

Table E-1. Average Damage Scores and Asymmetry Ratios

		Creep		Pitting		Delamination		Abrasion		Burnishing	
	n	score	AR	score	AR	score	AR	score	AR	score	AR
Design											
dome-shaped	49	2.9±2.0	3.4±2.2	4.4±2.9	2.5±1.7	2.6±3.0	3.0±3.4	3.9±2.2	2.0±1.4	7.1±4.2	2.2±1.4
sombrero-shaped	21	2.3±1.9	2.2±1.5	4.1±2.4	2.8±1.6	3.4±4.6	2.1±1.8	3.1±1.8	1.6±0.8	5.4±3.4	2.2±1.5
pseudo-anatomic	15	2.1±2.6	2.3±2.3	2.1±3.1	1.6±2.9	0.6±4.5	1.4±2.2	3.2±2.4	1.8±1.0	4.5±3.6	1.8±1.6
all-polyethylene	60	2.3±2.0	3.0±2.2	3.9±2.7	2.4±1.7	2.0±2.5	2.7±3.3	3.3±2.0	1.9±1.4	6.3±3.4	2.2±1.4
metal backed	25	3.3±2.3	2.7±1.9	4.1±3.2	2.6±2.4	3.9±5.3	1.9±1.6	4.2±2.4	1.8±0.7	8.8±4.4	1.9±1.5
Femoral Groove											
symmetric (vertical)	27	2.9±2.0	3.9±2.6	4.4±2.7	1.9±0.8	3.6±4.0	2.7±4.0	3.0±1.9	2.2±1.7	6.3±3.6	2.4±1.7
asymmetric (oblique)	42	2.3±2.1	2.4±1.8	3.3±3.0	3.0±2.4	1.9±3.7	2.4±2.4	4.1±2.1	1.7±0.8	6.2±4.2	2.0±1.3
Overall											
	85	2.6±2.1	2.9±2.1	4.0±2.9	2.4±1.9	2.5±3.7	2.5±2.9	3.6±2.1	1.9±1.2	6.3±4.0	2.2±1.4
Time <i>in situ</i>											
mean score <= 2 yrs	23	0.8±1.2	1.8±1.3	3.2±1.7	2.4±1.5	0.8±2.0	2.4±4.6	3.0±2.4	1.7±1.1	3.9±3.0	2.2±1.1
mean score > 2 yrs	48	2.9±2.0	3.3±2.3	4.3±3.0	2.6±1.8	3.1±3.8	2.6±2.5	3.7±2.2	1.9±1.3	7.3±3.7	2.2±1.5

*AR = asymmetry ratio.