

# Models comparison

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## 1 Baseline Model

| Set        | Loss   | Accuracy | Recall | Precision |
|------------|--------|----------|--------|-----------|
| Training   | 1.9247 | 0.5362   | 0.0973 | 0.8418    |
| Validation | 1.9917 | 0.5181   | 0.0875 | 0.8156    |
| Testing    | 1.9794 | 0.5286   | 0.0856 | 0.8208    |

## 2 English Recurrent Model

| Set        | Loss   | Accuracy | Recall | Precision |
|------------|--------|----------|--------|-----------|
| Training   | 0.3049 | 0.9137   | 0.8735 | 0.9462    |
| Validation | 0.8356 | 0.7684   | 0.7258 | 0.8335    |
| Testing    | 0.8384 | 0.7687   | 0.7235 | 0.8298    |

## 3 Eng-Jpn Model

| Set        | Loss   | Accuracy | Recall | Precision |
|------------|--------|----------|--------|-----------|
| Training   | 0.0995 | 0.9803   | 0.9676 | 0.9878    |
| Validation | 0.753  | 0.8081   | 0.7726 | 0.8561    |
| Testing    | 0.7331 | 0.8168   | 0.7869 | 0.8606    |

## 4 Eng-Ita Model

| Set        | Loss   | Accuracy | Recall | Precision |
|------------|--------|----------|--------|-----------|
| Training   | 0.1272 | 0.9831   | 0.9584 | 0.992     |
| Validation | 0.869  | 0.7821   | 0.7293 | 0.839     |
| Testing    | 0.8646 | 0.7843   | 0.7392 | 0.8423    |