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Rank-1 Constrained Multichannel Wiener Filter for Speech
Recognition in Noisy Environments

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Highlights

- A constant residual noise power constraint for rank-1 MWF is proposed
- Speech covariance matrix reconstruction to fulfill the rank-1 assumption
- An extensive comparison of the multichannel linear filters supported by BLSTM
- A feature variance metric that correlates with the word error rate

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