

Appendix E

Seminar tests: Complementary results

This appendix gives some detailed results of the similarity tests described in section 4.5. The figure E.1 gives the results for both series of tests and each speaker position separately.

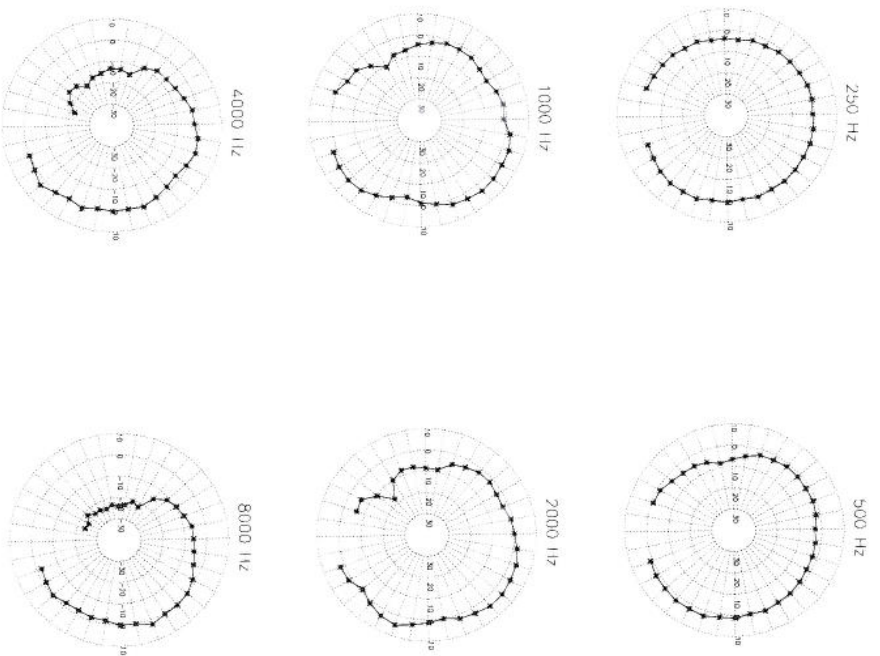


Figure D.2: Directivity of a male human speaker in the vertical plane.

The results described by H. Marshall and J. Meyer correspond to the „full voice“ measurements of a Bartolone. The values are averaged over three vowels („a“, „o“ and „e“) and all the pitches within each octave band. Reference level 0 dB is the level in the horizontal plane in front of the singer.

The results described here correspond to the level of the directivity factor filters estimated for a single spoken sentence with a „loud voice“ at the frequencies considered for this comparison. The reference level is the same.

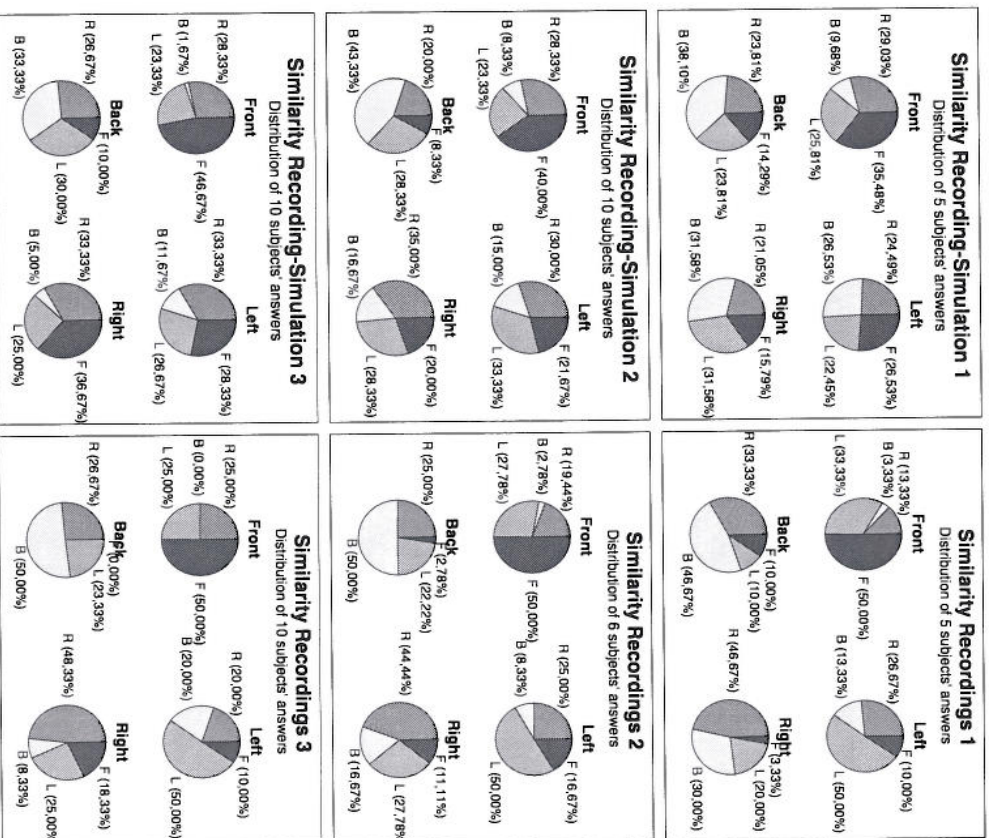


Figure E.1: Results of the „Similarity Recording-Simulation X“ and „Similarity Recordings“ tests by positions.