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**PERCEPTUAL FACTORS IN CAR SOUND ASSESSMENTS
- COMPARATIVE ANALYSES OF SEMANTIC
DIFFERENTIAL TESTS AND PAIRED COMPARISONS IN
FRANCE, ITALY AND GERMANY**

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ABSTRACT

Indoor car sound quality has been evaluated using paired comparisons (for preference) and semantic differential tests. In three European countries the same set of indoor car sounds – artificial head recordings – from 9 different cars have been presented via headphones to the the subjects. Some of the sounds are loudness equalised in order to suppress the dominant role of loudness in the assessment process. Factor analyses have been carried out on the obtained polarity profiles (of about forty subjects in each country) and on the preference data (of about twenty subjects in each country). Comparisons of the factorial structures will be presented. [Support of the EU through the BRITE EURAM Project BE-96-3727 OBELICS].

Note: for more information about this work, please contact the authors.