| | | | Full App | oroach | Without | Step 1 | Without St | ep 2 & 3 | Without | Step 4 | Garcia-Banuelos et. al. | | |
|--------------------|----------|----------|-----------|--------|-----------|--------|------------|----------|-----------|--------|-------------------------|------------|--------------|
| Log | | | | | | | | | | | | Additional | |
| | | | Precision | Recall | Precision | Recall | Precision | Recall | Precision | Recall | Precision | Recall | Replacements |
| | | inserted | 1.00 | 1.00 | 0.60 | 1.00 | 0.24 | 1.00 | 1.00 | 1.00 | 0.06 | 0.83 | |
| Hosseinpour & Jans | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.42 | 1.00 | 1.00 | 0.90 | 0.24 | 1.00 | 0 |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.67 | 0.00 | 0.00 | 1.00 | 1.00 | 0.27 | 0.55 | |
| | | replace | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.33 | 1.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.27 | 1.00 | |
| | Gigantic | inserted | 1.00 | 1.00 | 0.86 | 1.00 | 0.49 | 1.00 | 1.00 | 1.00 | 0.42 | 1.00 | 26 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.48 | 1.00 | 1.00 | 0.57 | 0.24 | 1.00 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.71 | 0.00 | 0.00 | 1.00 | 1.00 | 0.43 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.56 | 0.41 | |
| | Huge | inserted | 1.00 | 1.00 | 0.94 | 1.00 | 0.46 | 1.00 | 1.00 | 1.00 | 0.46 | 1.00 | 8 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.41 | 1.00 | 1.00 | 0.55 | 0.41 | 1.00 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.88 | 0.00 | 0.00 | 1.00 | 1.00 | 0.44 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.61 | 0.41 | |
| | Large | inserted | 1.00 | 1.00 | 0.81 | 1.00 | 0.37 | 1.00 | 1.00 | 1.00 | 0.38 | 1.00 | 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.45 | 1.00 | 1.00 | 0.52 | 0.29 | 1.00 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.78 | 0.00 | 0.00 | _ 1.00 | 1.00 | 0.42 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.60 | 0.48 | |
| | Medium | inserted | 1.00 | 1.00 | 0.87 | 1.00 | 0.44 | 1.00 | 1.00 | 1.00 | 0.36 | 1.00 | 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.41 | 1.00 | 1.00 | 0.54 | 0.22 | 1.00 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.79 | 0.00 | 0.00 | 1.00 | 1.00 | 0.45 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BINet - | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.60 | 0.35 | |
| B | P2P | inserted | 1.00 | 1.00 | 0.87 | 1.00 | 0.56 | 1.00 | 1.00 | 1.00 | 0.45 | 1.00 | 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.37 | 1.00 | 1.00 | 0.77 | 0.70 | 0.98 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.69 | 0.00 | 0.00 | 1.00 | 1.00 | 0.42 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.76 | 0.35 | |
| | Paper | inserted | 1.00 | 1.00 | 0.86 | 1.00 | 0.47 | 1.00 | 1.00 | 1.00 | 0.37 | 1.00 | 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.35 | 1.00 | 1.00 | 0.83 | 0.29 | 0.93 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.75 | 0.00 | 0.00 | 1.00 | 1.00 | 0.39 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.67 | 0.42 | |
| | | inserted | 1.00 | 1.00 | 0.86 | 1.00 | 0.50 | 1.00 | 1.00 | 1.00 | 0.48 | 1.00 | 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.39 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | |
| | Small | repeated | 1.00 | 1.00 | 1.00 | 0.70 | 0.00 | 0.00 | 1.00 | 1.00 | 0.44 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.72 | 0.40 | |
| | Wide | inserted | 1.00 | 1.00 | 0.88 | 1.00 | 0.58 | 1.00 | 1.00 | 1.00 | 0.47 | 1.00 | 0 0 0 |
| | | missing | 1.00 | 1.00 | 1.00 | 1.00 | 0.48 | 1.00 | 1.00 | 0.55 | 0.31 | 1.00 | |
| | | repeated | 1.00 | 1.00 | 1.00 | 0.69 | 0.00 | 0.00 | 1.00 | 1.00 | 0.45 | 1.00 | |
| | | replace | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | swap | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 | 0.00 | 1.00 | 1.00 | 0.62 | 0.33 | |