

## Assignment 2 – Window-based Tagging

Omer Zucker 200876548  
Omer Wolf 307965988

### Part 2 – External word embeddings

dog:

[('cat', 0.7709259769145915), ('rabbit', 0.7319670153567381), ('puppy', 0.6965872912479808), ('frog', 0.6484941022772281), ('kitten', 0.6348920530812183)]

england:

[('ireland', 0.9009473338245269), ('scotland', 0.8500773404200398), ('australia', 0.8063409338273497), ('wales', 0.7983477530776709), ('europe', 0.7752753846783795)]

john:

[('george', 0.9220484429316901), ('robert', 0.8988161740885584), ('charles', 0.8946922827779179), ('william', 0.8894472752280502), ('james', 0.8782858999808392)]

explode:

[('grenadiers', 0.5554276681938686), ('slashed', 0.5508392346507232), ('appendix', 0.5339477979858465), ('monnet', 0.5242184541980066), ('instantaneously', 0.5182675882175857)]

office:

[('board', 0.6681674892325014), ('court', 0.6197735812307626), ('offices', 0.6174371328485806), ('commission', 0.6166757055712345), ('authority', 0.6033201253924071)]