

## Results – Positive Correlation

SIMULATION RESULTS FOR DIFFERENT EXPERIMENTAL CONDITIONS (POSITIVE CORRELATION)

	T	TH	ACT	AT	QE	QB	QR	#Q	C	TH	ACT	AT	QE	QB	QR	#Q	C
<b>(BNU, CV)</b>		<b>(90%, 0.10)</b>								<b>(90%, 0.25)</b>							
10	12	751	21.75	57.3	171	234	121	30.2	2.0	768	22.12	65.9	144	236	123	29.5	1.8
10	24	762	21.73	57.2	175	243	120	30.5	8.8	767	22.11	65.6	150	243	120	30.7	7.0
100	12	761	21.67	55.5	154	235	123	29.1	2.7	767	22.01	63.6	126	211	122	27.7	2.2
100	24	752	21.59	53.9	154	221	115	29.5	12.0	766	22.11	66.0	137	218	114	28.0	9.9
800	12	759	21.88	60.4	105	190	118	24.6	5.0	774	22.48	74.6	92	182	120	23.2	4.1
800	24	761	21.93	61.6	114	194	117	25.7	25.6	774	22.36	71.5	96	193	115	24.4	21.8
4000	12	753	22.71	80.2	72	158	118	19.5	6.5	763	22.99	87.5	61	147	113	19.0	5.3
4000	24	756	22.29	70.3	79	167	117	21.8	50.8	761	22.62	78.3	70	167	124	21.0	42.6
12000	12	728	29.37	241.3	62	102	108	12.9	1.6	710	29.72	248.9	59	102	108	12.2	1.6
12000	24	757	22.60	77.5	65	155	113	19.5	55.7	747	23.26	93.3	62	149	113	18.4	45.7
QDA		771	21.11	42.5	1214	548	126	70.6	-	782	21.43	49.3	1180	558	124	70.9	-
OA		782	20.63	31.7	1237	474	116	60.9	-	792	21.05	40.5	1244	480	116	61.9	-
		<b>(70%, 0.10)</b>								<b>(70%, 0.25)</b>							
10	12	602	19.40	39.2	395	187	89	32.3	<b>5.8</b>	596	19.53	41.4	401	195	90	32.4	3.6
10	24	598	19.49	41.7	415	185	89	32.7	25.1	597	19.44	39.5	414	192	91	32.5	27.4
100	12	599	19.48	41.0	364	177	88	30.9	9.3	600	19.54	41.5	369	181	94	31.0	5.8
100	24	598	19.57	43.0	376	185	88	31.1	30.3	606	19.60	42.8	377	182	85	31.0	41.3
800	12	599	19.65	44.9	224	138	86	23.9	12.9	598	19.73	45.8	220	142	86	23.5	11.6
800	24	599	19.53	42.1	251	145	90	24.9	56.7	601	19.69	44.7	242	149	88	24.6	86.9
4000	12	598	19.89	50.4	143	110	85	19.1	10.1	602	20.00	51.7	134	123	90	18.7	15.2
4000	24	600	19.85	49.9	159	118	86	20.0	78.1	605	19.96	51.0	151	125	87	19.7	82.5
12000	12	607	22.24	106.1	101	89	84	13.9	9.9	597	22.54	112.2	108	88	83	13.6	8.0
12000	24	601	20.11	55.3	121	108	92	18.1	76.3	599	20.14	55.2	131	112	90	17.9	78.9
QDA		600	19.45	40.5	1361	335	96	61.2	-	599	19.38	38.2	1359	344	95	61.6	-
OA		597	19.03	31.1	1111	247	93	41.5	-	591	18.78	25.7	1102	250	93	41.7	-

RESULTS FOR RP, IFP, FP, and QP DISPATCHING

Dispatching Strategy		Cost	TH	ACT	AT	QE	#Q
<b>BNU = 90%</b>							
IFP	100	752	23	77	97	25	
	800	753	23	79	68	22	
	4000	747	23	98	51	18	
RP	100	764	22	60	140	28	
	800	766	22	67	99	24	
	4000	758	23	84	67	19	
FP	100	773	21.24	45.5	229	31	
	800	764	21.27	46.4	206	28	
	4000	766	21	44	196	27	
QP	100	761	22	56	194	29	
	800	759	22	62	128	24	
	4000	760	23	83	83	19	
QDA		776	21.27	45.9	1197	71	
OA		787	20.84	36.1	1241	61	
<b>BNU = 70%</b>							
IFP	100	596	19.75	46.7	302	30	
	800	602	19.77	47.0	171	22	
	4000	601	20.09	54.5	111	18	
RP	100	600	19.51	41.2	367	31	
	800	599	19.69	45.3	222	24	
	4000	600	19.95	51.0	139	19	
FP	100	596	19.00	30.4	467	29	
	800	598	19.09	32.3	405	26	
	4000	596	19.00	30.1	384	25	
QP	100	600	19.48	40.4	396	31	
	800	601	19.82	47.9	229	24	
	4000	602	19.92	50.5	133	19	
QDA		599	19.42	39.3	1360	61	
OA		594	18.91	28.4	1106	42	