

# Zero-shot MT

Firat et al. 2016 (two papers)

- *Finetuning*: what if we use a small amount of parallel data in this setting?
- Q: Where would we get this data?

	Pivot	Many-to-1	Dev	Test
(a)			< 1	< 1
(b)	√		20.64	20.4

**Table 4:** Zero-resource translation from Spanish (Es) to French (Fr) *without* finetuning. When pivot is √, English is used as a pivot language.