# Machine learning for NLP 2

Shared task: swiss german speech to german text

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## I. Model comparison

The following table depicts our results on multiple *DeepSpeech* models.

| **Model** | **Training** | **Test** |
|---|---|---|
| SwissText data | 0.3 | 0.1 |
| SwissText data + Text2Text MT | 0.3 | 0.1 |
| SwissText + Archimob data | X.X | X.X |
| SwissText + Archimob data + Text2Text MT | X.X | X.X |
| SwissText + Archimob data + Augmentation | X.X | X.X |
| SwissText + Archimob data + Augmentation + Text2Text MT | X.X | X.X |

TABLE I: Model results

## References

[1] Büchi et al., "ZAHW-InIT at GermEval 2020 - Task 4: Low-Resource Speech-to-Text", 2020
[2] Plüss et al., "Low-Resource Speech-to-Text", 2020
[3] Plüss et al., "UZH TILT: A Kaldi recipe for Swiss German Speech to Standard German Text", 2020
[4] See et al., "Get To The Point: Summarization with Pointer-Generator Networks", 2017