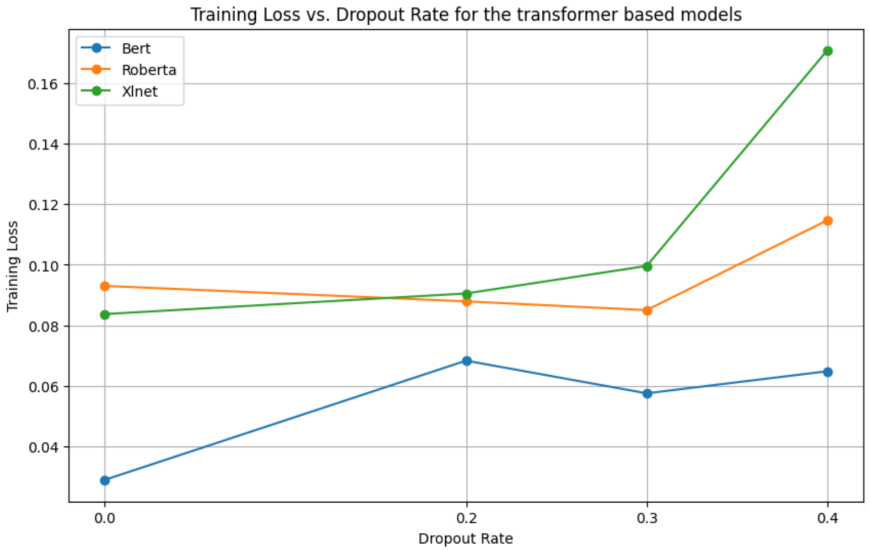
Training results

Model Name	Dropout rate	Training Loss	Accuracy	Precision	Recall	Specificity	F1-Score
BertForSequenceClassification	0	0.0289	0.9630	0.9620	0.9882	0.8985	0.9623
BertForSequenceClassification	0.2	0.0683	0.9613	0.9696	0.9776	0.9198	0.9610
BertForSequenceClassification	0.3	0.0575	0.9629	0.9656	0.9841	0.9082	0.9624
BertForSequenceClassification	0.4	0.0648	0.9639	0.9641	0.9872	0.9023	0.9632
RobertaForSequenceClassification	0	0.0930	0.9626	0.9783	0.9719	0.9348	0.9675
RobertaForSequenceClassification	0.2	0.0879	0.9635	0.9705	0.9818	0.9059	0.9631
RobertaForSequenceClassification	0.3	0.0850	0.9595	0.9832	0.9628	0.9485	0.9602
RobertaForSequenceClassification	0.4	0.1147	0.9618	0.9678	0.9819	0.8996	0.9612
XlnetForSequenceClassification	0	0.0837	0.9601	0.9784	0.9673	0.9400	0.9604
XlnetForSequenceClassification	0.2	0.0905	0.9612	0.9702	0.9776	0.9137	0.9609
XlnetForSequenceClassification	0.3	0.0996	0.9601	0.9738	0.9724	0.9230	0.9601
XlnetForSequenceClassification	0.4	0.1709	0.9209	0.9863	0.9063	0.9619	0.9241

Dropout rate vs training loss



Testing results

Model Name	Dropout rate	AUC score	Accuracy	Precision	Recall	Specificity	F1-Score
BertForSequenceClassification	0	0.947	0.9659	0.9680	0.9866	0.9075	0.9772
BertForSequenceClassification	0.2	0.946	0.9660	0.9680	0.9870	0.9075	0.9770
BertForSequenceClassification	**0.3**	**0.951**	**0.9666**	**0.9722**	**0.9830**	**0.9204**	**0.9775**
BertForSequenceClassification	0.4	0.945	0.9664	0.9690	0.9862	0.9105	0.9775
RobertaForSequenceClassification	0	0.953	0.9632	0.9765	0.9739	0.9323	0.9752
RobertaForSequenceClassification	0.2	0.946	0.9644	0.9687	0.9838	0.9084	0.9762
RobertaForSequenceClassification	**0.3**	**0.953**	**0.9562**	**0.9815**	**0.9591**	**0.9479**	**0.9702**
RobertaForSequenceClassification	0.4	0.941	0.9609	0.9663	0.9815	0.9013	0.9738
XlnetForSequenceClassification	**0**	**0.957**	**0.9630**	**0.9812**	**0.9688**	**0.9463**	**0.9750**
XlnetForSequenceClassification	0.2	0.946	0.9616	0.9705	0.9781	0.9142	0.9743
XlnetForSequenceClassification	0.3	0.945	0.9578	0.9704	0.9723	0.9173	0.9714
XlnetForSequenceClassification	0.4	0.934	0.9203	0.9854	0.9057	0.9619	0.9438