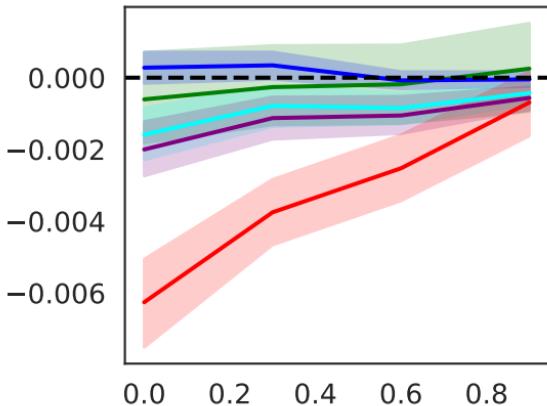
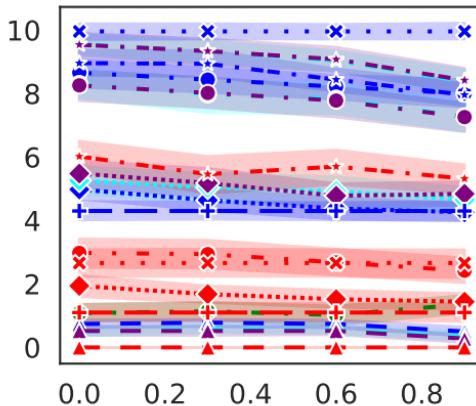


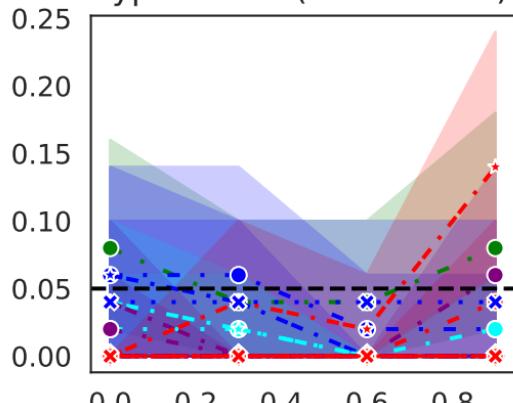
### Importance of artificial null



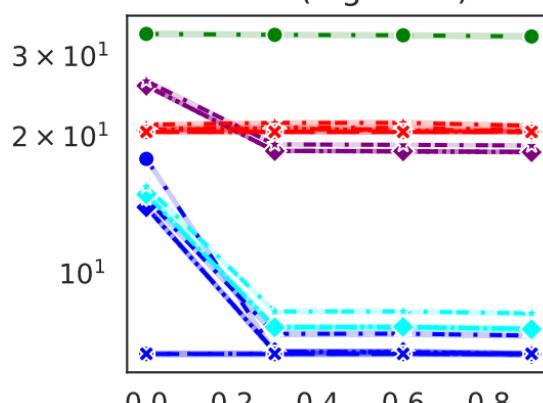
### Discoveries ( $p < 0.05$ )



### Type-I Error (null feature)



### Time (log scale)



# Correlation

### Methods

- LOCO-W
- Sobol-CPI(1)
- ▲ Sobol-CPI(1)\_sqrt
- ◆ Sobol-CPI(1)\_n
- ★ Sobol-CPI(1)\_bt
- Sobol-CPI(10)
- ▲ Sobol-CPI(10)\_sqrt
- ◆ Sobol-CPI(10)\_n
- ★ Sobol-CPI(10)\_bt
- Sobol-CPI(100)
- ▲ Sobol-CPI(100)\_sqrt
- ◆ Sobol-CPI(100)\_n
- ★ Sobol-CPI(100)\_bt
- LOCO
- ▲ LOCO\_sqrt
- ◆ LOCO\_n
- ★ LOCO\_bt
- Sobol-CPI(1)\_ST
- Sobol-CPI(1)\_wilcox
- LOCO\_ST
- LOCO\_wilcox