instance	m	α	ver	t^e	gap^e	ρ^{100}	t ¹⁰⁰	β^{100}	ρ^{1000}	t ¹⁰⁰⁰	β^{1000}
instance family eil51											
uncorr_01	50	42.0	С	1	0.00	1.0000	0	56.9	1.0000	1	55.9
uncorr_06	50	14.0	С	3	0.00	1.0000	0	39.9	1.0000	0	38.7
uncorr_10	50	50.0	u	1 0	0.00	1.0000	0	11.3	1.0000	0	$9.4 \\ 78.0$
uncorr-s-w_01 uncorr-s-w_06	50 50	30.0 24.0	c c	3	0.00	1.0000	0	79.0 36.5	1.0000	1 0	35.2
uncorr-s-w_10	50	34.0	u	3	0.00	1.0000	0	13.4	1.0000	0	11.9
b-s-corr_01	50	4.0	c	2	0.00	1.0000	0	91.5	1.0000	2	90.5
b-s-corr_06	50	0.0	c	249	0.00	1.0000	ő	54.5	1.0000	1	53.3
b-s-corr_10	50	0.0	c	139	0.00	1.0000	ő	26.2	1.0000	0	24.9
uncorr_01	250	39.2	с	1855	0.00	1.0000	0	66.8	1.0000	1	65.7
uncorr_06	250	16.4	С	-	10.66	1.0000	0	39.0	1.0000	0	37.8
uncorr_10	250	54.4	u	268	0.00	1.0000	0	11.2	1.0000	0	9.5
uncorr-s-w_01	250	20.8	С	22	0.00	1.0000	0	89.8	1.0000	1	88.8
uncorr-s-w_06	250	14.0	С	-	25.20	1.0000	0	45.5	1.0000	0	44.2
uncorr-s-w_10	250	19.2	u	73472	0.00	1.0000	0	16.0	1.0000	0	14.6
b-s-corr_01	250	0.0	С	-	0.89	1.0000	0	92.0	1.0000	1	91.1
b-s-corr_06	250	0.0	С	-	53.48	1.0000	0	56.9	1.0000	1	55.7
b-s-corr_10	250 500	0.0 37.0	С	-	60.94 14.82	1.0000	0	27.3 69.1	1.0000	0	25.9 68.0
uncorr_01 uncorr_06	500	15.2	С		21.26	1.0000	0	39.6	1.0000	1 0	38.3
uncorr_10	500	51.4	c "		1.27	1.0000	0	11.8	1.0000	0	10.1
uncorr-s-w_01	500	20.2	u c		1.80	1.0000	0	90.8	1.0000	1	89.9
uncorr-s-w_06	500	15.2	c		37.83	0.9999	0	45.1	1.0000	0	43.9
uncorr-s-w_10	500	18.6	u	_	4.44	1.0000	0	16.4	1.0000	0	15.0
b-s-corr_01	500	0.0	c	-	5.97	1.0000	ő	93.1	1.0000	2	92.1
b-s-corr_06	500	0.0	c	-	49.28	1.0000	ő	56.5	1.0000	0	55.4
b-s-corr_10	500	0.0	С	-	71.87	1.0000	0	26.6	1.0000	0	25.2
				in	stance far	nily eil76					
uncorr_01	75	26.7	С	4	0.00	1.0000	0	77.7	1.0000	1	76.7
uncorr_06	75	14.7	С	50	0.00	1.0000	0	34.3	1.0000	0	33.1
uncorr_10	75	48.0	u	15	0.00	1.0000	0	11.5	1.0000	0	9.6
uncorr-s-w_01	75	26.7	С	1	0.00	1.0000	0	79.2	1.0000	3	78.2
uncorr-s-w_06	75	17.3	С	82	0.00	1.0000	0	41.3	1.0000	1	40.1
uncorr-s-w_10	75	16.0	u	9	0.00	1.0000	0	16.8	1.0000	0	15.4
b-s-corr_01	75	0.0	С	6	0.00	1.0000	0	94.7	1.0000	1	93.8
b-s-corr_06	75	0.0	С		8.53	1.0000	0	59.7	1.0000	2	58.5
b-s-corr_10	75	0.0	С	4555	0.00	1.0000	0	25.9	1.0000	0	24.5
uncorr_01	375	38.1	С	-	15.49 18.04	1.0000	0	67.2	1.0000	2	66.1
uncorr_06 uncorr_10	375 375	16.0 49.3	c u	-	0.57	1.0000	0	37.5 12.0	1.0000	0	36.2 10.2
uncorr-s-w_01	375	14.9	c c	30376	0.00	1.0000	0	90.9	1.0000	5	89.9
uncorr-s-w_06	375	12.3	c	30376	48.36	1.0000	0	47.4	1.0000	1	46.2
uncorr-s-w_10	375	14.9	u		3.70	1.0000	0	17.3	1.0000	0	15.9
b-s-corr_01	375	0.0	c		9.32	1.0000	0	95.4	1.0000	2	94.4
b-s-corr_06	375	0.0	c		60.98	1.0000	0	57.4	1.0000	1	56.2
b-s-corr_10	375	0.0	c	_	69.90	1.0000	ő	27.8	1.0000	1	26.6
uncorr_01	750	32.5	c	_	19.52	1.0000	ő	72.3	1.0000	2	71.2
uncorr_06	750	14.8	c	-	33.14	1.0000	ŏ	39.5	1.0000	0	38.3
uncorr_10	750	43.1	u	-	5.25	1.0000	0	13.1	1.0000	0	11.4
uncorr-s-w_01	750	16.7	С	-	11.31	1.0000	0	89.8	1.0000	2	88.9
uncorr-s-w_06	750	13.5	С	-	60.27	1.0000	0	46.3	1.0000	1	45.1
uncorr-s-w_10	750	14.4	u	-	6.88	1.0000	0	17.2	1.0000	0	15.9
b-s-corr_01	750	0.0	С	-	10.46	1.0000	0	95.0	1.0000	2	94.0
b-s-corr_06	750	0.0	С	-	62.42	1.0000	0	56.1	1.0000	1	54.9
b-s-corr_10	750	0.0	С	-	84.45	1.0000	0	26.2	1.0000	0	24.9
				ins	tance fan	nily eil101					
uncorr_01	100	49.0	С	9	0.00	1.0000	0	61.3	1.0000	1	60.2
uncorr_06	100	16.0	С	714	0.00	0.9999	0	40.1	1.0000	2	38.8
uncorr_10	100	57.0	u	21	0.00	1.0000	0	10.2	1.0000	0	8.5
uncorr-s-w_01	100	25.0	С	3	0.00	1.0000	0	91.2	1.0000	1	90.3
uncorr-s-w_06	100	17.0	c "	446	0.00	1.0000	0	42.3	1.0000	1 0	41.0
uncorr-s-w_10 b-s-corr_01	100 100	15.0 0.0	u c	68 532	0.00	1.0000	0	$17.4 \\ 95.4$	1.0000	4	16.0 94.4
b-s-corr_06		0.0	c	332	44.03	1.0000	0	56.8	1.0000	2	55.7
D-9-COII =00		0.0	c		28.96	0.9999	0	28.5	1.0000	1	27.2
	100	0.0									-1.2
b-s-corr_10	100	0.0 38.8		_			0			3	65.5
b-s-corr_10 uncorr_01	100 500	0.0 38.8 14.4	с	-	13.92	1.0000	0	66.6	1.0000	3	65.5 38.4
b-s-corr_10 uncorr_01 uncorr_06	100 500 500	38.8		1	13.92 20.49	1.0000 1.0000	0 0 0	66.6 39.6	1.0000 1.0000		38.4
b-s-corr_10 uncorr_01	100 500	38.8 14.4	c c	-	13.92	1.0000	0	66.6	1.0000	1	
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr-s-w_01	100 500 500 500	38.8 14.4 51.4	c c u	-	13.92 20.49 1.94	1.0000 1.0000 1.0000	0 0	66.6 39.6 11.5	1.0000 1.0000 1.0000	1 0	38.4 9.8
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10	100 500 500 500 500	38.8 14.4 51.4 20.4	c c u c	-	13.92 20.49 1.94 7.00	1.0000 1.0000 1.0000 1.0000	0 0 1	66.6 39.6 11.5 89.3	1.0000 1.0000 1.0000 1.0000	1 0 14	38.4 9.8 88.3
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr-s-w_01 uncorr-s-w_06	100 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2	c c u c	-	13.92 20.49 1.94 7.00 40.92	1.0000 1.0000 1.0000 1.0000 1.0000	0 0 1 0	66.6 39.6 11.5 89.3 45.3	1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1	38.4 9.8 88.3 44.1
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr-s-w_01 uncorr-s-w_06 uncorr-s-w_10	100 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4	c c u c c		13.92 20.49 1.94 7.00 40.92 7.20	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0 0 1 0	66.6 39.6 11.5 89.3 45.3 16.4	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0	38.4 9.8 88.3 44.1 15.1
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr-s-w_01 uncorr-s-w_10 b-s-corr_01 b-s-corr_06 b-s-corr_10	100 500 500 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0	c u c c u	- - - -	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0 0 1 0 0 1 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1
b-s-corr_10 uncorr_01 uncorr_101 uncorr_10 uncorr_10 uncorr-s-w_01 uncorr-s-w_06 uncorr-s-w_10 b-s-corr_01 b-s-corr_06 b-s-corr_10 uncorr_01	100 500 500 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 0.0 37.0	c u c u c c u c c	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999	0 0 1 0 0 1 0 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr_s-w_01 uncorr-s-w_06 uncorr-s-w_10 b-s-corr_06 b-s-corr_10 uncorr_01 uncorr_01	100 500 500 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1	c c c c c c	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000	0 0 1 0 0 1 0 0 0 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3
b-s-corr.10 uncorr.01 uncorr.06 uncorr.10 uncorr.s-w.01 uncorr-s-w.06 uncorr.s-w.10 b-s-corr.01 b-s-corr.01 uncorr.01 uncorr.06 uncorr.06	100 500 500 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4	c c u c c u c c c u c c u	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0 0 1 0 0 1 0 0 0 0 0 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1
b-s-corr_10 uncorr_01 uncorr_06 uncorr_10 uncorr_s-w_01 uncorr-s-w_06 uncorr-s-w_10 b-s-corr_06 b-s-corr_10 uncorr_01 uncorr_01 uncorr_01	100 500 500 500 500 500 500 500 500 1000 1000	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4 19.7	c c u c c c c u c	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69 10.46	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 1.0000 0.9999	0 0 1 0 0 1 0 0 0 0 0 0 0 248	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8 89.3	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1 0 6144	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1 88.3
b-s-corr.10 uncorr.01 uncorr.06 uncorr.10 uncorr.s-w.01 uncorr-s-w.06 uncorr.s-w.10 b-s-corr.01 b-s-corr.10 uncorr.06 uncorr.01 uncorr.01 uncorr.01 uncorr.01 uncorr.01 uncorr.05 uncorr.10 uncorr.05	100 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4 19.7 13.7	c c u c c c c u c c c	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69 10.46 57.02	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8 89.3 45.6	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1 0 6144 1	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1 88.3 44.4
b-s-corr.10 uncorr.201 uncorr.301 uncorr.302 uncorr.402 uncorr.5-w.203 uncorr.5-w.203 b-s-corr.203 b-s-corr.101 uncorr.201 uncorr.201 uncorr.301 uncorr.302 uncorr.303 uncorr.303 uncorr.304 uncorr.304 uncorr.305 uncorr.305 uncorr.305 uncorr.306 uncorr.306 uncorr.306 uncorr.306 uncorr.306	100 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4 19.7 13.7 15.9	c c u c c u c c c u c c c c c c c u	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69 10.46 57.02 13.54	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 0.9999 1.0000	0 0 1 0 0 1 0 0 0 0 0 248 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8 89.3 45.6 16.7	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1 0 6144	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1 88.3 44.4 15.3
b-s-corr_10 uncorr_06 uncorr_10 uncorr_10 uncorr_s-w_01 uncorr-s-w_06 uncorr_s-w_10 b-s-corr_01 b-s-corr_10 uncorr_06 uncorr_10 uncorr_10 uncorr_10 uncorr_10 uncorr_s-w_06 uncorr-s-w_06 uncorr-s-w_10 b-s-corr_10 b-s-corr_10	100 500 500 500 500 500 500 500 1000 10	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4 19.7 13.7 15.9 0.0			13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69 10.46 57.02 13.54 14.41	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 0.9999 1.0000 1.0000 1.0000	0 0 1 0 0 1 0 0 0 0 0 0 248 0 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8 89.3 45.6 16.7 93.9	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1 0 6144 1 0 7	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1 88.3 44.4 15.3 93.0
b-s-corr.10 uncorr.201 uncorr.301 uncorr.302 uncorr.402 uncorr.5-w.203 uncorr.5-w.203 b-s-corr.201 uncorr.201 uncorr.201 uncorr.302 uncorr.303 uncorr.304 uncorr.304 uncorr.305 uncorr.305 uncorr.306 uncorr.306 uncorr.306 uncorr.306 uncorr.306 uncorr.306 uncorr.306	100 500 500 500 500 500 500 500	38.8 14.4 51.4 20.4 14.2 16.4 0.0 0.0 37.0 15.1 50.4 19.7 13.7 15.9	c c u c c u c c c u c c c c c c c u	-	13.92 20.49 1.94 7.00 40.92 7.20 13.73 68.68 77.57 26.74 30.91 4.69 10.46 57.02 13.54	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 0.9999 1.0000 0.9999 1.0000	0 0 1 0 0 1 0 0 0 0 0 248 0	66.6 39.6 11.5 89.3 45.3 16.4 94.4 55.3 26.3 67.2 39.5 11.8 89.3 45.6 16.7	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	1 0 14 1 0 3 2 0 3 1 0 6144	38.4 9.8 88.3 44.1 15.1 93.5 54.1 25.1 66.1 38.3 10.1 88.3 44.4 15.3