

α-δ ratio

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α-δ ratio, mean | 0.058 [0.042, 0.105] | 0.089 [0.050, 0.119] | 0.042 [0.030, 0.059] | p = 0.025, (U = 37) | MWU, so no Levene's test run. |
| α-δ ratio, median | 0.054 [0.040, 0.074] | 0.072 [0.041, 0.096] | 0.041 [0.027, 0.054] | p = 0.042, (U = 41) | MWU, so no Levene's test run. |
| α-δ ratio, STDEV | 0.032 [0.020, 0.061] | 0.036 [0.026, 0.078] | 0.017 [0.016, 0.032] | p = 0.037, (U = 40) | MWU, so no Levene's test run. |
| α-δ ratio, IQR | 0.038 [0.028, 0.063] | 0.044 [0.035, 0.072] | 0.028 [0.018, 0.046] | p = 0.133, (U = 51) | MWU, so no Levene's test run. |
| α-δ ratio, Theil-Sen slope | -0.004 [-0.027, 0.035] | -0.003 [-0.023, 0.048] | -0.013 [-0.033, 0.002] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| α-δ ratio, RMSE for Theil-Sen line of best fit | 0.030 [0.018, 0.063] | 0.033 [0.026, 0.072] | 0.017 [0.014, 0.028] | p = 0.033, (U = 39) | MWU, so no Levene's test run. |
| α-δ ratio, Mann-Kendall τ value | -0.068 (0.058) | 0.005 (0.071) | -0.185 (0.093) | p = 0.115 (t = -2) | Equal variances assumed. |

Absolute α power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|-------------------------|------------------------|---------------------|-------------------------------|
| Absolute α power, mean | 13.323 [3.805, 27.355] | 15.418 [3.871, 29.316] | 13.323 [4.587, 16.405] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| Absolute α power, median | 8.622 [2.832, 18.811] | 7.965 [2.870, 21.599] | 11.055 [2.843, 16.835] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| Absolute α power, STDEV | 7.373 [2.873, 18.860] | 8.761 [3.249, 21.189] | 7.091 [2.873, 10.086] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| Absolute α power, IQR | 7.311 [2.165, 17.864] | 11.989 [2.701, 18.004] | 5.197 [2.018, 13.570] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| Absolute α power, Theil-Sen slope | -0.144 [-7.138, 2.676] | -0.004 [-4.101, 10.982] | -0.668 [-9.217, 1.343] | p = 0.385, (U = 63) | MWU, so no Levene's test run. |
| Absolute α power, RMSE for Theil-Sen line of best fit | 6.277 [2.709, 18.777] | 9.192 [2.844, 21.954] | 4.466 [2.709, 9.439] | p = 0.330, (U = 61) | MWU, so no Levene's test run. |
| Absolute α power, Mann-Kendall τ value | -0.086 (0.075) | -0.061 (0.093) | -0.127 (0.132) | p = 0.679 (t = -0) | Equal variances assumed. |

Relative α power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|----------------------------|-------------------------|---------------------|-------------------------------|
| Relative α power, mean | 0.047 [0.036, 0.077] | 0.063 [0.041, 0.089] | 0.036 [0.028, 0.047] | p = 0.025, (U = 37) | MWU, so no Levene's test run. |
| Relative α power, median | 0.046 [0.034, 0.062] | 0.056 [0.035, 0.078] | 0.036 [0.025, 0.046] | p = 0.054, (U = 43) | MWU, so no Levene's test run. |
| Relative α power, STDEV | 0.022 [0.015, 0.036] | 0.024 [0.021, 0.042] | 0.014 [0.012, 0.025] | p = 0.061, (U = 44) | MWU, so no Levene's test run. |
| Relative α power, IQR | 0.029 [0.021, 0.043] | 0.031 [0.024, 0.046] | 0.023 [0.014, 0.034] | p = 0.179, (U = 54) | MWU, so no Levene's test run. |
| Relative α power, Theil-Sen slope | -0.007 [-0.022, 0.007] | -6.439e-04 [-0.014, 0.036] | -0.019 [-0.032, -0.001] | p = 0.069, (U = 45) | MWU, so no Levene's test run. |
| Relative α power, RMSE for Theil-Sen line of best fit | 0.020 [0.014, 0.036] | 0.022 [0.018, 0.041] | 0.013 [0.011, 0.021] | p = 0.037, (U = 40) | MWU, so no Levene's test run. |
| Relative α power, Mann-Kendall τ value | -0.079 (0.057) | -0.002 (0.068) | -0.202 (0.092) | p = 0.089 (t = -2) | Equal variances assumed. |

α band higuchi fractal dimension

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α band higuchi fractal dimension, mean | 1.174 (0.002) | 1.174 (0.002) | 1.175 (0.004) | p = 0.808 (t = 0) | Equal variances assumed. |
| α band higuchi fractal dimension, median | 1.172 [1.166, 1.179] | 1.171 [1.165, 1.176] | 1.172 [1.167, 1.179] | p = 0.617, (U = 90) | MWU, so no Levene's test run. |
| α band higuchi fractal dimension, STDEV | 0.008 (5.440e-04) | 0.008 (7.644e-04) | 0.008 (7.411e-04) | p = 0.564 (t = -1) | Equal variances assumed. |
| α band higuchi fractal dimension, IQR | 0.011 (8.286e-04) | 0.011 (0.001) | 0.010 (9.664e-04) | p = 0.468 (t = -1) | Equal variances assumed. |
| α band higuchi fractal dimension, Theil-Sen slope | -0.002 [-0.006, 0.003] | -0.002 [-0.007, 0.002] | -0.001 [-0.004, 0.008] | p = 0.510, (U = 93) | MWU, so no Levene's test run. |
| α band higuchi fractal dimension, RMSE for Theil-Sen line of best fit | 0.007 (6.104e-04) | 0.008 (8.615e-04) | 0.007 (8.089e-04) | p = 0.477 (t = -1) | Equal variances assumed. |
| α band higuchi fractal dimension, Mann-Kendall τ value | -0.026 (0.058) | -0.063 (0.065) | 0.033 (0.110) | p = 0.432 (t = 1) | Equal variances assumed. |

α band shannon entropy

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α band shannon entropy, mean | 0.944 (0.006) | 0.945 (0.007) | 0.944 (0.010) | p = 0.945 (t = -0) | Equal variances assumed. |
| α band shannon entropy, median | 0.951 (0.005) | 0.951 (0.006) | 0.950 (0.008) | p = 0.950 (t = -0) | Equal variances assumed. |
| α band shannon entropy, STDEV | 0.026 [0.018, 0.033] | 0.029 [0.023, 0.032] | 0.022 [0.017, 0.037] | p = 0.617, (U = 70) | MWU, so no Levene's test run. |
| α band shannon entropy, IQR | 0.036 [0.028, 0.045] | 0.039 [0.031, 0.044] | 0.030 [0.022, 0.045] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α band shannon entropy, Theil-Sen slope | -0.007 [-0.023, 0.005] | -0.005 [-0.026, 0.005] | -0.009 [-0.016, 0.018] | p = 0.693, (U = 88) | MWU, so no Levene's test run. |
| α band shannon entropy, RMSE for Theil-Sen line of best fit | 0.025 [0.014, 0.030] | 0.026 [0.020, 0.030] | 0.021 [0.012, 0.034] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| α band shannon entropy, Mann-Kendall τ value | -0.059 (0.055) | -0.088 (0.064) | -0.012 (0.104) | p = 0.516 (t = 1) | Equal variances assumed. |

α band spectral difference

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|--------------------------------|--------------------------------|----------------------------|---------------------|-------------------------------|
| α band spectral difference, mean | 0.005 [0.002, 0.011] | 0.005 [0.002, 0.008] | 0.008 [0.002, 0.012] | p = 0.772, (U = 86) | MWU, so no Levene's test run. |
| α band spectral difference, median | 0.003 [5.004e-04, 0.008] | 0.002 [5.047e-04, 0.004] | 0.007 [8.905e-04, 0.009] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| α band spectral difference, STDEV | 0.006 (5.878e-04) | 0.006 (7.590e-04) | 0.006 (9.615e-04) | p = 0.564 (t = -1) | Equal variances assumed. |
| α band spectral difference, IQR | 0.006 (9.276e-04) | 0.006 (0.001) | 0.007 (0.001) | p = 0.620 (t = 1) | Equal variances assumed. |
| α band spectral difference, Theil-Sen slope | -6.705e-05 [-0.004, 1.432e-04] | -9.907e-05 [-0.005, 1.093e-04] | -2.703e-05 [-0.002, 0.002] | p = 0.510, (U = 93) | MWU, so no Levene's test run. |
| α band spectral difference, RMSE for Theil-Sen line of best fit | 0.006 (5.454e-04) | 0.006 (6.803e-04) | 0.006 (9.435e-04) | p = 0.610 (t = -1) | Equal variances assumed. |
| α band spectral difference, Mann-Kendall τ value | -0.051 (0.040) | -0.072 (0.054) | -0.017 (0.059) | p = 0.512 (t = 1) | Equal variances assumed. |

α band rEEG

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α band rEEG, mean | 10.266 [4.701, 14.187] | 9.694 [4.787, 14.874] | 10.266 [5.075, 11.973] | p = 0.732, (U = 73) | MWU, so no Levene's test run. |
| α band rEEG, median | 8.212 [3.482, 13.176] | 6.481 [3.523, 14.060] | 9.475 [4.299, 11.529] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| α band rEEG, STDEV | 6.246 (0.759) | 7.162 (1.101) | 4.781 (0.735) | p = 0.129 (t = -2) | Equal variances assumed. |
| α band rEEG, IQR | 6.115 (0.806) | 6.501 (1.137) | 5.497 (1.084) | p = 0.556 (t = -1) | Equal variances assumed. |
| α band rEEG, Theil-Sen slope | -0.359 [-2.657, 1.401] | -0.359 [-1.541, 2.423] | -0.416 [-4.453, 1.292] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| α band rEEG, RMSE for Theil-Sen line of best fit | 6.176 (0.780) | 7.193 (1.130) | 4.549 (0.718) | p = 0.100 (t = -2) | Equal variances assumed. |
| α band rEEG, Mann-Kendall τ value | -0.042 (0.046) | -0.041 (0.054) | -0.043 (0.085) | p = 0.983 (t = -0) | Equal variances assumed. |

α band envelope mean value

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-------------------------|------------------------|-------------------------|---------------------|-------------------------------|
| α band envelope mean value, mean | 24.090 [6.797, 48.587] | 27.597 [6.906, 52.471] | 24.090 [8.207, 29.195] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| α band envelope mean value, median | 15.421 [5.170, 33.111] | 14.126 [5.183, 37.952] | 19.864 [4.997, 30.036] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| α band envelope mean value, STDEV | 13.143 [5.130, 34.073] | 15.710 [5.781, 38.351] | 12.665 [5.130, 17.974] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α band envelope mean value, IQR | 12.527 [3.876, 32.714] | 21.022 [4.744, 33.059] | 9.099 [3.464, 24.179] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| α band envelope mean value, Theil-Sen slope | -0.276 [-12.609, 4.934] | 0.014 [-7.330, 16.031] | -1.155 [-16.507, 2.484] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| α band envelope mean value, RMSE for Theil-Sen line of best fit | 11.175 [4.859, 33.838] | 16.519 [5.050, 39.877] | 7.970 [4.859, 16.869] | p = 0.330, (U = 61) | MWU, so no Levene's test run. |
| α band envelope mean value, Mann-Kendall τ value | -0.090 (0.074) | -0.068 (0.092) | -0.124 (0.132) | p = 0.724 (t = -0) | Equal variances assumed. |

α band envelope standard deviation

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|--------------------------|--------------------------|-------------------------|---------------------|-------------------------------|
| α band envelope standard deviation, mean | 47.286 [23.349, 102.381] | 53.608 [24.212, 113.517] | 36.932 [23.349, 48.229] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| α band envelope standard deviation, median | 31.008 [15.680, 62.080] | 30.527 [15.885, 68.910] | 31.008 [9.868, 40.332] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| α band envelope standard deviation, STDEV | 42.191 [20.290, 72.198] | 49.536 [25.699, 97.325] | 32.234 [20.290, 60.187] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| α band envelope standard deviation, IQR | 31.357 [11.794, 59.743] | 40.891 [19.453, 66.761] | 19.116 [10.291, 39.631] | p = 0.216, (U = 56) | MWU, so no Levene's test run. |
| α band envelope standard deviation, Theil-Sen slope | 0.232 [-14.947, 13.598] | 0.146 [-13.558, 36.717] | 0.837 [-23.174, 5.254] | p = 0.617, (U = 70) | MWU, so no Levene's test run. |
| α band envelope standard deviation, RMSE for Theil-Sen line of best fit | 43.364 [13.467, 75.017] | 51.882 [24.508, 99.108] | 34.125 [13.467, 60.663] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| α band envelope standard deviation, Mann-Kendall τ value | -0.062 (0.060) | -0.058 (0.074) | -0.069 (0.107) | p = 0.931 (t = -0) | Equal variances assumed. |

α band kurtosis

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α band kurtosis, mean | 9.475 [5.718, 21.170] | 10.586 [6.787, 19.625] | 6.320 [4.791, 21.760] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| α band kurtosis, median | 5.419 [3.950, 12.403] | 6.324 [4.039, 12.329] | 4.869 [3.779, 12.228] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α band kurtosis, STDEV | 14.006 [2.162, 30.067] | 17.046 [5.773, 26.524] | 7.459 [2.162, 31.700] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| α band kurtosis, IQR | 3.448 [1.821, 14.980] | 4.382 [2.649, 14.874] | 1.893 [1.089, 12.596] | p = 0.216, (U = 56) | MWU, so no Levene's test run. |
| α band kurtosis, Theil-Sen slope | -0.035 [-1.070, 2.223] | 0.472 [-2.232, 3.453] | -0.131 [-0.543, 0.390] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| α band kurtosis, RMSE for Theil-Sen line of best fit | 14.310 [2.222, 31.320] | 17.839 [6.224, 27.697] | 7.555 [2.222, 33.049] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| α band kurtosis, Mann-Kendall τ value | 0.031 (0.042) | 0.039 (0.062) | 0.019 (0.051) | p = 0.826 (t = -0) | Equal variances assumed. |

Mean α band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| Mean α band power, mean | 12.045 [3.398, 24.294] | 13.798 [3.453, 26.236] | 12.045 [4.104, 14.597] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| Mean α band power, median | 7.710 [2.585, 16.556] | 7.063 [2.591, 18.976] | 9.932 [2.499, 15.018] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| Mean α band power, STDEV | 6.572 [2.565, 17.036] | 7.855 [2.891, 19.176] | 6.333 [2.565, 8.987] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| Mean α band power, IQR | 6.264 [1.938, 16.357] | 10.511 [2.372, 16.529] | 4.550 [1.732, 12.090] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| Mean α band power, Theil-Sen slope | -0.138 [-6.304, 2.467] | 0.007 [-3.665, 8.015] | -0.577 [-8.253, 1.242] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| Mean α band power, RMSE for Theil-Sen line of best fit | 5.587 [2.429, 16.919] | 8.260 [2.525, 19.938] | 3.985 [2.429, 8.435] | p = 0.330, (U = 61) | MWU, so no Levene's test run. |
| Mean α band power, Mann-Kendall τ value | -0.090 (0.074) | -0.068 (0.092) | -0.124 (0.132) | p = 0.724 (t = -0) | Equal variances assumed. |

Standard deviation of α band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| Standard deviation of α band power, mean | 3.243 [1.681, 4.513] | 3.229 [1.713, 4.758] | 3.243 [1.754, 3.710] | p = 0.732, (U = 73) | MWU, so no Levene's test run. |
| Standard deviation of α band power, median | 2.776 [1.608, 4.069] | 2.656 [1.610, 4.338] | 3.151 [1.500, 3.874] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| Standard deviation of α band power, STDEV | 1.100 (0.135) | 1.232 (0.192) | 0.890 (0.159) | p = 0.223 (t = -1) | Equal variances assumed. |
| Standard deviation of α band power, IQR | 1.295 (0.161) | 1.418 (0.212) | 1.096 (0.248) | p = 0.341 (t = -1) | Equal variances assumed. |
| Standard deviation of α band power, Theil-Sen slope | -0.021 [-0.862, 0.642] | -0.044 [-0.836, 1.071] | 0.033 [-1.583, 0.573] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| Standard deviation of α band power, RMSE for Theil-Sen line of best fit | 1.012 (0.140) | 1.162 (0.201) | 0.772 (0.152) | p = 0.181 (t = -1) | Equal variances assumed. |
| Standard deviation of α band power, Mann-Kendall τ value | -0.090 (0.074) | -0.068 (0.092) | -0.124 (0.132) | p = 0.724 (t = -0) | Equal variances assumed. |

α band rEEG proportion between 0 and 10 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| α band rEEG proportion between 0 and 10 uv, mean | 0.639 [0.227, 0.932] | 0.775 [0.166, 0.931] | 0.570 [0.321, 0.904] | p = 0.854, (U = 76) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, median | 0.817 [0.208, 0.967] | 0.900 [0.183, 0.967] | 0.642 [0.217, 0.967] | p = 0.894, (U = 77) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, STDEV | 0.087 [0.065, 0.181] | 0.091 [0.066, 0.149] | 0.080 [0.059, 0.306] | p = 0.732, (U = 87) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, IQR | 0.100 [0.008, 0.248] | 0.100 [0.000, 0.192] | 0.083 [0.033, 0.398] | p = 0.670, (U = 88) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, Theil-Sen slope | 0.000 [0.000, 0.118] | 0.000 [0.000, 0.089] | 0.000 [0.000, 0.272] | p = 0.632, (U = 89) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit | 0.083 [0.069, 0.133] | 0.088 [0.069, 0.114] | 0.078 [0.064, 0.230] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| α band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value | 0.145 (0.072) | 0.176 (0.076) | 0.097 (0.147) | p = 0.639 (t = -0) | Equal variances not assumed. |

α band rEEG proportion between 10 and 25 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| α band rEEG proportion between 10 and 25 uv, mean | 0.275 [0.056, 0.523] | 0.184 [0.061, 0.478] | 0.333 [0.044, 0.570] | p = 0.813, (U = 85) | MWU, so no Levene's test run. |
| α band rEEG proportion between 10 and 25 uv, median | 0.117 [0.008, 0.546] | 0.083 [0.033, 0.471] | 0.183 [0.000, 0.658] | p = 0.915, (U = 78) | MWU, so no Levene's test run. |
| α band rEEG proportion between 10 and 25 uv, STDEV | 0.154 (0.021) | 0.143 (0.023) | 0.173 (0.042) | p = 0.496 (t = 1) | Equal variances assumed. |
| α band rEEG proportion between 10 and 25 uv, IQR | 0.125 [0.067, 0.285] | 0.133 [0.079, 0.273] | 0.125 [0.042, 0.398] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| α band rEEG proportion between 10 and 25 uv, Theil-Sen slope | 0.000 [-0.161, 0.000] | 0.000 [-0.140, 0.000] | 0.000 [-0.269, 0.000] | p = 0.868, (U = 76) | MWU, so no Levene's test run. |
| α band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit | 0.107 [0.073, 0.229] | 0.096 [0.076, 0.205] | 0.119 [0.072, 0.249] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| α band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value | -0.098 [-0.453, 0.184] | -0.163 [-0.372, 0.040] | 0.147 [-0.493, 0.235] | p = 0.414, (U = 96) | MWU, so no Levene's test run. |

α band rEEG proportion between 25 and 50 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| α band rEEG proportion between 25 and 50 uv, mean | 0.009 [0.002, 0.074] | 0.015 [0.005, 0.086] | 0.003 [0.002, 0.020] | p = 0.384, (U = 63) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, median | 0.000 [0.000, 0.025] | 0.000 [0.000, 0.033] | 0.000 [0.000, 0.000] | p = 0.661, (U = 73) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, STDEV | 0.019 [0.008, 0.103] | 0.029 [0.013, 0.178] | 0.014 [0.008, 0.039] | p = 0.235, (U = 57) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, IQR | 0.000 [0.000, 0.085] | 0.025 [0.000, 0.100] | 0.000 [0.000, 0.025] | p = 0.207, (U = 58) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, Theil-Sen slope | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit | 0.021 [0.008, 0.104] | 0.032 [0.014, 0.182] | 0.014 [0.008, 0.044] | p = 0.235, (U = 57) | MWU, so no Levene's test run. |
| α band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value | -0.048 (0.041) | -0.043 (0.061) | -0.055 (0.049) | p = 0.892 (t = -0) | Equal variances assumed. |

α band rEEG proportion between 50 and 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|--------------------------|--------------------------|------------------------------|---------------------|-------------------------------|
| α band rEEG proportion between 50 and 100 uv, mean | 8.052e-05 [0.000, 0.002] | 6.715e-04 [0.000, 0.004] | 4.052e-05 [0.000, 4.103e-05] | p = 0.481, (U = 67) | MWU, so no Levene's test run. |
| α band rEEG proportion between 50 and 100 uv, median | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.775, (U = 83) | MWU, so no Levene's test run. |
| α band rEEG proportion between 50 and 100 uv, STDEV | 0.001 [0.000, 0.010] | 0.004 [0.000, 0.012] | 0.001 [0.000, 0.004] | p = 0.481, (U = 67) | MWU, so no Levene's test run. |
| α band rEEG proportion between 50 and 100 uv, IQR | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.924, (U = 78) | MWU, so no Levene's test run. |
| 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) | Equal variances not assumed. |
| α band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit | 0.001 [0.000, 0.010] | 0.004 [0.000, 0.013] | 0.001 [0.000, 0.004] | p = 0.481, (U = 67) | MWU, so no Levene's test run. |
| α band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value | 0.000 [0.000, 0.067] | 0.000 [0.000, 0.071] | 0.000 [-0.027, 0.000] | p = 0.205, (U = 57) | MWU, so no Levene's test run. |

α band rEEG proportion over 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| α band rEEG proportion over 100 uv, mean | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.820, (U = 82) | MWU, so no Levene's test run. |
| α band rEEG proportion over 100 uv, median | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | p = nan (t = nan) | Equal variances not assumed. |
| α band rEEG proportion over 100 uv, STDEV | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.820, (U = 82) | MWU, so no Levene's test run. |
| α band rEEG proportion over 100 uv, IQR | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | p = nan (t = nan) | Equal variances not assumed. |
| 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) | Equal variances not assumed. |
| α 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] | 0.000 [0.000, 0.000] | p = 0.820, (U = 82) | MWU, so no Levene's test run. |
| α band rEEG proportion over 100 uv, Mann-Kendall τ value | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.171, (U = 68) | MWU, so no Levene's test run. |

α skew

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------------------|------------------------------|---------------------------------|---------------------|-------------------------------|
| α skew, mean | 0.005 [0.003, 0.009] | 0.005 [0.003, 0.008] | 0.003 [0.002, 0.008] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α skew, median | 0.002 [0.001, 0.005] | 0.002 [0.002, 0.004] | 0.002 [0.001, 0.005] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α skew, STDEV | 0.007 [0.003, 0.016] | 0.011 [0.004, 0.018] | 0.004 [0.003, 0.012] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| α skew, IQR | 0.003 [0.002, 0.007] | 0.004 [0.002, 0.006] | 0.002 [0.002, 0.006] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| α skew, Theil-Sen slope | 9.668e-05 [-2.715e-04, 9.801e-05] | 2.43e-05 [-0.001, 8.453e-05] | 3.79e-04 [1.569e-05, 9.801e-04] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| α skew, RMSE for Theil-Sen line of best fit | 0.008 [0.003, 0.017] | 0.011 [0.004, 0.019] | 0.005 [0.003, 0.013] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| α skew, Mann-Kendall τ value | 0.047 (0.027) | 0.041 (0.040) | 0.057 (0.031) | p = 0.782 (t = 0) | Equal variances assumed. |

Absolute β power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| Absolute β power, mean | 6.437 [1.147, 13.240] | 7.049 [1.270, 14.502] | 5.550 [1.334, 7.029] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| Absolute β power, median | 3.854 [0.982, 6.384] | 3.394 [1.003, 6.250] | 5.028 [0.702, 6.384] | p = 0.854, (U = 84) | MWU, so no Levene's test run. |
| Absolute β power, STDEV | 4.401 [0.914, 13.864] | 5.752 [0.991, 16.419] | 2.345 [0.773, 4.894] | p = 0.257, (U = 58) | MWU, so no Levene's test run. |
| Absolute β power, IQR | 2.647 [0.663, 7.352] | 5.817 [0.913, 7.339] | 1.757 [0.663, 6.209] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| Absolute β power, Theil-Sen slope | -0.185 [-0.768, 2.095] | -0.215 [-0.966, 1.478] | 0.081 [-0.728, 2.095] | p = 0.617, (U = 90) | MWU, so no Levene's test run. |
| Absolute β power, RMSE for Theil-Sen line of best fit | 4.459 [0.855, 8.687] | 5.235 [0.980, 16.758] | 2.111 [0.796, 4.713] | p = 0.257, (U = 58) | MWU, so no Levene's test run. |
| Absolute β power, Mann-Kendall τ value | -0.046 (0.070) | -0.113 (0.080) | 0.062 (0.128) | p = 0.231 (t = 1) | Equal variances assumed. |

Relative β power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------------|---------------------------|----------------------------|---------------------|-------------------------------|
| Relative β power, mean | 0.025 [0.013, 0.039] | 0.030 [0.017, 0.044] | 0.013 [0.009, 0.026] | p = 0.061, (U = 44) | MWU, so no Levene's test run. |
| Relative β power, median | 0.018 [0.011, 0.028] | 0.023 [0.014, 0.030] | 0.012 [0.009, 0.021] | p = 0.120, (U = 50) | MWU, so no Levene's test run. |
| Relative β power, STDEV | 0.011 [0.006, 0.028] | 0.021 [0.010, 0.030] | 0.007 [0.004, 0.009] | p = 0.048, (U = 42) | MWU, so no Levene's test run. |
| Relative β power, IQR | 0.011 [0.008, 0.030] | 0.015 [0.010, 0.033] | 0.009 [0.005, 0.011] | p = 0.133, (U = 51) | MWU, so no Levene's test run. |
| Relative β power, Theil-Sen slope | -8.791e-05 [-0.007, 0.015] | 7.488e-04 [-0.007, 0.017] | -2.394e-04 [-0.008, 0.006] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| Relative β power, RMSE for Theil-Sen line of best fit | 0.011 [0.005, 0.029] | 0.021 [0.010, 0.031] | 0.005 [0.004, 0.008] | p = 0.042, (U = 41) | MWU, so no Levene's test run. |
| Relative β power, Mann-Kendall τ value | -0.050 (0.057) | -0.042 (0.062) | -0.062 (0.113) | p = 0.871 (t = -0) | Equal variances assumed. |

β band higuchi fractal dimension

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|-----------------------|-----------------------|---------------------|-------------------------------|
| β band higuchi fractal dimension, mean | 1.655 [1.633, 1.718] | 1.671 [1.621, 1.720] | 1.655 [1.652, 1.680] | p = 0.693, (U = 88) | MWU, so no Levene's test run. |
| β band higuchi fractal dimension, median | 1.656 [1.626, 1.721] | 1.671 [1.621, 1.723] | 1.656 [1.642, 1.682] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| β band higuchi fractal dimension, STDEV | 0.025 [0.018, 0.033] | 0.023 [0.017, 0.031] | 0.030 [0.020, 0.037] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| β band higuchi fractal dimension, IQR | 0.038 (0.004) | 0.036 (0.004) | 0.041 (0.009) | p = 0.592 (t = 1) | Equal variances assumed. |
| β band higuchi fractal dimension, Theil-Sen slope | 0.002 [-0.015, 0.030] | 0.002 [-0.019, 0.018] | 0.007 [-0.014, 0.036] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| β band higuchi fractal dimension, RMSE for Theil-Sen line of best fit | 0.026 (0.002) | 0.024 (0.003) | 0.027 (0.003) | p = 0.502 (t = 1) | Equal variances assumed. |
| β band higuchi fractal dimension, Mann-Kendall τ value | 0.017 (0.063) | -0.058 (0.076) | 0.136 (0.105) | p = 0.138 (t = 2) | Equal variances assumed. |

β band shannon entropy

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|---------------------------|---------------------------|-----------------------|---------------------|-------------------------------|
| β band shannon entropy, mean | 0.873 [0.851, 0.913] | 0.864 [0.839, 0.920] | 0.874 [0.865, 0.879] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| β band shannon entropy, median | 0.874 [0.849, 0.920] | 0.892 [0.839, 0.926] | 0.874 [0.862, 0.880] | p = 0.813, (U = 75) | MWU, so no Levene's test run. |
| β band shannon entropy, STDEV | 0.028 [0.020, 0.039] | 0.028 [0.020, 0.038] | 0.029 [0.020, 0.043] | p = 0.979, (U = 81) | MWU, so no Levene's test run. |
| β band shannon entropy, IQR | 0.033 [0.025, 0.054] | 0.035 [0.028, 0.054] | 0.030 [0.023, 0.052] | p = 0.617, (U = 70) | MWU, so no Levene's test run. |
| β band shannon entropy, Theil-Sen slope | 7.795e-04 [-0.011, 0.020] | 9.225e-04 [-0.014, 0.013] | 0.014 [-0.009, 0.043] | p = 0.330, (U = 99) | MWU, so no Levene's test run. |
| β band shannon entropy, RMSE for Theil-Sen line of best fit | 0.027 [0.018, 0.036] | 0.027 [0.020, 0.036] | 0.025 [0.018, 0.034] | p = 0.772, (U = 74) | MWU, so no Levene's test run. |
| β band shannon entropy, Mann-Kendall τ value | 0.033 (0.060) | -0.037 (0.067) | 0.144 (0.109) | p = 0.148 (t = 1) | Equal variances assumed. |

β band spectral difference

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------------------|------------------------------|-----------------------------------|----------------------|-------------------------------|
| β band spectral difference, mean | 0.003 (3.530e-04) | 0.003 (4.417e-04) | 0.004 (5.906e-04) | p = 0.366 (t = 1) | Equal variances assumed. |
| β band spectral difference, median | 0.002 [4.432e-04, 0.004] | 0.001 [2.847e-04, 0.004] | 0.003 [0.001, 0.004] | p = 0.257, (U = 102) | MWU, so no Levene's test run. |
| β band spectral difference, STDEV | 0.003 (2.237e-04) | 0.003 (2.426e-04) | 0.003 (4.478e-04) | p = 0.620 (t = 1) | Equal variances assumed. |
| β band spectral difference, IQR | 0.003 (2.852e-04) | 0.003 (3.826e-04) | 0.003 (4.299e-04) | p = 0.486 (t = 1) | Equal variances assumed. |
| β band spectral difference, Theil-Sen slope | 3.328e-06 [-9.124e-04, 0.0009454] | 6.05e-05 [-0.001, 1.594e-04] | 1.361e-04 [-6.278e-04, 0.0008701] | p = 0.330, (U = 99) | MWU, so no Levene's test run. |
| β band spectral difference, RMSE for Theil-Sen line of best fit | 0.003 (2.312e-04) | 0.003 (2.619e-04) | 0.003 (4.494e-04) | p = 0.779 (t = 0) | Equal variances assumed. |
| β band spectral difference, Mann-Kendall τ value | 0.033 (0.042) | 0.008 (0.047) | 0.074 (0.079) | p = 0.447 (t = 1) | Equal variances assumed. |

β band rEEG

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| β band rEEG, mean | 7.151 [3.083, 8.793] | 7.187 [3.195, 9.598] | 7.151 [2.561, 8.169] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| β band rEEG, median | 5.061 [2.590, 8.045] | 4.187 [2.722, 7.707] | 6.853 [2.034, 8.045] | p = 0.813, (U = 85) | MWU, so no Levene's test run. |
| β band rEEG, STDEV | 3.253 [1.877, 6.951] | 3.992 [1.951, 7.645] | 2.277 [1.401, 3.850] | p = 0.147, (U = 52) | MWU, so no Levene's test run. |
| β band rEEG, IQR | 3.459 [1.422, 4.992] | 3.672 [1.799, 5.157] | 2.819 [1.173, 4.423] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| β band rEEG, Theil-Sen slope | -0.050 [-0.734, 1.705] | -0.140 [-0.737, 1.572] | 0.121 [-0.734, 2.147] | p = 0.772, (U = 86) | MWU, so no Levene's test run. |
| β band rEEG, RMSE for Theil-Sen line of best fit | 2.908 [1.781, 6.880] | 3.968 [1.982, 7.979] | 2.275 [1.434, 3.478] | p = 0.179, (U = 54) | MWU, so no Levene's test run. |
| β band rEEG, Mann-Kendall τ value | -0.010 (0.052) | -0.054 (0.063) | 0.060 (0.088) | p = 0.297 (t = 1) | Equal variances assumed. |

β band envelope mean value

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| β band envelope mean value, mean | 12.177 [2.317, 24.486] | 13.452 [2.535, 27.040] | 10.408 [2.454, 14.362] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| β band envelope mean value, median | 7.196 [1.978, 12.305] | 6.580 [2.013, 11.279] | 9.356 [1.311, 12.305] | p = 0.854, (U = 84) | MWU, so no Levene's test run. |
| β band envelope mean value, STDEV | 8.277 [1.836, 19.736] | 10.727 [1.912, 23.009] | 4.363 [1.497, 9.966] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| β band envelope mean value, IQR | 5.152 [1.254, 15.128] | 11.462 [1.882, 14.515] | 3.276 [1.254, 13.641] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| β band envelope mean value, Theil-Sen slope | -0.333 [-1.867, 4.203] | -0.380 [-2.529, 2.872] | 0.150 [-1.243, 4.203] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| β band envelope mean value, RMSE for Theil-Sen line of best fit | 8.293 [1.682, 16.317] | 9.887 [1.913, 21.186] | 4.135 [1.550, 9.631] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| β band envelope mean value, Mann-Kendall τ value | -0.037 (0.071) | -0.109 (0.083) | 0.078 (0.125) | p = 0.205 (t = 1) | Equal variances assumed. |

β band envelope standard deviation

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-------------------------|-------------------------|-------------------------|---------------------|-------------------------------|
| β band envelope standard deviation, mean | 26.037 [7.928, 52.707] | 35.975 [12.460, 61.324] | 19.957 [7.928, 34.935] | p = 0.385, (U = 63) | MWU, so no Levene's test run. |
| β band envelope standard deviation, median | 13.516 [4.085, 32.001] | 14.720 [7.749, 33.329] | 11.878 [3.364, 28.991] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| β band envelope standard deviation, STDEV | 26.414 [12.685, 48.141] | 33.104 [16.704, 65.430] | 13.994 [12.489, 36.858] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| β band envelope standard deviation, IQR | 17.542 [4.693, 52.600] | 23.860 [11.735, 60.631] | 7.691 [3.622, 27.540] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| β band envelope standard deviation, Theil-Sen slope | -0.058 [-5.968, 8.944] | -1.318 [-7.975, 5.325] | 0.463 [-0.876, 8.789] | p = 0.356, (U = 98) | MWU, so no Levene's test run. |
| β band envelope standard deviation, RMSE for Theil-Sen line of best fit | 21.366 [13.089, 49.019] | 35.027 [15.880, 69.751] | 14.449 [12.912, 31.077] | p = 0.257, (U = 58) | MWU, so no Levene's test run. |
| β band envelope standard deviation, Mann-Kendall τ value | -0.041 (0.061) | -0.111 (0.075) | 0.071 (0.098) | p = 0.150 (t = 1) | Equal variances assumed. |

β band kurtosis

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| β band kurtosis, mean | 15.588 [6.174, 45.750] | 19.332 [6.886, 40.751] | 9.416 [5.927, 40.444] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| β band kurtosis, median | 6.374 [4.000, 16.630] | 10.028 [4.001, 19.975] | 4.761 [4.054, 10.047] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| β band kurtosis, STDEV | 23.788 [7.293, 65.203] | 35.534 [8.027, 61.147] | 17.483 [6.409, 87.029] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| β band kurtosis, IQR | 6.806 [1.259, 32.004] | 12.565 [2.873, 37.319] | 2.035 [1.027, 13.924] | p = 0.179, (U = 54) | MWU, so no Levene's test run. |
| β band kurtosis, Theil-Sen slope | 0.020 [-1.311, 0.730] | 0.472 [-1.497, 2.246] | -0.043 [-0.560, 0.223] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| β band kurtosis, RMSE for Theil-Sen line of best fit | 24.635 [7.549, 67.107] | 37.171 [8.230, 64.659] | 17.922 [6.555, 93.445] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| β band kurtosis, Mann-Kendall τ value | -0.006 (0.038) | -0.017 (0.054) | 0.012 (0.049) | p = 0.721 (t = 0) | Equal variances assumed. |

Mean β band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| Mean β band power, mean | 6.088 [1.159, 12.243] | 6.726 [1.268, 13.520] | 5.204 [1.227, 7.181] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| Mean β band power, median | 3.598 [0.989, 6.153] | 3.290 [1.006, 5.640] | 4.678 [0.655, 6.153] | p = 0.854, (U = 84) | MWU, so no Levene's test run. |
| Mean β band power, STDEV | 4.138 [0.918, 9.868] | 5.364 [0.956, 11.504] | 2.181 [0.748, 4.983] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| Mean β band power, IQR | 2.576 [0.627, 7.564] | 5.731 [0.941, 7.258] | 1.638 [0.627, 6.820] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| Mean β band power, Theil-Sen slope | -0.167 [-0.934, 2.101] | -0.190 [-1.264, 1.436] | 0.075 [-0.621, 2.101] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| Mean β band power, RMSE for Theil-Sen line of best fit | 4.146 [0.841, 8.159] | 4.943 [0.957, 10.593] | 2.068 [0.775, 4.816] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| Mean β band power, Mann-Kendall τ value | -0.037 (0.071) | -0.109 (0.083) | 0.078 (0.125) | p = 0.205 (t = 1) | Equal variances assumed. |

Standard deviation of β band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|-----------------------|----------------------|-------------------------------|
| Standard deviation of β band power, mean | 2.348 [1.053, 2.710] | 2.367 [1.074, 3.016] | 2.240 [0.889, 2.525] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| Standard deviation of β band power, median | 1.895 [0.995, 2.480] | 1.814 [1.003, 2.326] | 2.157 [0.747, 2.480] | p = 0.854, (U = 84) | MWU, so no Levene's test run. |
| Standard deviation of β band power, STDEV | 0.854 [0.359, 1.236] | 0.871 [0.392, 1.385] | 0.413 [0.325, 1.016] | p = 0.356, (U = 62) | MWU, so no Levene's test run. |
| Standard deviation of β band power, IQR | 0.863 [0.284, 1.456] | 1.088 [0.459, 1.428] | 0.453 [0.274, 1.353] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| Standard deviation of β band power, Theil-Sen slope | -0.075 [-0.361, 0.560] | -0.092 [-0.558, 0.208] | 0.114 [-0.129, 0.691] | p = 0.257, (U = 102) | MWU, so no Levene's test run. |
| Standard deviation of β band power, RMSE for Theil-Sen line of best fit | 0.596 [0.307, 1.084] | 0.686 [0.364, 1.479] | 0.430 [0.302, 0.733] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| Standard deviation of β band power, Mann-Kendall τ value | -0.037 (0.071) | -0.109 (0.083) | 0.078 (0.125) | p = 0.205 (t = 1) | Equal variances assumed. |

β band rEEG proportion between 0 and 10 μ v

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| β band rEEG proportion between 0 and 10 μ v, mean | 0.900 [0.748, 0.993] | 0.869 [0.698, 0.988] | 0.900 [0.766, 0.993] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, median | 0.967 [0.850, 1.000] | 0.967 [0.817, 1.000] | 0.967 [0.858, 1.000] | p = 0.956, (U = 82) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, STDEV | 0.076 [0.012, 0.304] | 0.076 [0.010, 0.312] | 0.083 [0.021, 0.233] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, IQR | 0.050 [0.000, 0.225] | 0.071 [0.000, 0.242] | 0.017 [0.000, 0.125] | p = 0.587, (U = 70) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, Theil-Sen slope | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.943, (U = 82) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, RMSE for Theil-Sen line of best fit | 0.084 [0.012, 0.302] | 0.084 [0.010, 0.316] | 0.083 [0.023, 0.185] | p = 0.854, (U = 76) | MWU, so no Levene's test run. |
| β band rEEG proportion between 0 and 10 μ v, Mann-Kendall τ value | 0.044 (0.060) | 0.058 (0.069) | 0.022 (0.116) | p = 0.780 (t = -0) | Equal variances assumed. |

β band rEEG proportion between 10 and 25 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|-----------------------|-----------------------|---------------------|-------------------------------|
| β band rEEG proportion between 10 and 25 uv, mean | 0.100 [0.007, 0.244] | 0.112 [0.012, 0.280] | 0.100 [0.007, 0.233] | p = 0.895, (U = 77) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, median | 0.017 [0.000, 0.150] | 0.017 [0.000, 0.167] | 0.033 [0.000, 0.142] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, STDEV | 0.102 [0.019, 0.295] | 0.099 [0.024, 0.294] | 0.105 [0.020, 0.297] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, IQR | 0.083 [0.000, 0.381] | 0.088 [0.025, 0.294] | 0.067 [0.000, 0.452] | p = 0.830, (U = 76) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, Theil-Sen slope | 0.000 [-0.040, 0.000] | 0.000 [-0.023, 0.000] | 0.000 [-0.040, 0.000] | p = 0.877, (U = 83) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit | 0.099 [0.020, 0.313] | 0.107 [0.027, 0.317] | 0.095 [0.021, 0.265] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| β band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value | -0.085 (0.055) | -0.115 (0.067) | -0.039 (0.096) | p = 0.512 (t = 1) | Equal variances assumed. |

β band rEEG proportion between 25 and 50 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| β band rEEG proportion between 25 and 50 uv, mean | 0.001 [0.000, 0.018] | 0.005 [0.000, 0.022] | 0.000 [0.000, 0.002] | p = 0.198, (U = 56) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, median | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.962, (U = 79) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, STDEV | 0.007 [0.000, 0.057] | 0.014 [0.000, 0.071] | 0.000 [0.000, 0.007] | p = 0.162, (U = 54) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, IQR | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.008] | 0.000 [0.000, 0.000] | p = 0.858, (U = 77) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, Theil-Sen slope | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.812, (U = 77) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit | 0.007 [0.000, 0.059] | 0.015 [0.000, 0.073] | 0.000 [0.000, 0.007] | p = 0.179, (U = 55) | MWU, so no Levene's test run. |
| β band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value | 0.000 [0.000, 0.153] | 0.019 [0.000, 0.253] | 0.000 [0.000, 0.038] | p = 0.603, (U = 70) | MWU, so no Levene's test run. |

β band rEEG proportion between 50 and 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|--------------------------|--------------------------|----------------------|---------------------|-------------------------------|
| β band rEEG proportion between 50 and 100 uv, mean | 0.000 [0.000, 9.158e-05] | 0.000 [0.000, 1.926e-04] | 0.000 [0.000, 0.000] | p = 0.566, (U = 71) | MWU, so no Levene's test run. |
| 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) | Equal variances not assumed. |
| β band rEEG proportion between 50 and 100 uv, STDEV | 0.000 [0.000, 0.002] | 0.000 [0.000, 0.002] | 0.000 [0.000, 0.000] | p = 0.566, (U = 71) | MWU, so no Levene's test run. |
| β band rEEG proportion between 50 and 100 uv, IQR | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.820, (U = 82) | MWU, so no Levene's test run. |
| 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) | Equal variances not assumed. |
| β band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit | 0.000 [0.000, 0.002] | 0.000 [0.000, 0.002] | 0.000 [0.000, 0.000] | p = 0.566, (U = 71) | MWU, so no Levene's test run. |
| β band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.813, (U = 76) | MWU, so no Levene's test run. |

β band rEEG proportion over 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------|----------------------|----------------------|---------------------|-------------------------------|
| β band rEEG proportion over 100 uv, mean | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.477, (U = 75) | MWU, so no Levene's test run. |
| β band rEEG proportion over 100 uv, median | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | p = nan (t = nan) | Equal variances not assumed. |
| β band rEEG proportion over 100 uv, STDEV | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.477, (U = 75) | MWU, so no Levene's test run. |
| β band rEEG proportion over 100 uv, IQR | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | p = nan (t = nan) | Equal variances not assumed. |
| 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) | Equal variances not assumed. |
| 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] | 0.000 [0.000, 0.000] | p = 0.477, (U = 75) | MWU, so no Levene's test run. |
| β band rEEG proportion over 100 uv, Mann-Kendall τ value | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.477, (U = 85) | MWU, so no Levene's test run. |

β skew

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|---------------------------|---------------------------|---------------------------|---------------------|-------------------------------|
| β skew, mean | 0.075 [0.029, 0.138] | 0.089 [0.034, 0.144] | 0.036 [0.029, 0.131] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| β skew, median | 0.039 [0.014, 0.064] | 0.045 [0.016, 0.084] | 0.018 [0.013, 0.057] | p = 0.257, (U = 58) | MWU, so no Levene's test run. |
| β skew, STDEV | 0.107 [0.043, 0.243] | 0.144 [0.053, 0.229] | 0.090 [0.041, 0.275] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| β skew, IQR | 0.070 [0.020, 0.152] | 0.082 [0.023, 0.177] | 0.026 [0.019, 0.117] | p = 0.330, (U = 61) | MWU, so no Levene's test run. |
| β skew, Theil-Sen slope | 4.078e-04 [-0.004, 0.031] | 5.323e-04 [-0.005, 0.038] | 3.303e-04 [-0.002, 0.005] | p = 0.895, (U = 77) | MWU, so no Levene's test run. |
| β skew, RMSE for Theil-Sen line of best fit | 0.117 [0.042, 0.257] | 0.148 [0.053, 0.242] | 0.096 [0.042, 0.286] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| β skew, Mann-Kendall τ value | 0.030 (0.025) | 0.025 (0.035) | 0.038 (0.035) | p = 0.806 (t = 0) | Equal variances assumed. |

α-δ ratio

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| α-δ ratio, mean | 0.058 [0.042, 0.105] | 0.089 [0.050, 0.119] | 0.042 [0.030, 0.059] | p = 0.025, (U = 37) | MWU, so no Levene's test run. |
| α-δ ratio, median | 0.054 [0.040, 0.074] | 0.072 [0.041, 0.096] | 0.041 [0.027, 0.054] | p = 0.042, (U = 41) | MWU, so no Levene's test run. |
| α-δ ratio, STDEV | 0.032 [0.020, 0.061] | 0.036 [0.026, 0.078] | 0.017 [0.016, 0.032] | p = 0.037, (U = 40) | MWU, so no Levene's test run. |
| α-δ ratio, IQR | 0.038 [0.028, 0.063] | 0.044 [0.035, 0.072] | 0.028 [0.018, 0.046] | p = 0.133, (U = 51) | MWU, so no Levene's test run. |
| α-δ ratio, Theil-Sen slope | -0.004 [-0.027, 0.035] | -0.003 [-0.023, 0.048] | -0.013 [-0.033, 0.002] | p = 0.280, (U = 59) | MWU, so no Levene's test run. |
| α-δ ratio, RMSE for Theil-Sen line of best fit | 0.030 [0.018, 0.063] | 0.033 [0.026, 0.072] | 0.017 [0.014, 0.028] | p = 0.033, (U = 39) | MWU, so no Levene's test run. |
| α-δ ratio, Mann-Kendall τ value | -0.068 (0.058) | 0.005 (0.071) | -0.185 (0.093) | p = 0.115 (t = -2) | Equal variances assumed. |

θ-δ ratio

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| θ-δ ratio, mean | 0.108 (0.009) | 0.126 (0.012) | 0.081 (0.009) | p = 0.014 (t = -3) | Equal variances assumed. |
| θ-δ ratio, median | 0.101 (0.009) | 0.118 (0.011) | 0.074 (0.009) | p = 0.012 (t = -3) | Equal variances assumed. |
| θ-δ ratio, STDEV | 0.046 [0.038, 0.069] | 0.058 [0.044, 0.079] | 0.040 [0.038, 0.043] | p = 0.012, (U = 32) | MWU, so no Levene's test run. |
| θ-δ ratio, IQR | 0.067 (0.007) | 0.078 (0.010) | 0.050 (0.006) | p = 0.032 (t = -2) | Equal variances not assumed. |
| θ-δ ratio, Theil-Sen slope | -0.018 [-0.051, 0.037] | -0.008 [-0.047, 0.053] | -0.020 [-0.049, 0.018] | p = 0.477, (U = 66) | MWU, so no Levene's test run. |
| θ-δ ratio, RMSE for Theil-Sen line of best fit | 0.041 [0.036, 0.062] | 0.057 [0.037, 0.077] | 0.038 [0.036, 0.040] | p = 0.054, (U = 43) | MWU, so no Levene's test run. |
| θ-δ ratio, Mann-Kendall τ value | -0.039 (0.066) | 0.018 (0.089) | -0.129 (0.092) | p = 0.285 (t = -1) | Equal variances assumed. |

Absolute δ power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|---------------------------|---------------------------|----------------------------|----------------------|-------------------------------|
| Absolute δ power, mean | 245.878 [76.630, 577.396] | 189.485 [68.594, 492.110] | 269.366 [184.351, 577.396] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| Absolute δ power, median | 156.464 [65.133, 401.058] | 75.266 [52.148, 333.496] | 204.079 [99.149, 473.225] | p = 0.330, (U = 99) | MWU, so no Levene's test run. |
| Absolute δ power, STDEV | 222.235 [77.298, 347.158] | 207.005 [70.400, 381.083] | 246.784 [199.998, 289.782] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| Absolute δ power, IQR | 136.353 [66.150, 434.959] | 107.999 [46.704, 383.601] | 182.615 [125.085, 413.744] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| Absolute δ power, Theil-Sen slope | 8.896 [-72.646, 132.731] | -11.834 [-78.452, 51.659] | 49.269 [-44.089, 237.562] | p = 0.304, (U = 100) | MWU, so no Levene's test run. |
| Absolute δ power, RMSE for Theil-Sen line of best fit | 222.114 [76.870, 376.684] | 214.889 [69.610, 411.110] | 248.791 [205.461, 283.425] | p = 0.732, (U = 87) | MWU, so no Levene's test run. |
| Absolute δ power, Mann-Kendall τ value | 0.043 (0.066) | -0.025 (0.091) | 0.151 (0.086) | p = 0.200 (t = 1) | Equal variances assumed. |

Relative δ power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|-----------------------|-----------------------|----------------------|-------------------------------|
| Relative δ power, mean | 0.834 [0.785, 0.873] | 0.804 [0.775, 0.844] | 0.886 [0.843, 0.911] | p = 0.019, (U = 125) | MWU, so no Levene's test run. |
| Relative δ power, median | 0.845 [0.803, 0.876] | 0.829 [0.793, 0.859] | 0.886 [0.849, 0.916] | p = 0.029, (U = 122) | MWU, so no Levene's test run. |
| Relative δ power, STDEV | 0.059 [0.048, 0.093] | 0.071 [0.056, 0.097] | 0.049 [0.041, 0.059] | p = 0.048, (U = 42) | MWU, so no Levene's test run. |
| Relative δ power, IQR | 0.075 [0.060, 0.118] | 0.084 [0.064, 0.123] | 0.071 [0.054, 0.090] | p = 0.356, (U = 62) | MWU, so no Levene's test run. |
| Relative δ power, Theil-Sen slope | 0.030 [-0.057, 0.052] | 0.018 [-0.110, 0.044] | 0.030 [-0.017, 0.053] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| Relative δ power, RMSE for Theil-Sen line of best fit | 0.050 [0.043, 0.086] | 0.065 [0.046, 0.095] | 0.044 [0.039, 0.049] | p = 0.048, (U = 42) | MWU, so no Levene's test run. |
| Relative δ power, Mann-Kendall τ value | 0.036 (0.060) | -0.021 (0.079) | 0.127 (0.089) | p = 0.239 (t = 1) | Equal variances assumed. |

δ band higuchi fractal dimension

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|---------------------------|-------------------------------|---------------------------|---------------------|-------------------------------|
| δ band higuchi fractal dimension, mean | 1.010 (2.704e-04) | 1.010 (3.162e-04) | 1.009 (4.747e-04) | p = 0.197 (t = -1) | Equal variances assumed. |
| δ band higuchi fractal dimension, median | 1.010 (2.715e-04) | 1.010 (3.047e-04) | 1.009 (5.021e-04) | p = 0.222 (t = -1) | Equal variances assumed. |
| δ band higuchi fractal dimension, STDEV | 0.001 (7.665e-05) | 0.001 (9.440e-05) | 0.001 (1.346e-04) | p = 0.581 (t = -1) | Equal variances assumed. |
| δ band higuchi fractal dimension, IQR | 0.002 (1.488e-04) | 0.002 (1.659e-04) | 0.002 (2.895e-04) | p = 0.523 (t = 1) | Equal variances assumed. |
| δ band higuchi fractal dimension, Theil-Sen slope | 4.131e-05 [-0.002, 0.001] | 4.131e-05 [-0.001, 8.047e-05] | 8.982e-05 [-0.001, 0.001] | p = 0.979, (U = 81) | MWU, so no Levene's test run. |
| δ band higuchi fractal dimension, RMSE for Theil-Sen line of best fit | 0.001 (8.526e-05) | 0.001 (1.163e-04) | 0.001 (1.272e-04) | p = 0.734 (t = -0) | Equal variances assumed. |
| δ band higuchi fractal dimension, Mann-Kendall τ value | -0.001 (0.061) | 0.014 (0.083) | -0.026 (0.093) | p = 0.758 (t = -0) | Equal variances assumed. |

δ band shannon entropy

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|------------------------|-----------------------|----------------------|-------------------------------|
| δ band shannon entropy, mean | 0.826 (0.011) | 0.842 (0.013) | 0.801 (0.018) | p = 0.070 (t = -2) | Equal variances assumed. |
| δ band shannon entropy, median | 0.833 (0.012) | 0.850 (0.014) | 0.805 (0.019) | p = 0.068 (t = -2) | Equal variances assumed. |
| δ band shannon entropy, STDEV | 0.063 (0.003) | 0.064 (0.004) | 0.061 (0.006) | p = 0.672 (t = -0) | Equal variances assumed. |
| δ band shannon entropy, IQR | 0.082 (0.006) | 0.082 (0.008) | 0.082 (0.011) | p = 0.965 (t = 0) | Equal variances assumed. |
| δ band shannon entropy, Theil-Sen slope | 0.010 [-0.057, 0.053] | -0.004 [-0.073, 0.026] | 0.027 [-0.004, 0.064] | p = 0.257, (U = 102) | MWU, so no Levene's test run. |
| δ band shannon entropy, RMSE for Theil-Sen line of best fit | 0.059 (0.003) | 0.059 (0.004) | 0.059 (0.006) | p = 0.977 (t = -0) | Equal variances assumed. |
| δ band shannon entropy, Mann-Kendall τ value | 0.004 (0.057) | -0.037 (0.080) | 0.070 (0.076) | p = 0.375 (t = 1) | Equal variances assumed. |

δ band spectral difference

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|--------------------------------|------------------------------|----------------------------------|---------------------|-------------------------------|
| δ band spectral difference, mean | 0.004 (4.939e-04) | 0.004 (5.552e-04) | 0.004 (9.695e-04) | p = 0.976 (t = -0) | Equal variances assumed. |
| δ band spectral difference, median | 0.002 [5.940e-04, 0.006] | 0.003 [6.012e-04, 0.005] | 0.002 [4.618e-04, 0.006] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| δ band spectral difference, STDEV | 0.003 (2.317e-04) | 0.003 (2.465e-04) | 0.003 (4.736e-04) | p = 0.776 (t = -0) | Equal variances assumed. |
| δ band spectral difference, IQR | 0.004 [0.002, 0.005] | 0.004 [0.002, 0.005] | 0.003 [0.002, 0.006] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| δ band spectral difference, Theil-Sen slope | -2.211e-04 [-0.002, 1.695e-04] | 4.52e-04 [-0.004, 6.237e-04] | 3.87e-05 [-4.600e-04, 1.695e-04] | p = 0.356, (U = 98) | MWU, so no Levene's test run. |
| δ band spectral difference, RMSE for Theil-Sen line of best fit | 0.003 (2.204e-04) | 0.003 (2.232e-04) | 0.003 (4.664e-04) | p = 0.882 (t = -0) | Equal variances assumed. |
| δ band spectral difference, Mann-Kendall τ value | -0.036 (0.034) | -0.057 (0.042) | -0.001 (0.058) | p = 0.434 (t = 1) | Equal variances assumed. |

δ band rEEG

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-------------------------|-------------------------|-------------------------|----------------------|-------------------------------|
| δ band rEEG, mean | 45.581 [23.639, 74.413] | 37.256 [22.385, 68.844] | 50.070 [34.273, 74.413] | p = 0.510, (U = 93) | MWU, so no Levene's test run. |
| δ band rEEG, median | 38.216 [16.673, 66.721] | 28.807 [16.263, 60.638] | 41.377 [25.692, 67.879] | p = 0.544, (U = 92) | MWU, so no Levene's test run. |
| δ band rEEG, STDEV | 30.308 [21.441, 39.330] | 28.932 [20.654, 37.979] | 31.492 [26.453, 39.330] | p = 0.544, (U = 92) | MWU, so no Levene's test run. |
| δ band rEEG, IQR | 30.279 (3.444) | 29.871 (4.559) | 30.933 (5.494) | p = 0.884 (t = 0) | Equal variances assumed. |
| δ band rEEG, Theil-Sen slope | 0.071 [-7.720, 8.444] | -3.524 [-11.602, 1.942] | 7.317 [-5.315, 9.640] | p = 0.108, (U = 111) | MWU, so no Levene's test run. |
| δ band rEEG, RMSE for Theil-Sen line of best fit | 30.850 [22.197, 38.967] | 29.689 [20.802, 37.968] | 31.444 [27.143, 39.235] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| δ band rEEG, Mann-Kendall τ value | 0.004 [-0.121, 0.119] | -0.034 [-0.162, 0.038] | 0.137 [-0.048, 0.234] | p = 0.025, (U = 123) | MWU, so no Levene's test run. |

δ band envelope mean value

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------------|----------------------------|----------------------------|----------------------|-------------------------------|
| δ band envelope mean value, mean | 503.247 [155.892, 1216.45] | 594.043 [140.674, 1023.62] | 477.338 [388.110, 1216.45] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| δ band envelope mean value, median | 320.235 [133.353, 862.861] | 52.564 [105.677, 698.112] | 123.011 [203.166, 1006.60] | p = 0.356, (U = 98) | MWU, so no Levene's test run. |
| δ band envelope mean value, STDEV | 476.016 [170.045, 736.456] | 46.885 [146.480, 811.005] | 224.671 [414.258, 608.923] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| δ band envelope mean value, IQR | 293.308 [134.928, 946.828] | 225.257 [97.134, 831.357] | 89.256 [262.313, 900.932] | p = 0.414, (U = 96) | MWU, so no Levene's test run. |
| δ band envelope mean value, Theil-Sen slope | 19.412 [-148.622, 196.920] | 22.448 [-159.333, 81.440] | 101.493 [-93.023, 483.712] | p = 0.280, (U = 101) | MWU, so no Levene's test run. |
| δ band envelope mean value, RMSE for Theil-Sen line of best fit | 533.771 (77.919) | 527.380 (113.424) | 543.997 (97.586) | p = 0.920 (t = 0) | Equal variances assumed. |
| δ band envelope mean value, Mann-Kendall τ value | 0.038 (0.064) | -0.030 (0.088) | 0.147 (0.085) | p = 0.187 (t = 1) | Equal variances assumed. |

δ band envelope standard deviation

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------------|------------------------------|------------------------------|----------------------|-------------------------------|
| δ band envelope standard deviation, mean | 750.589 [489.958, 1456.170] | 703.370 [404.576, 1446.983] | 739.003 [709.382, 1456.170] | p = 0.304, (U = 100) | MWU, so no Levene's test run. |
| δ band envelope standard deviation, median | 421.350 [264.169, 993.173] | 456.296 [178.048, 753.035] | 438.400 [358.561, 1088.125] | p = 0.216, (U = 104) | MWU, so no Levene's test run. |
| δ band envelope standard deviation, STDEV | 1159.831 [723.298, 1936.165] | 1053.423 [776.763, 1695.743] | 1135.452 [659.700, 2106.099] | p = 0.544, (U = 92) | MWU, so no Levene's test run. |
| δ band envelope standard deviation, IQR | 543.412 [326.631, 1257.125] | 451.805 [295.746, 1092.983] | 430.601 [424.054, 1257.125] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| δ band envelope standard deviation, Theil-Sen slope | 33.146 [-120.868, 425.620] | 49.303 [-118.224, 191.509] | 41.145 [-79.824, 643.021] | p = 0.385, (U = 97) | MWU, so no Levene's test run. |
| δ band envelope standard deviation, RMSE for Theil-Sen line of best fit | 1347.341 (190.528) | 1146.940 (180.260) | 1667.982 (396.183) | p = 0.189 (t = 1) | Equal variances assumed. |
| δ band envelope standard deviation, Mann-Kendall τ value | 0.036 (0.059) | -0.022 (0.086) | 0.129 (0.060) | p = 0.219 (t = 1) | Equal variances assumed. |

δ band kurtosis

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|-----------------------|-----------------------|---------------------|-------------------------------|
| δ band kurtosis, mean | 6.766 [4.054, 11.181] | 6.766 [4.653, 10.508] | 6.553 [4.054, 12.138] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| δ band kurtosis, median | 4.706 [3.345, 7.528] | 4.317 [3.481, 7.680] | 4.950 [3.345, 6.946] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| δ band kurtosis, STDEV | 7.158 (1.172) | 7.063 (1.486) | 7.312 (2.008) | p = 0.920 (t = 0) | Equal variances assumed. |
| δ band kurtosis, IQR | 2.631 [0.757, 6.295] | 2.631 [0.889, 6.235] | 3.030 [0.775, 8.744] | p = 0.813, (U = 85) | MWU, so no Levene's test run. |
| δ band kurtosis, Theil-Sen slope | 0.737 (0.455) | 1.059 (0.557) | 0.221 (0.788) | p = 0.382 (t = -1) | Equal variances assumed. |
| δ band kurtosis, RMSE for Theil-Sen line of best fit | 7.378 (1.221) | 7.235 (1.526) | 7.608 (2.132) | p = 0.885 (t = 0) | Equal variances assumed. |
| δ band kurtosis, Mann-Kendall τ value | 0.077 [-0.054, 0.175] | 0.104 [-0.007, 0.184] | 0.077 [-0.187, 0.146] | p = 0.385, (U = 63) | MWU, so no Levene's test run. |

Mean δ band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|---------------------------|---------------------------|----------------------------|----------------------|-------------------------------|
| Mean δ band power, mean | 251.625 [77.946, 608.232] | 197.023 [70.338, 511.818] | 273.670 [194.057, 608.232] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| Mean δ band power, median | 160.119 [66.677, 431.436] | 76.282 [52.839, 349.062] | 206.507 [101.584, 503.309] | p = 0.356, (U = 98) | MWU, so no Levene's test run. |
| Mean δ band power, STDEV | 238.008 [85.025, 368.233] | 223.444 [73.240, 405.505] | 262.336 [207.130, 304.463] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| Mean δ band power, IQR | 146.657 [67.465, 473.417] | 112.622 [48.567, 415.679] | 194.629 [131.162, 450.470] | p = 0.414, (U = 96) | MWU, so no Levene's test run. |
| Mean δ band power, Theil-Sen slope | 9.706 [-74.298, 98.441] | -11.224 [-79.667, 40.713] | 50.748 [-46.512, 241.854] | p = 0.280, (U = 101) | MWU, so no Levene's test run. |
| Mean δ band power, RMSE for Theil-Sen line of best fit | 266.887 (38.960) | 263.691 (56.712) | 272.001 (48.793) | p = 0.920 (t = 0) | Equal variances assumed. |
| Mean δ band power, Mann-Kendall τ value | 0.038 (0.064) | -0.030 (0.088) | 0.147 (0.085) | p = 0.187 (t = 1) | Equal variances assumed. |

Standard deviation of δ band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-------------------------|----------------------|-------------------------------|
| Standard deviation of δ band power, mean | 14.112 [8.290, 23.934] | 12.120 [7.947, 21.410] | 15.264 [12.288, 23.934] | p = 0.414, (U = 96) | MWU, so no Levene's test run. |
| Standard deviation of δ band power, median | 12.617 [8.163, 20.745] | 8.734 [7.269, 18.683] | 14.354 [9.846, 22.424] | p = 0.356, (U = 98) | MWU, so no Levene's test run. |
| Standard deviation of δ band power, STDEV | 6.040 (0.584) | 6.020 (0.883) | 6.070 (0.619) | p = 0.968 (t = 0) | Equal variances assumed. |
| Standard deviation of δ band power, IQR | 6.030 [3.451, 10.803] | 5.215 [3.139, 10.893] | 7.293 [5.240, 10.099] | p = 0.617, (U = 90) | MWU, so no Levene's test run. |
| Standard deviation of δ band power, Theil-Sen slope | 0.761 [-2.774, 3.995] | -1.386 [-3.084, 1.870] | 3.309 [-1.301, 5.366] | p = 0.197, (U = 105) | MWU, so no Levene's test run. |
| Standard deviation of δ band power, RMSE for Theil-Sen line of best fit | 5.550 (0.470) | 5.451 (0.701) | 5.708 (0.529) | p = 0.797 (t = 0) | Equal variances assumed. |
| Standard deviation of δ band power, Mann-Kendall τ value | 0.038 (0.064) | -0.030 (0.088) | 0.147 (0.085) | p = 0.187 (t = 1) | Equal variances assumed. |

δ band rEEG proportion between 0 and 10 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|-----------------------|-----------------------|---------------------|-------------------------------|
| δ band rEEG proportion between 0 and 10 uv, mean | 0.016 [0.000, 0.203] | 0.032 [0.000, 0.210] | 0.001 [0.000, 0.063] | p = 0.529, (U = 68) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 0 and 10 uv, median | 0.000 [0.000, 0.146] | 0.000 [0.000, 0.154] | 0.000 [0.000, 0.000] | p = 0.438, (U = 67) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 0 and 10 uv, STDEV | 0.028 [0.000, 0.150] | 0.051 [0.000, 0.150] | 0.005 [0.000, 0.133] | p = 0.529, (U = 68) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 0 and 10 uv, IQR | 0.000 [0.000, 0.192] | 0.050 [0.000, 0.233] | 0.000 [0.000, 0.000] | p = 0.135, (U = 54) | MWU, so no Levene's test run. |
| δ band 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. |
| δ band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit | 0.032 [0.000, 0.140] | 0.060 [0.000, 0.146] | 0.006 [0.000, 0.124] | p = 0.493, (U = 67) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value | 0.000 [-0.115, 0.065] | 0.000 [-0.005, 0.108] | 0.000 [-0.344, 0.000] | p = 0.084, (U = 48) | MWU, so no Levene's test run. |

δ band rEEG proportion between 10 and 25 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|-----------------------|----------------------|---------------------|-------------------------------|
| δ band rEEG proportion between 10 and 25 uv, mean | 0.155 [0.008, 0.426] | 0.285 [0.008, 0.451] | 0.095 [0.008, 0.190] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 10 and 25 uv, median | 0.100 [0.000, 0.450] | 0.300 [0.000, 0.475] | 0.067 [0.000, 0.175] | p = 0.294, (U = 60) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 10 and 25 uv, STDEV | 0.105 (0.017) | 0.111 (0.022) | 0.096 (0.028) | p = 0.684 (t = -0) | Equal variances assumed. |
| δ band rEEG proportion between 10 and 25 uv, IQR | 0.133 [0.000, 0.185] | 0.150 [0.000, 0.215] | 0.133 [0.000, 0.158] | p = 0.572, (U = 69) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 10 and 25 uv, Theil-Sen slope | 0.000 [-0.065, 0.000] | 0.000 [-0.084, 0.012] | 0.000 [0.000, 0.000] | p = 0.560, (U = 91) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit | 0.099 (0.016) | 0.107 (0.022) | 0.086 (0.022) | p = 0.536 (t = -1) | Equal variances assumed. |
| δ band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value | -0.032 (0.051) | -0.050 (0.064) | -0.003 (0.090) | p = 0.666 (t = 0) | Equal variances assumed. |

δ band rEEG proportion between 25 and 50 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|------------------------|-----------------------|---------------------|-------------------------------|
| δ band rEEG proportion between 25 and 50 uv, mean | 0.242 [0.135, 0.302] | 0.249 [0.127, 0.291] | 0.226 [0.172, 0.419] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 25 and 50 uv, median | 0.252 (0.039) | 0.245 (0.046) | 0.263 (0.073) | p = 0.823 (t = 0) | Equal variances assumed. |
| δ band rEEG proportion between 25 and 50 uv, STDEV | 0.159 (0.011) | 0.154 (0.011) | 0.165 (0.022) | p = 0.634 (t = 0) | Equal variances assumed. |
| δ band rEEG proportion between 25 and 50 uv, IQR | 0.196 [0.167, 0.267] | 0.179 [0.167, 0.248] | 0.250 [0.167, 0.317] | p = 0.460, (U = 94) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 25 and 50 uv, Theil-Sen slope | 0.000 [-0.118, 0.129] | -0.019 [-0.130, 0.079] | 0.017 [-0.024, 0.209] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit | 0.141 (0.010) | 0.137 (0.010) | 0.147 (0.022) | p = 0.671 (t = 0) | Equal variances assumed. |
| δ band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value | 0.038 (0.075) | -0.017 (0.095) | 0.127 (0.125) | p = 0.359 (t = 1) | Equal variances assumed. |

δ band rEEG proportion between 50 and 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|-----------------------|------------------------|----------------------|-------------------------------|
| δ band rEEG proportion between 50 and 100 uv, mean | 0.248 [0.055, 0.447] | 0.164 [0.049, 0.418] | 0.295 [0.124, 0.550] | p = 0.216, (U = 104) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 50 and 100 uv, median | 0.200 [0.033, 0.467] | 0.067 [0.025, 0.417] | 0.242 [0.075, 0.542] | p = 0.353, (U = 98) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 50 and 100 uv, STDEV | 0.139 (0.015) | 0.137 (0.020) | 0.144 (0.022) | p = 0.824 (t = 0) | Equal variances assumed. |
| δ band rEEG proportion between 50 and 100 uv, IQR | 0.174 (0.024) | 0.160 (0.029) | 0.197 (0.043) | p = 0.478 (t = 1) | Equal variances assumed. |
| δ band rEEG proportion between 50 and 100 uv, Theil-Sen slope | 0.000 [-0.138, 0.027] | 0.000 [-0.065, 0.000] | -0.038 [-0.163, 0.049] | p = 0.708, (U = 72) | MWU, so no Levene's test run. |
| δ band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit | 0.136 (0.015) | 0.133 (0.020) | 0.140 (0.023) | p = 0.837 (t = 0) | Equal variances assumed. |
| δ band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value | -0.020 (0.058) | -0.027 (0.073) | -0.008 (0.098) | p = 0.875 (t = 0) | Equal variances assumed. |

δ band rEEG proportion over 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|----------------------|----------------------|----------------------|----------------------|-------------------------------|
| δ band rEEG proportion over 100 uv, mean | 0.035 [0.010, 0.171] | 0.028 [0.006, 0.123] | 0.050 [0.025, 0.171] | p = 0.330, (U = 99) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, median | 0.000 [0.000, 0.058] | 0.000 [0.000, 0.033] | 0.017 [0.000, 0.104] | p = 0.416, (U = 94) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, STDEV | 0.070 [0.022, 0.183] | 0.056 [0.019, 0.188] | 0.081 [0.053, 0.175] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, IQR | 0.033 [0.000, 0.250] | 0.033 [0.000, 0.158] | 0.083 [0.033, 0.250] | p = 0.282, (U = 100) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, Theil-Sen slope | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.129] | p = 0.238, (U = 98) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, RMSE for Theil-Sen line of best fit | 0.078 [0.024, 0.179] | 0.063 [0.019, 0.193] | 0.087 [0.059, 0.165] | p = 0.693, (U = 88) | MWU, so no Levene's test run. |
| δ band rEEG proportion over 100 uv, Mann-Kendall τ value | 0.041 (0.054) | 0.019 (0.075) | 0.076 (0.074) | p = 0.616 (t = 1) | Equal variances assumed. |

δ skew

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|-----------------------|------------------------|---------------------|-------------------------------|
| δ skew, mean | 0.333 (0.040) | 0.314 (0.046) | 0.362 (0.074) | p = 0.565 (t = 1) | Equal variances assumed. |
| δ skew, median | 0.155 [0.116, 0.311] | 0.147 [0.121, 0.259] | 0.198 [0.106, 0.349] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| δ skew, STDEV | 0.364 [0.138, 0.701] | 0.302 [0.168, 0.677] | 0.383 [0.154, 0.784] | p = 0.580, (U = 91) | MWU, so no Levene's test run. |
| δ skew, IQR | 0.310 (0.040) | 0.292 (0.046) | 0.337 (0.075) | p = 0.591 (t = 1) | Equal variances assumed. |
| δ skew, Theil-Sen slope | 0.007 [-0.023, 0.110] | 0.023 [-0.017, 0.130] | -0.011 [-0.043, 0.029] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| δ skew, RMSE for Theil-Sen line of best fit | 0.372 [0.140, 0.732] | 0.305 [0.174, 0.696] | 0.387 [0.156, 0.834] | p = 0.544, (U = 92) | MWU, so no Levene's test run. |
| δ skew, Mann-Kendall τ value | 0.039 (0.025) | 0.062 (0.037) | 0.002 (0.029) | p = 0.266 (t = -1) | Equal variances assumed. |

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-04] | -5.12e-04 [-0.004, 7.162e-04] | -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. |

θ-δ ratio

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| θ-δ ratio, mean | 0.108 (0.009) | 0.126 (0.012) | 0.081 (0.009) | p = 0.014 (t = -3) | Equal variances assumed. |
| θ-δ ratio, median | 0.101 (0.009) | 0.118 (0.011) | 0.074 (0.009) | p = 0.012 (t = -3) | Equal variances assumed. |
| θ-δ ratio, STDEV | 0.046 [0.038, 0.069] | 0.058 [0.044, 0.079] | 0.040 [0.038, 0.043] | p = 0.012, (U = 32) | MWU, so no Levene's test run. |
| θ-δ ratio, IQR | 0.067 (0.007) | 0.078 (0.010) | 0.050 (0.006) | p = 0.032 (t = -2) | Equal variances not assumed. |
| θ-δ ratio, Theil-Sen slope | -0.018 [-0.051, 0.037] | -0.008 [-0.047, 0.053] | -0.020 [-0.049, 0.018] | p = 0.477, (U = 66) | MWU, so no Levene's test run. |
| θ-δ ratio, RMSE for Theil-Sen line of best fit | 0.041 [0.036, 0.062] | 0.057 [0.037, 0.077] | 0.038 [0.036, 0.040] | p = 0.054, (U = 43) | MWU, so no Levene's test run. |
| θ-δ ratio, Mann-Kendall τ value | -0.039 (0.066) | 0.018 (0.089) | -0.129 (0.092) | p = 0.285 (t = -1) | Equal variances assumed. |

Absolute θ power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-------------------------|-------------------------|-------------------------|---------------------|-------------------------------|
| Absolute θ power, mean | 20.701 [9.304, 40.570] | 16.901 [9.116, 41.037] | 22.957 [11.771, 26.451] | p = 0.937, (U = 78) | MWU, so no Levene's test run. |
| Absolute θ power, median | 16.356 [6.315, 28.943] | 12.829 [6.838, 30.519] | 20.010 [8.125, 27.226] | p = 0.937, (U = 82) | MWU, so no Levene's test run. |
| Absolute θ power, STDEV | 11.564 [7.402, 15.845] | 12.212 [7.122, 19.114] | 10.095 [8.058, 12.274] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| Absolute θ power, IQR | 12.917 (1.527) | 14.213 (2.183) | 10.843 (1.829) | p = 0.292 (t = -1) | Equal variances assumed. |
| Absolute θ power, Theil-Sen slope | -1.232 [-13.860, 4.374] | -1.232 [-12.878, 9.717] | -0.828 [-16.482, 3.851] | p = 0.732, (U = 73) | MWU, so no Levene's test run. |
| Absolute θ power, RMSE for Theil-Sen line of best fit | 9.047 [6.206, 14.831] | 10.123 [6.051, 18.244] | 8.605 [6.691, 12.097] | p = 0.617, (U = 70) | MWU, so no Levene's test run. |
| Absolute θ power, Mann-Kendall τ value | -0.017 (0.078) | -0.010 (0.105) | -0.029 (0.120) | p = 0.906 (t = -0) | Equal variances assumed. |

Relative θ power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| Relative θ power, mean | 0.083 (0.006) | 0.094 (0.008) | 0.066 (0.007) | p = 0.016 (t = -3) | Equal variances assumed. |
| Relative θ power, median | 0.082 (0.006) | 0.094 (0.008) | 0.063 (0.007) | p = 0.013 (t = -3) | Equal variances assumed. |
| Relative θ power, STDEV | 0.033 [0.029, 0.041] | 0.040 [0.031, 0.050] | 0.031 [0.027, 0.033] | p = 0.033, (U = 39) | MWU, so no Levene's test run. |
| Relative θ power, IQR | 0.045 (0.004) | 0.049 (0.006) | 0.037 (0.006) | p = 0.181 (t = -1) | Equal variances assumed. |
| Relative θ power, Theil-Sen slope | -0.014 [-0.037, 0.015] | -0.003 [-0.037, 0.040] | -0.020 [-0.042, 0.007] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| Relative θ power, RMSE for Theil-Sen line of best fit | 0.029 [0.025, 0.040] | 0.038 [0.024, 0.048] | 0.028 [0.025, 0.030] | p = 0.087, (U = 47) | MWU, so no Levene's test run. |
| Relative θ power, Mann-Kendall τ value | -0.054 (0.065) | 0.006 (0.088) | -0.150 (0.089) | p = 0.247 (t = -1) | Equal variances assumed. |

θ band higuchi fractal dimension

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|--------------------------------|-----------------------------|-------------------------------|---------------------|-------------------------------|
| θ band higuchi fractal dimension, mean | 1.052 [1.051, 1.053] | 1.052 [1.050, 1.053] | 1.052 [1.051, 1.052] | p = 0.854, (U = 84) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, median | 1.052 [1.051, 1.053] | 1.052 [1.050, 1.053] | 1.051 [1.051, 1.052] | p = 0.693, (U = 88) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, STDEV | 0.002 [0.002, 0.003] | 0.002 [0.002, 0.002] | 0.002 [0.001, 0.003] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, IQR | 0.003 [0.002, 0.003] | 0.003 [0.002, 0.003] | 0.003 [0.002, 0.004] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, Theil-Sen slope | -4.989e-04 [-0.002, 9.057e-05] | -1.548e-04 [-0.002, 0.0015] | 5.342e-04 [-0.002, 2.462e-03] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, RMSE for Theil-Sen line of best fit | 0.002 [0.001, 0.002] | 0.002 [0.002, 0.002] | 0.002 [0.001, 0.003] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| θ band higuchi fractal dimension, Mann-Kendall τ value | -0.041 (0.051) | -0.007 (0.071) | -0.095 (0.072) | p = 0.418 (t = -1) | Equal variances assumed. |

θ band shannon entropy

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|------------------------|------------------------|-------------------------|---------------------|-------------------------------|
| θ band shannon entropy, mean | 0.946 [0.927, 0.966] | 0.953 [0.927, 0.967] | 0.939 [0.927, 0.960] | p = 0.544, (U = 68) | MWU, so no Levene's test run. |
| θ band shannon entropy, median | 0.953 [0.932, 0.974] | 0.961 [0.932, 0.977] | 0.947 [0.935, 0.966] | p = 0.477, (U = 66) | MWU, so no Levene's test run. |
| θ band shannon entropy, STDEV | 0.031 [0.022, 0.036] | 0.030 [0.026, 0.033] | 0.033 [0.021, 0.048] | p = 0.732, (U = 87) | MWU, so no Levene's test run. |
| θ band shannon entropy, IQR | 0.035 [0.026, 0.051] | 0.033 [0.027, 0.041] | 0.050 [0.022, 0.062] | p = 0.385, (U = 97) | MWU, so no Levene's test run. |
| θ band shannon entropy, Theil-Sen slope | -0.007 [-0.026, 0.005] | -0.002 [-0.029, 0.012] | -0.011 [-0.024, -0.005] | p = 0.257, (U = 58) | MWU, so no Levene's test run. |
| θ band shannon entropy, RMSE for Theil-Sen line of best fit | 0.028 [0.021, 0.038] | 0.028 [0.021, 0.033] | 0.027 [0.021, 0.049] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| θ band shannon entropy, Mann-Kendall τ value | -0.077 (0.046) | -0.016 (0.062) | -0.175 (0.058) | p = 0.096 (t = -2) | Equal variances assumed. |

θ band spectral difference

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|----------------------------|-----------------------------------|----------------------------|---------------------|-------------------------------|
| θ band spectral difference, mean | 0.005 [0.002, 0.010] | 0.004 [0.002, 0.010] | 0.007 [0.002, 0.009] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| θ band spectral difference, median | 0.003 [6.763e-04, 0.007] | 0.002 [6.106e-04, 0.006] | 0.004 [0.001, 0.007] | p = 0.544, (U = 92) | MWU, so no Levene's test run. |
| θ band spectral difference, STDEV | 0.006 (7.258e-04) | 0.006 (8.200e-04) | 0.007 (0.001) | p = 0.712 (t = 0) | Equal variances assumed. |
| θ band spectral difference, IQR | 0.005 [0.002, 0.009] | 0.003 [0.002, 0.009] | 0.007 [0.003, 0.009] | p = 0.772, (U = 86) | MWU, so no Levene's test run. |
| θ band spectral difference, Theil-Sen slope | -7.146e-05 [-0.002, 0.002] | -7.22e-05 [-5.592e-04, 8.282e-04] | -8.407e-05 [-0.003, 0.002] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| θ band spectral difference, RMSE for Theil-Sen line of best fit | 0.006 (6.958e-04) | 0.006 (8.326e-04) | 0.006 (0.001) | p = 0.797 (t = 0) | Equal variances assumed. |
| θ band spectral difference, Mann-Kendall τ value | 0.011 (0.044) | 0.034 (0.056) | -0.027 (0.075) | p = 0.508 (t = -1) | Equal variances assumed. |

θ band rEEG

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|------------------------|---------------------|-------------------------------|
| θ band rEEG, mean | 13.336 [7.369, 18.185] | 10.861 [7.406, 18.314] | 14.089 [8.653, 15.298] | p = 0.979, (U = 81) | MWU, so no Levene's test run. |
| θ band rEEG, median | 10.727 (1.172) | 10.371 (1.489) | 11.296 (1.987) | p = 0.709 (t = 0) | Equal variances assumed. |
| θ band rEEG, STDEV | 6.749 [5.970, 9.062] | 7.342 [6.220, 9.162] | 6.246 [5.702, 6.848] | p = 0.216, (U = 56) | MWU, so no Levene's test run. |
| θ band rEEG, IQR | 6.721 (0.496) | 7.159 (0.684) | 6.021 (0.667) | p = 0.273 (t = -1) | Equal variances assumed. |
| θ band rEEG, Theil-Sen slope | -0.157 [-3.993, 2.191] | -0.157 [-3.255, 1.455] | -0.446 [-4.580, 2.328] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| θ band rEEG, RMSE for Theil-Sen line of best fit | 6.576 [5.970, 8.884] | 7.369 [6.036, 9.027] | 6.302 [5.633, 6.595] | p = 0.236, (U = 57) | MWU, so no Levene's test run. |
| θ band rEEG, Mann-Kendall τ value | -0.021 (0.042) | -0.038 (0.054) | 0.006 (0.070) | p = 0.617 (t = 1) | Equal variances assumed. |

θ band envelope mean value

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-------------------------|--------------------------|-------------------------|---------------------|-------------------------------|
| θ band envelope mean value, mean | 37.165 [16.810, 72.245] | 29.825 [16.351, 72.918] | 41.426 [21.167, 47.417] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| θ band envelope mean value, median | 29.479 [11.667, 52.005] | 22.818 [12.266, 54.450] | 36.586 [14.752, 49.065] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| θ band envelope mean value, STDEV | 20.428 [13.253, 28.592] | 21.923 [12.623, 33.636] | 17.960 [14.743, 21.966] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| θ band envelope mean value, IQR | 22.943 (2.705) | 25.259 (3.869) | 19.238 (3.236) | p = 0.288 (t = -1) | Equal variances assumed. |
| θ band envelope mean value, Theil-Sen slope | -2.146 [-24.607, 7.802] | -2.146 [-23.215, 17.093] | -1.510 [-29.662, 6.809] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| θ band envelope mean value, RMSE for Theil-Sen line of best fit | 16.009 [11.001, 26.892] | 18.024 [10.557, 32.385] | 15.265 [12.142, 21.663] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| θ band envelope mean value, Mann-Kendall τ value | -0.017 (0.078) | -0.010 (0.106) | -0.029 (0.120) | p = 0.909 (t = -0) | Equal variances assumed. |

θ band envelope standard deviation

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|--------------------------|--------------------------|-------------------------|---------------------|-------------------------------|
| θ band envelope standard deviation, mean | 77.147 (9.394) | 81.890 (13.176) | 69.559 (12.805) | p = 0.534 (t = -1) | Equal variances assumed. |
| θ band envelope standard deviation, median | 51.386 (6.445) | 53.210 (8.123) | 48.468 (11.069) | p = 0.728 (t = -0) | Equal variances assumed. |
| θ band envelope standard deviation, STDEV | 56.185 [30.394, 95.319] | 56.185 [27.088, 162.617] | 62.796 [42.242, 86.788] | p = 0.854, (U = 76) | MWU, so no Levene's test run. |
| θ band envelope standard deviation, IQR | 40.171 [26.840, 62.911] | 46.111 [37.044, 73.504] | 36.454 [23.587, 57.327] | p = 0.385, (U = 63) | MWU, so no Levene's test run. |
| θ band envelope standard deviation, Theil-Sen slope | 0.217 [-32.347, 16.082] | -1.922 [-34.734, 45.915] | 1.084 [-18.227, 7.223] | p = 0.772, (U = 74) | MWU, so no Levene's test run. |
| θ band envelope standard deviation, RMSE for Theil-Sen line of best fit | 52.477 [29.800, 100.875] | 52.477 [26.277, 163.233] | 65.652 [38.138, 91.809] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| θ band envelope standard deviation, Mann-Kendall τ value | -0.013 (0.068) | -0.019 (0.096) | -0.004 (0.094) | p = 0.918 (t = 0) | Equal variances assumed. |

θ band kurtosis

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|------------------------|------------------------|---------------------|-------------------------------|
| θ band kurtosis, mean | 7.800 [4.882, 13.293] | 7.992 [6.863, 13.278] | 6.234 [4.882, 14.522] | p = 0.510, (U = 67) | MWU, so no Levene's test run. |
| θ band kurtosis, median | 5.065 [3.948, 9.483] | 5.840 [4.069, 9.874] | 4.976 [3.914, 7.546] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| θ band kurtosis, STDEV | 7.303 [3.390, 16.098] | 9.538 [4.120, 16.026] | 4.879 [2.802, 18.285] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| θ band kurtosis, IQR | 4.464 [1.316, 7.088] | 4.626 [2.275, 6.433] | 3.846 [1.083, 7.632] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| θ band kurtosis, Theil-Sen slope | 0.118 [-1.350, 0.993] | 0.118 [-1.259, 1.290] | -0.015 [-1.291, 0.591] | p = 0.732, (U = 73) | MWU, so no Levene's test run. |
| θ band kurtosis, RMSE for Theil-Sen line of best fit | 7.604 [3.438, 16.527] | 10.102 [4.167, 16.517] | 4.905 [2.784, 19.150] | p = 0.617, (U = 70) | MWU, so no Levene's test run. |
| θ band kurtosis, Mann-Kendall τ value | -0.016 (0.041) | -0.017 (0.051) | -0.015 (0.073) | p = 0.980 (t = 0) | Equal variances assumed. |

Mean θ band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-------------------------|-------------------------|-------------------------|---------------------|-------------------------------|
| Mean θ band power, mean | 18.582 [8.405, 36.122] | 14.913 [8.176, 36.459] | 20.713 [10.583, 23.708] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| Mean θ band power, median | 14.740 [5.834, 26.003] | 11.409 [6.133, 27.225] | 18.293 [7.376, 24.533] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| Mean θ band power, STDEV | 10.214 [6.627, 14.296] | 10.962 [6.311, 16.818] | 8.980 [7.372, 10.983] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| Mean θ band power, IQR | 11.471 (1.353) | 12.629 (1.934) | 9.619 (1.618) | p = 0.288 (t = -1) | Equal variances assumed. |
| Mean θ band power, Theil-Sen slope | -1.073 [-12.304, 3.901] | -1.073 [-11.607, 8.547] | -0.755 [-14.831, 3.404] | p = 0.693, (U = 72) | MWU, so no Levene's test run. |
| Mean θ band power, RMSE for Theil-Sen line of best fit | 8.004 [5.501, 13.446] | 9.012 [5.278, 16.192] | 7.632 [6.071, 10.832] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| Mean θ band power, Mann-Kendall τ value | -0.017 (0.078) | -0.010 (0.106) | -0.029 (0.120) | p = 0.909 (t = -0) | Equal variances assumed. |

Standard deviation of θ band power

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|------------------------|------------------------|-----------------------|---------------------|-------------------------------|
| Standard deviation of θ band power, mean | 4.043 (0.348) | 4.056 (0.449) | 4.023 (0.578) | p = 0.964 (t = -0) | Equal variances assumed. |
| Standard deviation of θ band power, median | 3.836 (0.358) | 3.816 (0.443) | 3.868 (0.636) | p = 0.946 (t = 0) | Equal variances assumed. |
| Standard deviation of θ band power, STDEV | 1.203 (0.101) | 1.315 (0.137) | 1.024 (0.135) | p = 0.165 (t = -1) | Equal variances assumed. |
| Standard deviation of θ band power, IQR | 1.458 (0.137) | 1.579 (0.194) | 1.264 (0.167) | p = 0.271 (t = -1) | Equal variances assumed. |
| Standard deviation of θ band power, Theil-Sen slope | -0.222 [-1.228, 0.816] | -0.285 [-1.194, 1.138] | 0.176 [-1.203, 0.776] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| Standard deviation of θ band power, RMSE for Theil-Sen line of best fit | 1.048 (0.104) | 1.124 (0.145) | 0.927 (0.137) | p = 0.366 (t = -1) | Equal variances assumed. |
| Standard deviation of θ band power, Mann-Kendall τ value | -0.017 (0.078) | -0.010 (0.106) | -0.029 (0.120) | p = 0.909 (t = -0) | Equal variances assumed. |

θ band rEEG proportion between 0 and 10 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------|-----------------------|-----------------------|---------------------|-------------------------------|
| θ band rEEG proportion between 0 and 10 uv, mean | 0.368 [0.092, 0.808] | 0.609 [0.081, 0.794] | 0.321 [0.145, 0.713] | p = 0.813, (U = 75) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 0 and 10 uv, median | 0.400 [0.067, 0.846] | 0.650 [0.058, 0.837] | 0.267 [0.100, 0.767] | p = 0.771, (U = 74) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 0 and 10 uv, STDEV | 0.143 (0.016) | 0.146 (0.020) | 0.140 (0.030) | p = 0.861 (t = -0) | Equal variances assumed. |
| θ band rEEG proportion between 0 and 10 uv, IQR | 0.133 [0.067, 0.283] | 0.150 [0.067, 0.308] | 0.133 [0.075, 0.225] | p = 0.792, (U = 74) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 0 and 10 uv, Theil-Sen slope | 0.000 [-0.039, 0.137] | 0.000 [-0.008, 0.113] | 0.000 [-0.111, 0.147] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 0 and 10 uv, RMSE for Theil-Sen line of best fit | 0.126 (0.014) | 0.130 (0.019) | 0.120 (0.023) | p = 0.745 (t = -0) | Equal variances assumed. |
| θ band rEEG proportion between 0 and 10 uv, Mann-Kendall τ value | 0.129 [-0.248, 0.427] | 0.129 [-0.150, 0.297] | 0.039 [-0.407, 0.470] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |

θ band rEEG proportion between 10 and 25 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|------------------------|-----------------------|---------------------|-------------------------------|
| θ band rEEG proportion between 10 and 25 uv, mean | 0.535 [0.161, 0.736] | 0.375 [0.175, 0.728] | 0.639 [0.255, 0.750] | p = 0.510, (U = 93) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 10 and 25 uv, median | 0.508 [0.133, 0.767] | 0.333 [0.133, 0.767] | 0.658 [0.229, 0.750] | p = 0.692, (U = 88) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 10 and 25 uv, STDEV | 0.153 (0.012) | 0.164 (0.013) | 0.135 (0.023) | p = 0.235 (t = -1) | Equal variances assumed. |
| θ band rEEG proportion between 10 and 25 uv, IQR | 0.167 [0.133, 0.252] | 0.188 [0.152, 0.267] | 0.150 [0.133, 0.179] | p = 0.445, (U = 65) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 10 and 25 uv, Theil-Sen slope | 0.000 [-0.145, 0.094] | 0.000 [-0.150, 0.057] | 0.000 [-0.145, 0.109] | p = 0.771, (U = 86) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 10 and 25 uv, RMSE for Theil-Sen line of best fit | 0.135 (0.011) | 0.145 (0.015) | 0.118 (0.016) | p = 0.244 (t = -1) | Equal variances assumed. |
| θ band rEEG proportion between 10 and 25 uv, Mann-Kendall τ value | 0.022 [-0.339, 0.282] | -0.049 [-0.263, 0.218] | 0.102 [-0.400, 0.415] | p = 0.510, (U = 93) | MWU, so no Levene's test run. |

θ band rEEG proportion between 25 and 50 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|--|-----------------------|-----------------------|----------------------|---------------------|-------------------------------|
| θ band rEEG proportion between 25 and 50 uv, mean | 0.041 [0.020, 0.126] | 0.037 [0.023, 0.140] | 0.048 [0.020, 0.061] | p = 0.813, (U = 75) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, median | 0.017 [0.000, 0.063] | 0.000 [0.000, 0.071] | 0.033 [0.000, 0.033] | p = 0.821, (U = 84) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, STDEV | 0.048 [0.039, 0.094] | 0.051 [0.037, 0.145] | 0.047 [0.041, 0.070] | p = 0.654, (U = 71) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, IQR | 0.067 [0.033, 0.100] | 0.067 [0.033, 0.127] | 0.050 [0.033, 0.067] | p = 0.421, (U = 64) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, Theil-Sen slope | 0.000 [-0.024, 0.000] | 0.000 [-0.048, 0.000] | 0.000 [0.000, 0.000] | p = 0.930, (U = 78) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, RMSE for Theil-Sen line of best fit | 0.056 [0.044, 0.076] | 0.059 [0.043, 0.087] | 0.051 [0.044, 0.067] | p = 0.580, (U = 69) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 25 and 50 uv, Mann-Kendall τ value | -0.062 (0.068) | -0.070 (0.093) | -0.048 (0.100) | p = 0.874 (t = 0) | Equal variances assumed. |

θ band rEEG proportion between 50 and 100 uv

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|--------------------------|--------------------------|--------------------------|---------------------|-------------------------------|
| θ band rEEG proportion between 50 and 100 uv, mean | 0.002 [4.833e-04, 0.005] | 0.002 [3.165e-04, 0.005] | 0.002 [7.202e-04, 0.003] | p = 0.979, (U = 81) | MWU, so no Levene's test run. |
| 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) | Equal variances not assumed. |
| θ band rEEG proportion between 50 and 100 uv, STDEV | 0.008 [0.004, 0.014] | 0.009 [0.003, 0.015] | 0.008 [0.006, 0.010] | p = 0.979, (U = 79) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 50 and 100 uv, IQR | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | 0.000 [0.000, 0.000] | p = 0.887, (U = 78) | MWU, so no Levene's test run. |
| 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) | Equal variances not assumed. |
| θ band rEEG proportion between 50 and 100 uv, RMSE for Theil-Sen line of best fit | 0.008 [0.004, 0.015] | 0.009 [0.003, 0.016] | 0.008 [0.006, 0.011] | p = 1.000, (U = 80) | MWU, so no Levene's test run. |
| θ band rEEG proportion between 50 and 100 uv, Mann-Kendall τ value | -0.013 (0.034) | 0.005 (0.048) | -0.042 (0.045) | p = 0.505 (t = -1) | Equal variances assumed. |

θ skew

| Variable | Group Values | No ND (n=16) | ND (n=10) | Test Results | Equal Var |
|---|-----------------------------------|-----------------------------------|-----------------------------------|---------------------|-------------------------------|
| θ skew, mean | 0.003 [0.002, 0.005] | 0.003 [0.002, 0.005] | 0.004 [0.002, 0.006] | p = 0.895, (U = 83) | MWU, so no Levene's test run. |
| θ skew, median | 0.001 [0.001, 0.002] | 0.001 [0.001, 0.002] | 0.001 [9.771e-04, 0.002] | p = 0.414, (U = 64) | MWU, so no Levene's test run. |
| θ skew, STDEV | 0.006 [0.004, 0.018] | 0.005 [0.003, 0.012] | 0.016 [0.005, 0.020] | p = 0.445, (U = 95) | MWU, so no Levene's test run. |
| θ skew, IQR | 0.002 [0.001, 0.003] | 0.002 [0.002, 0.003] | 0.001 [0.001, 0.003] | p = 0.304, (U = 60) | MWU, so no Levene's test run. |
| θ skew, Theil-Sen slope | 1.136e-04 [-3.247e-04, 3.928e-04] | 1.287e-04 [-2.096e-04, 4.209e-04] | 2.095e-05 [-3.247e-04, 3.240e-04] | p = 0.772, (U = 74) | MWU, so no Levene's test run. |
| θ skew, RMSE for Theil-Sen line of best fit | 0.006 [0.004, 0.018] | 0.006 [0.003, 0.012] | 0.016 [0.005, 0.020] | p = 0.477, (U = 94) | MWU, so no Levene's test run. |
| θ skew, Mann-Kendall τ value | 0.017 (0.020) | 0.019 (0.027) | 0.013 (0.029) | p = 0.891 (t = -0) | Equal variances assumed. |