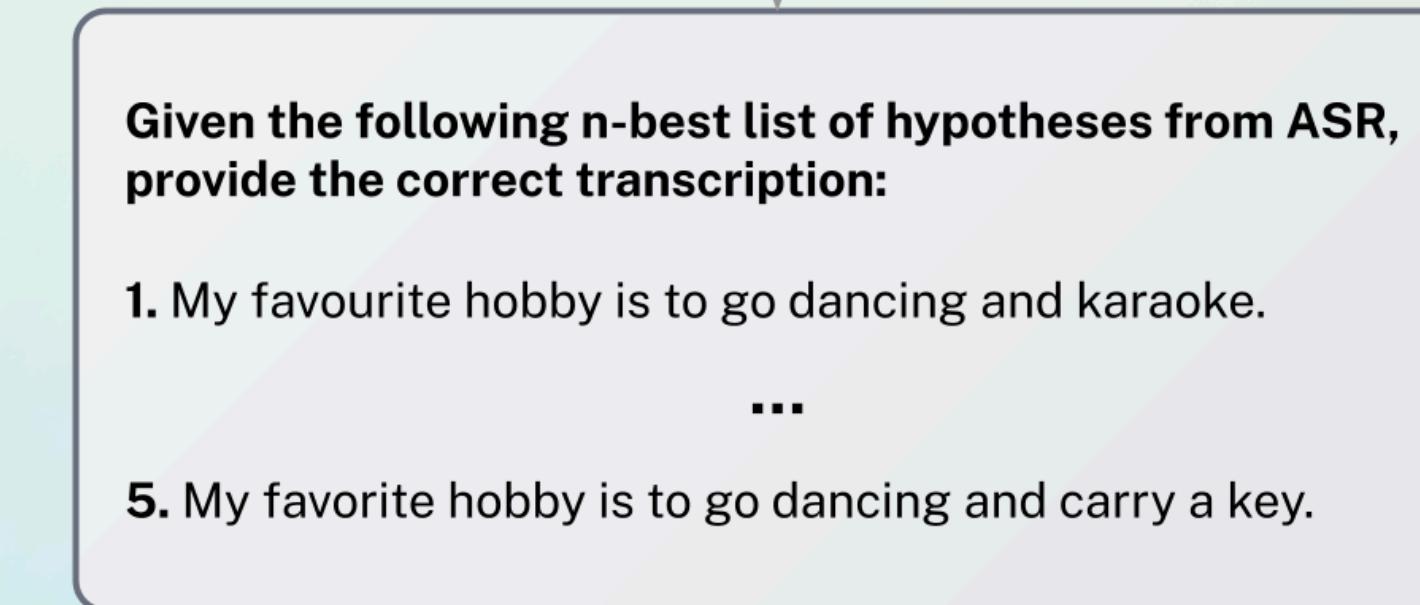


Exploring Generative Error Correction for Dysarthric Speech Recognition

ASR STAGE



GER STAGE



Exploring Generative Error Correction for Dysarthric Speech Recognition

ASR Model	Fine-Tuned	GER	Dev		Test-1		Test-2	
			WER ↓	SemScore ↑	WER ↓	SemScore ↑	WER ↓	SemScore ↑
Large-v3	✗	✗	11.60	83.91	11.39	84.82	14.49	78.83
Large-v3	✗	3B	7.91	89.42	10.99	86.45	13.87	79.88
Large-v3	✗	11B	7.34	90.32	10.63	86.96	13.64	80.40
Large-v2	✓	✗	7.17	91.94	10.90	87.24	13.04	81.89
Large-v2	✓	3B	6.40	92.47	10.67	87.51	12.89	82.16

(ZS) 11.60% → 7.34% (FT) 7.17% → 6.40%

🏆 Best on Digital Assistant and Sentences 🤐 Worst on isolated words.