RESULTS

BONUS: THE GROMOV–WASSERSTEIN LINGUISTIC DISTANCE

▸ Recall: GW induces a (true) metric
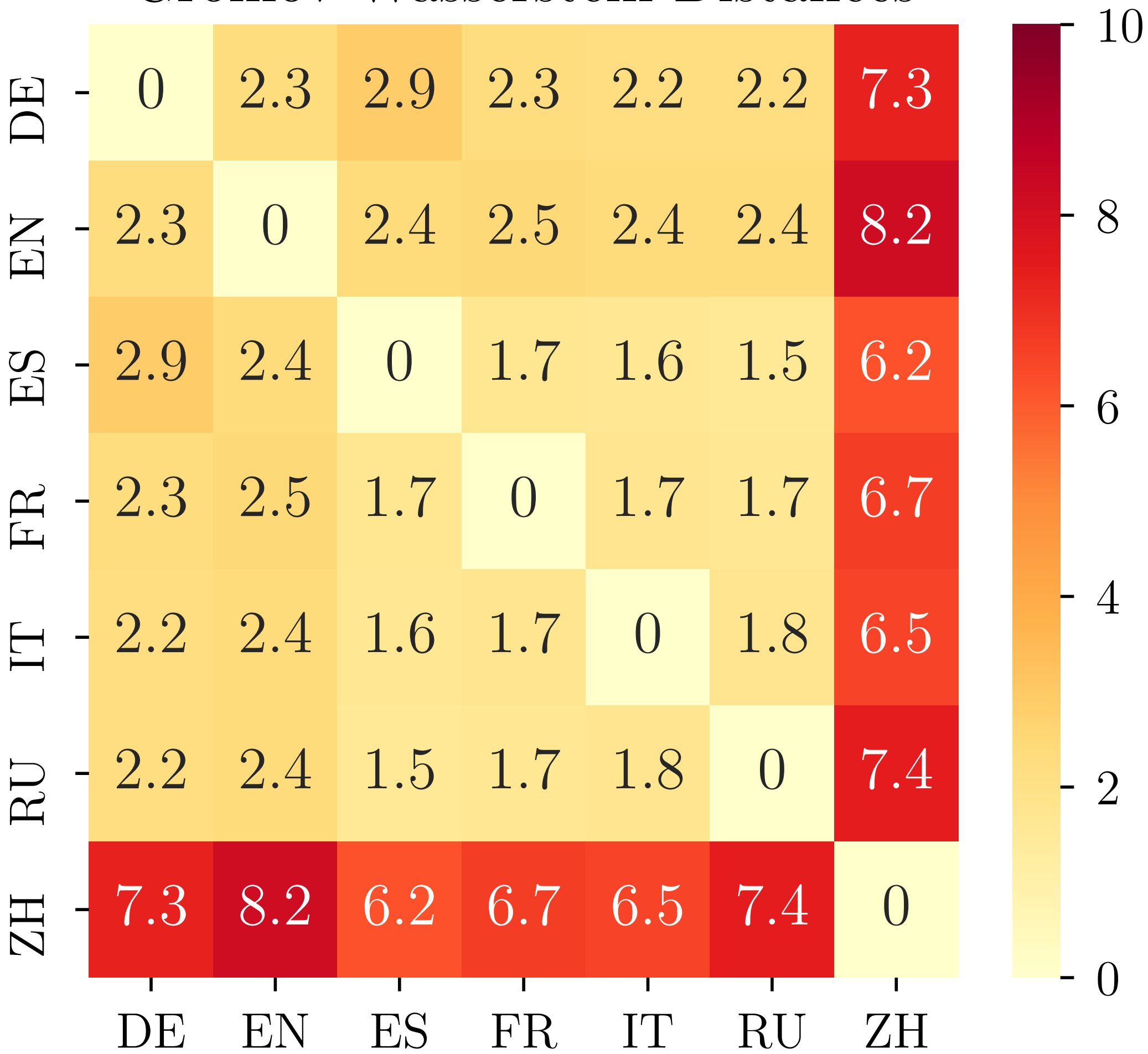
▶ ~ a semantic/syntactic linguistic distance

► Qualitative results:

▸ Romance languages cluster

▶ Russian is close to Spanish (!)

▸ English ~equidistant from DE/FR

Gromov-Wasserstein Distances

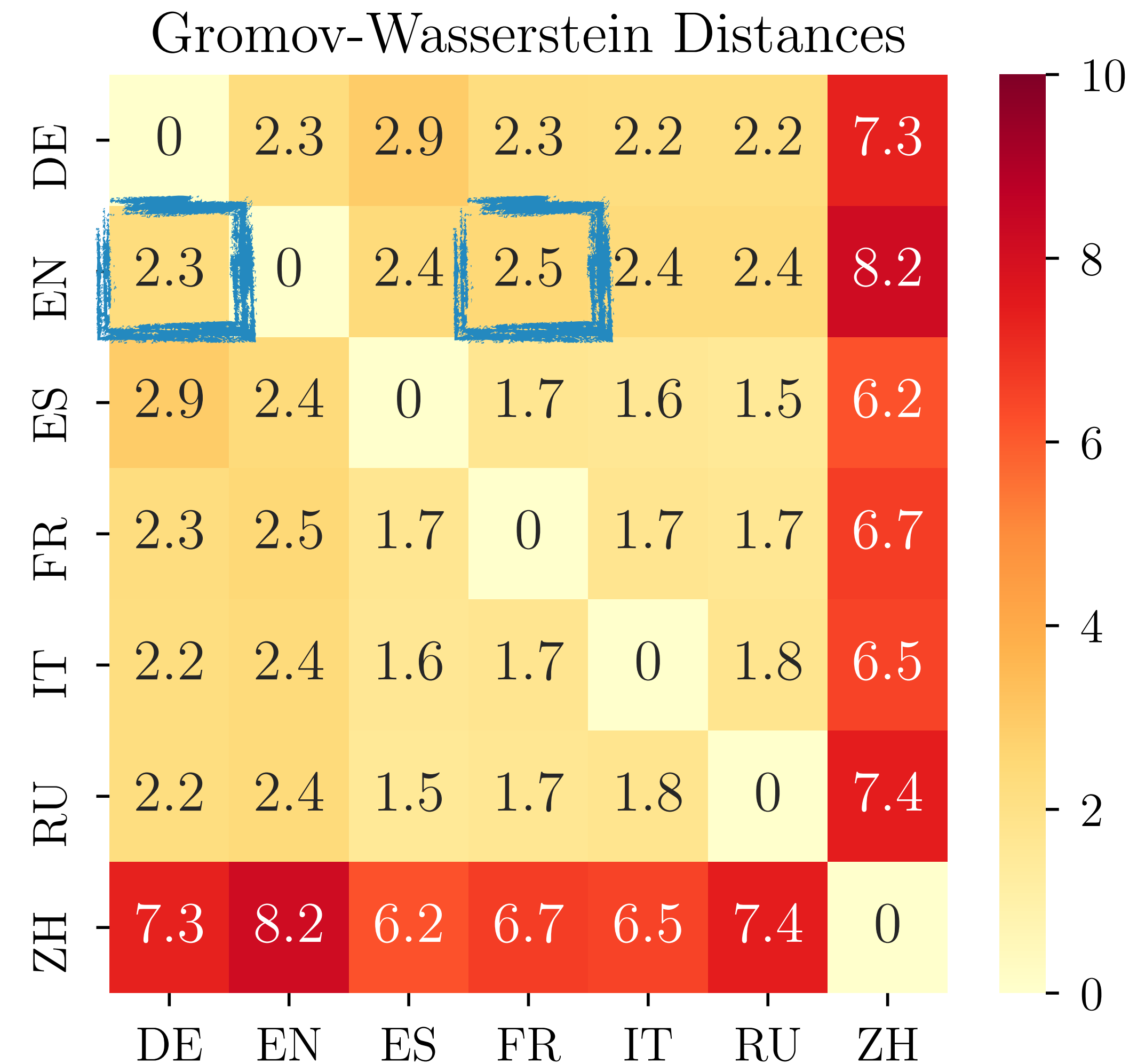|	DE	EN	ES	FR	IT	RU	ZH
DE	0	2.3	2.9	2.3	2.2	2.2	7.3
EN	2.3	0	2.4	2.5	2.4	2.4	8.2
ES	2.9	2.4	0	1.7	1.6	1.5	6.2
FR	2.3	2.5	1.7	0	1.7	1.7	6.7
IT	2.2	2.4	1.6	1.7	0	1.8	6.5
RU	2.2	2.4	1.5	1.7	1.8	0	7.4
ZH	7.3	8.2	6.2	6.7	6.5	7.4	0

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SUMMARY