



# Problem 7 from HW4-Part 6

influence\_map(rj, "Paris")

— friends of friends of Paris

— friends of Paris

Juliet's influence score =  $\frac{1}{\# \text{ of friends Capulet has}}$

only friend Paris + Juliet have in common

Tybalt's influence score =  $\frac{1}{\# \text{ friends Capulet has}}$

only friend Paris + Tybalt have in common

Romeo's score =  $\frac{1}{\# \text{ friends Mercutio has}}$

only friend Paris + Romeo have in common

Montague's score =  $\frac{1}{\# \text{ friends Escalus has}}$

only friend Paris + Montague have in common

influence\_map(rj, "Paris") = { 'Montague': 0.25, 'Tybalt': 0.25, 'Romeo': 0.3333, 'Juliet': 0.25 }