

file: langer.rTG.simplified  
leaf collision constraints active

intensity map source	angle	size of matrix	# of shapes (1st run)	# of segments (2nd run)	solve time run 1 (sec)	solve time run 2 (sec)	beam on time	branch&bound nodes	Gap (%)
testArea:									
head&neck level5	55	9x8	7	7	164.51	8697	140	78321	0
head&neck level5	165	9x7	inf				0		
head&neck level5	245	9x8	7	6	52	206	140	718	0
head&neck level5	290	9x7	9	8	54	197	180	380	71.25
head&neck level5	350	9x8	9	8	103	1770	180	3280	57.14
testArea3:									
head&neck level10	55	9x8	14	14	64	8092	140	800	81.92
head&neck level10	165	9x7	12	12	101	598	120	980	63.64
head&neck level10	245	9x8	inf				0		
head&neck level10	290	9x7	16	-	462	7200	160	-	-
head&neck level10	350	9x8	inf				0		
testArea9:									
head&neck2 level5	0		7	7	1690	599	140	7499	0
head&neck2 level5	35						0		
head&neck2 level5	110		8	7	1852	2736	160	4890	44.67
head&neck2 level5	160		10	8	4145	4085	200	3810	37.14
head&neck2 level5	250		10	9	1213	2582	200	3090	62.5
head&neck2 level5	320		9	8	2261	1173	180	280	57.14
testArea2:									
pancreas level 5	0	10x11	inf				0		
pancreas level 5	51	10x11	8	8	4060	1018	160	277	0
pancreas level 5	103	10x9	8	8	611	1201	160	610	57.14
pancreas level 5	154	10x11	9	9	328	6821	180	3310	43.75
pancreas level 5	206	10x11	inf				0		
pancreas level 5	257	10x11	8	no int sol	10701	59	160	0	-
pancreas level 5	308	10x10	6	6	6219	412	120	514	0
testArea4:									
pancreas level 10	0	10x11	-				0		
pancreas level 10	51	10x11	-				-		
pancreas level 10	103	10x9	-				0		
pancreas level 10	154	10x11	inf				0		
pancreas level 10	206	10x11	-				0		
pancreas level 10	257	10x11	-				0		
pancreas level 10	308	10x10	19	-	9374	-	190	-	68.25
prostate level 5									
prostate level 5	35	7x8					0		
prostate level 5	80	7x6					0		
prostate level 5	135	8x8					0		
prostate level 5	225	8x7					0		
prostate level 5	280	7x6					0		
prostate level 5	325	7x7					0		
prostate level 10									
prostate level 10	35	7x8					0		
prostate level 10	80	7x6					0		
prostate level 10	135	8x8					0		
prostate level 10	225	8x7					0		
prostate level 10	280	7x6					0		
prostate level 10	325	7x7					0		
prostate level2 5									
prostate level2 5	35	7x8					0		
prostate level2 5	80	7x6					0		
prostate level2 5	135	8x8					0		
prostate level2 5	225	8x7					0		
prostate level2 5	280	7x6					0		
prostate level2 5	325	7x7					0		
prostate level2 10									
prostate level2 10	35	7x8					0		
prostate level2 10	80	7x6					0		
prostate level2 10	135	8x8					0		
prostate level2 10	225	8x7					0		
prostate level2 10	280	7x6					0		
prostate level2 10	325	7x7					0		

gap == 0 => all reported information is related to the total solve time  
gap >0 => a gap of 0 was not reached within 2 hours;  
for each angle: first angle results: all reported information is related to the instant the minimum number of segments was found  
second angle results: information available when the run was killed  
# shapes: this column does include leaf collision constraints