

Table 1. Average (Avg) normalized rank per subject and all subjects for summarization parameters. Bold entries indicate the best results. AT is the summarization function for the abstract test level and CT is the summarization function for the concrete test level. The bolded AT rows choose only the abstract test level function and combine all 3 options for the concrete test level to see the influence of just the AT summarization function independent of the concrete test function. We use mean-mean as the default in the case study.

Function		AM		Mod		Max		AL1		H1		EG		ALL	
AT	CT	Avg	Std	Avg	Std	Avg	Std	Avg	Std	Avg	Std	Avg	Std	Avg	Std
max	-	0.09	0.24	0.22	0.32	0.32	0.36	0.37	0.38	0.17	0.21	0.00	0.00	0.23	0.33
max	max	0.25	0.34	0.56	0.32	0.49	0.34	0.56	0.35	0.39	0.23	0.00	0.00	0.44	0.34
max	mean	0.01	0.08	0.06	0.14	0.24	0.35	0.28	0.37	0.06	0.06	0.00	0.00	0.13	0.26
max	sum	0.01	0.08	0.06	0.14	0.24	0.35	0.28	0.37	0.06	0.06	0.00	0.00	0.13	0.26
mean	-	0.07	0.22	0.06	0.19	0.19	0.35	0.29	0.37	0.05	0.13	0.00	0.00	0.13	0.28
mean	max	0.16	0.33	0.14	0.27	0.24	0.38	0.32	0.37	0.12	0.21	0.00	0.00	0.19	0.32
mean	mean	0.02	0.10	0.02	0.11	0.17	0.34	0.27	0.37	0.01	0.04	0.00	0.00	0.10	0.25
mean	sum	0.02	0.10	0.02	0.11	0.17	0.34	0.27	0.37	0.01	0.04	0.00	0.00	0.10	0.25
sum	-	0.07	0.22	0.06	0.19	0.19	0.35	0.29	0.37	0.05	0.13	0.00	0.00	0.13	0.28
sum	max	0.16	0.33	0.14	0.27	0.24	0.38	0.32	0.37	0.12	0.21	0.00	0.00	0.19	0.32
sum	mean	0.02	0.10	0.02	0.11	0.17	0.34	0.27	0.37	0.01	0.04	0.00	0.00	0.10	0.25
sum	sum	0.02	0.10	0.02	0.11	0.17	0.34	0.27	0.37	0.01	0.04	0.00	0.00	0.10	0.25