

TABLE II.
THE TARDY RATES OF SIXTEEN RULES IN SEVEN FABs IN THE TIGHT DUE DATE SCENARIO

Fab1	Fab2	Fab3	Fab4	Fab5	Fab6	Fab7
PTPW+, 0.216	PTPW+, 0.392	PTPW+, 0.190	PTPW+, 0.210	PTPW+, 0.264	PTPW+, 0.310	PTPW+, 0.344
ATC, 0.254	ATC, 0.436	PTPW, 0.299	PTPW, 0.364	ATC, 0.313	SLK/R+, 0.336	ATC, 0.434
SLACK, 0.295	PTPW, 0.444	ATC, 0.305	ATC, 0.396	SLK/R+, 0.352	COVERT, 0.346	SLK/R+, 0.451
MOD, 0.299	SLK/R+, 0.447	LTWK, 0.320	SLACK, 0.402	COVERT, 0.359	CR+SPT, 0.357	FIFO, 0.461
ODD, 0.305	SPT, 0.451	COVERT, 0.320	CR, 0.404	CR+SPT, 0.374	ATC, 0.361	SRPT, 0.467
MDD, 0.323	COVERT, 0.457	CR+SPT, 0.321	EDD, 0.407	PTPW, 0.376	CR, 0.406	SPT, 0.476
SLK/R+, 0.325	LTWK, 0.458	MOD, 0.323	MOD, 0.408	LTWK, 0.379	LTWK, 0.425	LTWK, 0.476
EDD, 0.331	CR+SPT, 0.460	SLK/R+, 0.326	CR+SPT, 0.409	MDD, 0.381	MOD, 0.428	PTPW, 0.486
COVERT, 0.345	FIFO, 0.461	MDD, 0.338	SLK/R+, 0.409	SLACK, 0.394	ODD, 0.439	EDD, 0.490
CR+SPT, 0.352	MOD, 0.470	EDD, 0.362	MDD, 0.412	EDD, 0.395	PTPW, 0.456	MDD, 0.493
CR, 0.415	ODD, 0.471	SLACK, 0.362	ODD, 0.413	SRPT, 0.398	SLACK, 0.465	COVERT, 0.504
PTPW, 0.425	SRPT, 0.471	CR, 0.365	COVERT, 0.416	CR, 0.408	SPT, 0.486	SLACK, 0.504
SPT, 0.436	MDD, 0.472	ODD, 0.365	SRPT, 0.417	SPT, 0.413	FIFO, 0.501	CR, 0.508
LTWK, 0.464	SLACK, 0.478	SRPT, 0.368	LTWK, 0.448	MOD, 0.428	EDD, 0.524	MOD, 0.511
SRPT, 0.479	EDD, 0.478	SPT, 0.387	FIFO, 0.458	ODD, 0.443	MDD, 0.546	ODD, 0.514
FIFO, 0.496	CR, 0.479	FIFO, 0.445	SPT, 0.510	FIFO, 0.503	SRPT, 0.639	CR+SPT, 0.523

TABLE III.
MEAN TARDINESS OF SIXTEEN RULES IN SEVEN FABs IN THE TIGHT DUE DATE SCENARIO

Fab1	Fab2	Fab3	Fab4	Fab5	Fab6	Fab7
ATC, 17.82	ATC, 5.51	MOD, 19.48	CR, 10.97	COVERT, 20.13	COVERT, 29.26	COVERT, 44.82
SLACK, 17.98	MOD, 5.55	CR+SPT, 19.91	ODD, 11.36	SLACK, 21.06	CR+SPT, 30.39	CR+SPT, 46.06
ODD, 18.12	CR, 5.57	COVERT, 20.03	SLACK, 11.39	CR, 21.52	CR, 31.51	CR, 46.15
MOD, 18.21	COVERT, 5.59	CR, 20.84	EDD, 11.85	EDD, 21.88	SLK/R+, 33.99	ATC, 49.58
CR+SPT, 18.61	ODD, 5.62	ODD, 21.44	MDD, 12.36	MDD, 22.39	ATC, 37.42	SLACK, 54.04
COVERT, 19.05	SLACK, 5.72	EDD, 21.58	CR+SPT, 15.76	CR+SPT, 22.61	SLACK, 38.27	ODD, 54.67
CR, 20.08	CR+SPT, 5.73	SLACK, 21.73	MOD, 15.84	ATC, 23.56	ODD, 43.15	MOD, 58.28
MDD, 20.10	SLK/R+, 6.79	MDD, 22.18	COVERT, 15.96	ODD, 27.28	MOD, 44.46	EDD, 58.81
SLK/R+, 20.29	SPT, 6.89	ATC, 22.87	ATC, 16.10	MOD, 28.86	EDD, 49.29	MDD, 60.83
EDD, 20.43	EDD, 7.11	SLK/R+, 25.84	SLK/R+, 18.23	SLK/R+, 32.56	MDD, 55.85	SLK/R+, 63.52
SPT, 67.29	PTPW, 7.19	SPT, 36.76	SRPT, 19.25	SPT, 43.67	PTPW, 85.97	SRPT, 81.40
PTPW, 81.75	FIFO, 7.20	FIFO, 49.19	LTWK, 22.49	FIFO, 60.26	SPT, 88.52	FIFO, 85.26
FIFO, 87.34	MDD, 7.25	SRPT, 50.98	FIFO, 22.79	SRPT, 62.04	FIFO, 92.29	SPT, 90.47
SRPT, 92.75	PTPW+, 7.66	PTPW, 54.84	PTPW+, 28.48	PTPW, 78.32	PTPW+, 126.65	LTWK, 90.47
PTPW+, 109.83	SRPT, 8.08	PTPW+, 62.11	SPT, 31.99	LTWK, 79.07	LTWK, 132.45	PTPW+, 98.87
LTWK, 117.65	LTWK, 8.44	LTWK, 75.71	PTPW, 34.76	PTPW+, 83.91	SRPT, 220.81	PTPW, 102.66

TABLE IV.
THE MAXIMUM TARDINESS OF SIXTEEN RULES IN SEVEN FABs IN THE TIGHT DUE DATE SCENARIO

Fab1	Fab2	Fab3	Fab4	Fab5	Fab6	Fab7
SLACK, 276.74	SLACK, 66.07	SLACK, 165.33	CR, 98.00	ODD, 200.49	CR, 313.83	CR, 279.91
ODD, 279.37	ODD, 66.81	CR, 165.56	ODD, 99.25	CR, 200.86	SLACK, 314.83	ODD, 285.40
CR, 281.40	MOD, 70.12	ODD, 173.77	SLACK, 99.32	EDD, 205.28	ODD, 326.13	SLACK, 295.25
EDD, 286.16	CR, 70.18	EDD, 184.98	EDD, 102.64	SLACK, 207.51	EDD, 354.78	EDD, 307.06
COVERT, 294.73	COVERT, 72.17	COVERT, 433.35	FIFO, 185.68	COVERT, 258.45	COVERT, 388.30	COVERT, 307.19
MOD, 303.58	CR+SPT, 74.60	MOD, 448.42	MDD, 192.08	CR+SPT, 284.58	CR+SPT, 400.51	CR+SPT, 313.81
ATC, 314.95	ATC, 78.18	FIFO, 452.93	LTWK, 235.94	MOD, 302.91	MOD, 422.27	MOD, 325.22
CR+SPT, 315.20	EDD, 86.32	SLK/R+, 475.49	MOD, 237.77	ATC, 305.98	ATC, 448.15	MDD, 351.84
MDD, 317.35	SLK/R+, 88.58	ATC, 478.82	ATC, 239.60	SLK/R+, 354.76	SLK/R+, 492.45	ATC, 392.42
SLK/R+, 362.76	SPT, 89.53	CR+SPT, 481.46	COVERT, 248.20	FIFO, 408.01	MDD, 515.39	SLK/R+, 467.31
SPT, 579.21	FIFO, 90.31	SPT, 569.58	SRPT, 251.35	MDD, 410.09	FIFO, 628.25	FIFO, 473.01
FIFO, 596.81	MDD, 110.13	MDD, 896.96	CR+SPT, 260.07	SPT, 415.33	SPT, 744.01	SPT, 502.51
SRPT, 785.92	SRPT, 111.29	SRPT, 1571.16	SLK/R+, 298.03	SRPT, 1160.06	PTPW+, 1390.73	LTWK, 502.51
LTWK, 1022.07	PTPW, 114.73	LTWK, 4779.86	SPT, 387.52	PTPW+, 5782.14	PTPW, 1572.49	SRPT, 537.96
PTPW+, 1513.54	PTPW+, 114.77	PTPW+, 6479.39	PTPW+, 1163.80	LTWK, 6584.35	SRPT, 2007.37	PTPW+, 842.50
PTPW, 1730.24	LTWK, 126.52	PTPW, 6567.13	PTPW, 1289.58	PTPW, 7072.85	LTWK, 2254.74	PTPW, 858.97