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			TABLE III			
A comparison of the Percentage Word Error Rates using DNN-HMMs and GMM-HMMs on five different large vocabulary tasks.						
	task	hours of	DNN-HMM	GMM-HMM	GMM-HMM	
		training data		with same data	with more data	
	Switchboard (test set 1)	309	18.5	27.4	18.6 (2000 hrs)	
	Switchboard (test set 2)	309	16.1	23.6	17.1 (2000 hrs)	
	English Broadcast News	50	17.5	18.8		
	Bing Voice Search	24	30.4	36.2		
	(Sentence error rates)					
	Google Voice Input	5,870	12.3		16.0 (>>5,870hrs)	
	Youtube	1,400	47.6	52.3		
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