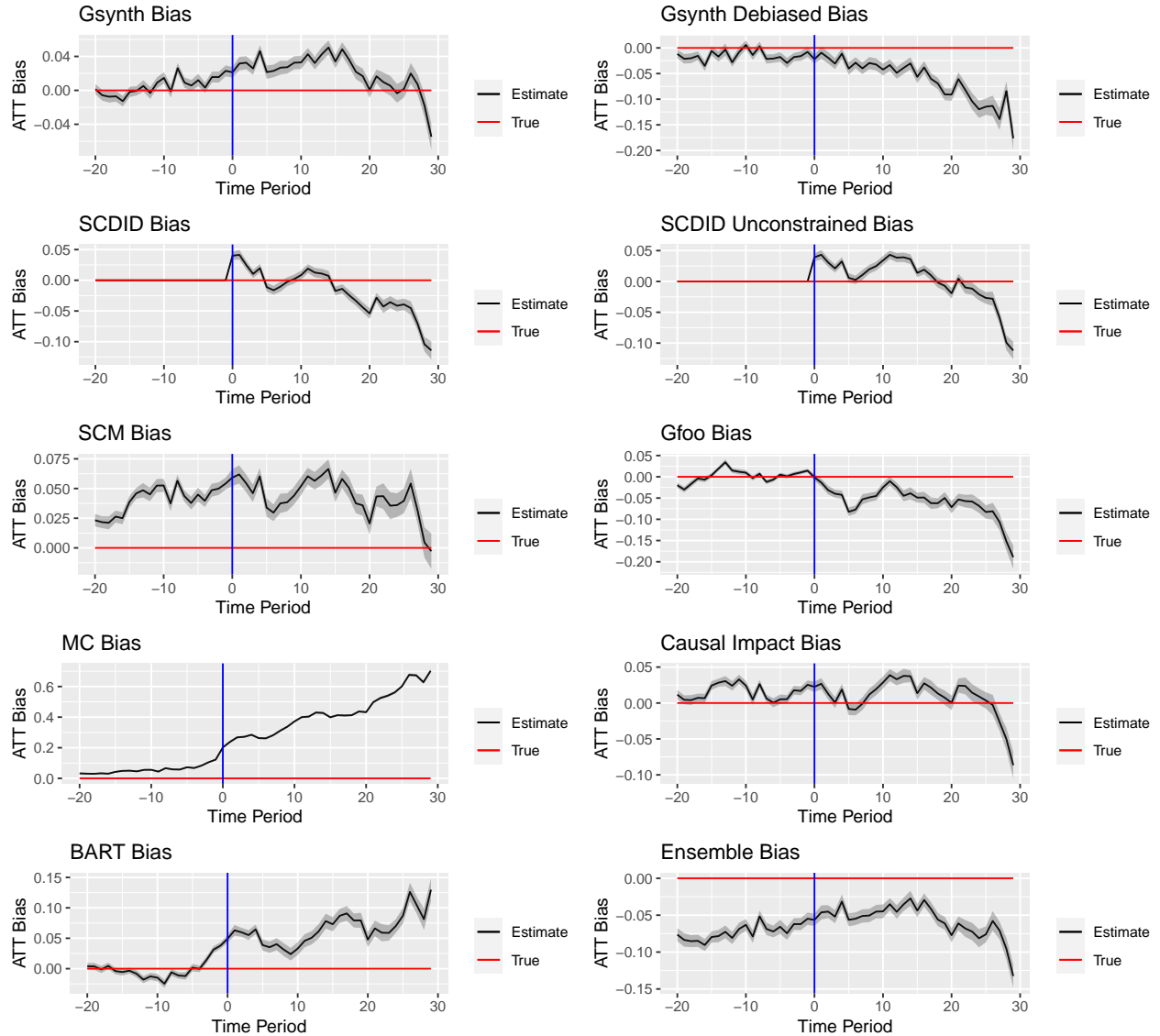


# DGP Variations

For Loop Over DGPs

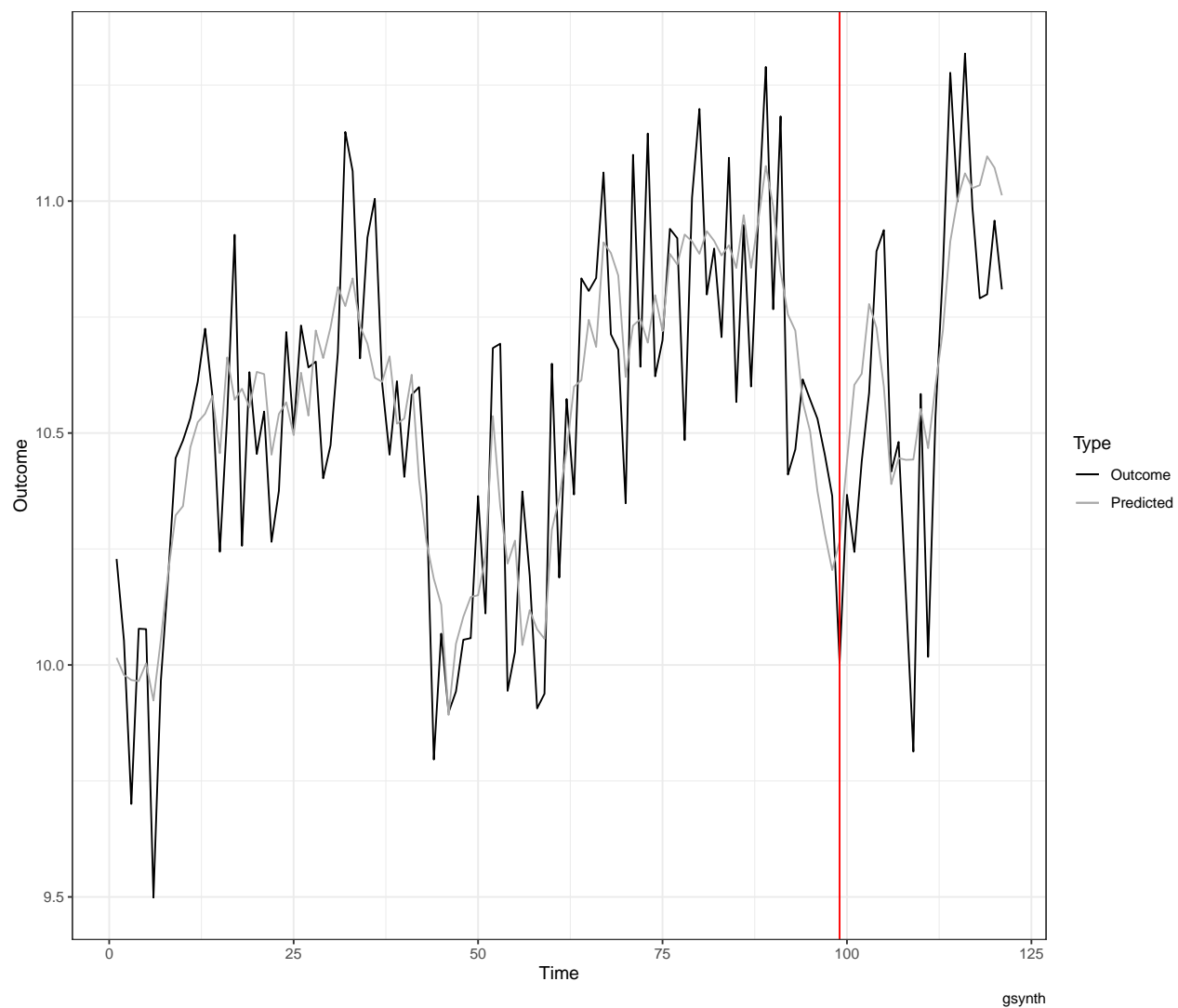
```
## [1] "aa_high_acf_loading_shift"
```



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

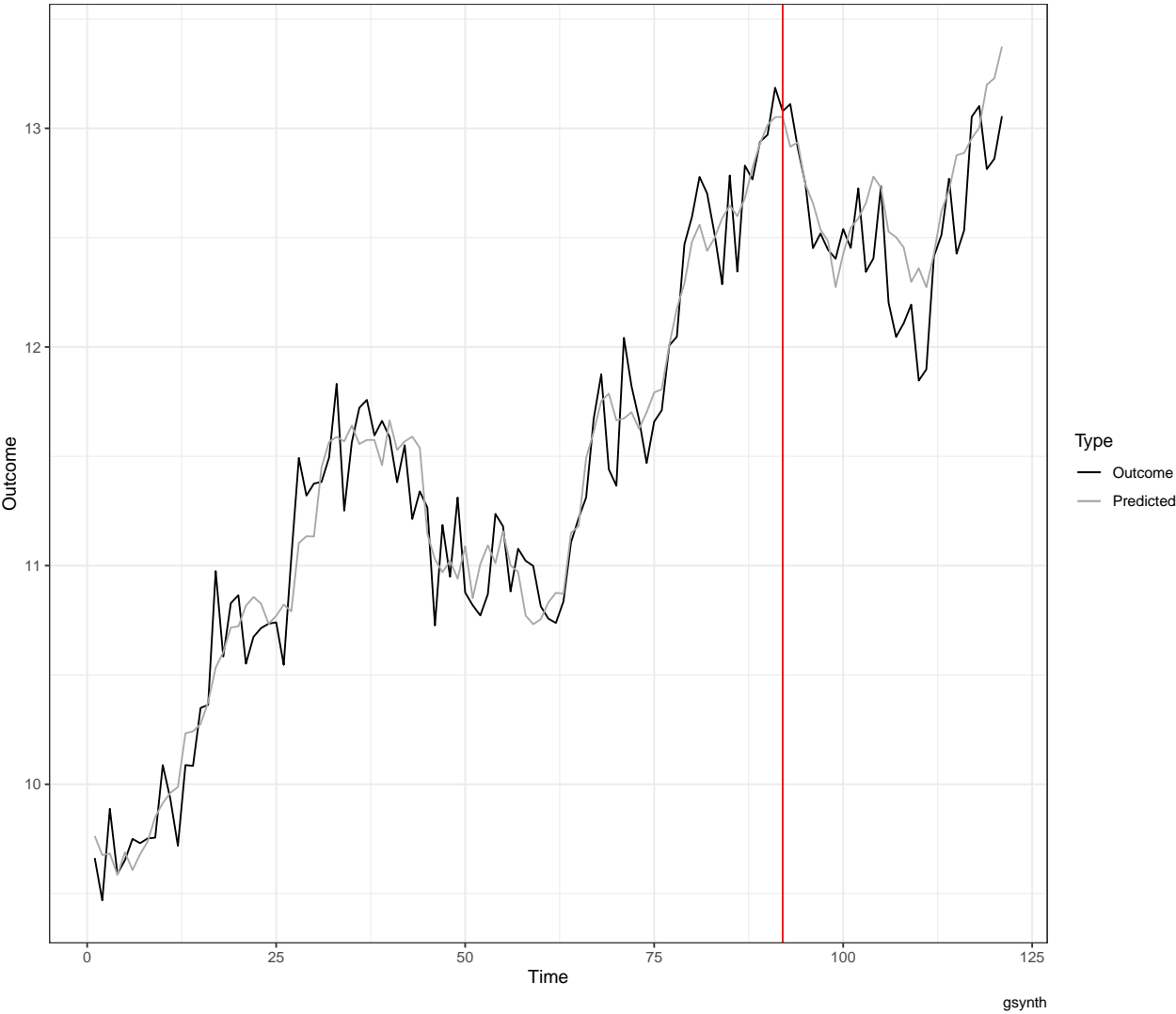
# Counterfactual vs Outcome Series

ID= 65



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

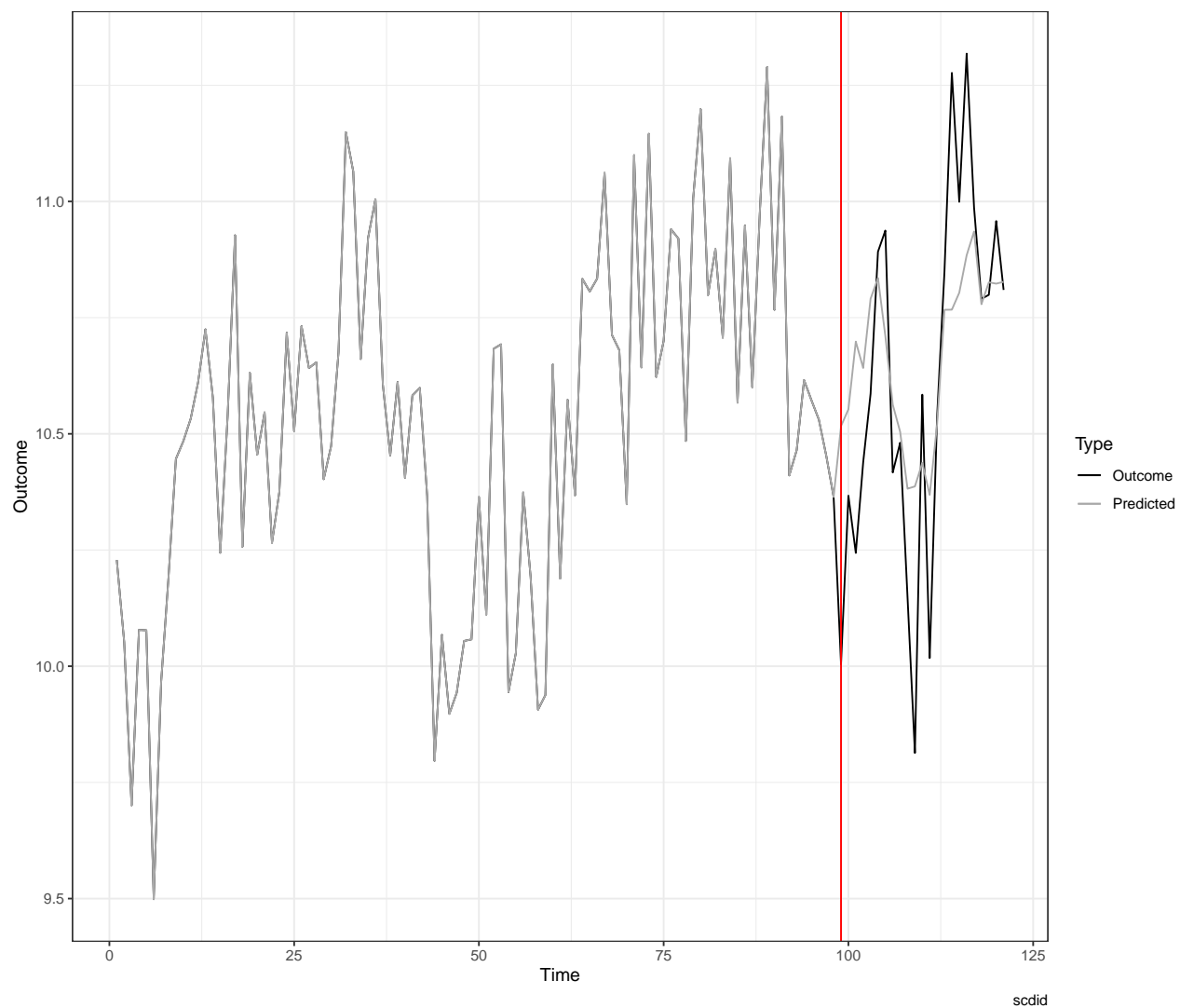
Counterfactual vs Outcome Series  
ID= 94



##  
## [[1]]

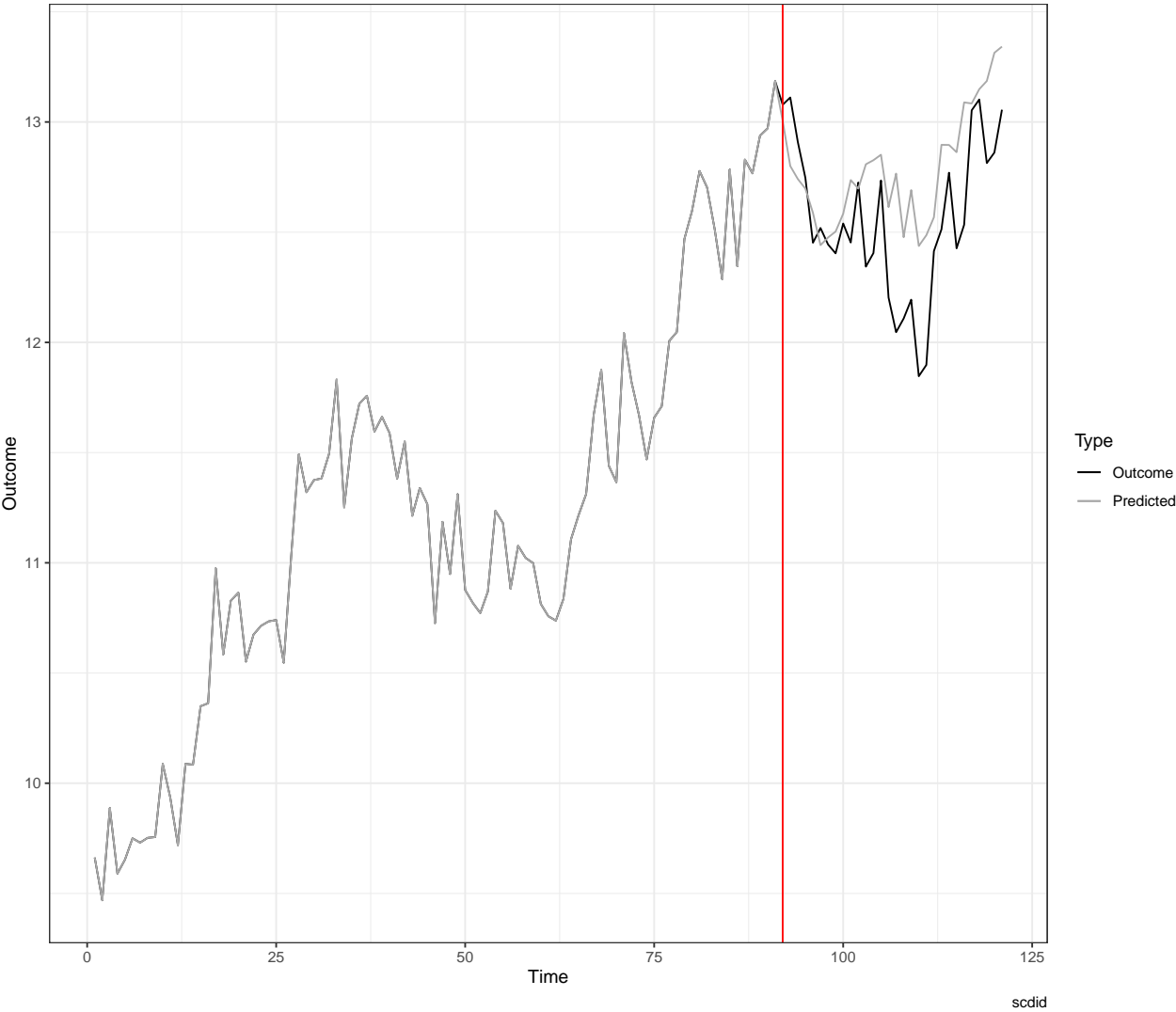
# Counterfactual vs Outcome Series

ID= 65



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

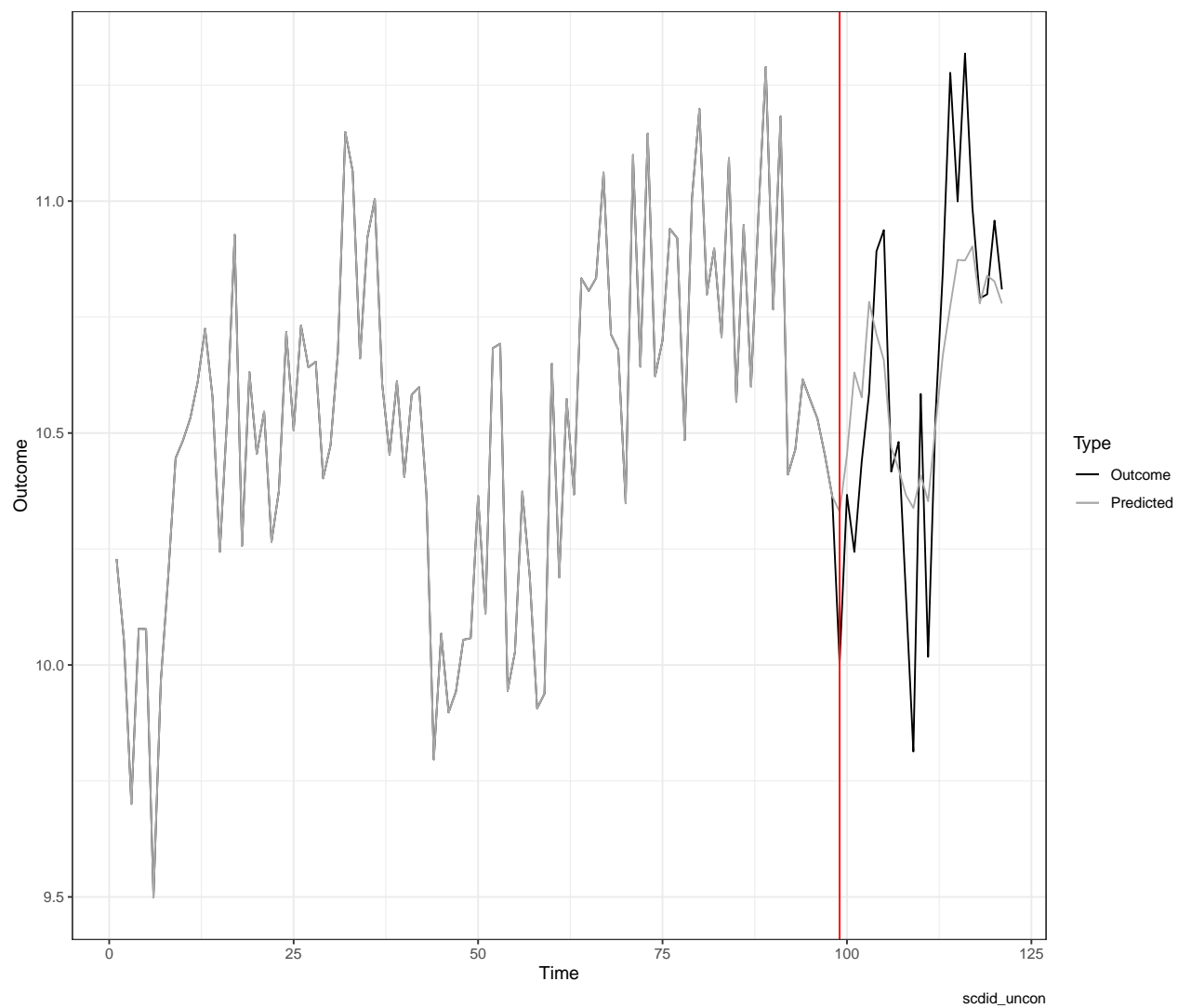
Counterfactual vs Outcome Series  
ID= 94



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

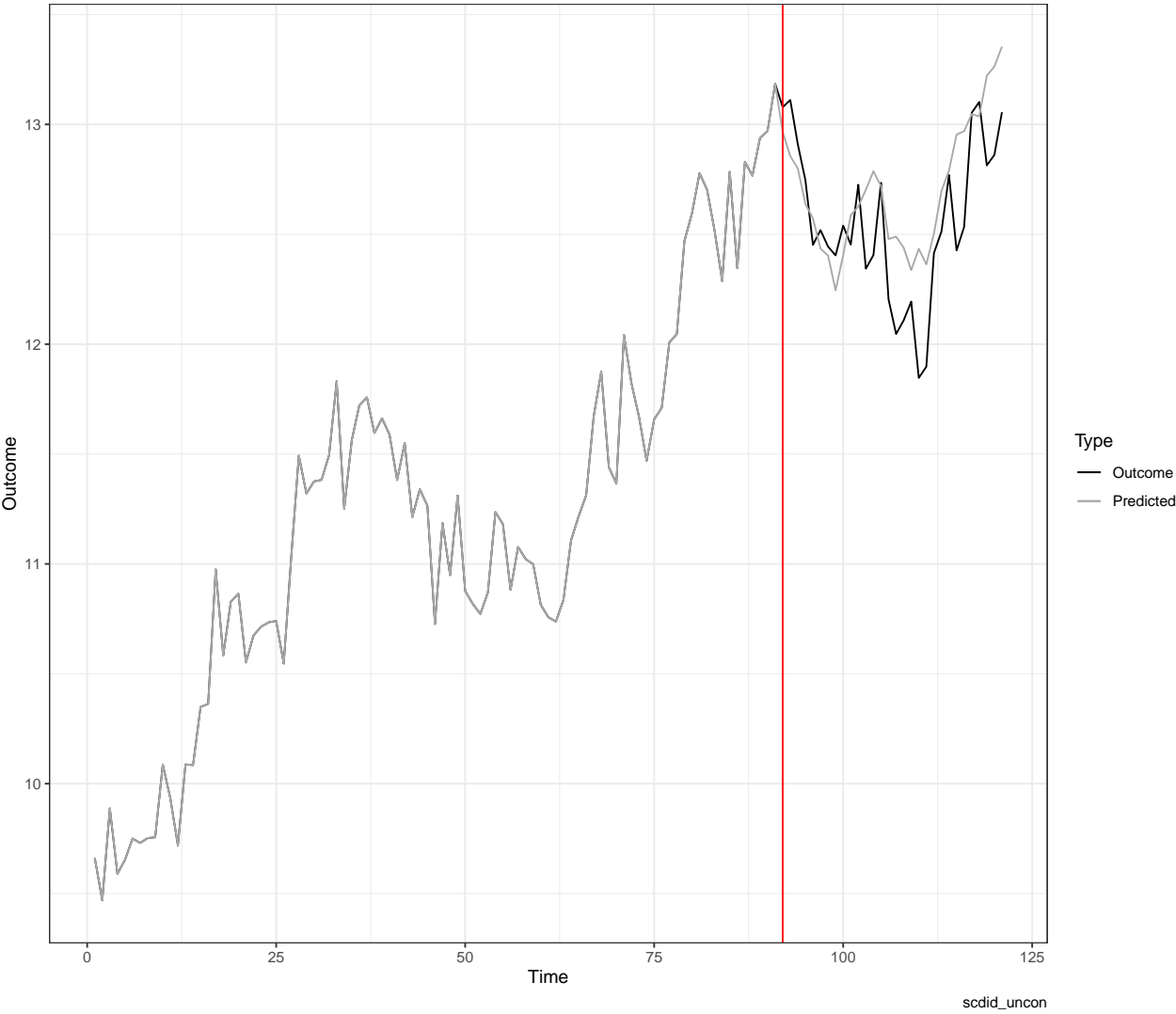
# Counterfactual vs Outcome Series

ID= 65



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

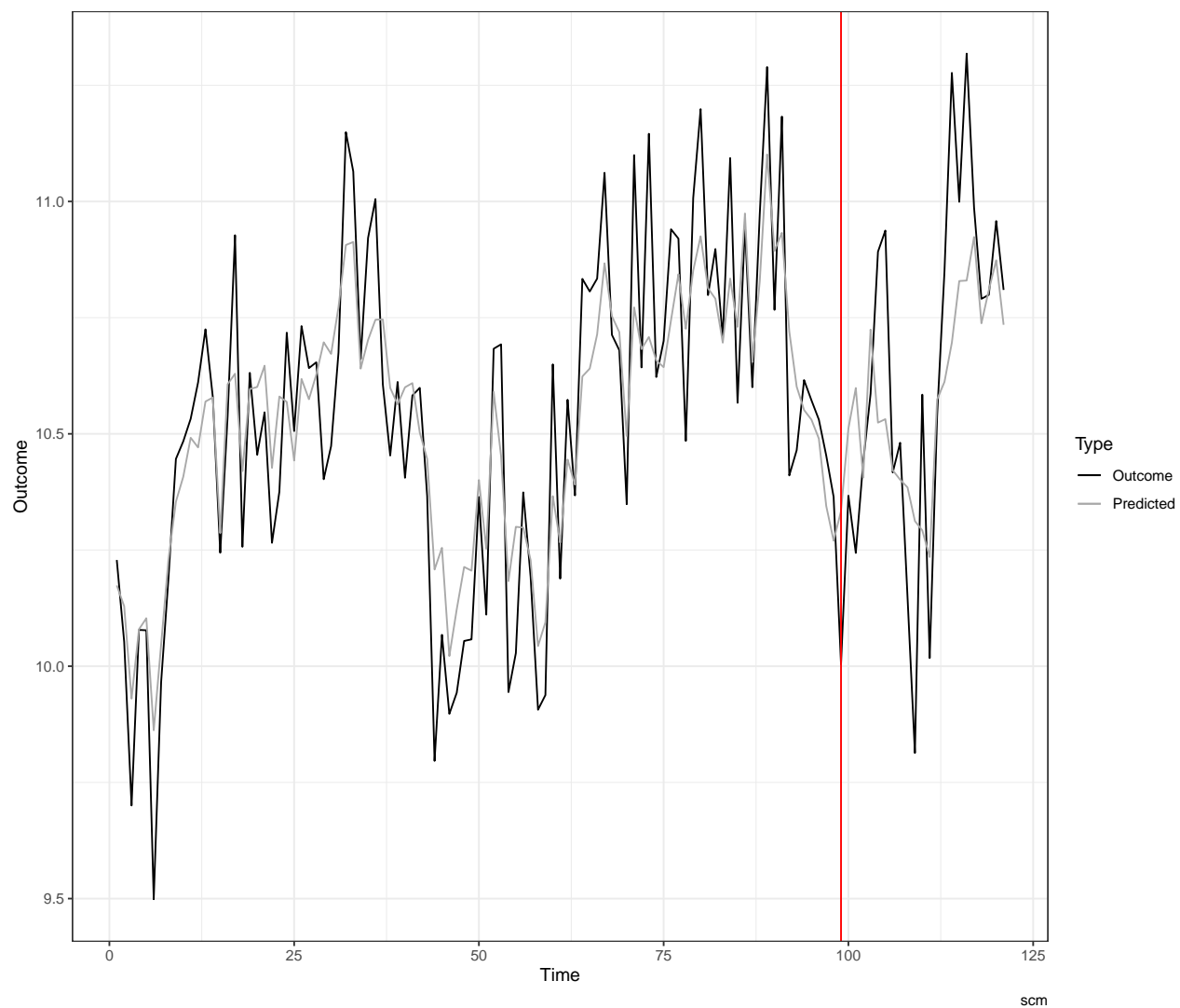
Counterfactual vs Outcome Series  
ID= 94



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

# Counterfactual vs Outcome Series

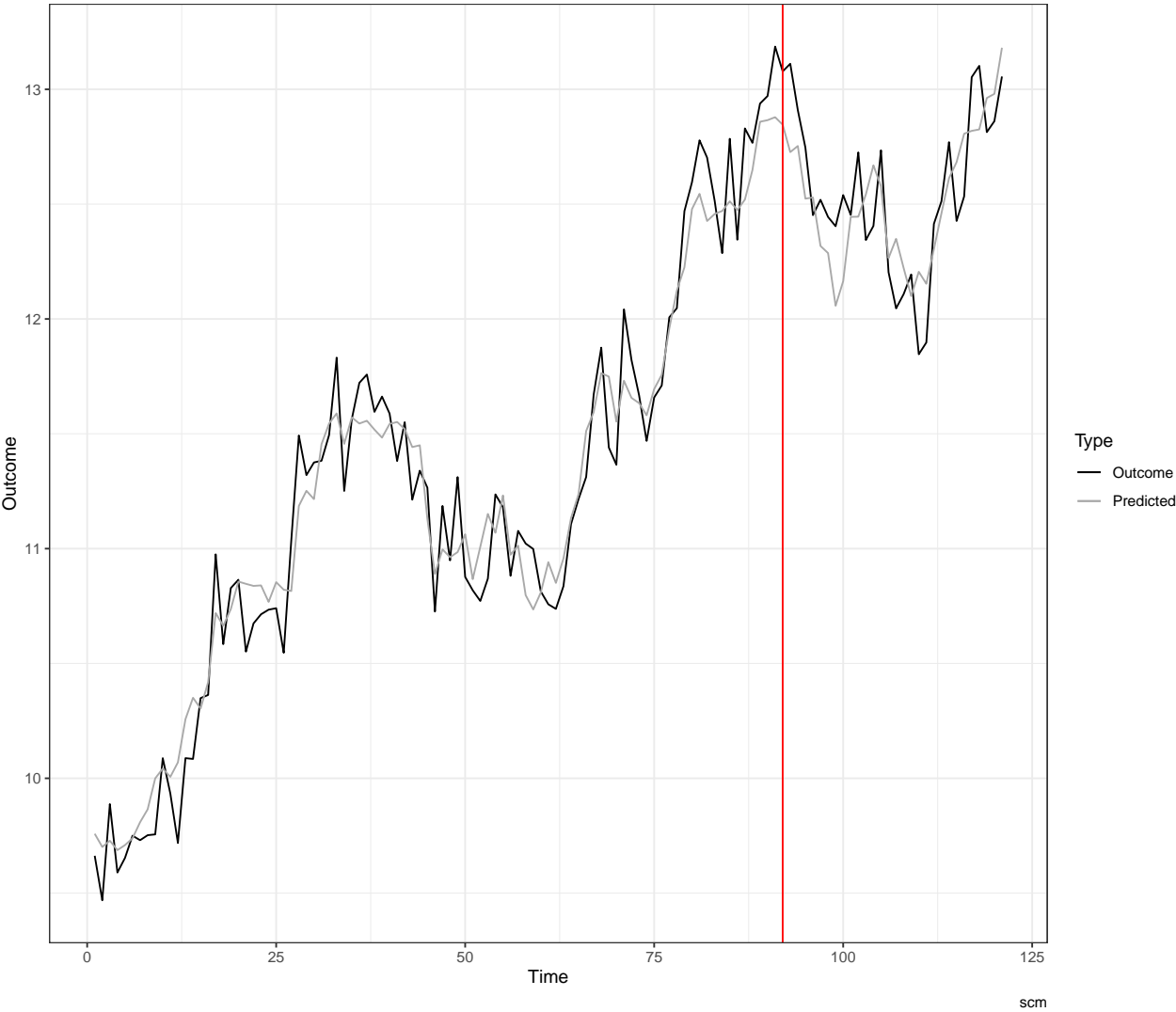
ID= 65



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



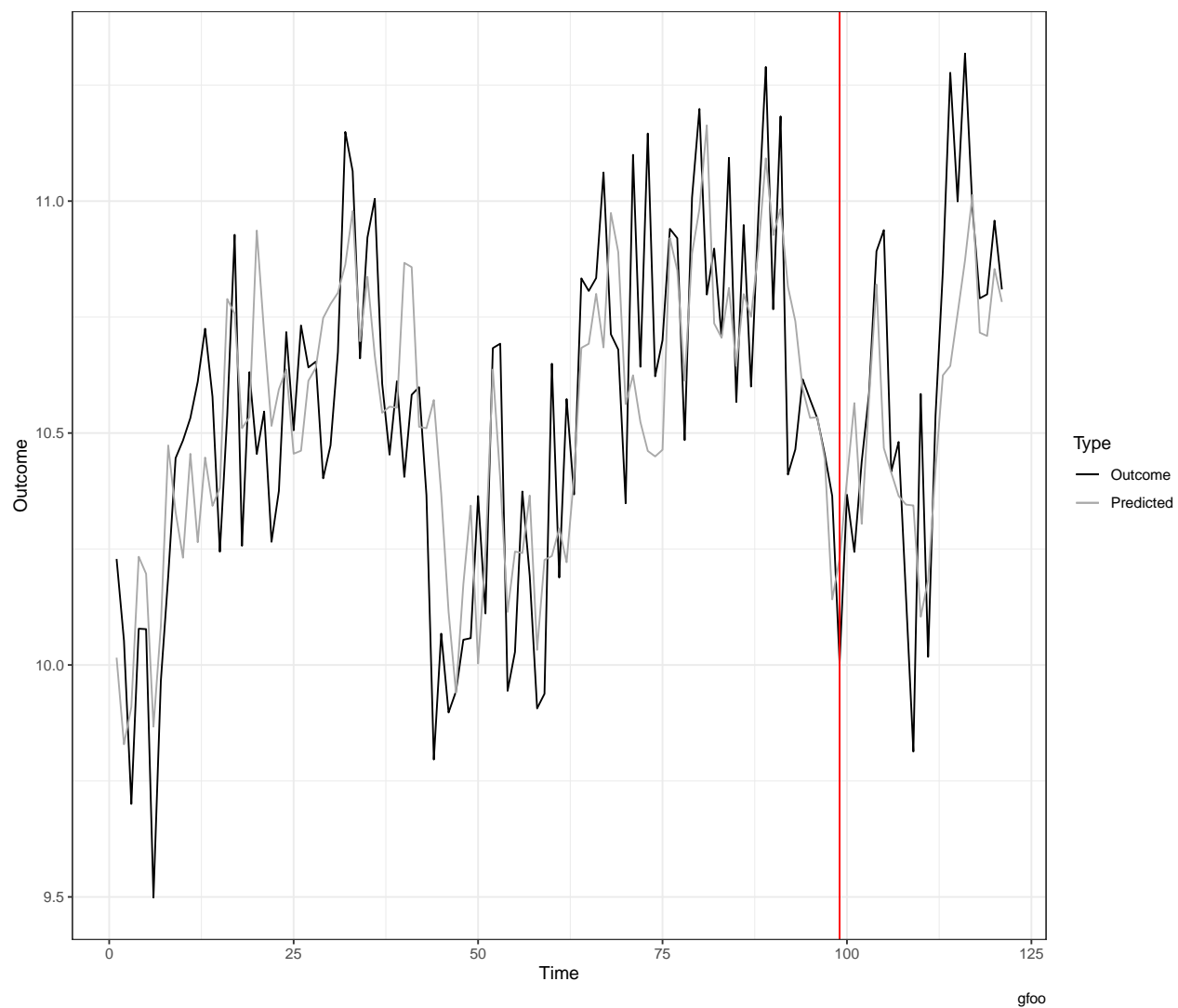
Counterfactual vs Outcome Series  
ID= 94



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

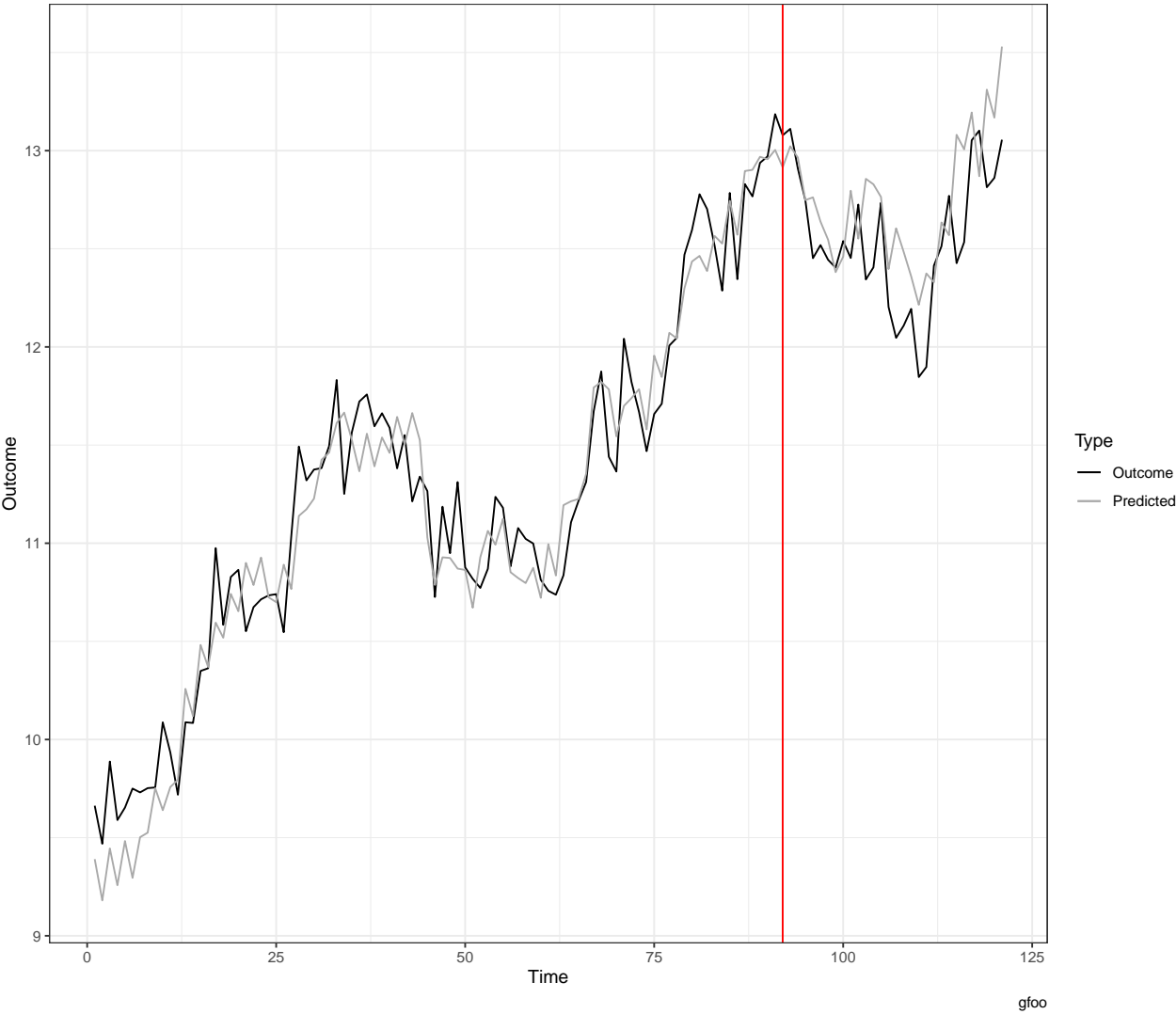
# Counterfactual vs Outcome Series

ID= 65



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

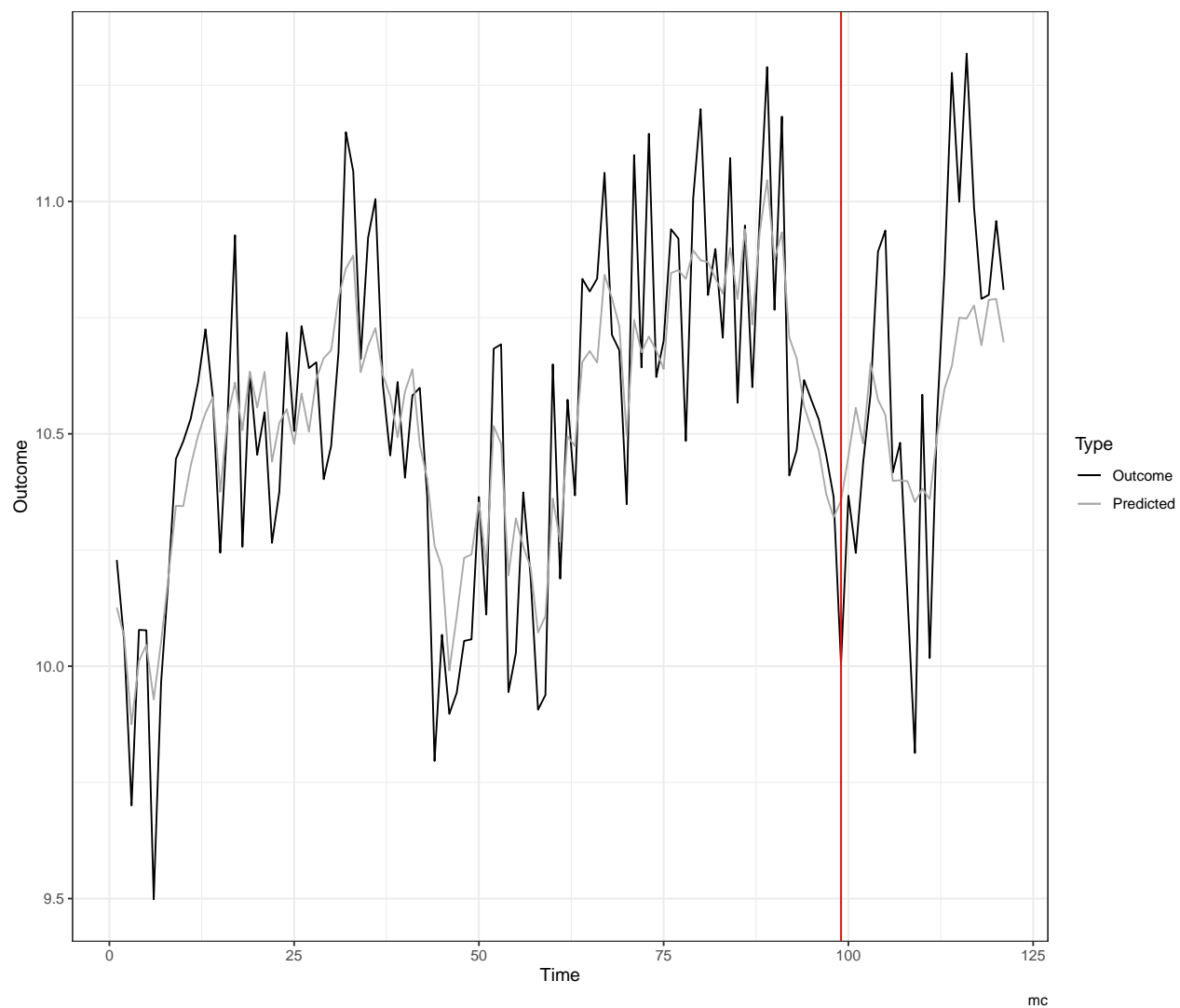
Counterfactual vs Outcome Series  
ID= 94



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

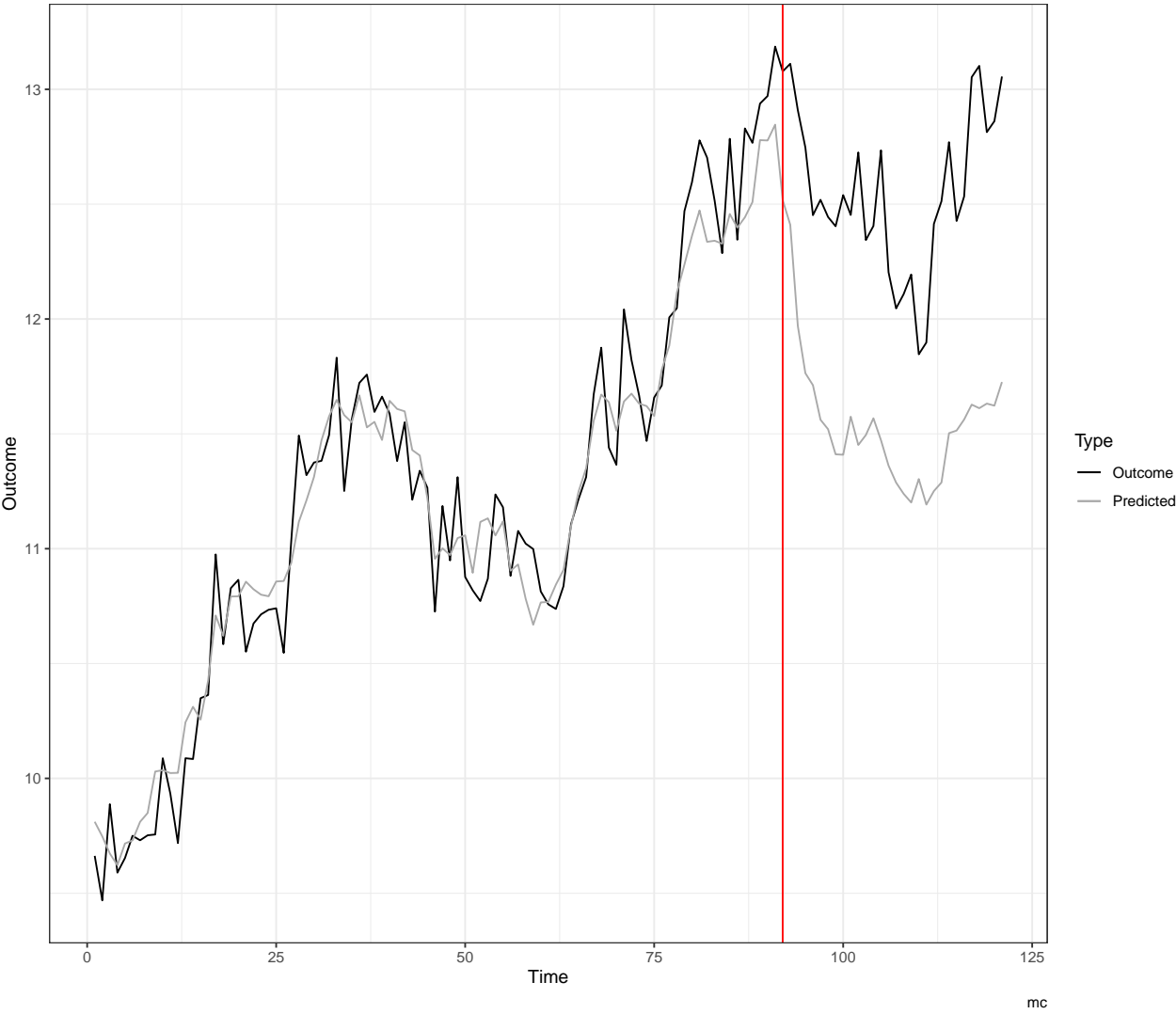
# Counterfactual vs Outcome Series

ID= 65



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

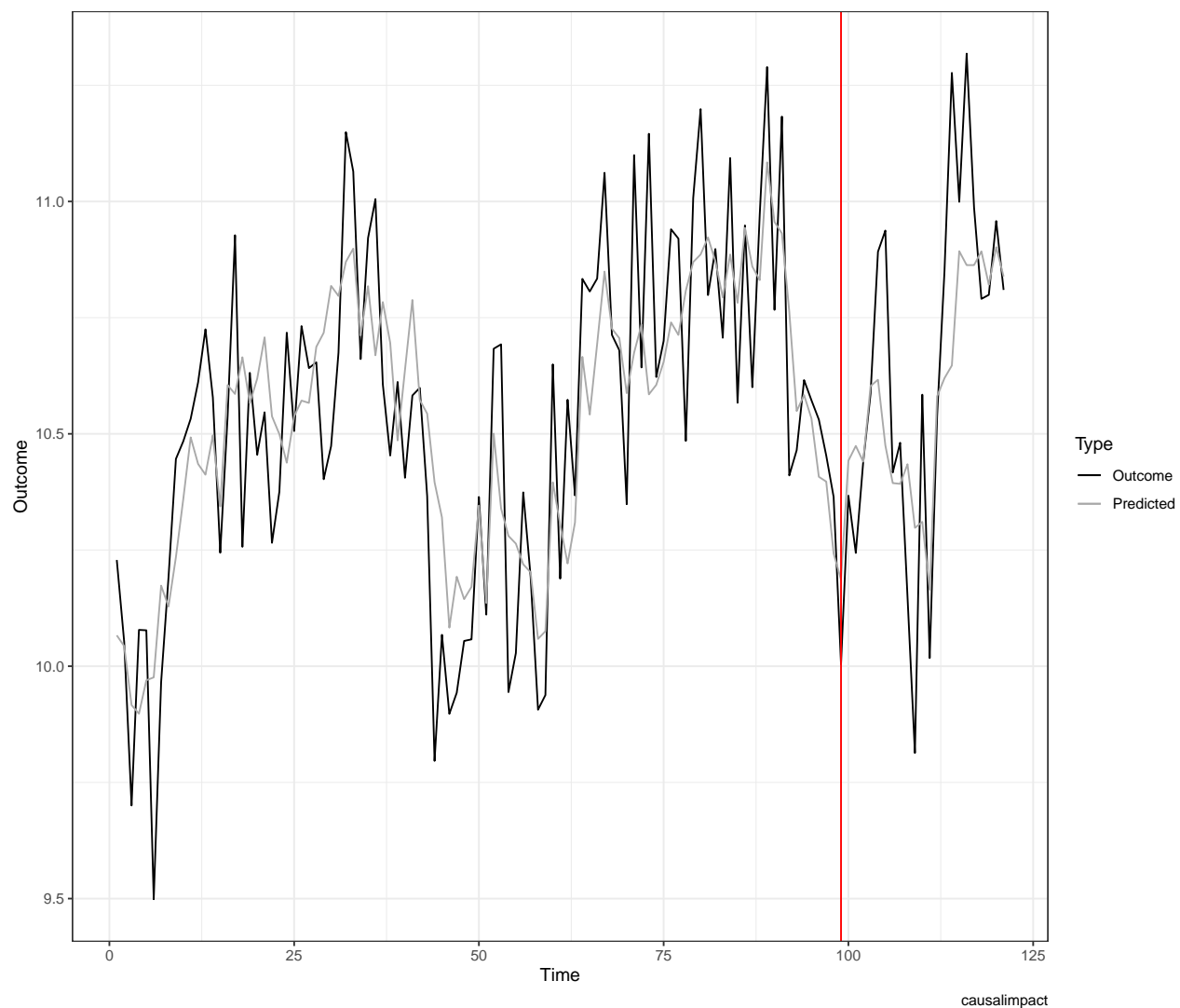
Counterfactual vs Outcome Series  
ID= 94



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

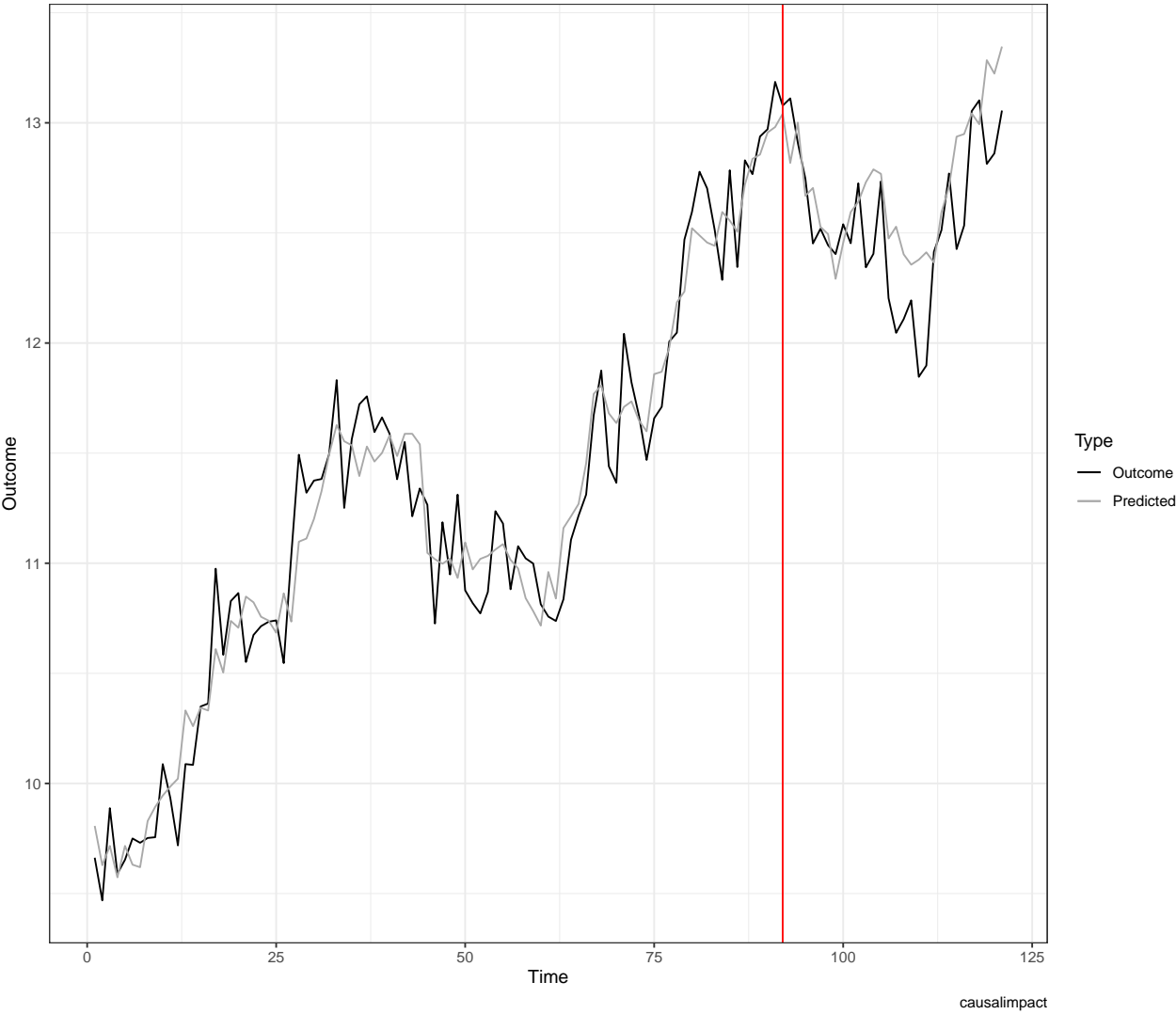
# Counterfactual vs Outcome Series

ID= 65



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

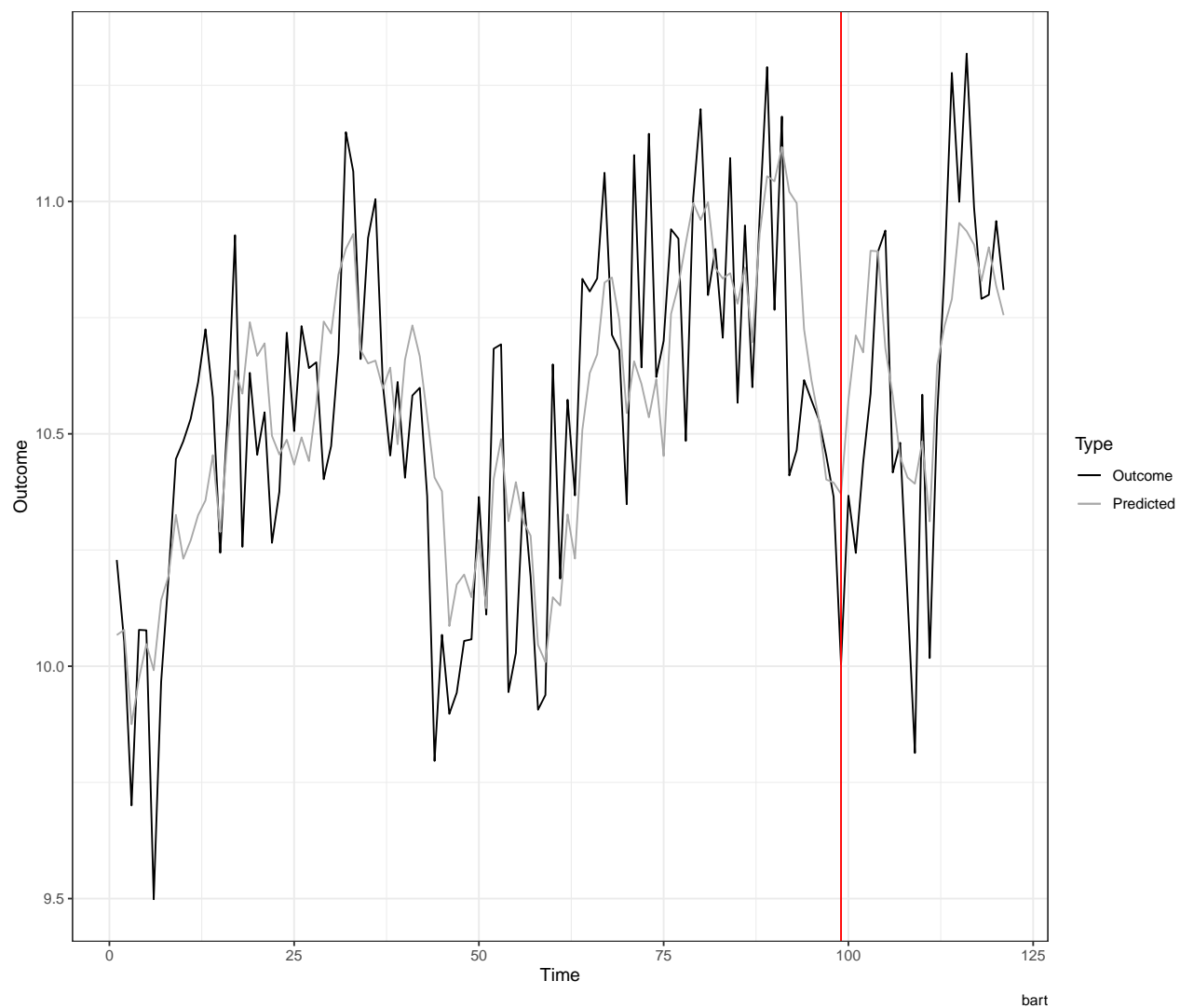
Counterfactual vs Outcome Series  
ID= 94



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

# Counterfactual vs Outcome Series

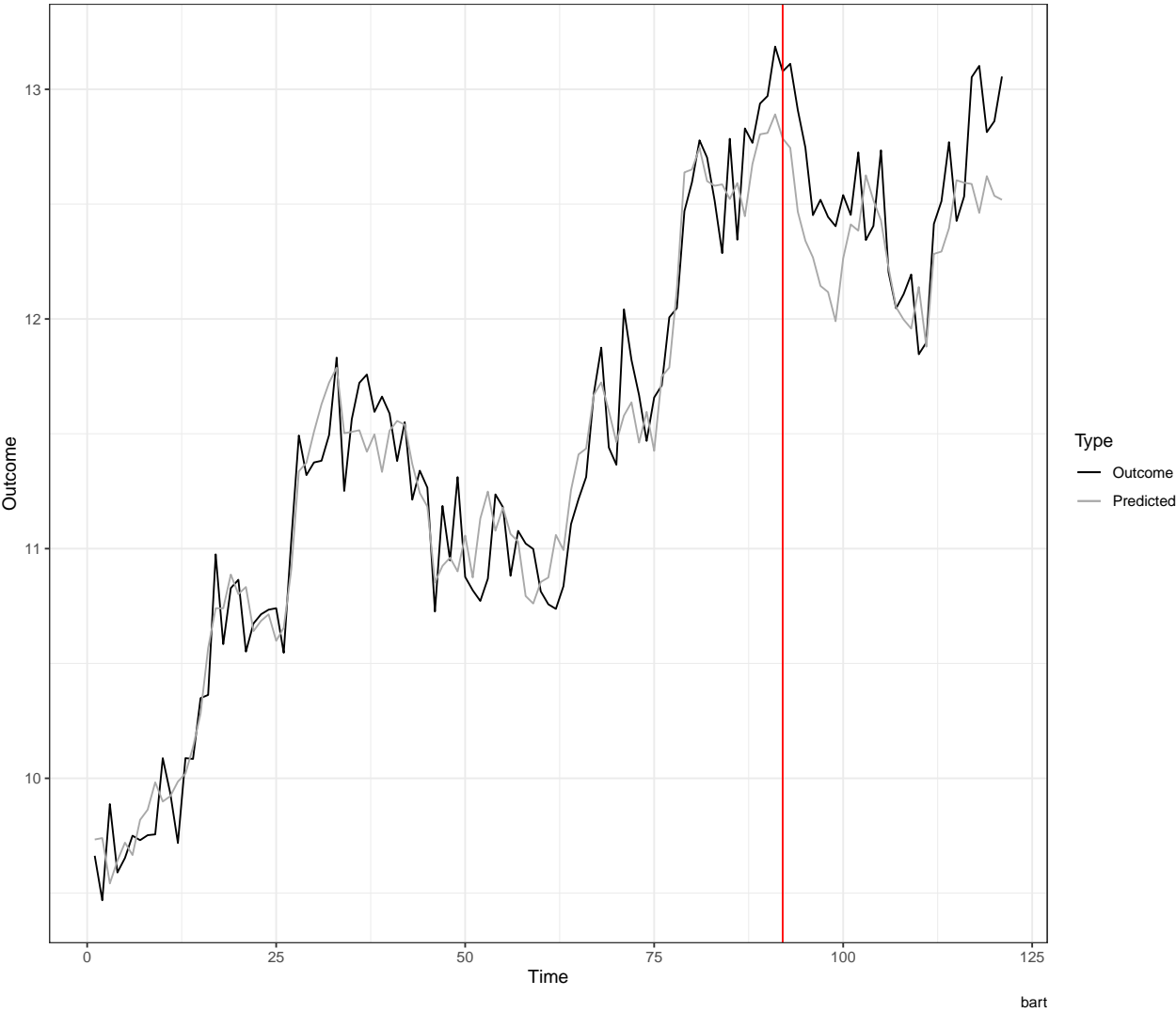
ID= 65



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



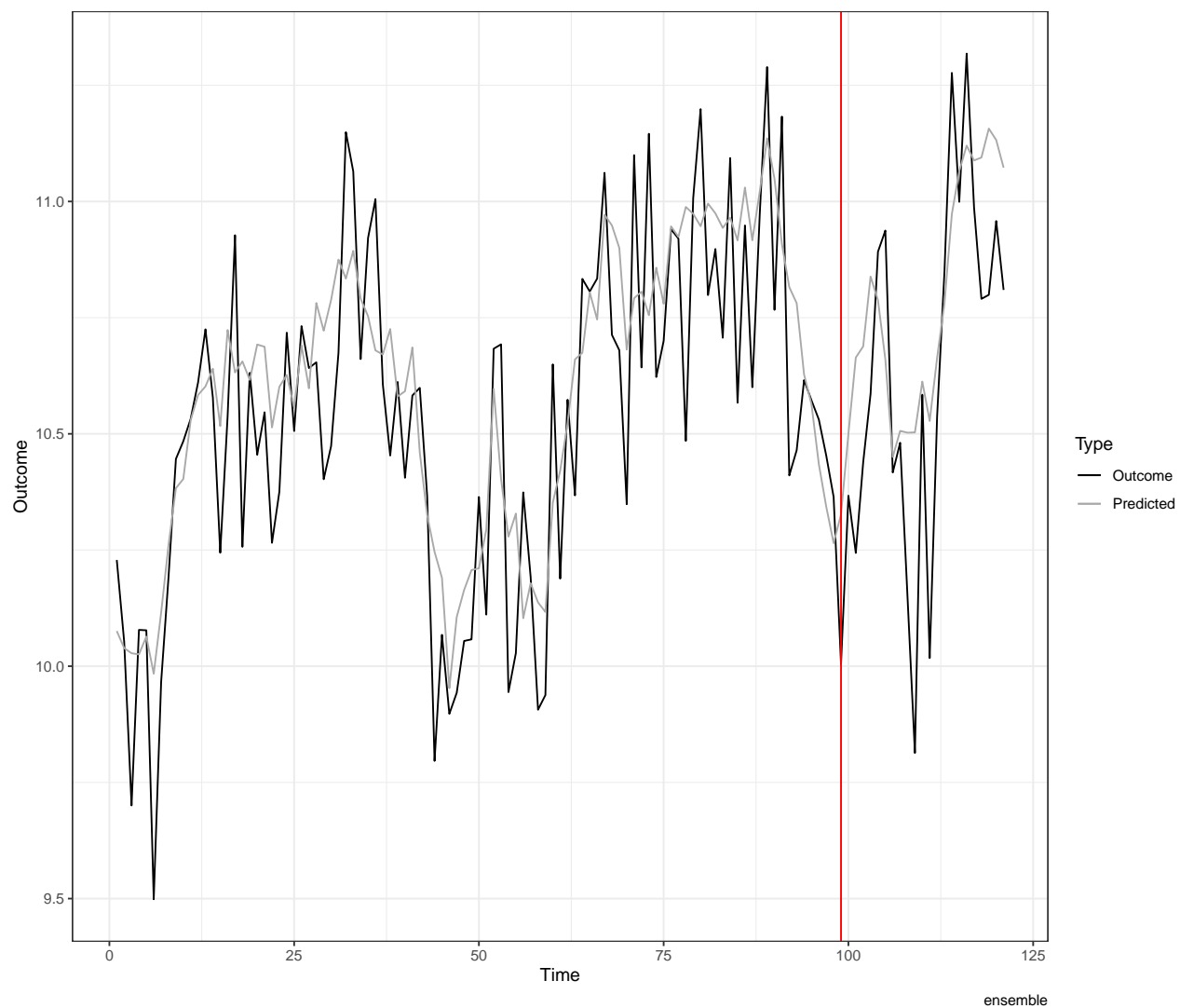
Counterfactual vs Outcome Series  
ID= 94



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

# Counterfactual vs Outcome Series

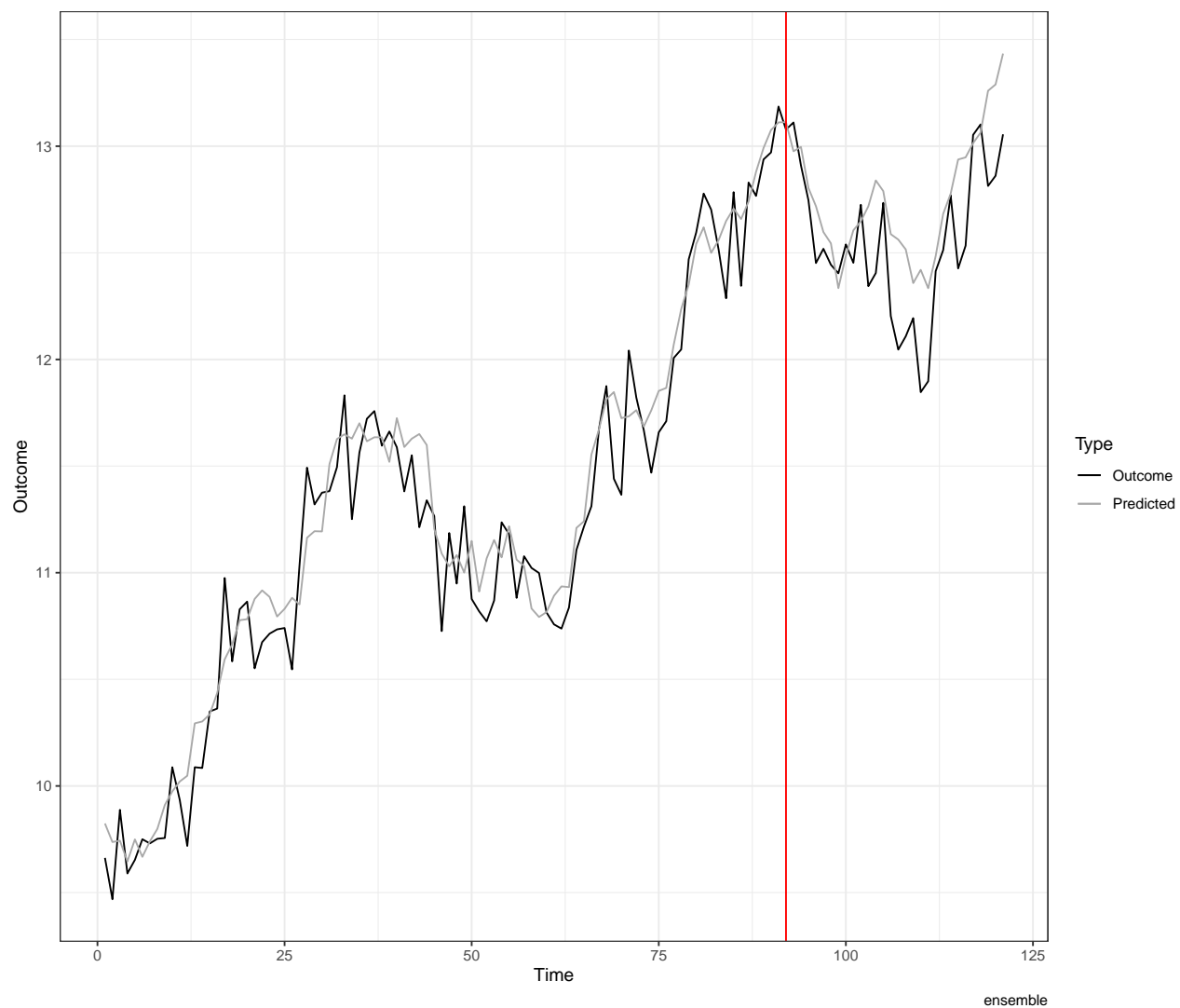
ID= 65



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

# Counterfactual vs Outcome Series

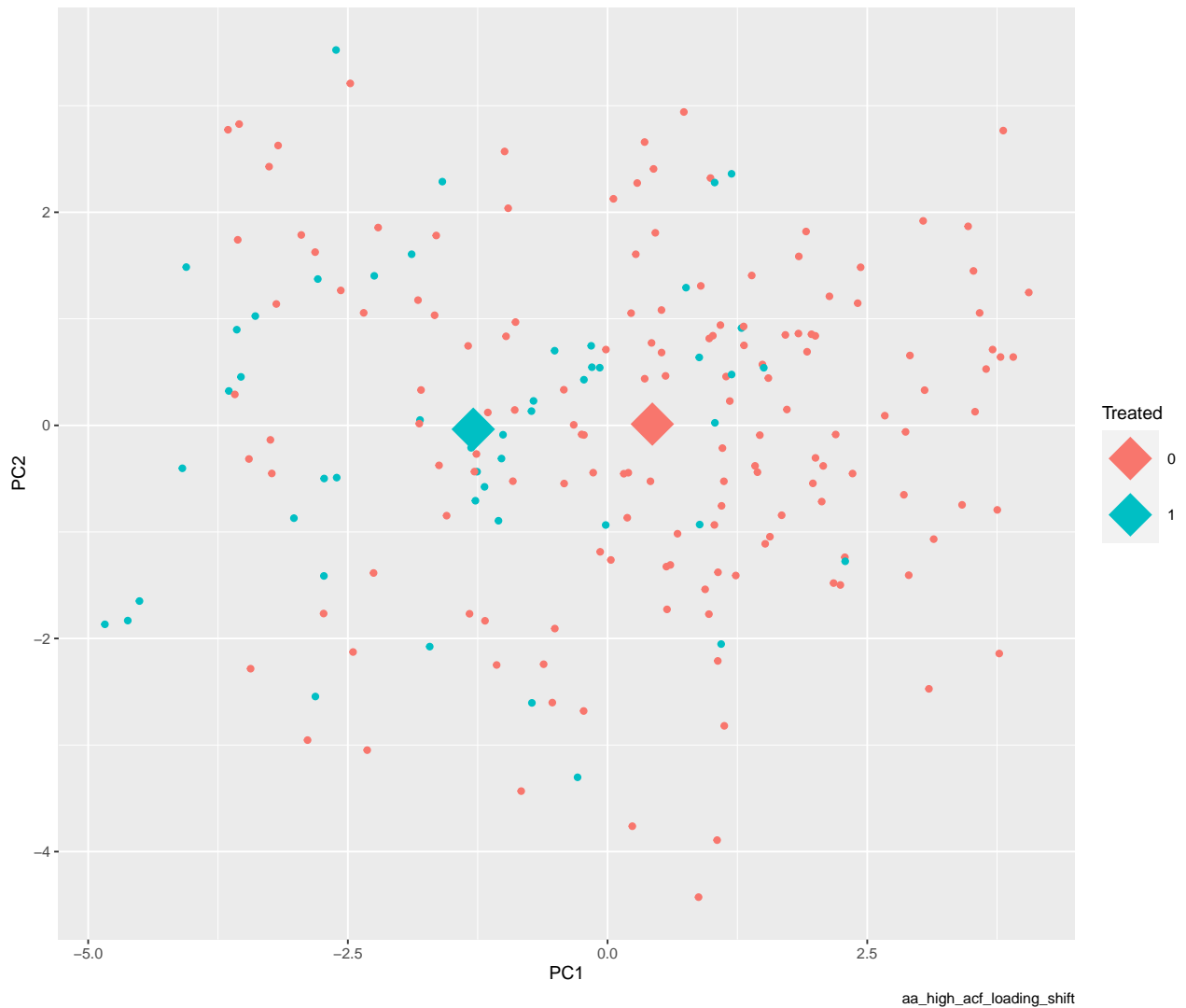
ID= 94



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

# Scatter Plot of First 2 PC by Treatment

Centroids have L2 dist: 2.974



```
## # 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    150   50     1.69  104.  9.41e- 2  1.06e- 1 ns
## 2 diff1_acf1   150   50    -2.82   79.0  6.08e- 3  7.82e- 3 **
## 3 diff2_acf1   150   50     1.18  92.1  2.40e- 1  2.40e- 1 ns
## 4 e_acf1       150   50    -3.99  85.0  1.41e- 4  3.17e- 4 ***
## 5 entropy      150   50     3.70  73.5  4.20e- 4  7.56e- 4 ***
## 6 linearity     150   50    -2.83  79.3  5.97e- 3  7.82e- 3 **
## 7 spike        150   50     7.03  174.  4.57e-11  4.11e-10 ****
## 8 trend        150   50    -5.72  101.  1.10e- 7  3.30e- 7 ****
## 9 x_acf1       150   50    -5.85  101.  6.21e- 8  2.79e- 7 ****
```

## Metrics by Method

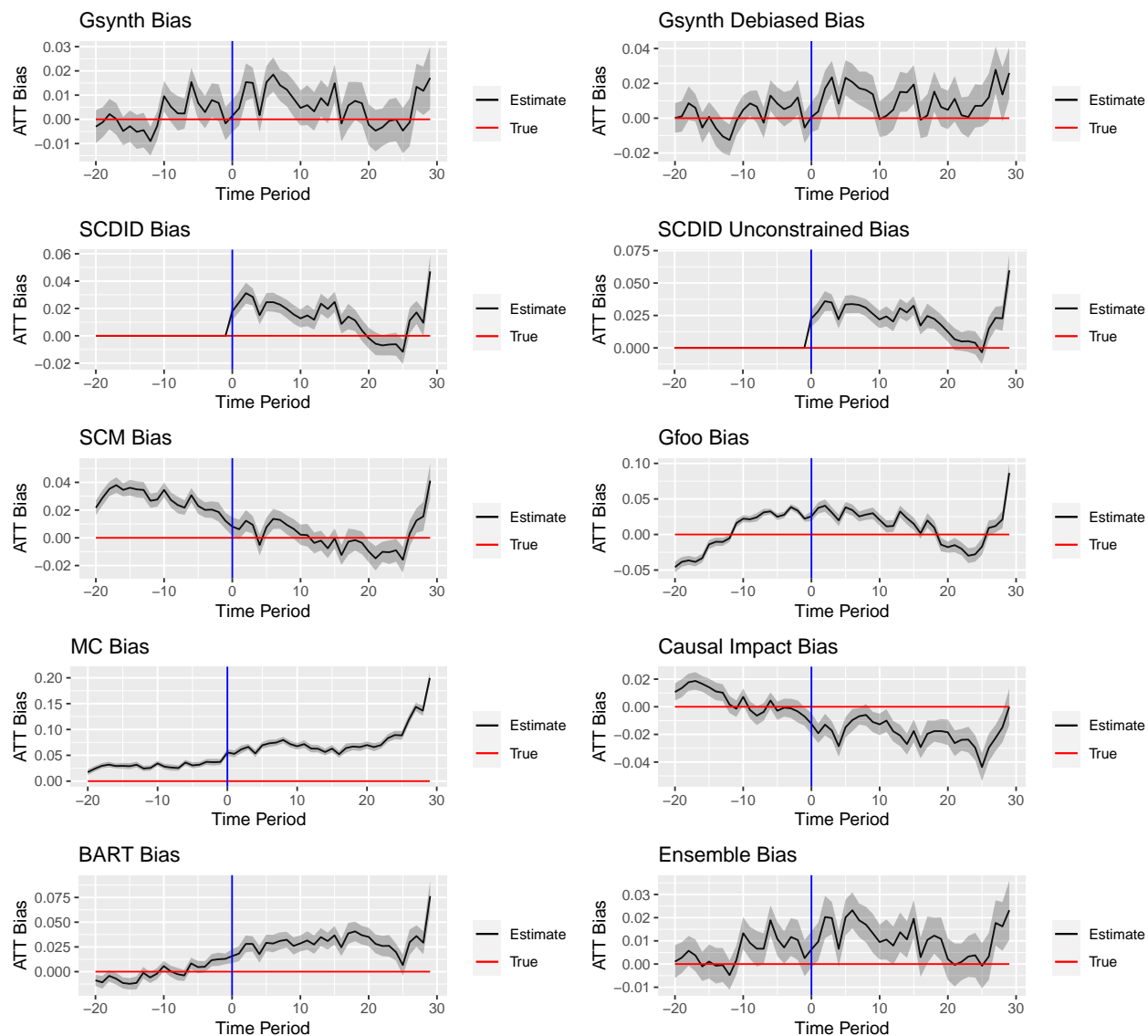
aa\_high\_acf\_loading\_shift

Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	ensemble
coverage										

1	0.840	0.760	0.880	0.747	0.600	0.960	0.000	0.947	0.747	0.680
2	0.840	0.760	0.947	0.920	0.653	0.893	0.000	0.947	0.813	0.760
3	0.920	0.760	0.987	0.947	0.787	0.933	0.000	0.960	0.827	0.680
4	0.760	0.867	0.947	0.907	0.613	0.920	0.000	0.947	0.747	0.773
rmse										
0	0.035	0.044	0.049	0.048	0.067	0.034	0.204	0.039	0.056	0.067
1	0.047	0.052	0.054	0.055	0.070	0.042	0.241	0.043	0.074	0.062
2	0.047	0.053	0.040	0.043	0.063	0.054	0.270	0.036	0.068	0.059
3	0.041	0.055	0.030	0.036	0.056	0.057	0.273	0.032	0.065	0.065
4	0.055	0.046	0.036	0.044	0.067	0.060	0.286	0.038	0.073	0.052
bias										
0	0.021	−0.022	0.040	0.039	0.059	−0.001	0.202	0.022	0.049	−0.056
1	0.032	−0.009	0.041	0.043	0.062	−0.014	0.238	0.027	0.063	−0.046
2	0.033	−0.019	0.025	0.031	0.055	−0.031	0.268	0.013	0.060	−0.045
3	0.026	−0.031	0.010	0.021	0.046	−0.040	0.272	0.001	0.055	−0.052
4	0.046	−0.011	0.020	0.033	0.060	−0.042	0.285	0.019	0.065	−0.032

Notes:

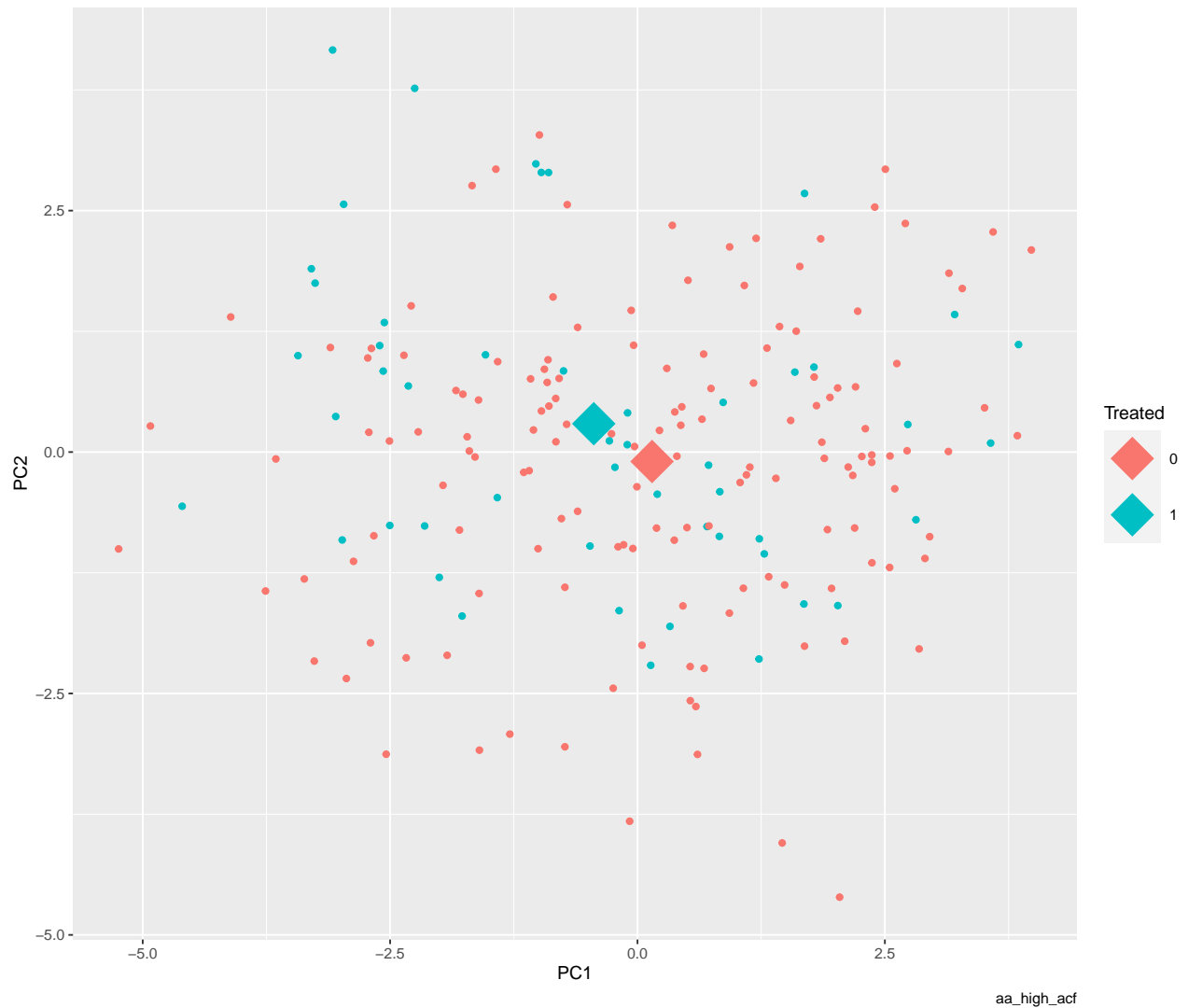
## [1] "aa\_high\_acf"



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

Scatter Plot of First 2 PC by Treatment

Centroids have L2 dist: 0.4999



```
## # 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    150    50     1.81  83.1  0.0736  0.194 ns
## 2 diff1_acf1   150    50     0.719  94.3  0.474   0.533 ns
## 3 diff2_acf1   150    50     1.53  95.1  0.129   0.194 ns
## 4 e_acf1       150    50     0.540  80.0  0.59    0.59 ns
## 5 entropy      150    50     1.75  73.3  0.0837  0.194 ns
## 6 linearity    150    50    -0.921  66.3  0.361   0.464 ns
## 7 spike        150    50     1.85  87.6  0.0682  0.194 ns
## 8 trend        150    50    -1.61  76.3  0.111   0.194 ns
## 9 x_acf1       150    50    -1.73  78.5  0.0874  0.194 ns
```

Metrics by Method

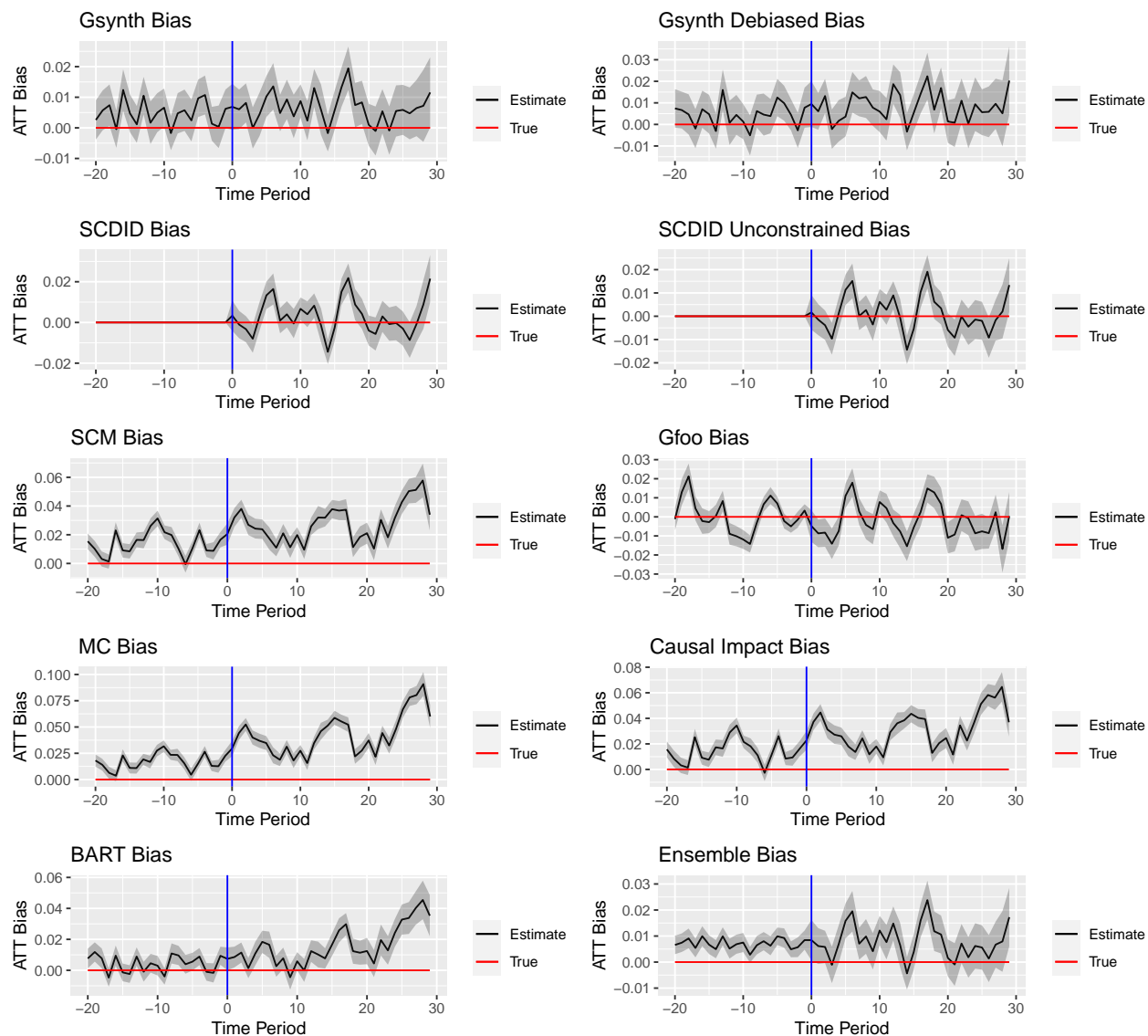
	aa_high_acf									
Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	ensemble
coverage										

1	0.933	0.840	0.907	0.880	0.947	0.853	0.827	0.920	0.920	0.920
2	0.920	0.773	0.907	0.867	0.947	0.853	0.800	0.947	0.880	0.893
3	0.960	0.800	0.947	0.893	0.987	0.907	0.853	0.920	0.867	0.907
4	0.973	0.840	0.987	0.960	0.973	0.960	0.880	0.853	0.933	0.933
rmse										
0	0.029	0.038	0.033	0.036	0.030	0.040	0.062	0.036	0.034	0.034
1	0.031	0.045	0.039	0.042	0.031	0.050	0.060	0.036	0.038	0.037
2	0.037	0.048	0.045	0.049	0.035	0.056	0.069	0.036	0.046	0.044
3	0.031	0.047	0.039	0.044	0.029	0.045	0.071	0.034	0.044	0.036
4	0.031	0.042	0.033	0.037	0.034	0.040	0.062	0.044	0.041	0.034
bias										
0	0.001	0.001	0.018	0.023	0.008	0.026	0.055	−0.012	0.016	0.006
1	0.005	0.004	0.025	0.028	0.006	0.037	0.053	−0.019	0.018	0.010
2	0.015	0.017	0.031	0.036	0.012	0.041	0.062	−0.013	0.028	0.020
3	0.015	0.023	0.028	0.035	0.009	0.031	0.066	−0.017	0.028	0.020
4	0.002	0.008	0.015	0.022	−0.005	0.020	0.054	−0.028	0.018	0.007

Notes:

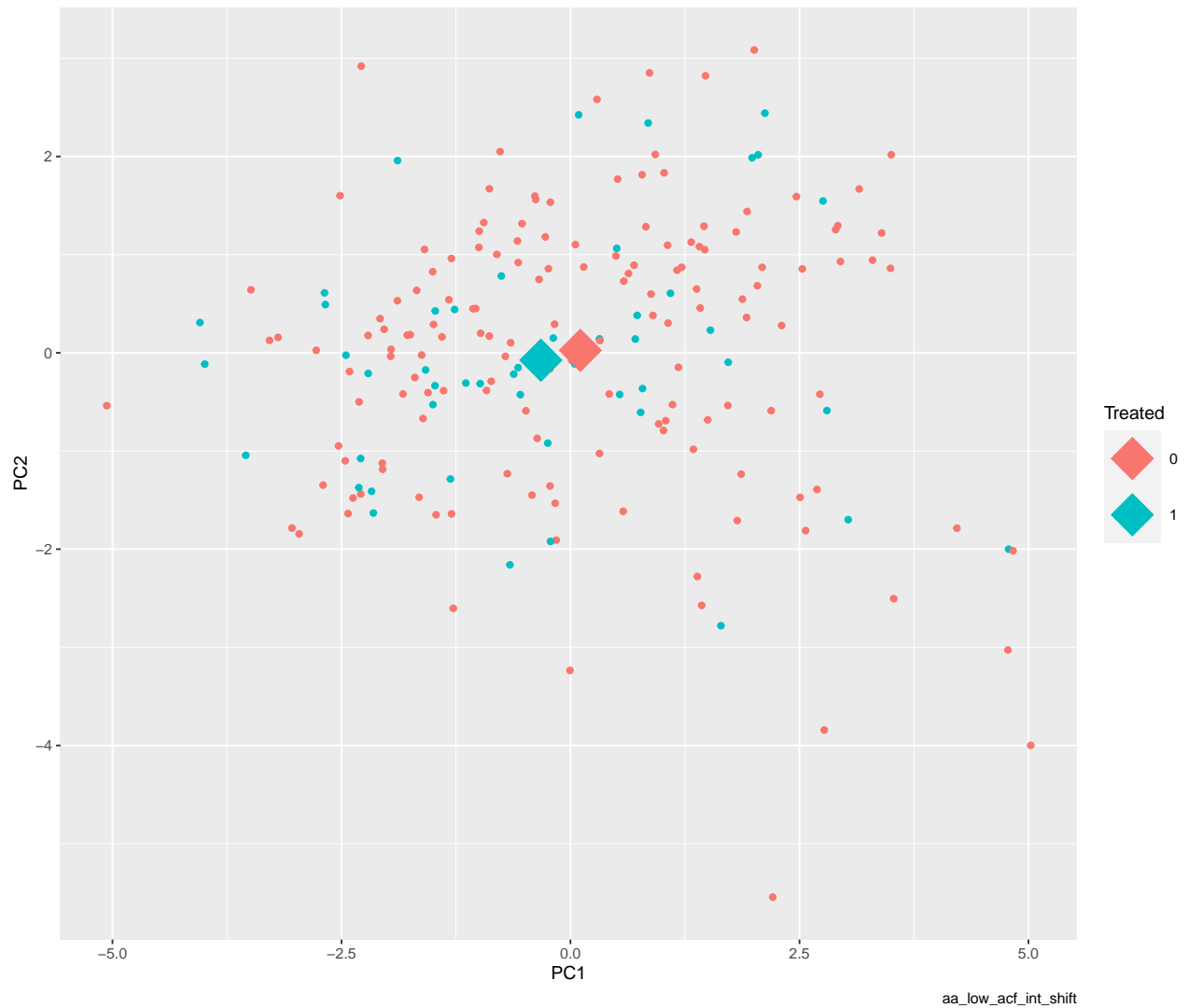
## [1] "aa\_low\_acf\_int\_shift"





```
## `summarise()` ungrouping output (override with `.groups` argument)
```

Scatter Plot of First 2 PC by Treatment  
Centroids have L2 dist: 0.1958



```
## # 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    150   50    -1.86   90.7  0.0656  0.346    ns
## 2 diff1_acf1    150   50     1.44   86.5  0.154   0.346    ns
## 3 diff2_acf1    150   50     0.848  88.2  0.399   0.598    ns
## 4 e_acf1        150   50     1.54   82.5  0.128   0.346    ns
## 5 entropy       150   50    -1.07   83.2  0.290   0.522    ns
## 6 linearity     150   50     0.105  90.9  0.916   0.916    ns
## 7 spike        150   50     0.379  90.7  0.705   0.793    ns
## 8 trend        150   50     0.455 102.   0.65    0.793    ns
## 9 x_acf1        150   50     1.46   87.0  0.147   0.346    ns
```

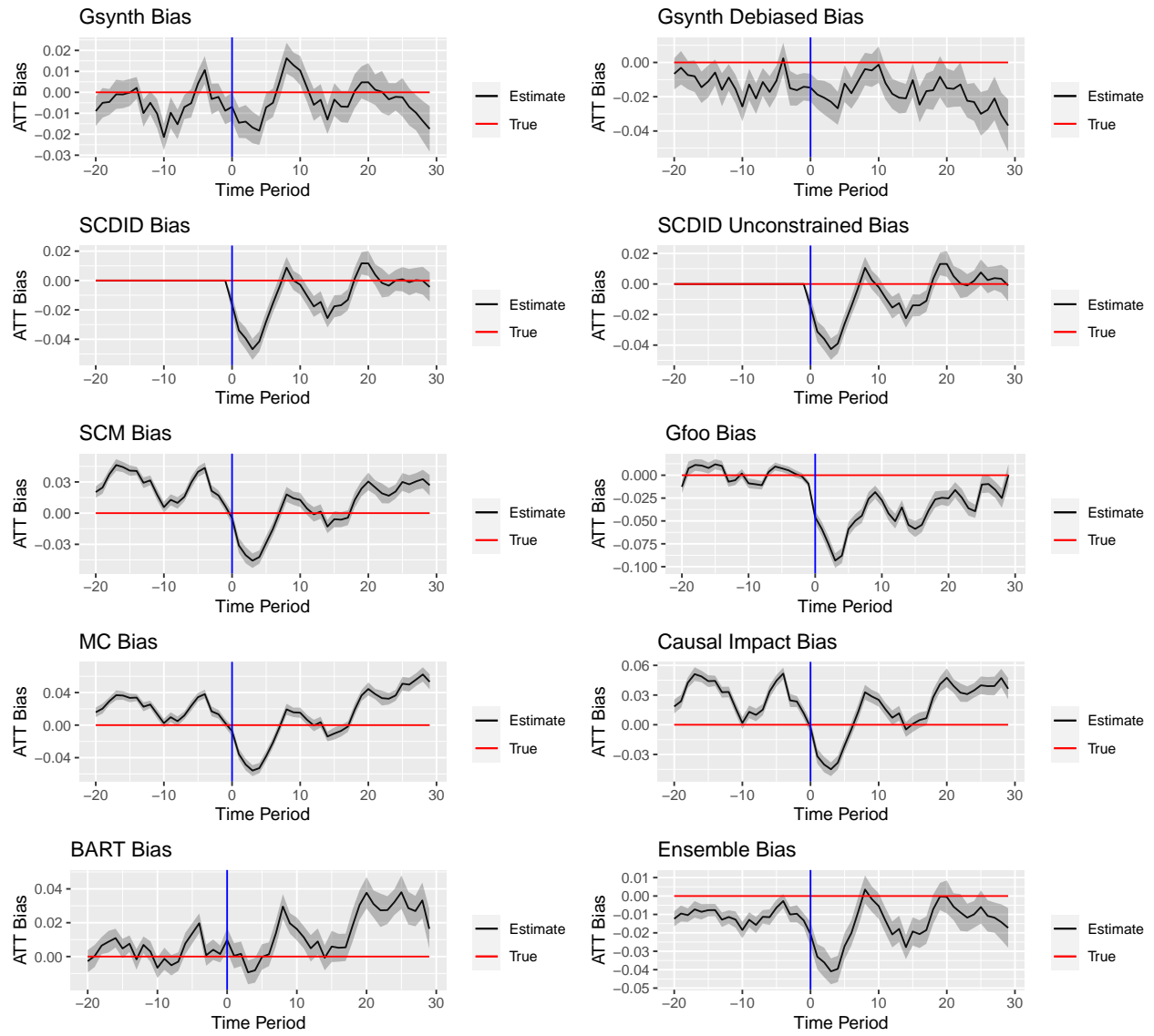
#### Metrics by Method

aa_low_acf_int_shift										
Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	ensemble
coverage										

1	0.973	0.880	0.960	0.960	0.827	0.960	0.667	0.720	0.973	0.94
2	0.947	0.867	0.960	0.947	0.773	0.947	0.640	0.680	0.947	0.94
3	0.947	0.853	0.947	0.933	0.827	0.920	0.760	0.840	0.960	0.94
4	0.920	0.840	0.920	0.920	0.840	0.960	0.773	0.827	0.907	0.90
rmse										
0	0.033	0.047	0.032	0.032	0.038	0.036	0.043	0.039	0.033	0.03
1	0.029	0.037	0.029	0.029	0.043	0.032	0.052	0.047	0.030	0.03
2	0.029	0.037	0.028	0.028	0.047	0.033	0.059	0.053	0.030	0.02
3	0.029	0.039	0.031	0.031	0.041	0.037	0.049	0.043	0.028	0.03
4	0.031	0.042	0.030	0.030	0.038	0.034	0.047	0.042	0.035	0.03
bias										
0	0.007	0.009	0.003	0.002	0.021	−0.005	0.029	0.023	0.007	0.00
1	0.006	0.006	−0.001	−0.001	0.032	−0.009	0.044	0.037	0.009	0.00
2	0.008	0.013	−0.003	−0.004	0.038	−0.008	0.052	0.045	0.011	0.00
3	−0.000	−0.002	−0.008	−0.010	0.027	−0.014	0.040	0.031	0.001	−0.00
4	0.004	0.002	0.003	0.001	0.024	−0.007	0.037	0.027	0.011	0.00

Notes:

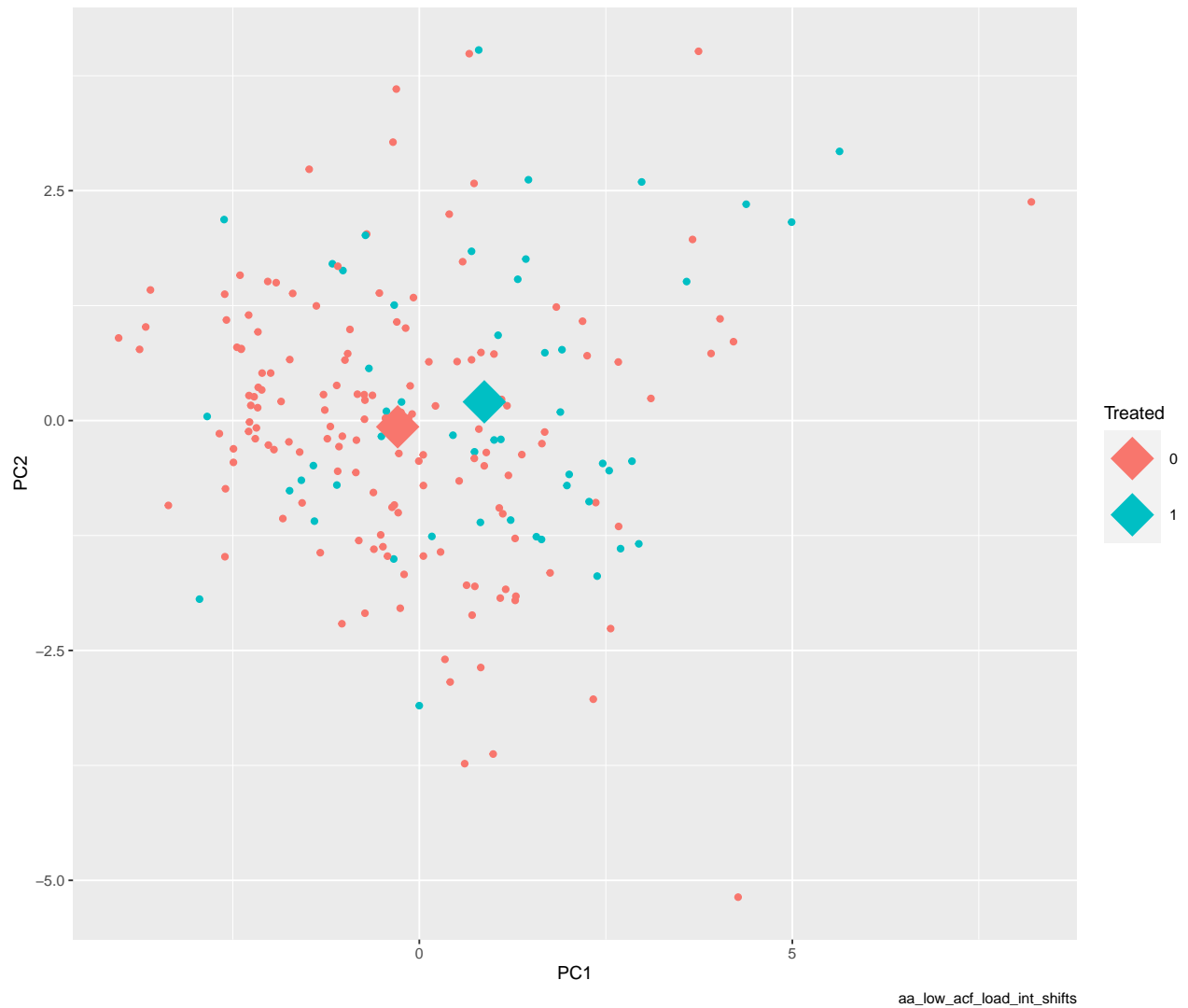
```
## [1] "aa_low_acf_load_int_shifts"
```



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

# Scatter Plot of First 2 PC by Treatment

Centroids have L2 dist: 1.4222



```
## # 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    150   50      1.93  81.0 0.0577   0.0915    ns
## 2 diff1_acf1   150   50     -1.90  90.0 0.0601   0.0915    ns
## 3 diff2_acf1   150   50     -1.37  80.4 0.174    0.189     ns
## 4 e_acf1       150   50     -1.32 111. 0.189    0.189     ns
## 5 entropy      150   50      1.90  82.1 0.061    0.0915    ns
## 6 linearity     150   50     -1.35 114. 0.179    0.189     ns
## 7 spike        150   50      2.99  82.2 0.00373  0.0112    *
## 8 trend        150   50     -3.76  69.6 0.000348 0.00157   **
## 9 x_acf1       150   50     -3.80  77.2 0.000289 0.00157   **
```

## Metrics by Method

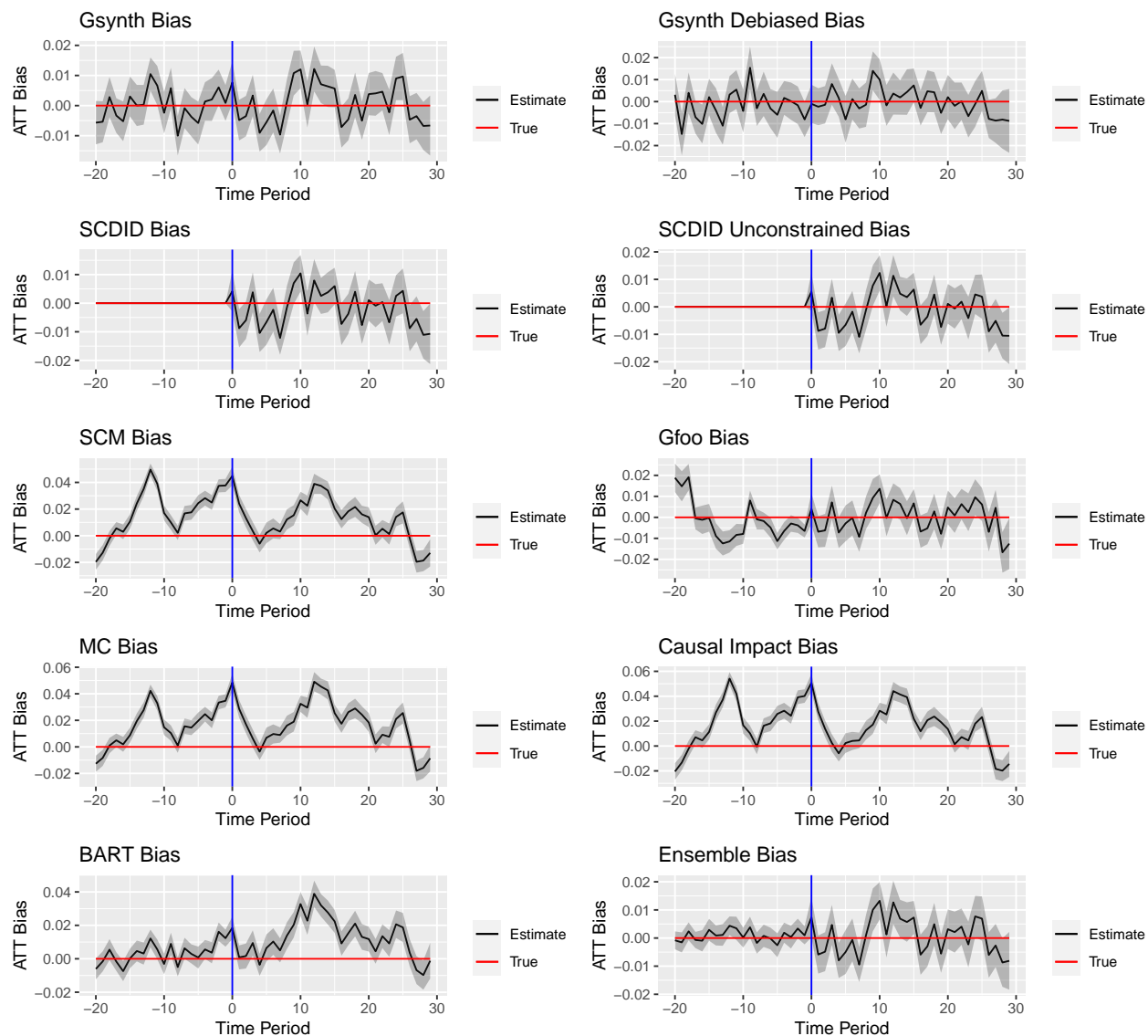
aa\_low\_acf\_load\_int\_shifts

Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	en
coverage										

1	0.920	0.840	0.840	0.867	0.827	0.653	0.840	0.840	0.880
2	0.893	0.747	0.760	0.773	0.773	0.507	0.680	0.787	0.960
3	0.880	0.760	0.667	0.707	0.707	0.320	0.587	0.680	0.933
4	0.933	0.760	0.733	0.800	0.813	0.400	0.613	0.827	0.973
rmse									
0	0.030	0.038	0.032	0.031	0.028	0.054	0.029	0.027	0.032
1	0.034	0.041	0.045	0.043	0.044	0.068	0.046	0.045	0.032
2	0.037	0.047	0.051	0.048	0.053	0.083	0.058	0.053	0.031
3	0.036	0.050	0.056	0.052	0.055	0.100	0.063	0.054	0.032
4	0.035	0.049	0.051	0.048	0.051	0.095	0.060	0.049	0.033
bias									
0	−0.007	−0.015	−0.016	−0.015	−0.005	−0.046	−0.007	−0.003	0.010
1	−0.015	−0.019	−0.034	−0.031	−0.031	−0.059	−0.036	−0.032	0.000
2	−0.014	−0.021	−0.039	−0.036	−0.040	−0.075	−0.048	−0.040	0.002
3	−0.017	−0.023	−0.047	−0.043	−0.046	−0.093	−0.056	−0.045	−0.009
4	−0.018	−0.027	−0.041	−0.039	−0.042	−0.088	−0.053	−0.038	−0.008

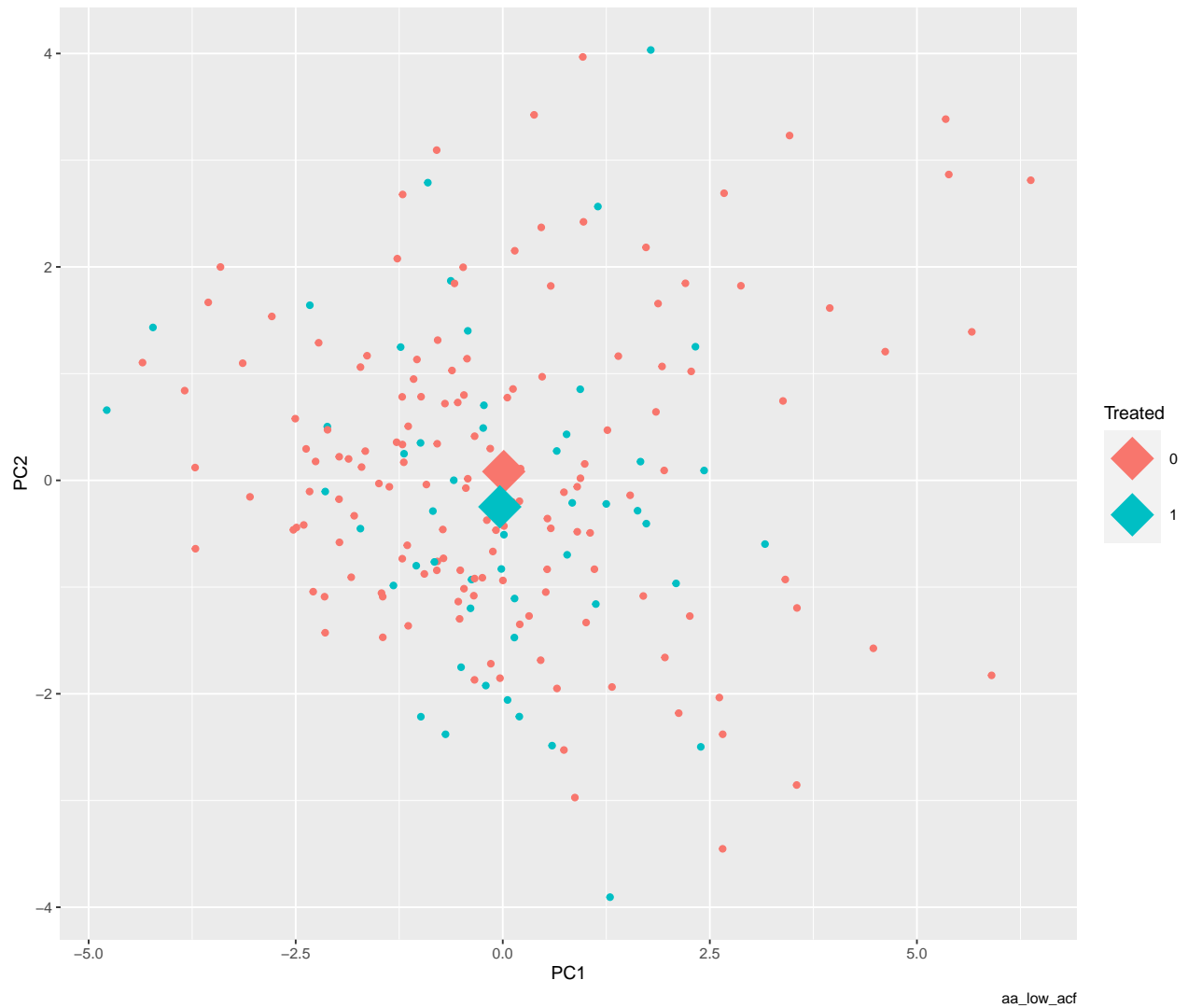
Notes:

## [1] "aa\_low\_acf"



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

Scatter Plot of First 2 PC by Treatment  
Centroids have L2 dist: 0.1114



```
## # 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    150    50   -2.03   84.8 0.0456 0.383    ns
## 2 diff1_acf1   150    50  -0.0552  90.7 0.956 0.956    ns
## 3 diff2_acf1   150    50  -0.421   84.8 0.675 0.956    ns
## 4 e_acf1       150    50   -1.17   83.2 0.246 0.554    ns
## 5 entropy      150    50    0.724   92.5 0.471 0.848    ns
## 6 linearity     150    50    1.52   95.4 0.133 0.399    ns
## 7 spike        150    50   -0.188   82.7 0.852 0.956    ns
## 8 trend        150    50    1.74  102. 0.0851 0.383    ns
## 9 x_acf1       150    50    0.0606  98.5 0.952 0.956    ns
```

### Metrics by Method

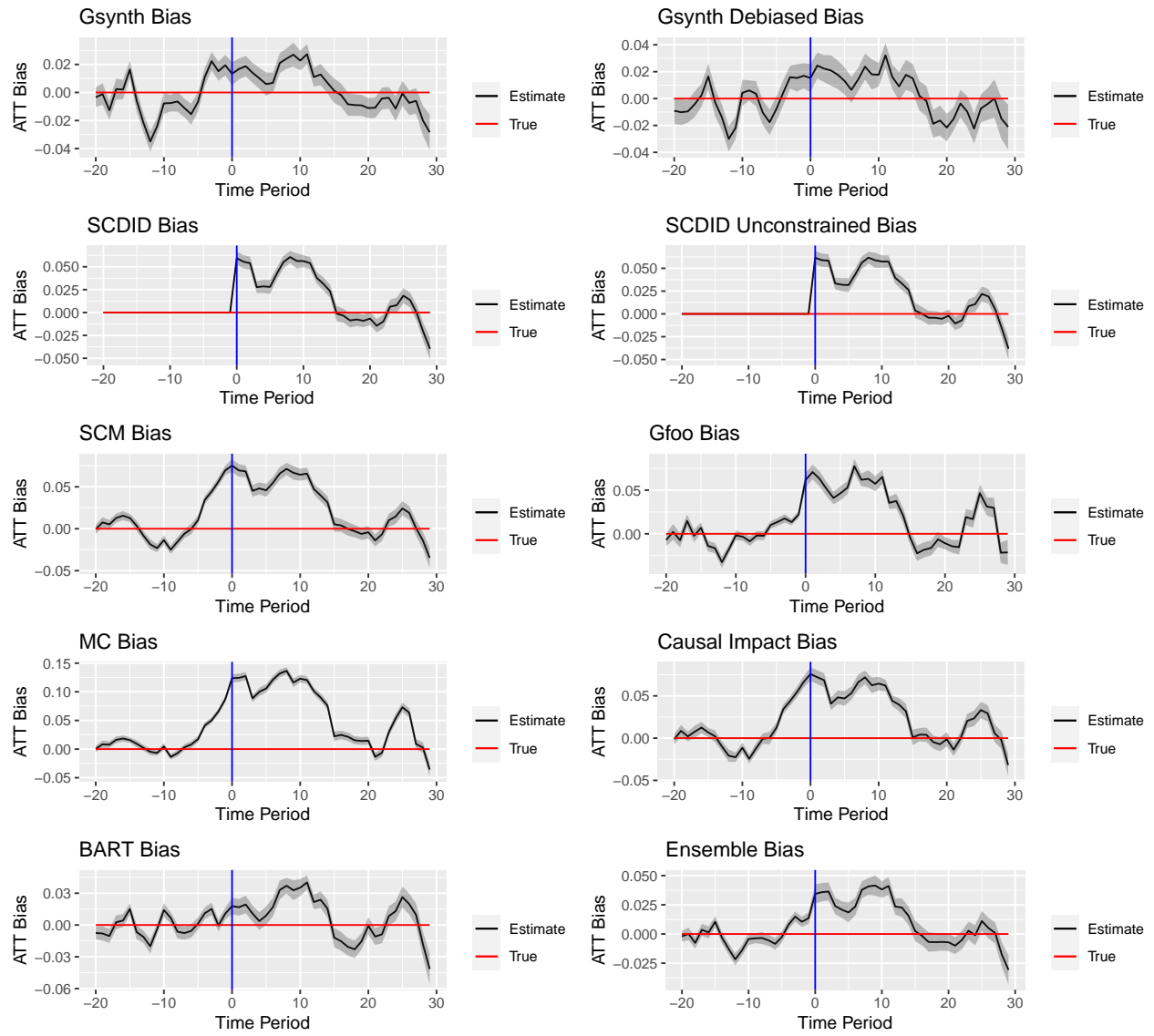
	aa_low_acf									
Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	en
coverage										



1	0.933	0.880	0.920	0.933	0.867	0.947	0.867	0.867	0.907
2	0.947	0.907	0.960	0.933	0.933	0.933	0.907	0.947	0.920
3	0.933	0.893	0.933	0.933	0.947	0.933	0.933	0.920	0.920
4	0.973	0.907	0.933	0.973	0.973	0.973	0.973	0.987	0.960
rmse									
0	0.031	0.038	0.031	0.031	0.054	0.033	0.056	0.060	0.034
1	0.029	0.036	0.030	0.031	0.037	0.033	0.040	0.041	0.031
2	0.029	0.037	0.029	0.030	0.032	0.034	0.034	0.032	0.032
3	0.030	0.041	0.030	0.030	0.030	0.035	0.030	0.030	0.034
4	0.028	0.037	0.031	0.030	0.029	0.033	0.027	0.029	0.029
bias									
0	0.008	−0.001	0.004	0.006	0.045	0.004	0.048	0.051	0.019
1	−0.005	−0.002	−0.009	−0.009	0.024	−0.007	0.029	0.028	0.001
2	−0.003	−0.001	−0.006	−0.008	0.013	−0.006	0.017	0.014	0.002
3	0.003	0.008	0.004	0.003	0.003	0.007	0.006	0.002	0.009
4	−0.009	0.002	−0.010	−0.009	−0.006	−0.007	−0.004	−0.006	−0.004

Notes:

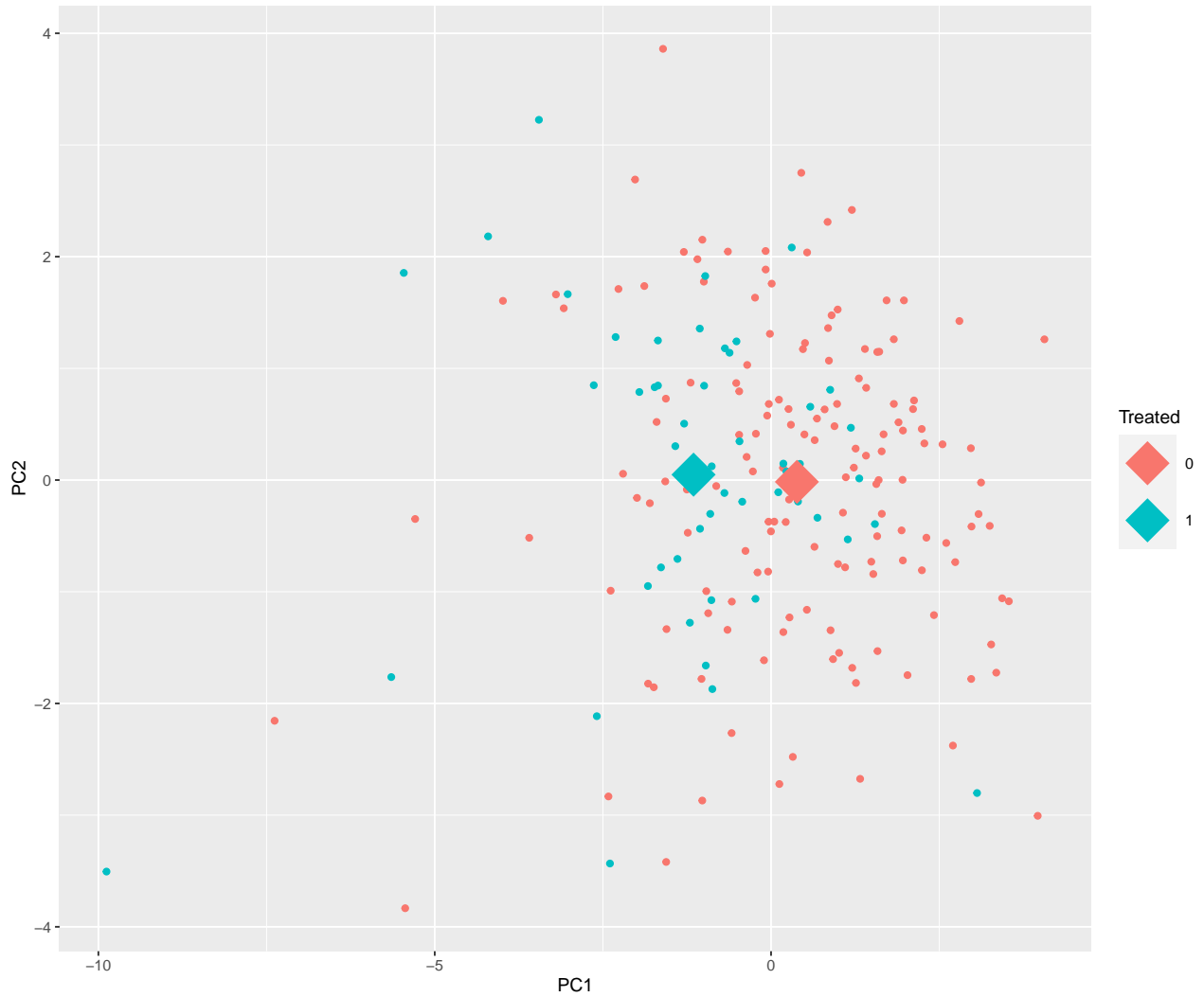
```
## [1] "aa_noisy_factors_load_shift_lowacf"
```



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

# Scatter Plot of First 2 PC by Treatment

Centroids have L2 dist: 2.3646



```
## # 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    150   50     0.454 114.   0.651     0.651     ns
## 2 diff1_acf1    150   50    -3.70  79.4 0.000393  0.00118    **
## 3 diff2_acf1    150   50    -1.67  90.7 0.0991    0.111     ns
## 4 e_acf1        150   50    -4.78  85.4 0.00000733 0.0000330 ****
## 5 entropy       150   50     2.87  63.6 0.00557    0.0100     *
## 6 linearity     150   50    -1.96  81.6 0.0529    0.0680     ns
## 7 spike         150   50     3.26  96.9 0.00155    0.00349    **
## 8 trend         150   50    -2.77  73.8 0.00701    0.0105     *
## 9 x_acf1        150   50    -4.87  81.7 0.00000533 0.0000330 ****
```

## Metrics by Method

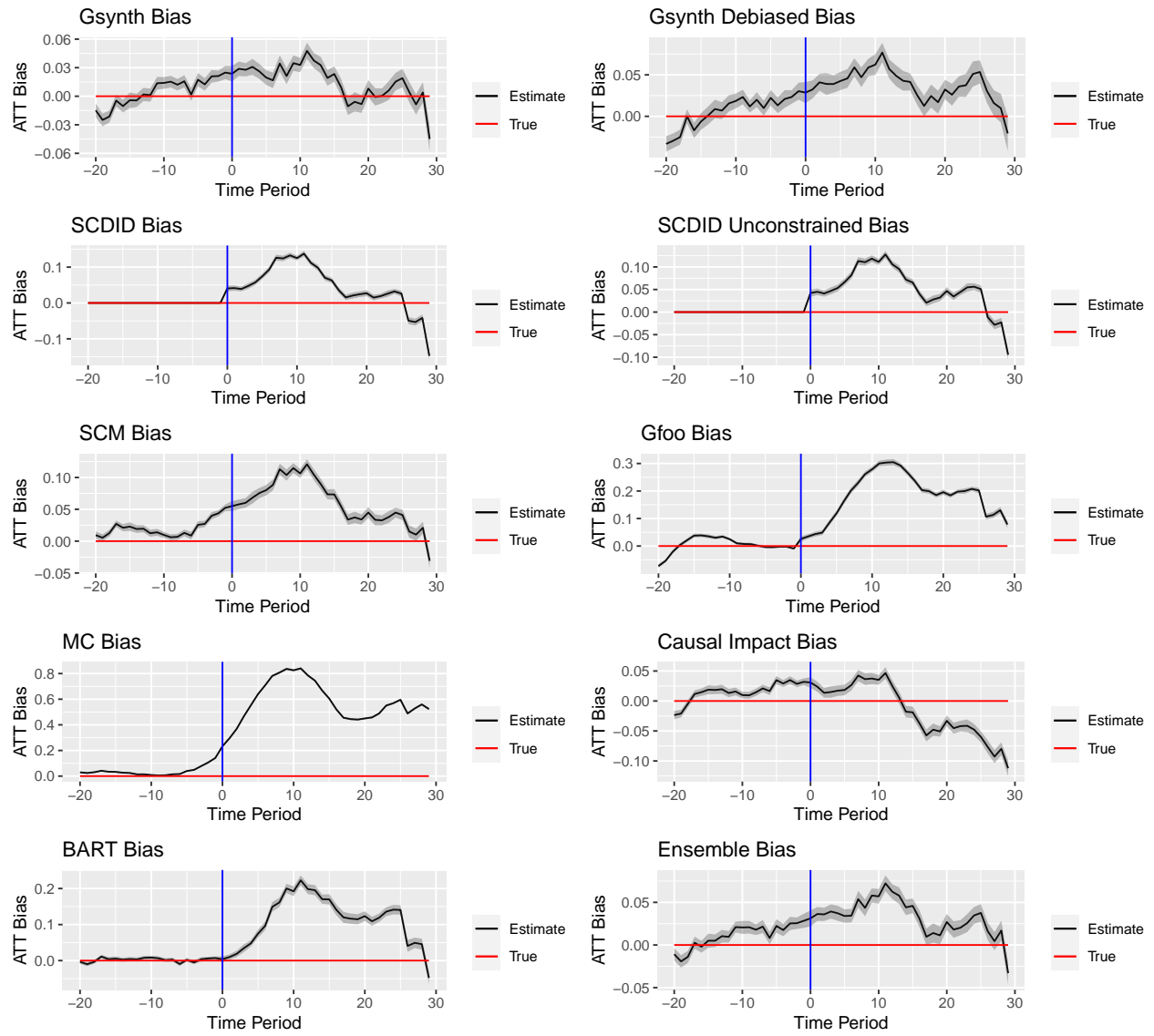
aa\_noisy\_factors\_load\_shift\_lowacf

Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	ensemble
coverage										

1	0.933	0.867	0.800	0.760	0.560	0.640	0.093	0.600	0.920	0.867
2	0.960	0.853	0.800	0.680	0.560	0.613	0.080	0.560	0.920	0.867
3	0.947	0.813	0.933	0.920	0.853	0.787	0.427	0.840	0.987	0.933
4	0.987	0.867	0.987	0.947	0.813	0.907	0.293	0.867	0.933	0.973
rmse										
0	0.038	0.048	0.067	0.069	0.082	0.071	0.128	0.083	0.037	0.049
1	0.036	0.048	0.064	0.067	0.077	0.080	0.128	0.080	0.038	0.049
2	0.037	0.049	0.062	0.066	0.075	0.073	0.131	0.077	0.041	0.049
3	0.034	0.053	0.039	0.043	0.054	0.062	0.093	0.052	0.034	0.039
4	0.034	0.049	0.042	0.045	0.057	0.052	0.104	0.059	0.036	0.037
bias										
0	0.013	0.015	0.059	0.062	0.075	0.062	0.124	0.076	0.018	0.034
1	0.017	0.025	0.056	0.059	0.069	0.071	0.124	0.072	0.017	0.036
2	0.019	0.022	0.054	0.058	0.068	0.063	0.127	0.069	0.019	0.036
3	0.014	0.021	0.028	0.033	0.045	0.051	0.089	0.041	0.011	0.024
4	0.010	0.018	0.029	0.032	0.048	0.041	0.100	0.048	0.004	0.021

Notes:

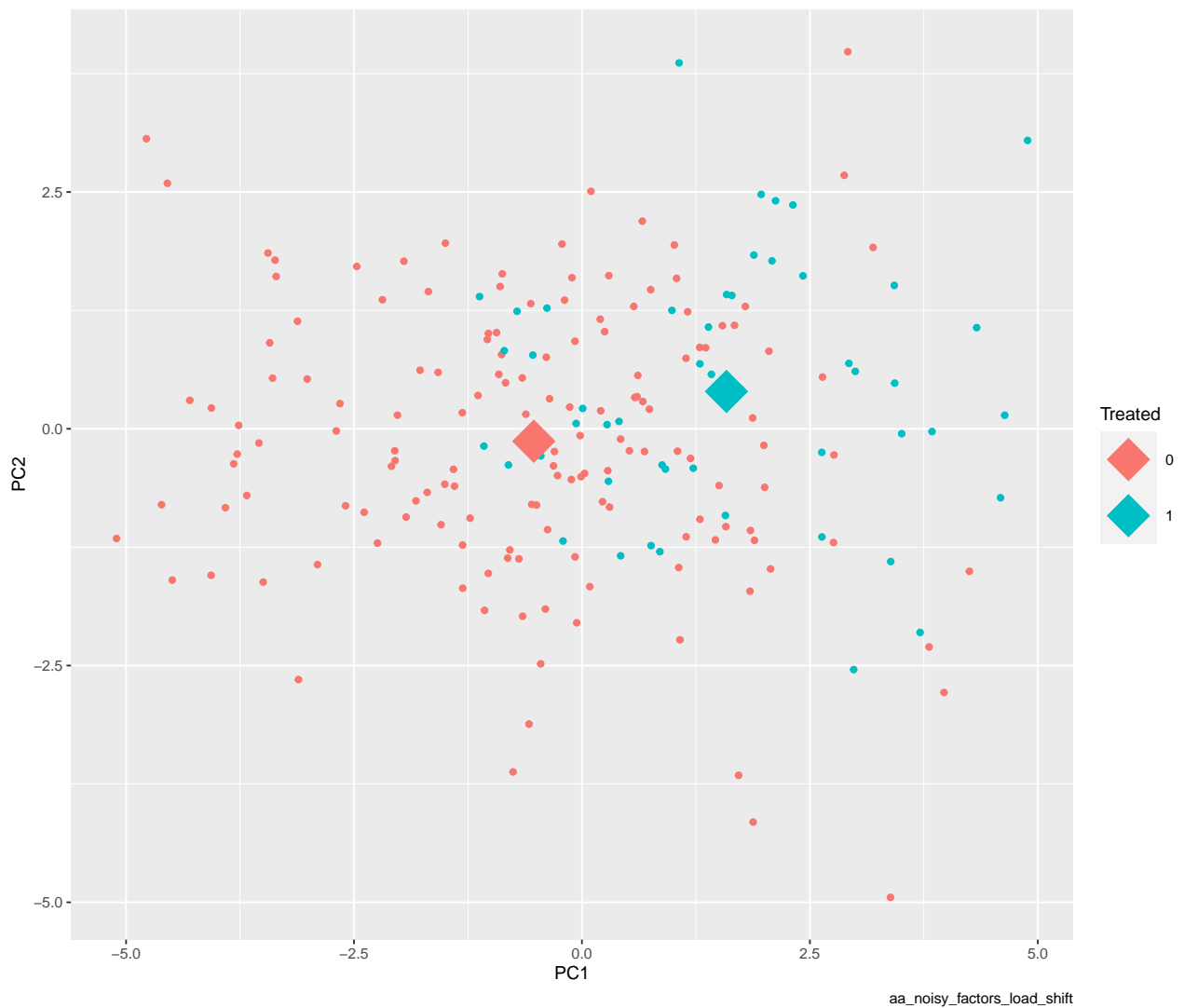
```
## [1] "aa_noisy_factors_load_shift"
```



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

# Scatter Plot of First 2 PC by Treatment

Centroids have L2 dist: 4.7413



```
## # 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    150   50    -0.830  72.2 4.09e- 1 4.09e- 1 ns
## 2 diff1_acf1   150   50    -6.37   73.9 1.45e- 8 2.61e- 8 ****
## 3 diff2_acf1   150   50    -1.51  101. 1.33e- 1 1.50e- 1 ns
## 4 e_acf1       150   50    -6.57   79.7 4.85e- 9 1.09e- 8 ****
## 5 entropy      150   50     4.40   81.3 3.28e- 5 4.92e- 5 ****
## 6 linearity     150   50    -2.54   80.2 1.29e- 2 1.66e- 2 *
## 7 spike        150   50     7.39  197. 4.16e-12 1.87e-11 ****
## 8 trend        150   50    -6.85  132. 2.56e-10 7.68e-10 ****
## 9 x_acf1       150   50    -7.79  140. 1.37e-12 1.23e-11 ****
```

## Metrics by Method

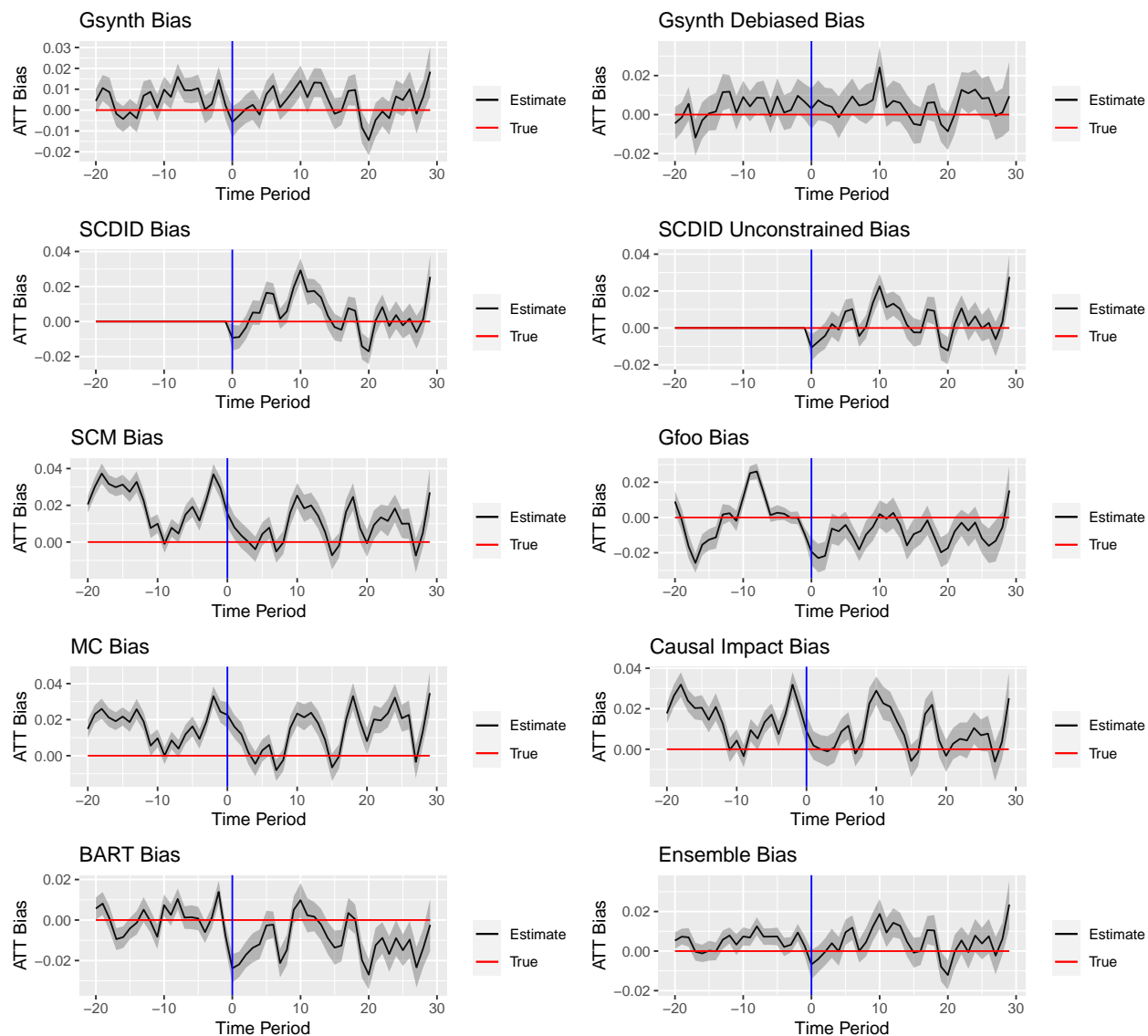
aa\_noisy\_factors\_load\_shift

Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	ensemble
coverage										

1	0.893	0.773	0.867	0.773	0.627	0.920	0.000	0.893	1.000	0.773
2	0.920	0.733	0.933	0.867	0.600	0.853	0.000	0.960	0.960	0.827
3	0.880	0.733	0.867	0.827	0.520	0.840	0.000	0.920	0.920	0.853
4	0.933	0.800	0.893	0.840	0.480	0.720	0.000	0.893	0.960	0.853
rmse										
0	0.042	0.062	0.054	0.055	0.065	0.048	0.235	0.049	0.036	0.051
1	0.044	0.057	0.052	0.055	0.066	0.051	0.298	0.044	0.033	0.051
2	0.041	0.060	0.048	0.051	0.068	0.057	0.370	0.037	0.042	0.049
3	0.048	0.069	0.058	0.058	0.079	0.062	0.467	0.043	0.058	0.054
4	0.043	0.060	0.065	0.062	0.083	0.095	0.554	0.042	0.061	0.053
bias										
0	0.024	0.029	0.041	0.042	0.055	0.026	0.233	0.031	0.004	0.031
1	0.029	0.032	0.042	0.045	0.058	0.035	0.296	0.024	0.010	0.036
2	0.028	0.041	0.039	0.041	0.060	0.043	0.369	0.014	0.019	0.036
3	0.031	0.039	0.047	0.047	0.068	0.049	0.466	0.015	0.034	0.039
4	0.026	0.039	0.057	0.053	0.075	0.085	0.553	0.017	0.048	0.037

Notes:

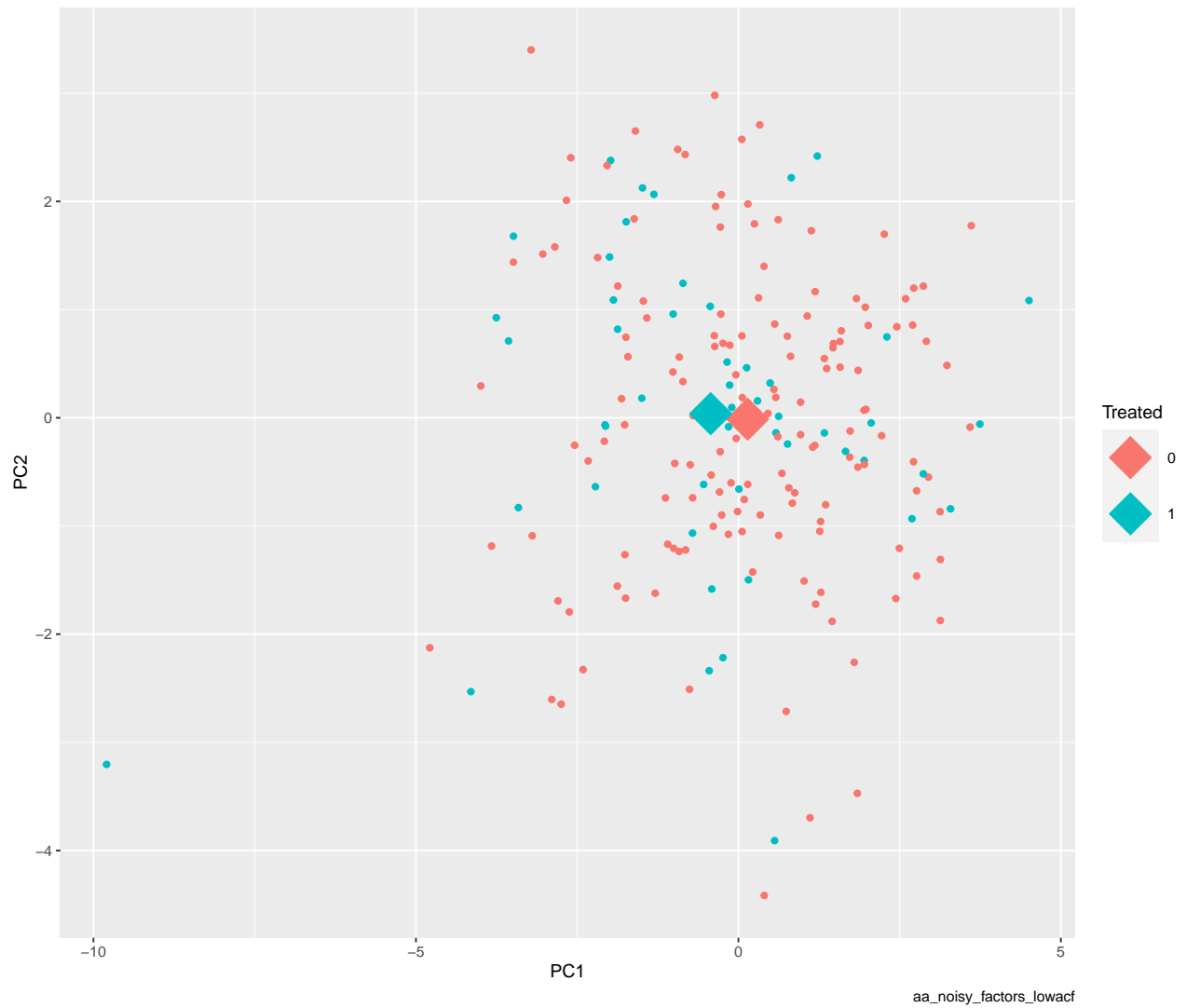
```
## [1] "aa_noisy_factors_lowacf"
```



```
## `summarise()` ungrouping output (override with `.groups` argument)
```



Scatter Plot of First 2 PC by Treatment  
Centroids have L2 dist: 0.3308



```
## # 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    150   50     0.783  76.3 0.436  0.507    ns
## 2 diff1_acf1   150   50    -1.56  75.9 0.122  0.440    ns
## 3 diff2_acf1   150   50    -1.11  83.2 0.269  0.440    ns
## 4 e_acf1       150   50    -1.23  79.5 0.222  0.440    ns
## 5 entropy      150   50     1.90  63.3 0.0625 0.440    ns
## 6 linearity    150   50     0.389  82.0 0.698  0.698    ns
## 7 spike       150   50     1.15  82.1 0.255  0.440    ns
## 8 trend       150   50    -0.758  71.4 0.451  0.507    ns
## 9 x_acf1      150   50    -1.06  71.3 0.293  0.440    ns
```

Metrics by Method										
aa_noisy_factors_lowacf										
Method	gsynth	gsynth_debiased	scdid	scdid_uncon	scm	gfoo	mc	causalimpact	bart	en
coverage										

1	0.960	0.840	0.960	0.973	0.973	0.920	0.973	0.960	0.947
2	0.973	0.893	0.987	0.973	0.960	0.893	0.960	0.973	0.933
3	0.947	0.827	0.973	0.973	0.960	0.947	0.987	0.947	0.973
4	0.973	0.800	0.973	0.973	0.987	0.973	1.000	0.987	0.920
rmse									
0	0.033	0.045	0.033	0.033	0.036	0.039	0.038	0.035	0.039
1	0.028	0.045	0.030	0.029	0.029	0.042	0.032	0.030	0.035
2	0.030	0.038	0.030	0.031	0.030	0.041	0.031	0.030	0.033
3	0.032	0.041	0.030	0.030	0.030	0.037	0.029	0.032	0.034
4	0.030	0.046	0.030	0.030	0.030	0.037	0.030	0.033	0.034
bias									
0	−0.006	0.003	−0.009	−0.011	0.016	−0.019	0.023	0.009	−0.024
1	−0.003	0.007	−0.009	−0.007	0.008	−0.023	0.016	0.002	−0.022
2	0.001	0.005	−0.003	−0.004	0.004	−0.022	0.012	0.000	−0.017
3	0.003	0.004	0.005	0.002	0.000	−0.006	0.002	−0.001	−0.014
4	−0.002	−0.001	0.005	−0.001	−0.004	−0.008	−0.005	0.001	−0.012

Notes: