

Table 1: HV. Mean and standard deviation

Obj.	problem	HHCOR2	HHCORandom	HHCOR2LPNORM	HHCORandomLPNORM	HHCOR2MINMAX	HHCORandomMINMAX	HHLA
5	MaF01	0.0152431	0.0150445	0.0119606	0.0119307	0.0115610	0.0114835	0.0112784
	MaF02	0.226369	0.223719	0.200786	0.196404	0.193307	0.192629	0.171631
	MaF03	0.0505171	0.999752	0.00000	0.999084	0.0457020	0.998415	0.879746
	MaF04	0.134041	0.132723	0.110578	0.109768	0.0981375	0.0987489	0.0514023
	MaF05	0.834073	0.837088	0.769398	0.768388	0.757645	0.781249	0.776526
	MaF06	0.130335	0.130313	0.130057	0.130051	0.129645	0.129526	0.0905214
	MaF07	0.288211	0.285991	0.258331	0.257199	0.250908	0.249682	0.171184
	MaF08	0.131744	0.131890	0.125339	0.125283	0.123166	0.124334	0.118226
	MaF09	0.339244	0.339429	0.324149	0.322978	0.320760	0.320696	0.317668
	MaF10	0.733108	0.931246	0.730627	0.928150	0.725093	0.926231	0.887657
	MaF11	0.993578	0.998046	0.991202	0.996187	0.990895	0.995875	0.987076
	MaF12	0.814042	0.806434	0.750134	0.744647	0.725037	0.727077	0.734506
	MaF13	0.304204	0.311807	0.290572	0.296578	0.286855	0.290453	0.257904
	MaF14	0.652033	0.622613	0.369931	0.460709	0.567035	0.504699	0.595789
	MaF15	0.0306138	0.0579845	0.000620850	0.00864500	0.0154034	0.0106128	0.0341466
10	MaF01	1.15000e-06	6.50000e-07	5.50000e-07	3.50000e-07	3.00000e-07	1.00000e-07	1.00000e-07
	MaF02	0.258751	0.257097	0.207988	0.203334	0.206654	0.201327	0.176596
	MaF03	0.0204385	1.00000	0.00000	0.704216	0.0134056	0.999933	0.689450
	MaF04	0.000305650	0.000324650	0.000170100	0.000174900	9.37000e-05	8.47500e-05	6.39500e-05
	MaF05	0.975819	0.978403	0.739897	0.768788	0.459589	0.628760	0.728003
	MaF06	0.0169929	0.100291	0.0139913	0.0924819	0.0168473	0.0968894	0.0649002
	MaF07	0.203404	0.198206	0.0860057	0.0918216	0.0708574	0.0818173	0.0368289
	MaF08	0.0117328	0.0117475	0.0106468	0.0106248	0.0105098	0.0104893	0.00679275
	MaF09	0.0187508	0.0192446	0.000596050	0.000932200	0.00963890	0.00188320	0.00715070
	MaF10	0.654718	0.917876	0.653583	0.916149	0.651379	0.913579	0.985197
	MaF11	0.999198	0.999141	0.998797	0.998869	0.998412	0.998562	0.996806
	MaF12	0.910011	0.915733	0.777477	0.757644	0.780912	0.798026	0.734599
	MaF13	0.145614	0.146461	0.138726	0.139173	0.133994	0.129824	0.100835
	MaF14	0.644338	0.719658	0.218515	0.249826	0.512339	0.459668	0.375766
	MaF15	1.88000e-05	3.10000e-05	0.00000	0.00000	1.00000e-07	0.00000	1.05000e-06
15	MaF01	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
	MaF02	0.234390	0.235464	0.121520	0.125030	0.162239	0.167088	0.116974
	MaF03	0.649778	1.00000	0.574064	0.960446	0.645049	0.999516	0.543266
	MaF04	1.50000e-07	3.00000e-07	5.00000e-08	1.00000e-07	0.00000	5.00000e-08	0.00000
	MaF05	0.993230	0.993652	0.394718	0.485729	0.324316	0.442902	0.243520
	MaF06	0.0251061	0.0946116	0.0133709	0.0909012	0.0234726	0.0910240	0.0454226
	MaF07	0.171603	0.170342	0.0120216	0.0205146	0.0271696	0.0394612	6.76500e-05
	MaF08	0.000479450	0.000505800	0.000377200	0.000397650	0.000377650	0.000386400	0.000182050
	MaF09	0.00126115	0.00124275	0.000972600	0.00101465	0.000916500	0.000960150	0.000283550
	MaF10	0.999993	1.00000	0.999788	0.999926	0.999955	0.999998	0.948345
	MaF11	0.999741	0.999843	0.999411	0.999754	0.999368	0.999611	0.962361
	MaF12	0.919031	0.935833	0.689690	0.673470	0.772512	0.784315	0.606753
	MaF13	0.0899984	0.0900648	0.0828913	0.0829287	0.0768939	0.0719992	0.0481371
	MaF14	0.213169	0.295505	0.0967702	0.148754	0.125012	0.156777	0.00936815
	MaF15	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000