

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3	No

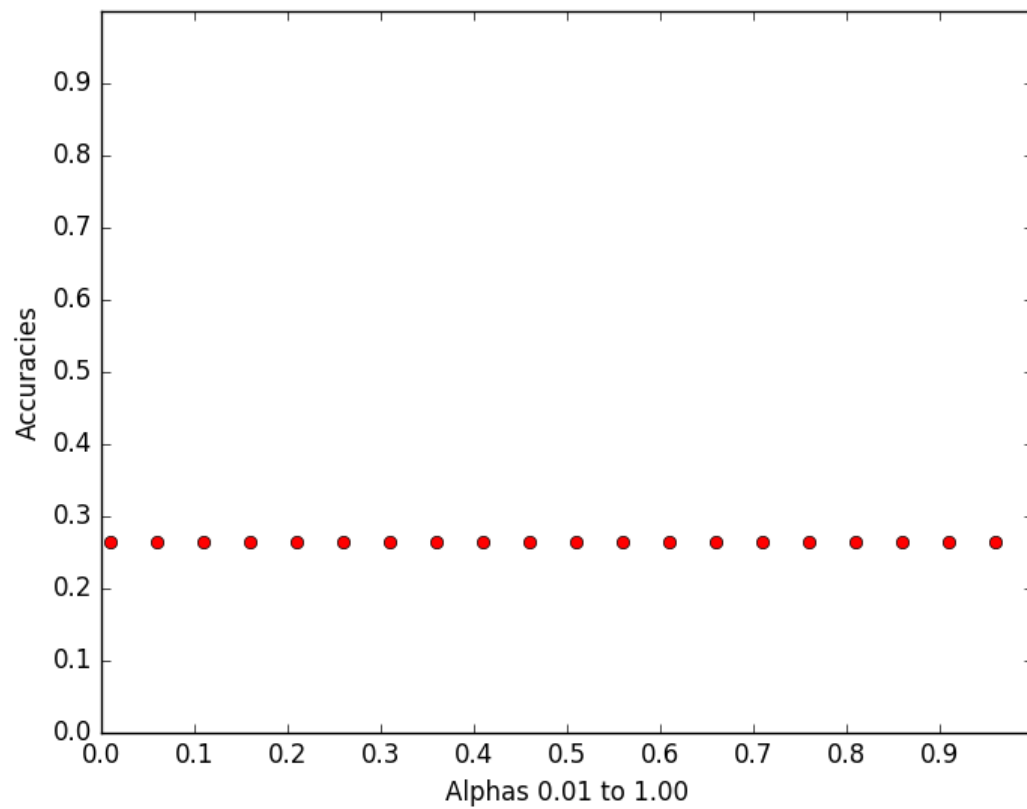


Figure 1

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 1000 length	No

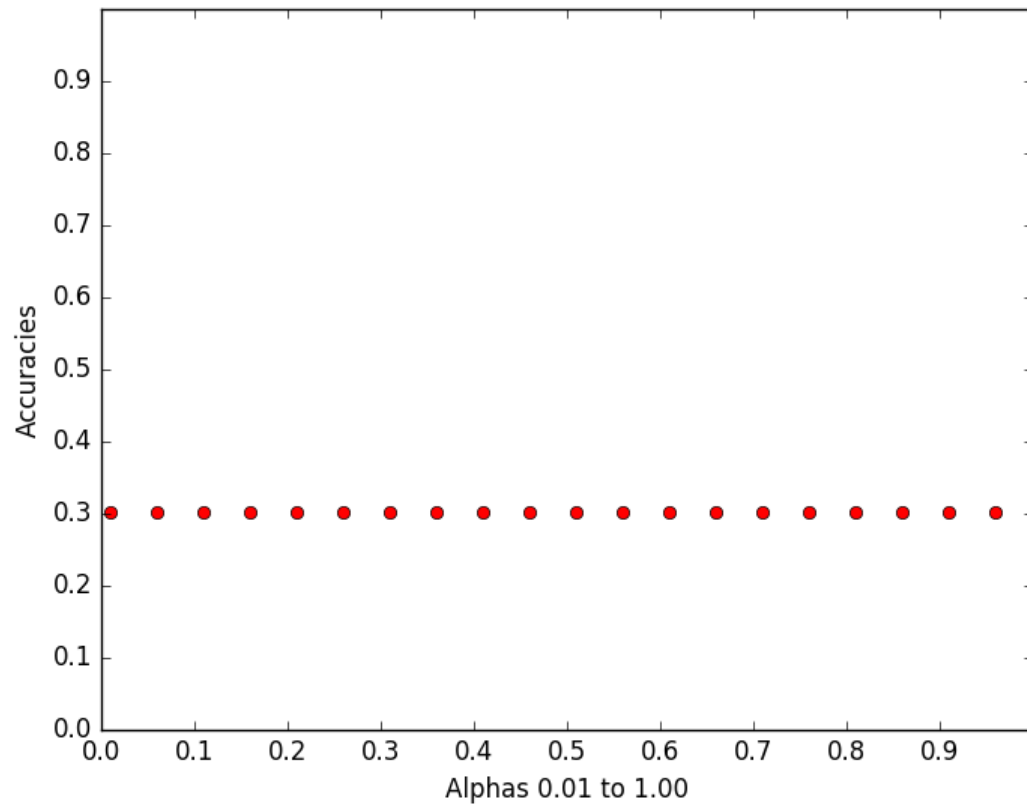


Figure 2

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 2000 length	No

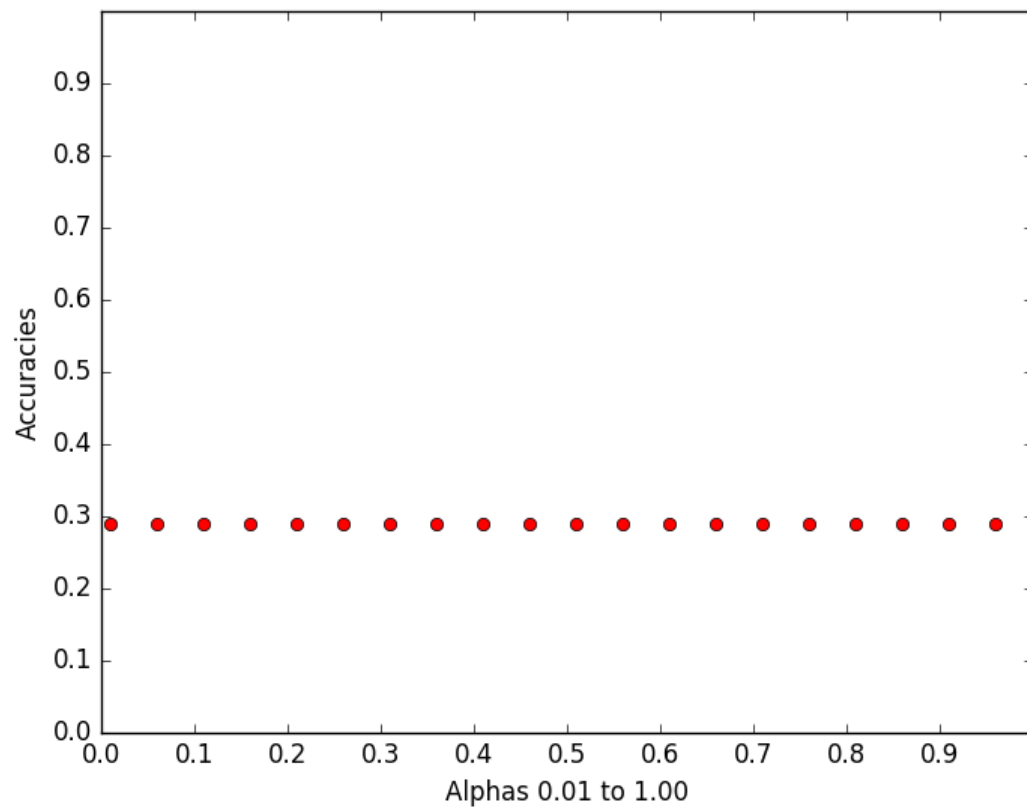


Figure 3

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 3000 length	No

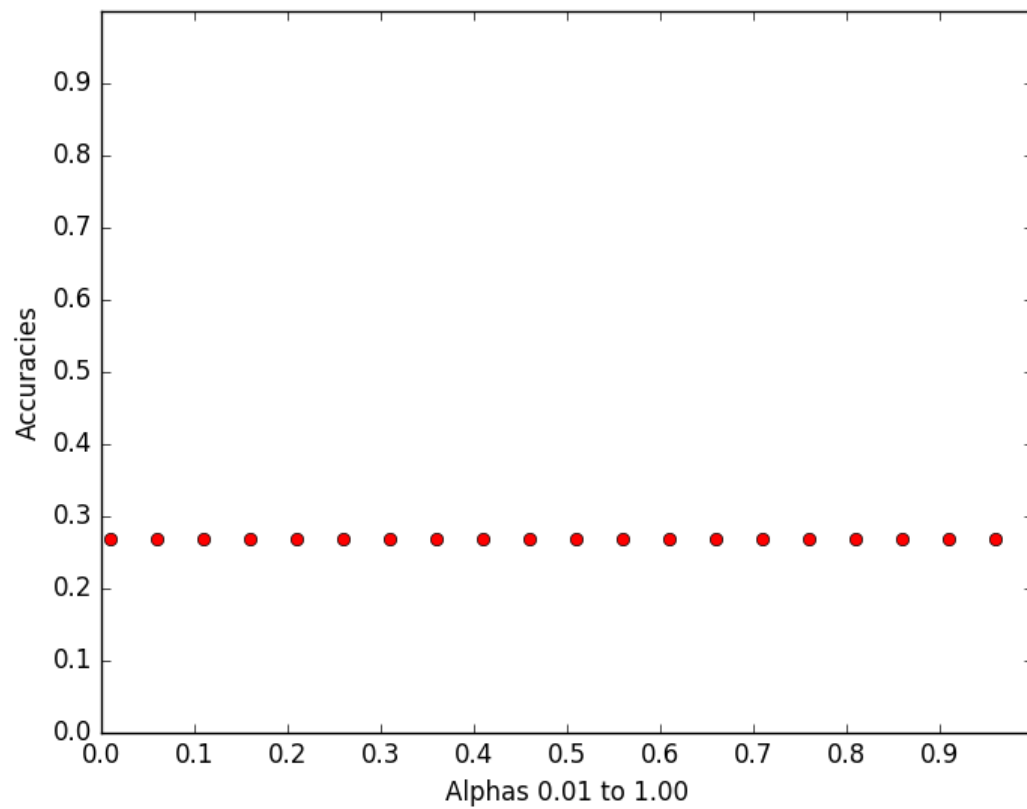


Figure 4

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 4000 length	No

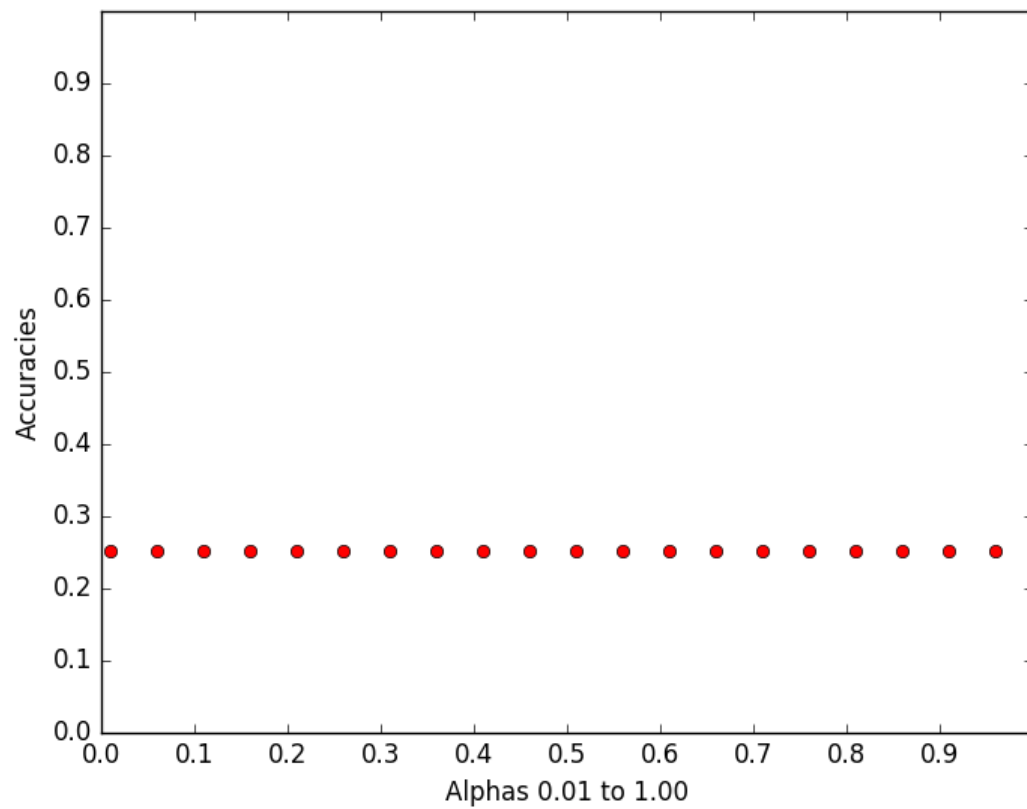


Figure 5

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 5000 length	No

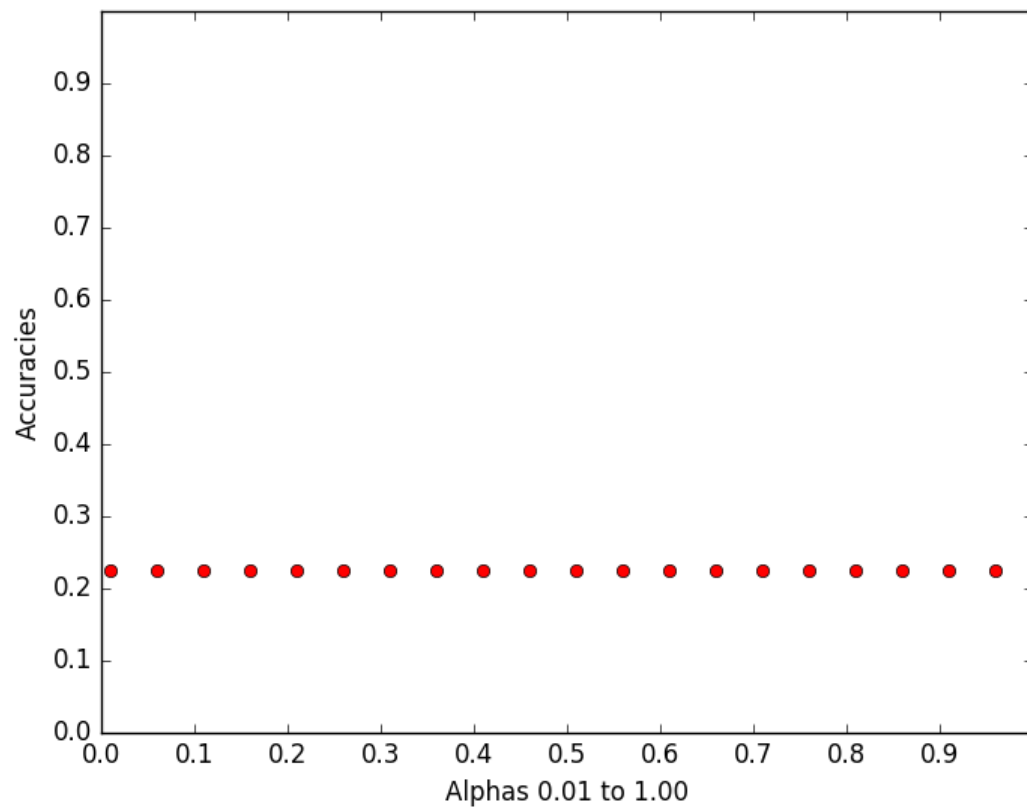


Figure 6

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, Greater than 6000 length	No

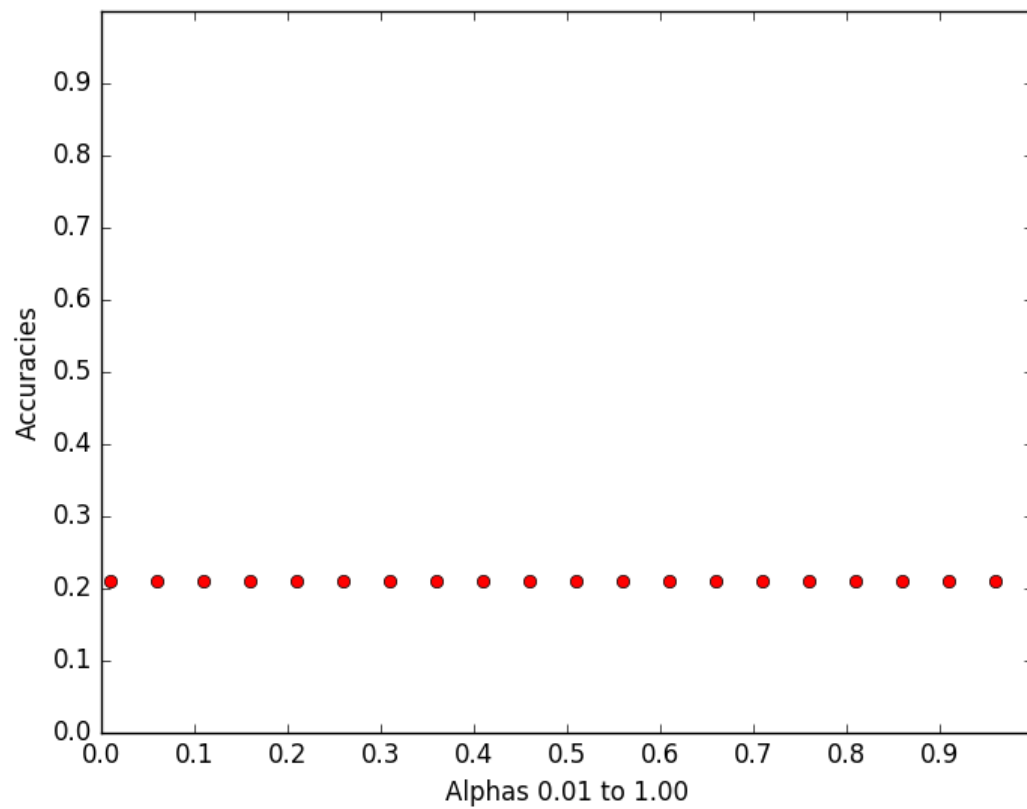


Figure 7

Following graphs with Domain analysis

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3	YES

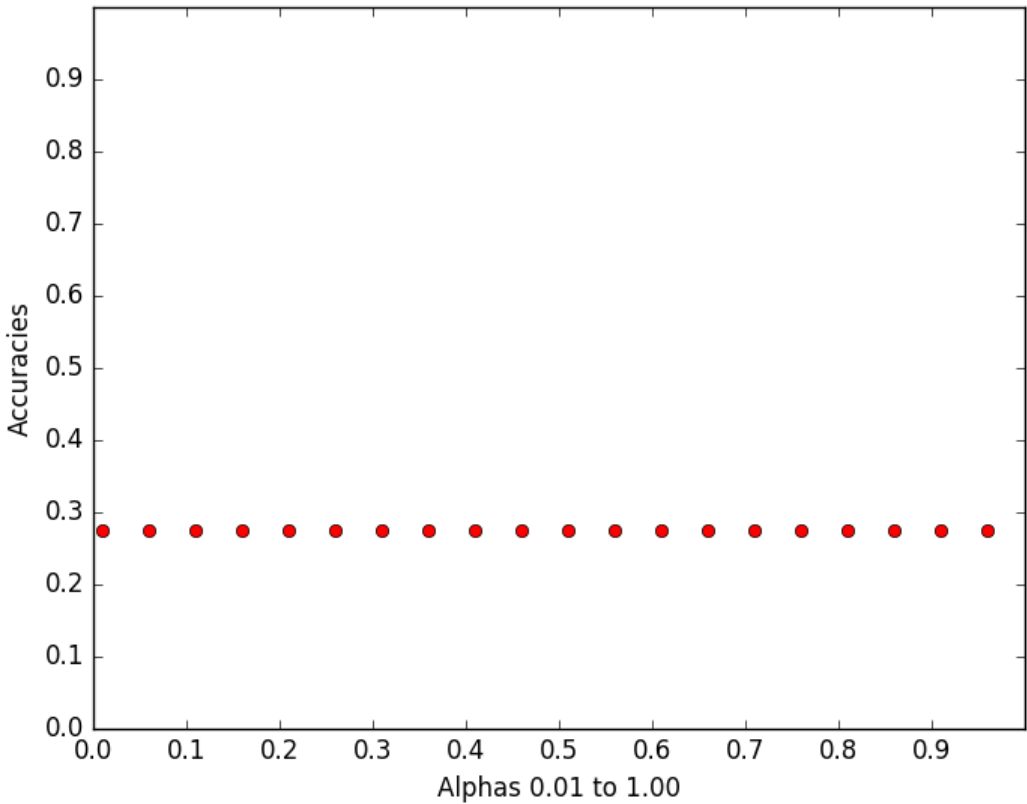


Figure 8

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 1000 length	YES

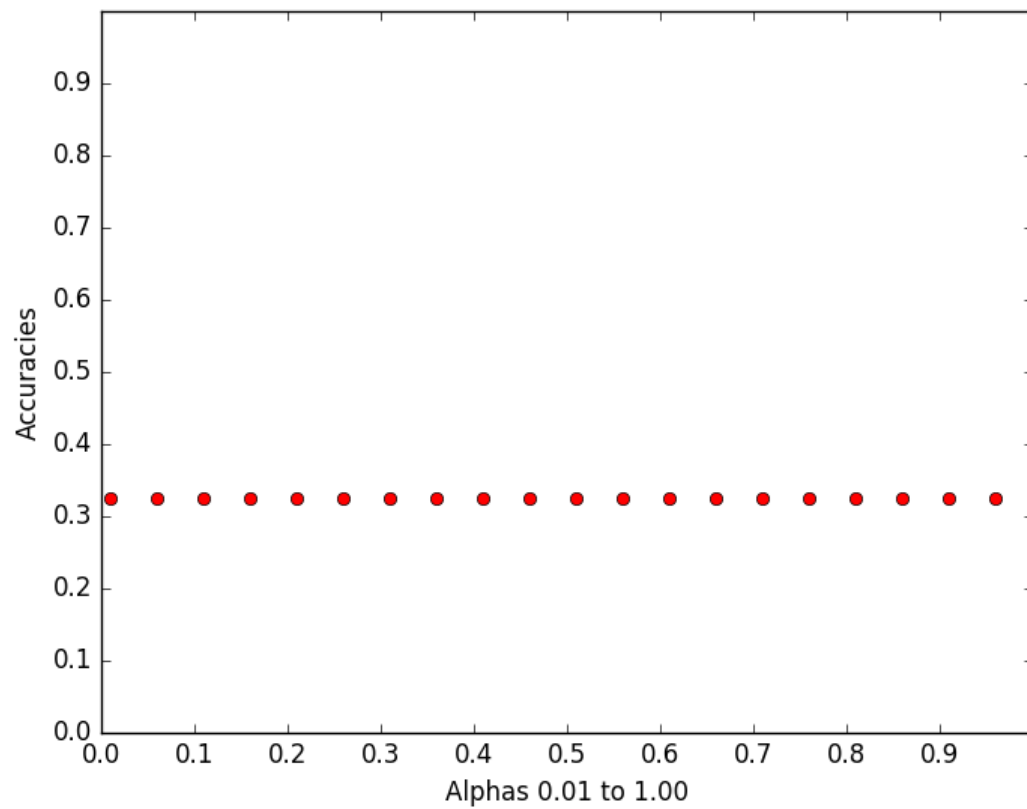


Figure 9

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 2000 length	YES

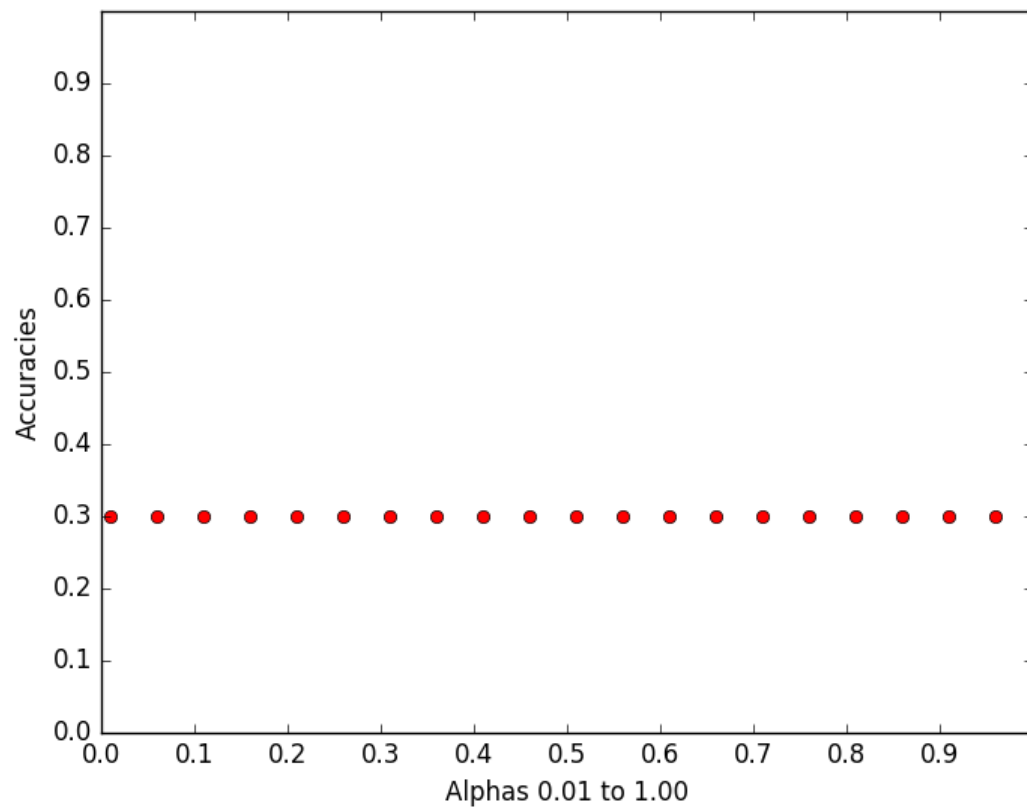


Figure 10

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 3000 length	YES

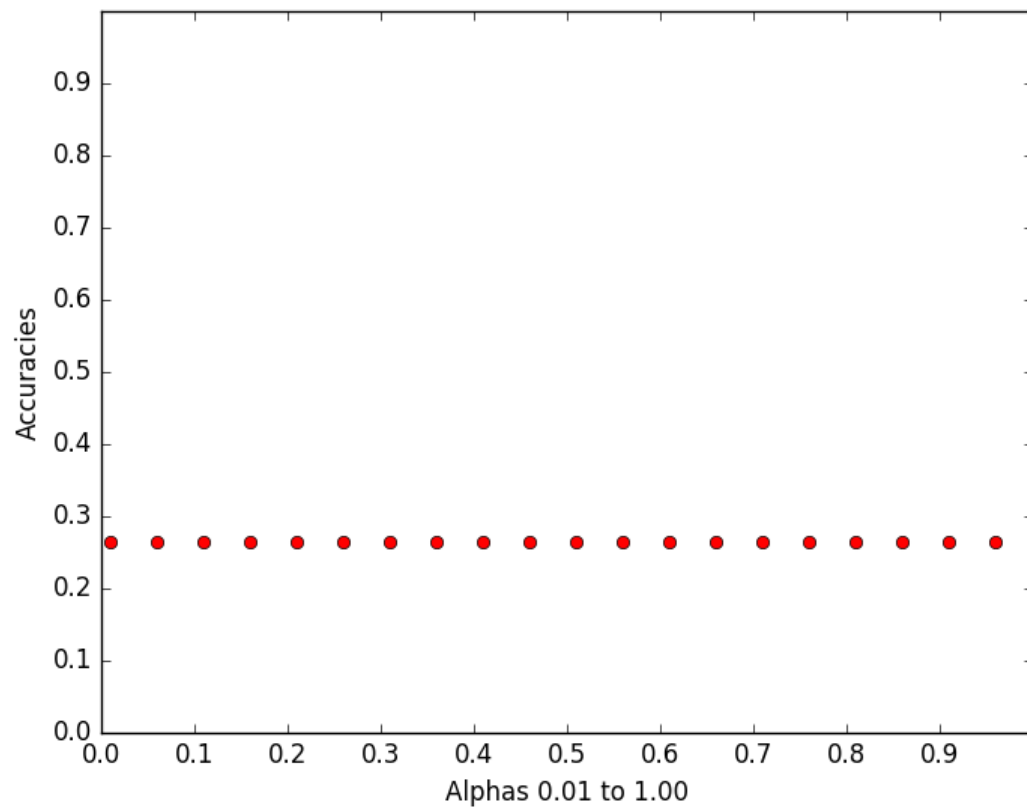


Figure 11

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 4000 length	YES

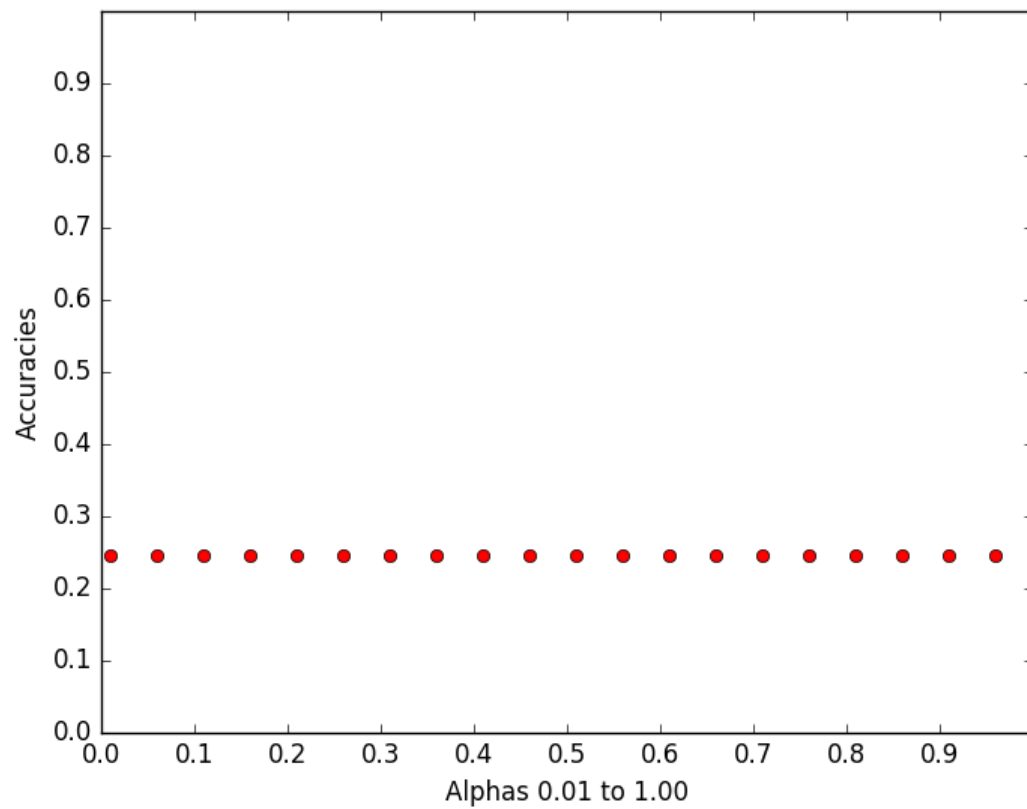


Figure 12

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 5000 length	YES

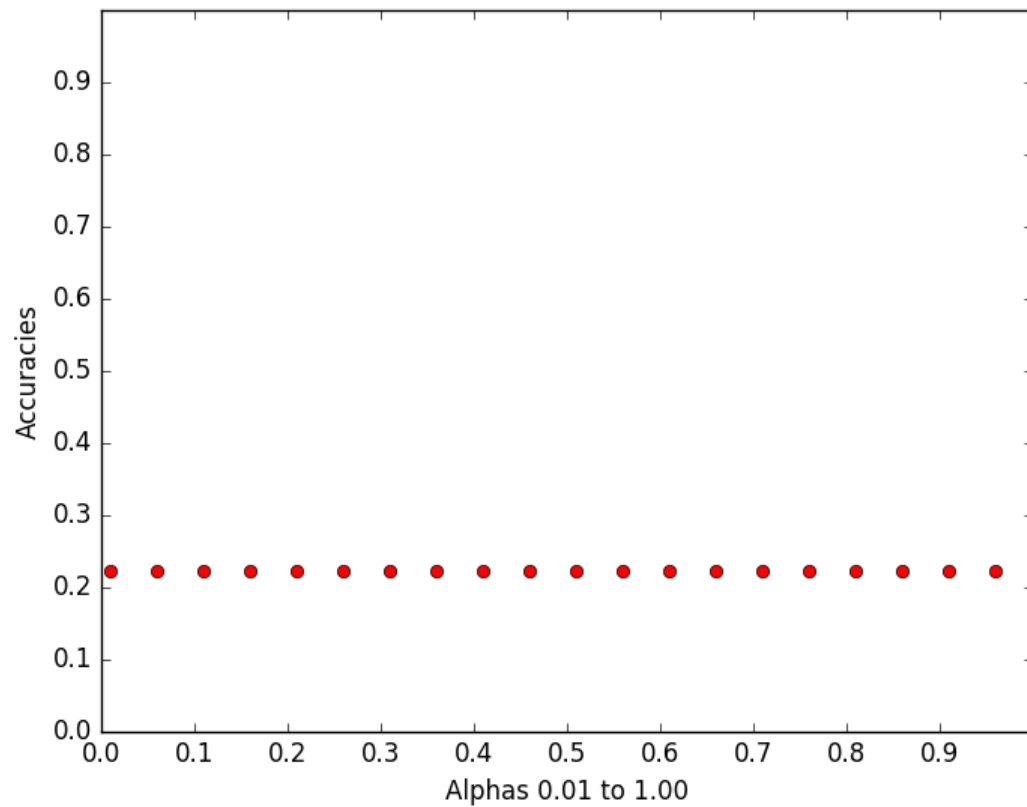


Figure 13

Test Size	random_state	stopwords	Alpha values	Data	Domain Analysis
30%	42	english	[0.01,1.0](increment of 0.05, So 20 values of alpha)	All Article starting line 3, greater than 6000 length	YES

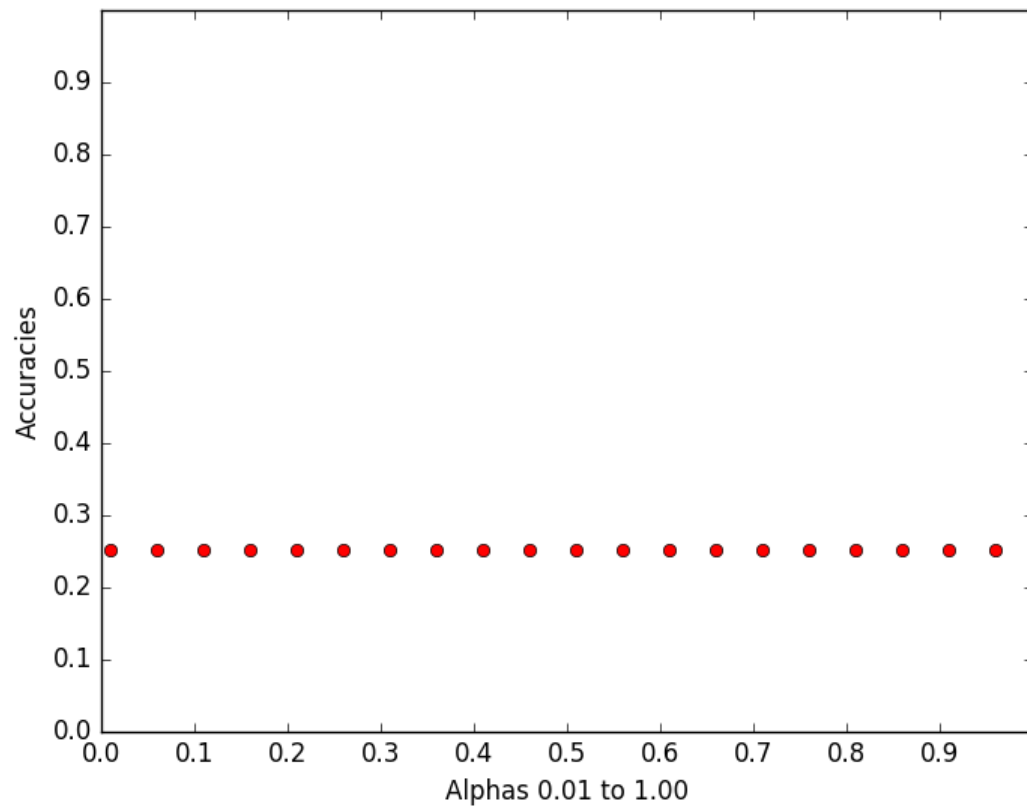


Figure 14