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Comparison of spectral tilt measures for sentence prominence in speech – effects of dimensionality and adverse noise conditions

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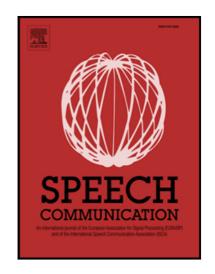
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#### ACCEPTED MANUSCRIPT

## **Highlights**

- The role of spectral tilt in sentence prominence was investigated.
  - Estimators for tilt of glottal source spectrum and surface spectrum were compared.
  - Multidimensional representations for spectral tilt were also investigated.
  - Robustness of different tilt estimators was tested for noisy and coded speech.
- Experiments were conducted on both French and Dutch speech data.ab

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