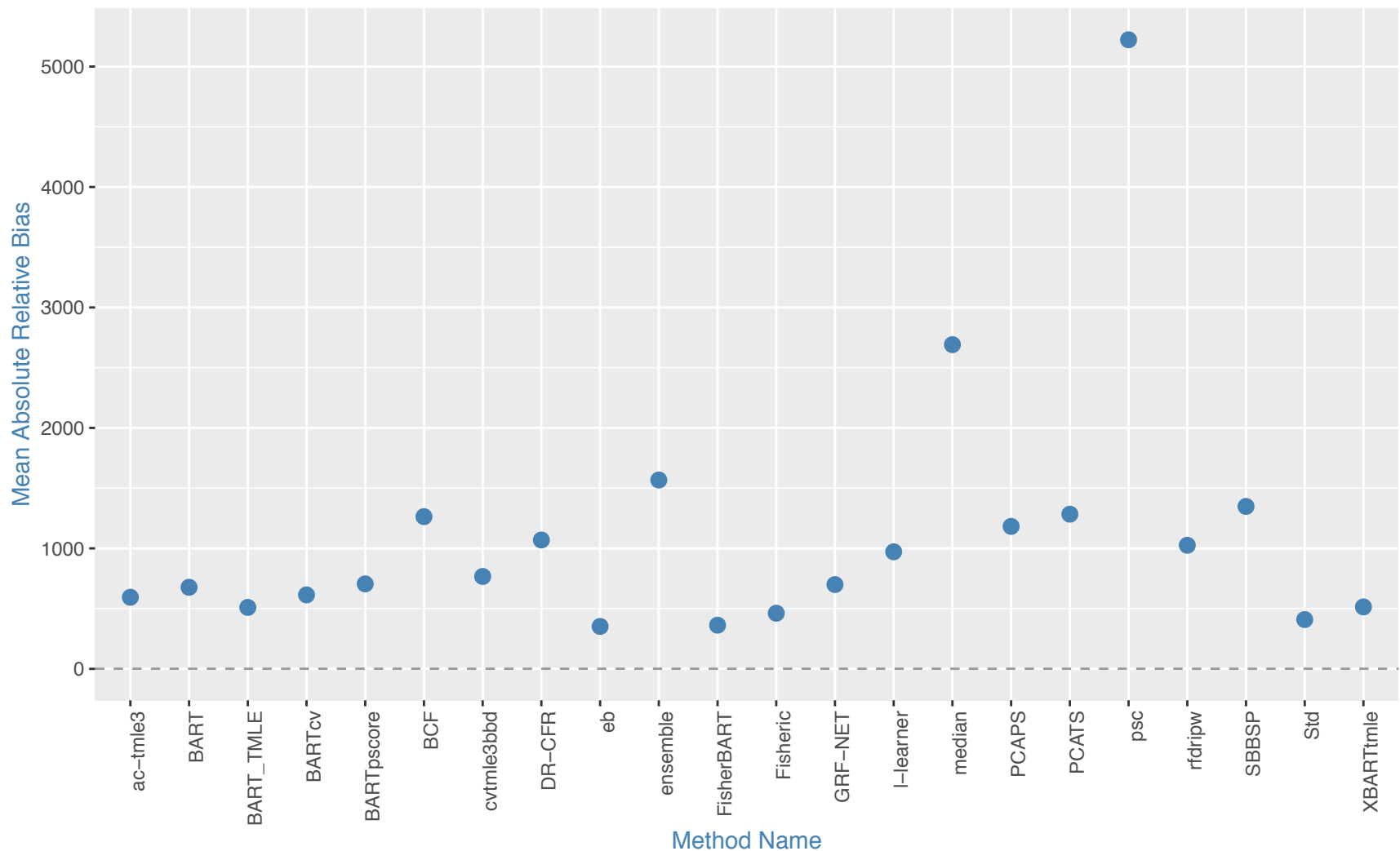
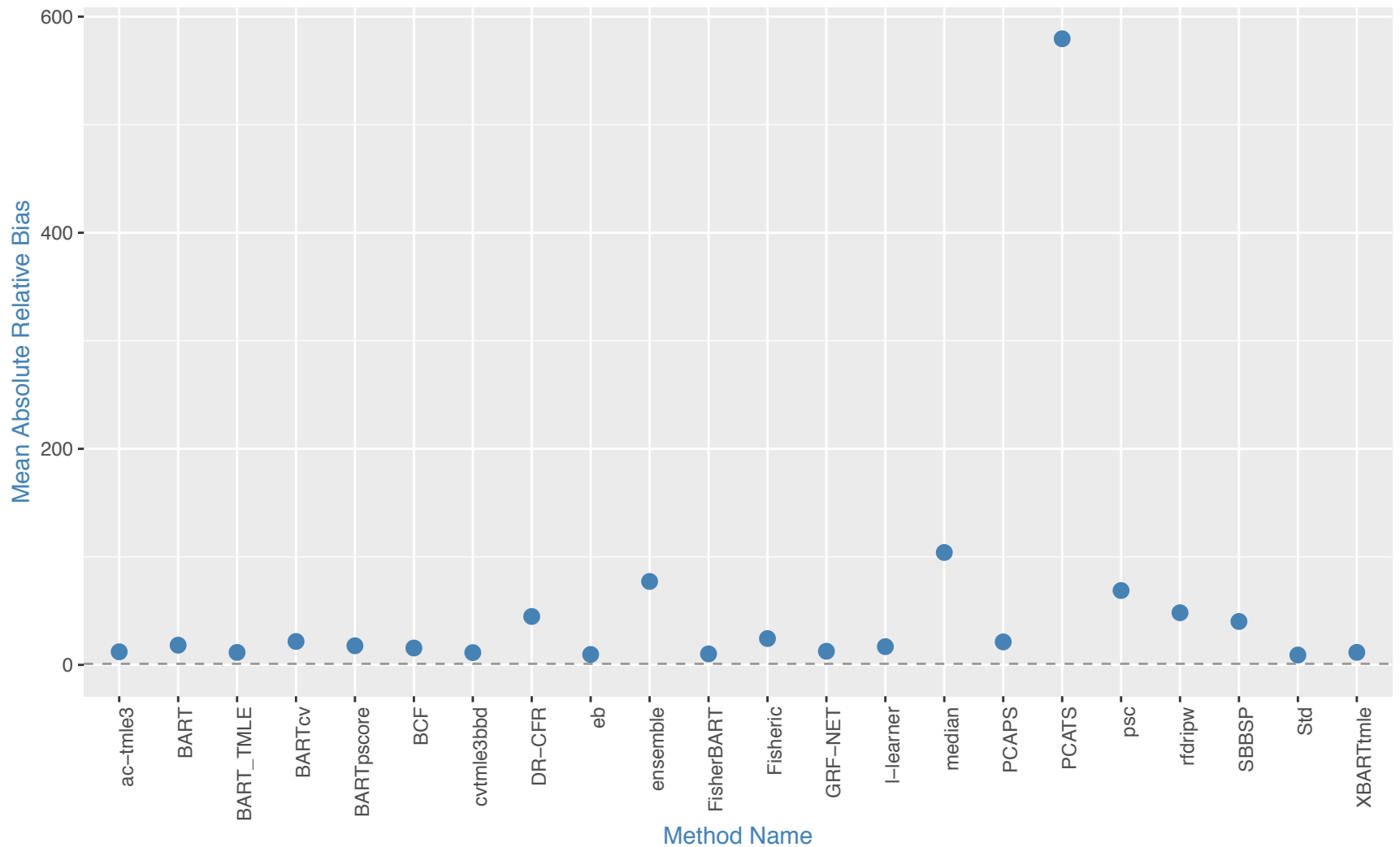


# High-D Track: Means Absolute Relative Bias for All 32 DGPs



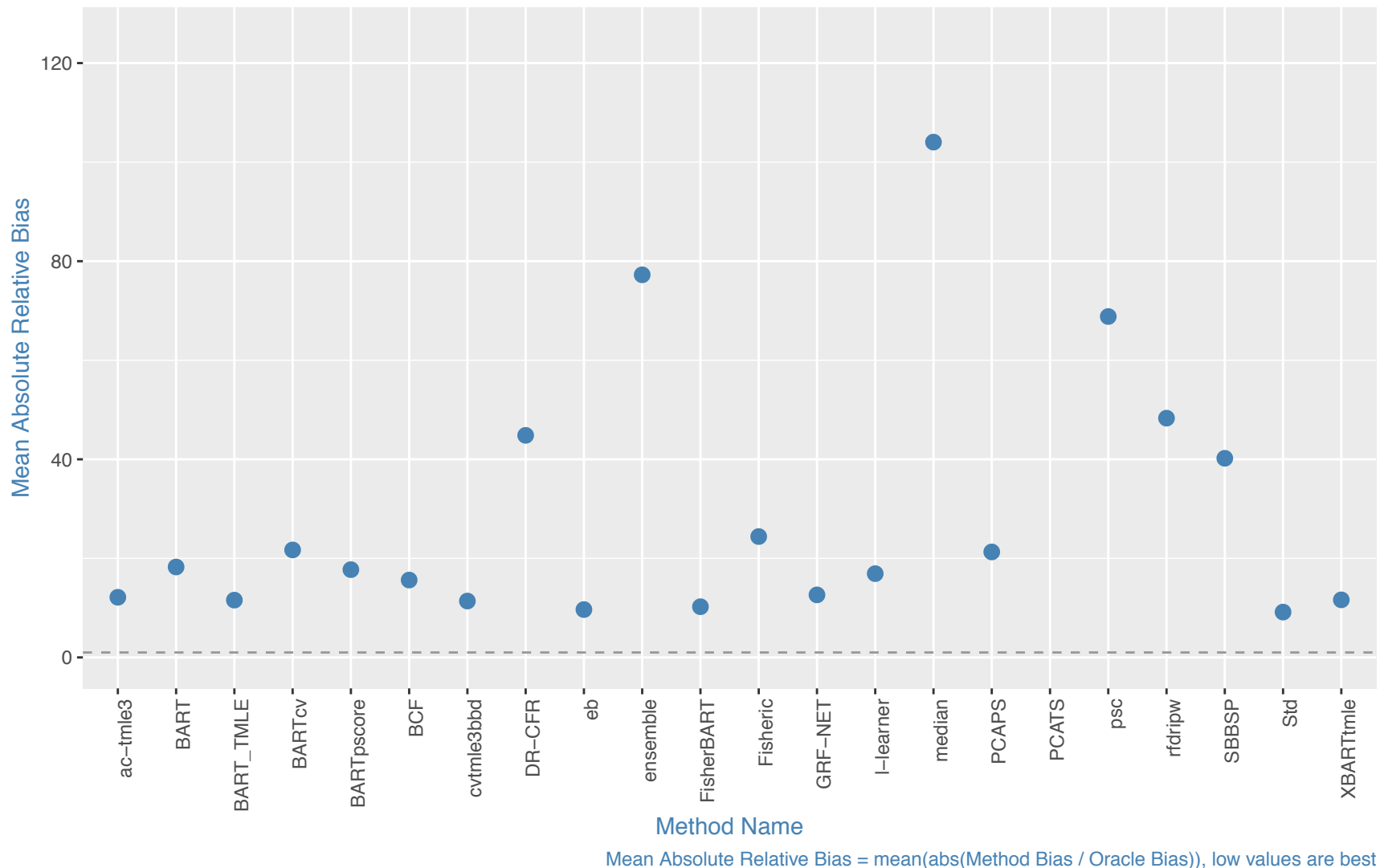
Mean Absolute Relative Bias =  $\text{mean}(\text{abs}(\text{Method Bias} / \text{Oracle Bias}))$ , low values are best

## High-D Track: Mean Absolute Relative Bias for Binary DGPs

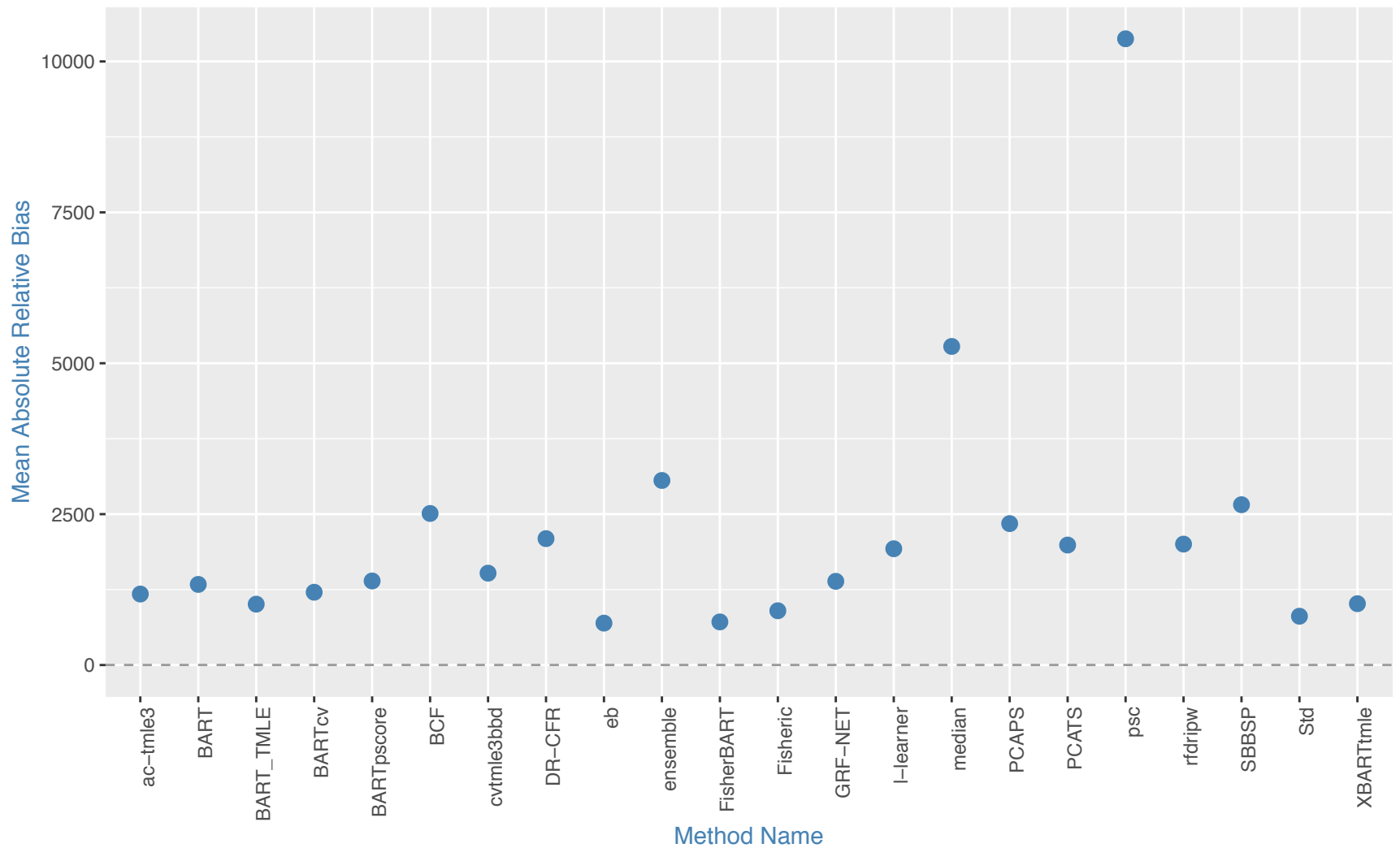


Mean Absolute Relative Bias =  $\text{mean}(\text{abs}(\text{Method Bias} / \text{Oracle Bias}))$ , low values are best

# High-D (zoomed in): Mean Absolute Relative Bias for Binary DGPs



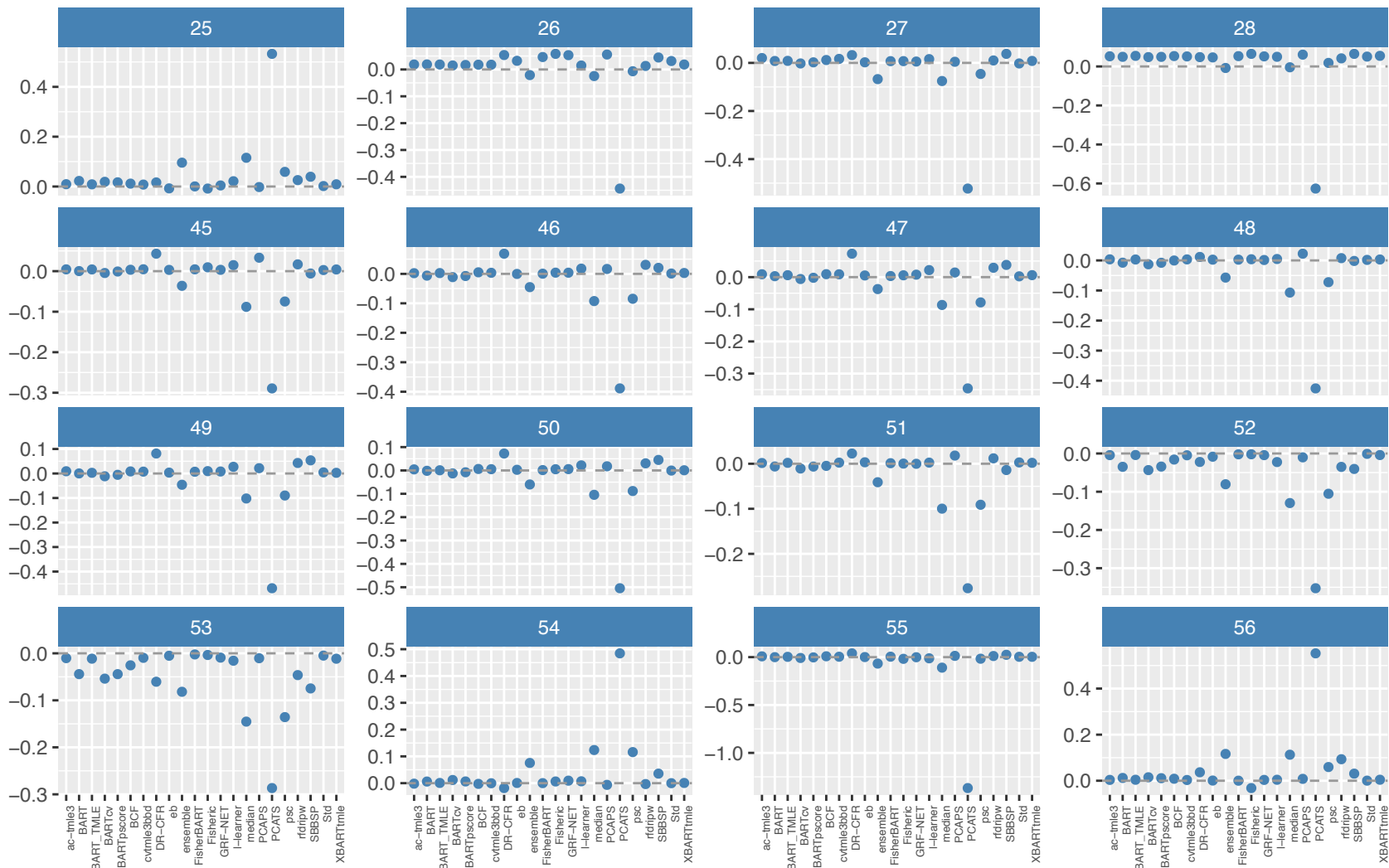
# High-D Track: Mean Absolute Relative Bias for Continuous DGPs



Mean Absolute Relative Bias =  $\text{mean}(\text{abs}(\text{Method Bias} / \text{Oracle Bias}))$ , low values are best

# High-D Track: Bias for each Binary Outcome DGP

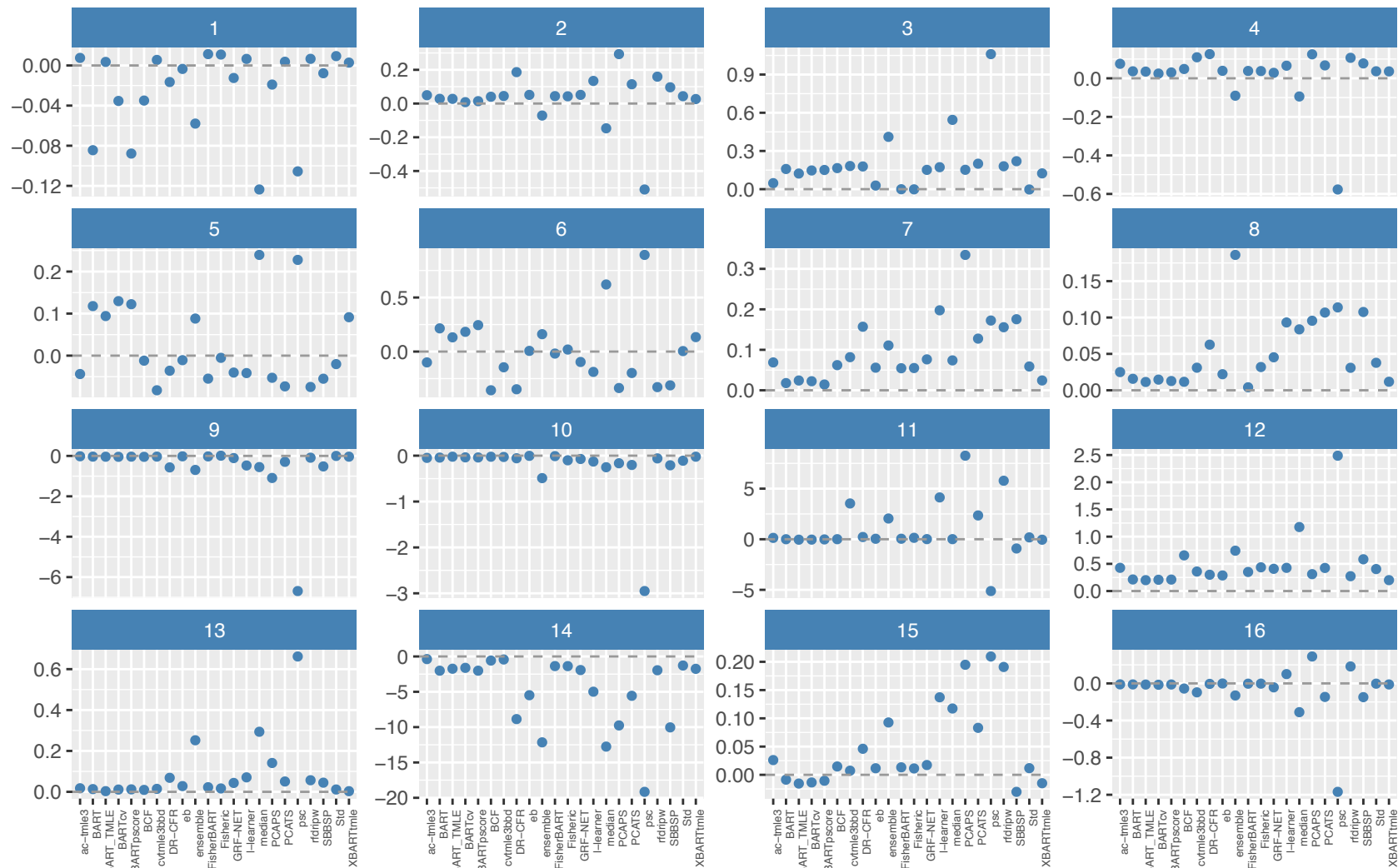
Bias



Method Name

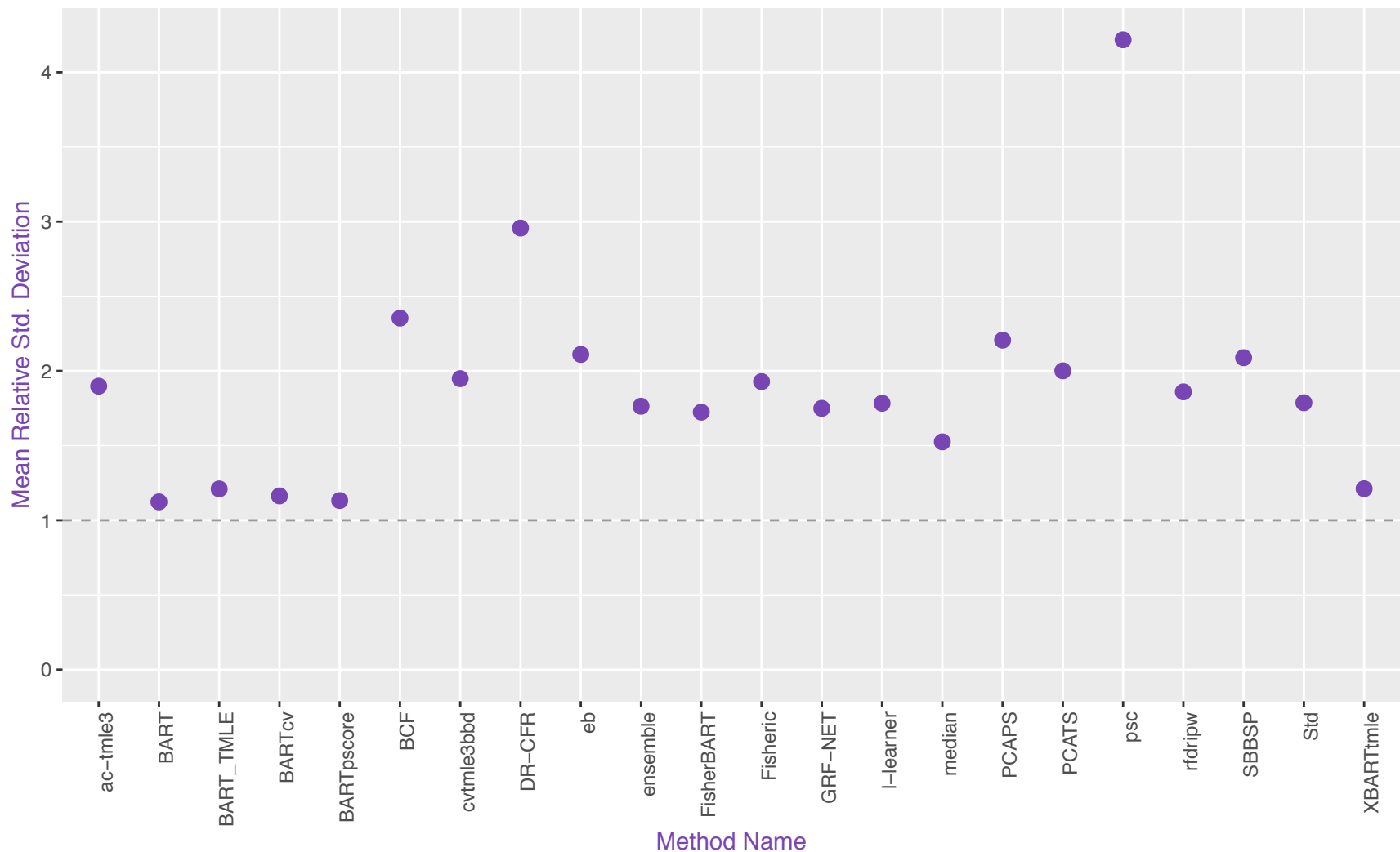
# High-D Track: Bias for each Continuous Outcome DGP

Bias



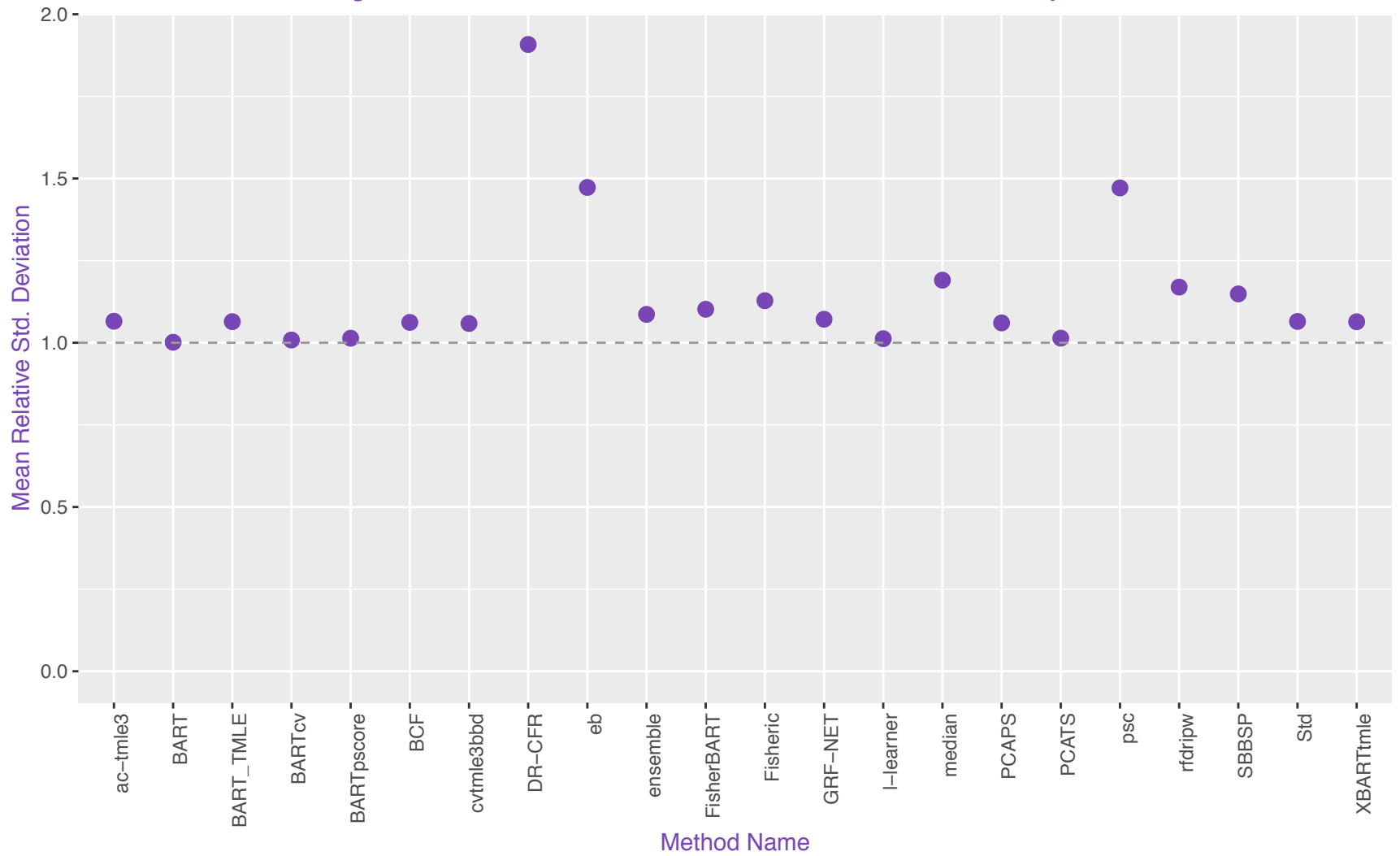
Method Name

# High-D Track: Mean Relative Standard Deviation for All 32 DGPs



Relative Mean SD =  $\text{mean}(\text{Method SD} / \text{Oracle SD})$ , low values are best

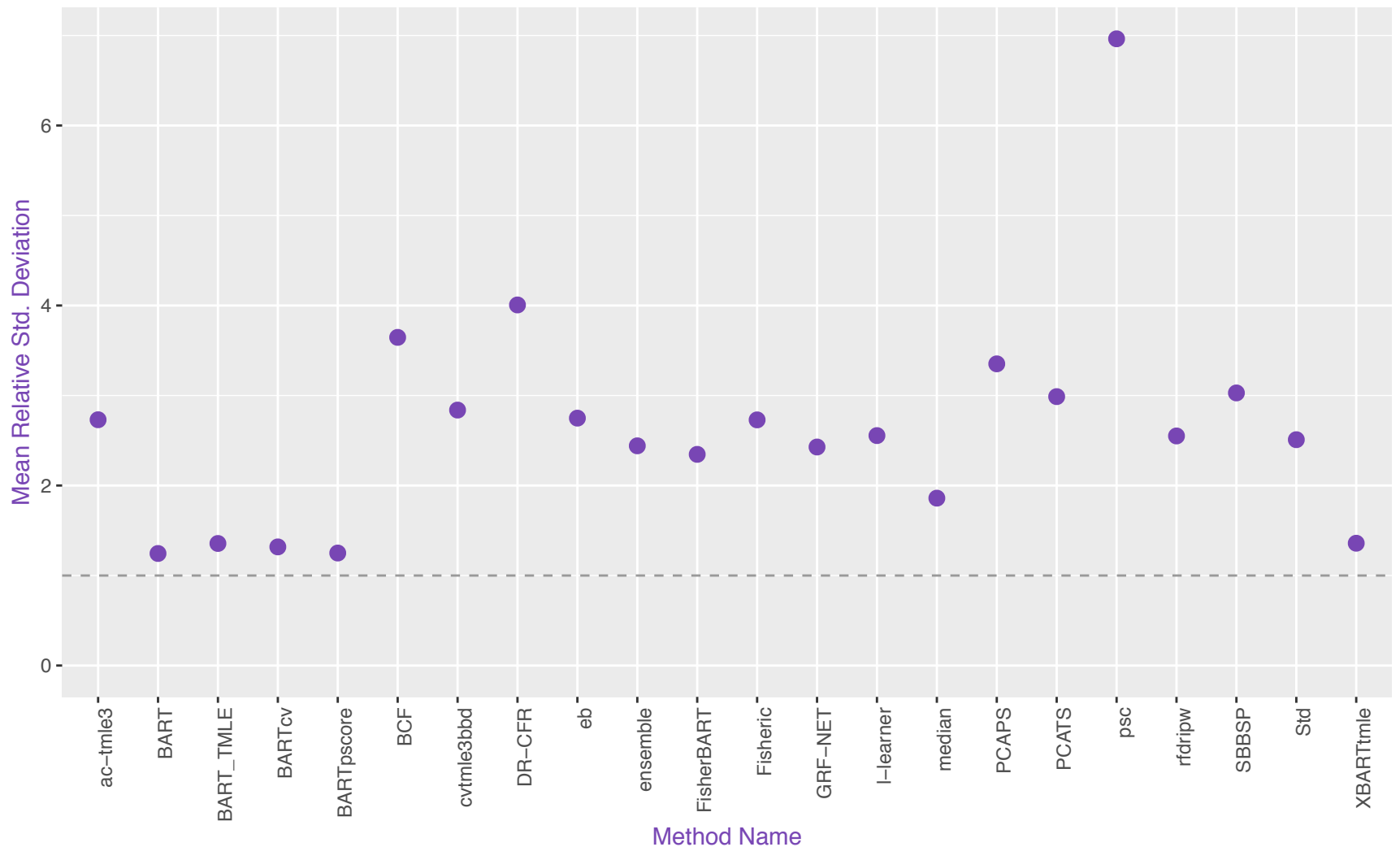
# High-D Track: Mean Relative Standard Deviation for Binary DGPs



Relative Mean SD =  $\text{mean}(\text{Method SD} / \text{Oracle SD})$ , low values are best

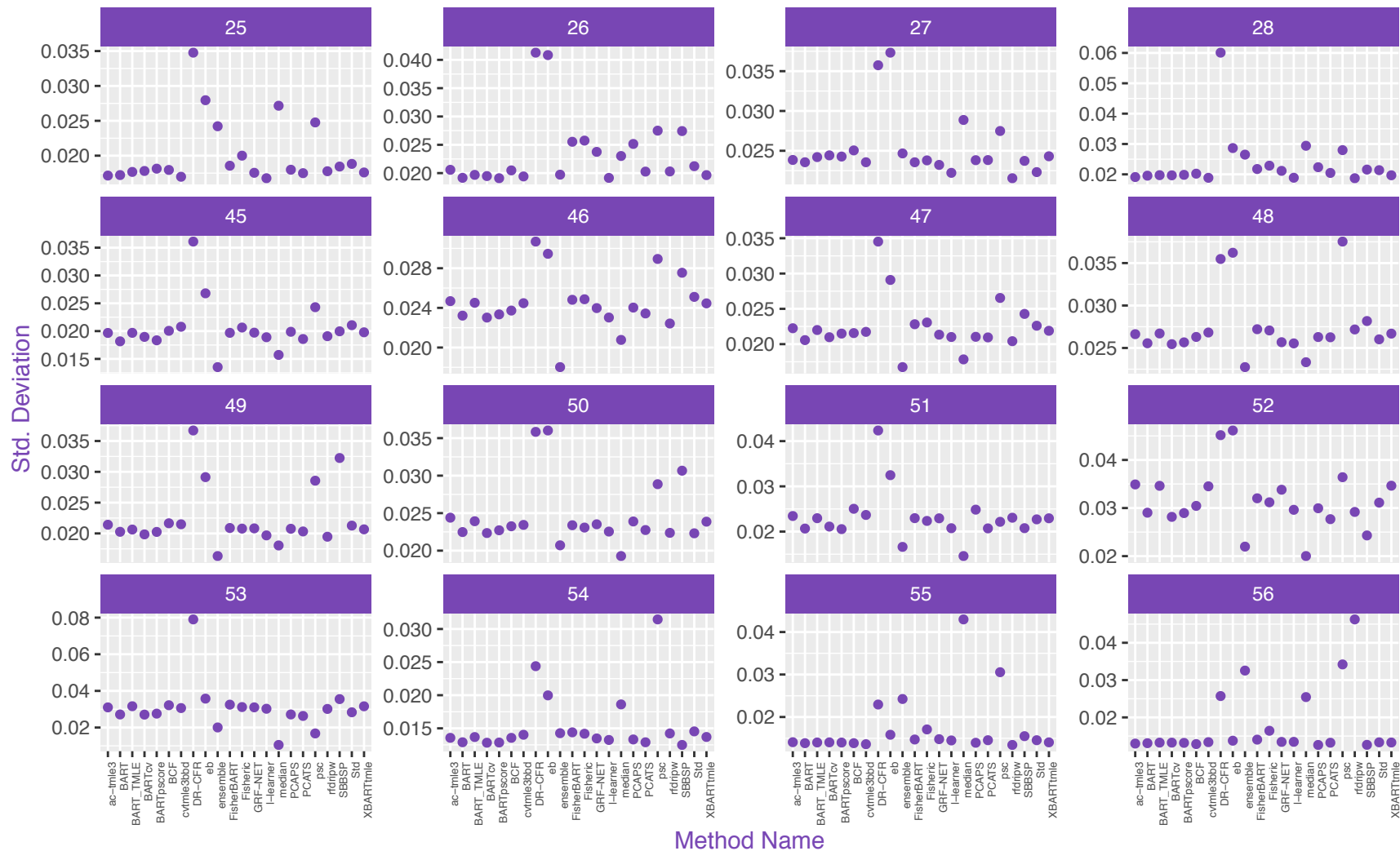


# High-D Track: Mean Relative Standard Deviation for Continuous DGPs



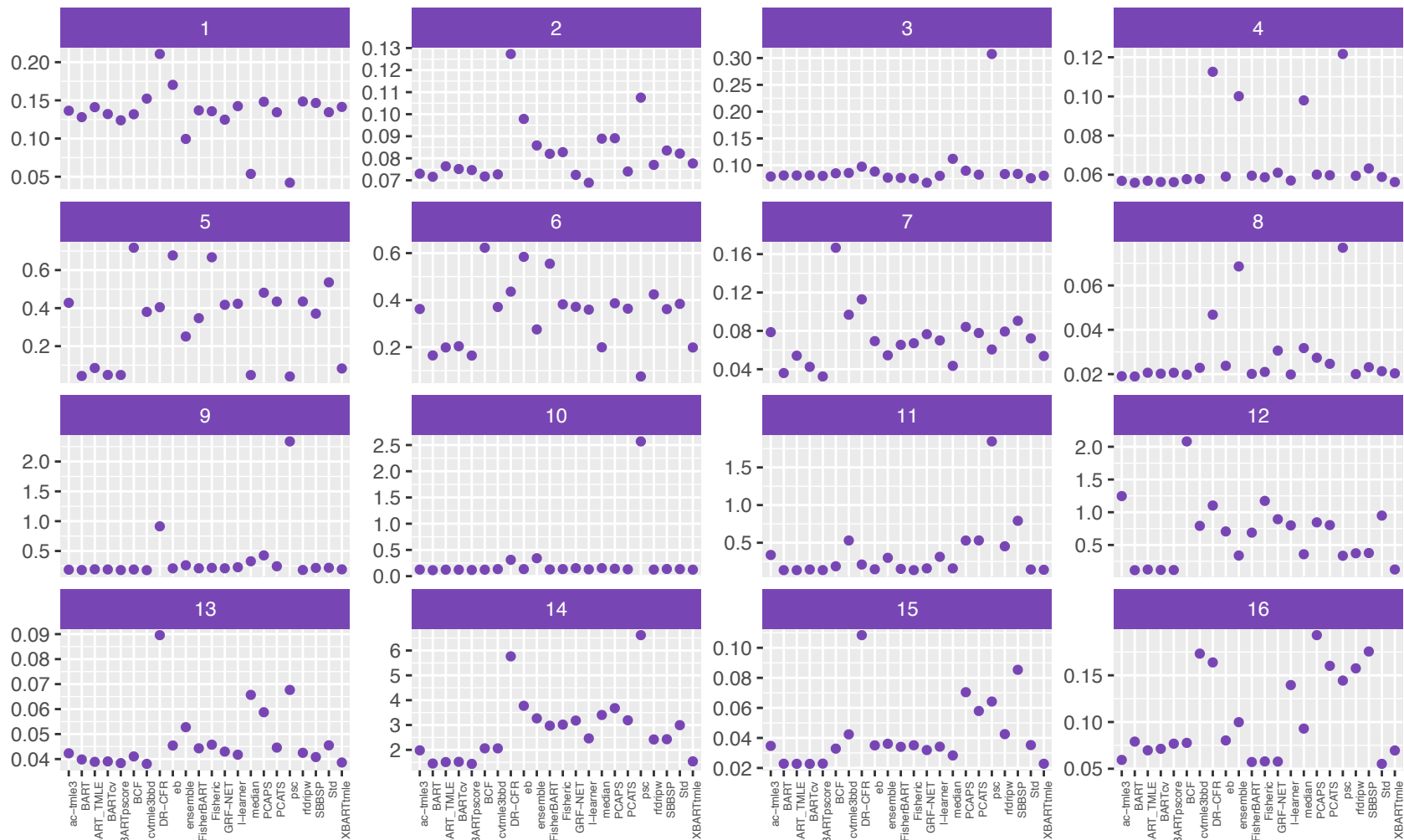
Relative Mean SD =  $\text{mean}(\text{Method SD} / \text{Oracle SD})$ , low values are best

# High-D Track: Standard Deviation Binary Outcome DGPs



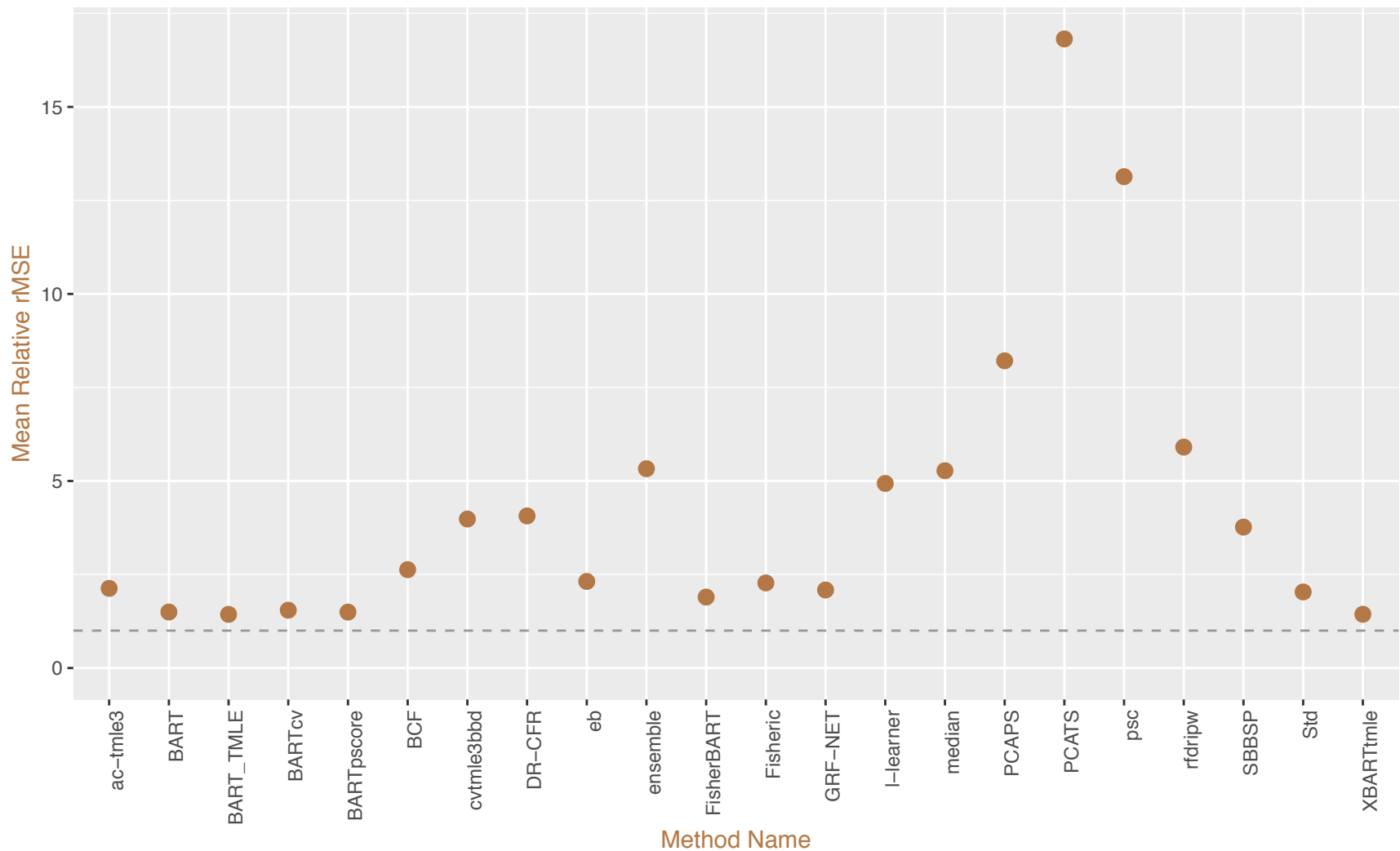
# High-D Track: Standard Deviation Continuous Outcome DGPs

Std. Deviation



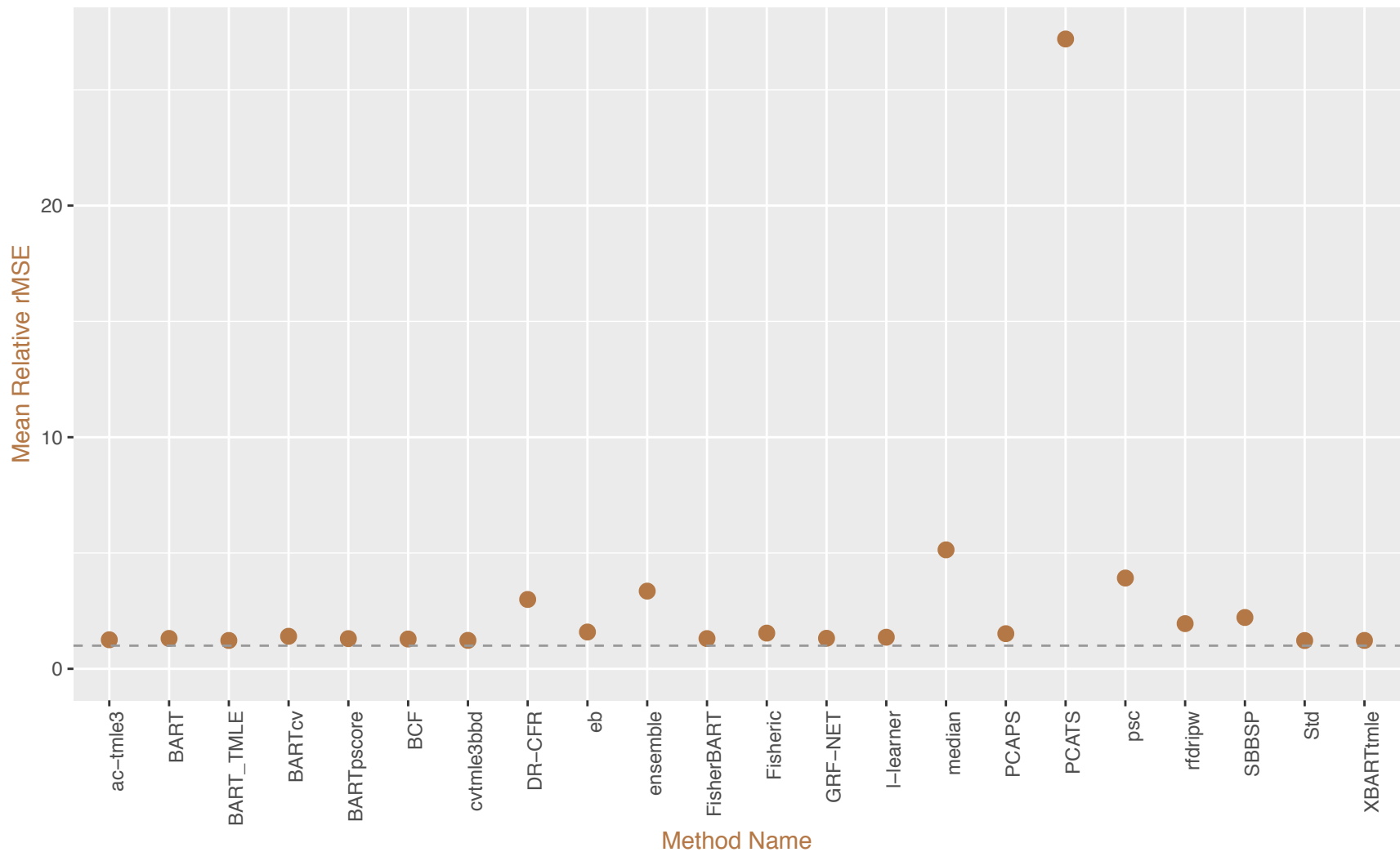
Method Name

# High-D Track: Mean Relative rMSE for All 32 DGPs



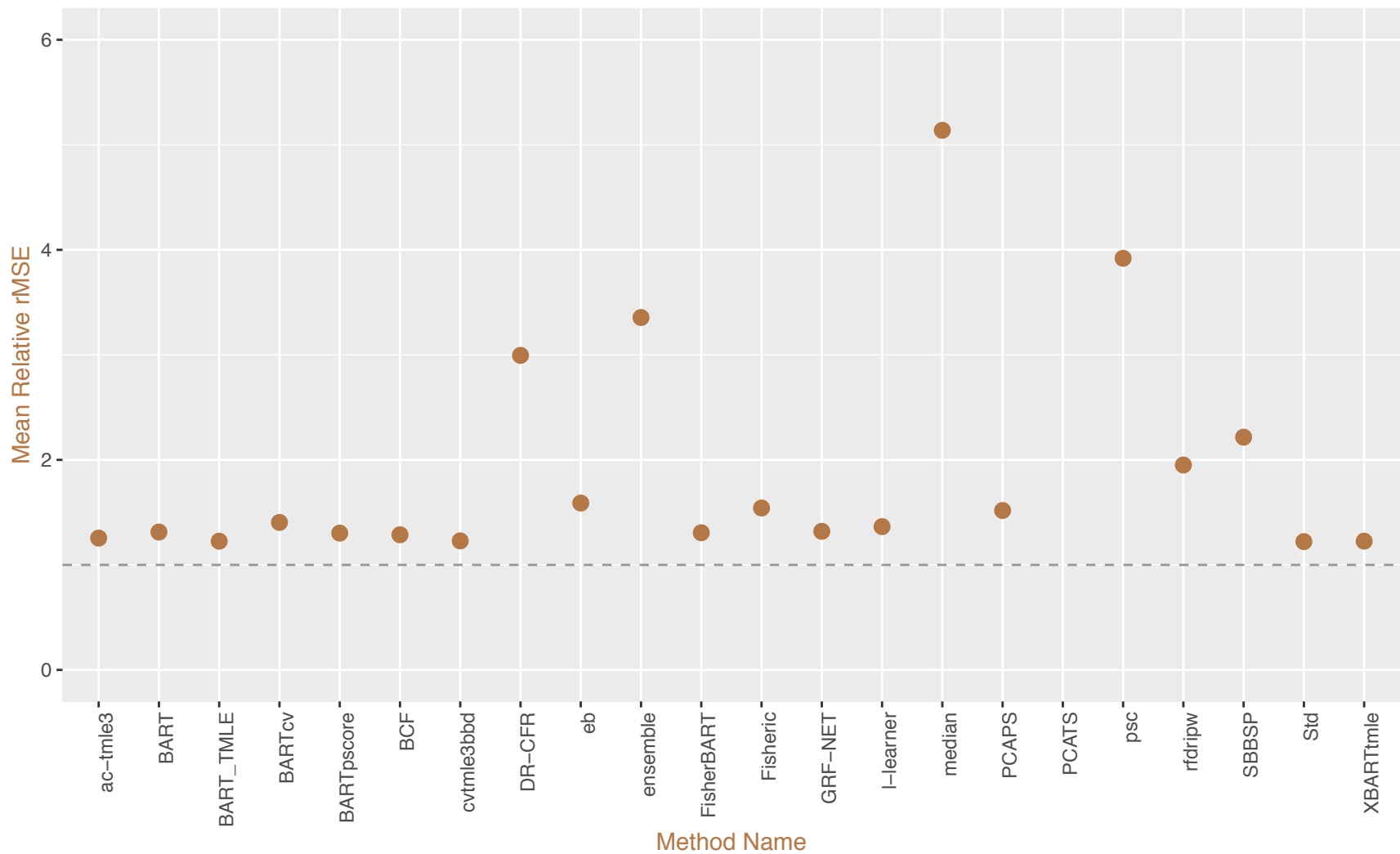
Relative Mean rMSE =  $\text{mean}(\text{Method rMSE} / \text{Oracle rMSE})$ , low values are best

# High-D Track: Mean Relative rMSE for Binary DGPs



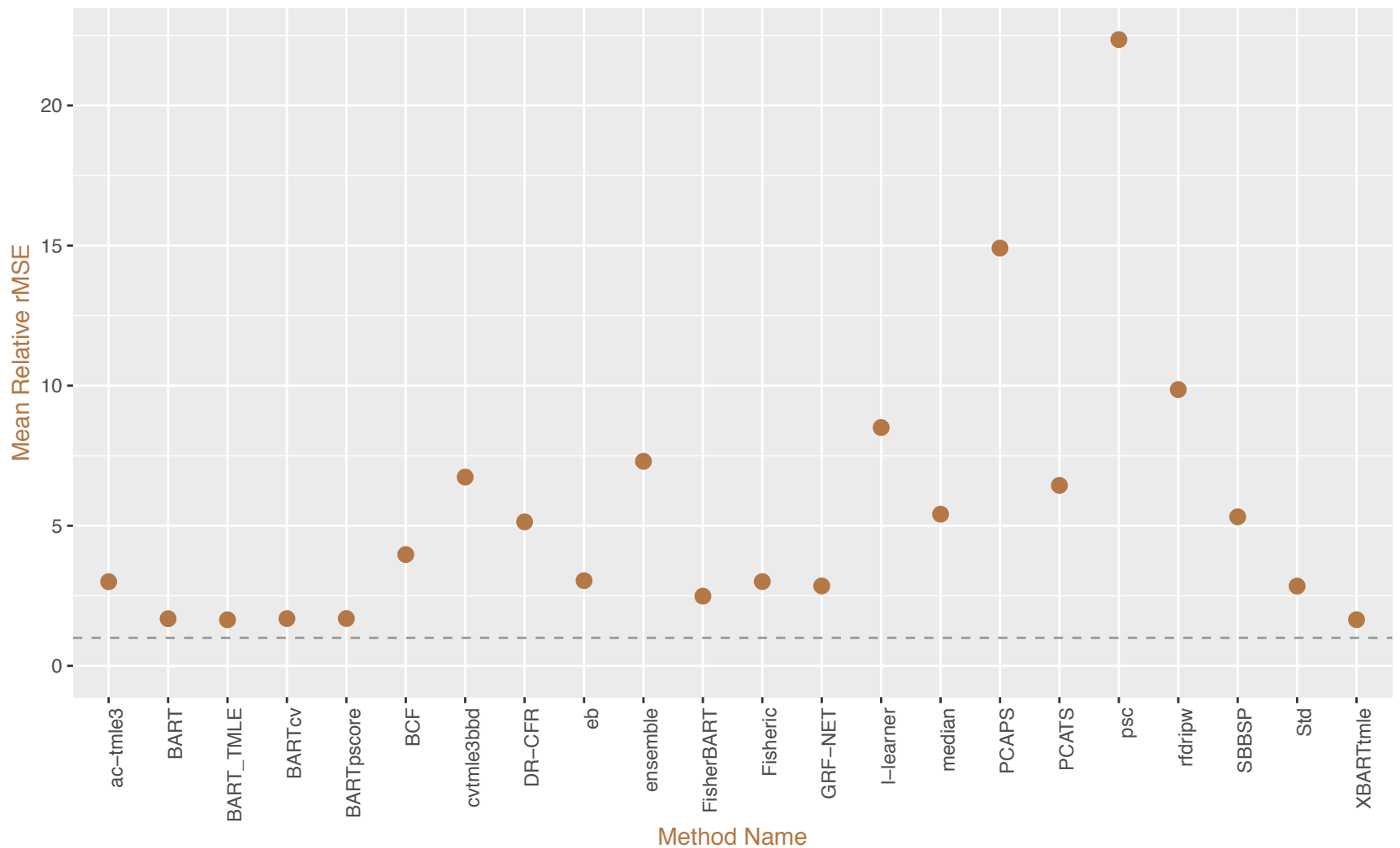
Relative Mean rMSE =  $\text{mean}(\text{Method rMSE} / \text{Oracle rMSE})$ , low values are best

## High-D (zoomed in): Mean Relative rMSE for Binary DGPs



Relative Mean rMSE =  $\text{mean}(\text{Method rMSE} / \text{Oracle rMSE})$ , low values are best

# High-D Track: Mean Relative rMSE for Continuous DGPs

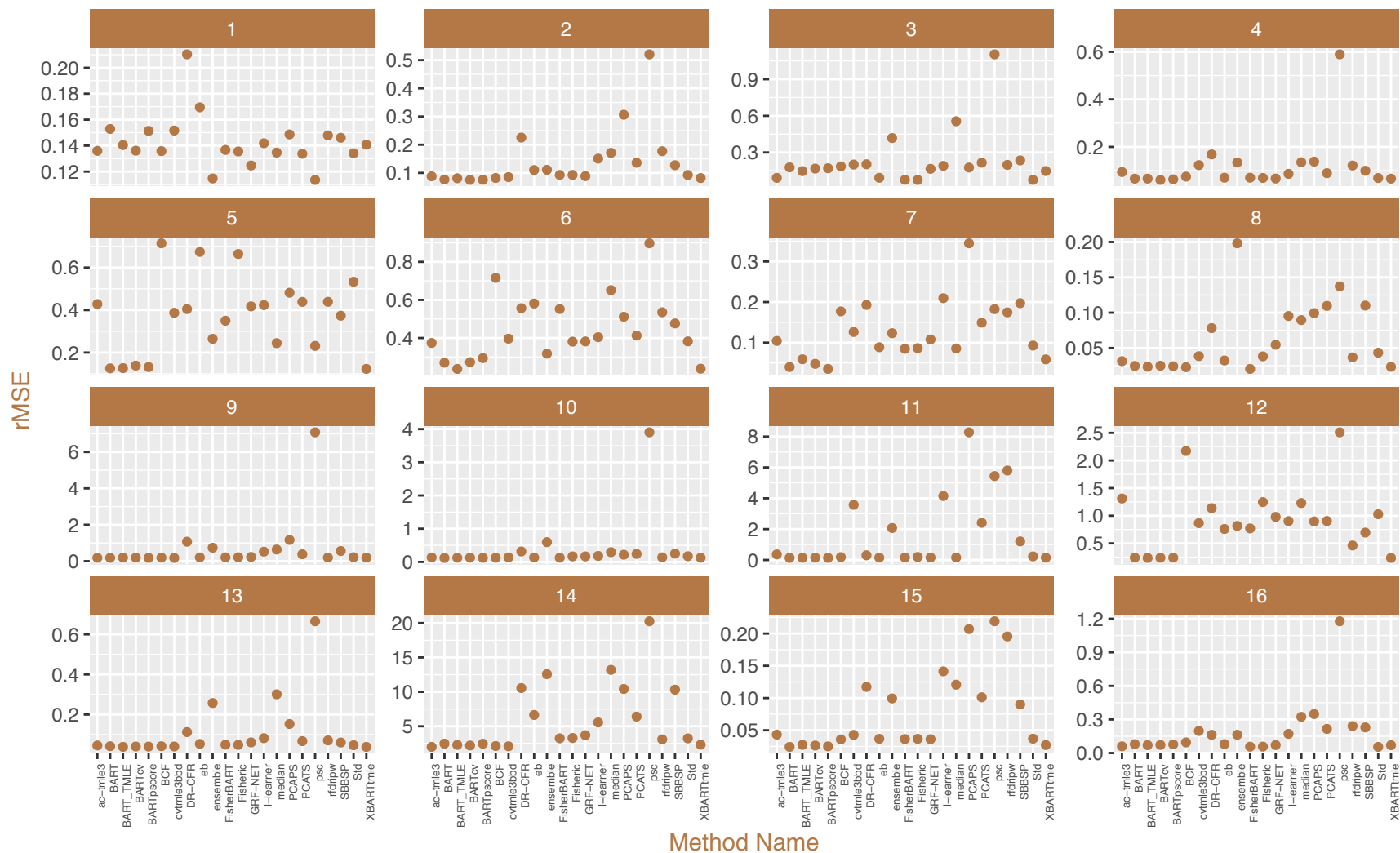


Relative Mean rMSE =  $\text{mean}(\text{Method rMSE} / \text{Oracle rMSE})$ , low values are best

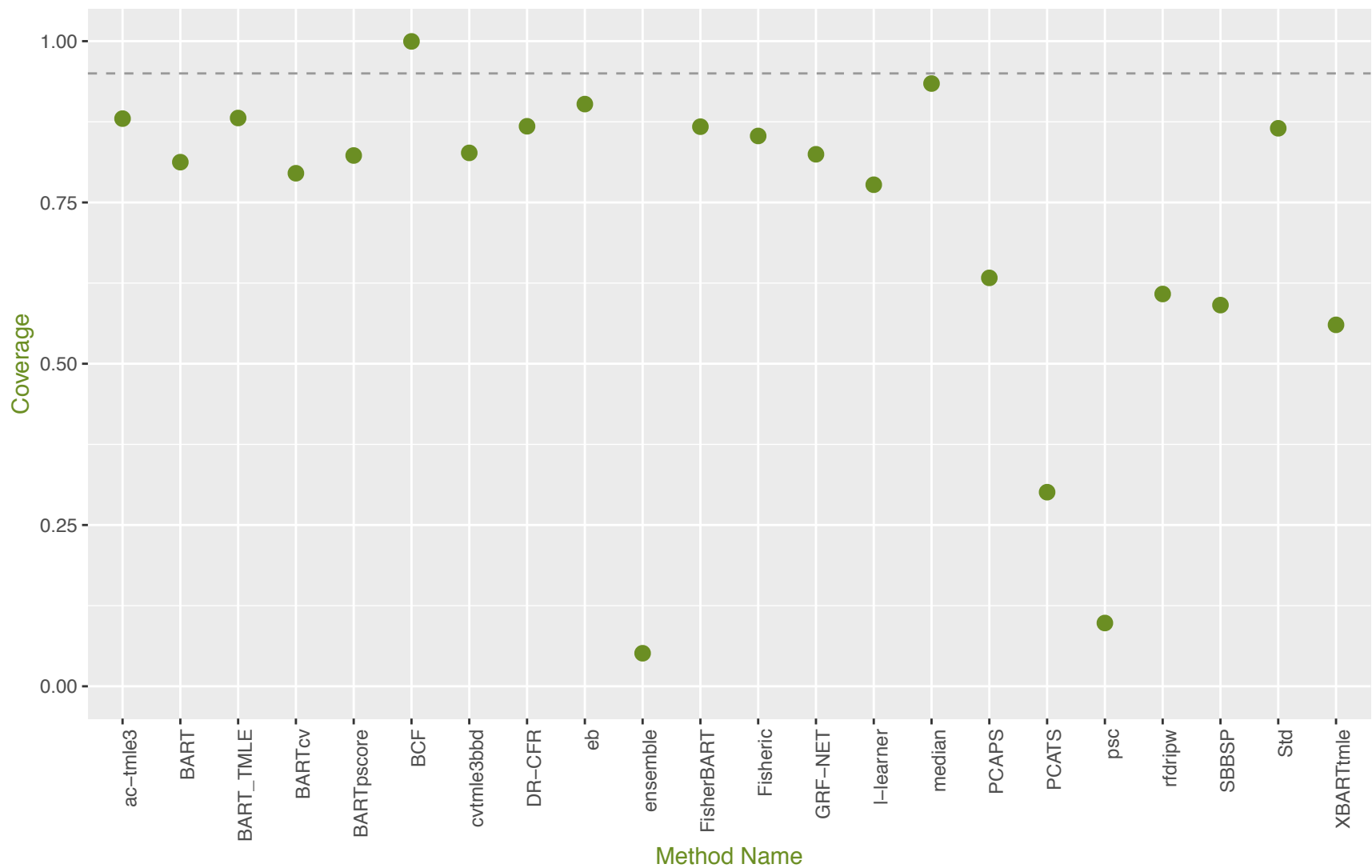




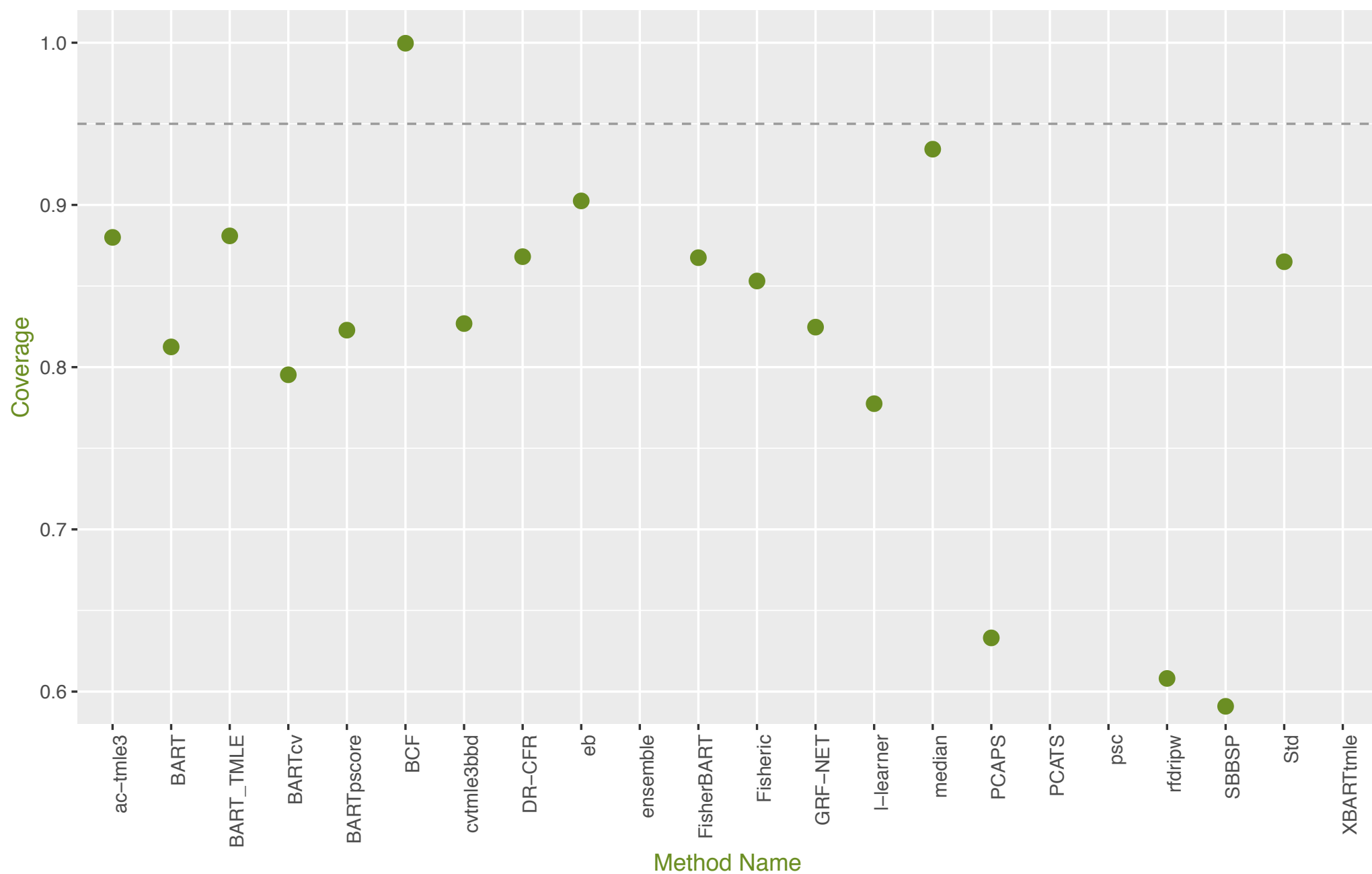
# High-D Track: Root Mean Squared Error Continuous Outcome DGPs



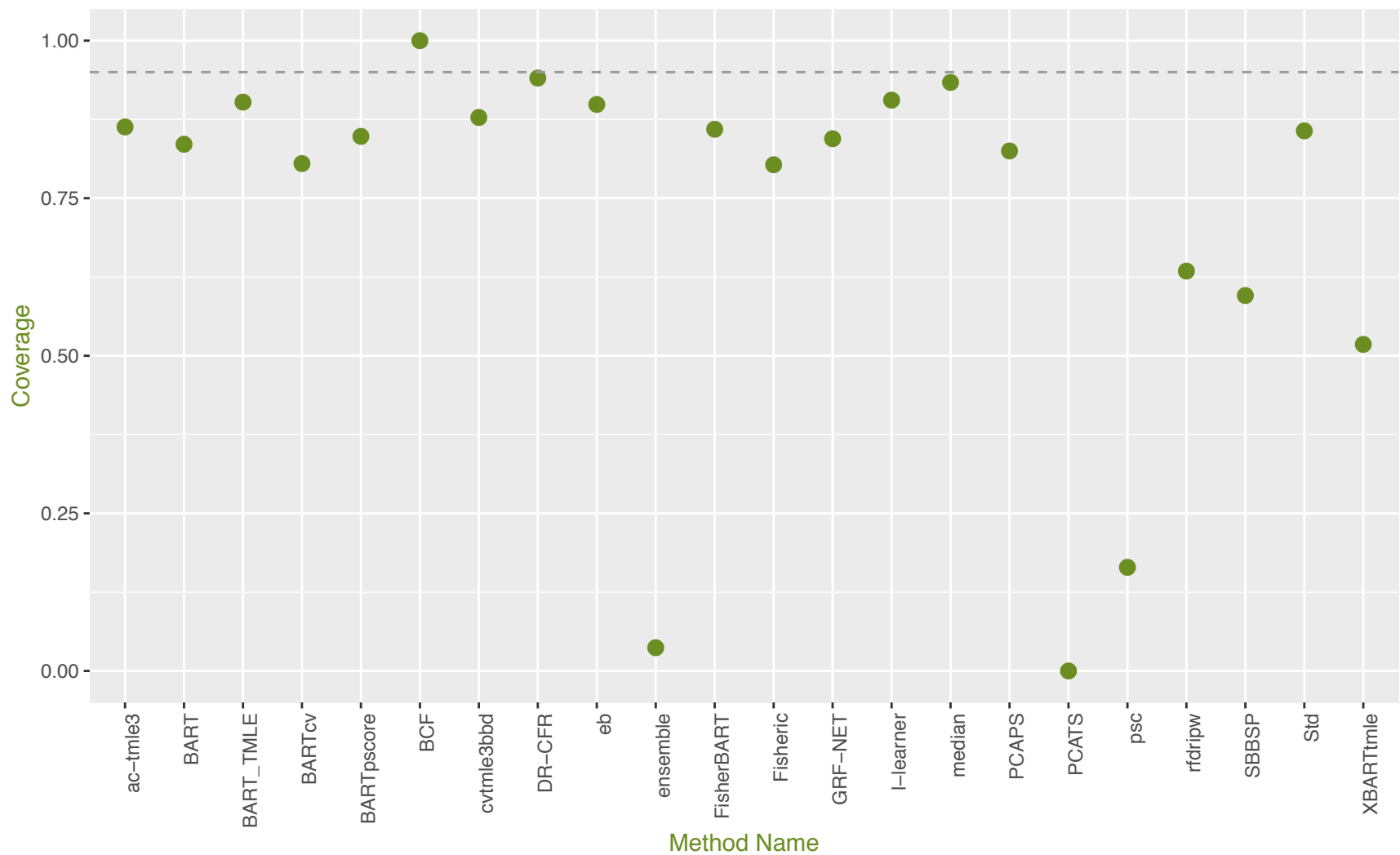
High-D Track: Mean 95% Confidence Interval Coverage Over All 32 DGPs



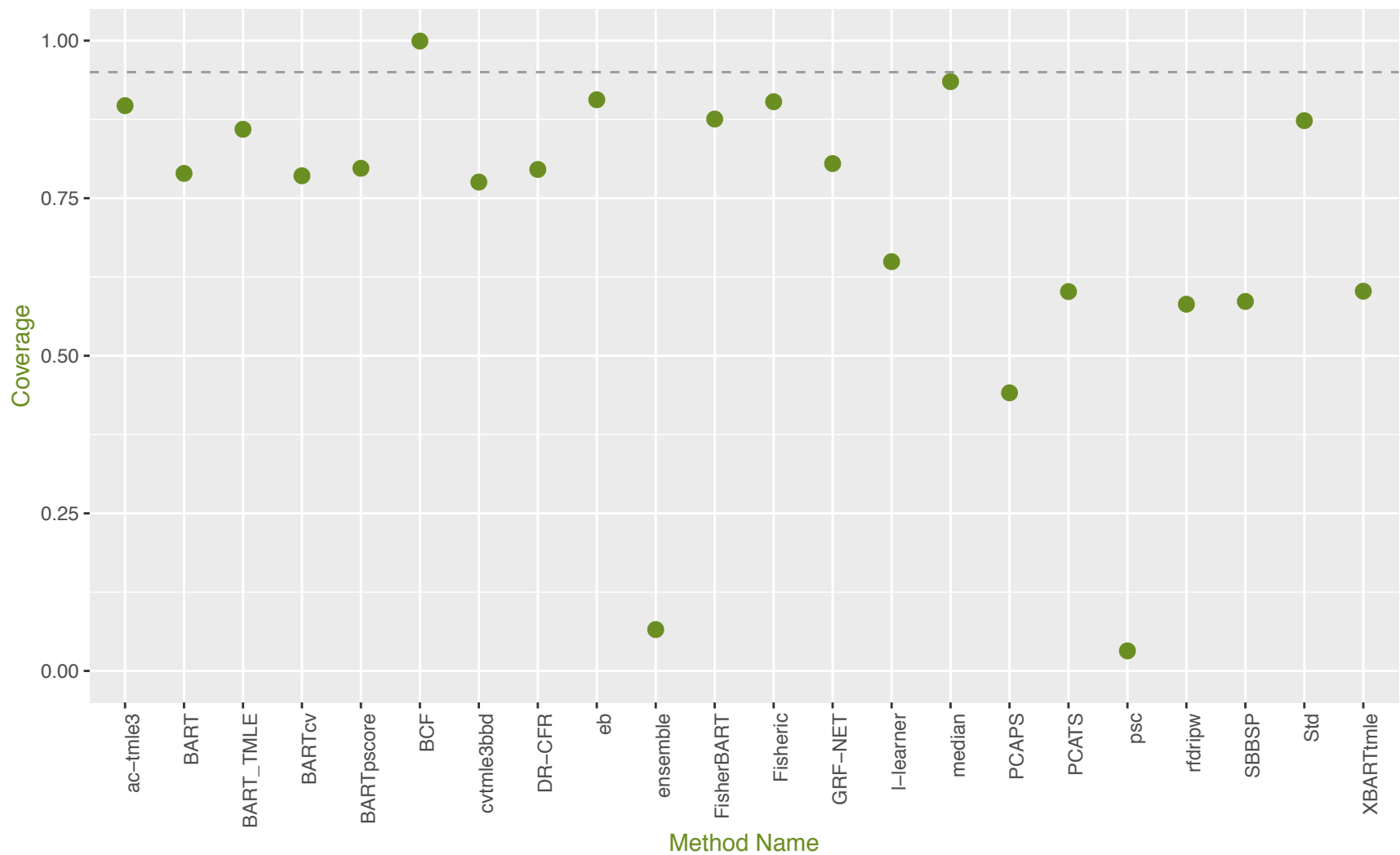
High-D Track: Mean 95% Confidence Interval Coverage Over All 32 DGPs (zoomed in)



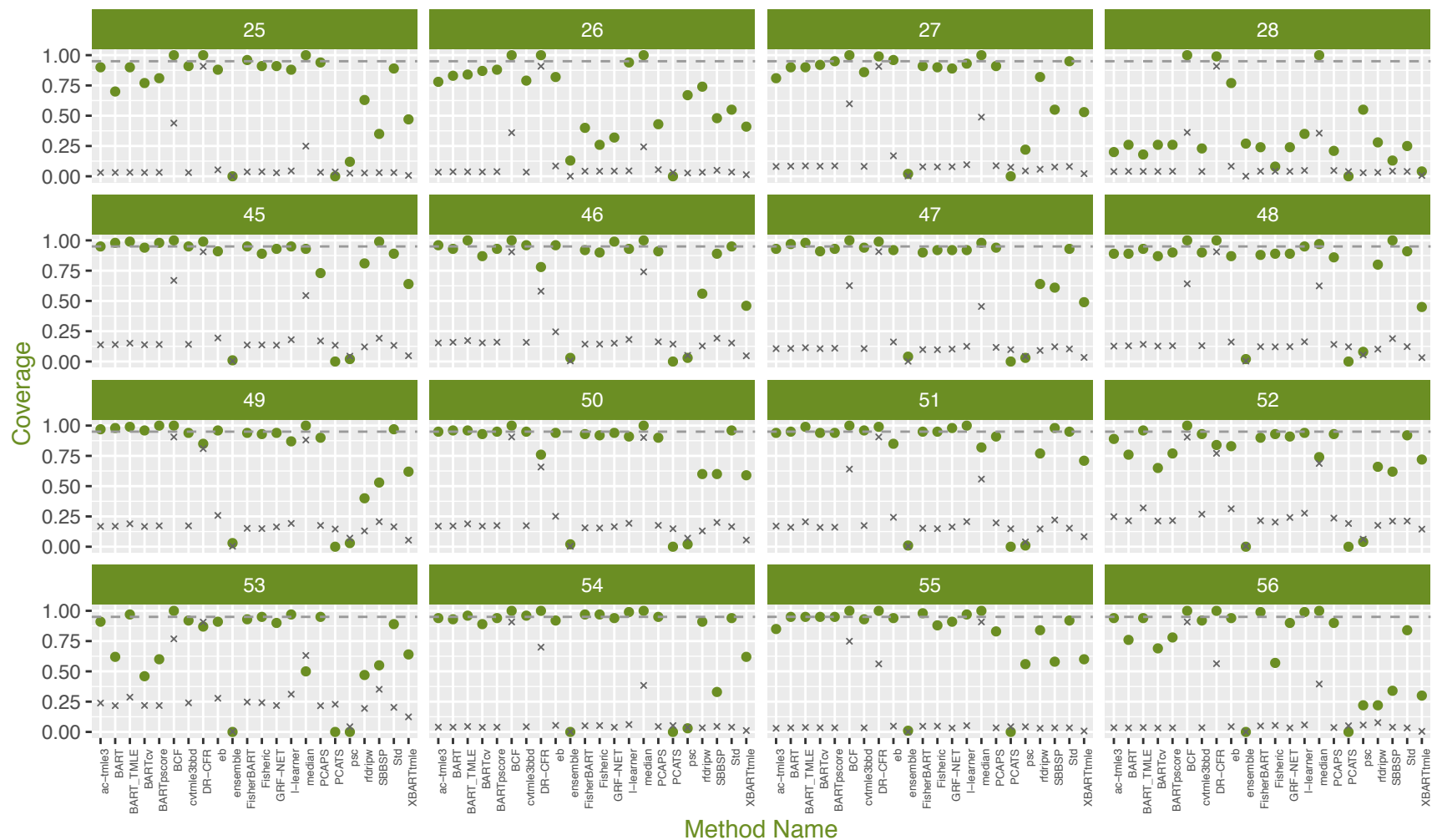
High-D Track: Mean 95% Confidence Interval Coverage  
Binary Outcome DGPs



High-D Track: Mean 95% Confidence Interval Coverage  
Continuous Outcome DGPs

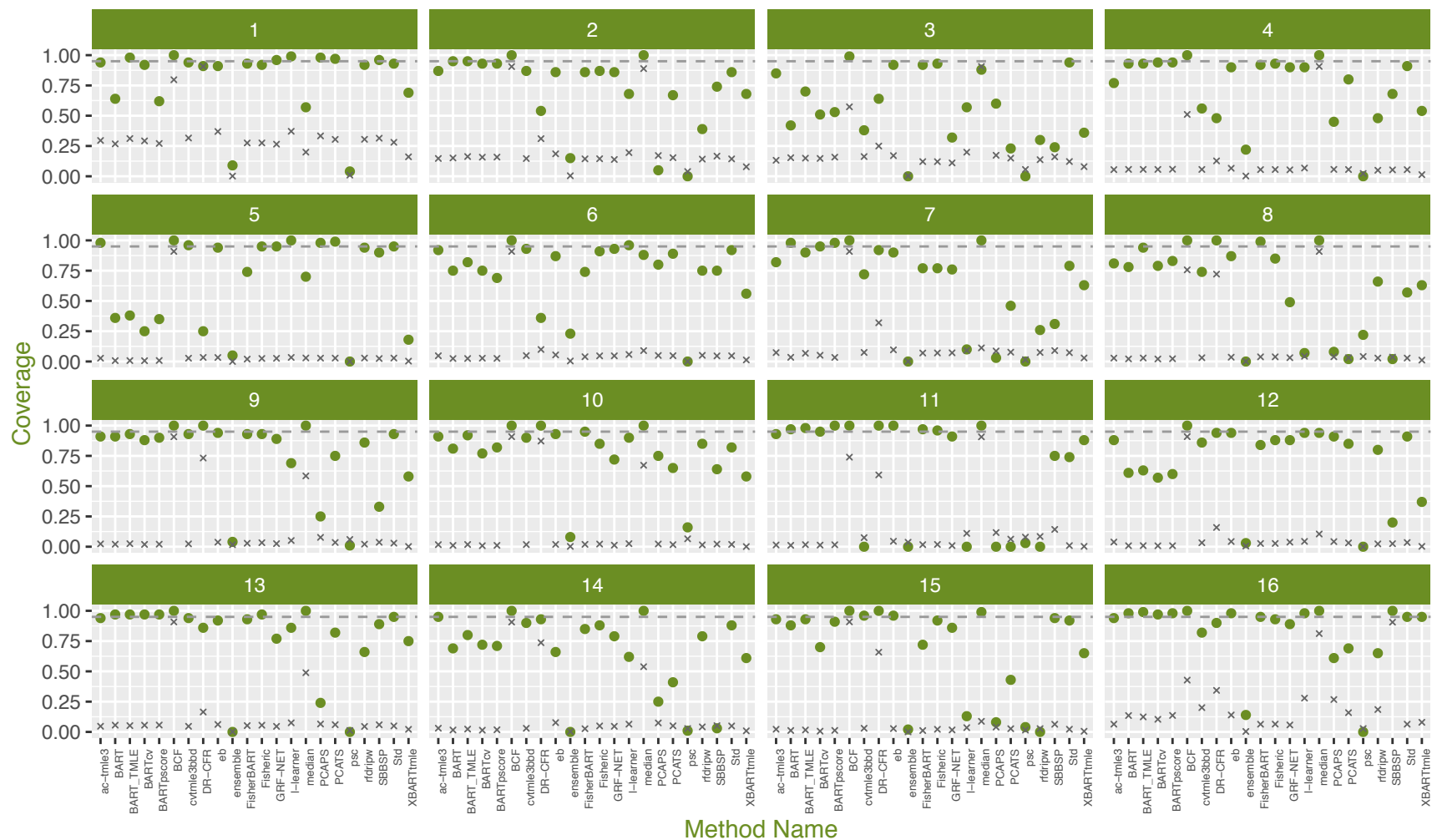


# High-D Track: 95% Confidence Interval Coverage Binary Outcome DGPs

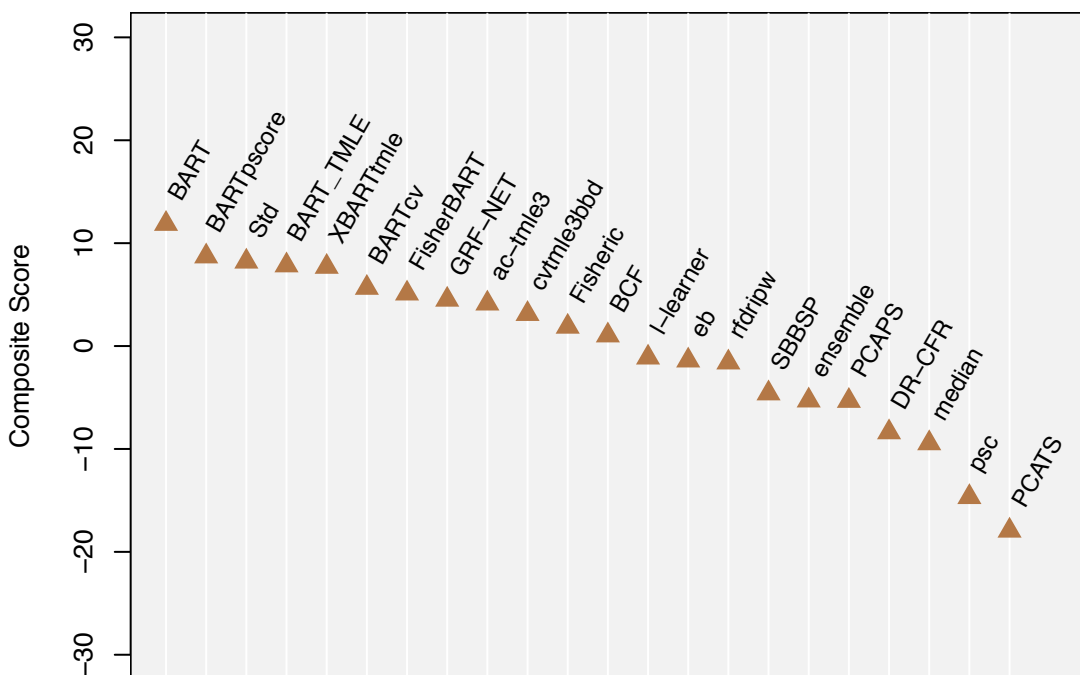


x: scaled CI width

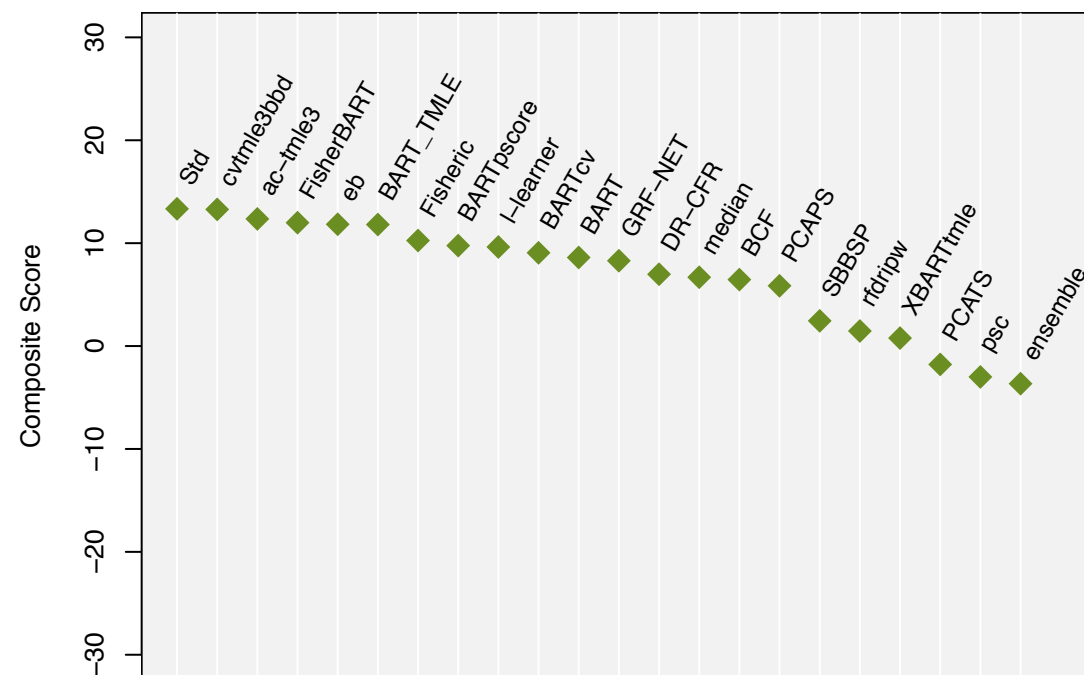
# High-D Track: 95% Confidence Interval Coverage Continuous Outcome DGPs



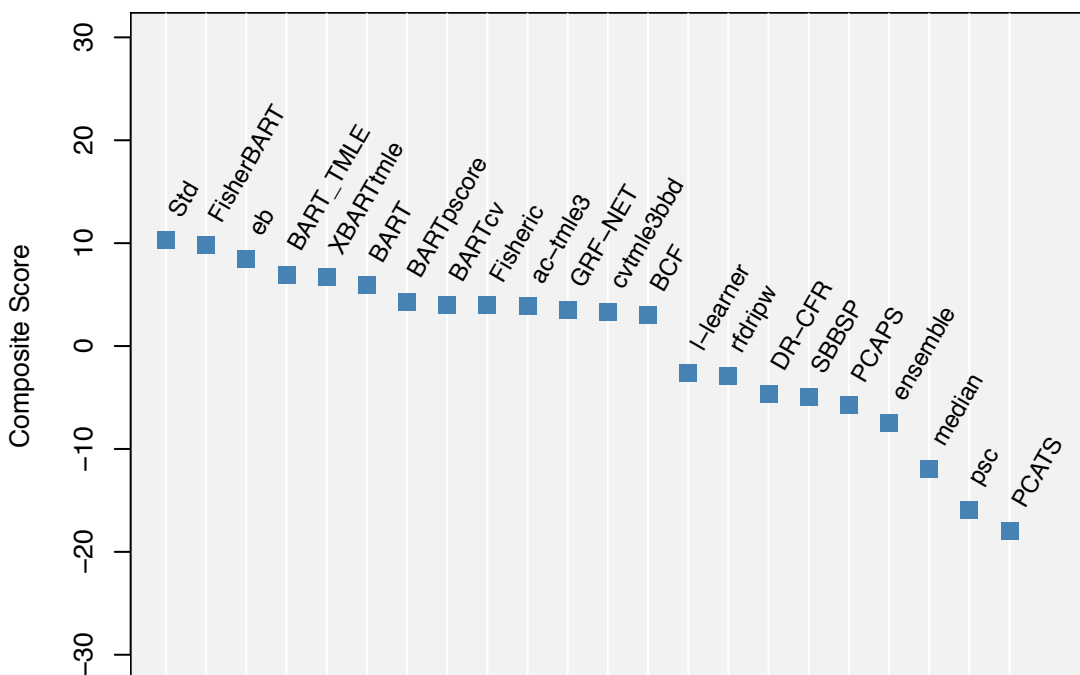
### High-Dim: Composite rMSE Scores



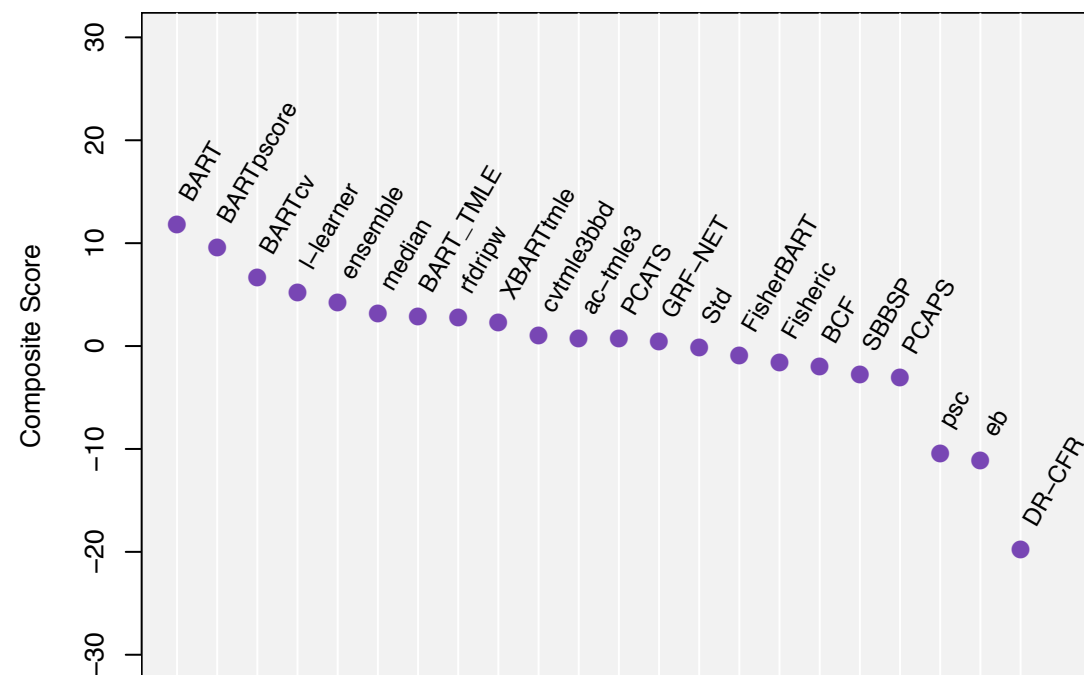
### High-Dim: Composite Coverage Scores



### High-Dim: Composite Bias Scores

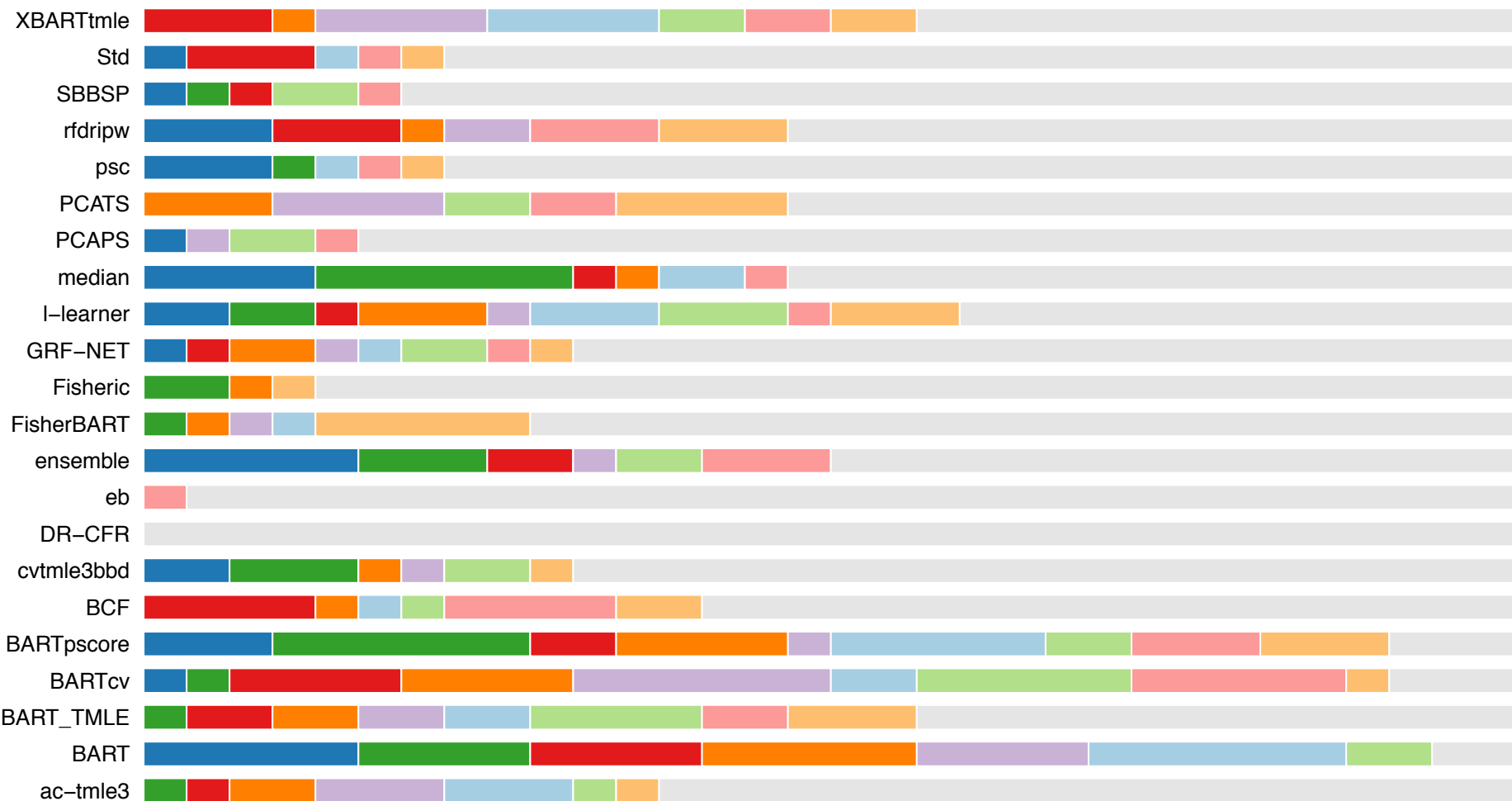


### High-Dim: Composite SD Scores

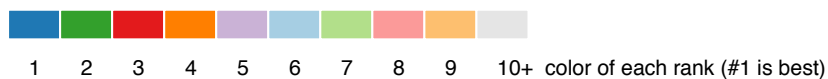




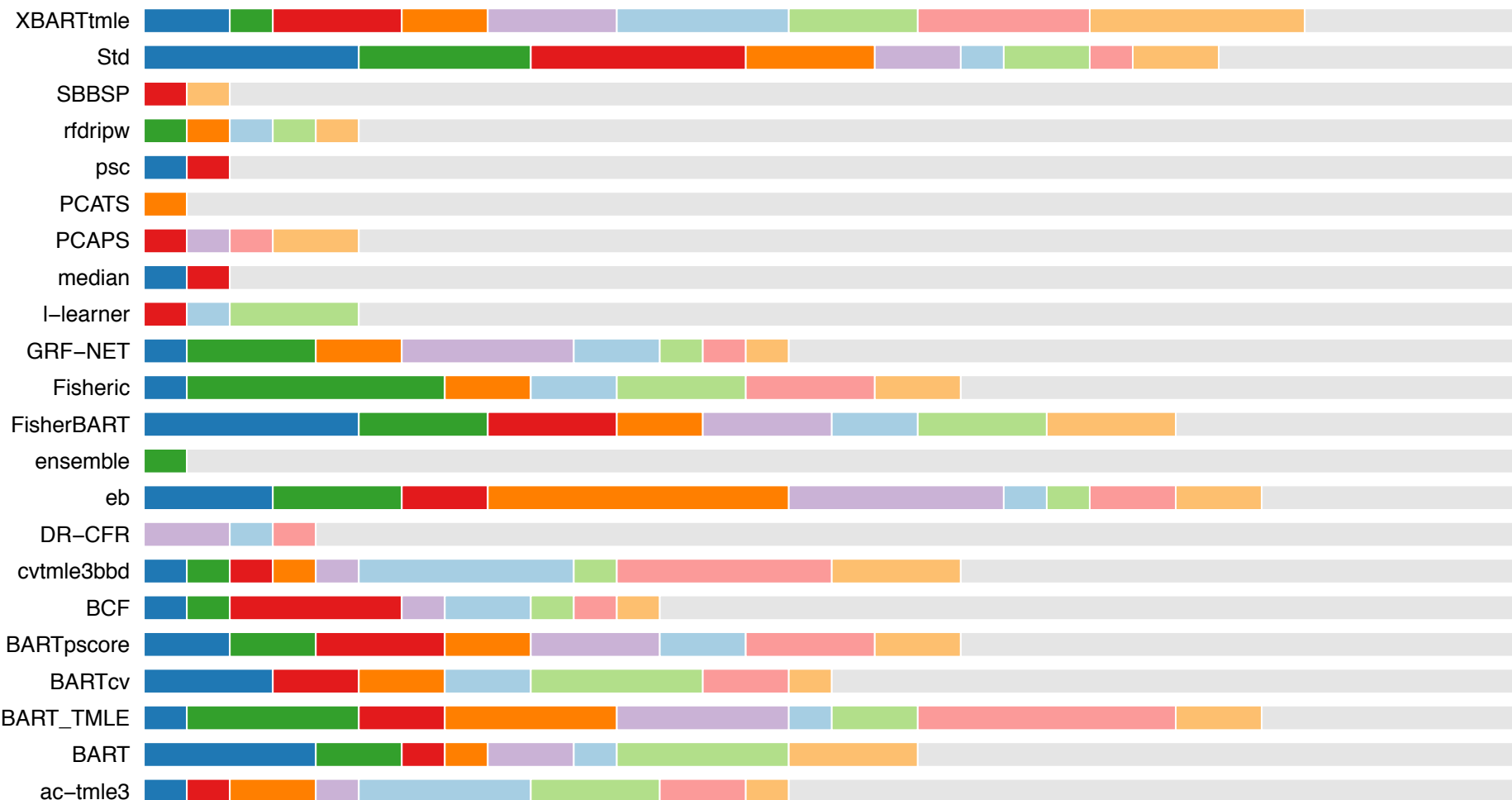
## high Dim: Ranks of Std. Deviation for Each Method All 32 DGPs



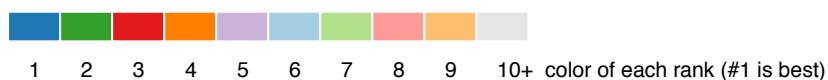
Number of DGPs where Std. Deviation was ranked 1st, 2nd,..., 10+ place



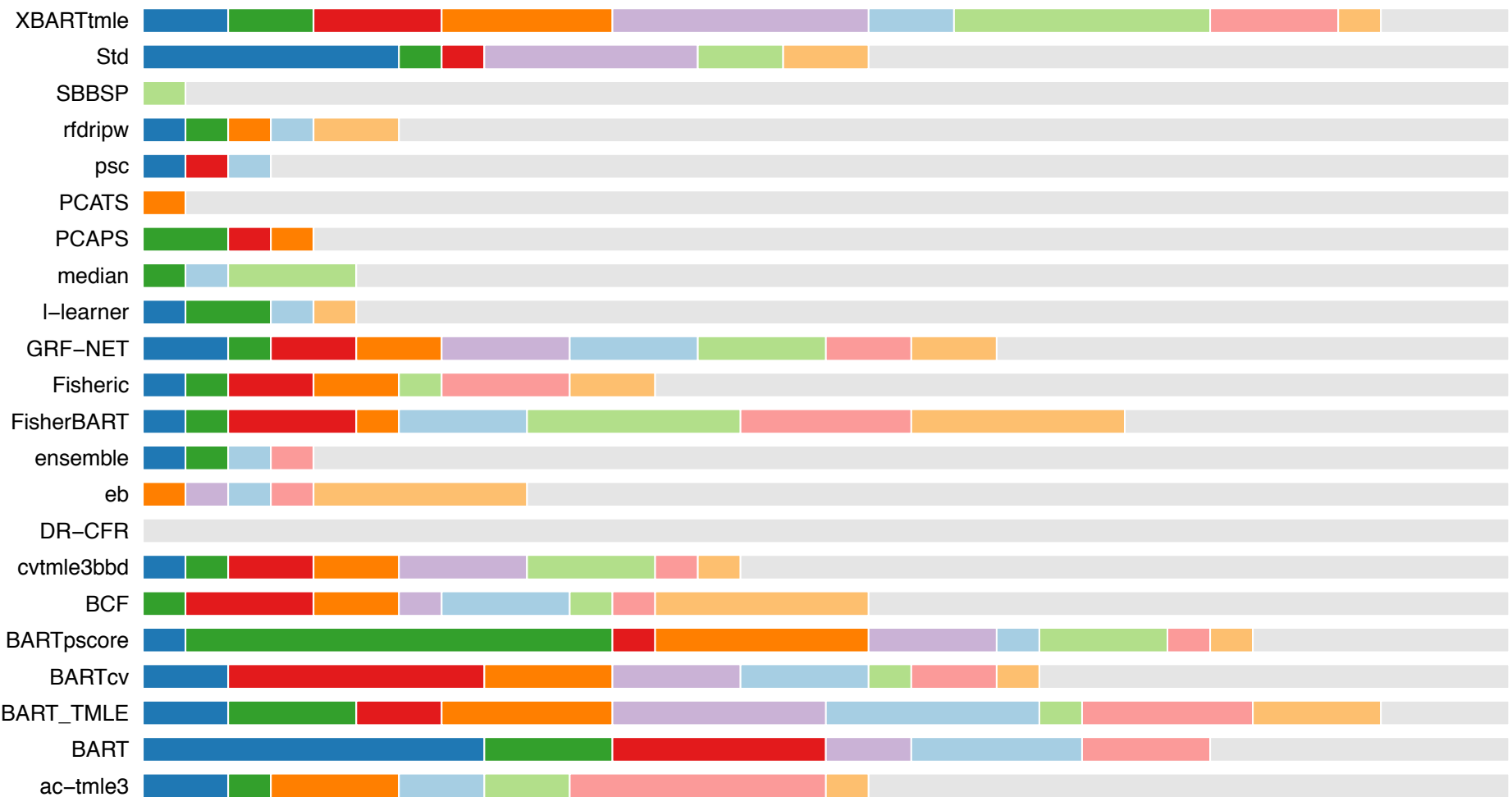
## high Dim: Ranks of Absolute Bias for Each Method All 32 DGPs



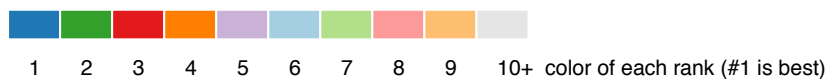
Number of DGPs where Absolute Bias was ranked 1st, 2nd,..., 10+ place



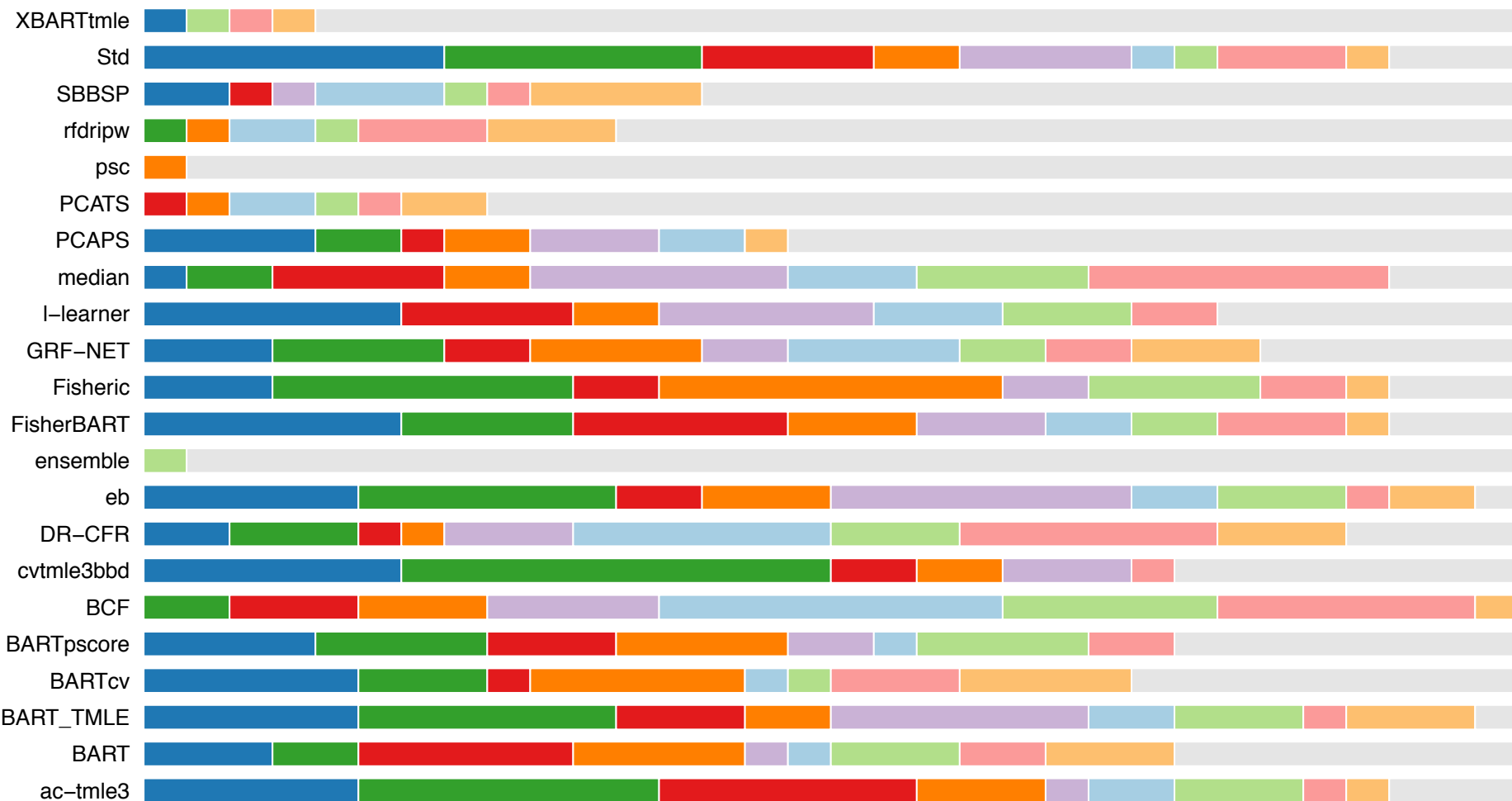
## high Dim: Ranks of Root Mean Squared Error for Each Method All 32 DGPs



Number of DGPs where Root Mean Squared Error was ranked 1st, 2nd,..., 10+ place



## high Dim: Ranks of CI Coverage for Each Method All 32 DGPs



Number of DGPs where CI Coverage was ranked 1st, 2nd,..., 10+ place

