

Results for R instances (RCTVRP)

Keld Helsgaun, November 19, 2017

Instance	BKS	LKH-3	Gap (%)
4_1_1.0	344	344	0.00
4_1_1.5	344	344	0.00
4_1_2.0	344	344	0.00
4_1_2.5	344	344	0.00
4_1_3.0	287	287	0.00
4_3_1.0	344	344	0.00
4_3_1.5	344	344	0.00
4_3_2.0	344	344	0.00
4_3_2.5	344	344	0.00
4_3_3.0	287	287	0.00
4_5_1.0	344	344	0.00
4_5_1.5	344	344	0.00
4_5_2.0	344	344	0.00
4_5_2.5	344	344	0.00
4_5_3.0	287	287	0.00
4_7_1.0	344	344	0.00
4_7_1.5	334	334	0.00
4_7_2.0	287	287	0.00
4_7_2.5	287	287	0.00
4_7_3.0	287	287	0.00
6_1_1.0	595	595	0.00
6_1_1.5	595	595	0.00
6_1_2.0	440	440	0.00
6_1_2.5	389	389	0.00
6_1_3.0	389	389	0.00
6_3_1.0	595	<i>infeasible</i>	
6_3_1.5	595	595	0.00
6_3_2.0	446	446	0.00
6_3_2.5	389	389	0.00
6_3_3.0	389	389	0.00
6_5_1.0	595	595	0.00
6_5_1.5	595	595	0.00
6_5_2.0	446	446	0.00
6_5_2.5	389	389	0.00
6_5_3.0	389	389	0.00
6_7_1.0	536	536	0.00
6_7_1.5	446	446	0.00
6_7_2.0	389	389	0.00
6_7_2.5	361	361	0.00
6_7_3.0	359	359	0.00
8_1_1.0	540	540	0.00

8_1_1.5	486	486	0.00
8_1_2.0	430	430	0.00
8_1_2.5	416	416	0.00
8_1_3.0	379	379	0.00
8_3_1.0	656	656	0.00
8_3_1.5	486	486	0.00
8_3_2.0	430	430	0.00
8_3_2.5	416	416	0.00
8_3_3.0	383	383	0.00
8_5_1.0	573	573	0.00
8_5_1.5	473	486	2.75
8_5_2.0	430	430	0.00
8_5_2.5	416	416	0.00
8_5_3.0	379	379	0.00
8_7_1.0	484	484	0.00
8_7_1.5	416	416	0.00
8_7_2.0	383	383	0.00
8_7_2.5	327	327	0.00
8_7_3.0	327	327	0.00
10_1_1.0	607	607	0.00
10_1_1.5	533	533	0.00
10_1_2.0	465	465	0.00
10_1_2.5	421	421	0.00
10_1_3.0	420	420	0.00
10_3_1.0	607	607	0.00
10_3_1.5	561	561	0.00
10_3_2.0	465	465	0.00
10_3_2.5	421	421	0.00
10_3_3.0	416	416	0.00
10_5_1.0	607	607	0.00
10_5_1.5	481	481	0.00
10_5_2.0	421	421	0.00
10_5_2.5	420	420	0.00
10_5_3.0	412	412	0.00
10_7_1.0	575	575	0.00
10_7_1.5	467	467	0.00
10_7_2.0	422	422	0.00
10_7_2.5	421	421	0.00
10_7_3.0	421	421	0.00
12_1_1.0	1388	1388	0.00
12_1_1.5	1124	1124	0.00
12_1_2.0	841	841	0.00
12_1_2.5	713	713	0.00
12_1_3.0	595	595	0.00
12_3_1.0	1388	1388	0.00
12_3_1.5	1130	1130	0.00
12_3_2.0	840	840	0.00

12_3_2.5	714	714	0.00
12_3_3.0	602	602	0.00
12_5_1.0	1345	1345	0.00
12_5_1.5	1105	1105	0.00
12_5_2.0	724	724	0.00
12_5_2.5	705	705	0.00
12_5_3.0	614	614	0.00
12_7_1.0	1176	1176	0.00
12_7_1.5	912	912	0.00
12_7_2.0	731	731	0.00
12_7_2.5	657	657	0.00
12_7_3.0	565	565	0.00
14_1_1.0	1026	1026	0.00
14_1_1.5	836	836	0.00
14_1_2.0	756	756	0.00
14_1_2.5	548	548	0.00
14_1_3.0	542	542	0.00
14_3_1.0	1026	1026	0.00
14_3_1.5	836	836	0.00
14_3_2.0	756	756	0.00
14_3_2.5	548	548	0.00
14_3_3.0	542	542	0.00
14_5_1.0	951	951	0.00
14_5_1.5	758	758	0.00
14_5_2.0	548	548	0.00
14_5_2.5	540	540	0.00
14_5_3.0	481	481	0.00
14_7_1.0	809	809	0.00
14_7_1.5	612	612	0.00
14_7_2.0	509	509	0.00
14_7_2.5	486	486	0.00
14_7_3.0	426	426	0.00
16_1_1.0	1071	1071	0.00
16_1_1.5	788	788	0.00
16_1_2.0	650	650	0.00
16_1_2.5	565	565	0.00
16_1_3.0	551	551	0.00
16_3_1.0	1058	1058	0.00
16_3_1.5	785	785	0.00
16_3_2.0	650	650	0.00
16_3_2.5	565	565	0.00
16_3_3.0	554	551	-0.54
16_5_1.0	1012	1012	0.00
16_5_1.5	853	853	0.00
16_5_2.0	660	660	0.00
16_5_2.5	593	593	0.00
16_5_3.0	559	559	0.00

16_7_1.0	883	883	0.00
16_7_1.5	665	665	0.00
16_7_2.0	363	583	60.61
16_7_2.5	520	520	0.00
16_7_3.0	477	477	0.00
18_1_1.0	1450	1450	0.00
18_1_1.5	1064	1064	0.00
18_1_2.0	815	815	0.00
18_1_2.5	733	733	0.00
18_1_3.0	618	618	0.00
18_3_1.0	1450	1450	0.00
18_3_1.5	1151	1151	0.00
18_3_2.0	818	818	0.00
18_3_2.5	733	733	0.00
18_3_3.0	679	679	0.00
18_5_1.0	1495	1495	0.00
18_5_1.5	1151	1151	0.00
18_5_2.0	831	831	0.00
18_5_2.5	751	751	0.00
18_5_3.0	618	618	0.00
18_7_1.0	1198	1198	0.00
18_7_1.5	923	923	0.00
18_7_2.0	782	782	0.00
18_7_2.5	703	703	0.00
18_7_3.0	591	591	0.00
20_1_1.0	1302	1302	0.00
20_1_1.5	1082	1082	0.00
20_1_2.0	802	802	0.00
20_1_2.5	739	739	0.00
20_1_3.0	691	691	0.00
20_3_1.0	1301	1301	0.00
20_3_1.5	1082	1082	0.00
20_3_2.0	784	784	0.00
20_3_2.5	741	741	0.00
20_3_3.0	616	616	0.00
20_5_1.0	1252	1252	0.00
20_5_1.5	1082	1082	0.00
20_5_2.0	844	844	0.00
20_5_2.5	707	707	0.00
20_5_3.0	652	652	0.00
20_7_1.0	1082	1082	0.00
20_7_1.5	869	869	0.00
20_7_2.0	738	738	0.00
20_7_2.5	676	676	0.00
20_7_3.0	581	581	0.00