**Motivation**

The Switchboard Dialog Act Corpus (SwDA) [1] is important for modeling dialog act prediction and production. Although several corpora offer sizable annotated speech data in multi-participant meetings, only SwDA exclusively comprises dialogs between two individuals, making it particularly relevant for modeling the types of two-party interactions prevalent in conversational systems today. However, it suffers from a critical limitation: inaccurate alignment.

**SwDA Alignment Diagnosis**

- Misaligned transcript w.r.t. speech
- Incorrect transcript
- Missed short/overlapping speech (e.g. backchannel)
- Recorded on the wrong channel (27 files found so far)
- Propagated from early errors

**Step 2: Manual Correction**

- Adjust timestamps
- Correct transcripts
- Speaker overlap: "RAS"
- Laughter: "laughter" tokens

**Results**

**Re-alignment Progress**

Our Re-Aligned Switchboard Dialog Act (RASwDA) corpus currently consists of $537.5$ manually re-aligned and validated conversations (1075 single speaker transcripts) from the 1155 SwDA conversations (Table 1).

**Conclusions**

We have identified inaccuracies in the current automatic alignments of the Switchboard Dialog Act (SwDA) corpus and have undertaken a manual re-alignment process for a subset of 537.5 out of 1155 conversations. Our Re-Aligned Switchboard Dialog Act (RASwDA) subset has already demonstrated improved performance of state-of-the-art models on the dialog act classification task.

**References**


To date, no one has produced a full re-alignment of all 1155 SwDA conversations.

---

**Figure 1.** A section of a SwDA transcript in the Praat interface (a) before and (b) after manual correction of the automatic alignment.