|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Embedding** | **Custom Accuracy** | **%Questions Correct or 1 Missed** | **Accuracy with 1 Prediction Relaxation** | **%Questions correct or 1 missed with Relaxation** |
| **USE** | 52.2% | 74% Qs | 62.1% | 81% Qs |
| **InferSent with updated vocabulary** | 48.76% | 70% Qs | 57.84% | 78% Qs |
| **InferSent with standard vocabulary** | 48.65% | 70% Qs | 57.2% | 77% Qs |
| **Siamese BERT** | 45.2% | 66% Qs | 54.6% | 74.5% Qs |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Trial Number** | **Approach** | **Number of Convolutions** | **Lambda** | **Accuracy** |
| 1 | Standard | 1 | 0.9 | 52.01% |
| 2 | Standard | 1 | 0.8 | 51.7% |
| 3 | Standard | 1 | 0.95 | 52.1% |
| 4 | Standard | 2 | 0.9 x 2 | 51.73% |
| 5 | Weighted | 1 | 0.9 | 51.95% |
| 6 | Weighted | 1 | 0.8 | 51.8% |
| 7 | Weighted | 1 | 0.95 | 52.08% |
| 8 | Weighted | 2 | 0.9 x 2 | 51.8% |