

This table gives us the effect of smoothing for IBM Model 1 on 10000 lines of dataset

Size	Smoothing used in IBM Model 1	Translation Direction	Cosine Similarity	Jaccard Coefficient	
10000	Yes	Eng to Dutch	0.4241	0.2765	
		Dutch to Eng	0.4748	0.3195	
	No	Eng to Dutch	0.454	0.301	
		Dutch to Eng	0.2931	0.176	