

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

Instance				Optimal Solution		Performance metrics				
Name	$n$	$m$	$k$	Selected Ellipses	Income	CLS size $ S_k $	Backtracking Tree		CPU Time (s)	
							# nodes	# sol. leaves	CLS-MCE	Total
TA43			1	5	87.9	97	43	28	0.22	0.22
TA44			2	3,4	126.9	89	314	95	0.21	0.22
TA45	80	5	3	1,2,3	136.8	39	33,898	229	0.21	0.43
TA46			4	1,2,3,4	124.8	42	1,689,010	146	0.21	11.71
TA47			5	1,2,3,4,5	110.3	28	12,794,063	1	0.22	101.23