**Supplementary materials**

Table 1. Genova emotional music scale–9 Norwegian and English translation

|  |  |  |
| --- | --- | --- |
|  | Norwegian GEMS-9 | English GEMS-9 |
| Sublime factors | Undring | Wonder |
| Sublim | Overskridelse | Transcendence |
|  | Ømhet | Tenderness |
|  | Nostalgia | Nostalgia |
|  | Fredfylt | Peacefulness |
| Vital factors | Energisk | Power |
| Vital | Glede | Joyful activation |
| Uneasy factors | Anspent | Tension |
| Uroende | Sørgmodig | Sadness |

Brown noise was downloaded from this link:

[**https://www.youtube.com/watch?v=nRDaoaCfKkc&t=267s**](https://www.youtube.com/watch?v=nRDaoaCfKkc&t=267s)

Pink noise was downloaded from this link:

[**https://www.youtube.com/watch?v=ZEX9KkrZG0s&t=20s**](https://www.youtube.com/watch?v=ZEX9KkrZG0s&t=20s)

White noise was downloaded from this link:

[**https://www.youtube.com/watch?v=Fa7tG7WpvUo&t=311s**](https://www.youtube.com/watch?v=Fa7tG7WpvUo&t=311s)

Table 2. Shapiro-wilks analysis of normality

|  |  |  |  |
| --- | --- | --- | --- |
| Stimuli | Statistic | df | Sig. |
| BROWN\_wonder | .738 | 64 | <.001 |
| BROWN\_transendence | .674 | 64 | <.001 |
| BROWN\_tenderness | .556 | 64 | <.001 |
| BROWN\_nostalgia | .832 | 64 | <.001 |
| BROWN\_peacefullness | .891 | 64 | <.001 |
| BROWN\_power | .675 | 64 | <.001 |
| BROWN\_joyful activation | .752 | 64 | <.001 |
| BROWN\_tension | .698 | 64 | <.001 |
| BROWN\_sadness | .555 | 64 | <.001 |
| PINK\_wonder | .711 | 64 | <.001 |
| PINK\_transendence | .720 | 64 | <.001 |
| PINK\_tenderness | .566 | 64 | <.001 |
| PINK\_nostalgia | .832 | 64 | <.001 |
| PINK\_peacefullness | .816 | 64 | <.001 |
| PINK\_power | .826 | 64 | <.001 |
| PINK\_joyful activation | .757 | 64 | <.001 |
| PINK\_tension | .859 | 64 | <.001 |
| PINK\_sadness | .583 | 64 | <.001 |
| WHITE\_wonder | .473 | 64 | <.001 |
| WHITE\_transendence | .419 | 64 | <.001 |
| WHITE\_tenderness | .332 | 64 | <.001 |
| WHITE\_nostalgia | .582 | 64 | <.001 |
| WHITE\_peacefullness | .608 | 64 | <.001 |
| WHITE\_power | .715 | 64 | <.001 |
| WHITE\_joyful activation | .479 | 64 | <.001 |
| WHITE\_tension | .897 | 64 | <.001 |
| WHITE\_sadness | .454 | 64 | <.001 |
| V1\_F\_wonder | .552 | 64 | <.001 |
| V1\_F\_transendence | .493 | 64 | <.001 |
| V1\_F\_tenderness | .506 | 64 | <.001 |
| V1\_F\_nostalgia | .527 | 64 | <.001 |
| V1\_F\_peacefullness | .767 | 64 | <.001 |
| V1\_F\_power | .812 | 64 | <.001 |
| V1\_F\_joyful activation | .722 | 64 | <.001 |
| V1\_F\_tension | .822 | 64 | <.001 |
| V1\_F\_sadness | .434 | 64 | <.001 |
| V1\_M\_wonder | .555 | 64 | <.001 |
| V1\_M\_transendence | .466 | 64 | <.001 |
| V1\_M\_tenderness | .439 | 64 | <.001 |
| V1\_M\_nostalgia | .506 | 64 | <.001 |
| V1\_M\_peacefullness | .792 | 64 | <.001 |
| V1\_M\_power | .716 | 64 | <.001 |
| V1\_M\_joyful activation | .551 | 64 | <.001 |
| V1\_M\_tension | .767 | 64 | <.001 |
| V1\_M\_sadness | .479 | 64 | <.001 |
| V2\_F\_wonder | .501 | 64 | <.001 |
| V2\_F\_transendence | .472 | 64 | <.001 |
| V2\_F\_tenderness | .564 | 64 | <.001 |
| V2\_F\_nostalgia | .523 | 64 | <.001 |
| V2\_F\_peacefullness | .769 | 64 | <.001 |
| V2\_F\_power | .710 | 64 | <.001 |
| V2\_F\_joyful activation | .651 | 64 | <.001 |
| V2\_F\_tension | .832 | 64 | <.001 |
| V2\_F\_sadness | .492 | 64 | <.001 |
| V2\_M\_wonder | .531 | 64 | <.001 |
| V2\_M\_transendence | .525 | 64 | <.001 |
| V2\_M\_tenderness | .544 | 64 | <.001 |
| V2\_M\_nostalgia | .565 | 64 | <.001 |
| V2\_M\_peacefullness | .803 | 64 | <.001 |
| V2\_M\_power | .660 | 64 | <.001 |
| V2\_M\_joyful activation | .586 | 64 | <.001 |
| V2\_M\_tension | .775 | 64 | <.001 |
| V2\_M\_sadness | .504 | 64 | <.001 |
| V3\_F\_wonder | .466 | 64 | <.001 |
| V3\_F\_transendence | .451 | 64 | <.001 |
| V3\_F\_tenderness | .492 | 64 | <.001 |
| V3\_F\_nostalgia | .506 | 64 | <.001 |
| V3\_F\_peacefullness | .761 | 64 | <.001 |
| V3\_F\_power | .774 | 64 | <.001 |
| V3\_F\_joyful activation | .678 | 64 | <.001 |
| V3\_F\_tension | .849 | 64 | <.001 |
| V3\_F\_sadness | .584 | 64 | <.001 |
| V3\_M\_wonder | .599 | 64 | <.001 |
| V3\_M\_transendence | .483 | 64 | <.001 |
| V3\_M\_tenderness | .409 | 64 | <.001 |
| V3\_M\_nostalgia | .568 | 64 | <.001 |
| V3\_M\_peacefullness | .797 | 64 | <.001 |
| V3\_M\_power | .620 | 64 | <.001 |
| V3\_M\_joyful activation | .624 | 64 | <.001 |
| V3\_M\_tension | .793 | 64 | <.001 |
| V3\_M\_sadness | .668 | 64 | <.001 |

Table 3. Shapiro-wilks analysis of normality study 2

|  |  |  |  |
| --- | --- | --- | --- |
|  | statistic | df | Sig. |
| Total\_voice sublime | .793 | 1267 | <.001 |
| Total\_voice vital | .797 | 1267 | <.001 |
| Total\_voice uneasy | .880 | 1267 | <.001 |
| Brown noise sublime | .805 | 1267 | <.001 |
| Brown noise vital | .660 | 1267 | <.001 |
| Brown noise uneasy | .863 | 1267 | <.001 |
| Pink noise sublime | .731 | 1267 | <.001 |
| Pink noise vital | .735 | 1267 | <.001 |
| Pink noise uneasy | .879 | 1267 | <.001 |
| White noise sublime | .566 | 1267 | <.001 |
| White noise vital | .637 | 1267 | <.001 |
| White noise uneasy | .837 | 1267 | <.001 |