

## Results for S<sub>XY</sub> instances (VRPMPDTW)

Keld Helsgaun, November 19, 2017

Instance	BKS	LKH-3	LKH-3 d	Gap (%)
CMT1X	466.77	466.773	466.77	0.00
CMT2X	684.21	684.211	684.21	0.00
CMT3X	721.27	721.398	721.40	0.02
CMT4X	852.46	852.456	852.46	0.00
CMT5X	1029.25	1028.534	<b>1028.54</b>	<b>-0.07</b>
CMT6X	555.43	555.429	555.43	0.00
CMT7X	990.12	901.221	<b>901.22</b>	<b>-8.98</b>
CMT8X	865.50	865.496	865.50	0.00
CMT9X	1160.68	1160.674	1160.68	0.00
CMT10X	1373.40	1373.401	1376.39	0.00
CMT11X	833.92	833.910	833.92	0.00
CMT12X	662.22	662.221	662.22	0.00
CMT13X	1542.86	1541.137	<b>1541.14</b>	<b>-0.11</b>
CMT14X	821.75	821.747	821.75	0.00
CMT1Y	466.77	466.773	466.77	0.00
CMT2Y	684.21	684.211	684.21	0.00
CMT3Y	721.27	721.266	721.27	0.00
CMT4Y	852.46	852.456	852.46	0.00
CMT5Y	1029.25	1028.548	<b>1028.55</b>	<b>-0.07</b>
CMT6Y	555.43	555.429	555.43	0.00
CMT7Y	900.12	901.221	901.22	0.12
CMT8Y	865.50	865.496	865.50	0.00
CMT9Y	1160.68	1160.674	1160.68	0.00
CMT10Y	1373.40	1377.127	1377.13	0.27
CMT11Y	833.92	833.910	833.92	0.00
CMT12Y	662.22	662.221	662.22	0.00
CMT13Y	1542.86	1541.137	<b>1541.14</b>	<b>-0.11</b>
CMT14Y	821.75	821.747	821.75	0.00