



Disentangling ASR and MT Errors in Speech Translation

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Using robust word confidence measures (from both ASR and MT) to disentangle ASR and MT errors in the speech translation output.

- Proposed **2 methods** for the non trivial label setting to disentangle ASR and MT errors in speech translation
- Recasting the binary error detection problem to **3-class labeling problem** (*good, asr-error, mt-error*)
- Using joint ASR and MT features, automatic detection of error types was evaluated and encouraging results were displayed on a French-English speech translation task
- Providing further support for building better informed speech translation systems, especially in interactive speech translation use cases