**Prev+ Next Word**

precision recall f1-score support

Location 0.77 0.83 0.80 9154

Organization 0.43 0.64 0.51 3328

Other 0.99 0.97 0.98 269306

Person 0.71 0.83 0.77 8147

accuracy 0.96 289935

macro avg 0.72 0.82 0.77 289935

weighted avg 0.97 0.96 0.96 289935

**Next Word only**

precision recall f1-score support

Location 0.77 0.81 0.79 9366

Organization 0.34 0.61 0.44 2851

Other 0.99 0.97 0.98 269361

Person 0.70 0.80 0.74 8357

accuracy 0.96 289935

macro avg 0.70 0.80 0.74 289935

weighted avg 0.96 0.96 0.96 289935

**Prev Word Only**

precision recall f1-score support

Location 0.75 0.80 0.78 9272

Organization 0.34 0.62 0.44 2726

Other 0.99 0.97 0.98 269609

Person 0.70 0.80 0.75 8328

accuracy 0.96 289935

macro avg 0.69 0.80 0.73 289935

weighted avg 0.96 0.96 0.96 289935

**[With Embedding - all train]**

precision recall f1-score support

Location 0.76 0.79 0.77 9443

Organization 0.35 0.60 0.44 2956

Other 0.98 0.97 0.98 268470

Person 0.72 0.76 0.74 9066

accuracy 0.96 289935

macro avg 0.70 0.78 0.73 289935

weighted avg 0.96 0.96 0.96 289935