

BENCHMARK RESULTS

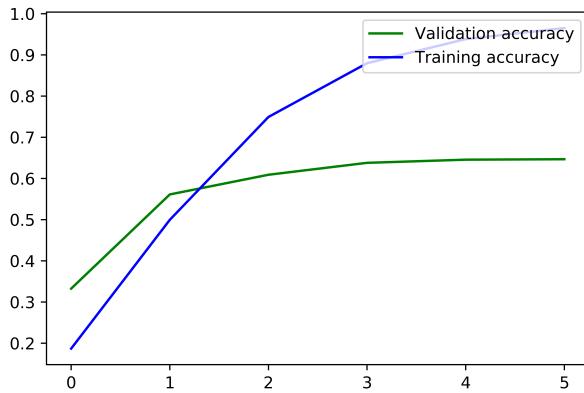
20 NEWSGROUP DATASET



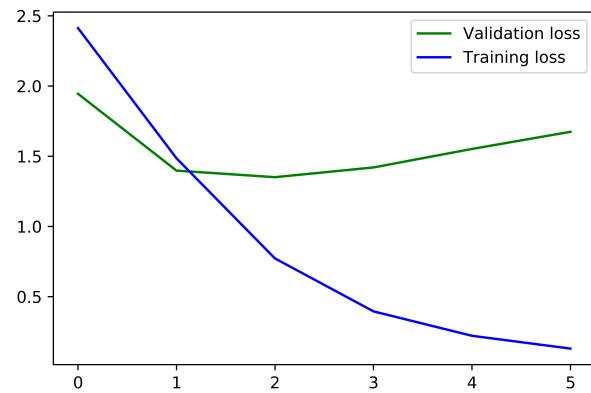
SEQUENCE 2 CLASS

MODELLO SEQUENCE 2 CLASS CON HIDDEN LAYER

ACCURACY



LOSS

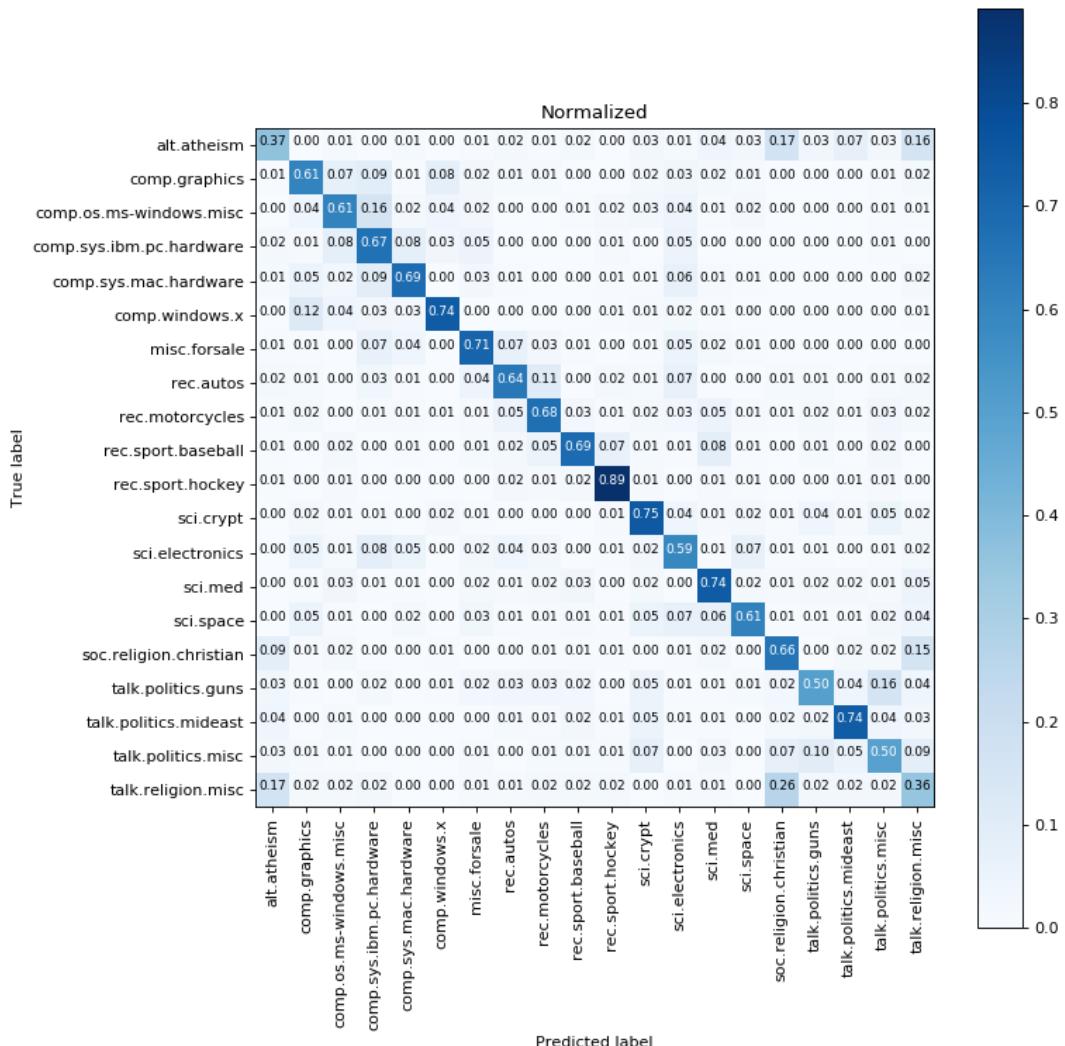


ACCURACY
0.9652

LOSS
0.1296

VALIDATION ACCURACY
0.6467

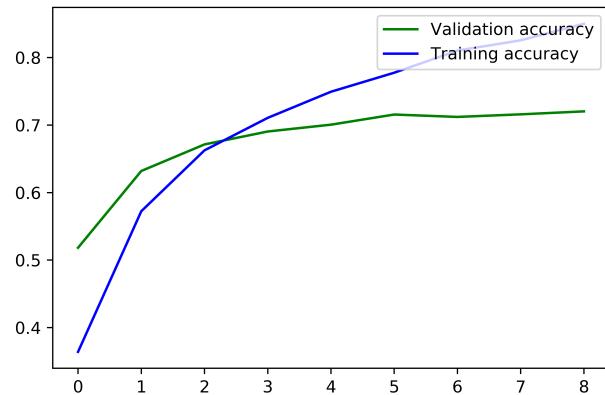
VALIDATION LOSS
1.6742



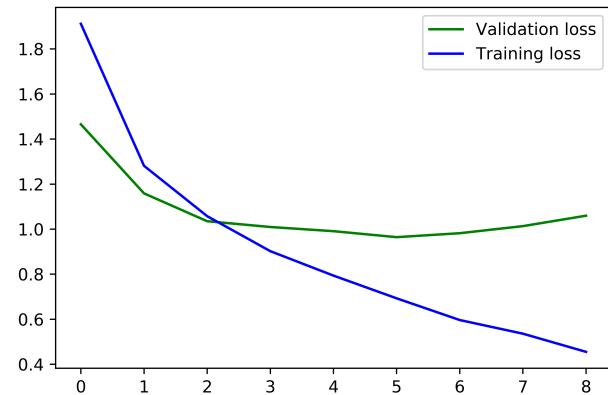
SEQUENCE 2 CLASS - GloVe

MODELLO SEQUENCE 2 CLASS CON HIDDEN LAYER + PRE-TRAINED GLOVE WORD EMBEDDINGS

ACCURACY



LOSS

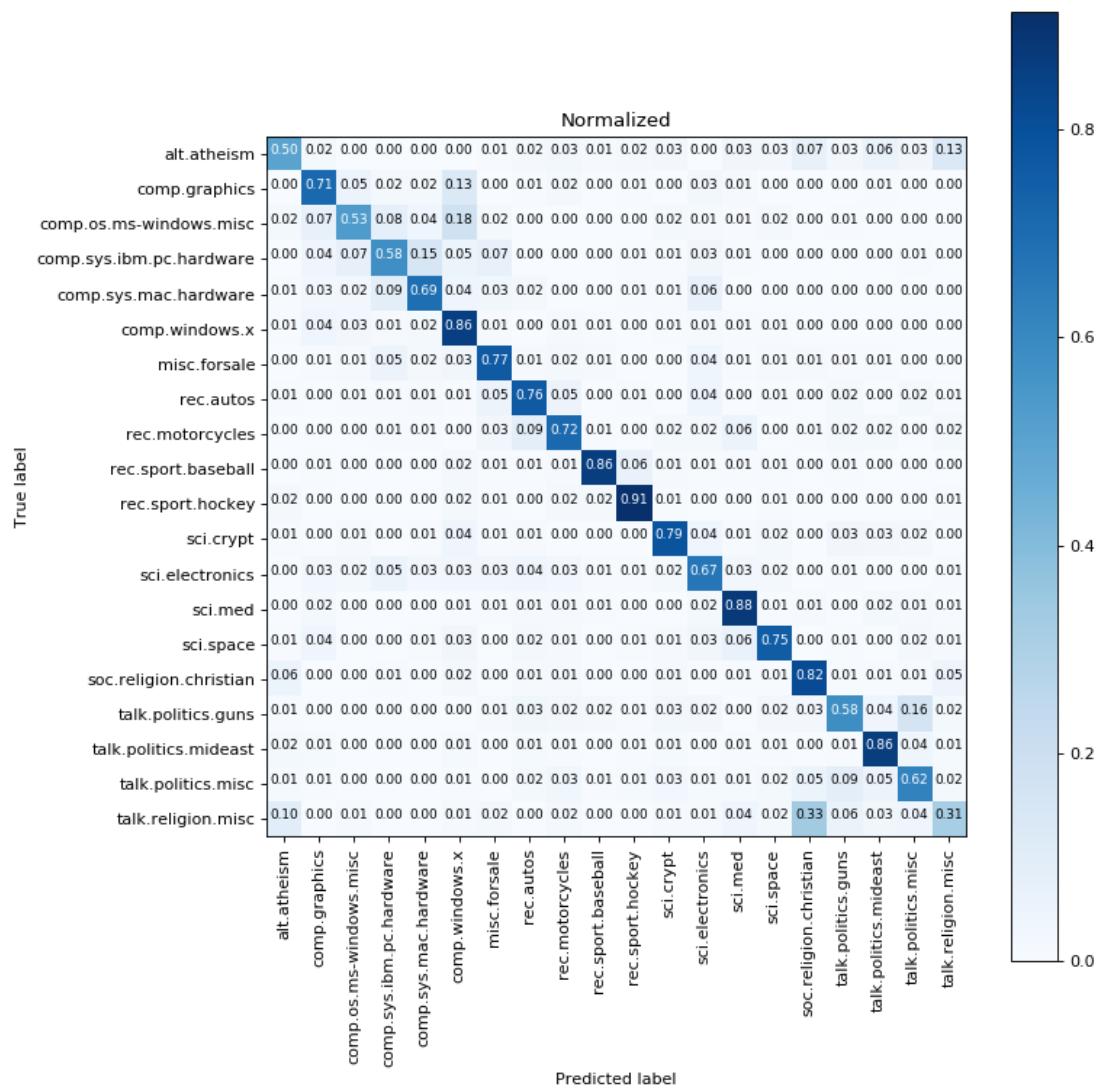


ACCURACY
0.8500

LOSS
0.4553

VALIDATION ACCURACY
0.7202

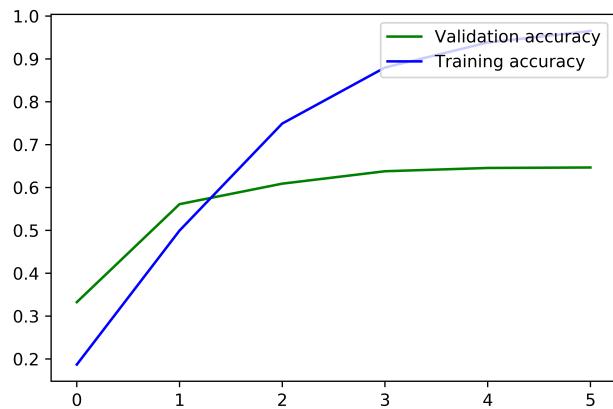
VALIDATION LOSS
1.0598



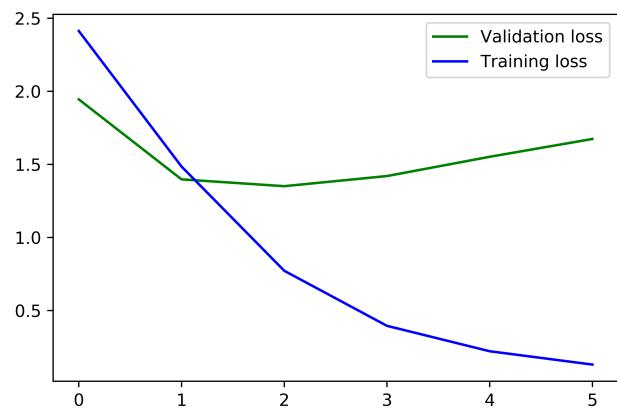
SEQUENCE 2 CLASS - No Hidden

MODELLO SEQUENCE 2 CLASS SENZA HIDDEN LAYER

ACCURACY



LOSS



ACCURACY

0.9751

LOSS

0.1041

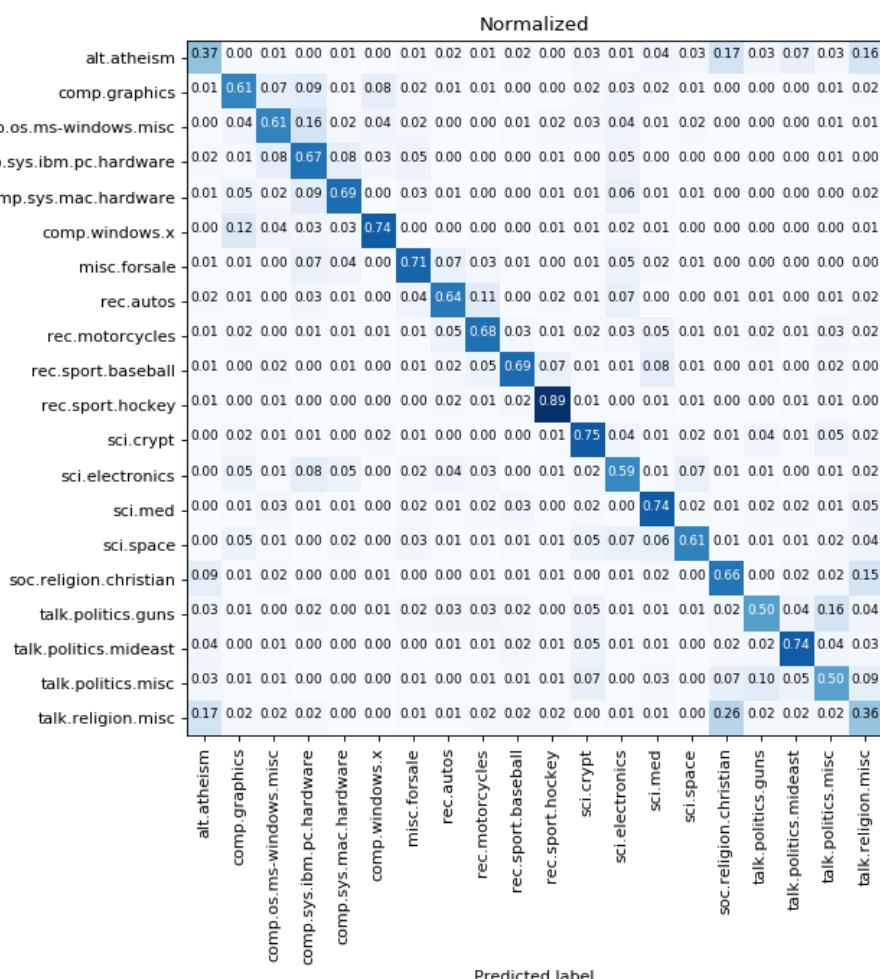
VALIDATION ACCURACY

0.6776

VALIDATION LOSS

1.3338

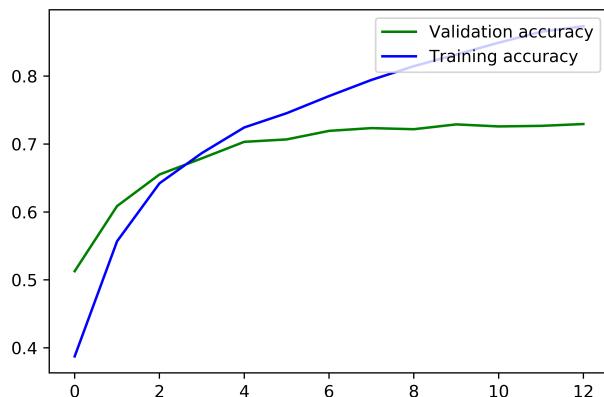
True label



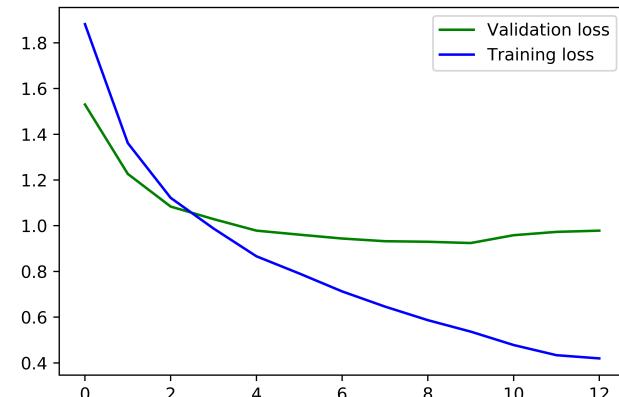
SEQUENCE 2 CLASS - No Hidden + GIV

MODELLO SEQUENCE 2 CLASS SENZA HIDDEN LAYER + PRE-TRAINED GLOVE WORD EMBEDDINGS

ACCURACY



LOSS



ACCURACY

0.8735

LOSS

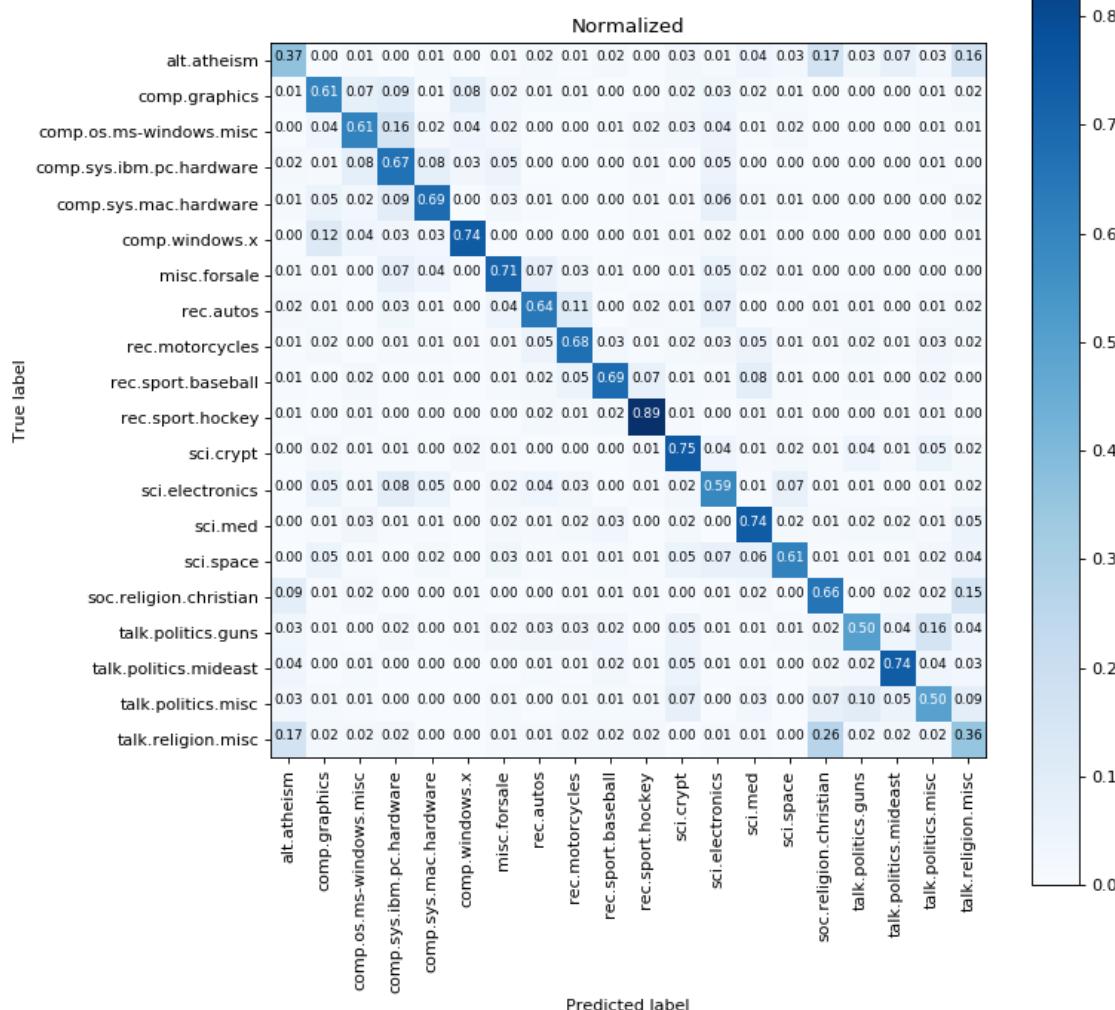
0.4196

VALIDATION ACCURACY

0.7295

VALIDATION LOSS

0.9784



Bag of Words (BoW) + MLP

MODELLO BoW + MLP

ACCURACY

0,9747

LOSS

0,0887

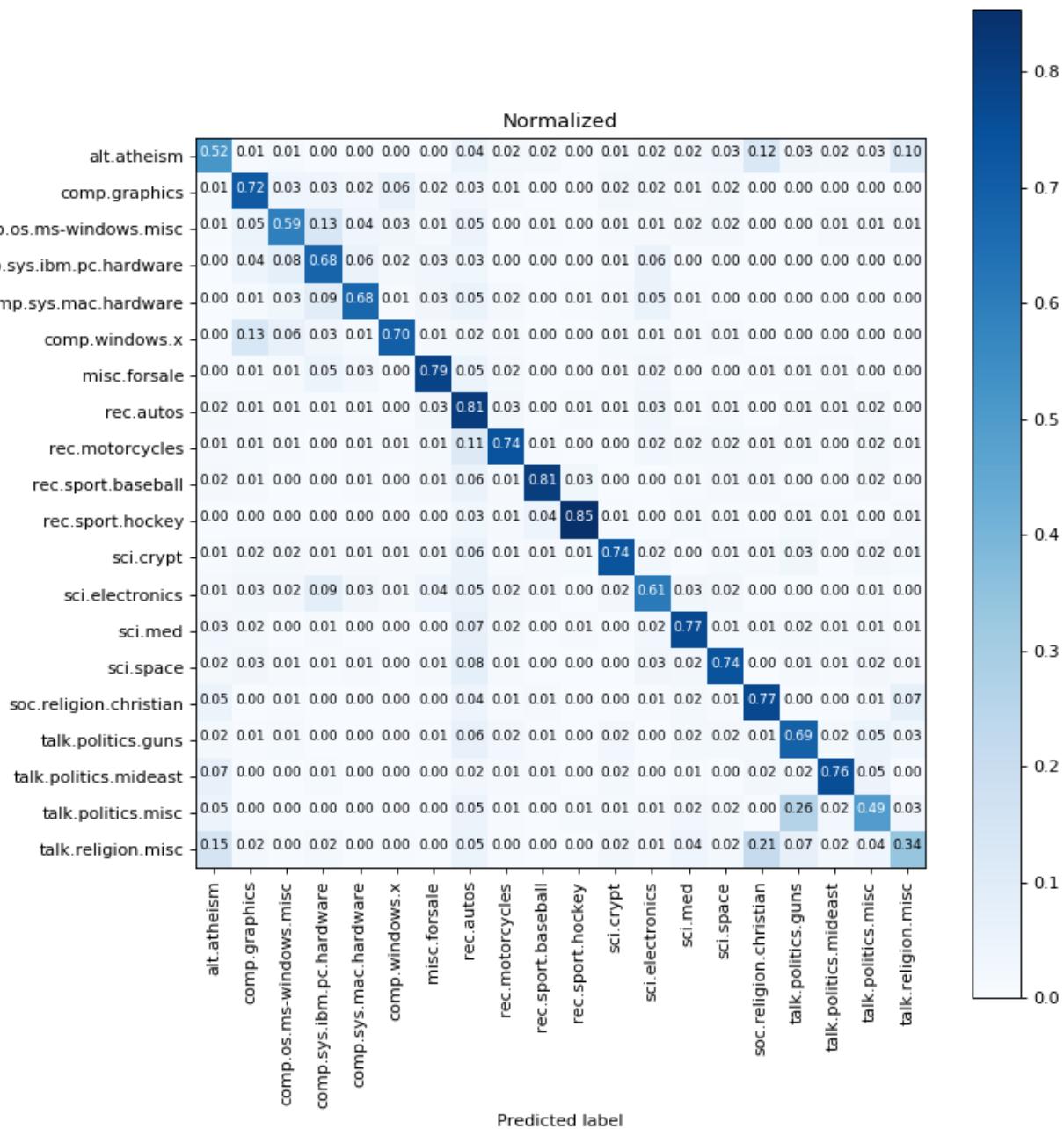
VALIDATION ACCURACY

0,7

VALIDATION LOSS

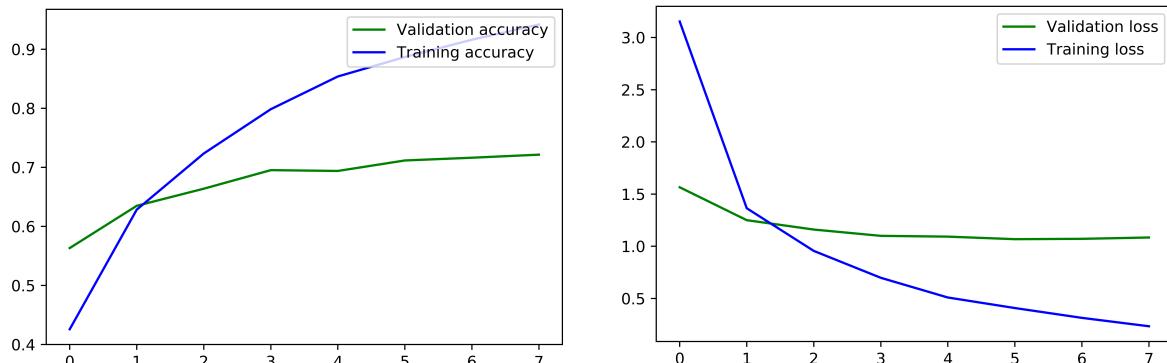
1,1692

True label



Bag of Embeddings (BoE) + MLP - GIV

MODELLO BoE + MLP WITH PRE-TRAINED GLOVE EMBEDDINGS



ACCURACY

0,9420

LOSS

0,2339

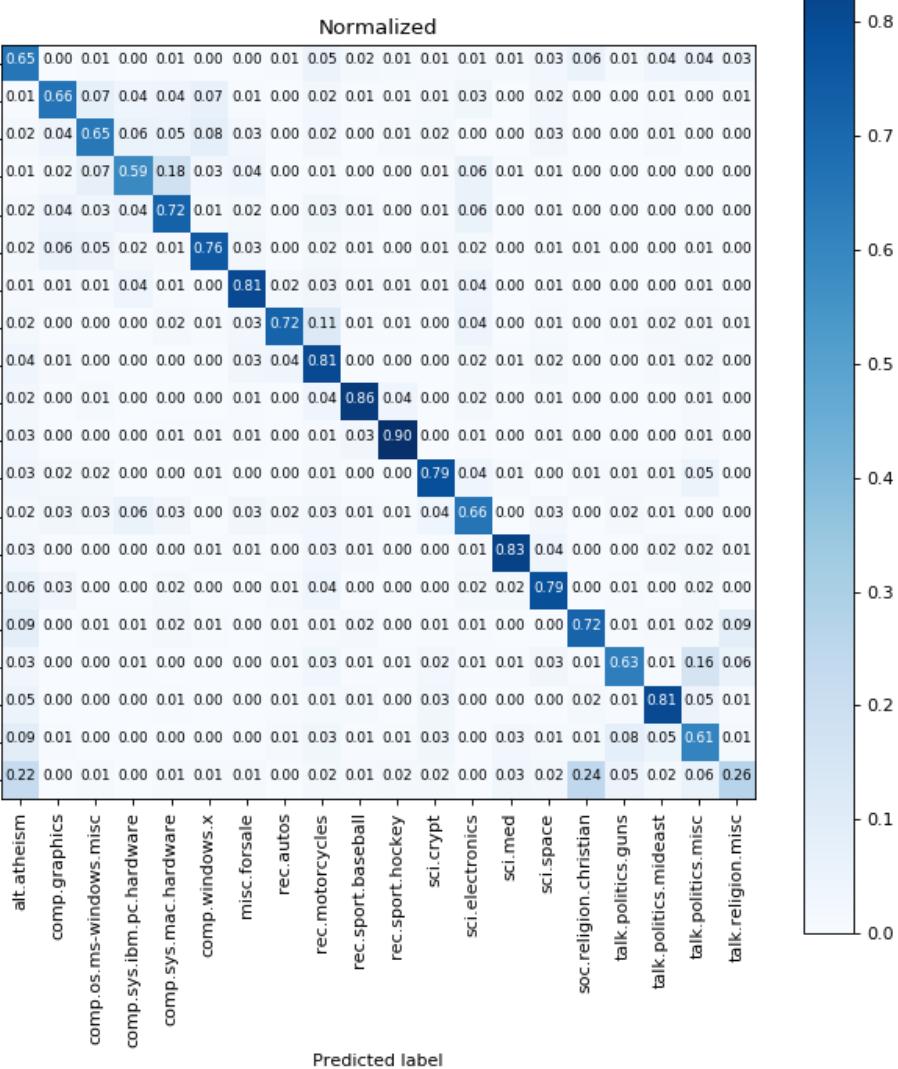
VALIDATION ACCURACY

0,7216

VALIDATION LOSS

1,0842

True label



MODELLO	LOSS	ACCURACY	VALIDATION/TEST LOSS	VALIDATION/TEST ACCURACY
s2c	0,1296	0,9652	1,6742	0,6467
s2c_GIV	0,4553	0,85	1,0598	0,7202
s2c_noHidden	0,1041	0,9751	1,3338	0,6776
s2c_GIV_noHidden	0,4196	0,8735	0,9784	0,7295
BoW + MLP	0,0887	0,9747	1,1692	0,7
BoE (GIV) + MLP	0,2339	0,9420	1,0842	0,7216

