

# Comprehensive EEG Mindfulness Index Report

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

Report Date: 2025-05-22 10:47:41

Number of files analyzed: 1

Total windows analyzed: 135

Average MI score (all files): 0.5369

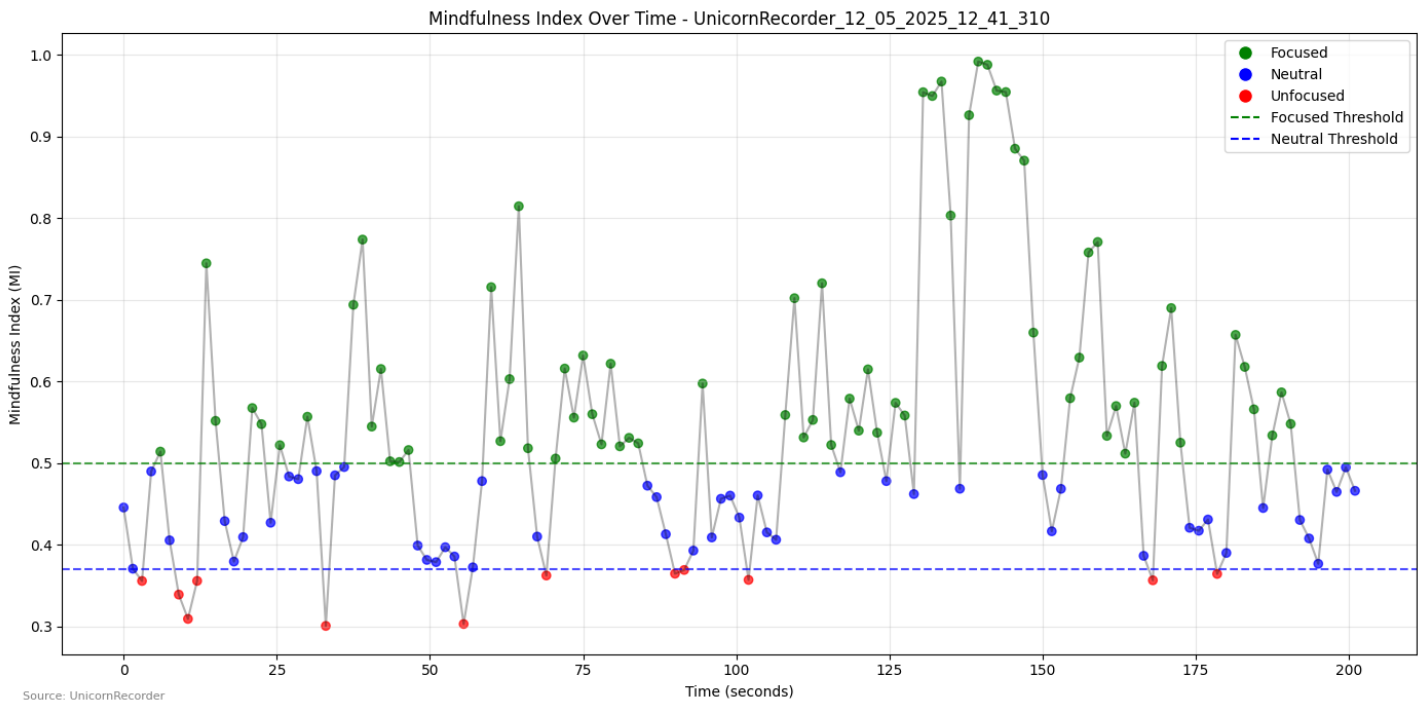
MI score range: 0.3005 to 0.9918

- Focused: 71 windows (52.6%)
- Neutral: 52 windows (38.5%)
- Unfocused: 12 windows (8.9%)

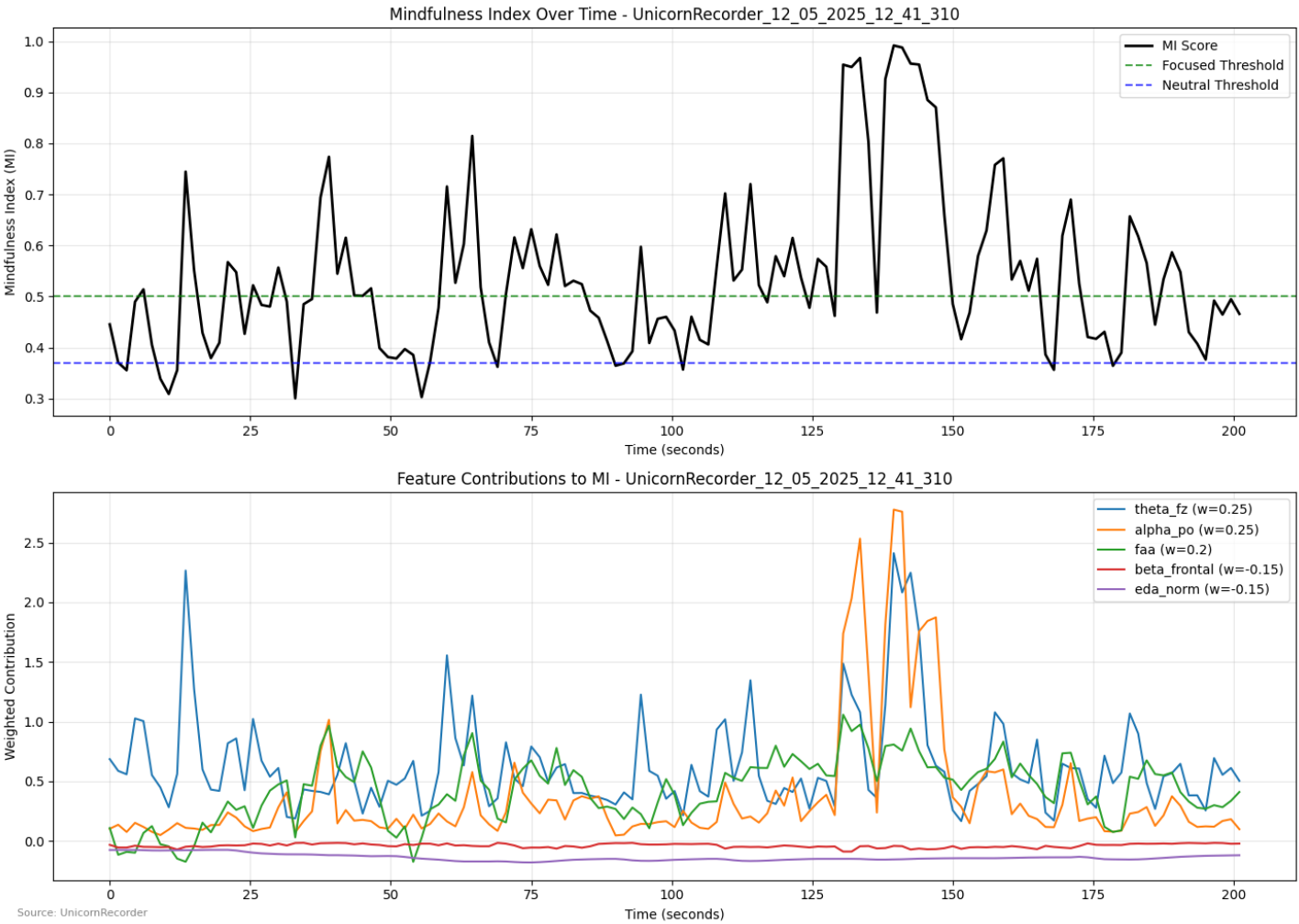
Per-file summary:

UnicornRecorder\_12\_05\_2025\_12\_41\_310: windows=135, avg\_mi=0.5369 (min=0.3005, max=0.9918), Focused=52.6%, Neutral=38.5%, Unfocused=8.9%

# UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_104736\_mi\_timeseries.png

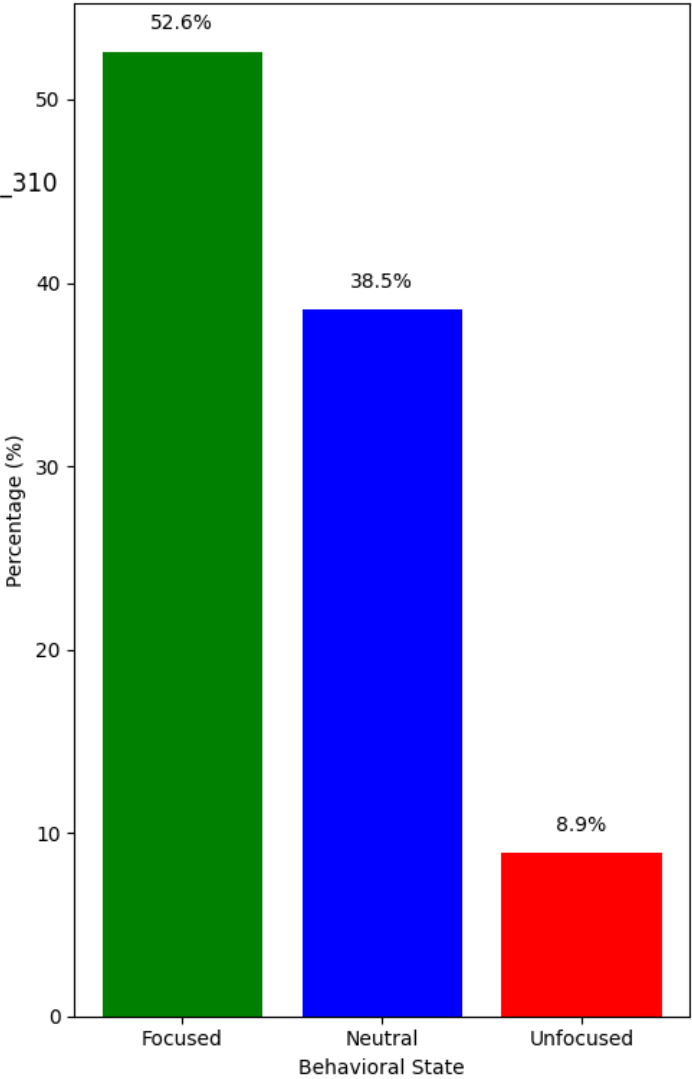
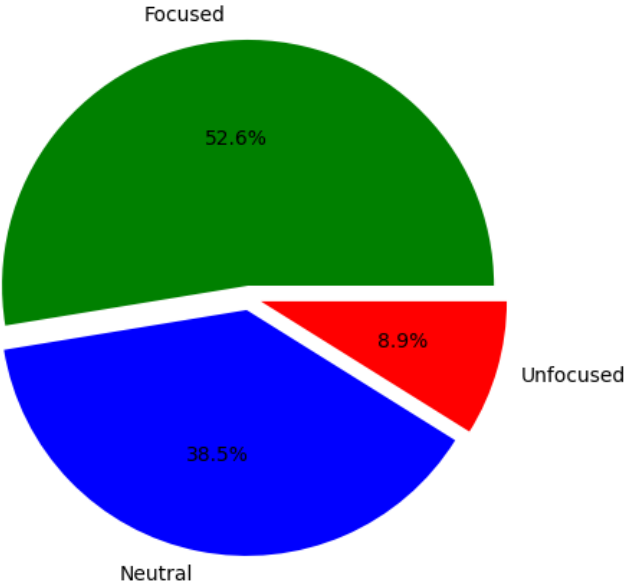


UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_104736\_feature\_contributions.png



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\_104741\_mi\_only\_combined.csv

timestamp	mi_score	behavioral_state	file
0.0	0.4455791836843163	Neutral	UnicornRecorder_12_05_2025_12_41_310
1.5	0.3706155469443029	Neutral	UnicornRecorder_12_05_2025_12_41_310
3.0	0.3556237884203552	Unfocused	UnicornRecorder_12_05_2025_12_41_310
4.5	0.4897944503033374	Neutral	UnicornRecorder_12_05_2025_12_41_310
6.0	0.5140837036425115	Focused	UnicornRecorder_12_05_2025_12_41_310
7.5	0.4053696160289415	Neutral	UnicornRecorder_12_05_2025_12_41_310
9.0	0.3389402003912828	Unfocused	UnicornRecorder_12_05_2025_12_41_310
10.5	0.3091354136533323	Unfocused	UnicornRecorder_12_05_2025_12_41_310
12.0	0.3557072908867315	Unfocused	UnicornRecorder_12_05_2025_12_41_310
13.5	0.744705458495138	Focused	UnicornRecorder_12_05_2025_12_41_310
15.0	0.551712147572227	Focused	UnicornRecorder_12_05_2025_12_41_310
16.5	0.4289389582840788	Neutral	UnicornRecorder_12_05_2025_12_41_310
18.0	0.3793700130141773	Neutral	UnicornRecorder_12_05_2025_12_41_310
19.5	0.4093414990406673	Neutral	UnicornRecorder_12_05_2025_12_41_310
21.0	0.56744686072389	Focused	UnicornRecorder_12_05_2025_12_41_310
22.5	0.5476980183930428	Focused	UnicornRecorder_12_05_2025_12_41_310
24.0	0.4269322525464666	Neutral	UnicornRecorder_12_05_2025_12_41_310
25.5	0.521960880566146	Focused	UnicornRecorder_12_05_2025_12_41_310
27.0	0.4835679051441149	Neutral	UnicornRecorder_12_05_2025_12_41_310
28.5	0.4803209241198004	Neutral	UnicornRecorder_12_05_2025_12_41_310
30.0	0.5567822791958383	Focused	UnicornRecorder_12_05_2025_12_41_310
31.5	0.4901411117472251	Neutral	UnicornRecorder_12_05_2025_12_41_310
33.0	0.3005430412449398	Unfocused	UnicornRecorder_12_05_2025_12_41_310
34.5	0.485002509198612	Neutral	UnicornRecorder_12_05_2025_12_41_310
36.0	0.495179272941226	Neutral	UnicornRecorder_12_05_2025_12_41_310
37.5	0.693921980525593	Focused	UnicornRecorder_12_05_2025_12_41_310
39.0	0.7737838282427189	Focused	UnicornRecorder_12_05_2025_12_41_310
40.5	0.5447183857159962	Focused	UnicornRecorder_12_05_2025_12_41_310
42.0	0.6152771857626114	Focused	UnicornRecorder_12_05_2025_12_41_310
43.5	0.5021979288966979	Focused	UnicornRecorder_12_05_2025_12_41_310
45.0	0.501323163301698	Focused	UnicornRecorder_12_05_2025_12_41_310

46.5	0.5160082576790207	Focused	UnicornRecorder_12_05_2025_12_41_310
48.0	0.398965931079798	Neutral	UnicornRecorder_12_05_2025_12_41_310
49.5	0.3813978239363088	Neutral	UnicornRecorder_12_05_2025_12_41_310
51.0	0.3786857438187838	Neutral	UnicornRecorder_12_05_2025_12_41_310
52.5	0.3969727589864736	Neutral	UnicornRecorder_12_05_2025_12_41_310
54.0	0.3855548272578155	Neutral	UnicornRecorder_12_05_2025_12_41_310
55.5	0.3028897787410596	Unfocused	UnicornRecorder_12_05_2025_12_41_310
57.0	0.372335834516329	Neutral	UnicornRecorder_12_05_2025_12_41_310
58.5	0.4779360520028021	Neutral	UnicornRecorder_12_05_2025_12_41_310
60.0	0.7155145465713022	Focused	UnicornRecorder_12_05_2025_12_41_310
61.5	0.5268276492454922	Focused	UnicornRecorder_12_05_2025_12_41_310
63.0	0.6028954049852875	Focused	UnicornRecorder_12_05_2025_12_41_310
64.5	0.8146056914524608	Focused	UnicornRecorder_12_05_2025_12_41_310
66.0	0.5181909481809674	Focused	UnicornRecorder_12_05_2025_12_41_310
67.5	0.4099356013587896	Neutral	UnicornRecorder_12_05_2025_12_41_310
69.0	0.3622835026302307	Unfocused	UnicornRecorder_12_05_2025_12_41_310
70.5	0.50555874059538	Focused	UnicornRecorder_12_05_2025_12_41_310
72.0	0.6158090266929582	Focused	UnicornRecorder_12_05_2025_12_41_310
73.5	0.5556683259018345	Focused	UnicornRecorder_12_05_2025_12_41_310
75.0	0.6318043937635489	Focused	UnicornRecorder_12_05_2025_12_41_310
76.5	0.5598699343712414	Focused	UnicornRecorder_12_05_2025_12_41_310
78.0	0.5229362210511446	Focused	UnicornRecorder_12_05_2025_12_41_310
79.5	0.621719669598338	Focused	UnicornRecorder_12_05_2025_12_41_310
81.0	0.520525564525246	Focused	UnicornRecorder_12_05_2025_12_41_310
82.5	0.5309400146655167	Focused	UnicornRecorder_12_05_2025_12_41_310
84.0	0.5241656180443754	Focused	UnicornRecorder_12_05_2025_12_41_310
85.5	0.4723326638068762	Neutral	UnicornRecorder_12_05_2025_12_41_310
87.0	0.4583410236553155	Neutral	UnicornRecorder_12_05_2025_12_41_310
88.5	0.4128786890906023	Neutral	UnicornRecorder_12_05_2025_12_41_310
90.0	0.3645066266828084	Unfocused	UnicornRecorder_12_05_2025_12_41_310
91.5	0.3690831224069946	Unfocused	UnicornRecorder_12_05_2025_12_41_310
93.0	0.3928034736335818	Neutral	UnicornRecorder_12_05_2025_12_41_310
94.5	0.5974545605419604	Focused	UnicornRecorder_12_05_2025_12_41_310

96.0	0.4088946753902041	Neutral	UnicornRecorder_12_05_2025_12_41_310
97.5	0.4562666068656041	Neutral	UnicornRecorder_12_05_2025_12_41_310
99.0	0.4601635594164389	Neutral	UnicornRecorder_12_05_2025_12_41_310
100.5	0.4332434108519437	Neutral	UnicornRecorder_12_05_2025_12_41_310
102.0	0.356935407681078	Unfocused	UnicornRecorder_12_05_2025_12_41_310
103.5	0.4603935852198952	Neutral	UnicornRecorder_12_05_2025_12_41_310
105.0	0.4151099449386182	Neutral	UnicornRecorder_12_05_2025_12_41_310
106.5	0.406088410362782	Neutral	UnicornRecorder_12_05_2025_12_41_310
108.0	0.5588874360680304	Focused	UnicornRecorder_12_05_2025_12_41_310
109.5	0.7020202162375417	Focused	UnicornRecorder_12_05_2025_12_41_310
111.0	0.5313399108260084	Focused	UnicornRecorder_12_05_2025_12_41_310
112.5	0.552856631265749	Focused	UnicornRecorder_12_05_2025_12_41_310
114.0	0.7202591837381991	Focused	UnicornRecorder_12_05_2025_12_41_310
115.5	0.5221780135055852	Focused	UnicornRecorder_12_05_2025_12_41_310
117.0	0.4887636941734063	Neutral	UnicornRecorder_12_05_2025_12_41_310
118.5	0.5789406424212994	Focused	UnicornRecorder_12_05_2025_12_41_310
120.0	0.5397333040808593	Focused	UnicornRecorder_12_05_2025_12_41_310
121.5	0.6148072369648244	Focused	UnicornRecorder_12_05_2025_12_41_310
123.0	0.5372183840966523	Focused	UnicornRecorder_12_05_2025_12_41_310
124.5	0.4779152041784928	Neutral	UnicornRecorder_12_05_2025_12_41_310
126.0	0.5737668354017812	Focused	UnicornRecorder_12_05_2025_12_41_310
127.5	0.5582910723298623	Focused	UnicornRecorder_12_05_2025_12_41_310
129.0	0.4620487001601072	Neutral	UnicornRecorder_12_05_2025_12_41_310
130.5	0.9542971533792328	Focused	UnicornRecorder_12_05_2025_12_41_310
132.0	0.949625134766676	Focused	UnicornRecorder_12_05_2025_12_41_310
133.5	0.9673797003091864	Focused	UnicornRecorder_12_05_2025_12_41_310
135.0	0.8032545807457705	Focused	UnicornRecorder_12_05_2025_12_41_310
136.5	0.468573519806165	Neutral	UnicornRecorder_12_05_2025_12_41_310
138.0	0.9261455796839616	Focused	UnicornRecorder_12_05_2025_12_41_310
139.5	0.991832066587102	Focused	UnicornRecorder_12_05_2025_12_41_310
141.0	0.9878637276896712	Focused	UnicornRecorder_12_05_2025_12_41_310
142.5	0.9562783127804638	Focused	UnicornRecorder_12_05_2025_12_41_310
144.0	0.9544734643109266	Focused	UnicornRecorder_12_05_2025_12_41_310

145.5	0.8851102393788776	Focused	UnicornRecorder_12_05_2025_12_41_310
147.0	0.8704793478935116	Focused	UnicornRecorder_12_05_2025_12_41_310
148.5	0.6598196861856988	Focused	UnicornRecorder_12_05_2025_12_41_310
150.0	0.4853827435219071	Neutral	UnicornRecorder_12_05_2025_12_41_310
151.5	0.4164672031209648	Neutral	UnicornRecorder_12_05_2025_12_41_310
153.0	0.4684452149712756	Neutral	UnicornRecorder_12_05_2025_12_41_310
154.5	0.5794376573463479	Focused	UnicornRecorder_12_05_2025_12_41_310
156.0	0.6291833811870535	Focused	UnicornRecorder_12_05_2025_12_41_310
157.5	0.7579574069164023	Focused	UnicornRecorder_12_05_2025_12_41_310
159.0	0.7708111206408628	Focused	UnicornRecorder_12_05_2025_12_41_310
160.5	0.5333262789930627	Focused	UnicornRecorder_12_05_2025_12_41_310
162.0	0.5698607751142165	Focused	UnicornRecorder_12_05_2025_12_41_310
163.5	0.5115379813015399	Focused	UnicornRecorder_12_05_2025_12_41_310
165.0	0.573961410778894	Focused	UnicornRecorder_12_05_2025_12_41_310
166.5	0.3864118920707317	Neutral	UnicornRecorder_12_05_2025_12_41_310
168.0	0.3564240084837479	Unfocused	UnicornRecorder_12_05_2025_12_41_310
169.5	0.618994182013945	Focused	UnicornRecorder_12_05_2025_12_41_310
171.0	0.6898997599797418	Focused	UnicornRecorder_12_05_2025_12_41_310
172.5	0.5250112246865957	Focused	UnicornRecorder_12_05_2025_12_41_310
174.0	0.4207410304610201	Neutral	UnicornRecorder_12_05_2025_12_41_310
175.5	0.4171458981936359	Neutral	UnicornRecorder_12_05_2025_12_41_310
177.0	0.4308664552873663	Neutral	UnicornRecorder_12_05_2025_12_41_310
178.5	0.3642467605708548	Unfocused	UnicornRecorder_12_05_2025_12_41_310
180.0	0.3899127838955369	Neutral	UnicornRecorder_12_05_2025_12_41_310
181.5	0.6570646118465008	Focused	UnicornRecorder_12_05_2025_12_41_310
183.0	0.617823186998374	Focused	UnicornRecorder_12_05_2025_12_41_310
184.5	0.5658442265980901	Focused	UnicornRecorder_12_05_2025_12_41_310
186.0	0.4449835833786394	Neutral	UnicornRecorder_12_05_2025_12_41_310
187.5	0.5338740393867453	Focused	UnicornRecorder_12_05_2025_12_41_310
189.0	0.5866335389389881	Focused	UnicornRecorder_12_05_2025_12_41_310
190.5	0.5479774409133206	Focused	UnicornRecorder_12_05_2025_12_41_310
192.0	0.4303136206438851	Neutral	UnicornRecorder_12_05_2025_12_41_310
193.5	0.4076884997030011	Neutral	UnicornRecorder_12_05_2025_12_41_310



195.0	0.376654751813448	Neutral	UnicornRecorder_12_05_2025_12_41_310
196.5	0.4920694352385409	Neutral	UnicornRecorder_12_05_2025_12_41_310
198.0	0.4646755727636322	Neutral	UnicornRecorder_12_05_2025_12_41_310
199.5	0.4947979454201839	Neutral	UnicornRecorder_12_05_2025_12_41_310
201.0	0.4660206345755948	Neutral	UnicornRecorder_12_05_2025_12_41_310