

Table 1: WER (%) evaluation on LibriCSS for continuous speech separation with different models and different test methods. 0S/0L denotes 0% overlap ratio with short/long silence. Stitching type is chunk-wise. The proposed methods are marked with *.

Model	Overlap ratio between windows	Overlap ratio (%)							MACs of 60s (G)
		0S	0L	10	20	30	40	Avg	
No Separation	-	15.4	11.5	21.7	27.0	34.3	40.5	26.6	-
BLSTM	50%	15.5	12.0	21.5	26.9	34.4	38.4	26.2	162.42
	0%	16.3	12.2	23.5	28.4	35.2	39.4	27.3	83.53
*Speaker-biased BLSTM	50%	15.9	11.9	20.9	26.9	33.0	37.4	25.7	161.40
	0%	17.1	11.9	23.1	29.5	35.5	39.3	27.6	83.00
Conformer	50%	18.5	13.4	21.9	26.2	32.0	36.0	25.9	150.13
	0%	20.5	13.1	24.9	30.0	36.1	38.7	28.7	77.21
*Speaker-biased Conformer	50%	17.9	16.4	20.5	24.6	29.4	32.1	24.3	108.31
	0%	22.4	18.0	25.6	29.3	34.4	36.2	28.7	55.7