

Table 8: Distortions of FRT and DCsam on *Uni* dataset in Fig. 3(a)

d	2	3	4	5	10	20	100
FRT	12086.077960	1959.696260	593.356230	330.667960	68.468730	27.947820	10.687590
DCsam	4021.909170	874.147080	347.750340	190.922560	53.737980	21.510280	10.276610

Table 9: Distortions of FRT and DCsam on *Nor* dataset in Fig. 3(b)

d	2	3	4	5	10	20	100
FRT	6390.034840	1883.999410	434.036590	312.779900	64.819550	28.406560	11.118080
DCsam	3494.553380	756.168300	329.999700	163.999080	43.637970	22.834790	10.871450

Table 10: Distortions of FRT and DCsam on *Exp* dataset in Fig. 3(c)

d	2	3	4	5	10	20	100
FRT	34548.161810	2447.707300	780.386270	370.710600	86.015890	37.196810	12.440400
DCsam	3632.896390	919.899660	378.852060	221.199930	61.946300	28.924870	11.536380

Table 11: Distortions of FRT and DCsam on *Skew* dataset in Fig. 3(d)

d	2	3	4	5	10	20	100
FRT	262448.302210	19449.010800	3477.438160	964.703600	116.575470	40.129530	11.803930
DCsam	41767.162180	4614.322500	1268.464690	555.314680	79.238300	29.920700	10.732410

Table 12: Time cost (second) of FRT and DCsam on *Uni* dataset in Fig. 3(e)

d	2	3	4	5	10	20	100
FRT	17.565540	17.913540	21.420490	22.555740	58.393610	354.064460	920.854270
DCsam	14.062250	15.500100	14.879790	15.868740	27.825510	154.853030	519.730000

Table 13: Time cost (second) of FRT and DCsam on *Nor* dataset in Fig. 3(f)

d	2	3	4	5	10	20	100
FRT	17.510460	19.152110	20.274930	22.662480	53.909880	351.159830	979.222130
DCsam	14.604730	15.742470	15.205340	21.831370	36.969600	200.912990	641.938000

Table 14: Time cost (second) of FRT and DCsam on *Exp* dataset in Fig. 3(g)

d	2	3	4	5	10	20	100
FRT	16.362070	17.819080	20.023540	22.725110	54.801310	355.909730	938.069150
DCsam	14.712660	15.599640	14.729220	15.489980	24.524030	89.624600	622.275000

Table 15: Time cost (second) of FRT and DCsam on *Skew* dataset in Fig. 3(h)

d	2	3	4	5	10	20	100
FRT	16.593600	18.242200	20.424630	23.321630	54.536580	357.623490	889.677200
DCsam	13.770140	15.548650	14.134530	15.355340	28.505220	112.240850	652.577000