Komplette Tabelle der durchschnittlichen Jobpositionen jeder Instanz mit dynamischem spanning Buffer aus 64 verschiedenen Seeds

Seed	Variation	kl.JobPosAvg	gr.JobPosAvg
10115	$v_\alpha = [0.25, 0.45]$	J_1: 3.33	J_2: 4
10115	$v_\alpha = [0.45, 0.65]$	J_1: 2.67	J_2: 6
10115	$v_\alpha = [0.65, 0.85]$	J_1: 3	J_2: 6
10115	$v_\beta = 0.2$	J_1: 3	J_2: 3.57
10115	$v_\beta = 0.5$	J_1: 4	J_2: 2.91
10115	$v_\beta = 0.8$	J_1: 4.5	J_2: 4.25
10115	$v_\gamma = [0.1, 0.5]$	J_1: 3.39	J_2: 3
10115	$v_\gamma = [0.3, 0.7]$	J_1: 6	J_2: 1
10115	$v_\gamma = [0.5, 0.9]$	J_1: 3.75	J_2: 2.25
10117	$v_\alpha = [0.25, 0.45]$	J_2: 3.78	J_4, J_6: 3.94, 3.94
10117	$v_\alpha = [0.45, 0.65]$	J_2: 3.62	J_4, J_6: 3.69, 3.69
10117	$v_\alpha = [0.65, 0.85]$	J_2: 2.67	J_4, J_6: 4.5, 4.5
10117	$v_\beta = 0.2$	J_2: 4.1	J_4, J_6: 3.5, 3.5
10117	$v_\beta = 0.5$	J_2: 4	J_4, J_6: 4.5, 4.5
10117	$v_\beta = 0.8$	J_2: 4.33	J_4, J_6: 3.33, 3.33
10117	$v_\gamma = [0.1, 0.5]$	J_2: 3.87	J_4, J_6: 2.85, 2.85
10117	$v_\gamma = [0.3, 0.7]$	J_2: 4.36	J_4, J_6: 3.32, 3.32
10117	$v_\gamma = [0.5, 0.9]$	J_2: 4.17	J_4, J_6: 4.17, 4.17
10119	$v_\alpha = [0.25, 0.45]$	J_6: 4.33	J_1, J_5: 2.17, 2.17
10119	$v_\alpha = [0.45, 0.65]$	J_6: 3.64	J_1, J_5: 3.14, 3.14
10119	$v_\alpha = [0.65, 0.85]$	J_6: 3.9	J_1, J_5: 2.6, 2.6
10119	$v_\beta = 0.2$	J_6: 3.58	J_1, J_5: 3.12, 3.12
10119	$v_\beta = 0.5$	J_6: 4.4	J_1, J_5: 1.7, 1.7
10119	$v_\beta = 0.8$	J_6: 4.2	J_1, J_5: 2, 2
10119	$v_\gamma = [0.1, 0.5]$	J_6: 2.91	J_1, J_5: 3.41, 3.41
10119	$v_\gamma = [0.3, 0.7]$	J_6: 2.29	J_1, J_5: 4.43, 4.43
10119	$v_\gamma = [0.5, 0.9]$	J_6: 2.4	J_1, J_5: 5, 5
10176	$v_\alpha = [0.25, 0.45]$	J_3: 4	J_1, J_6: 4.5, 4.5
10176	$v_\alpha = [0.45, 0.65]$	J_3: 4	J_1, J_6: 4.5, 4.5
10176	$v_\alpha = [0.65, 0.85]$	J_3: 3.5	J_1, J_6: 3.5, 3.5
10176	$v_\beta = 0.2$	J_3: 3	J_1, J_6: 3.84, 3.84
10176	$v_\beta = 0.5$	J_3: 2.57	J_1, J_6: 4, 4

10176	$v_\beta = 0.8$	J_3: 5	J_1, J_6: 3, 3
10176	$v_\gamma = [0.1, 0.5]$	J_3: 3	J_1, J_6: 2, 2
10176	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_1, J_6: 2.5, 2.5
10176	$v_\gamma = [0.5, 0.9]$	J_3: 4	J_1, J_6: 2.25, 2.25
10178	$v_\alpha = [0.25, 0.45]$	J_5: 1.83	J_1, J_6: 4.08, 4.08
10178	$v_\alpha = [0.45, 0.65]$	J_5: 3	J_1, J_6: 4.5, 4.5
10178	$v_\alpha = [0.65, 0.85]$	J_5: 3.27	J_1, J_6: 3.67, 3.67
10178	$v_\beta = 0.2$	J_5: 3.62	J_1, J_6: 3.56, 3.56
10178	$v_\beta = 0.5$	J_5: 2.8	J_1, J_6: 4, 4
10178	$v_\beta = 0.8$	J_5: 3.47	J_1, J_6: 3.5, 3.5
10178	$v_\gamma = [0.1, 0.5]$	J_5: 4.33	J_1, J_6: 4.33, 4.33
10178	$v_\gamma = [0.3, 0.7]$	J_5: 4.1	J_1, J_6: 3, 3
10178	$v_\gamma = [0.5, 0.9]$	J_5: 3.92	J_1, J_6: 2.77, 2.77
10179	$v_\alpha = [0.25, 0.45]$	J_6: 3.7	J_2: 4.63
10179	$v_\alpha = [0.45, 0.65]$	J_6: 4.1	J_2: 3.5
10179	$v_\alpha = [0.65, 0.85]$	J_6: 3.13	J_2: 3.86
10179	$v_\beta = 0.2$	J_6: 4	J_2: 4
10179	$v_\beta = 0.5$	J_6: 4.27	J_2: 2.18
10179	$v_\beta = 0.8$	J_6: 3.71	J_2: 3.82
10179	$v_\gamma = [0.1, 0.5]$	J_6: 3.12	J_2: 3.75
10179	$v_\gamma = [0.3, 0.7]$	J_6: 3.12	J_2: 3.65
10179	$v_\gamma = [0.5, 0.9]$	J_6: 3.44	J_2: 3.94
10243	$v_\alpha = [0.25, 0.45]$	J_1, J_5: 4.2, 4.2	J_3, J_4, J_6: 3.2, 3.2, 3.2
10243	$v_\alpha = [0.45, 0.65]$	J_1, J_5: 4.5, 4.5	J_3, J_4, J_6: 2.83, 2.83, 2.83
10243	$v_\alpha = [0.65, 0.85]$	J_1, J_5: 2.66, 2.66	J_3, J_4, J_6: 4.38, 4.38, 4.38
10243	$v_\beta = 0.2$	J_1, J_5: 4.36, 4.36	J_3, J_4, J_6: 3.05, 3.05, 3.05
10243	$v_\beta = 0.5$	J_1, J_5: 2.62, 2.62	J_3, J_4, J_6: 4, 4, 4
10243	$v_\beta = 0.8$	J_1, J_5: 4, 4	J_3, J_4, J_6: 3.33, 3.33, 3.33
10243	$v_\gamma = [0.1, 0.5]$	J_1, J_5: 3.56, 3.56	J_3, J_4, J_6: 3.42, 3.42, 3.42
10243	$v_\gamma = [0.3, 0.7]$	J_1, J_5: 3.25, 3.25	J_3, J_4, J_6: 3.42, 3.42, 3.42
10243	$v_\gamma = [0.5, 0.9]$	J_1, J_5: 4, 4	J_3, J_4, J_6: 3.25, 3.25, 3.25
10245	$v_\alpha = [0.25, 0.45]$	J_5: 3.4	J_2: 4.7
10245	$v_\alpha = [0.45, 0.65]$	J_5: 4	J_2: 3.33
10245	$v_\alpha = [0.65, 0.85]$	J_5: 2.77	J_2: 4.06
10245	$v_\beta = 0.2$	J_5: 4.75	J_2: 3.17
10245	$v_\beta = 0.5$	J_5: 2.4	J_2: 2.2
10245	$v_\beta = 0.8$	J_5: 3.29	J_2: 3.43

10245	$v_\gamma = [0.1, 0.5]$	J_5: 3.29	J_2: 1.43
10245	$v_\gamma = [0.3, 0.7]$	J_5: 4.5	J_2: 2.62
10245	$v_\gamma = [0.5, 0.9]$	J_5: 4.4	J_2: 2.2
10247	$v_\alpha = [0.25, 0.45]$	J_5, J_6: 3.19, 3.19	J_2: 3.56
10247	$v_\alpha = [0.45, 0.65]$	J_5, J_6: 3.05, 3.05	J_2: 3.7
10247	$v_\alpha = [0.65, 0.85]$	J_5, J_6: 3.12, 3.12	J_2: 4.75
10247	$v_\beta = 0.2$	J_5, J_6: 3.6, 3.6	J_2: 2.4
10247	$v_\beta = 0.5$	J_5, J_6: 3.62, 3.62	J_2: 2.5
10247	$v_\beta = 0.8$	J_5, J_6: 3.94, 3.94	J_2: 2.56
10247	$v_\gamma = [0.1, 0.5]$	J_5, J_6: 3.05, 3.05	J_2: 4.27
10247	$v_\gamma = [0.3, 0.7]$	J_5, J_6: 3.21, 3.21	J_2: 3.29
10247	$v_\gamma = [0.5, 0.9]$	J_5, J_6: 2.92, 2.92	J_2: 3
10365	$v_\alpha = [0.25, 0.45]$	J_1, J_6: 3.79, 3.79	J_4, J_5: 3.32, 3.32
10365	$v_\alpha = [0.45, 0.65]$	J_1, J_6: 4, 4	J_4, J_5: 2, 2
10365	$v_\alpha = [0.65, 0.85]$	J_1, J_6: 3.22, 3.22	J_4, J_5: 4.33, 4.33
10365	$v_\beta = 0.2$	J_1, J_6: 3.17, 3.17	J_4, J_5: 4.33, 4.33
10365	$v_\beta = 0.5$	J_1, J_6: 3.67, 3.67	J_4, J_5: 3.58, 3.58
10365	$v_\beta = 0.8$	J_1, J_6: 3.19, 3.19	J_4, J_5: 2.62, 2.62
10365	$v_\gamma = [0.1, 0.5]$	J_1, J_6: 3.81, 3.81	J_4, J_5: 3.62, 3.62
10365	$v_\gamma = [0.3, 0.7]$	J_1, J_6: 3.39, 3.39	J_4, J_5: 3.61, 3.61
10365	$v_\gamma = [0.5, 0.9]$	J_1, J_6: 3.61, 3.61	J_4, J_5: 3.89, 3.89
10369	$v_\alpha = [0.25, 0.45]$	J_2, J_4: 2, 2	J_1: 4
10369	$v_\alpha = [0.45, 0.65]$	J_2, J_4: 3.5, 3.5	J_1: 3.5
10369	$v_\alpha = [0.65, 0.85]$	J_2, J_4: 3.37, 3.37	J_1: 3.51
10369	$v_\beta = 0.2$	J_2, J_4: 3.37, 3.37	J_1: 2.8
10369	$v_\beta = 0.5$	J_2, J_4: 3.35, 3.35	J_1: 3.38
10369	$v_\beta = 0.8$	J_2, J_4: 4, 4	J_1: 3.67
10369	$v_\gamma = [0.1, 0.5]$	J_2, J_4: 3.11, 3.11	J_1: 3.19
10369	$v_\gamma = [0.3, 0.7]$	J_2, J_4: 3.08, 3.08	J_1: 3.67
10369	$v_\gamma = [0.5, 0.9]$	J_2, J_4: 3.86, 3.86	J_1: 3.43
10405	$v_\alpha = [0.25, 0.45]$	J_3, J_5: 3.55, 3.55	J_6: 3.09
10405	$v_\alpha = [0.45, 0.65]$	J_3, J_5: 3.83, 3.83	J_6: 4
10405	$v_\alpha = [0.65, 0.85]$	J_3, J_5: 2, 2	J_6: 4.5
10405	$v_\beta = 0.2$	J_3, J_5: 4.06, 4.06	J_6: 2.38
10405	$v_\beta = 0.5$	J_3, J_5: 4.25, 4.25	J_6: 1
10405	$v_\beta = 0.8$	J_3, J_5: 4, 4	J_6: 3
10405	$v_\gamma = [0.1, 0.5]$	J_3, J_5: 2.83, 2.83	J_6: 3.67

10405	$v_\gamma = [0.3, 0.7]$	J_3, J_5: 3.95, 3.95	J_6: 2.6
10405	$v_\gamma = [0.5, 0.9]$	J_3, J_5: 3.31, 3.31	J_6: 2.5
10407	$v_\alpha = [0.25, 0.45]$	J_4: 1.2	J_5, J_6: 3.9, 3.9
10407	$v_\alpha = [0.45, 0.65]$	J_4: 2.2	J_5, J_6: 3.7, 3.7
10407	$v_\alpha = [0.65, 0.85]$	J_4: 2.65	J_5, J_6: 4.19, 4.19
10407	$v_\beta = 0.2$	J_4: 2.69	J_5, J_6: 4.15, 4.15
10407	$v_\beta = 0.5$	J_4: 2.44	J_5, J_6: 4.28, 4.28
10407	$v_\beta = 0.8$	J_4: 3.11	J_5, J_6: 4, 4
10407	$v_\gamma = [0.1, 0.5]$	J_4: 2.48	J_5, J_6: 4.66, 4.66
10407	$v_\gamma = [0.3, 0.7]$	J_4: 1.92	J_5, J_6: 3, 3
10407	$v_\gamma = [0.5, 0.9]$	J_4: 2.78	J_5, J_6: 3.5, 3.5
10409	$v_\alpha = [0.25, 0.45]$	J_2: 3.67	J_3, J_4, J_5: 3.67, 3.67, 3.67
10409	$v_\alpha = [0.45, 0.65]$	J_2: 3	J_3, J_4, J_5: 4, 4, 4
10409	$v_\alpha = [0.65, 0.85]$	J_2: 5.25	J_3, J_4, J_5: 2.83, 2.83, 2.83
10409	$v_\beta = 0.2$	J_2: 3.14	J_3, J_4, J_5: 3.38, 3.38, 3.38
10409	$v_\beta = 0.5$	J_2: 3	J_3, J_4, J_5: 3.33, 3.33, 3.33
10409	$v_\beta = 0.8$	J_2: 2.67	J_3, J_4, J_5: 2.83, 2.83, 2.83
10409	$v_\gamma = [0.1, 0.5]$	J_2: 4	J_3, J_4, J_5: 2.67, 2.67, 2.67
10409	$v_\gamma = [0.3, 0.7]$	J_2: 4	J_3, J_4, J_5: 2.67, 2.67, 2.67
10409	$v_\gamma = [0.5, 0.9]$	J_2: 2	J_3, J_4, J_5: 3, 3, 3
10435	$v_\alpha = [0.25, 0.45]$	J_2: 3.89	J_4: 2.78
10435	$v_\alpha = [0.45, 0.65]$	J_2: 3.57	J_4: 5
10435	$v_\alpha = [0.65, 0.85]$	J_2: 3.75	J_4: 2.5
10435	$v_\beta = 0.2$	J_2: 3.93	J_4: 2.13
10435	$v_\beta = 0.5$	J_2: 2.86	J_4: 4.57
10435	$v_\beta = 0.8$	J_2: 3.67	J_4: 3
10435	$v_\gamma = [0.1, 0.5]$	J_2: 2.92	J_4: 3.83
10435	$v_\gamma = [0.3, 0.7]$	J_2: 3.5	J_4: 4.42
10435	$v_\gamma = [0.5, 0.9]$	J_2: 3.33	J_4: 3.44
10437	$v_\alpha = [0.25, 0.45]$	J_4: 4.58	J_5: 2.58
10437	$v_\alpha = [0.45, 0.65]$	J_4: 1.38	J_5: 2.88
10437	$v_\alpha = [0.65, 0.85]$	J_4: 4.42	J_5: 3.75
10437	$v_\beta = 0.2$	J_4: 2.33	J_5: 3.2
10437	$v_\beta = 0.5$	J_4: 3.75	J_5: 3.33
10437	$v_\beta = 0.8$	J_4: 4.64	J_5: 3.27
10437	$v_\gamma = [0.1, 0.5]$	J_4: 2.5	J_5: 3.5
10437	$v_\gamma = [0.3, 0.7]$	J_4: 4.4	J_5: 2.8

10437	$v_\gamma = [0.5, 0.9]$	J_4: 4	J_5: 2.5
10439	$v_\alpha = [0.25, 0.45]$	J_3: 1.33	J_5: 2.5
10439	$v_\alpha = [0.45, 0.65]$	J_3: 3.75	J_5: 2.5
10439	$v_\alpha = [0.65, 0.85]$	J_3: 4.09	J_5: 2.82
10439	$v_\beta = 0.2$	J_3: 4.3	J_5: 3.9
10439	$v_\beta = 0.5$	J_3: 2.33	J_5: 2.78
10439	$v_\beta = 0.8$	J_3: 4.5	J_5: 2.25
10439	$v_\gamma = [0.1, 0.5]$	J_3: 4.83	J_5: 2.67
10439	$v_\gamma = [0.3, 0.7]$	J_3: 2.29	J_5: 3.14
10439	$v_\gamma = [0.5, 0.9]$	J_3: 2	J_5: 3.17
10551	$v_\alpha = [0.25, 0.45]$	J_3: 4.07	J_2: 1.64
10551	$v_\alpha = [0.45, 0.65]$	J_3: 3.6	J_2: 2.2
10551	$v_\alpha = [0.65, 0.85]$	J_3: 3.08	J_2: 4.27
10551	$v_\beta = 0.2$	J_3: 3.44	J_2: 2.78
10551	$v_\beta = 0.5$	J_3: 2.55	J_2: 4.95
10551	$v_\beta = 0.8$	J_3: 1.88	J_2: 4.5
10551	$v_\gamma = [0.1, 0.5]$	J_3: 2.42	J_2: 5.67
10551	$v_\gamma = [0.3, 0.7]$	J_3: 4.68	J_2: 2.89
10551	$v_\gamma = [0.5, 0.9]$	J_3: 3.31	J_2: 2.75
10553	$v_\alpha = [0.25, 0.45]$	J_2: 3.63	J_4: 2.11
10553	$v_\alpha = [0.45, 0.65]$	J_2: 3.8	J_4: 4.8
10553	$v_\alpha = [0.65, 0.85]$	J_2: 3.33	J_4: 3.67
10553	$v_\beta = 0.2$	J_2: 3.09	J_4: 2.27
10553	$v_\beta = 0.5$	J_2: 4.83	J_4: 1.67
10553	$v_\beta = 0.8$	J_2: 3.9	J_4: 2.6
10553	$v_\gamma = [0.1, 0.5]$	J_2: 3.33	J_4: 4.04
10553	$v_\gamma = [0.3, 0.7]$	J_2: 3.5	J_4: 3.07
10553	$v_\gamma = [0.5, 0.9]$	J_2: 3.73	J_4: 3.14
10555	$v_\alpha = [0.25, 0.45]$	J_1: 3.8	J_2: 1.6
10555	$v_\alpha = [0.45, 0.65]$	J_1: 4.12	J_2: 2.94
10555	$v_\alpha = [0.65, 0.85]$	J_1: 4.44	J_2: 2.88
10555	$v_\beta = 0.2$	J_1: 3.2	J_2: 2.67
10555	$v_\beta = 0.5$	J_1: 3.71	J_2: 4
10555	$v_\beta = 0.8$	J_1: 3.25	J_2: 1.5
10555	$v_\gamma = [0.1, 0.5]$	J_1: 4.08	J_2: 1.92
10555	$v_\gamma = [0.3, 0.7]$	J_1: 3.25	J_2: 3.25
10555	$v_\gamma = [0.5, 0.9]$	J_1: 3.67	J_2: 4.89

10557	$v_\alpha = [0.25, 0.45]$	J_5: 4.83	J_1, J_6: 3.08, 3.08
10557	$v_\alpha = [0.45, 0.65]$	J_5: 4.5	J_1, J_6: 3.17, 3.17
10557	$v_\alpha = [0.65, 0.85]$	J_5: 3.12	J_1, J_6: 2.94, 2.94
10557	$v_\beta = 0.2$	J_5: 3.56	J_1, J_6: 3, 3
10557	$v_\beta = 0.5$	J_5: 2.42	J_1, J_6: 3.92, 3.92
10557	$v_\beta = 0.8$	J_5: 3.86	J_1, J_6: 3.14, 3.14
10557	$v_\gamma = [0.1, 0.5]$	J_5: 2.38	J_1, J_6: 3.62, 3.62
10557	$v_\gamma = [0.3, 0.7]$	J_5: 4	J_1, J_6: 2.75, 2.75
10557	$v_\gamma = [0.5, 0.9]$	J_5: 3.62	J_1, J_6: 2.94, 2.94
18055	$v_\alpha = [0.25, 0.45]$	J_5: 3	J_1, J_3, J_4: 3.29, 3.29, 3.29
18055	$v_\alpha = [0.45, 0.65]$	J_5: 2.8	J_1, J_3, J_4: 2.93, 2.93, 2.93
18055	$v_\alpha = [0.65, 0.85]$	J_5: 2.67	J_1, J_3, J_4: 3.36, 3.36, 3.36
18055	$v_\beta = 0.2$	J_5: 3.12	J_1, J_3, J_4: 2.96, 2.96, 2.96
18055	$v_\beta = 0.5$	J_5: 3.27	J_1, J_3, J_4: 3.64, 3.64, 3.64
18055	$v_\beta = 0.8$	J_5: 4	J_1, J_3, J_4: 3.24, 3.24, 3.24
18055	$v_\gamma = [0.1, 0.5]$	J_5: 3.25	J_1, J_3, J_4: 3.53, 3.53, 3.53
18055	$v_\gamma = [0.3, 0.7]$	J_5: 3.27	J_1, J_3, J_4: 3.67, 3.67, 3.67
18055	$v_\gamma = [0.5, 0.9]$	J_5: 4	J_1, J_3, J_4: 3.67, 3.67, 3.67
18057	$v_\alpha = [0.25, 0.45]$	J_6: 4.12	J_3: 2.62
18057	$v_\alpha = [0.45, 0.65]$	J_6: 4.88	J_3: 2.62
18057	$v_\alpha = [0.65, 0.85]$	J_6: 3.14	J_3: 4.86
18057	$v_\beta = 0.2$	J_6: 3.69	J_3: 3.69
18057	$v_\beta = 0.5$	J_6: 3.3	J_3: 2.1
18057	$v_\beta = 0.8$	J_6: 4.75	J_3: 2
18057	$v_\gamma = [0.1, 0.5]$	J_6: 3.5	J_3: 2
18057	$v_\gamma = [0.3, 0.7]$	J_6: 2.33	J_3: 2.33
18057	$v_\gamma = [0.5, 0.9]$	J_6: 3.23	J_3: 3.15
18059	$v_\alpha = [0.25, 0.45]$	J_6: 4.4	J_2: 2.5
18059	$v_\alpha = [0.45, 0.65]$	J_6: 2.14	J_2: 5.21
18059	$v_\alpha = [0.65, 0.85]$	J_6: 3	J_2: 2.33
18059	$v_\beta = 0.2$	J_6: 2.62	J_2: 4.12
18059	$v_\beta = 0.5$	J_6: 2	J_2: 4.5
18059	$v_\beta = 0.8$	J_6: 3.92	J_2: 2.75
18059	$v_\gamma = [0.1, 0.5]$	J_6: 4.5	J_2: 3.5
18059	$v_\gamma = [0.3, 0.7]$	J_6: 3	J_2: 2.25
18059	$v_\gamma = [0.5, 0.9]$	J_6: 4	J_2: 1.33
18069	$v_\alpha = [0.25, 0.45]$	J_5: 2.62	J_1: 5.62

18069	$v_\alpha = [0.45, 0.65]$	J_5: 3.6	J_1: 4
18069	$v_\alpha = [0.65, 0.85]$	J_5: 2.29	J_1: 3
18069	$v_\beta = 0.2$	J_5: 3.4	J_1: 2.9
18069	$v_\beta = 0.5$	J_5: 2.73	J_1: 2.27
18069	$v_\beta = 0.8$	J_5: 4	J_1: 3.29
18069	$v_\gamma = [0.1, 0.5]$	J_5: 3.94	J_1: 3.83
18069	$v_\gamma = [0.3, 0.7]$	J_5: 2.55	J_1: 3.9
18069	$v_\gamma = [0.5, 0.9]$	J_5: 2.9	J_1: 3.05
18106	$v_\alpha = [0.25, 0.45]$	J_3: 3.59	J_2, J_6: 4.21, 4.21
18106	$v_\alpha = [0.45, 0.65]$	J_3: 4.86	J_2, J_6: 3.79, 3.79
18106	$v_\alpha = [0.65, 0.85]$	J_3: 2.73	J_2, J_6: 4.3, 4.3
18106	$v_\beta = 0.2$	J_3: 4.71	J_2, J_6: 3.21, 3.21
18106	$v_\beta = 0.5$	J_3: 2.22	J_2, J_6: 3.83, 3.83
18106	$v_\beta = 0.8$	J_3: 4	J_2, J_6: 3.83, 3.83
18106	$v_\gamma = [0.1, 0.5]$	J_3: 4.7	J_2, J_6: 2.85, 2.85
18106	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_2, J_6: 3.93, 3.93
18106	$v_\gamma = [0.5, 0.9]$	J_3: 3.25	J_2, J_6: 3.94, 3.94
18107	$v_\alpha = [0.25, 0.45]$	J_3: 3.75	J_1: 2.5
18107	$v_\alpha = [0.45, 0.65]$	J_3: 2.12	J_1: 4.5
18107	$v_\alpha = [0.65, 0.85]$	J_3: 2.92	J_1: 1.53
18107	$v_\beta = 0.2$	J_3: 4.6	J_1: 3.8
18107	$v_\beta = 0.5$	J_3: 4.58	J_1: 4.42
18107	$v_\beta = 0.8$	J_3: 3.91	J_1: 3
18107	$v_\gamma = [0.1, 0.5]$	J_3: 3.67	J_1: 3.42
18107	$v_\gamma = [0.3, 0.7]$	J_3: 4.4	J_1: 3.1
18107	$v_\gamma = [0.5, 0.9]$	J_3: 3.8	J_1: 2.6
18109	$v_\alpha = [0.25, 0.45]$	J_6: 2.33	J_1, J_3: 3.17, 3.17
18109	$v_\alpha = [0.45, 0.65]$	J_6: 2.64	J_1, J_3: 3.45, 3.45
18109	$v_\alpha = [0.65, 0.85]$	J_6: 3.5	J_1, J_3: 3.35, 3.35
18109	$v_\beta = 0.2$	J_6: 3	J_1, J_3: 3.94, 3.94
18109	$v_\beta = 0.5$	J_6: 2.88	J_1, J_3: 3.25, 3.25
18109	$v_\beta = 0.8$	J_6: 3.8	J_1, J_3: 2.8, 2.8
18109	$v_\gamma = [0.1, 0.5]$	J_6: 3	J_1, J_3: 1.5, 1.5
18109	$v_\gamma = [0.3, 0.7]$	J_6: 3.5	J_1, J_3: 2.25, 2.25
18109	$v_\gamma = [0.5, 0.9]$	J_6: 4	J_1, J_3: 2.17, 2.17
18119	$v_\alpha = [0.25, 0.45]$	J_5, J_6: 3.02, 3.02	J_2: 3.14
18119	$v_\alpha = [0.45, 0.65]$	J_5, J_6: 2.36, 2.36	J_2: 4.91

18119	$v_\alpha = [0.65, 0.85]$	J_5, J_6: 3.29, 3.29	J_2: 3.29
18119	$v_\beta = 0.2$	J_5, J_6: 4.04, 4.04	J_2: 2.31
18119	$v_\beta = 0.5$	J_5, J_6: 4.17, 4.17	J_2: 3.33
18119	$v_\beta = 0.8$	J_5, J_6: 3.17, 3.17	J_2: 2.89
18119	$v_\gamma = [0.1, 0.5]$	J_5, J_6: 2.57, 2.57	J_2: 3.87
18119	$v_\gamma = [0.3, 0.7]$	J_5, J_6: 3.5, 3.5	J_2: 3.25
18119	$v_\gamma = [0.5, 0.9]$	J_5, J_6: 3.44, 3.44	J_2: 3.44
18146	$v_\alpha = [0.25, 0.45]$	J_1: 3.63	J_2: 3.56
18146	$v_\alpha = [0.45, 0.65]$	J_1: 4.13	J_2: 3.33
18146	$v_\alpha = [0.65, 0.85]$	J_1: 1.5	J_2: 3
18146	$v_\beta = 0.2$	J_1: 3.75	J_2: 3.33
18146	$v_\beta = 0.5$	J_1: 4	J_2: 2
18146	$v_\beta = 0.8$	J_1: 5	J_2: 3.6
18146	$v_\gamma = [0.1, 0.5]$	J_1: 4.09	J_2: 4.18
18146	$v_\gamma = [0.3, 0.7]$	J_1: 5	J_2: 2.67
18146	$v_\gamma = [0.5, 0.9]$	J_1: 5	J_2: 2.83
18147	$v_\alpha = [0.25, 0.45]$	J_4: 5	J_1: 3.67
18147	$v_\alpha = [0.45, 0.65]$	J_4: 2	J_1: 4.5
18147	$v_\alpha = [0.65, 0.85]$	J_4: 2.93	J_1: 3.34
18147	$v_\beta = 0.2$	J_4: 4.14	J_1: 2.71
18147	$v_\beta = 0.5$	J_4: 3.89	J_1: 3.56
18147	$v_\beta = 0.8$	J_4: 3	J_1: 3.75
18147	$v_\gamma = [0.1, 0.5]$	J_4: 4	J_1: 2.75
18147	$v_\gamma = [0.3, 0.7]$	J_4: 3.5	J_1: 3.5
18147	$v_\gamma = [0.5, 0.9]$	J_4: 3.4	J_1: 4
18182	$v_\alpha = [0.25, 0.45]$	J_2, J_3: 3.05, 3.05	J_4, J_6: 3.5, 3.5
18182	$v_\alpha = [0.45, 0.65]$	J_2, J_3: 3.93, 3.93	J_4, J_6: 3.43, 3.43
18182	$v_\alpha = [0.65, 0.85]$	J_2, J_3: 2.38, 2.38	J_4, J_6: 3.59, 3.59
18182	$v_\beta = 0.2$	J_2, J_3: 2.67, 2.67	J_4, J_6: 3.92, 3.92
18182	$v_\beta = 0.5$	J_2, J_3: 3.79, 3.79	J_4, J_6: 3.36, 3.36
18182	$v_\beta = 0.8$	J_2, J_3: 3.88, 3.88	J_4, J_6: 3.5, 3.5
18182	$v_\gamma = [0.1, 0.5]$	J_2, J_3: 4, 4	J_4, J_6: 2.19, 2.19
18182	$v_\gamma = [0.3, 0.7]$	J_2, J_3: 4, 4	J_4, J_6: 2.17, 2.17
18182	$v_\gamma = [0.5, 0.9]$	J_2, J_3: 3.5, 3.5	J_4, J_6: 2.33, 2.33
18184	$v_\alpha = [0.25, 0.45]$	J_4: 3.42	J_2: 2.42
18184	$v_\alpha = [0.45, 0.65]$	J_4: 3.77	J_2: 3
18184	$v_\alpha = [0.65, 0.85]$	J_4: 3.44	J_2: 2.32

18184	$v_\beta = 0.2$	J_4: 3.39	J_2: 4.17
18184	$v_\beta = 0.5$	J_4: 3.67	J_2: 2.67
18184	$v_\beta = 0.8$	J_4: 3.56	J_2: 2.75
18184	$v_\gamma = [0.1, 0.5]$	J_4: 4.19	J_2: 2.5
18184	$v_\gamma = [0.3, 0.7]$	J_4: 4.1	J_2: 2.65
18184	$v_\gamma = [0.5, 0.9]$	J_4: 3.47	J_2: 3.29
18195	$v_\alpha = [0.25, 0.45]$	J_4: 2.4	J_1, J_5, J_6: 3.6, 3.6, 3.6
18195	$v_\alpha = [0.45, 0.65]$	J_4: 3.75	J_1, J_5, J_6: 3.75, 3.75, 3.75
18195	$v_\alpha = [0.65, 0.85]$	J_4: 3.19	J_1, J_5, J_6: 3.56, 3.56, 3.56
18195	$v_\beta = 0.2$	J_4: 3.6	J_1, J_5, J_6: 2.93, 2.93, 2.93
18195	$v_\beta = 0.5$	J_4: 3.86	J_1, J_5, J_6: 3.43, 3.43, 3.43
18195	$v_\beta = 0.8$	J_4: 3.25	J_1, J_5, J_6: 3.25, 3.25, 3.25
18195	$v_\gamma = [0.1, 0.5]$	J_4: 3	J_1, J_5, J_6: 3.47, 3.47, 3.47
18195	$v_\gamma = [0.3, 0.7]$	J_4: 3.14	J_1, J_5, J_6: 3.14, 3.14, 3.14
18195	$v_\gamma = [0.5, 0.9]$	J_4: 3.82	J_1, J_5, J_6: 3, 3, 3
4103	$v_\alpha = [0.25, 0.45]$	J_3: 4	J_1, J_5: 2.91, 2.91
4103	$v_\alpha = [0.45, 0.65]$	J_3: 4	J_1, J_5: 2.85, 2.85
4103	$v_\alpha = [0.65, 0.85]$	J_3: 4.1	J_1, J_5: 3.55, 3.55
4103	$v_\beta = 0.2$	J_3: 3.57	J_1, J_5: 3.14, 3.14
4103	$v_\beta = 0.5$	J_3: 4.17	J_1, J_5: 3, 3
4103	$v_\beta = 0.8$	J_3: 4.09	J_1, J_5: 2.95, 2.95
4103	$v_\gamma = [0.1, 0.5]$	J_3: 3.91	J_1, J_5: 2.82, 2.82
4103	$v_\gamma = [0.3, 0.7]$	J_3: 2.5	J_1, J_5: 4, 4
4103	$v_\gamma = [0.5, 0.9]$	J_3: 2.8	J_1, J_5: 4.5, 4.5
4105	$v_\alpha = [0.25, 0.45]$	J_2: 3.44	J_1, J_4: 3.11, 3.11
4105	$v_\alpha = [0.45, 0.65]$	J_2: 2.76	J_1, J_4: 3.29, 3.29
4105	$v_\alpha = [0.65, 0.85]$	J_2: 3.23	J_1, J_4: 3.53, 3.53
4105	$v_\beta = 0.2$	J_2: 2.43	J_1, J_4: 3.14, 3.14
4105	$v_\beta = 0.5$	J_2: 3.1	J_1, J_4: 3.8, 3.8
4105	$v_\beta = 0.8$	J_2: 2.44	J_1, J_4: 3.39, 3.39
4105	$v_\gamma = [0.1, 0.5]$	J_2: 3.1	J_1, J_4: 3.3, 3.3
4105	$v_\gamma = [0.3, 0.7]$	J_2: 2.83	J_1, J_4: 3.94, 3.94
4105	$v_\gamma = [0.5, 0.9]$	J_2: 4	J_1, J_4: 3.03, 3.03
4107	$v_\alpha = [0.25, 0.45]$	J_1: 3.07	J_5: 4.07
4107	$v_\alpha = [0.45, 0.65]$	J_1: 3.8	J_5: 4.5
4107	$v_\alpha = [0.65, 0.85]$	J_1: 2.56	J_5: 4.22
4107	$v_\beta = 0.2$	J_1: 3.91	J_5: 3.09

4107	$v_\beta = 0.5$	J_1: 5.2	J_5: 3.2
4107	$v_\beta = 0.8$	J_1: 3.08	J_5: 3.83
4107	$v_\gamma = [0.1, 0.5]$	J_1: 3	J_5: 4.8
4107	$v_\gamma = [0.3, 0.7]$	J_1: 1.17	J_5: 3.83
4107	$v_\gamma = [0.5, 0.9]$	J_1: 3.9	J_5: 3.9
4109	$v_\alpha = [0.25, 0.45]$	J_3: 5	J_4, J_6: 2.75, 2.75
4109	$v_\alpha = [0.45, 0.65]$	J_3: 4	J_4, J_6: 3.7, 3.7
4109	$v_\alpha = [0.65, 0.85]$	J_3: 5.5	J_4, J_6: 2.88, 2.88
4109	$v_\beta = 0.2$	J_3: 3.17	J_4, J_6: 3.75, 3.75
4109	$v_\beta = 0.5$	J_3: 4.67	J_4, J_6: 2.83, 2.83
4109	$v_\beta = 0.8$	J_3: 3.6	J_4, J_6: 3.3, 3.3
4109	$v_\gamma = [0.1, 0.5]$	J_3: 3.67	J_4, J_6: 3.83, 3.83
4109	$v_\gamma = [0.3, 0.7]$	J_3: 2.33	J_4, J_6: 4.08, 4.08
4109	$v_\gamma = [0.5, 0.9]$	J_3: 3	J_4, J_6: 3, 3
4129	$v_\alpha = [0.25, 0.45]$	J_5: 3.62	J_1, J_3: 2.88, 2.88
4129	$v_\alpha = [0.45, 0.65]$	J_5: 4.22	J_1, J_3: 2.72, 2.72
4129	$v_\alpha = [0.65, 0.85]$	J_5: 4.6	J_1, J_3: 3, 3
4129	$v_\beta = 0.2$	J_5: 3.64	J_1, J_3: 2.82, 2.82
4129	$v_\beta = 0.5$	J_5: 2.92	J_1, J_3: 2.92, 2.92
4129	$v_\beta = 0.8$	J_5: 3.13	J_1, J_3: 3.11, 3.11
4129	$v_\gamma = [0.1, 0.5]$	J_5: 2.5	J_1, J_3: 4.2, 4.2
4129	$v_\gamma = [0.3, 0.7]$	J_5: 3.27	J_1, J_3: 3.43, 3.43
4129	$v_\gamma = [0.5, 0.9]$	J_5: 3.12	J_1, J_3: 4, 4
4155	$v_\alpha = [0.25, 0.45]$	J_1: 3.75	J_5, J_6: 3, 3
4155	$v_\alpha = [0.45, 0.65]$	J_1: 2.69	J_5, J_6: 4.19, 4.19
4155	$v_\alpha = [0.65, 0.85]$	J_1: 3.11	J_5, J_6: 3.89, 3.89
4155	$v_\beta = 0.2$	J_1: 3.93	J_5, J_6: 3.4, 3.4
4155	$v_\beta = 0.5$	J_1: 3.56	J_5, J_6: 3.33, 3.33
4155	$v_\beta = 0.8$	J_1: 3.78	J_5, J_6: 3.78, 3.78
4155	$v_\gamma = [0.1, 0.5]$	J_1: 2.79	J_5, J_6: 4.02, 4.02
4155	$v_\gamma = [0.3, 0.7]$	J_1: 3.67	J_5, J_6: 3.56, 3.56
4155	$v_\gamma = [0.5, 0.9]$	J_1: 3.75	J_5, J_6: 3.35, 3.35
4157	$v_\alpha = [0.25, 0.45]$	J_3: 3.6	J_2, J_6: 2.1, 2.1
4157	$v_\alpha = [0.45, 0.65]$	J_3: 2.5	J_2, J_6: 3.75, 3.75
4157	$v_\alpha = [0.65, 0.85]$	J_3: 3.13	J_2, J_6: 3.23, 3.23
4157	$v_\beta = 0.2$	J_3: 4.5	J_2, J_6: 2.25, 2.25
4157	$v_\beta = 0.5$	J_3: 2.73	J_2, J_6: 3.09, 3.09

4157	$v_\beta = 0.8$	J_3: 2.62	J_2, J_6: 2.69, 2.69
4157	$v_\gamma = [0.1, 0.5]$	J_3: 3.92	J_2, J_6: 3.46, 3.46
4157	$v_\gamma = [0.3, 0.7]$	J_3: 3.36	J_2, J_6: 3, 3
4157	$v_\gamma = [0.5, 0.9]$	J_3: 3.46	J_2, J_6: 3.62, 3.62
4158	$v_\alpha = [0.25, 0.45]$	J_2: 4.17	J_5: 5.25
4158	$v_\alpha = [0.45, 0.65]$	J_2: 1.67	J_5: 5
4158	$v_\alpha = [0.65, 0.85]$	J_2: 3.23	J_5: 5.73
4158	$v_\beta = 0.2$	J_2: 3.89	J_5: 5.22
4158	$v_\beta = 0.5$	J_2: 3.22	J_5: 5.09
4158	$v_\beta = 0.8$	J_2: 2.6	J_5: 6
4158	$v_\gamma = [0.1, 0.5]$	J_2: 4.3	J_5: 4.8
4158	$v_\gamma = [0.3, 0.7]$	J_2: 3.67	J_5: 2.5
4158	$v_\gamma = [0.5, 0.9]$	J_2: 2.23	J_5: 3.62
4159	$v_\alpha = [0.25, 0.45]$	J_5: 4.5	J_1, J_6: 5, 5
4159	$v_\alpha = [0.45, 0.65]$	J_5: 2	J_1, J_6: 5.19, 5.19
4159	$v_\alpha = [0.65, 0.85]$	J_5: 2	J_1, J_6: 5, 5
4159	$v_\beta = 0.2$	J_5: 2.5	J_1, J_6: 4.56, 4.56
4159	$v_\beta = 0.5$	J_5: 3.5	J_1, J_6: 3.75, 3.75
4159	$v_\beta = 0.8$	J_5: 3.71	J_1, J_6: 4.14, 4.14
4159	$v_\gamma = [0.1, 0.5]$	J_5: 4.82	J_1, J_6: 3.68, 3.68
4159	$v_\gamma = [0.3, 0.7]$	J_5: 2.77	J_1, J_6: 3.42, 3.42
4159	$v_\gamma = [0.5, 0.9]$	J_5: 3.82	J_1, J_6: 3.32, 3.32
4177	$v_\alpha = [0.25, 0.45]$	J_5: 2.76	J_1, J_4: 3.09, 3.09
4177	$v_\alpha = [0.45, 0.65]$	J_5: 2.8	J_1, J_4: 3.65, 3.65
4177	$v_\alpha = [0.65, 0.85]$	J_5: 2.9	J_1, J_4: 2.97, 2.97
4177	$v_\beta = 0.2$	J_5: 1.36	J_1, J_4: 3.86, 3.86
4177	$v_\beta = 0.5$	J_5: 4	J_1, J_4: 3.6, 3.6
4177	$v_\beta = 0.8$	J_5: 1	J_1, J_4: 3.93, 3.93
4177	$v_\gamma = [0.1, 0.5]$	J_5: 4	J_1, J_4: 2.93, 2.93
4177	$v_\gamma = [0.3, 0.7]$	J_5: 2.8	J_1, J_4: 3, 3
4177	$v_\gamma = [0.5, 0.9]$	J_5: 3.88	J_1, J_4: 2.75, 2.75
4178	$v_\alpha = [0.25, 0.45]$	J_3: 3.89	J_2: 2
4178	$v_\alpha = [0.45, 0.65]$	J_3: 4	J_2: 2.89
4178	$v_\alpha = [0.65, 0.85]$	J_3: 5	J_2: 1.33
4178	$v_\beta = 0.2$	J_3: 3.73	J_2: 2.4
4178	$v_\beta = 0.5$	J_3: 3.82	J_2: 3.64
4178	$v_\beta = 0.8$	J_3: 3.83	J_2: 2.83

4178	$v_\gamma = [0.1, 0.5]$	J_3: 3.4	J_2: 2.8
4178	$v_\gamma = [0.3, 0.7]$	J_3: 4.1	J_2: 3.3
4178	$v_\gamma = [0.5, 0.9]$	J_3: 3.7	J_2: 3.4
4179	$v_\alpha = [0.25, 0.45]$	J_6: 1.88	J_2: 2.62
4179	$v_\alpha = [0.45, 0.65]$	J_6: 2	J_2: 3
4179	$v_\alpha = [0.65, 0.85]$	J_6: 1.7	J_2: 3.5
4179	$v_\beta = 0.2$	J_6: 3.25	J_2: 3.83
4179	$v_\beta = 0.5$	J_6: 2.4	J_2: 4.07
4179	$v_\beta = 0.8$	J_6: 2	J_2: 3
4179	$v_\gamma = [0.1, 0.5]$	J_6: 2	J_2: 2.4
4179	$v_\gamma = [0.3, 0.7]$	J_6: 1.5	J_2: 2.5
4179	$v_\gamma = [0.5, 0.9]$	J_6: 2.5	J_2: 3
4205	$v_\alpha = [0.25, 0.45]$	J_1, J_3, J_6: 3.79, 3.79, 3.79	J_5: 3.62
4205	$v_\alpha = [0.45, 0.65]$	J_1, J_3, J_6: 3.4, 3.4, 3.4	J_5: 3.67
4205	$v_\alpha = [0.65, 0.85]$	J_1, J_3, J_6: 3.03, 3.03, 3.03	J_5: 4.31
4205	$v_\beta = 0.2$	J_1, J_3, J_6: 4.56, 4.56, 4.56	J_5: 2
4205	$v_\beta = 0.5$	J_1, J_3, J_6: 4.33, 4.33, 4.33	J_5: 3
4205	$v_\beta = 0.8$	J_1, J_3, J_6: 3.21, 3.21, 3.21	J_5: 3.75
4205	$v_\gamma = [0.1, 0.5]$	J_1, J_3, J_6: 3.78, 3.78, 3.78	J_5: 3.33
4205	$v_\gamma = [0.3, 0.7]$	J_1, J_3, J_6: 4, 4, 4	J_5: 2.25
4205	$v_\gamma = [0.5, 0.9]$	J_1, J_3, J_6: 4.13, 4.13, 4.13	J_5: 2.2
4207	$v_\alpha = [0.25, 0.45]$	J_1: 5	J_4: 1
4207	$v_\alpha = [0.45, 0.65]$	J_1: 4.14	J_4: 3.14
4207	$v_\alpha = [0.65, 0.85]$	J_1: 3.4	J_4: 1.6
4207	$v_\beta = 0.2$	J_1: 4.25	J_4: 2.67
4207	$v_\beta = 0.5$	J_1: 3.56	J_4: 2.89
4207	$v_\beta = 0.8$	J_1: 6	J_4: 1
4207	$v_\gamma = [0.1, 0.5]$	J_1: 3.71	J_4: 2.43
4207	$v_\gamma = [0.3, 0.7]$	J_1: 3.5	J_4: 2.62
4207	$v_\gamma = [0.5, 0.9]$	J_1: 2.57	J_4: 2.86
4209	$v_\alpha = [0.25, 0.45]$	J_2: 2.89	J_3: 3.67
4209	$v_\alpha = [0.45, 0.65]$	J_2: 1	J_3: 4.5
4209	$v_\alpha = [0.65, 0.85]$	J_2: 3.03	J_3: 6
4209	$v_\beta = 0.2$	J_2: 2.73	J_3: 3.33
4209	$v_\beta = 0.5$	J_2: 4.17	J_3: 3.5
4209	$v_\beta = 0.8$	J_2: 4.7	J_3: 2.6
4209	$v_\gamma = [0.1, 0.5]$	J_2: 2.5	J_3: 1

4209	$v_\gamma = [0.3, 0.7]$	J_2: 4	J_3: 3.36
4209	$v_\gamma = [0.5, 0.9]$	J_2: 3.42	J_3: 3.25
4229	$v_\alpha = [0.25, 0.45]$	J_3: 3.8	J_2, J_4, J_6: 3.6, 3.6, 3.6
4229	$v_\alpha = [0.45, 0.65]$	J_3: 3.25	J_2, J_4, J_6: 2.67, 2.67, 2.67
4229	$v_\alpha = [0.65, 0.85]$	J_3: 3	J_2, J_4, J_6: 3, 3, 3
4229	$v_\beta = 0.2$	J_3: 4	J_2, J_4, J_6: 3.33, 3.33, 3.33
4229	$v_\beta = 0.5$	J_3: 4.5	J_2, J_4, J_6: 3.39, 3.39, 3.39
4229	$v_\beta = 0.8$	J_3: 4.8	J_2, J_4, J_6: 2.6, 2.6, 2.6
4229	$v_\gamma = [0.1, 0.5]$	J_3: 3.67	J_2, J_4, J_6: 2.72, 2.72, 2.72
4229	$v_\gamma = [0.3, 0.7]$	J_3: 4.2	J_2, J_4, J_6: 2.73, 2.73, 2.73
4229	$v_\gamma = [0.5, 0.9]$	J_3: 4.33	J_2, J_4, J_6: 2.67, 2.67, 2.67
4249	$v_\alpha = [0.25, 0.45]$	J_1: 4.44	J_5: 1.94
4249	$v_\alpha = [0.45, 0.65]$	J_1: 4	J_5: 6
4249	$v_\alpha = [0.65, 0.85]$	J_1: 5.25	J_5: 5.5
4249	$v_\beta = 0.2$	J_1: 3.55	J_5: 4.64
4249	$v_\beta = 0.5$	J_1: 1.71	J_5: 3
4249	$v_\beta = 0.8$	J_1: 3.09	J_5: 3.82
4249	$v_\gamma = [0.1, 0.5]$	J_1: 4.2	J_5: 6
4249	$v_\gamma = [0.3, 0.7]$	J_1: 4.6	J_5: 4.4
4249	$v_\gamma = [0.5, 0.9]$	J_1: 2.75	J_5: 2.38
4275	$v_\alpha = [0.25, 0.45]$	J_1: 3.57	J_2: 3.43
4275	$v_\alpha = [0.45, 0.65]$	J_1: 5	J_2: 4
4275	$v_\alpha = [0.65, 0.85]$	J_1: 3.06	J_2: 4.71
4275	$v_\beta = 0.2$	J_1: 4.12	J_2: 3.71
4275	$v_\beta = 0.5$	J_1: 3.25	J_2: 2.46
4275	$v_\beta = 0.8$	J_1: 3.83	J_2: 2.5
4275	$v_\gamma = [0.1, 0.5]$	J_1: 4.73	J_2: 2.18
4275	$v_\gamma = [0.3, 0.7]$	J_1: 4.29	J_2: 2
4275	$v_\gamma = [0.5, 0.9]$	J_1: 4.86	J_2: 2.43
4277	$v_\alpha = [0.25, 0.45]$	J_1: 4.13	J_5: 4.2
4277	$v_\alpha = [0.45, 0.65]$	J_1: 3.57	J_5: 3.29
4277	$v_\alpha = [0.65, 0.85]$	J_1: 3	J_5: 3.7
4277	$v_\beta = 0.2$	J_1: 3.6	J_5: 3.87
4277	$v_\beta = 0.5$	J_1: 4.67	J_5: 4.17
4277	$v_\beta = 0.8$	J_1: 3.33	J_5: 4.5
4277	$v_\gamma = [0.1, 0.5]$	J_1: 4	J_5: 1.71
4277	$v_\gamma = [0.3, 0.7]$	J_1: 2	J_5: 2.9

4277	$v_\gamma = [0.5, 0.9]$	J_1: 4.67	J_5: 3.33
4279	$v_\alpha = [0.25, 0.45]$	J_5: 3.4	J_6: 2.8
4279	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_6: 4.33
4279	$v_\alpha = [0.65, 0.85]$	J_5: 3.27	J_6: 6
4279	$v_\beta = 0.2$	J_5: 4	J_6: 2.88
4279	$v_\beta = 0.5$	J_5: 4.8	J_6: 4
4279	$v_\beta = 0.8$	J_5: 5	J_6: 3.2
4279	$v_\gamma = [0.1, 0.5]$	J_5: 3.67	J_6: 2.33
4279	$v_\gamma = [0.3, 0.7]$	J_5: 3.2	J_6: 4
4279	$v_\gamma = [0.5, 0.9]$	J_5: 3.6	J_6: 4.2
4289	$v_\alpha = [0.25, 0.45]$	J_5: 2.86	J_6: 3.52
4289	$v_\alpha = [0.45, 0.65]$	J_5: 2.76	J_6: 3.94
4289	$v_\alpha = [0.65, 0.85]$	J_5: 3.2	J_6: 3.22
4289	$v_\beta = 0.2$	J_5: 3.36	J_6: 3.93
4289	$v_\beta = 0.5$	J_5: 4.45	J_6: 3.45
4289	$v_\beta = 0.8$	J_5: 3.3	J_6: 2.5
4289	$v_\gamma = [0.1, 0.5]$	J_5: 3.27	J_6: 3.36
4289	$v_\gamma = [0.3, 0.7]$	J_5: 1.43	J_6: 3
4289	$v_\gamma = [0.5, 0.9]$	J_5: 3.78	J_6: 2.44
4299	$v_\alpha = [0.25, 0.45]$	J_3: 2.71	J_6: 2.43
4299	$v_\alpha = [0.45, 0.65]$	J_3: 2.89	J_6: 4.39
4299	$v_\alpha = [0.65, 0.85]$	J_3: 3.03	J_6: 4.37
4299	$v_\beta = 0.2$	J_3: 3.38	J_6: 4.38
4299	$v_\beta = 0.5$	J_3: 3.38	J_6: 3.08
4299	$v_\beta = 0.8$	J_3: 2.5	J_6: 4.5
4299	$v_\gamma = [0.1, 0.5]$	J_3: 4.1	J_6: 3.7
4299	$v_\gamma = [0.3, 0.7]$	J_3: 4.55	J_6: 2.55
4299	$v_\gamma = [0.5, 0.9]$	J_3: 4	J_6: 2.9
4315	$v_\alpha = [0.25, 0.45]$	J_3: 4.12	J_6: 3.62
4315	$v_\alpha = [0.45, 0.65]$	J_3: 4.5	J_6: 1
4315	$v_\alpha = [0.65, 0.85]$	J_3: 3.5	J_6: 3.38
4315	$v_\beta = 0.2$	J_3: 3.53	J_6: 3.82
4315	$v_\beta = 0.5$	J_3: 2.79	J_6: 2.71
4315	$v_\beta = 0.8$	J_3: 3.71	J_6: 3.29
4315	$v_\gamma = [0.1, 0.5]$	J_3: 4	J_6: 3.23
4315	$v_\gamma = [0.3, 0.7]$	J_3: 3.33	J_6: 4
4315	$v_\gamma = [0.5, 0.9]$	J_3: 3.31	J_6: 3.88

4316	$v_\alpha = [0.25, 0.45]$	J_5: 3.12	J_2, J_3: 4.19, 4.19
4316	$v_\alpha = [0.45, 0.65]$	J_5: 2.64	J_2, J_3: 3.18, 3.18
4316	$v_\alpha = [0.65, 0.85]$	J_5: 2.38	J_2, J_3: 3.34, 3.34
4316	$v_\beta = 0.2$	J_5: 1.22	J_2, J_3: 4.22, 4.22
4316	$v_\beta = 0.5$	J_5: 3.67	J_2, J_3: 4.11, 4.11
4316	$v_\beta = 0.8$	J_5: 2.9	J_2, J_3: 3.15, 3.15
4316	$v_\gamma = [0.1, 0.5]$	J_5: 3.83	J_2, J_3: 4.33, 4.33
4316	$v_\gamma = [0.3, 0.7]$	J_5: 3.25	J_2, J_3: 3.88, 3.88
4316	$v_\gamma = [0.5, 0.9]$	J_5: 4.33	J_2, J_3: 3, 3
4317	$v_\alpha = [0.25, 0.45]$	J_2: 3.2	J_6: 4.4
4317	$v_\alpha = [0.45, 0.65]$	J_2: 3.75	J_6: 4
4317	$v_\alpha = [0.65, 0.85]$	J_2: 2.48	J_6: 4.57
4317	$v_\beta = 0.2$	J_2: 4.61	J_6: 2.11
4317	$v_\beta = 0.5$	J_2: 2.79	J_6: 3.79
4317	$v_\beta = 0.8$	J_2: 3.67	J_6: 2.9
4317	$v_\gamma = [0.1, 0.5]$	J_2: 3.06	J_6: 4.71
4317	$v_\gamma = [0.3, 0.7]$	J_2: 3.58	J_6: 3.08
4317	$v_\gamma = [0.5, 0.9]$	J_2: 3.71	J_6: 2.57
4318	$v_\alpha = [0.25, 0.45]$	J_2: 3.45	J_1, J_4: 3.55, 3.55
4318	$v_\alpha = [0.45, 0.65]$	J_2: 2.56	J_1, J_4: 3.44, 3.44
4318	$v_\alpha = [0.65, 0.85]$	J_2: 3	J_1, J_4: 3.83, 3.83
4318	$v_\beta = 0.2$	J_2: 3.29	J_1, J_4: 3.57, 3.57
4318	$v_\beta = 0.5$	J_2: 3.58	J_1, J_4: 3.58, 3.58
4318	$v_\beta = 0.8$	J_2: 3	J_1, J_4: 3.91, 3.91
4318	$v_\gamma = [0.1, 0.5]$	J_2: 2.21	J_1, J_4: 3.68, 3.68
4318	$v_\gamma = [0.3, 0.7]$	J_2: 3.6	J_1, J_4: 3.3, 3.3
4318	$v_\gamma = [0.5, 0.9]$	J_2: 3.6	J_1, J_4: 3.1, 3.1
4347	$v_\alpha = [0.25, 0.45]$	J_5: 5.29	J_3: 2.57
4347	$v_\alpha = [0.45, 0.65]$	J_5: 2.2	J_3: 2.4
4347	$v_\alpha = [0.65, 0.85]$	J_5: 3.41	J_3: 3.29
4347	$v_\beta = 0.2$	J_5: 4.14	J_3: 2.43
4347	$v_\beta = 0.5$	J_5: 3.31	J_3: 3.38
4347	$v_\beta = 0.8$	J_5: 3.58	J_3: 3.25
4347	$v_\gamma = [0.1, 0.5]$	J_5: 4.55	J_3: 2.55
4347	$v_\gamma = [0.3, 0.7]$	J_5: 4.83	J_3: 3.25
4347	$v_\gamma = [0.5, 0.9]$	J_5: 3.91	J_3: 2
4349	$v_\alpha = [0.25, 0.45]$	J_1, J_2, J_4: 3, 3, 3	J_5: 4.56

4349	$v_\alpha = [0.45, 0.65]$	J_1, J_2, J_4: 3.67, 3.67, 3.67	J_5: 2.88
4349	$v_\alpha = [0.65, 0.85]$	J_1, J_2, J_4: 3.06, 3.06, 3.06	J_5: 4.52
4349	$v_\beta = 0.2$	J_1, J_2, J_4: 3.05, 3.05, 3.05	J_5: 4
4349	$v_\beta = 0.5$	J_1, J_2, J_4: 3.33, 3.33, 3.33	J_5: 4.33
4349	$v_\beta = 0.8$	J_1, J_2, J_4: 3.58, 3.58, 3.58	J_5: 3.91
4349	$v_\gamma = [0.1, 0.5]$	J_1, J_2, J_4: 3.42, 3.42, 3.42	J_5: 3
4349	$v_\gamma = [0.3, 0.7]$	J_1, J_2, J_4: 3.57, 3.57, 3.57	J_5: 2.29
4349	$v_\gamma = [0.5, 0.9]$	J_1, J_2, J_4: 3.52, 3.52, 3.52	J_5: 2.29
4356	$v_\alpha = [0.25, 0.45]$	J_1, J_4: 2.96, 2.96	J_5: 3.31
4356	$v_\alpha = [0.45, 0.65]$	J_1, J_4: 3.29, 3.29	J_5: 2.17
4356	$v_\alpha = [0.65, 0.85]$	J_1, J_4: 3.56, 3.56	J_5: 1.22
4356	$v_\beta = 0.2$	J_1, J_4: 3.33, 3.33	J_5: 3.56
4356	$v_\beta = 0.5$	J_1, J_4: 2.17, 2.17	J_5: 4.67
4356	$v_\beta = 0.8$	J_1, J_4: 3.05, 3.05	J_5: 3.32
4356	$v_\gamma = [0.1, 0.5]$	J_1, J_4: 3.14, 3.14	J_5: 3.55
4356	$v_\gamma = [0.3, 0.7]$	J_1, J_4: 3.39, 3.39	J_5: 3.43
4356	$v_\gamma = [0.5, 0.9]$	J_1, J_4: 2.6, 2.6	J_5: 3.48
4357	$v_\alpha = [0.25, 0.45]$	J_5: 4.5	J_1: 2.5
4357	$v_\alpha = [0.45, 0.65]$	J_5: 2.57	J_1: 4.29
4357	$v_\alpha = [0.65, 0.85]$	J_5: 3	J_1: 3.64
4357	$v_\beta = 0.2$	J_5: 3.5	J_1: 3
4357	$v_\beta = 0.5$	J_5: 4.11	J_1: 1.44
4357	$v_\beta = 0.8$	J_5: 3.18	J_1: 2.55
4357	$v_\gamma = [0.1, 0.5]$	J_5: 3	J_1: 2
4357	$v_\gamma = [0.3, 0.7]$	J_5: 1.27	J_1: 3.45
4357	$v_\gamma = [0.5, 0.9]$	J_5: 3.25	J_1: 2.62