

## **Spoken Urdu Language Measures Of Perceptual Sensitivities**

Amber Baig, Prof. Asadullah Shah

Speech is a complex and dynamic signal, which varies in characteristics. Human ear is sensitive to some parts of speech more than others. It was intended in this research work to know two things; firstly how often a speech signal is clipped so that the effect upon perceptual listening becomes objectionable to the listeners, and secondly to know how much compression is achieved by clipping that particular speech segment. A noise free Urdu speech sample of 35 seconds for a female speaker has been taken for these experimentations. It has been experienced that better recorded file was rated better and as far as compression is concerned, up to 3.1% compression is achieved without even noticeable loss in speech quality. Mean Opinion Score (MOS) achieved is between Fair and good.

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