

Test functions	Median number of objective function calls ($\text{speed-up}_{\text{self}}$, $\text{speed-up}_{\text{model}}$)			
	(1 + 1)-ES	(3/3, 10)-ES	(5/5, 20)-ES	(10/10, 40)-ES
linear sphere	502	756(4.4, 0.66)	696(6.9, 0.72)	761(11.0, 0.66)
quadratic sphere	214	309(5.5, 0.69)	245(9.9, 0.87)	231(18.1, 0.93)
cubic sphere	205	273(4.3, 0.75)	249(6.7, 0.82)	253(6.7, 0.81)
Schwefel' s function	1503	2278(2.7, 0.66)	$+\infty(/)$	$+\infty(/)$
quartic function	1265	1000(6.6, 1.3)	746(11.3, 1.7)	667(21.9, 1.9)

Note: the values shown for the (1+1)-ES are results for the (1+1)-ES with surrogate model assistance.