## Constrained Problems Study

February 10, 2020

## 1 Tables

Table 1: HV. Mean and standard deviation				
	NSGAII	NSGAIISR	NSGAHATM	
ConstrEx	$7.74e - 01_{2.6e-04}$	$6.44e - 01_{2.7e-02}$	$6.10e - 01_{5.0e-02}$	
Tanaka	$3.08e - 01_{2.0e-04}$	$0.00e + 00_{0.0e+00}$	$1.89e - 01_{2.2e-02}$	
Srinivas	$5.38e - 01_{3.0e-04}$	$0.00e + 00_{0.0e+00}$	$4.98e - 01_{1.4e-02}$	
Binh2	$7.24e - 01_{5.9e-04}$	$0.00e + 00_{0.0e+00}$	$7.04e - 01_{1.3e-02}$	
Osyczka2	$7.46e - 01_{2.5e-02}$	$0.00e + 00_{0.0e+00}$	$7.82e - 02_{6.5e-02}$	
Golinski	$9.69e - 01_{1.1e-04}$	$0.00e + 00_{0.0e+00}$	$7.88e - 01_{1.5e - 01}$	

Table 2: HV. Median and IQR

	NSGAII	NSGAIISR	NSGAHATM
ConstrEx	$7.75e - 01_{3.2e-04}$	$6.47e - 01_{3.9e-02}$	$6.07e - 01_{7.8e-02}$
Tanaka	$3.08e - 01_{2.5e-04}$	$0.00e + 00_{0.0e+00}$	$1.91e - 01_{2.3e-02}$
Srinivas	$5.38e - 01_{3.5e-04}$	$0.00e + 00_{0.0e+00}$	$5.00e - 01_{1.7e-02}$
Binh2	$7.24e - 01_{7.4e-04}$	$0.00e + 00_{0.0e+00}$	$7.08e - 01_{1.5e-02}$
Osyczka2	$7.46e - 01_{7.8e-03}$	$0.00e + 00_{0.0e+00}$	$6.55e - 02_{7.5e-02}$
Golinski	$9.69e - 01_{1.6e-04}$	$0.00e + 00_{0.0e+00}$	$8.56e - 01_{2.1e-01}$