025_12_41_310
199.5	0.4699120508666251	Neutral	UnicornRecorder_12_05_2025_12_41_310
201.0	0.4385496346111286	Neutral	UnicornRecorder_12_05_2025_12_41_310