Screenshots of the spectrogram and oscillogram of the original human laugh ($H$) (top) and the variation-rich laugh version $V$ of the articulatory synthesizer [3] (below). Both show the acoustic signal of the laugh, with an onset, a main part, a pause, and an offset; at the bottom, temporally aligned: Gestural score used to simulate the laugh version $V$. It depicts the articulatory events of that laugh, using the following gestures: 1$^{st}$ tier: vocalic gesture “E:” for the open-mid front unrounded vowel /ɛ:/, 2$^{nd}$ tier: consonantal gesture “E: Pharynx” for a slight constriction in the pharynx, 3$^{rd}$ tier: no gestures for velic aperture, 4$^{th}$ tier: glottal gestures “open” and “close” in an alternating sequence, 5$^{th}$ tier: F0 phrase components for the phrasal (long-term) intonation contour, 6$^{th}$ tier: F0 accent components for short-term F0 variations, 7$^{th}$ tier: subglottal pressure gestures simulating the airflow throughout the laugh.