







































**IRCs including Bouquet 1994**

TABLE VII BEST DISTRIBUTION FOR MPS WITHOUT ACET., MPS95 AND MPS99 WITH ACET.

Predictor	Distribution	Mean	Standard deviation	Age adjustment coefficient
MPS 95 with acet.	Log-normal	-5.475	0.4725	-0.0104
MPS 99 with acet.	Log-normal	-4.705	0.4616	-0.0090
MPS without acet.	Log-normal	-3.838	0.6130	-0.0145

**IRCs evaluation including Bouquet 1994**

TABLE VIII EVALUATION OF ALL DISTRIBUTIONS FOR EACH PREDICTOR INCLUDING BOUQUET 1994.

Criteria	Distribution	AIC		QI at 5% risk	QI at 25% risk	QI at 50% risk
		Without age adjustment	With age adjustment			
Impactor Force	Log logistic	135.3	126.9	0.29	0.16	0.15
	Log Normal	135.2	125.9	0.25	0.16	0.15
	Weibull	136.1	125.5	0.32	0.17	0.13
Pubic Force	Log logistic	152.5	144.7	0.32	0.17	0.15
	Log Normal	152.7	144.0	0.27	0.16	0.15
	Weibull	150.4	142.9	0.34	0.17	0.13
PS+SI	Log logistic	143.7	136.6	0.26	0.14	0.12
	Log Normal	143.2	135.9	0.23	0.13	0.12
	Weibull	143.8	135.9	0.29	0.14	0.10
MPS without acet.	Log logistic	126.4	122.2	0.33	0.20	0.17
	Log Normal	125.4	121.2	0.30	0.18	0.16
	Weibull	126.7	121.6	0.38	0.21	0.15
MPS with acet.	Log logistic	125.1	125.9	0.29	0.16	0.14
	Log Normal	123.9	125.4	0.26	0.16	0.14
	Weibull	125.0	125.7	0.32	0.18	0.13
MPS99 without acet.	Log logistic	129.9	128.2	0.35	0.20	0.16
	Log Normal	128.8	130.0	0.29	0.18	0.17
	Weibull	129.4	127.8	0.40	0.22	0.14
MPS 99 with acet.	Log logistic	127.2	124.9	0.28	0.15	0.13
	Log Normal	125.9	123.5	0.24	0.14	0.12
	Weibull	127.7	125.6	0.32	0.16	0.13
MPS 95 without acet.	Log logistic	136.0	131.5	0.29	0.19	0.15
	Log Normal	134.9	130.3	0.27	0.19	0.18
	Weibull	136.3	131.3	0.33	0.21	0.14
MPS 95 with acet.	Log logistic	127.2	123.8	0.28	0.16	0.12
	Log Normal	126.3	122.6	0.26	0.13	0.12
	Weibull	127.7	123.5	0.31	0.16	0.11