Table 1

Spearman C*orrelations of Musical Training, Active Engagement with Music, Music Content, and IMIR Content*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Vocal IMIR | Instrumental IMIR | Fast Tempo IMIR | Slow Tempo IMIR |
| GMSI-Musical Training | -.28\*\* | .31\*\* | .00 | .08 |
| GMSI-Active Engagement | -.19\*\* | .34\*\* | -.10 | .10 |
| Vocal Music | .49\*\* | -.43\*\* | .18\*\* | -.07 |
| Instrumental Music | -.42\*\* | .55\*\* | -.16\*\* | .16\*\* |
| Fast Tempo Music | .19\*\* | -.16\*\* | .48\*\* | -.24\*\* |
| Slow Tempo Music | -.06 | .06 | -.15\* | .25\*\* |
| Vocal IMIR |  | -.61\*\* | .23\*\* | -.11 |
| Instrumental IMIR |  |  | -.16\*\* | .14\* |
| Fast Tempo IMIR |  |  |  | -.54\*\* |

*GMSI* Goldsmiths Musical Sophistication Index

\* *p* < .05. \*\* *p* < .01

Table 2

Spearman C*orrelations of IMIR Content, Music Content, and Musical Training and Active Engagement with Music with IMIR Characteristics (Frequency, Episode Duration, and Section Duration)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | IMIR Frequency | IMIR Duration (Episode) | IMIR Duration (Section ) |
| **IMIR Content** |  |  |  |
| Vocal | -.03 | -.04 | .12 |
| Instrumental | .10 | .01 | -.09 |
| Fast Tempo | -.02 | -.03 | -.03 |
| Slow Tempo | .03 | .01 | .12 |
| **Music Content** |  |  |  |
| Vocal | -.05 | .02 | .03 |
| Instrumental | .14 | .02 | -.04 |
| Fast Tempo | -.08 | .01 | .04 |
| Slow Tempo | .01 | .05 | .04 |
| **GMSI** |  |  |  |
| Musical Training | .21\*\* | .17\*\* | -.10 |
| Active engagement | .31\*\* | .09 | -.07 |

*GMSI* Goldsmiths Musical Sophistication Index

\*\* *p* < .01