

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	1.2	1.9	0.3	0.4	0.4	0.4	0.8	1.0	0.9	1.1	0.6	0.7	0.8	0.7
7	0.9	1.6	0.3	0.4	0.4	0.4	0.5	0.7	0.6	0.7	0.5	0.5	0.6	0.5
8	0.8	1.0	0.2	0.4	0.4	0.3	0.4	0.6	0.5	0.6	0.3	0.5	0.5	0.5
9	0.8	1.0	0.2	0.4	0.4	0.4	0.3	0.5	0.5	0.5	0.3	0.4	0.4	0.4
10	0.7	0.9	0.2	0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
11	0.7	0.9	0.2	0.3	0.4	0.3	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
12	0.7	0.9	0.2	0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
13	0.8	0.9	0.2	0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
14	0.8	0.9	0.2	0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
15	0.8	0.9	0.2	0.3	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4
16	0.8	0.9	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.2	0.4	0.4	0.4

DS1 vector<int>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	68.9	67.3	12.9	12.8	13.3	12.9	18.1	17.8	18.2	17.7	15.5	14.8	15.6	14.8
7	68.8	68.2	12.8	12.9	13.2	12.9	20.6	20.2	20.6	20.4	15.1	14.3	15	14.4
8	70.8	68.9	13.2	12.8	13.6	12.9	30.8	30.4	30.7	30.3	15.3	14.6	15.4	14.7
9	73.1	71.2	13.5	13.5	13.9	13.5	38.2	37.6	38	37.3	15.9	15.1	15.9	15.1
10	75.4	74.3	13.6	13.5	14	13.7	41.1	40.3	41.6	40.9	16	15.1	15.9	15
11	76.9	74.5	13.6	13.5	14.1	13.6	43.9	43.2	43.7	42.6	16	15	16	15.1
12	76.1	74.8	13.7	13.5	14	13.6	41.2	38.8	40.6	39.4	15.9	14.9	15.8	15
13	76.1	74.8	13.6	13.6	14	13.6	41.4	39.2	41.3	39.9	15.9	15	15.8	14.9
14	78.3	76.5	13.6	13.6	14	13.6	45.8	42.3	44.8	44	16.1	15.2	16.2	15.4
15	90.4	91	20.2	20.1	20.5	20.1	62.2	58.7	62.2	58.2	26	25	26	24.9
16	103	103	21.5	21.3	21.8	21.3	66.5	59.2	65.1	59.9	27	25.3	27.1	25.2

DS2 vector<string>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	10.2	11	5.08	4.88	5.62	5.34	7.16	7.12	7.5	7.2	6.19	5.73	6.4	5.81
7	12.5	13.3	5.04	4.81	5.68	5.24	6.37	6.22	6.71	6.31	5.8	5.46	6.08	5.5
8	15.8	16.4	4.99	4.79	5.54	5.22	5.95	5.81	6.21	5.92	5.65	5.32	5.82	5.4
9	18.3	19	5.01	4.8	5.53	5.18	5.78	5.56	6.01	5.7	5.56	5.2	5.76	5.21
10	21.4	22.3	4.99	4.83	5.55	5.2	5.72	5.46	5.95	5.55	5.52	5.27	5.68	5.24
11	25.5	26.1	4.98	4.81	5.56	5.16	5.67	5.44	5.86	5.65	5.53	5.23	5.69	5.26
12	27.1	28	5.02	4.81	5.55	5.2	6.42	6.1	6.57	6.25	5.51	5.12	5.68	5.27
13	27.9	28.8	5.03	4.81	5.59	5.21	7.34	6.91	7.46	7.03	5.61	5.16	5.71	5.24
14	28.5	29	5.03	4.8	5.58	5.26	7.03	6.59	7.18	6.68	5.64	5.19	5.8	5.34
15	28.3	29.2	5.03	4.78	5.56	5.28	7.11	6.65	7.2	6.83	5.68	5.17	5.78	5.24
16	31.6	31.8	5.02	4.76	5.6	5.22	6.79	6.37	6.93	6.46	5.68	5.17	5.79	5.24

DS3 unordered\_set<int>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	103	120	52.2	51.9	52.4	51.2	58.4	57.6	59.7	58.9	55.1	54.1	56.9	55.3
7	103	122	52.5	52.1	52.9	51.8	63.3	61.9	64.4	63.8	55.3	54	56.8	55.7
8	109	128	53.6	53	53.7	52.6	76.3	74.7	77.4	75.9	56.5	54.9	57.9	56.7
9	113	134	54.5	53.4	54.9	53	83.1	81.7	82.8	81.4	57.3	56.7	58	56.4
10	119	143	56.6	54.9	56.9	54.6	87.6	85.9	88.1	86.5	58.8	56.9	59.2	57.3
11	122	144	57	55.3	57.7	54.9	90.7	89.2	90.7	88.4	59.4	57.6	60	57.8
12	122	146	57.9	55.9	58.4	55.7	93.2	90.7	93.2	90.7	60.5	58.3	60.7	58.4
13	124	148	58.2	56.3	58.5	55.9	95.1	91.5	94.3	92	60.5	58.2	60.7	58.7
14	139	166	59.1	57.3	59.6	56.8	98.5	94.1	97.8	95.8	61.8	59.6	62.2	60
15	176	211	66	62.7	66.2	62.4	121	115	122	115	76.5	73.3	76.8	74
16	196	232	78.5	72	79.1	71	137	127	136	127	87.1	82.4	87.8	82.9

DS4 unordered\_set<string>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	0.97	1.00	0.19	0.13	0.20	0.17	0.24	0.20	0.20	0.21	0.21	0.19	0.20	0.21
7	0.96	0.96	0.22	0.16	0.18	0.14	0.21	0.20	0.19	0.20	0.16	0.20	0.21	0.19
8	0.99	1.00	0.19	0.13	0.18	0.17	0.27	0.30	0.27	0.29	0.19	0.19	0.20	0.21
9	0.99	1.02	0.19	0.13	0.18	0.14	0.36	0.33	0.33	0.36	0.19	0.15	0.20	0.20
10	1.01	1.04	0.19	0.18	0.19	0.14	0.37	0.36	0.36	0.38	0.22	0.19	0.20	0.22
11	1.02	1.05	0.19	0.13	0.19	0.14	0.36	0.35	0.36	0.36	0.20	0.15	0.20	0.22
12	1.03	1.05	0.19	0.19	0.22	0.18	0.33	0.36	0.32	0.32	0.20	0.21	0.20	0.19
13	1.02	1.05	0.19	0.13	0.22	0.19	0.35	0.35	0.34	0.33	0.20	0.21	0.22	0.19
14	1.05	1.10	0.19	0.17	0.19	0.16	0.38	0.36	0.38	0.37	0.17	0.19	0.20	0.19
15	1.13	1.18	0.22	0.19	0.19	0.16	0.50	0.45	0.47	0.45	0.21	0.21	0.17	0.18
16	1.29	1.32	0.22	0.19	0.20	0.17	0.54	0.47	0.52	0.50	0.22	0.21	0.22	0.21

DS5    vector<vector<int>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	72.6	72.7	9.06	9.06	9.36	8.98	41.7	40	41.2	39.2	11.2	10.3	11.2	10.3
7	74.9	76	8.92	8.98	9.29	8.89	46.5	44.8	46	43	11.4	11	12.7	10.3
8	85.5	85.2	17.1	17.4	17.3	16.9	62.9	58.4	61.3	58.4	22.8	22.5	23.3	22
9	96.4	96.3	18.4	18.7	19	18.4	66.2	59	64.7	59.3	24.2	22.7	24.5	22.3
10	102	102	18.7	18.6	19.1	18.6	67	59.6	65.9	59	24.8	22.5	24.8	22.5
11	102	101	18.4	18.7	19.2	18.2	62.4	55	61.3	54.2	24.8	22.6	25.1	22.3
12	104	103	18.5	18.7	19.4	18.3	61.6	54.2	60.5	53.4	24.9	22.7	25.1	22.3
13	103	104	18.8	18.4	19	18.6	61.8	53.4	59.9	53.5	25.3	22.6	25.1	22.6
14	97.1	96.3	19.2	19.6	20.1	19.2	60.6	53.7	60.2	52.9	29	26.7	29.2	26.3
15	88.1	88.7	23.4	23.2	23.7	23.4	62.6	54.4	60.9	53.9	33.4	30.6	33.2	30.7
16	76.7	76.7	25	25.3	25.8	25	63.4	54.8	62.9	54.3	35	32.8	35.5	32.4

DS6    vector<vector<string>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	28.8	28.7	2.97	2.69	3.43	2.98	4.89	4.37	5.33	4.73	3.21	2.65	3.64	3.05
7	28.3	28.5	2.97	2.66	3.36	2.95	4.99	4.44	5.43	4.91	3.2	2.62	3.61	2.97
8	28.2	28.1	2.94	2.62	3.33	2.92	5.02	4.53	5.53	4.97	3.23	2.6	3.6	3.01
9	31.8	31.7	2.92	2.61	3.33	2.93	5.08	4.54	5.52	4.92	3.16	2.58	3.58	2.96
10	46.6	47.2	2.92	2.61	3.33	2.89	5.07	4.49	5.48	4.93	3.15	2.58	3.57	2.98
11	54.3	54.1	2.92	2.61	3.33	2.89	5.63	4.75	5.88	5.37	3.16	2.6	3.61	2.98
12	54.7	54.8	2.96	2.66	3.34	2.91	6.9	5.79	7.28	6.23	4.15	3.05	4.58	3.4
13	55.1	56	3.51	2.95	3.77	3.21	7.01	6.03	7.47	6.35	4.27	3.08	4.65	3.48
14	51	50.9	3.53	2.99	3.81	3.25	7.08	6	7.47	6.46	4.29	3.14	4.71	3.47
15	44.8	45.4	3.58	3.01	3.83	3.26	7.07	6.04	7.55	6.52	4.35	3.14	4.75	3.53
16	38.2	38.2	3.58	3.06	3.86	3.3	7.14	6.11	7.58	6.47	4.37	3.18	4.8	3.54

DS7    vector<unordered\_set<int>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	114	116	26	23.8	26.3	24	56.2	54.7	56.9	54.6	27.5	25.8	27.9	26
7	123	130	26.5	24.4	25.7	23.5	62.7	60.1	62.7	60.5	27.5	26.3	28.2	26.1
8	162	171	31.7	27.3	32.2	27.8	78	74.2	79.2	73.9	35	32	35.5	32.5
9	175	181	36.8	28	38.1	28	81.7	74.1	81.2	74.9	36.3	32.1	37.2	32.1
10	176	183	40	28.9	37.4	28.2	82.1	74.5	82.1	74.7	36.9	32	37.4	32.2
11	176	183	39.3	28	37.3	28	81.4	74.4	82	74.3	36.9	32.1	37.8	32.1
12	179	185	39.4	28	37.1	28	81.8	74.1	81.6	74.4	37	32	37.8	32.2
13	173	178	39.6	27.9	36.9	28.2	81.8	73.6	81.5	74.3	37.2	32	37.8	32.4
14	157	160	41	29.9	38.8	29.9	81.5	74.1	82.2	74	44	39.3	45.1	39.2
15	122	131	47.6	35.8	44.8	36.2	85.2	75.5	83.7	76.1	50.5	45.2	51	45.5
16	95.4	106	51.4	40.5	48.1	38.9	84.8	76.2	88.7	75.9	53.1	48.5	54.8	48.2

DS8    vector<unordered\_set<string>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	0.97	0.94	0.23	0.19	0.24	0.21	0.26	0.27	0.30	0.26	0.25	0.26	0.25	0.24
7	1.40	1.43	0.22	0.21	0.22	0.19	0.24	0.26	0.25	0.27	0.24	0.26	0.24	0.24
8	1.35	1.39	0.25	0.22	0.24	0.23	0.30	0.35	0.34	0.33	0.24	0.23	0.25	0.24
9	1.29	1.32	0.22	0.18	0.22	0.17	0.37	0.38	0.37	0.36	0.23	0.22	0.19	0.22
10	1.32	1.38	0.24	0.22	0.22	0.19	0.41	0.39	0.42	0.39	0.23	0.24	0.23	0.22
11	1.34	1.36	0.23	0.21	0.22	0.17	0.44	0.42	0.43	0.41	0.23	0.23	0.25	0.22
12	1.34	1.41	0.22	0.20	0.22	0.16	0.46	0.42	0.45	0.43	0.23	0.17	0.27	0.22
13	1.46	1.54	0.22	0.18	0.22	0.16	0.48	0.49	0.49	0.48	0.23	0.21	0.25	0.21
14	1.53	1.61	0.22	0.17	0.22	0.18	0.43	0.42	0.45	0.41	0.24	0.22	0.24	0.22
15	1.61	1.76	0.25	0.21	0.24	0.19	0.50	0.49	0.50	0.49	0.24	0.18	0.23	0.21
16	1.79	1.92	0.28	0.25	0.29	0.24	0.55	0.51	0.56	0.55	0.30	0.23	0.32	0.24

DS9 unordered\_set<vector<int>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	73	73.2	9.41	9.39	9.34	8.97	41.7	39.7	41.1	39.3	11.2	10.4	11.2	10.3
7	74.7	75.3	9.32	9.34	9.24	8.87	46.2	43.7	45.3	44.2	12.7	10.6	11.4	10.8
8	83.1	85.4	18	17.3	16.9	17.2	62.2	58.9	61.9	57.6	23.2	22.3	23.1	22.4
9	91.4	94.9	19	19	18.8	18.6	65	59.9	64.4	58.9	24.3	22.6	24.1	22.6
10	98.2	101	19.2	18.9	19.1	18.6	66.5	59.7	65.4	59.1	24.8	22.6	24.6	22.7
11	99.5	101	19	19.1	19.3	18.4	66.9	59.5	66.1	58.7	24.9	22.7	25.1	22.5
12	102	105	19.4	19	19.2	18.8	67	58.9	65.8	59.4	25.3	22.6	25.1	22.7
13	103	104	19	19.2	19.4	18.4	66.7	59.2	66.2	58.2	25.3	22.9	25.5	22.6
14	95.8	97.2	19.8	20	20.3	19.3	62.8	55.6	61.9	54.3	29.2	26.8	29.6	26.5
15	87.1	89.8	24	23.7	24	23.5	64.3	55	61.9	54.9	33.6	30.8	33.5	31
16	77.1	78.2	25.6	25.7	26	25.1	63.9	55.5	63.3	54.5	35.3	33	35.7	32.6

DS10 unordered\_set<vector<string>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	28.7	29.1	3.06	2.75	3.55	3.14	4.96	4.4	5.41	4.84	3.24	2.73	3.73	3.15
7	29.1	29	3.02	2.71	3.47	3.06	5.03	4.52	5.49	4.89	3.23	2.66	3.68	3.08
8	28.8	29.1	3	2.68	3.45	3.04	5.18	4.55	5.57	4.98	3.24	2.66	3.65	3.06
9	31.8	32.3	2.99	2.64	3.43	2.98	5.12	4.54	5.55	4.95	3.22	2.6	3.65	2.99
10	46.5	47.1	2.95	2.65	3.4	2.99	5.13	4.57	5.62	4.96	3.21	2.58	3.62	2.97
11	53.3	53.5	2.94	2.64	3.43	2.96	5.58	4.84	5.75	5.39	3.2	2.63	3.67	3.01
12	54.6	55	3.02	2.66	3.43	2.98	6.47	5.94	6.99	6.28	3.83	3	4.21	3.38
13	56.5	56.5	3.38	2.98	3.72	3.26	7.04	6.04	7.48	6.45	4.15	3.03	4.58	3.39
14	52.1	52.2	3.5	2.99	3.88	3.25	7.35	6.07	7.83	6.59	4.33	3.05	4.76	3.38
15	45.7	46.2	3.62	2.99	3.95	3.27	7.7	6.39	8.11	6.83	4.43	3.06	4.81	3.44
16	39.3	39.3	3.72	3.05	4.03	3.31	7.57	6.3	8.09	6.61	4.52	3.1	4.92	3.45

DS11 unordered\_set<unordered\_set<int>>

	AS1	AS2	AS3	AS4	AS5	AS6	AS7	AS8	AS9	AS10	AS11	AS12	AS13	AS14
6	121	125	25.9	23.7	26.1	23.9	56.3	54.5	56.7	54.7	27.4	25.8	27.8	26
7	141	145	26.4	24.3	25.6	23.4	62.1	59.6	62.5	60	27.9	25.8	28.3	25.8
8	165	173	31.5	27.3	32.2	27.7	77.4	73.7	77.8	74.2	34.8	31.9	35.6	32.2
9	171	178	35.9	27.6	34.4	27.8	80	73.7	79.7	74.6	35.7	32	36.5	31.9
10	177	182	38.7	28.6	35.6	27.9	81.1	74.3	81.3	74.3	36.7	31.8	37.1	32
11	177	183	38.2	27.6	36.2	27.7	81.3	74.3	82.2	74.1	37	32	37.8	31.9
12	179	186	39.1	27.7	36.5	28	81.6	73.5	81.5	74.1	37.3	31.8	37.9	32.1
13	165	169	39	27.8	36.7	27.8	81.3	73.9	82.8	73.5	37.3	32.1	38.3	32.1
14	153	156	40.9	29.6	38.7	29.6	81.5	74.1	82.4	73.7	44.4	39.2	45.4	39.1
15	122	131	47.6	35.7	44.8	36.1	85.7	75.2	83.9	75.4	51	45.1	51.4	45.5
16	100	111	51.4	40.4	48	38.8	85.1	75.5	86.2	75.6	53.6	48.4	54.6	48.2

DS12 unordered\_set<unordered\_set<string>>