

Minutes on 14th Oct 2022

Subject:	COMP90051 Statistical Machine Learning
Group name/ identifier	Group 88
Meeting Location, Date & Time	ERC library, Melbourne. 14 th Oct, the whole day.
Group members present	Leting Zhouli, Yu Weng, Xiongfei Guo
Apologies	None

1 Actions from previous meetings

Task	Who is responsible	Deadline
Split coauthors who have never worked with prolific authors for one-hot encoding.	Yu Weng	13th Oct
Try encoding titles and abstracts better.	Leting Zhouli	13th Oct
Improve MLP, and try using year, venue.	Xiongfei Guo	13th Oct

2 Items discussed and decisions made

Item	Decision (if applicable)
Splitting coauthors who have never worked with prolific authors can decrease the dimension of the feature. We should one-hot encode the splits and use it as the coauthor's feature.	Should do
Year and venue don't really work in this task	Agreed
One-hot encoding titles and abstracts doesn't work well	Agreed
Try to use word to vector transformation for titles and abstracts	Should do
Run multiple times to tune MLP hyperparameters	Should do

3 Agreed actions from this meeting

Task	Who is responsible	Deadline
One-hot encode the splits and use it as the coauthor's feature.	Yu Weng	16 th Oct
Use word to vector transformation for titles and abstracts	Leting Zhouli	16 th Oct
Improve MLP, adjust hyperparameters	Xiongfei Guo	16 th Oct
Start writing the report	All	17 th Oct

4 Next meeting

Location	ERC library, Melbourne
Date & Time	17th Oct, the whole day
Goals	Fully conduct the discussed methods, write the report.