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| --- | --- | --- | --- |
| Model effect | SUV | Glucose-normalized SUV | Lung-normalized SUV |
| Hormone treatment | F2,56 = 2.5  p = 0.093 | F2,55 = 0.09  p = 0.91 | F2,42 = 1.9  p = 0.17 |
| Brain region | F1,56 = 6.8  **p = 0.012** | F1,56 = 6.3  **p = 0.015** | F1,56 = 10.3  **p = 0.002** |
| Song type | F1,57 = 8.1  **p = 0.006** | F1,57 = 8.6  **p = 0.005** | F1,58 = 5.1  **p = 0.028** |
| Scan number | F1,54 = 0.04  p = 0.84 | F1,52 = 0.11  p = 0.75 | F1,39 = 0.06  p = 0.81 |
| Hormone treatment x song type | F2,61 = 3.0  p = 0.055 | F2,61 = 3.9  **p = 0.026** | F2,61 = 2.1  p = 0.13 |
| Brain region x song type | F1,56 = 0.04  p = 0.84 | F1,56 = 0.03  p = 0.86 | F1,57 = 0.08  p = 0.78 |
| Brain region x hormone treatment | F2,56 = 0.18  p = 0.83 | F2,56 = 0.15  p = 0.86 | F2,57 = 0.27  p = 0.76 |
| Brain region x hormone treatment x song type | F2,56 = 0.17  p = 0.85 | F2,56 = 0.12  p = 0.89 | F2,57 = 0.27  p = 0.76 |