Supplementary Table S8 Hop-wise results of KG-LLM baselines on DeepSeek-V3 (Hits@1 / F1, %)

Hop group	MindMap	ToG	BYOKG-RAG	GraphRAG	PoG	CEAF-CLWQA
1-hop H@1	81.7	76.4	84.7	89.2	89.4	**90.0**
1-hop F1	66.1	60.3	67.2	68.8	69.4	**70.0**
2-hop H@1	76.9	71.5	80.7	86.1	86.7	**88.2**
2-hop F1	63.3	57.6	64.8	66.4	67.3	**69.7**
3-hop H@1	67.0	61.7	71.0	75.2	79.9	**82.0**
3-hop F1	56.3	50.9	58.5	59.7	60.5	**64.8**
≥4-hop H@1	57.8	49.8	63.1	65.4	71.3	**73.2**
≥4-hop F1	48.0	42.3	50.9	51.5	52.1	**58.7**