ants1 ants3 bag ball1	ball2 basketball l	birds1 blanket	bmx   bolt1   bolt	lt2 book	butterfly car1	conduction1	crabs1 crossin	g dinosaur dr	rone_across   c	drone_flip   dro	ne1 fernando	fish1 fis	h2 fish3	flamingo1	frisbee gi	irl glove	godfather	graduate gyr	mnastics1 g	gymnastics2	gymnastics3	hand hand	lball1 handb	all2 helicopte	r iceskater1	iceskater2	leaves matrix	motocross1	motocross2 r	nature pedestr	ian1 rabbit	racing road	d shaking	sheep singer	$\mathbf{r2}  \mathbf{singer3}  \mathbf{s}$	occer1 soccer	2 soldier tige	er traffic v	wiper zebrafish1	Average
<b>DeepSRDCF</b> 0.7149 1.0594 0.5519 0.8711	0.5033 0.5882	1.2211 0.8152	0.4977 1.4160 1.08	817 0.5265	0.4813 0.5823	1.8762	0.4749 0.5689	0.5866	0.8795	1.1149 1.3	741 0.5420	0.8204 0.6	737 0.5724	0.7392	0.3736 0.6	648 0.5995	1.5456	1.2474	0.6994	0.5802	0.5193	0.8353 1.4	294 0.850	0.6609	0.6183	0.5600	0.5563 0.5803	0.5296	0.4663	0.5868 0.924	4 0.6747	0.9095 1.314	3 0.6372	1.1407 0.597	0.9409	0.6088 0.8657	7 0.4984 0.60	0.7811	0.9785 0.4746	0.7831
<b>CCOT</b> 0.1357 0.1434 0.1116 0.1429	0.0720 0.1064	0.1710 0.1731	0.1071 0.1636 0.13	301 0.0770	0.0885 0.1148	0.2439	0.0939 0.1088	0.1139	0.1359	0.1299 0.1	601 0.0940	0.1117 0.1	256 0.1068	0.2067	0.1542 0.1	451 0.4598	0.6376	0.2471	0.2034	0.1335	0.0707	0.1344 0.1	595 0.133	0.1068	0.1335	0.1020	0.0993 0.1386	0.1127	0.0981	0.1367 0.161	8 0.1163	0.1633 0.170	7 0.1589	0.1704 0.092	4 0.1149	0.1191 0.1090	0.0746 0.09	992 0.1490 (	0.1832 0.1174	0.1463
UCT 10.7427 11.5286 16.9184 10.2795	4.0762 19.4009	9.8967 18.4538	5.9013 16.9863 19.47	767 9.5868	14.4965 16.3034	12.7375	5.4262 10.9394	18.5789	8.9722	3.5886 5.5	530 16.3844	11.9996 11.	0480 17.8893	12.6780	5.6024 17.8	8977 7.4328	20.4631	17.7536	19.5796	9.2769	7.5899	8.2777 12.9	9914 11.66	49 13.6500	21.0691	17.7350	2.8986 8.3759	11.3123	3.0596	1.7421 16.22	3 4.4360	10.2235 14.062	28 15.5730 1	8.3055 17.317	79 7.2305	15.7841 6.8495	6.7499 14.94	473 12.4832 1	7.9975 5.3200	12.1953
<b>DSiam</b> 8.7530 10.3222 12.3908 8.3089	5.0090 14.4752	9.7734 14.2975	9.6478 11.8967 13.75	5.3602	12.1619 13.7183	8.3826	5.0256 10.9136	6 10.4266	9.1326	5.2332 8.7	640 11.0408	10.2782 10.	6117 14.4294	11.6596	5.7879 13.5	5547 8.0775	13.2119	13.7417	12.9601	7.8510	7.0469	3.8531 10.3	3873 11.13	36 12.0876	12.0526	11.5079	3.9438 6.8812	8.8279	4.6262	9.7272 8.885	6 5.0275	8.7701 10.355	59 11.3810 1	1.7281 8.222	9.5728	9.7014 9.1741	1 6.6786 9.91	13 9.5836 1	1.7925 4.6679	9.6414
<b>CFNet</b> 25.6597 25.1416 40.1062 24.2537	17.0278 45.5797 2	24.1740 44.9994	26.6005 38.8331 46.91	110 19.8177	37.2423 39.9629	27.0542	17.4247 29.3537	7 32.3750	25.5967	17.9596 26.6	518 34.4629	34.1322 35.	44.5344	30.1533	15.3302 41.8	8788 28.8931	40.7696	44.0765	42.8656	25.6120	22.3614	31.8550 35.6	35.63	24 37.2340	38.7981	37.7106	2.0031 26.0295	34.9511	17.3786	34.0587 42.520	55 21.7076	38.4395 32.949	97 42.2461 4	4.0891 32.308	86 27.3938	36.2887 29.5913	3 22.5584 39.00	659 30.4710 4	3.1720 16.2901	31.8890
ECO 4.7960 5.5821 3.6960 3.2384	0.9144 5.0201	3.2532 4.7656	2.3378 5.3154 4.01	169 2.6928	3.4734 4.5450	5.2494	2.4549 3.0833	4.2201	3.8406	3.5089 4.13	231 3.2069	2.6072 3.1	536 4.8869	5.5013	1.5084 5.0	285 2.2606	5.5619	5.7517	5.4299	2.0673	1.8743	3.6526 5.8	121 3.183	30 4.3913	5.0535	3.8973	1.3985 3.2182	2.5194	2.0531	3.8575 3.994	1 1.1351	4.0375 5.830	1 4.7748	4.8423 3.478	3.4564	2.9633 2.3560	2.1517 3.52	299 4.1718 5	5.5114 2.0995	3.7056
<b>DeepCSRDCF</b> 3.4144 3.2055 3.2345 3.9369	2.1446 3.5251	2.4078 4.0271	1.4773 4.4085 5.28	839 3.0035	3.3604 2.9891	2.0060	1.7078 2.2228	3.1476	2.9591	3.1220 3.74	437 2.4147	3.5225 2.3	120 4.2309	3.6781	1.3716 2.2	096 2.4075	3.7729	4.9378	5.3288	2.4721	2.2349	4.2605 4.0	574 3.945	26 4.1451	5.0992	4.5473	2.0563 4.1000	3.5428	2.1344	3.4878 5.024	8 2.7410	3.2430 4.712	9 4.4740	5.0516 2.267	2 2.3753	3.6165 1.5334	1.8573 2.76	556 1.6812 1	1.6487 0.7777	3.1894
MCPF 0.3209 0.2256 0.1630 0.4145	0.5898 0.4162	0.6305 0.7748	0.0861 0.5344 0.45	562 0.3089	0.2286 0.1300	1.0666	0.3639 0.5176	0.1683	0.5503	0.8494 0.89	950 0.1308	0.3007 0.2	842 0.2941	0.5722	0.1799 0.4	758 0.3351	0.8843	0.9768	0.5657	0.2050	0.0954	0.3998 0.8	095 0.34	0.0952	0.3106	0.1517	0.6142 0.4379	0.1126	0.0426	0.0720 0.979	2 0.5665	0.4475 0.593	8 0.2671	0.7461 0.112	0.2442	0.3098 0.6628	8 0.2343 0.30	010 0.6165 (	0.4230 0.2900	0.4195
<b>DCFNet</b> 15.2284 21.9266 44.8773 22.0795	8.8753 49.8620 2	21.3944 56.4589	20.1446 35.1797 41.65	586 27.7077	27.2036 50.5115	23.9386	11.5584 25.4570	27.7766	17.9598	9.2849 19.0	33.5075	27.1445 22.	5160 41.9305	25.0068	6.9067 44.7	7940 12.1674	55.8864	35.9787	40.8886	16.0094	9.4063	18.3276 29.6	6148 27.88	93 43.5064	45.7783	37.7561	7.7520 18.2755	13.2212	9.8483	27.1350 10.36	8 9.3030	32.9035 26.674	48 36.9340 4	4.5682 30.983	36 29.4361	11.0873 9.6446	6 13.8372 42.5	172 23.0147 4	3.3022 11.8074	27.2624
<b>UPDT</b> 0.4017 0.3897 0.3194 0.2912	0.1819 0.4034	0.3303 0.3506	0.2220 0.4098 0.39	994 0.1998	0.2948 0.4022	0.4113	0.1892 0.2777	0.3559	0.3352	0.3016 0.3	605 0.3495	0.3563 0.3	066 0.3747	0.4030	0.2134 0.4	0.2490	0.9168	1.0577	1.1029	1.1544	0.7366	1.0520 1.4	230 0.270	63 0.3726	0.3968	0.3982	0.1498 0.2144	0.2949	0.1928	0.4511 0.857	0.4197	0.8627 0.440	1 0.3654	0.3975 0.370	2 0.3122	0.2822 0.3289	0.2078 0.37	717 0.3656 (	0.4154 0.4032	0.4346
<b>TRACA</b> 4.6438 10.1134 14.7299 1.4965	1.9332 21.1908	8.7637 10.6658	6.5122 10.3033 22.77	786 2.2342	6.9337 28.9159	12.0579	2.0004 10.3056	5 5.1497	6.4345	1.6318 6.1	651 8.4443	6.8101 5.9	442 29.2799	17.7680	2.1105 27.6	6827 2.8959	25.2110	14.1862	7.7802	5.3912	2.7296	3.2221 4.0	892 4.803	34 22.0864	17.5313	12.1109	1.3891 3.2798	5.3226	1.7843	5.9523 1.826	3 2.4347	13.3714 23.575	53 24.0306 1	1.3312 21.935	53 5.7067	9.0582 0.5956	6.0875 10.80	087 13.7567 1	4.3589 2.1664	10.0635
<b>DeepSTRCF</b> 3.1532 2.9717 2.8901 2.9393	2.5419 2.7339	3.3338 2.6710	1.6965 3.2078 3.34	427 2.9550	2.9237 2.9290	3.4315	2.4409 2.6454	2.8169	3.1210	3.0482 3.2	287 2.5260	2.4966 2.8	717 3.0110	3.2980	2.6984 3.1	112 2.6955	3.4701	3.3353	3.3283	2.8362	2.3477	2.5716 3.4	874 3.343	31 2.8546	3.0837	2.8092	2.2399 3.1115	2.7515	2.0898	2.6276 3.202	0 2.5344	3.1275 3.393	6 3.0848	3.1382 2.623	4 2.8871	3.1201 3.0951	1 2.4453 2.98	3.1334	3.3440 2.8128	2.9157
SiamRPN 71.9253 73.4181 121.0451 87.7291	89.5858 122.8804 6	61.9912 143.3950	74.4997 107.9328 146.1	1089 105.0515	113.8260 105.8997	87.9183	76.8424 92.8200	125.1504	87.0340	91.8986 91.9	784 102.5811	118.5492 119.	7955 126.6972	86.4132	49.2903 115.	0375 119.0564	120.4419	114.6611 1	143.3819	84.8143	72.6424	135.8185 148.	2502 117.85	247 103.1310	128.1996	110.0821 8	34.1977 115.284	7 123.4064	54.3700	34.9011 143.84	19 127.8784	120.2812 97.958	87 117.5134 1	32.6183 110.68	79 91.6246 1	19.0848 94.960	7 67.9332 104.5	5345 94.7564 13	31.0282 55.3952	104.4643
<b>SA-Siam</b> 22.6214 22.9149 37.2955 23.5448	9.8271 35.0326 1	17.5450 33.0705	15.7198 28.4564 27.73	363 14.2666	29.7498 31.5410	21.6001	12.4084 21.5794	4 23.3827	18.7047	14.0879 17.0	998 22.6729	18.9656 17.	1089 30.0817	22.3479	11.7937 27.4	4806 14.5085	21.3596	25.2753	30.1050	27.3101	18.8382	16.4513 26.1	1091 20.81	71 23.0646	29.4669	32.7433	13.8583 16.2060	19.7044	19.6964	26.3606 20.634	9 15.9311	23.1559 27.376	60 28.4965 2	28.0371 22.655	58 23.4930 2	20.5483   15.059	7 18.3663 28.10	698 28.9420 3	1.3848 18.8817	22.6941
<b>LSART</b> 2.0132 2.3424 1.7443 1.2443	0.7081 2.9346	1.6131 2.0904	1.0444 2.0136 1.97	720 0.6601	1.5083 2.3712	2.0113	0.7599 1.7268	2.0597	1.2798	1.3515 1.7	966 1.7456	1.3530 1.1	483 2.2847	2.0450	1.0328 2.7	283 0.8654	2.0933	2.8928	2.4472	1.9168	0.9966	1.5950 1.7	835 1.513	38 2.0432	2.9829	2.0770	0.5749 0.8171	1.6509	0.8100	1.8097 2.171	0.6869	1.6198 2.174	4 2.2944	1.8530 2.204	7 1.3610	1.4376 1.1537	7 1.5232 2.43	310 2.0702 2	2.1521 1.5079	1.7182
<b>DRT</b> 0.5215 0.5441 0.3652 0.4674	0.3870 0.4354	0.4978 0.5420	0.3143 0.5483 0.55	506 0.3586	0.3438 0.3776	0.5305	0.2388 0.3648	0.3687	0.4952	0.4726 0.5	102 0.3700	0.5146 0.3	907 0.4342	0.5530	0.2914 0.4	365 0.3981	0.5627	0.5610	0.4340	0.4647	0.2460	0.5430 0.5	497 0.49	0.3888	0.3870	0.3845	0.3149 0.4735	0.3105	0.2966	0.3647 0.505	2 0.3912	0.5057 0.559	8 0.4871	0.5446 0.353	3 0.4939	0.3178 0.4818	8 0.2987 0.37	770 0.5140 (	0.5492 0.4958	0.4378
<b>DAT</b> 21.3019 26.9613 36.6004 24.7980	7.5810 38.8398 1	15.3975 57.1918	20.0376 48.0202 48.02	285 27.4234	30.1595 31.3635	6.4039	23.1631 28.9884	4 35.9069	19.4701	12.0855 19.3	375 25.7197	42.0419 33.	0361 41.2684	28.0399	11.3310 47.3	3426 20.1166	57.0238	36.7230	56.7646	25.8313	14.9927	33.8508 41.8	38.10	32 39.7615	43.1908	41.0379	15.0533 17.6496	21.2642	13.4300 3	31.8593 26.420	18.1351	30.3536 35.439	94 20.3728 3	35.8253 24.992	28 20.2910	19.8265 19.0089	9 24.1634 32.5	756 21.3623 1	6.8636 16.6799	28.6446
<b>CFCF</b> 0.6289 0.7703 0.3585 0.3736	0.1371 0.5180	0.4585 0.5422	0.2282 0.6498 0.43	378 0.2454	0.3165 0.5231	0.6030	0.2096 0.2874	0.4364	0.4230	0.3608 0.6	468 0.2964	0.2396 0.1	993 0.4739	0.6904	0.1182 0.5	349 0.1433	0.6559	0.7123	0.4408	0.4465	0.1191	0.3671 0.4	481 0.25	88 0.4543	0.4966	0.3778	0.1249 0.3621	0.1546	0.0976	0.3193 0.331	3 0.1459	0.4378 0.730	0 0.4834	0.4881 0.292	6 0.3714	0.3833 0.2392	2 0.1798 0.35	0.4609	0.6065 0.1469	0.3889
<b>CRPN</b> 14.2443 10.5974 16.8791 10.1422	2.6035 21.9349 1	12.0021 19.2835	7.9152 21.3263 22.27	715 6.9477	13.8422 25.7895	8.6573	3.7934 11.2572	2 11.6804	7.6411	2.7032 6.6	249 19.8574	10.1586 8.7	276 24.3319	17.2204	5.3863 24.6	6403 4.9597	12.8783	27.7406	26.4210	8.1551	6.5254	7.9977 16.7	7503 8.88	17.4266	21.7277	15.9342	3.7284 6.1837	9.1599	6.3865	8.2004 12.83	4.9359	13.0518 21.305	50 22.0263 2	20.4783 16.313	31 7.4688 1	10.5778 3.9777	7 11.1529 16.9	765 15.1933 1	7.0072 13.2961	13.2352
GCT 24.1237 20.8971 27.5895 17.4718	10.1944 32.2448 1	17.6550 29.2671	15.0251 22.2683 32.56	651 9.2090	25.2402 34.7013	30.4026	9.5888 21.8185	5 17.8961	21.9734	7.2950 14.6	104 25.2893	21.8791 19.	5021 35.8158	28.2636	13.3261 38.9	9707 10.3199	33.9446	41.4563	28.5785	21.0285	13.2369	8.7628 16.8	3627 19.82	42 28.9529	44.0308	28.5732	7.8775 8.6593	26.7177	14.2661 3	31.0746 25.242	6.8529	25.2972 32.729	94 33.9144 3	31.1268 34.386	64 22.5985 2	22.7948 10.557	5 19.9216 26.09	998 24.4919 2	6.3067 23.3711	22.9157
SiamRPNpp 28.9876 27.6878 38.9300 32.7628	33.6268 34.8578 2	25.3183 41.1262	32.4349 30.2867 38.70	008 37.6541	37.8932 32.0734	29.6964	30.1916 33.8073	37.4410	32.8739	32.5362 30.9	950 35.4317	34.8849 35.9	9830 35.1118	28.7959	22.1795 33.9	9920 36.2144	36.9661	35.2474	38.0805	33.2123	32.4113	38.8232 39.7	7313 35.38	10 36.4131	37.8165	34.6519	32.6721 37.2577	37.4528	33.6878	32.3038 40.12	37.6074	36.4006 33.413	39 38.1889 3	35.655	57 34.6235 3	36.2685 33.0879	9 30.8931 34.90	654 33.7245 3	7.0852 26.1175	34.3602
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