Table S1: Poems and musical settings in their order of performance, together with information about their authors/composers and year of publication.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Author Poem | Title | Year | Composer | Title | Composition | Year |
| Platen, August von | Lass tief in Dir mich lesen | 1819 | Bruckner, Anton | Mein Herz und deine Stimme | WAB 79 | 1868 |
| Mörike, Eduard | An die Geliebte | 1830 | Wolf, Hugo | An die Geliebte | Mörike-Lieder, Nr. 32 | 1888 |
| Schiller, Friedrich | Die Entzückung an Laura | 1805 | Schubert, Franz | Die Entzückung an Laura | D 390 | 1817 |
| Eichendorff, Joseph von | Wehmut | 1807 | Schumann, Robert | Wehmut | Op. 39, Nr. 9 | 1842 |
| Liliencron, Detlev von | Zu spät | 1883 | Kanth, Gustav | Zu Spät | Op. 5, Nr. 2 | 1896 |
| Heine, Heinrich | Wasserfahrt | 1817 | Franz, Robert | Wasserfahrt | 6 Gesänge, Op. 48, Nr. 3 | 1878 |
| Geibel, Emanuel von | Mittagszauber | 1864 | Leschetizky, Theodor | Mittagszauber | 6 Lieder, Op. 32, Nr. 1 | 1866 |
| Arndt, Ernst Moritz | Frühling im Alter | 1841 | Reinthaler, Karl Martin | Frühling im Alter | 6 Lieder, Op. 17, Nr. 4 | 1864 |
| Uhland, Johann Ludwig | Das Thal | 1811 | Kreutzer, Conradin | Das Thal | 12 Lieder, Op. 60, Nr. 1 | 1824 |
| Groth, Klaus | Heimweh III | 1839 | Brahms, Johannes | Ich sah als Knabe Blumen blühen | 9 Lieder, Op.63 | 1875 |
| Kerner, Justinus | Der Wanderer in der Sägemühle | 1826 | Schumann, Clara | Der Wanderer in der Sägemühle | 6 Lieder, Op. 13, Nr. 6 | 1832 |

Table S2: Illustration of poem modification (removal of rhyme and meter) with first stanza of the poem “Wehmut” by Joseph von Eichendorff.

|  |  |  |
| --- | --- | --- |
| Original poem | Removal of rhyme | Removal of meter |
| *Ich kann wohl manchmal* ***singen****,*  *Als ob ich fröhlich* ***sei****,*  *Doch heimlich Tränen* ***dringen****,*  *Da wird das Herz mir* ***frei****.* | *Ich kann wohl manchmal* ***singen****, Als ob ich fröhlich* ***wär’,*** *Doch heimlich Tränen* ***kommen****, Da wird das Herz mir* ***frei****.* | *Ich kann wohl* ***manches Mal*** *singen, Als ob* ***mir fröhlich zumut*** *sei,  Doch heimlich* ***die*** *Tränen dringen,  Da wird* ***mir das Herz*** *frei.* |

Table S3: Scales used listed in the order of the factor structure derived from the ratings. Only factor loadings > 0.3 are considered and illustrated in the respective cells.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Adjective | Gloss | Factor »Beauty« | Factor »Joy« | Factor »Melody« |
| gefallen | liking | 0.68 |  | 0.32 |
| belebend | invigorating | 0.48 | 0.39 | 0.41 |
| beruhigend | calming | 0.45 | 0.36 |  |
| berührend | touching | 0.79 |  |  |
| bewegend | moving | 0.75 |  |  |
| ergreifend | stirring | 0.77 |  | 0.32 |
| freudig | joyfull |  | 0.83 |  |
| harmonisch | harmonious | 0.39 |  | 0.53 |
| heiter | cheerful |  | 0.71 |  |
| intensiv | intensive | 0.57 |  | 0.44 |
| klangvoll | sounding |  |  | 0.77 |
| lebendig | lively | 0.42 | 0.33 | 0.48 |
| melodisch | melodious |  |  | 0.78 |
| negativ | negative |  | -0.76 |  |
| poetisch | poetic | 0.39 |  | 0.51 |
| positiv | positive |  | 0.84 |  |
| rhythmisch | rhythmic |  |  | 0.72 |
| schön | beautiful | 0.7 |  | 0.3 |
| traurig | sad | 0.33 | -0.7 |  |

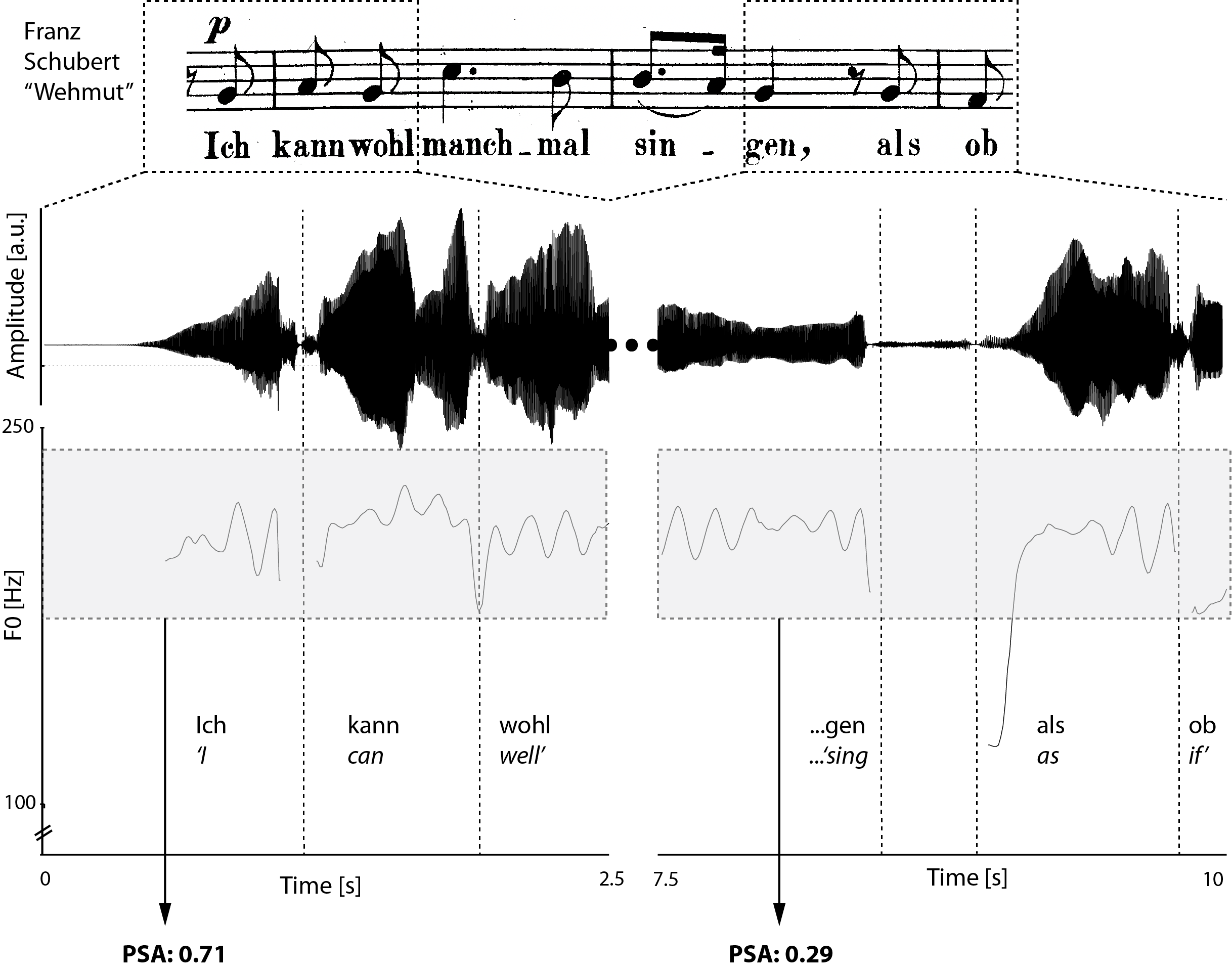


Figure S1: Detailed illustration of autocorrelation measure. Left: The first 2.5 s (0-2500 ms, corresponding to the first EPI-scan) of the song “Wehmut” by Franz Schubert, corresponding to three syllables (notes). Raw F0 values (in Hz) are fed in the autocorrelation algorithm. The Percentage of Significant Autocorrelations (PSA) value in this time window is relatively high (0.71), indicating that pitch values remain on a relatively stable level. Right: A subsequent 2.5 s-window of the same song (7500-10000 ms, corresponding to the fourth EPI-scan). The PSA value in this time window is relatively low, indicating that pitch values change and that there is a pause during which no pitch has been extracted.