

**ML2021Spring HW5 Report**  
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Public Score	Private Score
30.92	29.07

The methods I used to pass the strong baselines include:

1. clean data
2. unigram subword tokenization
3. transformer
4. back translation on mono dataset
5. label smoothed
6. learning rate scheduling

I build a transformer with embed\_dim=512, ffn\_embed\_dim=2048, layers=6, dropout=0.3 for both backward and forward transformers.