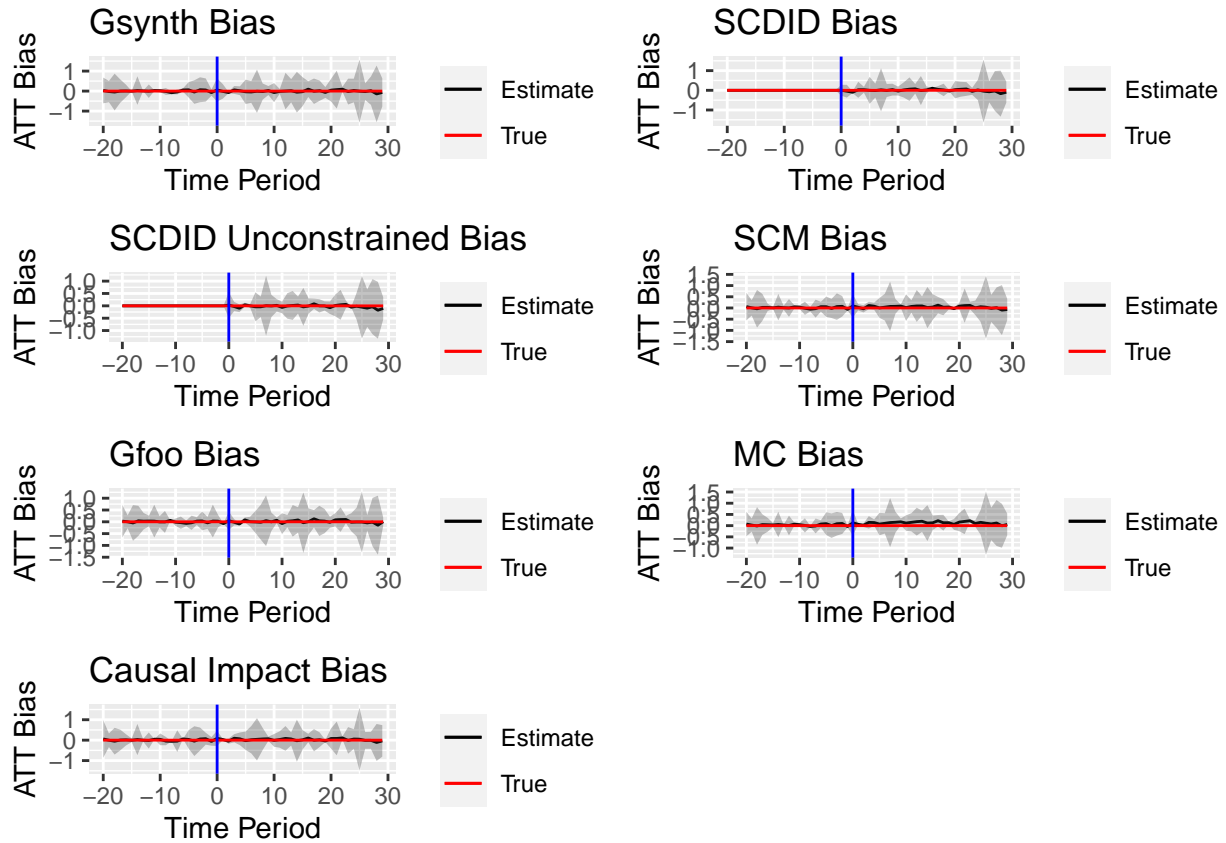


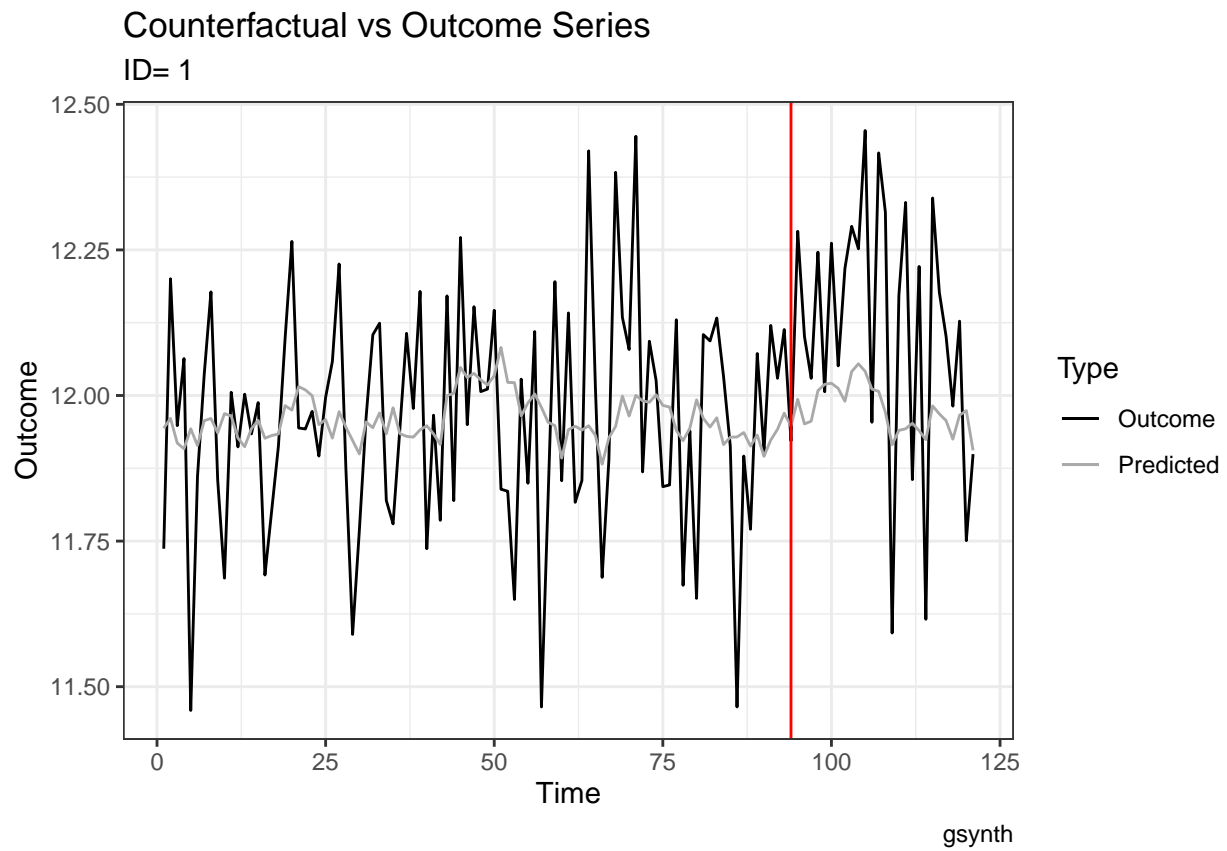
DGP Variations

For Loop Over DGPs

```
## [1] "aa_high_acf"
```



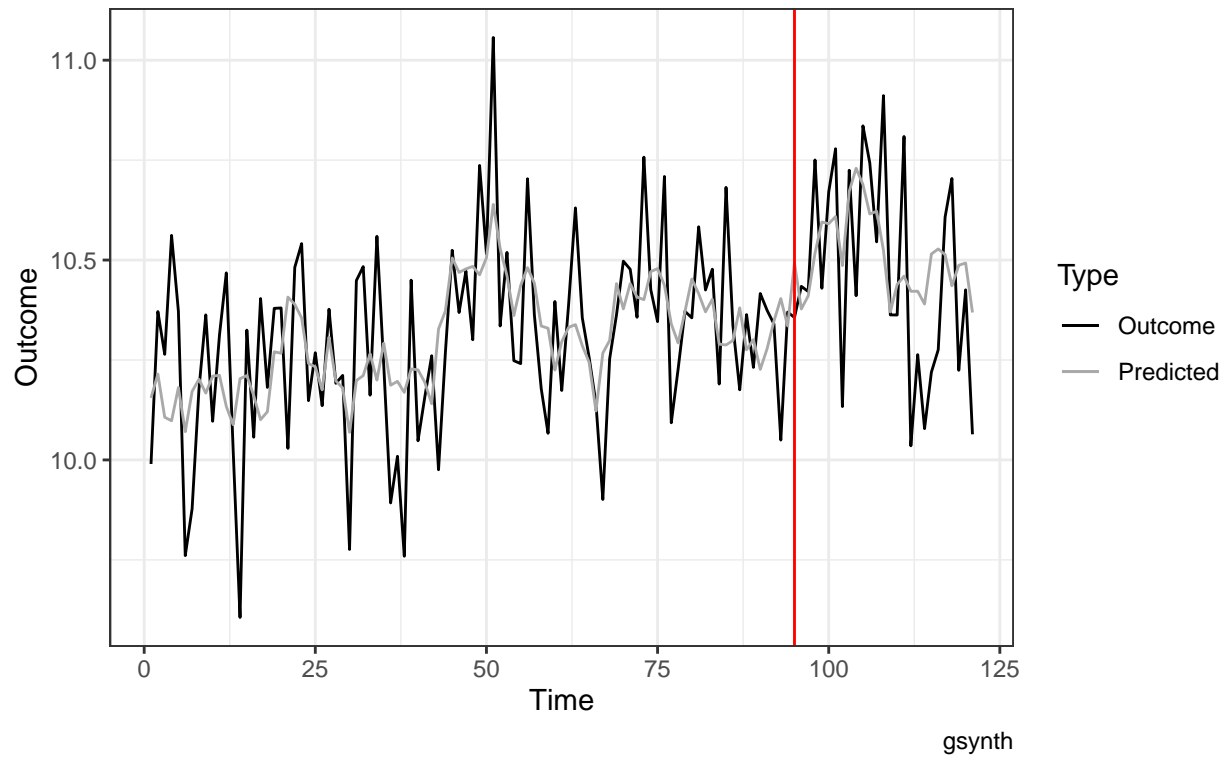
```
## [[1]]
```



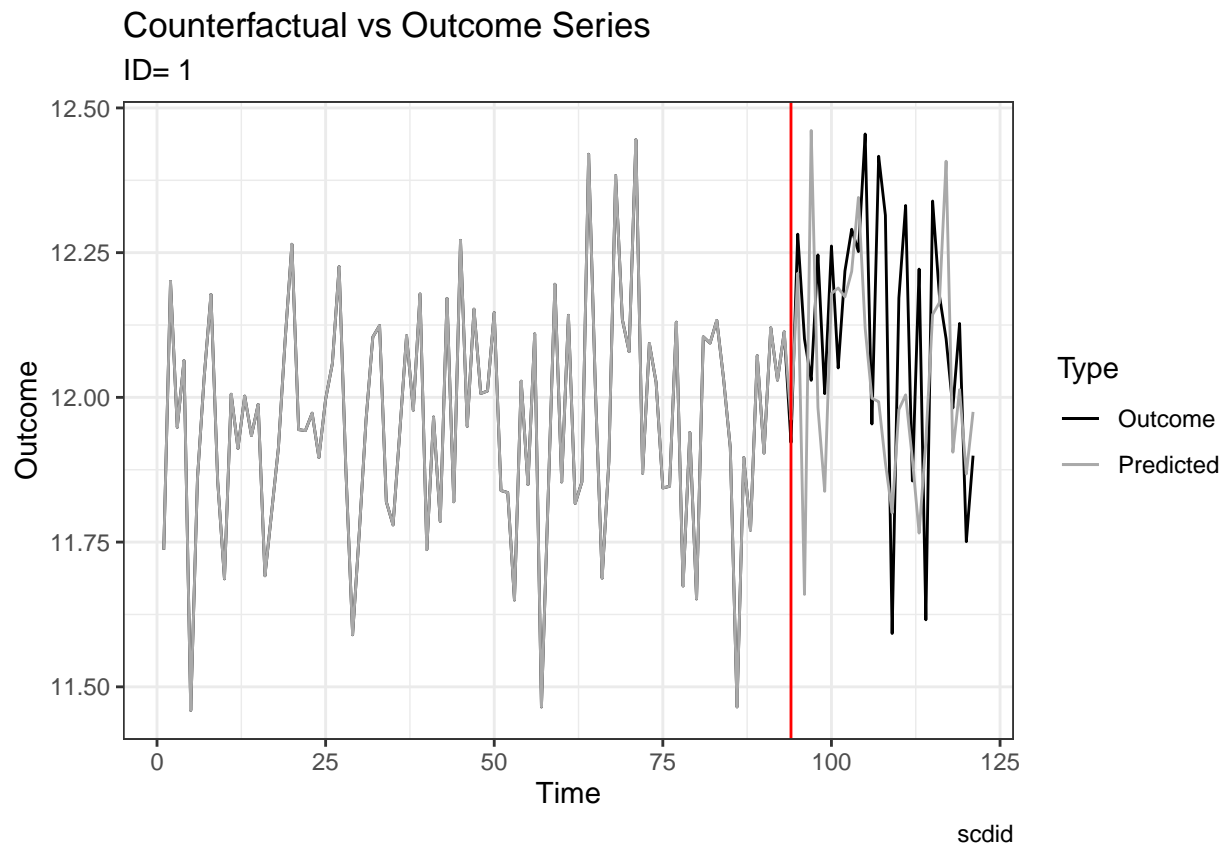
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

ID= 11



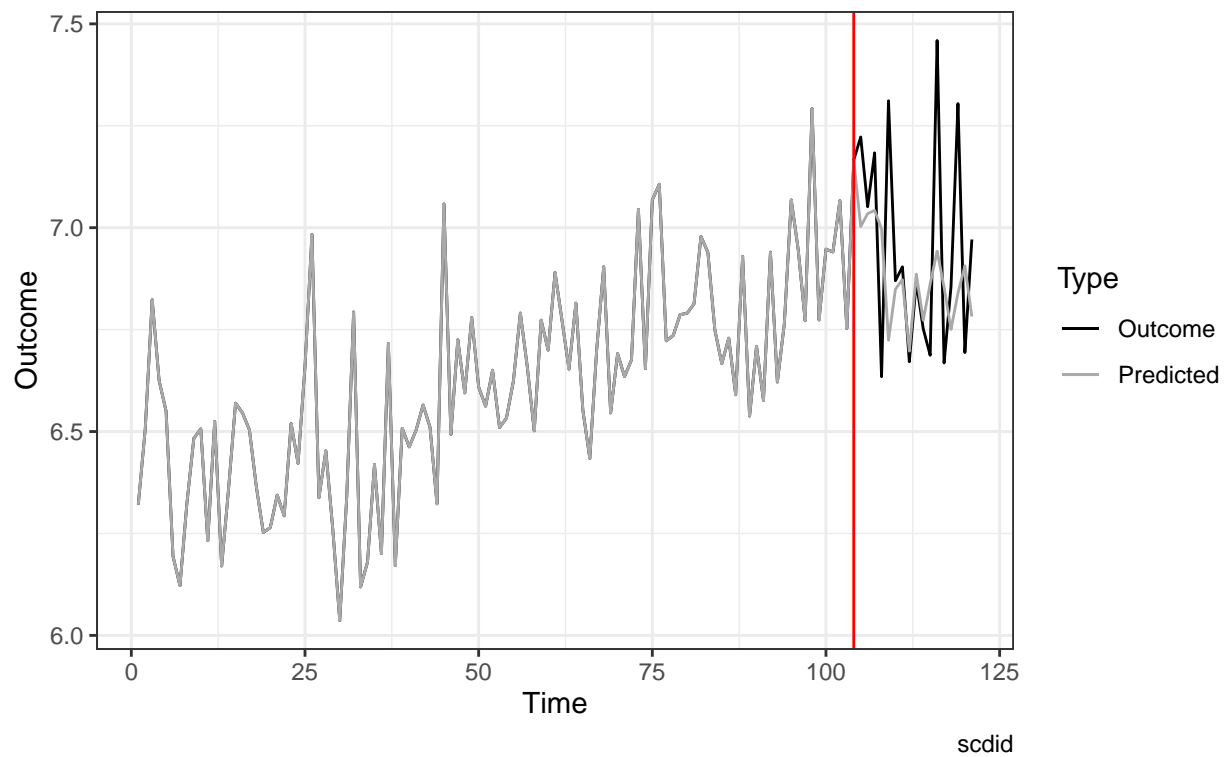
```
##  
## [[1]]
```



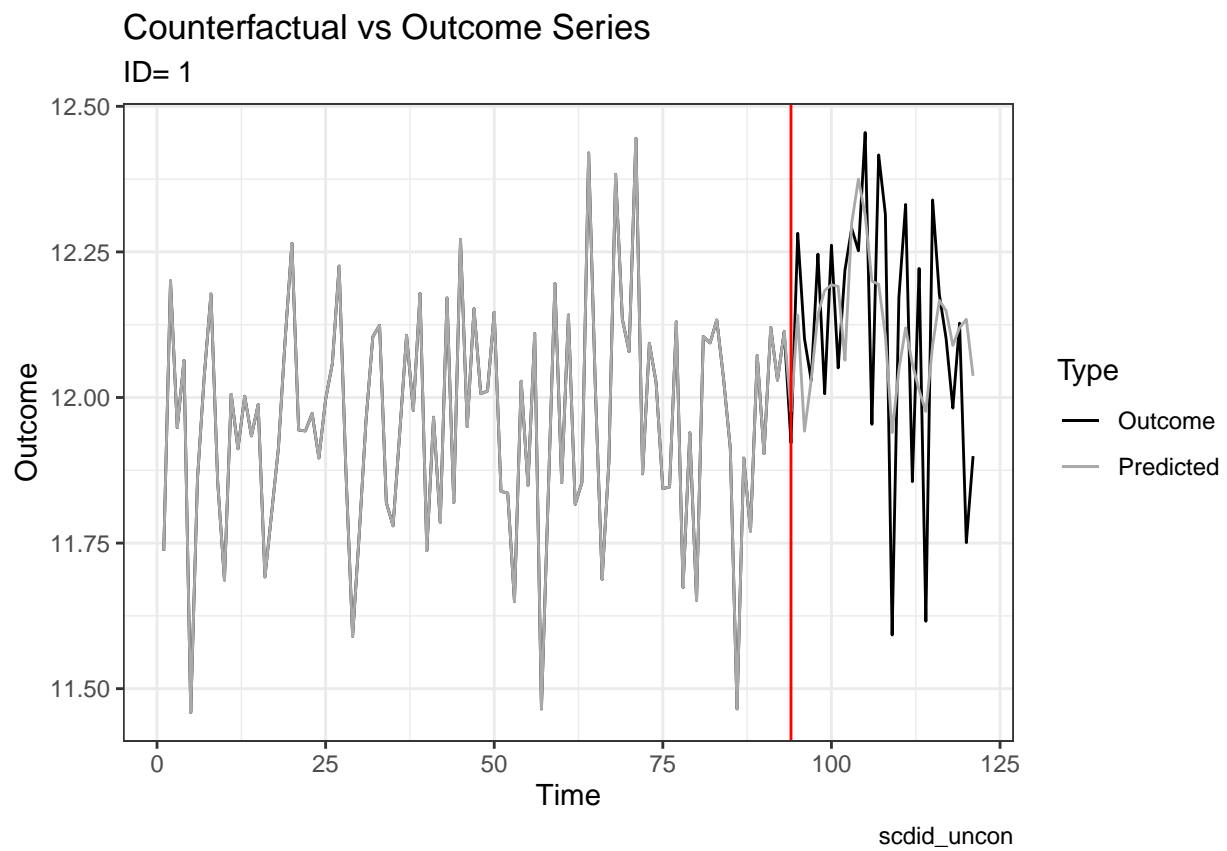
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

ID= 19



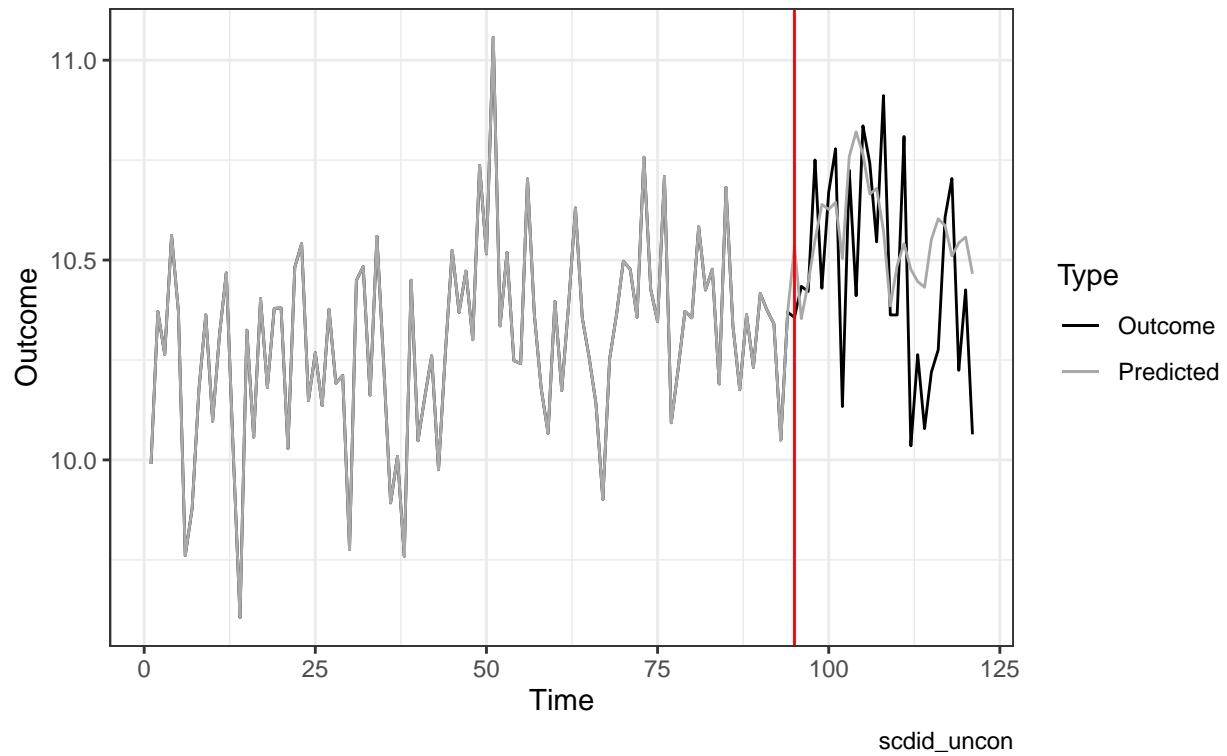
```
##  
## [[1]]
```



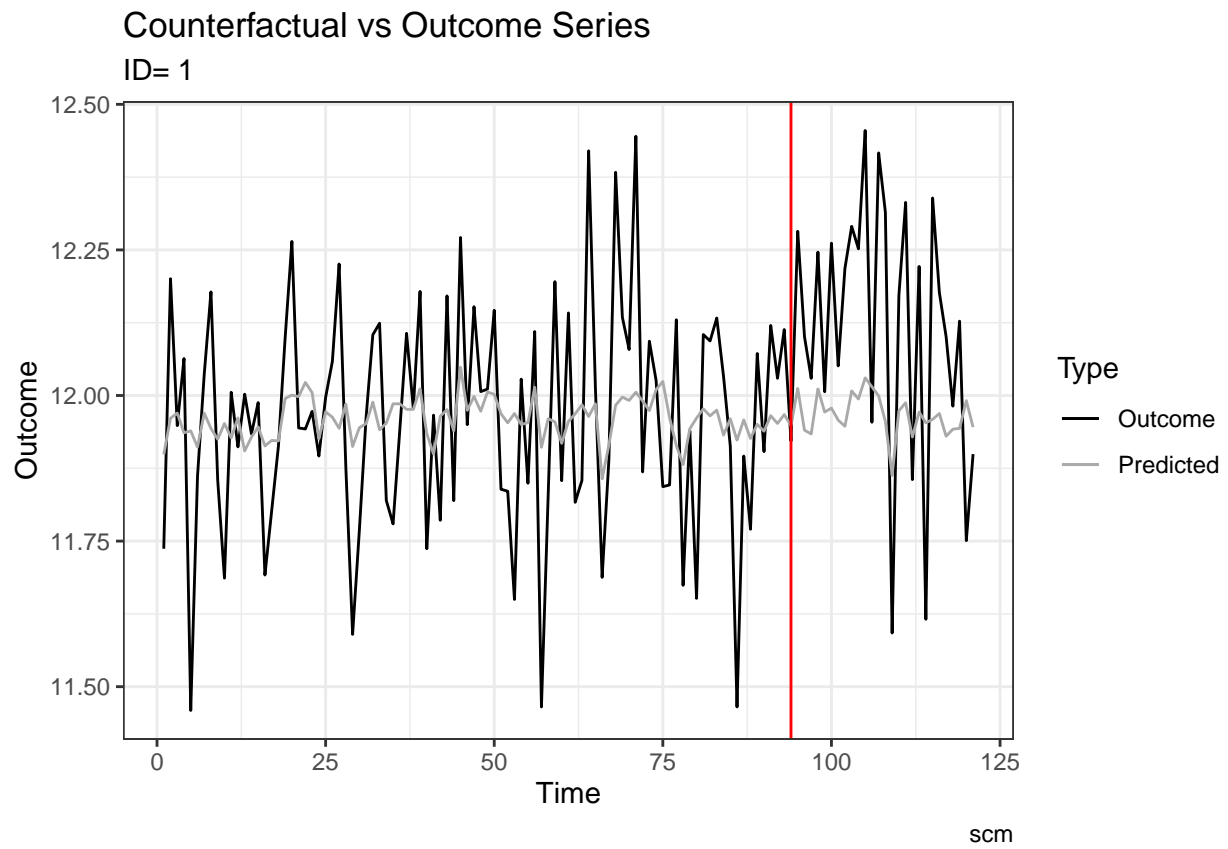
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

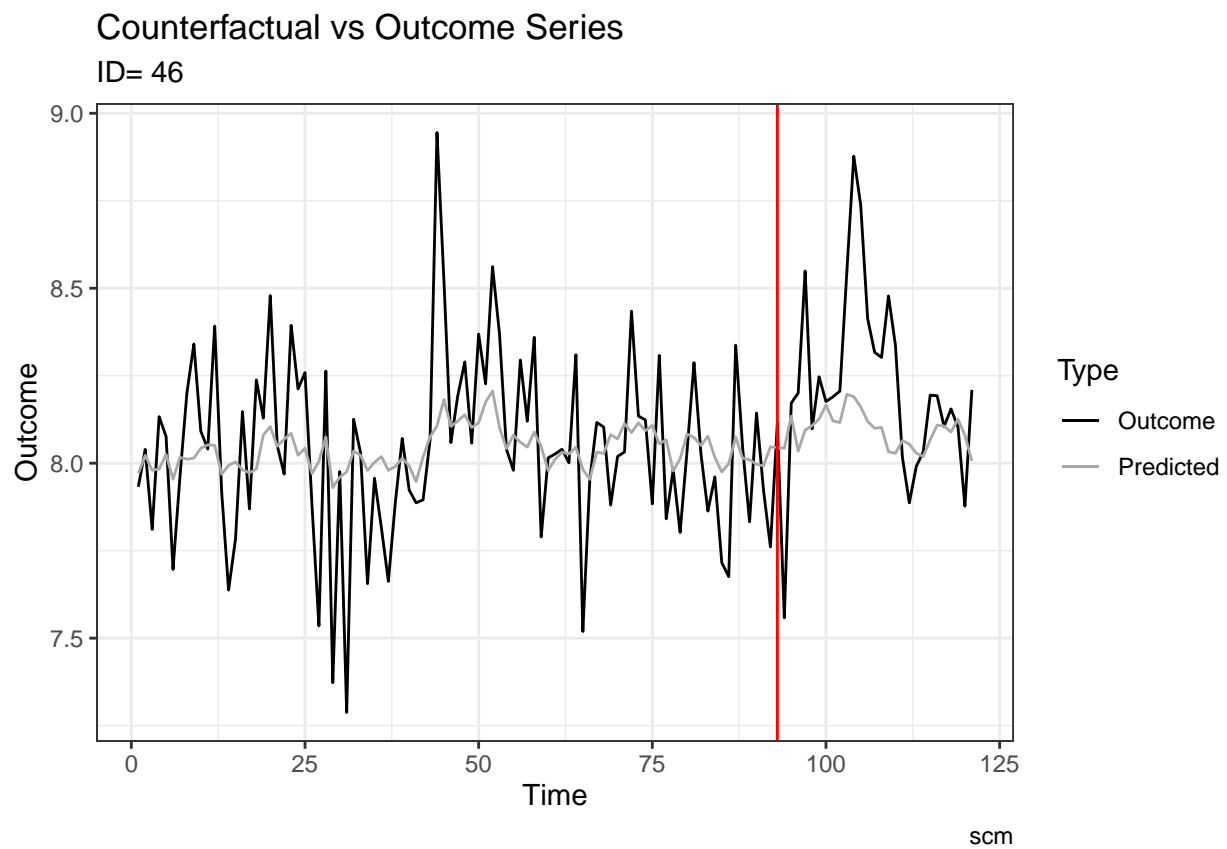
ID= 11



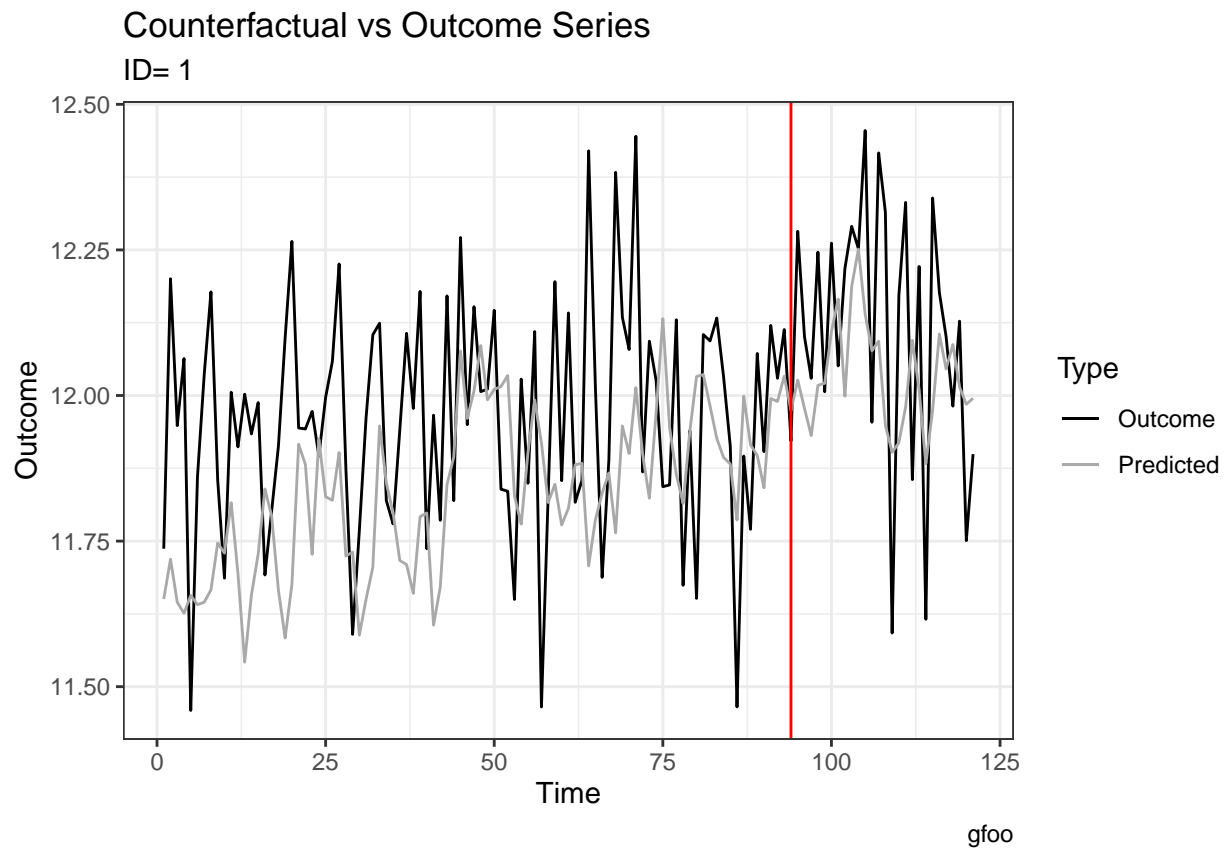
```
##  
## [[1]]
```



```
##  
## [[2]]
```

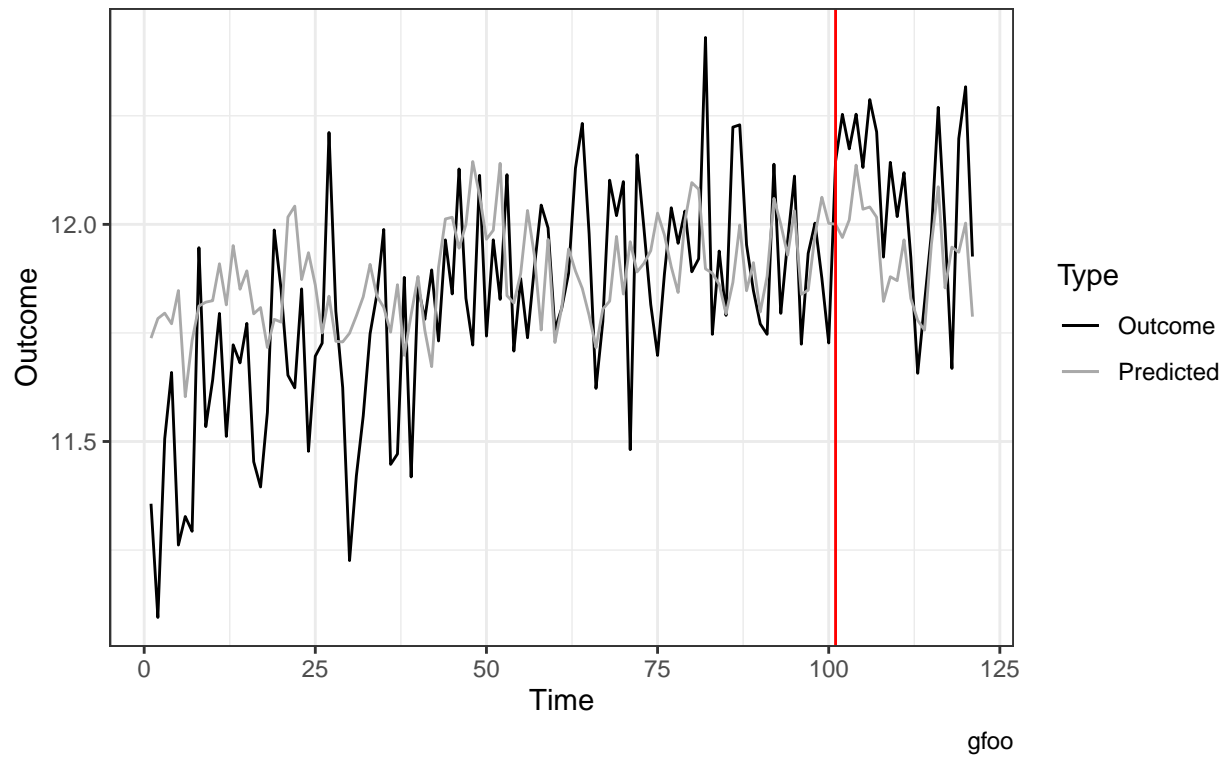
```
##  
## [[1]]
```



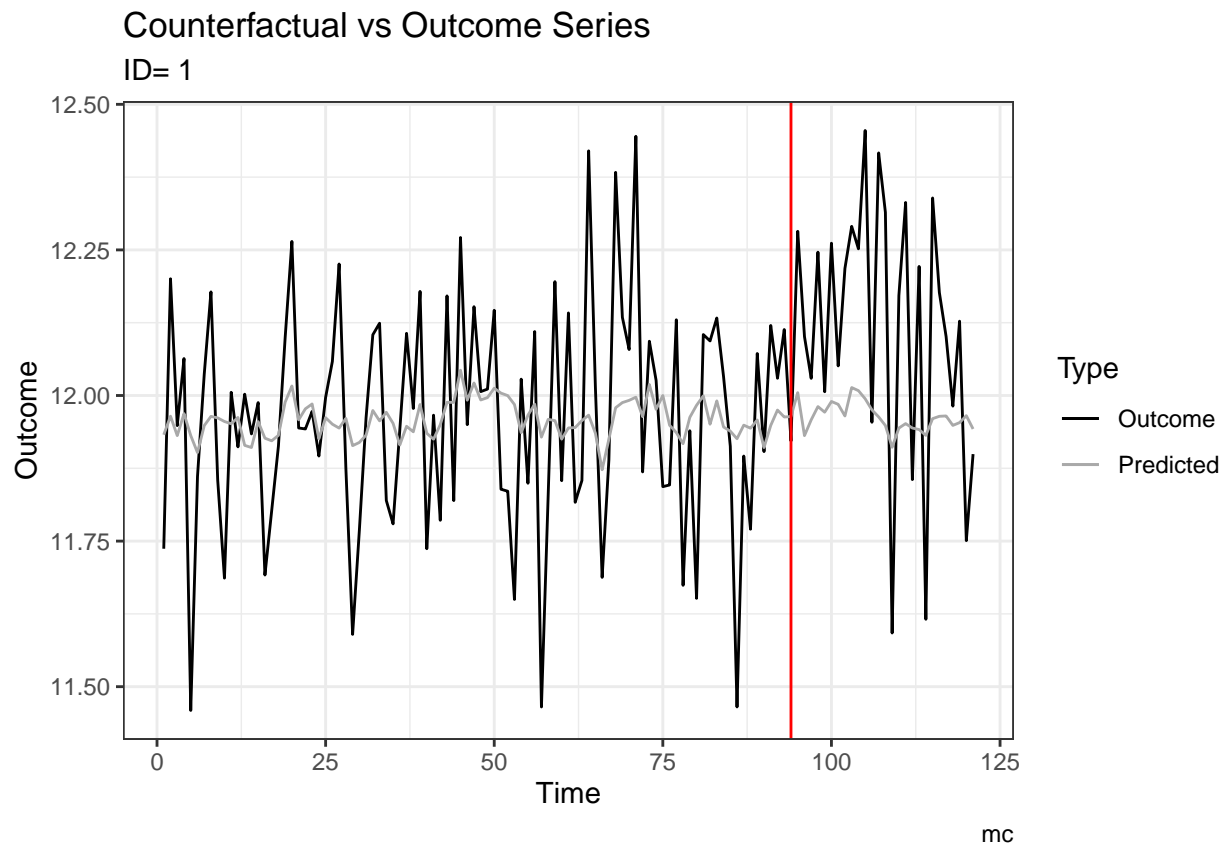
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

ID= 12



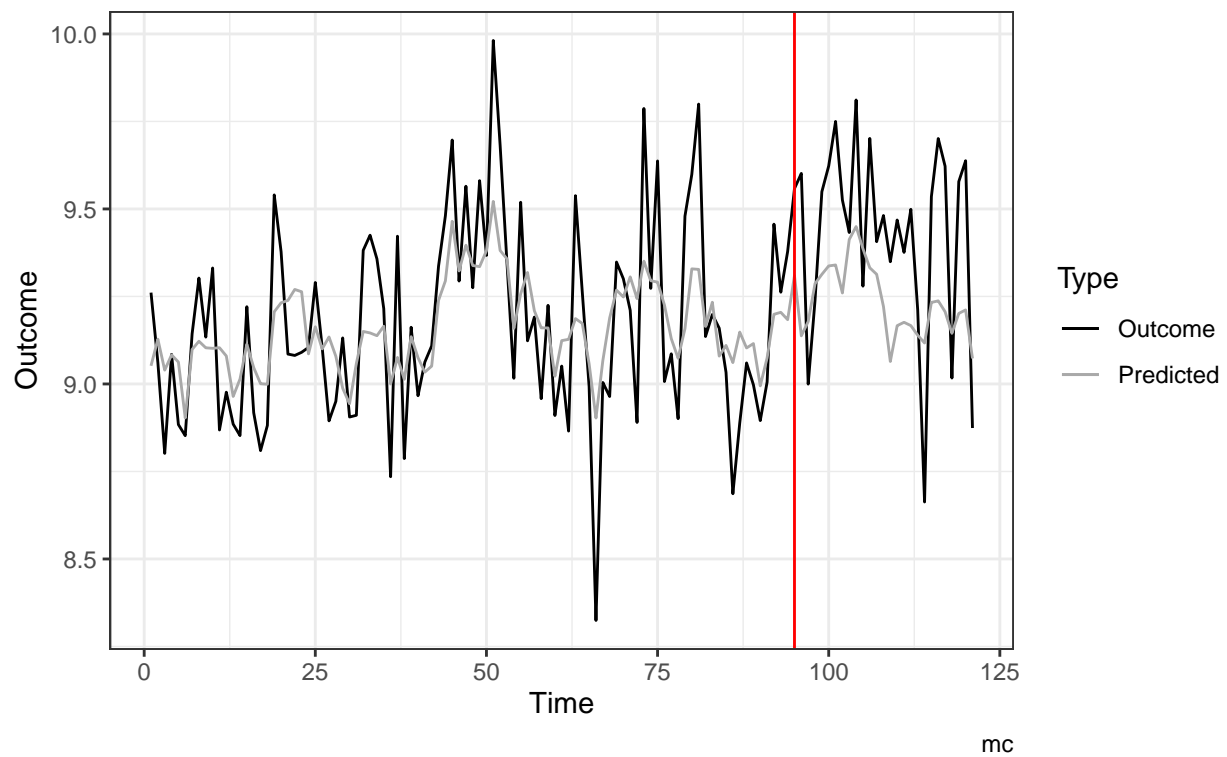
```
##  
## [[1]]
```



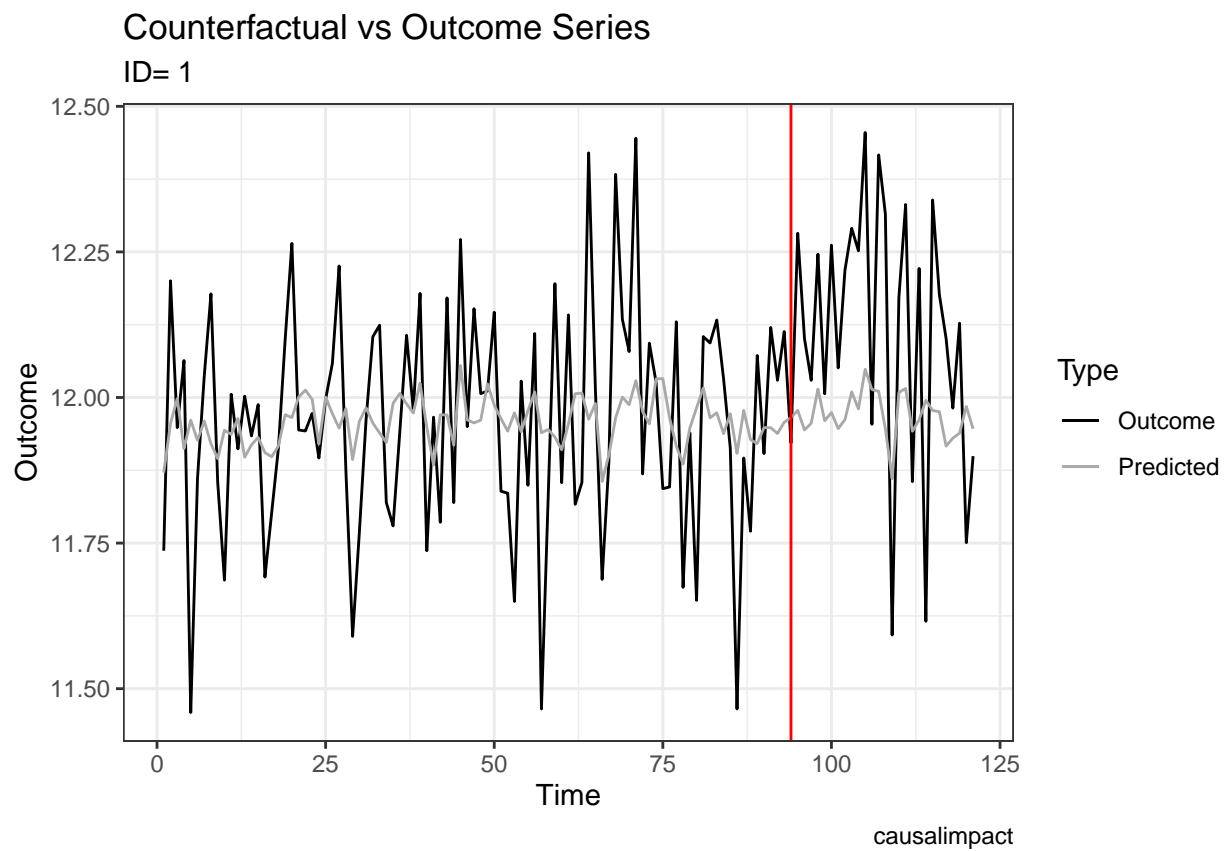
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

ID= 14



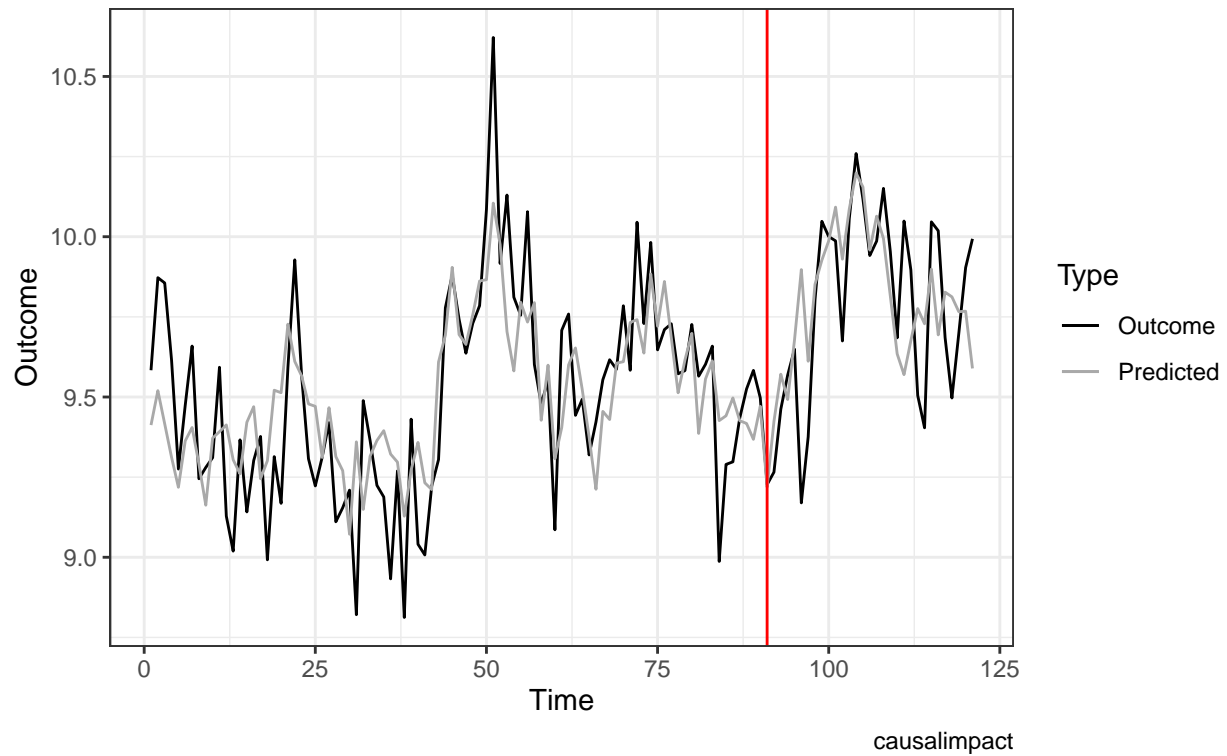
```
##  
## [[1]]
```



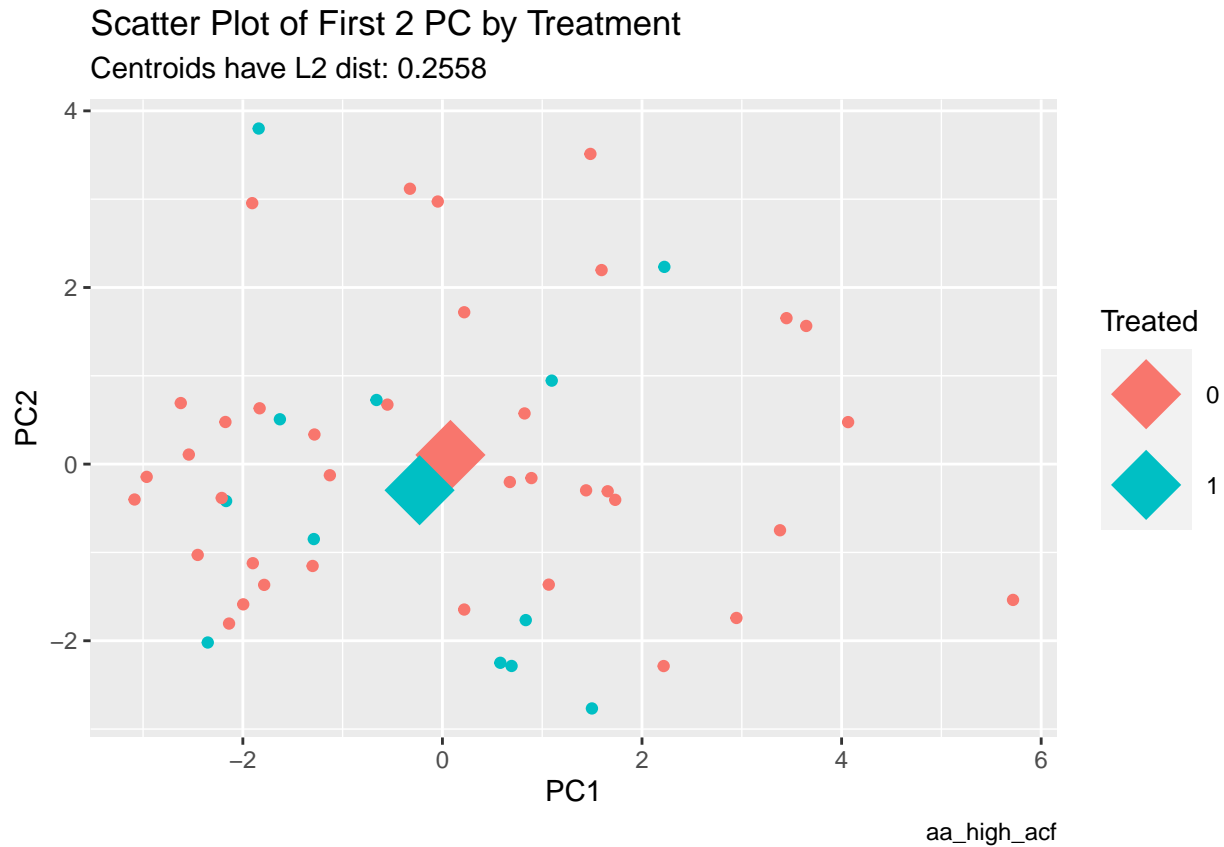
```
##  
## [[2]]
```

Counterfactual vs Outcome Series

ID= 29



```
## Registered S3 method overwritten by 'quantmod':  
##   method      from  
## as.zoo.data.frame zoo  
## `summarise()` ungrouping output (override with `.groups` argument)
```



```
## # A tibble: 9 x 8
##   vars      n1    n2 statistic    df      p p.adj p.adj.signif
##   <chr>    <int> <int>    <dbl> <dbl> <dbl> <dbl>    <chr>
## 1 curvature    37    13   -0.738   25.9 0.467 0.956    ns
## 2 diff1_acf1   37    13    1.01   18.6 0.324 0.956    ns
## 3 diff2_acf1   37    13    1.27   19.8 0.219 0.956    ns
## 4 e_acf1       37    13  -0.0982  16.3 0.923 0.956    ns
## 5 entropy      37    13   -1.25   47.1 0.219 0.956    ns
## 6 linearity     37    13  -0.0563  26.9 0.956 0.956    ns
## 7 spike        37    13   -0.369   23.4 0.716 0.956    ns
## 8 trend        37    13    0.495   28.1 0.625 0.956    ns
## 9 x_acf1       37    13    0.326   31.0 0.746 0.956    ns
```

Metrics by Method

aa_high_acf							
Method	gsynth	scdid	scdid_uncon	scm	gfoo	mc	causalimpact
coverage							
0	1.000	1.000	1.000	0.500	1.000	0.500	1.000
1	1.000	1.000	1.000	1.000	1.000	1.000	1.000
2	1.000	1.000	1.000	1.000	1.000	1.000	1.000
3	1.000	1.000	1.000	1.000	1.000	0.000	1.000
4	1.000	1.000	1.000	1.000	1.000	1.000	1.000
rmse							
0	0.222	0.241	0.234	0.222	0.224	0.247	0.218
1	0.257	0.287	0.271	0.274	0.281	0.290	0.280
2	0.212	0.270	0.229	0.213	0.250	0.209	0.231

3	0.194	0.215	0.198	0.226	0.197	0.245	0.214
4	0.247	0.245	0.227	0.239	0.260	0.273	0.243
bias							
0	0.058	0.004	0.031	0.091	0.047	0.126	0.090
1	−0.014	−0.045	−0.027	0.033	−0.018	0.059	0.031
2	−0.075	−0.097	−0.099	−0.037	−0.093	0.017	−0.050
3	0.059	0.027	0.040	0.111	0.083	0.145	0.093
4	0.018	0.028	−0.000	0.079	0.005	0.137	0.065

Notes: