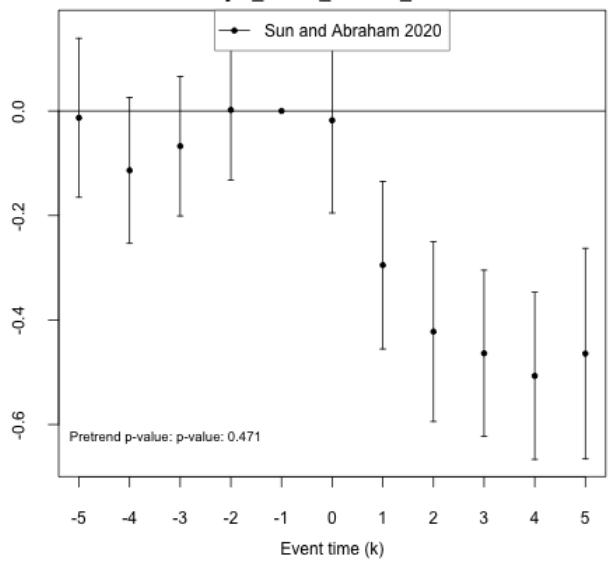
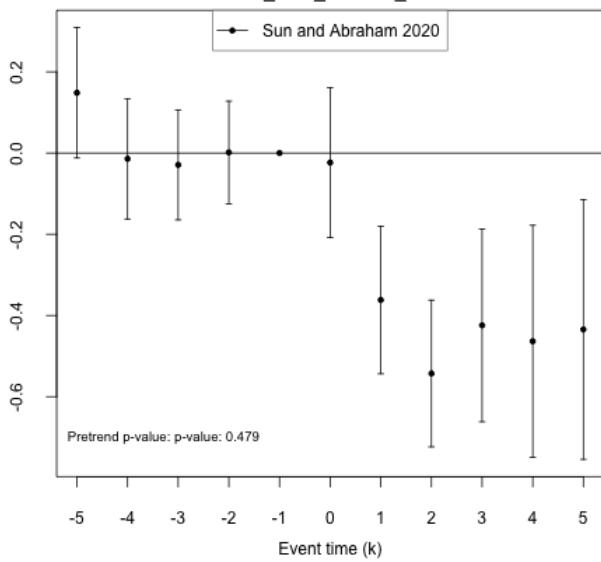
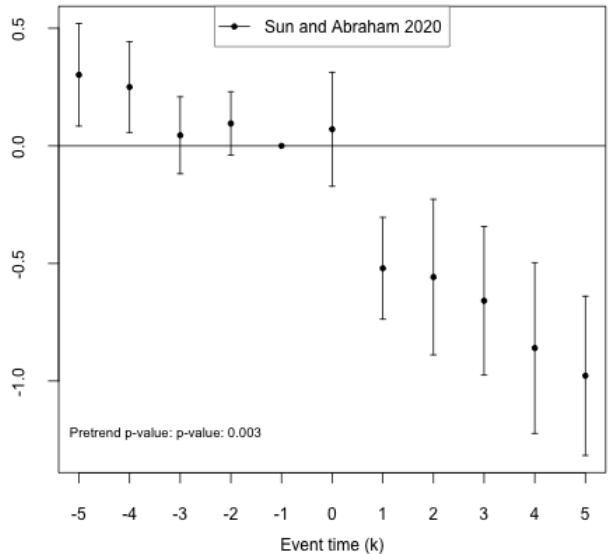
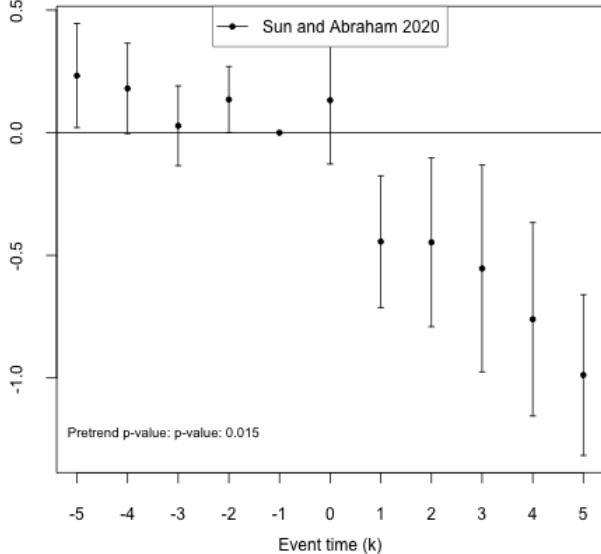


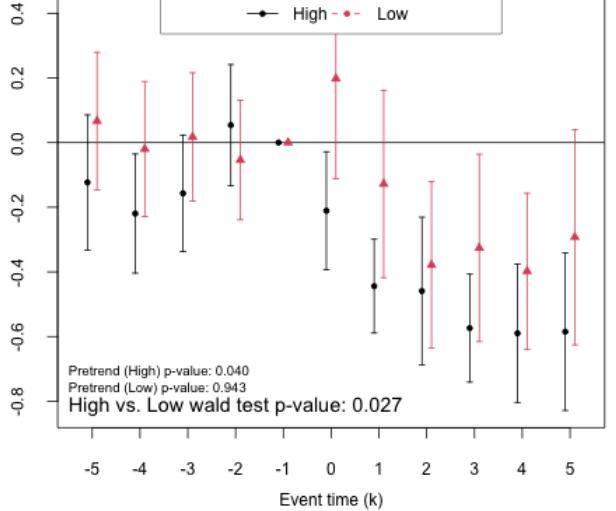
**major\_minor\_release\_count****overall\_new\_release\_count****pull\_request\_merged****pull\_request\_opened**

### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
activity\_diversity\_count -> avg\_unique\_types

● High ▲ Low

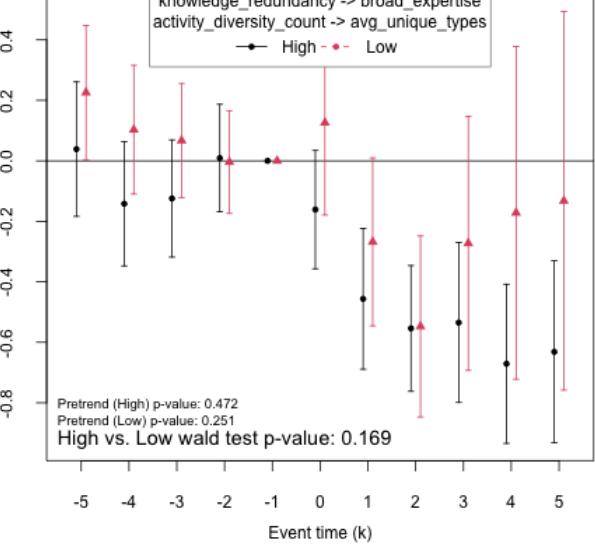


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
activity\_diversity\_count -> avg\_unique\_types

● High ▲ Low

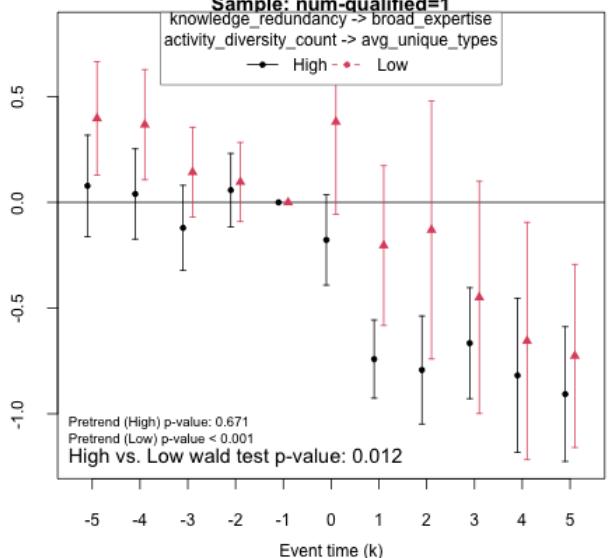


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
activity\_diversity\_count -> avg\_unique\_types

● High ▲ Low

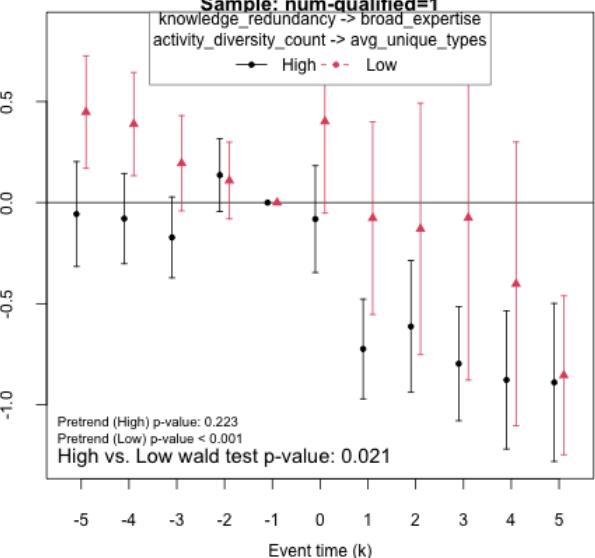


### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
activity\_diversity\_count -> avg\_unique\_types

● High ▲ Low

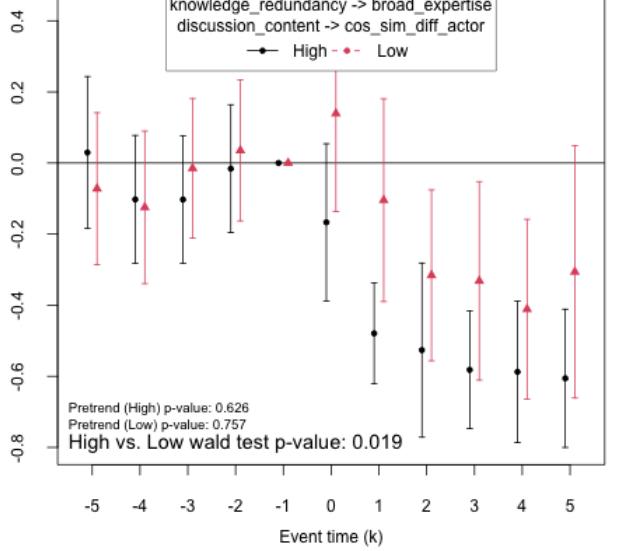


### major\_minor\_release\_count rolling5

Sample: num-qualified=1

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

● High ▲ Low

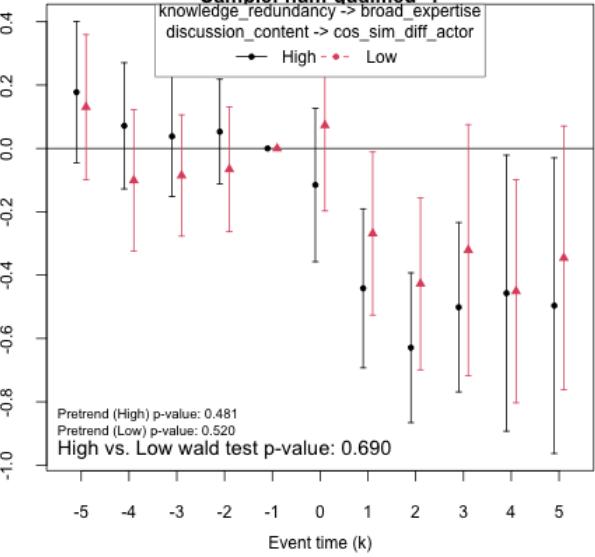


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

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

● High ▲ Low

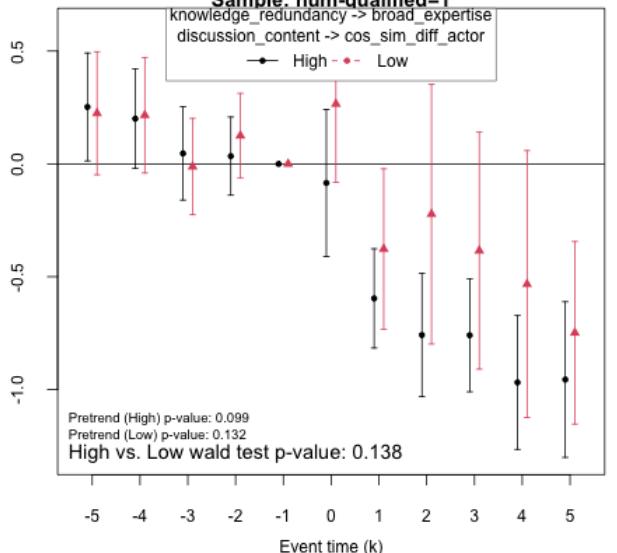


### pull\_request\_merged rolling5

Sample: num-qualified=1

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

● High ▲ Low

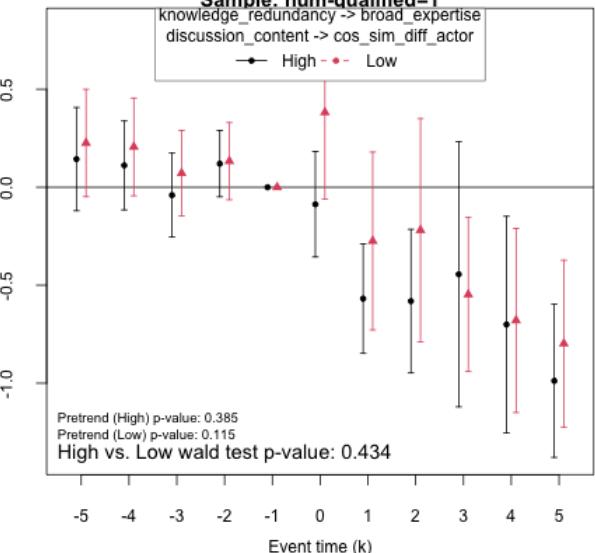


### pull\_request\_opened rolling5

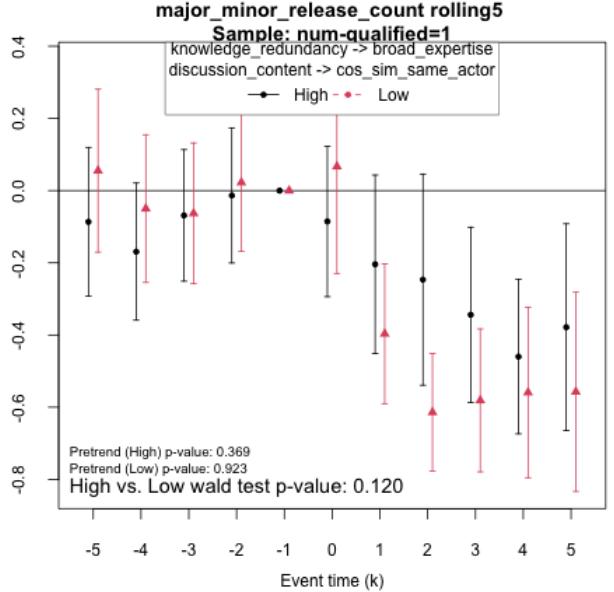
Sample: num-qualified=1

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

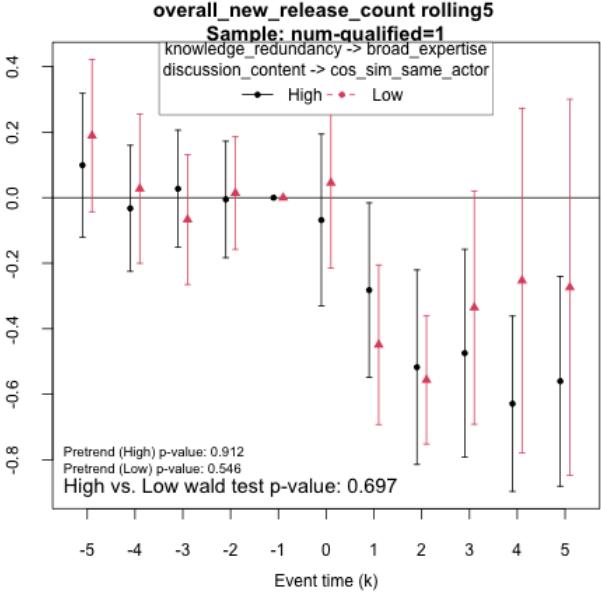
● High ▲ Low



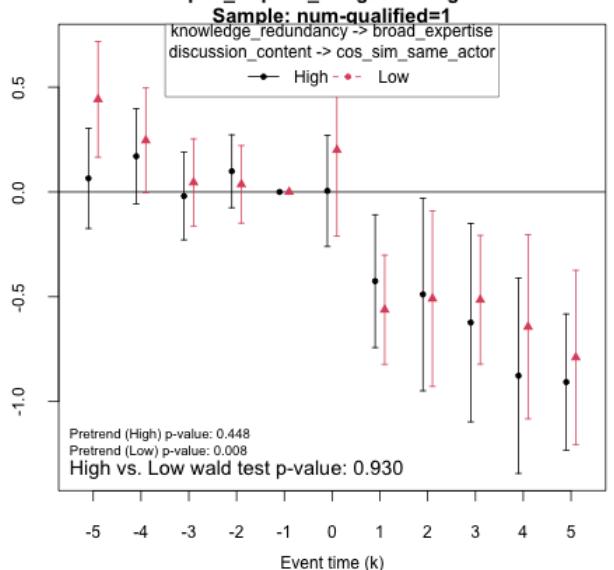
### major\_minor\_release\_count rolling5



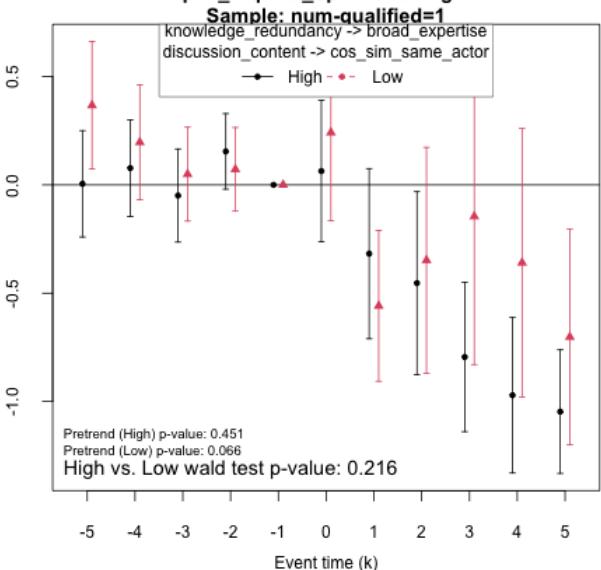
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



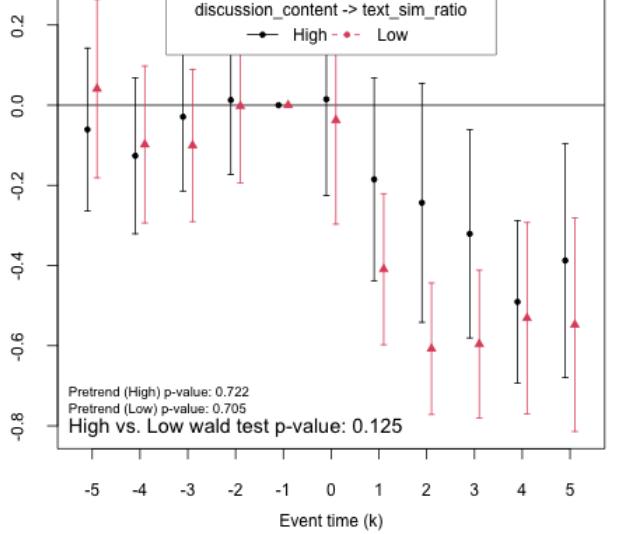
### pull\_request\_opened rolling5



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

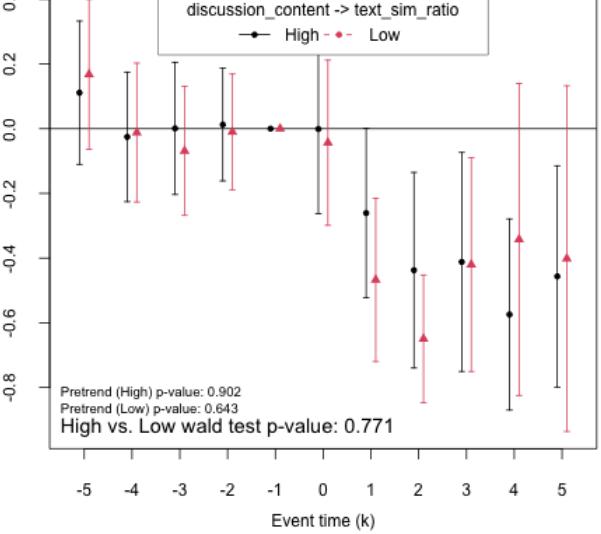
*knowledge\_redundancy -> broad\_expertise*  
*discussion\_content -> text\_sim\_ratio*

● High ▲ Low

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

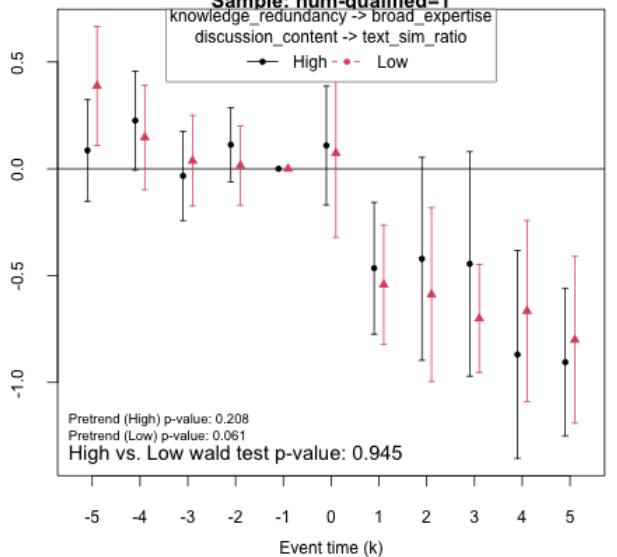
*knowledge\_redundancy -> broad\_expertise*  
*discussion\_content -> text\_sim\_ratio*

● High ▲ Low

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

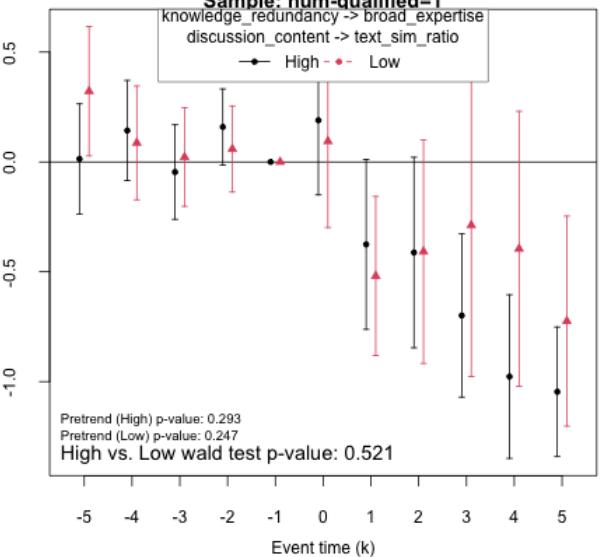
*knowledge\_redundancy -> broad\_expertise*  
*discussion\_content -> text\_sim\_ratio*

● High ▲ Low

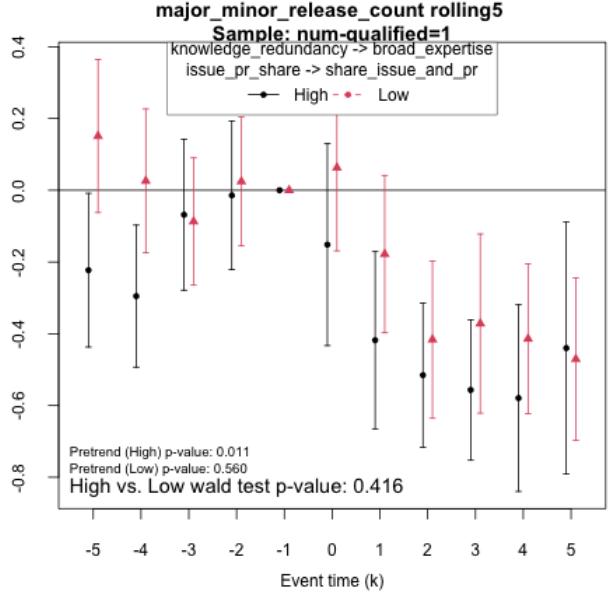
**pull\_request\_opened rolling5****Sample: num-qualified=1**

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

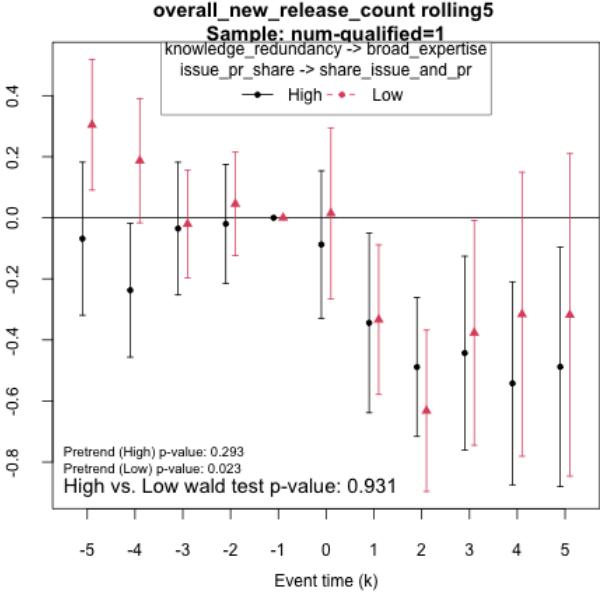
● High ▲ Low



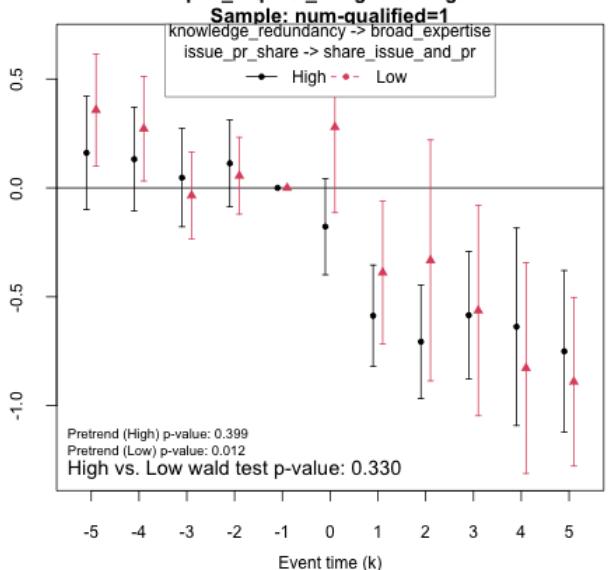
### major\_minor\_release\_count rolling5



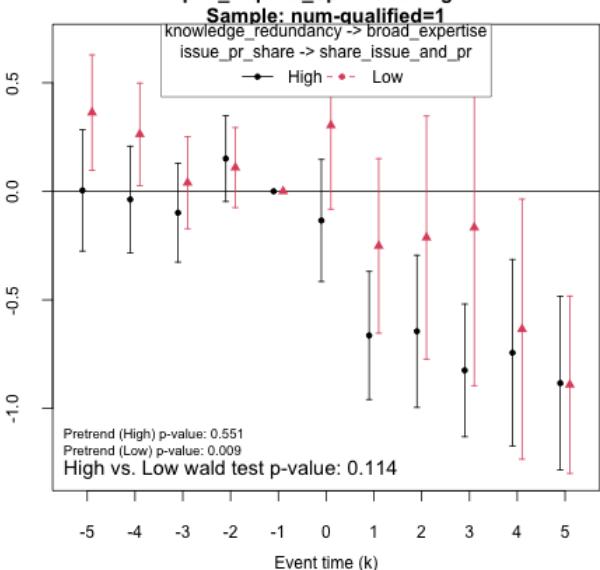
### overall\_new\_release\_count rolling5



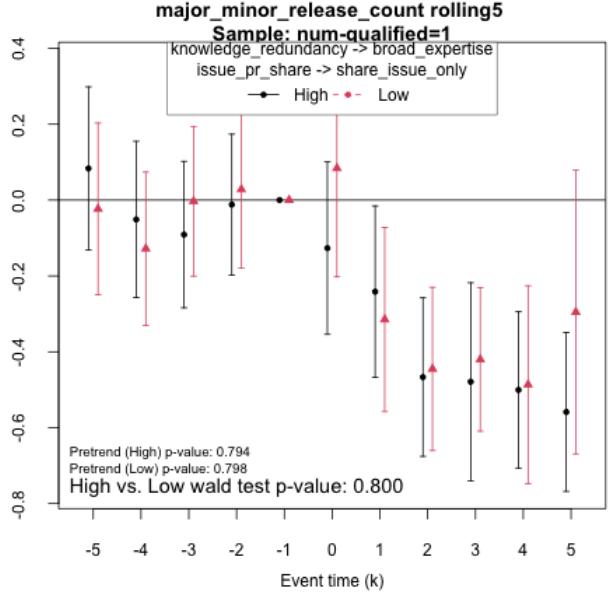
### pull\_request\_merged rolling5



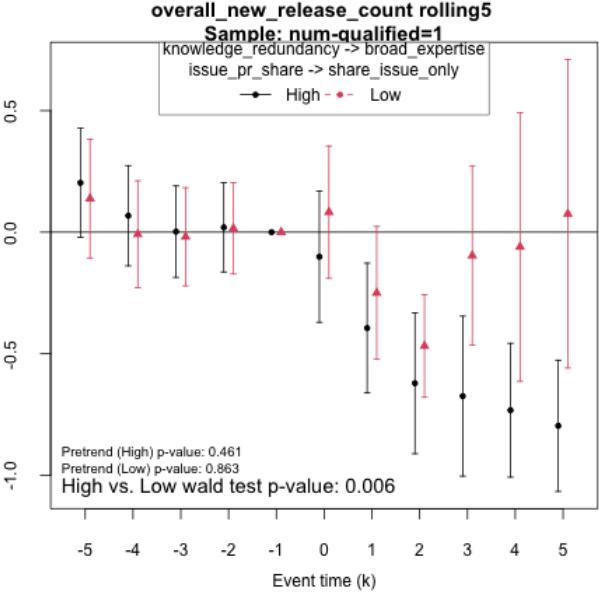
### pull\_request\_opened rolling5



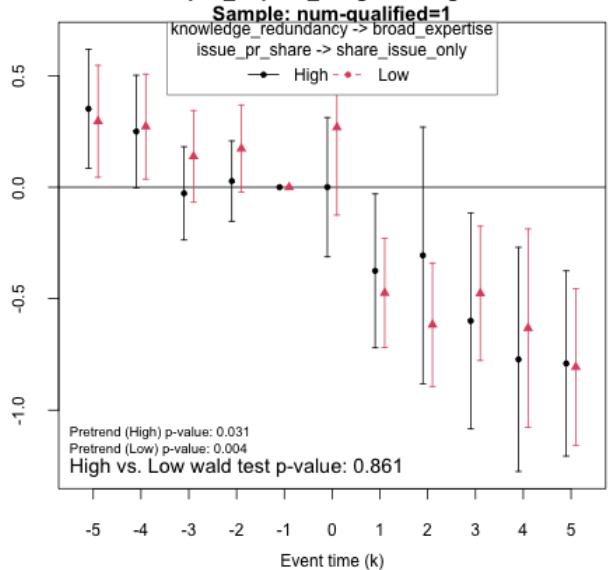
### major\_minor\_release\_count rolling5



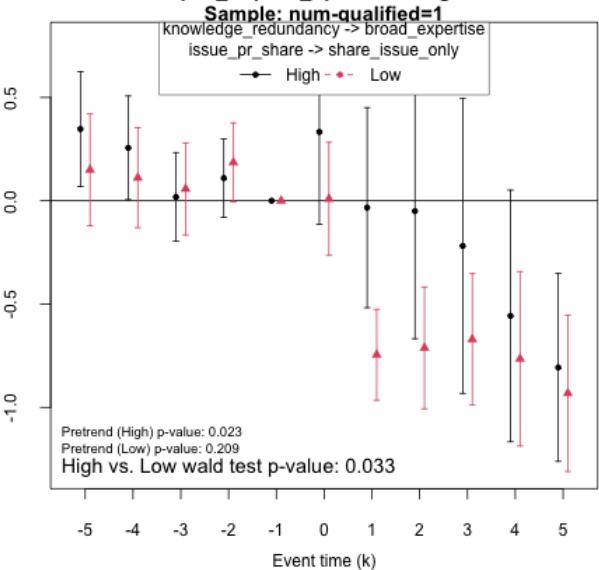
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



### pull\_request\_opened rolling5

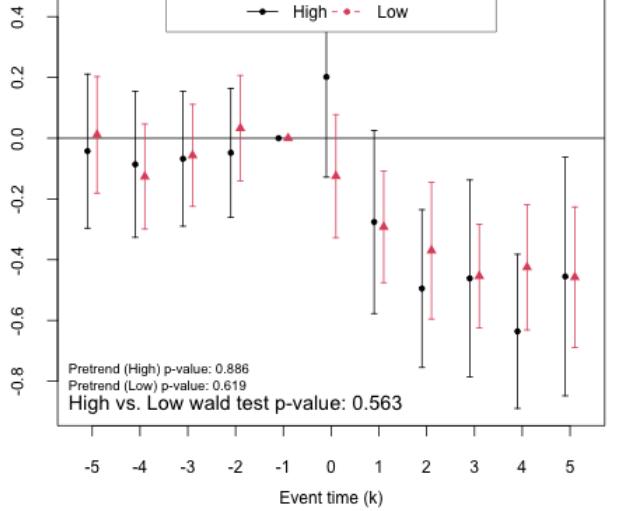


### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only

● High ▲ Low

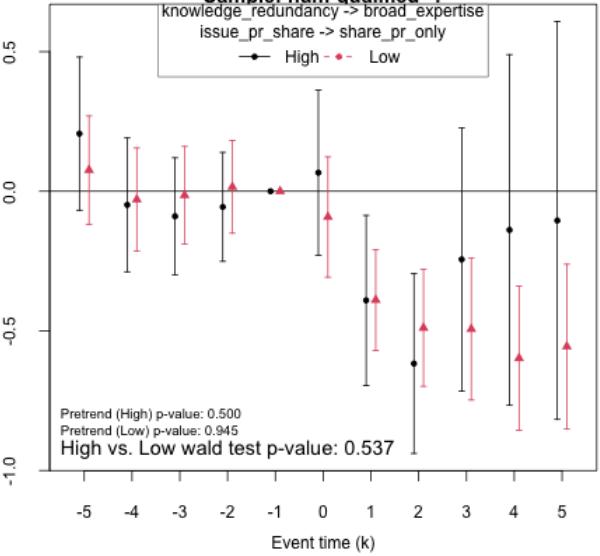


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only

● High ▲ Low

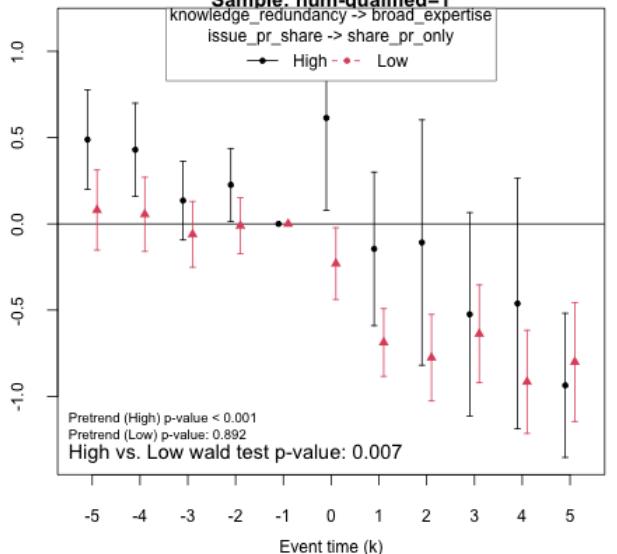


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only

● High ▲ Low

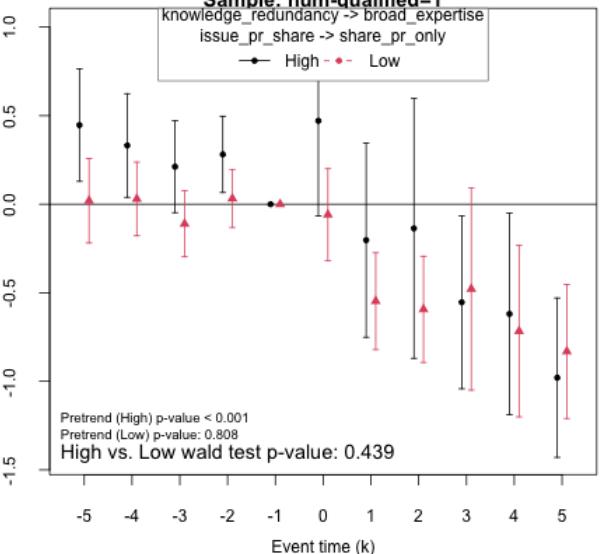


### pull\_request\_opened rolling5

Sample: num-qualified=1

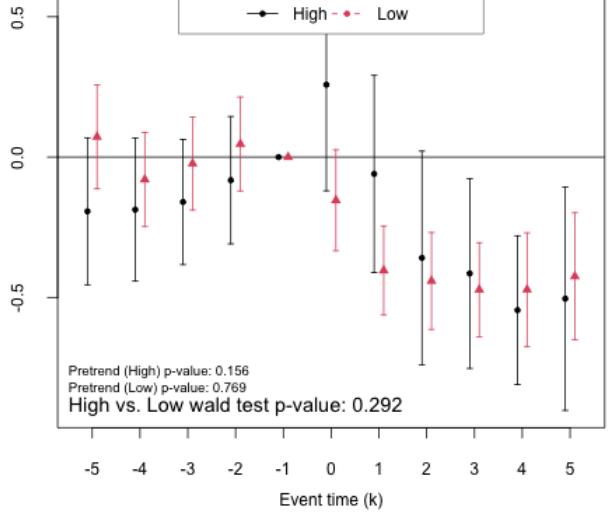
knowledge\_redundancy -> broad\_expertise  
issue\_pr\_share -> share\_pr\_only

● High ▲ Low

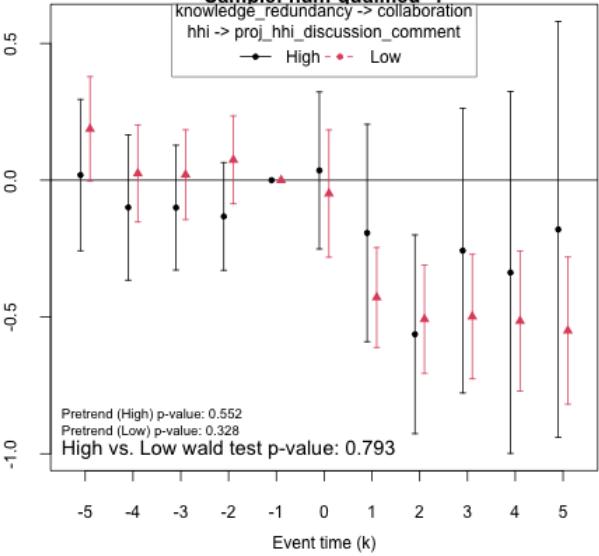


**major\_minor\_release\_count rolling5**

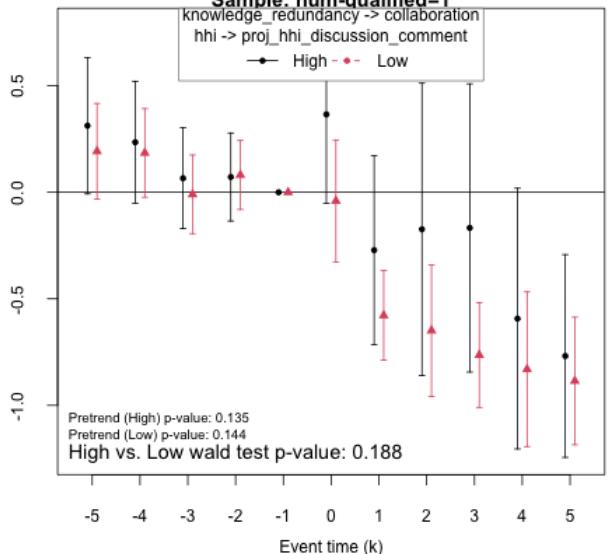
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High ▲ Low

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

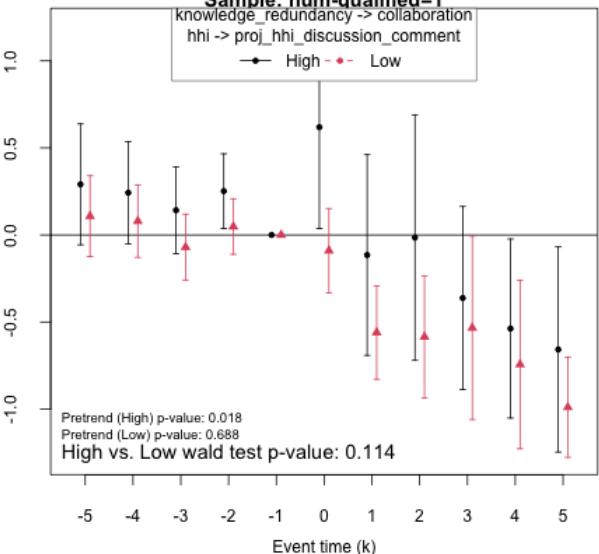
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High ▲ Low

**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**

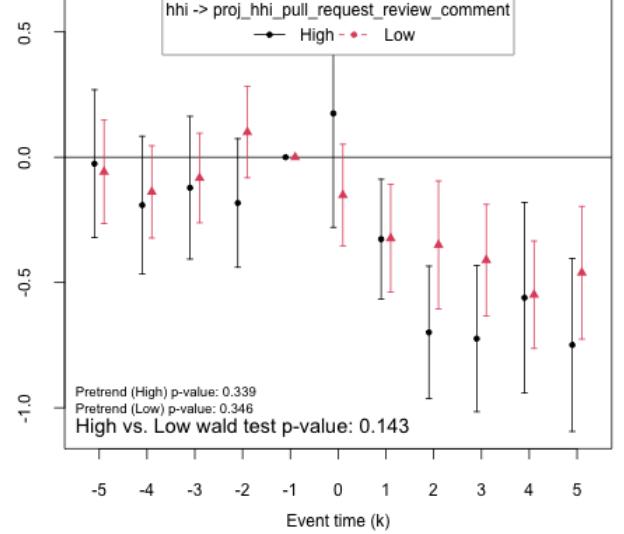
**Sample: num-qualified=1**  
knowledge\_redundancy -> collaboration  
 $hh_i \rightarrow proj\_hh_i\_discussion\_comment$   
● High ▲ Low



### major\_minor\_release\_count rolling5

knowledge\_redundancy->collaboration  
hh1 -> proj\_hhi\_pull\_request\_review\_comment

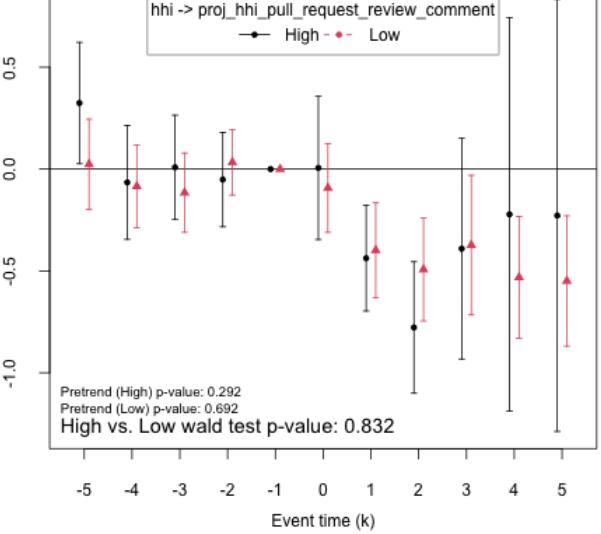
● High ▲ Low



### overall\_new\_release\_count rolling5

knowledge\_redundancy->collaboration  
hh1 -> proj\_hhi\_pull\_request\_review\_comment

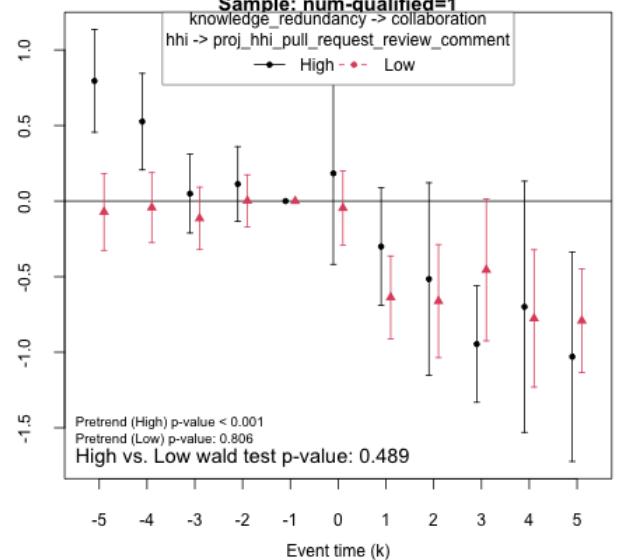
● High ▲ Low



### pull\_request\_merged rolling5

knowledge\_redundancy->collaboration  
hh1 -> proj\_hhi\_pull\_request\_review\_comment

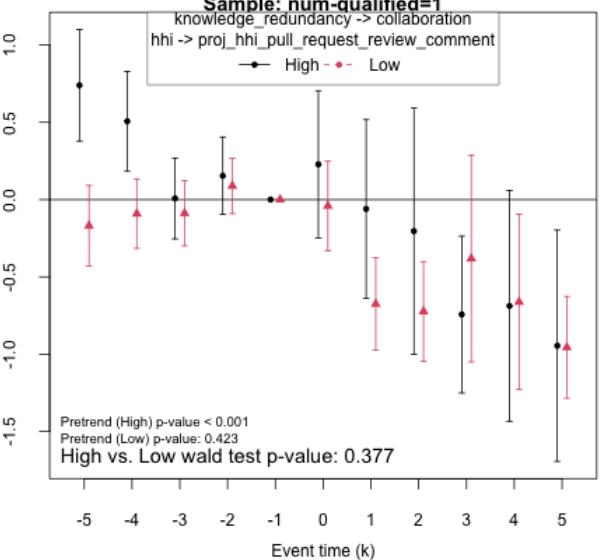
● High ▲ Low



### pull\_request\_opened rolling5

knowledge\_redundancy->collaboration  
hh1 -> proj\_hhi\_pull\_request\_review\_comment

● High ▲ Low

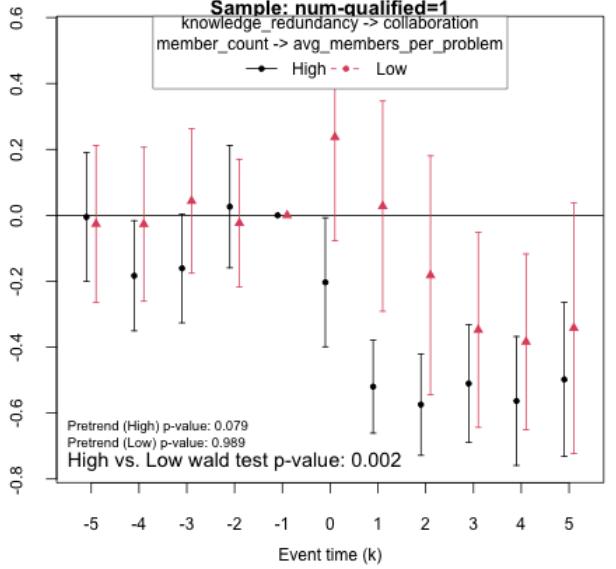


### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
member\_count -> avg\_members\_per\_problem

● High ▲ Low

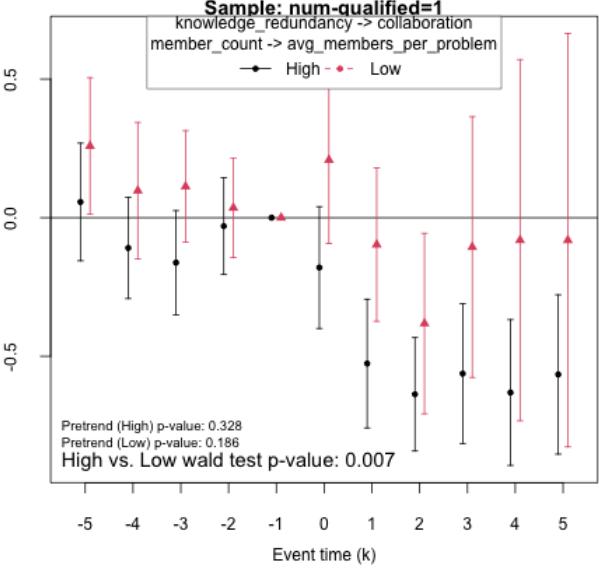


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
member\_count -> avg\_members\_per\_problem

● High ▲ Low

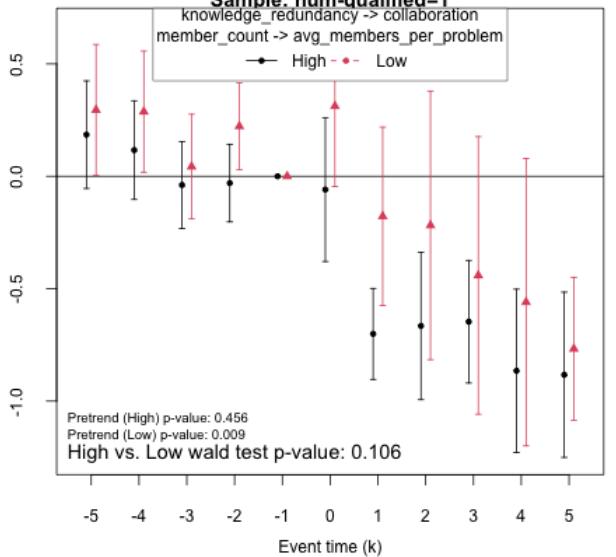


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
member\_count -> avg\_members\_per\_problem

● High ▲ Low

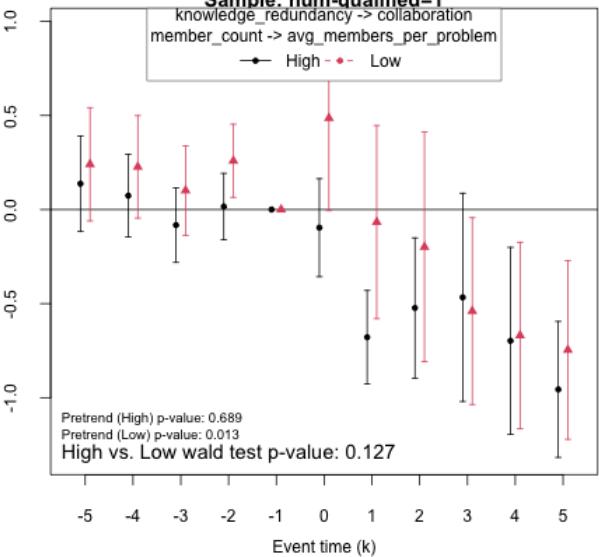


### pull\_request\_opened rolling5

Sample: num-qualified=1

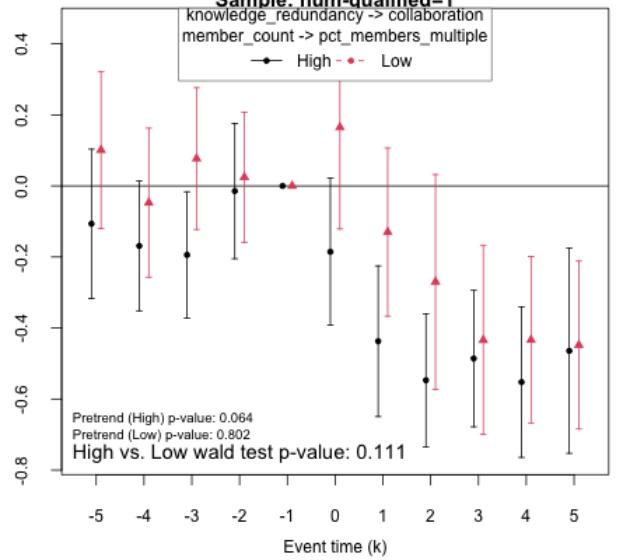
knowledge\_redundancy -> collaboration  
member\_count -> avg\_members\_per\_problem

● High ▲ Low

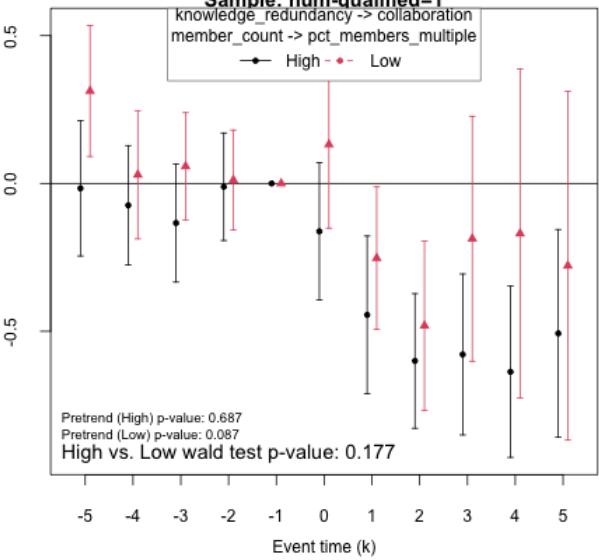


**major\_minor\_release\_count rolling5**

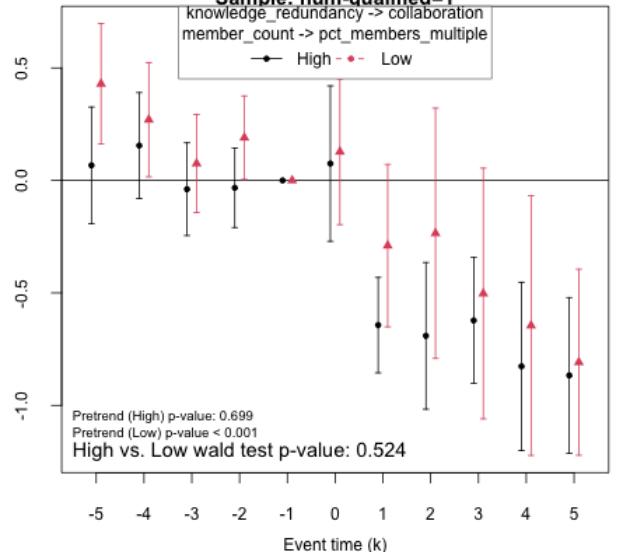
Sample: num-qualified=1

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

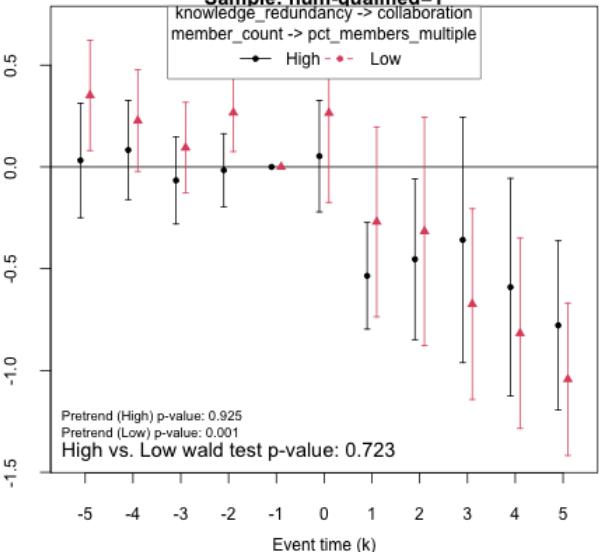
Sample: num-qualified=1

**pull\_request\_merged rolling5**

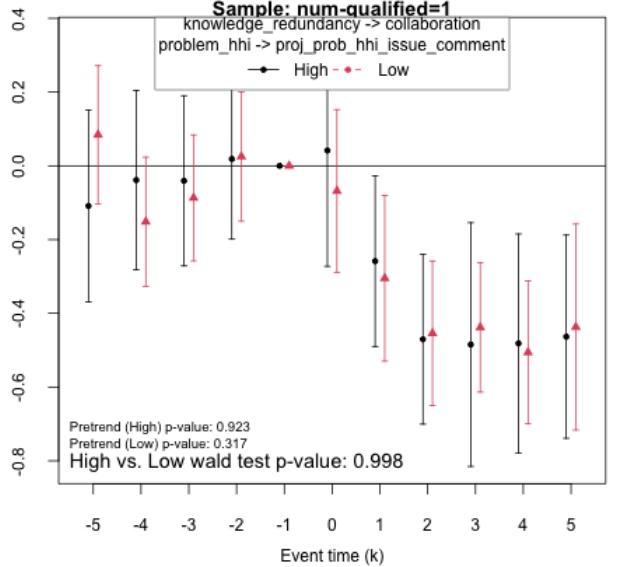
Sample: num-qualified=1

**pull\_request\_opened rolling5**

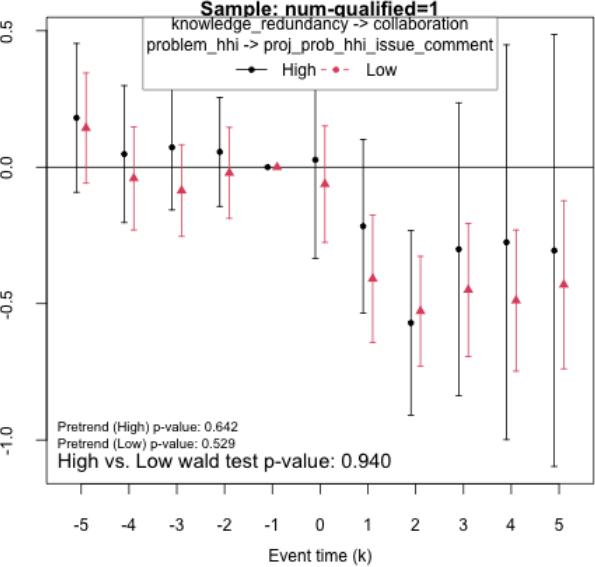
Sample: num-qualified=1



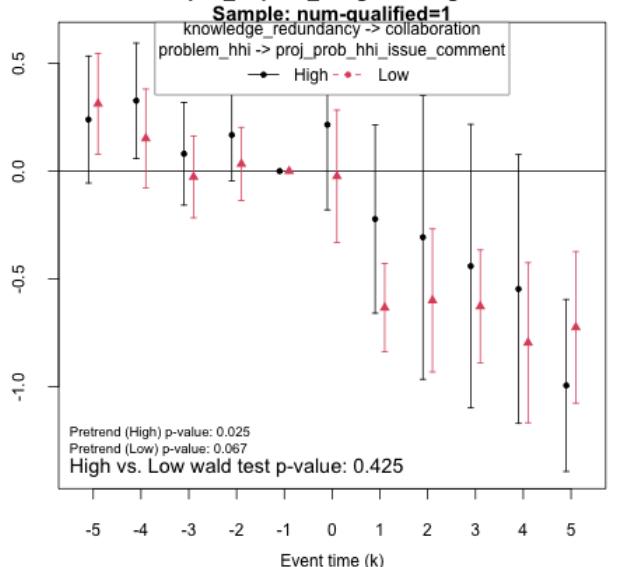
### major\_minor\_release\_count rolling5



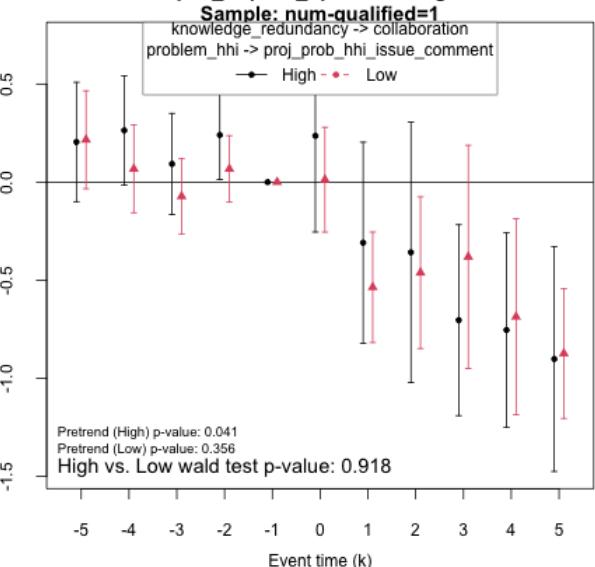
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



### pull\_request\_opened rolling5

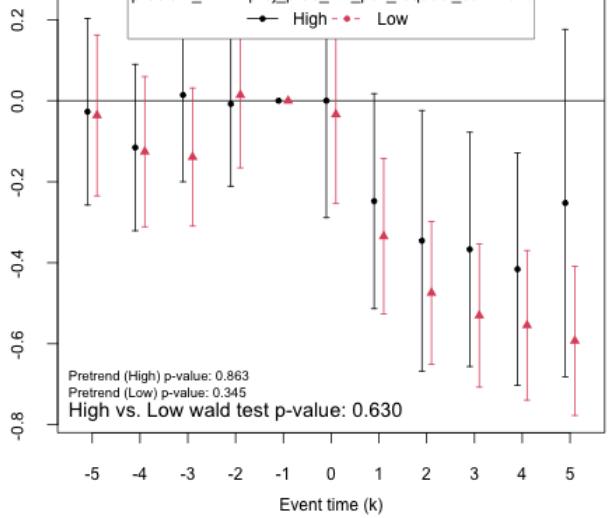


### major\_minor\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

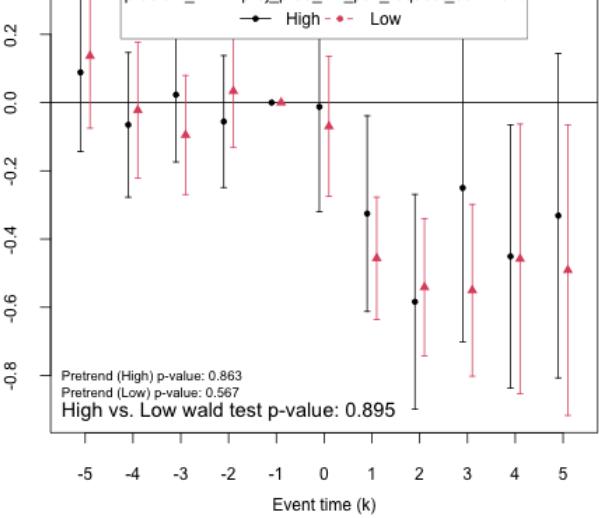


### overall\_new\_release\_count rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

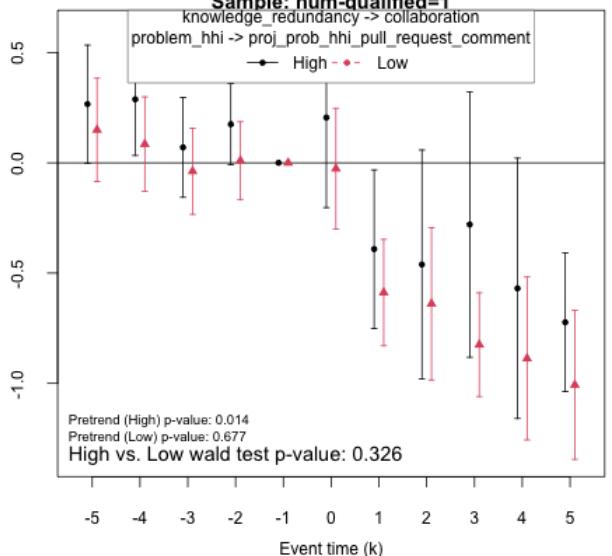


### pull\_request\_merged rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

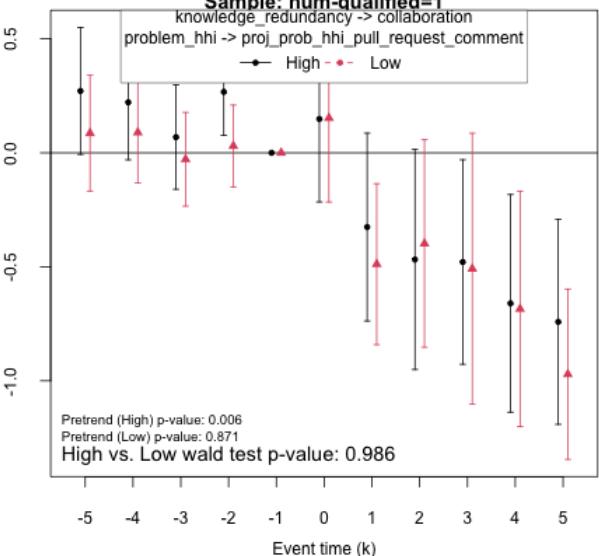


### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy -> collaboration  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_comment

● High ▲ Low

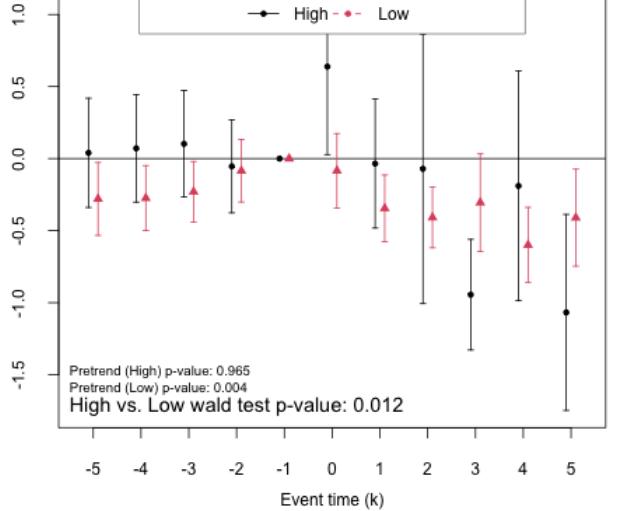


**major\_minor\_release\_count rolling5**

knowledge\_redundancy-&gt;collaboration

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

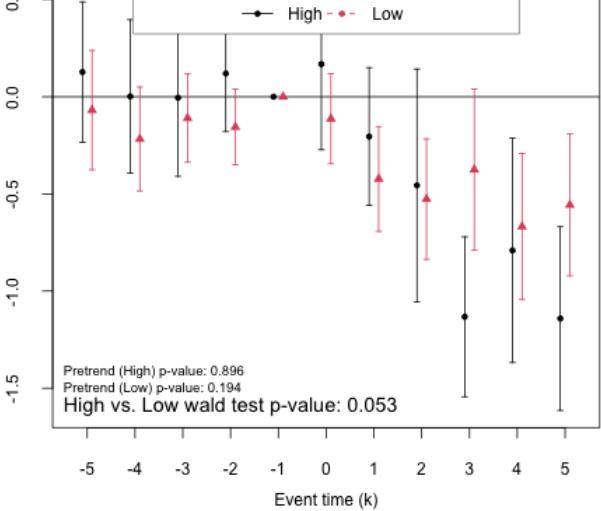
● High ▲ Low

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

knowledge\_redundancy-&gt;collaboration

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

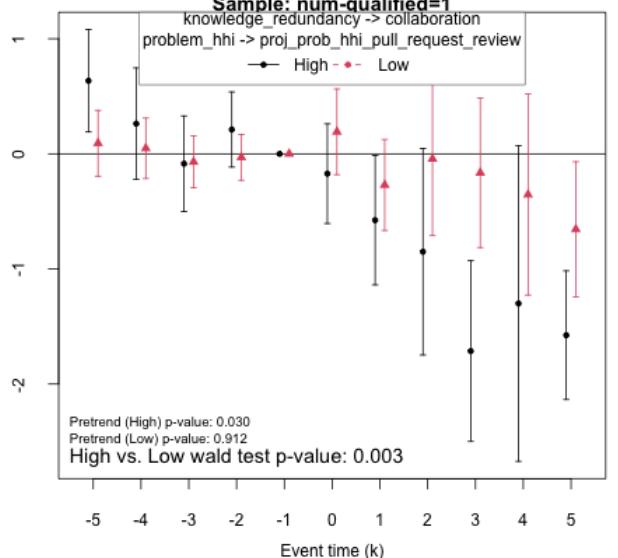
● High ▲ Low

**pull\_request\_merged rolling5**

knowledge\_redundancy-&gt;collaboration

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

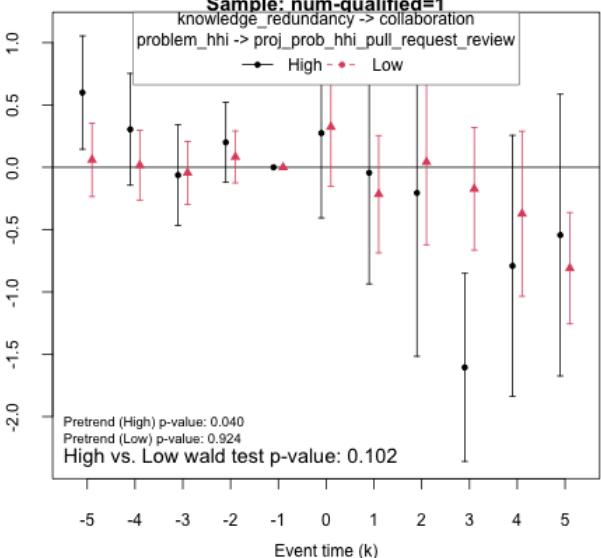
● High ▲ Low

**pull\_request\_opened rolling5**

knowledge\_redundancy-&gt;collaboration

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

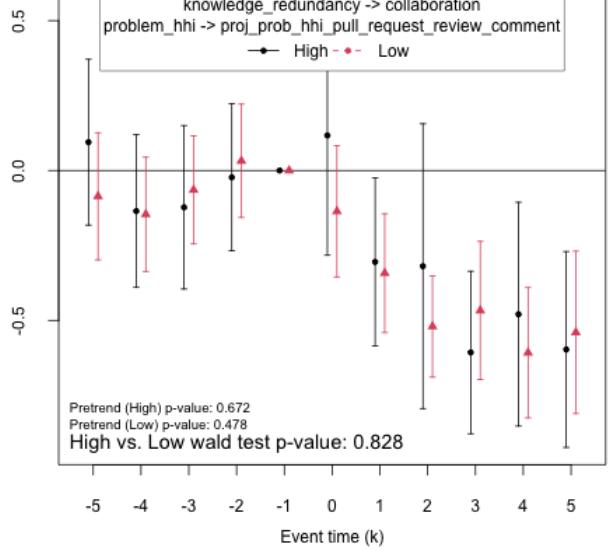
● High ▲ Low



### major\_minor\_release\_count rolling5

knowledge\_redundancy -> collaboration

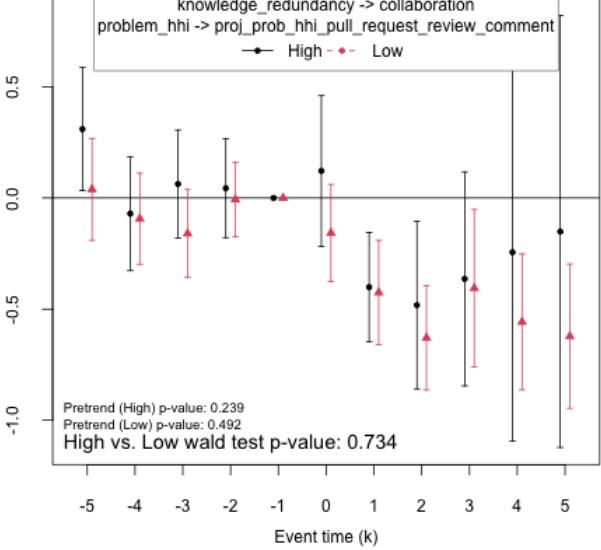
Sample: num-qualified=1  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment  
● High - ▲ Low



### overall\_new\_release\_count rolling5

knowledge\_redundancy -> collaboration

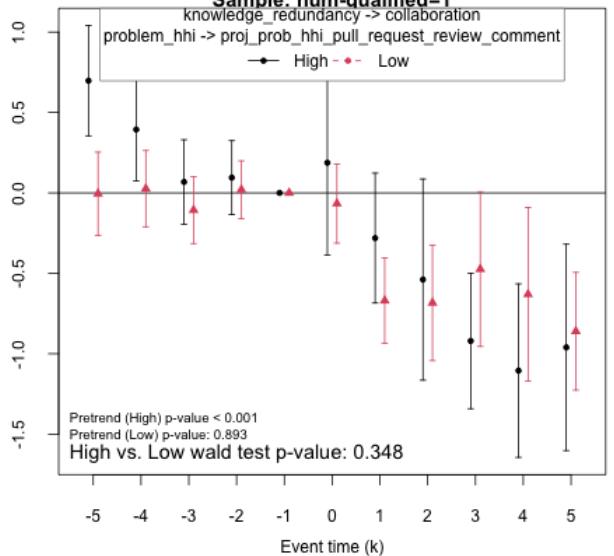
Sample: num-qualified=1  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment  
● High - ▲ Low



### pull\_request\_merged rolling5

knowledge\_redundancy -> collaboration

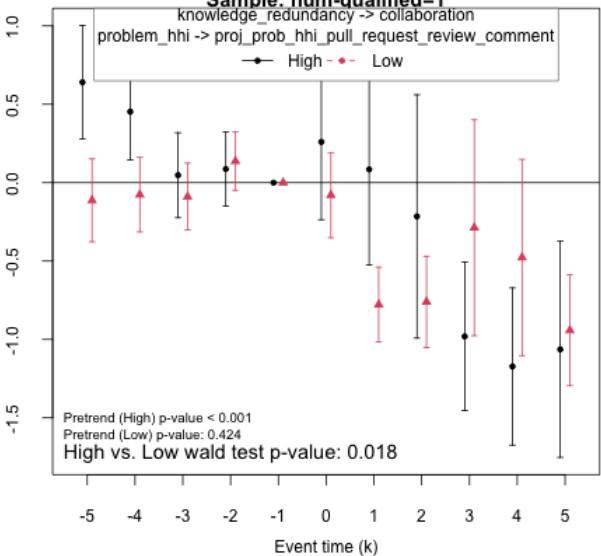
Sample: num-qualified=1  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment  
● High - ▲ Low



### pull\_request\_opened rolling5

knowledge\_redundancy -> collaboration

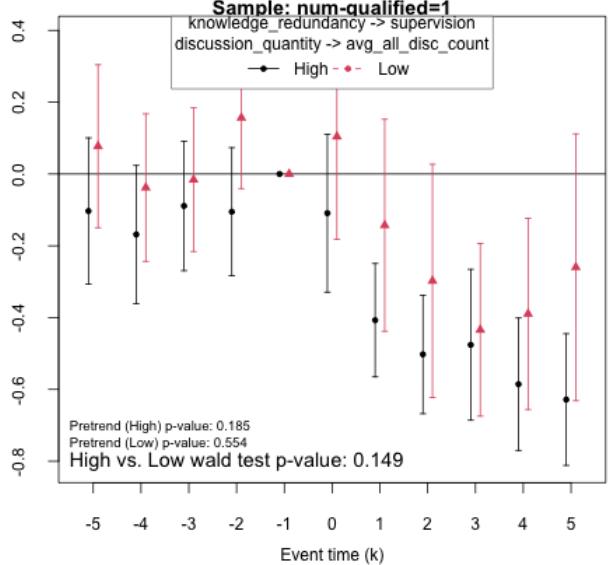
Sample: num-qualified=1  
problem\_hhi -> proj\_prob\_hhi\_pull\_request\_review\_comment  
● High - ▲ Low



### major\_minor\_release\_count rolling5

Sample: num-qualified=1

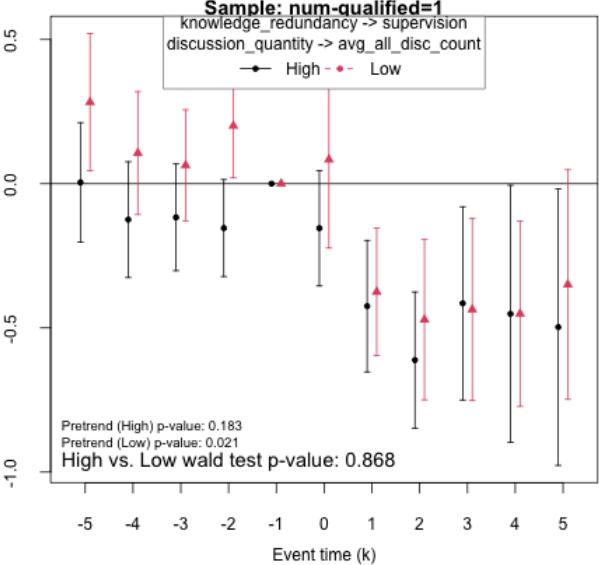
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



### overall\_new\_release\_count rolling5

Sample: num-qualified=1

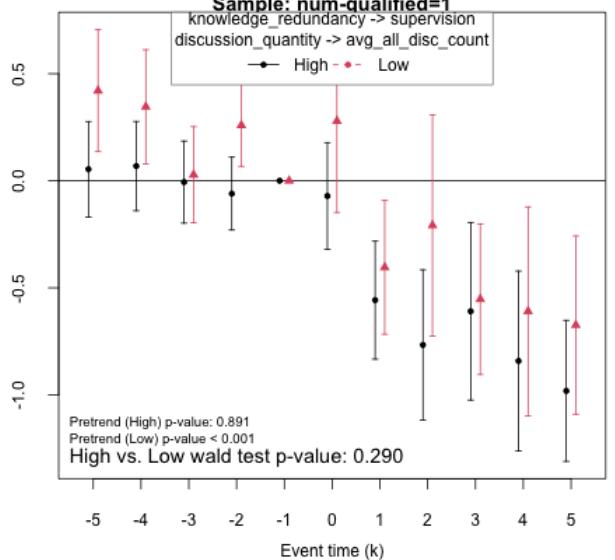
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



### pull\_request\_merged rolling5

Sample: num-qualified=1

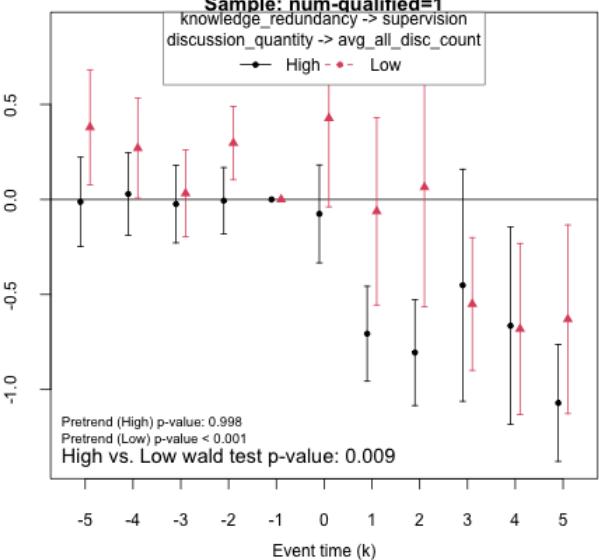
knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low



### pull\_request\_opened rolling5

Sample: num-qualified=1

knowledge\_redundancy -> supervision  
discussion\_quantity -> avg\_all\_disc\_count  
● High ▲ Low

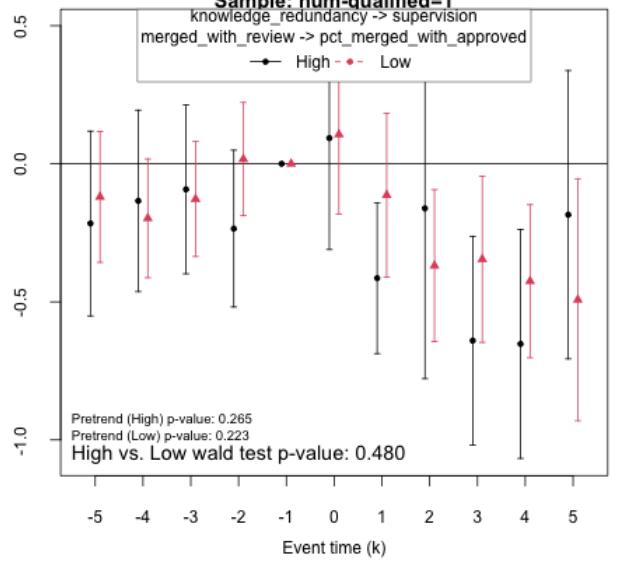


### major\_minor\_release\_count rolling5

knowledge\_redundancy-> supervision

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

● High ▲ Low

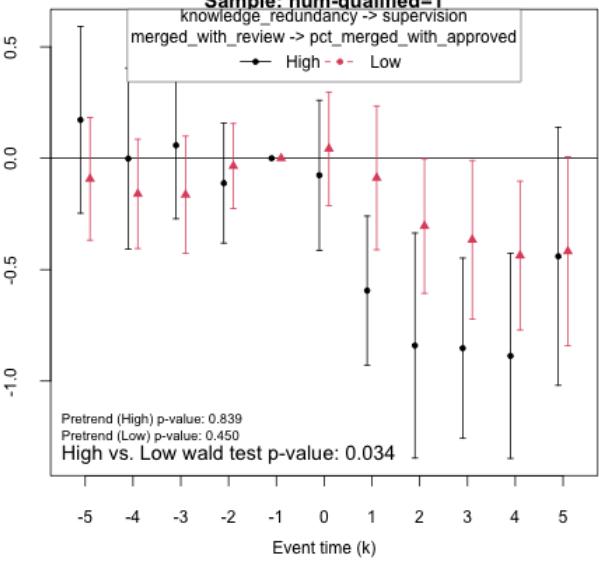


### overall\_new\_release\_count rolling5

knowledge\_redundancy-> supervision

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

● High ▲ Low

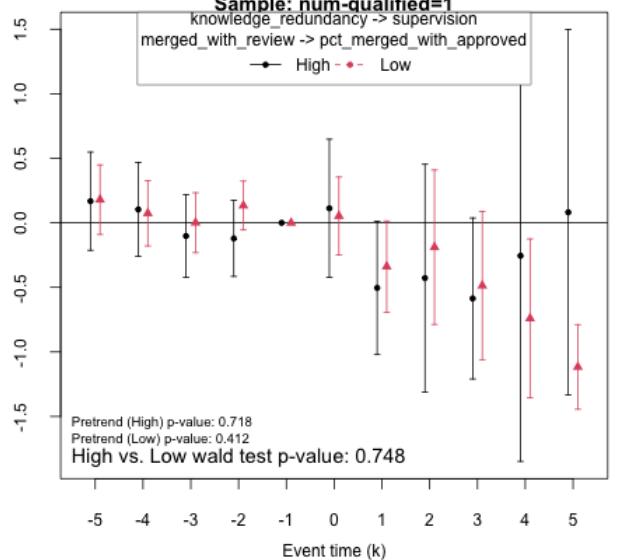


### pull\_request\_merged rolling5

knowledge\_redundancy-> supervision

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

● High ▲ Low

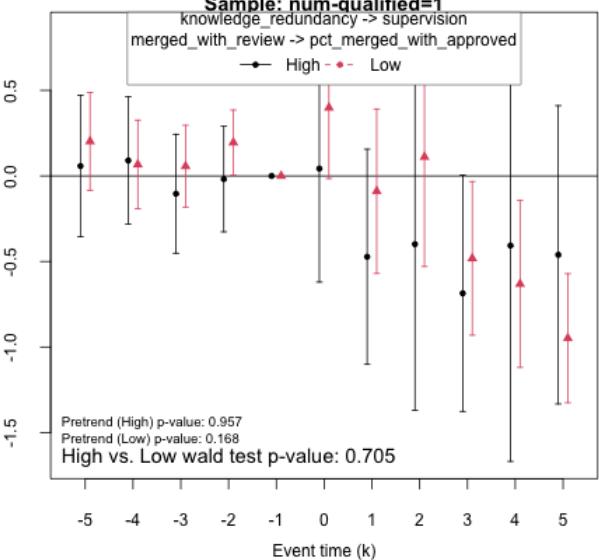


### pull\_request\_opened rolling5

knowledge\_redundancy-> supervision

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

● High ▲ Low

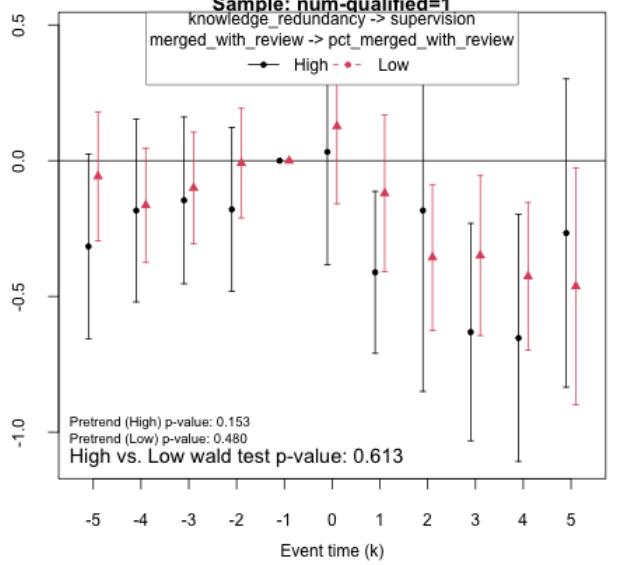


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

knowledge\_redundancy-> supervision  
merged\_with\_review -> pct\_merged\_with\_review

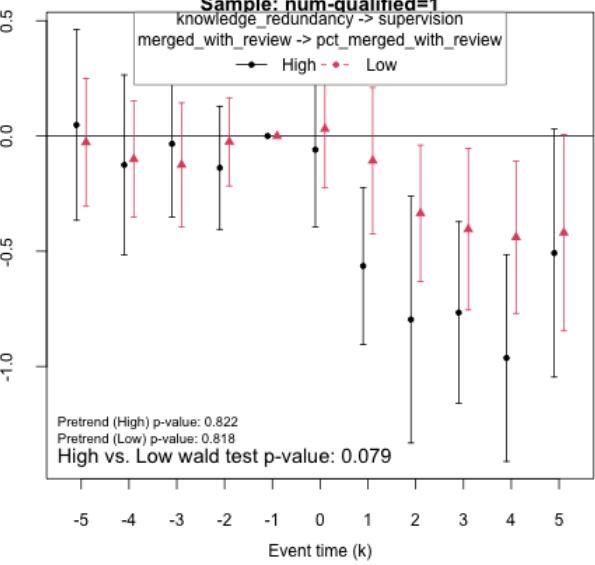
● High ▲ Low

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

Sample: num-qualified=1

knowledge\_redundancy-> supervision  
merged\_with\_review -> pct\_merged\_with\_review

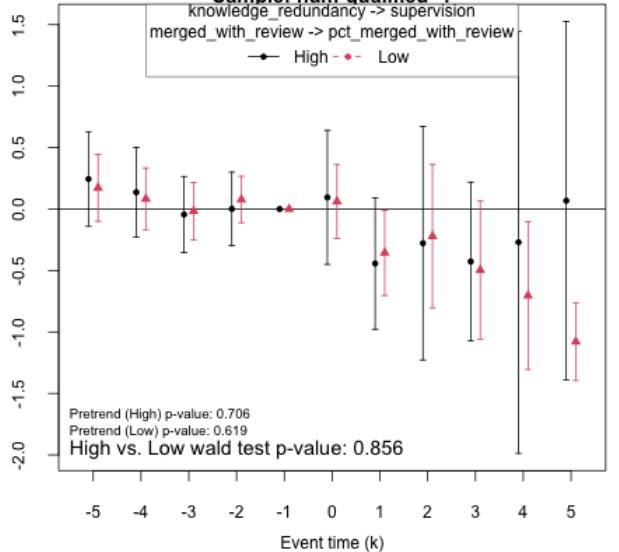
● High ▲ Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

knowledge\_redundancy-> supervision  
merged\_with\_review -> pct\_merged\_with\_review

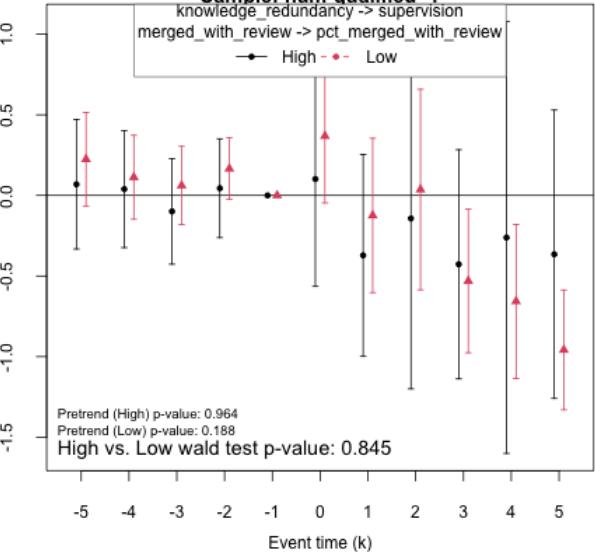
● High ▲ Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

knowledge\_redundancy-> supervision  
merged\_with\_review -> pct\_merged\_with\_review

● High ▲ Low

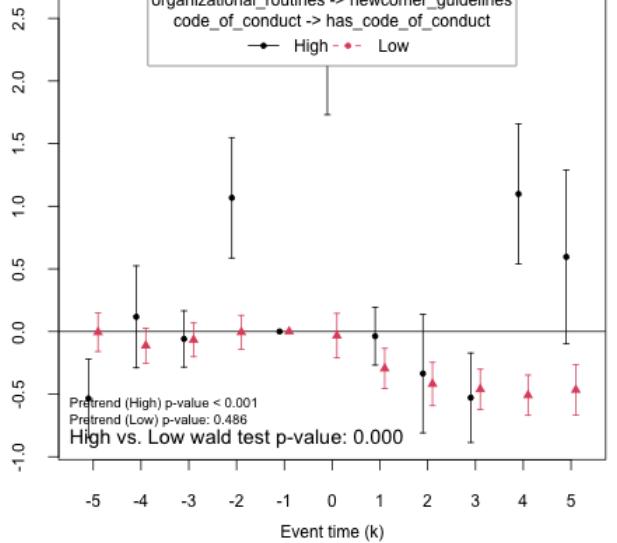


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

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

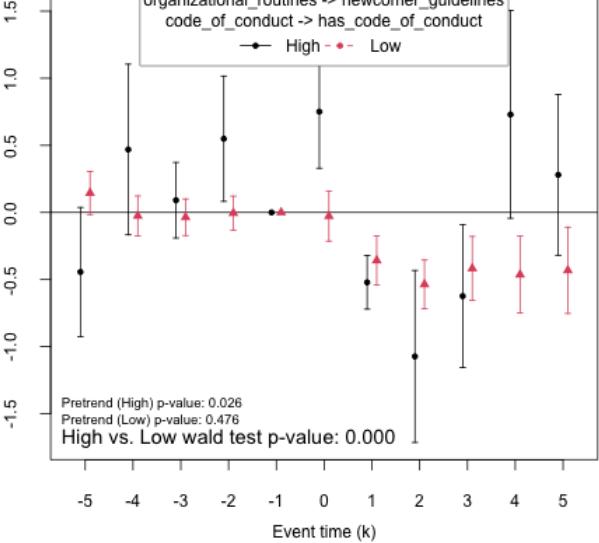
- High
- Low

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

Sample: num-qualified=1

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

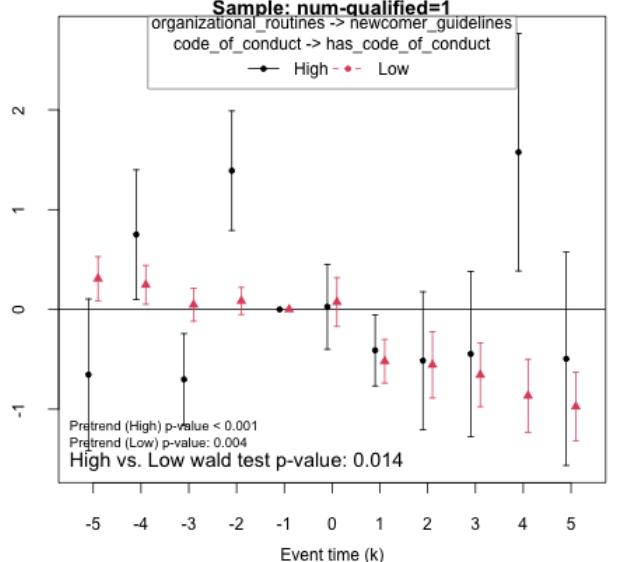
- High
- Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

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

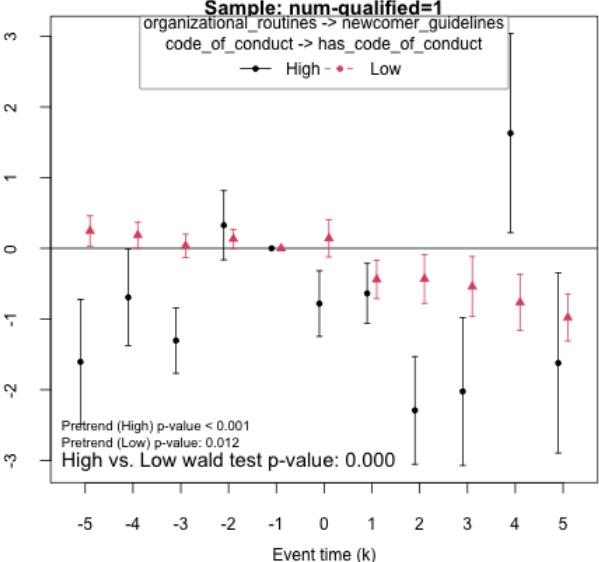
- High
- Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

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

- High
- Low

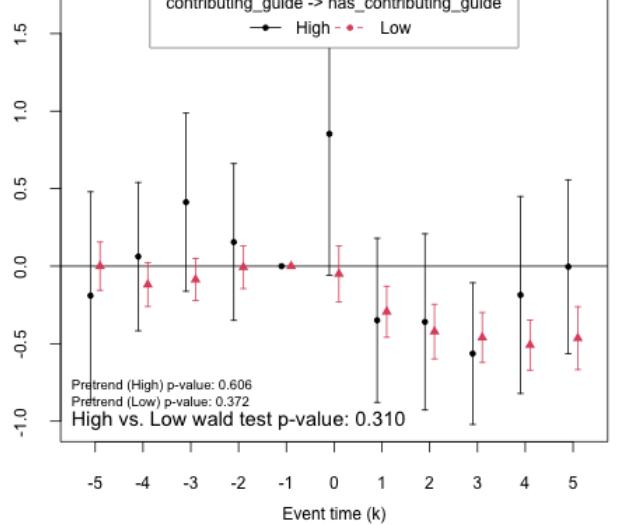


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

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

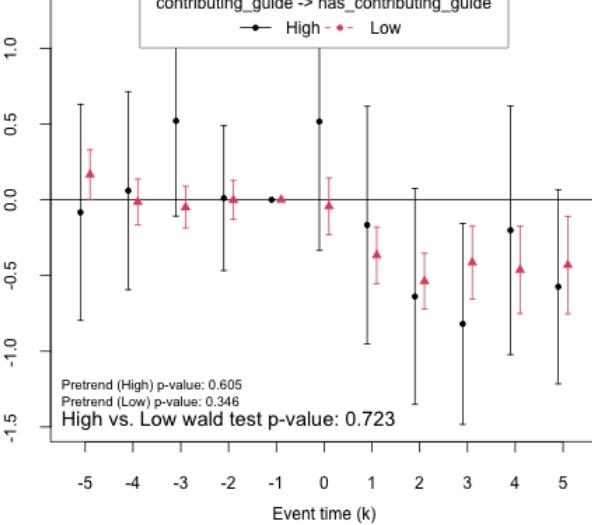
● High ▲ Low

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

Sample: num-qualified=1

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

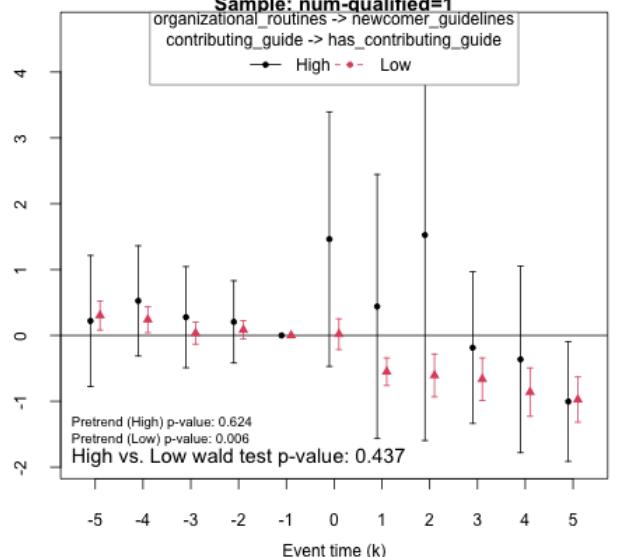
● High ▲ Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

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

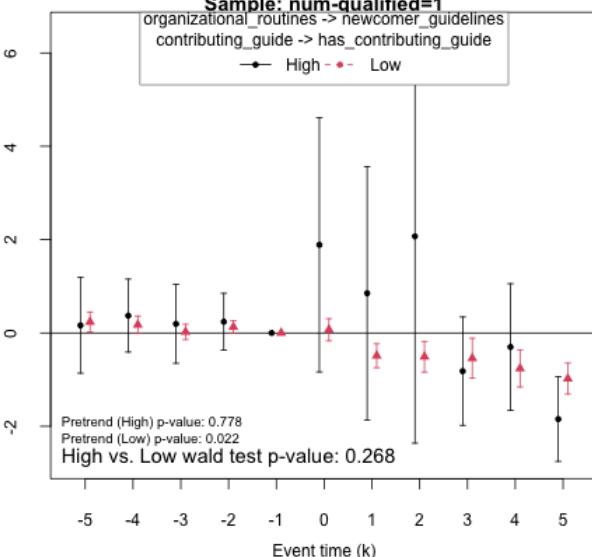
● High ▲ Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

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

● High ▲ Low

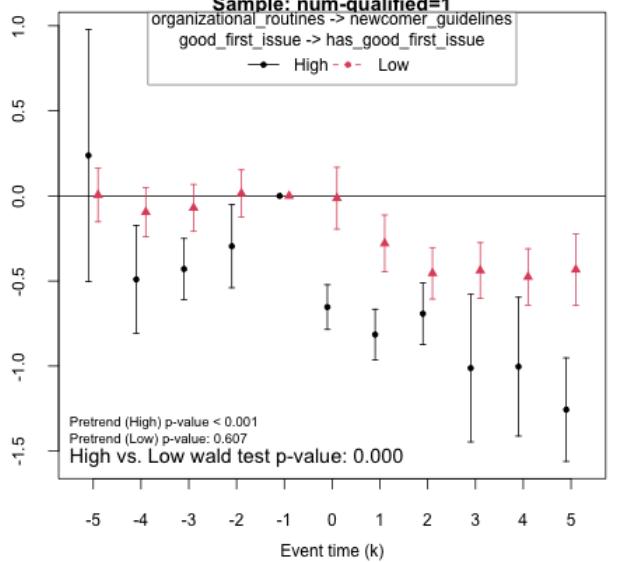


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines  $\rightarrow$  newcomer\_guidelines  
 $\text{good\_first\_issue} \rightarrow \text{has\_good\_first\_issue}$

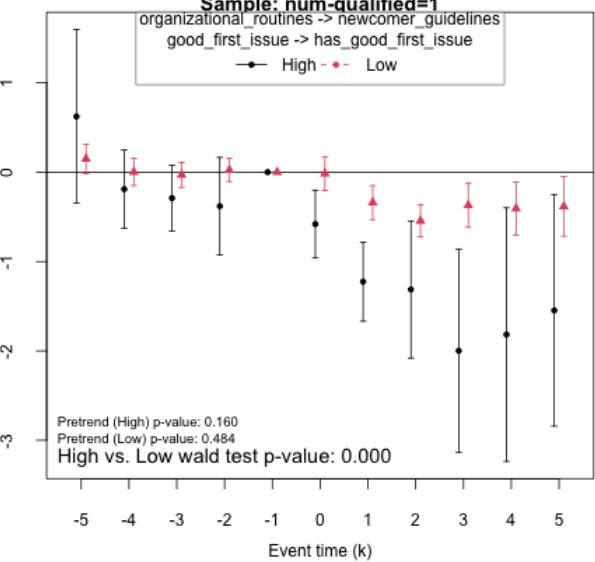
● High ▲ Low

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

Sample: num-qualified=1

organizational\_routines  $\rightarrow$  newcomer\_guidelines  
 $\text{good\_first\_issue} \rightarrow \text{has\_good\_first\_issue}$

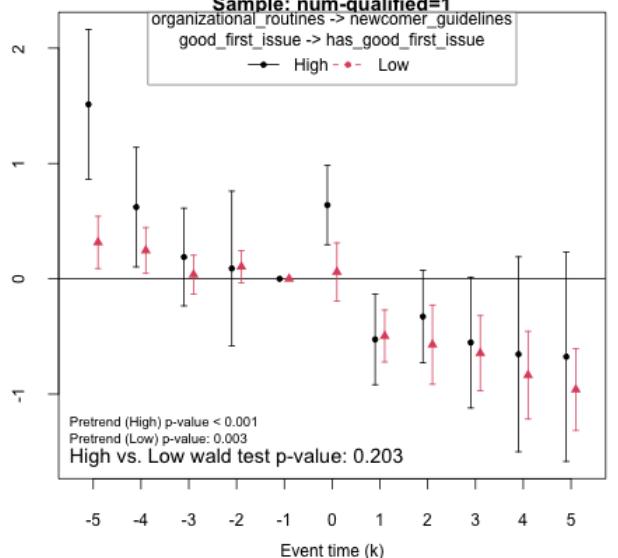
● High ▲ Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines  $\rightarrow$  newcomer\_guidelines  
 $\text{good\_first\_issue} \rightarrow \text{has\_good\_first\_issue}$

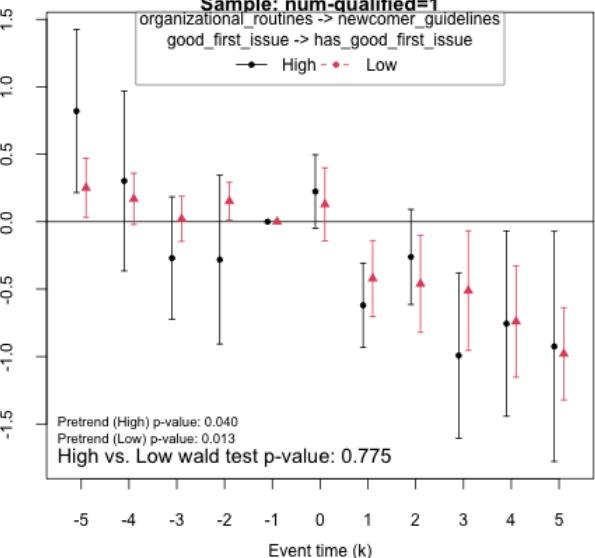
● High ▲ Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

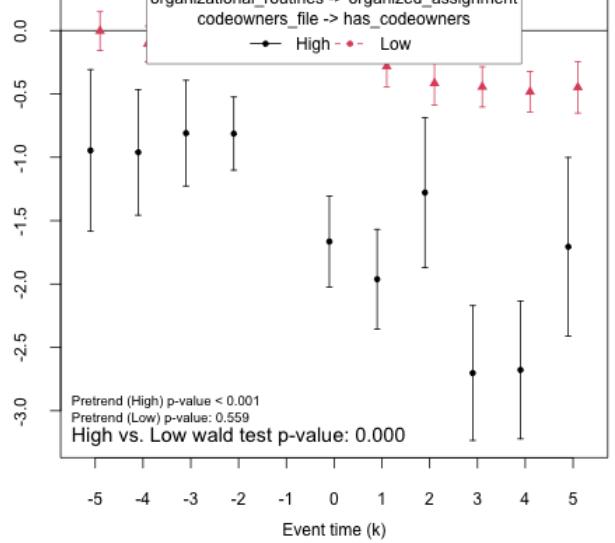
organizational\_routines  $\rightarrow$  newcomer\_guidelines  
 $\text{good\_first\_issue} \rightarrow \text{has\_good\_first\_issue}$

● High ▲ Low

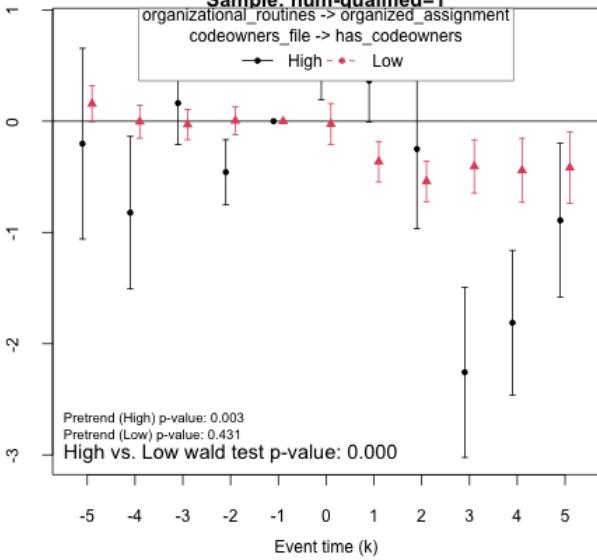


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**organizational\_routines -> organized\_assignment  
codeowners\_file -> has\_codeowners

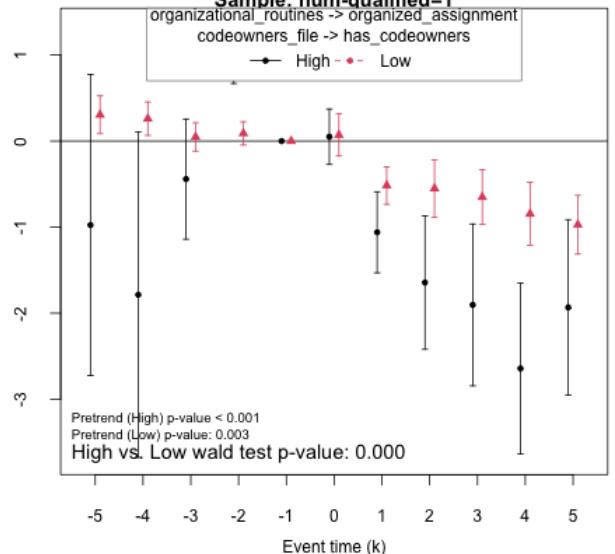
● High ● Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**organizational\_routines -> organized\_assignment  
codeowners\_file -> has\_codeowners

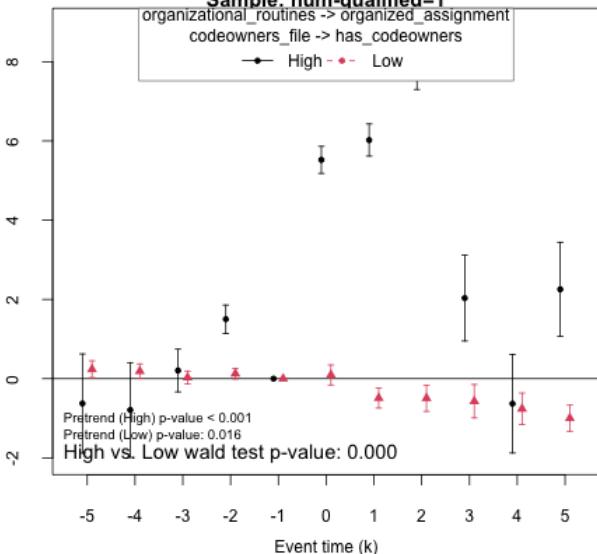
● High ● Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**organizational\_routines -> organized\_assignment  
codeowners\_file -> has\_codeowners

● High ● Low

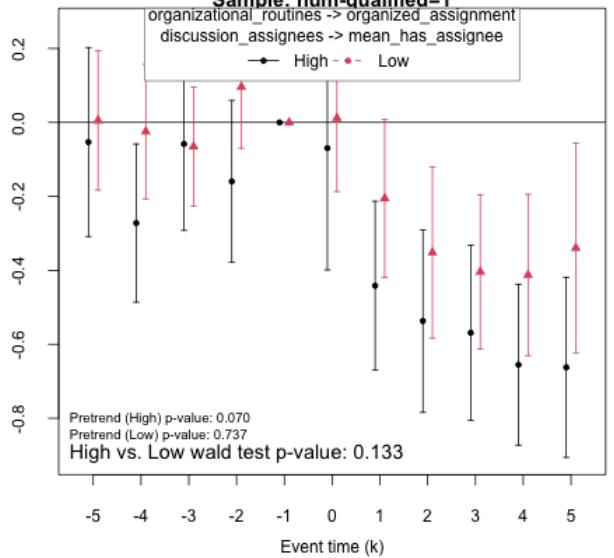
**pull\_request\_opened rolling5****Sample: num-qualified=1**organizational\_routines -> organized\_assignment  
codeowners\_file -> has\_codeowners

● High ● Low

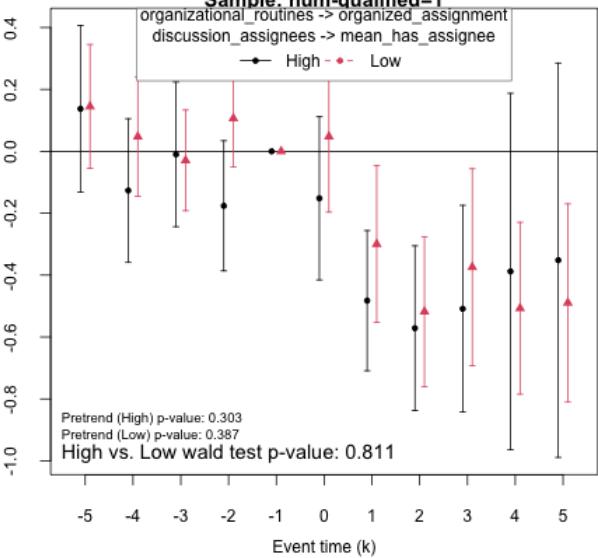


**major\_minor\_release\_count rolling5**

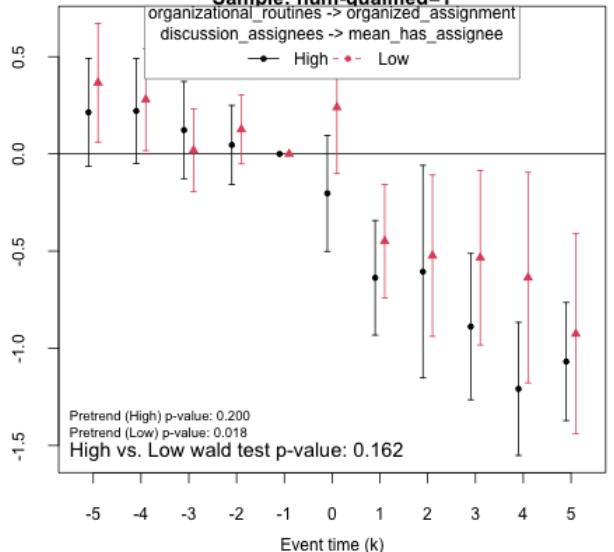
Sample: num-qualified=1

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

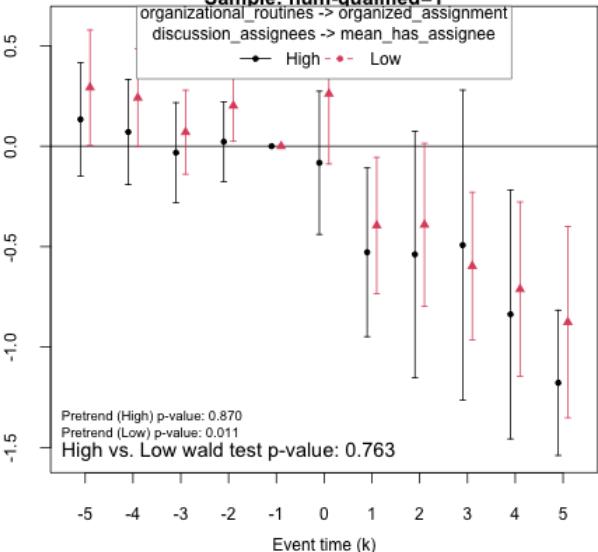
Sample: num-qualified=1

**pull\_request\_merged rolling5**

Sample: num-qualified=1

**pull\_request\_opened rolling5**

Sample: num-qualified=1



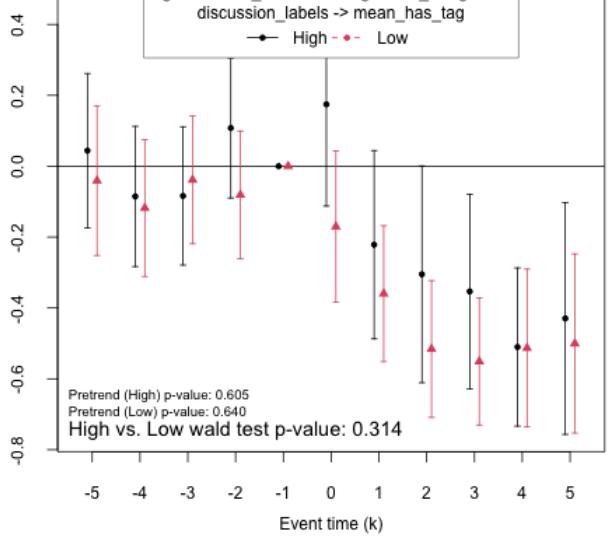
### major\_minor\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_assignment

discussion\_labels -> mean\_has\_tag

● High ▲ Low



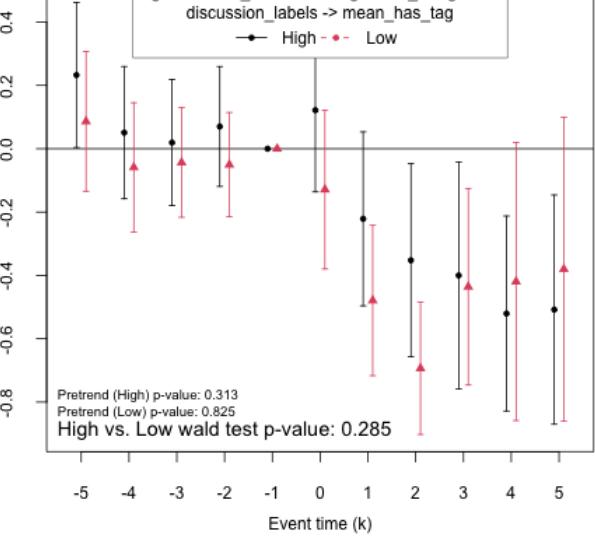
### overall\_new\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_assignment

discussion\_labels -> mean\_has\_tag

● High ▲ Low



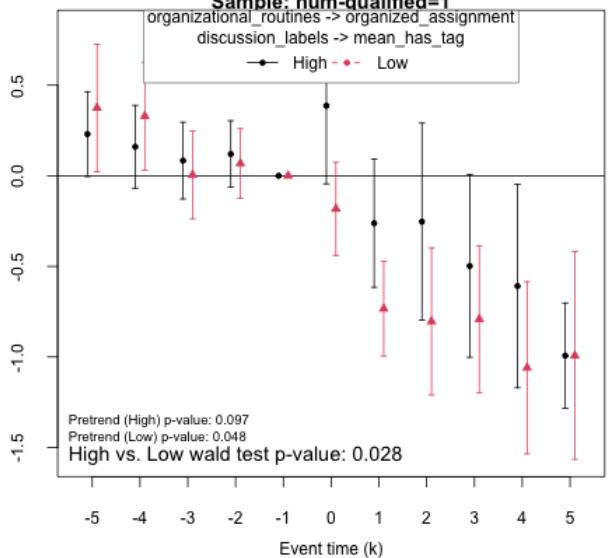
### pull\_request\_merged rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_assignment

discussion\_labels -> mean\_has\_tag

● High ▲ Low



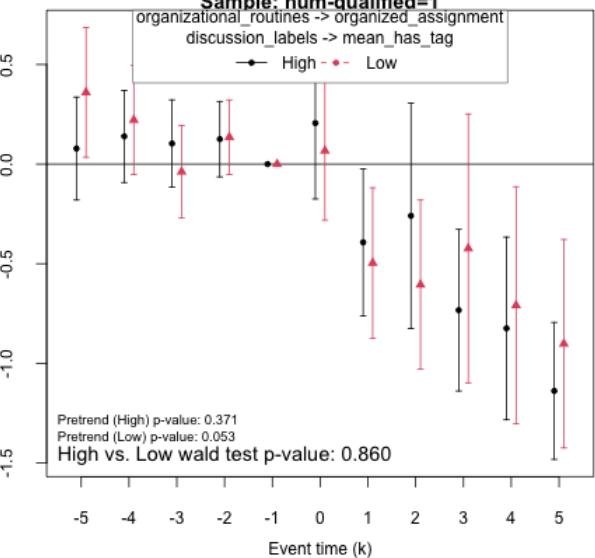
### pull\_request\_opened rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_assignment

discussion\_labels -> mean\_has\_tag

● High ▲ Low



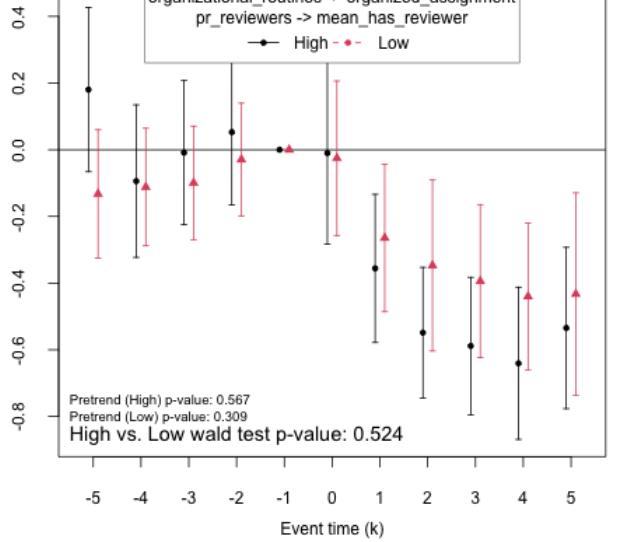
**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

pr\_reviewers -&gt; mean\_has\_reviewer

● High ▲ Low

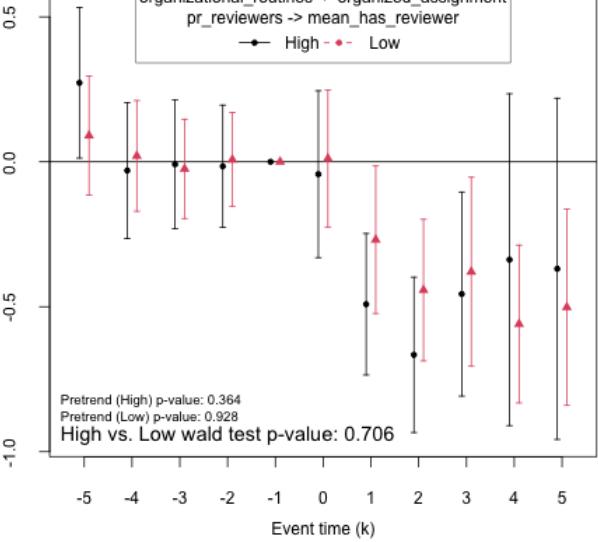
**overall\_new\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

pr\_reviewers -&gt; mean\_has\_reviewer

● High ▲ Low

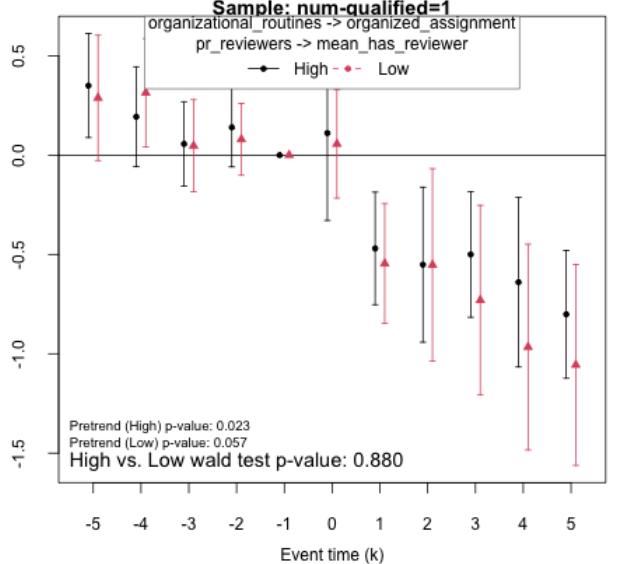
**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

pr\_reviewers -&gt; mean\_has\_reviewer

● High ▲ Low

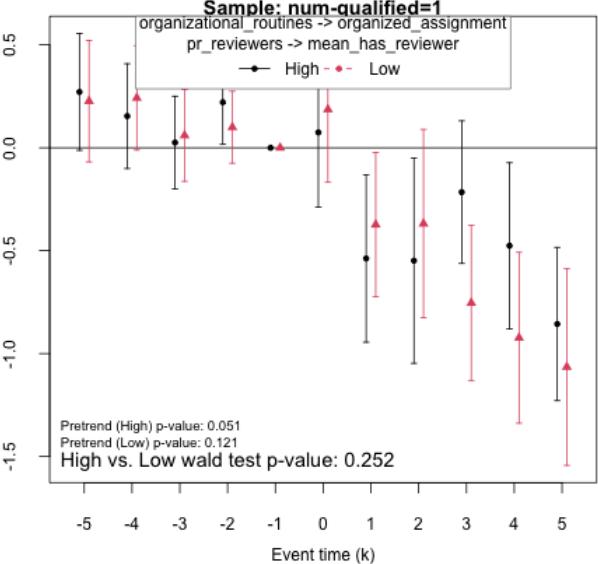
**pull\_request\_opened rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_assignment

pr\_reviewers -&gt; mean\_has\_reviewer

● High ▲ Low



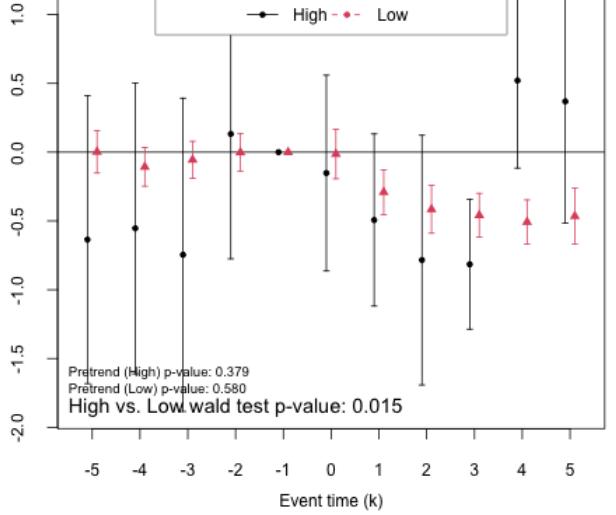
### major\_minor\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

issue\_template -> has\_issue\_template

—●— High —●— Low



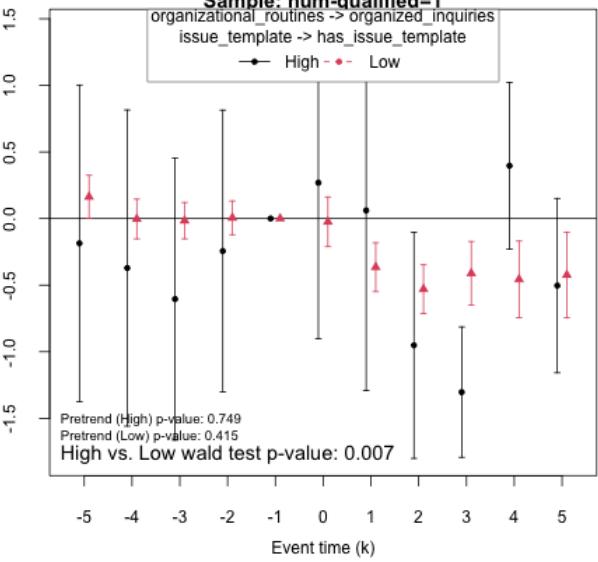
### overall\_new\_release\_count rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

issue\_template -> has\_issue\_template

—●— High —●— Low



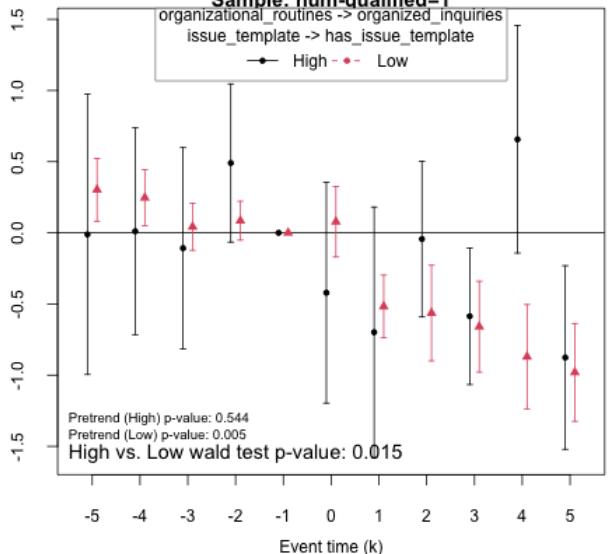
### pull\_request\_merged rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

issue\_template -> has\_issue\_template

—●— High —●— Low



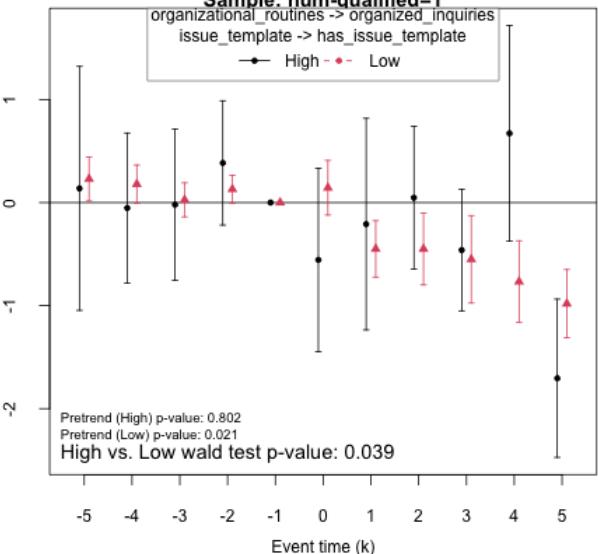
### pull\_request\_opened rolling5

Sample: num-qualified=1

organizational\_routines -> organized\_inquiries

issue\_template -> has\_issue\_template

—●— High —●— Low



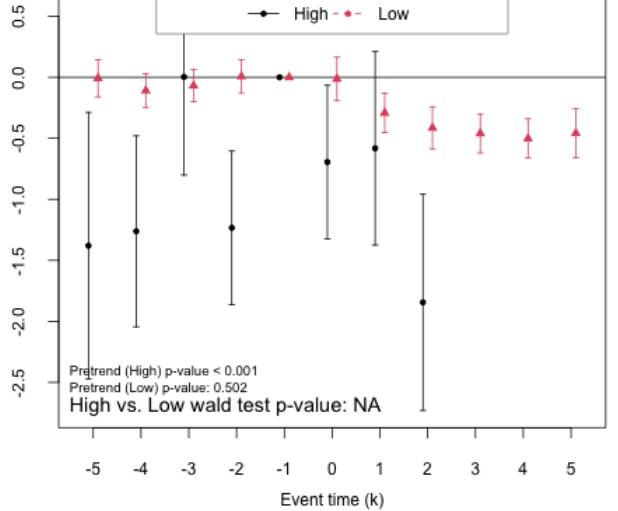
**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_inquiries

pr\_template -&gt; has\_pr\_template

● High - ● Low

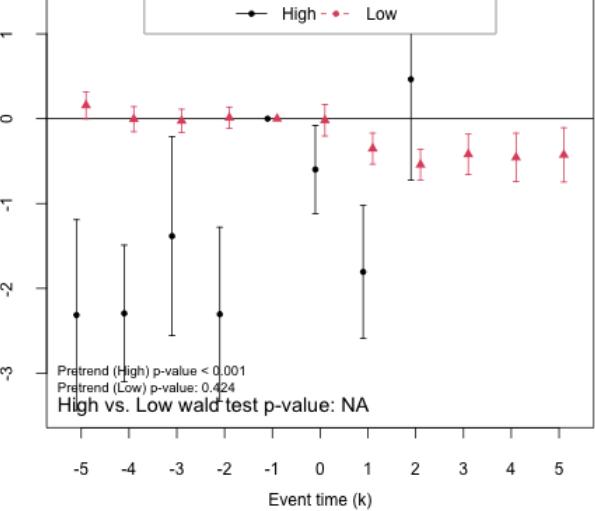
**overall\_new\_release\_count rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_inquiries

pr\_template -&gt; has\_pr\_template

● High - ● Low

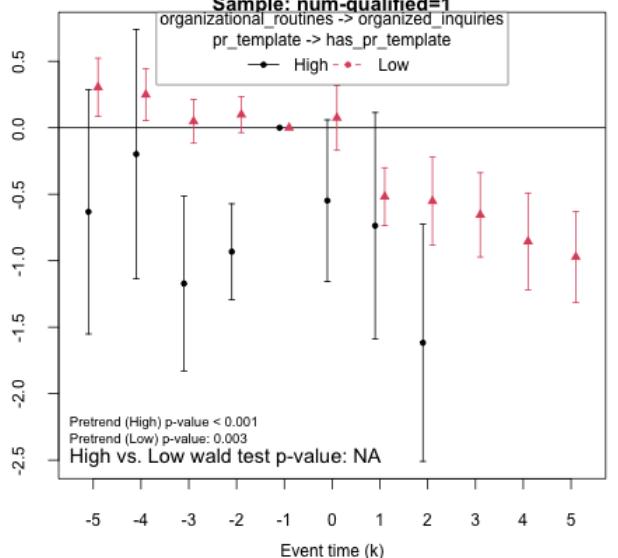
**pull\_request\_merged rolling5**

Sample: num-qualified=1

organizational\_routines -&gt; organized\_inquiries

pr\_template -&gt; has\_pr\_template

● High - ● Low

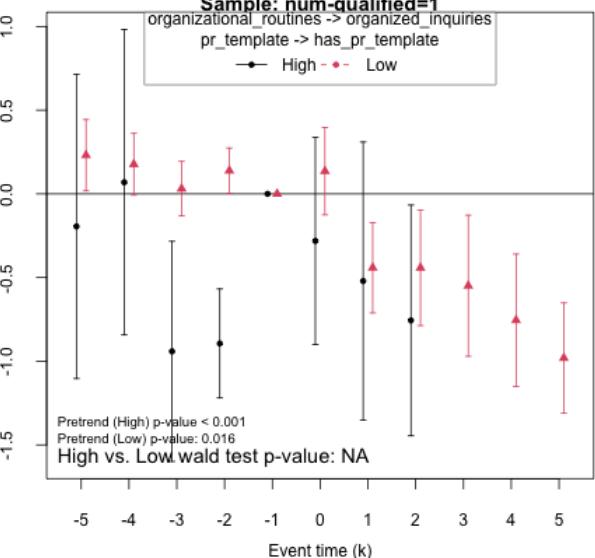
**pull\_request\_opened rolling5**

Sample: num-qualified=1

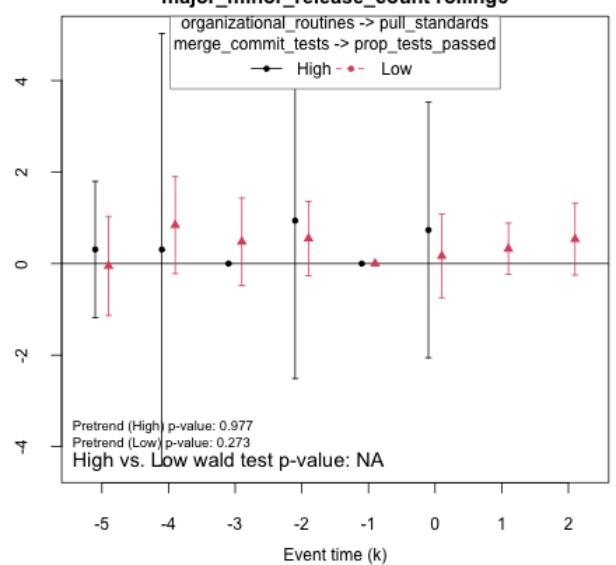
organizational\_routines -&gt; organized\_inquiries

pr\_template -&gt; has\_pr\_template

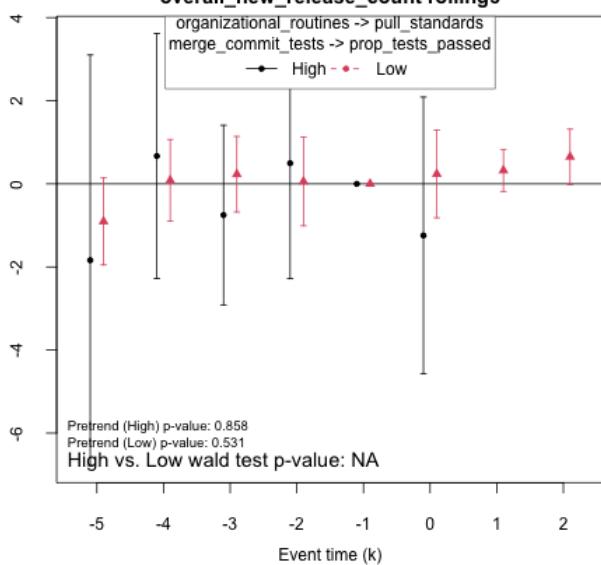
● High - ● Low



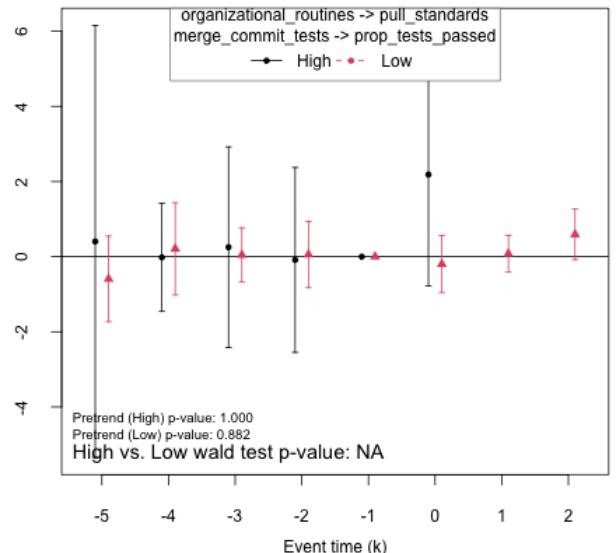
### major\_minor\_release\_count rolling5



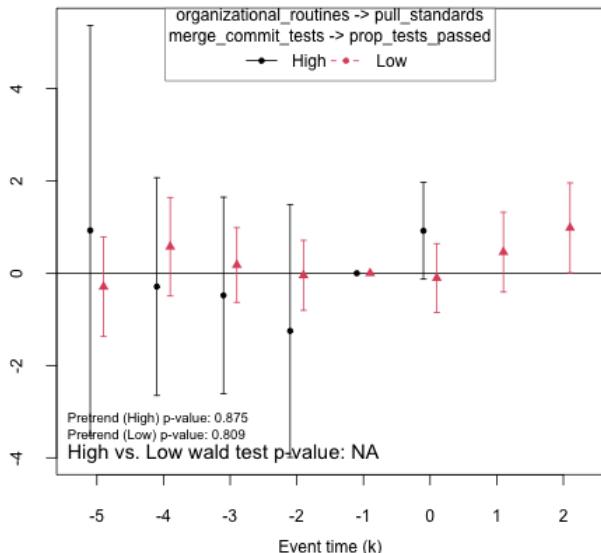
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



### pull\_request\_opened rolling5

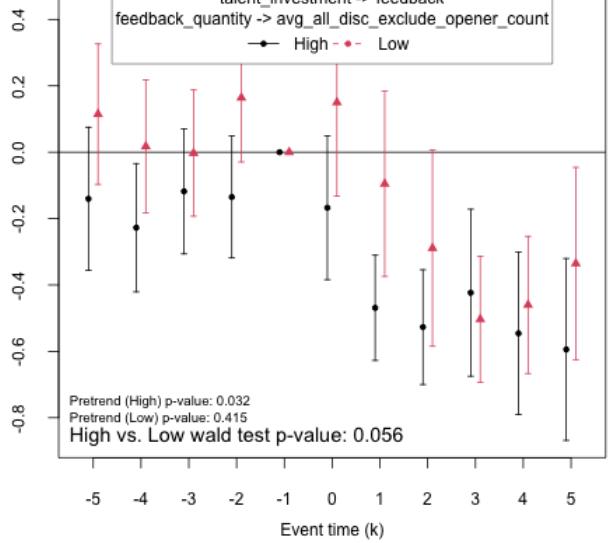


**major\_minor\_release\_count rolling5**

Sample: num-qualified=1

talent\_investment -> feedback  
feedback\_quantity -> avg\_all\_disc\_exclude\_opener\_count

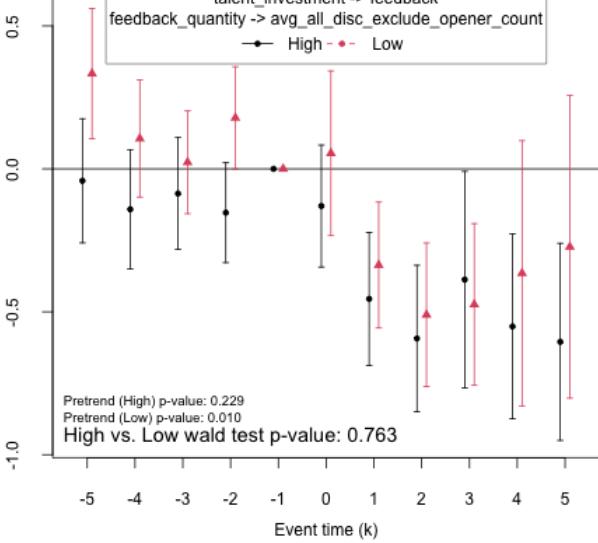
● High ▲ Low

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

Sample: num-qualified=1

talent\_investment -> feedback  
feedback\_quantity -> avg\_all\_disc\_exclude\_opener\_count

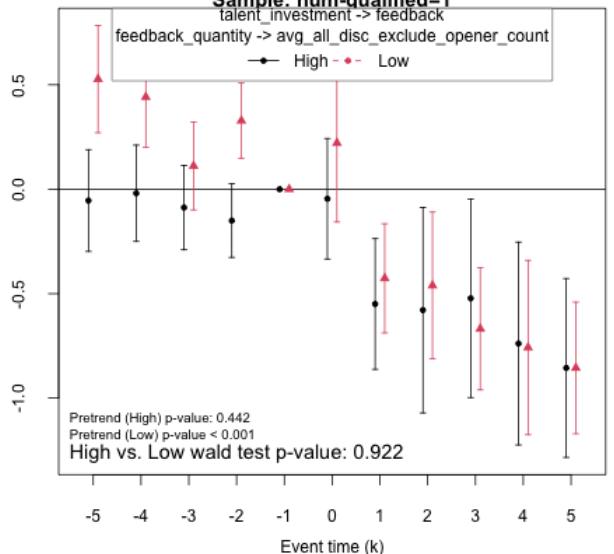
● High ▲ Low

**pull\_request\_merged rolling5**

Sample: num-qualified=1

talent\_investment -> feedback  
feedback\_quantity -> avg\_all\_disc\_exclude\_opener\_count

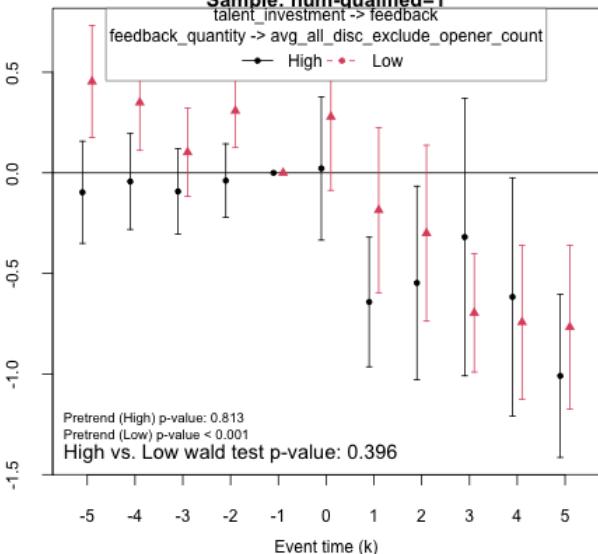
● High ▲ Low

**pull\_request\_opened rolling5**

Sample: num-qualified=1

talent\_investment -> feedback  
feedback\_quantity -> avg\_all\_disc\_exclude\_opener\_count

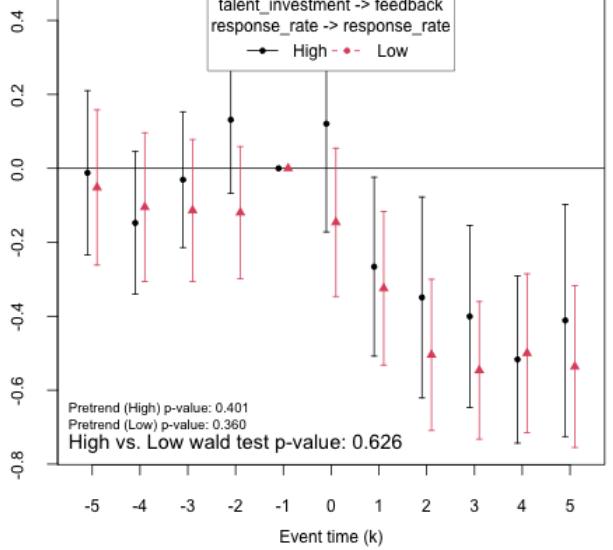
● High ▲ Low



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

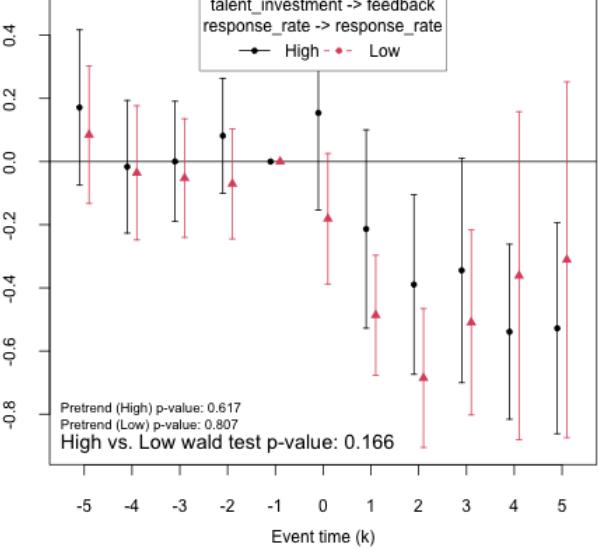
Sample: num-qualified=1

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

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

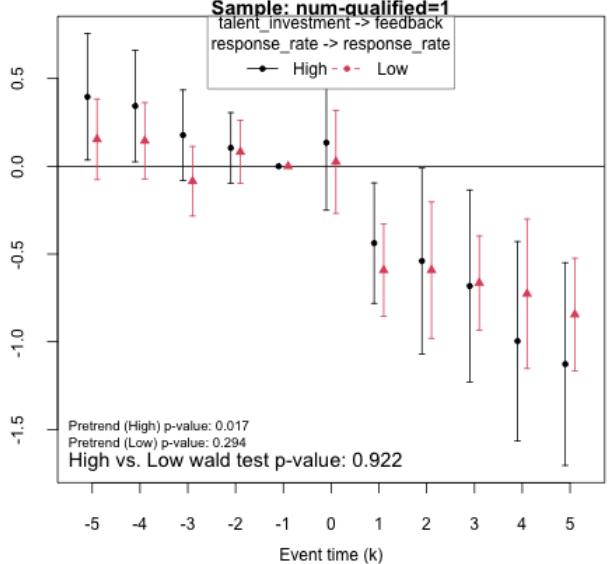
Sample: num-qualified=1

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

**pull\_request\_merged rolling5**

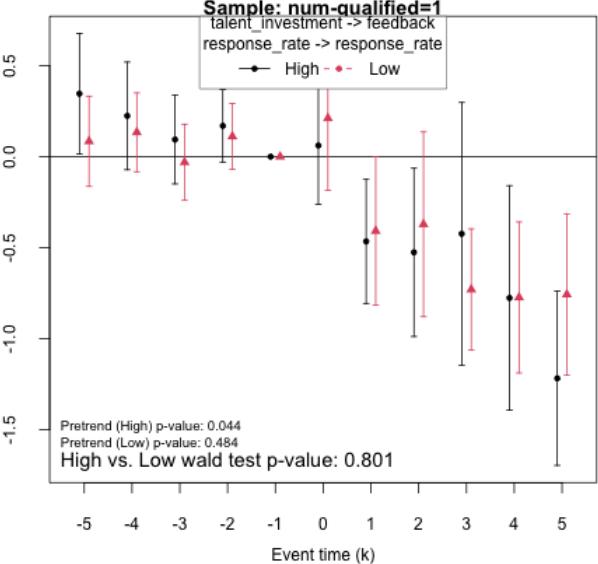
Sample: num-qualified=1

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

**pull\_request\_opened rolling5**

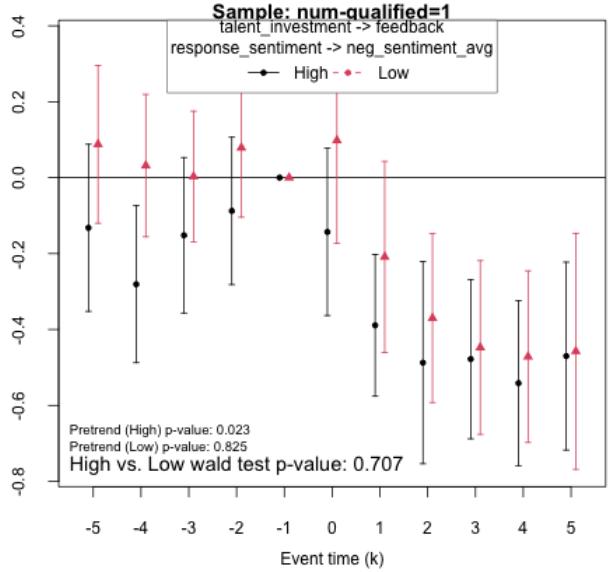
Sample: num-qualified=1

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

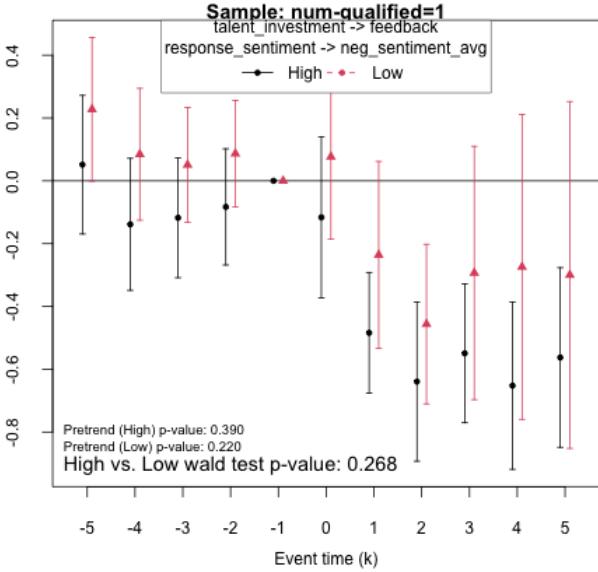


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> neg\_sentiment\_avg

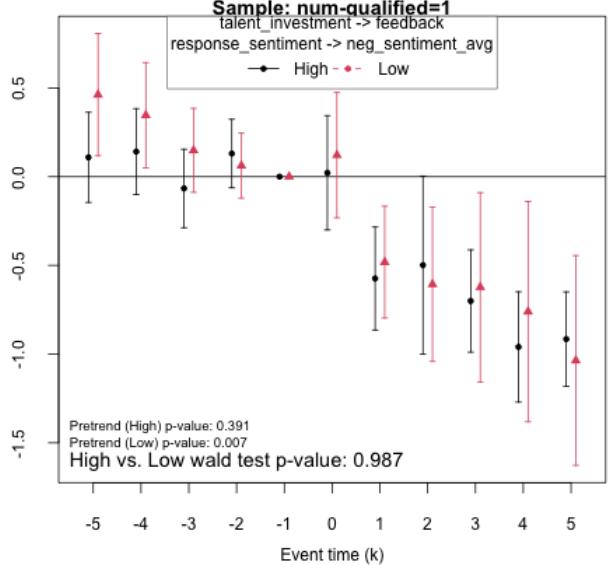
● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> neg\_sentiment\_avg

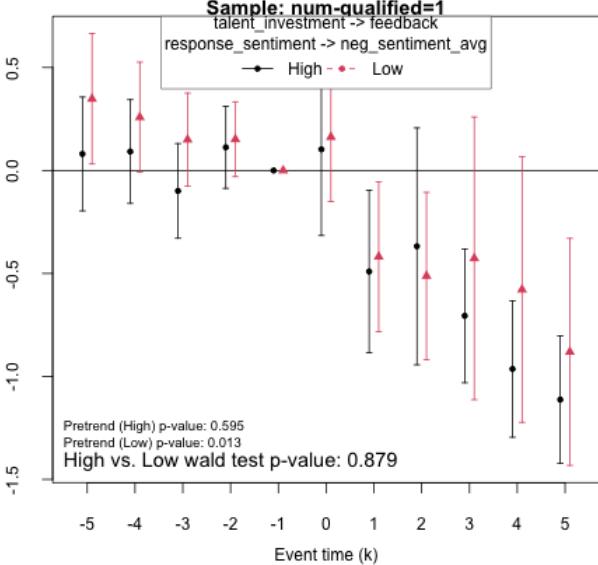
● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> neg\_sentiment\_avg

● High ▲ Low

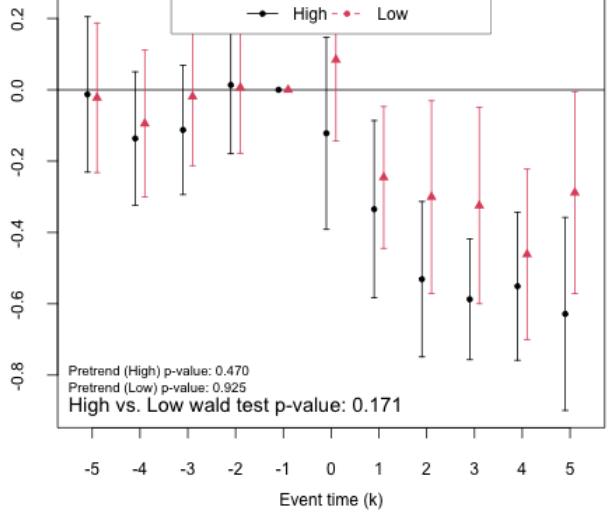
**pull\_request\_opened rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> neg\_sentiment\_avg

● High ▲ Low

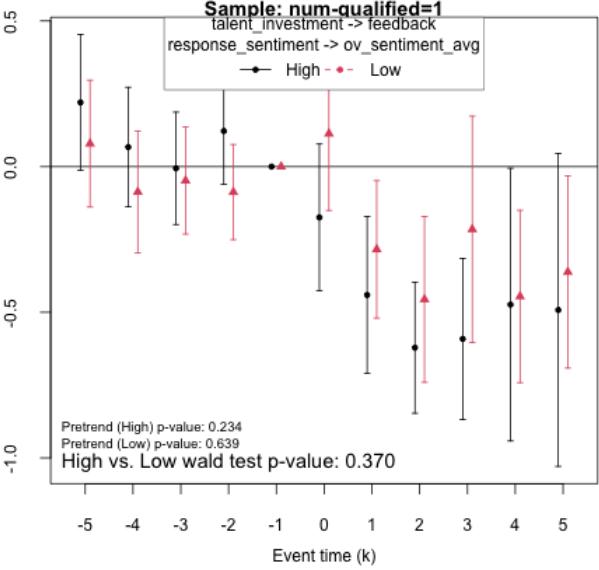


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> ov\_sentiment\_avg

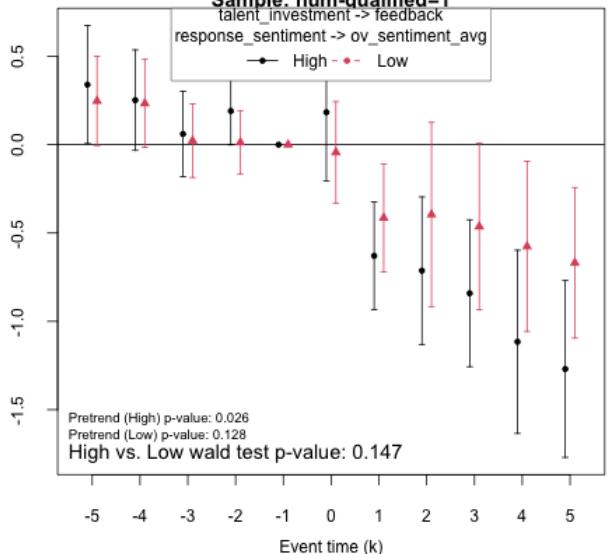
● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> ov\_sentiment\_avg

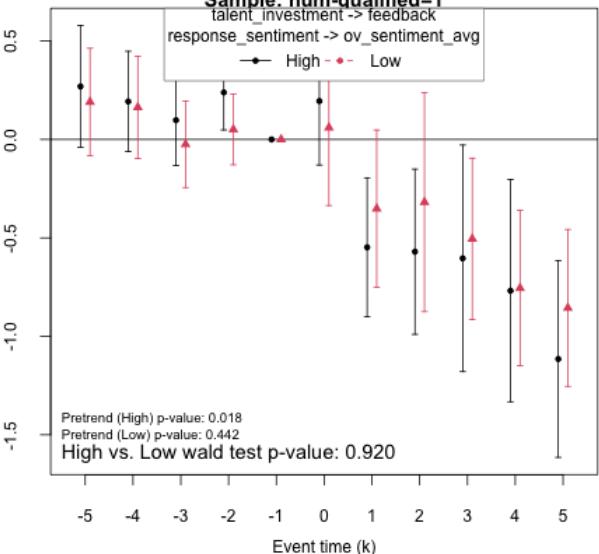
● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> ov\_sentiment\_avg

● High ▲ Low

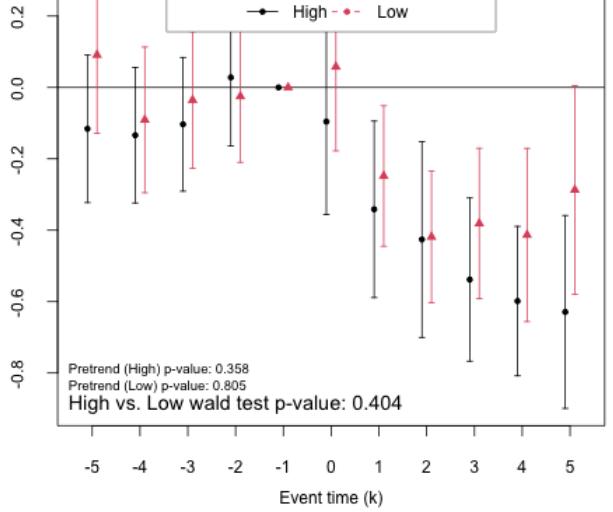
**pull\_request\_opened rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> ov\_sentiment\_avg

● High ▲ Low

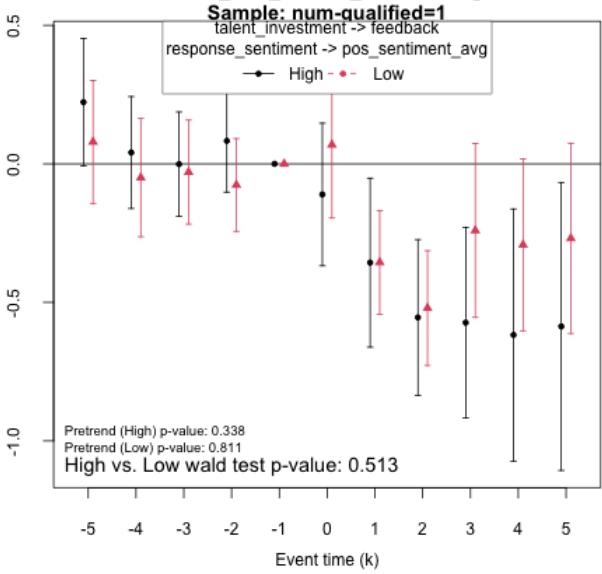


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg

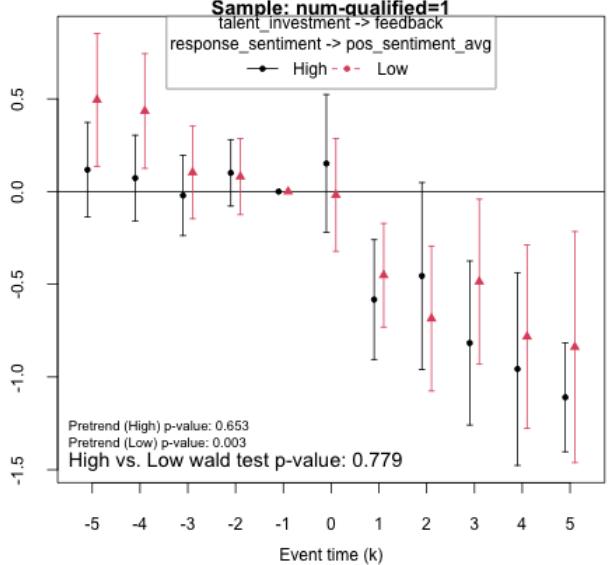
● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg

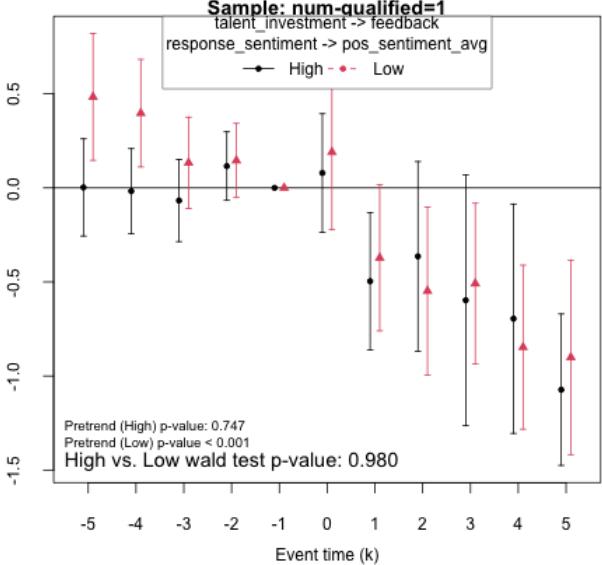
● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg

● High ▲ Low

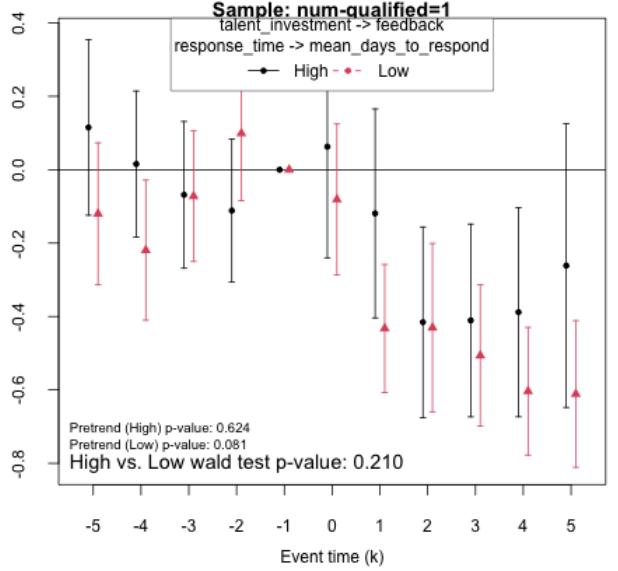
**pull\_request\_opened rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_sentiment -> pos\_sentiment\_avg

● High ▲ Low

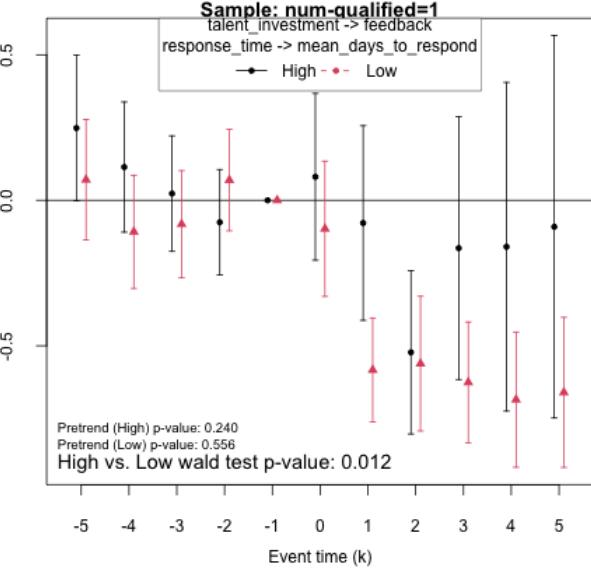


**major\_minor\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_time -> mean\_days\_to\_respond

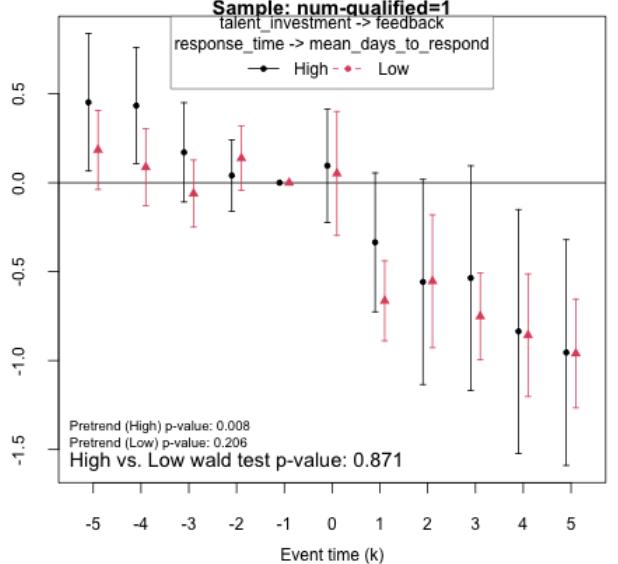
● High ▲ Low

**overall\_new\_release\_count rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_time -> mean\_days\_to\_respond

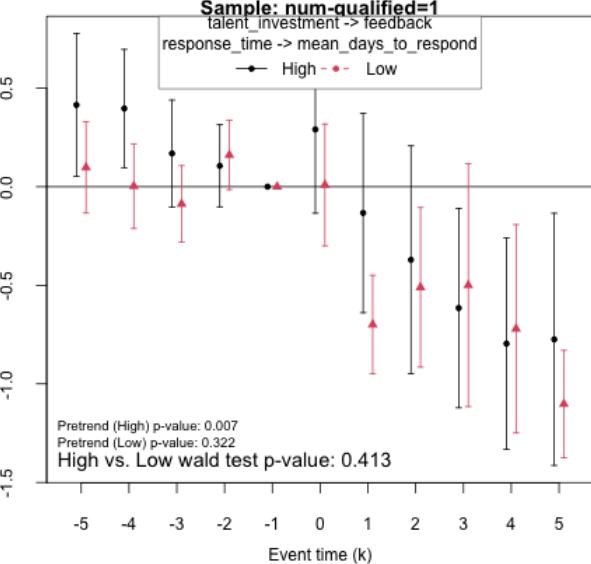
● High ▲ Low

**pull\_request\_merged rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_time -> mean\_days\_to\_respond

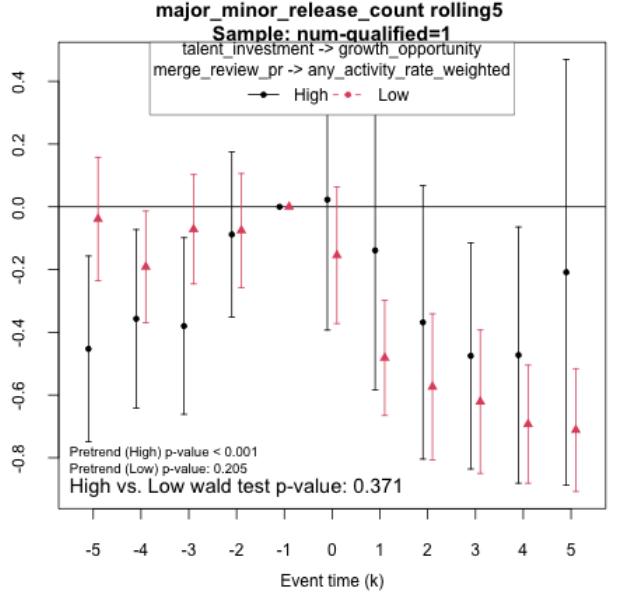
● High ▲ Low

**pull\_request\_opened rolling5****Sample: num-qualified=1**talent\_investment -> feedback  
response\_time -> mean\_days\_to\_respond

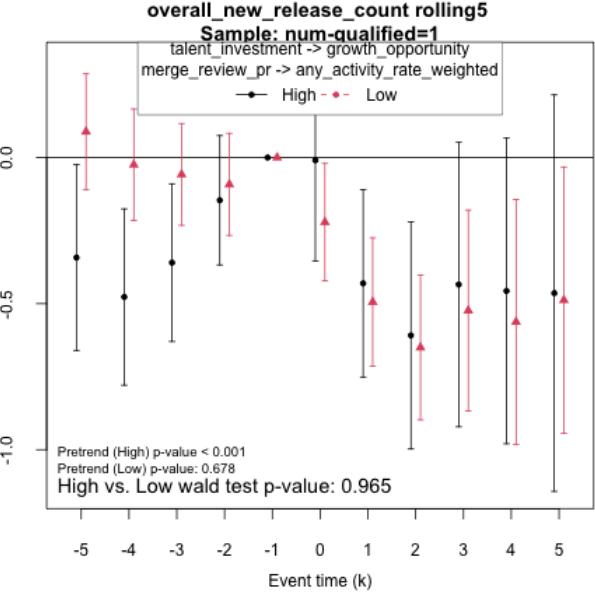
● High ▲ Low



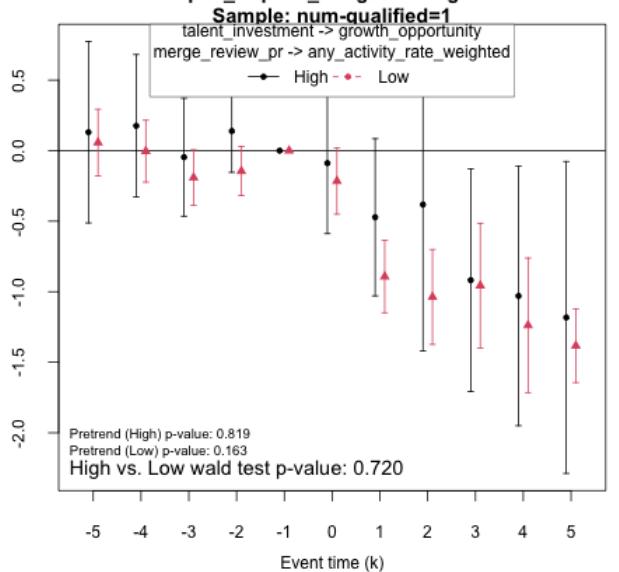
### major\_minor\_release\_count rolling5



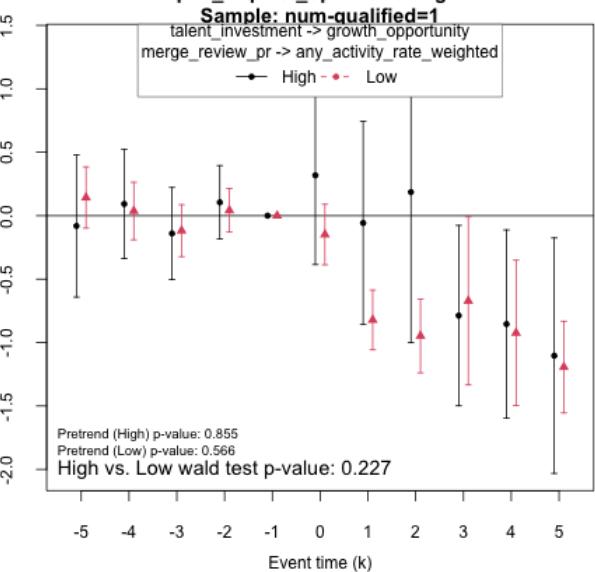
### overall\_new\_release\_count rolling5



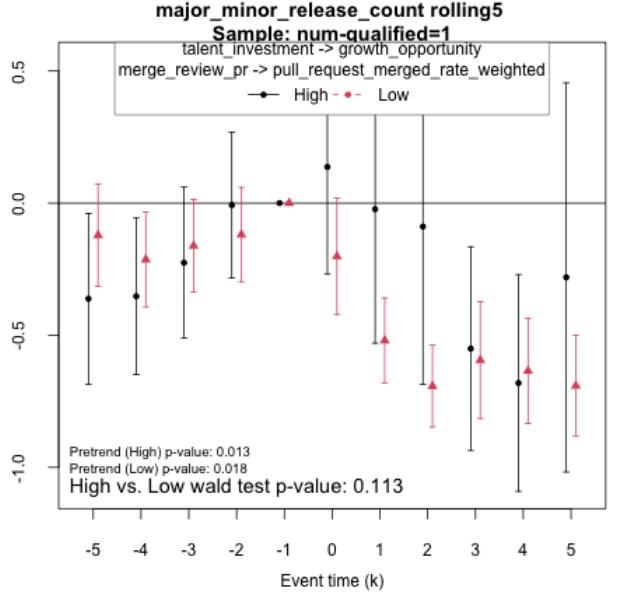
### pull\_request\_merged rolling5



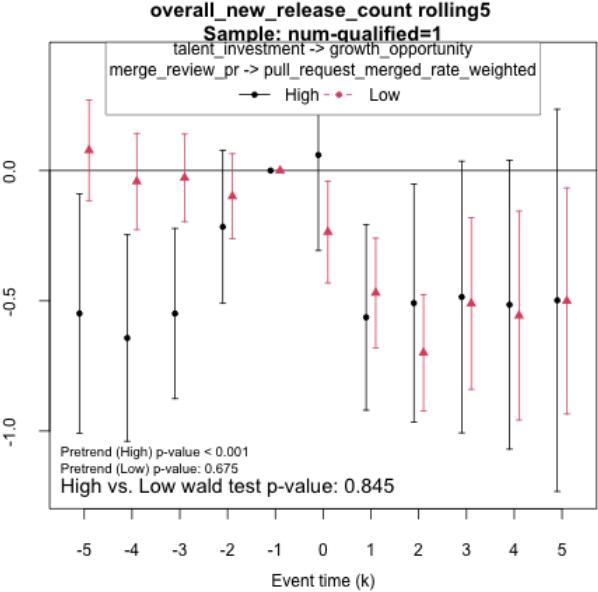
### pull\_request\_opened rolling5



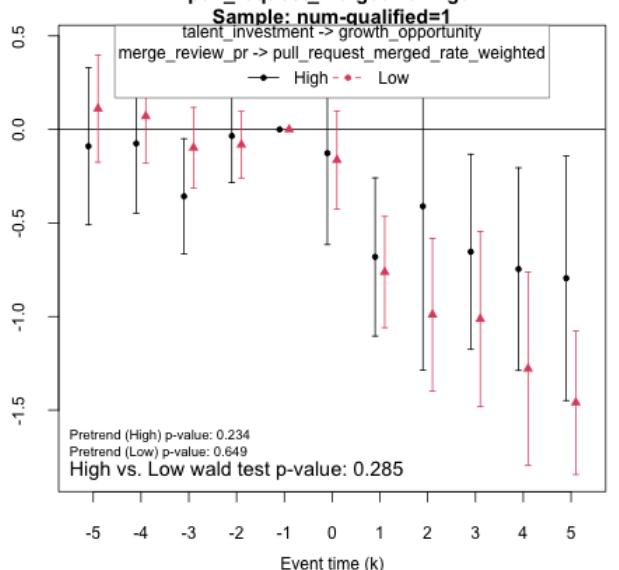
### major\_minor\_release\_count rolling5



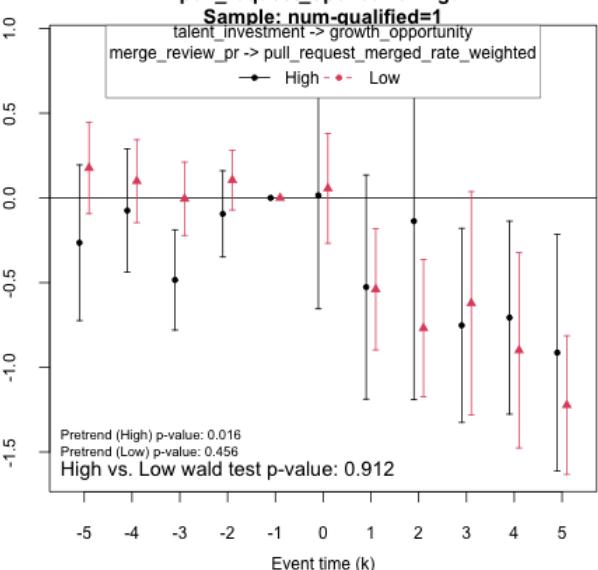
### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5

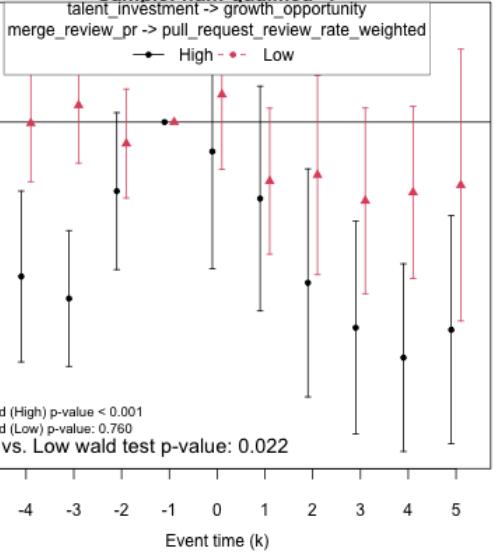


### pull\_request\_opened rolling5



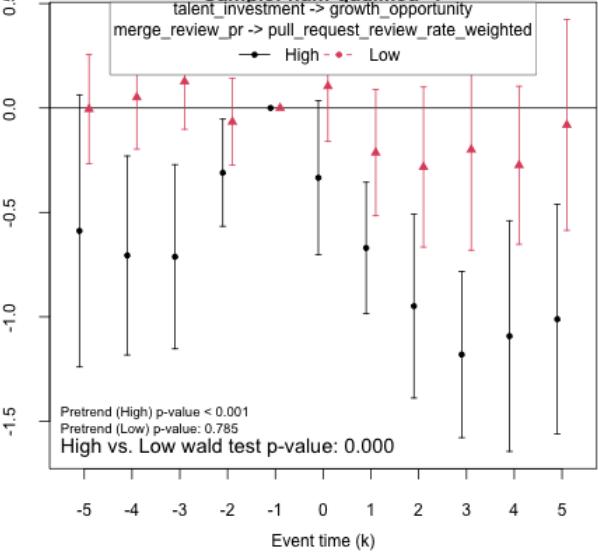
### major\_minor\_release\_count rolling5

Sample: num-qualified=1



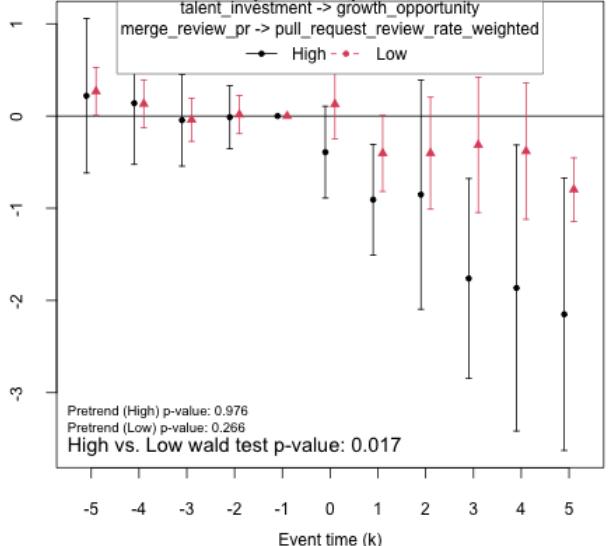
### overall\_new\_release\_count rolling5

Sample: num-qualified=1



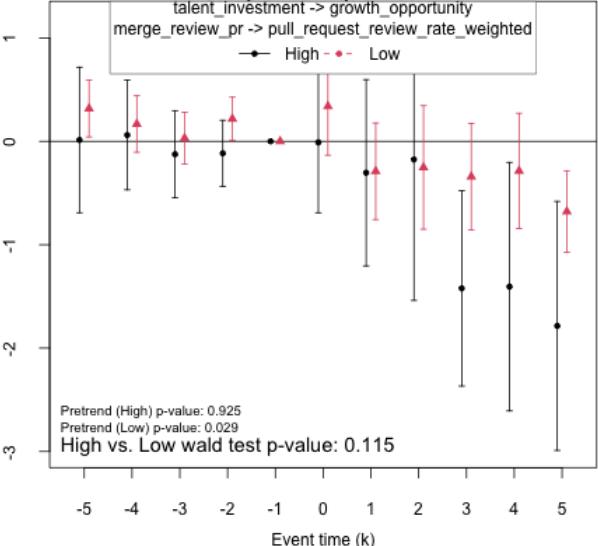
### pull\_request\_merged rolling5

Sample: num-qualified=1

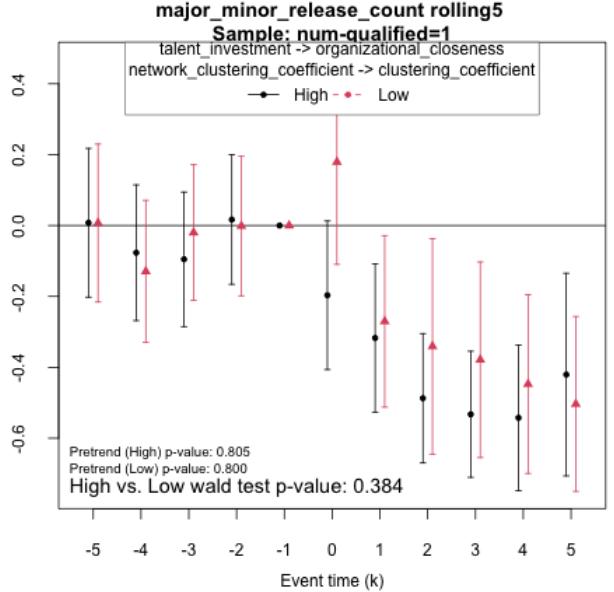


### pull\_request\_opened rolling5

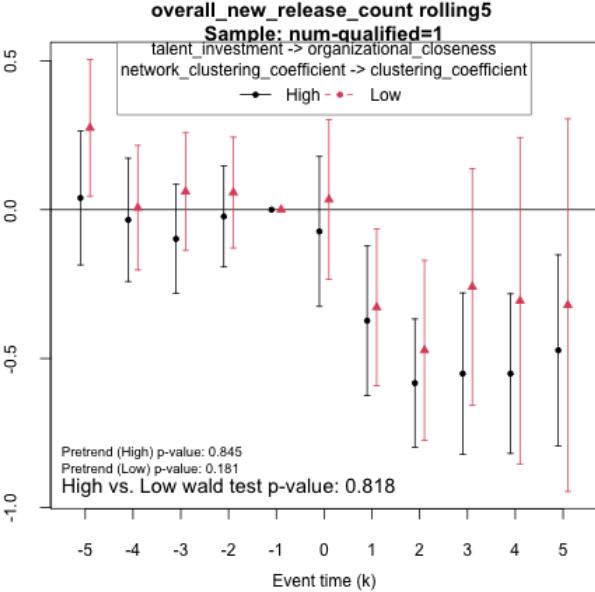
Sample: num-qualified=1



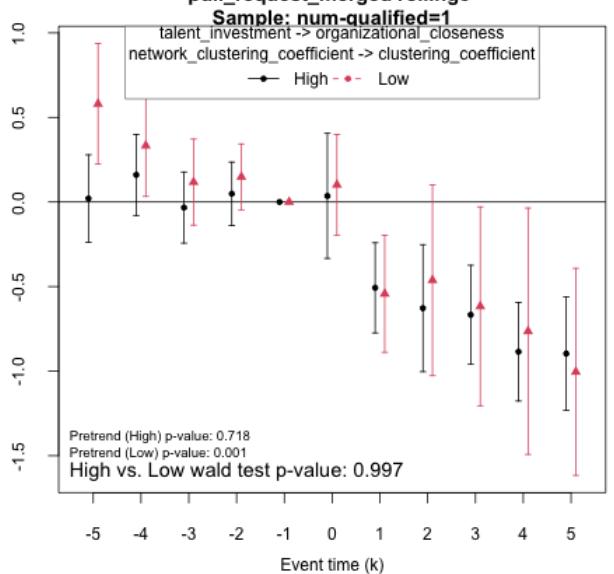
### major\_minor\_release\_count rolling5



### overall\_new\_release\_count rolling5



### pull\_request\_merged rolling5



### pull\_request\_opened rolling5

