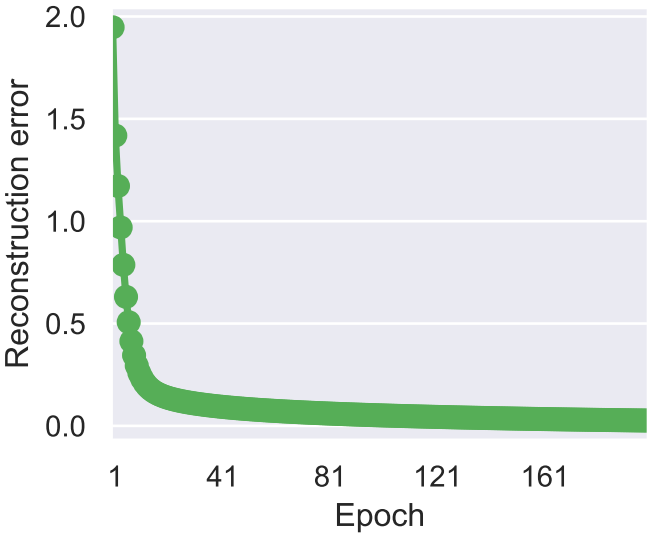


One-hot encoder with arch 420->64 on test set

Reconstruction error during training



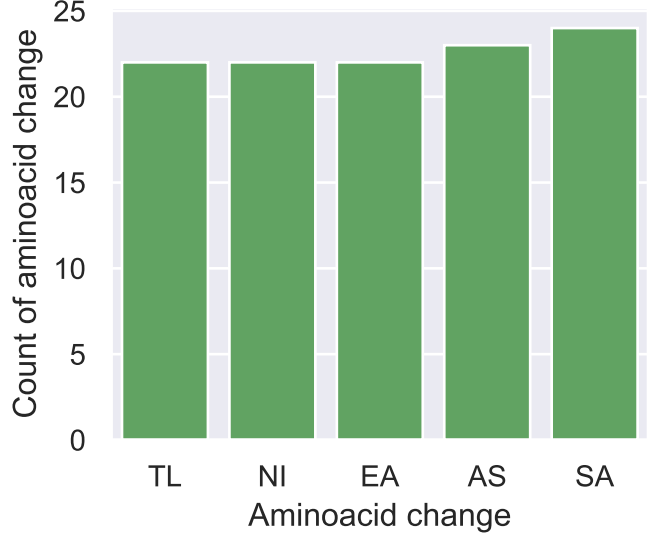
Average reconstruction error on test set:
CELoss: 0.04605

From 17332 sequences with right seq len:17301

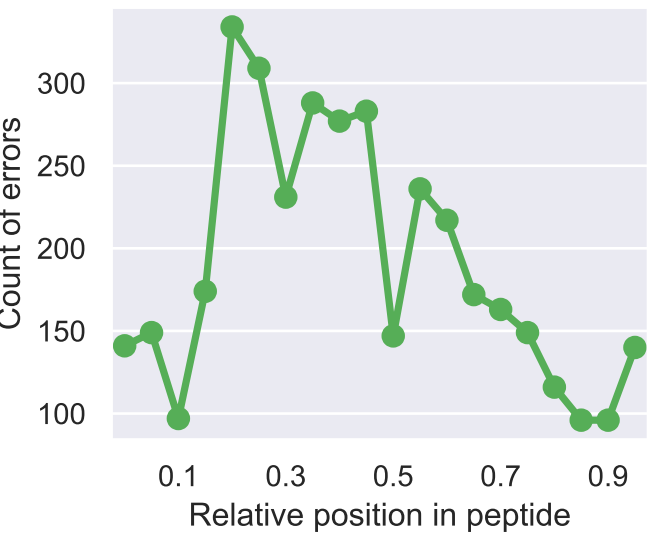
	precision	recall	f1-score	support
A	0.98	0.98	0.98	12719
C	0.91	0.86	0.88	890
D	0.97	0.97	0.97	7050
E	0.98	0.98	0.98	10587
F	0.98	0.98	0.98	8927
G	0.98	0.98	0.98	10576
H	0.96	0.96	0.96	3960
I	0.98	0.98	0.98	9497
K	0.97	0.98	0.97	9392
L	0.99	0.99	0.99	21463
M	0.97	0.96	0.97	4029
N	0.97	0.97	0.97	5809
P	0.98	0.98	0.98	10026
Q	0.97	0.97	0.97	6955
R	0.97	0.97	0.97	8112
S	0.98	0.98	0.98	10881
T	0.98	0.98	0.98	10436
V	0.98	0.98	0.98	13992
W	0.95	0.94	0.95	2014
Y	0.98	0.98	0.98	8026

accuracy			0.98	175341
macro avg	0.97	0.97	0.97	175341
weighted avg	0.98	0.98	0.98	175341

Aminoacid changes (5 most common)



Count of errors by position



Count of errors by position (in %)

