

| Relation | F1 | | |
|--------------------|--------|----------|--------|
| | No SUB | With SUB | Change |
| Component-Whole | 0.805 | 0.812 | 0.007 |
| Instrument-Agency | 0.683 | 0.714 | 0.031 |
| Member-Collection | 0.818 | 0.829 | 0.011 |
| Cause-Effect | 0.881 | 0.89 | 0.009 |
| Entity-Destination | 0.862 | 0.869 | 0.007 |
| Content-Container | 0.826 | 0.828 | 0.002 |
| Message-Topic | 0.854 | 0.856 | 0.002 |
| Product-Producer | 0.776 | 0.801 | 0.025 |
| Entity-Origin | 0.853 | 0.857 | 0.004 |