

```

In[180]:= (*cliqueLRW = Import["/home/zalewski26/Desktop/algostyTesty /cliqueLRW .txt", "Table"]
cliqueDFS = Import["/home/zalewski26/Desktop/algostyTesty /cliqueDFS .txt", "Table"]
cliqueRR = Import["/home/zalewski26/Desktop/algostyTesty /cliqueRR .txt", "Table"]

pathMidLRW =
Import["/home/zalewski26/Desktop/algostyTesty /pathMidLRW .txt", "Table"]
pathMidDFS = Import["/home/zalewski26/Desktop/algostyTesty /pathMidDFS .txt",
"Table"]
pathMidRR = Import["/home/zalewski26/Desktop/algostyTesty /pathMidRR .txt",
"Table"]

pathEndLRW =
Import["/home/zalewski26/Desktop/algostyTesty /pathEndLRW .txt", "Table"]
pathEndDFS = Import["/home/zalewski26/Desktop/algostyTesty /pathEndDFS .txt",
"Table"]
pathEndRR = Import["/home/zalewski26/Desktop/algostyTesty /pathEndRR .txt",
"Table"]

treeLRW =
Import["/home/zalewski26/Desktop/algostyTesty /treeLRW .txt", "Table"]
treeDFS = Import["/home/zalewski26/Desktop/algostyTesty /treeDFS .txt",
"Table"]
treeRR = Import["/home/zalewski26/Desktop/algostyTesty /treeRR .txt",
"Table"]

lollipopLRW =
Import["/home/zalewski26/Desktop/algostyTesty /lollipopLRW .txt", "Table"]
lollipopDFS = Import[
"/home/zalewski26/Desktop/algostyTesty /lollipopDFS .txt", "Table"]
lollipopRR = Import[
"/home/zalewski26/Desktop/algostyTesty /lollipopRR .txt", "Table"]

cliqueLRW=GroupBy[cliqueLRW[[All,{1,2}]],First→Last,Mean]
cliqueDFS=GroupBy[cliqueDFS[[All,{1,2}]],First→Last,Mean]
cliqueRR=GroupBy[cliqueRR[[All,{1,2}]],First→Last,Mean]

pathMidLRW=GroupBy[pathMidLRW[[All,{1,2}]],First→Last,Mean]
pathMidDFS=GroupBy[pathMidDFS[[All,{1,2}]],First→Last,Mean]
pathMidRR=GroupBy[pathMidRR[[All,{1,2}]],First→Last,Mean]

pathEndLRW=GroupBy[pathEndLRW[[All,{1,2}]],First→Last,Mean]
pathEndDFS=GroupBy[pathEndDFS[[All,{1,2}]],First→Last,Mean]

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pathEndRR=GroupBy[pathEndRR[[All,{1,2}]],First→Last,Mean]
```

```
treeLRW=GroupBy[treeLRW[[All,{1,2}]],First→Last,Mean]
treeDFS=GroupBy[treeDFS[[All,{1,2}]],First→Last,Mean]
treeRR=GroupBy[treeRR[[All,{1,2}]],First→Last,Mean]
```

```
lollipopLRW=
GroupBy[lollipopLRW[[All,{1,2}]],First→Last,Mean]
lollipopDFS=GroupBy[lollipopDFS[[All,
{1,2}]],First→Last,Mean]
lollipopRR=GroupBy[lollipopRR[[All,
{1,2}]],First→Last,Mean]*]
```

```
ListLinePlot[{cliqueLRW, cliqueDFS, cliqueRR},
  AxesLabel → "Clique", PlotLegends → {"LRW", "DFS", "RR"}]
ListLinePlot[{cliqueLRW, cliqueRR}, AxesLabel → "Clique", PlotLegends → {"LRW", "RR"}]
```

```
ListLinePlot[{pathMidLRW, pathMidDFS, pathMidRR},
  AxesLabel → "Path Mid", PlotLegends → {"LRW", "DFS", "RR"}]
ListLinePlot[{pathMidDFS, pathMidRR},
  AxesLabel → "Path Mid", PlotLegends → {"DFS", "RR"}]
```

```
ListLinePlot[{pathEndLRW, pathEndDFS, pathEndRR},
  AxesLabel → "Path End", PlotLegends → {"LRW", "DFS", "RR"}]
ListLinePlot[{pathEndDFS, pathEndRR},
  AxesLabel → "Path End", PlotLegends → {"DFS", "RR"}]
```

```
ListLinePlot[{treeLRW, treeDFS, treeRR},
  AxesLabel → "Tree", PlotLegends → {"LRW", "DFS", "RR"}]
ListLinePlot[{treeDFS, treeRR}, AxesLabel → "Tree", PlotLegends → {"DFS", "RR"}]
```

```
ListLinePlot[{lollipopLRW, lollipopDFS, lollipopRR},
  AxesLabel → "Lollipop", PlotLegends → {"LRW", "DFS", "RR"}]
ListLinePlot[{lollipopLRW, lollipopRR},
  AxesLabel → "Lollipop", PlotLegends → {"LRW", "RR"}]
```







