

Table 1: HV. Mean and standard deviation

Obj.	problem	HHCOR2	HHCORandom
5	MaF01	1.52E-2(2.26E-4)	1.5E-2(2.49E-4)
	MaF02	2.26E-1(6.71E-4)	2.24E-1(8.37E-4)
	MaF03	5.05E-2(2.17E-1)	1E0(4.71E-5)
	MaF04	1.34E-1(3.83E-3)	1.33E-1(2.63E-3)
	MaF05	8.34E-1(1.64E-3)	8.37E-1(1.15E-3)
	MaF06	1.3E-1(3.59E-4)	1.3E-1(3.55E-4)
	MaF07	2.88E-1(1.72E-3)	2.86E-1(1.85E-3)
	MaF08	1.32E-1(4.85E-4)	1.32E-1(5E-4)
	MaF09	3.39E-1(2.46E-3)	3.39E-1(8.8E-4)
	MaF10	7.33E-1(3.25E-2)	9.31E-1(1.92E-2)
	MaF11	9.94E-1(1.04E-3)	9.98E-1(3.8E-4)
	MaF12	8.14E-1(3.66E-3)	8.06E-1(1.86E-3)
	MaF13	3.04E-1(4.06E-3)	3.12E-1(1.71E-3)
	MaF14	6.52E-1(7.59E-2)	6.23E-1(9.55E-2)
	MaF15	3.06E-2(1.19E-2)	5.8E-2(6.52E-3)
10	MaF01	1.15E-6(1.09E-6)	6.5E-7(7.45E-7)
	MaF02	2.59E-1(1.87E-3)	2.57E-1(2.4E-3)
	MaF03	2.04E-2(6.62E-2)	1E0(3.08E-7)
	MaF04	3.06E-4(6.23E-5)	3.25E-4(6.59E-5)
	MaF05	9.76E-1(1.35E-3)	9.78E-1(8.87E-4)
	MaF06	1.7E-2(3.53E-2)	1E-1(5.14E-4)
	MaF07	2.03E-1(9.5E-3)	1.98E-1(8.05E-3)
	MaF08	1.17E-2(1.17E-4)	1.17E-2(9.88E-5)
	MaF09	1.88E-2(8.3E-4)	1.92E-2(7.53E-4)
	MaF10	6.55E-1(7.4E-2)	9.18E-1(5.28E-2)
	MaF11	9.99E-1(3.19E-4)	9.99E-1(2.03E-4)
	MaF12	9.1E-1(2.81E-2)	9.16E-1(1.69E-2)
	MaF13	1.46E-1(1.55E-3)	1.46E-1(1.94E-3)
	MaF14	6.44E-1(1.16E-1)	7.2E-1(8.46E-2)
	MaF15	1.88E-5(7.07E-6)	3.1E-5(8.24E-6)
15	MaF01	0E0(0E0)	0E0(0E0)
	MaF02	2.34E-1(2.2E-3)	2.35E-1(2.7E-3)
	MaF03	6.5E-1(4.89E-1)	1E0(3.08E-7)
	MaF04	1.5E-7(3.66E-7)	3E-7(5.71E-7)
	MaF05	9.93E-1(5.54E-4)	9.94E-1(2.72E-4)
	MaF06	2.51E-2(3.45E-2)	9.46E-2(3.77E-4)
	MaF07	1.72E-1(5.33E-3)	1.7E-1(7.35E-3)
	MaF08	4.79E-4(2.84E-4)	5.06E-4(2.6E-4)
	MaF09	1.26E-3(4.92E-5)	1.24E-3(4.26E-5)
	MaF10	1E0(1.61E-5)	1E0(0E0)
	MaF11	1E0(1.02E-4)	1E0(6.28E-5)
	MaF12	9.19E-1(3.16E-2)	9.36E-1(1.05E-2)
	MaF13	9E-2(1.89E-3)	9.01E-2(1.65E-3)
	MaF14	2.13E-1(1.68E-1)	2.96E-1(1.29E-1)
	MaF15	0E0(0E0)	0E0(0E0)