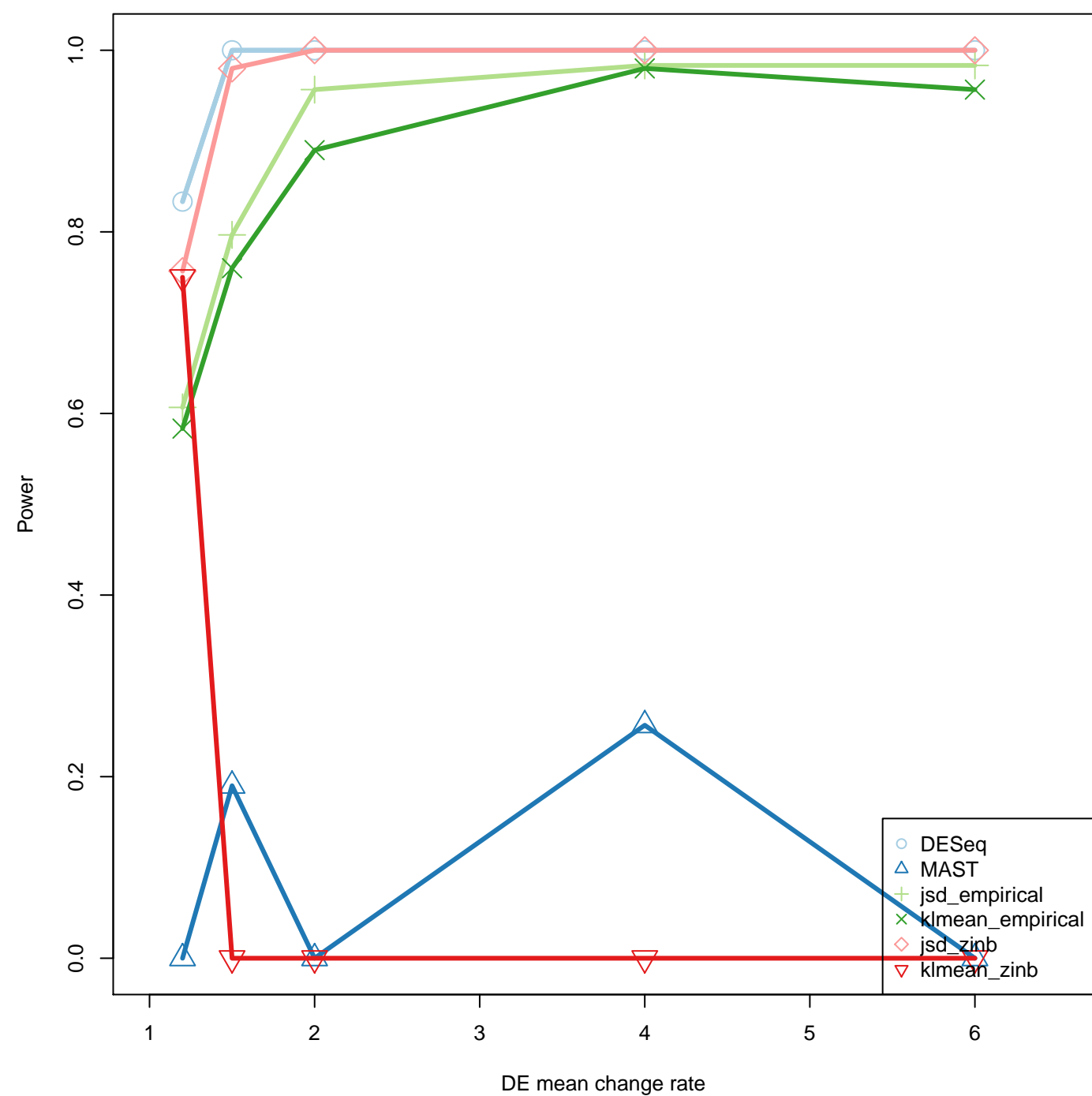**power of mean_diff, for zinb.naive, rep 1**
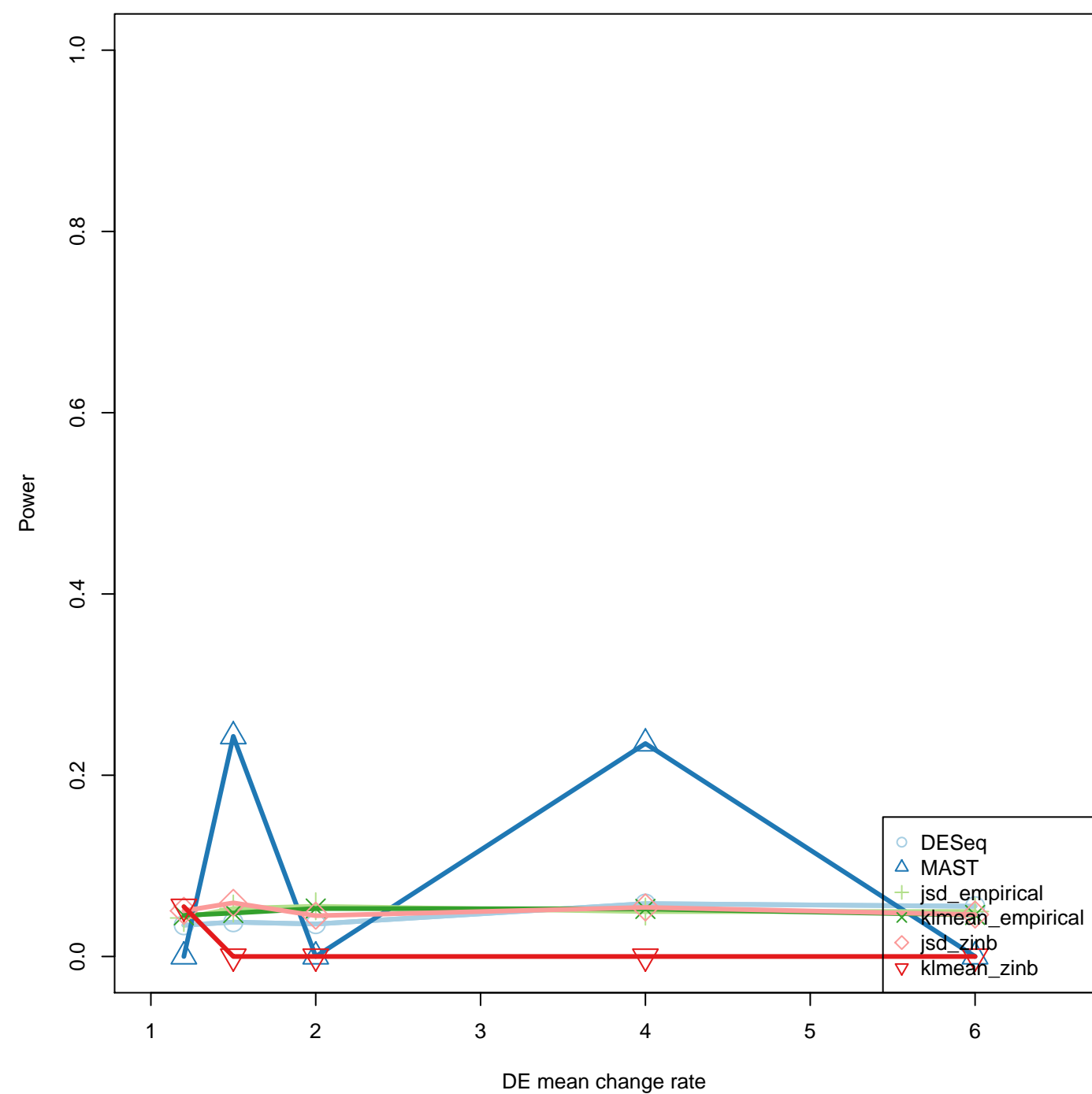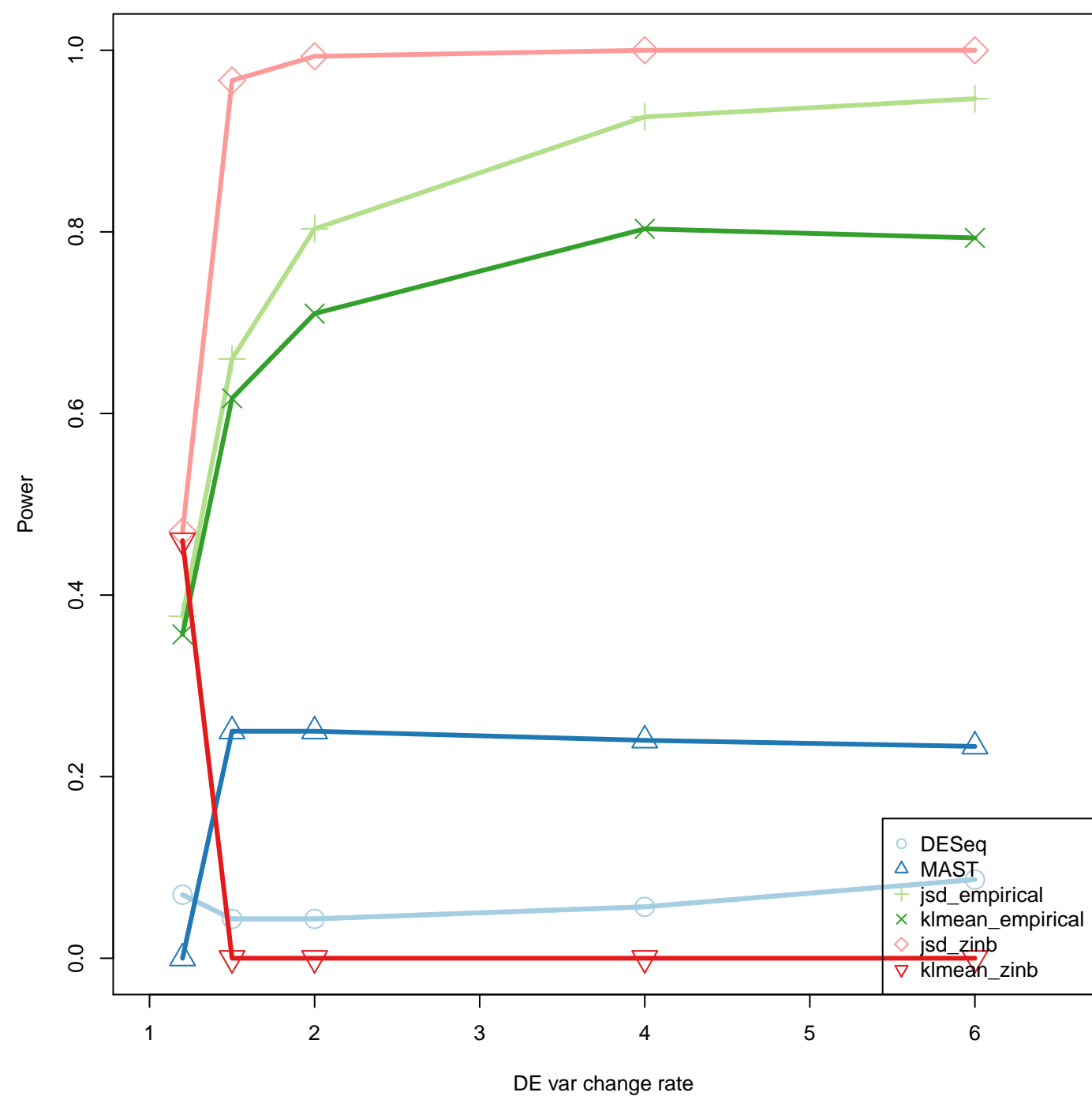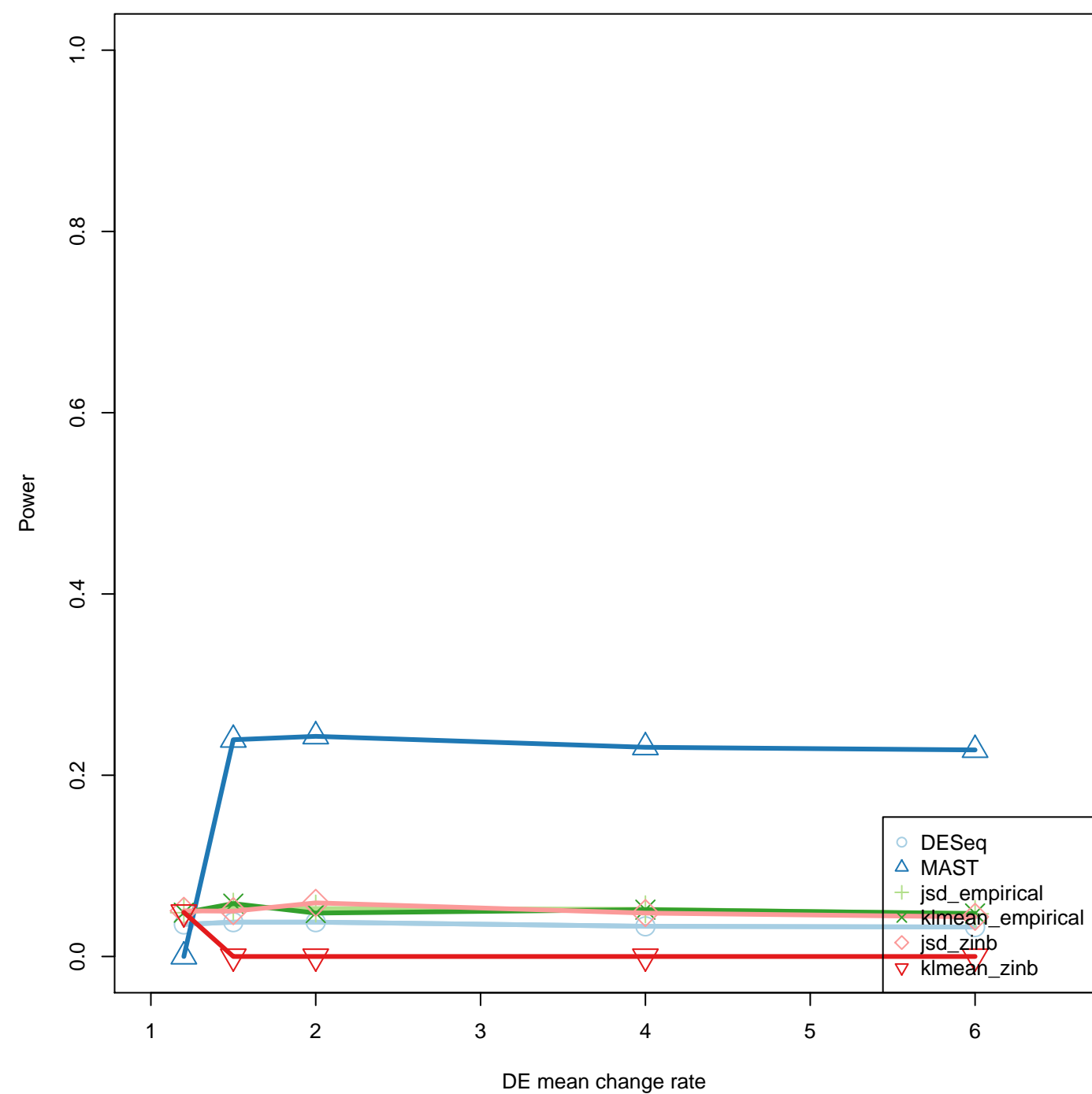
power of control(FDR), for zinb.naive, rep 1
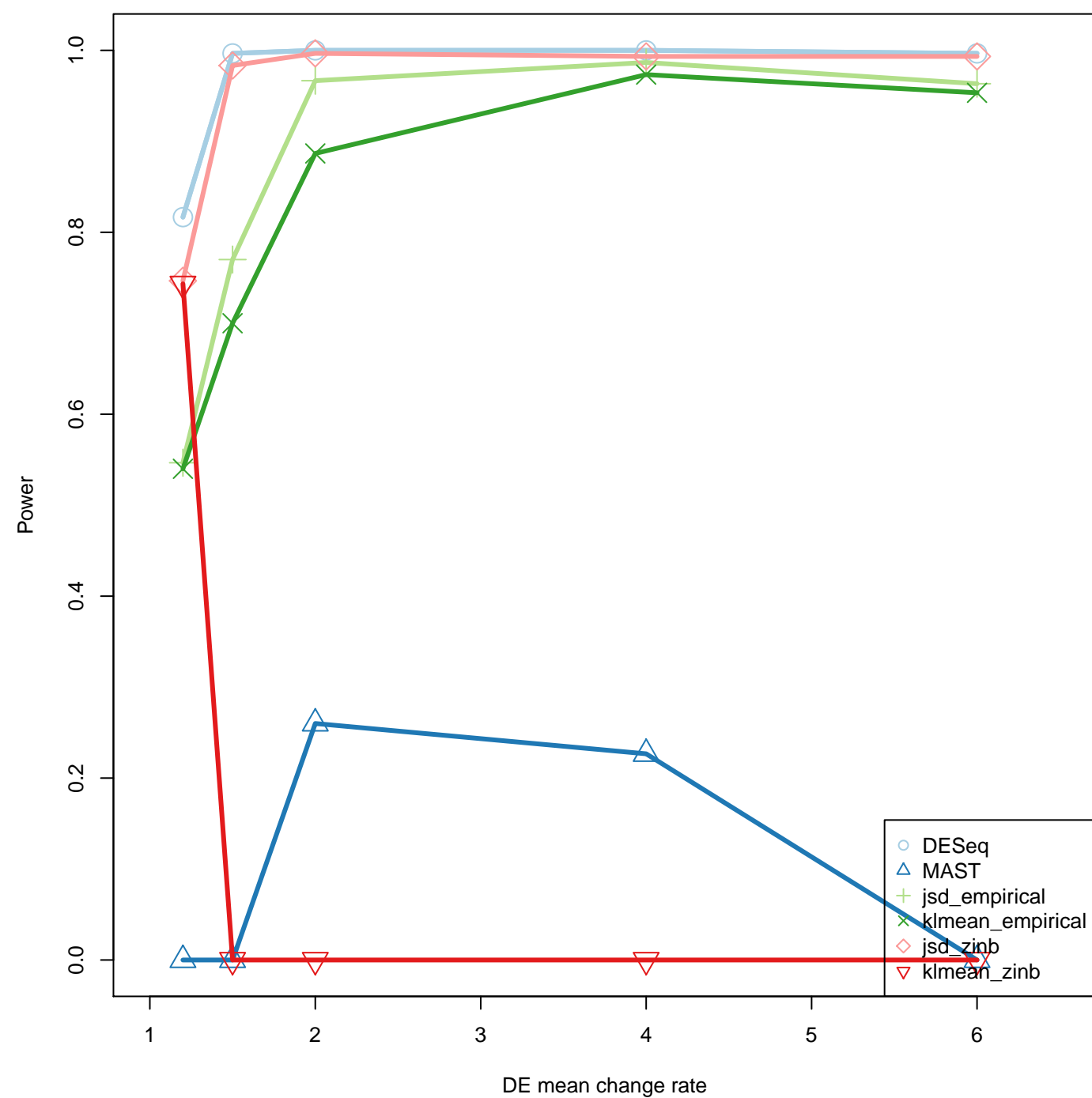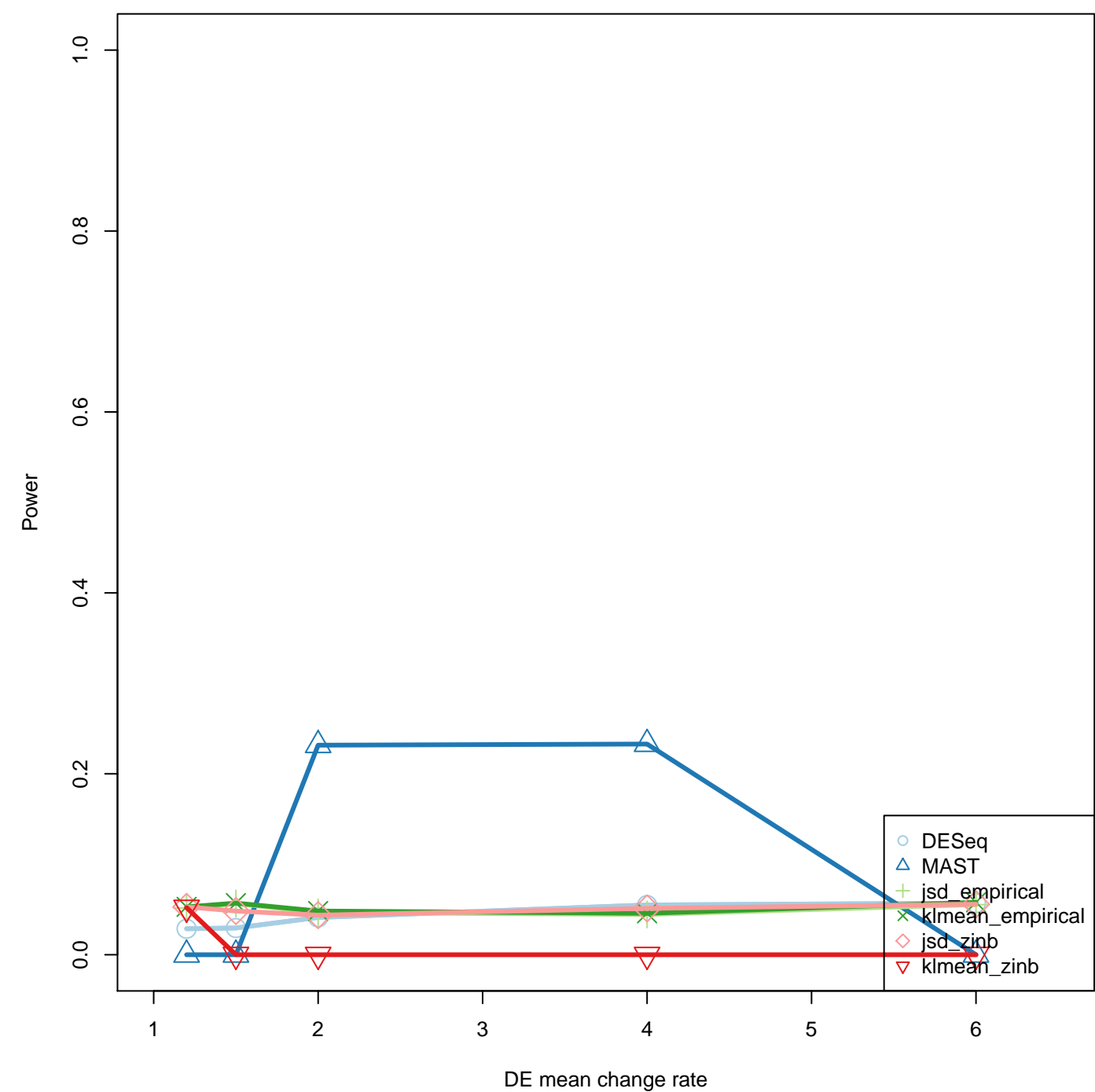
power of var_diff, for zinb.naive, rep 1

power of control(FDR), for zinb.naive, rep 1

power of mean_diff, for zinb.naive, rep 2 (top-left)

power of control(FDR), for zinb.naive, rep 2 (top-right)

power of var_diff, for zinb.naive, rep 2 (bottom-left)

power of control(FDR), for zinb.naive, rep 2 (bottom-right)

Legend (all panels):
- DESeq
- MAST
- jsd_empirical
- klmean_empirical
- jsd_zinb
- klmean_zinb

Top-left axes: y-axis "Power", x-axis "DE mean change rate"
Top-right axes: y-axis "Power", x-axis "DE mean change rate"
Bottom-left axes: y-axis "Power", x-axis "DE var change rate"
Bottom-right axes: y-axis "Power", x-axis "DE mean change rate"
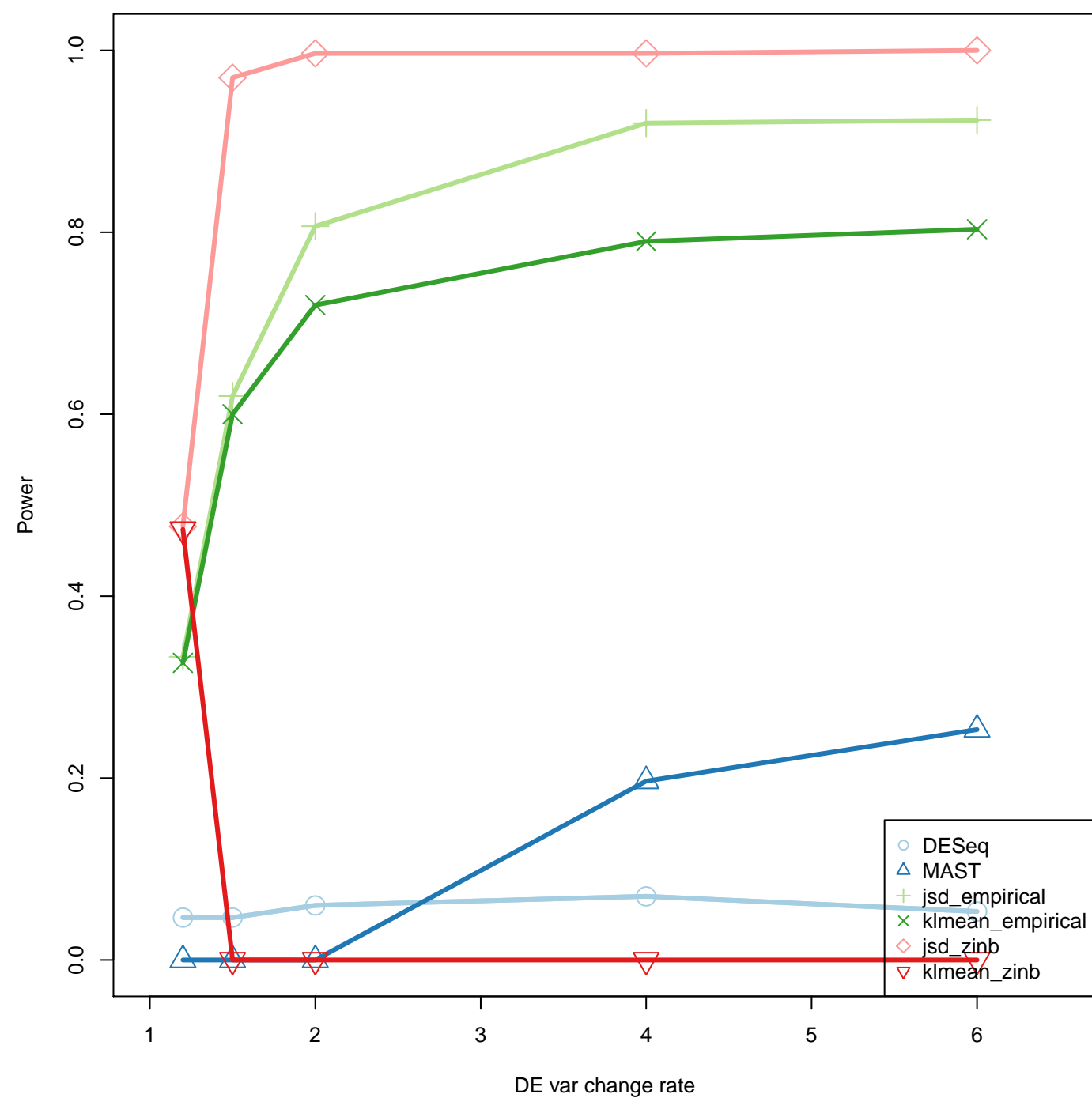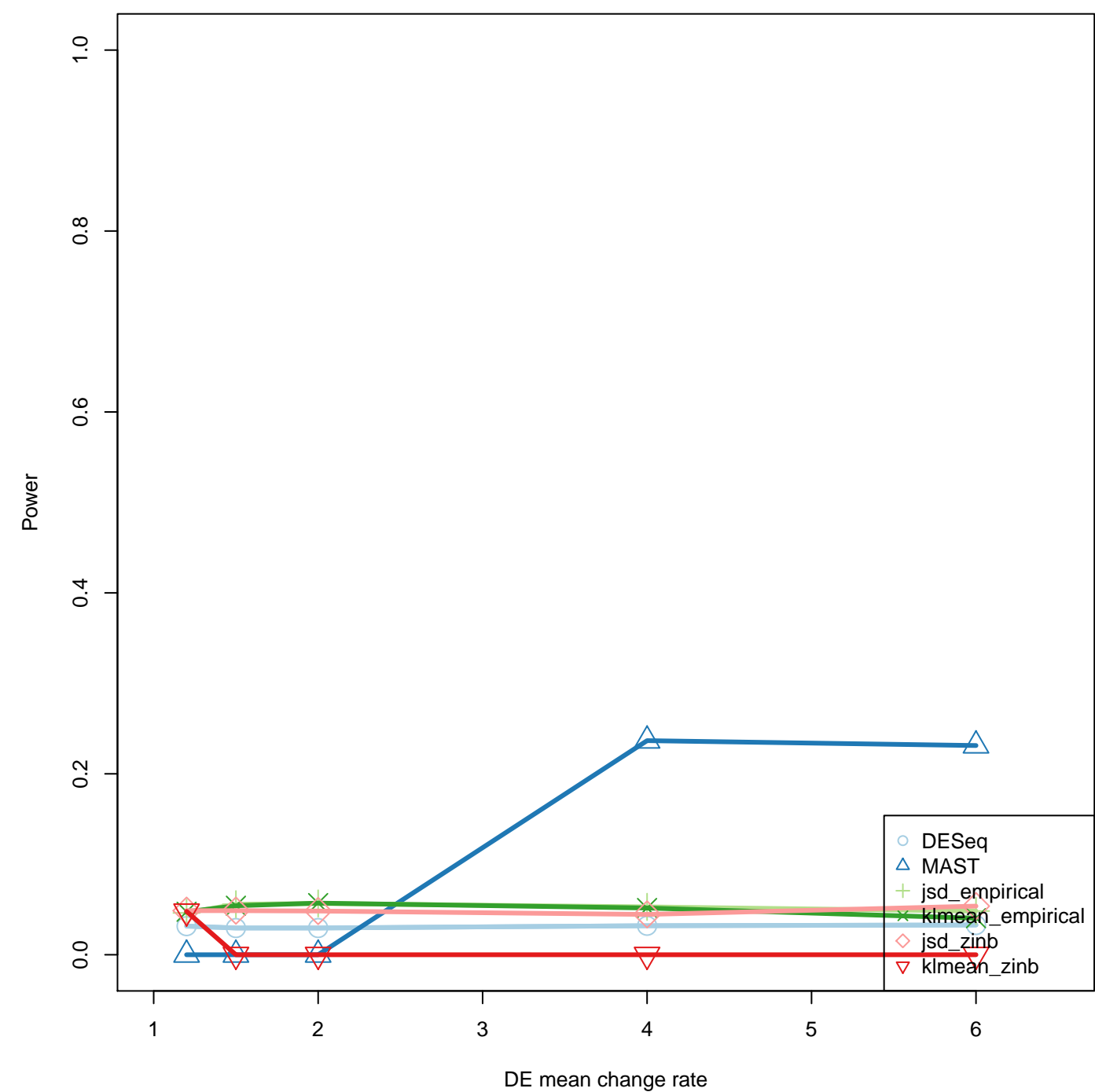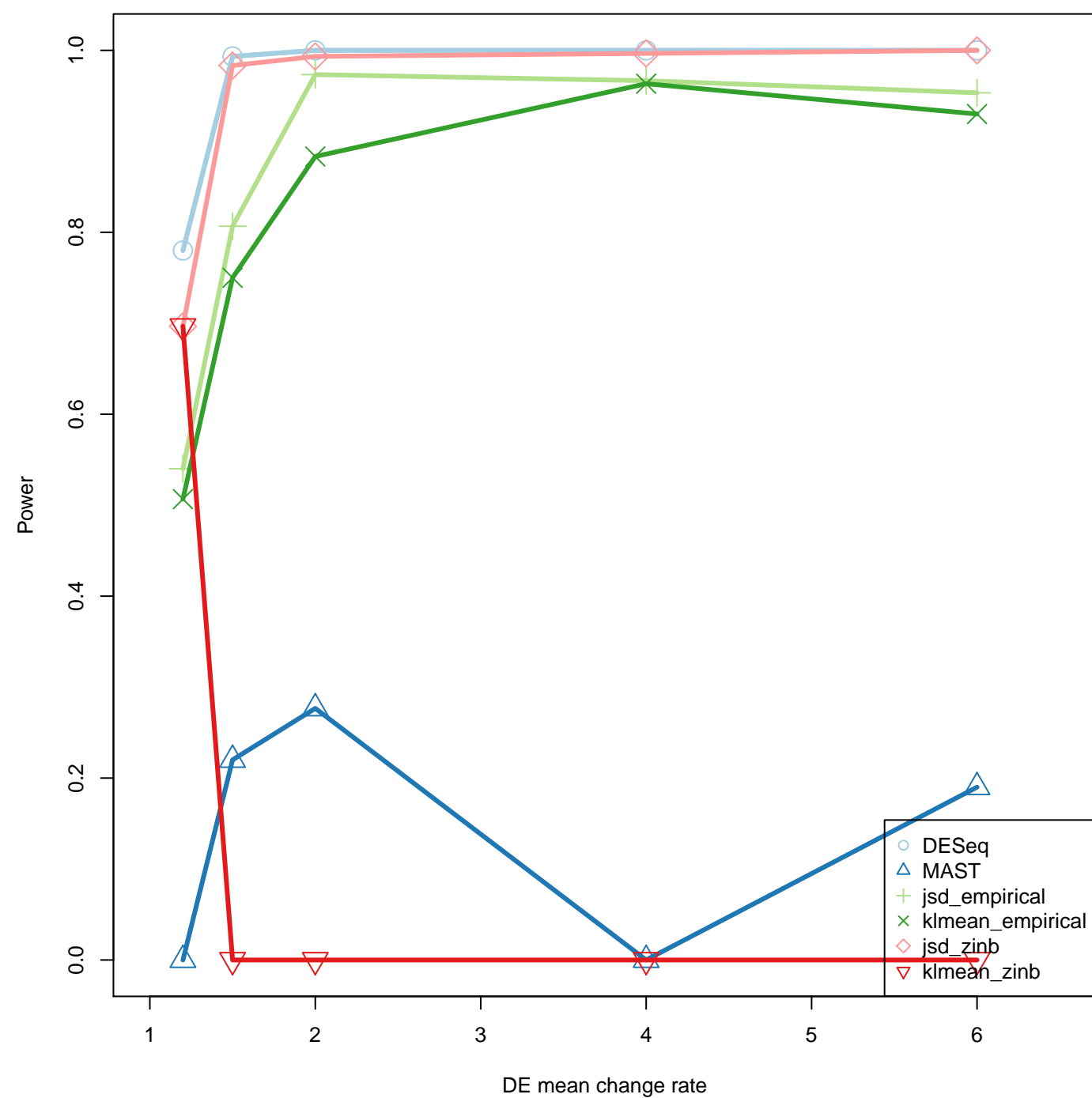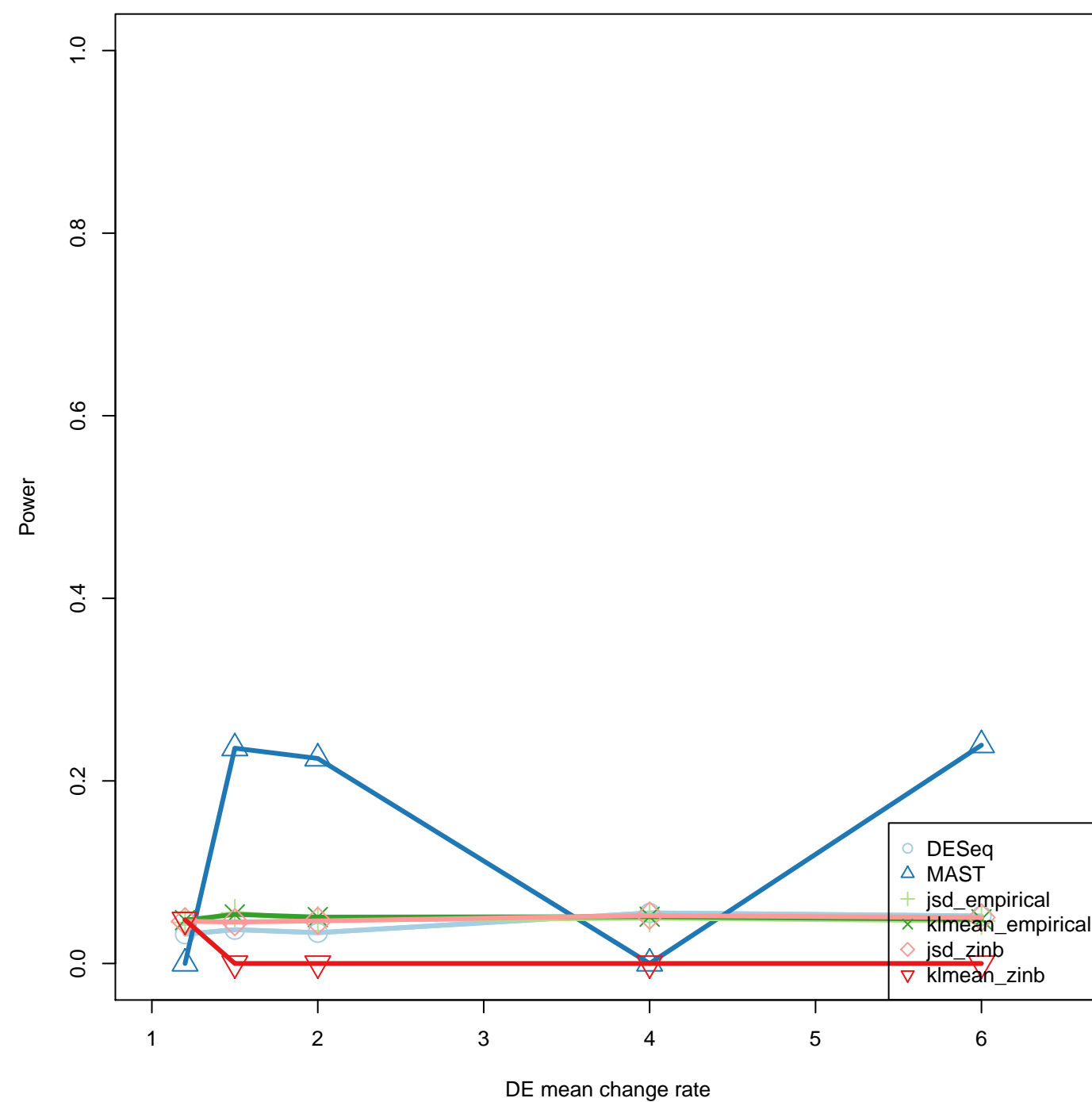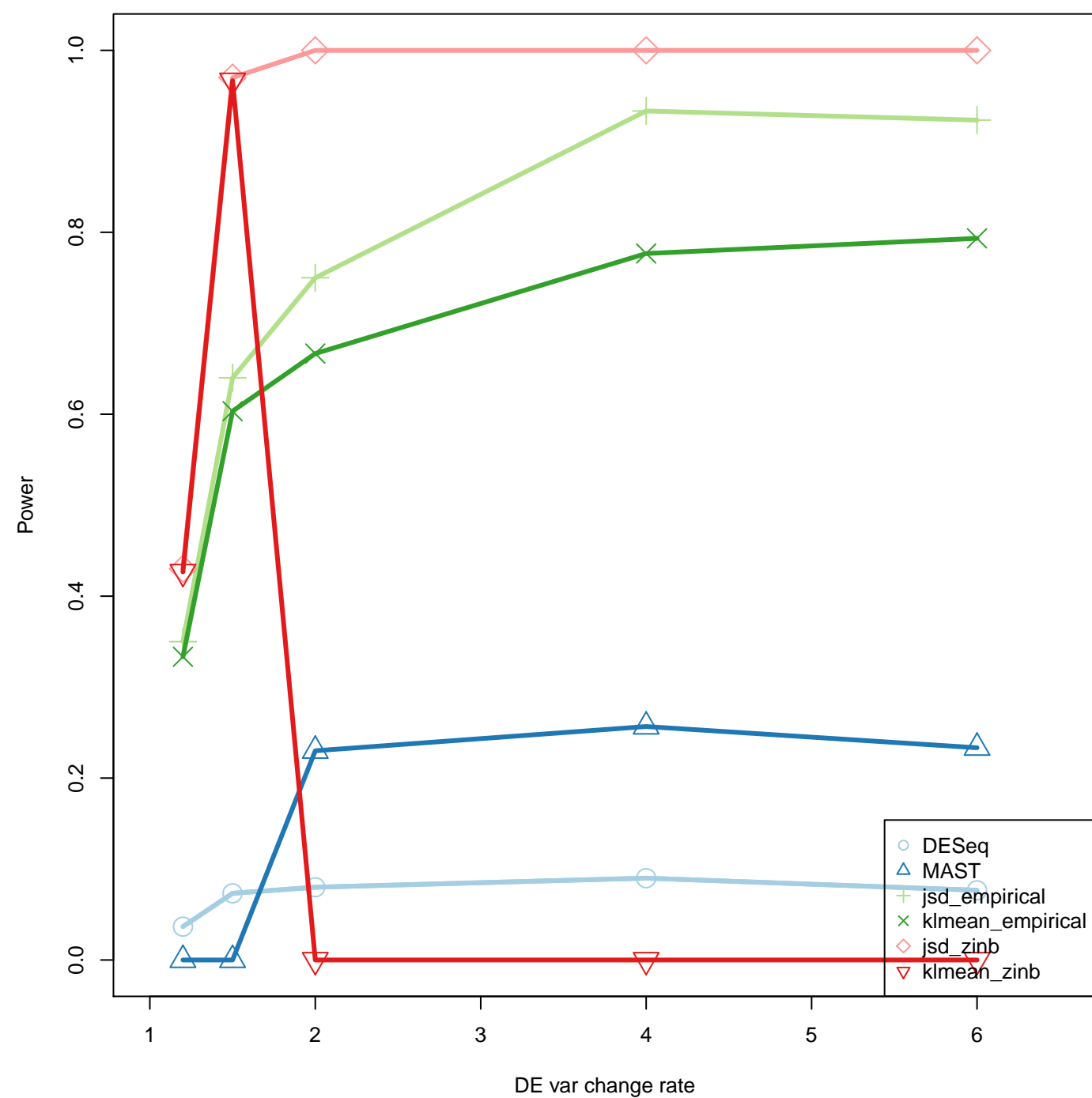
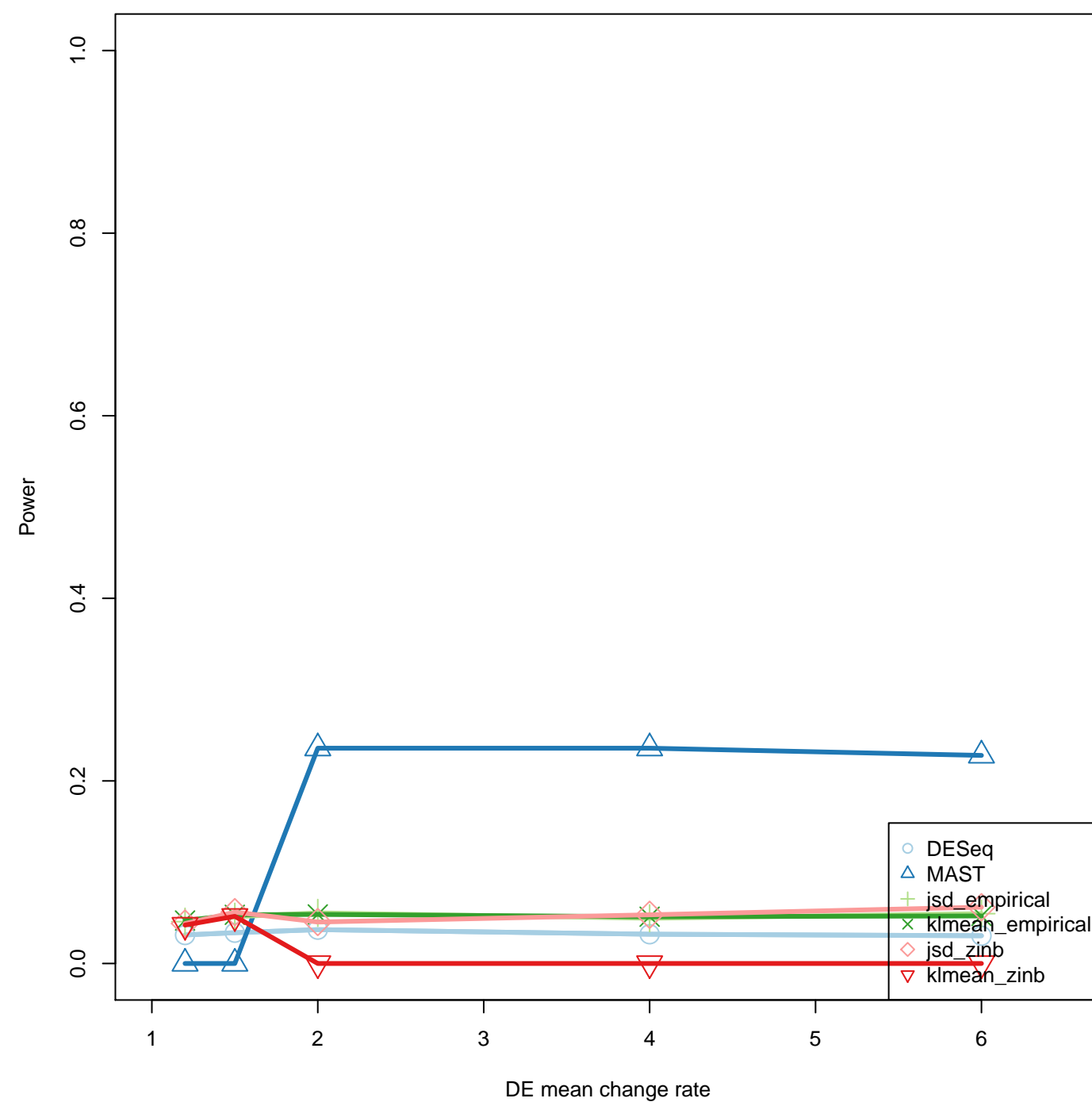**power of mean_diff, for zinb.naive, rep 3**

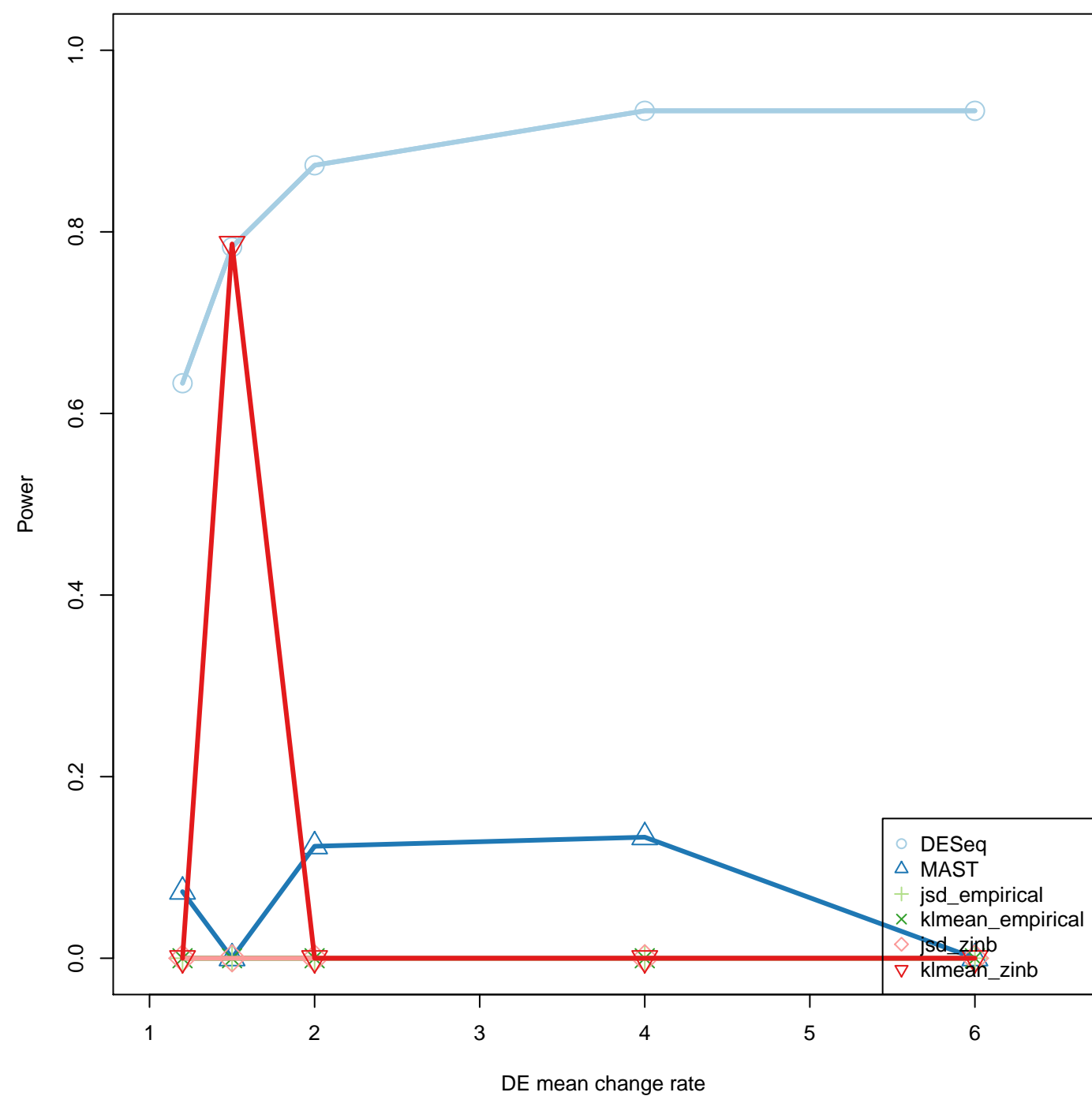**power of control(FDR), for zinb.naive, rep 3**

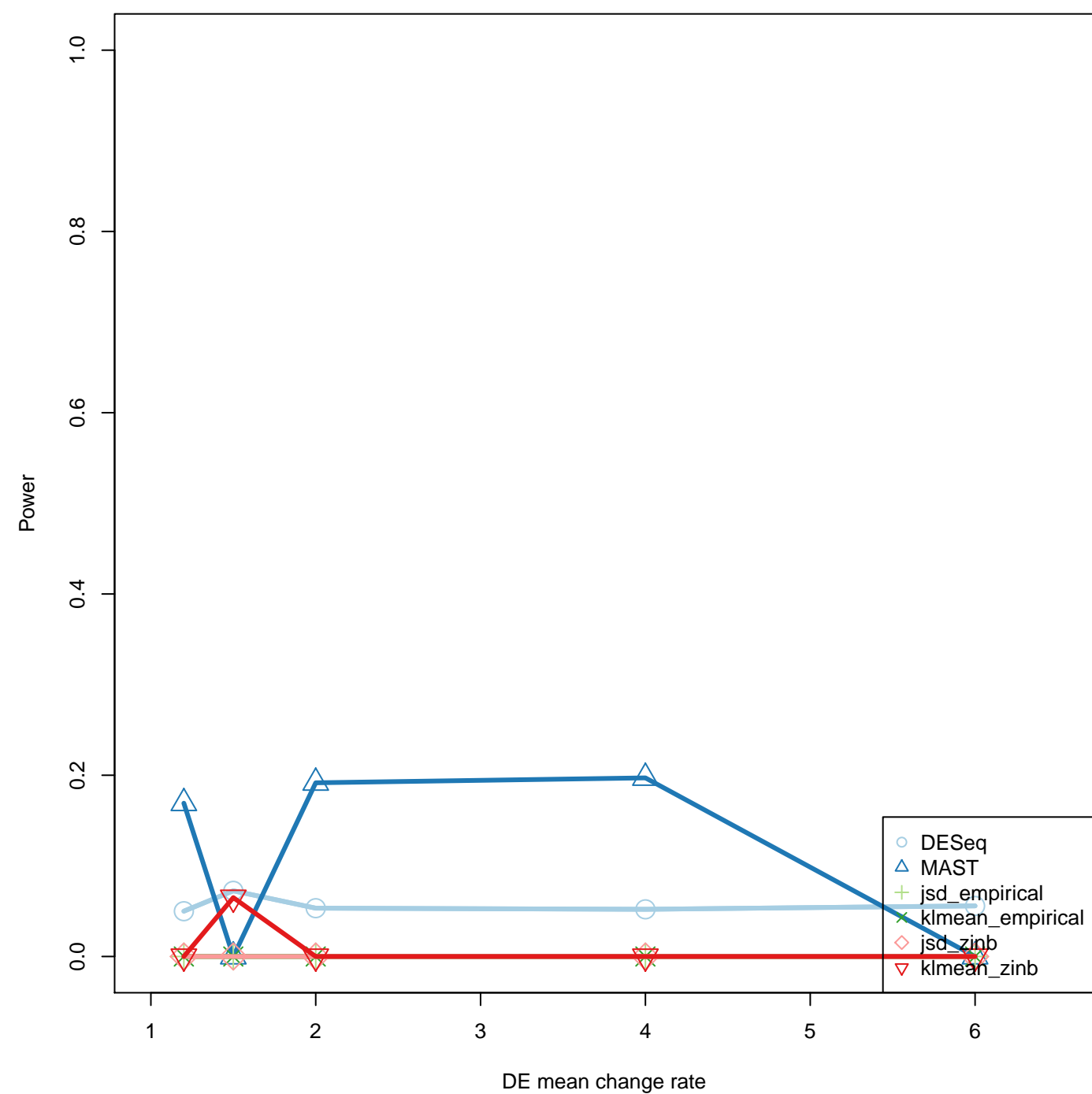**power of var_diff, for zinb.naive, rep 3**

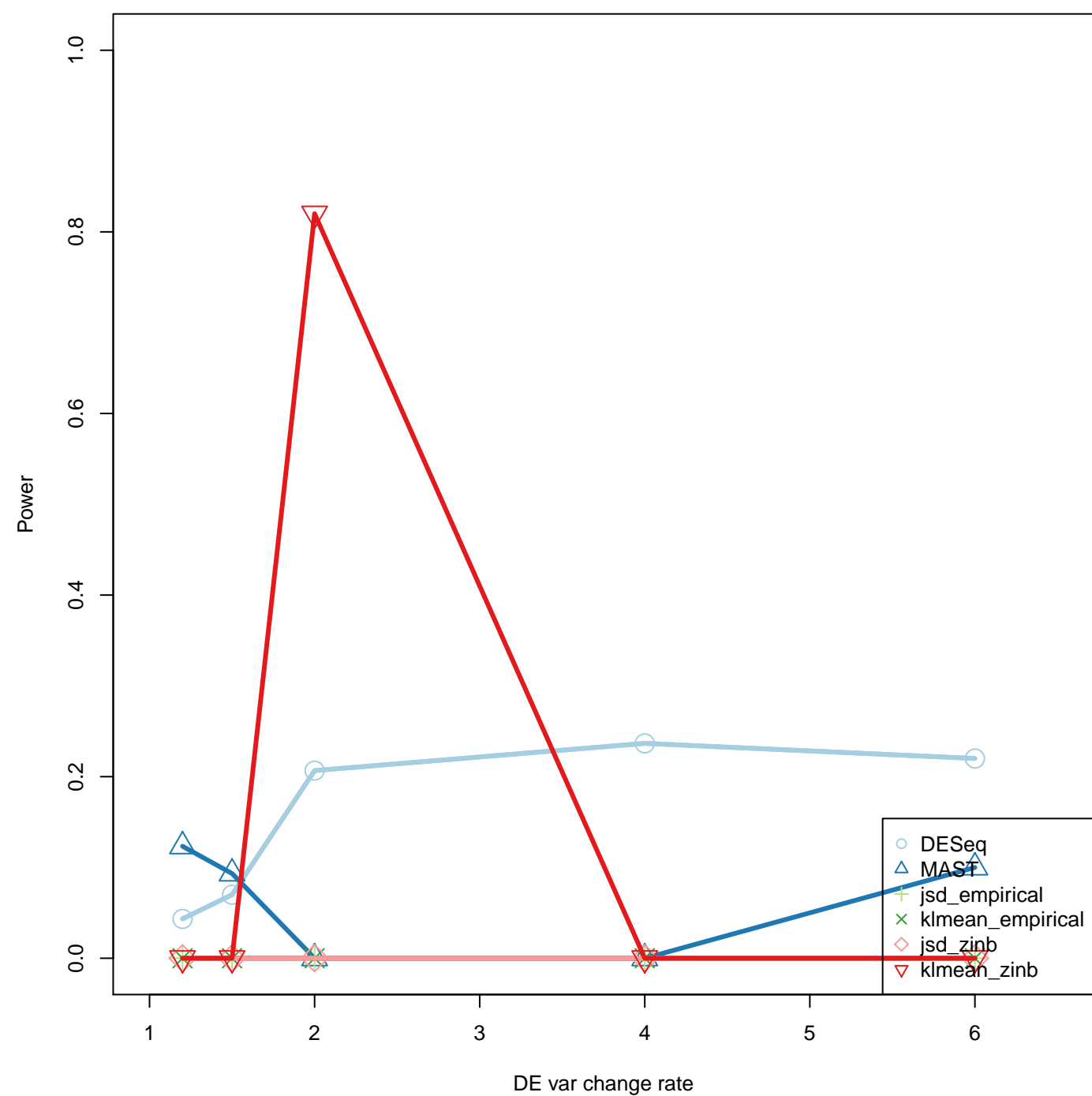**power of control(FDR), for zinb.naive, rep 3**
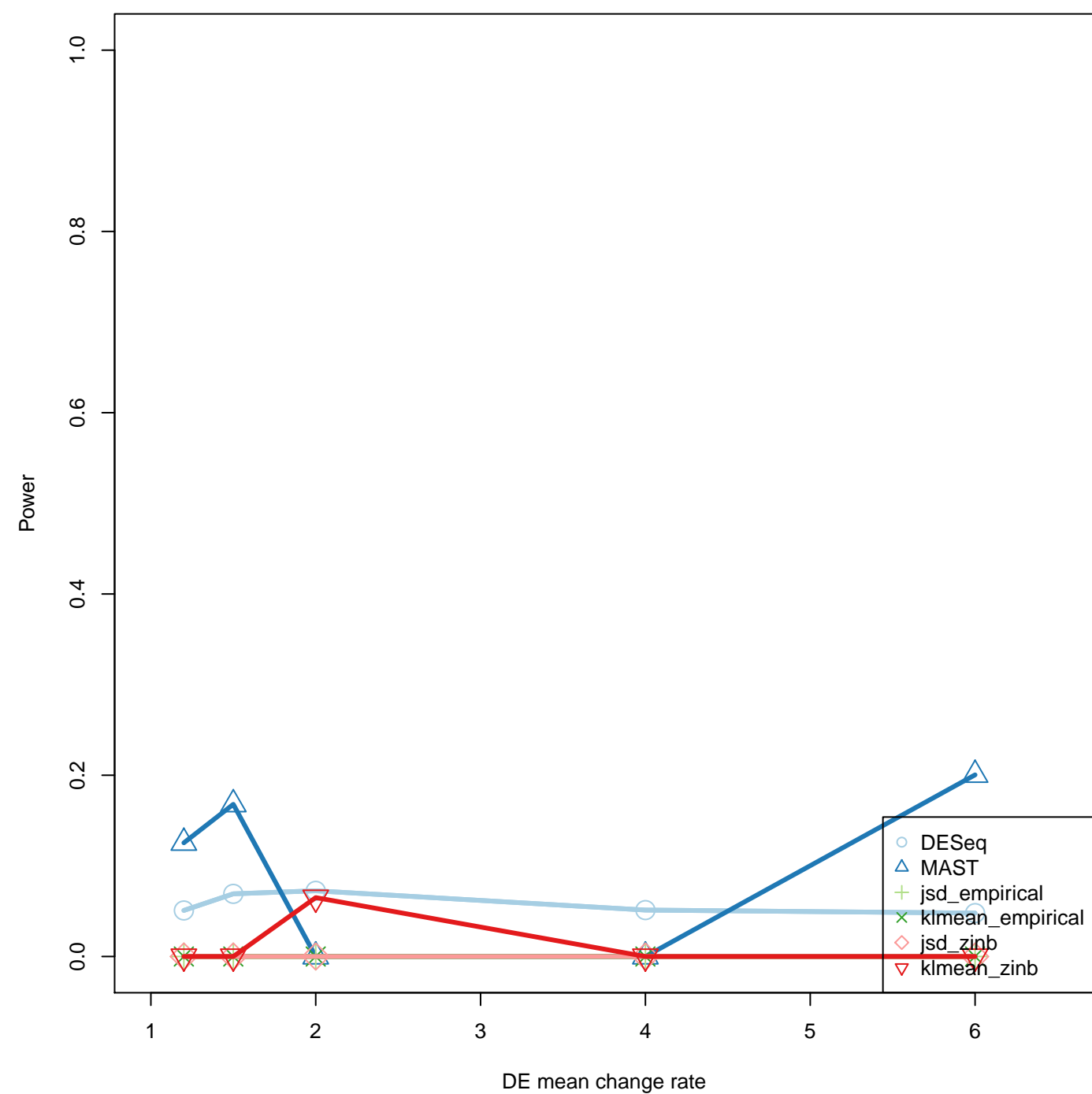
power of mean_diff, for splat.org, rep 1
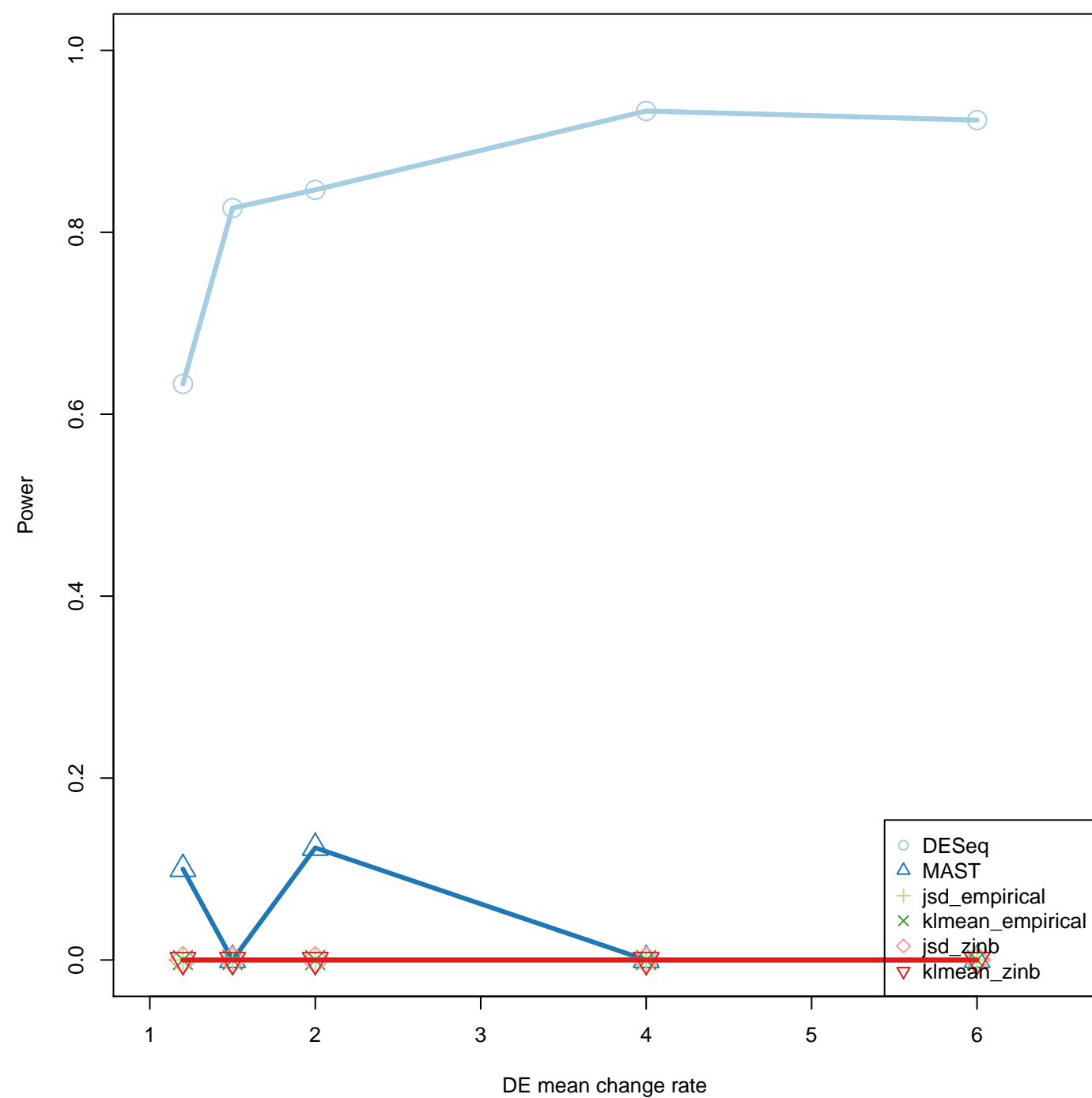
power of control(FDR), for splat.org, rep 1

power of var_diff, for splat.org, rep 1

power of control(FDR), for splat.org, rep 1

Legend (all panels):
- DESeq
- MAST
- jsd_empirical
- klmean_empirical
- jsd_zinb
- klmean_zinb

Axis labels: Power (y-axis); DE mean change rate / DE var change rate (x-axis)

power of mean_diff, for splat.org, rep 2

power of control(FDR), for splat.org, rep 2

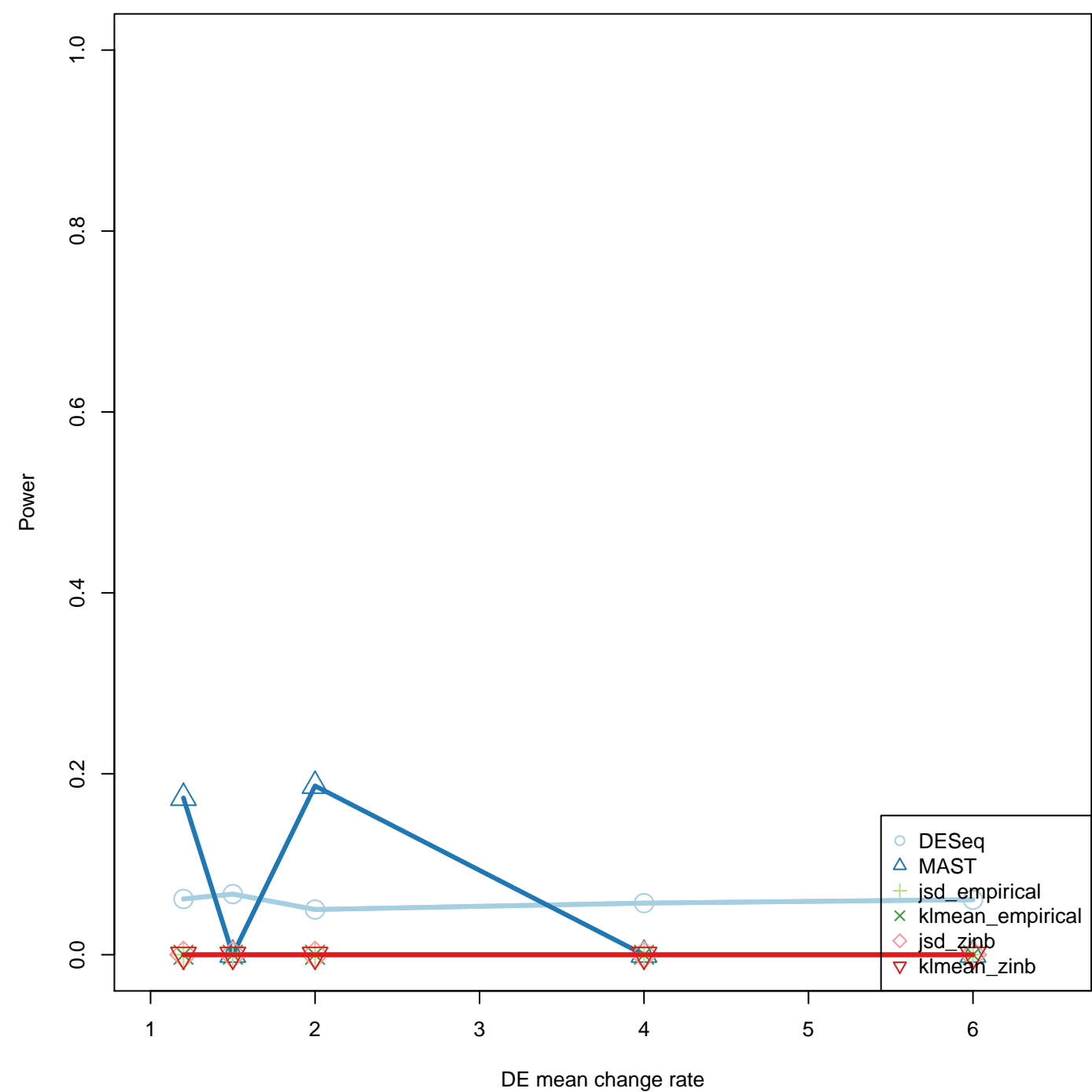**power of var_diff, for splat.org, rep 2**
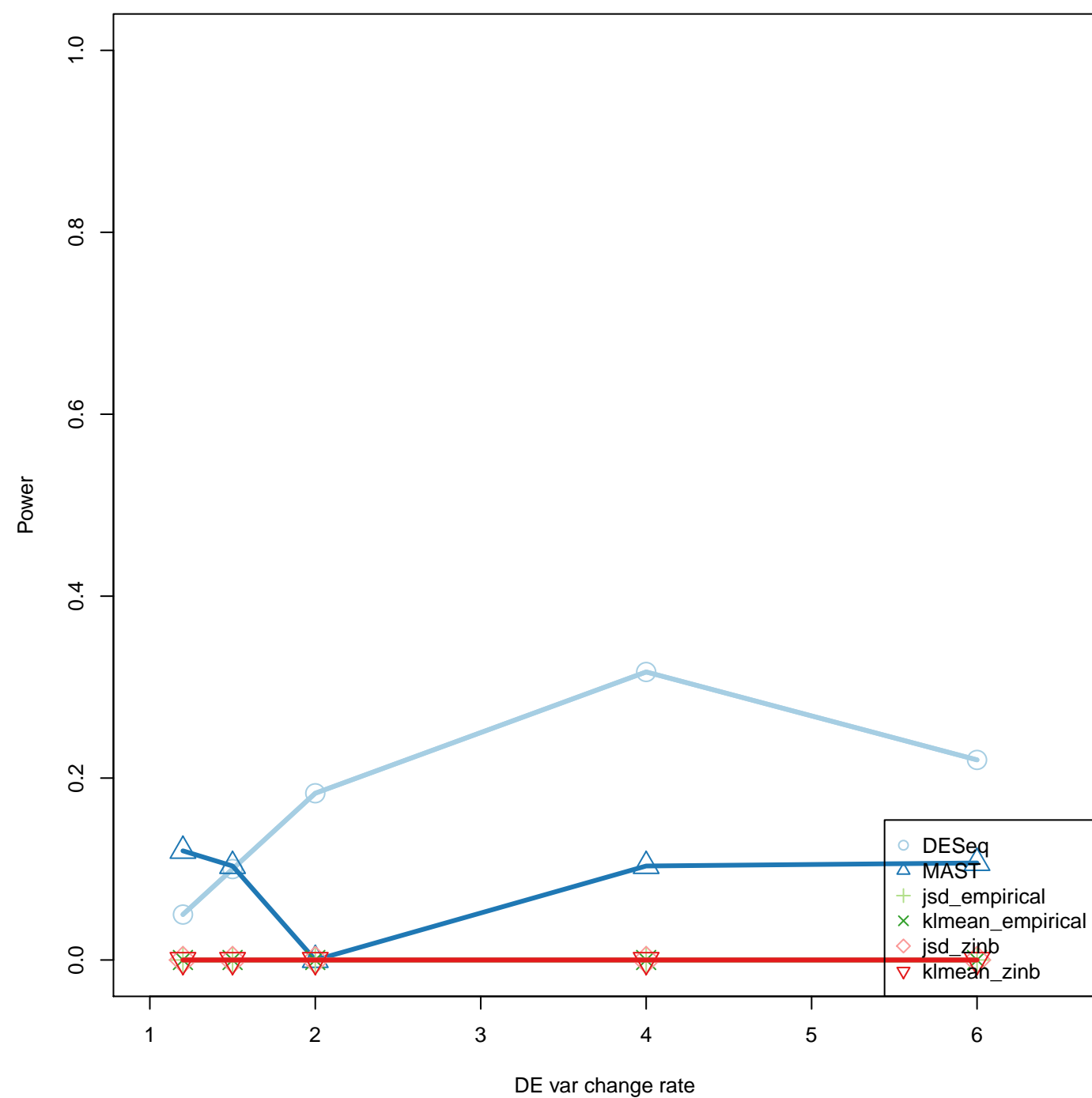
power of control(FDR), for splat.org, rep 2

power of mean_diff, for splat.org, rep 3

power of control(FDR), for splat.org, rep 3

power of var_diff, for splat.org, rep 3

power of control(FDR), for splat.org, rep 3