

	No LDS		LDS			first subproblem		
instance	time	fails	time	fails	ratio	obj	time	fails
gr17	0.12	34	0.12	1	0.05	-	-	-
gr21	0.07	19	0.06	1	0.05	-	-	-
gr24	0.18	29	0.18	1	0.05	-	-	-
fri26	0.17	70	0.17	4	0.05	-	-	-
bayg29	0.33	102	0.28	28	0.05	-	-	-
bays29*	0.30	418	0.20	54	0.05	opt	0.19	36
dantzig42	1.43	524	1.21	366	0.075	-	-	-
hk48	12.61	15k	1.91	300	0.05	-	-	-
gr48*	21.05	25k	19.10	22k	0.075	opt	5.62	5.7k
brazil58*	limit	limit	81.19	156k	0.05	opt	80.3	155k

* Optimality not proven directly after solving first subproblem.