

	Configuration	BLEU (Δ)	BP	$\mathcal{L}_1^{\text{GPU}}$ (Speed-up)		$\mathcal{L}_1^{\text{CPU}}$ (Speed-up)	
AT	<i>big</i> (teacher)	21.07	0.920	345 ms	$1.0 \times$	923 ms	$1.0 \times$
	<i>base</i>	18.91	0.908	342 ms	$1.0 \times$	653 ms	$1.4 \times$
	<i>base</i> (12-1)	15.47	0.806	152 ms	$2.3 \times$	226 ms	$4.0 \times$
	<i>base</i> (12-1) + KD	18.76	0.887	145 ms	$2.4 \times$	254 ms	$3.6 \times$
NAT	KD + CTC	16.93 (+0.00)	0.828	17.3 ms	$19.9 \times$	84 ms	$11.0 \times$
	KD + CTC + VAE	18.73 (+1.80)	0.862	16.4 ms	$21.0 \times$	83 ms	$11.1 \times$
	w. <i>BeamSearch20</i>	19.80 (+2.87)	0.958	28.5 ms	$12.1 \times$	99 ms	$9.3 \times$
	w. <i>BeamSearch20</i> + 4-gram LM	21.41 (+4.48)	0.954	31.5 ms	$11.0 \times$	106 ms	$8.7 \times$
	w. <i>NPD5</i>	18.88 (+1.95)	0.866	34.9 ms	$9.9 \times$	313 ms	$2.9 \times$
	w. <i>NPD5</i> + <i>BeamSearch20</i> + 4-gram LM	21.84 (+4.91)	0.962	57.6 ms	$6.0 \times$	284 ms	$3.2 \times$