

## Results for asymmetric TSPLIB instances (MLP)

Keld Helsgaun, February 18, 2023

Instance	BKS	LKH-3	Gap (%)
ftv33	19387	19387	0.00
ftv35	22811	22811	0.00
ftv38	25498	<b>25421</b>	<b>-0.30</b>
p43	11452	11452	0.00
ftv44	32039	32039	0.00
ftv47	35984	35984	0.00
ry48p	299144	299144	0.00
ft53	152818	152818	0.00
ftv55	37673	<b>37500</b>	<b>-0.46</b>
ftv64	50001	<b>49860</b>	<b>-0.28</b>
ft70	1277970	<b>1268609</b>	<b>-0.74</b>
ftv70	60741	<b>59183</b>	<b>-2.63</b>
ftv170	220749	<b>209213</b>	<b>-5.51</b>
rgb323		92105	
rbg358		67975	
rbg403		159175	
rbg443		204780	