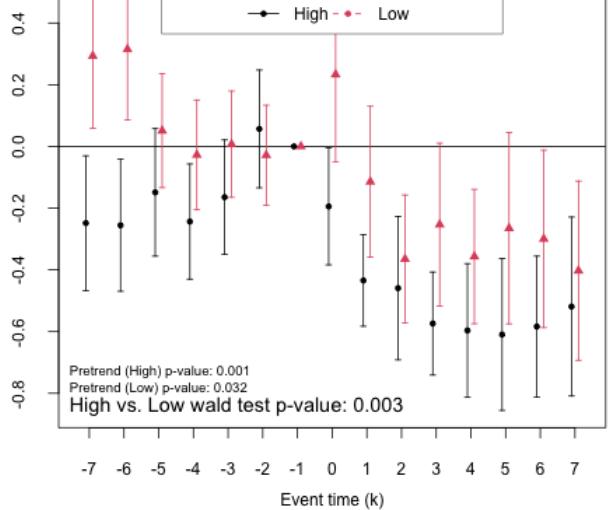


### major\_minor\_release\_count rolling5

**Sample: num-qualified=1**

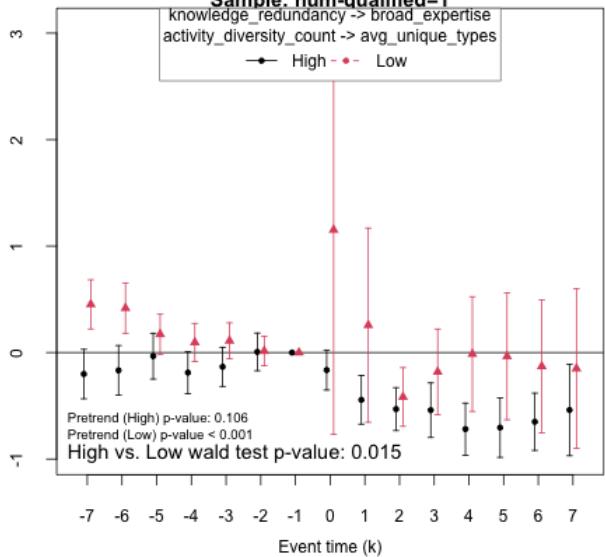
knowledge\_redundancy -> broad\_expertise  
 activity\_diversity\_count -> avg\_unique\_types  
 ● High ▲ Low



### overall\_new\_release\_count rolling5

**Sample: num-qualified=1**

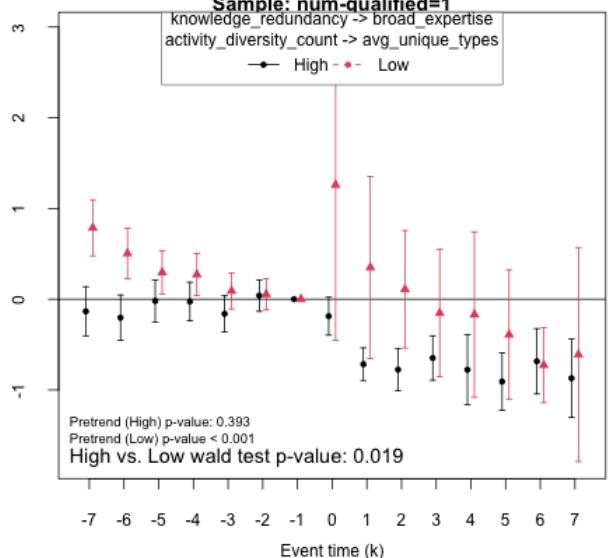
knowledge\_redundancy -> broad\_expertise  
 activity\_diversity\_count -> avg\_unique\_types  
 ● High ▲ Low



### pull\_request\_merged rolling5

**Sample: num-qualified=1**

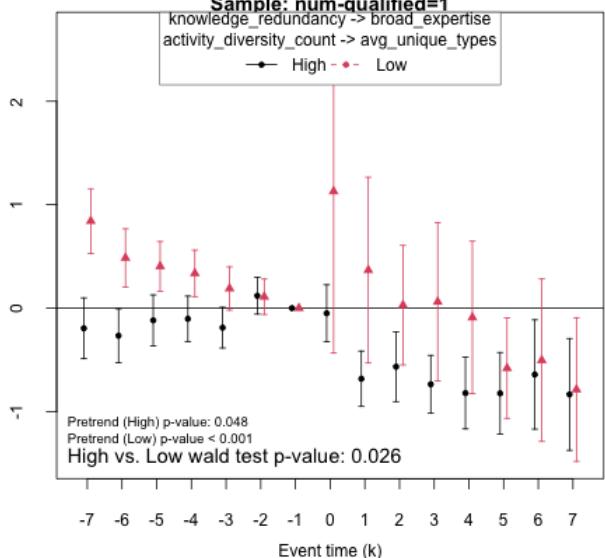
knowledge\_redundancy -> broad\_expertise  
 activity\_diversity\_count -> avg\_unique\_types  
 ● High ▲ Low



### pull\_request\_opened rolling5

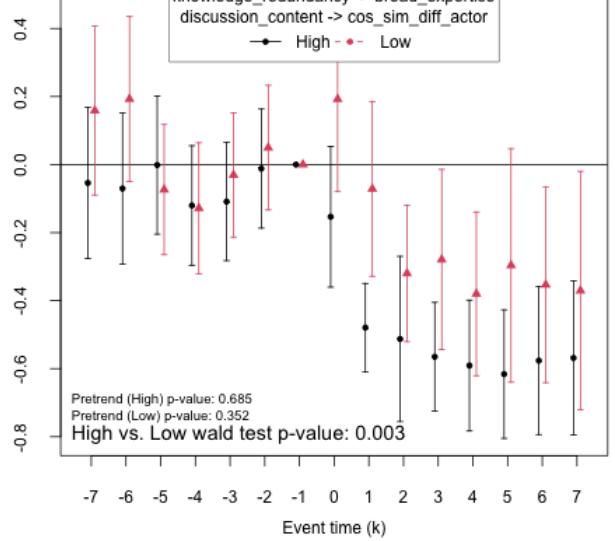
**Sample: num-qualified=1**

knowledge\_redundancy -> broad\_expertise  
 activity\_diversity\_count -> avg\_unique\_types  
 ● High ▲ Low

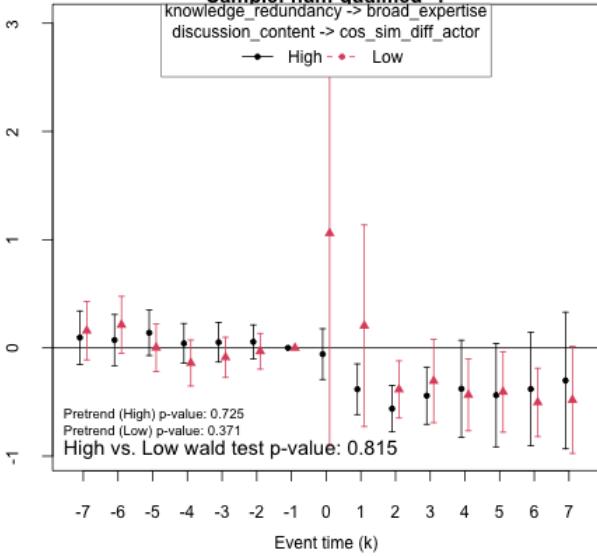


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_diff\_actor

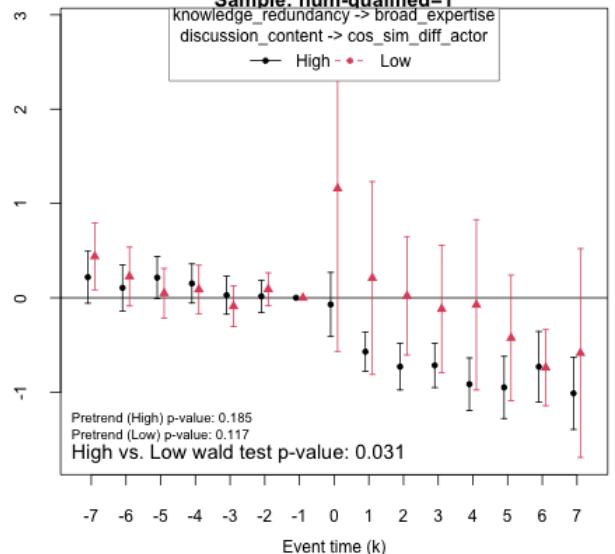
● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_diff\_actor

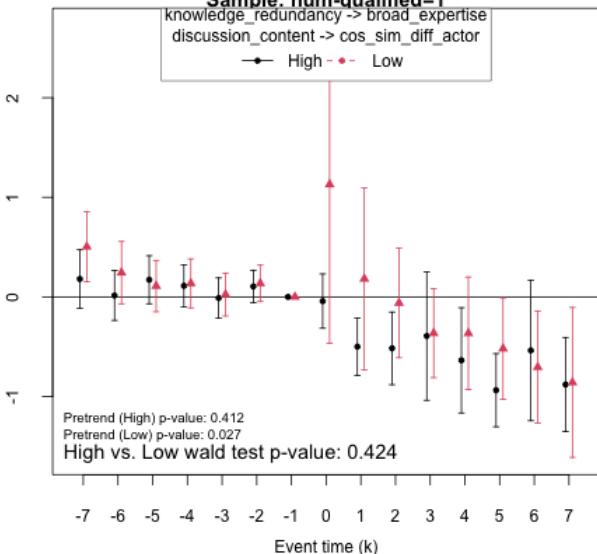
● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_diff\_actor

● High ▲ Low

**pull\_request\_opened rolling5****Sample: num-qualified=1**knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_diff\_actor

● High ▲ Low

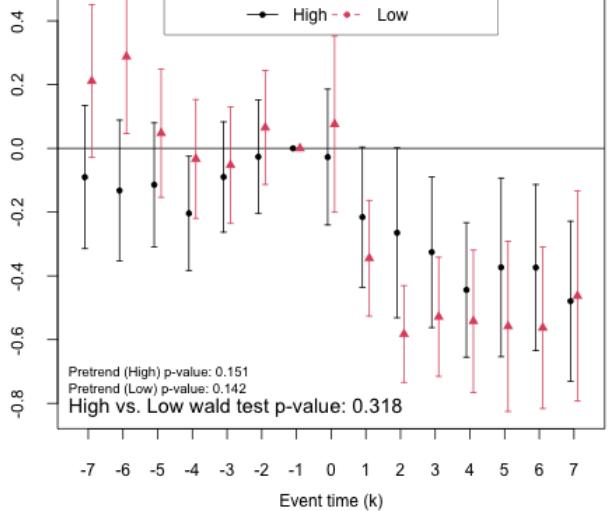


### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_same\_actor

● High ▲ Low

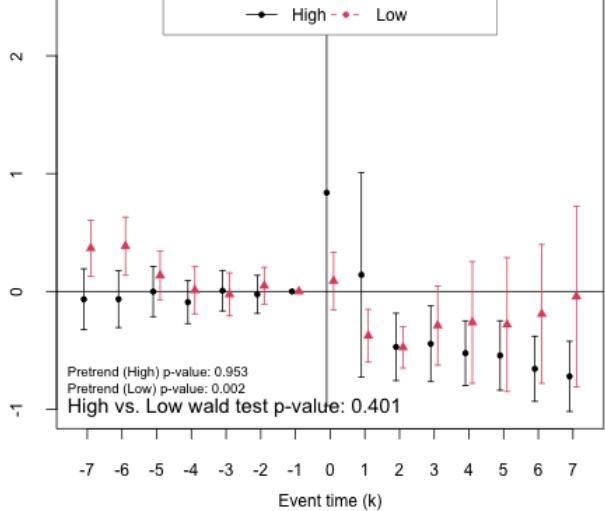


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_same\_actor

● High ▲ Low

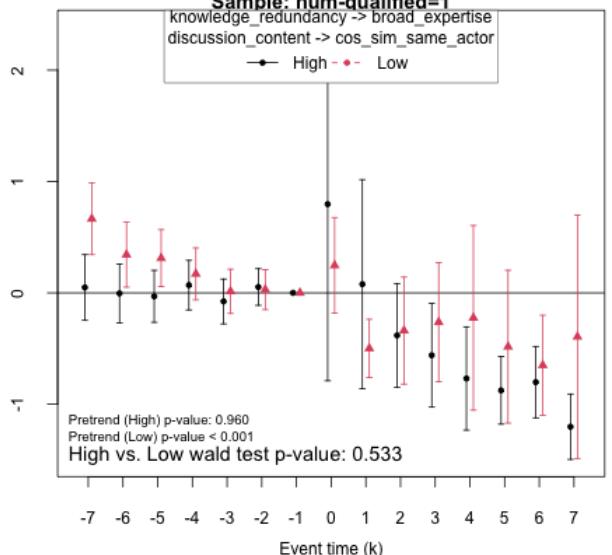


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_same\_actor

● High ▲ Low

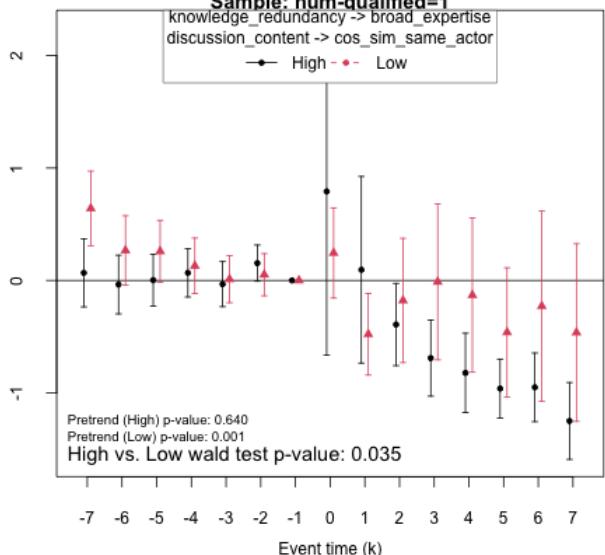


### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
discussion\_content -> cos\_sim\_same\_actor

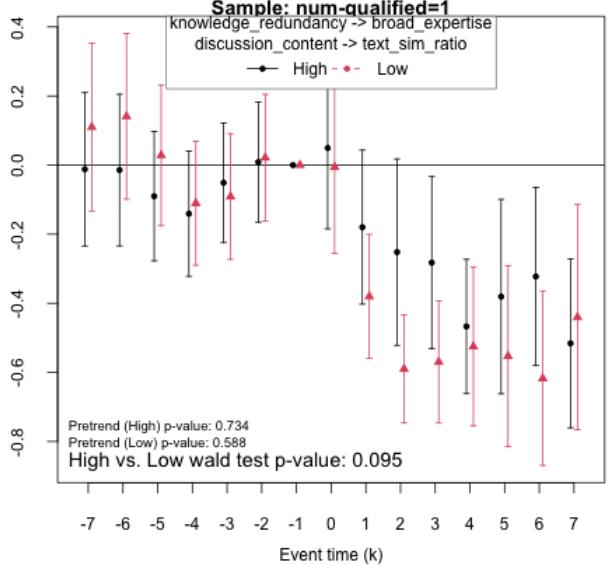
● High ▲ Low



**major\_minor\_release\_count rolling5****Sample: num-qualified=1**

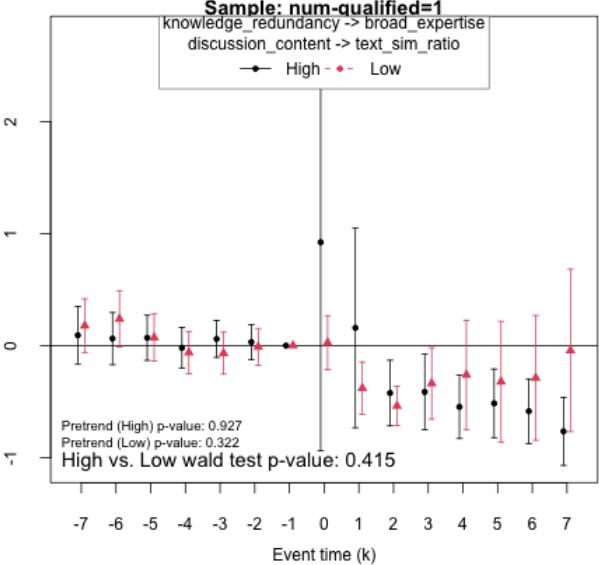
knowledge\_redundancy -> broad\_expertise  
 discussion\_content -> text\_sim\_ratio

- High
- Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**

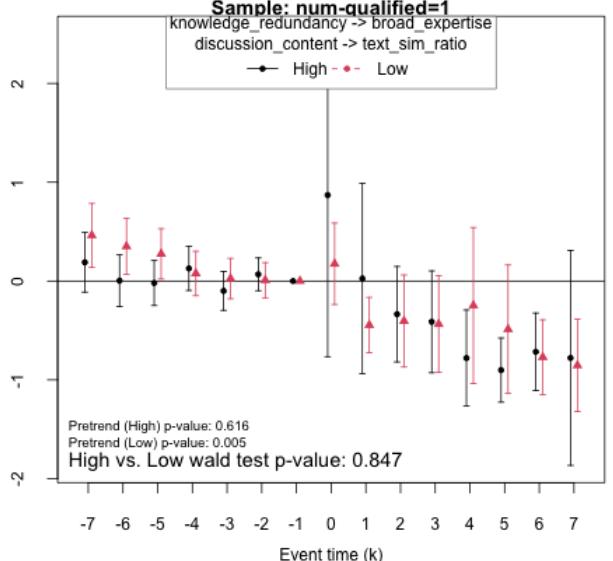
knowledge\_redundancy -> broad\_expertise  
 discussion\_content -> text\_sim\_ratio

- High
- Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**

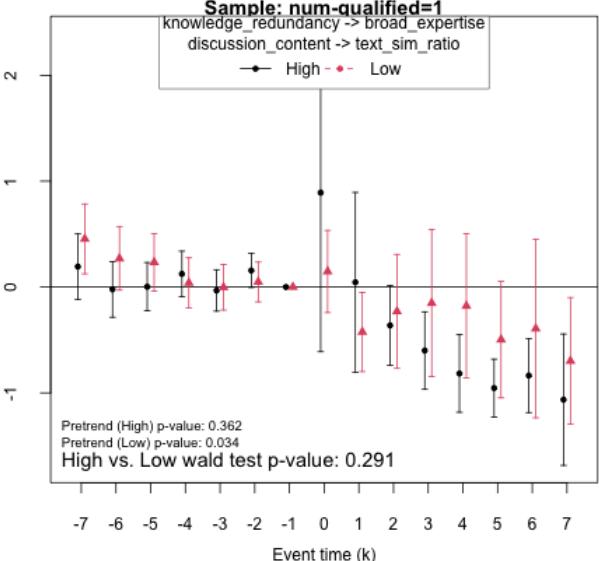
knowledge\_redundancy -> broad\_expertise  
 discussion\_content -> text\_sim\_ratio

- High
- Low

**pull\_request\_opened rolling5****Sample: num-qualified=1**

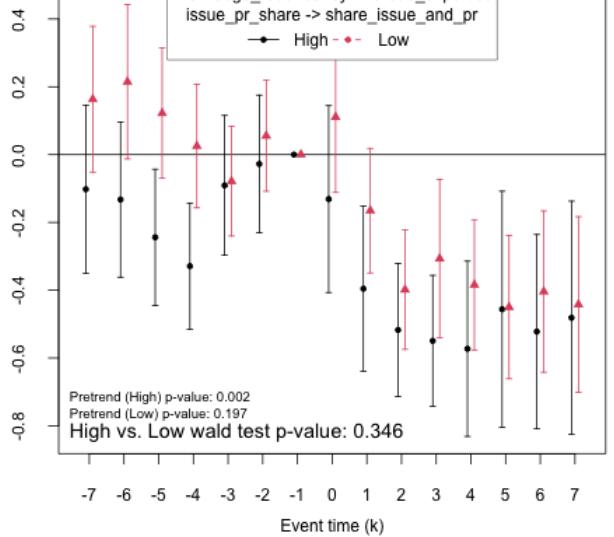
knowledge\_redundancy -> broad\_expertise  
 discussion\_content -> text\_sim\_ratio

- High
- Low

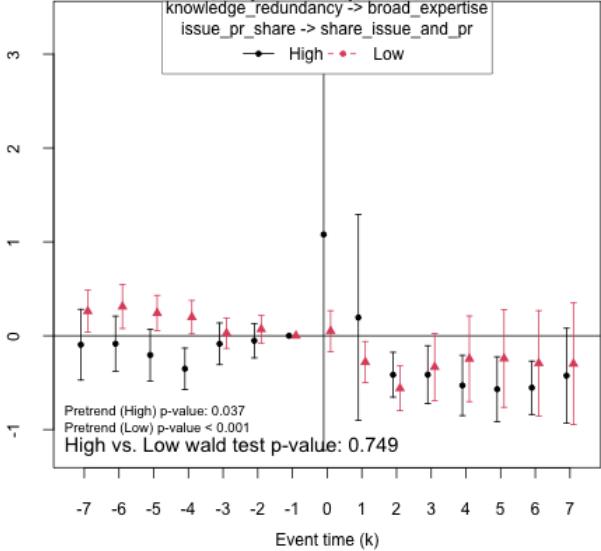


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**

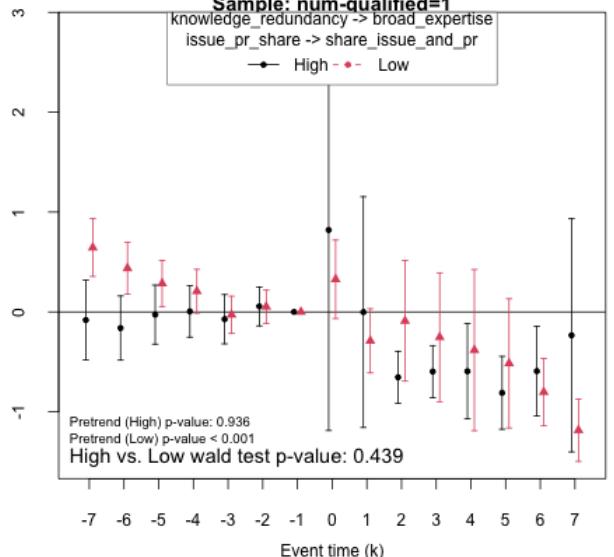
knowledge\_redundancy -> broad\_expertise  
 issue\_pr\_share -> share\_issue\_and\_pr  
 ● High - ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**

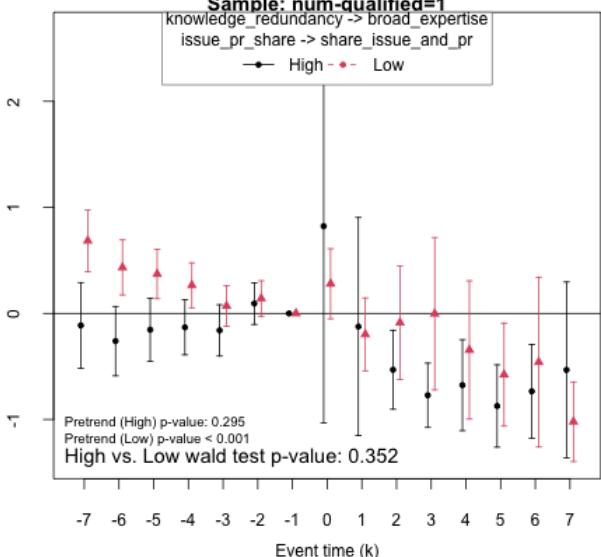
knowledge\_redundancy -> broad\_expertise  
 issue\_pr\_share -> share\_issue\_and\_pr  
 ● High - ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**

knowledge\_redundancy -> broad\_expertise  
 issue\_pr\_share -> share\_issue\_and\_pr  
 ● High - ▲ Low

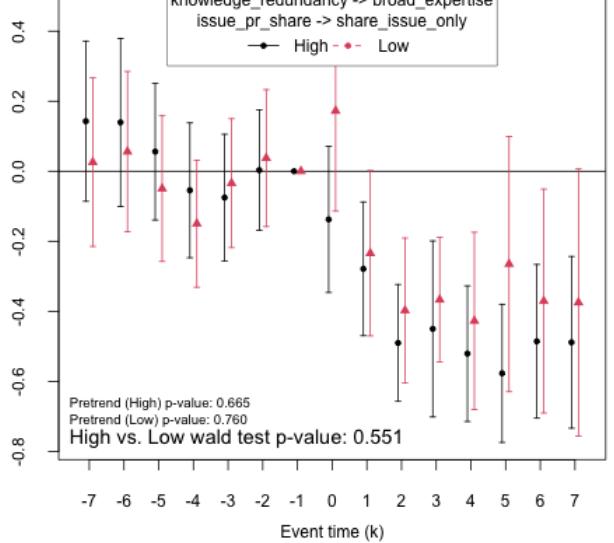
**pull\_request\_opened rolling5****Sample: num-qualified=1**

knowledge\_redundancy -> broad\_expertise  
 issue\_pr\_share -> share\_issue\_and\_pr  
 ● High - ▲ Low

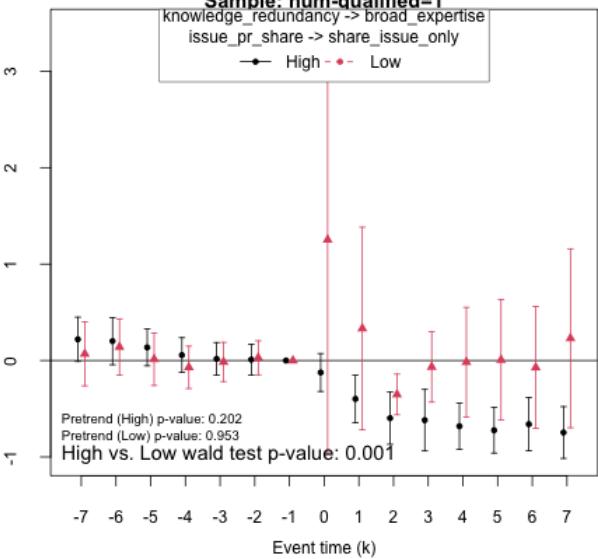


**major\_minor\_release\_count rolling5**

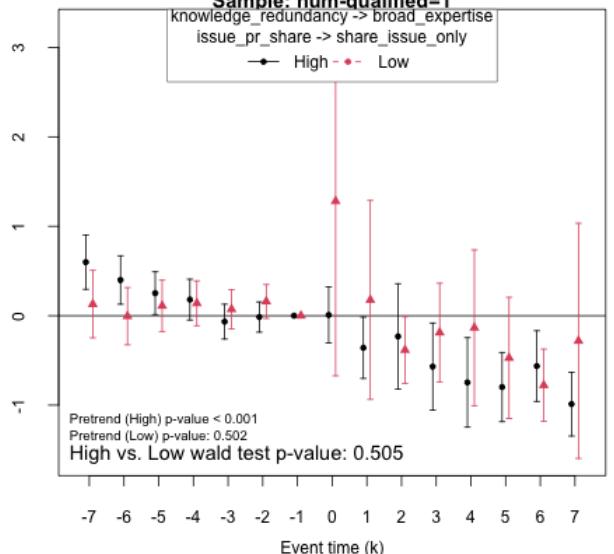
**Sample: num-qualified=1**  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_issue\_only  
● High - ▲ Low

**overall\_new\_release\_count rolling5**

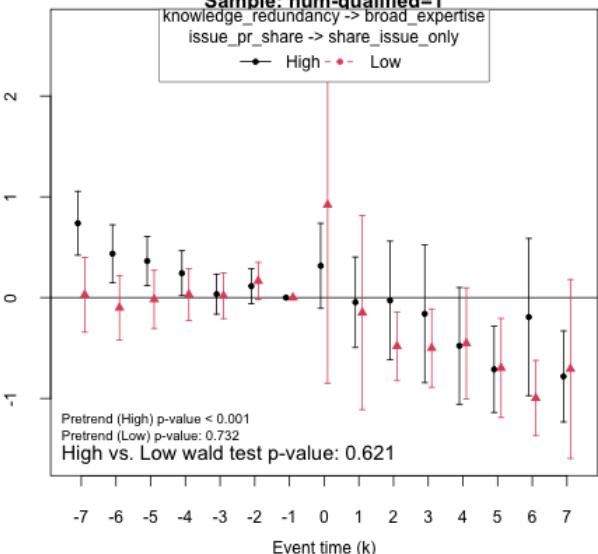
**Sample: num-qualified=1**  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_issue\_only  
● High - ▲ Low

**pull\_request\_merged rolling5**

**Sample: num-qualified=1**  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_issue\_only  
● High - ▲ Low

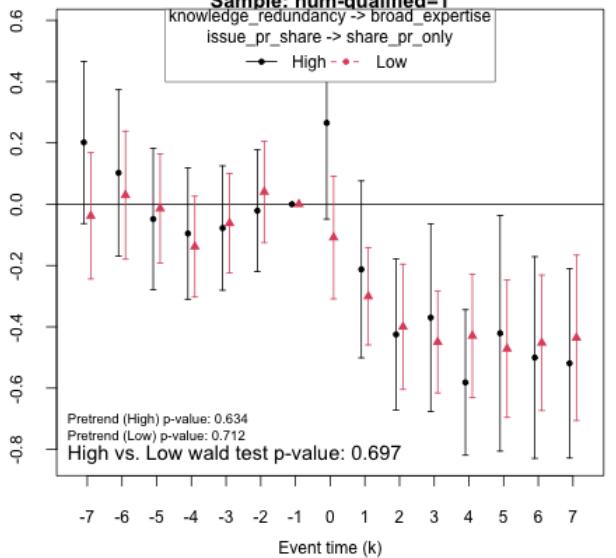
**pull\_request\_opened rolling5**

**Sample: num-qualified=1**  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_issue\_only  
● High - ▲ Low



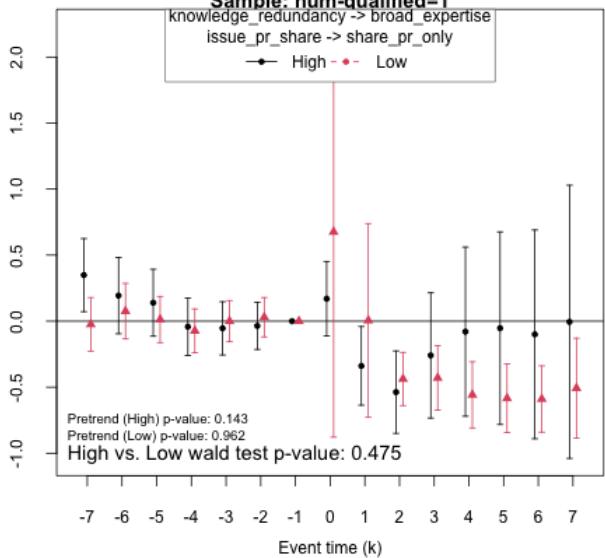
### major\_minor\_release\_count rolling5

Sample: num-qualified=1  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only  
—●— High —●— Low



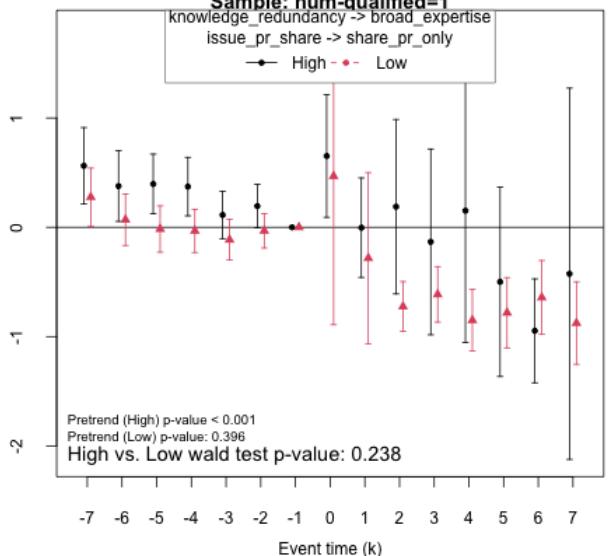
### overall\_new\_release\_count rolling5

Sample: num-qualified=1  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only  
—●— High —●— Low



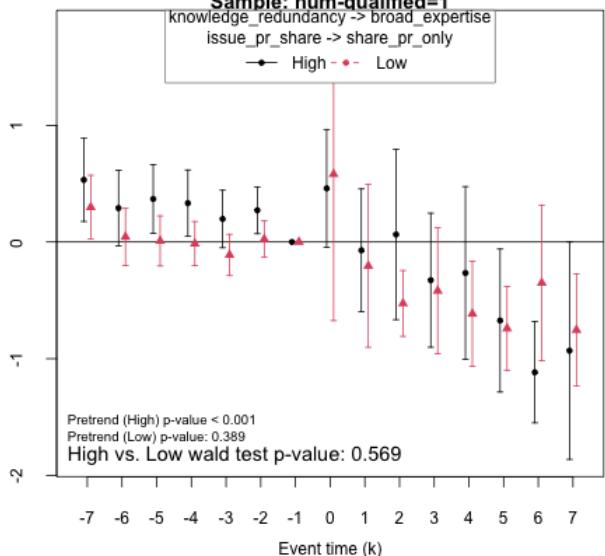
### pull\_request\_merged rolling5

Sample: num-qualified=1  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only  
—●— High —●— Low



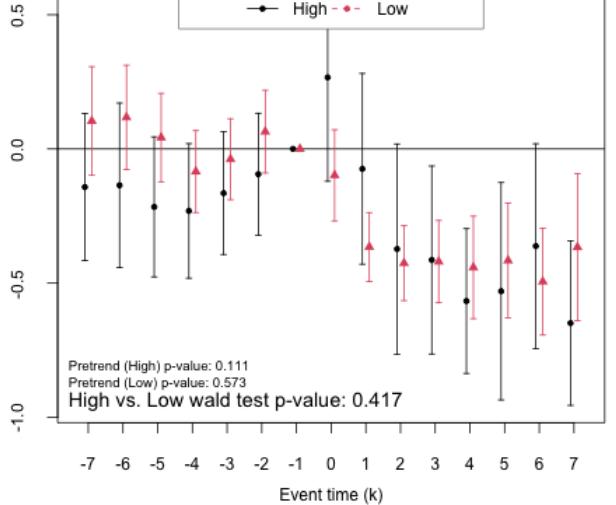
### pull\_request\_opened rolling5

Sample: num-qualified=1  
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only  
—●— High —●— Low

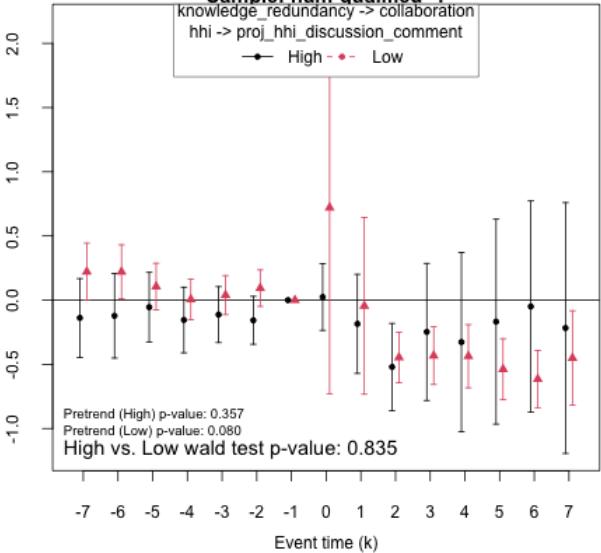


**major\_minor\_release\_count rolling5**

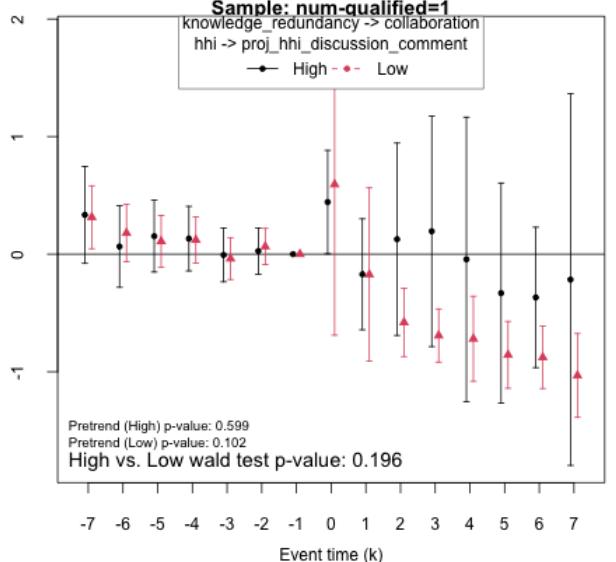
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High - ● Low

**overall\_new\_release\_count rolling5**

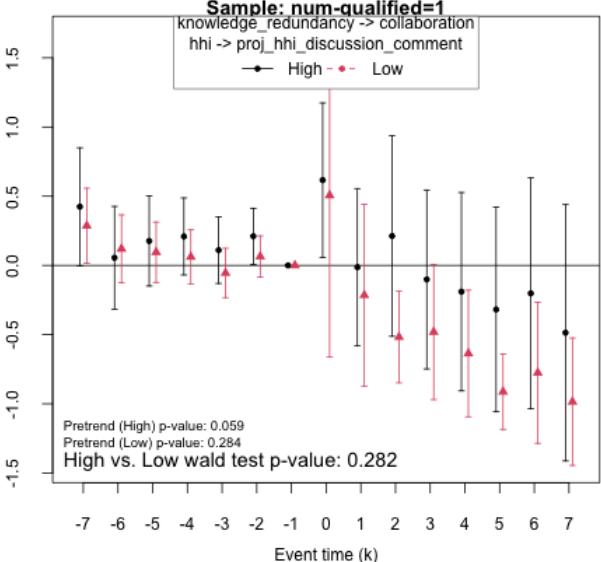
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High - ● Low

**pull\_request\_merged rolling5**

**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High - ● Low

**pull\_request\_opened rolling5**

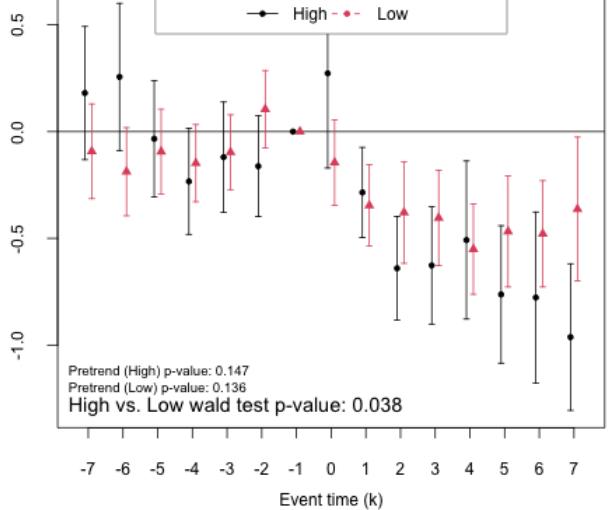
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High - ● Low



### major\_minor\_release\_count rolling5

Sample: num-qualified=1

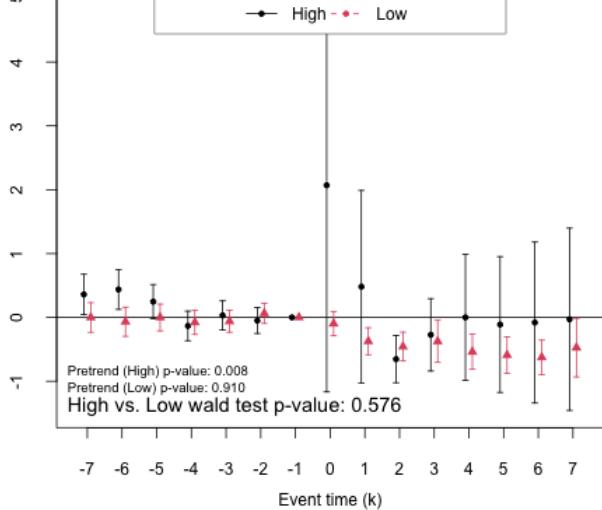
knowledge\_redundancy->collaboration  
hhic -> proj\_hhic\_pull\_request\_review\_comment  
● High -● Low



### overall\_new\_release\_count rolling5

Sample: num-qualified=1

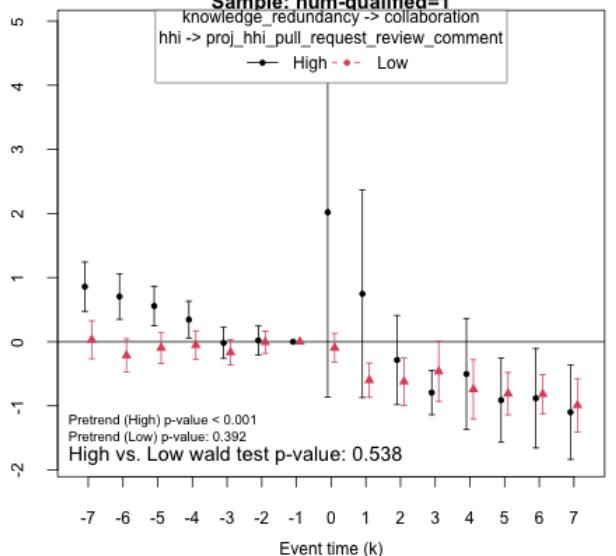
knowledge\_redundancy->collaboration  
hhic -> proj\_hhic\_pull\_request\_review\_comment  
● High -● Low



### pull\_request\_merged rolling5

Sample: num-qualified=1

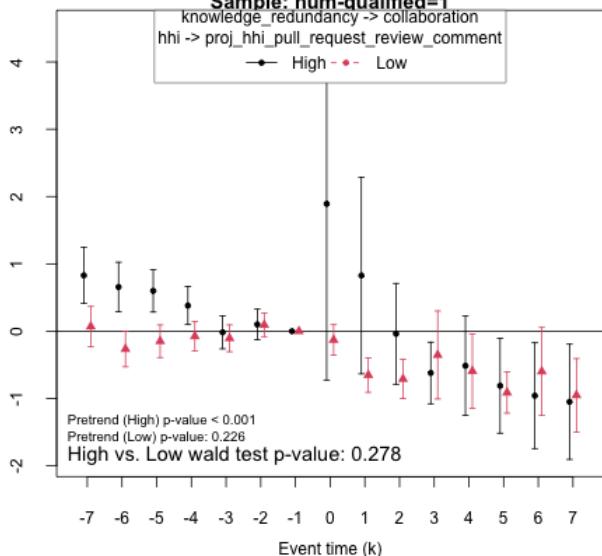
knowledge\_redundancy->collaboration  
hhic -> proj\_hhic\_pull\_request\_review\_comment  
● High -● Low



### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy->collaboration  
hhic -> proj\_hhic\_pull\_request\_review\_comment  
● High -● Low

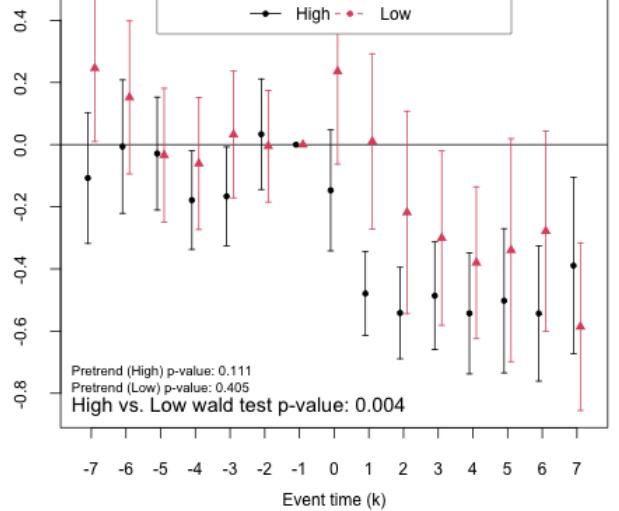


**major\_minor\_release\_count rolling5**

knowledge\_redundancy -&gt; collaboration

member\_count -&gt; avg\_members\_per\_problem

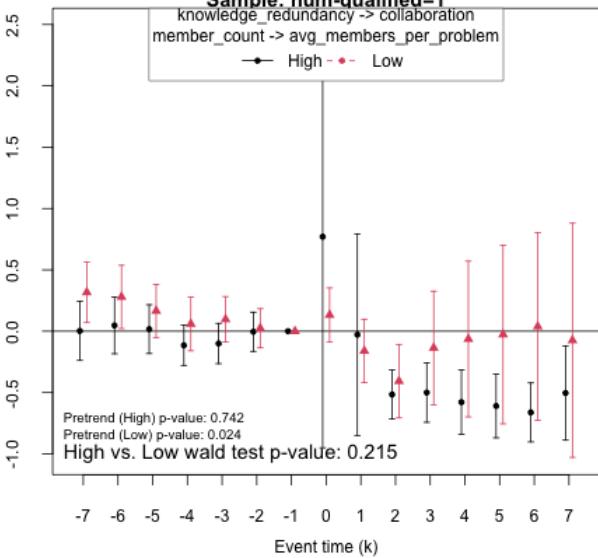
● High ▲ Low

**overall\_new\_release\_count rolling5**

knowledge\_redundancy -&gt; collaboration

member\_count -&gt; avg\_members\_per\_problem

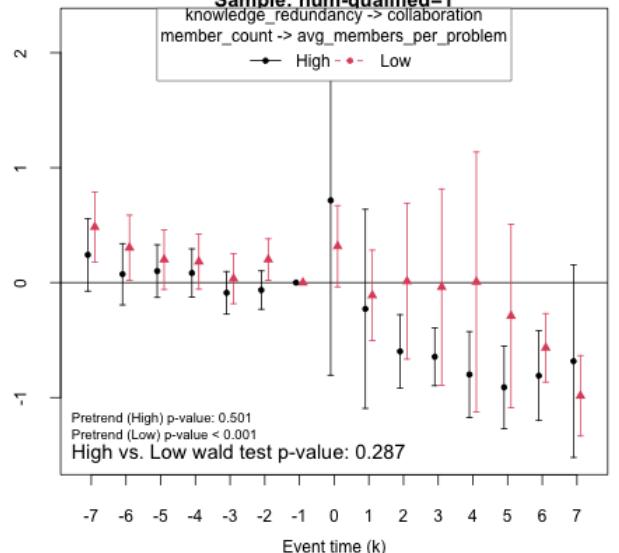
● High ▲ Low

**pull\_request\_merged rolling5**

knowledge\_redundancy -&gt; collaboration

member\_count -&gt; avg\_members\_per\_problem

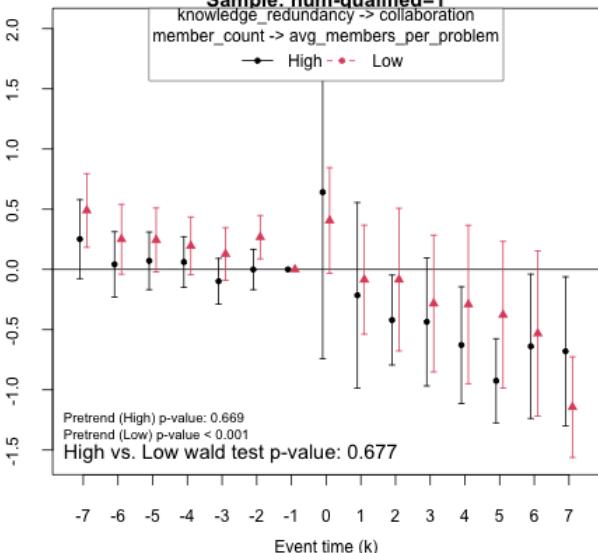
● High ▲ Low

**pull\_request\_opened rolling5**

knowledge\_redundancy -&gt; collaboration

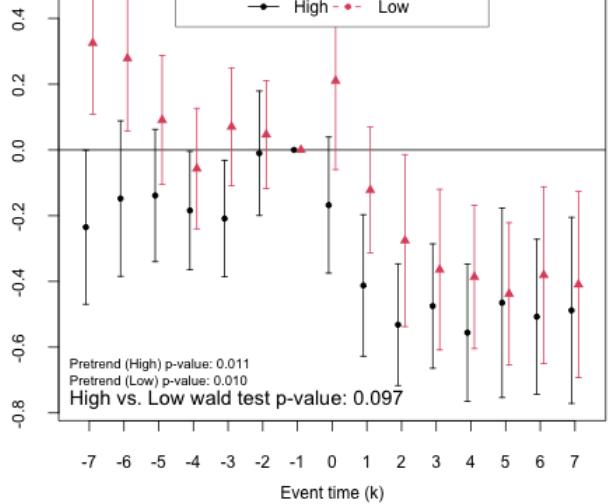
member\_count -&gt; avg\_members\_per\_problem

● High ▲ Low

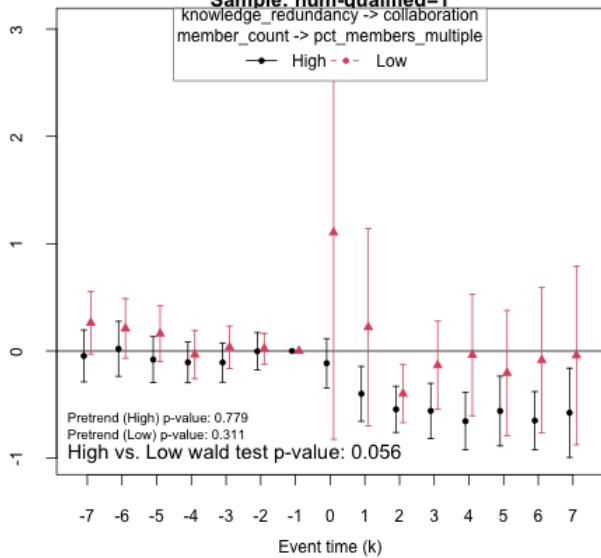


**major\_minor\_release\_count rolling5**

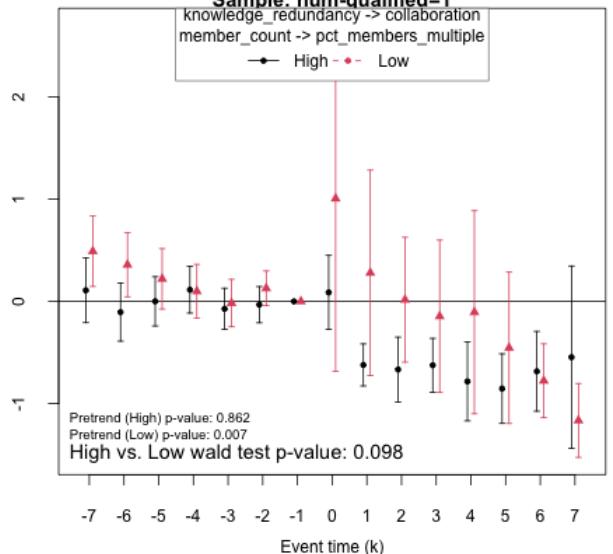
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
member\_count -> pct\_members\_multiple  
● High ▲ Low

**overall\_new\_release\_count rolling5**

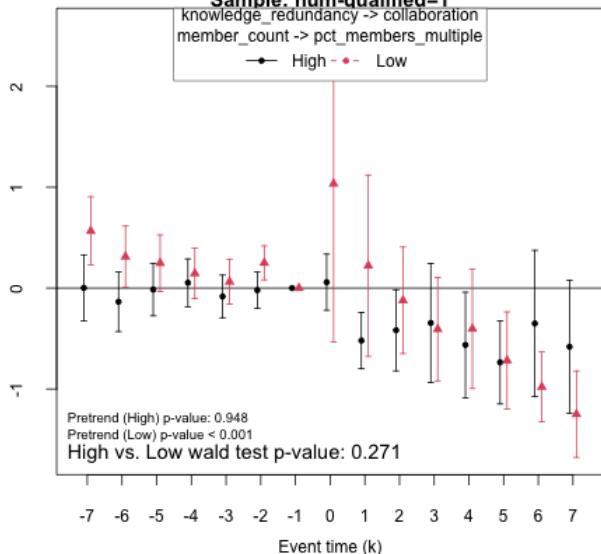
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
member\_count -> pct\_members\_multiple  
● High ▲ Low

**pull\_request\_merged rolling5**

**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
member\_count -> pct\_members\_multiple  
● High ▲ Low

**pull\_request\_opened rolling5**

**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
member\_count -> pct\_members\_multiple  
● High ▲ Low

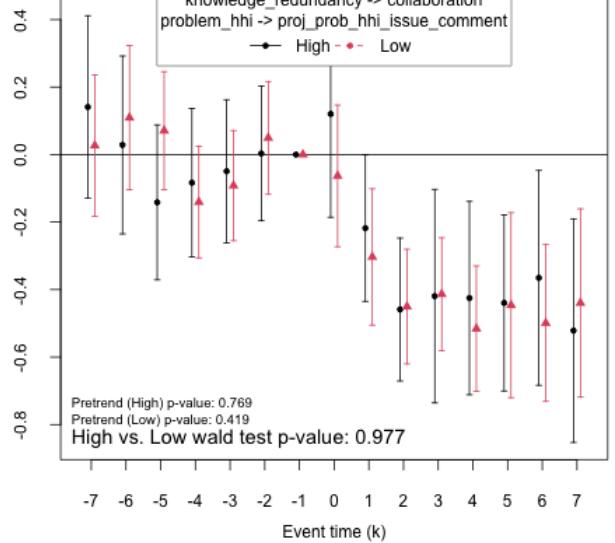


**major\_minor\_release\_count rolling5**

knowledge\_redundancy -&gt; collaboration

problem\_hhi -&gt; proj\_prob\_hhi\_issue\_comment

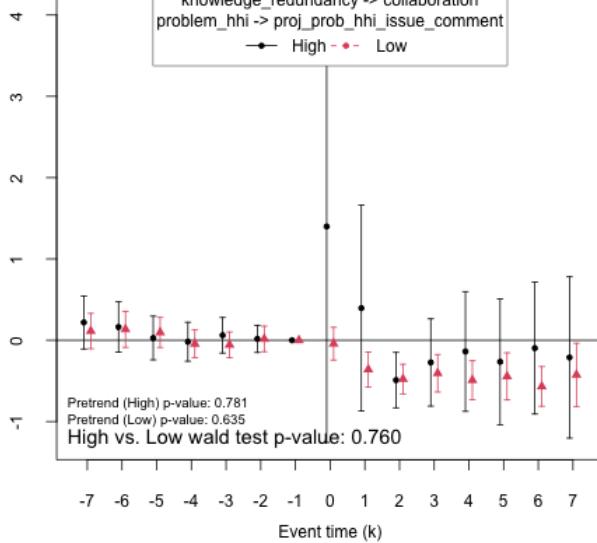
● High ▲ Low

**overall\_new\_release\_count rolling5**

knowledge\_redundancy -&gt; collaboration

problem\_hhi -&gt; proj\_prob\_hhi\_issue\_comment

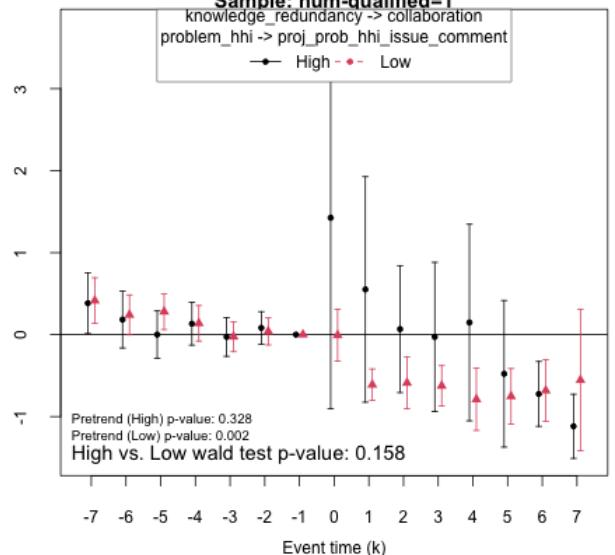
● High ▲ Low

**pull\_request\_merged rolling5**

knowledge\_redundancy -&gt; collaboration

problem\_hhi -&gt; proj\_prob\_hhi\_issue\_comment

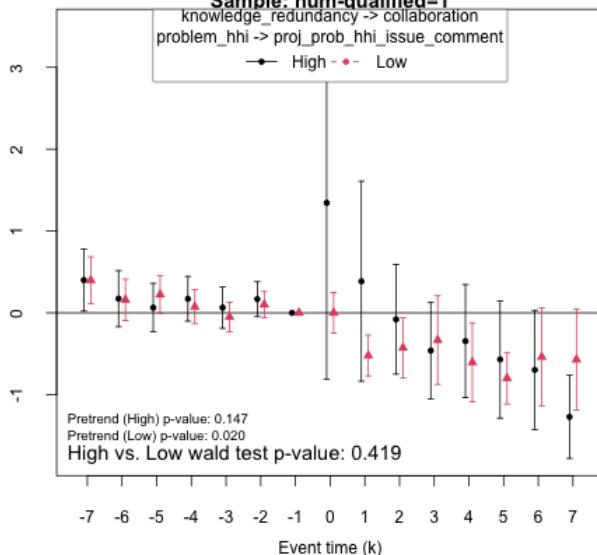
● High ▲ Low

**pull\_request\_opened rolling5**

knowledge\_redundancy -&gt; collaboration

problem\_hhi -&gt; proj\_prob\_hhi\_issue\_comment

● High ▲ Low

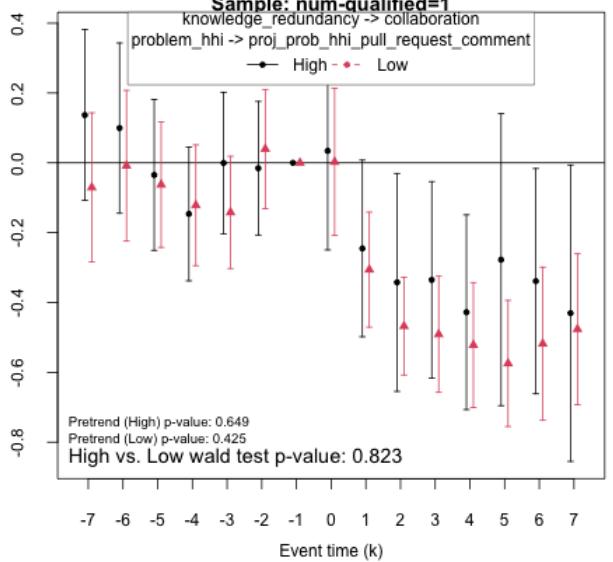


### major\_minor\_release\_count rolling5

knowledge\_redundancy -> collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

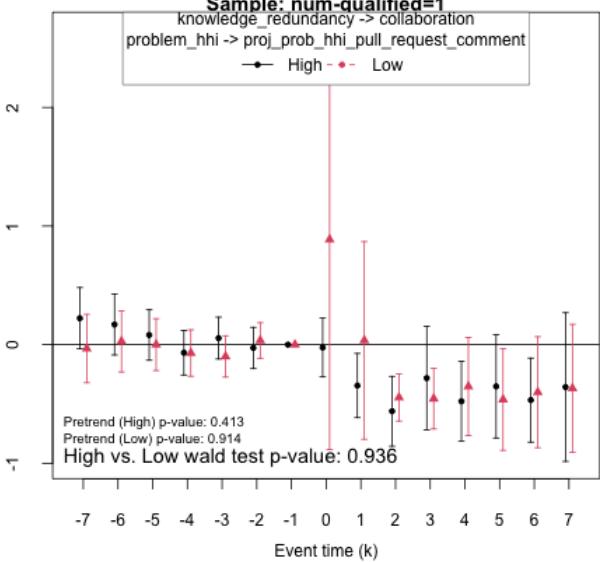


### overall\_new\_release\_count rolling5

knowledge\_redundancy -> collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

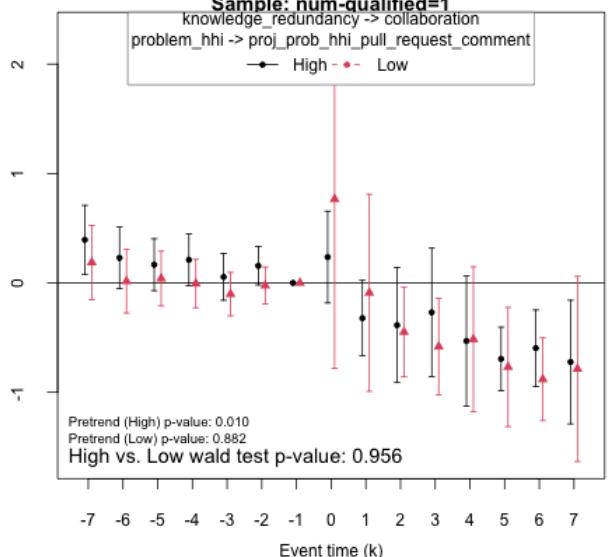


### pull\_request\_merged rolling5

knowledge\_redundancy -> collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

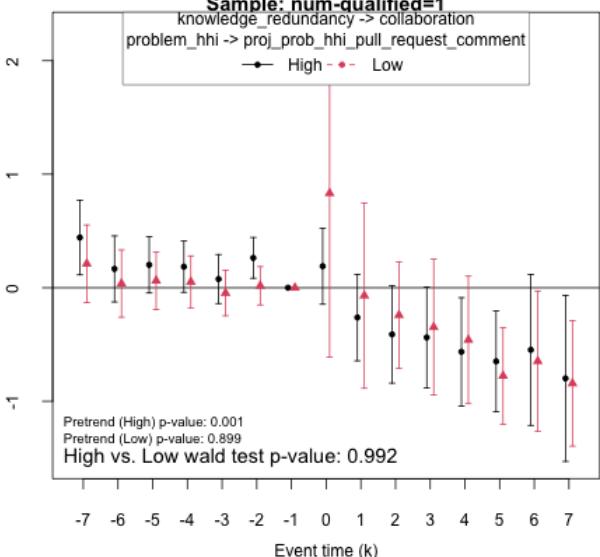


### pull\_request\_opened rolling5

knowledge\_redundancy -> collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

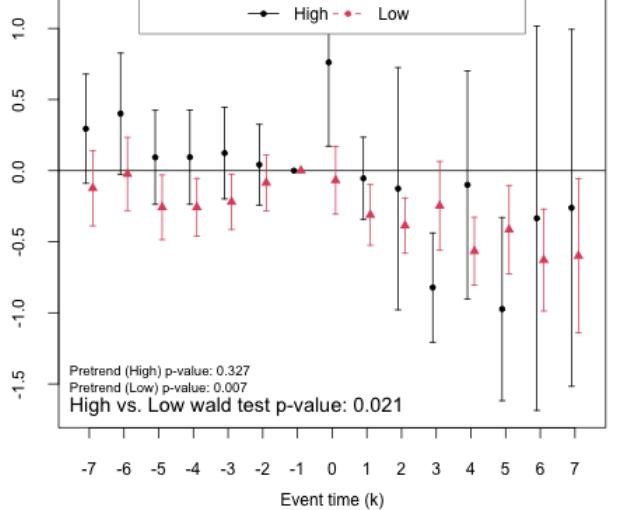


**major\_minor\_release\_count rolling5**

knowledge\_redundancy-&gt;collaboration

problem\_hhi-&gt;proj\_prob\_hhi\_pull\_request\_review

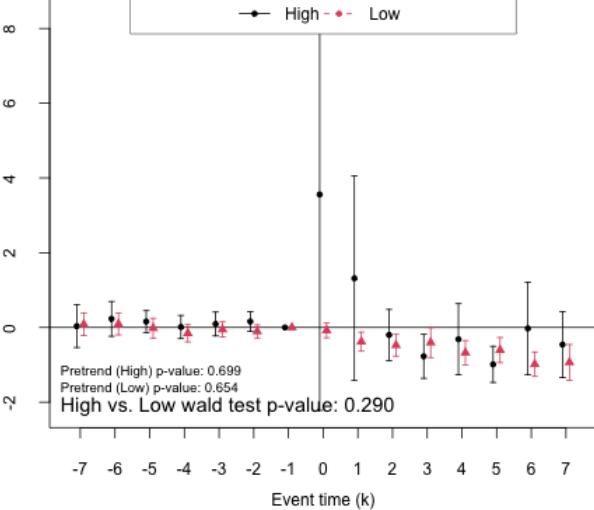
● High -● Low

**overall\_new\_release\_count rolling5**

knowledge\_redundancy-&gt;collaboration

problem\_hhi-&gt;proj\_prob\_hhi\_pull\_request\_review

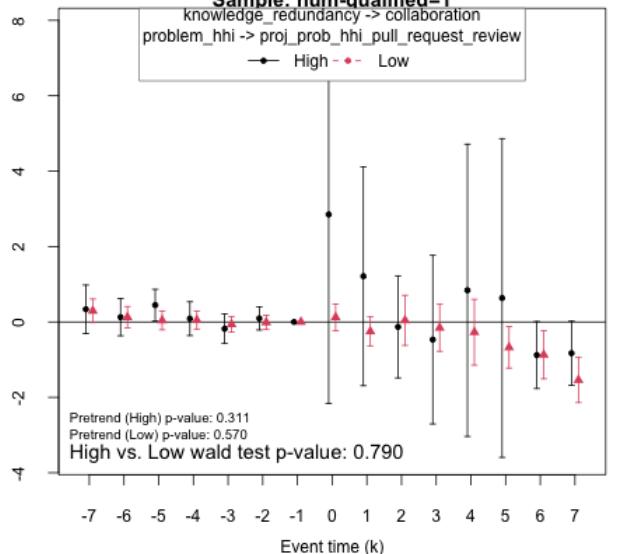
● High -● Low

**pull\_request\_merged rolling5**

knowledge\_redundancy-&gt;collaboration

problem\_hhi-&gt;proj\_prob\_hhi\_pull\_request\_review

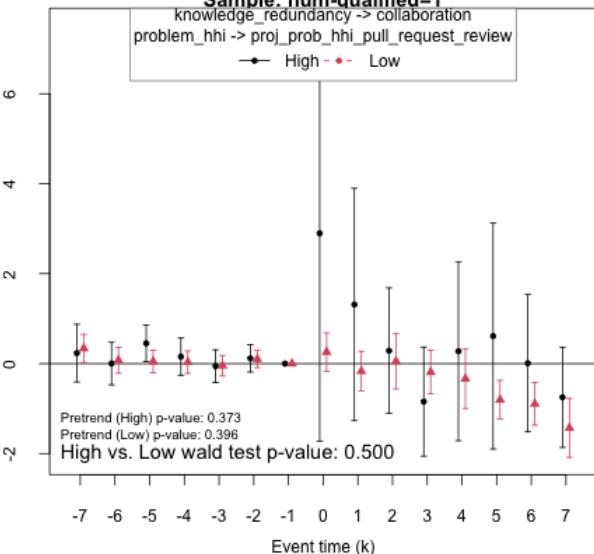
● High -● Low

**pull\_request\_opened rolling5**

knowledge\_redundancy-&gt;collaboration

problem\_hhi-&gt;proj\_prob\_hhi\_pull\_request\_review

● High -● Low

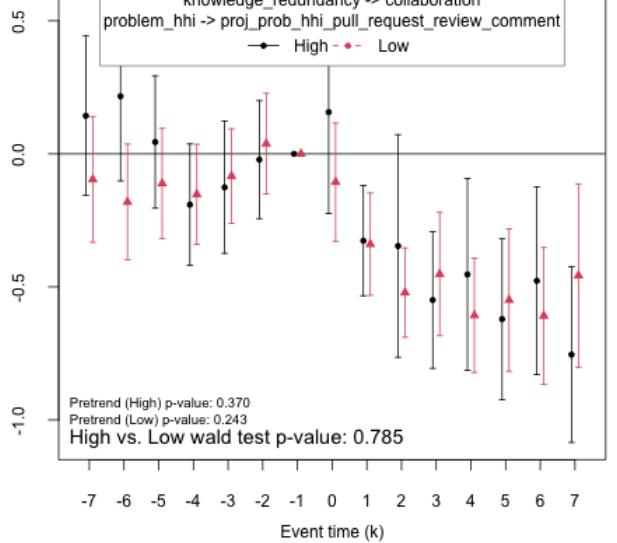


### major\_minor\_release\_count rolling5

knowledge\_redundancy->collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment

● High ● Low

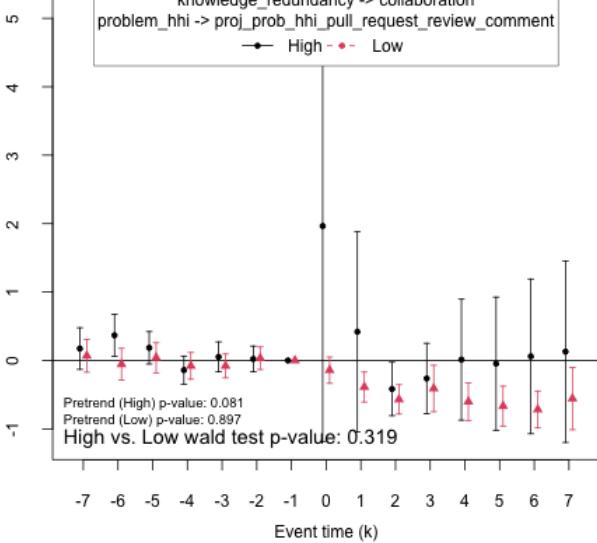


### overall\_new\_release\_count rolling5

knowledge\_redundancy->collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment

● High ● Low

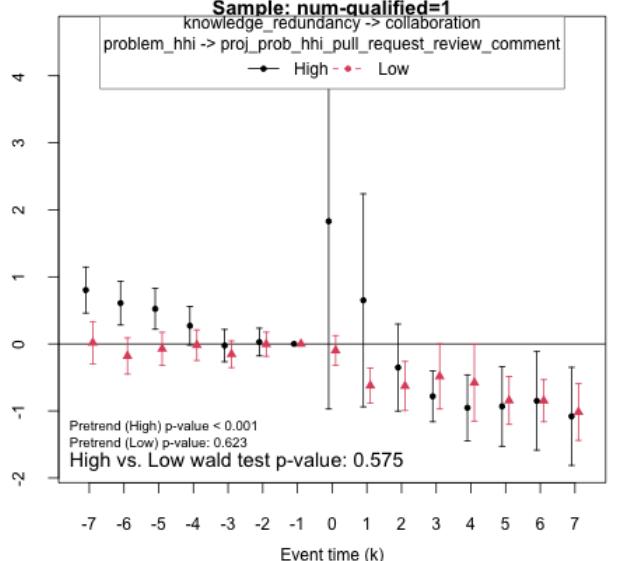


### pull\_request\_merged rolling5

knowledge\_redundancy->collaboration

problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment

● High ● Low

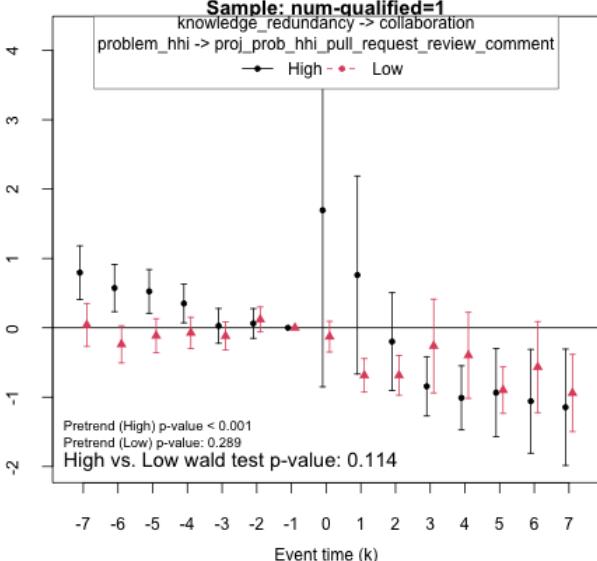


### pull\_request\_opened rolling5

knowledge\_redundancy->collaboration

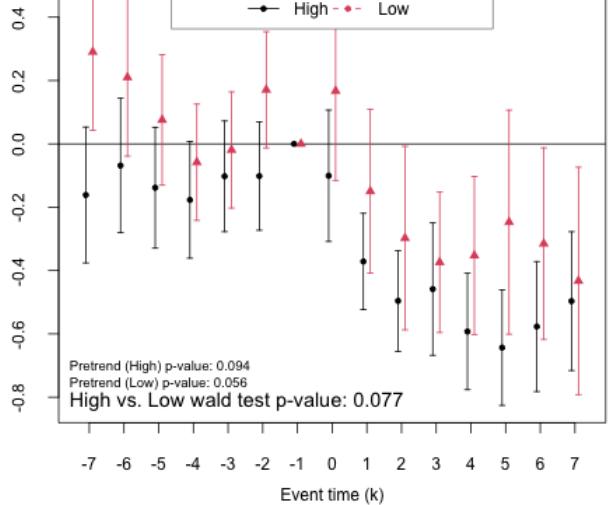
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment

● High ● Low



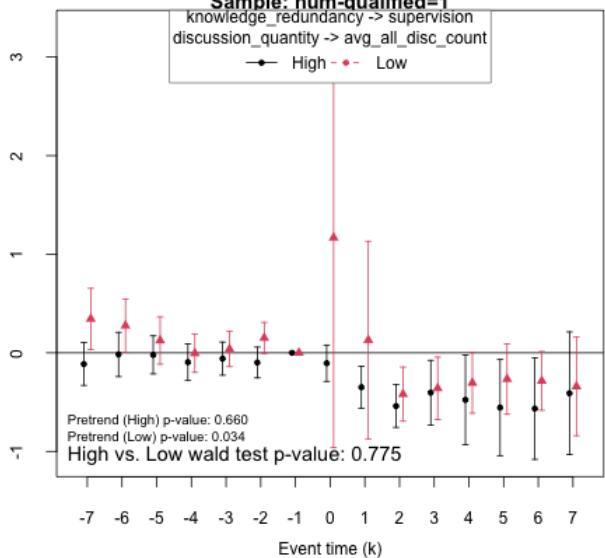
### major\_minor\_release\_count rolling5

**Sample: num-qualified=1**  
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



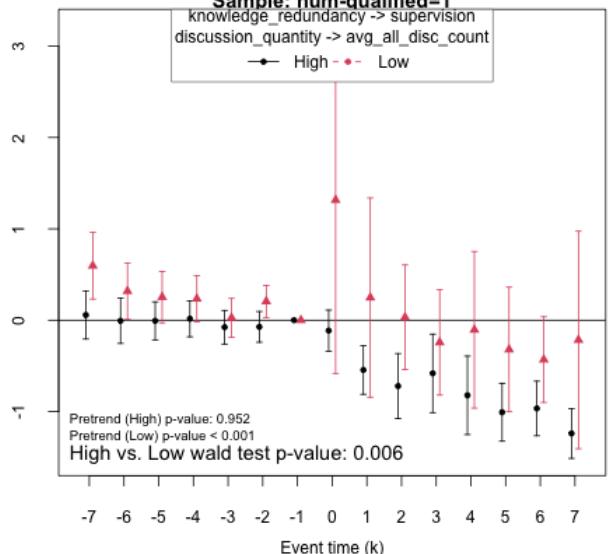
### overall\_new\_release\_count rolling5

**Sample: num-qualified=1**  
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



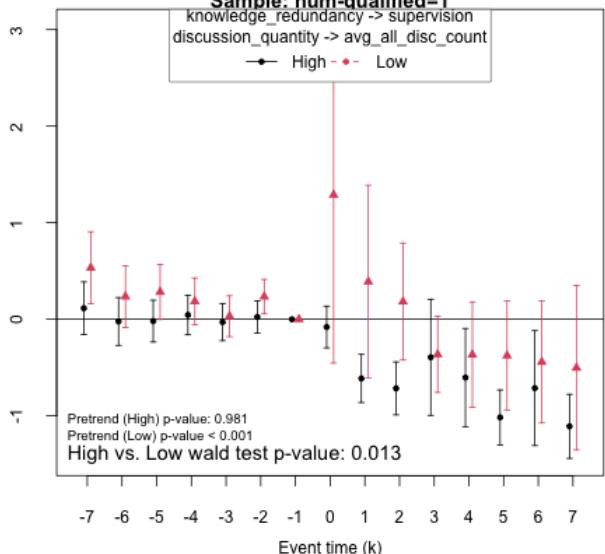
### pull\_request\_merged rolling5

**Sample: num-qualified=1**  
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



### pull\_request\_opened rolling5

**Sample: num-qualified=1**  
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



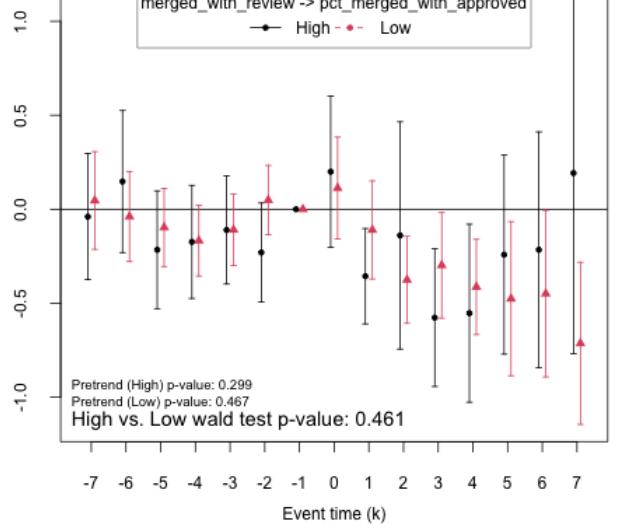
### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy-> supervision

merged\_with\_review -> pct\_merged\_with\_approved

—●— High —●— Low



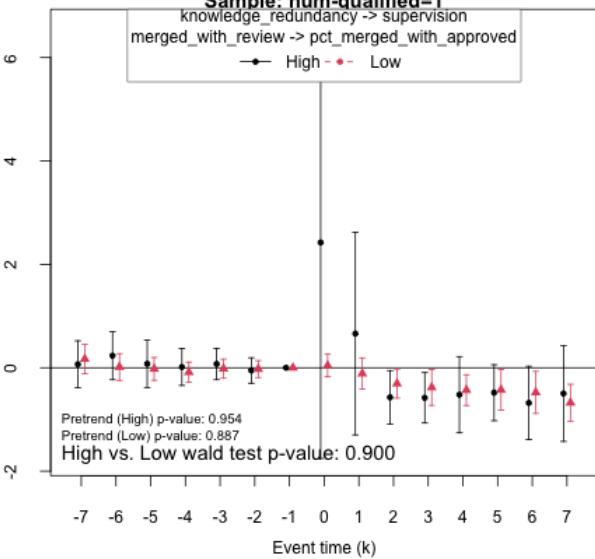
### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy-> supervision

merged\_with\_review -> pct\_merged\_with\_approved

—●— High —●— Low

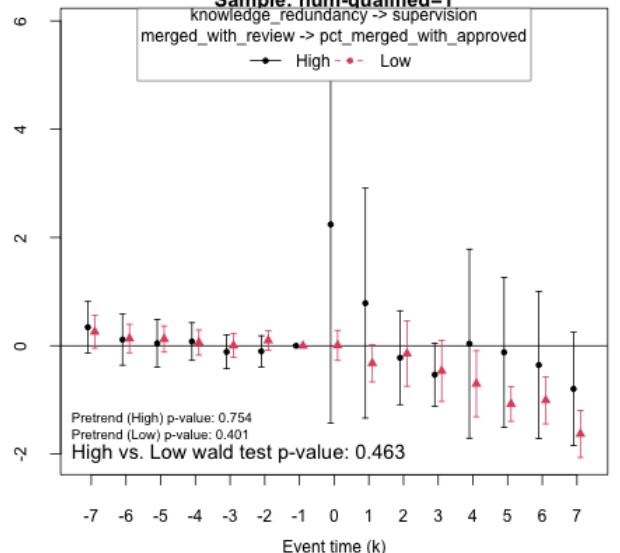


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy-> supervision

—●— High —●— Low



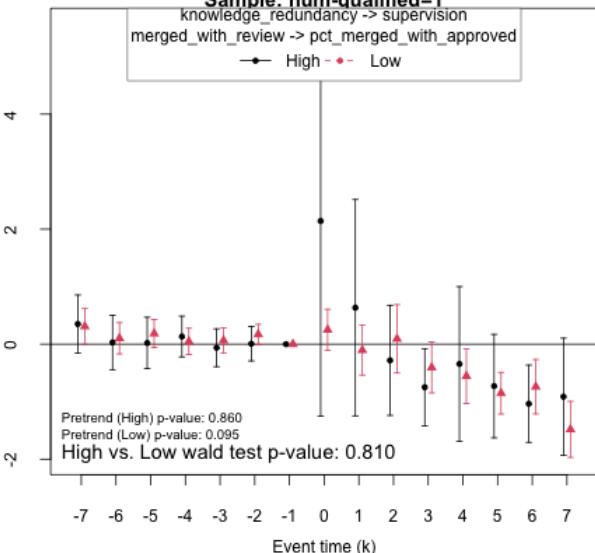
### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy-> supervision

merged\_with\_review -> pct\_merged\_with\_approved

—●— High —●— Low

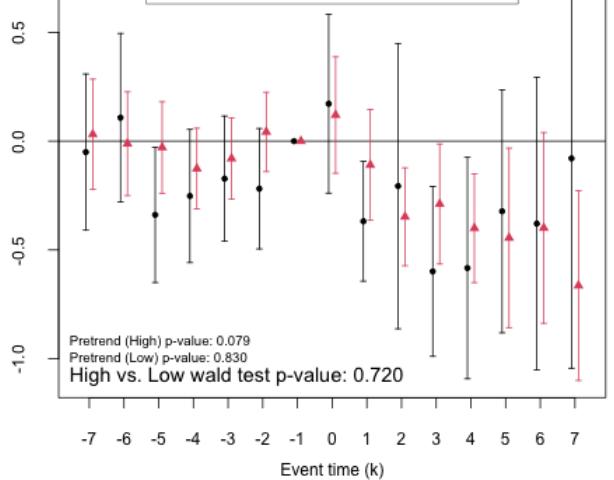


**major\_minor\_release\_count rolling5**

knowledge\_redundancy-&gt; supervision

merged\_with\_review -&gt; pct\_merged\_with\_review

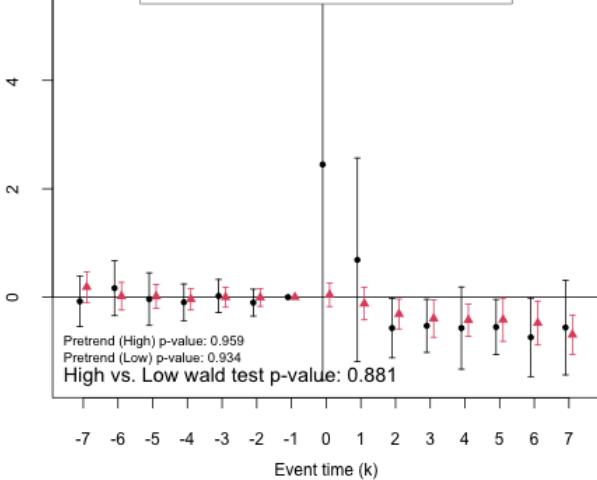
● High ▲ Low

**overall\_new\_release\_count rolling5**

knowledge\_redundancy-&gt; supervision

merged\_with\_review -&gt; pct\_merged\_with\_review

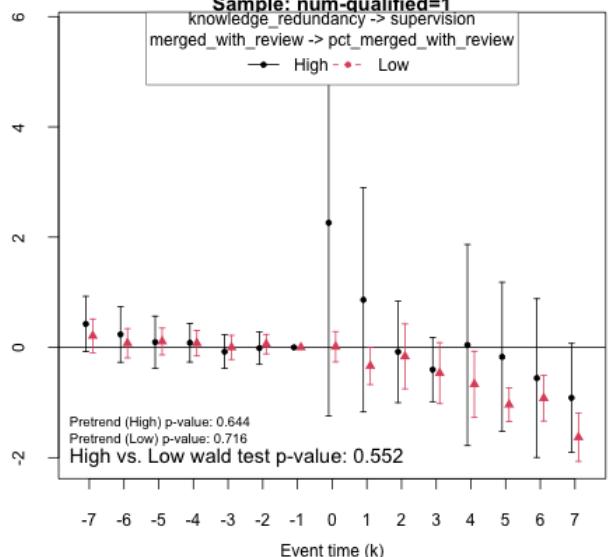
● High ▲ Low

**pull\_request\_merged rolling5**

knowledge\_redundancy-&gt; supervision

merged\_with\_review -&gt; pct\_merged\_with\_review

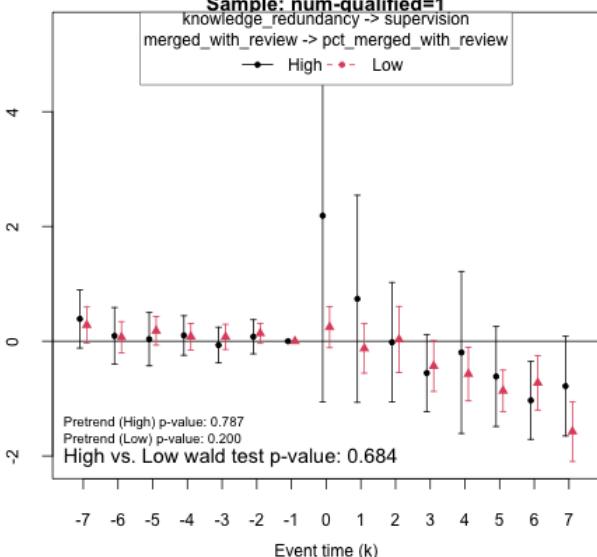
● High ▲ Low

**pull\_request\_opened rolling5**

knowledge\_redundancy-&gt; supervision

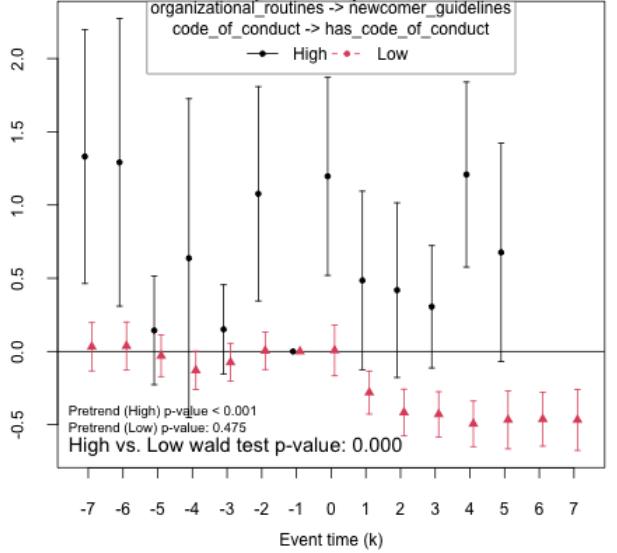
merged\_with\_review -&gt; pct\_merged\_with\_review

● High ▲ Low

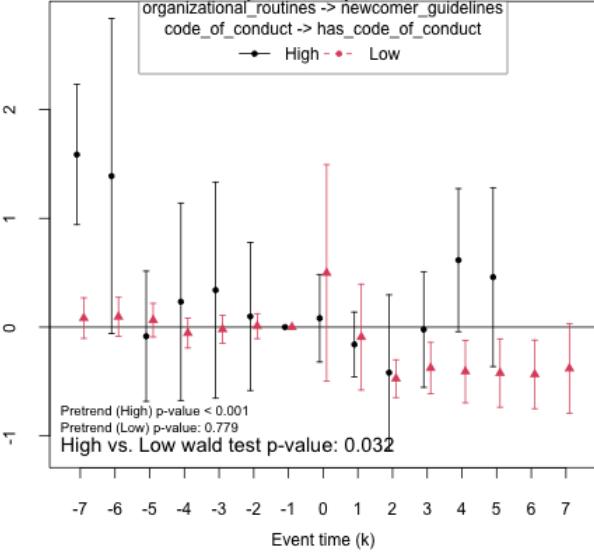


**major\_minor\_release\_count rolling5**

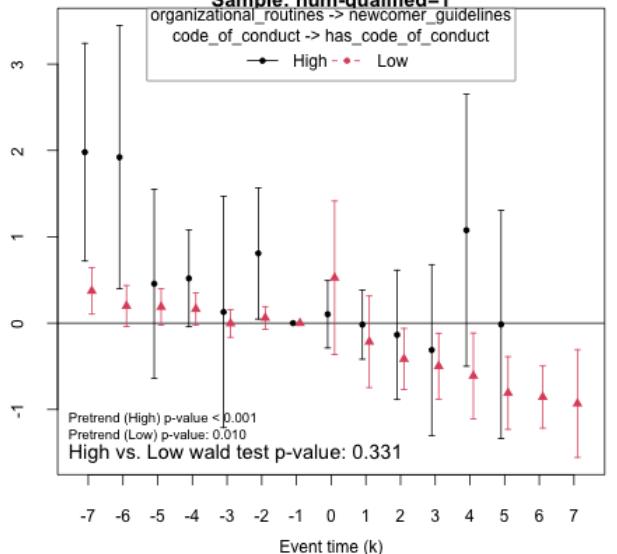
Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
code\_of\_conduct -> has\_code\_of\_conduct**overall\_new\_release\_count rolling5**

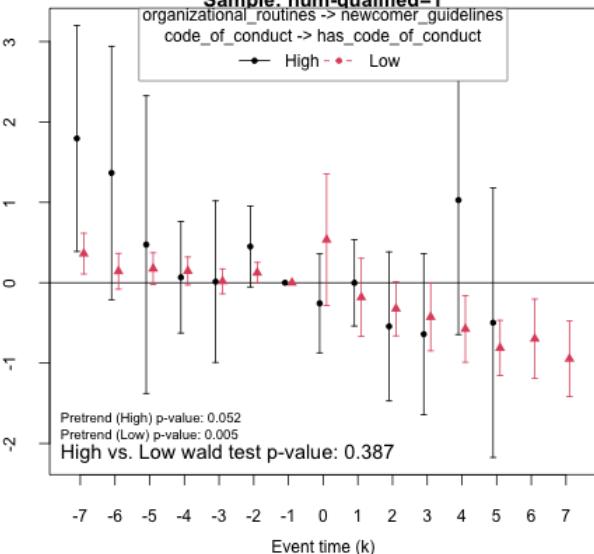
Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
code\_of\_conduct -> has\_code\_of\_conduct**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
code\_of\_conduct -> has\_code\_of\_conduct**pull\_request\_opened rolling5**

Sample: num-qualified=1

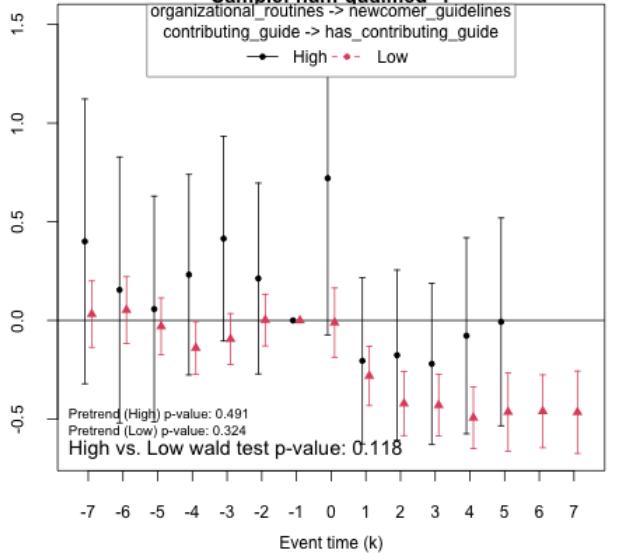
organizational\_routines -> newcomer\_guidelines  
code\_of\_conduct -> has\_code\_of\_conduct

### major\_minor\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
contributing\_guide -> has\_contributing\_guide

● High ▲ Low

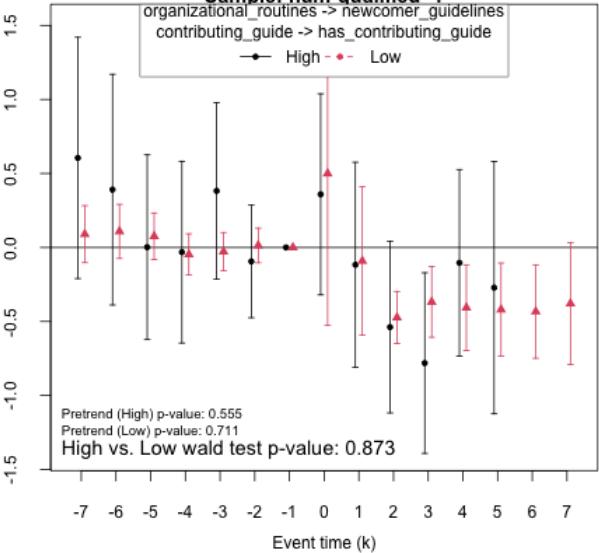


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
contributing\_guide -> has\_contributing\_guide

● High ▲ Low

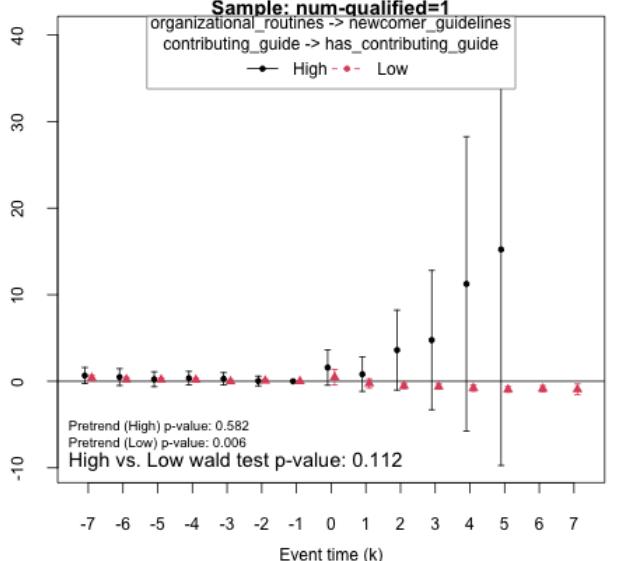


### pull\_request\_merged rolling5

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
contributing\_guide -> has\_contributing\_guide

● High ▲ Low

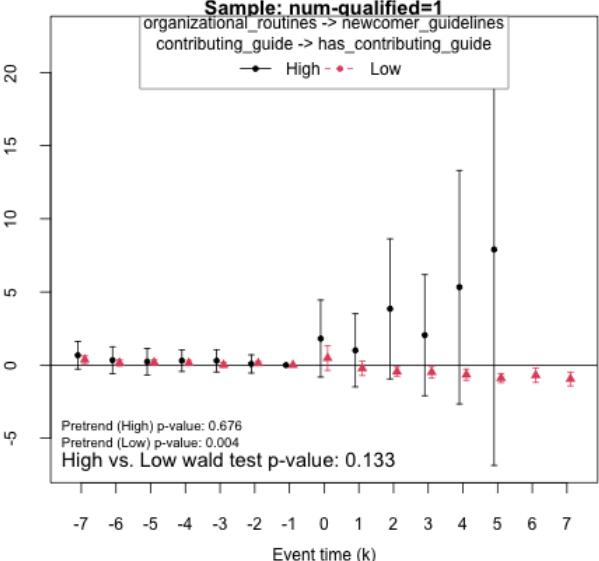


### pull\_request\_opened rolling5

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
contributing\_guide -> has\_contributing\_guide

● High ▲ Low

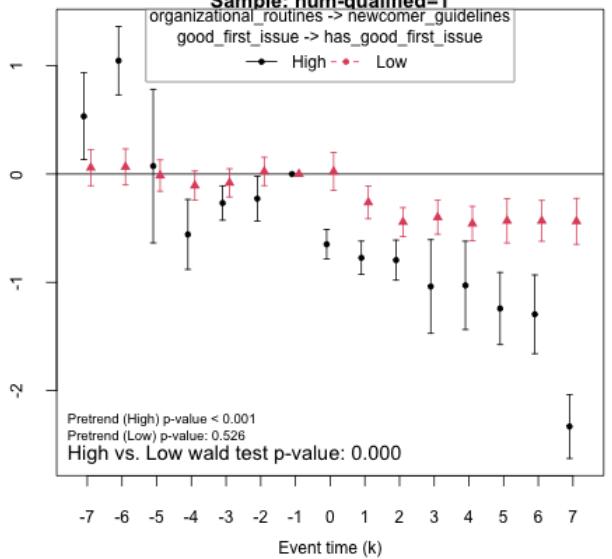


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
good\_first\_issue -> has\_good\_first\_issue

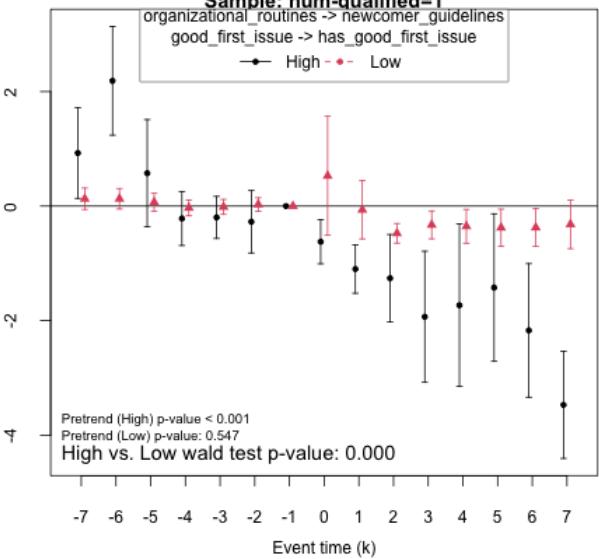
● High ▲ Low

**overall\_new\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
good\_first\_issue -> has\_good\_first\_issue

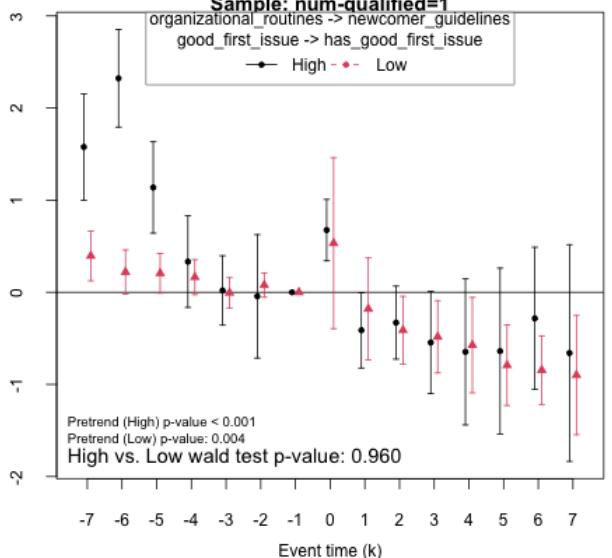
● High ▲ Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines -> newcomer\_guidelines  
good\_first\_issue -> has\_good\_first\_issue

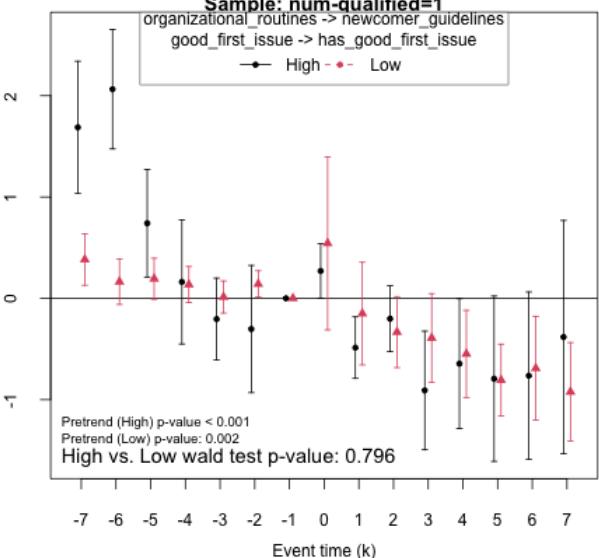
● High ▲ Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

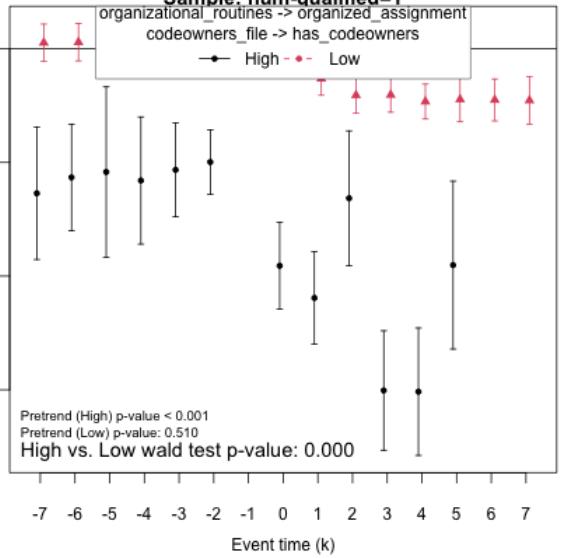
organizational\_routines -> newcomer\_guidelines  
good\_first\_issue -> has\_good\_first\_issue

● High ▲ Low



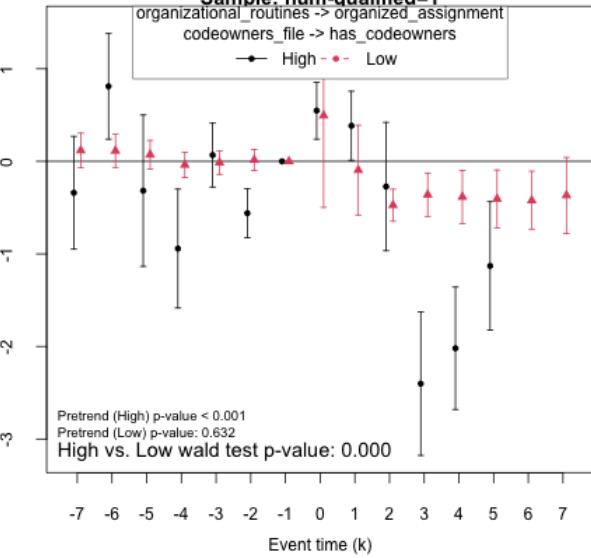
### major\_minor\_release\_count rolling5

**Sample: num-qualified=1**



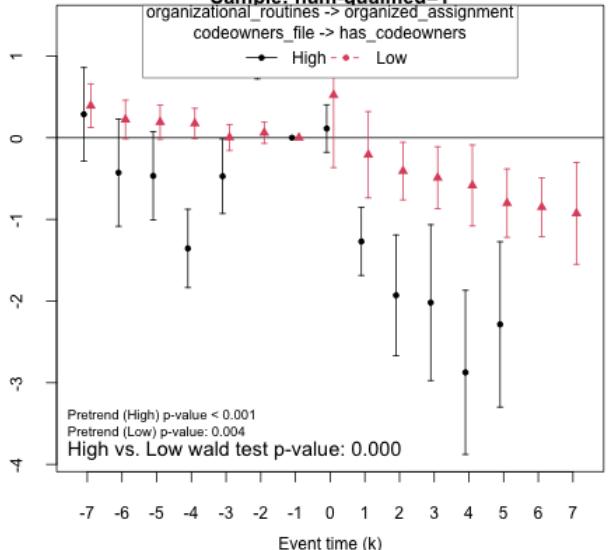
### overall\_new\_release\_count rolling5

**Sample: num-qualified=1**



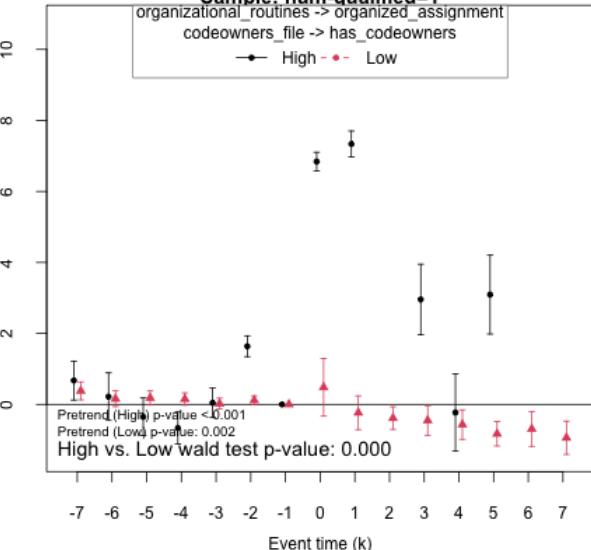
### pull\_request\_merged rolling5

**Sample: num-qualified=1**



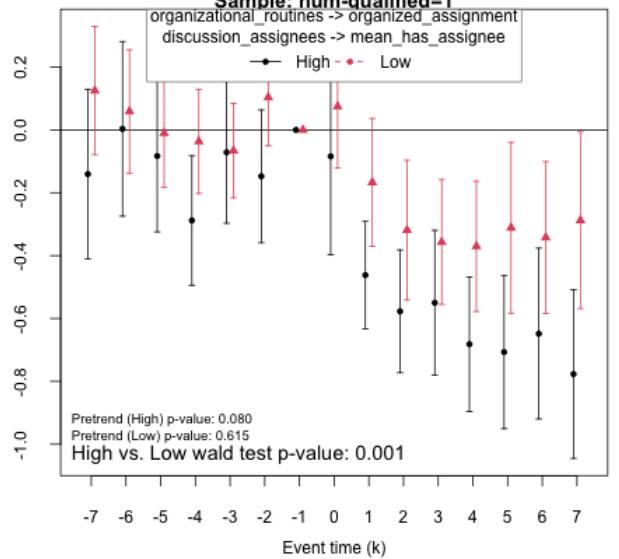
### pull\_request\_opened rolling5

**Sample: num-qualified=1**

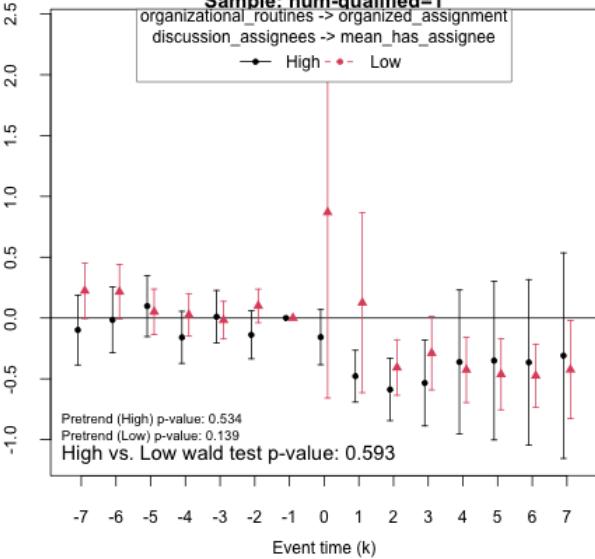


**major\_minor\_release\_count rolling5**

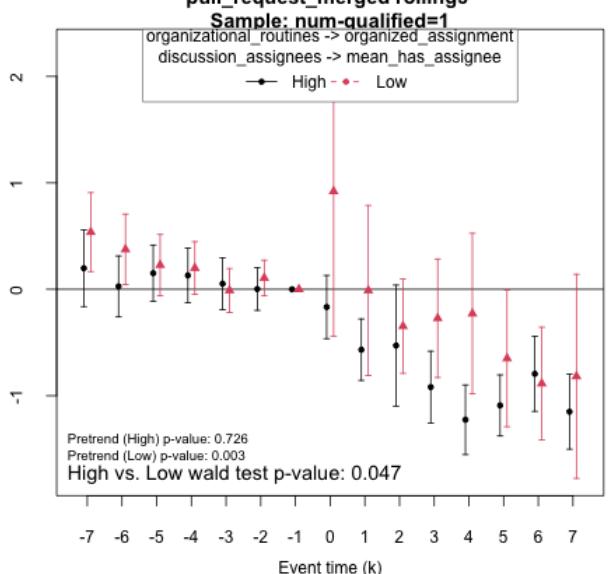
Sample: num-qualified=1

**overall\_new\_release\_count rolling5**

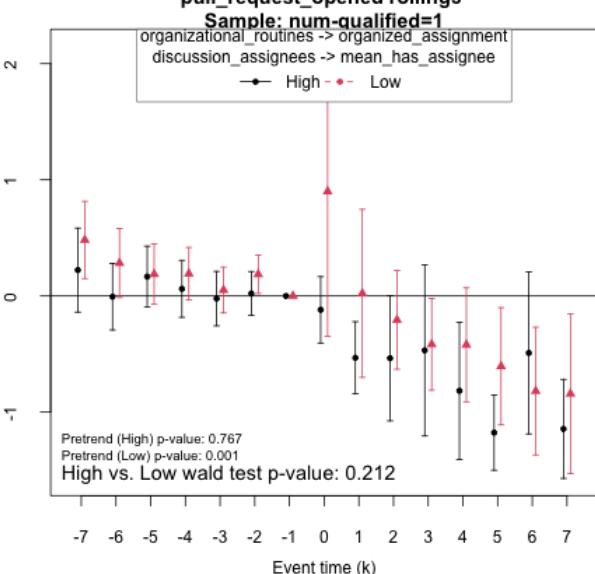
Sample: num-qualified=1

**pull\_request\_merged rolling5**

Sample: num-qualified=1

**pull\_request\_opened rolling5**

Sample: num-qualified=1



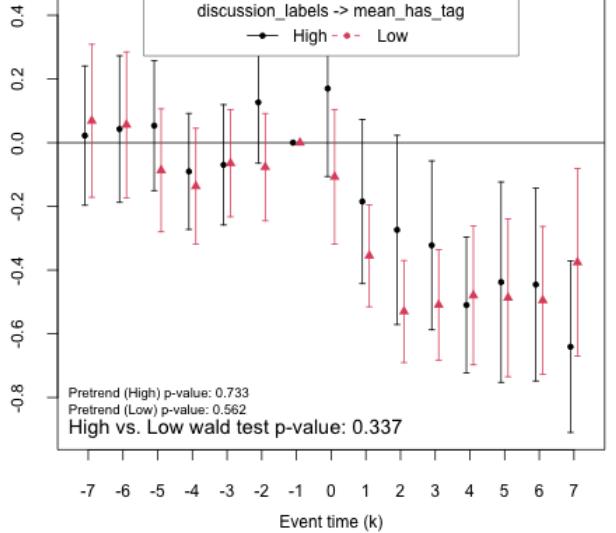
**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

discussion\_labels -&gt; mean\_has\_tag

● High ▲ Low

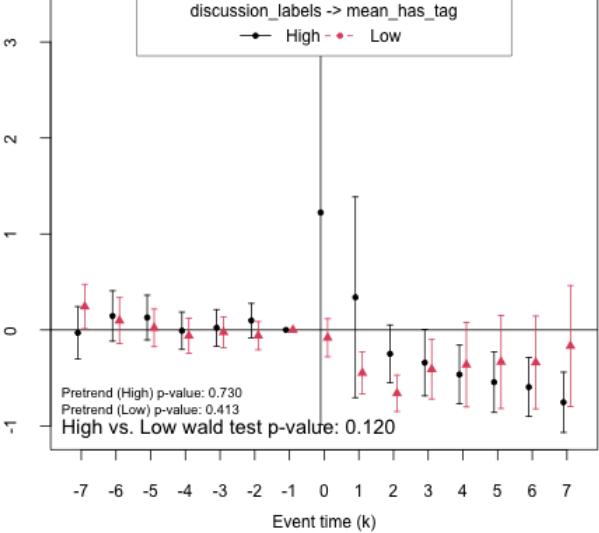
**overall\_new\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

discussion\_labels -&gt; mean\_has\_tag

● High ▲ Low

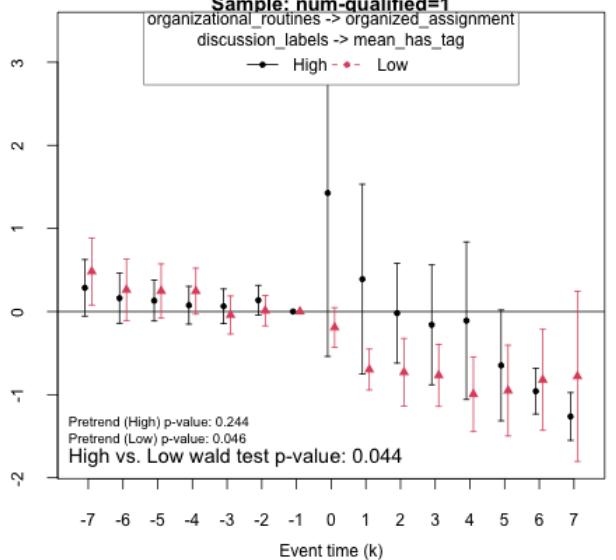
**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

discussion\_labels -&gt; mean\_has\_tag

● High ▲ Low

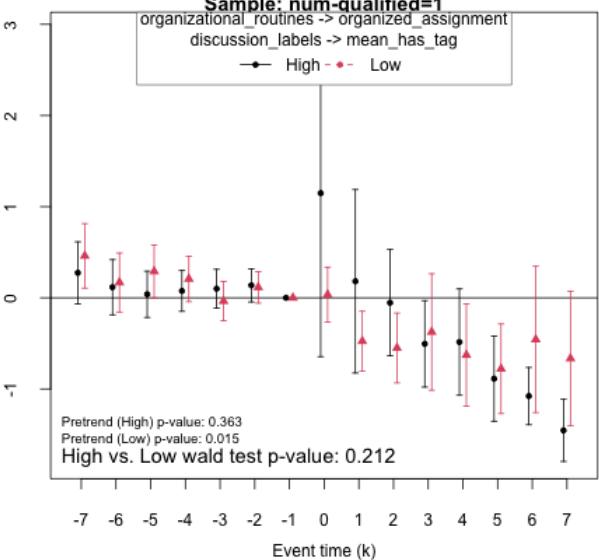
**pull\_request\_opened rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

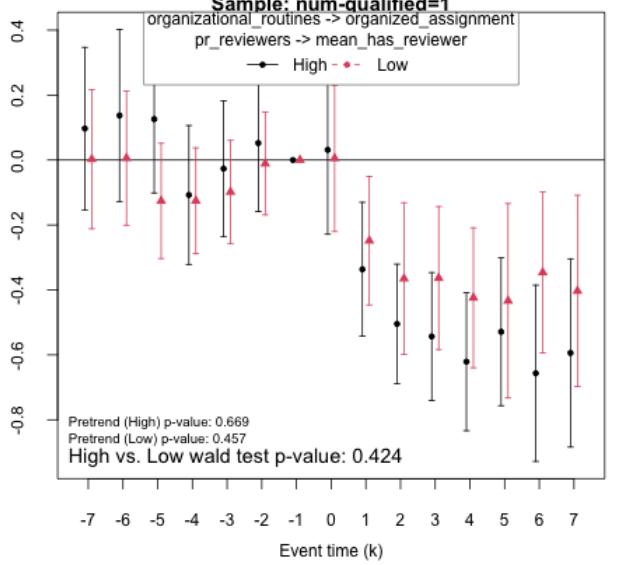
discussion\_labels -&gt; mean\_has\_tag

● High ▲ Low

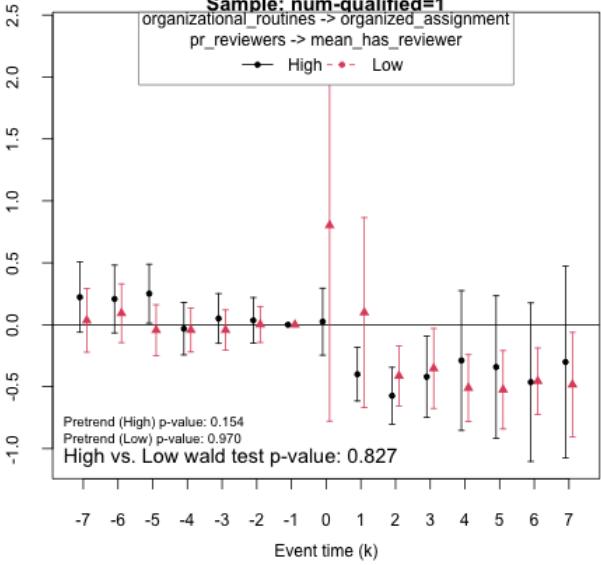


**major\_minor\_release\_count rolling5**

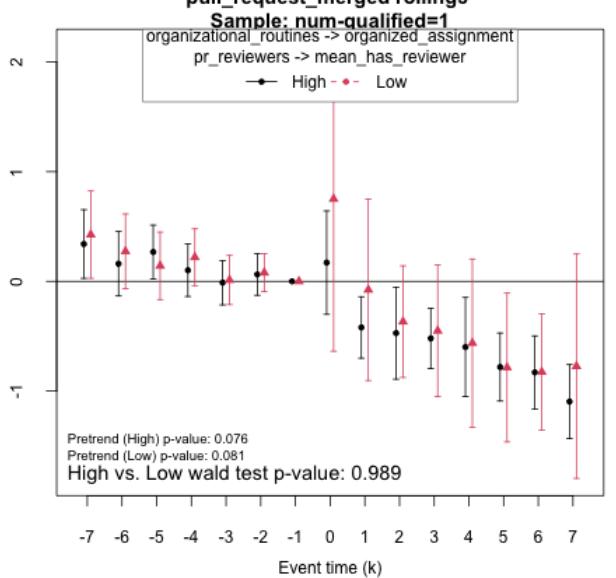
Sample: num-qualified=1

**overall\_new\_release\_count rolling5**

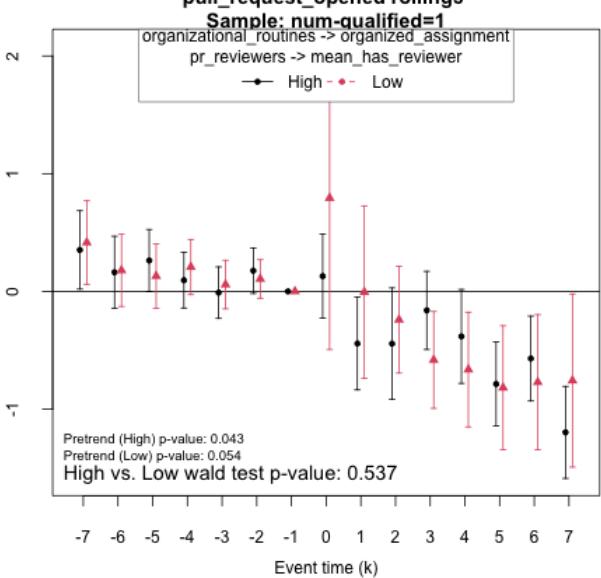
Sample: num-qualified=1

**pull\_request\_merged rolling5**

Sample: num-qualified=1

**pull\_request\_opened rolling5**

Sample: num-qualified=1

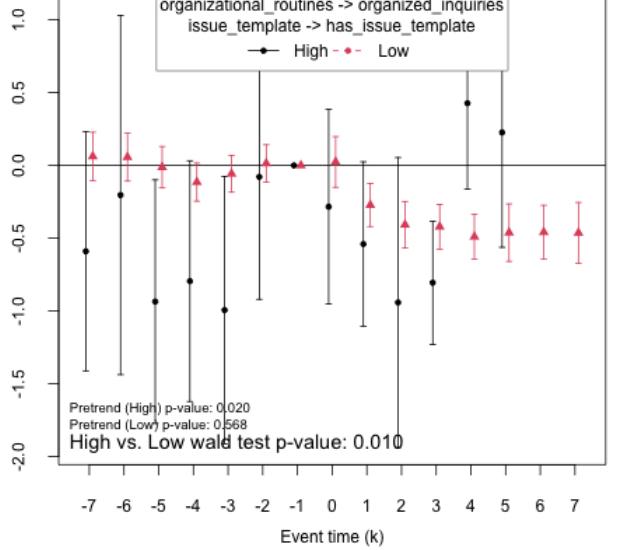


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**

organizational\_routines -&gt; organized\_inquiries

issue\_template -&gt; has\_issue\_template

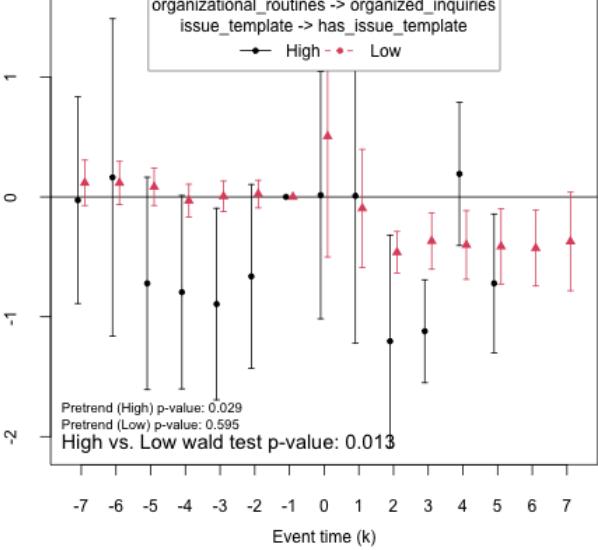
● High - ● Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**

organizational\_routines -&gt; organized\_inquiries

issue\_template -&gt; has\_issue\_template

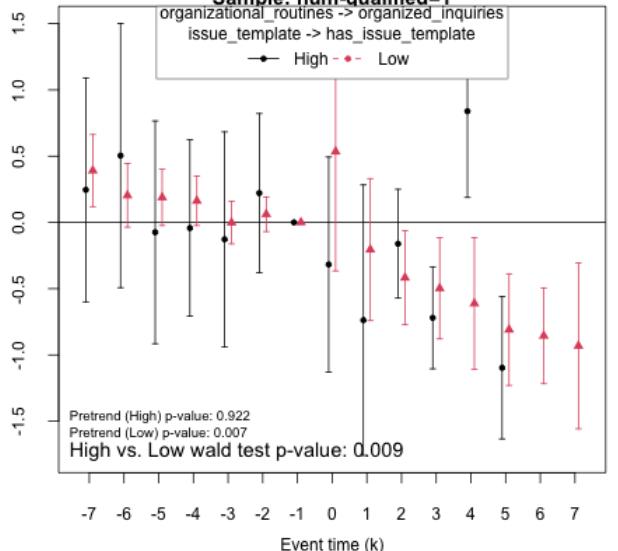
● High - ● Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**

organizational\_routines -&gt; organized\_inquiries

issue\_template -&gt; has\_issue\_template

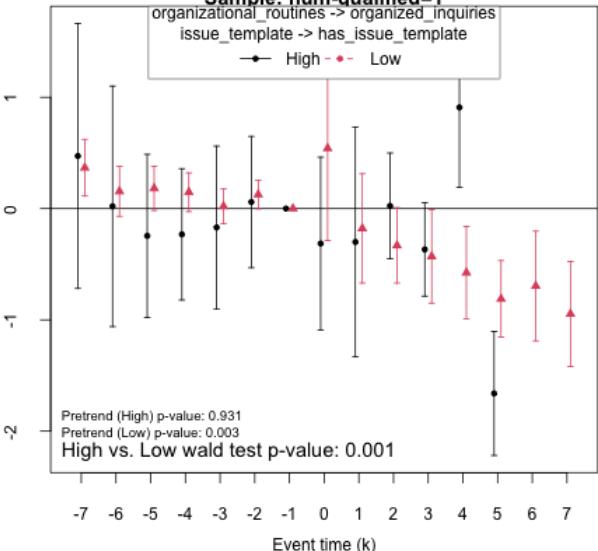
● High - ● Low

**pull\_request\_opened rolling5****Sample: num-qualified=1**

organizational\_routines -&gt; organized\_inquiries

issue\_template -&gt; has\_issue\_template

● High - ● Low



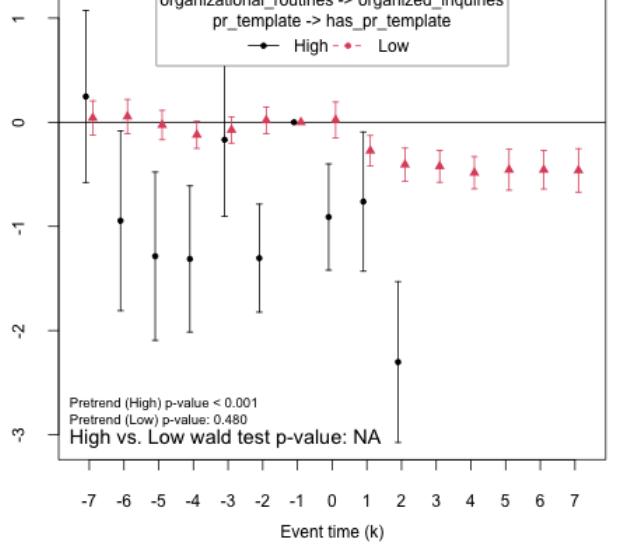
### major\_minor\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

pr\_template -> has\_pr\_template

—●— High —●— Low



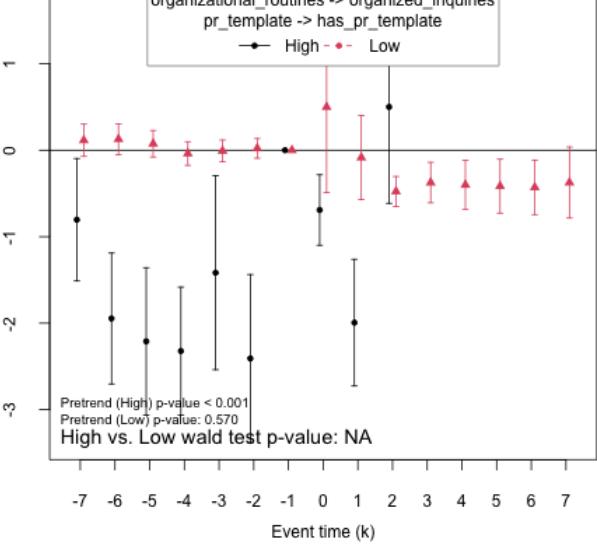
### overall\_new\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

pr\_template -> has\_pr\_template

—●— High —●— Low



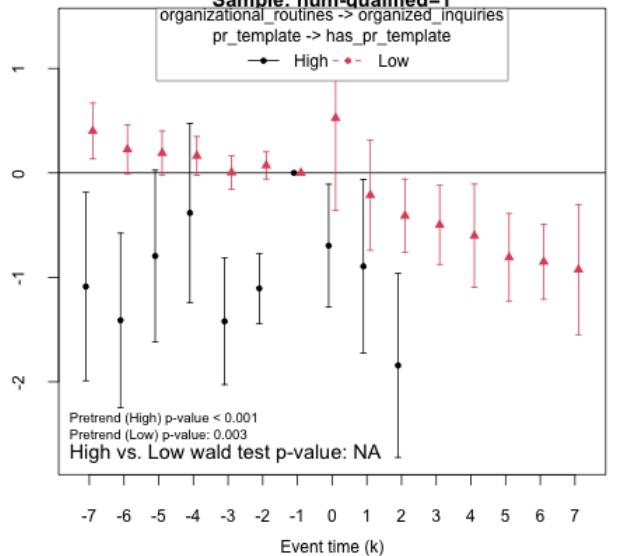
### pull\_request\_merged rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

pr\_template -> has\_pr\_template

—●— High —●— Low



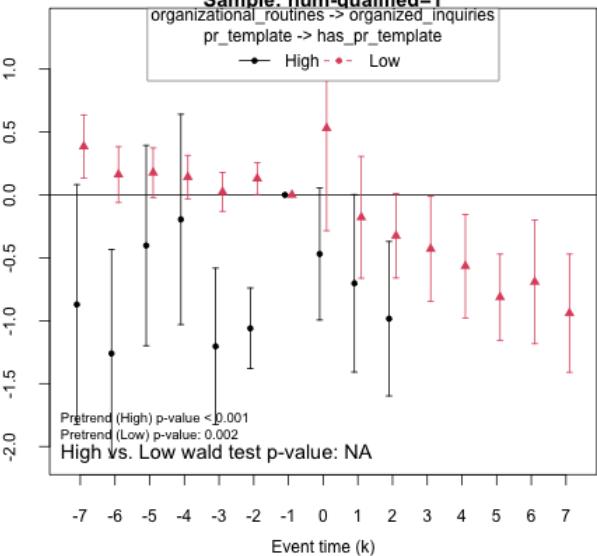
### pull\_request\_opened rolling5

Sample: num-qualified=1

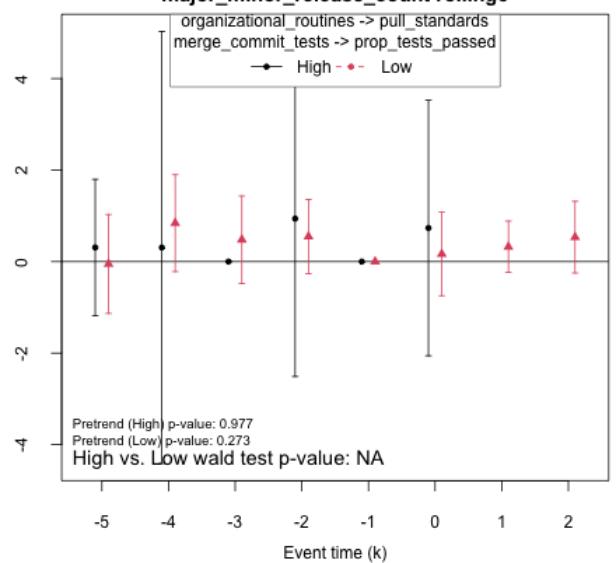
organizational\_routines -> organized\_inquiries

pr\_template -> has\_pr\_template

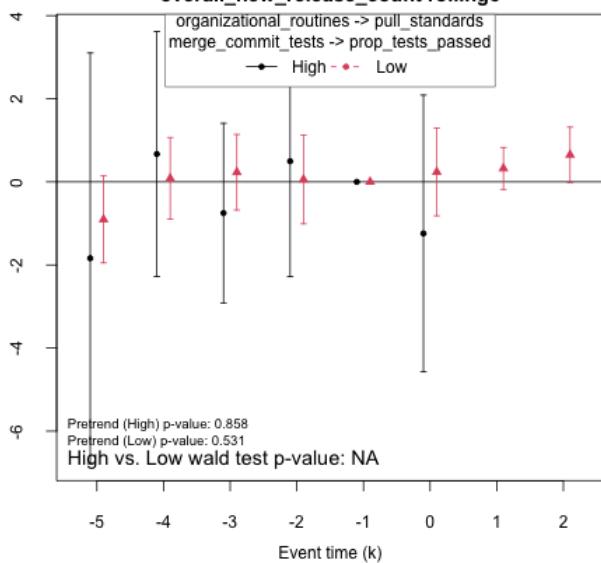
—●— High —●— Low



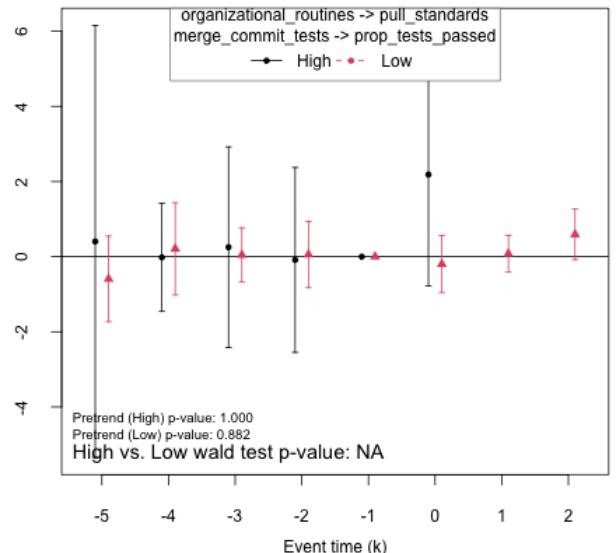
### major\_minor\_release\_count rolling5



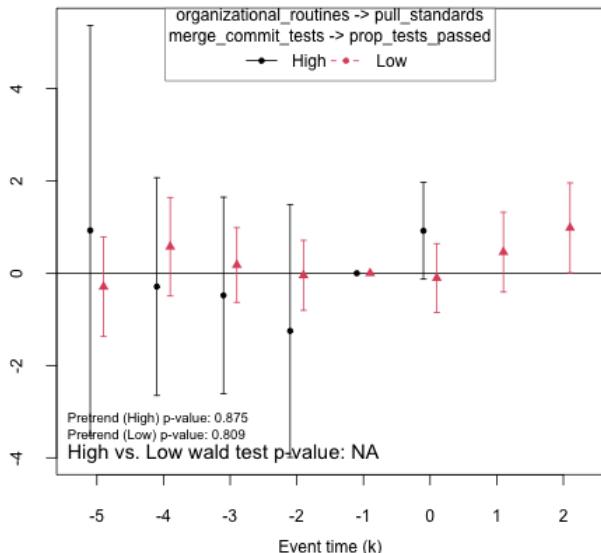
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5

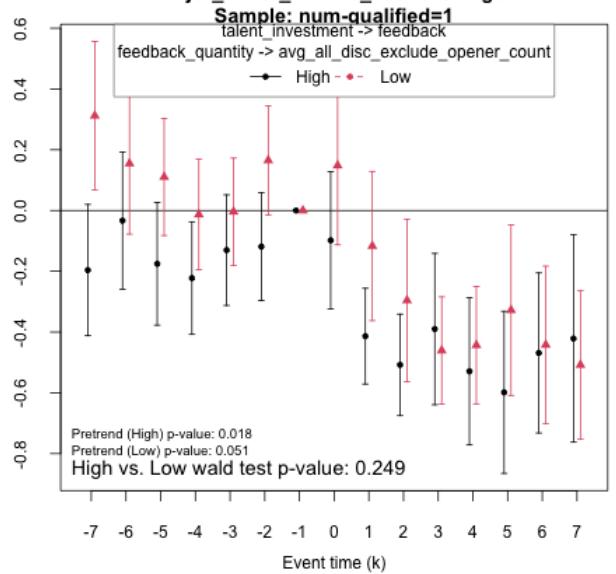


### pull\_request\_opened rolling5

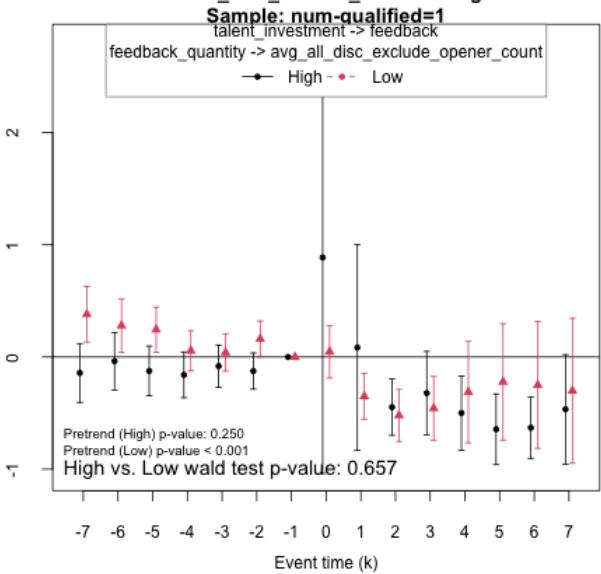


**major\_minor\_release\_count rolling5**

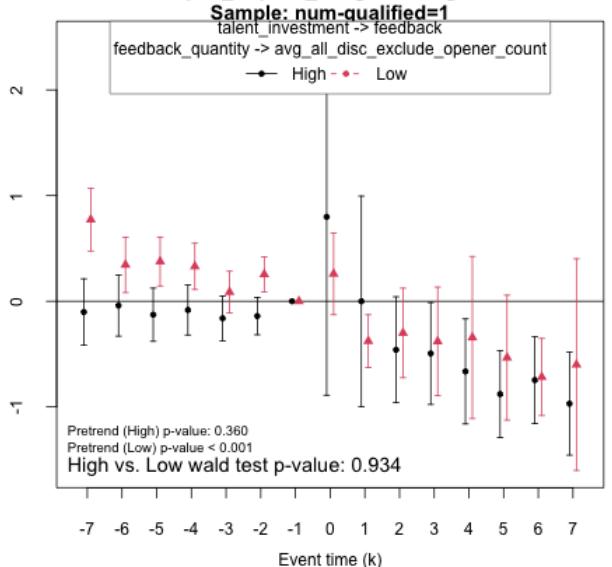
Sample: num-qualified=1

**overall\_new\_release\_count rolling5**

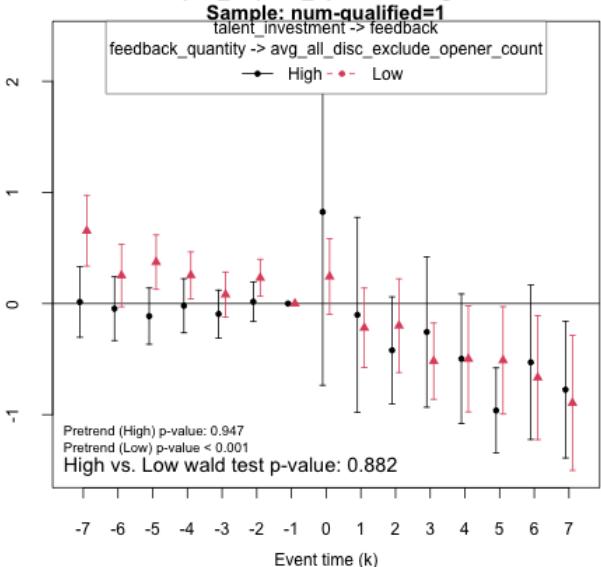
Sample: num-qualified=1

**pull\_request\_merged rolling5**

Sample: num-qualified=1

**pull\_request\_opened rolling5**

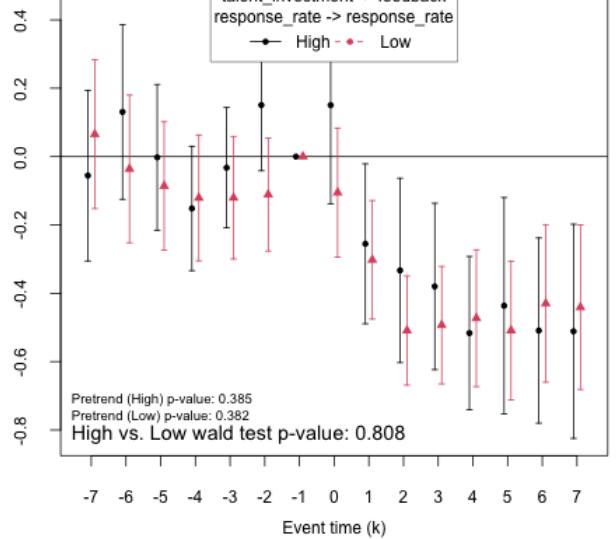
Sample: num-qualified=1



**major\_minor\_release\_count rolling5**

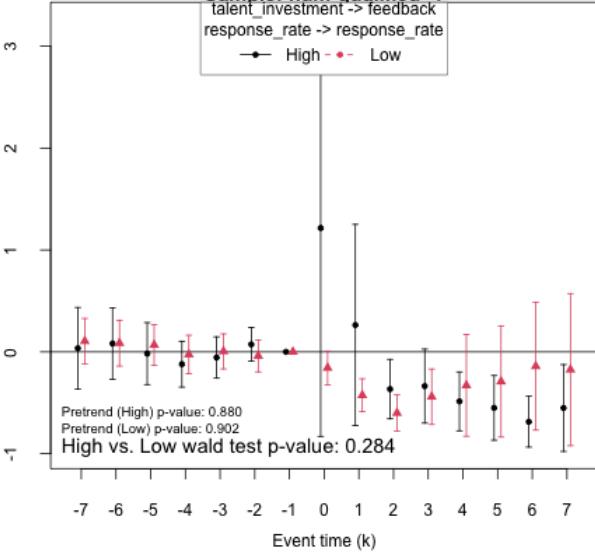
Sample: num-qualified=1

talent\_investment -> feedback  
 response\_rate -> response\_rate  
 ● High ▲ Low

**overall\_new\_release\_count rolling5**

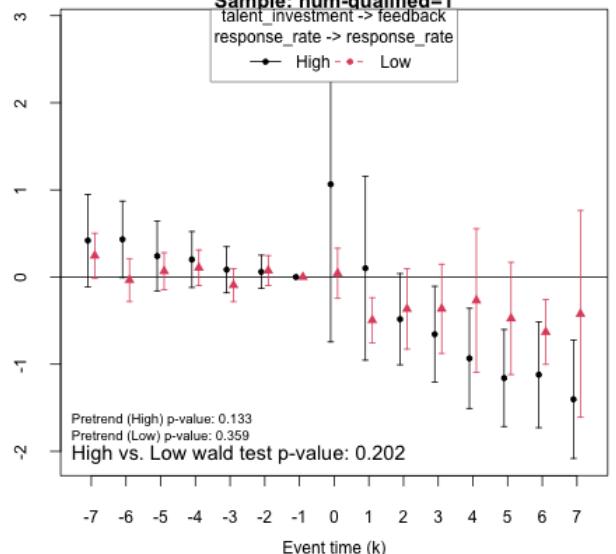
Sample: num-qualified=1

talent\_investment -> feedback  
 response\_rate -> response\_rate  
 ● High ▲ Low

**pull\_request\_merged rolling5**

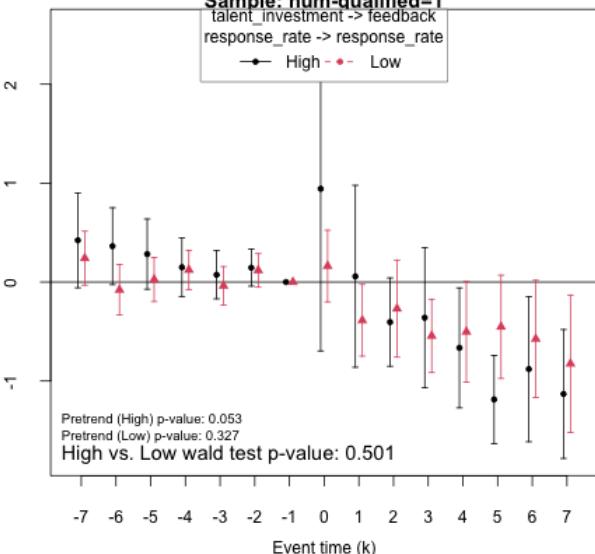
Sample: num-qualified=1

talent\_investment -> feedback  
 response\_rate -> response\_rate  
 ● High ▲ Low

**pull\_request\_opened rolling5**

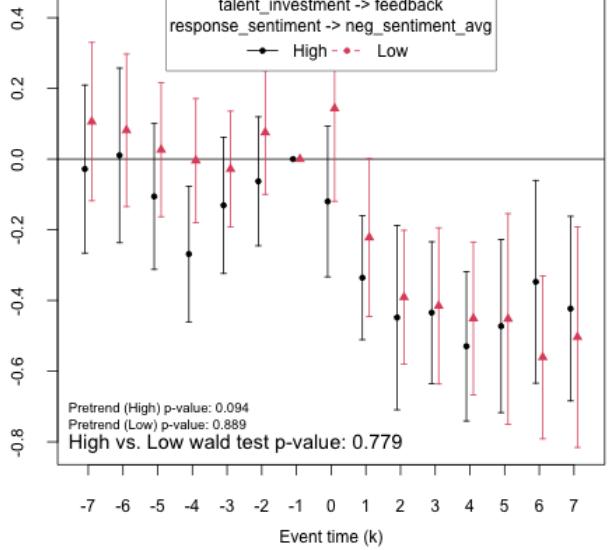
Sample: num-qualified=1

talent\_investment -> feedback  
 response\_rate -> response\_rate  
 ● High ▲ Low

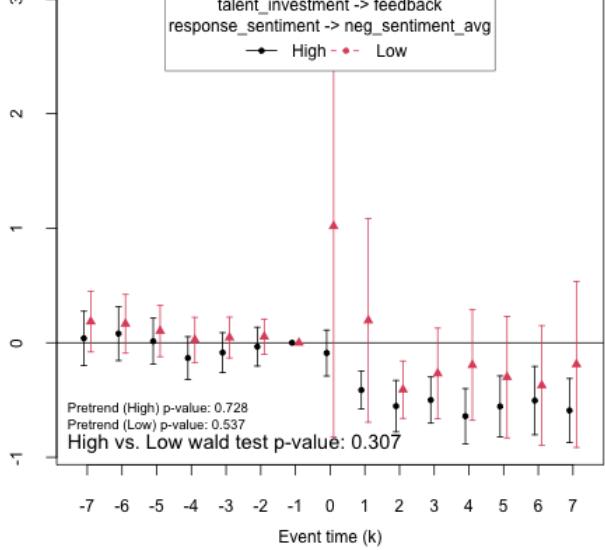


**major\_minor\_release\_count rolling5**

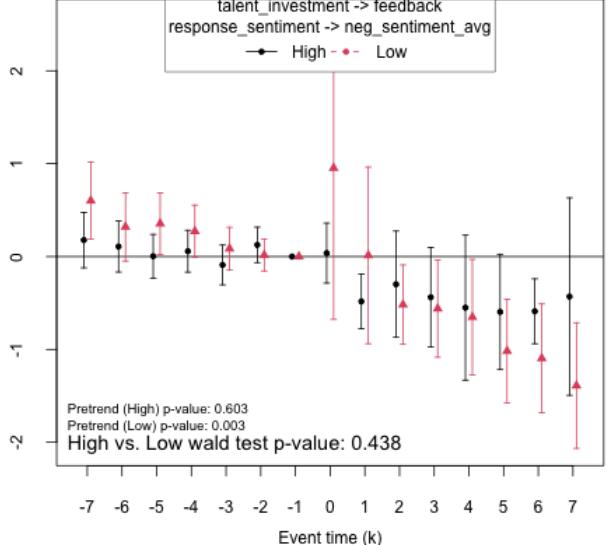
Sample: num-qualified=1

**overall\_new\_release\_count rolling5**

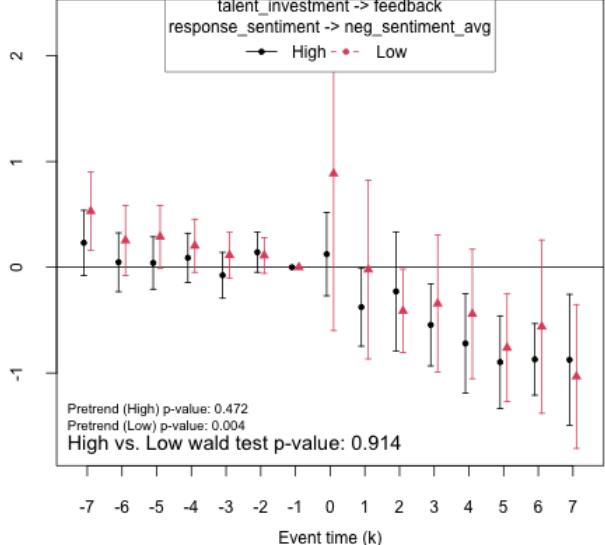
Sample: num-qualified=1

**pull\_request\_merged rolling5**

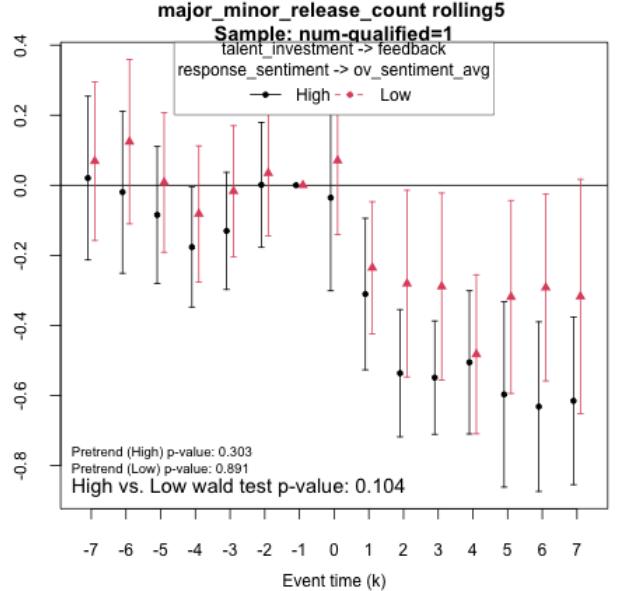
Sample: num-qualified=1

**pull\_request\_opened rolling5**

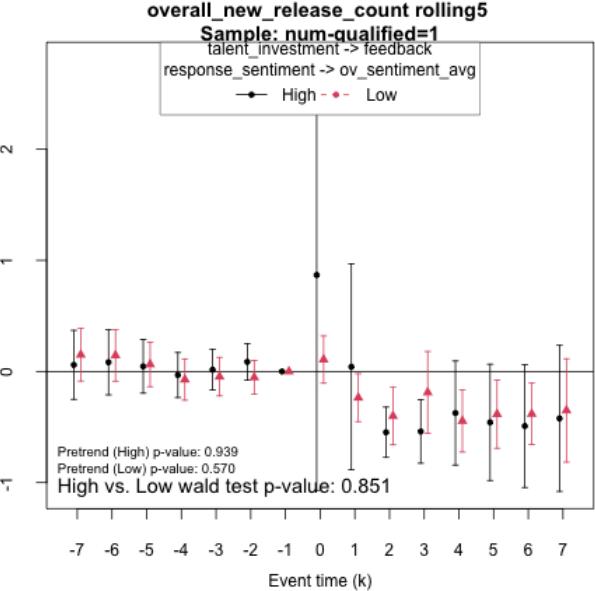
Sample: num-qualified=1



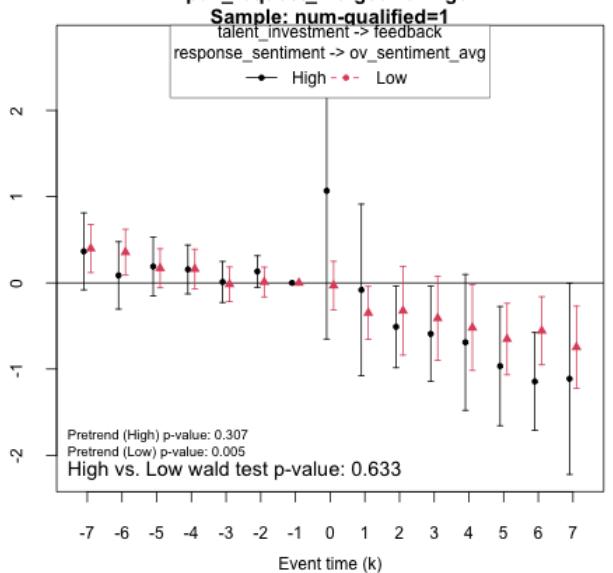
### major\_minor\_release\_count rolling5



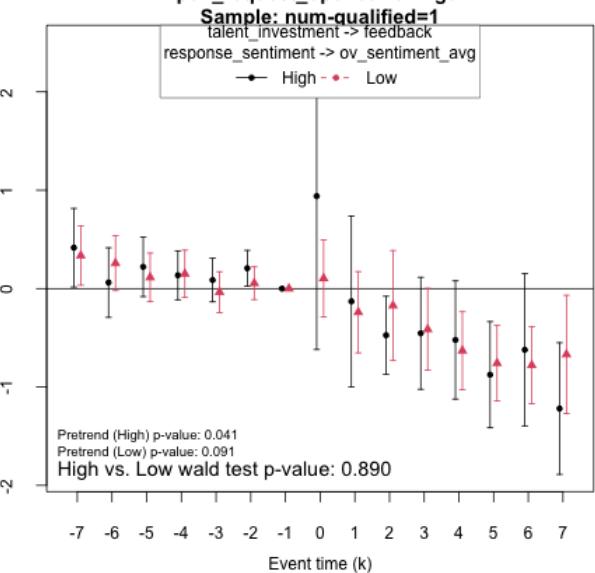
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



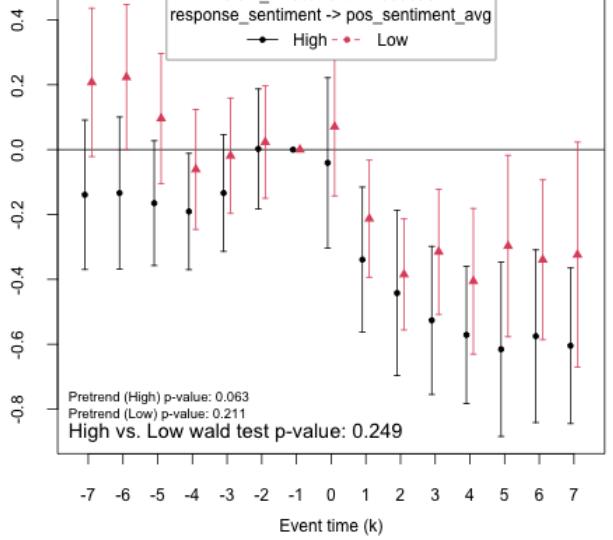
### pull\_request\_opened rolling5



### major\_minor\_release\_count rolling5

Sample: num-qualified=1

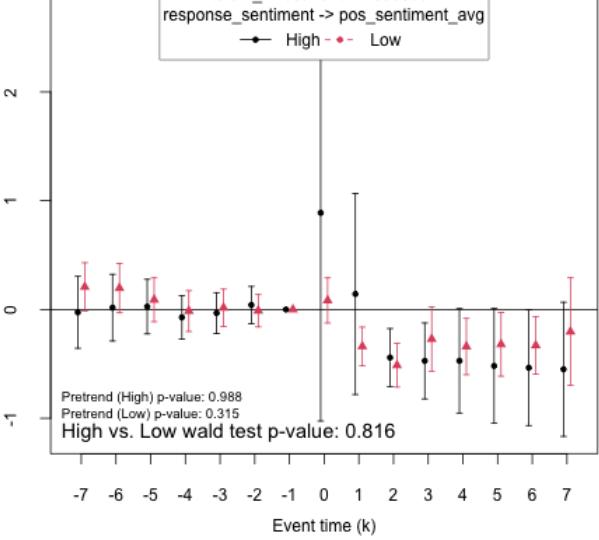
talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg



### overall\_new\_release\_count rolling5

Sample: num-qualified=1

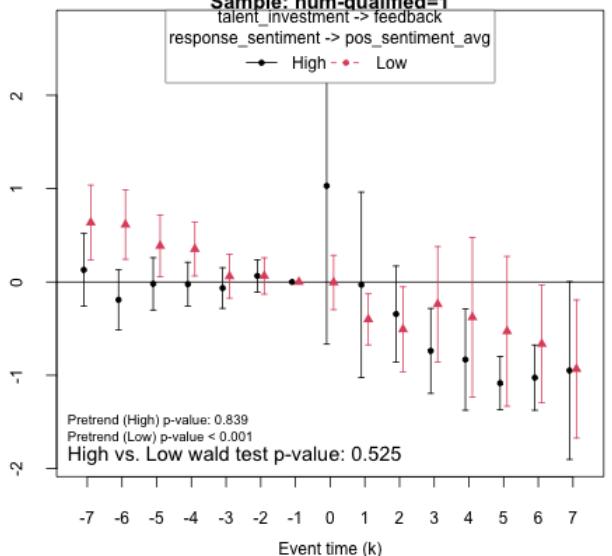
talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg



### pull\_request\_merged rolling5

Sample: num-qualified=1

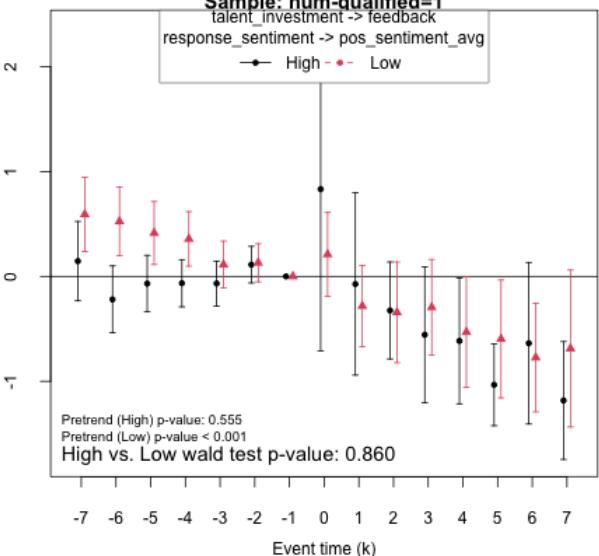
talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg



### pull\_request\_opened rolling5

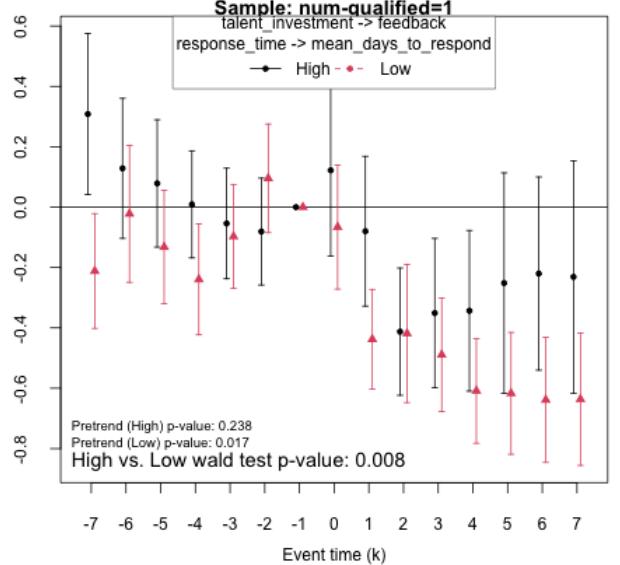
Sample: num-qualified=1

talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg

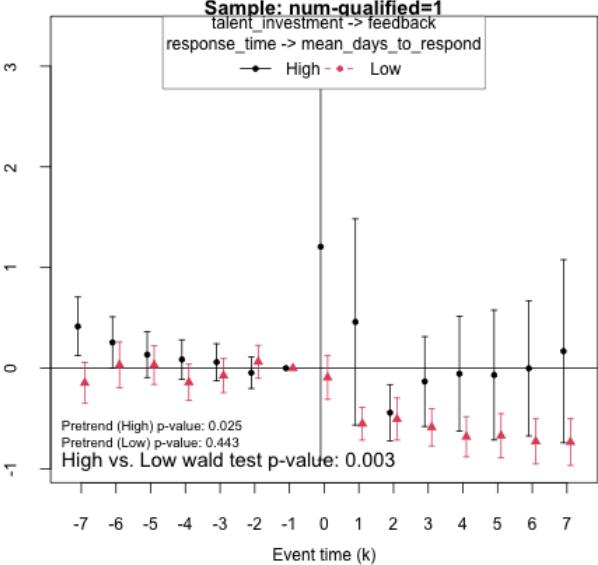


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**

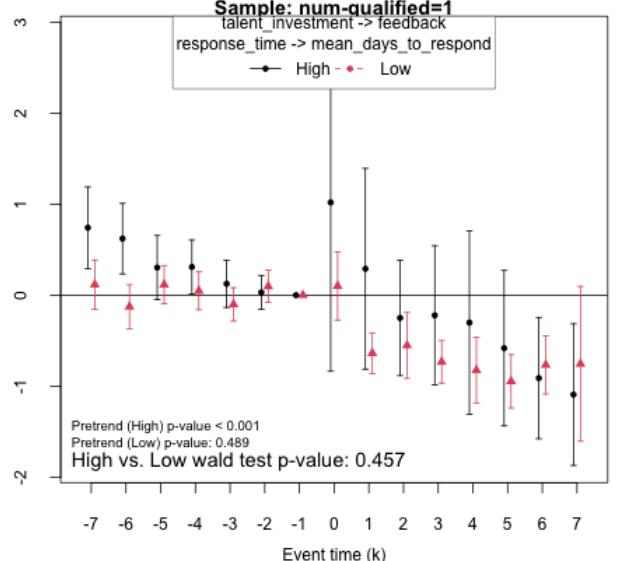
talent\_investment -> feedback  
 response\_time -> mean\_days\_to\_respond  
 ● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**

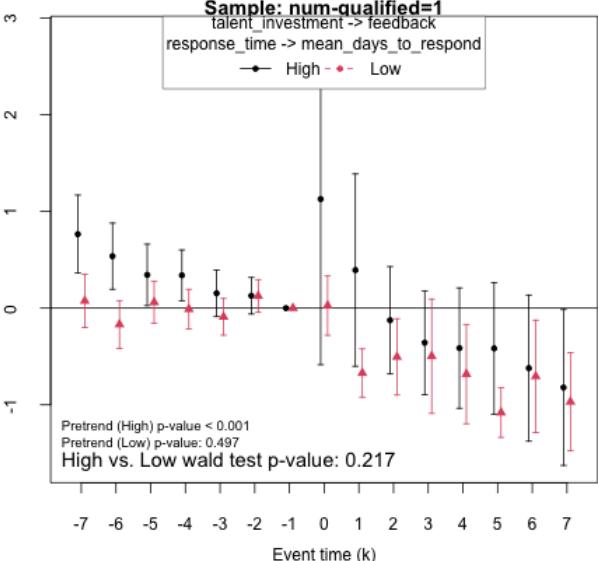
talent\_investment -> feedback  
 response\_time -> mean\_days\_to\_respond  
 ● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**

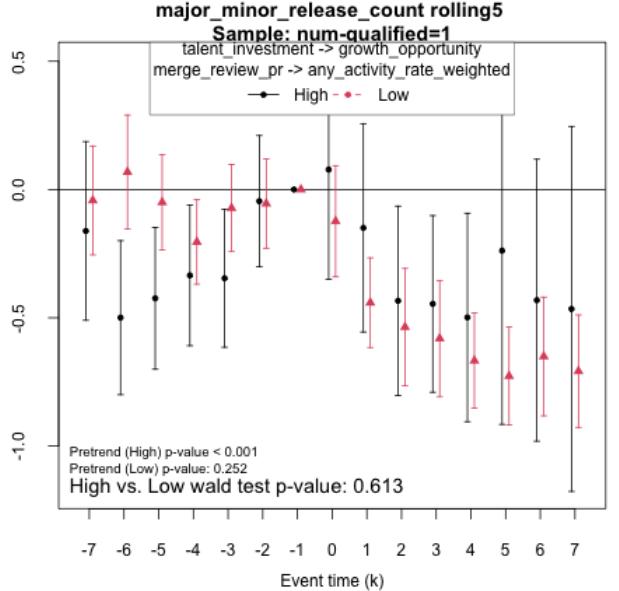
talent\_investment -> feedback  
 response\_time -> mean\_days\_to\_respond  
 ● High ▲ Low

**pull\_request\_opened rolling5****Sample: num-qualified=1**

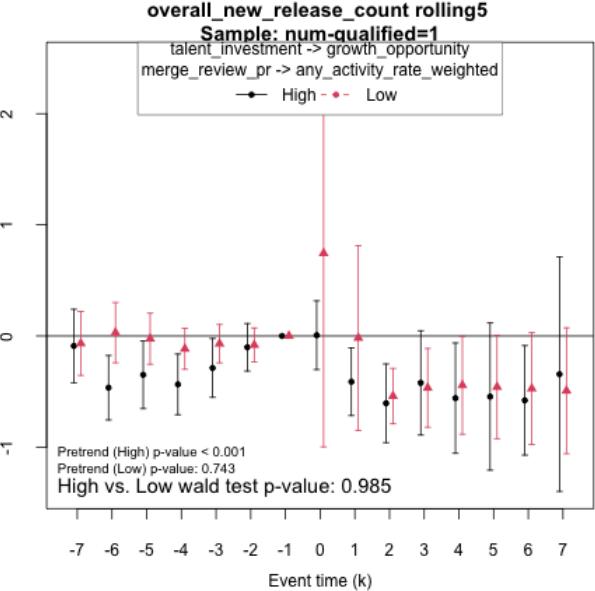
talent\_investment -> feedback  
 response\_time -> mean\_days\_to\_respond  
 ● High ▲ Low



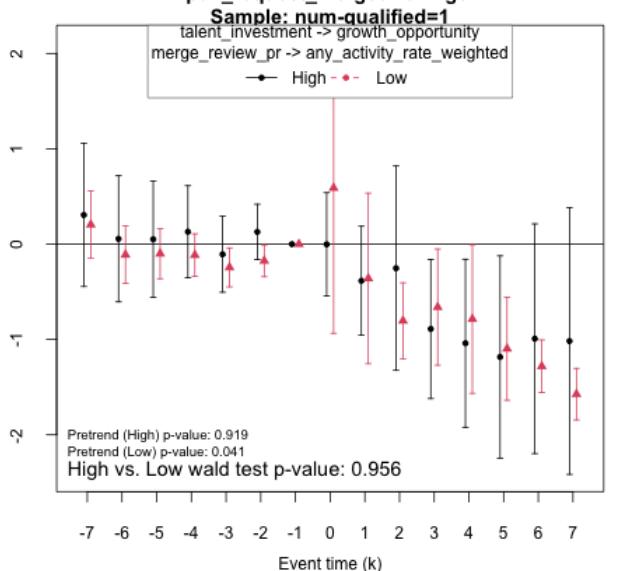
### major\_minor\_release\_count rolling5



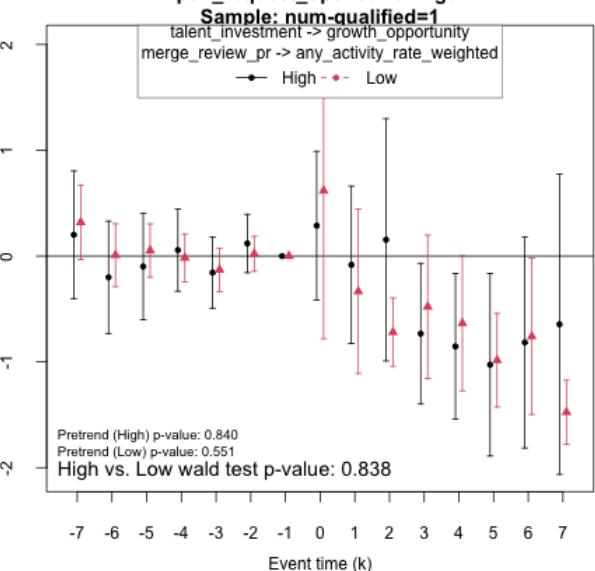
### overall\_new\_release\_count rolling5



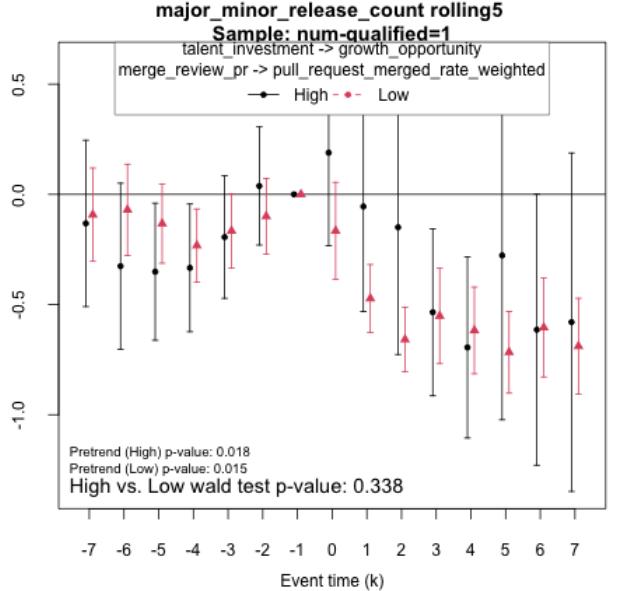
### pull\_request\_merged rolling5



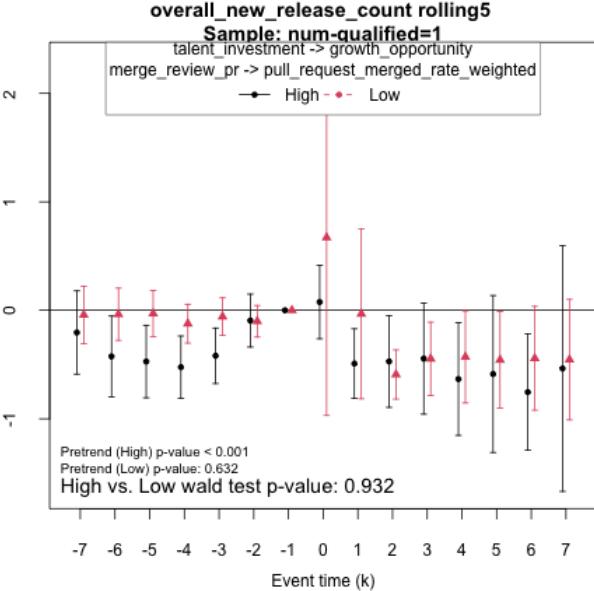
### pull\_request\_opened rolling5



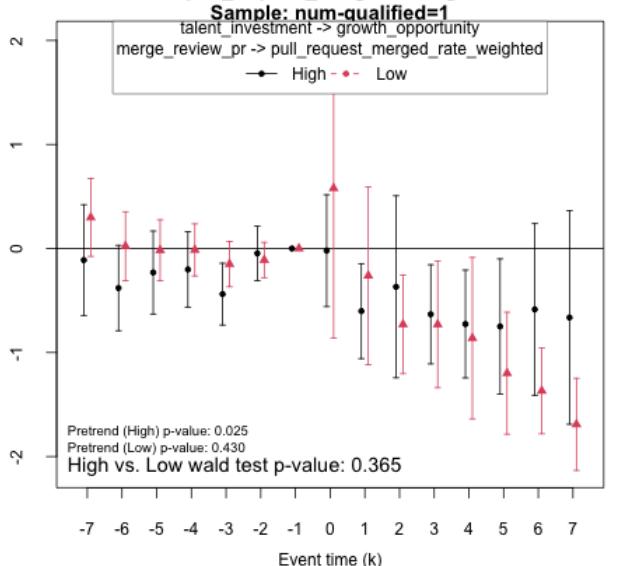
### major\_minor\_release\_count rolling5



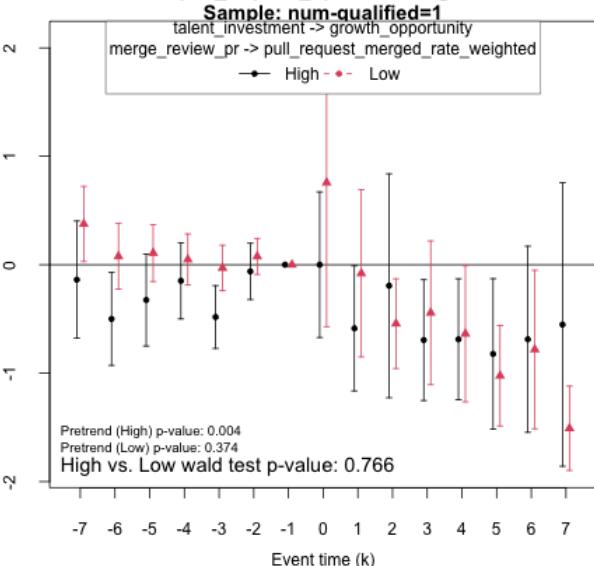
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5

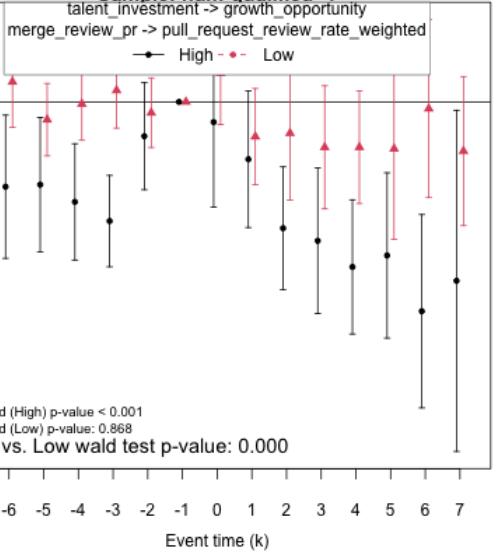


### pull\_request\_opened rolling5



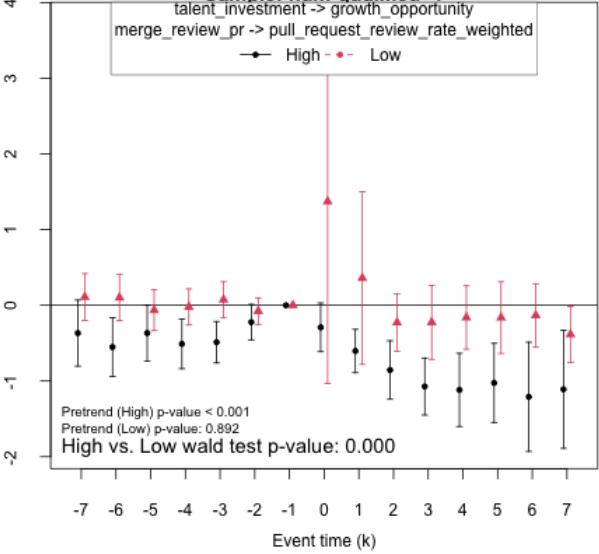
### major\_minor\_release\_count rolling5

Sample: num-qualified=1



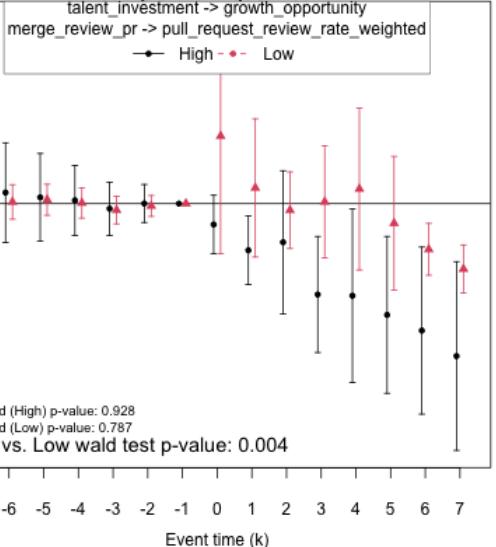
### overall\_new\_release\_count rolling5

Sample: num-qualified=1



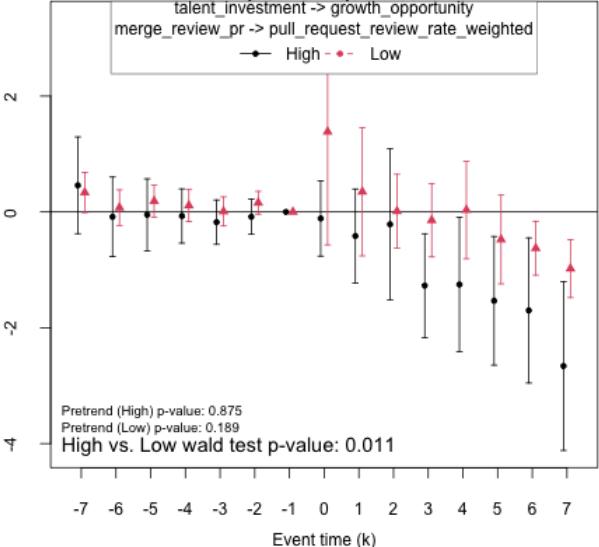
### pull\_request\_merged rolling5

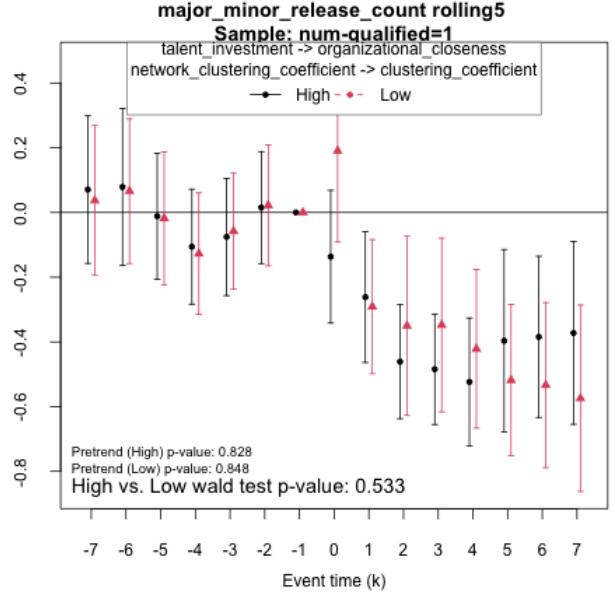
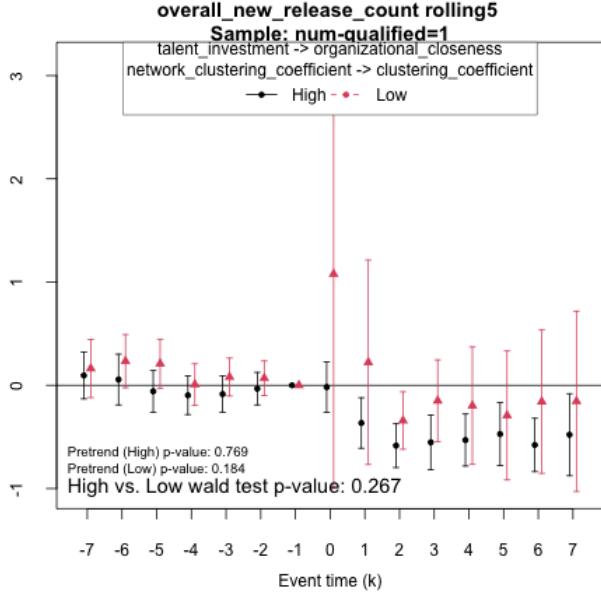
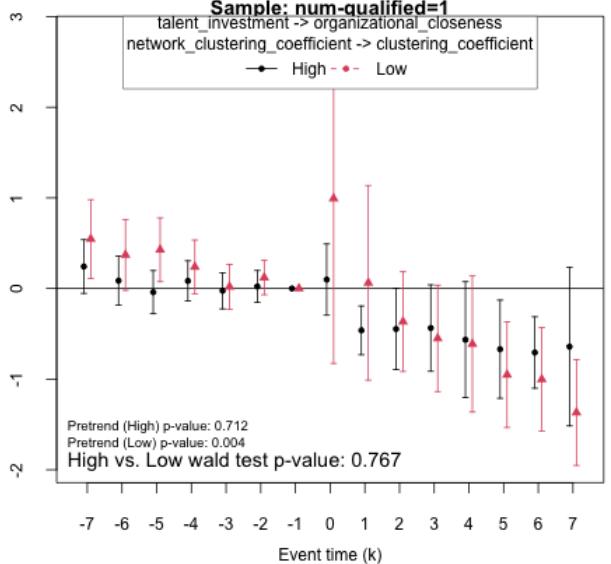
Sample: num-qualified=1



### pull\_request\_opened rolling5

Sample: num-qualified=1



**major\_minor\_release\_count rolling5****overall\_new\_release\_count rolling5****pull\_request\_merged rolling5****pull\_request\_opened rolling5**