





between words embeddedding

Optimal Transport

3

6

• Treating as support points of distribution

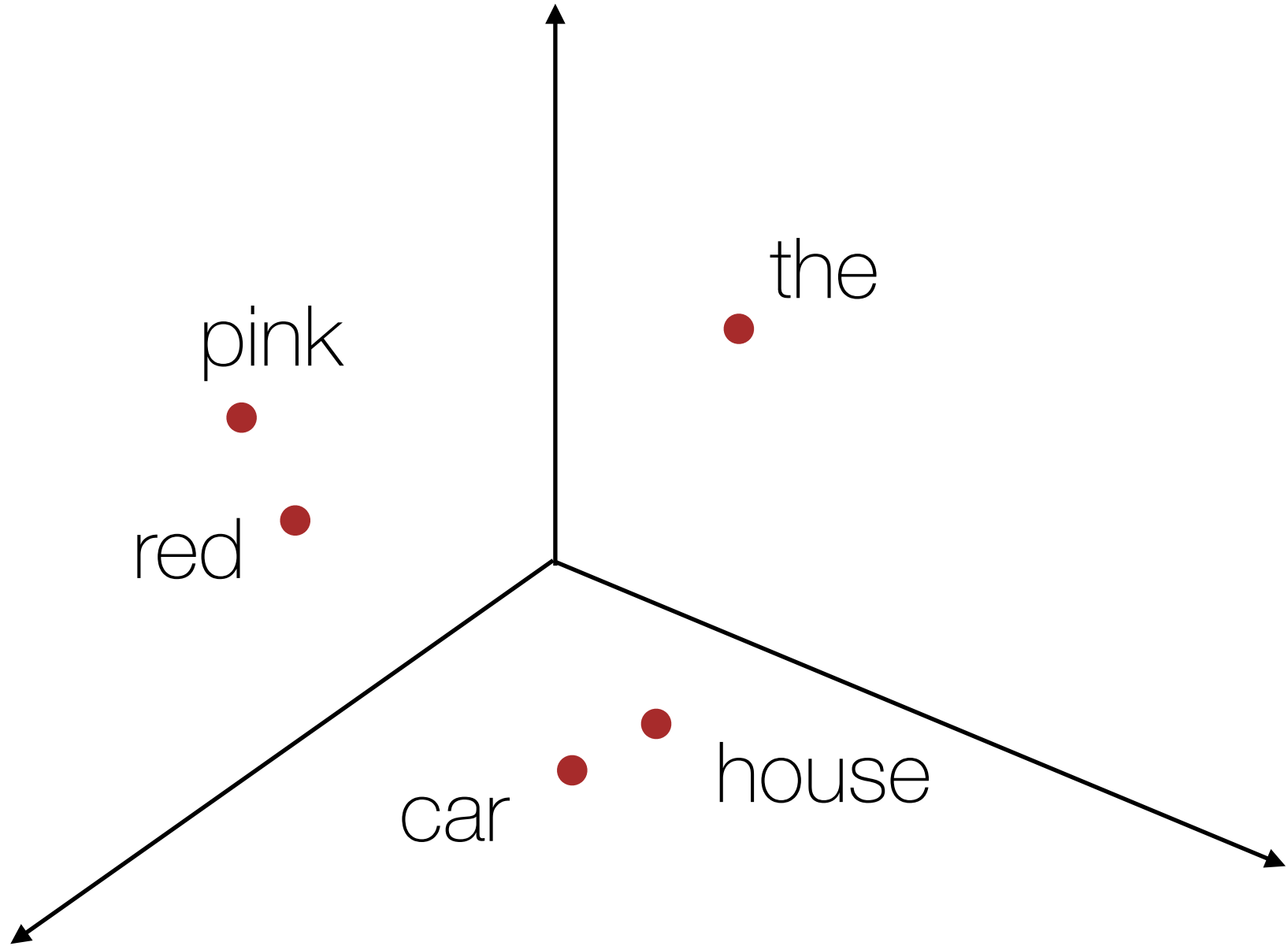


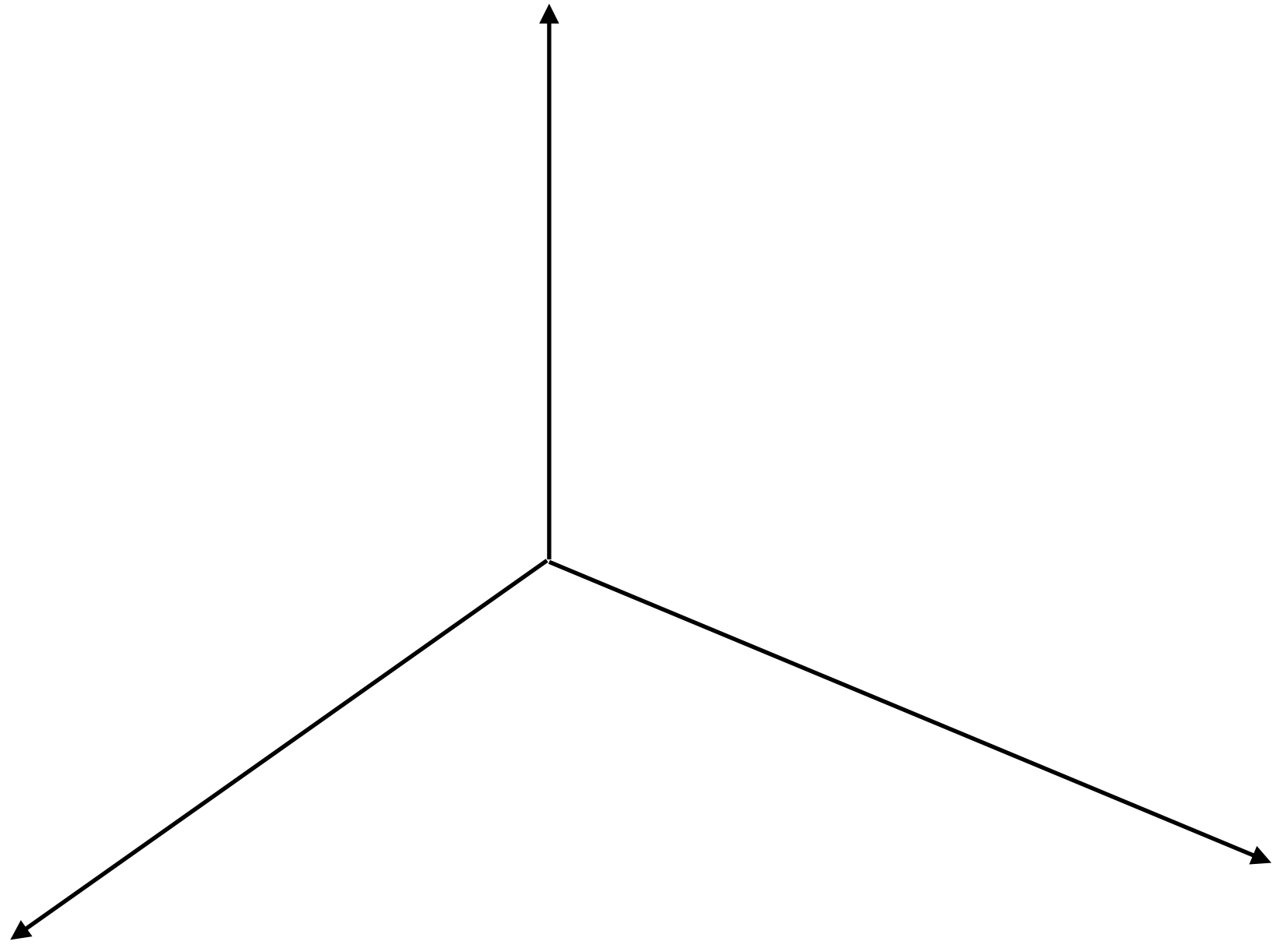




• But this assumes the two spaces are registered (~axes are in correspondence)

• Not true in general for embedding in different languages!





el

la

rosa ●



roja

casa • • coche





[Kusner et al. 2015]

e.g. *MMMD/Kusner et al., 2015*

$$c(w_i^{EN}, w_j^{ES}) = d(v^{EN}(w_i), v^{ES}(w_j))$$



identical/unordered

embedding objective



3

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