

# VSM for Paradigmatic Relation Mining

1. How to compute each vector?

**word<sub>1</sub>**

$$d1 = (x_1, \dots, x_N) \quad x_i = ?$$

$$d2 = (y_1, \dots, y_N)$$

2.  $Sim(d1, d2) = ?$

$$y_j = ?$$

**word<sub>2</sub>**

**word<sub>N</sub>**

Many approaches are possible  
(most developed originally for text retrieval).