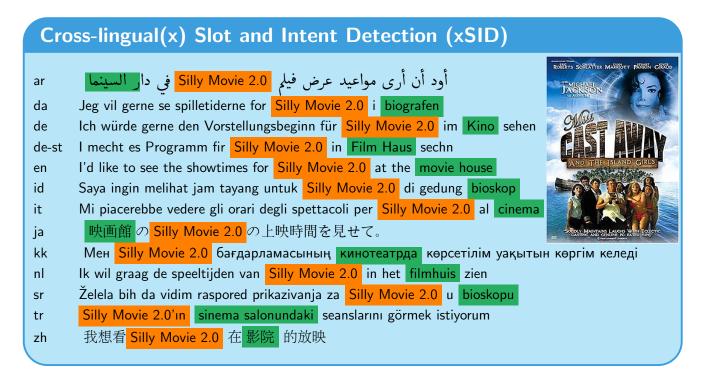
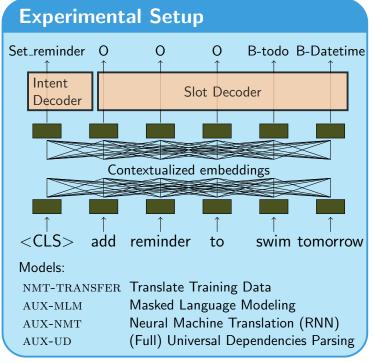
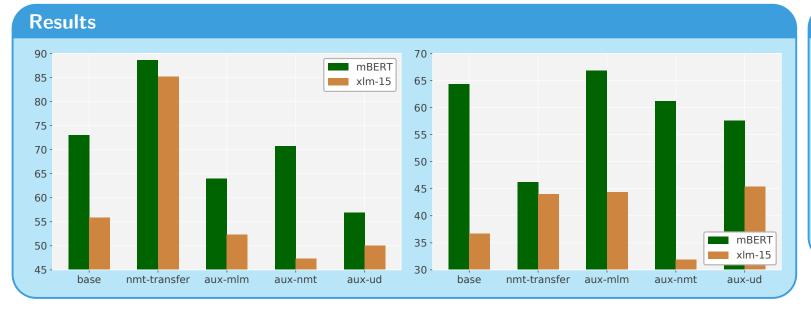
From Masked Language Modeling to Translation: Non-English Auxiliary Tasks Improve Zero-shot Spoken Language Understanding

Rob van der Goot, Ibrahim Sharaf, Aizhan Imankulova, Ahmet Üstün, Marija Stepanović, Alan Ramponi, Siti Oryza Khairunnisa, Mamoru Komachi and Barbara Plank







Conclusions

- xSID: Slot and Intent Detection dataset for many languages/topics
- Intents: nmt-transfer is superior
- Slots: aux-mlm=robust, if target language unseen during pre-training, use aux-UD
- Source code/data is available at: bitbucket.org/robvanderg/xsid