

Table 6: TLS conditional generation results.

Model	TLS Dataset	
	V.U.N. $\uparrow$	TLS Val. $\uparrow$
Train set	0.0	100
GraphGen (Goyal et al., 2020)	40.2 $\pm$ 3.8	25.1 $\pm$ 1.2
BiGG (Dai et al., 2020)	0.6 $\pm$ 0.4	16.7 $\pm$ 1.6
SPECTRE (Martinkus et al., 2022)	7.9 $\pm$ 1.3	25.3 $\pm$ 0.8
DiGress+ (Madeira et al., 2024)	13.2 $\pm$ 3.4	12.6 $\pm$ 3.0
ConStruct (Madeira et al., 2024)	<b>99.1<math>\pm</math>1.1</b>	92.1 $\pm$ 1.3
DeFoG (# steps = 50)	44.5 $\pm$ 4.2	<u>93.0</u> $\pm$ 5.6
DeFoG (# steps = 1,000)	<u>94.5</u> $\pm$ 1.8	<b>95.8<math>\pm</math>1.5</b>