Perplexity vs Quantity of Gold Standard Fine-tuning Data Fully Trained GPT-2 with Synthetic and Gold-Standard Fine-Tuning Data Frisian Occitan Cebuano 2×10^{3} 10^{3} 10^2 10^{3} Perplexity 6×10^2 6×10^{1} 6×10^{2} 4×10^2 4×10^{1} 3×10^2 3×10^{1} 4×10^{2} 100 Fine-tune Data Quantity (1000s of sentences)

Fully Trained English GPT-2

200

Pure

Hybrid

100

0