

A Supplemental Material

MODEL	Embedding size	l_2 regularization
LSTM-1	128	1e-4
LSTM-2	512	1e-5
MemN2N	64	NA
DMN+	64	1e-3
DSMN	32	1e-3
DSMN*	32	1e-4

Table 3: The value of the tuned hyper-parameters for all the models on FloorPlanQA. MemN2N (Sukhbaatar et al., 2015) model does not use l_2 regularization, so we tuned only the embedding size

MODEL	Embedding size	l_2 regularization
LSTM-1	2048	0.01
LSTM-2	512	0.1
MemN2N	512	NA
DMN+	128	0.1
DSMN	32	0.1
DSMN*	64	0.01

Table 4: The value of the tuned hyper-parameters for all the models on ShapeIntesection. MemN2N (Sukhbaatar et al., 2015) model does not use l_2 regularization, so we tuned only the embedding size.