

# RESULTS OF MCER- $k$ FOR INSTANCES TA43-TA47

Instance				Optimal Solution		Performance metrics					
Name	$n$	$m$	$k$	Selected Ellipses	Income	CLS size $ S_k $	# E3P subproblems	Backtracking Tree		CPU Time (s)	
								# nodes	#sol leaves	CLS-MCER	Total
TA43			1	5	87.9	228		50	35	19.73	19.73
TA44			2	3,4	126.9	439		508	138	19.76	19.76
TA45	80	5	3	1,2,3	136.8	70	72,307	225,790	455	19.64	21.45
TA46			4	1,2,3,4	124.8	71		31,519,719	172	19.70	309.69
TA47			5	-	-	35		-	-	-	-