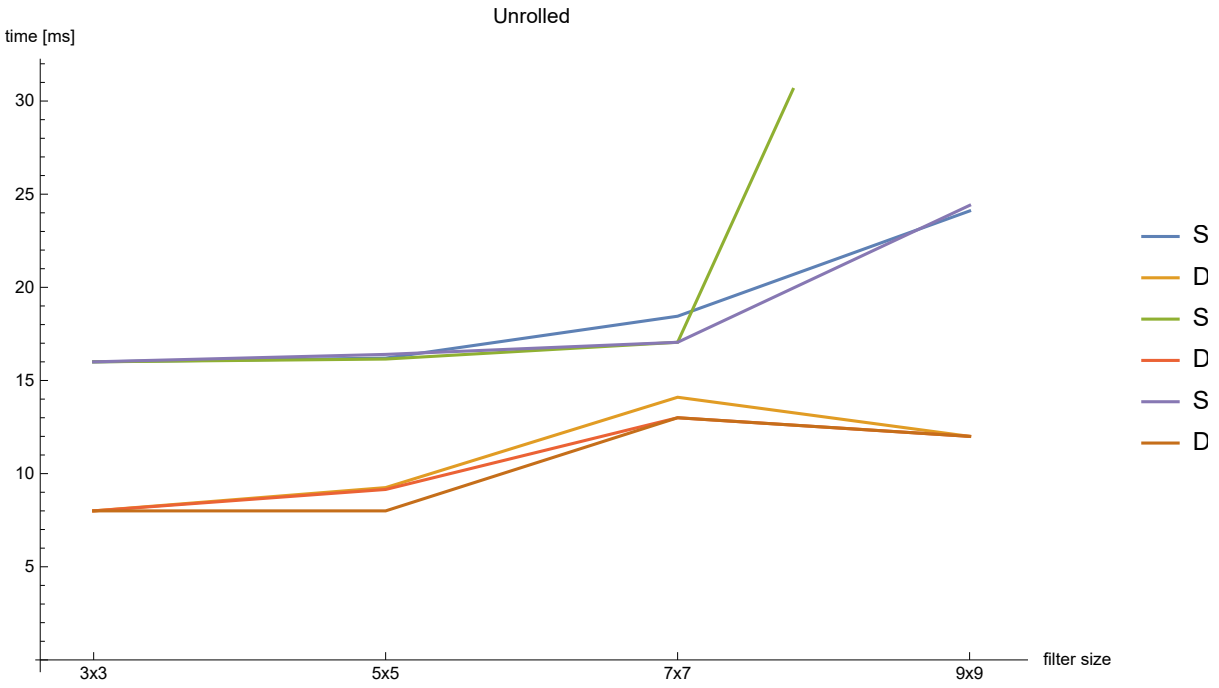
```
methodSingleLocal =
  {{16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16},
   {17, 16, 16, 16, 16, 16, 16, 16, 17, 16, 17, 16, 16, 16, 16, 16, 16, 16, 16, 17},
   {17, 17, 17, 17, 17, 17, 44, 17, 17, 17, 18, 17, 17, 17, 17, 17, 17, 17, 17, 18},
   {24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 26, 24, 24, 24, 24, 24}};
methodDoubleLocal = {{8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8},
   {8, 8, 8, 8, 8, 29, 9, 8, 8, 8, 8, 8, 8, 9, 8, 8, 9, 8, 9, 8},
   {14, 14, 14, 14, 14, 15, 14, 15, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14},
   {12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12}};
methodSingleLocal1DIndex = {{16, 16, 16, 16, 16, 16, 16, 16,
    16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16},
   {18, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 17, 16, 16, 16, 16, 16, 16, 16},
   {17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 18, 17, 17, 17, 17, 17, 17, 17},
   {51, 51, 51, 51, 59, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51}};
methodDoubleLocal1DIndex = {{8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8},
   {8, 8, 31, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8},
   {13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13},
   {12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12}};
methodSingleLocalCombined = {{16, 16, 16, 16, 16, 16, 16, 16,
    16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16},
   {18, 16, 16, 16, 16, 16, 16, 16, 16, 20, 17, 16, 17, 16, 16, 16, 16, 16, 16, 16},
   {17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17, 18, 17, 17, 17, 17, 17, 17, 17},
   {24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24, 26, 24, 24, 30, 24, 24}};
methodDoubleLocalCombined = {{8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8},
   {8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8},
   {13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13},
   {12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12}};

ListLinePlot[{Mean[methodSingleLocal^T], Mean[methodDoubleLocal^T],
  Mean[methodSingleLocal1DIndex^T], Mean[methodDoubleLocal1DIndex^T],
  Mean[methodSingleLocalCombined^T], Mean[methodDoubleLocalCombined^T]},
 PlotLegends → {"Single", "Double", "Single (1D index)",
   "Double (1D index)", "Single (combined)", "Double (combined)"},
 Ticks → {{{1, "3x3"}, {2, "5x5"}, {3, "7x7"}, {4, "9x9"}}, Automatic},
 PlotRange → {{0.8, 4.2}, Automatic},
 AxesLabel → {"filter size", "time [ms]"},
 PlotLabel → "Unrolled",
 ImageSize → Large
]
```




```
Mean[methodSingleLocalT] // N
```

{16., 16.2, 18.45, 24.1}

```
Mean[methodSingleLocal1DIndexT] // N
```

{16., 16.15, 17.05, 51.4}