S3 Table. Hyperparameters of the SEN model for the drug-drug interaction prediction.

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|  | **Hyperparameter** | **Value** |
| Input layer | Max number of tokens | 128 |
| Embedding layer | Embedding dimension | 1024 |
| Dense layer  | #Layers | 1 |
| Layer units | 500 |
| Activation function | ReLU |
| Dropout rate | 0.5 |
| Output layer | #Layers | 1 |
| Layer units | 5 |
| Activation function | Softmax |
| Training | Optimizer | Adam |
| Learning rate | 0.001 |
| Batch size | 64 |
| Early stop | 5 |