Supplementary Material for
Identification of Alias Links among Participants in Narratives

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A   Appendix

For reproducibility, we give additional auxiliary details in this Appendix. Also, output of our approach as well as all the baselines has been uploaded as supplementary material along with the submission.

Dataset	#Sents	# Distinct canonical mentions	Avg. words per Sentence
Nap	113	116	16.30
Fas	122	120	13.84
BoH	77	98	20.71
Mao	122	214	26.49

Table A.1: Statistical properties of the datasets

Details of checkWordNetHypernyms() :
We have manually categorized a few WordNet synsets as shown in Table A.2. For each generic NP headword if any of these synsets appear as ancestors in its WordNet hypernym tree, we assign the corresponding participant type. We use only the first sense of the headword in WordNet. Figure A.1 shows the hypernym tree for the headword school of the participant a military school.

Figure A.1: Checking WordNet hypernyms for school

Type	Synsets
PER	{person, individual, someone, somebody, mortal}
ORG	{organization, organisation}; {social group}; {place of business, business establishment}
LOC	{geological formation, formation}; {location}; {land}; {direction, way}; {passage}; {position, spatial relation}; {body of water, water}; {kingdom, land, realm}

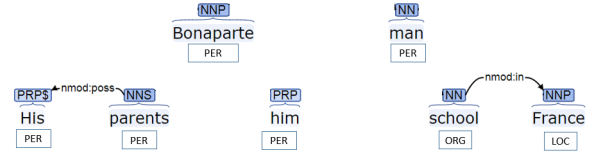Table A.2: Manually categorized WordNet synsets for participant types

Figure A.2: G' corresponding to sentences in Figure 1 (in the main draft) at the beginning of Phase-III of Algorithm 1