

Supplementary Material

Table 1

Overview of fundamental frequency (f_0), minimum pitch, maximum pitch, and pitch range for all stimuli.

| Stimulus | f_0 | Minimum pitch | Maximum pitch | Pitch range |
|----------|--------|---------------|---------------|-------------|
| 006_M | 171.36 | 120.29 | 237.12 | 116.82 |
| 035_M | 179.37 | 146.42 | 221.19 | 74.78 |
| 012_M | 182.02 | 131.34 | 236.25 | 104.92 |
| 014_M | 196.70 | 102.15 | 262.37 | 160.21 |
| 026_M | 198.46 | 164.64 | 572.99 | 408.36 |
| 013_M | 205.47 | 156.60 | 243.92 | 87.32 |
| 023_M | 209.81 | 170.89 | 261.06 | 90.17 |
| 031_M | 214.12 | 108.62 | 262.43 | 153.81 |
| 024_M | 214.32 | 190.17 | 251.20 | 61.04 |
| 004_M | 214.63 | 103.50 | 258.98 | 155.49 |
| 011_M | 218.04 | 162.27 | 352.43 | 190.16 |
| 027_M | 218.29 | 109.73 | 346.41 | 236.68 |
| 032_M | 222.29 | 102.57 | 578.15 | 475.58 |
| 009_M | 226.31 | 160.03 | 527.97 | 367.94 |
| 010_M | 228.98 | 145.31 | 480.75 | 335.45 |
| 015_M | 229.79 | 188.52 | 579.71 | 391.19 |
| 005_M | 233.03 | 170.76 | 598.56 | 427.80 |
| 034_M | 251.08 | 100.87 | 438.22 | 337.35 |
| 019_M | 253.24 | 153.94 | 597.20 | 443.27 |
| 020_M | 266.78 | 145.14 | 356.23 | 211.09 |

Note: F_0 is calculated as the mean of f_0 from one of the voice recordings, the minimum and the maximum pitch are the minimum/maximum values from one of the voice recordings. The pitch range is calculated as the difference between minimum and maximum voice pitch. Stimulus names are aligned/matched with the ViTaFa stimulus names in order to assign them.

Table 2

Overview of the applied models for all ratings in the both blocks. Included models are shown in bold.

a) Audio block

| Rating | Model term | Final null model | Exclusion criterium |
|----------------|--|---|--|
| Attractiveness | <code>lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr))</code> | <code>lmer(rating ~(1+condition subject_nr) + (1+condition stimulus_nr))</code> | included |
| Femininity | <code>lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr))</code> | | Failed to converge (stimulus_nr shows correlation of 1) |
| | <code>lmer(rating ~condition + (1+condition subject_nr))</code> | <code>lmer(rating ~(1+condition subject_nr))</code> | included |
| Health | <code>lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr))</code> | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |
| | <code>lmer(rating ~condition + (1+condition subject_nr))</code> | <code>lmer(rating ~(1+condition subject_nr))</code> | included |
| Age | <code>lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr))</code> | <code>lmer(rating ~(1+condition subject_nr) + (1+condition stimulus_nr))</code> | included |

b) Video block

| Rating | Model term | Final null model | Exclusion criterium |
|----------------|---|------------------|--|
| Attractiveness | <code>lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr))</code> | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |

| | | | |
|------------|--|--|--|
| | lmer(rating ~condition + (1+condition subject_nr) | lmer(rating ~(1+condition subject_nr) | included |
| Femininity | lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr)) | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |
| | lmer(rating ~condition + (1+condition subject_nr) | lmer(rating ~(1+condition subject_nr) | included |
| Health | lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr)) | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |
| | lmer(rating ~condition + (1+condition subject_nr) | lmer(rating ~(1+condition subject_nr) | included |
| Age | lmer(rating ~condition + (1+condition subject_nr) + (1+condition stimulus_nr)) | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |
| | lmer(rating ~condition + (1+condition subject_nr) | | Boundary fit (overfitting; stimulus_nr shows correlation of 1) |
| | lmer(rating ~condition + (1 subject_nr) | lmer(rating ~(1 subject_nr) | included |