

(a) Dirty Data

id	title	pub_year	citation_count
t_1	CrowdDB	11	18
t_2	TinyDB	2005	1569
t_3	YFilter	Feb, 2002	298
t_4	Aqua		106
t_5	DataSpace	2008	107
t_6	CrowdER	2012	1
t_7	Online Aggr.	1997	687
...
t_{10000}	YFilter - ICDE	2002	298

(b) Cleaned Sample

id	title	pub_year	citation_count	#dup
t_1	CrowdDB	2011	144	2
t_2	TinyDB	2005	1569	1
t_3	YFilter	2002	298	2
t_4	Aqua	1999	106	1
t_5	DataSpace	2008	107	1
t_6	CrowdER	2012	34	1
t_7	Online Aggr.	1997	687	3