

UD-ran-4.15m. acc

【習志野市新庁舎】上下動「位相=Random」GL-4.15m
nd=12000 dt=0.010 Acc. Max= 165.35 (8F10.2)

0.01	0.08	0.40	1.18	2.39	3.46	3.70	2.99
2.03	1.61	1.75	1.93	1.84	1.81	2.18	2.81
3.29	3.53	3.87	4.65	5.78	6.92	7.86	8.65
9.35	9.85	10.03	9.90	9.61	9.26	8.90	8.48
7.97	7.34	6.56	5.62	4.62	3.62	2.58	1.43
0.14	-1.14	-2.21	-2.97	-3.50	-3.98	-4.48	-4.92
-5.12	-4.94	-4.46	-3.96	-3.73	-3.87	-4.27	-4.71
-5.14	-5.68	-6.43	-7.34	-8.36	-9.48	-10.76	-12.13
-13.34	-14.17	-14.63	-14.88	-14.95	-14.72	-14.08	-13.19
-12.34	-11.56	-10.63	-9.36	-7.97	-6.99	-6.74	-7.08
-7.54	-7.84	-8.03	-8.34	-8.90	-9.62	-10.42	-11.29
-12.23	-13.15	-13.88	-14.26	-14.26	-13.97	-13.54	-13.12
-12.72	-12.17	-11.26	-10.08	-9.07	-8.68	-8.81	-8.70
-7.59	-5.52	-3.36	-1.89	-1.01	0.13	2.08	4.39
6.11	6.79	6.85	6.94	7.10	6.90	6.19	5.52
5.56	6.20	6.63	6.46	6.24	6.69	7.59	7.91
7.22	6.41	6.68	7.95	8.87	8.42	7.00	5.68
4.75	3.63	2.22	1.49	2.22	3.69	4.24	3.38
2.51	3.16	4.86	5.46	3.61	0.40	-1.96	-2.68
-2.99	-4.45	-7.03	-9.37	-10.49	-10.69	-10.90	-11.47
-12.09	-12.47	-12.53	-11.97	-10.22	-7.30	-4.49	-3.43
-4.37	-5.70	-5.97	-5.80	-7.08	-10.17	-12.84	-12.95
-11.25	-10.31	-10.54	-9.26	-4.83	-0.50	-1.61	-8.35
-13.60	-10.11	0.68	9.63	10.07	5.17	3.14	6.75
10.47	8.65	3.43	1.80	5.86	9.62	6.65	-1.48
-7.21	-6.51	-3.47	-4.27	-9.22	-13.09	-12.42	-9.77
-9.96	-14.12	-19.05	-21.04	-18.84	-13.46	-7.29	-3.54
-4.44	-8.29	-9.80	-5.21	3.20	9.56	11.30	11.64
14.31	17.54	15.71	6.90	-3.69	-8.82	-6.73	-1.97
0.66	1.05	2.16	5.15	8.14	9.83	12.13	17.89
26.51	33.53	35.10	31.86	27.94	26.77	28.81	32.70
36.90	39.55	38.35	32.33	23.56	15.77	10.77	7.11
2.68	-2.42	-6.50	-8.73	-9.33	-7.97	-4.22	-0.46
-1.56	-9.23	-17.63	-18.26	-10.20	-2.60	-4.43	-13.52
-18.89	-13.90	-3.71	1.46	-2.05	-9.04	-12.62	-10.21
-2.67	8.42	19.94	26.52	24.40	16.44	10.16	9.37
9.68	4.06	-8.08	-19.71	-24.06	-21.45	-17.65	-17.22
-19.74	-21.45	-18.82	-10.95	-0.56	7.06	7.38	0.44
-9.16	-16.35	-19.15	-17.87	-12.51	-2.85	9.13	19.25
24.78	26.98	28.65	29.58	26.29	17.06	6.30	2.32
9.08	19.98	21.76	7.27	-14.67	-25.17	-14.05	8.42
22.22	19.95	14.01	19.02	32.25	38.21	30.66	21.28
22.98	32.08	34.92	28.91	26.57	36.19	46.97	41.00
16.09	-11.37	-25.94	-27.55	-24.13	-18.03	-6.88	6.30
12.78	8.91	0.25	-7.24	-13.82	-19.82	-19.15	-6.63
10.10	15.27	3.45	-13.62	-22.67	-24.62	-27.41	-28.12
-14.56	12.67	30.96	19.75	-10.18	-23.78	-2.27	32.70
44.40	25.90	7.69	17.30	42.33	45.61	14.59	-18.11
-11.63	33.13	73.18	74.26	49.80	39.46	56.02	69.85
51.31	14.30	2.16	32.90	75.74	89.60	72.15	55.56
58.68	63.48	46.76	19.56	16.15	46.65	79.15	77.72
46.38	21.70	25.40	39.25	32.07	0.85	-26.24	-24.98
-3.24	9.36	-6.49	-42.93	-76.27	-89.18	-81.60	-65.62
-54.01	-52.68	-60.21	-71.11	-78.51	-76.03	-62.19	-46.04
-44.11	-63.96	-89.71	-92.49	-61.92	-21.72	-3.97	-9.50
-7.10	22.82	56.63	54.41	14.31	-18.10	-2.12	49.34
86.22	80.60	53.90	42.95	54.37	63.79	52.83	31.03
18.36	17.36	12.42	-6.85	-30.63	-40.55	-31.47	-17.16
-14.89	-27.71	-42.83	-45.40	-31.80	-10.26	8.71	21.12
30.40	41.91	56.31	66.97	64.18	43.94	13.63	-12.30
-23.46	-20.46	-11.44	-3.80	-0.02	1.40	4.21	12.81
28.33	43.96	46.75	28.24	-4.81	-32.45	-38.20	-26.49
-21.52	-43.63	-84.13	-108.36	-91.32	-49.61	-28.89	-54.20
-99.80	-118.21	-95.13	-61.81	-50.07	-51.58	-36.82	-5.83
3.26	-35.59	-94.89	-120.06	-91.53	-42.21	-11.32	-0.01
14.33	34.32	36.77	12.18	-11.33	1.51	48.15	89.39
94.20	69.89	45.24	37.02	41.15	46.40	43.07	22.59
-14.52	-46.32	-41.19	4.57	48.76	40.24	-23.79	-91.07
-111.56	-90.23	-72.00	-82.13	-99.75	-93.04	-63.26	-38.96
-33.93	-29.39	-3.01	37.48	61.54	52.33	25.25	9.44
19.47	46.93	70.43	68.00	28.82	-33.93	-83.16	-84.71
-41.45	6.24	21.82	9.92	4.31	22.36	44.33	42.36
19.24	6.59	26.27	63.97	85.06	71.23	37.28	14.90

UD-ran-4.15m. acc							
24.11	58.58	93.68	107.22	96.19	76.63	67.43	72.40
76.93	62.66	26.80	-11.49	-24.50	1.58	53.70	100.20
113.47	88.50	43.82	6.79	-3.96	11.85	38.22	55.04
53.15	39.48	26.12	15.07	-1.39	-24.04	-37.93	-28.19
-1.95	14.63	3.85	-25.92	-53.47	-68.37	-75.09	-79.73
-83.28	-86.91	-91.98	-91.10	-70.63	-32.15	-3.95	-15.75
-60.77	-96.49	-90.48	-56.24	-33.62	-40.56	-58.14	-61.96
-52.24	-45.23	-47.26	-50.37	-47.94	-39.99	-23.97	4.00
33.00	37.17	5.00	-39.89	-63.24	-62.38	-65.16	-83.06
-87.65	-51.50	1.79	17.05	-20.63	-60.76	-50.51	-3.63
20.79	2.24	-11.75	27.05	96.23	126.21	85.89	15.34
-31.60	-49.65	-68.63	-97.04	-109.17	-88.97	-59.55	-54.33
-72.95	-83.73	-64.58	-25.40	9.44	24.31	13.18	-25.67
-79.64	-114.63	-99.45	-43.82	2.95	4.21	-21.05	-23.45
10.44	37.01	12.78	-41.88	-59.66	-8.66	63.85	86.05
48.13	11.26	27.67	74.67	86.42	40.51	-13.25	-17.03
23.65	52.61	38.04	9.25	11.35	44.55	68.87	60.64
40.10	36.98	49.22	52.46	41.05	38.05	60.65	91.47
96.34	64.77	22.13	1.72	12.10	33.50	40.41	24.98
2.96	-0.17	27.33	68.91	91.26	76.53	42.96	26.63
41.40	64.99	69.49	57.00	52.99	67.53	79.19	64.90
34.38	20.95	40.85	73.81	86.59	65.82	23.55	-20.01
-49.75	-58.09	-48.45	-38.99	-51.52	-87.97	-123.18	-130.33
-112.11	-97.31	-104.21	-116.22	-101.30	-50.96	9.37	47.72
53.83	37.64	11.53	-14.87	-27.84	-14.15	21.17	52.35
58.87	50.09	52.91	75.35	93.89	82.78	47.20	17.37
12.90	23.40	25.69	10.23	-15.05	-39.57	-57.97	-65.08
-54.18	-26.52	3.48	19.89	21.46	20.41	25.17	30.76
29.32	24.23	26.32	37.34	45.36	40.56	30.11	30.23
44.63	57.81	52.59	28.90	0.26	-24.65	-48.17	-70.18
-78.12	-59.97	-24.68	0.93	0.68	-12.45	-13.48	3.04
18.29	16.36	4.60	-0.58	-0.53	-14.50	-53.06	-101.86
-136.15	-143.77	-129.35	-103.91	-80.00	-71.10	-81.63	-94.85
-82.86	-36.92	19.06	53.32	59.60	56.57	58.43	60.01
53.63	46.51	50.84	64.53	75.44	82.53	98.24	124.46
138.20	113.75	55.85	-1.10	-30.30	-40.41	-58.98	-93.19
-117.99	-106.91	-67.26	-34.85	-33.01	-45.30	-36.95	-0.42
31.72	25.97	-7.94	-25.50	-1.94	35.56	41.77	11.54
-14.54	-5.96	14.97	2.35	-50.13	-96.80	-94.84	-53.12
-14.77	-4.39	-11.82	-22.75	-40.59	-67.37	-82.28	-61.46
-15.26	15.73	8.42	-15.56	-22.64	-15.15	-25.77	-64.69
-94.48	-72.49	-7.49	45.03	45.49	12.67	-5.04	10.72
32.33	26.95	-4.11	-34.98	-51.67	-63.24	-78.81	-90.65
-87.85	-74.93	-63.37	-50.37	-23.42	10.64	18.39	-22.83
-87.54	-120.50	-96.69	-49.03	-26.93	-36.85	-39.74	-6.62
39.68	49.49	6.99	-46.88	-56.66	-12.03	41.20	49.35
5.40	-48.02	-66.92	-49.71	-29.41	-29.00	-36.69	-28.73
-6.22	3.96	-15.15	-45.52	-52.86	-25.90	11.64	28.30
15.74	-9.86	-28.68	-31.01	-15.28	14.98	49.11	74.57
90.59	108.98	131.70	135.36	95.26	27.06	-15.22	2.03
45.74	49.94	-3.64	-60.17	-59.26	-11.87	12.92	-25.18
-88.38	-109.25	-71.29	-21.72	-10.66	-39.58	-74.94	-92.35
-91.37	-77.73	-54.42	-33.75	-38.20	-73.92	-111.67	-111.39
-67.29	-15.47	9.39	14.27	33.83	81.35	128.37	137.87
107.48	70.09	55.10	59.82	62.28	53.52	47.41	58.44
79.59	90.42	84.94	81.20	97.13	123.35	131.26	108.91
77.57	65.17	71.48	72.59	57.60	44.68	52.73	69.04
60.65	16.54	-34.50	-53.03	-28.21	16.44	49.83	59.90
57.92	63.10	80.49	89.75	60.94	-9.03	-79.25	-98.75
-62.38	-19.36	-15.67	-38.66	-36.78	9.28	58.01	59.75
20.18	-9.23	2.07	29.34	31.10	2.67	-24.46	-26.54
-10.37	7.48	23.79	39.74	43.39	21.03	-14.49	-25.63
8.89	64.19	94.26	85.67	72.44	90.33	126.58	130.80
78.09	7.16	-17.97	18.91	66.15	63.76	11.92	-33.88
-33.34	-9.07	-14.54	-66.58	-127.80	-154.91	-145.89	-129.15
-119.86	-106.06	-75.89	-38.83	-10.96	7.03	22.77	30.39
14.79	-19.71	-42.58	-30.80	1.40	21.58	22.37	26.12
43.13	47.32	11.63	-44.03	-66.27	-33.53	13.89	23.54
-4.16	-22.25	-3.81	22.64	14.19	-28.79	-64.70	-62.94
-33.95	-6.36	6.64	8.62	2.84	-8.41	-13.06	2.69
30.00	36.98	5.99	-35.90	-40.56	3.52	50.38	44.91
-12.39	-61.64	-48.42	16.85	73.33	78.56	49.54	31.68
40.35	48.71	30.61	-2.59	-18.28	-5.41	14.38	18.20
9.84	8.71	19.16	23.12	4.12	-29.51	-50.77	-41.18
-8.93	20.03	27.89	22.11	26.58	54.77	92.08	107.00

UD-ran-4.15m. acc							
81.33	28.52	-19.04	-40.00	-40.15	-39.69	-47.26	-48.70
-22.34	34.19	93.79	120.27	102.76	68.29	54.31	66.84
73.38	44.76	-1.85	-17.40	16.40	53.82	33.01	-45.81
-110.60	-96.62	-21.28	37.29	30.79	-11.58	-31.03	-13.94
0.28	-22.82	-70.60	-104.17	-102.85	-74.35	-33.43	9.09
37.52	34.47	5.04	-16.24	-1.98	28.21	25.27	-25.21
-75.42	-69.71	-16.95	16.44	-9.56	-55.41	-52.36	6.50
53.74	30.67	-41.55	-91.55	-84.50	-53.62	-45.28	-58.82
-57.64	-25.15	14.80	34.28	36.19	40.70	50.69	50.08
33.90	19.77	21.34	25.64	12.37	-11.19	-14.09	16.44
53.05	58.81	29.62	-6.21	-23.93	-21.66	-4.84	27.64
69.54	93.71	74.81	26.98	0.29	27.98	86.38	120.53
105.73	68.95	47.61	43.58	31.29	1.31	-24.84	-27.66
-19.53	-27.35	-53.11	-69.85	-58.04	-30.24	-11.89	-10.98
-20.77	-42.30	-81.41	-122.31	-129.09	-91.17	-51.52	-62.85
-116.13	-139.25	-81.09	20.87	79.04	55.98	2.35	-10.13
28.88	70.61	78.38	69.16	79.31	111.43	133.55	122.42
88.27	55.41	35.07	26.13	29.94	48.17	67.74	63.76
25.80	-24.90	-52.94	-42.80	-11.03	13.44	14.97	-2.31
-24.69	-39.55	-40.68	-32.56	-30.74	-49.88	-85.78	-113.74
-112.53	-89.83	-76.35	-91.71	-121.84	-135.52	-119.65	-90.76
-72.73	-72.36	-81.60	-95.86	-117.98	-142.91	-149.99	-121.15
-65.25	-15.40	2.29	-7.37	-19.58	-20.04	-16.47	-19.90
-23.62	-9.82	24.50	57.24	62.35	38.14	9.51	2.47
20.56	45.79	56.89	44.34	14.03	-16.67	-28.48	-13.48
18.53	50.29	73.47	89.28	92.95	69.72	17.17	-34.85
-44.57	-6.14	34.75	26.85	-28.50	-79.20	-84.49	-60.05
-49.12	-59.29	-50.78	5.64	77.41	98.56	48.90	-14.83
-19.86	38.86	92.42	77.22	5.81	-51.58	-47.71	-4.40
22.94	10.84	-15.19	-20.62	-0.63	26.58	50.32	75.76
104.34	121.65	113.60	87.59	67.10	64.93	70.05	63.93
43.64	22.97	14.32	16.94	23.06	28.27	31.91	32.45
28.81	24.89	26.86	34.76	41.36	41.50	38.86	39.48
41.13	34.54	16.00	-6.60	-23.89	-37.30	-54.76	-74.49
-81.33	-65.76	-42.19	-38.63	-64.77	-97.26	-103.04	-75.22
-39.98	-28.53	-47.45	-77.21	-93.29	-84.81	-57.53	-25.80
-1.88	11.92	22.70	36.96	50.85	52.64	36.52	12.35
0.54	16.23	54.99	89.94	86.25	30.22	-48.23	-89.41
-55.80	24.77	78.17	55.48	-18.72	-77.86	-87.66	-73.89
-75.29	-89.28	-82.08	-42.92	-3.00	5.57	-10.07	-19.19
-10.58	0.51	4.33	12.12	31.80	47.77	42.78	28.87
33.74	56.17	58.58	17.03	-37.48	-49.35	-6.43	43.82
52.29	23.57	-2.35	-10.57	-27.28	-71.05	-112.89	-106.60
-51.15	1.31	5.67	-26.14	-49.33	-47.71	-48.20	-73.36
-103.56	-103.29	-72.58	-48.14	-51.29	-56.23	-25.24	35.40
74.58	53.36	-12.65	-75.66	-108.73	-121.69	-128.81	-120.99
-82.37	-24.42	15.55	15.13	-5.83	-8.85	17.20	45.38
46.64	25.60	14.05	34.70	79.03	117.45	123.88	92.21
39.36	-3.93	-13.49	9.16	39.82	57.13	60.67	59.46
51.17	26.88	-4.22	-12.29	19.40	67.70	90.81	74.25
43.26	29.21	37.84	55.88	74.07	89.19	91.37	69.07
29.05	-4.50	-18.52	-26.37	-43.78	-60.67	-54.66	-28.55
-12.50	-22.39	-35.65	-25.92	-8.91	-27.15	-87.01	-136.39
-122.83	-59.59	-11.00	-15.75	-48.84	-67.11	-68.79	-85.03
-122.25	-142.39	-110.05	-41.22	11.92	18.08	-5.80	-22.18
-13.10	11.57	33.68	44.29	46.17	48.35	58.01	70.85
69.35	38.30	-14.03	-55.69	-58.28	-24.16	16.64	34.75
23.40	-4.52	-31.92	-45.96	-38.13	-6.77	37.10	72.59
84.66	78.47	74.39	86.70	109.58	126.85	132.81	136.22
142.73	142.31	123.60	96.71	87.95	105.95	123.46	105.32
52.03	3.07	-7.53	10.13	14.88	-18.74	-74.73	-114.75
-114.51	-80.30	-38.23	-13.01	-12.41	-25.09	-33.54	-33.72
-41.11	-70.86	-110.81	-123.06	-81.25	-4.14	57.69	71.87
53.79	41.62	49.67	58.32	48.12	28.40	23.71	41.25
64.40	75.26	70.28	52.61	23.81	-7.50	-20.26	-0.07
38.09	61.78	59.96	57.35	81.13	122.73	145.72	128.21
84.70	45.40	26.20	22.96	23.15	14.41	-9.87	-41.34
-57.33	-43.55	-16.10	-8.40	-32.03	-61.49	-64.70	-39.74
-11.91	-1.30	-6.37	-17.16	-29.82	-43.43	-54.67	-63.52
-74.52	-81.84	-62.84	-4.81	63.48	88.64	52.25	-1.28
-13.33	20.26	49.23	36.11	0.21	-15.93	-3.70	10.10
9.85	11.56	30.39	51.69	53.38	44.89	59.10	104.23
145.59	147.57	120.38	106.72	126.03	150.38	141.91	100.18
59.71	46.87	53.69	55.73	42.98	25.16	14.19	12.77
19.02	31.07	41.26	33.77	-0.97	-48.35	-75.07	-60.32

UD-ran-4.15m. acc							
-19.95	6.98	-2.41	-33.32	-53.86	-51.55	-41.43	-39.02
-37.10	-18.30	14.17	31.78	12.15	-31.63	-61.22	-51.13
-10.90	29.49	48.63	45.60	31.21	16.07	5.74	-1.35
-13.76	-37.94	-64.09	-68.01	-37.54	4.06	14.08	-23.34
-75.19	-94.69	-74.87	-54.51	-68.41	-104.68	-121.51	-99.19
-62.04	-47.56	-65.24	-91.85	-100.24	-84.16	-56.93	-34.62
-23.19	-17.30	-8.10	5.62	12.51	-1.79	-36.79	-71.07
-78.72	-52.34	-7.18	36.75	71.80	100.98	125.75	141.83
145.74	138.74	122.64	97.03	64.93	37.71	27.97	36.04
47.27	44.60	23.27	-6.42	-27.16	-25.13	1.88	40.32
66.40	63.11	36.51	12.33	11.48	29.19	42.00	35.38
18.61	8.72	5.23	-9.52	-43.91	-80.56	-94.31	-81.70
-61.95	-48.85	-34.04	-5.48	28.03	45.31	42.51	36.73
34.83	16.55	-34.53	-93.54	-112.38	-79.14	-37.43	-32.05
-52.14	-52.01	-21.86	-6.67	-42.31	-96.87	-103.02	-42.08
32.42	62.52	52.73	49.02	65.34	61.88	4.57	-76.74
-111.54	-66.45	17.25	67.64	53.10	3.62	-29.08	-21.81
7.40	25.56	18.39	1.94	5.61	42.33	92.44	117.68
95.34	41.14	-3.26	-8.19	17.53	39.10	34.65	18.43
21.43	51.06	78.68	72.77	38.32	11.87	15.95	30.37
18.16	-27.03	-73.31	-91.17	-87.92	-92.81	-116.27	-137.17
-130.23	-95.03	-53.94	-29.42	-28.57	-43.46	-58.67	-61.56
-53.02	-47.08	-52.54	-56.60	-37.40	3.07	30.32	12.83
-38.60	-79.95	-83.63	-67.08	-65.66	-86.90	-103.34	-87.88
-44.37	-0.07	23.19	23.66	11.03	-6.78	-25.77	-40.15
-40.72	-22.67	4.97	21.56	13.48	-7.83	-13.39	11.22
45.65	56.77	40.36	27.89	45.28	75.69	77.41	35.59
-19.53	-50.05	-52.23	-50.26	-56.87	-57.06	-32.81	9.03
43.10	54.07	50.00	48.23	55.35	63.31	60.55	43.85
21.57	8.13	13.68	35.81	60.85	74.98	75.06	68.88
65.34	64.68	58.09	37.64	8.62	-8.82	4.77	46.32
86.84	96.51	73.59	42.67	22.86	6.98	-20.56	-53.17
-64.71	-45.27	-20.54	-24.40	-58.60	-91.70	-96.80	-77.20
-50.87	-22.69	14.99	58.92	87.47	81.86	47.32	7.66
-16.26	-18.59	-6.64	3.44	-7.21	-45.08	-90.80	-110.88
-91.93	-57.83	-42.69	-48.99	-45.41	-10.11	36.32	53.28
30.16	-0.91	-4.87	17.15	38.36	46.05	53.74	71.55
81.27	55.98	0.60	-42.65	-36.40	11.66	59.05	75.46
69.67	67.98	76.35	73.87	41.63	-11.37	-54.53	-62.72
-34.26	11.49	46.71	48.92	14.59	-34.28	-63.32	-54.49
-22.55	1.72	4.24	-2.30	-1.79	1.01	-11.22	-38.06
-51.51	-25.40	27.75	59.29	30.63	-44.23	-107.93	-113.94
-69.12	-20.31	-2.55	-7.60	-4.51	17.38	35.96	26.41
-5.31	-26.41	-12.37	27.94	63.00	69.37	49.08	20.84
0.08	-11.55	-21.29	-33.31	-41.41	-33.07	-2.49	39.20
68.79	69.24	43.66	9.18	-22.19	-52.50	-85.29	-109.12
-102.91	-63.00	-19.89	-17.31	-67.97	-133.48	-157.36	-121.68
-65.67	-41.80	-56.78	-66.40	-31.84	30.27	66.05	49.05
11.62	4.63	36.43	65.80	54.69	14.35	-9.30	10.86
55.45	84.83	83.05	68.53	64.88	71.50	67.42	39.43
-1.26	-30.80	-35.70	-20.57	2.64	26.63	49.31	68.26
78.70	76.18	59.94	36.23	19.59	25.40	53.48	80.30
76.64	38.15	-7.71	-31.67	-35.21	-43.36	-65.71	-78.20
-53.09	0.18	38.87	34.07	2.67	-16.30	-9.71	-1.69
-16.43	-43.73	-52.59	-33.63	-13.11	-20.42	-51.48	-74.34
-67.16	-40.17	-18.71	-14.55	-20.51	-27.05	-33.85	-44.15
-55.16	-59.16	-51.80	-36.43	-20.23	-7.53	2.93	13.85
22.79	22.90	13.09	4.21	7.67	17.65	14.16	-9.76
-32.09	-25.26	6.76	29.05	18.42	-7.61	-15.42	1.05
18.68	24.25	33.30	59.45	82.88	71.26	27.38	-7.07
-2.95	19.37	19.48	-7.16	-23.31	-0.03	45.84	73.12
61.49	22.46	-24.70	-67.96	-92.14	-75.21	-12.40	61.90
94.88	65.51	7.29	-25.03	-9.26	27.03	38.66	6.20
-51.30	-99.18	-118.43	-117.59	-118.31	-130.65	-142.27	-132.68
-97.26	-53.87	-24.20	-13.01	-10.53	-11.68	-22.61	-44.41
-60.04	-49.02	-14.56	15.45	19.63	7.63	4.71	16.35
21.28	3.37	-21.43	-21.93	7.74	37.69	36.30	5.20
-27.38	-40.47	-34.89	-16.10	19.53	69.50	107.33	101.19
55.41	16.75	24.20	59.68	67.22	23.40	-30.06	-36.55
5.91	46.69	52.05	47.34	75.58	131.00	159.71	127.59
64.37	26.49	29.92	39.69	23.04	-9.19	-24.66	-18.07
-17.51	-42.85	-75.99	-83.00	-56.43	-21.89	-4.98	-6.47
-14.61	-28.40	-54.31	-85.19	-100.00	-91.18	-79.76	-90.73
-117.94	-127.37	-97.65	-45.82	-6.64	4.20	-4.72	-24.89
-58.46	-98.98	-118.85	-94.47	-41.29	-5.79	-15.23	-47.32

UD-ran-4.15m. acc							
-60.25	-44.27	-26.80	-27.88	-31.21	-12.54	16.25	15.07
-28.47	-70.02	-52.28	26.64	104.21	117.04	63.39	-4.00
-38.15	-38.80	-35.55	-45.89	-60.11	-61.20	-46.35	-25.43
-6.46	9.47	21.05	23.09	14.37	5.07	9.34	27.76
41.63	30.77	-2.54	-33.34	-41.58	-35.11	-35.86	-43.13
-24.25	44.22	130.15	161.04	99.17	-6.97	-64.60	-32.86
37.29	67.08	38.89	2.79	1.37	17.01	8.70	-19.33
-17.09	40.53	110.08	126.84	84.35	41.83	48.68	83.14
83.45	30.14	-26.82	-29.65	16.76	54.42	46.68	20.38
24.31	60.95	80.69	44.12	-27.08	-72.65	-59.35	-13.02
12.80	-10.60	-66.95	-115.81	-125.36	-91.41	-37.12	2.92
6.69	-19.15	-46.69	-52.00	-32.23	1.21	38.69	74.71
98.49	95.48	65.85	35.04	33.85	64.31	92.14	79.22
22.54	-42.69	-76.84	-68.45	-35.31	-2.34	16.32	18.54
7.66	-11.25	-32.25	-49.92	-61.27	-67.03	-72.47	-85.56
-109.52	-135.16	-145.17	-131.51	-107.19	-94.62	-100.59	-108.78
-100.82	-79.53	-63.56	-60.44	-54.80	-29.12	10.18	36.62
34.55	18.51	16.54	36.83	57.44	50.89	15.21	-23.73
-39.88	-32.36	-20.66	-18.50	-19.13	-8.15	15.38	37.94
50.51	60.50	79.65	103.90	113.12	93.66	56.22	26.11
16.21	14.43	0.38	-29.44	-58.73	-73.14	-78.03	-88.68
-106.20	-112.31	-92.00	-55.99	-32.78	-38.09	-57.87	-65.35
-51.65	-34.26	-33.60	-45.05	-39.84	3.64	71.88	124.95
135.70	117.20	106.02	118.46	130.09	104.64	41.20	-15.49
-17.54	34.13	85.68	81.89	21.45	-41.96	-55.29	-19.67
15.56	11.29	-17.03	-20.29	23.22	79.40	96.82	65.39
24.55	13.43	26.59	28.61	4.98	-18.07	-8.94	25.91
46.15	23.87	-25.09	-60.32	-60.83	-42.55	-34.10	-43.06
-50.27	-34.85	0.03	28.55	29.09	8.31	-4.13	12.96
47.56	66.00	50.36	19.23	5.91	19.44	35.73	28.76
1.87	-18.62	-15.66	2.21	15.82	17.11	11.81	7.95
8.41	11.44	11.70	2.49	-16.61	-34.20	-36.70	-25.99
-20.60	-33.92	-55.58	-61.68	-42.06	-10.50	12.56	19.73
15.56	3.00	-19.91	-51.07	-80.69	-99.94	-108.12	-107.04
-93.64	-66.12	-35.66	-21.17	-26.99	-34.29	-25.13	-11.05
-22.24	-63.74	-98.09	-87.30	-44.28	-20.86	-40.68	-65.84
-46.52	10.57	48.98	36.81	7.85	15.05	61.54	101.13
100.58	75.58	58.87	55.80	50.64	44.04	57.40	95.14
124.84	112.24	67.45	36.95	47.85	75.68	77.41	45.43
12.90	6.72	12.38	-3.38	-43.52	-70.63	-50.38	5.35
49.18	50.50	27.43	21.45	46.43	73.80	70.75	42.99
27.00	40.72	56.69	35.84	-18.45	-56.39	-37.29	21.58
61.57	43.69	-16.70	-73.52	-95.25	-82.69	-54.21	-26.63
-8.13	2.13	12.26	29.51	50.31	63.30	65.43	68.31
80.62	88.14	63.65	1.84	-63.42	-85.48	-48.61	18.19
69.55	81.89	65.95	48.62	45.50	48.21	36.42	3.70
-30.03	-37.92	-19.50	-6.12	-24.41	-58.96	-64.04	-16.52
52.79	89.14	70.42	24.72	-6.48	-10.39	-2.90	3.25
16.46	50.78	102.00	146.01	159.29	137.63	97.06	60.51
43.05	45.24	57.63	71.45	84.18	94.05	92.60	69.44
26.83	-15.50	-36.65	-34.59	-24.53	-16.70	-3.86	23.06
51.91	54.70	21.25	-21.07	-33.55	-12.69	1.83	-25.05
-75.41	-93.37	-52.60	5.96	17.81	-28.95	-79.74	-81.06
-45.23	-31.11	-67.11	-115.27	-119.84	-74.95	-26.79	-14.61
-29.81	-38.82	-29.56	-18.39	-17.17	-13.20	10.76	48.82
77.37	84.23	80.11	78.98	78.56	68.48	51.22	42.97
52.33	68.03	73.48	67.20	60.06	54.92	40.70	11.59
-16.64	-21.15	-2.51	10.42	-7.08	-43.86	-63.42	-46.39
-13.33	0.24	-15.16	-36.80	-42.21	-34.60	-29.85	-29.94
-24.58	-16.10	-24.22	-56.92	-89.59	-88.71	-52.40	-11.76
8.69	15.28	22.30	22.07	-3.15	-45.28	-69.32	-54.46
-19.99	1.30	3.15	3.28	8.33	3.65	-17.36	-33.59
-21.55	9.21	23.78	4.84	-27.29	-42.35	-35.71	-26.89
-30.84	-43.41	-53.57	-56.96	-51.99	-32.37	5.68	49.88
75.19	66.31	34.78	9.16	6.69	16.38	12.63	-13.58
-40.77	-39.47	-9.65	12.60	-5.15	-48.10	-64.66	-28.23
22.67	23.24	-38.88	-102.31	-101.56	-45.97	-8.67	-36.32
-91.92	-102.51	-50.83	4.74	4.24	-42.27	-72.98	-51.73
-3.88	25.39	25.66	19.81	23.71	30.50	33.38	40.07
53.02	53.35	25.89	-6.58	-0.43	49.69	90.37	68.58
2.30	-32.81	8.42	85.70	120.39	84.60	24.31	-2.10
13.51	35.40	34.65	15.54	-2.44	-9.58	-8.51	-5.67
-9.08	-25.59	-49.08	-55.75	-25.07	31.62	74.00	71.79
35.55	1.98	-6.70	1.08	8.86	16.65	33.75	55.08
59.48	35.16	-1.89	-22.33	-13.13	12.96	35.38	45.62

UD-ran-4. 15m. acc							
47.32	44.47	37.95	33.11	41.49	67.39	94.75	96.80
65.11	25.38	14.93	41.19	69.89	62.21	20.41	-14.39
-11.65	12.42	17.21	-11.53	-47.63	-61.03	-52.30	-41.03
-31.60	-9.30	29.38	60.41	58.06	28.60	4.97	9.24
32.07	51.85	62.04	70.92	81.62	85.64	77.28	63.82
56.12	55.07	53.77	49.10	44.23	41.81	42.47	49.80
67.25	86.17	86.41	58.77	22.06	5.21	11.15	10.24
-23.46	-77.86	-115.19	-114.60	-90.46	-67.67	-51.51	-31.13
-5.33	8.10	-8.27	-49.84	-91.42	-107.88	-92.74	-62.05
-43.00	-53.54	-85.96	-111.02	-104.51	-72.17	-44.83	-47.08
-73.99	-100.21	-107.02	-95.94	-79.64	-67.97	-64.50	-69.44
-80.19	-91.07	-96.44	-92.99	-77.21	-44.64	2.06	46.19
66.15	55.80	31.60	16.23	17.66	26.84	32.00	30.48
28.61	34.81	51.39	68.19	67.46	44.05	20.74	29.72
70.67	98.77	72.28	8.96	-25.56	5.26	60.92	71.08
21.80	-29.38	-28.42	8.45	20.43	-18.16	-68.10	-77.82
-45.46	-15.16	-20.94	-50.20	-63.79	-40.78	2.43	32.01
29.34	5.37	-12.82	-8.48	9.83	18.83	6.71	-12.26
-11.84	17.67	57.95	81.71	80.54	69.98	67.26	70.54
65.00	47.14	34.87	48.59	84.80	114.82	111.77	75.94
31.48	1.51	-8.78	-7.11	-1.76	0.78	-7.51	-30.91
-60.04	-75.43	-67.67	-50.58	-47.57	-64.43	-81.60	-76.43
-49.20	-21.60	-10.90	-12.31	-10.87	-5.31	-11.02	-36.09
-61.44	-54.90	-8.69	43.12	53.31	9.94	-49.32	-76.09
-61.52	-40.04	-43.40	-62.59	-64.81	-41.01	-19.23	-25.56
-46.62	-46.43	-16.67	7.75	-9.35	-58.98	-94.93	-84.74
-40.84	0.68	20.01	24.15	25.93	26.71	22.57	16.55
15.89	20.78	23.65	20.08	14.39	13.39	20.44	37.47
64.49	89.61	86.67	38.48	-33.42	-77.04	-61.53	-15.09
4.35	-22.48	-52.45	-33.67	29.41	80.41	76.43	31.87
-6.75	-12.84	5.43	29.87	50.56	59.10	44.35	8.26
-24.49	-28.90	-9.49	6.54	7.47	12.46	39.03	68.02
60.22	8.34	-45.01	-52.27	-15.76	14.09	-5.73	-67.02
-124.12	-143.08	-131.27	-121.88	-135.98	-161.17	-165.35	-130.96
-75.74	-37.25	-34.84	-50.38	-51.68	-32.06	-17.08	-28.83
-54.11	-59.43	-33.87	-2.52	6.88	-1.87	-4.67	4.85
6.38	-13.57	-35.12	-26.81	11.83	45.98	46.90	23.63
5.07	1.44	-1.60	-14.62	-28.01	-28.80	-19.50	-9.00
5.42	31.38	59.79	66.80	42.42	4.07	-26.58	-48.27
-68.10	-74.10	-43.47	17.46	63.36	58.97	27.66	27.76
78.07	129.59	126.24	78.61	52.83	86.11	138.10	141.50
86.43	30.85	27.12	60.51	73.99	40.63	-8.83	-29.21
-12.32	14.09	26.14	26.36	28.67	35.80	39.21	34.61
28.76	30.59	39.40	43.21	28.78	-4.15	-37.34	-47.09
-28.30	-3.50	-0.68	-20.82	-35.07	-19.49	12.97	24.77
-2.18	-44.16	-62.63	-47.46	-24.85	-23.28	-41.64	-56.49
-54.90	-49.40	-57.89	-77.12	-84.65	-66.28	-33.18	-7.73
1.45	2.31	-0.30	-14.86	-47.25	-83.00	-97.77	-84.97
-60.66	-37.42	-6.80	39.57	80.72	80.69	37.44	-2.08
6.57	48.47	66.11	34.24	-5.89	-1.98	36.91	49.59
3.70	-59.77	-78.07	-46.05	-19.13	-38.91	-80.63	-88.00
-45.76	2.83	9.93	-22.44	-49.19	-33.85	15.50	56.87
52.83	1.19	-63.08	-95.17	-77.54	-34.42	-6.07	-7.51
-17.65	-10.88	10.09	21.03	9.95	-8.87	-15.13	-5.23
10.56	22.92	25.59	10.24	-25.33	-62.16	-68.01	-30.19
26.37	63.66	69.54	61.56	54.31	38.99	3.89	-36.39
-48.71	-18.45	33.51	74.01	87.58	78.53	56.33	32.71
25.96	47.59	80.20	86.25	52.09	12.19	11.30	46.05
64.50	30.60	-27.88	-50.61	-14.67	44.65	81.05	85.62
80.27	79.30	75.89	62.54	45.80	34.13	23.16	3.63
-21.97	-41.93	-52.69	-62.88	-77.87	-90.50	-93.58	-93.74
-102.45	-115.99	-116.40	-95.74	-70.20	-62.30	-73.60	-83.87
-76.55	-57.26	-44.27	-46.44	-55.40	-57.23	-46.89	-30.79
-18.10	-10.81	-2.36	12.94	28.80	29.23	7.02	-21.47
-28.31	-5.35	23.02	26.85	7.84	-1.75	20.09	56.65
74.37	65.96	57.41	71.42	98.12	110.48	99.59	81.80
73.13	69.25	55.09	25.61	-9.22	-35.07	-42.62	-30.87
-9.21	5.57	3.57	-4.52	3.53	33.18	60.17	54.90
18.05	-17.47	-23.31	-6.37	4.05	-4.54	-12.04	7.70
52.03	89.31	92.56	66.16	36.23	21.14	18.86	20.80
26.41	36.35	38.81	17.10	-24.57	-54.02	-41.97	2.00
35.54	28.98	-4.29	-28.61	-28.91	-21.29	-23.87	-31.67
-26.63	-2.55	30.09	59.32	80.25	89.33	82.19	63.59
51.44	61.50	89.65	116.32	128.07	128.25	126.10	123.16
115.16	101.52	86.17	71.48	57.96	49.04	47.84	47.64

UD-ran-4.15m. acc							
34.17	4.78	-20.00	-14.69	19.59	49.92	43.63	2.45
-39.60	-51.32	-33.95	-16.44	-24.44	-54.21	-75.89	-63.67
-24.98	3.33	-6.92	-41.52	-56.49	-27.91	18.53	36.36
11.87	-23.79	-37.51	-34.98	-47.15	-83.62	-115.87	-110.61
-68.61	-21.99	1.13	0.26	-6.03	-2.30	11.98	24.14
16.92	-18.53	-70.99	-113.49	-126.66	-117.02	-104.83	-94.00
-65.45	-7.42	57.09	87.74	72.35	41.30	29.38	34.06
25.32	-6.96	-33.46	-21.98	17.62	40.62	20.17	-19.34
-29.29	8.10	60.55	81.56	58.80	22.13	7.28	18.22
28.32	14.45	-16.88	-39.64	-40.19	-33.00	-42.44	-72.48
-99.32	-96.53	-65.59	-37.02	-37.98	-60.97	-71.62	-50.78
-21.45	-23.03	-59.22	-85.87	-61.48	-1.65	33.77	10.46
-38.76	-52.86	-13.26	40.01	60.26	43.81	20.12	7.49
-3.85	-27.56	-57.59	-75.76	-73.51	-57.83	-40.83	-30.87
-30.82	-36.39	-37.01	-26.09	-10.74	-2.98	0.11	15.72
47.47	68.88	50.73	2.42	-32.15	-26.77	-5.51	-9.47
-41.17	-63.45	-53.81	-37.33	-51.47	-92.13	-116.35	-97.93
-60.95	-49.12	-73.83	-105.35	-109.73	-81.45	-39.34	-3.37
18.04	26.64	30.87	41.60	62.23	81.22	81.53	61.58
41.70	43.59	65.47	84.22	82.84	68.86	61.87	68.10
75.29	71.33	59.60	51.67	50.66	49.25	42.65	35.91
34.93	35.59	27.73	9.09	-9.90	-17.46	-13.70	-9.80
-14.47	-23.55	-24.12	-8.41	17.22	37.21	40.32	28.01
10.34	-4.38	-14.63	-21.99	-25.61	-22.93	-15.77	-13.64
-27.10	-54.22	-74.59	-63.55	-18.69	30.05	45.20	20.20
-12.98	-20.19	-3.94	2.86	-19.12	-49.88	-54.72	-26.92
5.84	17.21	13.03	19.28	45.49	71.11	71.30	48.76
30.73	34.37	43.43	27.21	-19.23	-63.51	-70.69	-44.43
-22.81	-31.79	-53.75	-51.76	-19.63	7.29	-3.74	-39.47
-53.98	-22.72	29.30	57.31	44.85	14.09	-5.47	-6.44
-1.12	-1.61	-10.22	-24.21	-40.28	-53.34	-57.97	-54.29
-48.32	-43.36	-34.68	-18.03	-0.93	2.12	-11.79	-26.78
-25.64	-11.68	-5.25	-17.61	-35.89	-39.31	-25.42	-11.59
-10.82	-15.23	-8.62	10.34	25.91	25.64	15.26	9.40
12.93	17.68	16.13	10.94	8.02	5.95	-0.94	-10.04
-8.99	9.21	33.83	45.48	37.15	20.44	9.92	7.68
7.84	10.79	22.92	41.35	48.43	29.35	-8.01	-38.52
-45.32	-33.87	-18.99	-4.70	16.70	48.62	80.77	98.28
96.15	82.51	69.90	66.01	70.95	79.62	86.09	87.83
87.39	89.10	93.19	93.52	82.96	62.16	42.80	39.59
56.85	83.66	104.60	115.05	121.60	126.12	116.29	80.22
28.90	-6.75	-7.50	11.15	15.16	-11.11	-51.46	-80.28
-88.15	-81.71	-68.19	-50.98	-36.54	-32.93	-37.79	-37.74
-26.33	-15.72	-20.24	-31.58	-23.61	12.88	50.51	51.82
12.69	-31.95	-48.31	-38.76	-29.08	-28.69	-19.20	14.39
54.36	65.07	34.26	-11.76	-37.10	-31.78	-13.11	0.65
7.55	14.67	25.12	36.94	47.12	49.99	37.60	11.18
-10.03	-3.64	27.87	53.76	48.00	20.08	2.17	7.76
15.85	1.37	-29.73	-47.51	-37.36	-19.44	-23.78	-53.01
-78.22	-71.44	-36.00	-1.97	5.47	-10.77	-27.77	-29.58
-22.40	-23.06	-37.28	-53.92	-59.76	-54.15	-46.02	-40.49
-34.24	-23.93	-13.75	-12.14	-23.68	-45.64	-68.93	-80.18
-68.50	-37.53	-8.92	-4.11	-19.01	-25.16	-3.49	28.43
34.42	4.87	-28.22	-27.96	4.78	36.64	45.00	41.51
48.55	65.34	69.33	47.62	15.11	-0.91	12.32	43.58
68.10	64.74	30.55	-13.84	-37.76	-29.02	-8.85	-9.13
-32.76	-47.08	-23.73	23.62	53.99	48.00	26.77	18.19
20.92	16.05	4.88	12.58	49.45	87.45	91.03	62.50
38.24	40.34	50.88	43.15	22.59	17.86	36.11	48.81
29.67	-9.36	-34.97	-36.58	-35.33	-48.95	-67.13	-72.41
-70.57	-80.94	-100.65	-100.53	-65.00	-19.70	-3.46	-20.47
-39.17	-38.38	-33.79	-48.42	-73.13	-76.96	-52.02	-26.42
-26.68	-45.21	-57.57	-58.44	-60.49	-63.03	-46.63	-7.79
21.11	6.51	-39.37	-67.59	-51.12	-16.14	-4.44	-18.70
-22.94	6.33	48.79	67.86	56.92	44.32	54.89	79.13
86.32	61.77	23.71	3.28	12.90	36.42	48.06	38.18
20.23	15.08	30.04	52.43	61.35	45.50	12.37	-17.59
-26.84	-14.69	2.81	7.98	-2.30	-16.02	-21.22	-18.45
-16.11	-16.53	-12.45	1.23	16.79	19.14	1.90	-25.04
-45.56	-53.50	-56.69	-64.18	-71.11	-61.18	-28.07	8.02
13.66	-22.24	-70.52	-88.51	-65.77	-34.82	-31.45	-52.14
-61.47	-39.53	-7.46	1.40	-13.47	-17.28	16.27	69.84
99.01	80.73	37.33	10.93	19.13	40.94	45.08	25.88
6.53	8.52	24.77	28.61	7.61	-18.91	-21.07	5.43
31.19	24.28	-13.77	-47.94	-46.02	-11.41	22.80	30.18

UD-ran-4.15m. acc							
17.23	12.33	31.62	60.43	69.72	48.14	14.56	-1.18
12.22	38.38	51.81	43.67	28.40	25.57	36.30	40.37
19.35	-18.07	-39.14	-20.25	24.74	55.54	47.13	15.58
-1.89	11.01	34.56	39.61	20.91	-1.24	-7.01	3.38
15.49	18.16	11.82	5.01	7.46	22.94	42.88	48.79
28.39	-8.61	-36.45	-38.80	-24.37	-13.21	-11.90	-9.70
2.15	17.23	24.68	26.21	33.90	52.61	72.82	83.36
84.67	84.35	83.41	74.28	53.23	29.04	15.49	17.44
27.51	35.05	34.93	28.29	19.06	12.17	11.61	16.30
18.66	10.98	-6.01	-24.17	-38.66	-53.42	-71.99	-85.72
-78.70	-47.60	-10.83	8.34	6.45	1.10	6.70	16.47
13.47	-5.67	-27.05	-38.32	-41.35	-42.66	-40.22	-29.17
-16.48	-17.45	-34.35	-48.54	-41.91	-21.39	-12.44	-27.92
-52.13	-59.82	-45.11	-25.35	-19.39	-29.11	-42.75	-49.84
-48.81	-43.69	-38.73	-36.15	-35.18	-31.94	-22.85	-10.47
-4.43	-13.01	-32.33	-46.17	-40.02	-16.83	3.47	3.06
-14.84	-29.20	-24.49	-7.50	3.26	2.24	3.12	17.36
34.17	31.46	6.04	-17.24	-12.46	17.67	46.68	55.64
48.87	37.33	19.44	-10.49	-40.95	-47.36	-23.67	2.02
-3.97	-39.74	-67.95	-60.10	-29.99	-14.77	-30.17	-56.37
-67.23	-60.06	-49.92	-44.47	-37.35	-24.41	-13.28	-11.41
-13.63	-10.35	-3.59	-3.84	-10.97	-10.26	5.93	21.98
16.92	-4.01	-10.28	15.78	52.71	63.19	38.74	7.76
-1.43	7.79	13.23	6.86	0.53	2.11	2.97	-4.30
-8.52	6.52	36.56	59.16	62.98	61.27	68.60	75.21
58.66	18.77	-14.06	-12.27	15.94	36.76	30.15	9.46
0.79	11.35	24.50	22.17	5.74	-6.43	1.35	26.32
49.28	51.78	32.55	8.20	-2.98	1.92	10.05	8.54
-1.44	-7.21	0.83	18.87	33.63	34.97	24.81	14.50
12.85	16.57	13.73	-1.40	-19.30	-25.14	-17.74	-13.09
-25.05	-47.23	-60.47	-57.23	-50.29	-54.46	-66.75	-71.28
-59.79	-39.11	-18.84	-0.95	14.43	20.66	10.67	-10.74
-28.86	-35.08	-34.84	-37.10	-41.82	-43.49	-42.52	-44.88
-50.39	-49.70	-37.31	-22.01	-17.72	-25.69	-32.77	-28.49
-17.87	-13.46	-18.65	-24.54	-22.71	-15.11	-8.59	-4.08
3.20	13.03	15.91	4.31	-13.39	-15.98	9.34	50.42
78.89	77.27	55.29	36.96	33.78	35.18	25.69	5.99
-8.45	-7.09	3.69	10.17	7.75	3.27	3.57	7.64
11.26	14.62	21.31	31.48	39.99	42.14	38.80	34.23
30.25	23.92	10.34	-12.63	-41.15	-65.19	-73.36	-61.82
-39.88	-23.97	-23.02	-30.04	-30.47	-18.60	-3.32	3.27
-0.19	-4.29	-1.99	2.20	-2.40	-19.28	-39.20	-48.17
-40.56	-24.14	-12.82	-13.83	-20.76	-19.04	-0.04	28.55
47.92	46.32	31.88	23.26	26.63	26.92	7.50	-24.75
-42.74	-30.71	-5.13	2.84	-17.18	-44.64	-53.43	-39.40
-18.71	-5.78	-1.14	0.79	1.31	-1.16	-5.06	-6.78
-5.95	-4.66	-1.60	7.56	22.01	32.11	28.32	12.87
-1.01	-2.41	7.47	20.15	31.48	44.33	59.53	68.75
60.83	35.52	7.14	-7.97	-6.99	-1.21	-1.65	-7.15
-8.56	-2.14	5.54	6.69	2.22	-0.16	4.02	11.86
18.43	22.31	23.98	22.22	15.91	8.17	4.74	6.86
8.50	2.68	-10.70	-25.06	-34.20	-36.70	-34.00	-27.29
-18.42	-11.85	-11.99	-17.58	-21.14	-16.14	-4.61	4.44
4.79	-0.34	-2.87	-0.24	1.20	-5.72	-18.81	-27.06
-22.06	-7.59	3.48	1.65	-11.56	-27.52	-39.08	-43.57
-40.06	-28.42	-12.03	2.07	8.29	6.14	-2.48	-16.46
-31.96	-38.44	-26.45	-2.32	12.37	3.51	-15.81	-17.96
4.76	27.21	21.14	-7.51	-22.55	-1.84	32.89	39.78
6.85	-33.33	-42.07	-18.41	4.58	3.12	-9.84	-5.37
22.11	46.98	43.38	14.26	-15.20	-26.87	-24.33	-20.14
-17.97	-12.14	0.17	12.75	16.43	7.74	-8.10	-19.98
-18.18	-3.98	7.36	-0.74	-26.73	-48.85	-48.55	-33.01
-26.17	-36.74	-45.01	-27.98	9.20	37.53	39.26	27.06
23.08	28.18	23.41	0.01	-24.49	-26.32	-4.53	18.02
20.69	4.35	-15.18	-24.87	-21.56	-8.12	8.96	19.24
13.70	-5.53	-24.76	-31.74	-27.28	-21.09	-18.43	-15.18
-5.67	8.81	21.05	24.63	18.22	6.19	-2.88	-0.92
12.14	26.06	29.49	22.88	18.75	26.83	41.09	45.46
32.36	12.12	1.77	6.49	15.37	15.98	10.05	11.33
27.77	49.81	60.07	53.44	42.64	41.20	45.30	38.92
16.74	-5.62	-9.16	4.83	16.26	11.49	-0.17	0.57
18.13	36.45	37.46	19.99	-1.52	-12.65	-10.34	-1.14
7.27	11.65	13.25	14.38	14.95	12.24	4.59	-4.47
-7.35	1.22	18.69	36.50	47.18	49.56	47.40	44.45
41.49	37.44	32.36	28.72	29.28	33.42	35.71	29.83

				UD-ran-4.15m. acc			
15.49	0.70	-5.33	-2.99	-3.77	-17.60	-38.90	-49.22
-37.20	-13.87	-3.43	-17.64	-42.94	-55.16	-44.39	-22.01
-4.87	1.43	2.04	0.60	-6.17	-21.64	-41.12	-53.34
-49.35	-29.19	-1.66	20.70	28.21	19.84	4.12	-7.80
-12.00	-13.88	-18.86	-22.71	-15.46	4.11	22.31	23.38
7.86	-6.63	-4.43	11.60	24.74	22.98	9.52	-3.53
-6.62	2.20	18.02	30.74	29.73	13.56	-4.75	-8.06
6.28	22.25	23.58	13.75	11.67	27.55	49.68	58.79
50.80	39.08	35.59	36.95	32.35	19.96	9.62	10.24
20.37	32.64	42.65	49.35	49.63	38.98	19.06	-0.46
-11.67	-17.30	-25.20	-34.45	-33.50	-15.46	8.67	18.04
3.59	-22.63	-41.03	-44.00	-39.23	-36.66	-37.39	-36.19
-30.71	-24.27	-20.37	-18.20	-15.10	-11.50	-10.56	-13.08
-15.16	-12.66	-6.71	-2.29	-1.59	-1.47	1.12	3.70
1.74	-3.26	-3.51	5.45	18.00	25.06	25.68	27.50
34.94	41.55	37.41	21.58	3.24	-8.85	-13.54	-13.00
-6.16	8.85	27.24	37.63	32.63	17.42	5.06	3.03
6.02	3.39	-7.58	-17.96	-18.04	-9.97	-6.26	-14.37
-25.75	-24.49	-6.26	15.81	26.80	27.27	29.71	39.28
45.69	38.24	23.09	17.53	27.18	36.96	29.21	6.05
-13.34	-16.43	-10.44	-8.62	-10.50	-4.46	11.22	20.17
7.14	-19.57	-34.34	-24.25	-5.26	-2.81	-20.82	-38.23
-36.26	-20.55	-10.98	-15.12	-20.49	-12.90	5.90	23.03
30.54	30.17	25.26	16.84	8.96	9.38	19.36	28.00
23.98	10.85	2.72	4.28	3.56	-10.76	-31.47	-40.28
-30.86	-15.90	-9.74	-11.55	-10.41	-2.11	6.34	7.70
3.13	-2.06	-6.60	-13.02	-21.65	-28.85	-31.54	-30.38
-27.48	-23.04	-16.05	-7.62	-1.93	-3.16	-11.54	-22.49
-29.41	-27.88	-18.58	-7.14	-0.89	-4.09	-14.48	-24.37
-26.97	-22.97	-19.88	-23.15	-28.62	-26.81	-15.35	-3.84
-3.22	-12.43	-19.94	-18.78	-14.90	-18.30	-29.32	-38.50
-38.31	-30.33	-20.23	-10.73	-1.91	5.26	9.63	12.02
12.71	8.58	-1.81	-10.96	-7.53	7.97	18.97	11.28
-7.87	-17.88	-11.91	-6.20	-17.52	-39.44	-50.14	-40.87
-26.13	-23.84	-34.48	-44.87	-45.83	-38.04	-24.26	-6.05
10.45	14.73	4.09	-9.39	-11.20	-1.84	5.03	1.87
-3.19	-0.02	6.74	3.48	-10.91	-18.99	-5.52	20.95
35.58	26.30	8.02	3.76	16.82	29.30	26.98	16.95
15.58	25.36	33.08	30.50	26.80	34.33	47.98	49.13
30.73	9.36	6.49	22.84	39.22	41.43	35.36	34.05
37.34	33.20	17.31	1.85	0.15	8.76	11.83	2.00
-10.42	-11.87	-3.60	0.40	-7.96	-20.23	-22.19	-11.28
1.50	6.55	7.48	14.22	27.14	34.11	25.67	8.57
-0.77	4.43	14.44	17.07	13.06	12.03	16.23	16.08
4.54	-10.78	-15.66	-7.34	1.85	-0.17	-11.64	-22.13
-27.01	-31.08	-37.92	-41.79	-34.42	-17.86	-5.50	-8.46
-22.76	-32.38	-25.31	-5.42	12.19	17.08	13.53	14.13
24.04	33.72	28.91	7.05	-18.88	-33.53	-33.74	-28.37
-26.12	-27.51	-28.57	-27.13	-23.14	-16.10	-6.85	-0.16
-0.50	-4.67	-3.76	4.76	11.33	5.96	-6.28	-7.97
9.79	34.03	41.95	25.48	-0.15	-13.03	-6.45	7.36
12.71	6.06	-4.22	-10.11	-12.61	-17.65	-25.77	-29.28
-21.32	-6.60	0.53	-9.11	-27.34	-34.53	-19.29	8.88
28.24	26.15	10.16	-1.82	-0.21	9.14	15.01	14.47
14.37	20.92	31.51	38.64	39.70	39.11	40.32	39.38
29.88	12.72	-3.25	-11.15	-12.95	-13.96	-13.85	-8.25
1.38	5.72	-1.29	-12.99	-16.82	-9.57	-0.83	-0.62
-8.03	-15.07	-17.62	-17.77	-17.10	-13.96	-8.95	-7.73
-13.63	-19.82	-14.60	4.49	25.49	33.18	23.59	6.15
-6.32	-7.37	0.69	9.70	10.87	1.60	-10.52	-13.53
-4.16	6.79	6.35	-4.20	-10.26	-3.13	7.25	4.29
-12.94	-26.60	-21.42	-3.57	6.70	-1.21	-17.10	-23.10
-13.35	1.65	7.44	-1.01	-16.80	-28.19	-27.24	-14.64
1.13	9.77	7.09	-1.48	-5.69	-0.15	10.15	14.63
8.03	-3.72	-9.85	-6.45	-0.03	1.33	-2.32	-4.85
-4.42	-6.95	-16.88	-28.14	-29.26	-17.30	-2.42	3.73
1.16	-0.12	6.29	15.14	16.51	7.99	-2.82	-7.14
-3.54	3.04	8.60	14.27	23.06	34.44	43.64	46.66
44.31	40.01	34.47	25.35	12.98	3.86	4.97	14.85
23.51	22.78	14.45	6.05	0.81	-4.53	-11.94	-16.94
-14.04	-4.73	4.17	9.62	15.32	23.84	29.79	25.76
14.00	6.84	12.72	25.11	29.49	20.46	7.64	3.13
6.87	7.99	-0.87	-14.82	-23.05	-20.65	-12.03	-4.66
-2.09	-2.42	-1.10	4.83	13.00	15.75	6.50	-12.21
-28.80	-33.11	-26.14	-17.12	-11.68	-6.23	4.18	15.68

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17.49	4.72	-13.87	-23.35	-17.28	-2.98	7.42	8.63
3.73	-3.42	-13.38	-27.28	-40.66	-45.03	-36.41	-20.08
-5.00	5.09	12.76	20.05	24.05	21.18	13.45	7.47
6.99	8.71	6.03	-4.06	-18.11	-28.70	-29.59	-20.62
-8.82	-3.21	-6.53	-12.52	-13.09	-7.75	-4.01	-8.35
-18.98	-28.64	-32.49	-31.72	-30.68	-32.73	-38.01	-42.83
-41.08	-29.57	-13.31	-3.13	-5.10	-13.28	-15.65	-7.53
3.68	7.99	4.65	1.89	6.35	15.72	22.04	20.05
10.93	-0.25	-8.60	-11.47	-8.87	-3.21	2.26	5.86
8.44	11.44	14.11	13.79	9.39	4.26	4.33	12.64
25.57	34.71	33.01	20.25	3.53	-7.32	-6.64	2.97
13.26	18.04	18.74	21.27	27.31	31.18	27.16	18.09
12.94	14.94	16.23	7.39	-9.40	-20.90	-17.07	-2.10
10.44	11.38	2.93	-6.40	-10.54	-9.20	-5.30	-1.57
0.38	-0.46	-4.46	-10.29	-14.45	-13.05	-5.88	1.38
1.13	-8.29	-19.25	-21.55	-13.29	-3.52	-2.89	-12.42
-22.98	-25.61	-20.33	-13.80	-10.01	-6.18	1.65	11.48
16.39	12.51	3.78	-2.48	-3.38	-2.39	-3.90	-8.09
-11.79	-12.76	-11.63	-10.04	-8.70	-7.89	-8.66	-12.34
-18.62	-24.52	-25.76	-19.93	-9.38	-1.35	-3.65	-17.92
-36.27	-46.14	-40.85	-25.76	-12.74	-8.38	-8.58	-5.56
1.78	6.99	5.24	0.08	-1.16	3.14	7.45	7.31
5.40	6.84	10.80	11.05	5.27	-0.31	1.48	8.87
13.16	10.53	7.38	11.04	18.43	18.49	5.87	-11.66
-21.77	-20.94	-16.72	-17.63	-24.12	-30.05	-30.38	-25.64
-20.22	-18.29	-20.63	-23.39	-19.97	-6.72	11.85	25.41
27.25	20.95	15.78	16.04	17.49	14.74	9.59	8.87
15.12	22.52	23.40	17.03	9.77	7.62	10.65	15.24
19.39	23.57	27.03	26.26	18.91	8.41	2.24	4.55
11.70	16.41	15.80	13.50	13.60	14.64	12.11	5.79
1.58	4.40	11.74	16.98	18.09	19.34	23.24	24.50
16.26	0.87	-10.30	-9.51	-1.53	3.15	1.09	-2.56
-4.29	-7.52	-14.73	-19.53	-13.00	2.82	14.48	12.36
1.82	-5.25	-6.23	-9.00	-17.94	-25.97	-24.21	-14.78
-8.25	-10.25	-16.14	-19.06	-17.36	-12.09	-2.92	8.43
14.10	7.03	-7.86	-15.91	-9.47	2.52	6.33	1.26
-1.10	5.48	12.80	10.61	1.88	-1.40	4.22	8.37
1.31	-12.36	-19.63	-15.48	-7.01	-1.80	1.43	7.34
14.13	15.23	9.66	4.77	6.53	11.42	11.88	7.26
4.41	7.21	10.78	8.58	1.76	-2.96	-3.26	-3.49
-5.88	-4.47	7.46	25.94	37.46	33.18	18.61	6.98
5.09	8.58	9.66	5.26	-2.89	-12.38	-20.80	-24.41
-20.41	-11.29	-4.03	-3.14	-6.29	-8.76	-10.26	-14.29
-21.12	-25.51	-23.48	-18.63	-17.93	-22.36	-25.76	-23.91
-20.41	-20.43	-21.18	-14.00	3.33	20.65	25.25	15.76
3.20	-1.44	2.33	6.70	5.27	-1.41	-8.21	-10.58
-7.62	-2.44	0.42	-0.33	-0.26	6.34	18.18	25.81
21.64	10.09	3.82	8.85	17.21	16.93	6.86	-2.66
-3.46	0.74	-0.06	-9.95	-23.44	-32.13	-31.70	-23.02
-10.14	1.40	6.73	4.93	0.00	-2.74	-1.29	2.14
3.89	1.88	-3.25	-8.27	-9.18	-4.83	1.12	3.45
1.19	-1.13	1.12	7.21	12.18	12.26	7.56	0.56
-5.80	-8.57	-6.02	0.01	5.03	6.69	7.42	10.34
13.82	13.21	8.26	5.32	9.97	19.51	25.63	24.29
20.09	20.13	25.77	32.00	33.54	29.67	23.53	18.52
16.10	16.12	18.12	21.83	25.98	27.22	21.92	10.80
0.64	-1.43	4.09	9.51	9.48	7.40	9.25	13.24
10.75	-1.68	-16.11	-22.47	-20.72	-18.95	-20.80	-20.66
-13.45	-3.96	-1.50	-7.58	-14.36	-15.89	-15.72	-19.98
-26.87	-28.10	-20.60	-11.67	-10.37	-17.12	-24.83	-28.32
-28.23	-26.06	-20.35	-10.85	-3.06	-3.66	-11.49	-17.24
-14.38	-7.47	-6.35	-13.35	-20.37	-19.22	-11.20	-3.78
-0.11	3.57	9.97	14.79	11.83	2.12	-6.21	-7.23
-3.20	0.07	1.04	2.30	4.33	3.75	-0.63	-3.48
1.58	12.71	19.88	15.72	4.11	-4.31	-4.15	-0.04
0.75	-2.30	-3.48	0.66	6.17	6.55	0.82	-5.36
-6.82	-4.80	-4.61	-8.58	-13.38	-14.70	-12.89	-12.44
-16.47	-22.83	-25.79	-21.02	-9.47	2.70	8.56	6.47
2.16	3.31	11.13	18.80	19.83	16.28	15.83	20.93
24.70	20.26	11.50	9.92	20.17	32.62	33.57	21.34
8.64	8.32	19.68	30.82	32.77	27.96	24.57	25.77
27.28	24.15	16.91	10.07	6.69	6.31	7.02	7.31
6.18	3.49	1.37	3.08	8.89	14.02	13.27	7.45
3.00	4.23	8.18	8.72	4.50	0.04	-0.54	1.73
3.38	3.67	4.66	6.93	7.86	5.32	1.16	-0.67

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0.97	3.16	2.88	0.69	-0.67	-0.26	-0.03	-1.88
-5.26	-8.13	-8.74	-5.89	1.02	10.24	17.01	17.46
13.73	12.74	17.83	23.52	21.34	10.80	1.32	1.86
10.66	17.55	15.56	7.23	-0.43	-4.30	-6.26	-8.20
-9.47	-9.43	-9.46	-10.40	-9.85	-4.71	3.98	10.73
10.77	3.91	-6.84	-18.13	-26.03	-25.48	-14.20	1.95
11.04	5.76	-8.34	-17.74	-14.60	-3.76	4.25	4.91
2.59	2.90	5.79	7.27	5.67	3.37	2.69	2.64
1.05	-1.63	-2.53	-0.29	2.88	3.40	-0.20	-6.43
-12.13	-13.85	-9.27	0.44	9.66	12.24	7.97	3.60
5.17	10.19	10.43	3.03	-4.49	-3.21	5.10	9.18
2.28	-9.01	-12.75	-6.02	2.45	3.59	-2.36	-8.56
-10.54	-9.18	-6.70	-3.83	-1.38	-1.14	-3.19	-4.04
0.16	9.03	17.92	22.30	21.27	17.02	12.52	9.92
9.73	10.33	9.08	4.89	-0.20	-2.59	-0.70	3.23
4.99	2.13	-4.01	-9.77	-12.86	-14.34	-16.43	-18.48
-16.29	-6.99	5.91	14.18	12.91	5.91	1.40	2.70
4.91	1.89	-5.37	-9.45	-5.71	1.31	2.64	-4.70
-13.78	-15.37	-8.21	-0.12	1.32	-2.65	-4.61	-1.30
1.75	-2.12	-10.34	-12.63	-4.05	6.89	7.13	-4.59
-14.95	-11.83	0.52	6.64	-0.41	-10.17	-8.64	2.89
8.82	-0.35	-14.64	-16.23	-2.08	11.39	8.34	-6.71
-14.26	-3.61	14.49	21.60	13.60	3.61	4.13	12.36
16.23	10.79	3.10	1.23	4.02	4.62	0.79	-2.79
-1.98	1.30	2.47	0.28	-3.22	-7.02	-11.56	-14.79
-11.82	-1.52	8.47	7.55	-5.79	-20.58	-24.31	-16.13
-6.68	-5.21	-10.08	-13.24	-11.26	-8.22	-8.01	-8.31
-4.76	1.38	4.04	1.14	-1.62	1.70	8.41	9.91
2.94	-5.78	-7.79	-2.77	2.74	4.45	4.18	4.49
3.63	-1.66	-10.50	-18.05	-20.94	-19.76	-16.57	-12.29
-7.82	-5.12	-5.39	-7.25	-8.65	-9.74	-11.52	-12.13
-7.49	3.11	14.36	19.89	18.74	14.81	10.92	6.55
1.47	-1.40	0.88	7.05	12.89	15.90	16.29	13.90
7.24	-2.74	-10.78	-11.88	-7.04	-1.94	-0.03	0.68
3.31	7.02	8.19	5.12	-0.82	-7.99	-15.55	-21.26
-21.53	-16.10	-10.71	-11.54	-16.48	-15.83	-3.95	12.26
19.96	15.16	6.54	3.64	5.21	3.46	-2.51	-3.63
6.69	21.79	28.32	22.25	13.31	12.59	19.70	25.17
22.96	16.49	12.33	12.39	13.94	14.59	13.95	11.23
4.61	-5.71	-15.65	-20.43	-19.21	-15.74	-14.47	-16.57
-19.17	-18.00	-11.17	-1.65	4.33	2.76	-3.55	-7.14
-3.55	3.79	7.78	6.03	3.19	4.55	9.21	11.49
8.49	3.99	4.28	10.89	18.72	21.03	15.86	7.37
1.45	0.48	2.29	3.69	3.60	2.52	0.21	-4.16
-9.44	-12.10	-10.09	-5.99	-4.55	-7.20	-10.75	-12.14
-12.40	-14.14	-16.42	-15.18	-8.95	-1.87	1.00	-0.32
-1.60	-0.94	-1.35	-5.64	-11.16	-12.24	-7.19	0.03
5.56	10.06	15.14	17.83	13.14	2.77	-3.20	3.04
16.27	22.27	13.43	-2.94	-13.46	-13.25	-8.44	-5.93
-5.32	-2.19	4.19	10.01	12.20	11.01	7.24	0.67
-7.13	-11.37	-8.59	-1.66	3.15	4.07	5.38	9.56
11.86	6.49	-3.37	-7.21	-0.20	9.65	10.94	3.15
-3.20	-0.36	7.38	10.70	7.72	4.97	6.73	8.45
3.11	-8.89	-19.39	-21.56	-16.42	-9.83	-5.90	-5.13
-7.00	-11.18	-15.70	-16.71	-12.16	-5.06	-1.05	-2.31
-5.51	-6.29	-4.43	-3.31	-5.02	-8.15	-10.12	-9.85
-6.98	-0.67	8.40	15.61	15.62	9.20	4.28	7.16
13.80	13.49	2.16	-11.16	-14.10	-5.51	3.39	2.59
-5.64	-11.51	-10.87	-9.15	-12.10	-17.08	-16.76	-9.41
-1.27	1.92	1.90	3.74	7.15	6.36	-0.90	-8.41
-8.61	-2.89	-0.54	-6.95	-16.41	-19.26	-14.00	-8.96
-11.66	-20.03	-25.80	-24.53	-19.52	-16.33	-16.30	-16.75
-15.67	-13.98	-13.26	-13.05	-11.73	-9.11	-6.92	-6.38
-6.49	-5.76	-5.21	-7.97	-14.88	-21.60	-22.16	-15.83
-8.93	-8.24	-13.35	-17.05	-13.56	-4.77	2.24	2.97
-0.31	-1.82	1.71	8.14	12.50	12.07	9.49	10.37
16.74	23.14	21.19	9.74	-1.45	-1.15	9.97	18.74
14.15	0.27	-8.92	-6.48	0.27	0.97	-3.94	-5.14
1.45	8.27	6.17	-3.58	-11.21	-10.85	-6.24	-3.69
-3.75	-2.81	-0.16	0.82	-1.28	-2.69	0.77	7.76
12.55	11.73	7.62	4.77	4.90	6.28	6.92	6.73
6.87	7.98	9.65	10.94	11.03	9.89	8.40	7.65
7.56	6.64	3.66	-0.35	-2.37	-0.20	5.13	9.97
11.42	10.12	9.49	12.09	16.75	19.61	17.89	12.57
7.17	4.49	4.59	5.81	6.86	7.70	8.85	10.20

10.83	9.81	7.31	4.51	UD-ran-4.15m. acc	2.38	0.98	0.35	1.61
5.80	11.27	13.79	10.82		5.34	3.40	7.15	11.72
10.81	4.68	0.28	3.16		10.70	15.10	12.38	6.60
4.63	8.38	13.41	14.59		11.49	7.64	5.56	4.00
0.28	-5.69	-10.58	-11.09		-7.48	-3.49	-2.68	-5.16
-7.99	-8.50	-6.72	-4.82		-4.46	-5.19	-5.31	-3.80
-1.53	-0.84	-3.63	-9.22		-13.71	-12.57	-4.92	4.98
11.39	12.60	12.01	13.53		16.83	18.22	15.60	10.97
7.61	6.04	4.51	2.89		4.04	9.88	17.22	19.42
13.29	3.12	-3.39	-3.01		0.31	0.65	-3.03	-6.33
-5.01	-0.02	3.50	1.25		-6.53	-15.65	-21.19	-20.84
-16.40	-12.38	-11.92	-13.38		-12.08	-6.16	-0.01	0.27
-5.64	-11.39	-11.65	-8.51		-7.91	-10.92	-12.18	-7.77
-1.46	-0.01	-3.98	-6.94		-4.43	0.00	-0.16	-5.37
-9.43	-7.50	-1.73	2.17		1.55	-1.96	-5.98	-9.41
-11.12	-9.47	-4.64	0.42		3.10	4.45	7.21	10.83
11.04	5.69	-0.85	-1.71		4.01	9.14	6.22	-3.58
-11.48	-10.88	-4.36	0.30		-0.18	-1.39	1.99	8.57
11.59	7.46	0.27	-3.12		-0.71	3.84	6.87	8.64
10.95	13.15	12.85	9.74		6.54	5.65	6.42	6.78
6.25	5.94	6.01	4.85		1.45	-2.76	-5.42	-6.12
-6.64	-8.55	-11.42	-13.89		-15.44	-16.36	-16.60	-15.77
-14.25	-13.20	-12.80	-11.41		-7.72	-3.24	-1.15	-2.38
-4.12	-3.17	0.01	2.04		1.05	-1.34	-2.93	-4.02
-6.27	-9.17	-9.69	-6.08		-0.53	2.97	2.86	1.21
0.76	1.84	2.63	1.93		0.75	1.13	3.69	7.14
10.15	13.08	16.96	20.95		22.03	18.26	11.79	7.14
6.34	6.99	5.97	3.98		4.32	7.50	9.21	5.49
-1.47	-4.91	-1.39	4.75		6.27	1.46	-4.17	-4.59
-0.02	3.94	2.84	-2.27		-6.90	-7.83	-5.54	-2.89
-2.55	-5.23	-9.35	-12.00		-11.21	-7.88	-5.38	-6.62
-11.31	-16.24	-18.37	-17.19		-14.27	-11.16	-8.38	-6.42
-6.49	-9.50	-14.27	-17.70		-17.37	-13.68	-9.13	-5.43
-2.23	1.16	3.58	2.98		-0.47	-3.66	-3.91	-2.36
-2.60	-5.82	-9.06	-9.03		-6.34	-4.30	-4.20	-4.03
-2.33	-1.10	-2.96	-6.69		-7.97	-5.14	-1.73	-1.98
-5.27	-7.04	-4.88	-1.08		1.47	3.34	6.43	9.06
6.88	-0.58	-7.01	-5.87		1.44	6.80	5.21	0.47
-0.67	2.12	2.70	-2.56		-9.27	-10.37	-5.07	0.67
1.84	-0.44	-2.34	-3.02		-4.28	-5.90	-4.87	-0.01
5.29	7.02	5.68	4.67		4.52	1.84	-4.75	-10.68
-10.39	-4.99	-1.58	-4.24		-8.88	-8.89	-3.86	0.50
0.60	-0.53	1.79	6.70		8.67	4.57	-2.66	-7.82
-8.74	-6.51	-2.42	3.00		8.21	10.49	8.61	4.70
2.13	1.91	2.30	1.56		0.11	-0.22	1.86	5.98
10.16	11.62	8.84	3.98		2.25	6.87	14.52	17.67
12.94	5.54	3.50	8.22		13.11	12.43	8.32	6.97
9.28	9.40	3.32	-4.35		-5.03	3.40	13.84	18.05
15.18	10.87	9.69	10.57		9.63	5.51	1.05	0.25
4.29	10.02	12.41	9.14		3.03	-0.85	-0.99	-1.09
-4.84	-10.14	-11.04	-5.75		-0.20	-1.40	-8.64	-14.06
-12.14	-5.86	-1.96	-2.23		-2.57	-0.10	2.45	1.24
-2.16	-2.12	3.35	9.25		9.45	4.24	-0.33	0.16
4.02	6.85	6.96	5.88		4.68	2.65	-0.26	-1.75
0.30	4.66	7.80	8.02		6.90	5.96	3.79	-1.79
-9.28	-13.75	-12.25	-7.57		-4.64	-4.30	-2.91	1.53
5.38	3.76	-2.37	-6.21		-2.74	5.60	12.17	13.58
12.09	11.25	11.41	10.32		6.74	2.05	-1.20	-1.30
1.80	6.30	9.15	7.96		3.40	-1.14	-2.85	-2.37
-2.64	-5.05	-7.73	-7.78		-4.50	0.06	3.05	2.86
0.04	-2.98	-3.60	-1.40		0.92	0.26	-2.90	-4.54
-1.94	2.28	2.94	-1.01		-4.62	-2.93	2.72	6.44
5.41	3.21	4.45	8.06		8.49	3.25	-3.11	-3.93
1.95	9.03	11.26	7.88		3.00	0.65	1.30	2.79
3.52	4.04	5.70	8.18		8.96	5.75	-0.59	-6.05
-7.19	-4.76	-2.84	-4.20		-7.09	-7.42	-3.88	0.01
-0.51	-6.16	-12.64	-15.16		-13.42	-11.63	-13.35	-17.07
-17.74	-12.81	-5.90	-3.31		-7.01	-12.28	-12.94	-8.19
-3.12	-2.48	-5.57	-7.75		-6.05	-2.02	0.97	1.54
0.91	0.49	0.30	-0.18		-0.58	0.21	2.64	5.63
7.29	6.31	2.95	-0.87		-2.54	-0.53	4.20	8.59
9.84	7.79	5.09	4.47		6.05	7.39	6.61	4.79
4.91	8.22	12.31	13.32		9.99	5.01	2.19	2.65
4.03	3.31	-0.04	-3.59		-4.41	-1.80	2.11	4.38
3.68	0.98	-2.06	-4.79		-7.28	-8.79	-7.57	-3.18

1.71	3.21	0.75	-1.65	UD-ran-4.15m. acc	0.14	5.00	7.38	3.96
-2.09	-5.07	-3.89	-2.81	-4.84	-7.08	-4.83	1.08	
4.32	1.18	-4.11	-4.43	1.24	6.73	6.77	3.07	
0.82	1.35	1.31	-1.27	-3.56	-2.19	1.32	2.27	
-0.56	-2.81	-0.24	5.51	8.78	6.65	1.69	-1.94	
-2.99	-2.70	-1.66	0.65	3.56	5.01	4.52	4.63	
7.53	10.96	10.10	4.03	-1.69	-0.90	5.47	9.85	
6.89	-0.10	-3.26	0.44	6.03	7.28	4.10	1.59	
2.87	5.33	4.60	0.27	-4.03	-5.35	-4.39	-3.48	
-3.54	-3.89	-4.24	-5.10	-6.39	-6.94	-6.18	-5.46	
-6.49	-8.89	-10.21	-8.96	-6.59	-5.88	-7.62	-9.79	
-10.17	-8.86	-7.71	-7.82	-8.40	-8.18	-7.34	-7.35	
-9.31	-12.77	-16.22	-18.28	-18.34	-16.53	-13.44	-9.95	
-6.93	-4.85	-3.67	-2.91	-1.73	0.82	4.87	8.92	
10.49	8.30	3.76	-0.25	-1.88	-1.43	0.00	1.97	
4.38	6.43	7.13	6.63	6.40	7.40	8.73	8.71	
6.91	4.59	3.09	2.37	1.51	0.26	-0.51	-0.06	
1.08	1.57	0.67	-1.16	-3.07	-4.85	-6.68	-8.22	
-8.69	-7.95	-6.82	-5.99	-4.87	-2.59	0.11	0.76	
-2.04	-6.14	-7.14	-2.88	3.81	7.32	4.47	-2.63	
-8.73	-10.18	-7.65	-4.55	-3.41	-3.80	-3.74	-2.42	
-1.06	-1.17	-2.53	-3.43	-2.78	-1.33	-0.74	-1.87	
-4.21	-6.74	-8.59	-9.08	-7.76	-5.01	-2.44	-1.82	
-3.40	-5.37	-5.43	-3.01	0.29	2.50	3.14	3.21	
3.73	4.65	5.26	5.07	4.26	3.36	2.84	2.70	
2.34	1.20	-0.14	0.18	3.28	7.50	9.28	6.98	
3.14	1.72	3.39	4.74	2.69	-1.56	-3.78	-1.62	
3.04	6.55	7.06	5.26	2.81	1.24	1.81	4.96	
9.24	11.69	10.36	6.43	3.09	2.25	3.02	3.63	
3.96	5.32	7.92	9.77	8.86	5.68	2.87	2.51	
4.41	6.89	8.41	7.89	4.69	-0.68	-5.93	-8.34	
-7.32	-5.13	-4.58	-6.40	-9.03	-10.53	-10.20	-8.54	
-6.66	-5.85	-6.77	-8.44	-8.83	-7.15	-5.37	-6.29	
-9.98	-13.13	-12.74	-9.90	-8.53	-10.46	-12.99	-12.16	
-7.76	-3.65	-3.00	-4.45	-3.92	0.31	5.31	6.56	
2.61	-3.63	-7.88	-8.10	-5.63	-3.18	-2.21	-1.98	
-1.06	0.37	0.25	-2.94	-7.45	-9.22	-6.29	-1.85	
-1.37	-6.43	-12.34	-13.15	-8.47	-3.83	-4.04	-7.51	
-8.59	-4.99	-0.78	-1.31	-6.35	-9.98	-7.45	-0.50	
4.77	4.65	1.10	-1.34	-0.61	1.44	2.08	0.64	
-1.34	-2.07	-1.14	0.54	1.75	2.10	2.31	3.43	
5.53	7.54	8.55	8.83	9.09	8.92	6.98	3.13	
-0.43	-1.03	1.52	4.49	4.94	2.49	-0.59	-1.62	
0.20	3.33	5.13	4.11	1.43	0.08	1.94	5.60	
7.49	5.63	1.94	0.41	3.05	7.83	10.60	9.01	
4.42	0.34	-1.01	-0.49	-0.59	-2.46	-4.74	-5.38	
-4.12	-2.49	-1.72	-1.27	0.09	2.38	4.36	5.14	
4.97	4.53	4.06	3.74	4.22	6.01	8.41	9.81	
9.33	7.78	6.76	6.91	7.44	7.20	5.71	3.33	
0.72	-1.49	-2.57	-1.86	0.68	3.92	5.89	5.31	
2.67	-0.22	-1.98	-2.65	-2.91	-2.75	-1.76	-0.41	
-0.29	-2.48	-6.15	-9.25	-10.36	-9.54	-7.66	-5.59	
-3.98	-3.12	-2.65	-1.79	-0.26	1.08	1.01	-0.47	
-1.87	-1.67	-0.05	1.15	0.27	-2.44	-4.92	-5.31	
-3.54	-1.18	0.41	1.33	2.42	3.65	3.74	1.74	
-1.45	-3.66	-3.67	-2.30	-1.36	-1.79	-3.27	-5.18	
-7.30	-9.14	-9.47	-7.22	-2.99	0.95	2.46	1.12	
-1.82	-4.72	-6.24	-5.45	-2.39	1.27	3.07	1.95	
-0.50	-1.62	-0.55	1.16	1.74	1.46	2.15	4.77	
7.96	9.19	7.20	3.37	0.61	0.66	2.29	2.65	
0.52	-2.03	-2.05	0.42	2.13	0.65	-2.32	-2.91	
-0.07	3.01	3.00	0.74	0.16	3.30	7.72	9.34	
6.87	2.74	-0.07	-1.11	-2.19	-4.69	-7.69	-8.89	
-7.20	-4.09	-2.17	-2.38	-3.09	-2.15	0.47	2.73	
3.14	2.53	2.72	3.94	4.54	3.21	0.94	0.13	
1.99	5.33	7.92	8.62	8.10	7.58	7.19	6.01	
3.55	0.88	-0.37	-0.03	0.32	-0.54	-1.61	-1.00	
1.01	1.56	-1.28	-5.53	-7.14	-4.65	-0.69	1.41	
1.23	0.50	-0.04	-1.35	-3.67	-5.30	-4.63	-2.52	
-1.32	-1.94	-3.04	-3.17	-2.54	-2.12	-1.90	-1.09	
0.52	2.32	4.07	6.24	8.80	10.57	10.67	10.05	
10.44	11.56	10.79	6.53	1.27	-0.31	3.41	8.70	
10.54	8.27	5.99	7.33	11.06	12.95	11.21	8.39	
7.67	8.87	9.13	6.98	4.10	2.80	3.09	3.30	
2.63	1.89	1.75	1.69	1.06	0.25	-0.07	-0.27	

UD-ran-4.15m.acc							
-1.19	-2.56	-3.10	-2.48	-2.12	-3.32	-5.32	-6.25
-5.71	-5.12	-5.51	-5.99	-5.17	-3.27	-1.87	-1.77
-2.25	-2.48	-2.71	-3.25	-3.18	-1.06	2.98	6.85
8.38	7.09	3.87	-0.22	-4.19	-6.49	-5.71	-2.23
1.63	3.68	4.00	4.29	5.25	5.74	4.49	2.11
0.44	0.21	0.27	-0.63	-2.12	-3.01	-3.35	-4.74
-7.87	-10.69	-10.14	-5.81	-0.94	0.75	-1.01	-3.30
-3.76	-2.90	-2.27	-1.56	1.04	5.74	9.88	10.60
8.13	5.37	4.57	5.39	6.31	6.64	6.47	5.46
3.00	-0.30	-2.42	-2.00	-0.23	0.30	-1.62	-4.43
-5.71	-4.82	-3.44	-3.54	-5.42	-7.82	-9.44	-9.99
-9.77	-8.90	-7.27	-5.01	-2.54	-0.25	1.45	1.82
0.04	-3.48	-6.48	-6.51	-3.48	-0.08	1.12	0.43
0.26	1.54	2.23	-0.09	-4.78	-8.46	-8.50	-5.38
-1.43	1.56	2.96	2.74	1.57	1.07	2.50	4.71
4.78	1.81	-1.06	0.02	4.58	7.79	6.42	3.02
2.74	6.75	11.03	11.96	10.82	11.14	13.10	13.06
9.09	4.31	3.14	5.40	6.50	3.71	-0.18	-0.72
2.06	3.69	1.20	-2.82	-3.58	-0.01	4.24	5.56
4.15	2.54	1.65	0.16	-2.80	-5.93	-7.36	-6.80
-5.23	-3.22	-0.84	0.92	0.22	-3.26	-7.00	-7.86
-5.57	-3.04	-2.74	-3.77	-3.42	-0.98	1.17	0.67
-1.83	-3.61	-3.48	-2.88	-3.29	-3.91	-3.02	-0.92
0.06	-1.25	-3.18	-3.50	-2.48	-2.21	-3.29	-3.78
-2.16	0.14	0.56	-1.00	-1.85	-0.22	2.16	2.16
-0.67	-3.34	-2.83	0.75	4.68	6.66	6.74	6.50
7.09	8.30	9.00	8.34	6.65	5.38	5.58	6.44
5.78	2.64	-0.87	-1.29	2.22	6.44	7.42	4.82
2.07	1.98	3.35	2.89	-0.53	-4.61	-6.73	-6.85
-6.63	-6.65	-5.88	-3.82	-1.73	-0.92	-0.93	-0.25
1.31	2.31	1.92	1.43	2.67	5.44	7.69	8.01
7.13	6.34	5.74	4.59	3.15	2.63	3.39	4.09
3.40	1.87	1.23	1.95	2.47	1.36	-0.61	-1.38
-0.18	1.47	1.73	0.47	-1.04	-2.19	-3.69	-6.11
-8.30	-8.25	-5.28	-0.92	2.53	4.06	4.32	4.43
4.80	4.99	4.49	3.37	2.41	2.59	4.04	5.61
5.87	4.79	4.04	4.90	6.33	5.76	2.43	-1.09
-1.48	1.31	3.84	3.11	0.01	-2.00	-1.12	1.02
2.01	1.79	2.06	3.21	3.25	0.42	-4.07	-7.10
-7.15	-5.71	-4.92	-4.98	-4.71	-4.01	-4.31	-6.30
-8.45	-8.89	-8.02	-8.06	-9.89	-11.64	-11.16	-8.84
-6.83	-5.84	-4.20	-0.85	2.15	1.79	-1.54	-3.57
-0.98	4.37	7.50	6.28	3.74	3.94	6.83	8.78
7.54	5.01	4.43	6.14	7.46	6.47	4.43	3.87
5.36	7.07	7.38	6.68	6.12	5.64	4.10	1.42
-0.56	-0.14	1.97	3.19	2.03	-0.28	-1.49	-1.01
-0.12	0.02	-0.28	-0.30	-0.43	-1.60	-3.69	-5.11
-4.75	-3.38	-2.80	-3.71	-5.14	-5.83	-5.56	-4.90
-4.24	-3.64	-3.47	-4.24	-5.74	-6.84	-6.64	-5.57
-4.77	-4.49	-3.63	-1.24	1.83	3.41	2.25	-0.55
-2.59	-2.39	-0.50	1.43	2.28	2.17	1.87	1.87
2.02	1.70	0.50	-1.23	-2.46	-2.52	-1.96	-1.97
-2.92	-3.62	-2.65	-0.26	1.62	1.43	-0.33	-1.91
-2.46	-2.78	-3.78	-4.81	-4.27	-1.88	0.36	0.02
-3.03	-6.21	-6.72	-4.31	-1.25	0.25	0.09	-0.25
0.12	0.53	-0.13	-1.97	-3.93	-4.91	-4.60	-3.54
-2.70	-2.86	-4.05	-5.32	-5.53	-4.58	-3.64	-3.84
-4.94	-5.69	-5.57	-5.41	-6.15	-7.26	-7.11	-4.93
-1.88	0.12	0.32	-0.39	-0.80	-0.47	0.29	1.16
2.07	2.97	3.61	3.86	3.70	3.08	2.09	1.29
1.59	3.27	5.31	6.30	6.08	6.12	7.56	9.37
9.18	6.10	2.28	0.77	2.07	3.61	2.88	0.62
0.01	2.75	6.78	8.34	5.96	1.93	-0.30	0.40
2.23	2.79	1.49	-0.44	-1.59	-1.53	-0.70	0.17
0.26	-1.05	-3.40	-5.25	-5.02	-2.90	-1.12	-1.87
-4.91	-7.53	-7.17	-4.14	-1.35	-1.40	-3.99	-6.59
-7.36	-6.89	-6.70	-6.72	-5.30	-1.85	1.46	1.57
-2.03	-6.55	-8.86	-8.45	-7.02	-5.77	-4.16	-1.50
1.34	2.49	1.18	-1.42	-3.46	-3.93	-2.87	-0.70
1.96	4.09	4.73	3.88	2.45	1.25	0.09	-1.61
-3.57	-4.55	-3.48	-0.72	2.22	3.87	3.87	3.04
2.55	2.84	3.29	3.03	2.05	1.42	2.09	3.91
5.80	7.00	7.46	7.26	6.15	4.16	2.30	1.92
3.20	4.75	5.00	3.84	2.72	3.15	5.07	6.86
6.72	4.35	1.30	-0.29	0.38	2.05	2.69	1.72

0.61	1.26	3.65	5.43	UD-ran-4.15m. acc	4.33	0.69	-2.61	-3.06
-1.15	0.36	-0.27	-1.76	-1.44	1.27	3.98	4.00	
1.42	-1.18	-1.99	-1.89	-2.81	-4.77	-5.69	-4.22	
-1.81	-1.04	-2.28	-3.17	-1.65	1.26	2.52	0.83	
-1.89	-3.06	-2.62	-2.71	-4.38	-5.97	-5.28	-2.52	
-0.05	0.49	-0.21	-0.72	-1.04	-2.16	-3.98	-4.98	
-4.24	-2.84	-2.53	-3.48	-4.38	-4.51	-4.55	-5.03	
-5.02	-3.42	-1.09	-0.30	-1.69	-3.00	-1.83	1.05	
2.40	0.68	-1.87	-2.09	0.02	1.51	0.66	-0.61	
0.57	3.87	5.72	3.70	-0.45	-2.79	-1.76	0.44	
0.86	-0.89	-2.88	-3.52	-3.02	-2.28	-1.56	-0.74	
-0.26	-0.82	-2.29	-3.67	-4.37	-4.91	-5.72	-5.85	
-3.75	0.46	4.32	5.29	3.39	1.04	0.13	0.18	
-0.41	-1.75	-1.97	0.43	4.33	6.61	5.19	1.21	
-2.10	-2.53	-0.77	0.78	0.77	-0.01	0.05	1.32	
2.72	3.04	1.99	0.03	-2.09	-3.41	-3.13	-1.53	
-0.07	0.10	-0.23	0.87	3.68	5.88	5.32	3.12	
2.67	5.37	8.67	9.11	6.63	4.45	4.94	6.96	
7.68	6.14	3.83	2.37	1.76	1.14	0.30	-0.35	
-0.78	-1.45	-2.40	-3.18	-3.60	-4.18	-5.27	-6.24	
-6.12	-5.01	-4.23	-4.72	-5.89	-6.35	-5.54	-4.23	
-3.35	-2.95	-2.62	-2.31	-2.32	-2.64	-2.92	-3.07	
-3.47	-4.19	-4.49	-3.59	-1.80	-0.27	0.37	0.65	
1.25	1.81	1.45	0.20	-0.76	-0.42	0.92	2.04	
2.13	1.30	0.14	-0.73	-0.79	0.15	1.54	2.24	
1.48	-0.44	-2.37	-3.34	-3.10	-2.04	-0.83	-0.14	
-0.37	-1.27	-2.09	-2.32	-2.09	-1.92	-1.99	-2.09	
-2.13	-2.39	-2.97	-3.19	-2.18	-0.06	1.81	1.98	
0.53	-0.96	-1.09	-0.03	0.88	0.95	1.01	2.24	
4.38	5.73	4.93	2.61	0.67	0.16	0.34	-0.17	
-1.50	-2.40	-1.90	-0.72	-0.49	-1.83	-3.47	-3.81	
-2.77	-1.76	-1.64	-1.50	0.10	3.00	5.21	4.98	
2.69	0.22	-1.11	-1.58	-2.04	-2.54	-2.37	-1.19	
0.33	1.17	0.93	-0.05	-1.30	-2.51	-3.42	-3.82	
-3.79	-3.83	-4.26	-4.66	-4.15	-2.53	-0.76	-0.09	
-0.65	-1.43	-1.71	-1.97	-2.86	-3.79	-3.20	-0.74	
1.61	1.41	-1.48	-4.52	-5.15	-3.27	-0.81	0.64	
1.22	1.91	3.16	4.73	6.20	7.21	7.34	6.46	
5.10	4.08	3.37	2.10	-0.12	-2.14	-2.38	-0.82	
0.59	0.13	-1.68	-2.64	-1.55	0.33	0.71	-1.11	
-3.49	-4.42	-3.72	-3.03	-3.60	-4.77	-4.90	-3.64	
-2.36	-2.24	-2.52	-1.57	0.59	1.82	0.54	-1.91	
-2.62	-0.64	1.87	2.56	1.78	1.68	2.99	4.03	
3.41	2.22	2.54	4.22	4.90	3.25	1.14	1.36	
3.99	6.11	5.35	2.61	0.71	0.91	1.76	1.32	
-0.48	-2.19	-2.93	-3.29	-3.96	-4.45	-3.66	-1.44	
0.93	2.11	1.94	1.32	1.03	1.14	1.29	1.30	
1.04	0.32	-0.87	-1.92	-1.75	0.05	2.56	4.12	
3.95	2.90	2.55	3.49	4.86	5.41	4.82	3.89	
3.61	4.14	4.71	4.22	2.18	-0.80	-3.40	-4.70	
-4.93	-5.04	-5.42	-5.38	-4.19	-2.42	-1.57	-2.28	
-3.43	-3.34	-1.79	-0.17	0.28	-0.08	-0.05	0.76	
1.46	1.04	-0.36	-1.74	-2.24	-1.73	-0.60	0.57	
1.28	1.38	1.27	1.48	1.99	2.13	1.67	1.44	
2.53	4.64	5.98	5.12	2.67	0.75	0.78	2.31	
3.87	4.52	4.31	3.75	3.27	3.15	3.46	3.90	
3.85	2.92	1.32	-0.44	-1.93	-2.89	-3.08	-2.51	
-1.83	-1.86	-2.58	-2.89	-1.78	0.33	1.88	1.82	
0.63	-0.49	-1.13	-1.66	-2.18	-2.07	-1.02	0.17	
0.31	-0.62	-1.32	-0.75	0.58	1.18	0.37	-1.00	
-1.59	-1.10	-0.45	-0.56	-1.16	-1.15	0.02	1.59	
2.30	1.87	1.28	1.58	2.70	3.74	4.17	4.33	
4.60	4.64	3.92	2.79	2.43	3.57	5.46	6.56	
6.00	4.24	2.39	1.23	1.03	1.63	2.50	2.83	
2.15	0.87	0.00	-0.04	0.00	-0.82	-2.34	-3.48	
-3.55	-3.17	-3.40	-4.31	-4.93	-4.45	-3.07	-1.71	
-1.06	-1.16	-1.56	-1.65	-0.97	0.25	1.03	0.49	
-0.87	-1.37	0.10	2.54	3.74	2.89	1.59	1.81	
3.32	3.79	1.84	-0.91	-1.58	0.51	2.93	3.03	
0.95	-0.95	-1.05	0.01	0.78	1.09	1.67	2.48	
2.46	1.17	-0.34	-0.74	-0.01	0.87	1.46	2.21	
3.19	3.41	2.03	-0.14	-1.21	-0.25	1.83	3.52	
4.34	4.85	5.38	5.56	4.94	3.80	2.77	2.16	
1.86	1.82	2.13	2.75	3.32	3.56	3.65	3.88	
3.98	3.25	1.54	-0.20	-0.67	0.24	1.05	0.17	

				UD-ran-4.15m. acc			
-2.38	-4.87	-5.70	-5.09	-4.60	-5.35	-6.82	-7.50
-6.54	-4.51	-2.77	-2.17	-2.65	-3.59	-4.44	-4.91
-4.86	-4.32	-3.59	-3.12	-3.02	-2.86	-2.21	-1.29
-0.78	-0.98	-1.33	-1.17	-0.60	-0.33	-0.52	-0.37
0.97	3.35	5.58	6.60	6.27	5.09	3.65	2.44
2.00	2.54	3.47	3.81	3.18	2.29	2.08	2.47
2.43	1.37	-0.13	-1.07	-1.30	-1.49	-1.95	-2.12
-1.51	-0.69	-0.86	-2.31	-3.93	-4.41	-3.67	-2.84
-2.87	-3.61	-4.16	-3.98	-3.17	-2.16	-1.36	-1.13
-1.64	-2.44	-2.45	-1.02	1.07	2.09	1.15	-0.66
-1.40	-0.45	0.88	1.01	-0.04	-0.99	-1.02	-0.70
-1.02	-1.96	-2.63	-2.47	-1.81	-1.19	-0.69	-0.24
-0.17	-0.85	-1.93	-2.35	-1.51	-0.16	0.35	-0.54
-2.06	-3.06	-3.17	-2.80	-2.39	-1.98	-1.53	-1.28
-1.32	-1.21	-0.36	1.01	1.77	1.07	-0.49	-1.20
-0.10	1.89	2.97	2.40	1.29	1.08	1.90	2.68
2.80	2.82	3.47	4.37	4.39	3.12	1.34	0.02
-0.68	-1.00	-0.85	0.02	1.23	1.85	1.39	0.49
0.22	0.97	2.27	3.33	3.48	2.39	0.44	-1.18
-1.38	-0.41	0.23	-0.42	-1.56	-1.75	-0.84	-0.23
-0.85	-1.77	-1.39	0.32	1.67	1.24	-0.44	-1.61
-1.40	-0.59	-0.50	-1.38	-2.24	-2.02	-0.65	0.89
1.64	1.65	1.93	3.19	4.86	5.37	3.87	1.35
-0.08	0.63	2.50	3.58	2.99	1.54	0.52	0.39
0.67	0.72	0.32	-0.33	-0.83	-0.80	-0.17	0.46
0.36	-0.51	-1.21	-0.98	-0.27	-0.36	-1.61	-2.80
-2.49	-0.84	0.58	0.81	0.65	1.30	2.48	2.60
1.00	-1.02	-1.75	-1.22	-0.83	-1.21	-1.37	-0.43
0.77	0.70	-0.45	-0.80	0.72	2.66	2.90	1.57
0.93	2.42	4.64	5.14	3.50	1.74	1.61	2.58
2.86	1.83	0.57	0.15	0.33	0.18	-0.47	-0.90
-0.57	0.08	0.11	-0.98	-2.84	-4.55	-5.27	-4.70
-3.33	-2.16	-1.77	-1.76	-1.18	0.07	0.94	0.37
-1.12	-1.70	-0.21	2.44	4.22	4.14	3.14	2.72
3.09	3.18	2.12	0.34	-0.95	-0.92	0.20	1.44
1.84	1.05	-0.35	-1.29	-1.23	-0.82	-1.17	-2.36
-3.07	-2.13	-0.16	1.03	0.66	-0.04	0.49	1.86
2.05	0.02	-2.65	-3.42	-1.69	0.68	1.71	1.43
1.31	2.11	3.04	2.97	2.00	1.20	1.23	1.66
1.71	1.26	0.90	1.08	1.55	1.67	1.32	1.08
1.55	2.50	2.94	2.22	0.78	-0.30	-0.46	-0.07
0.22	0.43	0.96	1.67	1.72	0.49	-1.50	-3.08
-3.53	-3.12	-2.46	-1.75	-1.00	-0.46	-0.56	-1.21
-1.73	-1.63	-1.16	-1.01	-1.36	-1.76	-1.58	-0.72
0.40	1.14	1.07	0.34	-0.25	0.18	1.64	2.99
3.10	2.15	1.42	1.60	1.76	0.61	-1.56	-2.85
-2.07	-0.41	-0.14	-1.84	-3.64	-3.46	-1.48	0.25
0.23	-1.07	-2.16	-2.26	-1.67	-0.95	-0.22	0.51
1.02	1.01	0.40	-0.67	-1.91	-2.78	-2.53	-0.88
1.41	2.90	2.86	1.95	1.41	1.60	1.87	1.73
1.62	2.11	2.78	2.56	1.23	-0.06	-0.03	1.21
2.40	2.78	2.93	3.68	4.77	4.89	3.27	0.59
-1.65	-2.64	-2.76	-2.84	-3.08	-2.96	-2.02	-0.58
0.31	-0.12	-1.55	-2.77	-2.77	-1.83	-1.21	-1.75
-2.96	-3.65	-3.44	-3.08	-3.23	-3.37	-2.51	-0.79
0.34	-0.17	-1.48	-1.74	-0.36	1.32	1.63	0.51
-0.65	-0.74	0.06	0.86	1.10	0.77	0.06	-0.72
-0.99	-0.32	0.91	1.66	1.33	0.60	0.65	1.71
2.77	2.80	2.00	1.35	1.32	1.42	1.07	0.51
0.52	1.28	2.09	2.18	1.52	0.84	0.80	1.49
2.35	2.61	1.84	0.48	-0.38	0.02	1.10	1.37
0.20	-1.29	-1.48	-0.37	0.27	-0.86	-2.85	-3.62
-2.53	-0.99	-0.42	-0.52	-0.07	0.99	1.49	0.80
-0.11	-0.10	0.49	0.47	-0.36	-0.84	-0.24	0.56
0.32	-0.78	-1.47	-1.19	-0.76	-0.83	-0.76	0.32
1.79	1.97	0.29	-1.71	-2.20	-1.22	-0.40	-0.70
-1.37	-1.24	-0.34	0.49	1.00	1.68	2.55	2.61
1.19	-0.73	-1.25	0.18	2.03	2.47	1.55	0.94
1.67	2.73	2.29	0.13	-1.96	-2.09	-0.31	1.55
2.04	1.39	0.84	0.98	1.25	1.11	0.88	1.30
2.41	3.26	3.01	1.81	0.59	-0.01	-0.16	-0.37
-0.87	-1.45	-1.82	-1.84	-1.55	-1.10	-0.78	-0.82
-1.18	-1.58	-1.86	-2.17	-2.65	-3.03	-2.91	-2.28
-1.55	-1.00	-0.32	0.80	1.98	2.35	1.71	0.95
1.08	2.07	2.81	2.46	1.26	0.13	-0.44	-0.62

-0.72	-0.71	-0.44	0.06	UD-ran-4.15m. acc	0.51	0.69	0.54	0.10
-0.43	-0.74	-0.65	-0.36	-0.32	-0.70	-1.06	-0.76	
0.22	1.14	1.20	0.39	-0.50	-0.66	-0.09	0.47	
0.30	-0.68	-1.97	-2.88	-3.06	-2.54	-1.68	-0.91	
-0.55	-0.60	-0.79	-0.82	-0.65	-0.51	-0.57	-0.69	
-0.57	-0.18	0.12	0.04	-0.17	0.09	1.09	2.34	
2.97	2.48	1.26	0.17	-0.13	0.25	0.62	0.40	
-0.36	-1.03	-1.08	-0.66	-0.41	-0.82	-1.65	-2.30	
-2.51	-2.53	-2.61	-2.48	-1.70	-0.50	0.12	-0.58	
-2.01	-2.70	-1.82	-0.24	0.50	-0.02	-0.70	-0.45	
0.42	0.74	0.23	-0.13	0.38	1.02	0.47	-1.25	
-2.55	-2.18	-0.77	-0.01	-0.52	-1.45	-1.90	-2.02	
-2.27	-2.30	-1.32	0.51	1.78	1.39	-0.18	-1.60	
-2.23	-2.52	-2.89	-3.12	-2.85	-2.35	-2.01	-1.72	
-1.16	-0.66	-1.01	-2.22	-3.14	-2.71	-1.32	-0.31	
-0.20	-0.23	0.44	1.46	1.96	1.86	2.00	2.87	
3.91	4.28	3.87	3.15	2.40	1.61	0.99	1.00	
1.56	1.87	1.26	0.11	-0.68	-0.89	-1.12	-1.65	
-1.75	-0.80	0.48	0.58	-0.86	-2.38	-2.38	-1.10	
-0.25	-0.77	-1.78	-1.97	-1.47	-1.41	-2.16	-2.69	
-2.19	-1.36	-1.54	-2.68	-3.24	-2.28	-0.79	-0.48	
-1.49	-2.21	-1.43	0.17	0.98	0.50	-0.30	-0.45	
-0.19	-0.27	-0.70	-0.71	0.17	1.44	2.30	2.54	
2.43	2.13	1.50	0.68	0.30	0.77	1.56	1.62	
0.58	-0.73	-1.17	-0.53	0.43	1.01	1.31	1.76	
2.23	2.12	1.24	0.13	-0.50	-0.58	-0.47	-0.35	
-0.07	0.33	0.39	-0.15	-0.84	-0.87	0.05	1.40	
2.45	2.84	2.72	2.35	1.91	1.48	1.02	0.33	
-0.65	-1.59	-1.92	-1.58	-1.22	-1.55	-2.46	-3.09	
-2.93	-2.50	-2.70	-3.54	-4.06	-3.53	-2.36	-1.61	
-1.63	-1.74	-1.22	-0.27	0.37	0.44	0.32	0.27	
0.01	-0.76	-1.66	-2.06	-1.93	-1.93	-2.40	-2.99	
-3.18	-3.03	-2.83	-2.49	-1.60	-0.43	0.03	-0.80	
-2.04	-2.27	-1.18	0.03	0.22	-0.28	-0.23	0.74	
1.53	0.99	-0.54	-1.55	-1.18	-0.14	0.30	-0.05	
-0.20	0.63	1.90	2.33	1.42	0.06	-0.41	0.30	
1.32	1.68	1.42	1.29	1.73	2.32	2.31	1.60	
0.92	1.00	1.82	2.59	2.71	2.32	2.12	2.37	
2.50	1.78	0.25	-1.07	-1.28	-0.55	0.13	0.12	
-0.25	-0.33	-0.16	-0.40	-1.35	-2.36	-2.59	-2.10	
-1.63	-1.61	-1.60	-1.08	-0.36	-0.17	-0.59	-0.80	
-0.17	0.80	1.08	0.39	-0.43	-0.54	-0.01	0.50	
0.62	0.44	0.03	-0.73	-1.63	-2.06	-1.72	-1.10	
-0.87	-0.94	-0.58	0.37	1.02	0.67	-0.10	0.00	
1.19	2.18	1.80	0.62	0.26	1.35	2.67	2.72	
1.62	0.81	1.25	2.30	2.70	2.13	1.47	1.54	
2.13	2.40	1.92	1.08	0.42	0.04	-0.28	-0.60	
-0.61	-0.16	0.47	0.84	0.82	0.72	0.88	1.27	
1.56	1.40	0.73	-0.20	-0.91	-0.90	-0.12	0.83	
1.09	0.43	-0.53	-0.96	-0.83	-0.87	-1.51	-2.21	
-2.05	-0.98	-0.04	-0.13	-0.93	-1.32	-0.73	0.27	
0.84	0.96	1.27	2.03	2.59	2.14	0.78	-0.56	
-1.00	-0.51	0.25	0.63	0.48	0.08	-0.23	-0.29	
-0.17	-0.10	-0.22	-0.48	-0.71	-0.77	-0.60	-0.21	
0.26	0.63	0.77	0.71	0.57	0.41	0.23	0.17	
0.45	1.04	1.56	1.66	1.47	1.42	1.63	1.70	
1.29	0.67	0.42	0.68	0.96	0.79	0.38	0.28	
0.53	0.58	0.00	-0.87	-1.21	-0.64	0.43	1.23	
1.36	0.96	0.35	-0.29	-0.96	-1.64	-2.12	-2.14	
-1.67	-1.02	-0.59	-0.53	-0.59	-0.43	-0.06	0.16	
-0.01	-0.37	-0.46	-0.24	-0.20	-0.79	-1.62	-1.70	
-0.58	0.90	1.35	0.37	-0.94	-1.19	-0.24	0.81	
1.04	0.74	0.86	1.57	2.03	1.53	0.46	-0.17	
0.06	0.54	0.53	0.05	-0.25	-0.07	0.27	0.29	
0.03	-0.12	-0.05	-0.04	-0.29	-0.52	-0.36	0.18	
0.59	0.48	-0.06	-0.63	-0.91	-0.80	-0.39	0.03	
0.05	-0.66	-1.86	-2.82	-2.95	-2.38	-1.75	-1.51	
-1.50	-1.42	-1.37	-1.72	-2.50	-3.08	-2.82	-1.77	
-0.63	-0.05	0.04	0.07	0.26	0.46	0.49	0.52	
0.81	1.24	1.49	1.47	1.53	2.02	2.76	3.16	
2.90	2.24	1.62	1.16	0.71	0.29	0.23	0.69	
1.30	1.53	1.38	1.36	1.79	2.21	1.84	0.54	
-0.85	-1.30	-0.64	0.40	1.00	0.91	0.36	-0.39	
-1.20	-1.88	-2.25	-2.33	-2.42	-2.61	-2.68	-2.40	
-2.01	-1.98	-2.46	-2.98	-3.02	-2.60	-2.14	-1.95	

				UD-ran-4. 15m. acc			
-1.90	-1.82	-1.78	-1.89	-2.01	-1.84	-1.29	-0.71
-0.60	-1.13	-1.91	-2.31	-1.95	-0.99	-0.01	0.58
0.82	1.02	1.24	1.14	0.48	-0.39	-0.75	-0.25
0.70	1.32	1.22	0.59	-0.22	-0.98	-1.41	-1.20
-0.33	0.61	0.88	0.46	0.15	0.62	1.54	1.94
1.46	0.80	0.89	1.67	2.21	1.92	1.25	0.95
1.09	1.10	0.77	0.65	1.24	2.08	2.16	1.13
-0.19	-0.82	-0.68	-0.42	-0.46	-0.49	-0.22	-0.02
-0.45	-1.29	-1.61	-0.78	0.66	1.62	1.61	1.17
0.93	0.88	0.49	-0.38	-1.20	-1.35	-0.87	-0.40
-0.47	-1.02	-1.65	-2.06	-2.28	-2.40	-2.42	-2.35
-2.40	-2.69	-2.98	-2.79	-2.05	-1.30	-1.15	-1.59
-1.93	-1.71	-1.25	-1.24	-1.76	-2.21	-2.10	-1.64
-1.38	-1.35	-1.09	-0.42	0.15	0.04	-0.52	-0.72
-0.08	0.95	1.61	1.71	1.70	1.92	2.15	1.97
1.39	0.88	0.84	1.22	1.62	1.75	1.52	1.01
0.44	0.08	0.17	0.64	1.11	1.27	1.14	0.96
0.85	0.70	0.34	-0.19	-0.73	-1.12	-1.29	-1.27
-1.17	-1.16	-1.31	-1.45	-1.39	-1.17	-1.06	-1.09
-0.93	-0.27	0.63	1.06	0.53	-0.65	-1.76	-2.29
-2.16	-1.45	-0.38	0.57	0.73	-0.10	-1.16	-1.43
-0.70	0.15	0.20	-0.34	-0.47	0.22	0.98	0.90
0.15	-0.23	0.23	0.84	0.82	0.37	0.41	1.13
1.71	1.39	0.58	0.30	0.85	1.40	1.12	0.19
-0.56	-0.74	-0.59	-0.39	0.00	0.72	1.48	1.82
1.68	1.39	1.07	0.46	-0.46	-1.15	-0.93	0.02
0.78	0.76	0.42	0.68	1.60	2.11	1.37	-0.07
-0.80	-0.17	0.89	1.13	0.54	0.24	0.86	1.59
1.18	-0.38	-1.76	-1.94	-1.38	-1.24	-1.77	-2.12
-1.61	-0.81	-0.76	-1.63	-2.55	-2.74	-2.41	-2.18
-2.11	-1.72	-0.87	-0.11	-0.08	-0.69	-1.27	-1.35
-1.13	-1.01	-1.05	-0.96	-0.53	0.05	0.39	0.29
-0.10	-0.49	-0.72	-0.82	-0.82	-0.56	0.18	1.23
1.95	1.71	0.64	-0.31	-0.26	0.69	1.55	1.51
0.81	0.29	0.39	0.70	0.66	0.39	0.42	0.93
1.37	1.17	0.51	0.09	0.30	0.72	0.68	0.05
-0.61	-0.70	-0.21	0.38	0.59	0.30	-0.28	-0.82
-1.10	-1.06	-0.87	-0.84	-1.05	-1.29	-1.17	-0.65
-0.09	0.08	-0.10	-0.21	-0.04	0.07	-0.37	-1.26
-1.93	-1.83	-1.15	-0.58	-0.50	-0.64	-0.60	-0.37
-0.27	-0.31	-0.21	0.17	0.56	0.68	0.61	0.72
1.00	1.04	0.60	0.10	0.18	0.91	1.72	2.00
1.73	1.24	0.74	0.18	-0.37	-0.54	-0.10	0.65
1.12	1.01	0.55	0.05	-0.46	-1.02	-1.40	-1.18
-0.42	0.19	0.04	-0.71	-1.22	-0.95	-0.23	0.28
0.37	0.34	0.34	0.15	-0.33	-0.73	-0.55	0.05
0.39	0.03	-0.67	-1.09	-1.08	-0.92	-0.84	-0.74
-0.55	-0.52	-0.78	-1.02	-0.82	-0.36	-0.26	-0.76
-1.26	-1.02	-0.13	0.59	0.63	0.41	0.59	1.09
1.21	0.63	-0.15	-0.38	-0.07	0.13	-0.20	-0.71
-0.77	-0.30	0.19	0.23	-0.06	-0.28	-0.24	-0.10
0.01	0.22	0.71	1.39	1.95	2.20	2.20	2.07
1.84	1.56	1.31	1.19	1.16	1.19	1.28	1.48
1.72	1.80	1.68	1.54	1.55	1.58	1.29	0.51
-0.47	-1.10	-1.12	-0.84	-0.87	-1.45	-2.23	-2.65
-2.54	-2.28	-2.31	-2.59	-2.71	-2.43	-1.97	-1.62
-1.38	-1.09	-0.85	-0.97	-1.49	-1.89	-1.67	-1.00
-0.61	-0.89	-1.38	-1.37	-0.82	-0.45	-0.77	-1.46
-1.76	-1.39	-0.79	-0.42	-0.32	-0.25	-0.18	-0.23
-0.33	-0.19	0.33	0.92	1.22	1.20	1.06	0.91
0.77	0.78	1.19	1.93	2.45	2.23	1.41	0.78
0.97	1.77	2.41	2.39	1.86	1.39	1.28	1.38
1.38	1.23	1.14	1.18	1.13	0.65	-0.23	-1.10
-1.48	-1.26	-0.69	-0.18	0.01	-0.20	-0.67	-1.10
-1.22	-0.96	-0.51	-0.17	-0.09	-0.21	-0.43	-0.69
-0.94	-1.10	-1.15	-1.13	-1.09	-1.00	-0.83	-0.65
-0.59	-0.67	-0.72	-0.61	-0.34	-0.06	0.23	0.56
0.81	0.72	0.24	-0.23	-0.16	0.48	1.15	1.30
1.00	0.72	0.69	0.68	0.47	0.20	0.13	0.16
-0.04	-0.45	-0.66	-0.47	-0.32	-0.71	-1.40	-1.47
-0.53	0.73	1.28	0.97	0.61	0.79	1.15	0.98
0.33	-0.02	0.36	0.98	1.09	0.64	0.24	0.29
0.59	0.78	0.91	1.14	1.27	0.87	0.01	-0.60
-0.42	0.20	0.36	-0.28	-1.13	-1.49	-1.37	-1.27
-1.39	-1.33	-0.85	-0.39	-0.56	-1.23	-1.64	-1.35

UD-ran-4. 15m. acc							
-0.86	-0.94	-1.48	-1.65	-0.98	-0.08	0.15	-0.34
-0.74	-0.45	0.18	0.34	-0.13	-0.60	-0.42	0.26
0.75	0.63	0.15	-0.17	-0.12	0.05	0.02	-0.22
-0.34	-0.06	0.49	0.81	0.56	-0.04	-0.39	-0.14
0.37	0.51	0.05	-0.54	-0.66	-0.18	0.53	1.04
1.22	1.19	1.05	0.86	0.65	0.46	0.25	0.07
-0.01	0.04	0.07	-0.14	-0.49	-0.60	-0.19	0.51
0.85	0.48	-0.31	-0.91	-1.03	-0.95	-1.08	-1.43
-1.74	-1.82	-1.79	-1.76	-1.64	-1.30	-0.86	-0.67
-0.88	-1.21	-1.19	-0.67	0.05	0.53	0.61	0.45
0.27	0.13	-0.05	-0.22	-0.28	-0.14	0.14	0.44
0.71	0.97	1.19	1.22	1.05	0.84	0.83	1.03
1.18	1.11	0.95	1.04	1.49	1.99	2.15	1.92
1.59	1.37	1.26	1.27	1.52	2.04	2.48	2.34
1.60	0.88	0.77	1.17	1.47	1.35	1.08	1.03
1.11	0.95	0.57	0.47	0.97	1.65	1.75	1.07
0.21	-0.11	0.19	0.53	0.40	-0.09	-0.41	-0.22
0.27	0.57	0.48	0.27	0.35	0.81	1.30	1.41
1.12	0.84	0.87	1.10	1.14	0.89	0.65	0.72
0.96	0.97	0.72	0.62	0.99	1.53	1.59	1.04
0.48	0.54	1.05	1.27	0.84	0.25	0.20	0.73
1.23	1.27	1.09	1.15	1.43	1.48	1.04	0.32
-0.26	-0.59	-0.72	-0.65	-0.32	0.11	0.27	0.03
-0.23	-0.13	0.27	0.55	0.45	0.20	0.05	-0.06
-0.30	-0.52	-0.37	0.12	0.43	0.13	-0.53	-0.97
-0.98	-0.86	-0.88	-0.81	-0.34	0.39	0.80	0.57
0.05	-0.24	-0.15	0.03	0.02	-0.14	-0.34	-0.55
-0.79	-0.97	-0.96	-0.80	-0.70	-0.72	-0.75	-0.69
-0.70	-0.93	-1.29	-1.45	-1.25	-0.92	-0.85	-1.11
-1.43	-1.53	-1.40	-1.22	-1.07	-0.83	-0.43	0.02
0.38	0.66	0.96	1.24	1.29	1.00	0.49	0.05
-0.12	-0.01	0.35	0.80	1.12	1.11	0.81	0.57
0.65	0.97	1.13	0.86	0.28	-0.26	-0.58	-0.63
-0.43	-0.02	0.36	0.41	0.00	-0.63	-1.05	-1.07
-0.78	-0.36	0.07	0.48	0.77	0.85	0.76	0.63
0.56	0.48	0.28	-0.06	-0.43	-0.72	-0.88	-0.90
-0.71	-0.25	0.37	0.82	0.77	0.17	-0.55	-0.85
-0.45	0.32	0.88	0.92	0.65	0.45	0.46	0.39
-0.01	-0.55	-0.78	-0.48	0.12	0.63	0.94	1.23
1.58	1.83	1.73	1.26	0.62	0.03	-0.34	-0.40
-0.16	0.21	0.43	0.39	0.31	0.48	0.92	1.32
1.46	1.44	1.51	1.70	1.77	1.53	1.13	0.90
1.01	1.35	1.64	1.74	1.60	1.31	1.03	0.93
1.01	1.03	0.81	0.49	0.37	0.56	0.80	0.84
0.73	0.73	0.84	0.78	0.39	-0.08	-0.19	0.14
0.58	0.76	0.64	0.38	0.17	0.05	0.07	0.22
0.45	0.68	0.94	1.23	1.42	1.26	0.77	0.29
0.18	0.35	0.42	0.22	0.04	0.24	0.76	1.14
1.05	0.62	0.24	0.12	0.12	0.01	-0.29	-0.62
-0.77	-0.66	-0.40	-0.09	0.24	0.63	1.03	1.24
1.12	0.77	0.50	0.55	0.81	1.05	1.17	1.25
1.29	1.14	0.77	0.40	0.29	0.43	0.51	0.33
-0.01	-0.27	-0.33	-0.18	0.09	0.36	0.41	0.14
-0.22	-0.30	0.00	0.38	0.47	0.25	0.07	0.10
0.18	0.09	-0.13	-0.27	-0.25	-0.19	-0.16	-0.05
0.27	0.69	0.94	0.87	0.59	0.30	0.06	-0.20
-0.53	-0.82	-0.92	-0.82	-0.67	-0.65	-0.77	-0.87
-0.81	-0.65	-0.56	-0.61	-0.59	-0.29	0.17	0.41
0.20	-0.18	-0.26	0.03	0.28	0.08	-0.36	-0.40
0.23	1.01	1.21	0.68	0.09	0.12	0.73	1.24
1.16	0.67	0.30	0.27	0.35	0.28	0.09	-0.03
-0.08	-0.25	-0.56	-0.82	-0.88	-0.90	-1.10	-1.32
-1.16	-0.53	0.08	0.03	-0.64	-1.25	-1.27	-0.93
-0.82	-1.05	-1.10	-0.56	0.25	0.59	0.24	-0.27
-0.24	0.33	0.86	0.90	0.57	0.28	0.19	0.17
0.08	-0.02	-0.11	-0.33	-0.79	-1.34	-1.62	-1.53
-1.32	-1.27	-1.27	-1.03	-0.48	0.06	0.27	0.16
-0.03	-0.14	-0.24	-0.30	-0.23	-0.03	0.09	-0.07
-0.39	-0.57	-0.52	-0.49	-0.67	-0.84	-0.67	-0.13
0.32	0.31	-0.07	-0.40	-0.44	-0.39	-0.50	-0.78
-0.98	-0.92	-0.69	-0.46	-0.26	-0.02	0.27	0.52
0.70	0.82	0.91	0.85	0.58	0.24	0.05	0.10
0.24	0.27	0.20	0.17	0.22	0.21	0.08	-0.03
0.03	0.20	0.29	0.21	0.12	0.15	0.27	0.30
0.20	0.08	0.02	-0.03	-0.12	-0.16	-0.01	0.37

0.81	1.14	1.31	1.31	UD-ran-4.15m. acc	1.14	0.82	0.51	0.44
0.66	0.97	1.09	0.98		0.76	0.61	0.49	0.33
0.14	0.07	0.19	0.37		0.38	0.20	0.03	0.04
0.12	0.01	-0.33	-0.67		-0.73	-0.52	-0.28	-0.17
-0.15	-0.10	-0.10	-0.29		-0.67	-1.05	-1.32	-1.52
-1.72	-1.84	-1.69	-1.27		-0.88	-0.81	-1.04	-1.28
-1.28	-1.05	-0.81	-0.71		-0.75	-0.82	-0.82	-0.73
-0.59	-0.46	-0.40	-0.42		-0.44	-0.36	-0.14	0.20
0.57	0.82	0.86	0.69		0.45	0.34	0.40	0.49
0.50	0.44	0.42	0.43		0.38	0.26	0.27	0.59
1.07	1.37	1.34	1.21		1.29	1.56	1.70	1.53
1.21	1.05	1.12	1.24		1.24	1.10	0.86	0.53
0.24	0.22	0.57	1.10		1.41	1.33	1.10	1.01
1.08	1.10	0.94	0.70		0.58	0.59	0.62	0.63
0.74	1.07	1.56	1.92		1.86	1.42	0.92	0.69
0.81	1.04	1.15	1.12		1.04	0.94	0.77	0.57
0.45	0.45	0.44	0.33		0.24	0.35	0.59	0.59
0.13	-0.52	-0.84	-0.61		-0.12	0.21	0.24	0.17
0.18	0.26	0.32	0.25		0.01	-0.39	-0.77	-0.86
-0.55	-0.10	0.05	-0.21		-0.58	-0.72	-0.65	-0.62
-0.77	-0.95	-0.92	-0.66		-0.33	-0.10	-0.04	-0.10
-0.19	-0.18	-0.08	-0.04		-0.16	-0.31	-0.19	0.22
0.56	0.48	0.10	-0.13		0.00	0.18	0.04	-0.37
-0.65	-0.66	-0.67	-0.91		-1.19	-1.12	-0.72	-0.41
-0.49	-0.71	-0.67	-0.36		-0.18	-0.34	-0.51	-0.28
0.27	0.58	0.26	-0.40		-0.77	-0.58	-0.15	0.02
-0.15	-0.35	-0.29	-0.07		0.06	-0.01	-0.14	-0.14
-0.07	-0.18	-0.56	-1.02		-1.26	-1.18	-1.00	-1.00
-1.21	-1.36	-1.21	-0.83		-0.53	-0.48	-0.53	-0.39
-0.07	0.15	0.08	-0.15		-0.23	-0.08	0.10	0.15
0.13	0.22	0.38	0.35		0.03	-0.30	-0.29	0.08
0.50	0.65	0.47	0.10		-0.35	-0.81	-1.18	-1.31
-1.15	-0.85	-0.56	-0.32		-0.05	0.21	0.31	0.12
-0.23	-0.46	-0.37	-0.03		0.33	0.51	0.52	0.45
0.32	0.09	-0.26	-0.59		-0.69	-0.48	-0.09	0.22
0.21	-0.07	-0.36	-0.39		-0.16	0.06	0.02	-0.28
-0.55	-0.56	-0.37	-0.19		-0.14	-0.16	-0.18	-0.21
-0.33	-0.52	-0.65	-0.66		-0.64	-0.68	-0.77	-0.85
-0.93	-1.06	-1.16	-1.07		-0.78	-0.51	-0.51	-0.73
-0.88	-0.77	-0.55	-0.41		-0.37	-0.26	-0.04	0.12
0.08	-0.05	-0.06	0.05		0.08	-0.07	-0.18	-0.02
0.32	0.49	0.26	-0.19		-0.46	-0.33	0.02	0.26
0.25	0.13	0.08	0.11		0.07	-0.14	-0.41	-0.53
-0.43	-0.21	-0.03	0.07		0.17	0.26	0.22	0.00
-0.28	-0.36	-0.12	0.29		0.58	0.59	0.34	-0.01
-0.34	-0.54	-0.56	-0.42		-0.21	-0.05	0.03	0.02
-0.02	-0.06	-0.07	-0.04		0.02	0.09	0.12	0.11
0.05	-0.04	-0.19	-0.38		-0.56	-0.65	-0.66	-0.69
-0.81	-0.97	-1.00	-0.87		-0.71	-0.64	-0.65	-0.57
-0.36	-0.18	-0.19	-0.33		-0.40	-0.33	-0.29	-0.41
-0.56	-0.47	-0.08	0.35		0.49	0.30	0.05	0.00
0.17	0.35	0.33	0.11		-0.12	-0.21	-0.12	-0.01
-0.06	-0.25	-0.44	-0.52		-0.52	-0.58	-0.69	-0.74
-0.64	-0.47	-0.39	-0.42		-0.44	-0.36	-0.27	-0.26
-0.34	-0.33	-0.15	0.09		0.18	0.07	-0.09	-0.12
-0.04	-0.02	-0.17	-0.42		-0.60	-0.67	-0.67	-0.65
-0.57	-0.39	-0.17	-0.03		-0.04	-0.14	-0.24	-0.31
-0.38	-0.46	-0.51	-0.48		-0.40	-0.34	-0.34	-0.34
-0.31	-0.29	-0.31	-0.38		-0.43	-0.40	-0.29	-0.16
-0.04	0.03	0.01	-0.10		-0.29	-0.46	-0.55	-0.55
-0.50	-0.45	-0.37	-0.29		-0.24	-0.28	-0.36	-0.39
-0.35	-0.33	-0.43	-0.60		-0.68	-0.61	-0.48	-0.46
-0.58	-0.71	-0.69	-0.57		-0.47	-0.48	-0.56	-0.60
-0.55	-0.51	-0.53	-0.58		-0.58	-0.52	-0.45	-0.42
-0.43	-0.41	-0.33	-0.23		-0.19	-0.23	-0.29	-0.30
-0.24	-0.15	-0.10	-0.12		-0.17	-0.22	-0.26	-0.30
-0.35	-0.35	-0.27	-0.13		-0.06	-0.14	-0.31	-0.42
-0.40	-0.32	-0.29	-0.35		-0.41	-0.37	-0.26	-0.16
-0.14	-0.15	-0.14	-0.09		-0.06	-0.09	-0.15	-0.17
-0.14	-0.09	-0.07	-0.11		-0.15	-0.16	-0.14	-0.11
-0.10	-0.10	-0.10	-0.11		-0.15	-0.21	-0.25	-0.27
-0.26	-0.26	-0.27	-0.29		-0.32	-0.34	-0.35	-0.33
-0.30	-0.29	-0.31	-0.33		-0.34	-0.32	-0.29	-0.28
-0.30	-0.32	-0.32	-0.32		-0.32	-0.32	-0.30	-0.25
-0.20	-0.18	-0.21	-0.24		-0.24	-0.21	-0.19	-0.18

				UD-ran-4.15m.acc			
-0.20	-0.21	-0.22	-0.21	-0.19	-0.18	-0.18	-0.19
-0.21	-0.18	-0.08	0.04	0.12	0.12	0.08	0.07