Model performance in WER (%) against each dialect with pre-training

	Egyptian	Gulf	Iraqi	Levantine	Maghrebi
Egyptian	72.15 (± 2.83)	92.06 (± 1.64)	97.61 (± 2.83)	90.35 (± 5.75)	100.4 (± 6.66)
Gulf	84.47 (± 0.74)	81.48 (± 4.25)	94.35 (± 3.32)	82.04 (± 1.27)	95.66 (± 3.4)
Iraqi	88.4 (± 2.22)	93.94 (± 3.64)	79.96 (± 3.37)	89.67 (± 4.37)	102.15 (± 7.67)
Levantine	82.38 (± 0.48)	88.23 (± 2.15)	93.74 (± 0.91)	74.33 (± 2.97)	92.68 (± 0.58)
Maghrebi	87.29 (± 3.26)	94.75 (± 6.57)	100.46 (± 5.2)	87.52 (± 8.14)	86.37 (± 9.79)

Dialect tested on — Dialect fine-tuned on