## Supplementary Note 2

Below are the prompts for the five Agents responsible for drug combination risk analysis in CoMed.

**Adverse effect analysis agent prompt**

Does the abstract mention the risks or side effects of the combined use of {entity\_1} and {entity\_2}? If so, please point out the relevant sentences. If not, answer "not mentioned" without any explanation.

**Efficacy assessment agent**

Does the abstract mention the efficacy or safety of the combination of {entity\_1} and {entity\_2}? If so, please point out the relevant sentences. If not, please answer "not mentioned" without any explanation.

**Indication analysis agent**

Does the abstract mention the indications or selectivity of the combination of {entity\_1} and {entity\_2}? If so, please point out the relevant sentences. If not, please answer "not mentioned" without any explanation.

**Selectivity assessment agent**

Does the abstract mention the patient population or selection of the combination of {entity\_1} and {entity\_2}? If so, please point out the relevant sentences. If not, please answer "not mentioned" without any explanation.

**Clinical management agent**

Does the abstract mention the monitoring and management of the combination of {entity\_1} and {entity\_2}? If so, please point out the relevant sentences. If not, please answer "not mentioned" without any explanation.