

Table 3 Comparison of the four correlation measures for HIV-and-Tuberculosis data sets

Dataset	HT	\overline{HT}	$H\overline{T}$	$\overline{H\overline{T}}$	All_confi	cosine	Lift	χ^2
D_0	4000	3500	2000	0	0.53	0.60	0.84	1477.8
D_1	4000	3500	2000	500	0.53	0.60	0.89	555.6
D_2	4000	3500	2000	10000	0.53	0.60	1.73	2913.0