|  |  |  |
| --- | --- | --- |
| **Chi-squared test** | **Significance** | **P Value** |
| **Excited** |  |  |
| Controlvs POMC-TC | \*\*\* | <0.001 |
| POMC-TC vs POMC-TC-IR | \*\* | 0.0039 |
| Controlvs POMC-TC-IR | ns | 0.3 |
| **Inhibited** |  |  |
| Controlvs POMC-TC | \* | 0.046 |
| POMC-TC vs POMC-TC-IR | ns | 0.37 |
| Controlvs POMC-TC-IR | \*\* | 0.0024 |
| **Non-Responsive** |  |  |
| Controlvs POMC-TC | ns | 0.13 |
| POMC-TC vs POMC-TC-IR | \*\*\* | <0.001 |
| Controlvs POMC-TC-IR | \* | 0.033 |

\* = P value <0.05, \*\* = P value <0.01, \*\*\* = P value <0.001, ns = non-significant