ANOVA de variables repetidas con los factores de Canal (Canal\_var) y Grupo

Df Sum Sq Mean Sq F value Pr(>F)

Canal\_var 18 4.78 0.265 7.404 <2e-16 \*\*\*

Grupo 1 5.84 5.843 163.056 <2e-16 \*\*\*

Canal\_var:Grupo 18 0.62 0.035 0.965 0.498

Residuals 1862 66.72 0.036

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Post Hoc para ver dónde están las diferencias entre canales

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | diff | lwr | upr | p adj |
| T6-Fp2 | -0.16241 | -0.2567 | -0.06812 | 2.68E-07 |
| P4-Fp2 | -0.12028 | -0.21457 | -0.02599 | 1.15E-03 |
| P3-Fp2 | -0.11857 | -0.21286 | -0.02428 | 1.53E-03 |
| O1-Fp2 | -0.11455 | -0.20884 | -0.02026 | 2.93E-03 |
| PZ-Fp2 | -0.11988 | -0.21417 | -0.02559 | 1.23E-03 |
| T3-Fp1 | -0.09689 | -0.19118 | -0.0026 | 3.63E-02 |
| T6-Fp1 | -0.17471 | -0.269 | -0.08041 | 1.48E-08 |
| P4-Fp1 | -0.13257 | -0.22686 | -0.03828 | 1.30E-04 |
| P3-Fp1 | -0.13086 | -0.22515 | -0.03657 | 1.79E-04 |
| O2-Fp1 | -0.10597 | -0.20026 | -0.01168 | 1.07E-02 |
| O1-Fp1 | -0.12684 | -0.22113 | -0.03255 | 3.70E-04 |
| CZ-Fp1 | -0.09506 | -0.18935 | -0.00077 | 4.56E-02 |
| PZ-Fp1 | -0.13217 | -0.22646 | -0.03788 | 1.40E-04 |
| T6-F8 | -0.16981 | -0.2641 | -0.07551 | 4.81E-08 |
| P4-F8 | -0.12767 | -0.22196 | -0.03338 | 3.19E-04 |
| P3-F8 | -0.12596 | -0.22025 | -0.03167 | 4.32E-04 |
| O2-F8 | -0.10107 | -0.19536 | -0.00678 | 2.11E-02 |
| O1-F8 | -0.12194 | -0.21623 | -0.02765 | 8.68E-04 |
| PZ-F8 | -0.12727 | -0.22156 | -0.03298 | 3.43E-04 |
| T3-F7 | -0.09857 | -0.19286 | -0.00428 | 2.93E-02 |
| T6-F7 | -0.17639 | -0.27068 | -0.0821 | 9.83E-09 |
| P4-F7 | -0.13426 | -0.22855 | -0.03996 | 9.49E-05 |
| P3-F7 | -0.13255 | -0.22684 | -0.03826 | 1.31E-04 |
| O2-F7 | -0.10765 | -0.20194 | -0.01336 | 8.37E-03 |
| O1-F7 | -0.12853 | -0.22282 | -0.03424 | 2.73E-04 |
| CZ-F7 | -0.09674 | -0.19104 | -0.00245 | 3.70E-02 |
| PZ-F7 | -0.13386 | -0.22815 | -0.03956 | 1.02E-04 |
| T6-F4 | -0.12223 | -0.21653 | -0.02794 | 8.26E-04 |
| T6-F3 | -0.09993 | -0.19423 | -0.00564 | 2.45E-02 |
| T6-T4 | -0.15016 | -0.24445 | -0.05587 | 3.94E-06 |
| P4-T4 | -0.10803 | -0.20232 | -0.01373 | 7.92E-03 |
| P3-T4 | -0.10632 | -0.20061 | -0.01203 | 1.02E-02 |
| O1-T4 | -0.1023 | -0.19659 | -0.00801 | 1.78E-02 |
| PZ-T4 | -0.10763 | -0.20192 | -0.01333 | 8.40E-03 |
| T6-C4 | -0.09478 | -0.18907 | -0.00049 | 4.71E-02 |
| T5-T6 | 0.105508 | 0.011217 | 0.1998 | 1.14E-02 |
| FZ-T6 | 0.098975 | 0.004683 | 0.193266 | 2.78E-02 |

ANOVA de variables repetidas con los factores entre MOR y NMOR (Etapa) y Grupo

Df Sum Sq Mean Sq F value Pr(>F)

Grupo 1 0.07195 0.07195 33.272 1.87e-07 \*\*\*

Etapa 1 0.00034 0.00034 0.158 0.692

Grupo:Etapa 1 0.04632 0.04632 21.420 1.59e-05 \*\*\*

Residuals 72 0.15569 0.00216

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Post-hoc para ver dónde están la diferencias:

>Entre etapas

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | diff | lwr | upr | p adj |
| REM-NREM | 0.004239208 | -0.01702739 | 0.02550581 | 0.69227 |

>Entre grupos

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | diff | lwr | upr | p adj |
| PMCI-CTRL | 0.06153555 | 0.04026894 | 0.08280215 | 1.86E-07 |

>Interacciones

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | diff | lwr | upr | p adj |
| PMCI:NREM-CTRL:NREM | 0.01216123 | -0.02751868 | 0.05184115 | 0.851374 |
| CTRL:REM-CTRL:NREM | -0.04513511 | -0.08481502 | -0.0054552 | 0.01943587 |
| PMCI:REM-CTRL:NREM | 0.06577476 | 0.02609484 | 0.10545467 | 0.000244927 |
| CTRL:REM-PMCI:NREM | -0.05729634 | -0.09697625 | -0.0176164 | 0.001686322 |
| PMCI:REM-PMCI:NREM | 0.05361352 | 0.01393361 | 0.09329343 | 0.003695251 |
| PMCI:REM-CTRL:REM | 0.11090986 | 0.07122995 | 0.15058977 | 1.39597E-09 |