A. Schematic Overview of Stroke Classification Pipeline

① **Raw input** MH-1813 call
② **Model input** Log-Mel spectrogram
③ **Model** Speech recognizer
④ **Model output** Transcript
⑤ **Model input** BoW-vector
⑥ **Model** Text classifier
⑥ **Model output** Stroke probability

The medical helpline 1813, how may I help you?

My husband complained about **headache** this morning and now he is also **dizzy**.

Is he responsive?

Yes, but he seems **confused**.

Speech recognition

Text classification