

Neural vs. Rule-Based Finnish

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Initial experiments with Rule-based and Neural models

- ▶ Omorfi is well established by now
- ▶ Turku Neural Parsing Pipeline has better results
- ▶ Neural machine translation is supposed to be good out of the box
- ▶ Apertium-fin-deu is ...there

Evaluations with Shared Tasks! Why?

- ▶ Surely old rule-based methods are still better in basic tasks like morphology...?
- ▶ it turns out not according to the shared task metrics—without tuning at least
- ▶ (one could check other metrics, recall and then F score, to get potentially different results)
- ▶ I turned shared tasks into *Continuous integration tests* for omorfi
- ▶ Translation quality out-of-the-box is not good

