

problem : 01 unidimensional knapsack  
number of variables : 30

EpsilonConstraint()		
#obj : 2		
solver	$Y_N$	t (s)
GLPK	18	0.14
HiGHS	18	0.76
Gurobi	18	0.18
CPLEX	18	0.43

TambyVanderpooten()						
#obj : 2			#obj : 3		#obj : 4	
solver	$Y_N$	t (s)	$Y_N$	t (s)	$Y_N$	t (s)
GLPK	18	0.14	95	0.61	351	103.22
HiGHS	18	1.78	×	>10min	×	>10min
Gurobi	18	0.62	95	1.44	351	120.84
CPLEX	18	1.27	95	6.06	×	>10min

KirlikSayin()						
#obj : 2			#obj : 3		#obj : 4	
solver	$Y_N$	t (s)	$Y_N$	t (s)	$Y_N$	t (s)
GLPK	18	0.14	95	0.52	351	192.76
HiGHS	18	0.88	102	18.45	×	>10min
Gurobi	<b>error</b>	×	<b>error</b>	×	<b>error</b>	×
CPLEX	<b>error</b>	×	<b>error</b>	×	<b>error</b>	×

DominguezRios()						
#obj : 2			#obj : 3		#obj : 4	
solver	$Y_N$	t (s)	$Y_N$	t (s)	$Y_N$	t (s)
GLPK	18	0.14	95	0.44	351	4.81
HiGHS	18	1.8	95	27.42	×	>10min
Gurobi	18	0.24	95	1.55	351	18.6
CPLEX	18	0.67	95	4.55	351	42.72

Table 1: Computed used: macbook pro M2. **error** means ‘optimal solution not found’