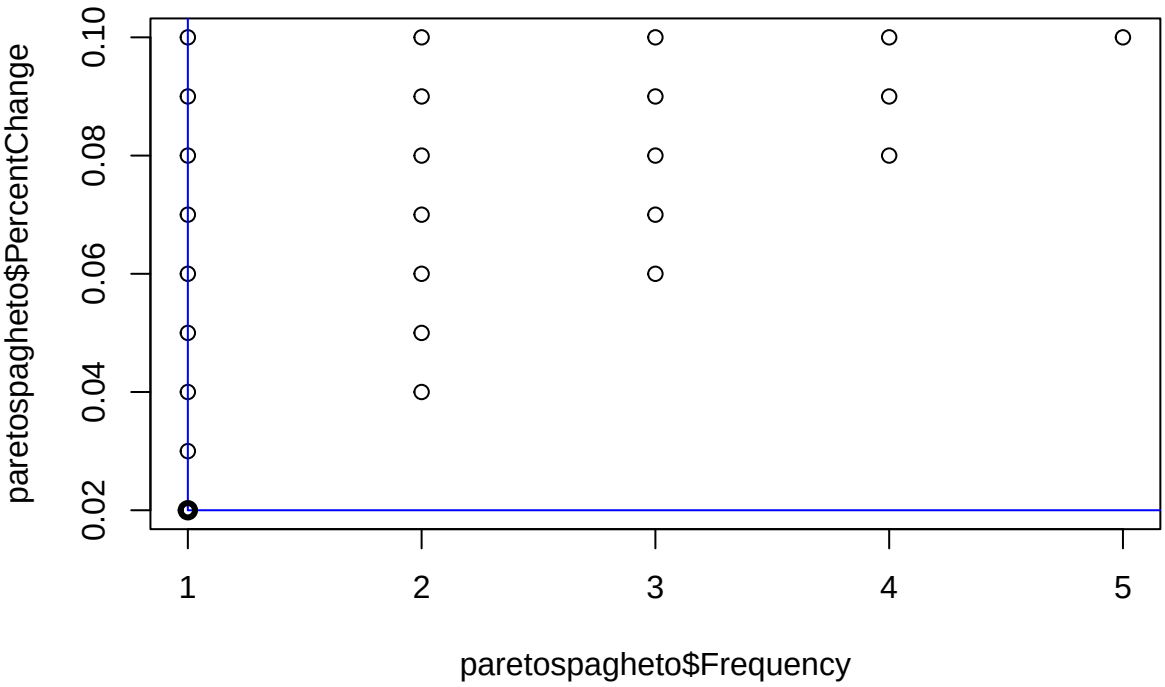
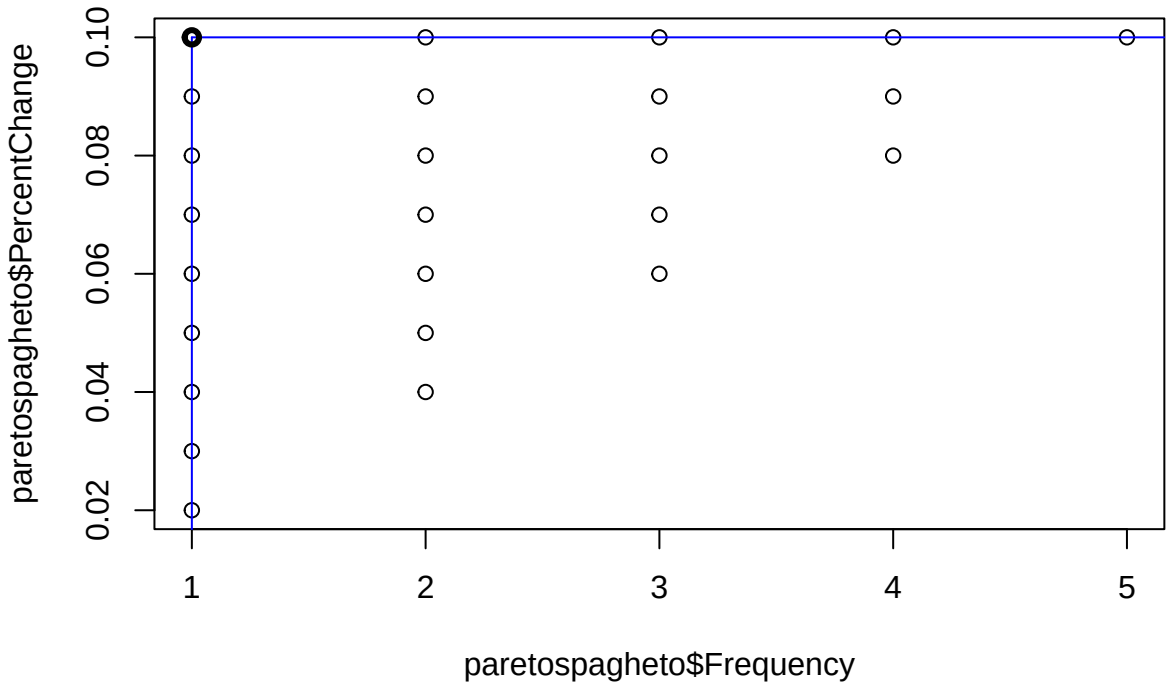
WoodsAnalysis

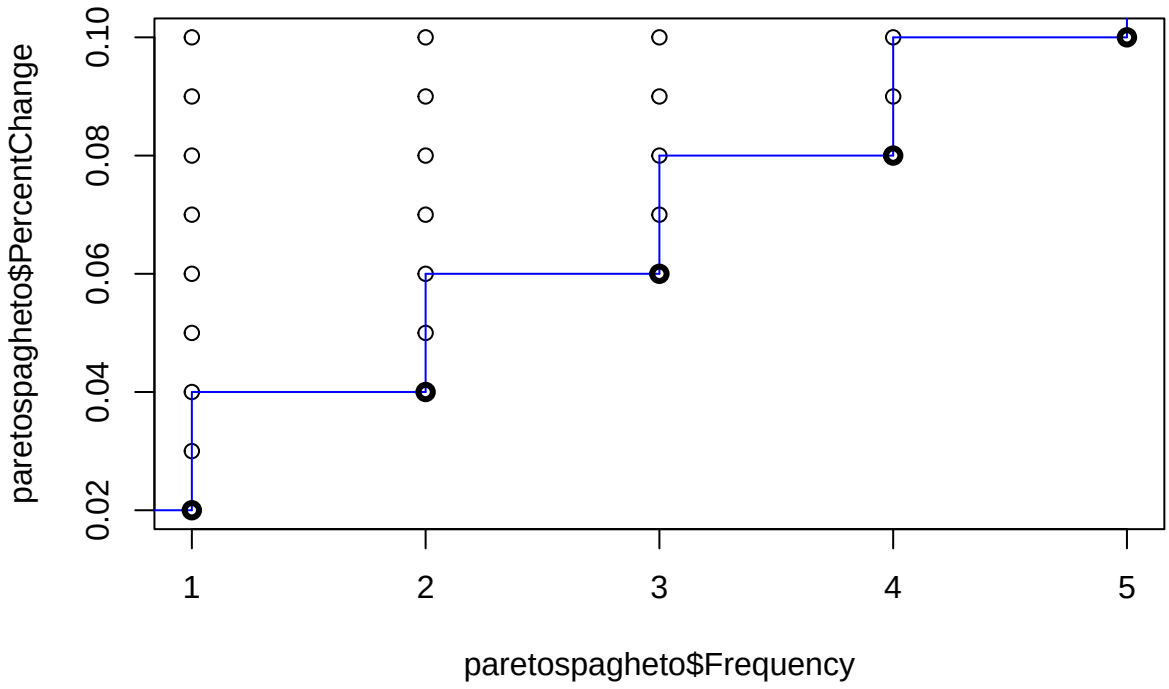
Sophie Wulfing

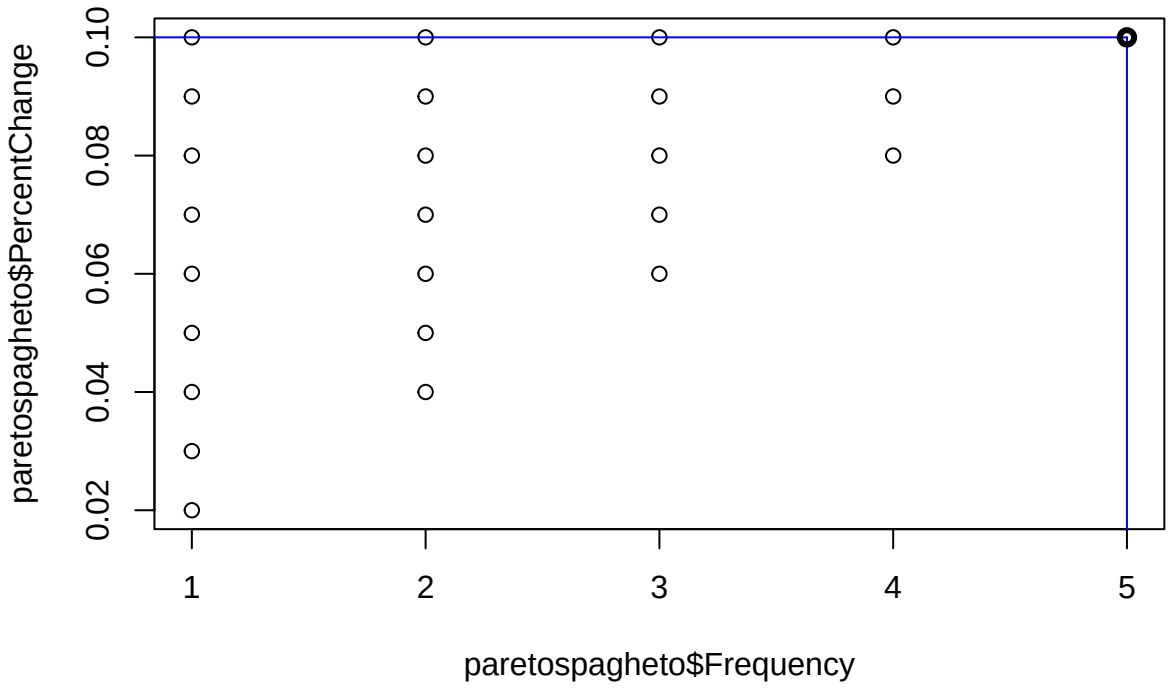
2022-05-23

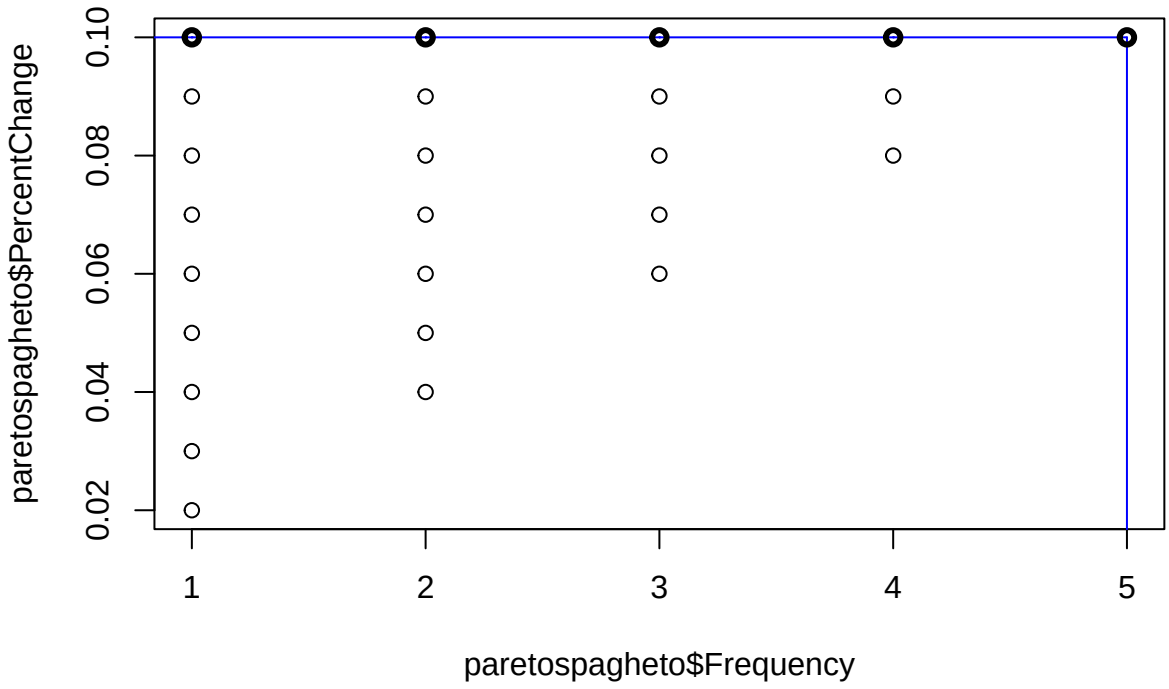
```
##              [,1]
##  [1,]  76.5230312
##  [2,]  27.8603269
##  [3,]   2.2288262
##  [4,]   1.8573551
##  [5,]  57.5780089
##  [6,]  37.8900446
##  [7,]   1.8573551
##  [8,]   0.0000000
##  [9,]  40.4903417
## [10,]  50.8915305
## [11,]   3.3432392
## [12,]   0.0000000
## [13,]  71.6939079
## [14,]  16.7161961
## [15,]   8.1723626
## [16,]   1.1144131
## [17,] 121.0995542
## [18,]  28.9747400
## [19,]   5.5720654
## [20,]   2.2288262
## [21,] 119.9851412
## [22,]  52.0059435
## [23,]   6.6864785
## [24,]   0.7429421
## [25,]  78.7518574
## [26,]  41.6047548
## [27,]  14.4873700
## [28,]   1.1144131
## [29,] 118.8707281
## [30,]  53.4918276
## [31,]  14.4873700
## [32,]   1.1144131
## [33,] 119.9851412
## [34,]  39.0044576
## [35,]  10.7726597
## [36,]   1.1144131
## [37,]  73.5512630
## [38,]  26.3744428
## [39,]   4.4576523
## [40,]   2.2288262
```

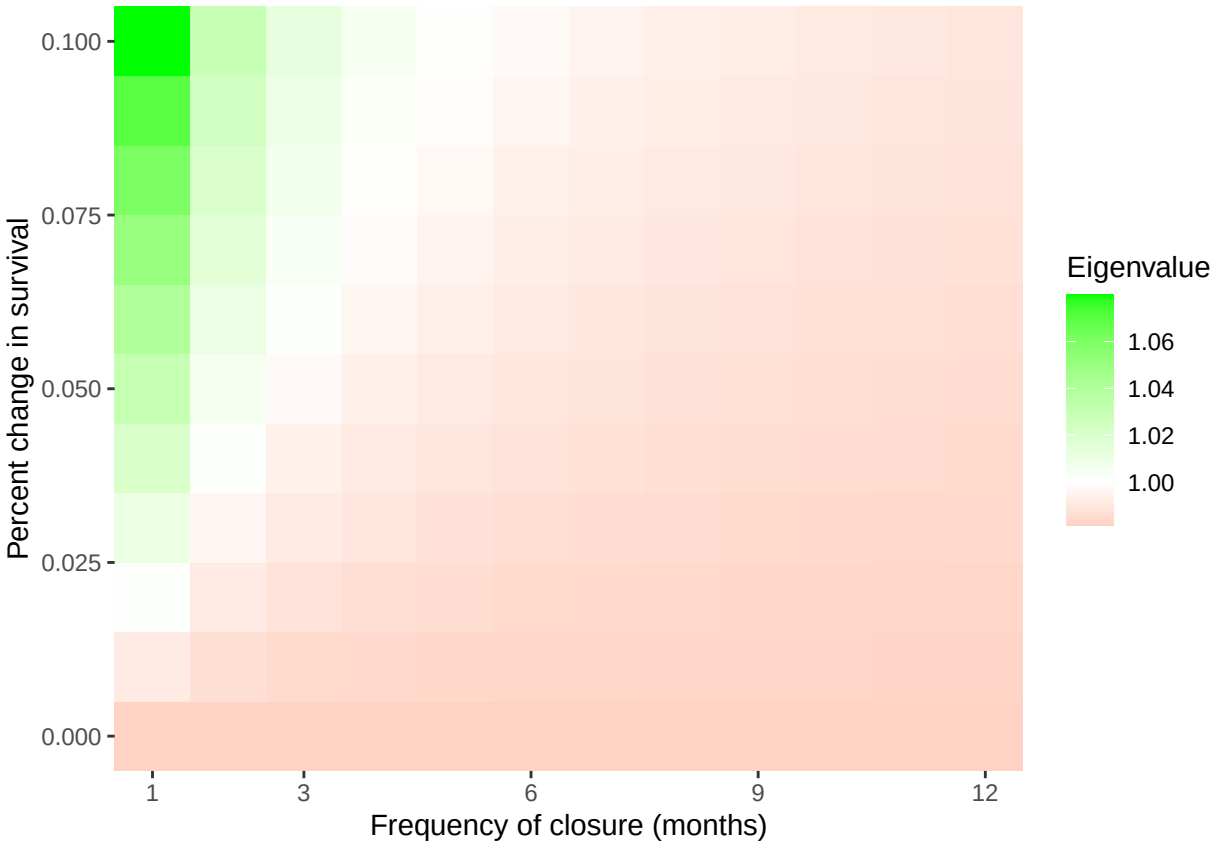

paretospagheto$PercentChange
0.02
0.04
0.06
0.08
0.10
1
2
3
4
5
paretospagheto$Frequency

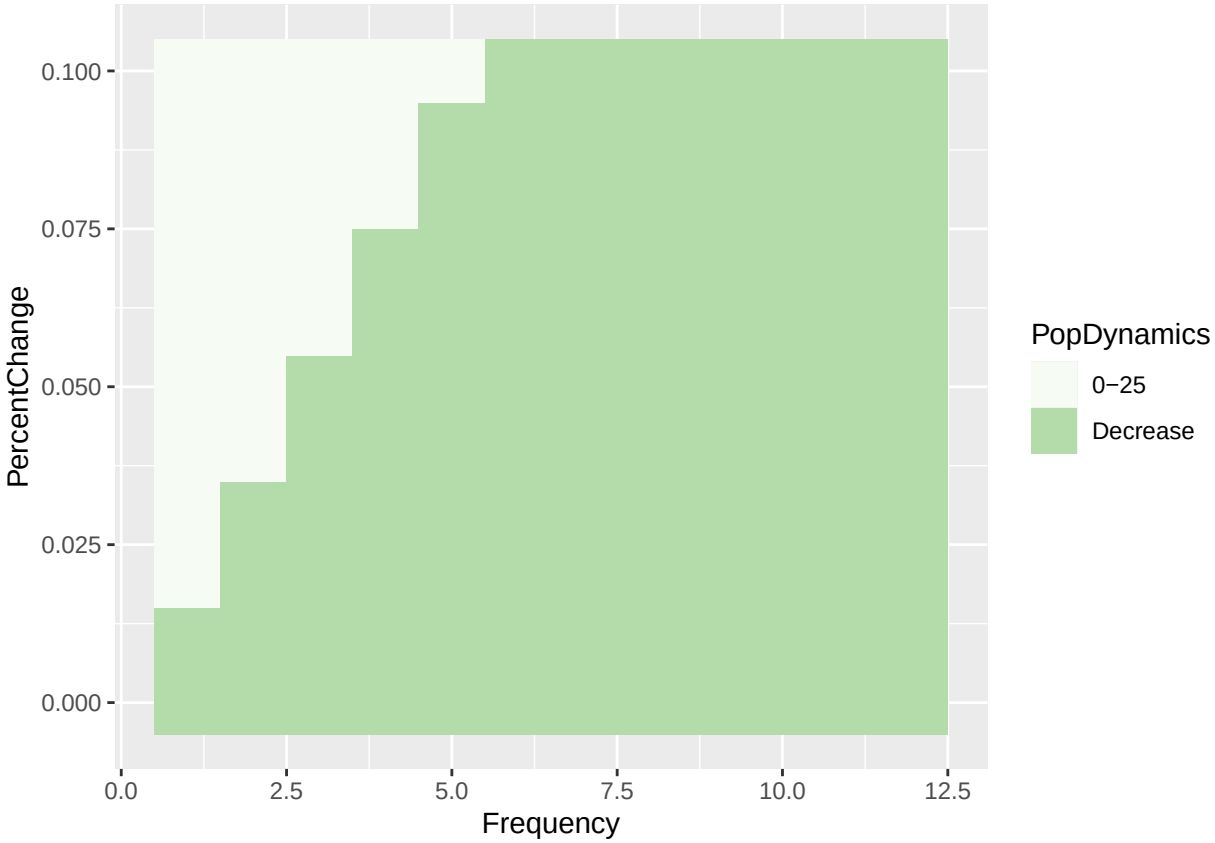

paretospagheto$PercentChange
0.02
0.04
0.06
0.08
0.10
1
2
3
4
5
paretospagheto$Frequency

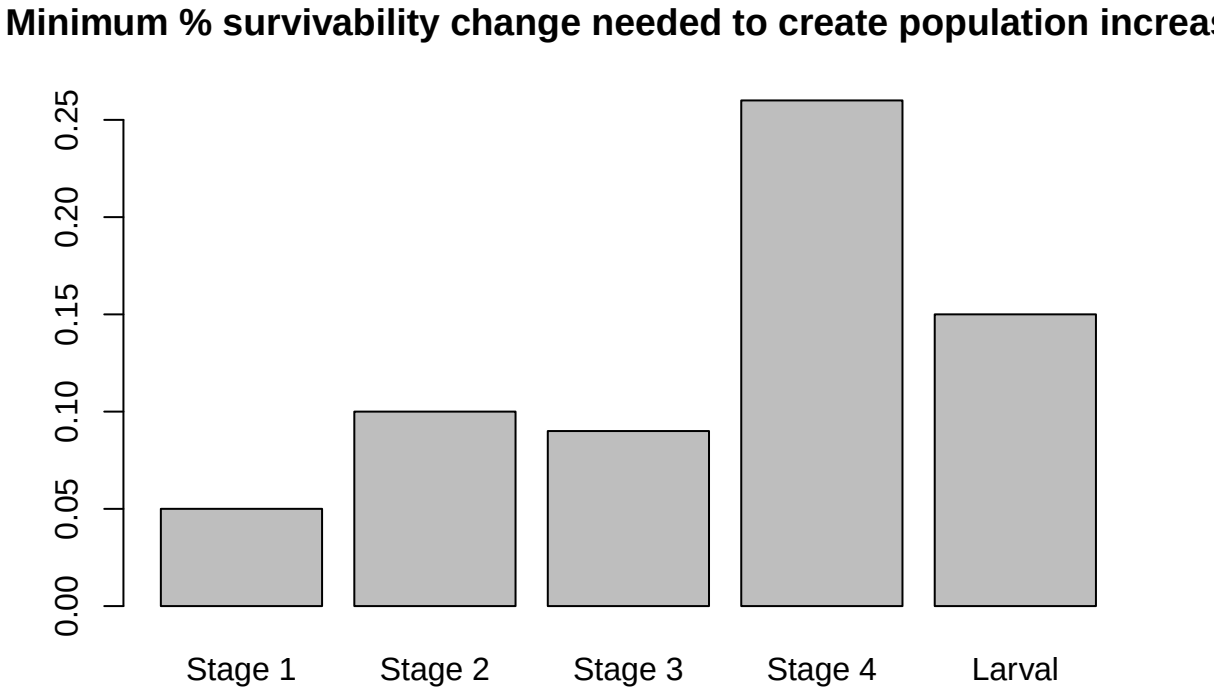

paretospagheto$PercentChange
0.02
0.04
0.06
0.08
0.10
1
2
3
4
5
paretospagheto$Frequency


paretospagheto$PercentChange
0.02
0.04
0.06
0.08
0.10
1
2
3
4
5
paretospagheto$Frequency


paretospagheto$PercentChange
0.02
0.04
0.06
0.08
0.10
1
2
3
4
5
paretospagheto$Frequency

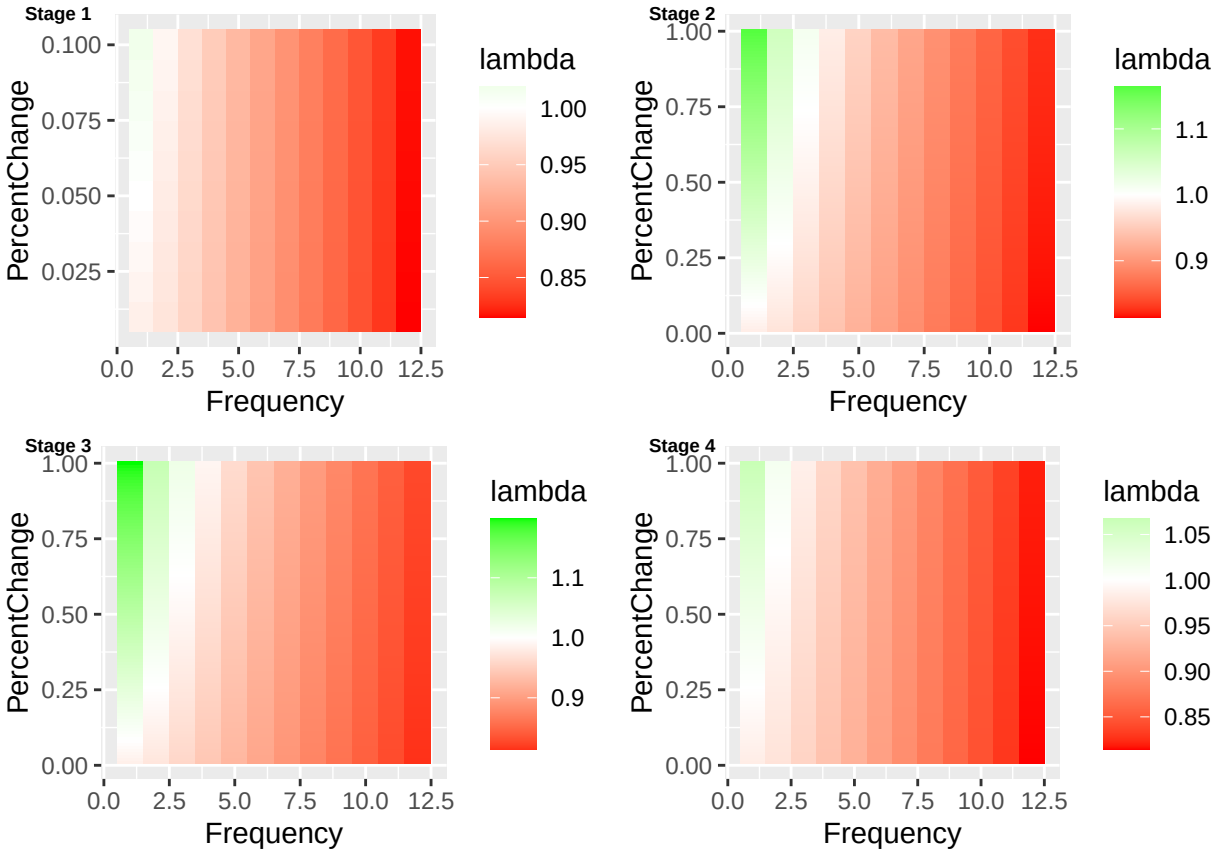

0.100
0.075
0.050
0.025
0.000
Percent change in survival
1
3
6
9
12
Frequency of closure (months)
Eigenvalue
1.06
1.04
1.02
1.00


0.100
0.075
0.050
0.025
0.000
PercentChange
0.0
2.5
5.0
7.5
10.0
12.5
Frequency
PopDynamics
0−25
Decrease

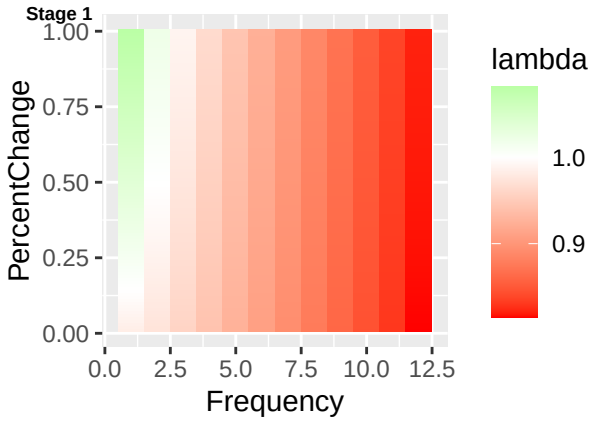



```
## [1] 0.05 0.10 0.09 0.26 0.15
```

```
## $`1`
```

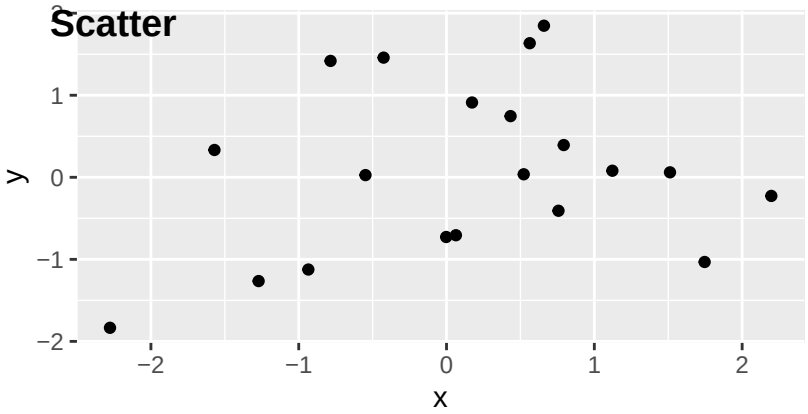

Stage 1
PercentChange
0.100
0.075
0.050
0.025
0.0
2.5
5.0
7.5
10.0
12.5
Frequency
lambda
1.00
0.95
0.90
0.85
Stage 2
PercentChange
1.00
0.75
0.50
0.25
0.00
Frequency
lambda
1.1
1.0
0.9
Stage 3
PercentChange
Frequency
lambda
1.1
1.0
0.9
Stage 4
PercentChange
Frequency
lambda
1.05
1.00
0.95
0.90
0.85

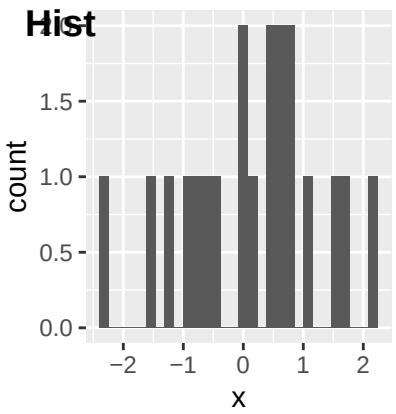
```
##
## $`2`
```




```
##
## attr(,"class")
## [1] "list"      "ggarrange"
```

```
##               x           y
## 1   0.793013171  0.39299759
## 2   0.522251264  0.03675713
## 3   1.746222241 -1.03208366
## 4  -1.271336123 -1.26486147
## 5   2.197389533 -0.22696529
## 6   0.433130777  0.74558930
## 7  -1.570199630  0.33281918
## 8  -0.934905667 -1.12404046
## 9   0.063493345 -0.70613078
## 10 -0.002393336 -0.72754386
## 11 -2.276781240 -1.83431439
## 12  0.757412225 -0.40768794
## 13 -0.548405554  0.02686119
## 14  0.172549478  0.91162864
## 15  0.562853068  1.63434648
## 16  1.511817959  0.06068561
## 17  0.659025169  1.84757253
## 18  1.122028075  0.08012495
## 19 -0.784641369  1.41855588
## 20 -0.425692289  1.45861594
```


Scatter
y
x
2
1
0
−1
−2
−2
−1
0
1
2


Hist
count
x
1.5
1.0
0.5
0.0
−2
−1
0
1
2