

With a Little Help from my Neighbors: Person Name Linking Using the Wikipedia Social Network

Johanna Geiß, Michael Gertz

Database Systems Research Group

Institute of Computer Science,

Heidelberg University

{geiss, gertz}@informatik.uni-heidelberg.de



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

WikiWorkshop @ WWW 2016

Wikipedia Social Network

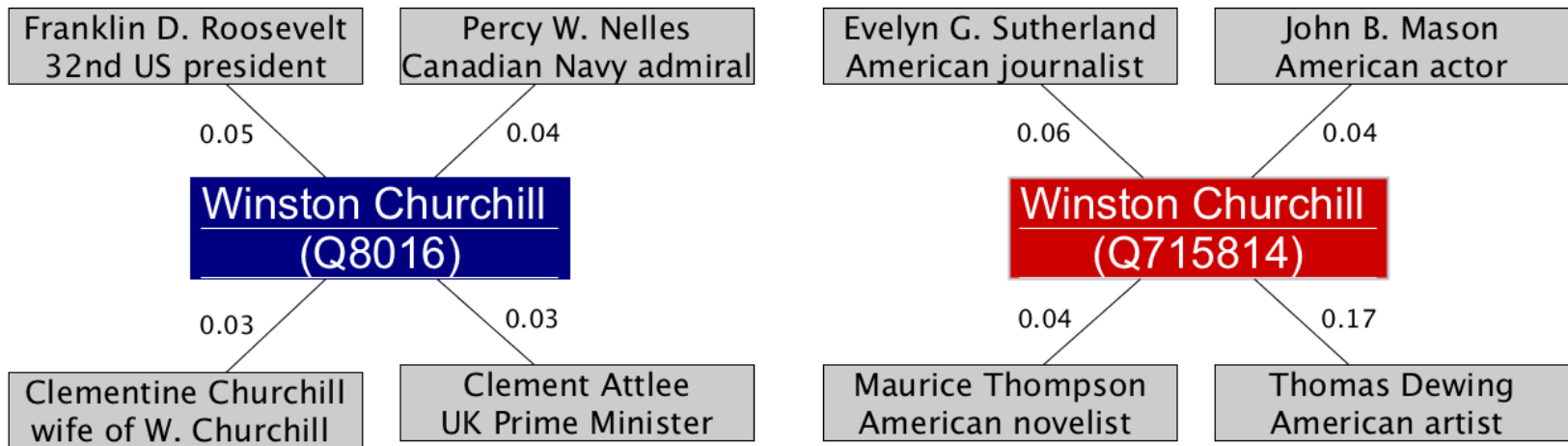


Figure 1: Top four closest neighbors within the Wikipedia Social Network

For details see: J. Geiß, A. Spitz, and M. Gertz (2015). *Beyond Friendships and Followers: The Wikipedia Social Network*. ASONAM 2015



Disambiguation & Linking

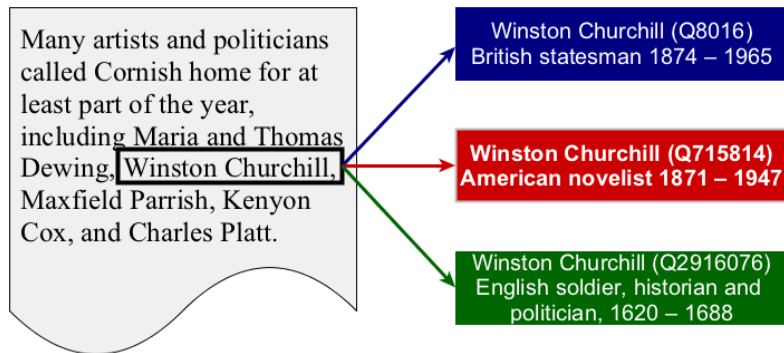


Figure 2: Ambiguous person mention

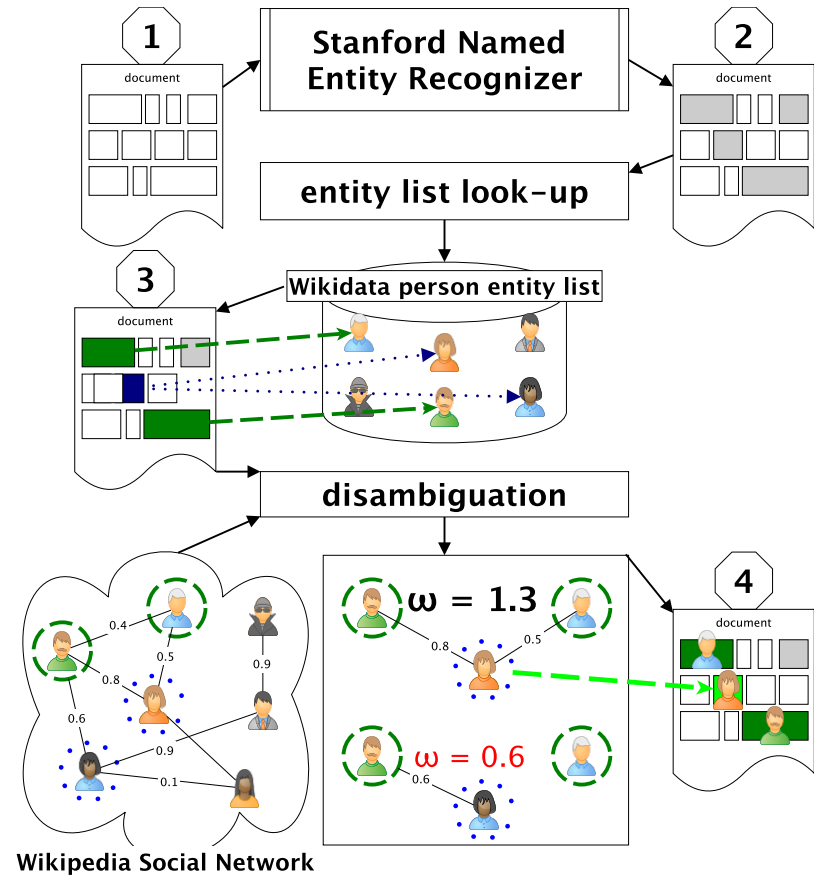


Figure 3: Overview of SocNNEL

