Edge frequency (at 95%)

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Edge frequency (at 95%), mean	7.943 [6.320, 10.577]	10.315 [6.983, 10.903]	6.337 [5.359, 8.634]	p = 0.037, (U = 40)	MWU, so no Levene's test run.
Edge frequency (at 95%), median	7.750 [6.500, 10.000]	9.750 [6.750, 10.125]	6.500 [5.250, 8.375]	p = 0.053, (U = 43)	MWU, so no Levene's test run.
Edge frequency (at 95%), STDEV	2.536 (0.243)	2.848 (0.336)	2.036 (0.284)	p = 0.105 (t = -2)	Equal variances assumed.
Edge frequency (at 95%), IQR	3.394 (0.410)	3.680 (0.593)	2.938 (0.490)	p = 0.390 (t = -1)	Equal variances assumed.
Edge frequency (at 95%), Theil-Sen slope	0.000 [-2.090, 1.462]	0.000 [-1.648, 2.624]	-1.062 [-2.855, 0.387]	p = 0.176, (U = 54)	MWU, so no Levene's test run.
Edge frequency (at 95%), RMSE for Theil-Sen line of best fit	1.871 [1.598, 3.080]	2.749 [1.701, 3.470]	1.670 [1.481, 1.879]	p = 0.054, (U = 43)	MWU, so no Levene's test run.
Edge frequency (at 95%), Mann-Kendall τ value	-0.055 (0.055)	-0.005 (0.058)	-0.135 (0.110)	p = 0.262 (t = -1)	Equal variances assumed.

Full-spectrum rEEG signal

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG signal, mean	50.048 [25.484, 77.450]	39.688 [24.264, 74.851]	53.468 [35.883, 77.450]	p = 0.510, (U = 93)	MWU, so no Levene's test run.
Full-spectrum rEEG signal, median	43.090 [18.764, 70.355]	31.274 [18.516, 66.452]	45.412 [27.779, 70.359]	p = 0.580, (U = 91)	MWU, so no Levene's test run.
Full-spectrum rEEG signal, STDEV	29.785 [21.887, 37.793]	31.844 [21.357, 38.736]	29.136 [25.047, 37.598]	p = 0.895, (U = 83)	MWU, so no Levene's test run.
Full-spectrum rEEG signal, IQR	28.954 (3.084)	29.307 (4.019)	28.389 (5.056)	p = 0.888 (t = -0)	Equal variances assumed.
Full-spectrum rEEG signal, Theil-Sen slope	0.978 [-10.245, 8.735]	-1.257 [-13.076, 2.324]	6.477 [-5.187, 10.425]	p = 0.147, (U = 108)	MWU, so no Levene's test run.
Full-spectrum rEEG signal, RMSE for Theil-Sen line of best fit	30.516 [22.237, 37.675]	32.815 [21.197, 37.651]	29.932 [24.803, 37.675]	p = 0.772, (U = 86)	MWU, so no Levene's test run.
Full-spectrum rEEG signal, Mann-Kendall τ value	-0.016 (0.043)	-0.087 (0.052)	0.096 (0.059)	p = 0.033 (t = 2)	Equal variances assumed.

Full-spectrum higuchi fractal dimension

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum higuchi fractal dimension, mean	1.210 (0.012)	1.221 (0.013)	1.194 (0.023)	p = 0.280 (t = -1)	Equal variances assumed.
Full-spectrum higuchi fractal dimension, median	1.201 (0.011)	1.210 (0.012)	1.186 (0.022)	p = 0.319 (t = -1)	Equal variances assumed.
Full-spectrum higuchi fractal dimension, STDEV	0.033 [0.025, 0.055]	0.043 [0.026, 0.057]	0.031 [0.024, 0.049]	p = 0.445, (U = 65)	MWU, so no Levene's test run.
Full-spectrum higuchi fractal dimension, IQR	0.043 [0.030, 0.075]	0.051 [0.032, 0.065]	0.035 [0.024, 0.072]	p = 0.330, (U = 61)	MWU, so no Levene's test run.
Full-spectrum higuchi fractal dimension, Theil-Sen slope	-0.010 [-0.020, 0.021]	-0.004 [-0.019, 0.031]	-0.018 [-0.030, 0.009]	p = 0.617, (U = 70)	MWU, so no Levene's test run.
Full-spectrum higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.031 [0.022, 0.056]	0.037 [0.023, 0.061]	0.029 [0.021, 0.038]	p = 0.385, (U = 63)	MWU, so no Levene's test run.
Full-spectrum higuchi fractal dimension, Mann-Kendall τ value	-0.099 (0.062)	-0.095 (0.076)	-0.107 (0.112)	p = 0.924 (t = -0)	Equal variances assumed.

Area under the curve for multiscale entropy

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Area under the curve for multiscale entropy, mean	72.492 [70.968, 73.000]	72.513 [72.109, 73.133]	71.741 [70.265, 72.781]	p = 0.179, (U = 54)	MWU, so no Levene's test run.
Area under the curve for multiscale entropy, median	72.300 (0.220)	72.639 (0.231)	71.757 (0.390)	p = 0.048 (t = -2)	Equal variances assumed.
Area under the curve for multiscale entropy, STDEV	1.463 (0.155)	1.436 (0.180)	1.507 (0.296)	p = 0.828 (t = 0)	Equal variances assumed.
Area under the curve for multiscale entropy, IQR	1.484 [0.951, 1.877]	1.423 [1.023, 1.721]	1.651 [0.898, 2.038]	p = 0.510, (U = 93)	MWU, so no Levene's test run.
Area under the curve for multiscale entropy, Theil-Sen slope	-0.312 [-0.911, 0.374]	-0.341 [-0.618, 0.563]	-0.236 [-1.156, 0.255]	p = 0.772, (U = 74)	MWU, so no Levene's test run.
Area under the curve for multiscale entropy, RMSE for Theil-Sen line of best fit	1.377 (0.141)	1.363 (0.169)	1.401 (0.258)	p = 0.899 (t = 0)	Equal variances assumed.
Area under the curve for multiscale entropy, Mann-Kendall τ value	-0.068 (0.048)	-0.058 (0.062)	-0.084 (0.079)	p = 0.794 (t = -0)	Equal variances assumed.

Multiscale entropy max value

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Multiscale entropy max value, mean	3.970 (0.015)	3.989 (0.018)	3.941 (0.024)	p = 0.119 (t = -2)	Equal variances assumed.
Multiscale entropy max value, median	3.949 (0.016)	3.963 (0.019)	3.925 (0.026)	p = 0.244 (t = -1)	Equal variances assumed.
Multiscale entropy max value, STDEV	0.156 (0.008)	0.162 (0.010)	0.147 (0.012)	p = 0.358 (t = -1)	Equal variances assumed.
Multiscale entropy max value, IQR	0.215 [0.142, 0.268]	0.246 [0.165, 0.268]	0.155 [0.142, 0.225]	p = 0.414, (U = 64)	MWU, so no Levene's test run.
Multiscale entropy max value, Theil-Sen slope	-0.041 [-0.102, 0.010]	-0.071 [-0.142, 0.005]	-0.019 [-0.053, 0.033]	p = 0.147, (U = 108)	MWU, so no Levene's test run.
Multiscale entropy max value, RMSE for Theil-Sen line of best fit	0.155 (0.008)	0.161 (0.010)	0.145 (0.012)	p = 0.365 (t = -1)	Equal variances assumed.
Multiscale entropy max value, Mann-Kendall τ value	-0.061 (0.027)	-0.075 (0.033)	-0.040 (0.048)	p = 0.539 (t = 1)	Equal variances assumed.

Multiscale entropy slope for coarse values

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Multiscale entropy slope for coarse values, mean	-0.002 (9.106e-04)	-0.002 (0.001)	-0.002 (0.002)	p = 0.968 (t = -0)	Equal variances assumed.
Multiscale entropy slope for coarse values, median	-6.540e-04 [-0.004, 5.697e-3	0512e-04 [-0.004, 7.162e-0	0.001 [-0.004, 4.034e-04]	p = 0.732, (U = 73)	MWU, so no Levene's test run.
Multiscale entropy slope for coarse values, STDEV	0.008 (7.549e-04)	0.007 (8.372e-04)	0.009 (0.001)	p = 0.297 (t = 1)	Equal variances assumed.
Multiscale entropy slope for coarse values, IQR	0.007 (6.257e-04)	0.007 (7.745e-04)	0.008 (0.001)	p = 0.305 (t = 1)	Equal variances assumed.
Multiscale entropy slope for coarse values, Theil-Sen slope	3.351e-04 [-0.001, 0.004]	-1.496e-04 [-0.002, 0.002]	0.003 [8.323e-04, 0.005]	p = 0.061, (U = 116)	MWU, so no Levene's test run.
Multiscale entropy slope for coarse values, RMSE for Theil-Sen line of best fit	0.008 (7.332e-04)	0.007 (8.413e-04)	0.009 (0.001)	p = 0.355 (t = 1)	Equal variances assumed.
Multiscale entropy slope for coarse values, Mann-Kendall τ value	0.018 [-0.075, 0.156]	-0.015 [-0.084, 0.048]	0.150 [0.050, 0.230]	p = 0.033, (U = 121)	MWU, so no Levene's test run.

Multiscale entropy slope for fine values

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Multiscale entropy slope for fine values, mean	0.123 (0.020)	0.106 (0.027)	0.152 (0.028)	p = 0.276 (t = 1)	Equal variances assumed.
Multiscale entropy slope for fine values, median	0.198 [0.021, 0.240]	0.158 [-0.033, 0.246]	0.199 [0.164, 0.230]	p = 0.477, (U = 94)	MWU, so no Levene's test run.
Multiscale entropy slope for fine values, STDEV	0.131 (0.005)	0.134 (0.008)	0.127 (0.007)	p = 0.509 (t = -1)	Equal variances assumed.
Multiscale entropy slope for fine values, IQR	0.200 (0.013)	0.201 (0.020)	0.199 (0.015)	p = 0.949 (t = -0)	Equal variances assumed.
Multiscale entropy slope for fine values, Theil-Sen slope	-0.018 (0.027)	0.003 (0.036)	-0.051 (0.040)	p = 0.342 (t = -1)	Equal variances assumed.
Multiscale entropy slope for fine values, RMSE for Theil-Sen line of best fit	0.130 (0.006)	0.132 (0.008)	0.126 (0.007)	p = 0.618 (t = -1)	Equal variances assumed.
Multiscale entropy slope for fine values, Mann-Kendall τ value	-4.483e-04 (0.043)	0.057 (0.056)	-0.092 (0.059)	p = 0.092 (t = -2)	Equal variances assumed.

Full-spectrum rEEG proportion between 0 and 10 uv

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG proportion between 0 and 10 uv, mean	0.009 [0.000, 0.121]	0.019 [0.000, 0.128]	0.000 [0.000, 0.047]	p = 0.517, (U = 68)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, median	0.000 [0.000, 0.067]	0.000 [0.000, 0.075]	0.000 [0.000, 0.000]	p = 0.438, (U = 67)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, STDEV	0.018 [0.000, 0.122]	0.036 [0.000, 0.120]	0.000 [0.000, 0.109]	p = 0.554, (U = 69)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, IQR	0.000 [0.000, 0.158]	0.033 [0.000, 0.175]	0.000 [0.000, 0.000]	p = 0.168, (U = 56)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, Theil-Sen slope	0.000 [0.000, 0.000]	0.000 [0.000, 0.000]	0.000 [0.000, 0.000]	p = 0.188, (U = 60)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit	0.020 [0.000, 0.128]	0.041 [0.000, 0.126]	0.000 [0.000, 0.118]	p = 0.593, (U = 70)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 0 and 10 uv, Mann-Kendall τ value	0.000 [-0.019, 0.000]	0.000 [0.000, 0.111]	0.000 [-0.334, 0.000]	p = 0.023, (U = 39)	MWU, so no Levene's test run.

Full-spectrum rEEG proportion between 10 and 25 uv

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG proportion between 10 and 25 uv, mean	0.121 [1.754e-04, 0.358]	0.252 [0.002, 0.460]	0.081 [1.754e-04, 0.124]	p = 0.253, (U = 58)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, median	0.100 [0.000, 0.392]	0.250 [0.000, 0.500]	0.017 [0.000, 0.100]	p = 0.183, (U = 55)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, STDEV	0.105 [0.001, 0.180]	0.130 [0.007, 0.184]	0.068 [0.001, 0.127]	p = 0.506, (U = 67)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, IQR	0.129 [0.000, 0.225]	0.167 [0.000, 0.254]	0.067 [0.000, 0.144]	p = 0.196, (U = 56)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, Theil-Sen slope	0.000 [-0.012, 0.000]	0.000 [-0.062, 0.017]	0.000 [0.000, 0.000]	p = 0.673, (U = 88)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit	0.080 [0.001, 0.170]	0.132 [0.008, 0.173]	0.062 [0.001, 0.124]	p = 0.576, (U = 69)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 10 and 25 uv, Mann-Kendall τ value	-0.055 (0.053)	-0.077 (0.064)	-0.021 (0.096)	p = 0.618 (t = 1)	Equal variances assumed.

Full-spectrum rEEG proportion between 25 and 50 uv

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG proportion between 25 and 50 uv, mean	0.238 (0.036)	0.234 (0.043)	0.243 (0.067)	p = 0.903 (t = 0)	Equal variances assumed.
Full-spectrum rEEG proportion between 25 and 50 uv, median	0.229 (0.041)	0.224 (0.047)	0.238 (0.077)	p = 0.867 (t = 0)	Equal variances assumed.
Full-spectrum rEEG proportion between 25 and 50 uv, STDEV	0.140 (0.015)	0.139 (0.017)	0.142 (0.030)	p = 0.941 (t = 0)	Equal variances assumed.
Full-spectrum rEEG proportion between 25 and 50 uv, IQR	0.195 (0.029)	0.184 (0.033)	0.213 (0.054)	p = 0.642 (t = 0)	Equal variances assumed.
Full-spectrum rEEG proportion between 25 and 50 uv, Theil-Sen slope	0.000 [-0.064, 0.107]	0.000 [-0.126, 0.077]	0.024 [0.000, 0.133]	p = 0.275, (U = 101)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit	0.126 (0.014)	0.124 (0.015)	0.130 (0.027)	p = 0.814 (t = 0)	Equal variances assumed.
Full-spectrum rEEG proportion between 25 and 50 uv, Mann-Kendall τ value	0.045 (0.074)	-0.017 (0.095)	0.142 (0.118)	p = 0.307 (t = 1)	Equal variances assumed.

Full-spectrum rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG proportion between 50 and 100 uv, mean	0.297 [0.078, 0.506]	0.184 [0.054, 0.447]	0.343 [0.138, 0.623]	p = 0.385, (U = 97)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 50 and 100 uv, median	0.250 [0.033, 0.533]	0.067 [0.033, 0.417]	0.317 [0.083, 0.633]	p = 0.540, (U = 92)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 50 and 100 uv, STDEV	0.158 (0.018)	0.164 (0.026)	0.149 (0.022)	p = 0.697 (t = -0)	Equal variances assumed.
Full-spectrum rEEG proportion between 50 and 100 uv, IQR	0.217 (0.032)	0.221 (0.043)	0.211 (0.048)	p = 0.881 (t = -0)	Equal variances assumed.
Full-spectrum rEEG proportion between 50 and 100 uv, Theil-Sen slope	0.000 [-0.107, 0.036]	0.000 [-0.070, 0.008]	-0.057 [-0.158, 0.052]	p = 0.506, (U = 67)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.147 (0.016)	0.151 (0.023)	0.140 (0.022)	p = 0.751 (t = -0)	Equal variances assumed.
Full-spectrum rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	-0.022 (0.067)	-0.026 (0.089)	-0.014 (0.106)	p = 0.931 (t = 0)	Equal variances assumed.

Full-spectrum rEEG proportion over 100 uv

Variable	Group Values	No ND (n=16)	ND (n=10)	Test Results	Equal Var
Full-spectrum rEEG proportion over 100 uv, mean	0.043 [0.012, 0.180]	0.034 [0.007, 0.132]	0.054 [0.025, 0.180]	p = 0.510, (U = 93)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, median	0.000 [0.000, 0.058]	0.000 [0.000, 0.033]	0.017 [0.000, 0.092]	p = 0.399, (U = 94)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, STDEV	0.077 [0.026, 0.184]	0.065 [0.018, 0.195]	0.089 [0.052, 0.181]	p = 0.654, (U = 89)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, IQR	0.050 [0.008, 0.244]	0.033 [0.000, 0.160]	0.083 [0.033, 0.244]	p = 0.422, (U = 96)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, Theil-Sen slope	0.000 [0.000, 0.000]	0.000 [0.000, 0.000]	0.000 [0.000, 0.126]	p = 0.277, (U = 98)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	0.086 [0.029, 0.179]	0.071 [0.019, 0.206]	0.097 [0.057, 0.170]	p = 0.772, (U = 86)	MWU, so no Levene's test run.
Full-spectrum rEEG proportion over 100 uv, Mann-Kendall τ value	0.038 (0.056)	0.010 (0.080)	0.084 (0.072)	p = 0.533 (t = 1)	Equal variances assumed.