

Supplementary Material:
CM-Net: A Novel Collaborative Memory Network for
Spoken Language Understanding

Anonymous EMNLP-IJCNLP submission

A Indent Distribution in CAIS

Intent	Training	Valid	Test
Chat	1.25%	1.21%	1.39%
Remind	1.40%	1.41%	1.39%
GetNews	0.55%	0.50%	0.69%
PlayPoem	1.04%	1.01%	1.09%
PlayMusic	87.24%	87.61%	86.51%
GetWeather	2.38%	2.32%	2.48%
PlayFMJoke	0.34%	0.30%	0.40%
PlayFMStory	3.70%	3.63%	3.77%
PlayFMFiction	0.90%	0.91%	0.89%
ControlSystem	0.48%	0.40%	0.60%
PlayFMCrosstalk	0.73%	0.70%	0.79%

Table 1: The proportions of intents for the training, validation and test sets in our proposed CAIS dataset.

B Hyperparameter Settings

Hyperparameter	Value
Dropout	0.5
Batch Size	128
Epoch Size	100
Layer Size	3
Windows Size	3
Learning Rate	0.001
Loss Weight λ	0.5
Word Embedding Size	300
Char Embedding Size	100
Recurrent Hidden Size	400
Slot Memory Hidden Size	400
Intent Memory Hidden Size	400

Table 2: Hyperparameter settings.