

α-δ ratio

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α-δ ratio, mean	0.080 (0.013)	0.089 (0.018)	0.067 (0.022)	p = 0.454 (t = -0.764, R² = 0.039)	-
α-δ ratio, median	0.064 (0.010)	0.068 (0.013)	0.058 (0.016)	p = 0.628 (t = -0.493, R² = 0.030)	-
α-δ ratio, STDEV	0.050 (0.010)	0.059 (0.013)	0.036 (0.016)	p = 0.279 (t = -1.113, R² = 0.060)	-
α-δ ratio, IQR	0.061 (0.014)	0.072 (0.019)	0.045 (0.023)	p = 0.380 (t = -0.898, R² = 0.056)	-
α-δ ratio, Theil-Sen slope	-0.037 (0.043)	-0.055 (0.057)	-0.010 (0.072)	p = 0.632 (t = 0.486, R² = 0.052)	-
α-δ ratio, RMSE for Theil-Sen line of best fit	0.049 (0.010)	0.058 (0.013)	0.035 (0.017)	p = 0.300 (t = -1.065, R² = 0.058)	-
α-δ ratio, Mann-Kendall τ value	-0.080 (0.055)	-0.021 (0.071)	-0.172 (0.089)	p = 0.201 (t = -1.322, R² = 0.316)	-

Absolute α power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Absolute α power, mean	24.500 (7.324)	24.631 (9.886)	24.297 (12.358)	p = 0.983 (t = -0.021, R ² = 0.070)	-
Absolute α power, median	21.042 (6.885)	19.187 (9.270)	23.928 (11.587)	p = 0.754 (t = 0.318, R ² = 0.089)	-
Absolute α power, STDEV	12.569 (3.405)	15.297 (4.490)	8.324 (5.612)	p = 0.346 (t = -0.966, R ² = 0.054)	-
Absolute α power, IQR	11.740 (3.218)	13.248 (4.310)	9.395 (5.387)	p = 0.585 (t = -0.556, R ² = 0.040)	-
Absolute α power, Theil-Sen slope	0.641 (7.652)	10.545 (9.697)	-14.765 (12.122)	p = 0.120 (t = -1.622, R ² = 0.118)	-
Absolute α power, RMSE for Theil-Sen line of best fit	12.082 (3.521)	15.217 (4.618)	7.206 (5.772)	p = 0.294 (t = -1.078, R ² = 0.062)	-
Absolute α power, Mann-Kendall τ value	-0.106 (0.082)	-0.080 (0.111)	-0.145 (0.138)	p = 0.719 (t = -0.365, R ² = 0.047)	-

Relative α power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Relative α power, mean	0.057 (0.007)	0.063 (0.010)	0.048 (0.012)	p = 0.329 (t = -1.000, R ² = 0.068)	-
Relative α power, median	0.051 (0.006)	0.055 (0.009)	0.046 (0.011)	p = 0.537 (t = -0.629, R ² = 0.048)	-
Relative α power, STDEV	0.027 (0.004)	0.032 (0.005)	0.019 (0.006)	p = 0.108 (t = -1.682, R ² = 0.125)	-
Relative α power, IQR	0.036 (0.006)	0.043 (0.008)	0.027 (0.010)	p = 0.230 (t = -1.239, R ² = 0.088)	-
Relative α power, Theil-Sen slope	-0.036 (0.034)	-0.048 (0.046)	-0.018 (0.057)	p = 0.683 (t = 0.415, R ² = 0.055)	-
Relative α power, RMSE for Theil-Sen line of best fit	0.025 (0.003)	0.030 (0.004)	0.017 (0.005)	p = 0.095 (t = -1.750, R ² = 0.139)	-
Relative α power, Mann-Kendall τ value	-0.091 (0.054)	-0.026 (0.069)	-0.193 (0.086)	p = 0.145 (t = -1.516, R ² = 0.353)	-

α band higuchi fractal dimension

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band higuchi fractal dimension, mean	1.174 (0.002)	1.174 (0.003)	1.174 (0.003)	p = 0.994 (t = 0.007, R ² = 0.214)	-
α band higuchi fractal dimension, median	1.173 (0.002)	1.173 (0.003)	1.173 (0.004)	p = 0.948 (t = 0.066, R ² = 0.199)	-
α band higuchi fractal dimension, STDEV	0.008 (4.794e-04)	0.008 (6.453e-04)	0.007 (8.066e-04)	p = 0.744 (t = -0.331, R ² = 0.015)	-
α band higuchi fractal dimension, IQR	0.010 (8.498e-04)	0.011 (0.001)	0.010 (0.001)	p = 0.679 (t = -0.419, R ² = 0.053)	-
α band higuchi fractal dimension, Theil-Sen slope	-0.003 (0.006)	-0.009 (0.007)	0.006 (0.009)	p = 0.226 (t = 1.248, R ² = 0.073)	-
α band higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.007 (5.090e-04)	0.007 (6.839e-04)	0.006 (8.549e-04)	p = 0.677 (t = -0.423, R ² = 0.022)	-
α band higuchi fractal dimension, Mann-Kendall τ value	-0.050 (0.061)	-0.071 (0.082)	-0.017 (0.102)	p = 0.682 (t = 0.416, R ² = 0.066)	-

α band shannon entropy

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band shannon entropy, mean	0.946 (0.005)	0.945 (0.007)	0.946 (0.009)	p = 0.885 (t = 0.147, R ² = 0.282)	-
α band shannon entropy, median	0.950 (0.005)	0.950 (0.006)	0.950 (0.008)	p = 0.985 (t = 0.019, R ² = 0.173)	-
α band shannon entropy, STDEV	0.028 (0.004)	0.030 (0.005)	0.026 (0.007)	p = 0.639 (t = -0.476, R ² = 0.263)	-
α band shannon entropy, IQR	0.035 (0.003)	0.037 (0.004)	0.031 (0.005)	p = 0.342 (t = -0.973, R ² = 0.313)	-
α band shannon entropy, Theil-Sen slope	-0.027 (0.019)	-0.045 (0.025)	0.001 (0.031)	p = 0.271 (t = 1.132, R ² = 0.061)	-
α band shannon entropy, RMSE for Theil-Sen line of best fit	0.026 (0.004)	0.028 (0.005)	0.024 (0.007)	p = 0.667 (t = -0.437, R ² = 0.254)	-
α band shannon entropy, Mann-Kendall τ value	-0.076 (0.060)	-0.097 (0.081)	-0.045 (0.101)	p = 0.694 (t = 0.399, R ² = 0.022)	-

α band spectral difference

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band spectral difference, mean	0.007 (0.001)	0.006 (0.001)	0.008 (0.002)	p = 0.552 (t = 0.605, R ² = 0.223)	-
α band spectral difference, median	0.005 (0.001)	0.005 (0.001)	0.007 (0.002)	p = 0.407 (t = 0.848, R ² = 0.205)	-
α band spectral difference, STDEV	0.006 (5.546e-04)	0.006 (7.420e-04)	0.005 (9.276e-04)	p = 0.562 (t = -0.590, R ² = 0.262)	-
α band spectral difference, IQR	0.006 (9.158e-04)	0.006 (0.001)	0.007 (0.002)	p = 0.598 (t = 0.535, R ² = 0.223)	-
α band spectral difference, Theil-Sen slope	-0.007 (0.006)	-0.011 (0.008)	-5.226e-04 (0.010)	p = 0.411 (t = 0.840, R ² = 0.048)	-
α band spectral difference, RMSE for Theil-Sen line of best fit	0.006 (4.903e-04)	0.006 (6.581e-04)	0.005 (8.227e-04)	p = 0.642 (t = -0.472, R ² = 0.297)	-
α band spectral difference, Mann-Kendall τ value	-0.060 (0.038)	-0.055 (0.051)	-0.068 (0.063)	p = 0.871 (t = -0.165, R ² = 0.012)	-

α band rEEG

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG, mean	11.171 (1.821)	11.136 (2.458)	11.224 (3.072)	p = 0.982 (t = 0.022, R² = 0.082)	-
α band rEEG, median	9.983 (1.813)	9.671 (2.444)	10.469 (3.056)	p = 0.841 (t = 0.203, R² = 0.110)	-
α band rEEG, STDEV	5.933 (0.823)	6.787 (1.067)	4.604 (1.334)	p = 0.218 (t = -1.272, R² = 0.095)	-
α band rEEG, IQR	5.657 (0.831)	6.182 (1.106)	4.840 (1.382)	p = 0.459 (t = -0.755, R² = 0.078)	-
α band rEEG, Theil-Sen slope	0.165 (1.487)	1.571 (1.942)	-2.022 (2.428)	p = 0.264 (t = -1.150, R² = 0.063)	-
α band rEEG, RMSE for Theil-Sen line of best fit	5.823 (0.838)	6.755 (1.080)	4.373 (1.350)	p = 0.186 (t = -1.371, R² = 0.110)	-
α band rEEG, Mann-Kendall τ value	-0.053 (0.050)	-0.048 (0.067)	-0.061 (0.084)	p = 0.902 (t = -0.125, R² = 0.032)	-

α band envelope mean value

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band envelope mean value, mean	43.968 (13.233)	44.191 (17.861)	43.622 (22.327)	p = 0.984 (t = -0.020, R ² = 0.072)	-
α band envelope mean value, median	37.944 (12.546)	34.579 (16.891)	43.178 (21.114)	p = 0.755 (t = 0.316, R ² = 0.089)	-
α band envelope mean value, STDEV	22.415 (6.039)	27.184 (7.969)	14.998 (9.962)	p = 0.353 (t = -0.951, R ² = 0.055)	-
α band envelope mean value, IQR	20.658 (5.556)	23.588 (7.426)	16.100 (9.282)	p = 0.538 (t = -0.627, R ² = 0.048)	-
α band envelope mean value, Theil-Sen slope	0.728 (14.322)	19.177 (18.163)	-27.970 (22.704)	p = 0.122 (t = -1.614, R ² = 0.117)	-
α band envelope mean value, RMSE for Theil-Sen line of best fit	21.523 (6.222)	26.996 (8.165)	13.009 (10.207)	p = 0.300 (t = -1.065, R ² = 0.063)	-
α band envelope mean value, Mann-Kendall τ value	-0.109 (0.081)	-0.086 (0.110)	-0.144 (0.137)	p = 0.748 (t = -0.325, R ² = 0.048)	-

α band envelope standard deviation

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band envelope standard deviation, mean	68.409 (15.838)	73.402 (21.303)	60.643 (26.629)	p = 0.714 (t = -0.372, R ² = 0.037)	-
α band envelope standard deviation, median	53.487 (14.638)	54.344 (19.756)	52.153 (24.696)	p = 0.946 (t = -0.069, R ² = 0.074)	-
α band envelope standard deviation, STDEV	49.107 (8.299)	56.511 (10.882)	37.591 (13.602)	p = 0.293 (t = -1.081, R ² = 0.066)	-
α band envelope standard deviation, IQR	43.069 (9.958)	52.360 (13.021)	28.617 (16.277)	p = 0.270 (t = -1.133, R ² = 0.086)	-
α band envelope standard deviation, Theil-Sen slope	7.861 (19.087)	26.484 (24.881)	-21.109 (31.102)	p = 0.248 (t = -1.189, R ² = 0.066)	-
α band envelope standard deviation, RMSE for Theil-Sen line of best fit	49.551 (8.930)	57.721 (11.691)	36.842 (14.614)	p = 0.280 (t = -1.110, R ² = 0.072)	-
α band envelope standard deviation, Mann-Kendall τ value	-0.082 (0.066)	-0.084 (0.089)	-0.078 (0.112)	p = 0.964 (t = 0.046, R ² = 0.025)	-

α band kurtosis

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band kurtosis, mean	14.873 (2.233)	15.146 (3.012)	14.448 (3.765)	p = 0.887 (t = -0.144, R² = 0.306)	-
α band kurtosis, median	8.624 (1.122)	9.107 (1.504)	7.872 (1.880)	p = 0.615 (t = -0.511, R² = 0.279)	-
α band kurtosis, STDEV	18.598 (3.163)	18.755 (4.269)	18.354 (5.336)	p = 0.954 (t = -0.058, R² = 0.278)	-
α band kurtosis, IQR	10.869 (2.629)	11.974 (3.527)	9.151 (4.409)	p = 0.624 (t = -0.497, R² = 0.217)	-
α band kurtosis, Theil-Sen slope	0.064 (0.957)	-0.302 (1.285)	0.634 (1.607)	p = 0.655 (t = 0.453, R² = 0.025)	-
α band kurtosis, RMSE for Theil-Sen line of best fit	19.526 (3.349)	19.578 (4.520)	19.445 (5.650)	p = 0.986 (t = -0.018, R² = 0.281)	-
α band kurtosis, Mann-Kendall τ value	0.023 (0.044)	0.011 (0.059)	0.041 (0.073)	p = 0.755 (t = 0.316, R² = 0.007)	-

Mean α band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Mean α band power, mean	21.984 (6.616)	22.096 (8.930)	21.811 (11.163)	p = 0.984 (t = -0.020, R ² = 0.072)	-
Mean α band power, median	18.972 (6.273)	17.289 (8.445)	21.589 (10.557)	p = 0.755 (t = 0.316, R ² = 0.089)	-
Mean α band power, STDEV	11.208 (3.019)	13.592 (3.985)	7.499 (4.981)	p = 0.353 (t = -0.951, R ² = 0.055)	-
Mean α band power, IQR	10.329 (2.778)	11.794 (3.713)	8.050 (4.641)	p = 0.538 (t = -0.627, R ² = 0.048)	-
Mean α band power, Theil-Sen slope	0.364 (7.161)	9.588 (9.081)	-13.985 (11.352)	p = 0.122 (t = -1.614, R ² = 0.117)	-
Mean α band power, RMSE for Theil-Sen line of best fit	10.762 (3.111)	13.498 (4.083)	6.505 (5.104)	p = 0.300 (t = -1.065, R ² = 0.063)	-
Mean α band power, Mann-Kendall τ value	-0.109 (0.081)	-0.086 (0.110)	-0.144 (0.137)	p = 0.748 (t = -0.325, R ² = 0.048)	-

Standard deviation of α band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Standard deviation of α band power, mean	3.595 (0.564)	3.630 (0.761)	3.542 (0.951)	$p = 0.943$ ($t = -0.072$, $R^2 = 0.079$)	-
Standard deviation of α band power, median	3.377 (0.558)	3.317 (0.753)	3.470 (0.941)	$p = 0.901$ ($t = 0.126$, $R^2 = 0.096$)	-
Standard deviation of α band power, STDEV	1.020 (0.142)	1.161 (0.184)	0.801 (0.230)	$p = 0.239$ ($t = -1.215$, $R^2 = 0.077$)	-
Standard deviation of α band power, IQR	1.179 (0.158)	1.340 (0.205)	0.930 (0.256)	$p = 0.229$ ($t = -1.242$, $R^2 = 0.107$)	-
Standard deviation of α band power, Theil-Sen slope	0.037 (0.552)	0.648 (0.712)	-0.912 (0.890)	$p = 0.188$ ($t = -1.362$, $R^2 = 0.093$)	-
Standard deviation of α band power, RMSE for Theil-Sen line of best fit	0.917 (0.143)	1.069 (0.186)	0.680 (0.232)	$p = 0.207$ ($t = -1.303$, $R^2 = 0.084$)	-
Standard deviation of α band power, Mann-Kendall τ value	-0.109 (0.081)	-0.086 (0.110)	-0.144 (0.137)	$p = 0.748$ ($t = -0.325$, $R^2 = 0.048$)	-

α band rEEG proportion between 0 and 10 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG proportion between 0 and 10 uv, mean	0.600 (0.077)	0.619 (0.103)	0.570 (0.129)	p = 0.771 (t = -0.295, R ² = 0.112)	-
α band rEEG proportion between 0 and 10 uv, median	0.622 (0.081)	0.655 (0.109)	0.570 (0.136)	p = 0.634 (t = -0.484, R ² = 0.143)	-
α band rEEG proportion between 0 and 10 uv, STDEV	0.125 (0.023)	0.115 (0.030)	0.140 (0.038)	p = 0.610 (t = 0.518, R ² = 0.016)	-
α band rEEG proportion between 0 and 10 uv, IQR	0.150 (0.039)	0.137 (0.053)	0.171 (0.066)	p = 0.697 (t = 0.395, R ² = 0.015)	-
α band rEEG proportion between 0 and 10 uv, Theil-Sen slope	0.082 (0.067)	0.007 (0.086)	0.198 (0.108)	p = 0.184 (t = 1.375, R ² = 0.163)	-
α band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit	0.113 (0.020)	0.110 (0.027)	0.117 (0.034)	p = 0.880 (t = 0.154, R ² = 0.006)	-
α band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value	0.159 (0.076)	0.192 (0.102)	0.109 (0.127)	p = 0.616 (t = -0.510, R ² = 0.112)	-

α band rEEG proportion between 10 and 25 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG proportion between 10 and 25 uv, mean	0.293 (0.061)	0.272 (0.082)	0.326 (0.103)	p = 0.689 (t = 0.405, R ² = 0.060)	-
α band rEEG proportion between 10 and 25 uv, median	0.276 (0.067)	0.252 (0.090)	0.314 (0.113)	p = 0.671 (t = 0.431, R ² = 0.086)	-
α band rEEG proportion between 10 and 25 uv, STDEV	0.143 (0.021)	0.137 (0.029)	0.151 (0.036)	p = 0.774 (t = 0.291, R ² = 0.028)	-
α band rEEG proportion between 10 and 25 uv, IQR	0.170 (0.036)	0.164 (0.049)	0.181 (0.061)	p = 0.828 (t = 0.220, R ² = 0.017)	-
α band rEEG proportion between 10 and 25 uv, Theil-Sen slope	-0.189 (0.084)	-0.174 (0.113)	-0.212 (0.141)	p = 0.836 (t = -0.210, R ² = 0.079)	-
α band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit	0.133 (0.019)	0.132 (0.026)	0.133 (0.033)	p = 0.985 (t = 0.019, R ² = 0.013)	-
α band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value	-0.155 (0.071)	-0.187 (0.095)	-0.105 (0.118)	p = 0.594 (t = 0.542, R ² = 0.114)	-

α band rEEG proportion between 25 and 50 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG proportion between 25 and 50 uv, mean	0.100 (0.044)	0.100 (0.059)	0.099 (0.074)	p = 0.991 (t = -0.012, R ² = 0.067)	-
α band rEEG proportion between 25 and 50 uv, median	0.087 (0.045)	0.077 (0.061)	0.103 (0.076)	p = 0.790 (t = 0.270, R ² = 0.072)	-
α band rEEG proportion between 25 and 50 uv, STDEV	0.064 (0.018)	0.083 (0.024)	0.036 (0.030)	p = 0.234 (t = -1.226, R ² = 0.092)	-
α band rEEG proportion between 25 and 50 uv, IQR	0.054 (0.021)	0.076 (0.028)	0.019 (0.035)	p = 0.222 (t = -1.261, R ² = 0.139)	-
α band rEEG proportion between 25 and 50 uv, Theil-Sen slope	0.081 (0.072)	0.140 (0.094)	-0.011 (0.118)	p = 0.329 (t = -1.001, R ² = 0.071)	-
α band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit	0.063 (0.018)	0.080 (0.023)	0.038 (0.029)	p = 0.274 (t = -1.125, R ² = 0.075)	-
α band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value	-0.056 (0.046)	-0.058 (0.063)	-0.053 (0.078)	p = 0.963 (t = 0.047, R ² = 0.000)	-

α band rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG proportion between 50 and 100 uv, mean	0.007 (0.004)	0.009 (0.006)	0.005 (0.007)	p = 0.718 (t = -0.366, R ² = 0.031)	-
α band rEEG proportion between 50 and 100 uv, median	0.003 (0.002)	0.003 (0.003)	0.003 (0.003)	p = 0.857 (t = 0.183, R ² = 0.043)	-
α band rEEG proportion between 50 and 100 uv, STDEV	0.013 (0.007)	0.017 (0.010)	0.007 (0.012)	p = 0.514 (t = -0.664, R ² = 0.040)	-
α band rEEG proportion between 50 and 100 uv, IQR	0.007 (0.004)	0.007 (0.006)	0.007 (0.007)	p = 0.981 (t = -0.025, R ² = 0.007)	-
α band rEEG proportion between 50 and 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
α band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.014 (0.008)	0.018 (0.010)	0.007 (0.013)	p = 0.506 (t = -0.678, R ² = 0.040)	-
α band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	0.012 (0.023)	0.027 (0.031)	-0.011 (0.039)	p = 0.453 (t = -0.765, R ² = 0.173)	-

α band rEEG proportion over 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α band rEEG proportion over 100 uv, mean	8.946e-06 (8.863e-06)	5.061e-07 (1.157e-05)	2.208e-05 (1.447e-05)	p = 0.260 (t = 1.159, R ² = 0.082)	-
α band rEEG proportion over 100 uv, median	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
α band rEEG proportion over 100 uv, STDEV	1.139e-04 (1.128e-04)	6.442e-06 (1.473e-04)	2.810e-04 (1.841e-04)	p = 0.260 (t = 1.159, R ² = 0.082)	-
α band rEEG proportion over 100 uv, IQR	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
α band rEEG proportion over 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
α band rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	1.139e-04 (1.128e-04)	6.442e-06 (1.473e-04)	2.810e-04 (1.841e-04)	p = 0.260 (t = 1.159, R ² = 0.082)	-
α band rEEG proportion over 100 uv, Mann-Kendall τ value	-0.005 (0.005)	-2.665e-04 (0.006)	-0.012 (0.008)	p = 0.260 (t = -1.159, R ² = 0.082)	-

α skew

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α skew, mean	0.007 (0.001)	0.007 (0.001)	0.006 (0.002)	p = 0.785 (t = -0.276, R ² = 0.362)	-
α skew, median	0.003 (3.944e-04)	0.003 (5.277e-04)	0.003 (6.597e-04)	p = 0.562 (t = -0.590, R ² = 0.316)	-
α skew, STDEV	0.015 (0.003)	0.014 (0.004)	0.016 (0.005)	p = 0.784 (t = 0.277, R ² = 0.343)	-
α skew, IQR	0.005 (8.028e-04)	0.005 (0.001)	0.005 (0.001)	p = 0.679 (t = -0.420, R ² = 0.332)	-
α skew, Theil-Sen slope	1.264e-04 (5.477e-04)	5.855e-05 (7.388e-04)	2.318e-04 (9.236e-04)	p = 0.886 (t = 0.146, R ² = 0.016)	-
α skew, RMSE for Theil-Sen line of best fit	0.016 (0.003)	0.015 (0.004)	0.017 (0.005)	p = 0.789 (t = 0.271, R ² = 0.346)	-
α skew, Mann-Kendall τ value	0.035 (0.028)	0.031 (0.038)	0.041 (0.047)	p = 0.865 (t = 0.172, R ² = 0.040)	-

Absolute β power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Absolute β power, mean	14.769 (5.495)	15.038 (7.417)	14.351 (9.271)	p = 0.955 (t = -0.058, R ² = 0.067)	-
Absolute β power, median	10.266 (3.928)	8.908 (5.280)	12.378 (6.600)	p = 0.687 (t = 0.409, R ² = 0.087)	-
Absolute β power, STDEV	9.566 (3.505)	10.783 (4.711)	7.673 (5.889)	p = 0.686 (t = -0.410, R ² = 0.042)	-
Absolute β power, IQR	13.373 (6.739)	14.115 (9.093)	12.220 (11.366)	p = 0.898 (t = -0.129, R ² = 0.040)	-
Absolute β power, Theil-Sen slope	12.371 (6.365)	10.676 (8.569)	15.008 (10.712)	p = 0.757 (t = 0.314, R ² = 0.068)	-
Absolute β power, RMSE for Theil-Sen line of best fit	9.792 (4.044)	11.800 (5.411)	6.670 (6.764)	p = 0.562 (t = -0.589, R ² = 0.045)	-
Absolute β power, Mann-Kendall τ value	-0.059 (0.079)	-0.128 (0.103)	0.050 (0.129)	p = 0.297 (t = 1.070, R ² = 0.054)	-

Relative β power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Relative β power, mean	0.032 (0.007)	0.036 (0.009)	0.026 (0.011)	p = 0.505 (t = -0.679, R ² = 0.040)	-
Relative β power, median	0.023 (0.004)	0.024 (0.006)	0.021 (0.007)	p = 0.789 (t = -0.271, R ² = 0.015)	-
Relative β power, STDEV	0.023 (0.006)	0.027 (0.009)	0.018 (0.011)	p = 0.493 (t = -0.699, R ² = 0.033)	-
Relative β power, IQR	0.027 (0.008)	0.032 (0.011)	0.019 (0.013)	p = 0.434 (t = -0.798, R ² = 0.055)	-
Relative β power, Theil-Sen slope	-0.010 (0.017)	-0.024 (0.023)	0.011 (0.029)	p = 0.360 (t = 0.937, R ² = 0.068)	-
Relative β power, RMSE for Theil-Sen line of best fit	0.024 (0.007)	0.028 (0.009)	0.017 (0.011)	p = 0.457 (t = -0.758, R ² = 0.037)	-
Relative β power, Mann-Kendall τ value	-0.065 (0.058)	-0.051 (0.078)	-0.087 (0.098)	p = 0.777 (t = -0.287, R ² = 0.102)	-

β band higuchi fractal dimension

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band higuchi fractal dimension, mean	1.672 (0.009)	1.677 (0.012)	1.665 (0.015)	p = 0.559 (t = -0.594, R ² = 0.058)	-
β band higuchi fractal dimension, median	1.672 (0.010)	1.678 (0.013)	1.662 (0.016)	p = 0.441 (t = -0.785, R ² = 0.085)	-
β band higuchi fractal dimension, STDEV	0.028 (0.003)	0.027 (0.003)	0.031 (0.004)	p = 0.451 (t = 0.769, R ² = 0.118)	-
β band higuchi fractal dimension, IQR	0.038 (0.004)	0.036 (0.006)	0.042 (0.007)	p = 0.555 (t = 0.601, R ² = 0.101)	-
β band higuchi fractal dimension, Theil-Sen slope	0.011 (0.019)	-0.005 (0.025)	0.035 (0.031)	p = 0.341 (t = 0.976, R ² = 0.106)	-
β band higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.026 (0.002)	0.024 (0.003)	0.028 (0.004)	p = 0.492 (t = 0.700, R ² = 0.110)	-
β band higuchi fractal dimension, Mann-Kendall τ value	0.024 (0.064)	-0.053 (0.082)	0.142 (0.102)	p = 0.154 (t = 1.481, R ² = 0.281)	-

β band shannon entropy

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band shannon entropy, mean	0.877 (0.007)	0.880 (0.010)	0.873 (0.012)	p = 0.638 (t = -0.478, R ² = 0.021)	-
β band shannon entropy, median	0.882 (0.008)	0.887 (0.010)	0.873 (0.013)	p = 0.388 (t = -0.883, R ² = 0.101)	-
β band shannon entropy, STDEV	0.032 (0.004)	0.033 (0.006)	0.031 (0.008)	p = 0.768 (t = -0.300, R ² = 0.188)	-
β band shannon entropy, IQR	0.041 (0.005)	0.042 (0.007)	0.038 (0.008)	p = 0.698 (t = -0.394, R ² = 0.181)	-
β band shannon entropy, Theil-Sen slope	0.007 (0.021)	-0.004 (0.028)	0.024 (0.036)	p = 0.541 (t = 0.622, R ² = 0.108)	-
β band shannon entropy, RMSE for Theil-Sen line of best fit	0.030 (0.004)	0.032 (0.006)	0.026 (0.007)	p = 0.579 (t = -0.564, R ² = 0.206)	-
β band shannon entropy, Mann-Kendall τ value	0.028 (0.063)	-0.032 (0.082)	0.121 (0.103)	p = 0.263 (t = 1.152, R ² = 0.193)	-

β band spectral difference

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band spectral difference, mean	0.003 (3.169e-04)	0.003 (4.262e-04)	0.004 (5.328e-04)	p = 0.714 (t = 0.372, R ² = 0.355)	-
β band spectral difference, median	0.003 (3.759e-04)	0.002 (5.056e-04)	0.003 (6.320e-04)	p = 0.718 (t = 0.367, R ² = 0.274)	-
β band spectral difference, STDEV	0.003 (2.304e-04)	0.003 (3.110e-04)	0.003 (3.887e-04)	p = 0.963 (t = 0.047, R ² = 0.131)	-
β band spectral difference, IQR	0.003 (2.644e-04)	0.003 (3.561e-04)	0.003 (4.452e-04)	p = 0.782 (t = 0.281, R ² = 0.326)	-
β band spectral difference, Theil-Sen slope	3.087e-04 (0.001)	-0.001 (0.002)	0.003 (0.002)	p = 0.228 (t = 1.243, R ² = 0.077)	-
β band spectral difference, RMSE for Theil-Sen line of best fit	0.003 (2.431e-04)	0.003 (3.280e-04)	0.003 (4.101e-04)	p = 0.927 (t = -0.092, R ² = 0.085)	-
β band spectral difference, Mann-Kendall τ value	0.030 (0.042)	0.030 (0.056)	0.030 (0.070)	p = 0.999 (t = -0.001, R ² = 0.020)	-

β band rEEG

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG, mean	8.091 (1.564)	8.132 (2.112)	8.027 (2.640)	p = 0.976 (t = -0.031, R² = 0.090)	-
β band rEEG, median	7.136 (1.485)	7.040 (2.004)	7.285 (2.505)	p = 0.940 (t = 0.076, R² = 0.111)	-
β band rEEG, STDEV	4.133 (0.724)	4.697 (0.956)	3.254 (1.195)	p = 0.359 (t = -0.938, R² = 0.042)	-
β band rEEG, IQR	4.423 (1.085)	4.717 (1.461)	3.964 (1.827)	p = 0.752 (t = -0.320, R² = 0.056)	-
β band rEEG, Theil-Sen slope	2.514 (1.831)	1.948 (2.464)	3.394 (3.080)	p = 0.719 (t = 0.365, R² = 0.047)	-
β band rEEG, RMSE for Theil-Sen line of best fit	3.946 (0.698)	4.559 (0.916)	2.992 (1.145)	p = 0.300 (t = -1.063, R² = 0.053)	-
β band rEEG, Mann-Kendall τ value	-0.021 (0.058)	-0.062 (0.076)	0.041 (0.095)	p = 0.411 (t = 0.840, R² = 0.034)	-

β band envelope mean value

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band envelope mean value, mean	27.302 (10.155)	27.827 (13.706)	26.484 (17.132)	p = 0.952 (t = -0.061, R ² = 0.070)	-
β band envelope mean value, median	18.807 (7.096)	16.367 (9.538)	22.602 (11.923)	p = 0.689 (t = 0.406, R ² = 0.088)	-
β band envelope mean value, STDEV	17.535 (6.552)	19.535 (8.815)	14.425 (11.019)	p = 0.722 (t = -0.360, R ² = 0.051)	-
β band envelope mean value, IQR	25.429 (12.633)	27.177 (17.041)	22.710 (21.301)	p = 0.872 (t = -0.163, R ² = 0.041)	-
β band envelope mean value, Theil-Sen slope	25.061 (13.087)	22.151 (17.634)	29.587 (22.043)	p = 0.796 (t = 0.262, R ² = 0.068)	-
β band envelope mean value, RMSE for Theil-Sen line of best fit	17.964 (7.618)	21.507 (10.204)	12.451 (12.755)	p = 0.587 (t = -0.552, R ² = 0.052)	-
β band envelope mean value, Mann-Kendall τ value	-0.049 (0.080)	-0.123 (0.104)	0.067 (0.130)	p = 0.271 (t = 1.131, R ² = 0.060)	-

β band envelope standard deviation

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band envelope standard deviation, mean	43.104 (11.826)	47.232 (15.893)	36.683 (19.867)	p = 0.684 (t = -0.413, R ² = 0.023)	-
β band envelope standard deviation, median	29.134 (8.741)	29.354 (11.798)	28.792 (14.748)	p = 0.977 (t = -0.030, R ² = 0.044)	-
β band envelope standard deviation, STDEV	36.471 (8.122)	41.249 (10.828)	29.039 (13.536)	p = 0.491 (t = -0.701, R ² = 0.029)	-
β band envelope standard deviation, IQR	40.935 (13.960)	46.199 (18.748)	32.747 (23.436)	p = 0.660 (t = -0.446, R ² = 0.010)	-
β band envelope standard deviation, Theil-Sen slope	33.487 (16.424)	30.253 (22.139)	38.516 (27.674)	p = 0.819 (t = 0.232, R ² = 0.044)	-
β band envelope standard deviation, RMSE for Theil-Sen line of best fit	36.698 (8.588)	42.431 (11.408)	27.781 (14.260)	p = 0.434 (t = -0.798, R ² = 0.037)	-
β band envelope standard deviation, Mann-Kendall τ value	-0.053 (0.069)	-0.127 (0.089)	0.063 (0.111)	p = 0.197 (t = 1.333, R ² = 0.084)	-

β band kurtosis

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band kurtosis, mean	26.418 (4.250)	25.711 (5.730)	27.517 (7.163)	p = 0.847 (t = 0.196, R ² = 0.400)	-
β band kurtosis, median	12.772 (1.873)	14.609 (2.440)	9.916 (3.050)	p = 0.246 (t = -1.196, R ² = 0.451)	-
β band kurtosis, STDEV	41.270 (8.083)	36.184 (10.756)	49.181 (13.446)	p = 0.461 (t = 0.751, R ² = 0.248)	-
β band kurtosis, IQR	20.873 (4.582)	22.611 (6.153)	18.171 (7.692)	p = 0.659 (t = -0.449, R ² = 0.392)	-
β band kurtosis, Theil-Sen slope	-1.278 (2.075)	-2.133 (2.784)	0.052 (3.480)	p = 0.631 (t = 0.488, R ² = 0.012)	-
β band kurtosis, RMSE for Theil-Sen line of best fit	43.216 (8.515)	37.474 (11.308)	52.149 (14.135)	p = 0.429 (t = 0.807, R ² = 0.259)	-
β band kurtosis, Mann-Kendall τ value	-0.018 (0.041)	-0.042 (0.054)	0.020 (0.068)	p = 0.481 (t = 0.718, R ² = 0.032)	-

Mean β band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Mean β band power, mean	13.651 (5.077)	13.914 (6.853)	13.242 (8.566)	$p = 0.952$ ($t = -0.061$, $R^2 = 0.070$)	-
Mean β band power, median	9.404 (3.548)	8.184 (4.769)	11.301 (5.961)	$p = 0.689$ ($t = 0.406$, $R^2 = 0.088$)	-
Mean β band power, STDEV	8.768 (3.276)	9.767 (4.407)	7.213 (5.509)	$p = 0.722$ ($t = -0.360$, $R^2 = 0.051$)	-
Mean β band power, IQR	12.715 (6.317)	13.589 (8.520)	11.355 (10.651)	$p = 0.872$ ($t = -0.163$, $R^2 = 0.041$)	-
Mean β band power, Theil-Sen slope	12.530 (6.544)	11.076 (8.817)	14.793 (11.022)	$p = 0.796$ ($t = 0.262$, $R^2 = 0.068$)	-
Mean β band power, RMSE for Theil-Sen line of best fit	8.982 (3.809)	10.754 (5.102)	6.226 (6.377)	$p = 0.587$ ($t = -0.552$, $R^2 = 0.052$)	-
Mean β band power, Mann-Kendall τ value	-0.049 (0.080)	-0.123 (0.104)	0.067 (0.130)	$p = 0.271$ ($t = 1.131$, $R^2 = 0.060$)	-

Standard deviation of β band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Standard deviation of β band power, mean	2.580 (0.481)	2.641 (0.649)	2.485 (0.811)	$p = 0.883$ (t = -0.149, $R^2 = 0.084$)	-
Standard deviation of β band power, median	2.260 (0.419)	2.222 (0.565)	2.320 (0.707)	$p = 0.915$ (t = 0.108, $R^2 = 0.101$)	-
Standard deviation of β band power, STDEV	0.888 (0.173)	0.988 (0.231)	0.731 (0.289)	$p = 0.497$ (t = -0.693, $R^2 = 0.035$)	-
Standard deviation of β band power, IQR	1.213 (0.342)	1.309 (0.461)	1.064 (0.576)	$p = 0.745$ (t = -0.330, $R^2 = 0.014$)	-
Standard deviation of β band power, Theil-Sen slope	0.961 (0.667)	0.739 (0.897)	1.306 (1.121)	$p = 0.698$ (t = 0.393, $R^2 = 0.048$)	-
Standard deviation of β band power, RMSE for Theil-Sen line of best fit	0.827 (0.193)	0.978 (0.255)	0.592 (0.318)	$p = 0.358$ (t = -0.941, $R^2 = 0.054$)	-
Standard deviation of β band power, Mann-Kendall τ value	-0.049 (0.080)	-0.123 (0.104)	0.067 (0.130)	$p = 0.271$ (t = 1.131, $R^2 = 0.060$)	-

β band rEEG proportion between 0 and 10 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG proportion between 0 and 10 uv, mean	0.760 (0.069)	0.736 (0.093)	0.796 (0.116)	p = 0.694 (t = 0.399, R ² = 0.106)	-
β band rEEG proportion between 0 and 10 uv, median	0.780 (0.075)	0.766 (0.101)	0.802 (0.126)	p = 0.825 (t = 0.223, R ² = 0.133)	-
β band rEEG proportion between 0 and 10 uv, STDEV	0.116 (0.027)	0.119 (0.037)	0.110 (0.046)	p = 0.886 (t = -0.145, R ² = 0.002)	-
β band rEEG proportion between 0 and 10 uv, IQR	0.116 (0.039)	0.120 (0.053)	0.111 (0.066)	p = 0.924 (t = -0.097, R ² = 0.002)	-
β band rEEG proportion between 0 and 10 uv, Theil-Sen slope	-0.090 (0.107)	0.002 (0.140)	-0.234 (0.175)	p = 0.309 (t = -1.043, R ² = 0.065)	-
β band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit	0.114 (0.027)	0.127 (0.036)	0.095 (0.045)	p = 0.586 (t = -0.553, R ² = 0.019)	-
β band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value	0.056 (0.068)	0.068 (0.091)	0.038 (0.114)	p = 0.842 (t = -0.202, R ² = 0.009)	-

β band rEEG proportion between 10 and 25 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG proportion between 10 and 25 uv, mean	0.181 (0.051)	0.210 (0.068)	0.135 (0.085)	p = 0.503 (t = -0.682, R ² = 0.103)	-
β band rEEG proportion between 10 and 25 uv, median	0.156 (0.057)	0.186 (0.076)	0.110 (0.095)	p = 0.543 (t = -0.618, R ² = 0.132)	-
β band rEEG proportion between 10 and 25 uv, STDEV	0.139 (0.029)	0.144 (0.040)	0.130 (0.049)	p = 0.834 (t = -0.212, R ² = 0.014)	-
β band rEEG proportion between 10 and 25 uv, IQR	0.175 (0.050)	0.182 (0.068)	0.164 (0.085)	p = 0.873 (t = -0.162, R ² = 0.023)	-
β band rEEG proportion between 10 and 25 uv, Theil-Sen slope	0.036 (0.092)	-0.051 (0.120)	0.170 (0.150)	p = 0.268 (t = 1.139, R ² = 0.064)	-
β band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit	0.137 (0.029)	0.147 (0.039)	0.122 (0.048)	p = 0.696 (t = -0.396, R ² = 0.014)	-
β band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value	-0.105 (0.061)	-0.141 (0.081)	-0.049 (0.101)	p = 0.488 (t = 0.706, R ² = 0.026)	-

β band rEEG proportion between 25 and 50 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG proportion between 25 and 50 uv, mean	0.056 (0.031)	0.049 (0.042)	0.067 (0.053)	p = 0.798 (t = 0.259, R ² = 0.054)	-
β band rEEG proportion between 25 and 50 uv, median	0.043 (0.033)	0.018 (0.044)	0.081 (0.055)	p = 0.388 (t = 0.883, R ² = 0.068)	-
β band rEEG proportion between 25 and 50 uv, STDEV	0.052 (0.021)	0.057 (0.029)	0.044 (0.036)	p = 0.791 (t = -0.268, R ² = 0.060)	-
β band rEEG proportion between 25 and 50 uv, IQR	0.070 (0.041)	0.072 (0.056)	0.066 (0.070)	p = 0.948 (t = -0.066, R ² = 0.047)	-
β band rEEG proportion between 25 and 50 uv, Theil-Sen slope	0.044 (0.028)	0.070 (0.037)	0.003 (0.047)	p = 0.277 (t = -1.117, R ² = 0.101)	-
β band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit	0.054 (0.022)	0.057 (0.030)	0.049 (0.037)	p = 0.881 (t = -0.151, R ² = 0.059)	-
β band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value	0.090 (0.041)	0.097 (0.056)	0.079 (0.070)	p = 0.842 (t = -0.202, R ² = 0.060)	-

β band rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG proportion between 50 and 100 uv, mean	0.004 (0.003)	0.005 (0.003)	0.002 (0.004)	p = 0.645 (t = -0.468, R ² = 0.037)	-
β band rEEG proportion between 50 and 100 uv, median	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion between 50 and 100 uv, STDEV	0.007 (0.004)	0.008 (0.006)	0.005 (0.007)	p = 0.707 (t = -0.382, R ² = 0.034)	-
β band rEEG proportion between 50 and 100 uv, IQR	0.006 (0.004)	0.008 (0.006)	0.003 (0.007)	p = 0.633 (t = -0.485, R ² = 0.044)	-
β band rEEG proportion between 50 and 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.008 (0.005)	0.009 (0.007)	0.005 (0.008)	p = 0.690 (t = -0.405, R ² = 0.035)	-
β band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	0.016 (0.015)	0.018 (0.020)	0.013 (0.025)	p = 0.864 (t = -0.174, R ² = 0.059)	-

β band rEEG proportion over 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β band rEEG proportion over 100 uv, mean	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, median	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, STDEV	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, IQR	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
β band rEEG proportion over 100 uv, Mann-Kendall τ value	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-

β skew

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
β skew, mean	0.102 (0.015)	0.106 (0.020)	0.095 (0.026)	p = 0.736 (t = -0.342, R ² = 0.427)	-
β skew, median	0.050 (0.008)	0.058 (0.010)	0.036 (0.013)	p = 0.207 (t = -1.305, R ² = 0.392)	-
β skew, STDEV	0.163 (0.025)	0.153 (0.033)	0.178 (0.042)	p = 0.641 (t = 0.474, R ² = 0.360)	-
β skew, IQR	0.093 (0.015)	0.107 (0.019)	0.071 (0.024)	p = 0.267 (t = -1.141, R ² = 0.393)	-
β skew, Theil-Sen slope	0.006 (0.007)	0.009 (0.010)	9.278e-04 (0.012)	p = 0.626 (t = -0.495, R ² = 0.085)	-
β skew, RMSE for Theil-Sen line of best fit	0.170 (0.026)	0.159 (0.035)	0.187 (0.044)	p = 0.624 (t = 0.498, R ² = 0.368)	-
β skew, Mann-Kendall τ value	0.009 (0.024)	0.008 (0.032)	0.011 (0.040)	p = 0.964 (t = 0.046, R ² = 0.002)	-

α-δ ratio

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
α-δ ratio, mean	0.080 (0.013)	0.089 (0.018)	0.067 (0.022)	p = 0.454 (t = -0.764, R² = 0.039)	-
α-δ ratio, median	0.064 (0.010)	0.068 (0.013)	0.058 (0.016)	p = 0.628 (t = -0.493, R² = 0.030)	-
α-δ ratio, STDEV	0.050 (0.010)	0.059 (0.013)	0.036 (0.016)	p = 0.279 (t = -1.113, R² = 0.060)	-
α-δ ratio, IQR	0.061 (0.014)	0.072 (0.019)	0.045 (0.023)	p = 0.380 (t = -0.898, R² = 0.056)	-
α-δ ratio, Theil-Sen slope	-0.037 (0.043)	-0.055 (0.057)	-0.010 (0.072)	p = 0.632 (t = 0.486, R² = 0.052)	-
α-δ ratio, RMSE for Theil-Sen line of best fit	0.049 (0.010)	0.058 (0.013)	0.035 (0.017)	p = 0.300 (t = -1.065, R² = 0.058)	-
α-δ ratio, Mann-Kendall τ value	-0.080 (0.055)	-0.021 (0.071)	-0.172 (0.089)	p = 0.201 (t = -1.322, R² = 0.316)	-

θ-δ ratio

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ-δ ratio, mean	0.108 (0.010)	0.125 (0.012)	0.081 (0.015)	p = 0.029 (t = -2.346, R² = 0.293)	-
θ-δ ratio, median	0.101 (0.010)	0.118 (0.011)	0.075 (0.014)	p = 0.028 (t = -2.368, R² = 0.260)	-
θ-δ ratio, STDEV	0.055 (0.006)	0.064 (0.007)	0.040 (0.008)	p = 0.036 (t = -2.252, R² = 0.421)	-
θ-δ ratio, IQR	0.066 (0.007)	0.075 (0.009)	0.054 (0.011)	p = 0.141 (t = -1.531, R² = 0.240)	-
θ-δ ratio, Theil-Sen slope	-0.007 (0.041)	-0.002 (0.055)	-0.016 (0.069)	p = 0.875 (t = -0.160, R² = 0.016)	-
θ-δ ratio, RMSE for Theil-Sen line of best fit	0.051 (0.006)	0.059 (0.007)	0.038 (0.009)	p = 0.075 (t = -1.879, R² = 0.375)	-
θ-δ ratio, Mann-Kendall τ value	-0.042 (0.064)	-0.009 (0.085)	-0.093 (0.107)	p = 0.549 (t = -0.610, R² = 0.147)	-

Absolute δ power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Absolute δ power, mean	390.059 (84.386)	366.585 (113.591)	426.574 (141.992)	p = 0.746 (t = 0.328, R ² = 0.079)	-
Absolute δ power, median	309.246 (74.865)	286.677 (100.727)	344.353 (125.912)	p = 0.726 (t = 0.356, R ² = 0.117)	-
Absolute δ power, STDEV	271.141 (51.679)	276.641 (69.728)	262.584 (87.162)	p = 0.902 (t = -0.125, R ² = 0.017)	-
Absolute δ power, IQR	297.567 (74.273)	308.297 (100.179)	280.875 (125.226)	p = 0.867 (t = -0.170, R ² = 0.005)	-
Absolute δ power, Theil-Sen slope	575.858 (478.293)	719.142 (643.543)	352.973 (804.446)	p = 0.727 (t = -0.354, R ² = 0.042)	-
Absolute δ power, RMSE for Theil-Sen line of best fit	246.319 (41.228)	243.450 (55.639)	250.781 (69.551)	p = 0.936 (t = 0.082, R ² = 0.014)	-
Absolute δ power, Mann-Kendall τ value	0.045 (0.074)	-0.021 (0.097)	0.147 (0.122)	p = 0.296 (t = 1.074, R ² = 0.065)	-

Relative δ power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Relative δ power, mean	0.828 (0.016)	0.807 (0.020)	0.861 (0.025)	p = 0.110 (t = 1.673, R ² = 0.123)	-
Relative δ power, median	0.842 (0.014)	0.825 (0.018)	0.868 (0.022)	p = 0.144 (t = 1.520, R ² = 0.104)	-
Relative δ power, STDEV	0.073 (0.008)	0.082 (0.011)	0.058 (0.013)	p = 0.172 (t = -1.418, R ² = 0.099)	-
Relative δ power, IQR	0.097 (0.015)	0.110 (0.019)	0.078 (0.024)	p = 0.311 (t = -1.039, R ² = 0.060)	-
Relative δ power, Theil-Sen slope	0.052 (0.077)	0.078 (0.104)	0.013 (0.130)	p = 0.703 (t = -0.387, R ² = 0.040)	-
Relative δ power, RMSE for Theil-Sen line of best fit	0.068 (0.008)	0.077 (0.011)	0.054 (0.014)	p = 0.196 (t = -1.339, R ² = 0.096)	-
Relative δ power, Mann-Kendall τ value	0.038 (0.058)	-0.002 (0.077)	0.099 (0.096)	p = 0.426 (t = 0.813, R ² = 0.205)	-

δ band higuchi fractal dimension

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band higuchi fractal dimension, mean	1.010 (2.629e-04)	1.010 (3.189e-04)	1.009 (3.986e-04)	p = 0.043 (t = -2.160, R ² = 0.275)	-
δ band higuchi fractal dimension, median	1.010 (2.643e-04)	1.010 (3.229e-04)	1.009 (4.037e-04)	p = 0.051 (t = -2.079, R ² = 0.247)	-
δ band higuchi fractal dimension, STDEV	0.001 (7.575e-05)	0.001 (1.022e-04)	0.001 (1.278e-04)	p = 0.911 (t = -0.113, R ² = 0.153)	-
δ band higuchi fractal dimension, IQR	0.002 (1.460e-04)	0.002 (1.911e-04)	0.002 (2.389e-04)	p = 0.280 (t = 1.110, R ² = 0.151)	-
δ band higuchi fractal dimension, Theil-Sen slope	-1.121e-05 (0.002)	1.416e-04 (0.002)	-2.490e-04 (0.003)	p = 0.906 (t = -0.119, R ² = 0.002)	-
δ band higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.001 (8.201e-05)	0.001 (1.107e-04)	0.001 (1.384e-04)	p = 0.950 (t = -0.064, R ² = 0.173)	-
δ band higuchi fractal dimension, Mann-Kendall τ value	-0.002 (0.062)	-0.004 (0.084)	0.002 (0.105)	p = 0.968 (t = 0.041, R ² = 0.066)	-

δ band shannon entropy

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band shannon entropy, mean	0.824 (0.012)	0.844 (0.014)	0.792 (0.018)	p = 0.036 (t = -2.243, R ² = 0.207)	-
δ band shannon entropy, median	0.831 (0.013)	0.853 (0.016)	0.796 (0.020)	p = 0.041 (t = -2.190, R ² = 0.203)	-
δ band shannon entropy, STDEV	0.062 (0.003)	0.062 (0.005)	0.063 (0.006)	p = 0.800 (t = 0.256, R ² = 0.008)	-
δ band shannon entropy, IQR	0.081 (0.006)	0.077 (0.008)	0.087 (0.010)	p = 0.419 (t = 0.826, R ² = 0.040)	-
δ band shannon entropy, Theil-Sen slope	-0.023 (0.060)	-0.056 (0.080)	0.030 (0.101)	p = 0.514 (t = 0.664, R ² = 0.025)	-
δ band shannon entropy, RMSE for Theil-Sen line of best fit	0.059 (0.003)	0.058 (0.005)	0.061 (0.006)	p = 0.629 (t = 0.490, R ² = 0.022)	-
δ band shannon entropy, Mann-Kendall τ value	-0.008 (0.058)	-0.065 (0.075)	0.080 (0.094)	p = 0.246 (t = 1.195, R ² = 0.102)	-

δ band spectral difference

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band spectral difference, mean	0.004 (5.126e-04)	0.004 (6.913e-04)	0.004 (8.641e-04)	p = 0.858 (t = 0.182, R² = 0.103)	-
δ band spectral difference, median	0.003 (5.319e-04)	0.003 (7.168e-04)	0.003 (8.960e-04)	p = 0.802 (t = 0.255, R² = 0.095)	-
δ band spectral difference, STDEV	0.003 (2.355e-04)	0.003 (3.176e-04)	0.003 (3.971e-04)	p = 0.884 (t = -0.148, R² = 0.143)	-
δ band spectral difference, IQR	0.003 (3.974e-04)	0.003 (5.349e-04)	0.004 (6.687e-04)	p = 0.751 (t = 0.322, R² = 0.081)	-
δ band spectral difference, Theil-Sen slope	-0.002 (0.001)	-0.003 (0.001)	-2.458e-04 (0.002)	p = 0.271 (t = 1.131, R² = 0.075)	-
δ band spectral difference, RMSE for Theil-Sen line of best fit	0.003 (2.270e-04)	0.003 (3.064e-04)	0.003 (3.831e-04)	p = 0.979 (t = -0.026, R² = 0.127)	-
δ band spectral difference, Mann-Kendall τ value	-0.044 (0.033)	-0.050 (0.045)	-0.034 (0.056)	p = 0.832 (t = 0.215, R² = 0.034)	-

δ band rEEG

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG, mean	50.080 (6.671)	47.527 (8.958)	54.051 (11.198)	p = 0.656 (t = 0.453, R ² = 0.086)	-
δ band rEEG, median	42.460 (6.135)	40.330 (8.245)	45.774 (10.307)	p = 0.686 (t = 0.410, R ² = 0.107)	-
δ band rEEG, STDEV	31.784 (3.235)	30.014 (4.321)	34.539 (5.401)	p = 0.522 (t = 0.651, R ² = 0.022)	-
δ band rEEG, IQR	29.853 (3.790)	29.623 (5.115)	30.210 (6.394)	p = 0.944 (t = 0.071, R ² = 0.034)	-
δ band rEEG, Theil-Sen slope	1.309 (7.313)	-7.965 (9.293)	15.735 (11.617)	p = 0.129 (t = 1.585, R ² = 0.132)	-
δ band rEEG, RMSE for Theil-Sen line of best fit	31.351 (3.048)	29.277 (4.047)	34.577 (5.058)	p = 0.425 (t = 0.814, R ² = 0.036)	-
δ band rEEG, Mann-Kendall τ value	-0.026 (0.046)	-0.106 (0.055)	0.099 (0.069)	p = 0.031 (t = 2.315, R ² = 0.213)	-

δ band envelope mean value

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band envelope mean value, mean	817.567 (177.229)	766.892 (238.529)	896.394 (298.167)	p = 0.739 (t = 0.337, R ² = 0.079)	-
δ band envelope mean value, median	649.626 (158.168)	597.938 (212.685)	730.030 (265.863)	p = 0.704 (t = 0.386, R ² = 0.118)	-
δ band envelope mean value, STDEV	572.894 (108.275)	584.575 (146.089)	554.724 (182.615)	p = 0.900 (t = -0.127, R ² = 0.017)	-
δ band envelope mean value, IQR	625.791 (154.710)	648.681 (208.664)	590.184 (260.835)	p = 0.863 (t = -0.174, R ² = 0.005)	-
δ band envelope mean value, Theil-Sen slope	1218.090 (1028.495)	1549.197 (1383.154)	703.035 (1728.980)	p = 0.708 (t = -0.380, R ² = 0.041)	-
δ band envelope mean value, RMSE for Theil-Sen line of best fit	520.587 (86.289)	513.906 (116.448)	530.980 (145.563)	p = 0.928 (t = 0.091, R ² = 0.015)	-
δ band envelope mean value, Mann-Kendall τ value	0.040 (0.072)	-0.026 (0.094)	0.143 (0.118)	p = 0.280 (t = 1.109, R ² = 0.067)	-

δ band envelope standard deviation

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band envelope standard deviation, mean	1301.523 (286.009)	1115.409 (380.228)	1591.034 (475.296)	p = 0.446 (t = 0.778, R ² = 0.058)	-
δ band envelope standard deviation, median	867.634 (231.913)	743.107 (309.826)	1061.344 (387.292)	p = 0.530 (t = 0.639, R ² = 0.097)	-
δ band envelope standard deviation, STDEV	1373.444 (222.333)	1197.826 (293.408)	1646.627 (366.768)	p = 0.353 (t = 0.951, R ² = 0.048)	-
δ band envelope standard deviation, IQR	965.123 (215.064)	885.836 (288.893)	1088.457 (361.124)	p = 0.668 (t = 0.436, R ² = 0.010)	-
δ band envelope standard deviation, Theil-Sen slope	1569.148 (1161.156)	1889.531 (1563.091)	1070.774 (1953.906)	p = 0.748 (t = -0.326, R ² = 0.047)	-
δ band envelope standard deviation, RMSE for Theil-Sen line of best fit	1348.679 (212.967)	1139.603 (277.493)	1673.908 (346.874)	p = 0.245 (t = 1.197, R ² = 0.077)	-
δ band envelope standard deviation, Mann-Kendall τ value	0.033 (0.065)	-0.026 (0.086)	0.124 (0.107)	p = 0.290 (t = 1.086, R ² = 0.089)	-

δ band kurtosis

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band kurtosis, mean	8.479 (1.054)	8.291 (1.421)	8.772 (1.777)	p = 0.835 (t = 0.211, R² = 0.136)	-
δ band kurtosis, median	6.224 (0.772)	6.282 (1.042)	6.134 (1.302)	p = 0.931 (t = -0.088, R² = 0.078)	-
δ band kurtosis, STDEV	7.385 (1.196)	7.185 (1.613)	7.696 (2.016)	p = 0.846 (t = 0.197, R² = 0.171)	-
δ band kurtosis, IQR	4.940 (1.026)	4.526 (1.377)	5.584 (1.722)	p = 0.638 (t = 0.477, R² = 0.134)	-
δ band kurtosis, Theil-Sen slope	0.968 (0.456)	1.160 (0.611)	0.669 (0.764)	p = 0.623 (t = -0.500, R² = 0.031)	-
δ band kurtosis, RMSE for Theil-Sen line of best fit	7.641 (1.243)	7.342 (1.674)	8.107 (2.092)	p = 0.779 (t = 0.284, R² = 0.178)	-
δ band kurtosis, Mann-Kendall τ value	0.045 (0.038)	0.047 (0.052)	0.041 (0.064)	p = 0.943 (t = -0.072, R² = 0.015)	-

Mean δ band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Mean δ band power, mean	408.787 (88.615)	383.449 (119.265)	448.202 (149.085)	$p = 0.739$ ($t = 0.338$, $R^2 = 0.079$)	-
Mean δ band power, median	324.816 (79.084)	298.971 (106.343)	365.018 (132.932)	$p = 0.704$ ($t = 0.386$, $R^2 = 0.118$)	-
Mean δ band power, STDEV	286.448 (54.138)	292.289 (73.045)	277.363 (91.308)	$p = 0.900$ ($t = -0.127$, $R^2 = 0.017$)	-
Mean δ band power, IQR	312.896 (77.355)	324.343 (104.331)	295.089 (130.417)	$p = 0.863$ ($t = -0.174$, $R^2 = 0.005$)	-
Mean δ band power, Theil-Sen slope	609.044 (514.248)	774.597 (691.578)	351.518 (864.491)	$p = 0.708$ ($t = -0.380$, $R^2 = 0.041$)	-
Mean δ band power, RMSE for Theil-Sen line of best fit	260.295 (43.145)	256.954 (58.224)	265.492 (72.782)	$p = 0.928$ ($t = 0.091$, $R^2 = 0.015$)	-
Mean δ band power, Mann-Kendall τ value	0.040 (0.072)	-0.026 (0.094)	0.143 (0.118)	$p = 0.280$ ($t = 1.109$, $R^2 = 0.067$)	-

Standard deviation of δ band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Standard deviation of δ band power, mean	16.263 (2.069)	15.304 (2.772)	17.757 (3.465)	p = 0.588 (t = 0.550, R ² = 0.083)	-
Standard deviation of δ band power, median	14.979 (2.039)	14.048 (2.732)	16.427 (3.415)	p = 0.594 (t = 0.541, R ² = 0.103)	-
Standard deviation of δ band power, STDEV	5.913 (0.637)	5.886 (0.860)	5.954 (1.074)	p = 0.961 (t = 0.049, R ² = 0.001)	-
Standard deviation of δ band power, IQR	7.406 (1.115)	7.443 (1.504)	7.349 (1.881)	p = 0.969 (t = -0.039, R ² = 0.016)	-
Standard deviation of δ band power, Theil-Sen slope	10.070 (8.718)	12.894 (11.724)	5.676 (14.655)	p = 0.706 (t = -0.383, R ² = 0.040)	-
Standard deviation of δ band power, RMSE for Theil-Sen line of best fit	5.344 (0.478)	5.156 (0.642)	5.637 (0.802)	p = 0.646 (t = 0.466, R ² = 0.012)	-
Standard deviation of δ band power, Mann-Kendall τ value	0.040 (0.072)	-0.026 (0.094)	0.143 (0.118)	p = 0.280 (t = 1.110, R ² = 0.067)	-

δ band rEEG proportion between 0 and 10 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG proportion between 0 and 10 uv, mean	0.148 (0.049)	0.154 (0.067)	0.139 (0.083)	$p = 0.890$ ($t = -0.140$, $R^2 = 0.006$)	-
δ band rEEG proportion between 0 and 10 uv, median	0.131 (0.052)	0.132 (0.070)	0.130 (0.088)	$p = 0.992$ ($t = -0.010$, $R^2 = 0.004$)	-
δ band rEEG proportion between 0 and 10 uv, STDEV	0.090 (0.022)	0.106 (0.030)	0.064 (0.037)	$p = 0.385$ ($t = -0.888$, $R^2 = 0.192$)	-
δ band rEEG proportion between 0 and 10 uv, IQR	0.129 (0.040)	0.152 (0.053)	0.093 (0.066)	$p = 0.496$ ($t = -0.694$, $R^2 = 0.200$)	-
δ band rEEG proportion between 0 and 10 uv, Theil-Sen slope	0.040 (0.043)	0.084 (0.056)	-0.029 (0.070)	$p = 0.224$ ($t = -1.256$, $R^2 = 0.217$)	-
δ band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit	0.089 (0.022)	0.106 (0.029)	0.062 (0.036)	$p = 0.347$ ($t = -0.963$, $R^2 = 0.199$)	-
δ band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value	-0.021 (0.049)	0.036 (0.064)	-0.109 (0.079)	$p = 0.173$ ($t = -1.415$, $R^2 = 0.112$)	-

δ band rEEG proportion between 10 and 25 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG proportion between 10 and 25 uv, mean	0.224 (0.043)	0.264 (0.057)	0.162 (0.071)	$p = 0.282$ ($t = -1.107$, $R^2 = 0.181$)	-
δ band rEEG proportion between 10 and 25 uv, median	0.220 (0.044)	0.258 (0.058)	0.162 (0.073)	$p = 0.318$ ($t = -1.023$, $R^2 = 0.184$)	-
δ band rEEG proportion between 10 and 25 uv, STDEV	0.097 (0.015)	0.102 (0.020)	0.088 (0.025)	$p = 0.681$ ($t = -0.417$, $R^2 = 0.147$)	-
δ band rEEG proportion between 10 and 25 uv, IQR	0.131 (0.025)	0.141 (0.033)	0.116 (0.041)	$p = 0.642$ ($t = -0.472$, $R^2 = 0.154$)	-
δ band rEEG proportion between 10 and 25 uv, Theil-Sen slope	-0.092 (0.059)	-0.134 (0.079)	-0.026 (0.098)	$p = 0.403$ ($t = 0.854$, $R^2 = 0.079$)	-
δ band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit	0.090 (0.014)	0.096 (0.018)	0.079 (0.023)	$p = 0.567$ ($t = -0.583$, $R^2 = 0.123$)	-
δ band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value	-0.023 (0.049)	-0.037 (0.066)	-7.796e-04 (0.083)	$p = 0.739$ ($t = 0.338$, $R^2 = 0.272$)	-

δ band rEEG proportion between 25 and 50 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG proportion between 25 and 50 uv, mean	0.251 (0.034)	0.250 (0.046)	0.252 (0.058)	p = 0.975 (t = 0.032, R ² = 0.010)	-
δ band rEEG proportion between 25 and 50 uv, median	0.238 (0.042)	0.237 (0.057)	0.241 (0.072)	p = 0.968 (t = 0.041, R ² = 0.010)	-
δ band rEEG proportion between 25 and 50 uv, STDEV	0.155 (0.011)	0.152 (0.015)	0.159 (0.019)	p = 0.795 (t = 0.264, R ² = 0.023)	-
δ band rEEG proportion between 25 and 50 uv, IQR	0.217 (0.021)	0.214 (0.028)	0.220 (0.035)	p = 0.899 (t = 0.129, R ² = 0.146)	-
δ band rEEG proportion between 25 and 50 uv, Theil-Sen slope	-0.046 (0.109)	-0.071 (0.147)	-0.007 (0.184)	p = 0.787 (t = 0.274, R ² = 0.005)	-
δ band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit	0.141 (0.012)	0.136 (0.015)	0.147 (0.019)	p = 0.677 (t = 0.423, R ² = 0.029)	-
δ band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value	0.017 (0.080)	-0.028 (0.106)	0.088 (0.133)	p = 0.505 (t = 0.679, R ² = 0.034)	-

δ band rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG proportion between 50 and 100 uv, mean	0.259 (0.045)	0.216 (0.058)	0.327 (0.073)	p = 0.248 (t = 1.191, R ² = 0.159)	-
δ band rEEG proportion between 50 and 100 uv, median	0.246 (0.050)	0.204 (0.066)	0.311 (0.083)	p = 0.327 (t = 1.004, R ² = 0.131)	-
δ band rEEG proportion between 50 and 100 uv, STDEV	0.133 (0.015)	0.130 (0.020)	0.137 (0.025)	p = 0.836 (t = 0.210, R ² = 0.081)	-
δ band rEEG proportion between 50 and 100 uv, IQR	0.160 (0.024)	0.146 (0.032)	0.181 (0.041)	p = 0.509 (t = 0.672, R ² = 0.029)	-
δ band rEEG proportion between 50 and 100 uv, Theil-Sen slope	-0.187 (0.171)	-0.259 (0.229)	-0.074 (0.286)	p = 0.621 (t = 0.502, R ² = 0.066)	-
δ band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.128 (0.014)	0.125 (0.019)	0.134 (0.024)	p = 0.762 (t = 0.307, R ² = 0.099)	-
δ band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	-0.028 (0.059)	-0.038 (0.079)	-0.011 (0.099)	p = 0.835 (t = 0.211, R ² = 0.142)	-

δ band rEEG proportion over 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ band rEEG proportion over 100 uv, mean	0.118 (0.032)	0.117 (0.043)	0.119 (0.054)	p = 0.970 (t = 0.038, R ² = 0.073)	-
δ band rEEG proportion over 100 uv, median	0.088 (0.034)	0.087 (0.046)	0.088 (0.057)	p = 0.988 (t = 0.015, R ² = 0.106)	-
δ band rEEG proportion over 100 uv, STDEV	0.111 (0.024)	0.116 (0.032)	0.105 (0.040)	p = 0.838 (t = -0.207, R ² = 0.031)	-
δ band rEEG proportion over 100 uv, IQR	0.155 (0.044)	0.162 (0.059)	0.144 (0.074)	p = 0.846 (t = -0.196, R ² = 0.010)	-
δ band rEEG proportion over 100 uv, Theil-Sen slope	0.264 (0.245)	0.362 (0.329)	0.111 (0.411)	p = 0.641 (t = -0.474, R ² = 0.045)	-
δ band rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	0.102 (0.019)	0.102 (0.026)	0.103 (0.033)	p = 0.966 (t = 0.044, R ² = 0.026)	-
δ band rEEG proportion over 100 uv, Mann-Kendall τ value	0.036 (0.058)	0.011 (0.078)	0.076 (0.098)	p = 0.606 (t = 0.524, R ² = 0.074)	-

δ skew

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
δ skew, mean	0.340 (0.040)	0.322 (0.054)	0.367 (0.067)	p = 0.609 (t = 0.519, R² = 0.171)	-
δ skew, median	0.206 (0.023)	0.195 (0.031)	0.222 (0.038)	p = 0.589 (t = 0.549, R² = 0.071)	-
δ skew, STDEV	0.445 (0.062)	0.424 (0.083)	0.478 (0.104)	p = 0.686 (t = 0.410, R² = 0.185)	-
δ skew, IQR	0.317 (0.041)	0.302 (0.055)	0.342 (0.069)	p = 0.656 (t = 0.452, R² = 0.122)	-
δ skew, Theil-Sen slope	0.080 (0.040)	0.102 (0.054)	0.045 (0.067)	p = 0.513 (t = -0.665, R² = 0.027)	-
δ skew, RMSE for Theil-Sen line of best fit	0.460 (0.065)	0.436 (0.088)	0.497 (0.109)	p = 0.665 (t = 0.439, R² = 0.189)	-
δ skew, Mann-Kendall τ value	0.045 (0.028)	0.070 (0.037)	0.007 (0.046)	p = 0.302 (t = -1.059, R² = 0.075)	-

Edge frequency (at 95%)

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Edge frequency (at 95%), mean	8.455 (0.623)	9.216 (0.795)	7.271 (0.994)	p = 0.144 (t = -1.520, R ² = 0.116)	-
Edge frequency (at 95%), median	8.239 (0.568)	8.832 (0.737)	7.316 (0.921)	p = 0.216 (t = -1.278, R ² = 0.087)	-
Edge frequency (at 95%), STDEV	2.544 (0.270)	2.871 (0.345)	2.035 (0.431)	p = 0.147 (t = -1.508, R ² = 0.103)	-
Edge frequency (at 95%), IQR	3.446 (0.456)	3.751 (0.606)	2.970 (0.758)	p = 0.433 (t = -0.801, R ² = 0.031)	-
Edge frequency (at 95%), Theil-Sen slope	-2.178 (2.097)	-2.790 (2.822)	-1.226 (3.528)	p = 0.734 (t = 0.344, R ² = 0.075)	-
Edge frequency (at 95%), RMSE for Theil-Sen line of best fit	2.386 (0.263)	2.737 (0.332)	1.841 (0.415)	p = 0.109 (t = -1.677, R ² = 0.126)	-
Edge frequency (at 95%), Mann-Kendall τ value	-0.060 (0.052)	-0.012 (0.067)	-0.136 (0.084)	p = 0.264 (t = -1.149, R ² = 0.329)	-

Full-spectrum rEEG signal

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG signal, mean	53.923 (7.097)	51.525 (9.541)	57.652 (11.926)	p = 0.694 (t = 0.399, R ² = 0.084)	-
Full-spectrum rEEG signal, median	46.270 (6.625)	44.020 (8.906)	49.771 (11.132)	p = 0.692 (t = 0.401, R ² = 0.111)	-
Full-spectrum rEEG signal, STDEV	31.208 (3.045)	30.018 (4.088)	33.059 (5.110)	p = 0.649 (t = 0.462, R ² = 0.016)	-
Full-spectrum rEEG signal, IQR	28.347 (3.334)	28.639 (4.499)	27.891 (5.624)	p = 0.919 (t = -0.103, R ² = 0.017)	-
Full-spectrum rEEG signal, Theil-Sen slope	3.285 (7.164)	-4.180 (9.291)	14.897 (11.614)	p = 0.216 (t = 1.276, R ² = 0.097)	-
Full-spectrum rEEG signal, RMSE for Theil-Sen line of best fit	30.844 (2.919)	29.453 (3.908)	33.008 (4.885)	p = 0.578 (t = 0.565, R ² = 0.017)	-
Full-spectrum rEEG signal, Mann-Kendall τ value	-0.022 (0.048)	-0.096 (0.058)	0.093 (0.073)	p = 0.058 (t = 2.011, R ² = 0.169)	-

Full-spectrum higuchi fractal dimension

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum higuchi fractal dimension, mean	1.210 (0.013)	1.224 (0.017)	1.190 (0.021)	p = 0.228 (t = -1.245, R ² = 0.142)	-
Full-spectrum higuchi fractal dimension, median	1.200 (0.012)	1.212 (0.016)	1.182 (0.020)	p = 0.264 (t = -1.149, R ² = 0.120)	-
Full-spectrum higuchi fractal dimension, STDEV	0.044 (0.006)	0.048 (0.008)	0.037 (0.010)	p = 0.421 (t = -0.822, R ² = 0.043)	-
Full-spectrum higuchi fractal dimension, IQR	0.061 (0.010)	0.067 (0.014)	0.053 (0.017)	p = 0.546 (t = -0.615, R ² = 0.021)	-
Full-spectrum higuchi fractal dimension, Theil-Sen slope	-0.017 (0.036)	-0.047 (0.048)	0.031 (0.060)	p = 0.326 (t = 1.007, R ² = 0.067)	-
Full-spectrum higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.040 (0.006)	0.045 (0.008)	0.033 (0.009)	p = 0.369 (t = -0.919, R ² = 0.048)	-
Full-spectrum higuchi fractal dimension, Mann-Kendall τ value	-0.113 (0.070)	-0.108 (0.094)	-0.120 (0.118)	p = 0.933 (t = -0.085, R ² = 0.006)	-

Area under the curve for multiscale entropy

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Area under the curve for multiscale entropy, mean	71.887 (0.293)	72.254 (0.373)	71.316 (0.467)	p = 0.134 (t = -1.561, R ² = 0.145)	-
Area under the curve for multiscale entropy, median	72.223 (0.239)	72.607 (0.292)	71.626 (0.365)	p = 0.049 (t = -2.091, R ² = 0.208)	-
Area under the curve for multiscale entropy, STDEV	1.493 (0.169)	1.461 (0.228)	1.543 (0.285)	p = 0.825 (t = 0.224, R ² = 0.058)	-
Area under the curve for multiscale entropy, IQR	1.745 (0.260)	1.504 (0.340)	2.120 (0.425)	p = 0.273 (t = 1.127, R ² = 0.063)	-
Area under the curve for multiscale entropy, Theil-Sen slope	-1.719 (1.042)	-2.136 (1.398)	-1.071 (1.748)	p = 0.641 (t = 0.474, R ² = 0.106)	-
Area under the curve for multiscale entropy, RMSE for Theil-Sen line of best fit	1.399 (0.152)	1.382 (0.206)	1.425 (0.257)	p = 0.898 (t = 0.130, R ² = 0.066)	-
Area under the curve for multiscale entropy, Mann-Kendall τ value	-0.076 (0.051)	-0.079 (0.068)	-0.072 (0.085)	p = 0.951 (t = 0.063, R ² = 0.101)	-

Multiscale entropy max value

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Multiscale entropy max value, mean	3.967 (0.016)	3.984 (0.020)	3.939 (0.025)	p = 0.183 (t = -1.378, R ² = 0.178)	-
Multiscale entropy max value, median	3.947 (0.017)	3.961 (0.022)	3.925 (0.028)	p = 0.315 (t = -1.030, R ² = 0.114)	-
Multiscale entropy max value, STDEV	0.153 (0.008)	0.159 (0.010)	0.145 (0.013)	p = 0.423 (t = -0.818, R ² = 0.114)	-
Multiscale entropy max value, IQR	0.205 (0.015)	0.213 (0.021)	0.191 (0.026)	p = 0.512 (t = -0.667, R ² = 0.083)	-
Multiscale entropy max value, Theil-Sen slope	-0.077 (0.035)	-0.127 (0.044)	-7.475e-04 (0.055)	p = 0.089 (t = 1.788, R ² = 0.146)	-
Multiscale entropy max value, RMSE for Theil-Sen line of best fit	0.151 (0.008)	0.157 (0.011)	0.143 (0.014)	p = 0.441 (t = -0.786, R ² = 0.096)	-
Multiscale entropy max value, Mann-Kendall τ value	-0.071 (0.030)	-0.089 (0.039)	-0.043 (0.049)	p = 0.474 (t = 0.729, R ² = 0.044)	-

Multiscale entropy slope for coarse values

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Multiscale entropy slope for coarse values, mean	-0.002 (9.204e-04)	-0.002 (0.001)	-0.003 (0.002)	p = 0.674 (t = -0.427, R ² = 0.108)	-
Multiscale entropy slope for coarse values, median	-0.002 (9.229e-04)	-0.002 (0.001)	-0.003 (0.002)	p = 0.572 (t = -0.574, R ² = 0.119)	-
Multiscale entropy slope for coarse values, STDEV	0.008 (8.039e-04)	0.007 (0.001)	0.009 (0.001)	p = 0.294 (t = 1.078, R ² = 0.139)	-
Multiscale entropy slope for coarse values, IQR	0.007 (6.780e-04)	0.006 (8.695e-04)	0.008 (0.001)	p = 0.161 (t = 1.454, R ² = 0.104)	-
Multiscale entropy slope for coarse values, Theil-Sen slope	0.002 (0.003)	0.001 (0.003)	0.004 (0.004)	p = 0.647 (t = 0.464, R ² = 0.021)	-
Multiscale entropy slope for coarse values, RMSE for Theil-Sen line of best fit	0.008 (7.649e-04)	0.007 (0.001)	0.009 (0.001)	p = 0.351 (t = 0.955, R ² = 0.141)	-
Multiscale entropy slope for coarse values, Mann-Kendall τ value	0.060 (0.033)	-0.006 (0.037)	0.163 (0.046)	p = 0.010 (t = 2.835, R ² = 0.287)	-

Multiscale entropy slope for fine values

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Multiscale entropy slope for fine values, mean	0.126 (0.022)	0.105 (0.028)	0.159 (0.035)	p = 0.245 (t = 1.197, R ² = 0.133)	-
Multiscale entropy slope for fine values, median	0.140 (0.027)	0.113 (0.035)	0.182 (0.044)	p = 0.238 (t = 1.217, R ² = 0.119)	-
Multiscale entropy slope for fine values, STDEV	0.127 (0.005)	0.129 (0.007)	0.125 (0.009)	p = 0.774 (t = -0.292, R ² = 0.035)	-
Multiscale entropy slope for fine values, IQR	0.191 (0.013)	0.186 (0.017)	0.198 (0.022)	p = 0.672 (t = 0.430, R ² = 0.021)	-
Multiscale entropy slope for fine values, Theil-Sen slope	-0.014 (0.028)	0.019 (0.036)	-0.063 (0.045)	p = 0.175 (t = -1.408, R ² = 0.119)	-
Multiscale entropy slope for fine values, RMSE for Theil-Sen line of best fit	0.125 (0.005)	0.126 (0.007)	0.124 (0.009)	p = 0.880 (t = -0.153, R ² = 0.044)	-
Multiscale entropy slope for fine values, Mann-Kendall τ value	-0.005 (0.044)	0.068 (0.054)	-0.120 (0.067)	p = 0.042 (t = -2.167, R ² = 0.274)	-

Full-spectrum rEEG proportion between 0 and 10 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG proportion between 0 and 10 uv, mean	0.129 (0.048)	0.125 (0.065)	0.134 (0.081)	p = 0.934 (t = 0.083, R ² = 0.002)	-
Full-spectrum rEEG proportion between 0 and 10 uv, median	0.108 (0.050)	0.095 (0.067)	0.128 (0.084)	p = 0.766 (t = 0.302, R ² = 0.014)	-
Full-spectrum rEEG proportion between 0 and 10 uv, STDEV	0.083 (0.022)	0.096 (0.030)	0.063 (0.037)	p = 0.496 (t = -0.694, R ² = 0.174)	-
Full-spectrum rEEG proportion between 0 and 10 uv, IQR	0.119 (0.039)	0.137 (0.052)	0.092 (0.065)	p = 0.601 (t = -0.531, R ² = 0.184)	-
Full-spectrum rEEG proportion between 0 and 10 uv, Theil-Sen slope	0.026 (0.038)	0.064 (0.050)	-0.034 (0.062)	p = 0.229 (t = -1.240, R ² = 0.190)	-
Full-spectrum rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit	0.084 (0.023)	0.099 (0.030)	0.060 (0.038)	p = 0.428 (t = -0.809, R ² = 0.188)	-
Full-spectrum rEEG proportion between 0 and 10 uv, Mann-Kendall τ value	-0.005 (0.046)	0.061 (0.058)	-0.106 (0.072)	p = 0.087 (t = -1.801, R ² = 0.170)	-

Full-spectrum rEEG proportion between 10 and 25 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG proportion between 10 and 25 uv, mean	0.216 (0.045)	0.262 (0.059)	0.144 (0.074)	p = 0.232 (t = -1.232, R ² = 0.187)	-
Full-spectrum rEEG proportion between 10 and 25 uv, median	0.216 (0.047)	0.263 (0.061)	0.143 (0.077)	p = 0.239 (t = -1.214, R ² = 0.186)	-
Full-spectrum rEEG proportion between 10 and 25 uv, STDEV	0.093 (0.017)	0.103 (0.022)	0.078 (0.028)	p = 0.500 (t = -0.686, R ² = 0.144)	-
Full-spectrum rEEG proportion between 10 and 25 uv, IQR	0.135 (0.026)	0.149 (0.035)	0.113 (0.044)	p = 0.520 (t = -0.654, R ² = 0.108)	-
Full-spectrum rEEG proportion between 10 and 25 uv, Theil-Sen slope	-0.109 (0.082)	-0.160 (0.109)	-0.029 (0.137)	p = 0.467 (t = 0.742, R ² = 0.039)	-
Full-spectrum rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit	0.085 (0.015)	0.096 (0.020)	0.068 (0.025)	p = 0.398 (t = -0.863, R ² = 0.134)	-
Full-spectrum rEEG proportion between 10 and 25 uv, Mann-Kendall τ value	-0.043 (0.049)	-0.076 (0.066)	0.008 (0.082)	p = 0.436 (t = 0.795, R ² = 0.270)	-

Full-spectrum rEEG proportion between 25 and 50 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG proportion between 25 and 50 uv, mean	0.228 (0.038)	0.231 (0.052)	0.224 (0.065)	p = 0.928 (t = -0.092, R ² = 0.030)	-
Full-spectrum rEEG proportion between 25 and 50 uv, median	0.219 (0.044)	0.219 (0.059)	0.219 (0.074)	p = 0.999 (t = 0.001, R ² = 0.026)	-
Full-spectrum rEEG proportion between 25 and 50 uv, STDEV	0.133 (0.014)	0.133 (0.019)	0.133 (0.024)	p = 0.995 (t = -0.006, R ² = 0.183)	-
Full-spectrum rEEG proportion between 25 and 50 uv, IQR	0.178 (0.024)	0.167 (0.032)	0.194 (0.040)	p = 0.599 (t = 0.534, R ² = 0.290)	-
Full-spectrum rEEG proportion between 25 and 50 uv, Theil-Sen slope	0.035 (0.085)	0.046 (0.114)	0.017 (0.143)	p = 0.876 (t = -0.158, R ² = 0.046)	-
Full-spectrum rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit	0.121 (0.014)	0.118 (0.019)	0.125 (0.024)	p = 0.821 (t = 0.230, R ² = 0.055)	-
Full-spectrum rEEG proportion between 25 and 50 uv, Mann-Kendall τ value	0.032 (0.078)	-0.015 (0.105)	0.104 (0.131)	p = 0.491 (t = 0.702, R ² = 0.027)	-

Full-spectrum rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG proportion between 50 and 100 uv, mean	0.293 (0.049)	0.248 (0.065)	0.363 (0.081)	p = 0.280 (t = 1.111, R ² = 0.139)	-
Full-spectrum rEEG proportion between 50 and 100 uv, median	0.278 (0.055)	0.234 (0.073)	0.348 (0.091)	p = 0.342 (t = 0.974, R ² = 0.117)	-
Full-spectrum rEEG proportion between 50 and 100 uv, STDEV	0.153 (0.019)	0.161 (0.025)	0.139 (0.031)	p = 0.596 (t = -0.539, R ² = 0.065)	-
Full-spectrum rEEG proportion between 50 and 100 uv, IQR	0.205 (0.033)	0.214 (0.045)	0.190 (0.056)	p = 0.743 (t = -0.333, R ² = 0.018)	-
Full-spectrum rEEG proportion between 50 and 100 uv, Theil-Sen slope	-0.288 (0.284)	-0.424 (0.380)	-0.076 (0.475)	p = 0.575 (t = 0.570, R ² = 0.059)	-
Full-spectrum rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.139 (0.015)	0.143 (0.021)	0.131 (0.026)	p = 0.721 (t = -0.363, R ² = 0.076)	-
Full-spectrum rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	-0.027 (0.070)	-0.036 (0.094)	-0.011 (0.118)	p = 0.869 (t = 0.167, R ² = 0.130)	-

Full-spectrum rEEG proportion over 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Full-spectrum rEEG proportion over 100 uv, mean	0.134 (0.036)	0.134 (0.049)	0.135 (0.061)	p = 0.992 (t = 0.010, R ² = 0.080)	-
Full-spectrum rEEG proportion over 100 uv, median	0.101 (0.039)	0.100 (0.052)	0.103 (0.065)	p = 0.969 (t = 0.039, R ² = 0.111)	-
Full-spectrum rEEG proportion over 100 uv, STDEV	0.118 (0.025)	0.123 (0.033)	0.109 (0.041)	p = 0.797 (t = -0.261, R ² = 0.033)	-
Full-spectrum rEEG proportion over 100 uv, IQR	0.159 (0.044)	0.167 (0.060)	0.148 (0.075)	p = 0.851 (t = -0.190, R ² = 0.010)	-
Full-spectrum rEEG proportion over 100 uv, Theil-Sen slope	0.309 (0.291)	0.443 (0.390)	0.102 (0.488)	p = 0.593 (t = -0.544, R ² = 0.045)	-
Full-spectrum rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	0.108 (0.020)	0.110 (0.027)	0.106 (0.034)	p = 0.943 (t = -0.073, R ² = 0.027)	-
Full-spectrum rEEG proportion over 100 uv, Mann-Kendall τ value	0.032 (0.062)	-0.001 (0.083)	0.084 (0.103)	p = 0.528 (t = 0.643, R ² = 0.059)	-

θ-δ ratio

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ-δ ratio, mean	0.108 (0.010)	0.125 (0.012)	0.081 (0.015)	p = 0.029 (t = -2.346, R² = 0.293)	-
θ-δ ratio, median	0.101 (0.010)	0.118 (0.011)	0.075 (0.014)	p = 0.028 (t = -2.368, R² = 0.260)	-
θ-δ ratio, STDEV	0.055 (0.006)	0.064 (0.007)	0.040 (0.008)	p = 0.036 (t = -2.252, R² = 0.421)	-
θ-δ ratio, IQR	0.066 (0.007)	0.075 (0.009)	0.054 (0.011)	p = 0.141 (t = -1.531, R² = 0.240)	-
θ-δ ratio, Theil-Sen slope	-0.007 (0.041)	-0.002 (0.055)	-0.016 (0.069)	p = 0.875 (t = -0.160, R² = 0.016)	-
θ-δ ratio, RMSE for Theil-Sen line of best fit	0.051 (0.006)	0.059 (0.007)	0.038 (0.009)	p = 0.075 (t = -1.879, R² = 0.375)	-
θ-δ ratio, Mann-Kendall τ value	-0.042 (0.064)	-0.009 (0.085)	-0.093 (0.107)	p = 0.549 (t = -0.610, R² = 0.147)	-

Absolute θ power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Absolute θ power, mean	23.184 (3.562)	23.759 (4.804)	22.288 (6.005)	p = 0.851 (t = -0.190, R ² = 0.025)	-
Absolute θ power, median	20.151 (3.477)	20.041 (4.693)	20.322 (5.866)	p = 0.971 (t = 0.037, R ² = 0.075)	-
Absolute θ power, STDEV	12.624 (1.990)	14.537 (2.596)	9.647 (3.245)	p = 0.255 (t = -1.171, R ² = 0.140)	-
Absolute θ power, IQR	12.573 (1.665)	14.166 (2.174)	10.096 (2.717)	p = 0.258 (t = -1.164, R ² = 0.103)	-
Absolute θ power, Theil-Sen slope	11.846 (13.652)	22.767 (18.006)	-5.143 (22.508)	p = 0.347 (t = -0.964, R ² = 0.050)	-
Absolute θ power, RMSE for Theil-Sen line of best fit	11.191 (1.928)	12.632 (2.551)	8.951 (3.189)	p = 0.380 (t = -0.897, R ² = 0.137)	-
Absolute θ power, Mann-Kendall τ value	-0.037 (0.086)	-0.039 (0.116)	-0.035 (0.144)	p = 0.981 (t = 0.024, R ² = 0.024)	-

Relative θ power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Relative θ power, mean	0.083 (0.006)	0.094 (0.008)	0.065 (0.010)	p = 0.029 (t = -2.355, R ² = 0.286)	-
Relative θ power, median	0.082 (0.007)	0.094 (0.008)	0.063 (0.010)	p = 0.028 (t = -2.363, R ² = 0.264)	-
Relative θ power, STDEV	0.034 (0.002)	0.038 (0.003)	0.028 (0.004)	p = 0.058 (t = -2.011, R ² = 0.386)	-
Relative θ power, IQR	0.044 (0.004)	0.047 (0.005)	0.039 (0.006)	p = 0.356 (t = -0.946, R ² = 0.196)	-
Relative θ power, Theil-Sen slope	-0.006 (0.028)	0.002 (0.038)	-0.019 (0.047)	p = 0.739 (t = -0.338, R ² = 0.020)	-
Relative θ power, RMSE for Theil-Sen line of best fit	0.031 (0.002)	0.034 (0.003)	0.026 (0.004)	p = 0.136 (t = -1.553, R ² = 0.337)	-
Relative θ power, Mann-Kendall τ value	-0.058 (0.061)	-0.023 (0.082)	-0.114 (0.102)	p = 0.497 (t = -0.692, R ² = 0.179)	-

θ band higuchi fractal dimension

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band higuchi fractal dimension, mean	1.051 (3.869e-04)	1.051 (5.201e-04)	1.052 (6.502e-04)	p = 0.690 (t = 0.405, R² = 0.168)	-
θ band higuchi fractal dimension, median	1.051 (3.346e-04)	1.051 (4.499e-04)	1.052 (5.624e-04)	p = 0.703 (t = 0.386, R² = 0.098)	-
θ band higuchi fractal dimension, STDEV	0.002 (1.876e-04)	0.002 (2.480e-04)	0.002 (3.100e-04)	p = 0.372 (t = -0.913, R² = 0.134)	-
θ band higuchi fractal dimension, IQR	0.003 (2.765e-04)	0.003 (3.713e-04)	0.003 (4.641e-04)	p = 0.662 (t = -0.443, R² = 0.184)	-
θ band higuchi fractal dimension, Theil-Sen slope	-0.003 (0.002)	-0.004 (0.003)	-0.002 (0.003)	p = 0.650 (t = 0.461, R² = 0.027)	-
θ band higuchi fractal dimension, RMSE for Theil-Sen line of best fit	0.002 (1.740e-04)	0.002 (2.324e-04)	0.002 (2.905e-04)	p = 0.524 (t = -0.648, R² = 0.112)	-
θ band higuchi fractal dimension, Mann-Kendall τ value	-0.026 (0.053)	0.019 (0.070)	-0.097 (0.087)	p = 0.313 (t = -1.034, R² = 0.143)	-

θ band shannon entropy

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band shannon entropy, mean	0.941 (0.006)	0.940 (0.008)	0.943 (0.010)	p = 0.848 (t = 0.195, R² = 0.189)	-
θ band shannon entropy, median	0.950 (0.005)	0.950 (0.007)	0.950 (0.009)	p = 0.991 (t = 0.012, R² = 0.124)	-
θ band shannon entropy, STDEV	0.034 (0.004)	0.035 (0.005)	0.034 (0.007)	p = 0.896 (t = -0.132, R² = 0.247)	-
θ band shannon entropy, IQR	0.041 (0.005)	0.039 (0.006)	0.042 (0.008)	p = 0.772 (t = 0.293, R² = 0.271)	-
θ band shannon entropy, Theil-Sen slope	-0.034 (0.016)	-0.033 (0.021)	-0.036 (0.026)	p = 0.929 (t = -0.090, R² = 0.007)	-
θ band shannon entropy, RMSE for Theil-Sen line of best fit	0.033 (0.004)	0.033 (0.005)	0.032 (0.006)	p = 0.911 (t = -0.113, R² = 0.247)	-
θ band shannon entropy, Mann-Kendall τ value	-0.071 (0.047)	0.009 (0.057)	-0.195 (0.071)	p = 0.037 (t = -2.234, R² = 0.275)	-

θ band spectral difference

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band spectral difference, mean	0.007 (0.001)	0.007 (0.002)	0.008 (0.002)	p = 0.660 (t = 0.447, R² = 0.147)	-
θ band spectral difference, median	0.006 (0.001)	0.005 (0.002)	0.007 (0.002)	p = 0.587 (t = 0.551, R² = 0.116)	-
θ band spectral difference, STDEV	0.006 (7.031e-04)	0.006 (9.440e-04)	0.006 (0.001)	p = 0.651 (t = 0.459, R² = 0.221)	-
θ band spectral difference, IQR	0.006 (0.001)	0.005 (0.001)	0.008 (0.002)	p = 0.263 (t = 1.152, R² = 0.220)	-
θ band spectral difference, Theil-Sen slope	0.003 (0.004)	0.008 (0.005)	-0.005 (0.006)	p = 0.102 (t = -1.716, R² = 0.140)	-
θ band spectral difference, RMSE for Theil-Sen line of best fit	0.006 (6.716e-04)	0.006 (9.041e-04)	0.006 (0.001)	p = 0.749 (t = 0.324, R² = 0.221)	-
θ band spectral difference, Mann-Kendall τ value	0.007 (0.042)	0.071 (0.051)	-0.093 (0.064)	p = 0.062 (t = -1.980, R² = 0.192)	-

θ band rEEG

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band rEEG, mean	12.172 (1.261)	12.125 (1.702)	12.246 (2.128)	p = 0.965 (t = 0.044, R² = 0.027)	-
θ band rEEG, median	10.481 (1.263)	10.224 (1.703)	10.879 (2.129)	p = 0.813 (t = 0.239, R² = 0.069)	-
θ band rEEG, STDEV	7.456 (0.654)	8.028 (0.859)	6.568 (1.073)	p = 0.303 (t = -1.057, R² = 0.239)	-
θ band rEEG, IQR	6.584 (0.544)	7.096 (0.711)	5.787 (0.888)	p = 0.266 (t = -1.145, R² = 0.082)	-
θ band rEEG, Theil-Sen slope	1.110 (1.948)	2.378 (2.590)	-0.861 (3.237)	p = 0.446 (t = -0.777, R² = 0.031)	-
θ band rEEG, RMSE for Theil-Sen line of best fit	7.408 (0.674)	7.988 (0.886)	6.505 (1.107)	p = 0.310 (t = -1.041, R² = 0.231)	-
θ band rEEG, Mann-Kendall τ value	-0.033 (0.046)	-0.053 (0.062)	-9.501e-04 (0.077)	p = 0.605 (t = 0.525, R² = 0.043)	-

θ band envelope mean value

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band envelope mean value, mean	41.131 (6.292)	42.088 (8.486)	39.643 (10.608)	$p = 0.860$ ($t = -0.179$, $R^2 = 0.024$)	-
θ band envelope mean value, median	35.778 (6.110)	35.514 (8.247)	36.190 (10.309)	$p = 0.960$ ($t = 0.051$, $R^2 = 0.072$)	-
θ band envelope mean value, STDEV	22.367 (3.496)	25.620 (4.572)	17.306 (5.715)	$p = 0.272$ ($t = -1.131$, $R^2 = 0.136$)	-
θ band envelope mean value, IQR	22.247 (2.946)	25.099 (3.843)	17.810 (4.803)	$p = 0.252$ ($t = -1.179$, $R^2 = 0.103$)	-
θ band envelope mean value, Theil-Sen slope	20.274 (23.551)	39.318 (31.046)	-9.349 (38.808)	$p = 0.341$ ($t = -0.974$, $R^2 = 0.051$)	-
θ band envelope mean value, RMSE for Theil-Sen line of best fit	19.787 (3.380)	22.176 (4.481)	16.070 (5.601)	$p = 0.407$ ($t = -0.847$, $R^2 = 0.131$)	-
θ band envelope mean value, Mann-Kendall τ value	-0.036 (0.086)	-0.039 (0.116)	-0.032 (0.145)	$p = 0.972$ ($t = 0.035$, $R^2 = 0.023$)	-

θ band envelope standard deviation

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band envelope standard deviation, mean	73.380 (9.333)	75.928 (12.564)	69.416 (15.706)	p = 0.751 (t = -0.322, R ² = 0.011)	-
θ band envelope standard deviation, median	51.878 (7.156)	54.195 (9.623)	48.275 (12.029)	p = 0.706 (t = -0.382, R ² = 0.038)	-
θ band envelope standard deviation, STDEV	71.743 (11.349)	76.642 (15.217)	64.124 (19.022)	p = 0.615 (t = -0.511, R ² = 0.107)	-
θ band envelope standard deviation, IQR	50.900 (7.851)	55.400 (10.473)	43.900 (13.091)	p = 0.503 (t = -0.683, R ² = 0.149)	-
θ band envelope standard deviation, Theil-Sen slope	17.487 (22.408)	33.698 (29.682)	-7.729 (37.103)	p = 0.396 (t = -0.868, R ² = 0.038)	-
θ band envelope standard deviation, RMSE for Theil-Sen line of best fit	71.537 (12.058)	75.270 (16.220)	65.730 (20.276)	p = 0.719 (t = -0.366, R ² = 0.104)	-
θ band envelope standard deviation, Mann-Kendall τ value	-0.028 (0.075)	-0.047 (0.102)	0.001 (0.127)	p = 0.772 (t = 0.294, R ² = 0.017)	-

θ band kurtosis

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band kurtosis, mean	10.584 (1.422)	10.642 (1.920)	10.494 (2.400)	p = 0.962 (t = -0.048, R² = 0.165)	-
θ band kurtosis, median	7.125 (0.787)	7.211 (1.062)	6.993 (1.327)	p = 0.900 (t = -0.128, R² = 0.109)	-
θ band kurtosis, STDEV	10.628 (1.711)	10.542 (2.310)	10.763 (2.887)	p = 0.953 (t = 0.059, R² = 0.252)	-
θ band kurtosis, IQR	6.441 (1.461)	6.897 (1.965)	5.732 (2.457)	p = 0.716 (t = -0.369, R² = 0.065)	-
θ band kurtosis, Theil-Sen slope	-0.319 (0.615)	-0.733 (0.816)	0.325 (1.020)	p = 0.430 (t = 0.806, R² = 0.031)	-
θ band kurtosis, RMSE for Theil-Sen line of best fit	11.129 (1.838)	11.040 (2.481)	11.267 (3.101)	p = 0.955 (t = 0.057, R² = 0.248)	-
θ band kurtosis, Mann-Kendall τ value	-0.014 (0.042)	-0.041 (0.056)	0.029 (0.070)	p = 0.444 (t = 0.781, R² = 0.034)	-

Mean θ band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Mean θ band power, mean	20.566 (3.146)	21.044 (4.243)	19.822 (5.304)	$p = 0.860$ ($t = -0.179$, $R^2 = 0.024$)	-
Mean θ band power, median	17.889 (3.055)	17.757 (4.123)	18.095 (5.154)	$p = 0.960$ ($t = 0.051$, $R^2 = 0.072$)	-
Mean θ band power, STDEV	11.183 (1.748)	12.810 (2.286)	8.653 (2.857)	$p = 0.272$ ($t = -1.131$, $R^2 = 0.136$)	-
Mean θ band power, IQR	11.123 (1.473)	12.550 (1.921)	8.905 (2.402)	$p = 0.252$ ($t = -1.179$, $R^2 = 0.103$)	-
Mean θ band power, Theil-Sen slope	10.137 (11.776)	19.659 (15.523)	-4.674 (19.404)	$p = 0.341$ ($t = -0.974$, $R^2 = 0.051$)	-
Mean θ band power, RMSE for Theil-Sen line of best fit	9.893 (1.690)	11.088 (2.241)	8.035 (2.801)	$p = 0.407$ ($t = -0.847$, $R^2 = 0.131$)	-
Mean θ band power, Mann-Kendall τ value	-0.036 (0.086)	-0.039 (0.116)	-0.032 (0.145)	$p = 0.972$ ($t = 0.035$, $R^2 = 0.023$)	-

Standard deviation of θ band power

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
Standard deviation of θ band power, mean	3.975 (0.379)	3.998 (0.512)	3.939 (0.640)	$p = 0.944$ ($t = -0.071$, $R^2 = 0.028$)	-
Standard deviation of θ band power, median	3.787 (0.392)	3.799 (0.529)	3.769 (0.661)	$p = 0.972$ ($t = -0.035$, $R^2 = 0.048$)	-
Standard deviation of θ band power, STDEV	1.139 (0.086)	1.242 (0.111)	0.979 (0.138)	$p = 0.154$ ($t = -1.481$, $R^2 = 0.386$)	-
Standard deviation of θ band power, IQR	1.422 (0.124)	1.550 (0.161)	1.222 (0.201)	$p = 0.219$ ($t = -1.268$, $R^2 = 0.359$)	-
Standard deviation of θ band power, Theil-Sen slope	0.922 (1.005)	1.717 (1.326)	-0.315 (1.658)	$p = 0.352$ ($t = -0.952$, $R^2 = 0.048$)	-
Standard deviation of θ band power, RMSE for Theil-Sen line of best fit	0.967 (0.087)	1.022 (0.116)	0.881 (0.145)	$p = 0.459$ ($t = -0.755$, $R^2 = 0.311$)	-
Standard deviation of θ band power, Mann-Kendall τ value	-0.036 (0.086)	-0.039 (0.116)	-0.032 (0.145)	$p = 0.972$ ($t = 0.035$, $R^2 = 0.023$)	-

θ band rEEG proportion between 50 and 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band rEEG proportion between 50 and 100 uv, mean	0.003 (8.371e-04)	0.003 (0.001)	0.003 (0.001)	p = 0.972 (t = 0.036, R² = 0.037)	-
θ band rEEG proportion between 50 and 100 uv, median	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R² = nan)	-
θ band rEEG proportion between 50 and 100 uv, STDEV	0.009 (0.002)	0.009 (0.002)	0.010 (0.003)	p = 0.799 (t = 0.258, R² = 0.064)	-
θ band rEEG proportion between 50 and 100 uv, IQR	0.003 (0.002)	0.002 (0.002)	0.003 (0.003)	p = 0.825 (t = 0.224, R² = 0.034)	-
θ band rEEG proportion between 50 and 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R² = nan)	-
θ band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit	0.010 (0.002)	0.009 (0.002)	0.010 (0.003)	p = 0.817 (t = 0.235, R² = 0.060)	-
θ band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value	-0.031 (0.032)	-0.031 (0.044)	-0.031 (0.054)	p = 1.000 (t = 0.000, R² = 0.022)	-

θ band rEEG proportion over 100 uv

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ band rEEG proportion over 100 uv, mean	2.426e-04 (9.788e-05)	2.946e-04 (1.308e-04)	1.617e-04 (1.635e-04)	p = 0.535 (t = -0.631, R ² = 0.063)	-
θ band rEEG proportion over 100 uv, median	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
θ band rEEG proportion over 100 uv, STDEV	0.001 (4.925e-04)	0.002 (6.638e-04)	0.001 (8.297e-04)	p = 0.812 (t = -0.241, R ² = 0.079)	-
θ band rEEG proportion over 100 uv, IQR	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
θ band rEEG proportion over 100 uv, Theil-Sen slope	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	p = nan (t = nan, R ² = nan)	-
θ band rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit	0.001 (4.985e-04)	0.002 (6.718e-04)	0.001 (8.398e-04)	p = 0.805 (t = -0.250, R ² = 0.078)	-
θ band rEEG proportion over 100 uv, Mann-Kendall τ value	0.008 (0.017)	0.001 (0.023)	0.018 (0.029)	p = 0.655 (t = 0.454, R ² = 0.100)	-

θ skew

Variable	Group Values	No ND (n=14)	ND (n=9)	Test Results	Equal Var
θ skew, mean	0.004 (6.053e-04)	0.005 (8.155e-04)	0.004 (0.001)	p = 0.786 (t = -0.275, R ² = 0.037)	-
θ skew, median	0.001 (1.027e-04)	0.001 (1.384e-04)	0.001 (1.730e-04)	p = 0.818 (t = -0.234, R ² = 0.067)	-
θ skew, STDEV	0.015 (0.003)	0.015 (0.004)	0.015 (0.006)	p = 0.980 (t = 0.025, R ² = 0.006)	-
θ skew, IQR	0.002 (2.704e-04)	0.003 (3.631e-04)	0.002 (4.539e-04)	p = 0.658 (t = -0.449, R ² = 0.102)	-
θ skew, Theil-Sen slope	1.421e-04 (3.858e-04)	2.337e-04 (5.198e-04)	-4.895e-07 (6.497e-04)	p = 0.782 (t = -0.280, R ² = 0.020)	-
θ skew, RMSE for Theil-Sen line of best fit	0.015 (0.003)	0.015 (0.005)	0.015 (0.006)	p = 0.982 (t = 0.023, R ² = 0.007)	-
θ skew, Mann-Kendall τ value	0.023 (0.021)	0.019 (0.029)	0.029 (0.036)	p = 0.834 (t = 0.212, R ² = 0.010)	-