**Estadísticas sobre el exponente de Hurst**

Diferencias significativas t de Welch (varianzas desiguales) independientes considerando las 10 primeras épocas de MOR entre CTRL y PMCI

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **CTRL** | | | | | **PMCI** | | | | | **t Welch** | | | | | |
| **Canal** | | **Hurst** | | | **sd** | | **Hurst** | | **sd** | | | **p** | | **T** | | **df** | |
| **Fp2** | | 1.227 | | | 0.160 | | 1.312 | | 0.193 | | | 0.050 | | -2.01 | | 52.6 | |
| **Fp1** | | 1.242 | | | 0.152 | | 1.268 | | 0.210 | | | 0.617 | | -0.51 | | 27.3 | |
| **F8** | | 1.251 | | | 0.163 | | 1.346 | | 0.167 | | | 0.008 | | -2.70 | | 82.7 | |
| **F7** | | 1.278 | | | 0.198 | | 1.379 | | 0.177 | | | 0.013 | | -2.55 | | 86.9 | |
| **F4** | | 1.225 | | | 0.206 | | 1.325 | | 0.209 | | | 0.025 | | -2.28 | | 83.1 | |
| **F3** | | 1.238 | | | 0.172 | | 1.250 | | 0.175 | | | 0.741 | | -0.33 | | 83.1 | |
| **T4** | | 1.253 | | | 0.181 | | 1.330 | | 0.152 | | | 0.029 | | -2.22 | | 87.8 | |
| **T3** | | 1.182 | | | 0.173 | | 1.265 | | 0.225 | | | 0.058 | | -1.93 | | 72.0 | |
| **C4** | | 1.210 | | | 0.144 | | 1.284 | | 0.168 | | | 0.029 | | -2.23 | | 77.4 | |
| **C3** | | 1.215 | | | 0.168 | | 1.233 | | 0.172 | | | 0.610 | | -0.51 | | 83.0 | |
| **T6** | | 1.085 | | | 0.253 | | 1.206 | | 0.531 | | | 0.189 | | -1.33 | | 53.0 | |
| **T5** | | 1.211 | | | 0.154 | | 1.324 | | 0.201 | | | 0.004 | | -2.94 | | 71.5 | |
| **P4** | | 1.154 | | | 0.154 | | 1.225 | | 0.170 | | | 0.044 | | -2.04 | | 79.5 | |
| **P3** | | 1.153 | | | 0.149 | | 1.229 | | 0.189 | | | 0.041 | | -2.08 | | 73.3 | |
| **O2** | | 1.185 | | | 0.109 | | 1.256 | | 0.203 | | | 0.050 | | -2.00 | | 56.7 | |
| **O1** | | 1.202 | | | 0.167 | | 1.212 | | 0.177 | | | 0.792 | | -0.26 | | 81.6 | |
| **FZ** | | 1.236 | | | 0.179 | | 1.246 | | 0.168 | | | 0.785 | | -0.27 | | 85.8 | |
| **CZ** | | 1.194 | | | 0.192 | | 1.261 | | 0.146 | | | 0.067 | | -1.85 | | 87.8 | |
| **PZ** | | 1.176 | | | 0.176 | | 1.218 | | 0.189 | | | 0.286 | | -1.07 | | 80.8 | |
| **LOG** | | 1.316 | | | 0.178 | | 1.523 | | 0.212 | | | 0.000 | | -4.92 | | 76.2 | |
| **ROG** | | 1.282 | | | 0.192 | | 1.473 | | 0.225 | | | 0.000 | | -4.26 | | 76.9 | |
| **EMG** | | 0.792 | | | 0.382 | | 0.861 | | 0.361 | | | 0.446 | | -0.77 | | 64.4 | |
| ~.05 | <0.05 | | <0.01 | | | <0.005 | | | | |
|  | | | | CTRL | | | | | | PMCI | | | | | t Welch | | | | |
| Canal | | | | Hurst | | | | sd | | Hurst | | | sd | | p | | T | | df |
| Fp1-Fp2 | | | | 1.1977 | | | | 0.173 | | 1.2212 | | | 0.132 | | 0.496 | | -0.68 | | 73.5 |
| F7-F8 | | | | 1.2630 | | | | 0.215 | | 1.3179 | | | 0.168 | | 0.177 | | -1.36 | | 88.0 |
| F3-F4 | | | | 1.2075 | | | | 0.204 | | 1.2326 | | | 0.162 | | 0.518 | | -0.65 | | 88.0 |
| T3-T4 | | | | 1.2163 | | | | 0.202 | | 1.2621 | | | 0.149 | | 0.218 | | -1.24 | | 87.5 |
| C3-C4 | | | | 1.1870 | | | | 0.199 | | 1.1973 | | | 0.119 | | 0.763 | | -0.30 | | 82.0 |
| T5-T6 | | | | 1.2004 | | | | 0.195 | | 1.2787 | | | 0.258 | | 0.116 | | -1.59 | | 71.1 |
| P3-P4 | | | | 1.1208 | | | | 0.192 | | 1.1582 | | | 0.131 | | 0.276 | | -1.10 | | 86.0 |
| O1-O2 | | | | 1.1722 | | | | 0.183 | | 1.1704 | | | 0.151 | | 0.960 | | 0.05 | | 87.9 |
| LOG-ROG | | | | 1.2557 | | | | 0.175 | | 1.4192 | | | 0.211 | | 0.000 | | -3.93 | | 75.4 |
| Fp1-P4 | | | | 1.1694 | | | | 0.194 | | 1.1849 | | | 0.122 | | 0.661 | | -0.44 | | 77.8 |
| Fp1-P3 | | | | 1.1637 | | | | 0.169 | | 1.1770 | | | 0.126 | | 0.688 | | -0.40 | | 74.3 |
| 02-P4-T4 | | | | 1.2209 | | | | 0.195 | | 1.2327 | | | 0.150 | | 0.745 | | -0.33 | | 87.9 |
| O1-P3-T3 | | | | 1.1970 | | | | 0.210 | | 1.1655 | | | 0.133 | | 0.388 | | 0.87 | | 83.8 |

**Correlación de Pearson entre puntajes totales Neuropsi y exponente de Hurst**

Todas las derivaciones por separado considerando los promedios de los 10 primeros MOR

|  |  |
| --- | --- |
| Canal | Corr |
| Fp2 | -0.239 |
| Fp1 | -0.044 |
| F8 | -0.287 |
| F7 | -0.268 |
| F4 | -0.273 |
| F3 | -0.036 |
| T4 | -0.361 |
| T3 | -0.230 |
| C4 | -0.430 |
| C3 | -0.169 |
| T6 | -0.011 |
| T5 | -0.474 |
| P4 | -0.301 |
| P3 | -0.346 |
| O2 | -0.318 |
| O1 | -0.071 |
| FZ | -0.045 |
| CZ | -0.347 |
| PZ | -0.149 |
| LOG | -0.415 |
| ROG | -0.362 |
| EMG | -0.308 |

|  |  |
| --- | --- |
| Canal | Corr |
| Fp1-Fp2 | 0.052 |
| F7-F8 | -0.085 |
| F3-F4 | -0.031 |
| T3-T4 | -0.161 |
| C3-C4 | -0.083 |
| T5-T6 | -0.209 |
| P3-P4 | -0.073 |
| O1-O2 | 0.040 |
| LOG-ROG | -0.199 |
| Fp1-P4 | 0.041 |
| Fp1-P3 | 0.019 |
| 02-P4-T4 | -0.041 |
| O1-P3-T3 | 0.167 |

**Correlación de Pearson entre edad y exponente de Hurst**

Todas las derivaciones por separado considerando los promedios de los 10 primeros MOR

|  |  |
| --- | --- |
| Canal | Corr |
| Fp2 | 0.23 |
| Fp1 | 0.22 |
| F8 | 0.08 |
| F7 | 0.20 |
| F4 | 0.11 |
| F3 | 0.04 |
| T4 | 0.53 |
| T3 | 0.05 |
| C4 | 0.48 |
| C3 | 0.48 |
| T6 | -0.61 |
| T5 | 0.39 |
| P4 | 0.21 |
| P3 | 0.36 |
| O2 | -0.06 |
| O1 | -0.17 |
| FZ | 0.02 |
| CZ | 0.73 |
| PZ | 0.14 |
| LOG | -0.15 |
| ROG | -0.18 |
| EMG | 0.67 |

|  |  |
| --- | --- |
| Canal | Corr |
| Fp1-Fp2 | 0.178 |
| F7-F8 | 0.133 |
| F3-F4 | 0.089 |
| T3-T4 | 0.347 |
| C3-C4 | 0.396 |
| T5-T6 | 0.208 |
| P3-P4 | 0.181 |
| O1-O2 | -0.111 |
| LOG-ROG | -0.162 |
| Fp1-P4 | 0.179 |
| Fp1-P3 | 0.282 |
| 02-P4-T4 | 0.349 |
| O1-P3-T3 | 0.085 |