

**FIGURE 6.** Comparison between different embeddings in terms of accuracy.

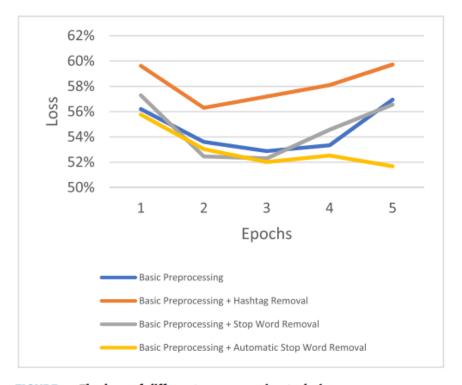


FIGURE 7. The loss of different preprocessing techniques.

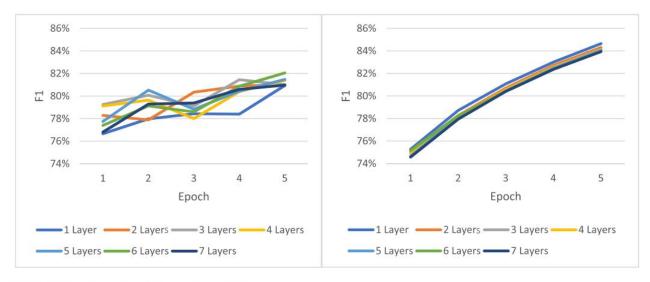


FIGURE 8. F1 score of the SGRU (left) and SBi-GRU (right).

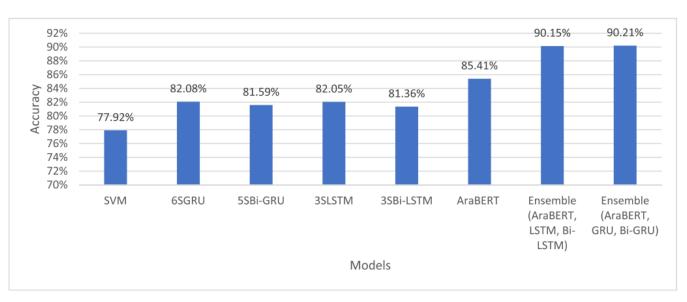


FIGURE 9. Best results of all models.