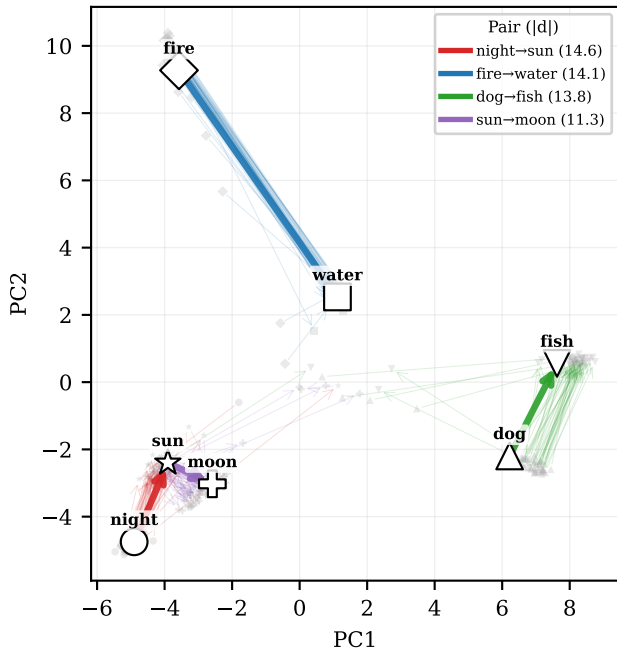(a) Joint PCA: top-4 offset pairs

(b) Offset vectors (all 4 pairs)

Pair (|d|)
- night→sun (14.6)
- fire→water (14.1)
- dog→fish (13.8)
- sun→moon (11.3)