

Automatic QE for NLG: Ranting (Joint Rating and Ranking) – Supplementary Material

Attribute	Delexicalisation
address	full
area	names only (excl. <i>city centre</i> , <i>riverside</i>)
customer rating	-
food/cuisine	-
kids-friendly	-
meal type	-
nearby venue/monument name	full
phone number	full
postcode	full
price	full
price range	-
venue count	full
venue name	full
venue type	-

Table 3: List of attributes in our data and their delexicalisation level. Delexicalised attributes are replaced with placeholders (e.g. “X-name” for venue names) to prevent data sparsity (Mairesse et al., 2010; Wen et al., 2015).

Parameter	Value
Embedding/GRU cell width	50
Dropout keep rate	0.8
Batch size	50
Learning rate	0.0001
Number of fully connected layers	1
Max. number of epochs	100
Epochs using synthetic data	50

Table 4: Listing of network parameters used for our experiments on both datasets. Only the first two cross-validation folds from the NEM set and only the first 2,500 training instances from the E2E set were used for parameter search on development data.