transfer learning

Danish

cross-domain

social media

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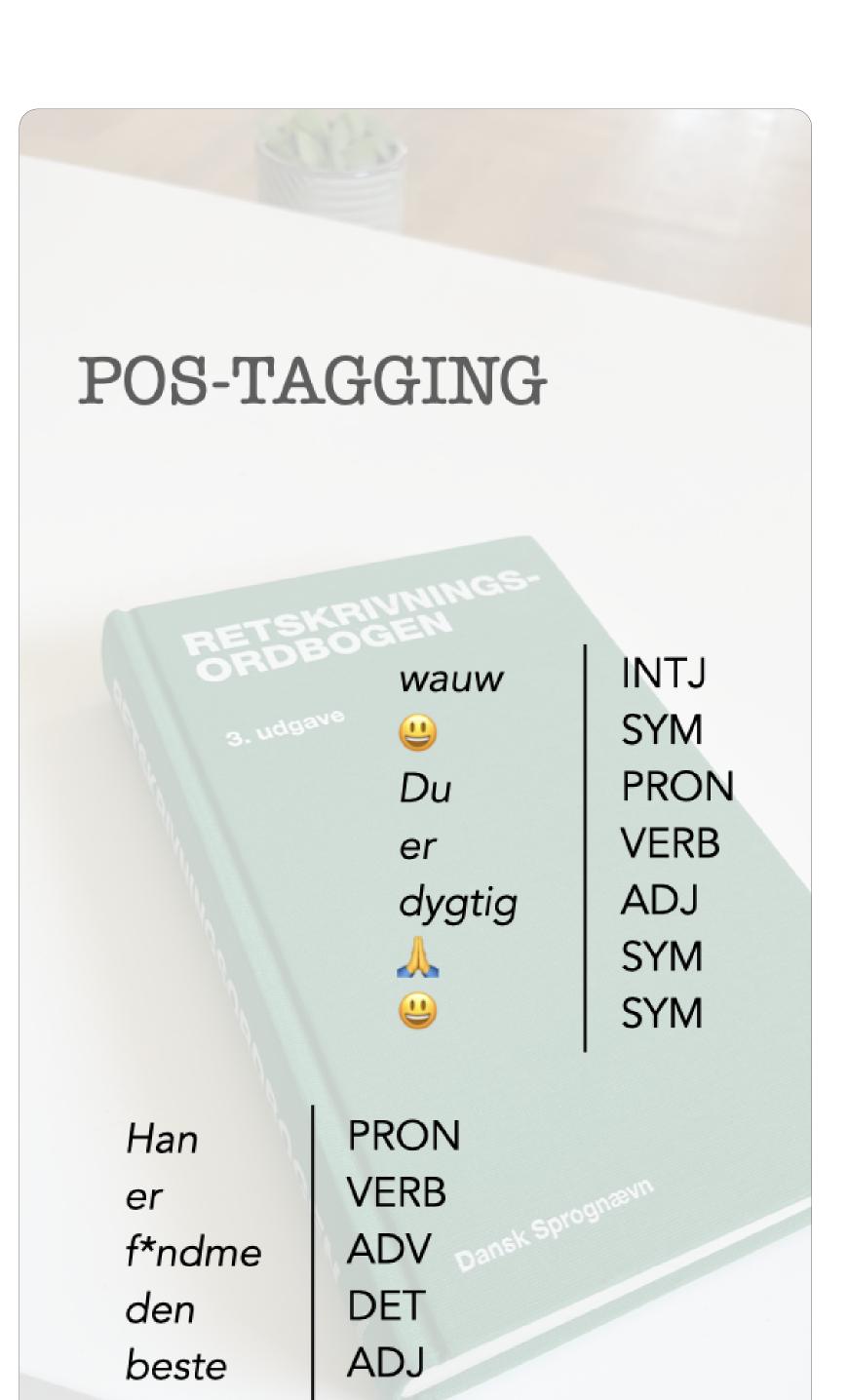
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POS tagging

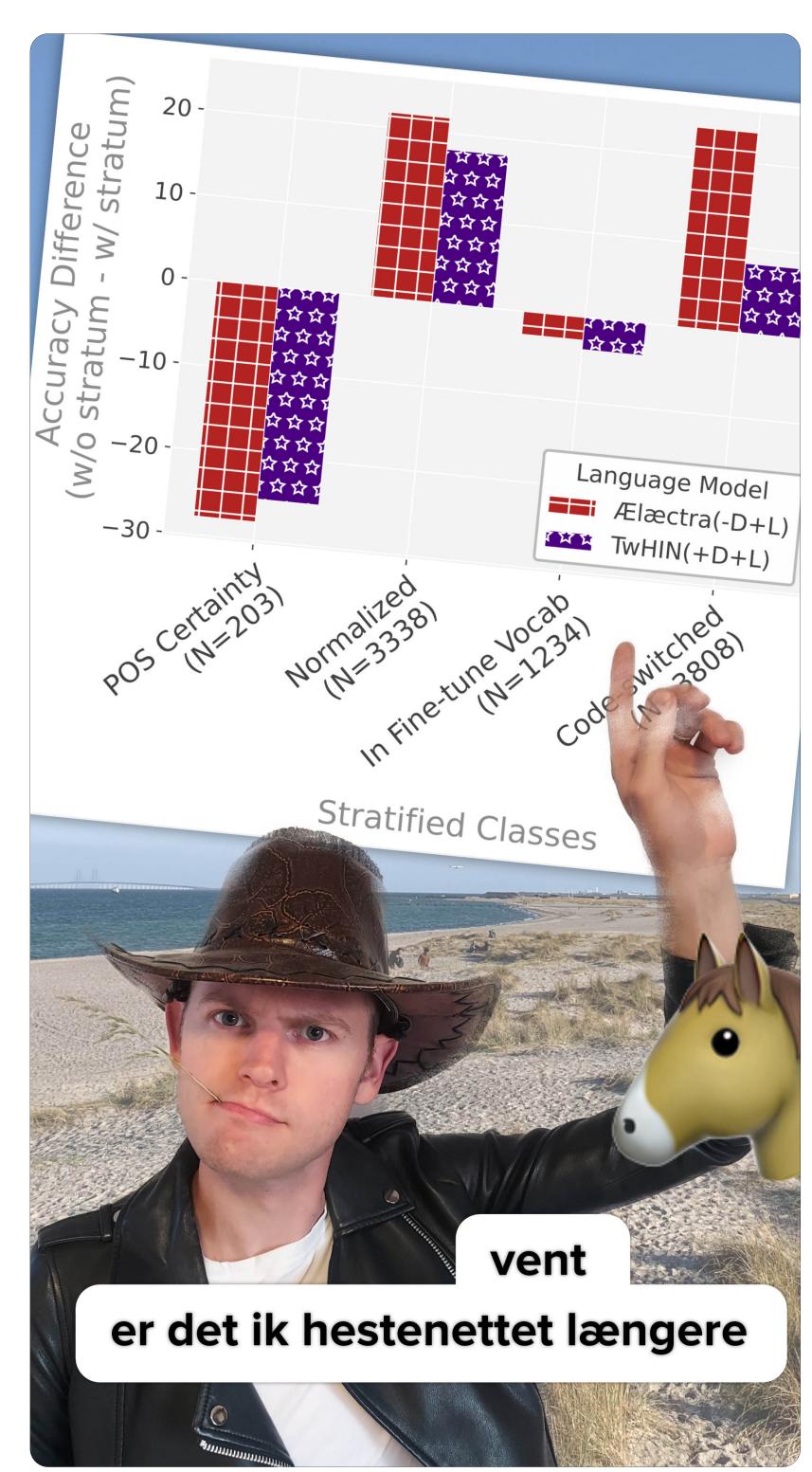
We annotate 8,028 tokens with Universal POS tags + three additional layers #UD

SYM

SYM



8



Our extra annotation layers show which features connect to #syntax on contemporary social media





cross-lingual

#Code-switched words are exclusively English and are harder to tag for our models



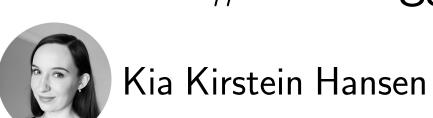


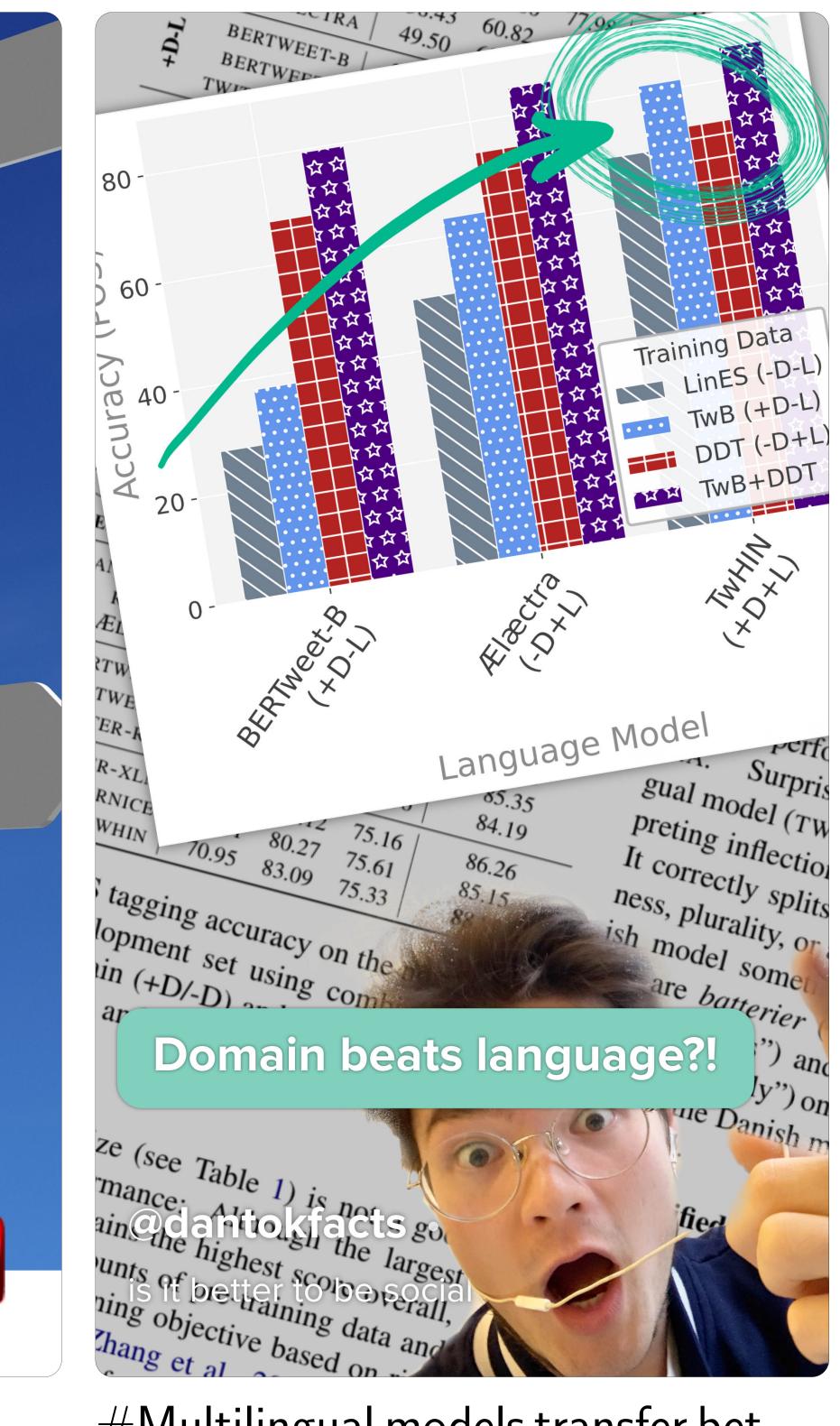
Words for which annotators were #uncertain also posed the largest problems for automatic taggers





#Normalization is important on social media and improves the performance of #POStaggers





#Multilingual models transfer better w/in-domain, English than outof-domain, Danish data

