**Supplemental Table 5** The performances of AlphaFold-Multimer and PLMGraph-Inter on the homodimer and heterodimer test sets

|  |  |
| --- | --- |
| Methods | Precision@Top 50 (%) |
| Homodimer | Heterodimer |
| AlphaFold-Multimer  | 76.5 | 67.8 |
| PLMGraph-Inter (experimental structure as inputs) | 68.7 | 38.6 |
| PLMGraph-Inter (AlphaFold2 predicted structure as inputs) | 61.2 | 34.6 |