Komplette Tabelle der durchschnittlichen Jobpositionen jeder Instanz mit dynamischem intermediate Buffer aus 71 verschiedenen Seeds

Seed	Variation	kl.JobPosAvg	gr.JobPosAvg
10115	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_2: 4
10115	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_2: 4
10115	$v_\alpha = [0.65, 0.85]$	J_1: 5	J_2: 6
10115	$v_\beta = 0.2$	J_1: 1.23	J_2: 4.05
10115	$v_\beta = 0.5$	J_1: 1	J_2: 4
10115	$v_\beta = 0.8$	J_1: 1	J_2: 4
10115	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_2: 4
10115	$v_\gamma = [0.3, 0.7]$	J_1: 5	J_2: 6
10115	$v_\gamma = [0.5, 0.9]$	J_1: 5	J_2: 6
10117	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_4, J_6: 4, 4
10117	$v_\alpha = [0.45, 0.65]$	J_2: 1	J_4, J_6: 4, 4
10117	$v_\alpha = [0.65, 0.85]$	J_2: 3	J_4, J_6: 3.25, 3.25
10117	$v_\beta = 0.2$	J_2: 3	J_4, J_6: 5.5, 5.5
10117	$v_\beta = 0.5$	J_2: 1	J_4, J_6: 4, 4
10117	$v_\beta = 0.8$	J_2: 1	J_4, J_6: 4, 4
10117	$v_\gamma = [0.1, 0.5]$	J_2: 1	J_4, J_6: 4, 4
10117	$v_\gamma = [0.3, 0.7]$	J_2: 3	J_4, J_6: 4.17, 4.17
10117	$v_\gamma = [0.5, 0.9]$	J_2: 3	J_4, J_6: 4.17, 4.17
10119	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_1, J_5: 4, 4
10119	$v_\alpha = [0.45, 0.65]$	J_6: 1.09	J_1, J_5: 4, 4
10119	$v_\alpha = [0.65, 0.85]$	J_6: 2	J_1, J_5: 4, 4
10119	$v_\beta = 0.2$	J_6: 5	J_1, J_5: 4.5, 4.5
10119	$v_\beta = 0.5$	J_6: 1	J_1, J_5: 4, 4
10119	$v_\beta = 0.8$	J_6: 1	J_1, J_5: 4, 4
10119	$v_\gamma = [0.1, 0.5]$	J_6: 2	J_1, J_5: 4, 4
10119	$v_\gamma = [0.3, 0.7]$	J_6: 2	J_1, J_5: 4, 4
10119	$v_\gamma = [0.5, 0.9]$	J_6: 2	J_1, J_5: 4, 4
10176	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\beta = 0.2$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\beta = 0.5$	J_3: 1	J_1, J_6: 4, 4

10176	$v_\beta = 0.8$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_1, J_6: 4, 4
10176	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_1, J_6: 4, 4
10178	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\alpha = [0.65, 0.85]$	J_5: 2.5	J_1, J_6: 3.94, 3.94
10178	$v_\beta = 0.2$	J_5: 4	J_1, J_6: 4.62, 4.62
10178	$v_\beta = 0.5$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\beta = 0.8$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1, J_6: 4, 4
10178	$v_\gamma = [0.5, 0.9]$	J_5: 4.75	J_1, J_6: 4.31, 4.31
10179	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_2: 4
10179	$v_\alpha = [0.45, 0.65]$	J_6: 1	J_2: 4
10179	$v_\alpha = [0.65, 0.85]$	J_6: 4.6	J_2: 4.6
10179	$v_\beta = 0.2$	J_6: 1	J_2: 5
10179	$v_\beta = 0.5$	J_6: 1	J_2: 4
10179	$v_\beta = 0.8$	J_6: 1	J_2: 4
10179	$v_\gamma = [0.1, 0.5]$	J_6: 1	J_2: 4
10179	$v_\gamma = [0.3, 0.7]$	J_6: 5	J_2: 6
10179	$v_\gamma = [0.5, 0.9]$	J_6: 5	J_2: 6
10243	$v_\alpha = [0.25, 0.45]$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10243	$v_\alpha = [0.45, 0.65]$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10243	$v_\alpha = [0.65, 0.85]$	J_1, J_5: 2.43, 2.43	J_3, J_4, J_6: 4.43, 4.43, 4.43
10243	$v_\beta = 0.2$	J_1, J_5: 2.55, 2.55	J_3, J_4, J_6: 3.95, 3.95, 3.95
10243	$v_\beta = 0.5$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4.5, 4.5, 4.5
10243	$v_\beta = 0.8$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10243	$v_\gamma = [0.1, 0.5]$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10243	$v_\gamma = [0.3, 0.7]$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10243	$v_\gamma = [0.5, 0.9]$	J_1, J_5: 2.5, 2.5	J_3, J_4, J_6: 4, 4, 4
10245	$v_\alpha = [0.25, 0.45]$	J_5: 2.33	J_2: 4
10245	$v_\alpha = [0.45, 0.65]$	J_5: 2.58	J_2: 4.17
10245	$v_\alpha = [0.65, 0.85]$	J_5: 2.5	J_2: 3.5
10245	$v_\beta = 0.2$	J_5: 2.78	J_2: 5.33
10245	$v_\beta = 0.5$	J_5: 3.4	J_2: 4.4
10245	$v_\beta = 0.8$	J_5: 4	J_2: 5

10245	$v_\gamma = [0.1, 0.5]$	J_5: 1.2	J_2: 4
10245	$v_\gamma = [0.3, 0.7]$	J_5: 1.2	J_2: 4
10245	$v_\gamma = [0.5, 0.9]$	J_5: 3	J_2: 4
10247	$v_\alpha = [0.25, 0.45]$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\alpha = [0.45, 0.65]$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\alpha = [0.65, 0.85]$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\beta = 0.2$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\beta = 0.5$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\beta = 0.8$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\gamma = [0.1, 0.5]$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\gamma = [0.3, 0.7]$	J_5, J_6: 2.5, 2.5	J_2: 4
10247	$v_\gamma = [0.5, 0.9]$	J_5, J_6: 2.5, 2.5	J_2: 4
10249	$v_\alpha = [0.25, 0.45]$	J_1: 5	J_4, J_5, J_6: 4, 4, 4
10249	$v_\alpha = [0.45, 0.65]$	J_1: 2.33	J_4, J_5, J_6: 4.11, 4.11, 4.11
10249	$v_\alpha = [0.65, 0.85]$	J_1: 2.8	J_4, J_5, J_6: 3.96, 3.96, 3.96
10249	$v_\beta = 0.2$	J_1: 2.5	J_4, J_5, J_6: 4.5, 4.5, 4.5
10249	$v_\beta = 0.5$	J_1: 3.4	J_4, J_5, J_6: 4.33, 4.33, 4.33
10249	$v_\beta = 0.8$	J_1: 4	J_4, J_5, J_6: 3.33, 3.33, 3.33
10249	$v_\gamma = [0.1, 0.5]$	J_1: 3	J_4, J_5, J_6: 4, 4, 4
10249	$v_\gamma = [0.3, 0.7]$	J_1: 3	J_4, J_5, J_6: 4, 4, 4
10249	$v_\gamma = [0.5, 0.9]$	J_1: 3.14	J_4, J_5, J_6: 3.9, 3.9, 3.9
10315	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_6: 4.12
10315	$v_\alpha = [0.45, 0.65]$	J_2: 5	J_6: 6
10315	$v_\alpha = [0.65, 0.85]$	J_2: 1	J_6: 6
10315	$v_\beta = 0.2$	J_2: 1	J_6: 4
10315	$v_\beta = 0.5$	J_2: 1.67	J_6: 2
10315	$v_\beta = 0.8$	J_2: 1	J_6: 6
10315	$v_\gamma = [0.1, 0.5]$	J_2: 5	J_6: 6
10315	$v_\gamma = [0.3, 0.7]$	J_2: 5	J_6: 6
10315	$v_\gamma = [0.5, 0.9]$	J_2: 5	J_6: 6
10317	$v_\alpha = [0.25, 0.45]$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4.11, 4.11, 4.11
10317	$v_\alpha = [0.45, 0.65]$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4.5, 4.5, 4.5
10317	$v_\alpha = [0.65, 0.85]$	J_2, J_3: 2.8, 2.8	J_1, J_4, J_6: 4.27, 4.27, 4.27
10317	$v_\beta = 0.2$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4, 4, 4
10317	$v_\beta = 0.5$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4, 4, 4
10317	$v_\beta = 0.8$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4, 4, 4
10317	$v_\gamma = [0.1, 0.5]$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4.11, 4.11, 4.11

10317	$v_\gamma = [0.3, 0.7]$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4.11, 4.11, 4.11
10317	$v_\gamma = [0.5, 0.9]$	J_2, J_3: 2.5, 2.5	J_1, J_4, J_6: 4.11, 4.11, 4.11
10318	$v_\alpha = [0.25, 0.45]$	J_4: 1	J_6: 4
10318	$v_\alpha = [0.45, 0.65]$	J_4: 1	J_6: 4
10318	$v_\alpha = [0.65, 0.85]$	J_4: 1	J_6: 4
10318	$v_\beta = 0.2$	J_4: 1	J_6: 4
10318	$v_\beta = 0.5$	J_4: 5	J_6: 6
10318	$v_\beta = 0.8$	J_4: 1	J_6: 4
10318	$v_\gamma = [0.1, 0.5]$	J_4: 1	J_6: 4
10318	$v_\gamma = [0.3, 0.7]$	J_4: 1	J_6: 4
10318	$v_\gamma = [0.5, 0.9]$	J_4: 1	J_6: 4
10319	$v_\alpha = [0.25, 0.45]$	J_5: 1.19	J_1: 4.1
10319	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1: 4
10319	$v_\alpha = [0.65, 0.85]$	J_5: 1.19	J_1: 4.1
10319	$v_\beta = 0.2$	J_5: 1	J_1: 4
10319	$v_\beta = 0.5$	J_5: 1	J_1: 4
10319	$v_\beta = 0.8$	J_5: 1	J_1: 4
10319	$v_\gamma = [0.1, 0.5]$	J_5: 1.32	J_1: 4.14
10319	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1: 5.5
10319	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1: 5.5
10365	$v_\alpha = [0.25, 0.45]$	J_1, J_6: 2.21, 2.21	J_4, J_5: 4.36, 4.36
10365	$v_\alpha = [0.45, 0.65]$	J_1, J_6: 2.17, 2.17	J_4, J_5: 4, 4
10365	$v_\alpha = [0.65, 0.85]$	J_1, J_6: 3, 3	J_4, J_5: 4.25, 4.25
10365	$v_\beta = 0.2$	J_1, J_6: 2.44, 2.44	J_4, J_5: 4.11, 4.11
10365	$v_\beta = 0.5$	J_1, J_6: 2.61, 2.61	J_4, J_5: 3.89, 3.89
10365	$v_\beta = 0.8$	J_1, J_6: 2.75, 2.75	J_4, J_5: 3.8, 3.8
10365	$v_\gamma = [0.1, 0.5]$	J_1, J_6: 3.5, 3.5	J_4, J_5: 5, 5
10365	$v_\gamma = [0.3, 0.7]$	J_1, J_6: 3.5, 3.5	J_4, J_5: 5, 5
10365	$v_\gamma = [0.5, 0.9]$	J_1, J_6: 3.5, 3.5	J_4, J_5: 5, 5
10367	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_2, J_6: 4, 4
10367	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_2, J_6: 4, 4
10367	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_2, J_6: 4, 4
10367	$v_\beta = 0.2$	J_1: 1.09	J_2, J_6: 3.82, 3.82
10367	$v_\beta = 0.5$	J_1: 2.14	J_2, J_6: 4.07, 4.07
10367	$v_\beta = 0.8$	J_1: 1	J_2, J_6: 4, 4
10367	$v_\gamma = [0.1, 0.5]$	J_1: 1.29	J_2, J_6: 3.86, 3.86
10367	$v_\gamma = [0.3, 0.7]$	J_1: 1.29	J_2, J_6: 3.86, 3.86

10367	$v_\gamma = [0.5, 0.9]$	J_1: 1.29	J_2, J_6: 3.86, 3.86
10369	$v_\alpha = [0.25, 0.45]$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\alpha = [0.45, 0.65]$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\alpha = [0.65, 0.85]$	J_2, J_4: 2.5, 2.5	J_1: 4.25
10369	$v_\beta = 0.2$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\beta = 0.5$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\beta = 0.8$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\gamma = [0.1, 0.5]$	J_2, J_4: 2.5, 2.5	J_1: 4
10369	$v_\gamma = [0.3, 0.7]$	J_2, J_4: 3, 3	J_1: 6
10369	$v_\gamma = [0.5, 0.9]$	J_2, J_4: 3, 3	J_1: 6
10405	$v_\alpha = [0.25, 0.45]$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\alpha = [0.45, 0.65]$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\alpha = [0.65, 0.85]$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\beta = 0.2$	J_3, J_5: 2.5, 2.5	J_6: 3.93
10405	$v_\beta = 0.5$	J_3, J_5: 2.25, 2.25	J_6: 4.12
10405	$v_\beta = 0.8$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\gamma = [0.1, 0.5]$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\gamma = [0.3, 0.7]$	J_3, J_5: 2.5, 2.5	J_6: 4
10405	$v_\gamma = [0.5, 0.9]$	J_3, J_5: 2.5, 2.5	J_6: 4
10407	$v_\alpha = [0.25, 0.45]$	J_4: 1.36	J_5, J_6: 4.05, 4.05
10407	$v_\alpha = [0.45, 0.65]$	J_4: 2.88	J_5, J_6: 4, 4
10407	$v_\alpha = [0.65, 0.85]$	J_4: 2.5	J_5, J_6: 2.5, 2.5
10407	$v_\beta = 0.2$	J_4: 1.67	J_5, J_6: 3.25, 3.25
10407	$v_\beta = 0.5$	J_4: 1.06	J_5, J_6: 4.02, 4.02
10407	$v_\beta = 0.8$	J_4: 4	J_5, J_6: 4.33, 4.33
10407	$v_\gamma = [0.1, 0.5]$	J_4: 1	J_5, J_6: 4.5, 4.5
10407	$v_\gamma = [0.3, 0.7]$	J_4: 1	J_5, J_6: 4.5, 4.5
10407	$v_\gamma = [0.5, 0.9]$	J_4: 1	J_5, J_6: 4.5, 4.5
10409	$v_\alpha = [0.25, 0.45]$	J_2: 2.5	J_3, J_4, J_5: 4.17, 4.17, 4.17
10409	$v_\alpha = [0.45, 0.65]$	J_2: 2.5	J_3, J_4, J_5: 4.17, 4.17, 4.17
10409	$v_\alpha = [0.65, 0.85]$	J_2: 3	J_3, J_4, J_5: 4.25, 4.25, 4.25
10409	$v_\beta = 0.2$	J_2: 1	J_3, J_4, J_5: 4, 4, 4
10409	$v_\beta = 0.5$	J_2: 1	J_3, J_4, J_5: 5, 5, 5
10409	$v_\beta = 0.8$	J_2: 3	J_3, J_4, J_5: 4.67, 4.67, 4.67
10409	$v_\gamma = [0.1, 0.5]$	J_2: 2.5	J_3, J_4, J_5: 4.17, 4.17, 4.17
10409	$v_\gamma = [0.3, 0.7]$	J_2: 3.5	J_3, J_4, J_5: 4.33, 4.33, 4.33
10409	$v_\gamma = [0.5, 0.9]$	J_2: 3.5	J_3, J_4, J_5: 4.33, 4.33, 4.33

10435	$v_\alpha = [0.25, 0.45]$	J_2: 5	J_4: 6
10435	$v_\alpha = [0.45, 0.65]$	J_2: 4.2	J_4: 5.2
10435	$v_\alpha = [0.65, 0.85]$	J_2: 4	J_4: 5
10435	$v_\beta = 0.2$	J_2: 1	J_4: 4
10435	$v_\beta = 0.5$	J_2: 2	J_4: 4
10435	$v_\beta = 0.8$	J_2: 3.33	J_4: 5.67
10435	$v_\gamma = [0.1, 0.5]$	J_2: 3	J_4: 4
10435	$v_\gamma = [0.3, 0.7]$	J_2: 3	J_4: 4
10435	$v_\gamma = [0.5, 0.9]$	J_2: 3	J_4: 4
10437	$v_\alpha = [0.25, 0.45]$	J_4: 1.62	J_5: 4
10437	$v_\alpha = [0.45, 0.65]$	J_4: 3.29	J_5: 3.86
10437	$v_\alpha = [0.65, 0.85]$	J_4: 2	J_5: 5
10437	$v_\beta = 0.2$	J_4: 1	J_5: 4.83
10437	$v_\beta = 0.5$	J_4: 2	J_5: 3
10437	$v_\beta = 0.8$	J_4: 2.86	J_5: 5.79
10437	$v_\gamma = [0.1, 0.5]$	J_4: 5	J_5: 4.5
10437	$v_\gamma = [0.3, 0.7]$	J_4: 5	J_5: 4.5
10437	$v_\gamma = [0.5, 0.9]$	J_4: 5	J_5: 4.5
10439	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_5: 4
10439	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_5: 4
10439	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_5: 4
10439	$v_\beta = 0.2$	J_3: 1	J_5: 4
10439	$v_\beta = 0.5$	J_3: 1	J_5: 4
10439	$v_\beta = 0.8$	J_3: 1	J_5: 4
10439	$v_\gamma = [0.1, 0.5]$	J_3: 1.43	J_5: 3.86
10439	$v_\gamma = [0.3, 0.7]$	J_3: 1.43	J_5: 3.86
10439	$v_\gamma = [0.5, 0.9]$	J_3: 1.43	J_5: 3.86
10551	$v_\alpha = [0.25, 0.45]$	J_3: 5	J_2: 4.5
10551	$v_\alpha = [0.45, 0.65]$	J_3: 4	J_2: 2.5
10551	$v_\alpha = [0.65, 0.85]$	J_3: 4	J_2: 4.25
10551	$v_\beta = 0.2$	J_3: 1	J_2: 5.5
10551	$v_\beta = 0.5$	J_3: 1	J_2: 4
10551	$v_\beta = 0.8$	J_3: 4	J_2: 5
10551	$v_\gamma = [0.1, 0.5]$	J_3: 2	J_2: 4.67
10551	$v_\gamma = [0.3, 0.7]$	J_3: 2	J_2: 4.67
10551	$v_\gamma = [0.5, 0.9]$	J_3: 2	J_2: 3
18055	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33

18055	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33
18055	$v_\alpha = [0.65, 0.85]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33
18055	$v_\beta = 0.2$	J_5: 2.5	J_1, J_3, J_4: 3.33, 3.33, 3.33
18055	$v_\beta = 0.5$	J_5: 1	J_1, J_3, J_4: 4, 4, 4
18055	$v_\beta = 0.8$	J_5: 2	J_1, J_3, J_4: 4.33, 4.33, 4.33
18055	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33
18055	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33
18055	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1, J_3, J_4: 4.33, 4.33, 4.33
18057	$v_\alpha = [0.25, 0.45]$	J_6: 5	J_3: 6
18057	$v_\alpha = [0.45, 0.65]$	J_6: 5	J_3: 6
18057	$v_\alpha = [0.65, 0.85]$	J_6: 4	J_3: 5
18057	$v_\beta = 0.2$	J_6: 1	J_3: 3.93
18057	$v_\beta = 0.5$	J_6: 3.5	J_3: 4.5
18057	$v_\beta = 0.8$	J_6: 4.5	J_3: 5.5
18057	$v_\gamma = [0.1, 0.5]$	J_6: 5	J_3: 6
18057	$v_\gamma = [0.3, 0.7]$	J_6: 4	J_3: 5
18057	$v_\gamma = [0.5, 0.9]$	J_6: 4.5	J_3: 5.5
18059	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_2: 4
18059	$v_\alpha = [0.45, 0.65]$	J_6: 1	J_2: 4
18059	$v_\alpha = [0.65, 0.85]$	J_6: 5	J_2: 6
18059	$v_\beta = 0.2$	J_6: 2.14	J_2: 3.74
18059	$v_\beta = 0.5$	J_6: 1.1	J_2: 4.02
18059	$v_\beta = 0.8$	J_6: 1	J_2: 4
18059	$v_\gamma = [0.1, 0.5]$	J_6: 5	J_2: 6
18059	$v_\gamma = [0.3, 0.7]$	J_6: 5	J_2: 6
18059	$v_\gamma = [0.5, 0.9]$	J_6: 5	J_2: 6
18069	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_1: 4
18069	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1: 4
18069	$v_\alpha = [0.65, 0.85]$	J_5: 1.05	J_1: 3.95
18069	$v_\beta = 0.2$	J_5: 1	J_1: 3.95
18069	$v_\beta = 0.5$	J_5: 1	J_1: 3
18069	$v_\beta = 0.8$	J_5: 1	J_1: 4
18069	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_1: 4
18069	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1: 4
18069	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1: 4
18106	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_2, J_6: 4, 4
18106	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_2, J_6: 4, 4

18106	$v_\alpha = [0.65, 0.85]$	J_3: 4	J_2, J_6: 5.5, 5.5
18106	$v_\beta = 0.2$	J_3: 1	J_2, J_6: 4.67, 4.67
18106	$v_\beta = 0.5$	J_3: 4	J_2, J_6: 5.5, 5.5
18106	$v_\beta = 0.8$	J_3: 1	J_2, J_6: 4, 4
18106	$v_\gamma = [0.1, 0.5]$	J_3: 2	J_2, J_6: 4, 4
18106	$v_\gamma = [0.3, 0.7]$	J_3: 2.5	J_2, J_6: 4.38, 4.38
18106	$v_\gamma = [0.5, 0.9]$	J_3: 2.5	J_2, J_6: 4.38, 4.38
18107	$v_\alpha = [0.25, 0.45]$	J_3: 5	J_1: 6
18107	$v_\alpha = [0.45, 0.65]$	J_3: 1.19	J_1: 4.1
18107	$v_\alpha = [0.65, 0.85]$	J_3: 2.5	J_1: 5.5
18107	$v_\beta = 0.2$	J_3: 1	J_1: 4
18107	$v_\beta = 0.5$	J_3: 1	J_1: 4
18107	$v_\beta = 0.8$	J_3: 1	J_1: 4
18107	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_1: 6
18107	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_1: 6
18107	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_1: 6
18109	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_1, J_3: 4.5, 4.5
18109	$v_\alpha = [0.45, 0.65]$	J_6: 1	J_1, J_3: 4.33, 4.33
18109	$v_\alpha = [0.65, 0.85]$	J_6: 1	J_1, J_3: 4.33, 4.33
18109	$v_\beta = 0.2$	J_6: 1.21	J_1, J_3: 3.88, 3.88
18109	$v_\beta = 0.5$	J_6: 1	J_1, J_3: 5, 5
18109	$v_\beta = 0.8$	J_6: 1	J_1, J_3: 3.75, 3.75
18109	$v_\gamma = [0.1, 0.5]$	J_6: 1	J_1, J_3: 4.5, 4.5
18109	$v_\gamma = [0.3, 0.7]$	J_6: 1	J_1, J_3: 4.5, 4.5
18109	$v_\gamma = [0.5, 0.9]$	J_6: 1	J_1, J_3: 4.5, 4.5
18119	$v_\alpha = [0.25, 0.45]$	J_5, J_6: 1.5, 1.5	J_2: 3
18119	$v_\alpha = [0.45, 0.65]$	J_5, J_6: 1.5, 1.5	J_2: 3
18119	$v_\alpha = [0.65, 0.85]$	J_5, J_6: 1.5, 1.5	J_2: 3
18119	$v_\beta = 0.2$	J_5, J_6: 2.5, 2.5	J_2: 4
18119	$v_\beta = 0.5$	J_5, J_6: 2.5, 2.5	J_2: 4
18119	$v_\beta = 0.8$	J_5, J_6: 2.5, 2.5	J_2: 4
18119	$v_\gamma = [0.1, 0.5]$	J_5, J_6: 1.5, 1.5	J_2: 3
18119	$v_\gamma = [0.3, 0.7]$	J_5, J_6: 1.5, 1.5	J_2: 3
18119	$v_\gamma = [0.5, 0.9]$	J_5, J_6: 1.5, 1.5	J_2: 3
18146	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_2: 4
18146	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_2: 4
18146	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_2: 4

18146	$v_\beta = 0.2$	J_1: 1	J_2: 4
18146	$v_\beta = 0.5$	J_1: 1	J_2: 4
18146	$v_\beta = 0.8$	J_1: 1	J_2: 4
18146	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_2: 4
18146	$v_\gamma = [0.3, 0.7]$	J_1: 1	J_2: 4
18146	$v_\gamma = [0.5, 0.9]$	J_1: 1	J_2: 4
18147	$v_\alpha = [0.25, 0.45]$	J_4: 1.23	J_1: 3.95
18147	$v_\alpha = [0.45, 0.65]$	J_4: 1.5	J_1: 4
18147	$v_\alpha = [0.65, 0.85]$	J_4: 3	J_1: 4.75
18147	$v_\beta = 0.2$	J_4: 1	J_1: 4
18147	$v_\beta = 0.5$	J_4: 2	J_1: 3
18147	$v_\beta = 0.8$	J_4: 3	J_1: 4
18147	$v_\gamma = [0.1, 0.5]$	J_4: 1	J_1: 5
18147	$v_\gamma = [0.3, 0.7]$	J_4: 1	J_1: 5
18147	$v_\gamma = [0.5, 0.9]$	J_4: 1	J_1: 5
18181	$v_\alpha = [0.25, 0.45]$	J_1: 4	J_2: 5
18181	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_2: 5
18181	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_2: 5
18181	$v_\beta = 0.2$	J_1: 1.08	J_2: 3.83
18181	$v_\beta = 0.5$	J_1: 1	J_2: 5
18181	$v_\beta = 0.8$	J_1: 1.06	J_2: 4.14
18181	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_2: 4.6
18181	$v_\gamma = [0.3, 0.7]$	J_1: 1	J_2: 4.6
18181	$v_\gamma = [0.5, 0.9]$	J_1: 1	J_2: 4.6
18182	$v_\alpha = [0.25, 0.45]$	J_2, J_3: 2.5, 2.5	J_4, J_6: 4, 4
18182	$v_\alpha = [0.45, 0.65]$	J_2, J_3: 3, 3	J_4, J_6: 3, 3
18182	$v_\alpha = [0.65, 0.85]$	J_2, J_3: 3, 3	J_4, J_6: 4.5, 4.5
18182	$v_\beta = 0.2$	J_2, J_3: 3, 3	J_4, J_6: 4.5, 4.5
18182	$v_\beta = 0.5$	J_2, J_3: 2.17, 2.17	J_4, J_6: 4.08, 4.08
18182	$v_\beta = 0.8$	J_2, J_3: 3, 3	J_4, J_6: 4.5, 4.5
18182	$v_\gamma = [0.1, 0.5]$	J_2, J_3: 2.5, 2.5	J_4, J_6: 4, 4
18182	$v_\gamma = [0.3, 0.7]$	J_2, J_3: 2.5, 2.5	J_4, J_6: 4, 4
18182	$v_\gamma = [0.5, 0.9]$	J_2, J_3: 2.5, 2.5	J_4, J_6: 4, 4
18184	$v_\alpha = [0.25, 0.45]$	J_4: 1	J_2: 4
18184	$v_\alpha = [0.45, 0.65]$	J_4: 1	J_2: 4
18184	$v_\alpha = [0.65, 0.85]$	J_4: 5	J_2: 6
18184	$v_\beta = 0.2$	J_4: 1	J_2: 3

18184	$v_\beta = 0.5$	J_4: 1	J_2: 4
18184	$v_\beta = 0.8$	J_4: 1	J_2: 4
18184	$v_\gamma = [0.1, 0.5]$	J_4: 1	J_2: 4
18184	$v_\gamma = [0.3, 0.7]$	J_4: 4.12	J_2: 5.12
18184	$v_\gamma = [0.5, 0.9]$	J_4: 3.6	J_2: 4.6
18195	$v_\alpha = [0.25, 0.45]$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\alpha = [0.45, 0.65]$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\alpha = [0.65, 0.85]$	J_4: 5	J_1, J_5, J_6: 4, 4, 4
18195	$v_\beta = 0.2$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\beta = 0.5$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\beta = 0.8$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\gamma = [0.1, 0.5]$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\gamma = [0.3, 0.7]$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
18195	$v_\gamma = [0.5, 0.9]$	J_4: 1	J_1, J_5, J_6: 4, 4, 4
4103	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_1, J_5: 4.33, 4.33
4103	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_1, J_5: 4.33, 4.33
4103	$v_\alpha = [0.65, 0.85]$	J_3: 1.75	J_1, J_5: 4.38, 4.38
4103	$v_\beta = 0.2$	J_3: 1.1	J_1, J_5: 4.05, 4.05
4103	$v_\beta = 0.5$	J_3: 1.17	J_1, J_5: 4.08, 4.08
4103	$v_\beta = 0.8$	J_3: 1.67	J_1, J_5: 3.25, 3.25
4103	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_1, J_5: 4.33, 4.33
4103	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_1, J_5: 4.33, 4.33
4103	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_1, J_5: 4.33, 4.33
4105	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_1, J_4: 4, 4
4105	$v_\alpha = [0.45, 0.65]$	J_2: 3	J_1, J_4: 3.88, 3.88
4105	$v_\alpha = [0.65, 0.85]$	J_2: 3	J_1, J_4: 4.17, 4.17
4105	$v_\beta = 0.2$	J_2: 1	J_1, J_4: 2.88, 2.88
4105	$v_\beta = 0.5$	J_2: 1.8	J_1, J_4: 4.04, 4.04
4105	$v_\beta = 0.8$	J_2: 1	J_1, J_4: 4, 4
4105	$v_\gamma = [0.1, 0.5]$	J_2: 3	J_1, J_4: 4.17, 4.17
4105	$v_\gamma = [0.3, 0.7]$	J_2: 3	J_1, J_4: 4.17, 4.17
4105	$v_\gamma = [0.5, 0.9]$	J_2: 3	J_1, J_4: 4.17, 4.17
4107	$v_\alpha = [0.25, 0.45]$	J_1: 4	J_5: 6
4107	$v_\alpha = [0.45, 0.65]$	J_1: 4	J_5: 2.5
4107	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_5: 4.25
4107	$v_\beta = 0.2$	J_1: 1	J_5: 4.75
4107	$v_\beta = 0.5$	J_1: 3.29	J_5: 4.21

4107	$v_\beta = 0.8$	J_1: 3	J_5: 5
4107	$v_\gamma = [0.1, 0.5]$	J_1: 4	J_5: 6
4107	$v_\gamma = [0.3, 0.7]$	J_1: 4	J_5: 6
4107	$v_\gamma = [0.5, 0.9]$	J_1: 2.75	J_5: 5.12
4109	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\beta = 0.2$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\beta = 0.5$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\beta = 0.8$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_4, J_6: 4, 4
4109	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_4, J_6: 4, 4
4129	$v_\alpha = [0.25, 0.45]$	J_5: 2	J_1, J_3: 4, 4
4129	$v_\alpha = [0.45, 0.65]$	J_5: 2.33	J_1, J_3: 4.33, 4.33
4129	$v_\alpha = [0.65, 0.85]$	J_5: 4	J_1, J_3: 4.75, 4.75
4129	$v_\beta = 0.2$	J_5: 1.29	J_1, J_3: 4.57, 4.57
4129	$v_\beta = 0.5$	J_5: 3.33	J_1, J_3: 5, 5
4129	$v_\beta = 0.8$	J_5: 1.26	J_1, J_3: 3.99, 3.99
4129	$v_\gamma = [0.1, 0.5]$	J_5: 1.43	J_1, J_3: 4, 4
4129	$v_\gamma = [0.3, 0.7]$	J_5: 1.43	J_1, J_3: 4, 4
4129	$v_\gamma = [0.5, 0.9]$	J_5: 1.43	J_1, J_3: 4, 4
4155	$v_\alpha = [0.25, 0.45]$	J_1: 4	J_5, J_6: 5.5, 5.5
4155	$v_\alpha = [0.45, 0.65]$	J_1: 4	J_5, J_6: 5.5, 5.5
4155	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_5, J_6: 4.5, 4.5
4155	$v_\beta = 0.2$	J_1: 1	J_5, J_6: 3.92, 3.92
4155	$v_\beta = 0.5$	J_1: 2	J_5, J_6: 4, 4
4155	$v_\beta = 0.8$	J_1: 3	J_5, J_6: 4.17, 4.17
4155	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_5, J_6: 4.62, 4.62
4155	$v_\gamma = [0.3, 0.7]$	J_1: 1	J_5, J_6: 4.62, 4.62
4155	$v_\gamma = [0.5, 0.9]$	J_1: 1	J_5, J_6: 4.62, 4.62
4157	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_2, J_6: 4, 4
4157	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_2, J_6: 4, 4
4157	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_2, J_6: 4, 4
4157	$v_\beta = 0.2$	J_3: 2	J_2, J_6: 4, 4
4157	$v_\beta = 0.5$	J_3: 4	J_2, J_6: 4.33, 4.33
4157	$v_\beta = 0.8$	J_3: 1	J_2, J_6: 4, 4

4157	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_2, J_6: 4, 4
4157	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_2, J_6: 4, 4
4157	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_2, J_6: 4, 4
4158	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_5: 4
4158	$v_\alpha = [0.45, 0.65]$	J_2: 1	J_5: 4
4158	$v_\alpha = [0.65, 0.85]$	J_2: 1	J_5: 4
4158	$v_\beta = 0.2$	J_2: 3	J_5: 3.33
4158	$v_\beta = 0.5$	J_2: 1	J_5: 4
4158	$v_\beta = 0.8$	J_2: 1	J_5: 4
4158	$v_\gamma = [0.1, 0.5]$	J_2: 1	J_5: 4
4158	$v_\gamma = [0.3, 0.7]$	J_2: 1	J_5: 4
4158	$v_\gamma = [0.5, 0.9]$	J_2: 1	J_5: 4
4159	$v_\alpha = [0.25, 0.45]$	J_5: 4	J_1, J_6: 4.33, 4.33
4159	$v_\alpha = [0.45, 0.65]$	J_5: 4	J_1, J_6: 3.75, 3.75
4159	$v_\alpha = [0.65, 0.85]$	J_5: 3	J_1, J_6: 3.92, 3.92
4159	$v_\beta = 0.2$	J_5: 1.25	J_1, J_6: 4.5, 4.5
4159	$v_\beta = 0.5$	J_5: 1.25	J_1, J_6: 4.5, 4.5
4159	$v_\beta = 0.8$	J_5: 3	J_1, J_6: 4.17, 4.17
4159	$v_\gamma = [0.1, 0.5]$	J_5: 4	J_1, J_6: 4.33, 4.33
4159	$v_\gamma = [0.3, 0.7]$	J_5: 4	J_1, J_6: 4.33, 4.33
4159	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1, J_6: 4.33, 4.33
4177	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\alpha = [0.65, 0.85]$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\beta = 0.2$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\beta = 0.5$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\beta = 0.8$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1, J_4: 4, 4
4177	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1, J_4: 4, 4
4178	$v_\alpha = [0.25, 0.45]$	J_3: 1	J_2: 5.75
4178	$v_\alpha = [0.45, 0.65]$	J_3: 1	J_2: 5
4178	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_2: 5
4178	$v_\beta = 0.2$	J_3: 1.05	J_2: 4.02
4178	$v_\beta = 0.5$	J_3: 1	J_2: 4
4178	$v_\beta = 0.8$	J_3: 1	J_2: 5
4178	$v_\gamma = [0.1, 0.5]$	J_3: 1	J_2: 5

4178	$v_\gamma = [0.3, 0.7]$	J_3: 1	J_2: 5
4178	$v_\gamma = [0.5, 0.9]$	J_3: 1	J_2: 5
4179	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_2: 4
4179	$v_\alpha = [0.45, 0.65]$	J_6: 1	J_2: 4
4179	$v_\alpha = [0.65, 0.85]$	J_6: 1	J_2: 4
4179	$v_\beta = 0.2$	J_6: 1	J_2: 4
4179	$v_\beta = 0.5$	J_6: 1	J_2: 4
4179	$v_\beta = 0.8$	J_6: 1	J_2: 4
4179	$v_\gamma = [0.1, 0.5]$	J_6: 1	J_2: 4
4179	$v_\gamma = [0.3, 0.7]$	J_6: 1	J_2: 4
4179	$v_\gamma = [0.5, 0.9]$	J_6: 1	J_2: 4
4205	$v_\alpha = [0.25, 0.45]$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4205	$v_\alpha = [0.45, 0.65]$	J_1, J_3, J_6: 3.08, 3.08, 3.08	J_5: 3.83
4205	$v_\alpha = [0.65, 0.85]$	J_1, J_3, J_6: 2.57, 2.57, 2.57	J_5: 4.3
4205	$v_\beta = 0.2$	J_1, J_3, J_6: 2.95, 2.95, 2.95	J_5: 3.79
4205	$v_\beta = 0.5$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4205	$v_\beta = 0.8$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4205	$v_\gamma = [0.1, 0.5]$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4205	$v_\gamma = [0.3, 0.7]$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4205	$v_\gamma = [0.5, 0.9]$	J_1, J_3, J_6: 3, 3, 3	J_5: 4
4207	$v_\alpha = [0.25, 0.45]$	J_1: 1.71	J_4: 4.12
4207	$v_\alpha = [0.45, 0.65]$	J_1: 1.67	J_4: 4
4207	$v_\alpha = [0.65, 0.85]$	J_1: 5	J_4: 6
4207	$v_\beta = 0.2$	J_1: 1.1	J_4: 4.03
4207	$v_\beta = 0.5$	J_1: 1.12	J_4: 3.94
4207	$v_\beta = 0.8$	J_1: 5	J_4: 5
4207	$v_\gamma = [0.1, 0.5]$	J_1: 1.5	J_4: 4.12
4207	$v_\gamma = [0.3, 0.7]$	J_1: 1.5	J_4: 4.12
4207	$v_\gamma = [0.5, 0.9]$	J_1: 5	J_4: 6
4209	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_3: 4
4209	$v_\alpha = [0.45, 0.65]$	J_2: 4	J_3: 4.2
4209	$v_\alpha = [0.65, 0.85]$	J_2: 2	J_3: 3
4209	$v_\beta = 0.2$	J_2: 1	J_3: 4
4209	$v_\beta = 0.5$	J_2: 2.5	J_3: 2.5
4209	$v_\beta = 0.8$	J_2: 1	J_3: 4
4209	$v_\gamma = [0.1, 0.5]$	J_2: 4	J_3: 4.33
4209	$v_\gamma = [0.3, 0.7]$	J_2: 4	J_3: 4.33

4209	$v_\gamma = [0.5, 0.9]$	J_2: 4	J_3: 4.33
4228	$v_\alpha = [0.25, 0.45]$	J_5: 4	J_1: 3.75
4228	$v_\alpha = [0.45, 0.65]$	J_5: 4	J_1: 4.5
4228	$v_\alpha = [0.65, 0.85]$	J_5: 3	J_1: 5
4228	$v_\beta = 0.2$	J_5: 1	J_1: 4
4228	$v_\beta = 0.5$	J_5: 2	J_1: 4
4228	$v_\beta = 0.8$	J_5: 3	J_1: 3
4228	$v_\gamma = [0.1, 0.5]$	J_5: 4	J_1: 4.33
4228	$v_\gamma = [0.3, 0.7]$	J_5: 2.3	J_1: 4.2
4228	$v_\gamma = [0.5, 0.9]$	J_5: 2.3	J_1: 4.2
4229	$v_\alpha = [0.25, 0.45]$	J_3: 5	J_2, J_4, J_6: 4, 4, 4
4229	$v_\alpha = [0.45, 0.65]$	J_3: 3	J_2, J_4, J_6: 4, 4, 4
4229	$v_\alpha = [0.65, 0.85]$	J_3: 2	J_2, J_4, J_6: 4.33, 4.33, 4.33
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: 3	J_2, J_4, J_6: 5, 5, 5
4229	$v_\beta = 0.8$	J_3: 4	J_2, J_4, J_6: 3.33, 3.33, 3.33
4229	$v_\gamma = [0.1, 0.5]$	J_3: 3	J_2, J_4, J_6: 4, 4, 4
4229	$v_\gamma = [0.3, 0.7]$	J_3: 2	J_2, J_4, J_6: 4.33, 4.33, 4.33
4229	$v_\gamma = [0.5, 0.9]$	J_3: 2	J_2, J_4, J_6: 4.33, 4.33, 4.33
4249	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_5: 4
4249	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_5: 4
4249	$v_\alpha = [0.65, 0.85]$	J_1: 3.75	J_5: 5.75
4249	$v_\beta = 0.2$	J_1: 1.5	J_5: 3
4249	$v_\beta = 0.5$	J_1: 5	J_5: 6
4249	$v_\beta = 0.8$	J_1: 1	J_5: 4
4249	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_5: 4
4249	$v_\gamma = [0.3, 0.7]$	J_1: 1	J_5: 4
4249	$v_\gamma = [0.5, 0.9]$	J_1: 1	J_5: 4
4277	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_5: 4
4277	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_5: 4
4277	$v_\alpha = [0.65, 0.85]$	J_1: 1	J_5: 4
4277	$v_\beta = 0.2$	J_1: 1	J_5: 4
4277	$v_\beta = 0.5$	J_1: 1	J_5: 4
4277	$v_\beta = 0.8$	J_1: 1	J_5: 4
4277	$v_\gamma = [0.1, 0.5]$	J_1: 1	J_5: 4
4277	$v_\gamma = [0.3, 0.7]$	J_1: 1	J_5: 4
4277	$v_\gamma = [0.5, 0.9]$	J_1: 1	J_5: 4

4279	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_6: 4
4279	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_6: 4
4279	$v_\alpha = [0.65, 0.85]$	J_5: 3.5	J_6: 4
4279	$v_\beta = 0.2$	J_5: 1	J_6: 4
4279	$v_\beta = 0.5$	J_5: 4	J_6: 5
4279	$v_\beta = 0.8$	J_5: 1	J_6: 4
4279	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_6: 4
4279	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_6: 4
4279	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_6: 4
4289	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_6: 4
4289	$v_\alpha = [0.45, 0.65]$	J_5: 1.05	J_6: 3.95
4289	$v_\alpha = [0.65, 0.85]$	J_5: 4.75	J_6: 5.75
4289	$v_\beta = 0.2$	J_5: 1	J_6: 4
4289	$v_\beta = 0.5$	J_5: 5	J_6: 6
4289	$v_\beta = 0.8$	J_5: 1	J_6: 4
4289	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_6: 4
4289	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_6: 4
4289	$v_\gamma = [0.5, 0.9]$	J_5: 5	J_6: 6
4299	$v_\alpha = [0.25, 0.45]$	J_3: 5	J_6: 4.5
4299	$v_\alpha = [0.45, 0.65]$	J_3: 3	J_6: 3
4299	$v_\alpha = [0.65, 0.85]$	J_3: 1	J_6: 4.43
4299	$v_\beta = 0.2$	J_3: 5	J_6: 6
4299	$v_\beta = 0.5$	J_3: 4	J_6: 3.75
4299	$v_\beta = 0.8$	J_3: 4	J_6: 4.33
4299	$v_\gamma = [0.1, 0.5]$	J_3: 3	J_6: 4.5
4299	$v_\gamma = [0.3, 0.7]$	J_3: 3	J_6: 4.5
4299	$v_\gamma = [0.5, 0.9]$	J_3: 3	J_6: 4.5
4315	$v_\alpha = [0.25, 0.45]$	J_3: 3	J_6: 4.75
4315	$v_\alpha = [0.45, 0.65]$	J_3: 3	J_6: 4.8
4315	$v_\alpha = [0.65, 0.85]$	J_3: 2	J_6: 5
4315	$v_\beta = 0.2$	J_3: 3	J_6: 2
4315	$v_\beta = 0.5$	J_3: 1	J_6: 4
4315	$v_\beta = 0.8$	J_3: 1	J_6: 4
4315	$v_\gamma = [0.1, 0.5]$	J_3: 2.38	J_6: 4.54
4315	$v_\gamma = [0.3, 0.7]$	J_3: 1.89	J_6: 4.67
4315	$v_\gamma = [0.5, 0.9]$	J_3: 2.38	J_6: 4.54
4316	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_2, J_3: 4, 4

4316	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_2, J_3: 4, 4
4316	$v_\alpha = [0.65, 0.85]$	J_5: 1	J_2, J_3: 4, 4
4316	$v_\beta = 0.2$	J_5: 1	J_2, J_3: 4, 4
4316	$v_\beta = 0.5$	J_5: 1	J_2, J_3: 4, 4
4316	$v_\beta = 0.8$	J_5: 1	J_2, J_3: 3.83, 3.83
4316	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_2, J_3: 4.11, 4.11
4316	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_2, J_3: 4.11, 4.11
4316	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_2, J_3: 4.11, 4.11
4317	$v_\alpha = [0.25, 0.45]$	J_2: 2	J_6: 4
4317	$v_\alpha = [0.45, 0.65]$	J_2: 2.34	J_6: 4.23
4317	$v_\alpha = [0.65, 0.85]$	J_2: 5	J_6: 3.5
4317	$v_\beta = 0.2$	J_2: 1	J_6: 4
4317	$v_\beta = 0.5$	J_2: 2.75	J_6: 2
4317	$v_\beta = 0.8$	J_2: 3	J_6: 4.5
4317	$v_\gamma = [0.1, 0.5]$	J_2: 1.5	J_6: 4
4317	$v_\gamma = [0.3, 0.7]$	J_2: 1.5	J_6: 4
4317	$v_\gamma = [0.5, 0.9]$	J_2: 1.5	J_6: 4
4318	$v_\alpha = [0.25, 0.45]$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\alpha = [0.45, 0.65]$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\alpha = [0.65, 0.85]$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\beta = 0.2$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\beta = 0.5$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\beta = 0.8$	J_2: 1	J_1, J_4: 4.5, 4.5
4318	$v_\gamma = [0.1, 0.5]$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\gamma = [0.3, 0.7]$	J_2: 1	J_1, J_4: 4, 4
4318	$v_\gamma = [0.5, 0.9]$	J_2: 1	J_1, J_4: 4, 4
4319	$v_\alpha = [0.25, 0.45]$	J_6: 1	J_5: 4
4319	$v_\alpha = [0.45, 0.65]$	J_6: 1	J_5: 4
4319	$v_\alpha = [0.65, 0.85]$	J_6: 2.2	J_5: 4.4
4319	$v_\beta = 0.2$	J_6: 1.64	J_5: 3.36
4319	$v_\beta = 0.5$	J_6: 4	J_5: 5
4319	$v_\beta = 0.8$	J_6: 1	J_5: 4
4319	$v_\gamma = [0.1, 0.5]$	J_6: 5	J_5: 6
4319	$v_\gamma = [0.3, 0.7]$	J_6: 5	J_5: 6
4319	$v_\gamma = [0.5, 0.9]$	J_6: 5	J_5: 6
4328	$v_\alpha = [0.25, 0.45]$	J_1: 1	J_2: 4
4328	$v_\alpha = [0.45, 0.65]$	J_1: 1	J_2: 4

4328	$v_\alpha = [0.65, 0.85]$	J_1: 5	J_2: 3
4328	$v_\beta = 0.2$	J_1: 1	J_2: 4
4328	$v_\beta = 0.5$	J_1: 1	J_2: 4
4328	$v_\beta = 0.8$	J_1: 1	J_2: 4
4328	$v_\gamma = [0.1, 0.5]$	J_1: 5	J_2: 4.5
4328	$v_\gamma = [0.3, 0.7]$	J_1: 5	J_2: 4.5
4328	$v_\gamma = [0.5, 0.9]$	J_1: 5	J_2: 4.5
4329	$v_\alpha = [0.25, 0.45]$	J_4: 1	J_5: 4
4329	$v_\alpha = [0.45, 0.65]$	J_4: 3	J_5: 4
4329	$v_\alpha = [0.65, 0.85]$	J_4: 2.33	J_5: 4.67
4329	$v_\beta = 0.2$	J_4: 1	J_5: 4
4329	$v_\beta = 0.5$	J_4: 1	J_5: 4.33
4329	$v_\beta = 0.8$	J_4: 1	J_5: 4
4329	$v_\gamma = [0.1, 0.5]$	J_4: 2	J_5: 3
4329	$v_\gamma = [0.3, 0.7]$	J_4: 2	J_5: 3
4329	$v_\gamma = [0.5, 0.9]$	J_4: 2	J_5: 3
4347	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_3: 4
4347	$v_\alpha = [0.45, 0.65]$	J_5: 1.19	J_3: 4.1
4347	$v_\alpha = [0.65, 0.85]$	J_5: 3.33	J_3: 4.67
4347	$v_\beta = 0.2$	J_5: 1.52	J_3: 4
4347	$v_\beta = 0.5$	J_5: 1	J_3: 4
4347	$v_\beta = 0.8$	J_5: 1	J_3: 4
4347	$v_\gamma = [0.1, 0.5]$	J_5: 5	J_3: 6
4347	$v_\gamma = [0.3, 0.7]$	J_5: 5	J_3: 6
4347	$v_\gamma = [0.5, 0.9]$	J_5: 5	J_3: 6
4349	$v_\alpha = [0.25, 0.45]$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\alpha = [0.45, 0.65]$	J_1, J_2, J_4: 3.17, 3.17, 3.17	J_5: 3.75
4349	$v_\alpha = [0.65, 0.85]$	J_1, J_2, J_4: 2.57, 2.57, 2.57	J_5: 4.3
4349	$v_\beta = 0.2$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\beta = 0.5$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\beta = 0.8$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\gamma = [0.1, 0.5]$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\gamma = [0.3, 0.7]$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4349	$v_\gamma = [0.5, 0.9]$	J_1, J_2, J_4: 3, 3, 3	J_5: 4
4356	$v_\alpha = [0.25, 0.45]$	J_1, J_4: 2.5, 2.5	J_5: 4
4356	$v_\alpha = [0.45, 0.65]$	J_1, J_4: 3, 3	J_5: 3
4356	$v_\alpha = [0.65, 0.85]$	J_1, J_4: 3, 3	J_5: 3

4356	$v_\beta = 0.2$	J_1, J_4: 1.75, 1.75	J_5: 2.88
4356	$v_\beta = 0.5$	J_1, J_4: 2.5, 2.5	J_5: 5
4356	$v_\beta = 0.8$	J_1, J_4: 2.5, 2.5	J_5: 4
4356	$v_\gamma = [0.1, 0.5]$	J_1, J_4: 2.25, 2.25	J_5: 4.12
4356	$v_\gamma = [0.3, 0.7]$	J_1, J_4: 2.25, 2.25	J_5: 4.12
4356	$v_\gamma = [0.5, 0.9]$	J_1, J_4: 2.25, 2.25	J_5: 4.12
4357	$v_\alpha = [0.25, 0.45]$	J_5: 1	J_1: 5
4357	$v_\alpha = [0.45, 0.65]$	J_5: 1	J_1: 5
4357	$v_\alpha = [0.65, 0.85]$	J_5: 1	J_1: 5
4357	$v_\beta = 0.2$	J_5: 1	J_1: 2.5
4357	$v_\beta = 0.5$	J_5: 4	J_1: 5
4357	$v_\beta = 0.8$	J_5: 1.05	J_1: 3.98
4357	$v_\gamma = [0.1, 0.5]$	J_5: 1	J_1: 5
4357	$v_\gamma = [0.3, 0.7]$	J_5: 1	J_1: 5
4357	$v_\gamma = [0.5, 0.9]$	J_5: 1	J_1: 5