Appendix C

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```
branching <- data.frame( "datapath" = c("never", "always", "dynamic"), "cyclesmod" = c(50,54,54), "cy
```

```
performance <- data.frame("datapath" = c("partial", "fully", "never", "always", "dynamic"),"speed" =
```

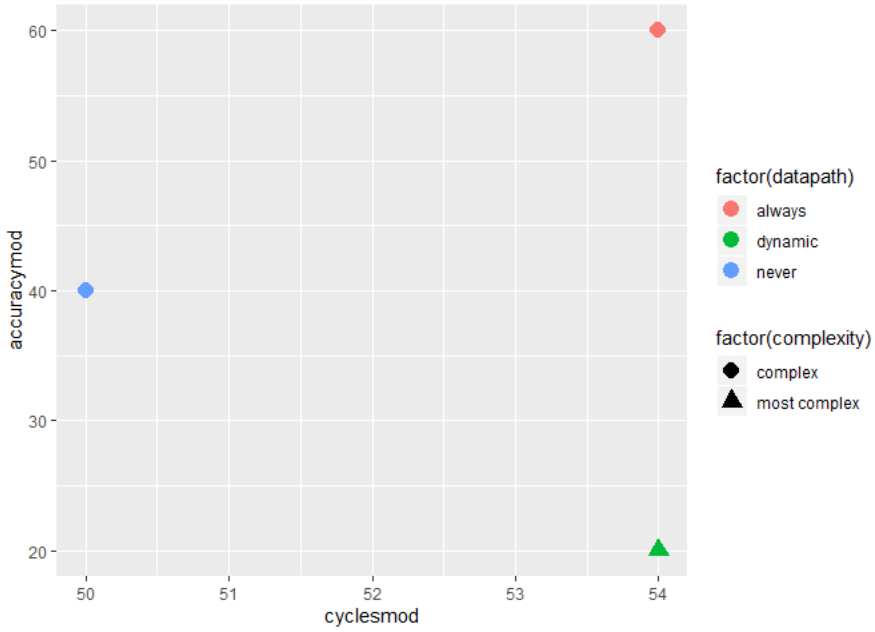
```
knitr::kable(branching)
```

datapath	cyclesmod	cyclesmany	cyclesfew	accuracymod	accuracymany	accuracyfew	comp
never	50	123	57	40	29	93	comp
always	54	57	126	60	71	7	comp
dynamic	54	61	58	20	71	93	most comp

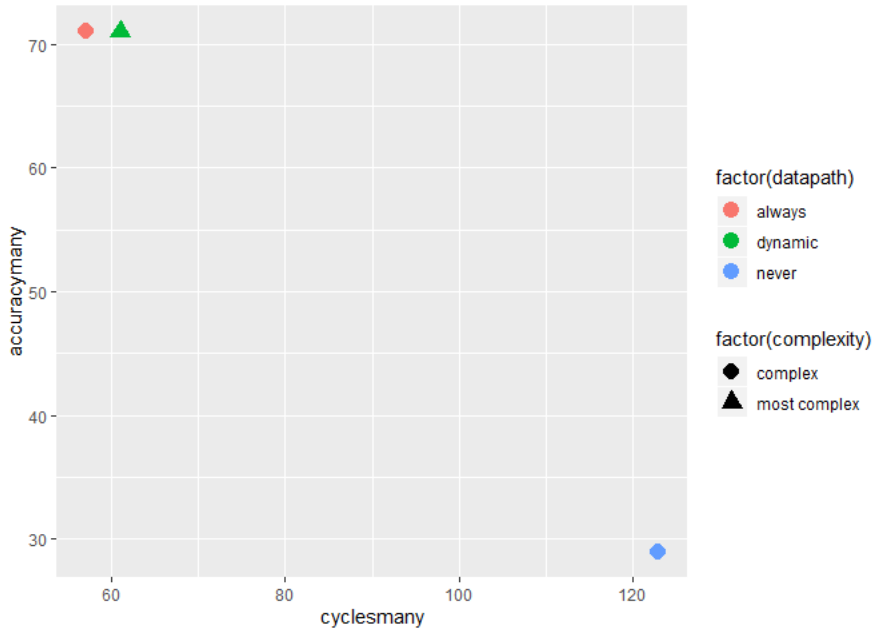
```
knitr::kable(performance)
```

datapath	speed	throughput	complexity
partial	4.0	116	simple
fully	7.5	64	moderate
never	7.5	50	complex
always	7.5	54	complex
dynamic	7.5	54	most complex

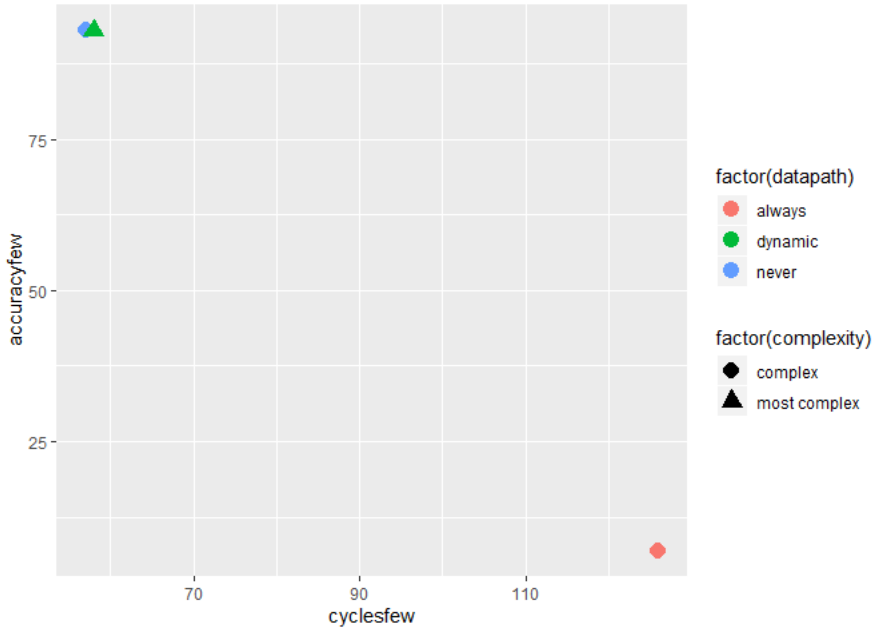
```
library(ggplot2)
ggplot(branching, aes(x = cyclesmod, y = accuracymod)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



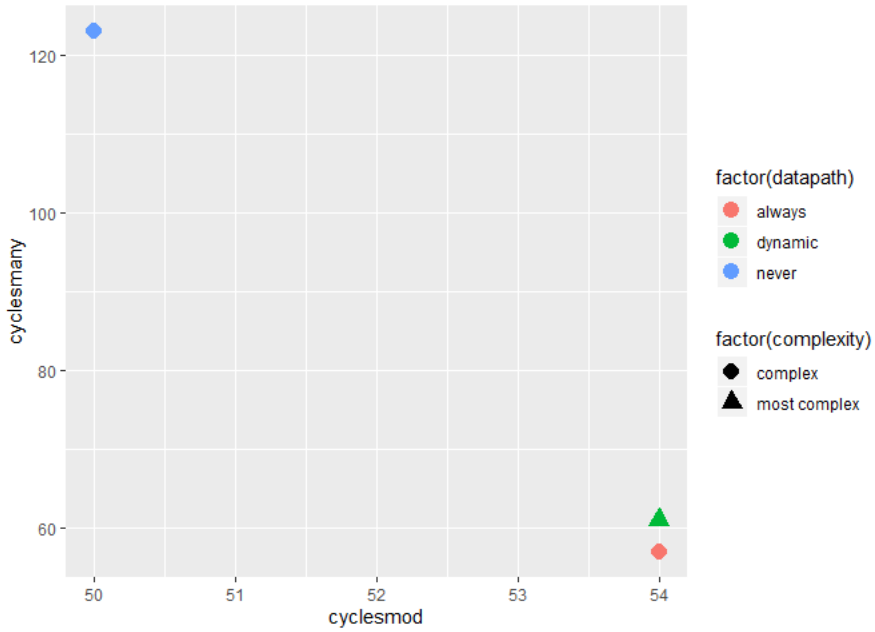

```
ggplot(branching, aes(x = cyclesmany, y = accuracymany)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



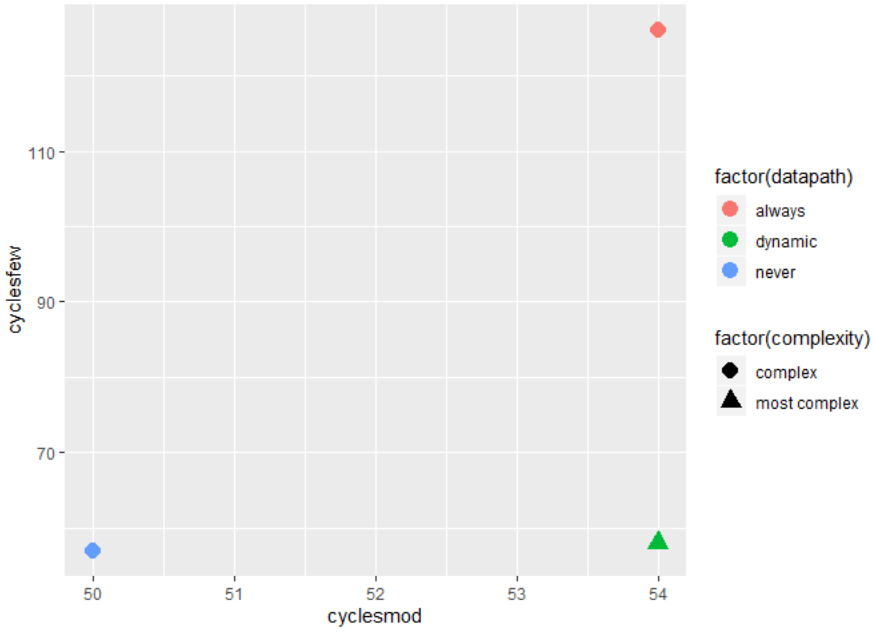

```
ggplot(branching, aes(x = cyclesfew, y = accuracyfew)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



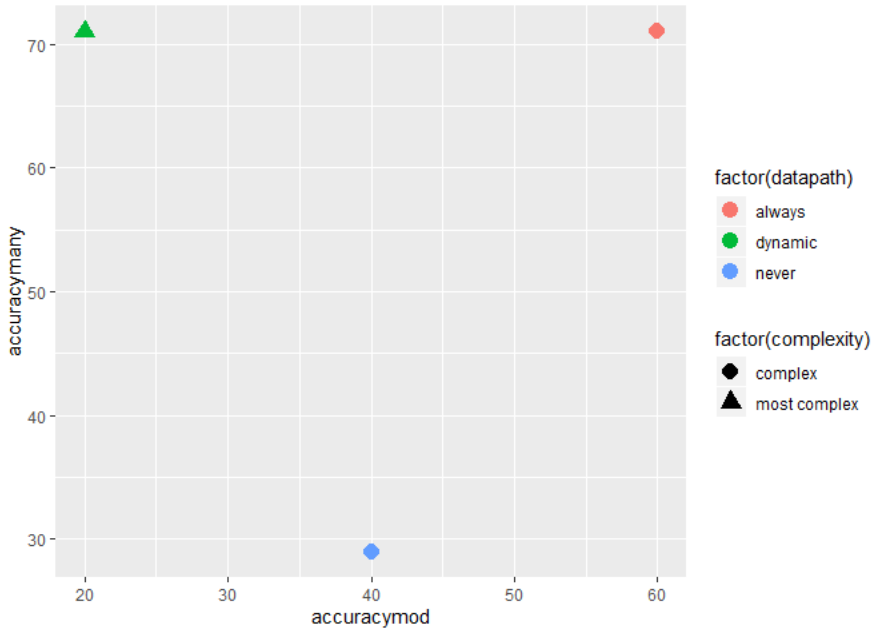

```
ggplot(branching, aes(x = cyclesmod, y = cyclesmany)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



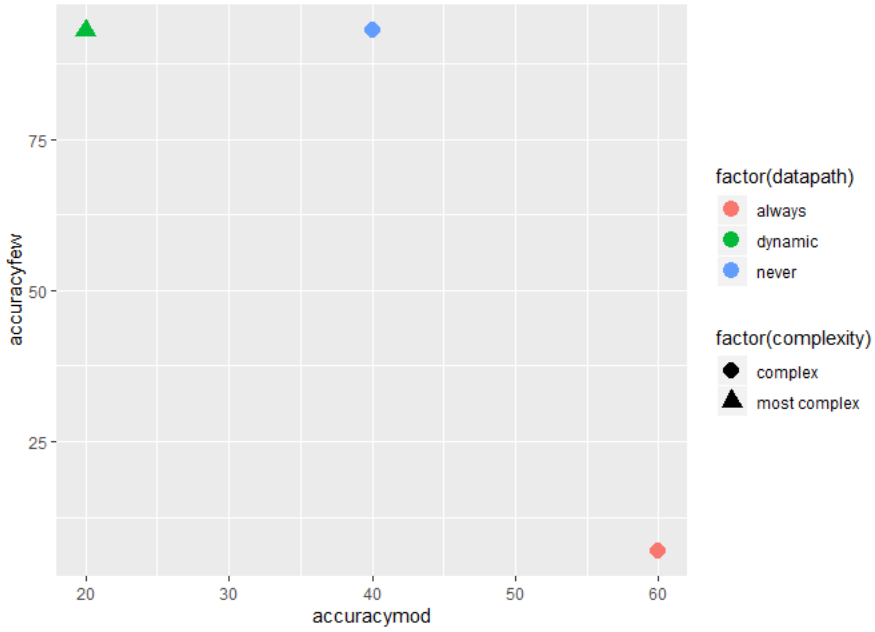

```
ggplot(branching, aes(x = cyclesmod, y = cyclesfew)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



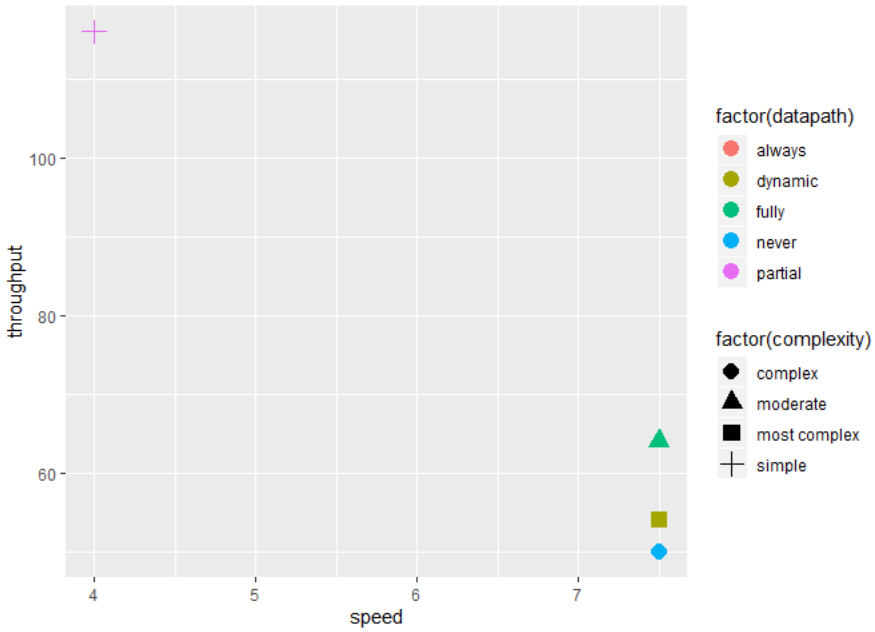

```
ggplot(branching, aes(x = accuracymod, y = accuracymany)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```



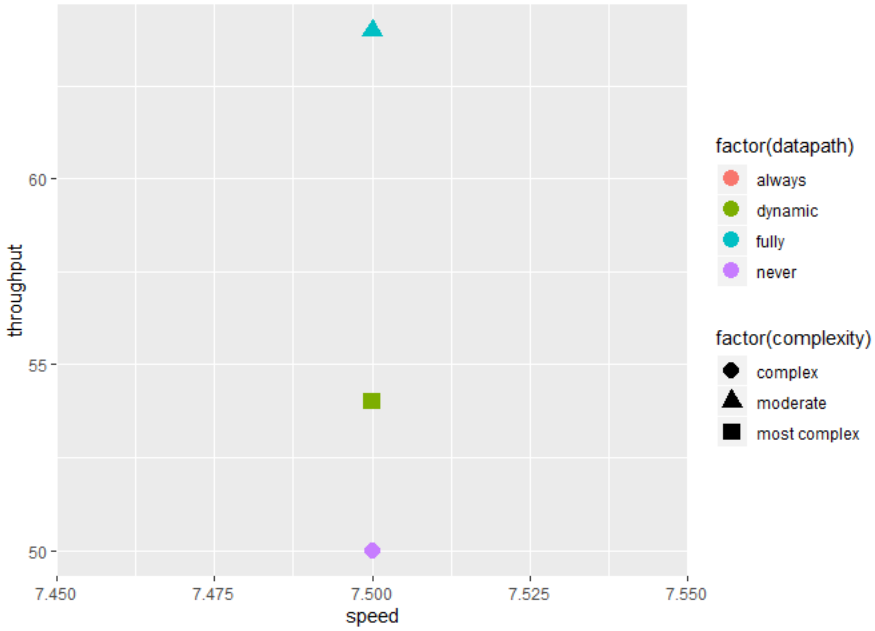

```
ggplot(branching, aes(x = accuracymod, y = accuracyfew)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```




```
ggplot(performance, aes(x = speed, y = throughput)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```




```
performance.high <- performance[performance$datapath != "partial",]
ggplot(performance.high, aes(x = speed, y = throughput)) +
    geom_point(aes(color = factor(datapath), shape = factor(complexity)), size = 4)
```


throughput
60
55
50
7.450
7.475
7.500
7.525
7.550
speed
factor(datapath)
always
dynamic
fully
never
factor(complexity)
complex
moderate
most complex