

RESULTS OF MCE- k FOR INSTANCES CM1-CM9

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
CM1			1	1	2.0	19	124	59	0.00	0.00
CM2	25	3	2	1,2	3.8	21	159	57	0.00	0.00
CM3			3	1,2,3	3.0	19	58	18	0.00	0.00
CM4			1	3	4.2	43	56	50	0.01	0.01
CM5	50	3	2	1,3	8.2	47	237	100	0.01	0.01
CM6			3	1,2,3	10.0	50	329	50	0.01	0.01
CM7			1	3	12.2	101	180	174	0.07	0.07
CM8	100	3	2	2,3	20.0	135	689	348	0.06	0.06
CM9			3	1,2,3	27.0	174	1368	861	0.06	0.07