

# Comprehensive EEG Mindfulness Index Report

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

Report Date: 2025-05-22 11:00:03

Number of files analyzed: 1

Total windows analyzed: 135

Average MI score (all files): 0.4852

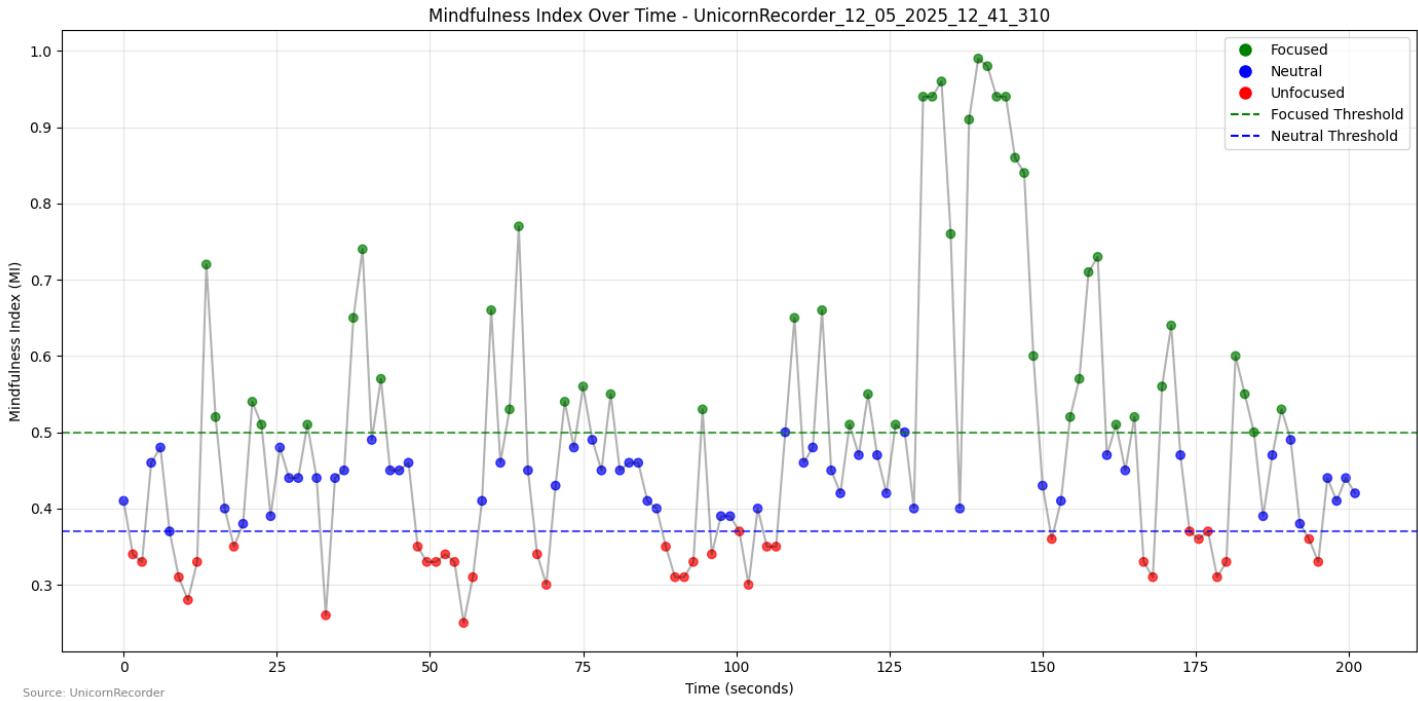
MI score range: 0.2500 to 0.9900

- Focused: 44 windows (32.6%)
- Neutral: 56 windows (41.5%)
- Unfocused: 35 windows (25.9%)

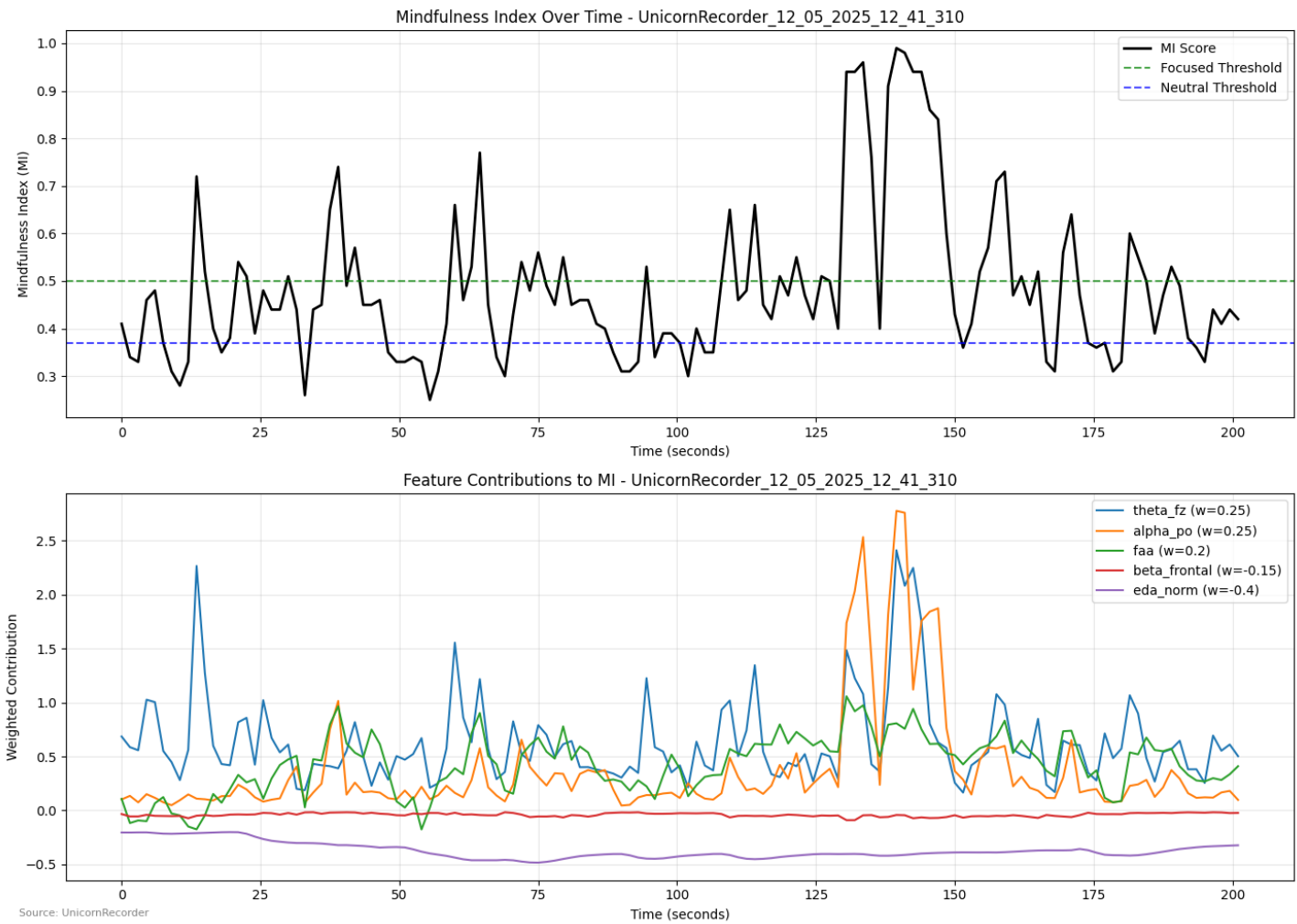
Per-file summary:

UnicornRecorder\_12\_05\_2025\_12\_41\_310: windows=135, avg\_mi=0.4852 (min=0.2500, max=0.9900), Focused=32.6%, Neutral=41.5%, Unfocused=25.9%

UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_105958\_mi\_timeseries.png

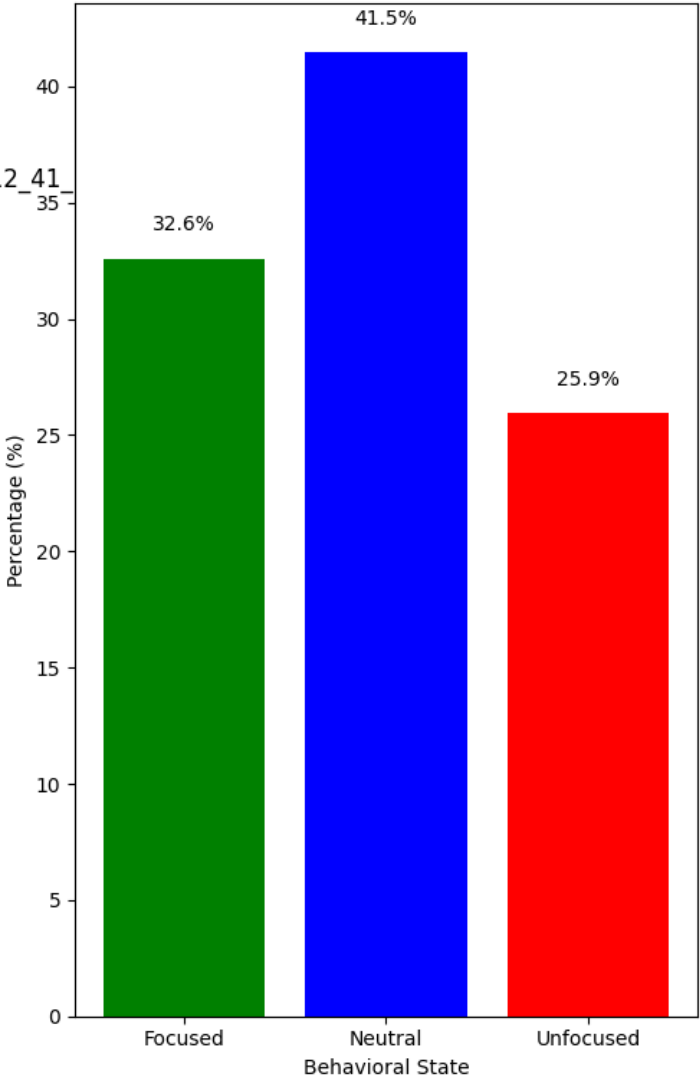
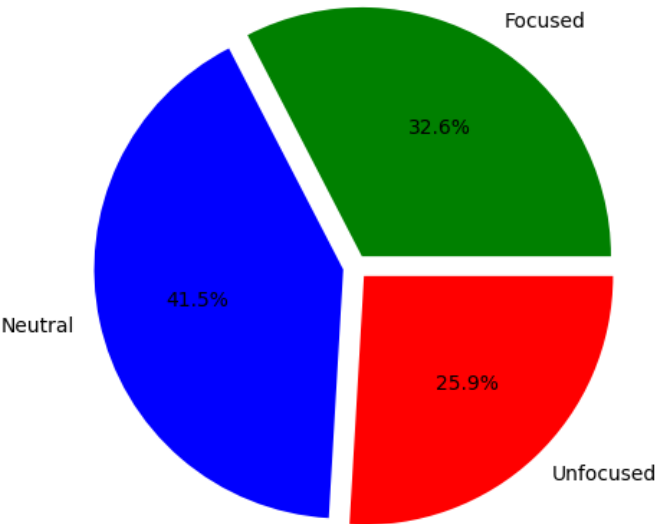


UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_105958\_feature\_contributions.png



Percentage of Time in Each State - UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_105958\_behavioral\_states.png

Distribution of Behavioral States - UnicornRecorder\_12\_05\_2025\_12\_41\_310\_20250522\_105958\_behavioral\_states.png



Source: UnicornRecorder

## comprehensive\_report\_20250522\_110003\_mi\_only\_combined.csv

timestamp	mi_score	behavioral_state	file
0.0	0.41	Neutral	UnicornRecorder_12_05_2025_12_41_310
1.5	0.34	Unfocused	UnicornRecorder_12_05_2025_12_41_310
3.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
4.5	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
6.0	0.48	Neutral	UnicornRecorder_12_05_2025_12_41_310
7.5	0.37	Neutral	UnicornRecorder_12_05_2025_12_41_310
9.0	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
10.5	0.28	Unfocused	UnicornRecorder_12_05_2025_12_41_310
12.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
13.5	0.72	Focused	UnicornRecorder_12_05_2025_12_41_310
15.0	0.52	Focused	UnicornRecorder_12_05_2025_12_41_310
16.5	0.4	Neutral	UnicornRecorder_12_05_2025_12_41_310
18.0	0.35	Unfocused	UnicornRecorder_12_05_2025_12_41_310
19.5	0.38	Neutral	UnicornRecorder_12_05_2025_12_41_310
21.0	0.54	Focused	UnicornRecorder_12_05_2025_12_41_310
22.5	0.51	Focused	UnicornRecorder_12_05_2025_12_41_310
24.0	0.39	Neutral	UnicornRecorder_12_05_2025_12_41_310
25.5	0.48	Neutral	UnicornRecorder_12_05_2025_12_41_310
27.0	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
28.5	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
30.0	0.51	Focused	UnicornRecorder_12_05_2025_12_41_310
31.5	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
33.0	0.26	Unfocused	UnicornRecorder_12_05_2025_12_41_310
34.5	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
36.0	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
37.5	0.65	Focused	UnicornRecorder_12_05_2025_12_41_310
39.0	0.74	Focused	UnicornRecorder_12_05_2025_12_41_310
40.5	0.49	Neutral	UnicornRecorder_12_05_2025_12_41_310
42.0	0.57	Focused	UnicornRecorder_12_05_2025_12_41_310
43.5	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
45.0	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310

46.5	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
48.0	0.35	Unfocused	UnicornRecorder_12_05_2025_12_41_310
49.5	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
51.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
52.5	0.34	Unfocused	UnicornRecorder_12_05_2025_12_41_310
54.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
55.5	0.25	Unfocused	UnicornRecorder_12_05_2025_12_41_310
57.0	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
58.5	0.41	Neutral	UnicornRecorder_12_05_2025_12_41_310
60.0	0.66	Focused	UnicornRecorder_12_05_2025_12_41_310
61.5	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
63.0	0.53	Focused	UnicornRecorder_12_05_2025_12_41_310
64.5	0.77	Focused	UnicornRecorder_12_05_2025_12_41_310
66.0	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
67.5	0.34	Unfocused	UnicornRecorder_12_05_2025_12_41_310
69.0	0.3	Unfocused	UnicornRecorder_12_05_2025_12_41_310
70.5	0.43	Neutral	UnicornRecorder_12_05_2025_12_41_310
72.0	0.54	Focused	UnicornRecorder_12_05_2025_12_41_310
73.5	0.48	Neutral	UnicornRecorder_12_05_2025_12_41_310
75.0	0.56	Focused	UnicornRecorder_12_05_2025_12_41_310
76.5	0.49	Neutral	UnicornRecorder_12_05_2025_12_41_310
78.0	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
79.5	0.55	Focused	UnicornRecorder_12_05_2025_12_41_310
81.0	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
82.5	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
84.0	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
85.5	0.41	Neutral	UnicornRecorder_12_05_2025_12_41_310
87.0	0.4	Neutral	UnicornRecorder_12_05_2025_12_41_310
88.5	0.35	Unfocused	UnicornRecorder_12_05_2025_12_41_310
90.0	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
91.5	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
93.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
94.5	0.53	Focused	UnicornRecorder_12_05_2025_12_41_310

96.0	0.34	Unfocused	UnicornRecorder_12_05_2025_12_41_310
97.5	0.39	Neutral	UnicornRecorder_12_05_2025_12_41_310
99.0	0.39	Neutral	UnicornRecorder_12_05_2025_12_41_310
100.5	0.37	Unfocused	UnicornRecorder_12_05_2025_12_41_310
102.0	0.3	Unfocused	UnicornRecorder_12_05_2025_12_41_310
103.5	0.4	Neutral	UnicornRecorder_12_05_2025_12_41_310
105.0	0.35	Unfocused	UnicornRecorder_12_05_2025_12_41_310
106.5	0.35	Unfocused	UnicornRecorder_12_05_2025_12_41_310
108.0	0.5	Neutral	UnicornRecorder_12_05_2025_12_41_310
109.5	0.65	Focused	UnicornRecorder_12_05_2025_12_41_310
111.0	0.46	Neutral	UnicornRecorder_12_05_2025_12_41_310
112.5	0.48	Neutral	UnicornRecorder_12_05_2025_12_41_310
114.0	0.66	Focused	UnicornRecorder_12_05_2025_12_41_310
115.5	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
117.0	0.42	Neutral	UnicornRecorder_12_05_2025_12_41_310
118.5	0.51	Focused	UnicornRecorder_12_05_2025_12_41_310
120.0	0.47	Neutral	UnicornRecorder_12_05_2025_12_41_310
121.5	0.55	Focused	UnicornRecorder_12_05_2025_12_41_310
123.0	0.47	Neutral	UnicornRecorder_12_05_2025_12_41_310
124.5	0.42	Neutral	UnicornRecorder_12_05_2025_12_41_310
126.0	0.51	Focused	UnicornRecorder_12_05_2025_12_41_310
127.5	0.5	Neutral	UnicornRecorder_12_05_2025_12_41_310
129.0	0.4	Neutral	UnicornRecorder_12_05_2025_12_41_310
130.5	0.94	Focused	UnicornRecorder_12_05_2025_12_41_310
132.0	0.94	Focused	UnicornRecorder_12_05_2025_12_41_310
133.5	0.96	Focused	UnicornRecorder_12_05_2025_12_41_310
135.0	0.76	Focused	UnicornRecorder_12_05_2025_12_41_310
136.5	0.4	Neutral	UnicornRecorder_12_05_2025_12_41_310
138.0	0.91	Focused	UnicornRecorder_12_05_2025_12_41_310
139.5	0.99	Focused	UnicornRecorder_12_05_2025_12_41_310
141.0	0.98	Focused	UnicornRecorder_12_05_2025_12_41_310
142.5	0.94	Focused	UnicornRecorder_12_05_2025_12_41_310
144.0	0.94	Focused	UnicornRecorder_12_05_2025_12_41_310

145.5	0.86	Focused	UnicornRecorder_12_05_2025_12_41_310
147.0	0.84	Focused	UnicornRecorder_12_05_2025_12_41_310
148.5	0.6	Focused	UnicornRecorder_12_05_2025_12_41_310
150.0	0.43	Neutral	UnicornRecorder_12_05_2025_12_41_310
151.5	0.36	Unfocused	UnicornRecorder_12_05_2025_12_41_310
153.0	0.41	Neutral	UnicornRecorder_12_05_2025_12_41_310
154.5	0.52	Focused	UnicornRecorder_12_05_2025_12_41_310
156.0	0.57	Focused	UnicornRecorder_12_05_2025_12_41_310
157.5	0.71	Focused	UnicornRecorder_12_05_2025_12_41_310
159.0	0.73	Focused	UnicornRecorder_12_05_2025_12_41_310
160.5	0.47	Neutral	UnicornRecorder_12_05_2025_12_41_310
162.0	0.51	Focused	UnicornRecorder_12_05_2025_12_41_310
163.5	0.45	Neutral	UnicornRecorder_12_05_2025_12_41_310
165.0	0.52	Focused	UnicornRecorder_12_05_2025_12_41_310
166.5	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
168.0	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
169.5	0.56	Focused	UnicornRecorder_12_05_2025_12_41_310
171.0	0.64	Focused	UnicornRecorder_12_05_2025_12_41_310
172.5	0.47	Neutral	UnicornRecorder_12_05_2025_12_41_310
174.0	0.37	Unfocused	UnicornRecorder_12_05_2025_12_41_310
175.5	0.36	Unfocused	UnicornRecorder_12_05_2025_12_41_310
177.0	0.37	Unfocused	UnicornRecorder_12_05_2025_12_41_310
178.5	0.31	Unfocused	UnicornRecorder_12_05_2025_12_41_310
180.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
181.5	0.6	Focused	UnicornRecorder_12_05_2025_12_41_310
183.0	0.55	Focused	UnicornRecorder_12_05_2025_12_41_310
184.5	0.5	Focused	UnicornRecorder_12_05_2025_12_41_310
186.0	0.39	Neutral	UnicornRecorder_12_05_2025_12_41_310
187.5	0.47	Neutral	UnicornRecorder_12_05_2025_12_41_310
189.0	0.53	Focused	UnicornRecorder_12_05_2025_12_41_310
190.5	0.49	Neutral	UnicornRecorder_12_05_2025_12_41_310
192.0	0.38	Neutral	UnicornRecorder_12_05_2025_12_41_310
193.5	0.36	Unfocused	UnicornRecorder_12_05_2025_12_41_310



195.0	0.33	Unfocused	UnicornRecorder_12_05_2025_12_41_310
196.5	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
198.0	0.41	Neutral	UnicornRecorder_12_05_2025_12_41_310
199.5	0.44	Neutral	UnicornRecorder_12_05_2025_12_41_310
201.0	0.42	Neutral	UnicornRecorder_12_05_2025_12_41_310