

1 Best performing detector configurations by dataset

method _{configID}	F-measure	threshold	θ	wht	ω	δ (s)
cdsf-1 ₁₅₄₂	0.8580	10.0000	2.1500	off	0.2000	n/a
bersf-1 ₁₇₆₃	0.8559	10.0000	2.4000	off	0.3000	n/a
bersf-2 ₁₃₃₀	0.8528	40.0000	2.1500	off	n/a	0.0500
bersf-0 ₁₆₄	0.8451	30.0000	2.4000	off	n/a	n/a
cdsf-2 ₁₅₂₈	0.8392	50.0000	2.4000	off	n/a	0.0500
sf ₁₆₂	0.8274	20.0000	2.4000	off	n/a	n/a
cdber-1 ₁₇₆₅	0.8145	10.0000	2.4000	off	0.5000	n/a
bersd-1 ₁₇₆₆	0.8073	10.0000	2.4000	off	0.6000	n/a
hfccd-1 ₁₆₈₇	0.8032	20.0000	1.1500	off	0.5000	n/a
cdber-2 ₆₂₈	0.7967	50.0000	1.1500	off	n/a	0.0500
cd ₁₆₀	0.7966	10.0000	2.4000	off	n/a	n/a
cdsd-1 ₁₇₈₇	0.7957	20.0000	2.4000	off	0.5000	n/a
cdpd-1 ₁₇₇₀	0.7929	10.0000	2.4000	off	1.0000	n/a
cdsd-2 ₆₂₈	0.7912	50.0000	1.1500	off	n/a	0.0500
hfcsd-1 ₉₅₀	0.7895	40.0000	1.4000	off	0.4000	n/a
hfcbber-1 ₁₃₉₃	0.7892	40.0000	1.9000	off	0.7000	n/a
hfcbber-0 ₁₆₀	0.7883	10.0000	2.4000	off	n/a	n/a
ber ₁₆₀	0.7883	10.0000	2.4000	off	n/a	n/a
pdber-1 ₁₇₇₀	0.7870	10.0000	2.4000	off	1.0000	n/a
cdber-0 ₁₆₀	0.7819	10.0000	2.4000	off	n/a	n/a
sdpd-1 ₁₇₉₁	0.7818	20.0000	2.4000	off	0.9000	n/a
sdber-0 ₁₆₀	0.7801	10.0000	2.4000	off	n/a	n/a
hfccd-2 ₆₄₆	0.7798	60.0000	1.1500	off	n/a	0.0500
hfcpd-1 ₅₄₈	0.7798	50.0000	0.9000	on	0.9000	n/a
sd ₁₆₂	0.7795	20.0000	2.4000	off	n/a	n/a
bersd-2 ₁₃₈₅	0.7784	70.0000	2.1500	on	n/a	0.0500
hfcsd-0 ₆₈	0.7768	50.0000	1.1500	off	n/a	n/a
hfccd-0 ₈₆	0.7751	40.0000	1.4000	off	n/a	n/a
bercd-0 ₁₆₆	0.7744	40.0000	2.4000	off	n/a	n/a
bersd-0 ₁₆₆	0.7739	40.0000	2.4000	off	n/a	n/a
hfc ₄₈	0.7712	50.0000	0.9000	off	n/a	n/a
hfcbber-2 ₁₁₈₆	0.7696	60.0000	1.9000	off	n/a	0.0500
hfcsd-2 ₁₂₀₅	0.7649	70.0000	1.9000	on	n/a	0.0500
lpcpd-1 ₅₆₉	0.7594	60.0000	0.9000	on	0.8000	n/a
lpc ₄₉	0.7496	50.0000	0.9000	on	n/a	n/a
sdpd-2 ₁₀₄₃	0.7262	80.0000	1.6500	on	n/a	0.0500
cdpd-2 ₅₀₃	0.7205	80.0000	0.9000	on	n/a	0.0500
hfcpd-2 ₁₀₄₃	0.7158	80.0000	1.6500	on	n/a	0.0500
lpcpd-2 ₁₅₈₃	0.6976	80.0000	2.4000	on	n/a	0.0500
pd ₁₅₅	0.6537	80.0000	2.1500	on	n/a	n/a
hfcpd-0 ₁₅₅	0.6537	80.0000	2.1500	on	n/a	n/a
rp ₁₇₅	0.6476	80.0000	2.4000	on	n/a	n/a
pdber-2 ₁₆₀₀	0.5303	90.0000	2.4000	off	n/a	0.0500

Table 1: Summary of results for dataset **all**

statistic	F-measure	threshold	θ	wht	ω	δ (s)
mean	0.7731	41.2766	1.9426	0.2766	0.6267	0.0500
std	0.0587	26.1434	0.5657	0.4473	0.2407	0.0000
median	0.7818	40.0000	2.1500	0.0000	nan	nan
mode	0.6537	10.0000	2.4000	0.0000	0.5000	0.0500
counts	2.0000	13.0000	23.0000	34.0000	4.0000	15.0000

Table 2: Statistical summary of parameter configs for dataset **all**

method _{configID}	F-measure	threshold	θ	wht	ω	δ (s)
cdsf-1 ₁₅₄₂	0.8194	10.0000	2.1500	off	0.2000	n/a
sf ₁₆₂	0.8126	20.0000	2.4000	off	n/a	n/a
bersf-1 ₁₇₈₂	0.8126	20.0000	2.4000	off	0.0000	n/a
bersf-2 ₁₂₉₄	0.8089	20.0000	2.1500	off	n/a	0.0500
bersf-0 ₁₆₀	0.8025	10.0000	2.4000	off	n/a	n/a
cdsf-2 ₁₅₂₈	0.7892	50.0000	2.4000	off	n/a	0.0500
cdber-1 ₁₇₆₅	0.7877	10.0000	2.4000	off	0.5000	n/a
bersd-1 ₁₇₆₆	0.7843	10.0000	2.4000	off	0.6000	n/a
hfccd-1 ₇₁₀	0.7802	30.0000	1.1500	off	0.6000	n/a
cdsd-2 ₁₅₁₆	0.7728	50.0000	2.4000	off	n/a	0.0200
hfcbcr-1 ₁₃₇₀	0.7720	30.0000	1.9000	off	0.6000	n/a
cdsd-1 ₁₇₆₄	0.7715	10.0000	2.4000	off	0.4000	n/a
cd ₁₆₀	0.7692	10.0000	2.4000	off	n/a	n/a
pdber-1 ₁₇₆₉	0.7665	10.0000	2.4000	off	0.9000	n/a
hfcsd-1 ₁₁₂₆	0.7660	20.0000	1.6500	off	0.4000	n/a
cdpd-1 ₁₇₇₀	0.7629	10.0000	2.4000	off	1.0000	n/a
hfcbcr-0 ₁₆₀	0.7626	10.0000	2.4000	off	n/a	n/a
ber ₁₆₀	0.7626	10.0000	2.4000	off	n/a	n/a
cdber-2 ₆₂₈	0.7605	50.0000	1.1500	off	n/a	0.0500
sd ₁₄₂	0.7604	20.0000	2.1500	off	n/a	n/a
bersd-0 ₁₆₆	0.7595	40.0000	2.4000	off	n/a	n/a
bercd-0 ₁₆₇	0.7587	40.0000	2.4000	on	n/a	n/a
sdpd-1 ₁₅₇₂	0.7585	20.0000	2.1500	off	1.0000	n/a
sdber-0 ₁₆₀	0.7552	10.0000	2.4000	off	n/a	n/a
hfcpd-1 ₇₆₈	0.7506	50.0000	1.1500	on	0.9000	n/a
hfccd-2 ₆₄₆	0.7505	60.0000	1.1500	off	n/a	0.0500
bersd-2 ₁₃₃₀	0.7477	40.0000	2.1500	off	n/a	0.0500
hfcsd-0 ₈₈	0.7443	50.0000	1.4000	off	n/a	n/a
cdber-0 ₁₆₀	0.7439	10.0000	2.4000	off	n/a	n/a
hfcsd-2 ₁₂₀₃	0.7435	70.0000	1.9000	on	n/a	0.0450
hfc ₆₈	0.7411	50.0000	1.1500	off	n/a	n/a
hfcbcr-2 ₆₁₀	0.7344	40.0000	1.1500	off	n/a	0.0500
hfccd-0 ₆₆	0.7324	40.0000	1.1500	off	n/a	n/a
lpcpd-1 ₇₈₈	0.7296	60.0000	1.1500	on	0.7000	n/a
lpc ₄₇	0.7243	40.0000	0.9000	on	n/a	n/a
sdpd-2 ₁₂₂₃	0.6840	80.0000	1.9000	on	n/a	0.0500
cdpd-2 ₅₂₁	0.6809	90.0000	0.9000	on	n/a	0.0500
hfcpd-2 ₁₄₀₃	0.6799	80.0000	2.1500	on	n/a	0.0500
lpcpd-2 ₁₄₀₃	0.6676	80.0000	2.1500	on	n/a	0.0500
rp ₁₇₅	0.6145	80.0000	2.4000	on	n/a	n/a
pd ₁₁₅	0.6144	80.0000	1.6500	on	n/a	n/a
hfcpd-0 ₁₁₅	0.6144	80.0000	1.6500	on	n/a	n/a
pdber-2 ₁₂₅₆	0.5224	100.0000	1.9000	off	n/a	0.0450

Table 3: Summary of results for dataset **sb**

statistic	F-measure	threshold	θ	wht	ω	δ (s)
mean	0.7438	38.5106	1.9426	0.2553	0.5933	0.0473
std	0.0579	26.5762	0.5242	0.4360	0.2744	0.0075
median	0.7595	40.0000	2.1500	0.0000	nan	nan
mode	0.6144	10.0000	2.4000	0.0000	0.6000	0.0500
counts	2.0000	14.0000	20.0000	35.0000	4.0000	12.0000

Table 4: Statistical summary of parameter configs for dataset **sb**

method _{configID}	F-measure	threshold	θ	wht	ω	δ (s)
cdsf-1 ₁₈₅₀	0.9286	50.0000	2.4000	off	0.2000	n/a
bersf-1 ₁₈₂₇	0.9283	40.0000	2.4000	off	0.1000	n/a
bersf-2 ₁₅₄₆	0.9230	60.0000	2.4000	off	n/a	0.0500
bersf-0 ₁₆₆	0.9175	40.0000	2.4000	off	n/a	n/a
cdsf-2 ₁₅₆₄	0.9165	70.0000	2.4000	off	n/a	0.0500
cdber-1 ₁₇₈₅	0.8560	20.0000	2.4000	off	0.3000	n/a
cdber-2 ₁₁₆₈	0.8498	50.0000	1.9000	off	n/a	0.0500
sf ₁₆₆	0.8488	40.0000	2.4000	off	n/a	n/a
bersd-1 ₁₃₄₉	0.8420	20.0000	1.9000	off	0.7000	n/a
hfccd-1 ₁₈₅₁	0.8416	50.0000	2.4000	off	0.3000	n/a
cdpd-1 ₁₇₆₉	0.8356	10.0000	2.4000	off	0.9000	n/a
cdsd-1 ₁₈₁₁	0.8341	30.0000	2.4000	off	0.7000	n/a
cdber-0 ₁₆₀	0.8327	10.0000	2.4000	off	n/a	n/a
hfccd-0 ₈₆	0.8326	40.0000	1.4000	off	n/a	n/a
cd ₁₆₀	0.8320	10.0000	2.4000	off	n/a	n/a
hfcsd-1 ₁₁₇₂	0.8262	40.0000	1.6500	off	0.6000	n/a
sdpd-1 ₁₄₅₀	0.8261	60.0000	1.9000	on	0.9000	n/a
hfcber-0 ₁₆₂	0.8254	20.0000	2.4000	off	n/a	n/a
ber ₁₆₂	0.8254	20.0000	2.4000	off	n/a	n/a
cdsd-2 ₁₅₆₃	0.8226	70.0000	2.4000	on	n/a	0.0450
hfcber-1 ₅₁₃	0.8226	40.0000	0.9000	off	0.7000	n/a
pdber-1 ₁₇₉₂	0.8226	20.0000	2.4000	off	1.0000	n/a
bersd-2 ₁₅₆₅	0.8217	70.0000	2.4000	on	n/a	0.0500
hfcsd-0 ₆₆	0.8216	40.0000	1.1500	off	n/a	n/a
sd ₁₁₃	0.8210	70.0000	1.6500	on	n/a	n/a
hfccd-2 ₄₈₄	0.8200	70.0000	0.9000	off	n/a	0.0500
hfcpd-1 ₅₂₆	0.8197	40.0000	0.9000	on	0.9000	n/a
hfcber-2 ₁₁₈₆	0.8183	60.0000	1.9000	off	n/a	0.0500
hfc ₁₁₀	0.8159	60.0000	1.6500	off	n/a	n/a
sdber-0 ₁₆₀	0.8132	10.0000	2.4000	off	n/a	n/a
hfcsd-2 ₄₈₄	0.8069	70.0000	0.9000	off	n/a	0.0500
bercd-0 ₁₆₈	0.8067	50.0000	2.4000	off	n/a	n/a
lpcpd-1 ₁₂₂₉	0.8029	60.0000	1.6500	on	0.8000	n/a
bersd-0 ₁₆₉	0.8016	50.0000	2.4000	on	n/a	n/a
lpc ₇₁	0.7913	60.0000	1.1500	on	n/a	n/a
cdpd-2 ₁₀₄₃	0.7875	80.0000	1.6500	on	n/a	0.0500
sdpd-2 ₁₀₄₃	0.7827	80.0000	1.6500	on	n/a	0.0500
hfcpd-2 ₈₆₃	0.7667	80.0000	1.4000	on	n/a	0.0500
lpcpd-2 ₁₅₈₃	0.7394	80.0000	2.4000	on	n/a	0.0500
pd ₁₇₅	0.7114	80.0000	2.4000	on	n/a	n/a
hfcpd-0 ₁₇₅	0.7114	80.0000	2.4000	on	n/a	n/a
rp ₁₃₃	0.6958	70.0000	1.9000	on	n/a	n/a
pdber-2 ₁₆₀₀	0.5507	90.0000	2.4000	off	n/a	0.0500

Table 5: Summary of results for dataset **jpb**

statistic	F-measure	threshold	θ	wht	ω	δ (s)
mean	0.8183	49.3617	2.0064	0.3404	0.6067	0.0497
std	0.0628	22.9156	0.5046	0.4739	0.2816	0.0012
median	0.8226	50.0000	2.4000	0.0000	nan	nan
mode	0.7114	40.0000	2.4000	0.0000	0.7000	0.0500
counts	2.0000	8.0000	26.0000	31.0000	4.0000	14.0000

Table 6: Statistical summary of parameter configs for dataset **jpb**

method _{configID}	F-measure	threshold	θ	wht	ω	δ (s)
cdsf-1 ₁₈₂₉	0.9368	40.0000	2.4000	off	0.3000	n/a
sf ₁₆₆	0.9350	40.0000	2.4000	off	n/a	n/a
bersf-1 ₁₈₂₆	0.9350	40.0000	2.4000	off	0.0000	n/a
bersf-0 ₁₆₂	0.9307	20.0000	2.4000	off	n/a	n/a
bersf-2 ₁₅₁₀	0.9300	40.0000	2.4000	off	n/a	0.0500
cdsf-2 ₈₄₄	0.9146	70.0000	1.4000	off	n/a	0.0500
cdber-1 ₄₈₅	0.9081	30.0000	0.9000	off	0.1000	n/a
bersd-1 ₂₇₇	0.9074	30.0000	0.6500	on	0.2000	n/a
sdpd-1 ₆₉₀	0.9071	20.0000	1.1500	off	0.8000	n/a
hfcber-1 ₁₇₇₉	0.9037	10.0000	2.4000	on	0.8000	n/a
bercd-0 ₁₆₂	0.9017	20.0000	2.4000	off	n/a	n/a
cdpd-1 ₁₈₁₃	0.9010	30.0000	2.4000	off	0.9000	n/a
bersd-0 ₁₆₄	0.9007	30.0000	2.4000	off	n/a	n/a
cdber-2 ₆₄₆	0.8998	60.0000	1.1500	off	n/a	0.0500
lpcpd-1 ₂₉₂	0.8991	40.0000	0.6500	off	0.6000	n/a
cdsd-1 ₇₅	0.8985	40.0000	0.4000	off	0.9000	n/a
bersd-2 ₄₆₆	0.8978	60.0000	0.9000	off	n/a	0.0500
hfccd-1 ₄₈₄	0.8963	30.0000	0.9000	off	0.0000	n/a
cd ₄₄	0.8963	30.0000	0.9000	off	n/a	n/a
sd ₂₂	0.8956	20.0000	0.6500	off	n/a	n/a
hfcsd-1 ₂₄₂	0.8956	20.0000	0.6500	off	0.0000	n/a
cdsd-2 ₄₃₀	0.8956	40.0000	0.9000	off	n/a	0.0500
hfcpd-1 ₁₇₇₉	0.8932	10.0000	2.4000	on	0.8000	n/a
hfcber-2 ₄₁₃	0.8905	30.0000	0.9000	on	n/a	0.0500
hfccd-2 ₇₉₆	0.8896	50.0000	1.4000	off	n/a	0.0200
hfccd-0 ₁₄₄	0.8896	30.0000	2.1500	off	n/a	n/a
hfcsd-2 ₁₄₇₅	0.8893	20.0000	2.4000	on	n/a	0.0500
hfcsd-0 ₁₆₁	0.8882	10.0000	2.4000	on	n/a	n/a
hfc ₁₆₅	0.8878	30.0000	2.4000	on	n/a	n/a
cdber-0 ₁₆₀	0.8856	10.0000	2.4000	off	n/a	n/a
lpc ₄₇	0.8819	40.0000	0.9000	on	n/a	n/a
pdber-1 ₁₇₈₀	0.8763	10.0000	2.4000	on	0.9000	n/a
hfcber-0 ₁₆₁	0.8731	10.0000	2.4000	on	n/a	n/a
ber ₁₆₁	0.8731	10.0000	2.4000	on	n/a	n/a
sdber-0 ₁₆₀	0.8691	10.0000	2.4000	off	n/a	n/a
lpcpd-2 ₆₈₂	0.7845	80.0000	1.1500	off	n/a	0.0500
sdpd-2 ₅₂₁	0.7634	90.0000	0.9000	on	n/a	0.0500
cdpd-2 ₁₅₈₃	0.7610	80.0000	2.4000	on	n/a	0.0500
hfcpd-2 ₆₈₃	0.7332	80.0000	1.1500	on	n/a	0.0500
rp ₅₁	0.5609	60.0000	0.9000	on	n/a	n/a
pd ₁₃	0.5042	70.0000	0.4000	on	n/a	n/a
hfcpd-0 ₁₃	0.5042	70.0000	0.4000	on	n/a	n/a
pdber-2 ₁₂₂₂	0.3799	80.0000	1.9000	off	n/a	0.0500

Table 7: Summary of results for dataset **mt**

statistic	F-measure	threshold	θ	wht	ω	δ (s)
mean	0.8527	38.7234	1.5436	0.3830	0.4400	0.0480
std	0.1206	22.7490	0.7679	0.4861	0.3648	0.0075
median	0.8956	30.0000	1.1500	0.0000	nan	nan
mode	0.5042	30.0000	2.4000	0.0000	0.0000	0.0500
counts	2.0000	11.0000	19.0000	29.0000	3.0000	14.0000

Table 8: Statistical summary of parameter configs for dataset **mt**

method _{configID}	F-measure	threshold	θ	wht	ω	δ (s)
cdsf-1 ₁₉₁₇	0.9060	80.0000	2.4000	off	0.3000	n/a
bersf-1 ₁₈₄₉	0.8869	50.0000	2.4000	off	0.1000	n/a
sf ₁₇₀	0.8843	60.0000	2.4000	off	n/a	n/a
bersf-2 ₁₅₄₆	0.8843	60.0000	2.4000	off	n/a	0.0500
bersd-1 ₁₈₉₄	0.8824	70.0000	2.4000	off	0.2000	n/a
bersf-0 ₁₇₀	0.8817	60.0000	2.4000	off	n/a	n/a
hfcber-1 ₁₈₅₆	0.8795	50.0000	2.4000	off	0.8000	n/a
hfccd-1 ₁₉₂₀	0.8775	80.0000	2.4000	off	0.6000	n/a
hfcsd-1 ₁₈₉₈	0.8757	70.0000	2.4000	off	0.6000	n/a
hfcber-2 ₁₁₈₆	0.8757	60.0000	1.9000	off	n/a	0.0500
cdber-1 ₁₈₉₄	0.8736	70.0000	2.4000	off	0.2000	n/a
bercd-0 ₁₆₅	0.8720	30.0000	2.4000	on	n/a	n/a
cdsf-2 ₁₅₈₂	0.8713	80.0000	2.4000	off	n/a	0.0500
bersd-0 ₁₆₇	0.8709	40.0000	2.4000	on	n/a	n/a
cdsd-1 ₁₉₁₉	0.8671	80.0000	2.4000	off	0.5000	n/a
cdber-0 ₁₆₂	0.8649	20.0000	2.4000	off	n/a	n/a
hfccd-0 ₁₇₄	0.8636	80.0000	2.4000	off	n/a	n/a
hfccd-2 ₁₅₈₈	0.8630	90.0000	2.4000	off	n/a	0.0200
hfcsd-2 ₃₂₂	0.8597	80.0000	0.6500	off	n/a	0.0500
hfcpd-1 ₁₉₁₃	0.8596	70.0000	2.4000	on	1.0000	n/a
cdpd-1 ₁₉₂₄	0.8596	80.0000	2.4000	off	1.0000	n/a
hfcsd-0 ₁₇₄	0.8580	80.0000	2.4000	off	n/a	n/a
bersd-2 ₃₆₂	0.8571	80.0000	1.4000	off	n/a	0.0500
cdsd-2 ₁₅₉₃	0.8571	90.0000	2.4000	on	n/a	0.0300
hfc ₁₇₂	0.8563	70.0000	2.4000	off	n/a	n/a
sdpd-1 ₁₉₂₃	0.8555	80.0000	2.4000	off	0.9000	n/a
sd ₁₇₄	0.8547	80.0000	2.4000	off	n/a	n/a
cdber-2 ₁₅₈₂	0.8521	80.0000	2.4000	off	n/a	0.0500
cd ₁₇₂	0.8487	70.0000	2.4000	off	n/a	n/a
hfcber-0 ₁₆₉	0.8355	50.0000	2.4000	on	n/a	n/a
ber ₁₆₉	0.8355	50.0000	2.4000	on	n/a	n/a
pdber-1 ₁₈₆₉	0.8325	50.0000	2.4000	on	1.0000	n/a
lpcpd-1 ₁₉₁₀	0.8198	70.0000	2.4000	on	0.7000	n/a
sdber-0 ₈₈	0.8182	50.0000	1.4000	off	n/a	n/a
lpc ₁₇₃	0.8023	70.0000	2.4000	on	n/a	n/a
sdpd-2 ₇₀₁	0.7729	90.0000	1.1500	on	n/a	0.0500
cdpd-2 ₃₄₁	0.7670	90.0000	0.6500	on	n/a	0.0500
hfcpd-2 ₁₄₂₁	0.7611	90.0000	2.1500	on	n/a	0.0500
lpcpd-2 ₅₃₁	0.7348	100.0000	0.9000	on	n/a	0.0300
rp ₁₃₇	0.6788	90.0000	1.9000	on	n/a	n/a
pd ₁₇₉	0.6742	100.0000	2.4000	on	n/a	n/a
hfcpd-0 ₁₇₉	0.6742	100.0000	2.4000	on	n/a	n/a
pdber-2 ₁₀₇₇	0.6146	100.0000	1.6500	on	n/a	0.0450

Table 9: Summary of results for dataset **npp**

statistic	F-measure	threshold	θ	wht	ω	δ (s)
mean	0.8358	72.3404	2.1287	0.3830	0.5533	0.0450
std	0.0641	18.0086	0.5230	0.4861	0.3243	0.0095
median	0.8580	80.0000	2.4000	0.0000	nan	nan
mode	0.8571	80.0000	2.4000	0.0000	0.2000	0.0500
counts	3.0000	13.0000	35.0000	29.0000	4.0000	11.0000

Table 10: Statistical summary of parameter configs for dataset **npp**