

Results of RQ2							
Dataset	Variations	LinkRank			Linkrank - C2I		
		Precision	Recall	F-score	Precision	Recall	F-score
Apache/Beam	Known K	91.29	91.29	91.29	90.35	90.32	90.33
	Unknown-K (ABS)	84.67	89.92	86.04	83.24	90.63	85.59
	Unknown-K (REL)	78.15	86.69	81.1	81.59	79.11	78.58
Apache/Datafusion	Known K	93.01	93.01	93.01	91.06	91.06	91.06
	Unknown-K (ABS)	84.38	93.22	87.46	83.99	92.52	86.86
	Unknown-K (REL)	82.16	88.72	84.09	83.5	81.52	80.89
Apache/Superset	Known K	95.04	95.04	95.04	91.89	91.89	91.89
	Unknown-K (ABS)	90.57	93.67	91.35	82.52	91.65	85.28
	Unknown-K (REL)	87.04	90.26	87.92	86.71	83.34	83.82
Apache/Mxnet	Known K	92.01	92.01	92.01	94.31	94.31	94.31
	Unknown-K (ABS)	86.79	92.79	89.14	86.43	94.1	88.98
	Unknown-K (REL)	85.93	88.73	86.63	89.45	88.38	88.08
Apache/Dubbo	Known K	92.72	92.72	92.72	91.42	91.42	91.42
	Unknown-K (ABS)	87.31	93.15	89.23	76.0	95.42	83.54
	Unknown-K (REL)	83.17	91.09	86.11	85.9	88.18	85.79
Apache/iceberg	Known K	94.22	94.22	94.22	94.56	94.56	94.56
	Unknown-K (ABS)	86.81	94.02	89.52	91.96	93.55	91.97

	Unknown-K (REL)	87.93	91.41	89.22	88.07	85.04	85.4
Kubernetes	Known K	89.03	89.03	89.03	93.66	93.66	93.66
	Unknown-K (ABS)	81.92	87.13	82.83	87.65	95.92	90.64
	Unknown-K (REL)	73.57	83.12	76.73	89.54	88.32	87.68
grpc	Known K	95.75	95.75	95.75	86.44	86.44	86.44
	Unknown-K (ABS)	89.24	93.47	90.23	83.68	84.99	82.57
	Unknown-K (REL)	87.06	94.46	89.74	78.19	72.0	72.68
Tensorflow	Known K	95.75	95.75	95.75	92.7	92.7	92.7
	Unknown-K (ABS)	89.84	93.75	90.85	83.36	96.86	88.59
	Unknown-K (REL)	87.95	92.59	89.4	86.07	88.31	85.91
Pytorch	Known K	91.7	91.7	91.7	94.73	94.73	94.73
	Unknown-K (ABS)	88.89	96.04	91.39	87.25	96.01	90.48
	Unknown-K (REL)	86.9	92.13	88.89	89.25	85.0	85.59