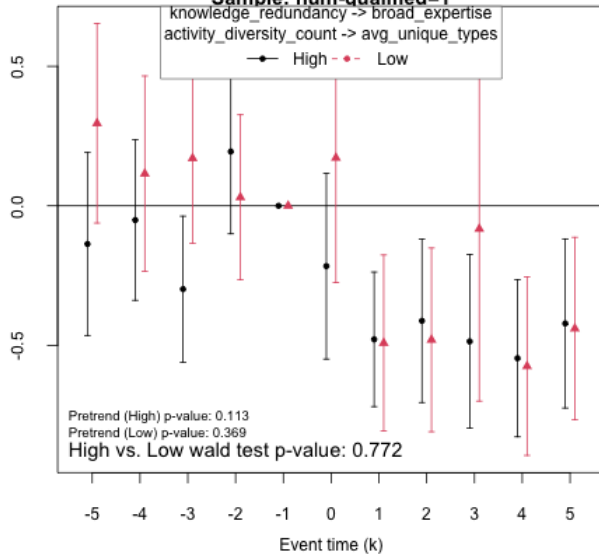


major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

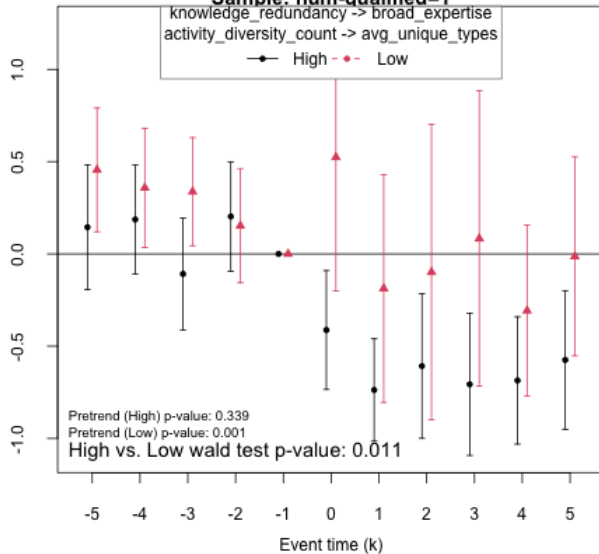


overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

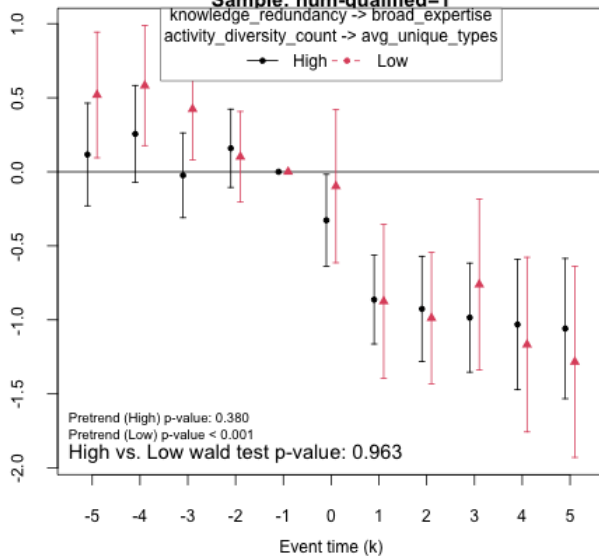


pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

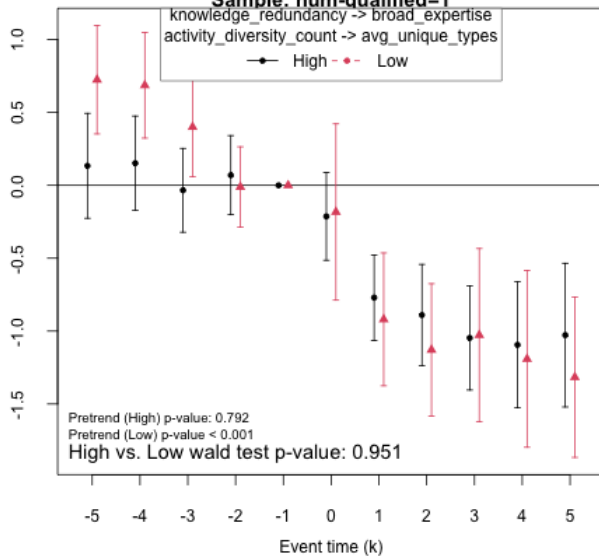


pull_request_opened rolling5

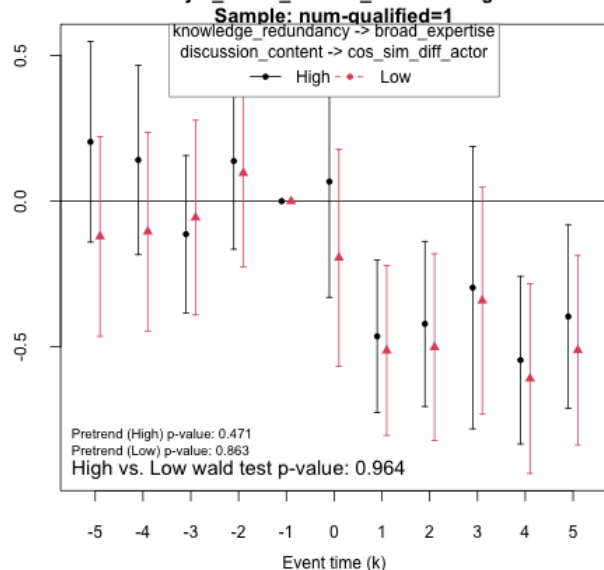
Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

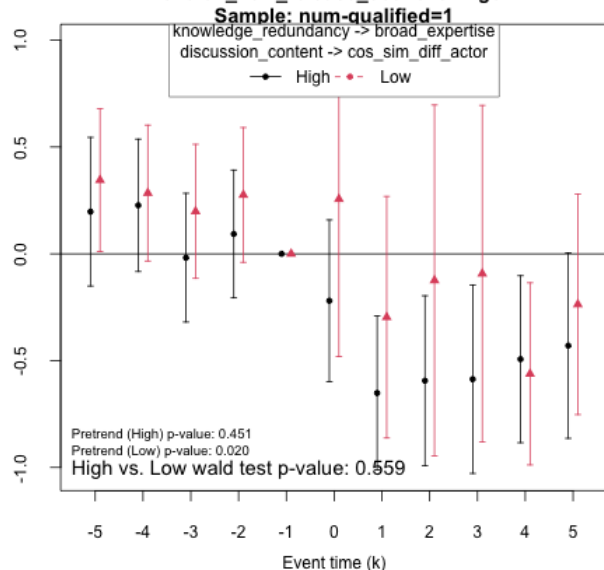
—●— High —●— Low



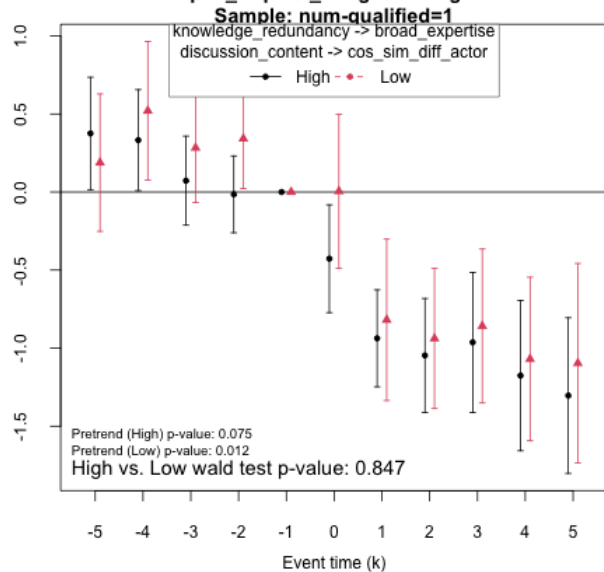
major_minor_release_count rolling5



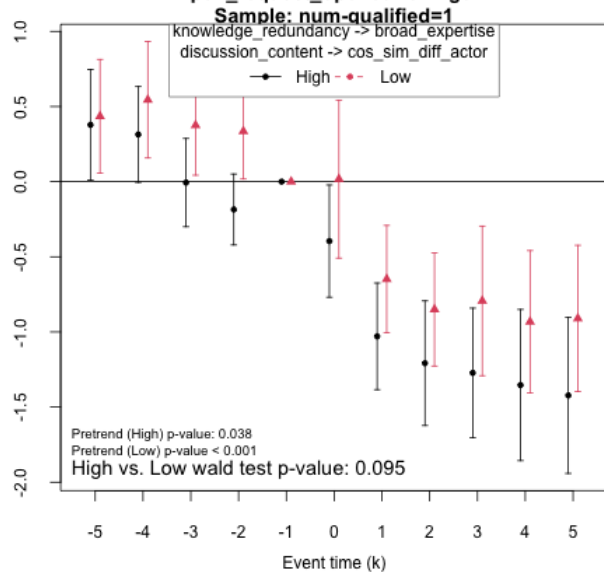
overall_new_release_count rolling5



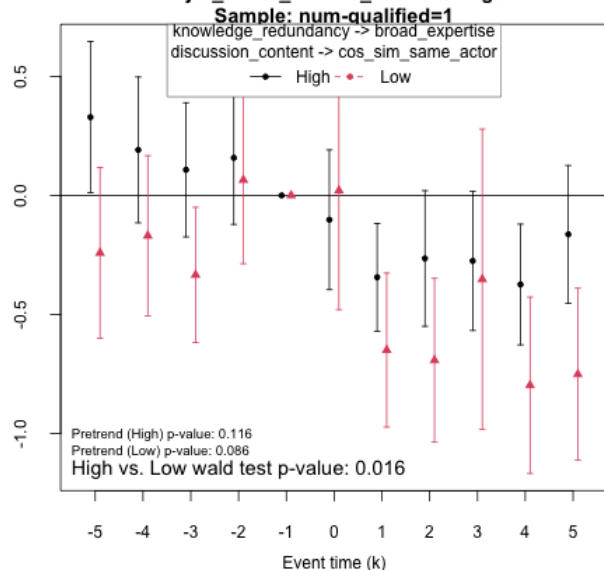
pull_request_merged rolling5



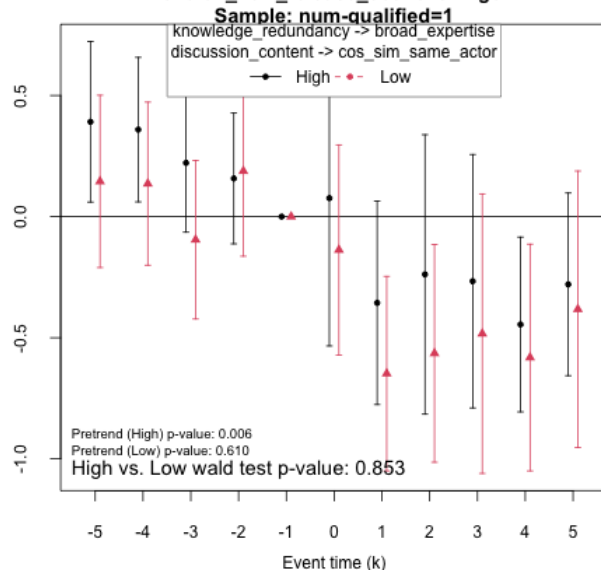
pull_request_opened rolling5



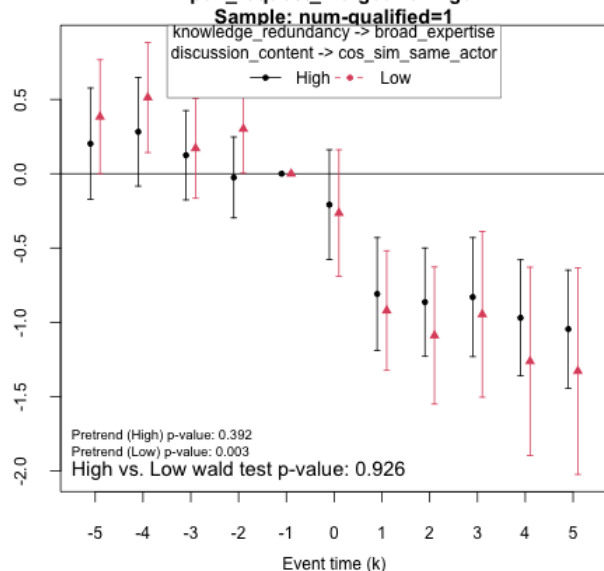
major_minor_release_count rolling5



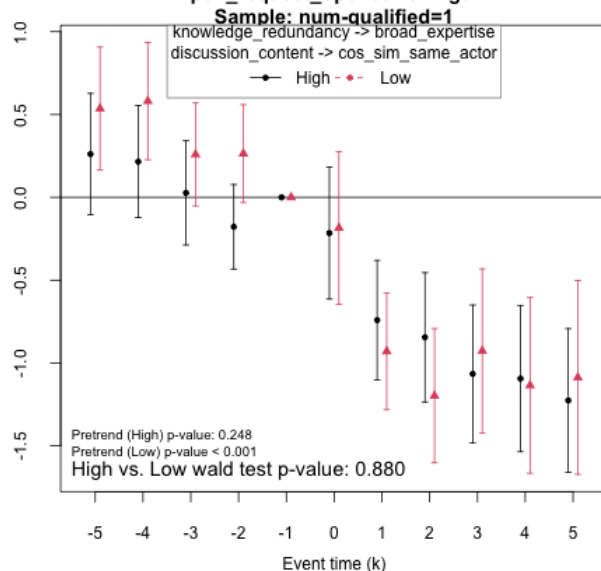
overall_new_release_count rolling5



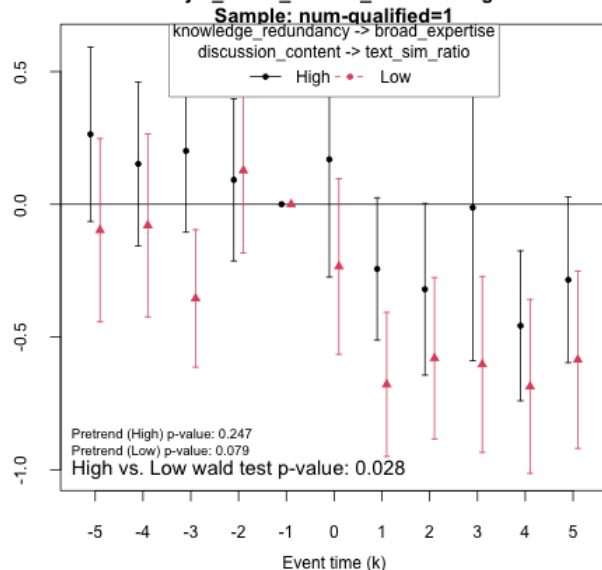
pull_request_merged rolling5



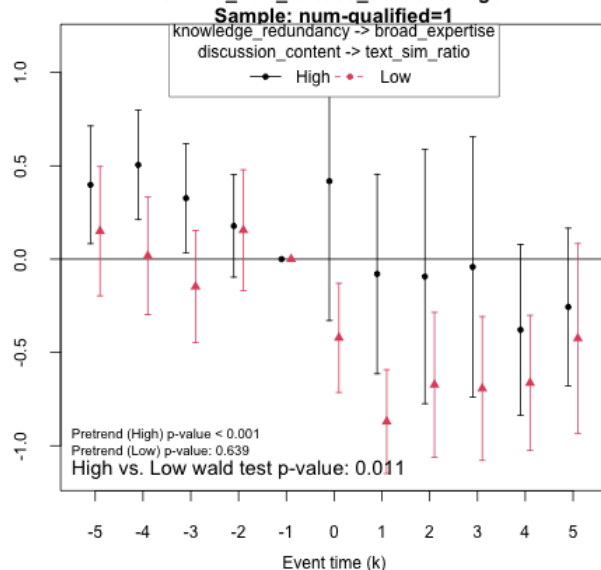
pull_request_opened rolling5



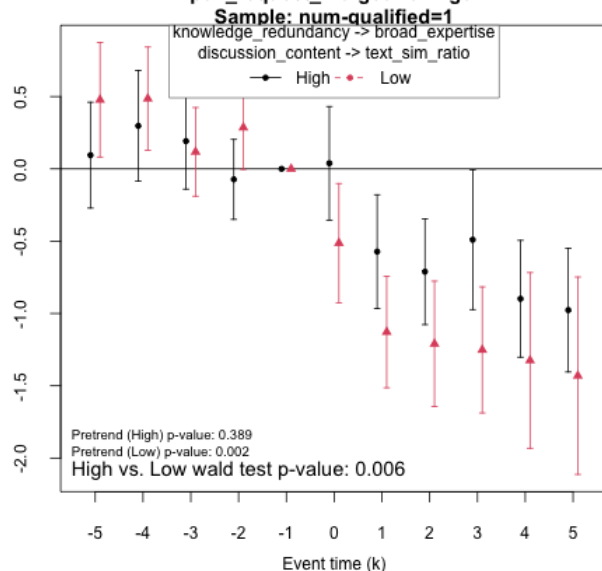
major_minor_release_count rolling5



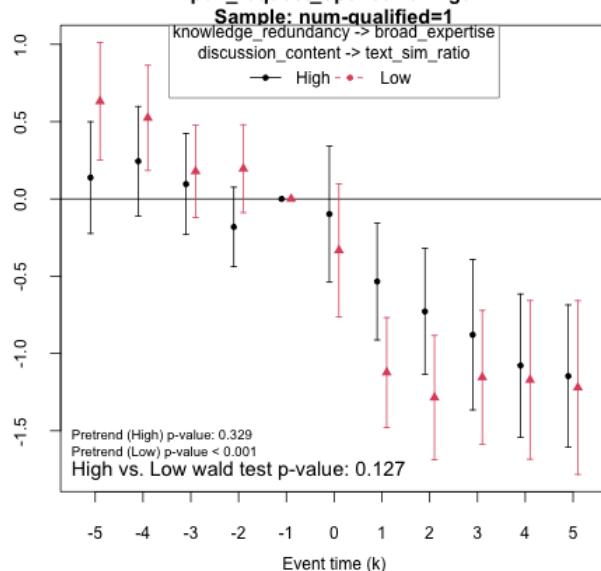
overall_new_release_count rolling5



pull_request_merged rolling5

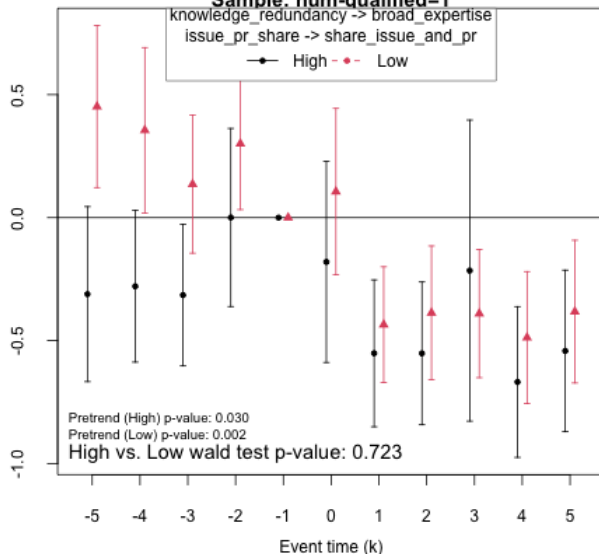


pull_request_opened rolling5



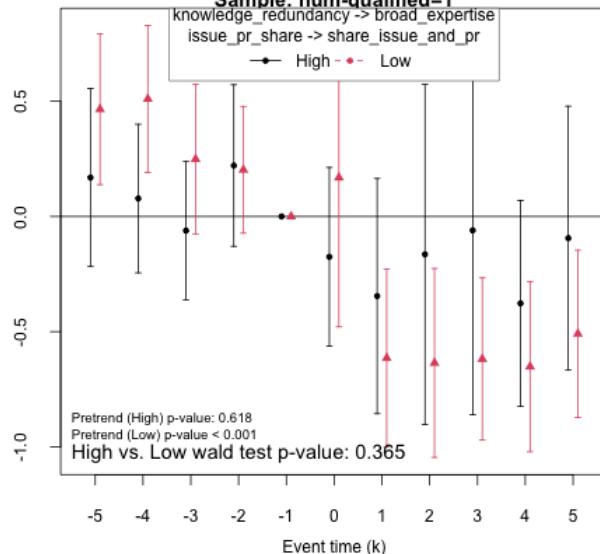
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy-> broad_expertise
issue_pr_share-> share_issue_and_pr
—●— High —●— Low

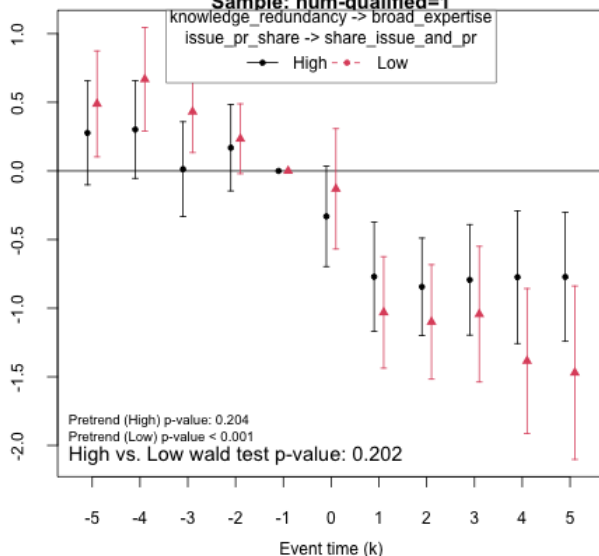
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy-> broad_expertise
issue_pr_share-> share_issue_and_pr
—●— High —●— Low

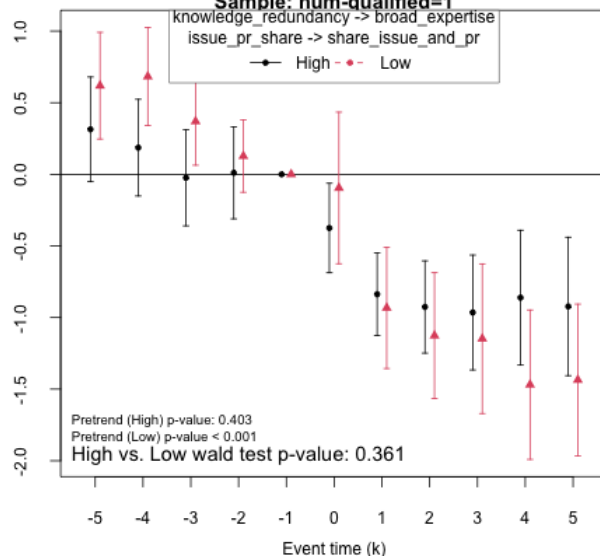
pull_request_merged rolling5

Sample: num-qualified=1

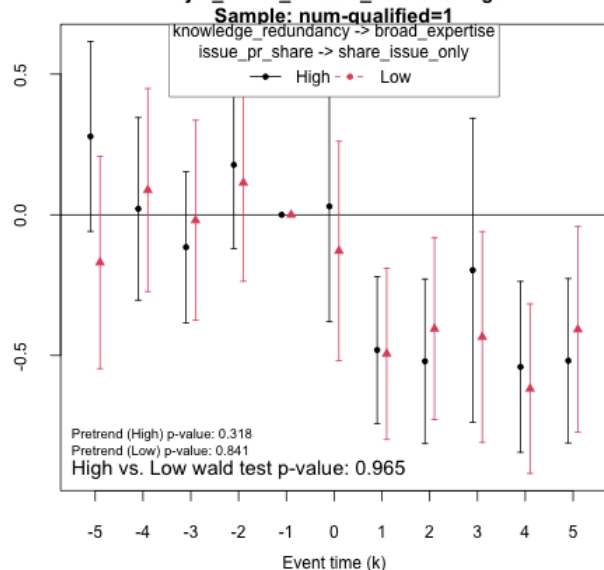
knowledge_redundancy-> broad_expertise
issue_pr_share-> share_issue_and_pr
—●— High —●— Low

pull_request_opened rolling5

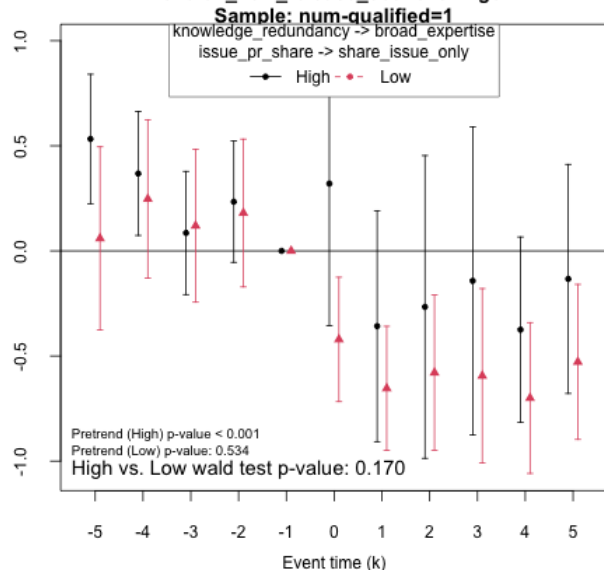
Sample: num-qualified=1

knowledge_redundancy-> broad_expertise
issue_pr_share-> share_issue_and_pr
—●— High —●— Low

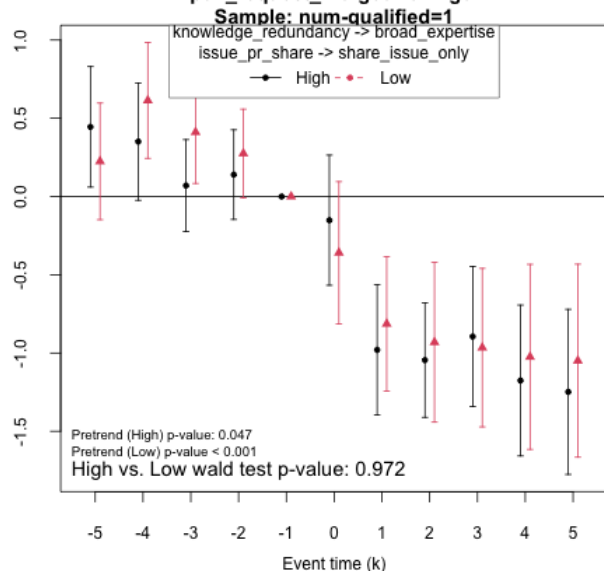
major_minor_release_count rolling5



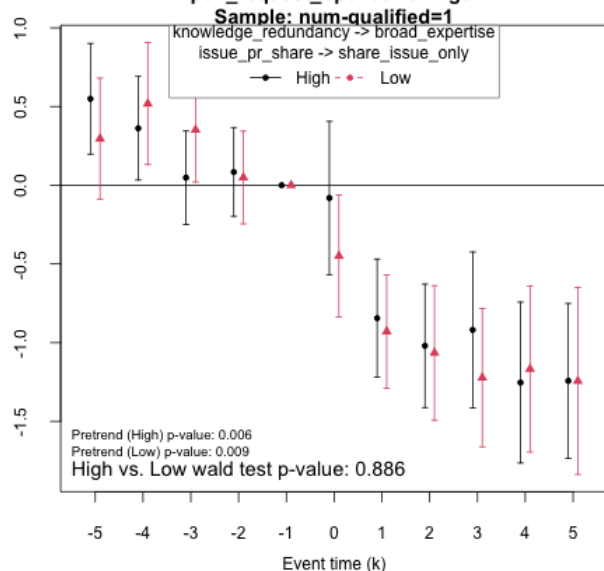
overall_new_release_count rolling5



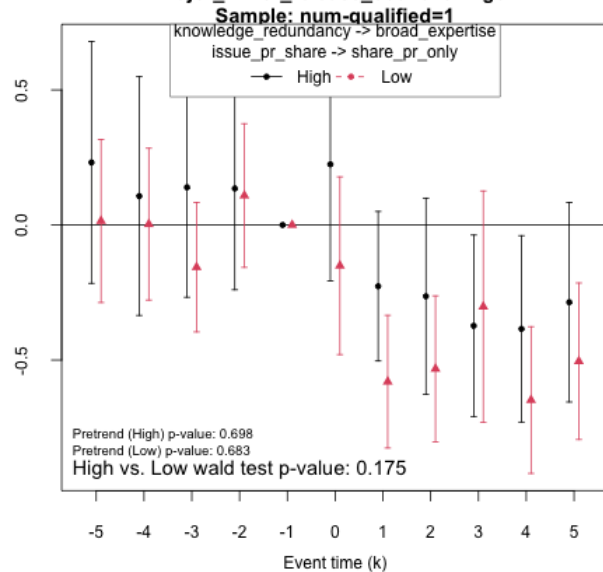
pull_request_merged rolling5



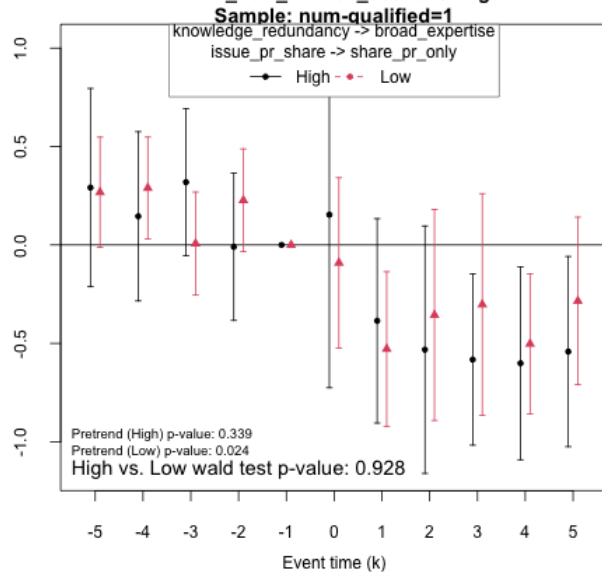
pull_request_opened rolling5



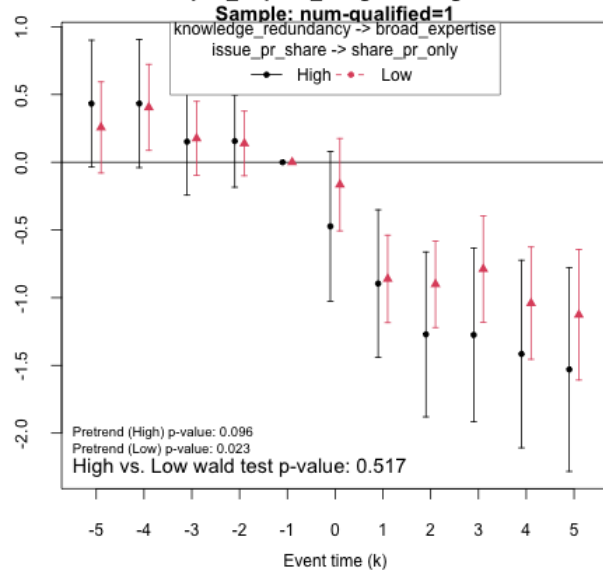
major_minor_release_count rolling5



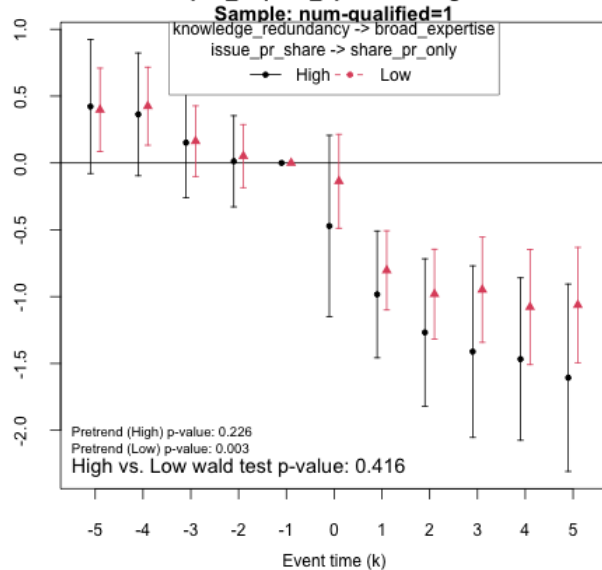
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



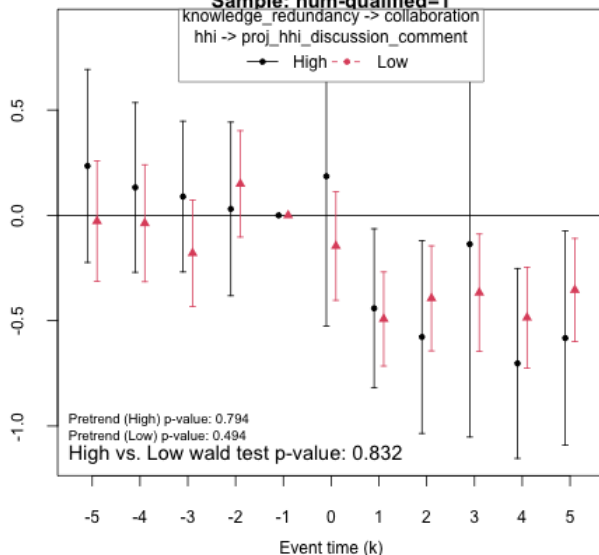
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

hhi -> proj_hhi_discussion_comment

—●— High —●— Low



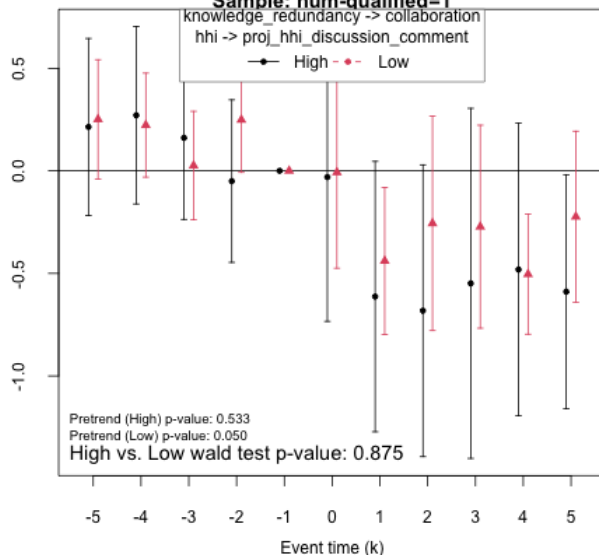
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

hhi -> proj_hhi_discussion_comment

—●— High —●— Low



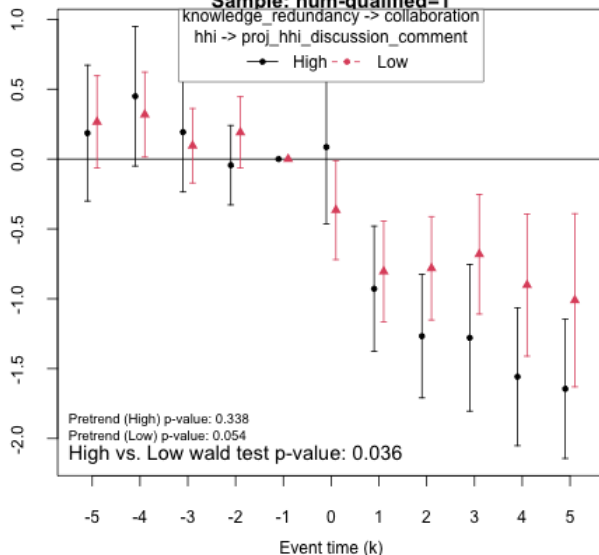
pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

hhi -> proj_hhi_discussion_comment

—●— High —●— Low



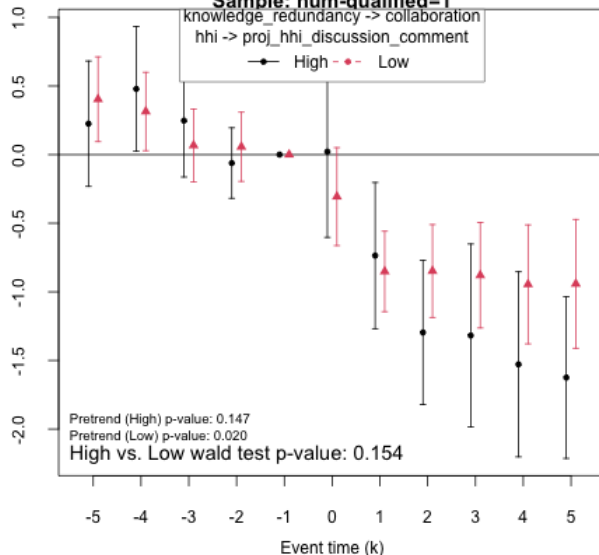
pull_request_opened rolling5

Sample: num-qualified=1

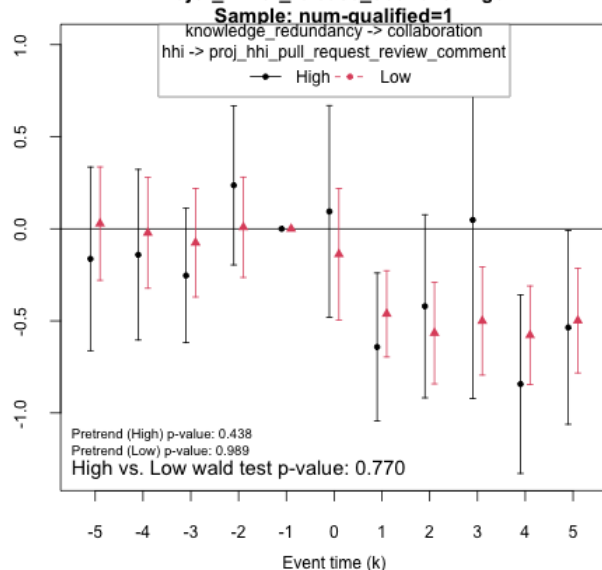
knowledge_redundancy -> collaboration

hhi -> proj_hhi_discussion_comment

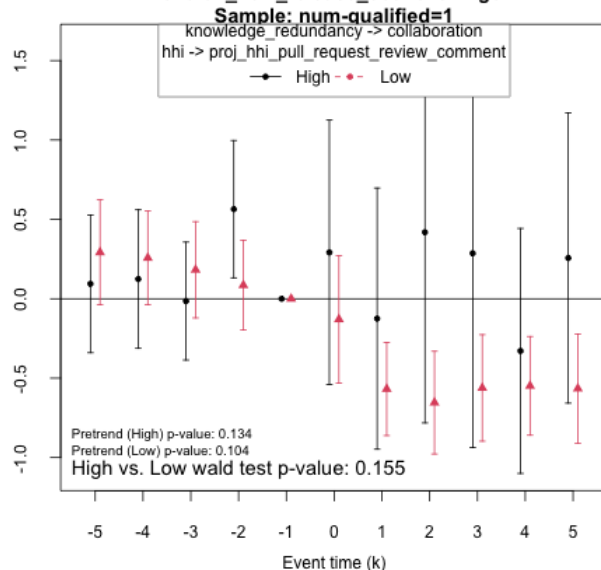
—●— High —●— Low



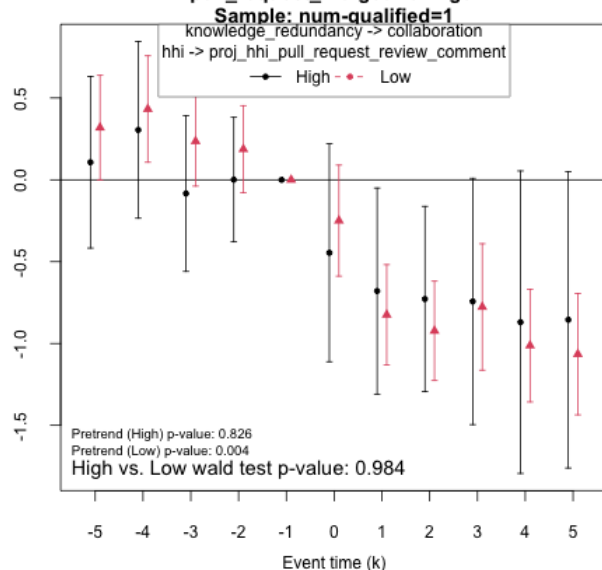
major_minor_release_count rolling5



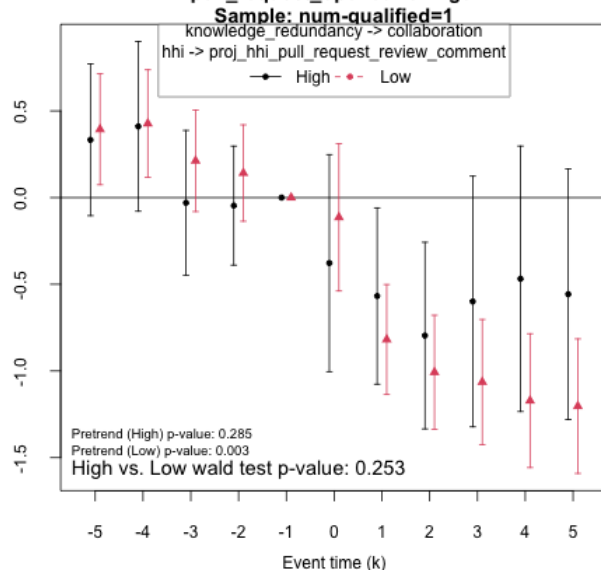
overall_new_release_count rolling5



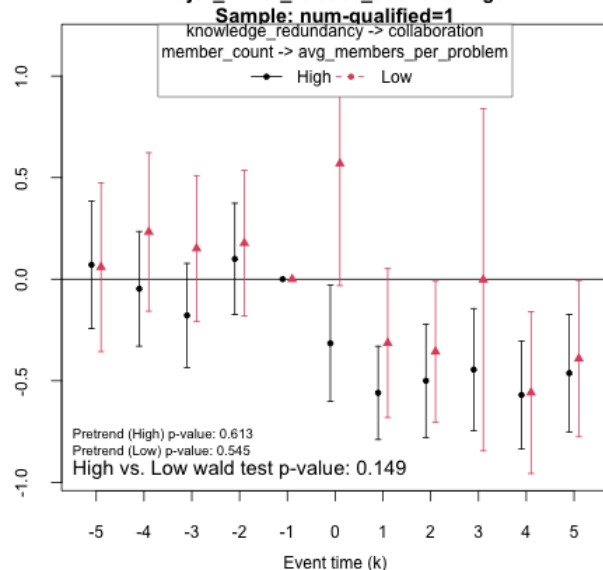
pull_request_merged rolling5



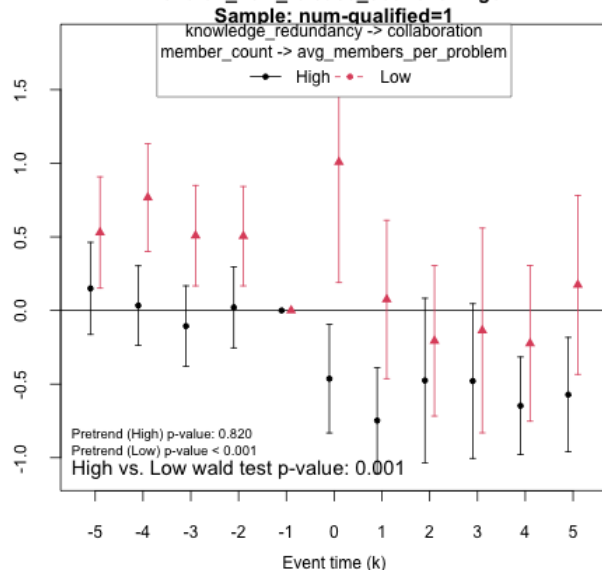
pull_request_opened rolling5



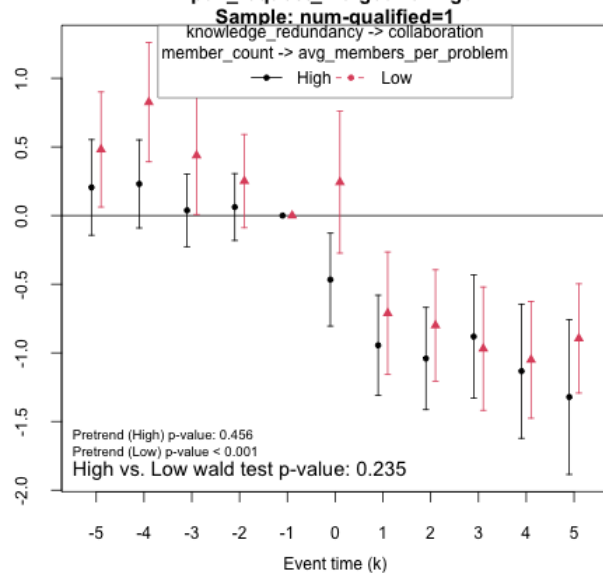
major_minor_release_count rolling5



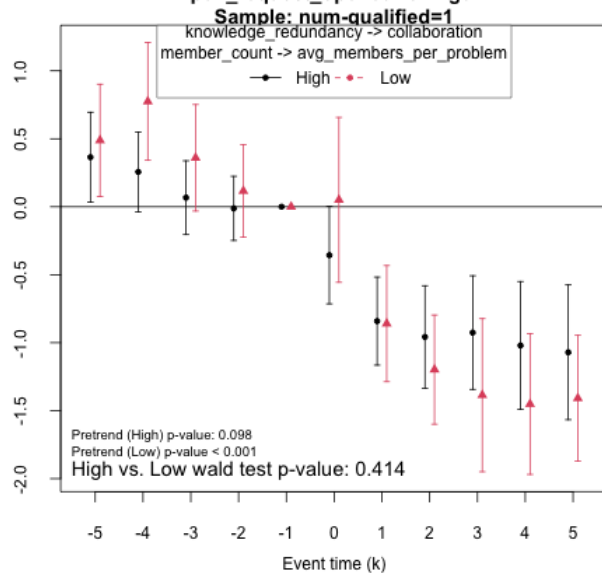
overall_new_release_count rolling5



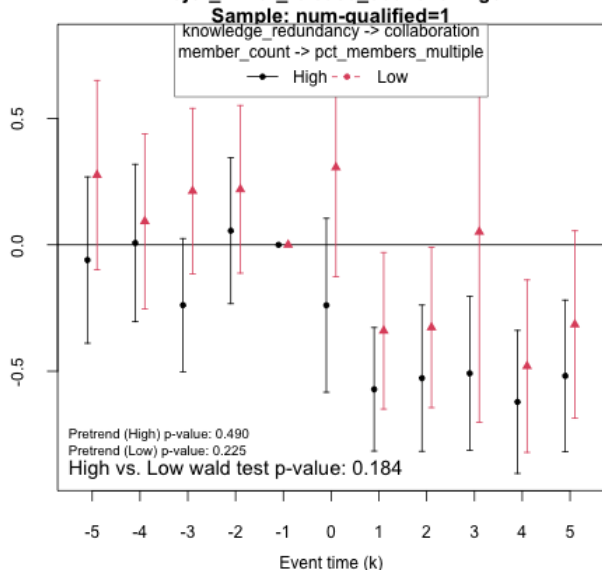
pull_request_merged rolling5



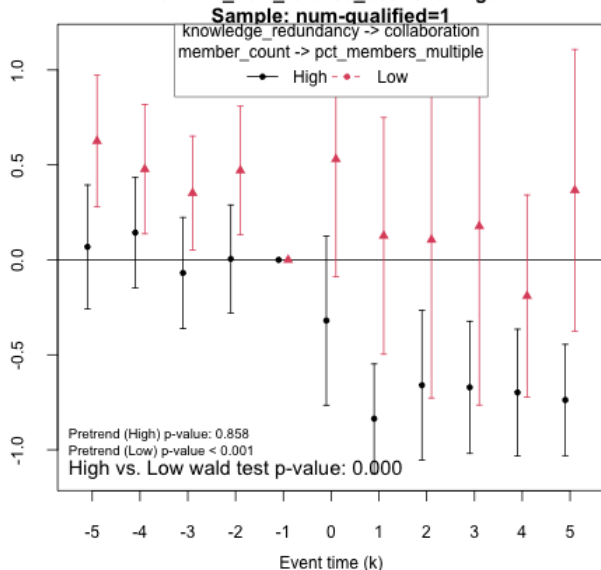
pull_request_opened rolling5



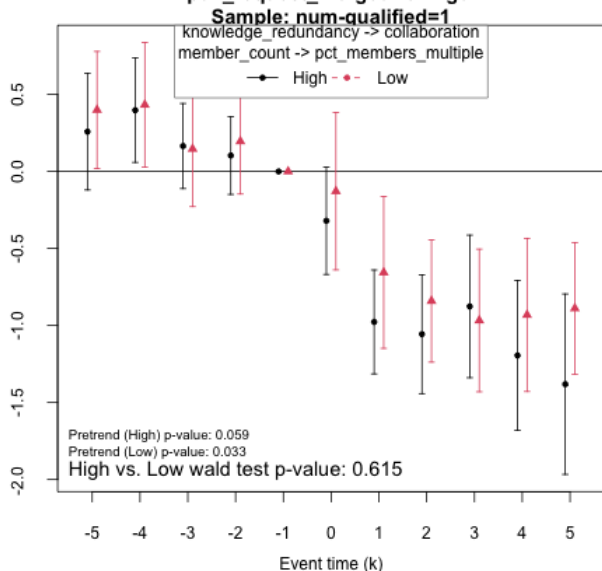
major_minor_release_count rolling5



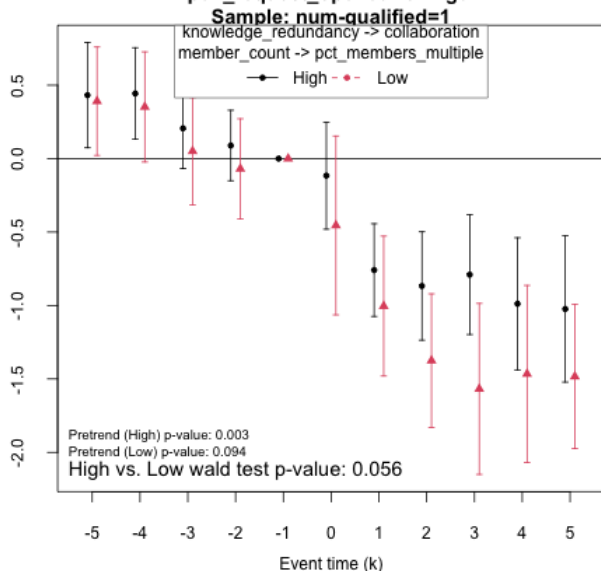
overall_new_release_count rolling5



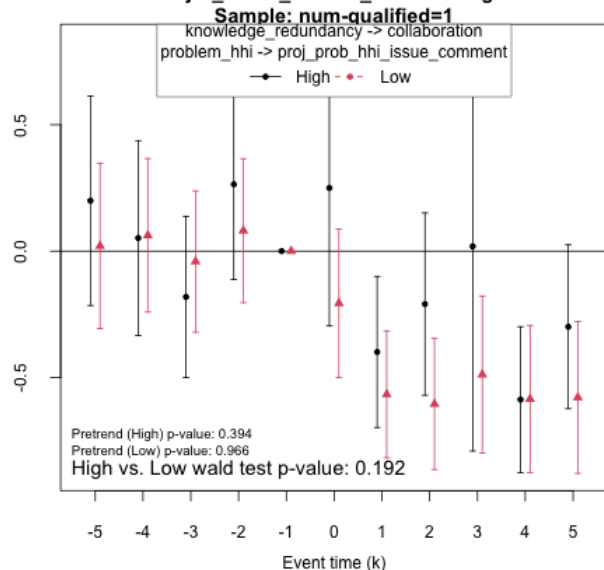
pull_request_merged rolling5



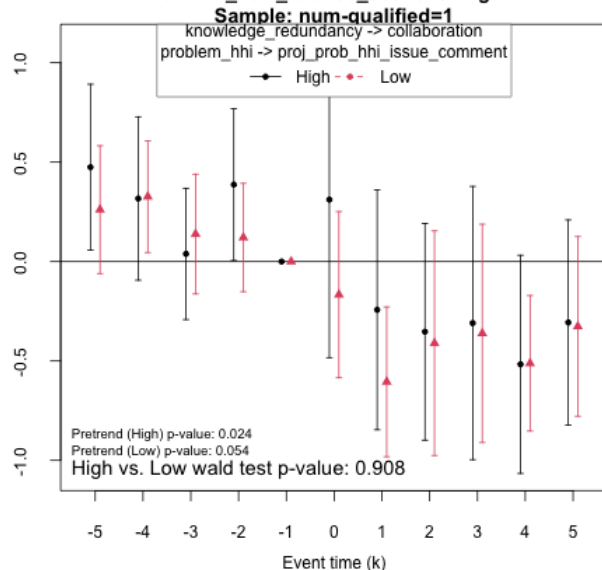
pull_request_opened rolling5



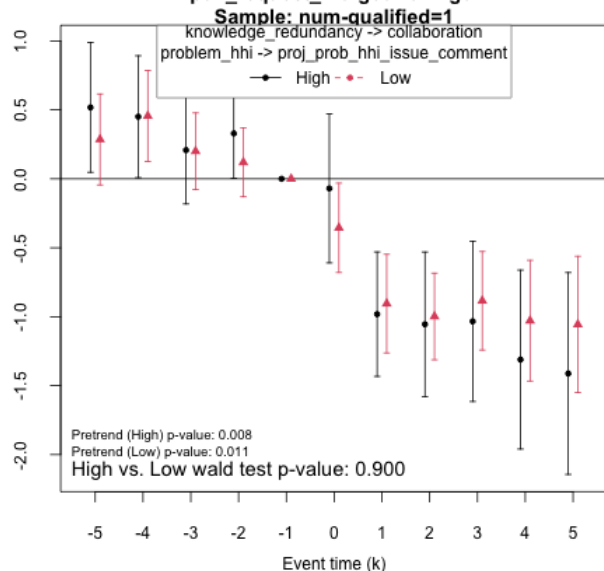
major_minor_release_count rolling5



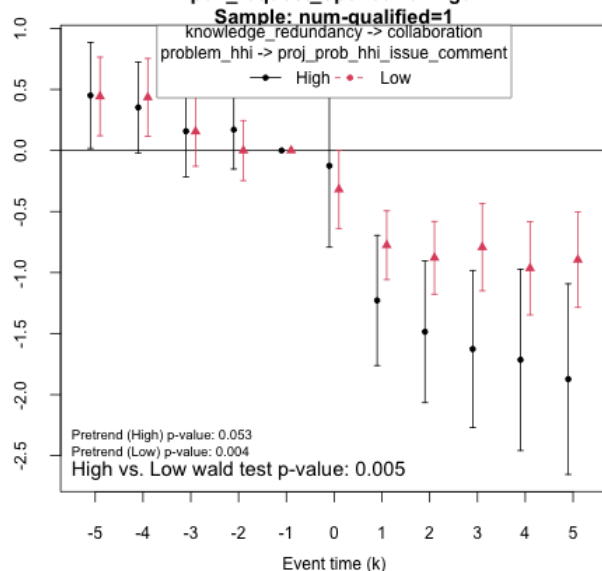
overall_new_release_count rolling5



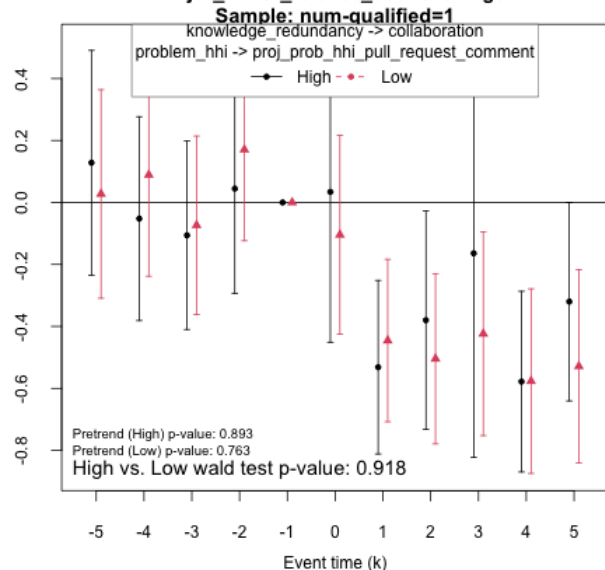
pull_request_merged rolling5



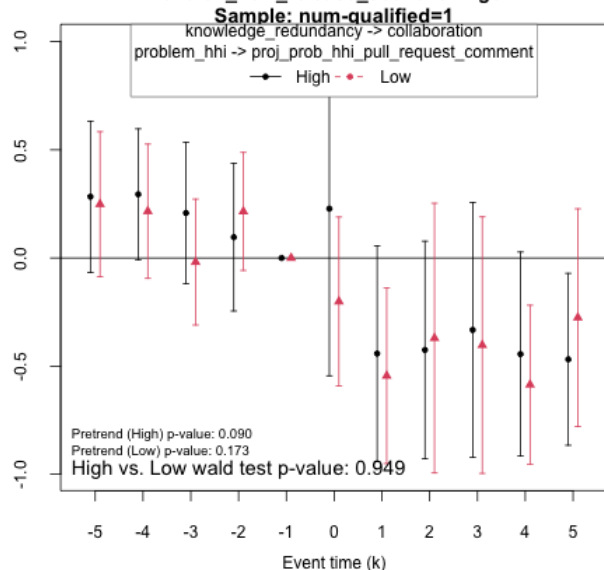
pull_request_opened rolling5



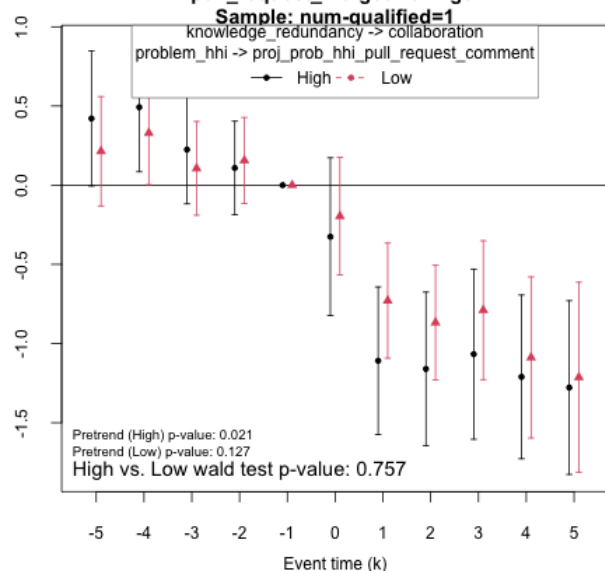
major_minor_release_count rolling5



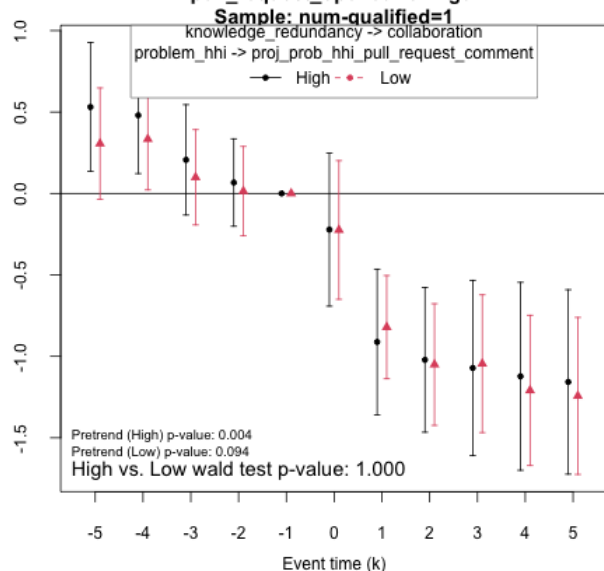
overall_new_release_count rolling5



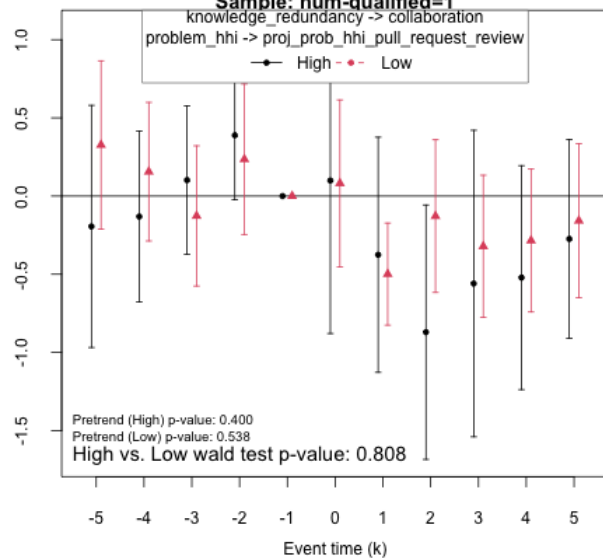
pull_request_merged rolling5



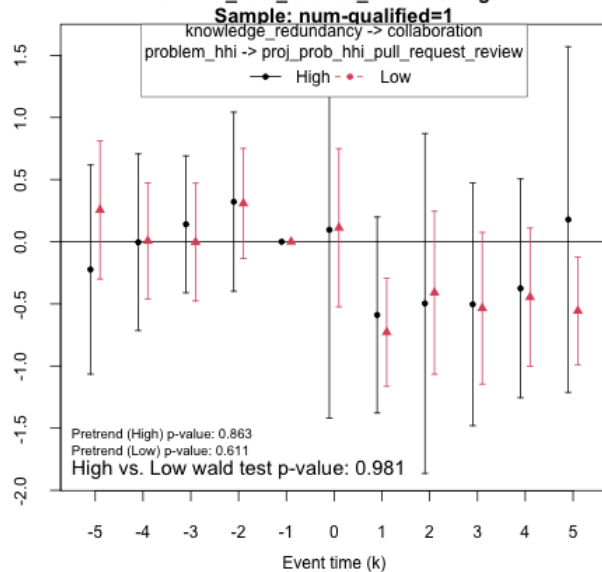
pull_request_opened rolling5



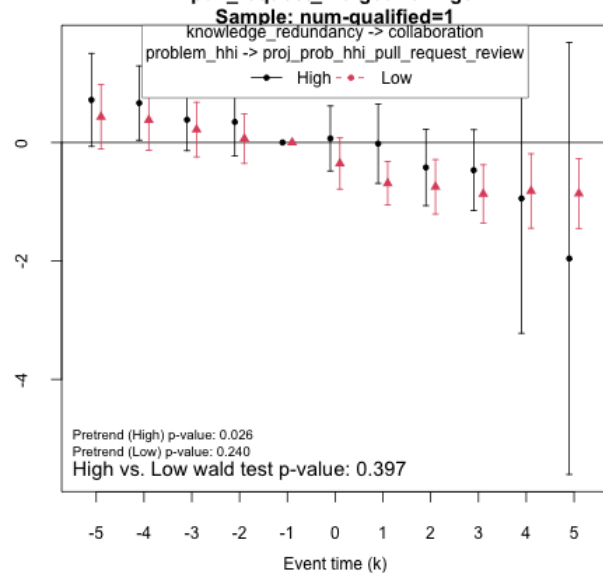
major_minor_release_count rolling5



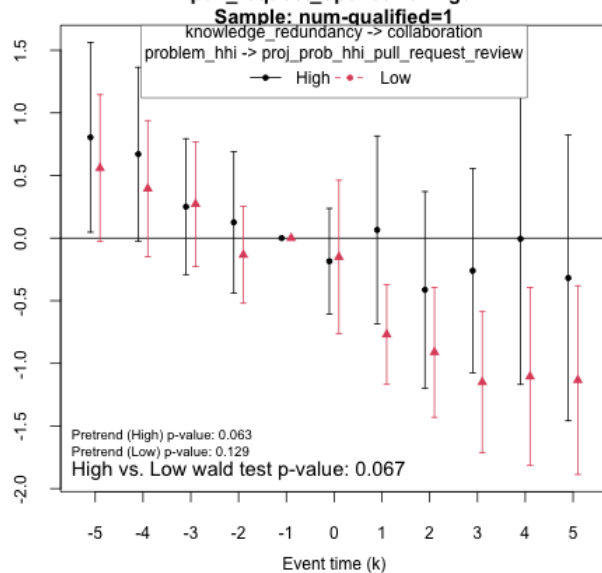
overall_new_release_count rolling5



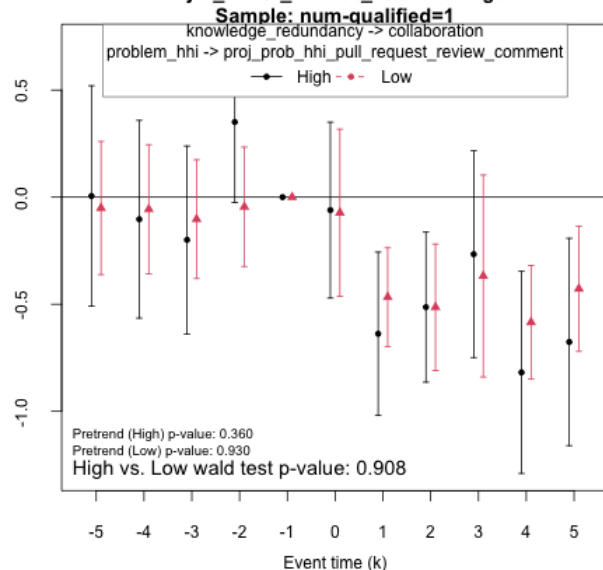
pull_request_merged rolling5



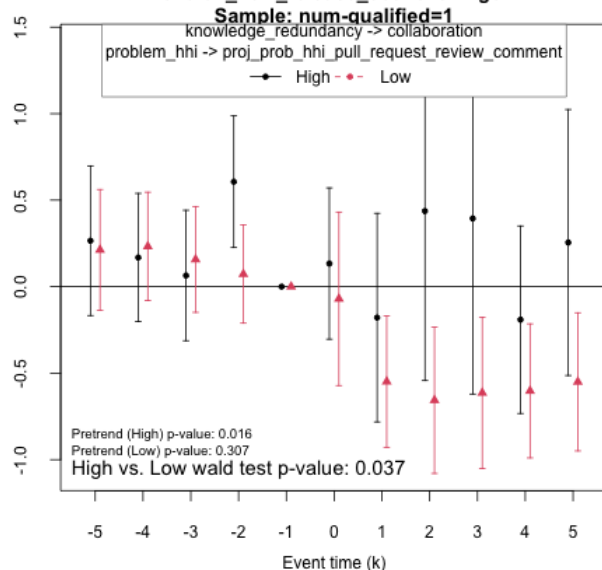
pull_request_opened rolling5



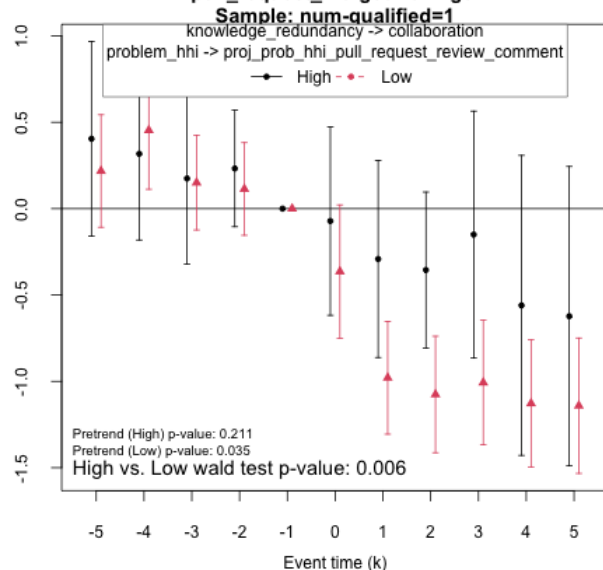
major_minor_release_count rolling5



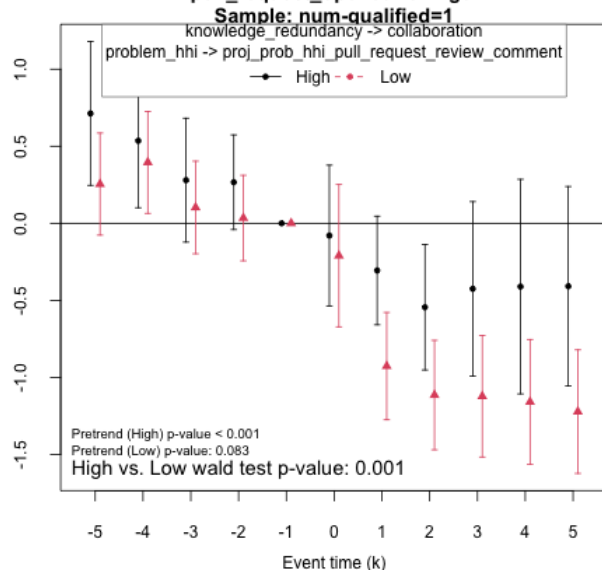
overall_new_release_count rolling5



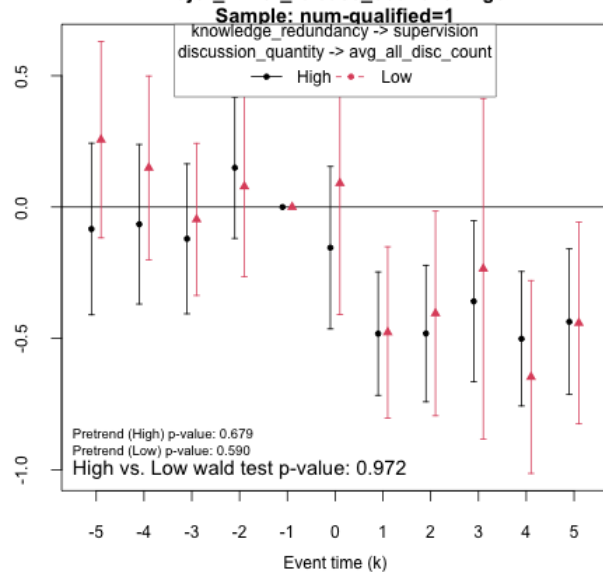
pull_request_merged rolling5



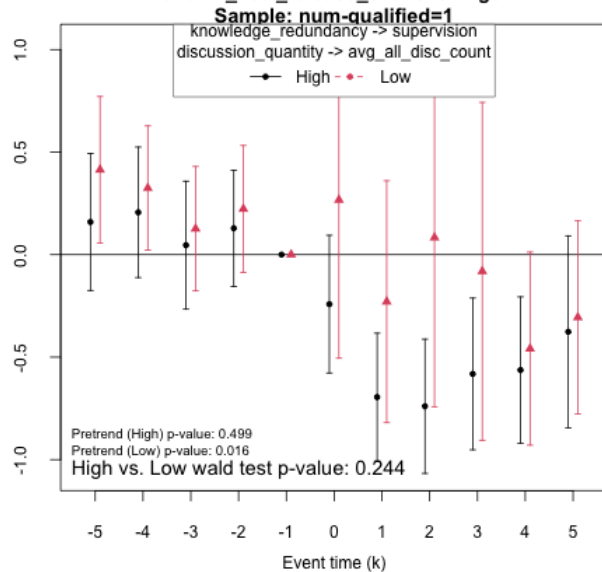
pull_request_opened rolling5



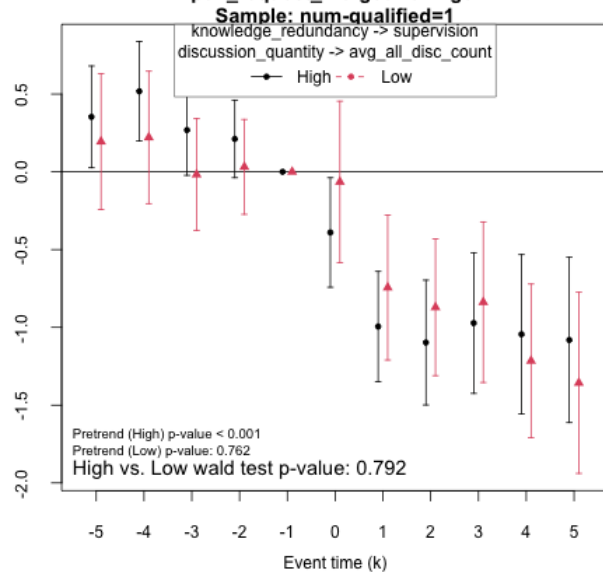
major_minor_release_count rolling5



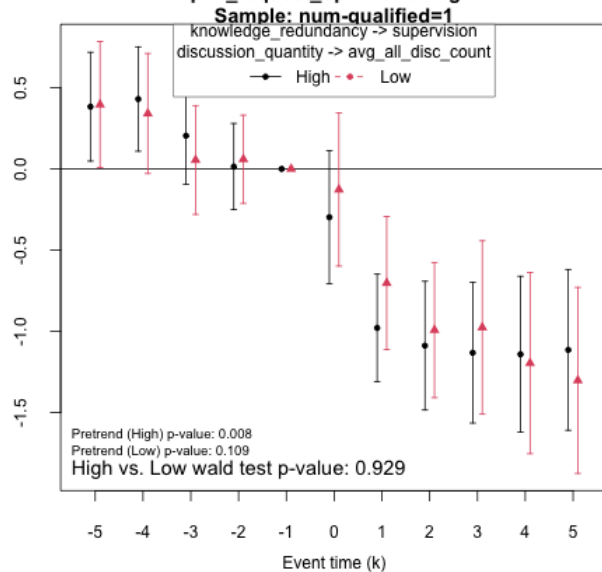
overall_new_release_count rolling5



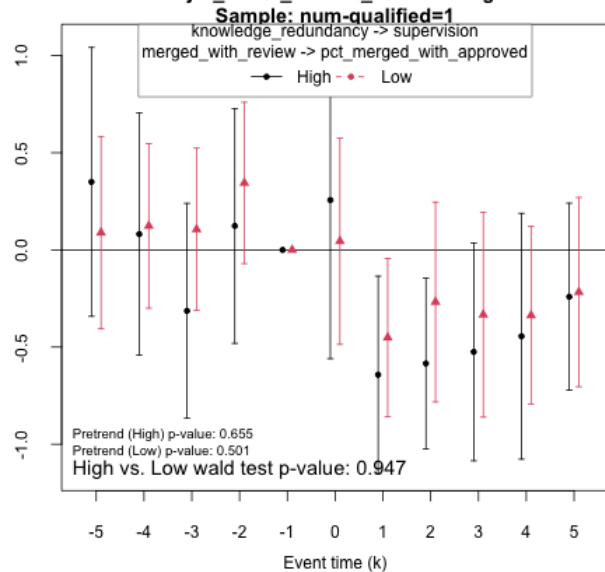
pull_request_merged rolling5



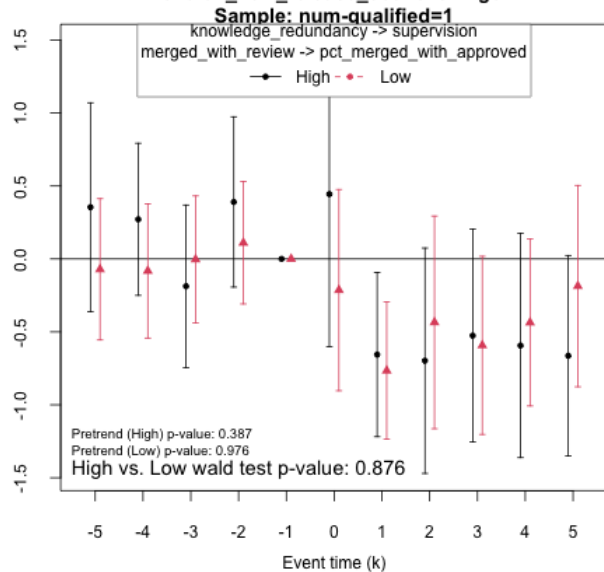
pull_request_opened rolling5



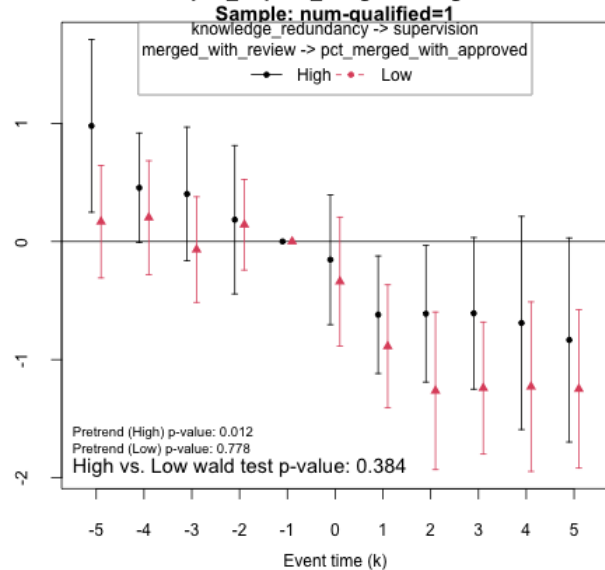
major_minor_release_count rolling5



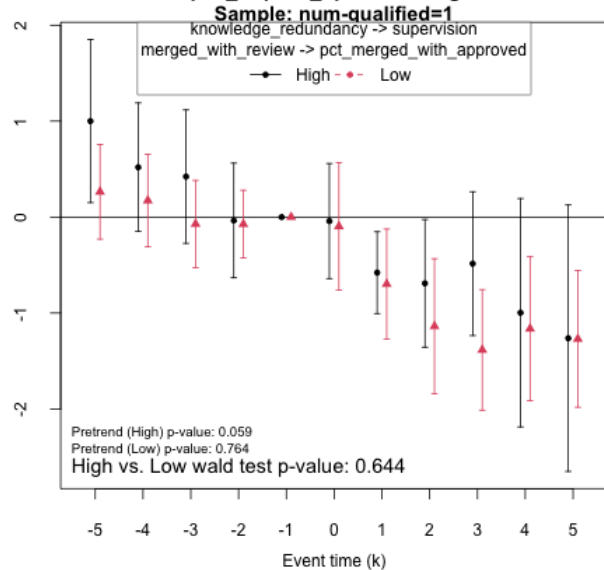
overall_new_release_count rolling5



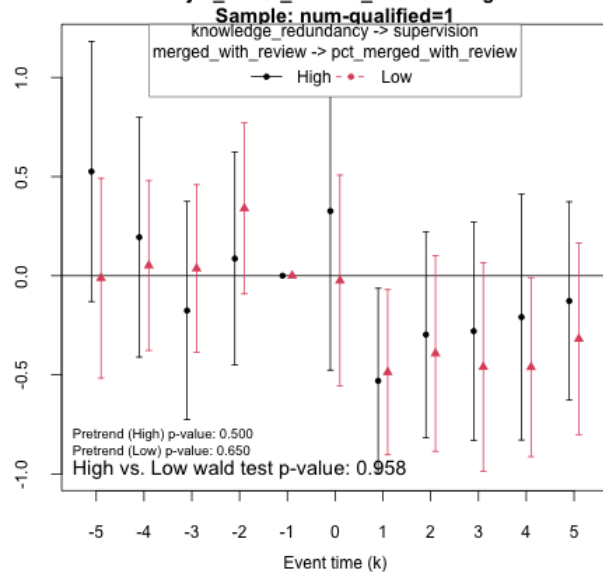
pull_request_merged rolling5



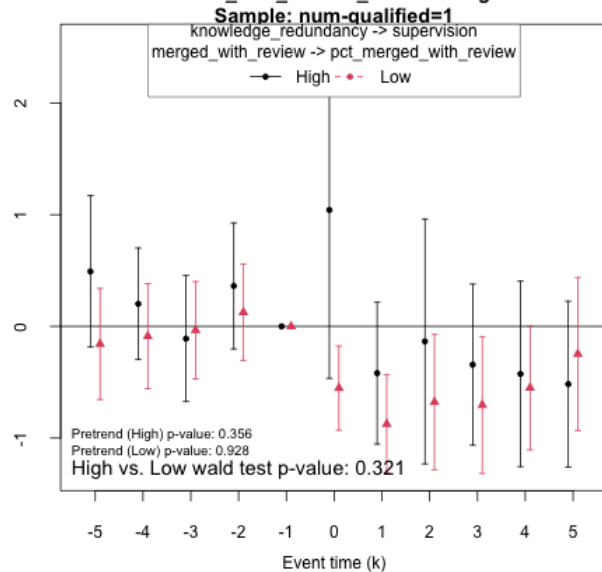
pull_request_opened rolling5



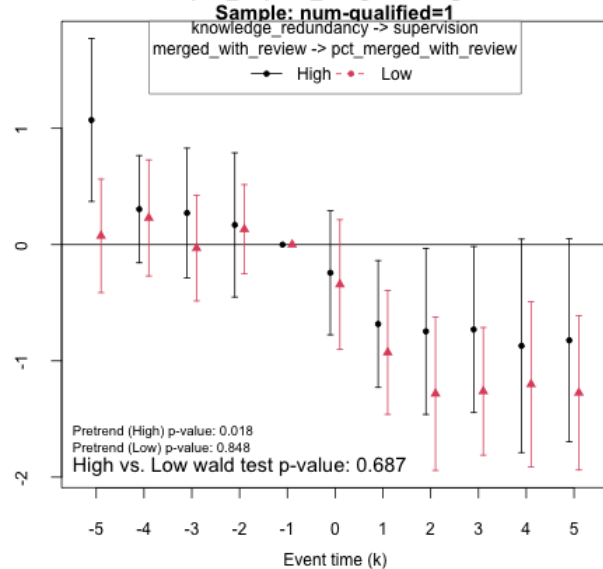
major_minor_release_count rolling5



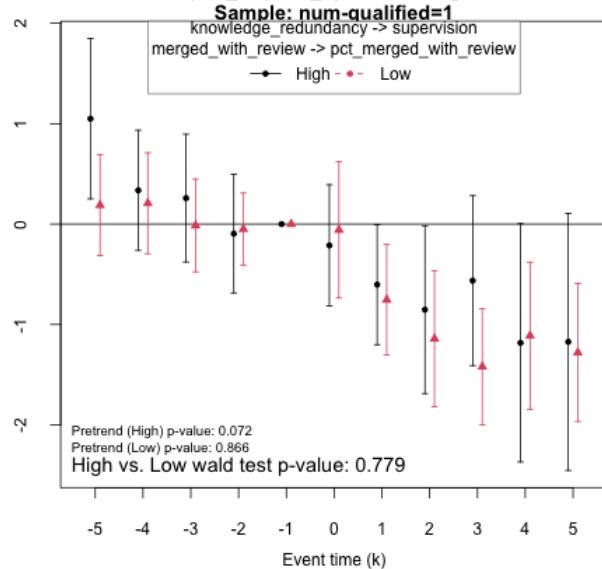
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



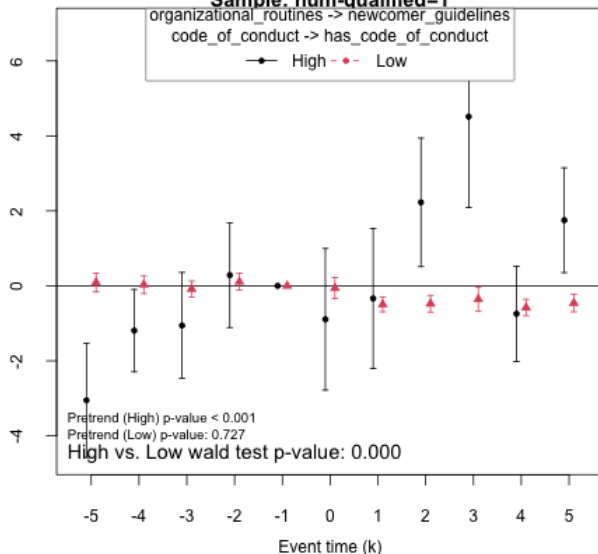
major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines

code_of_conduct -> has_code_of_conduct

—●— High —●— Low



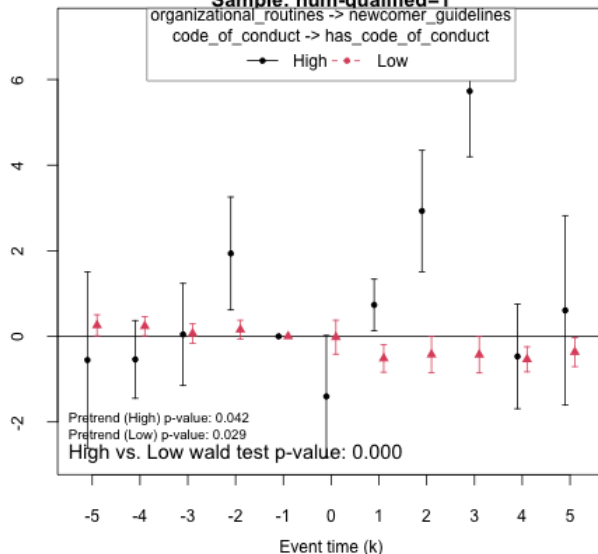
overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines

code_of_conduct -> has_code_of_conduct

—●— High —●— Low



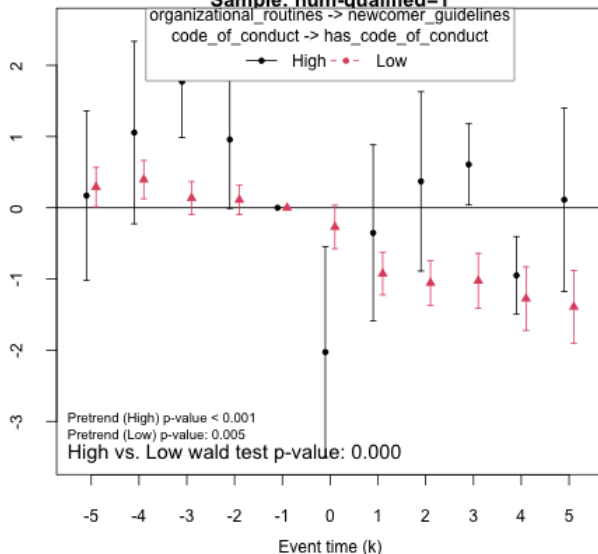
pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines

code_of_conduct -> has_code_of_conduct

—●— High —●— Low



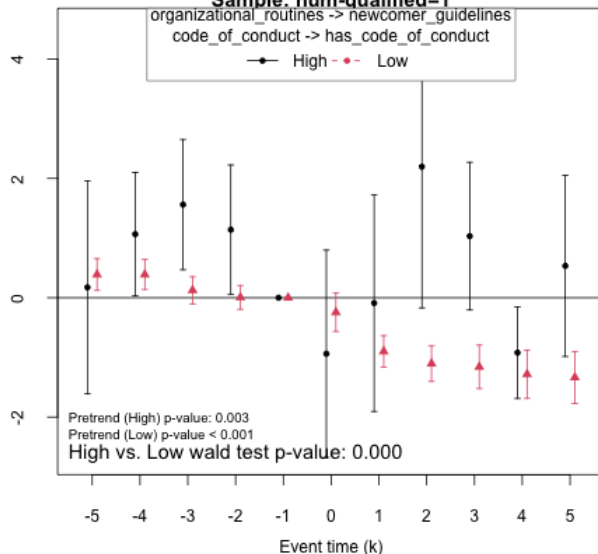
pull_request_opened rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines

code_of_conduct -> has_code_of_conduct

—●— High —●— Low

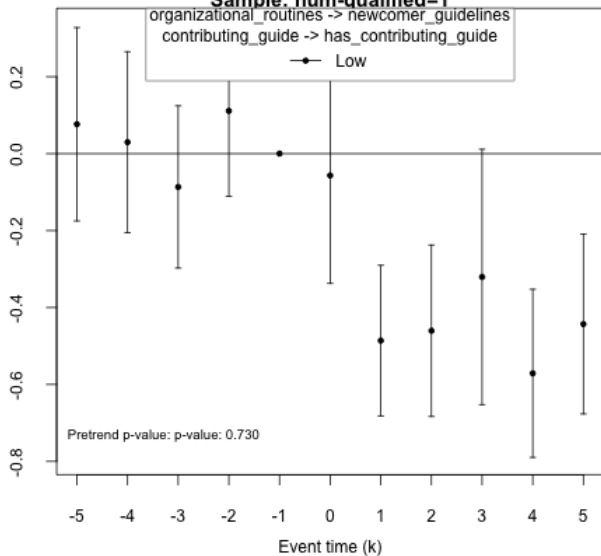


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

Low

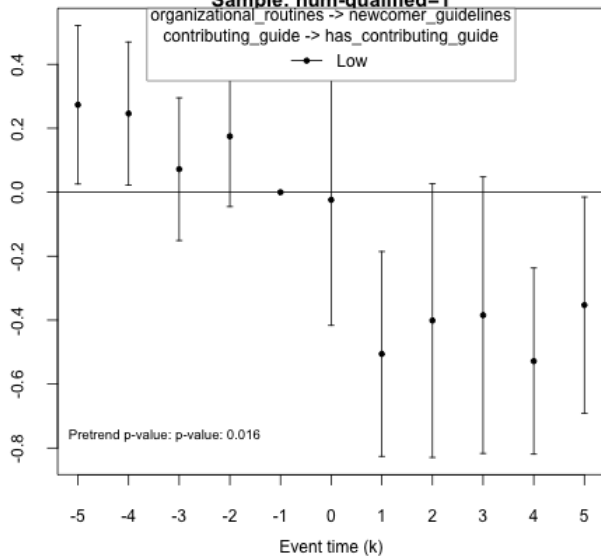


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

Low

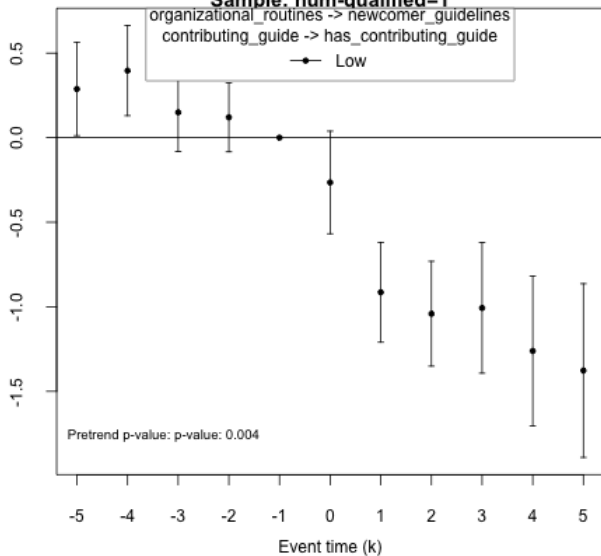


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

Low

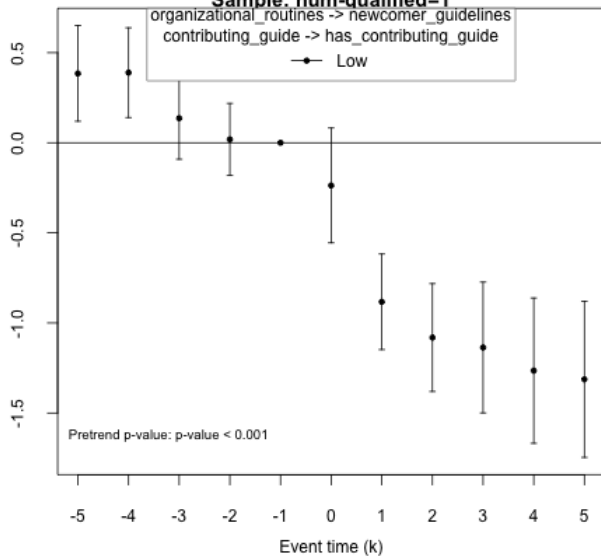


pull_request_opened rolling5

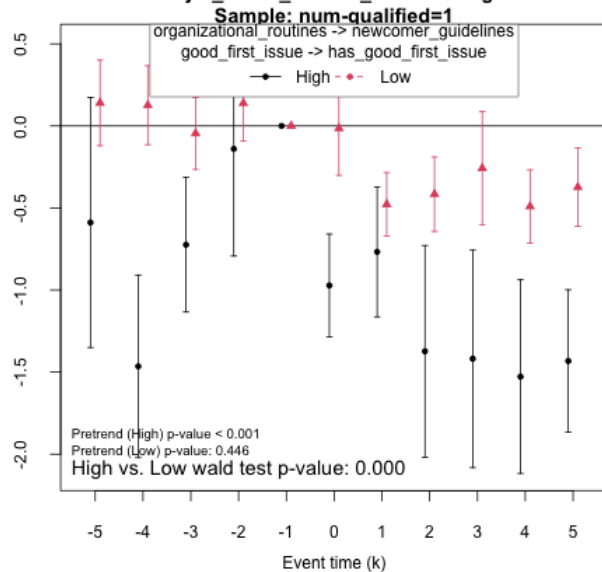
Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

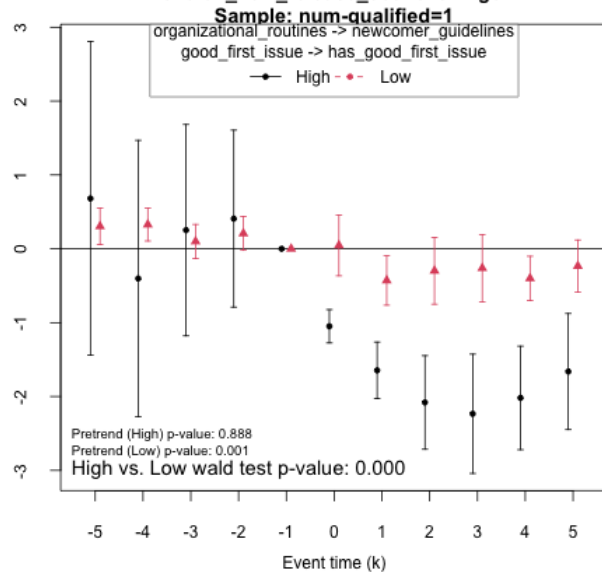
Low



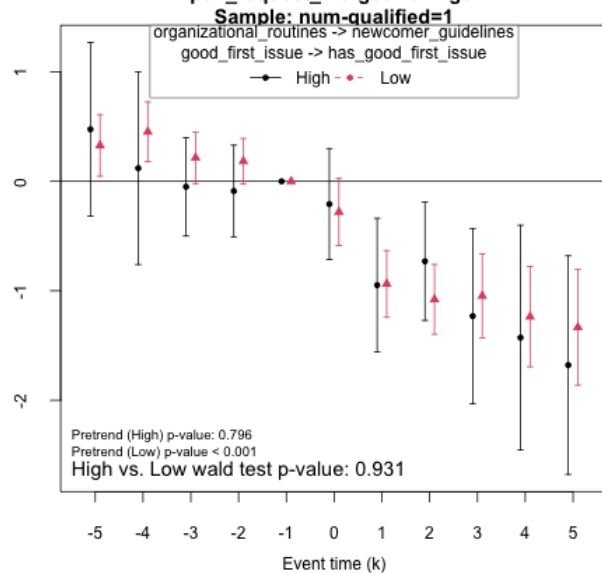
major_minor_release_count rolling5



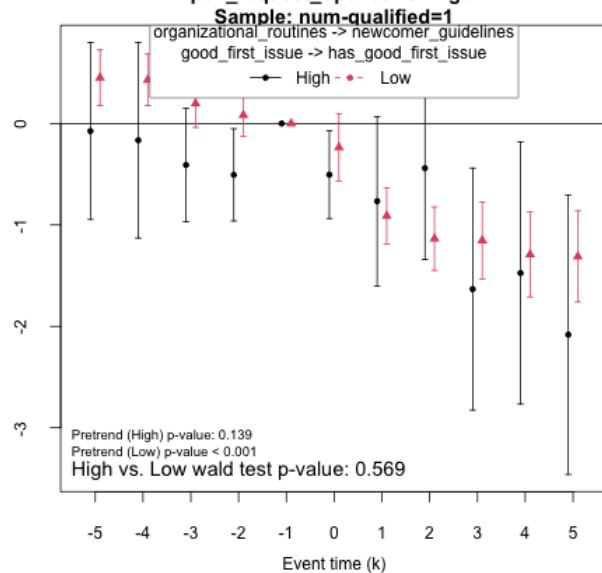
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

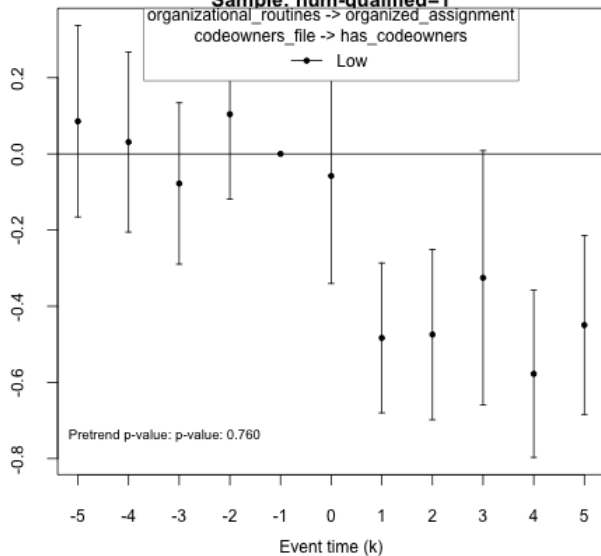


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—•— Low

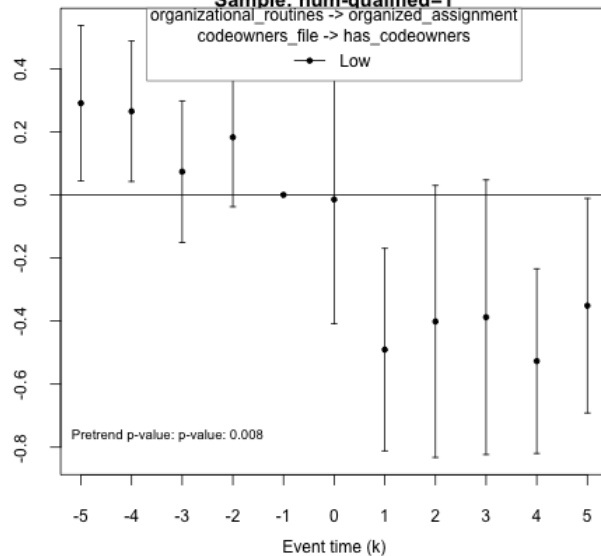


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—•— Low

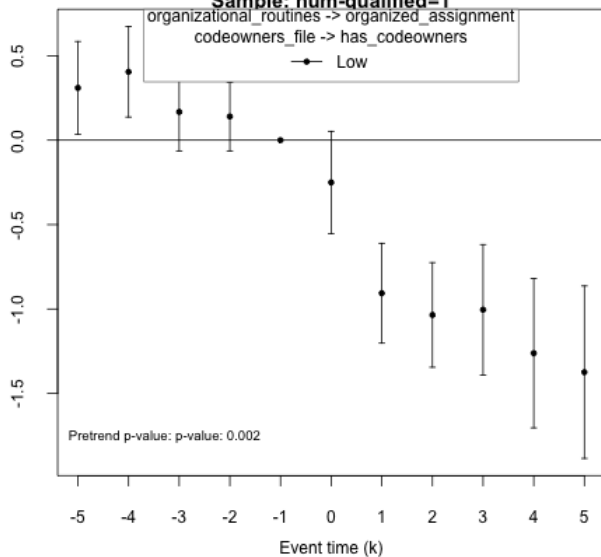


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—•— Low

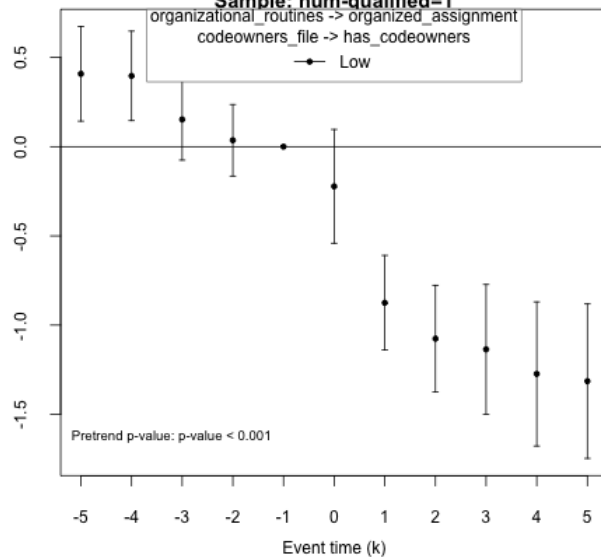


pull_request_opened rolling5

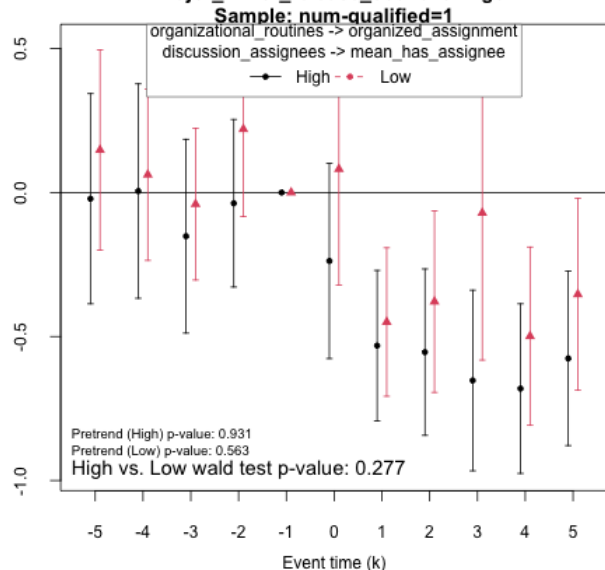
Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

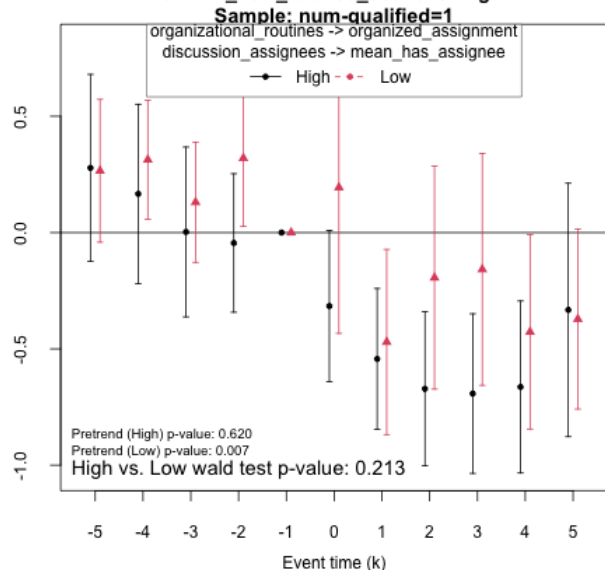
—•— Low



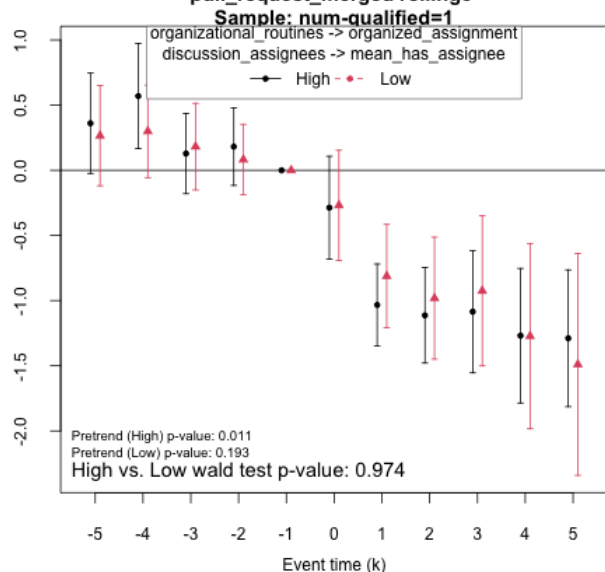
major_minor_release_count rolling5



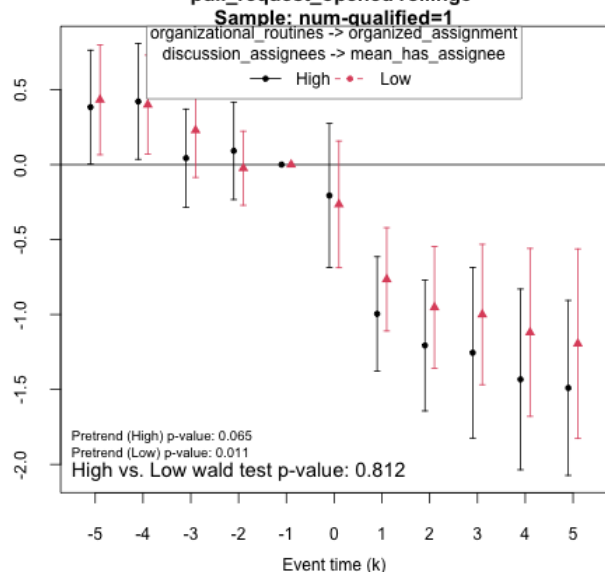
overall_new_release_count rolling5



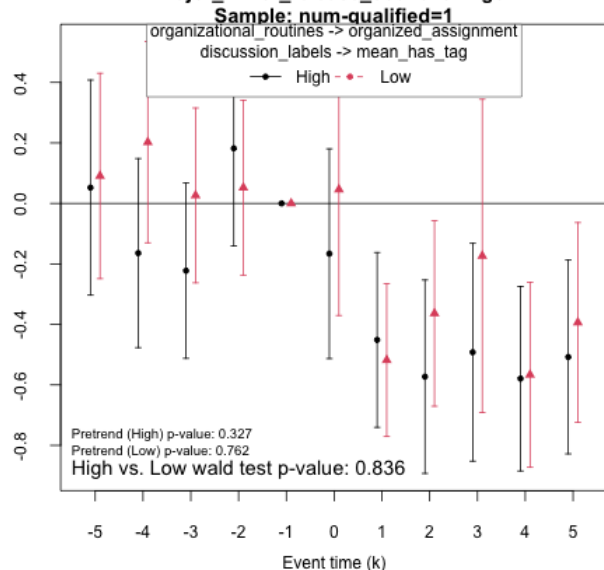
pull_request_merged rolling5



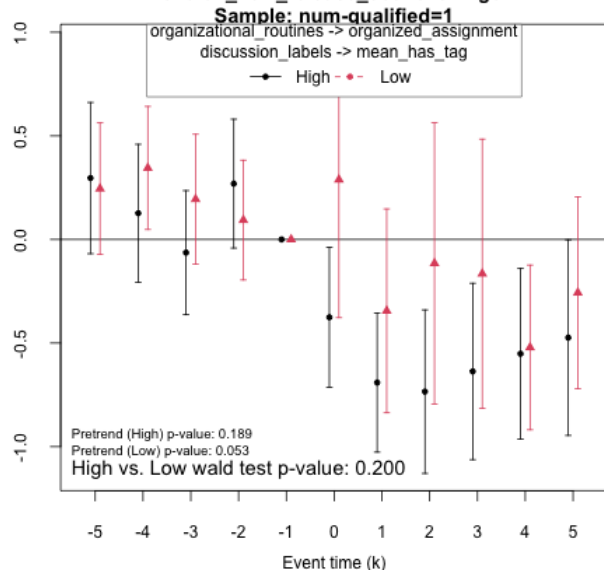
pull_request_opened rolling5



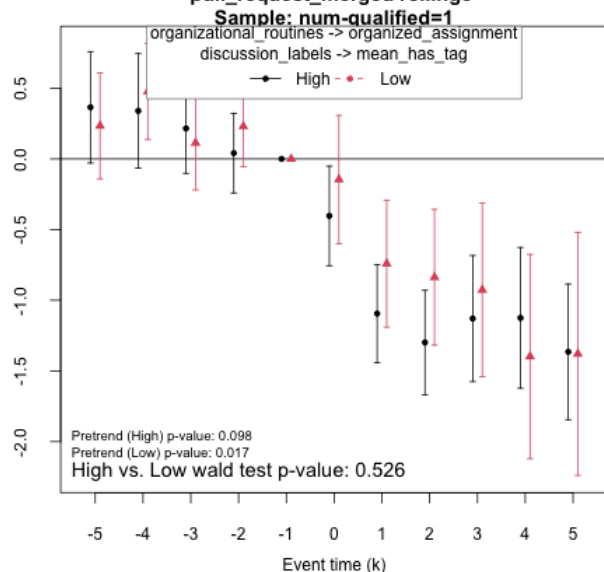
major_minor_release_count rolling5



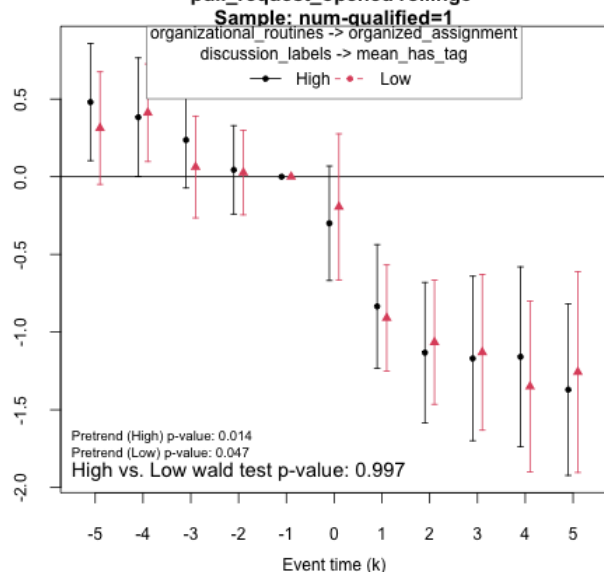
overall_new_release_count rolling5



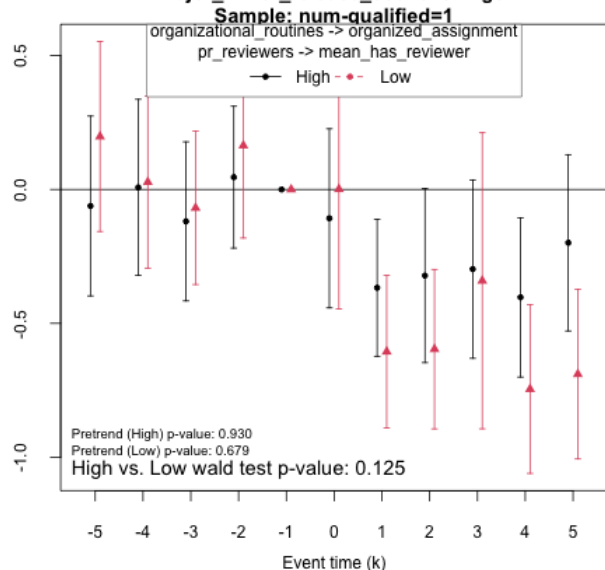
pull_request_merged rolling5



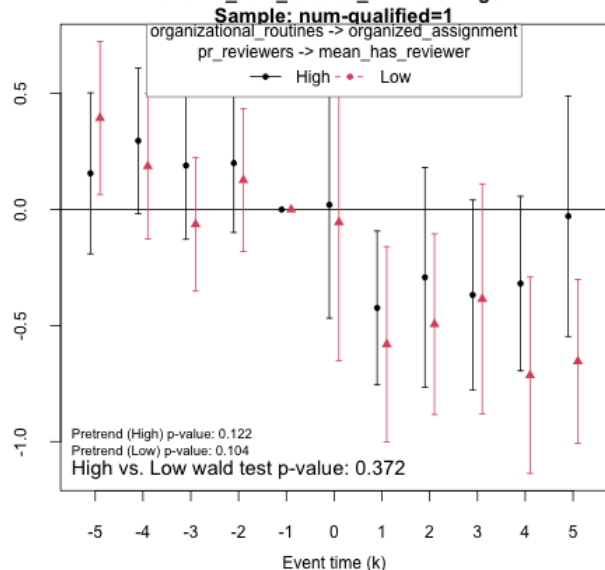
pull_request_opened rolling5



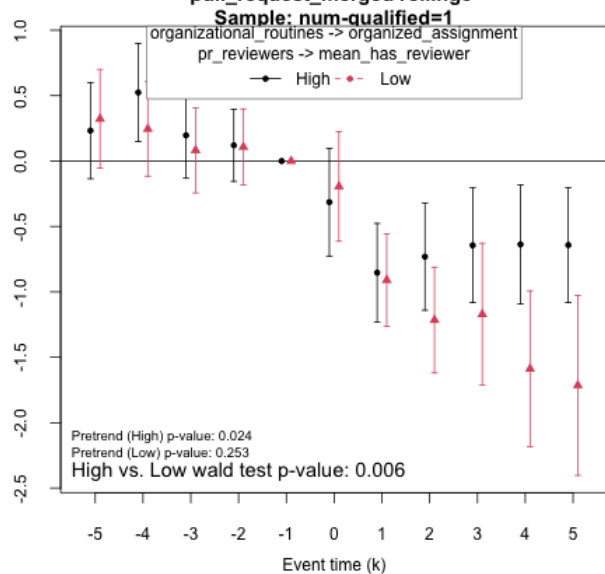
major_minor_release_count rolling5



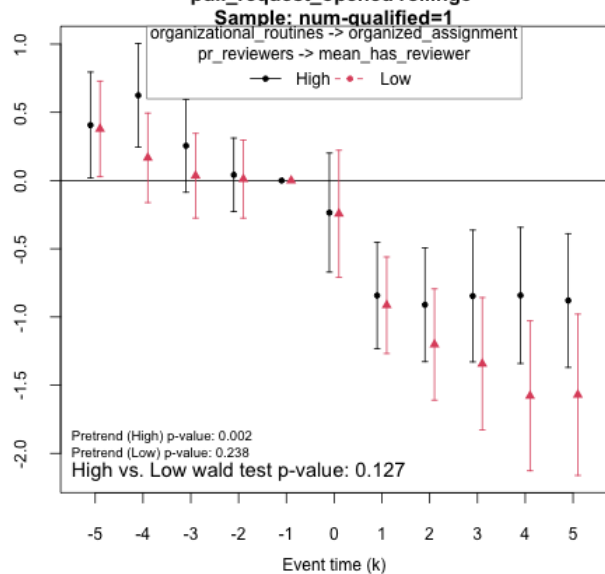
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

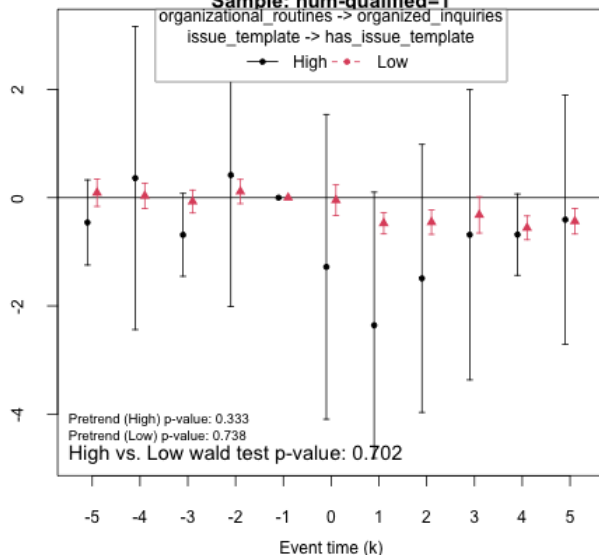


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

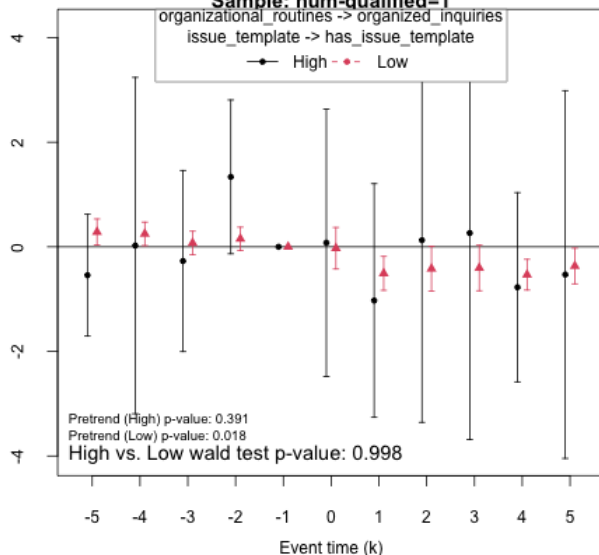


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

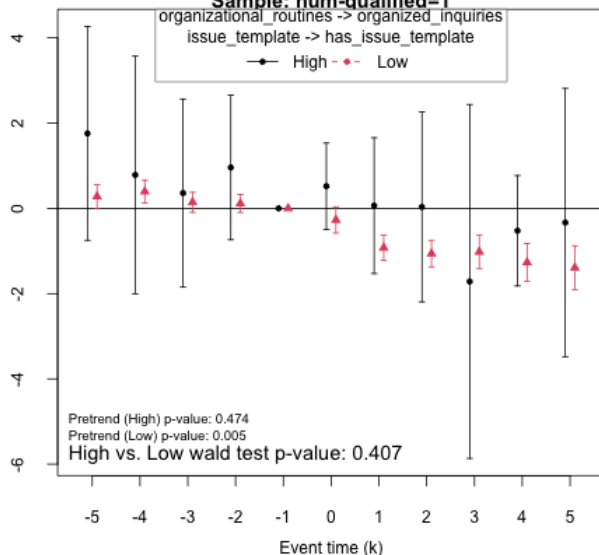


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

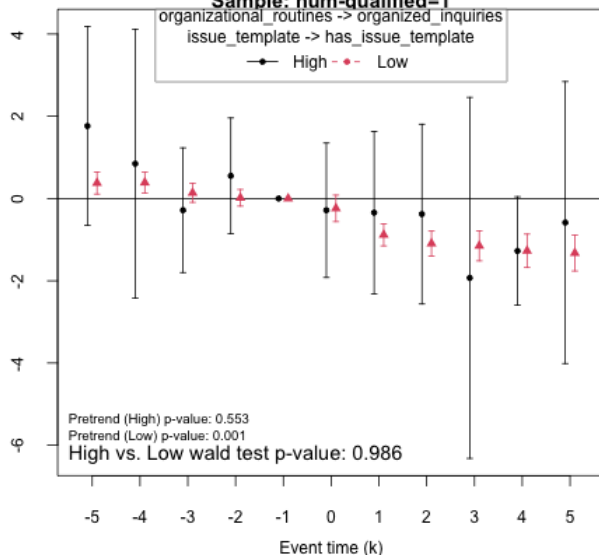


pull_request_opened rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

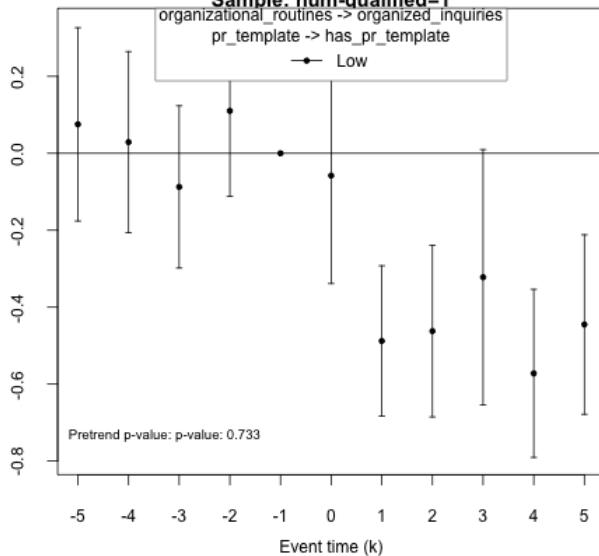


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
pr_template -> has_pr_template

—●— Low

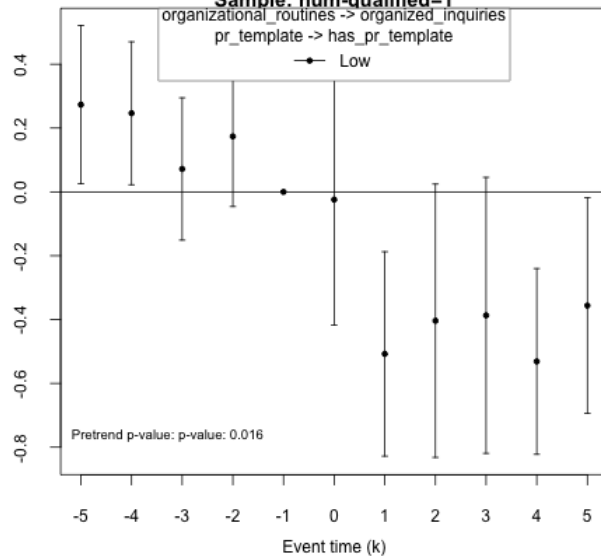


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
pr_template -> has_pr_template

—●— Low

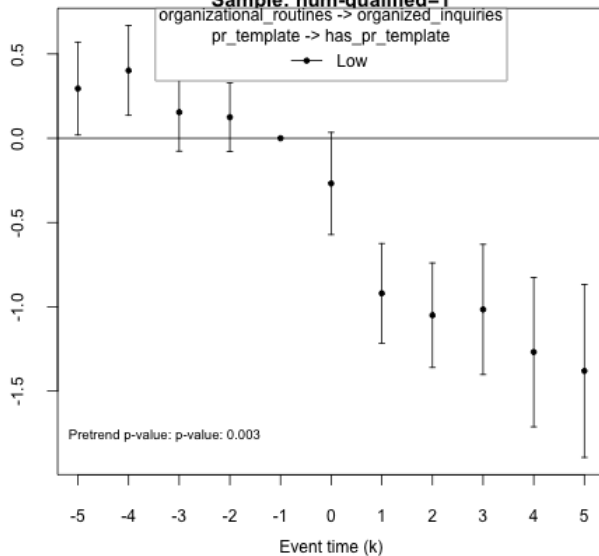


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
pr_template -> has_pr_template

—●— Low

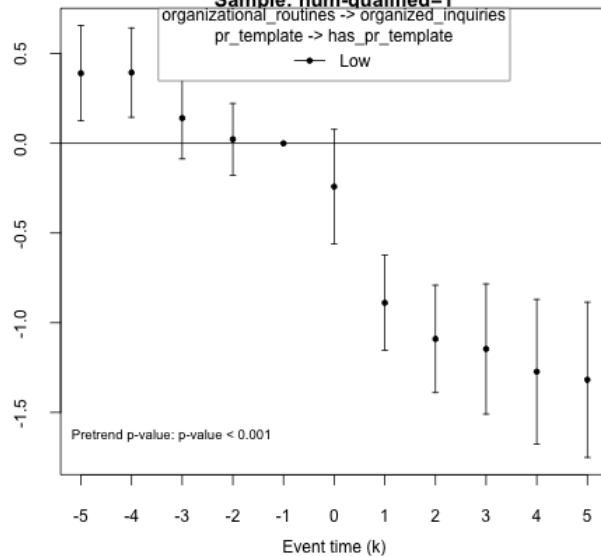


pull_request_opened rolling5

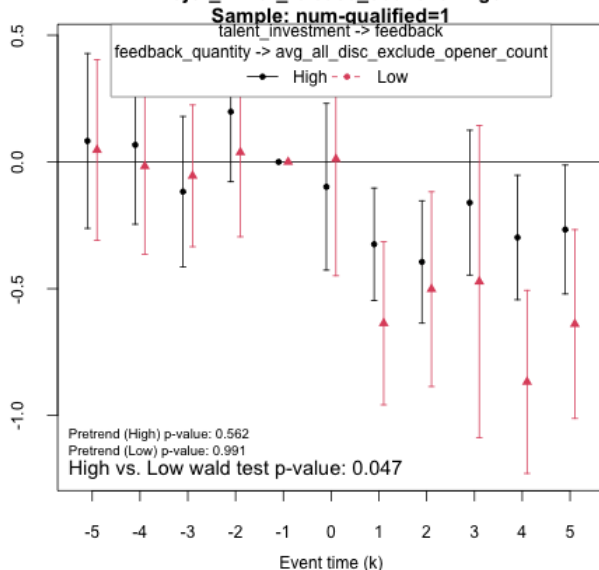
Sample: num-qualified=1

organizational_routines -> organized_inquiries
pr_template -> has_pr_template

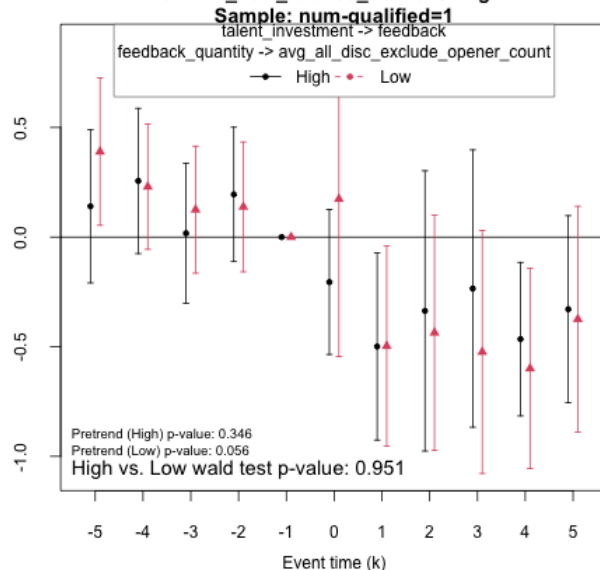
—●— Low



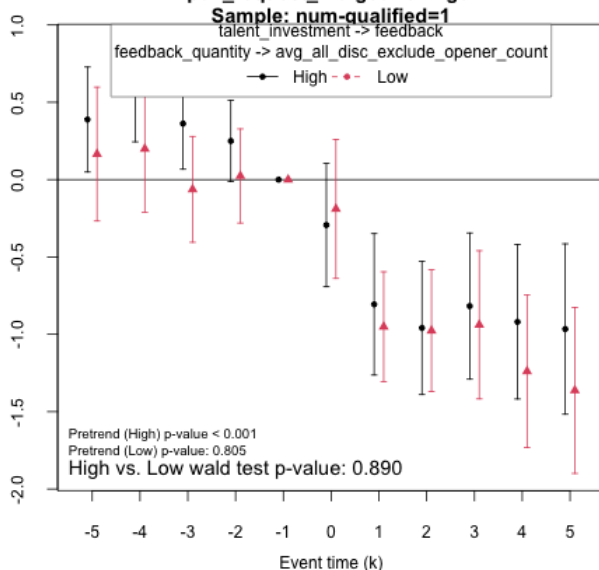
major_minor_release_count rolling5



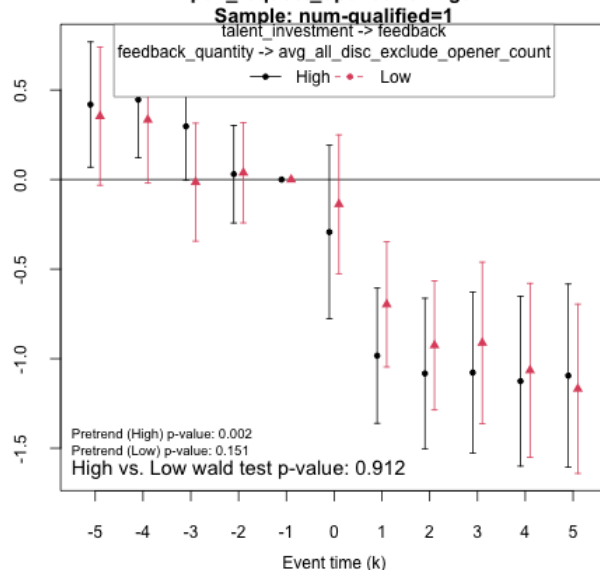
overall_new_release_count rolling5



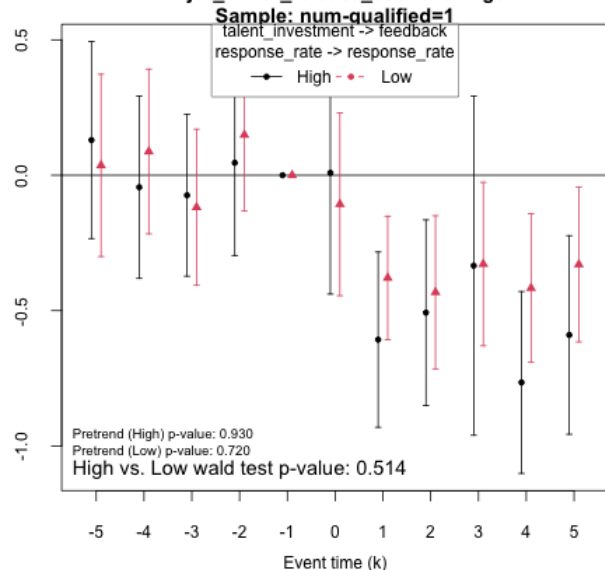
pull_request_merged rolling5



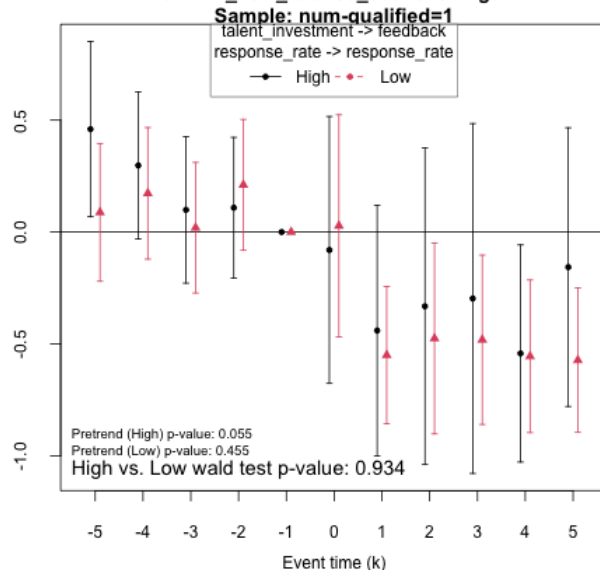
pull_request_opened rolling5



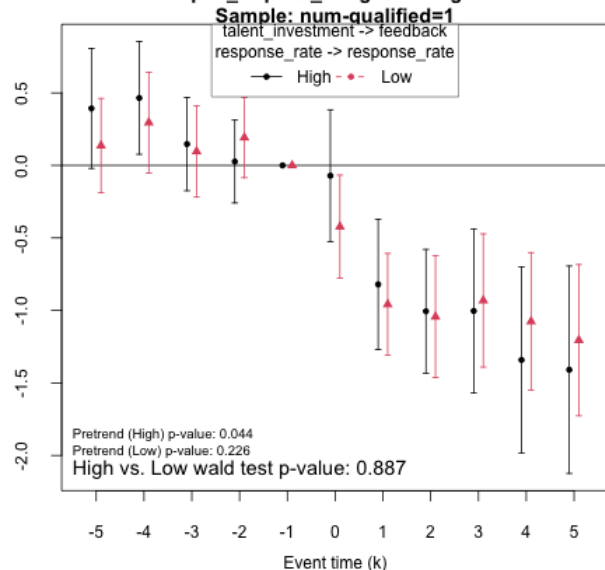
major_minor_release_count rolling5



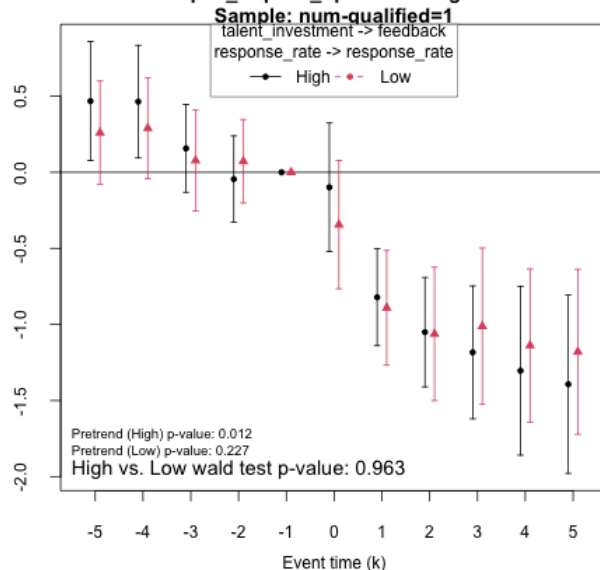
overall_new_release_count rolling5



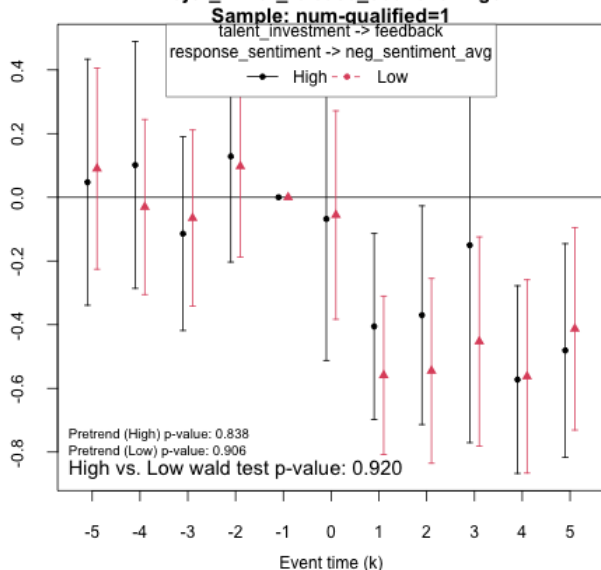
pull_request_merged rolling5



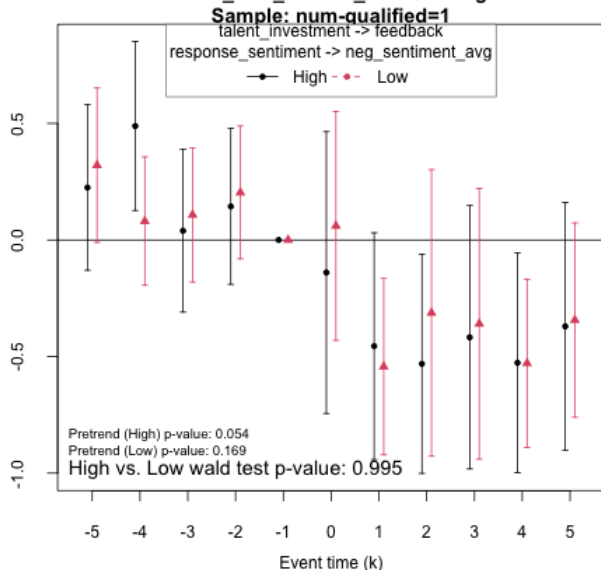
pull_request_opened rolling5



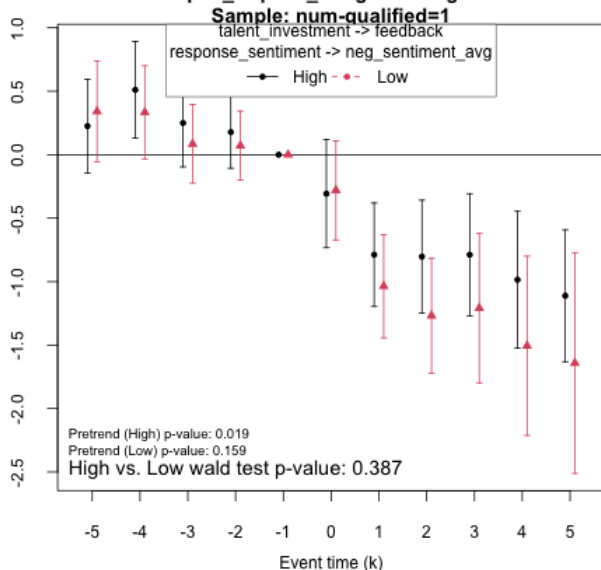
major_minor_release_count rolling5



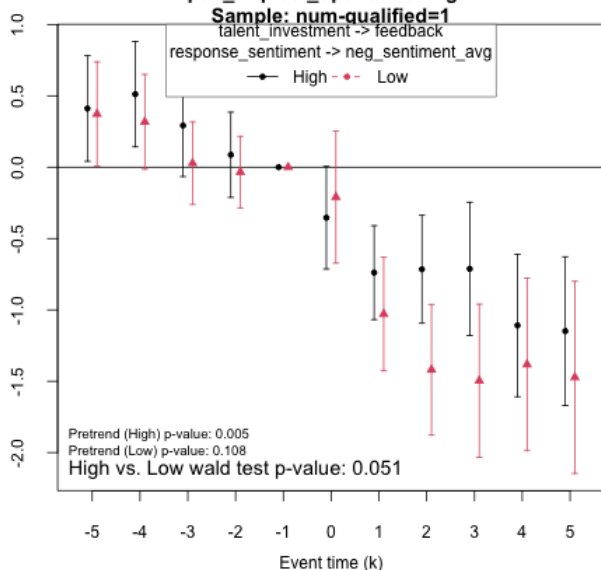
overall_new_release_count rolling5



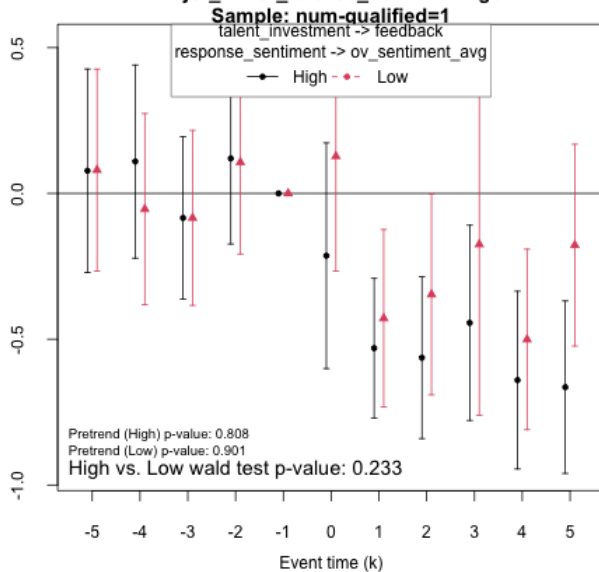
pull_request_merged rolling5



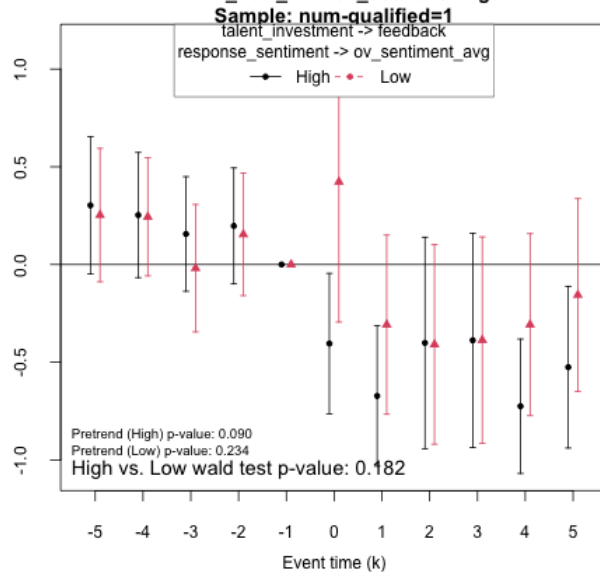
pull_request_opened rolling5



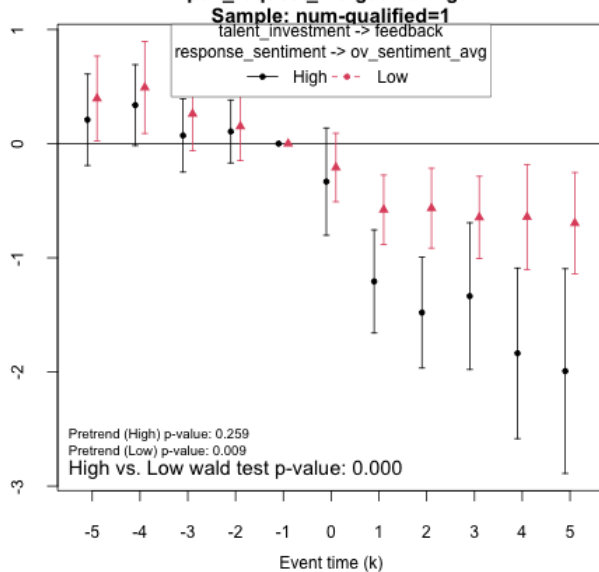
major_minor_release_count rolling5



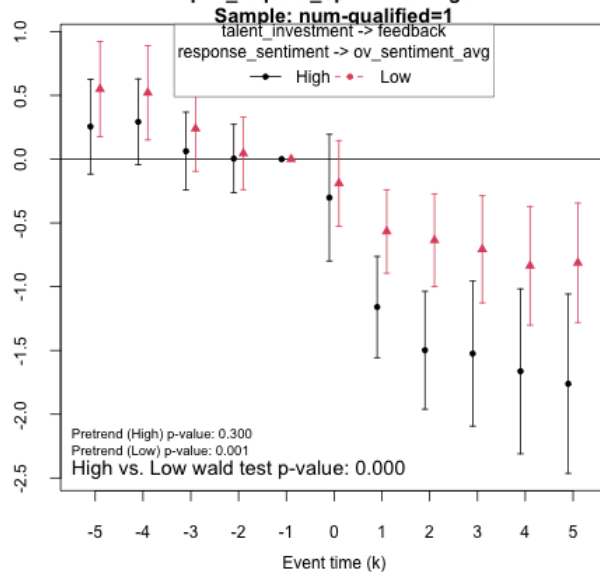
overall_new_release_count rolling5



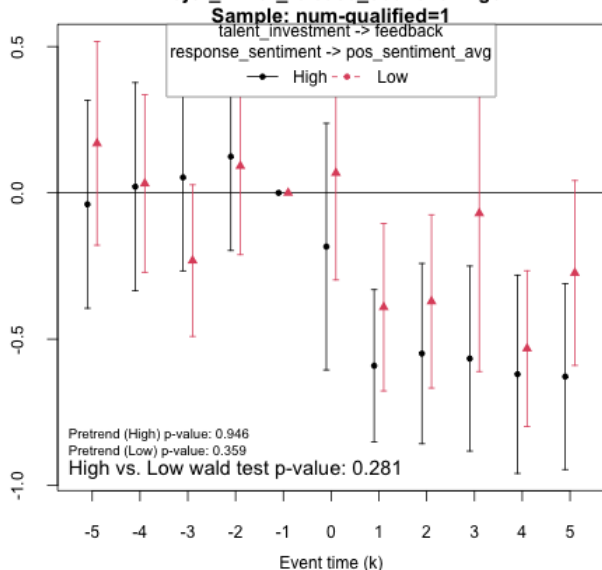
pull_request_merged rolling5



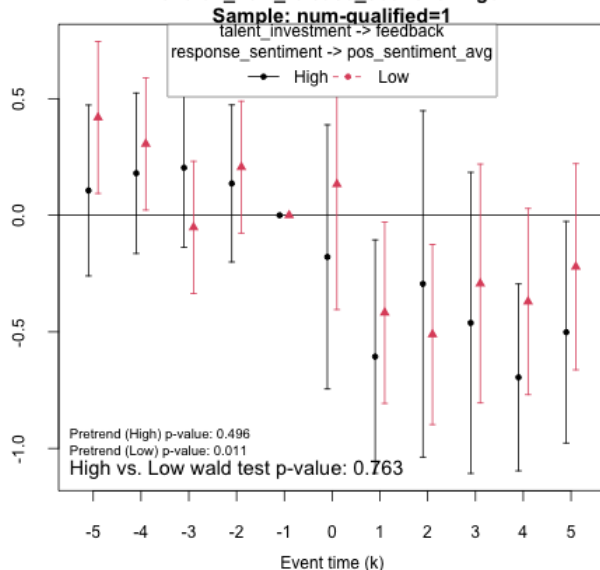
pull_request_opened rolling5



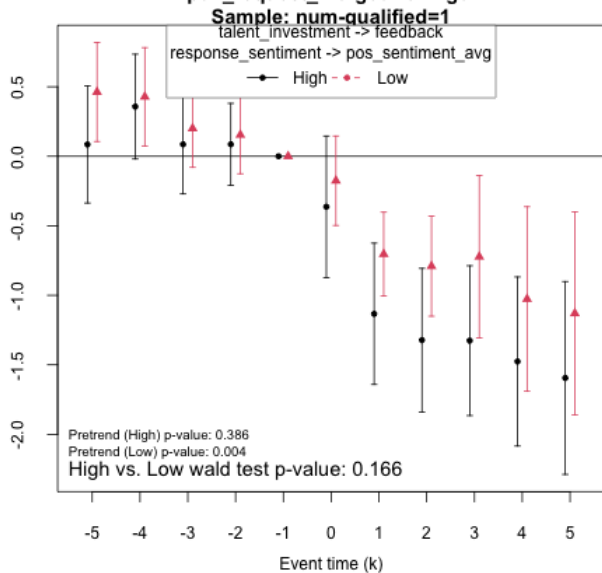
major_minor_release_count rolling5



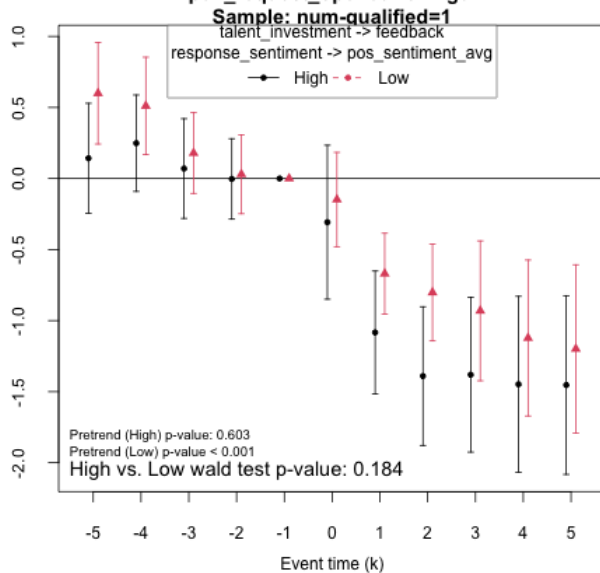
overall_new_release_count rolling5



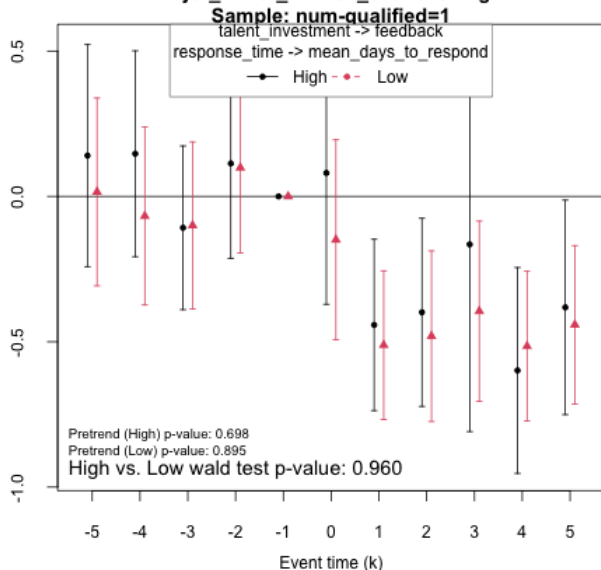
pull_request_merged rolling5



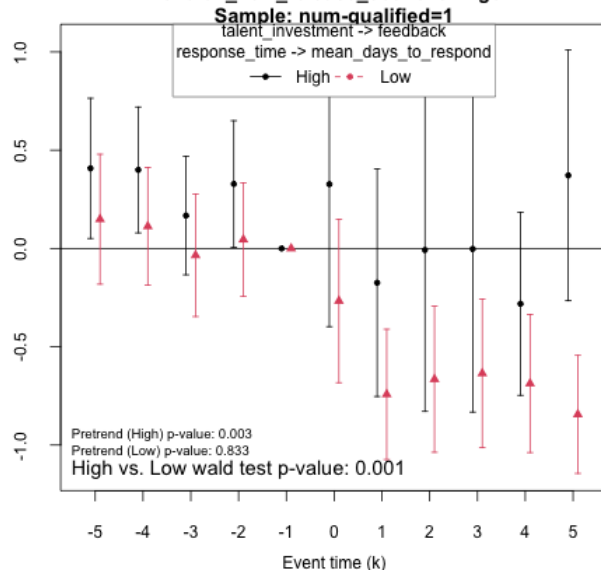
pull_request_opened rolling5



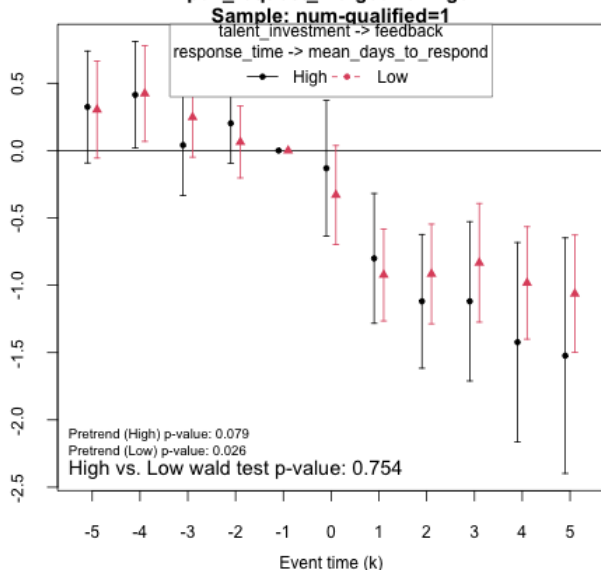
major_minor_release_count rolling5



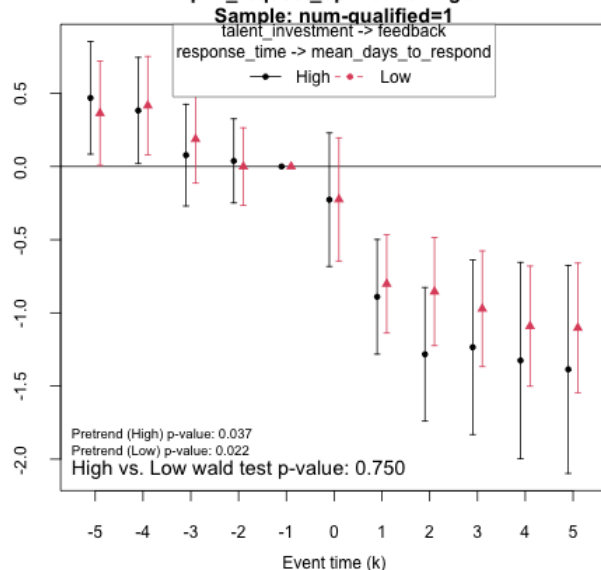
overall_new_release_count rolling5



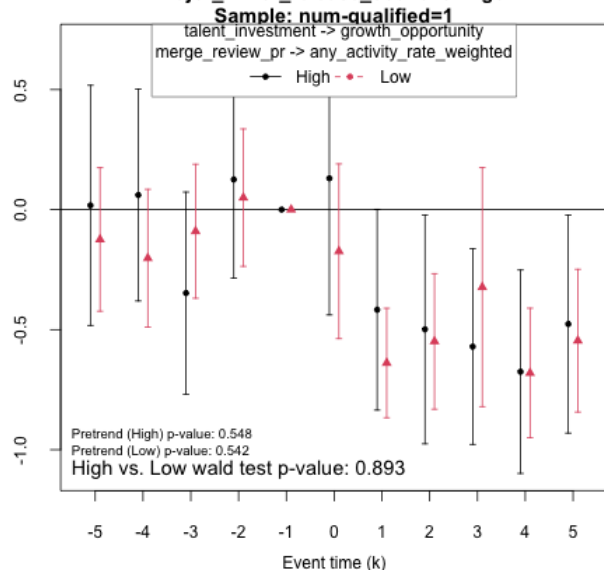
pull_request_merged rolling5



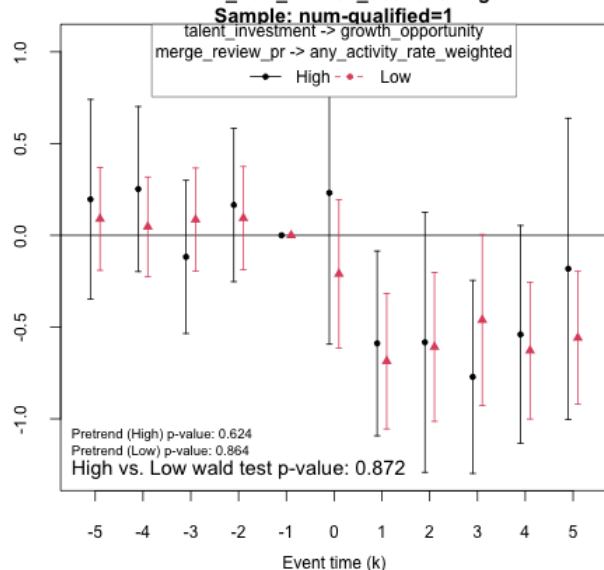
pull_request_opened rolling5



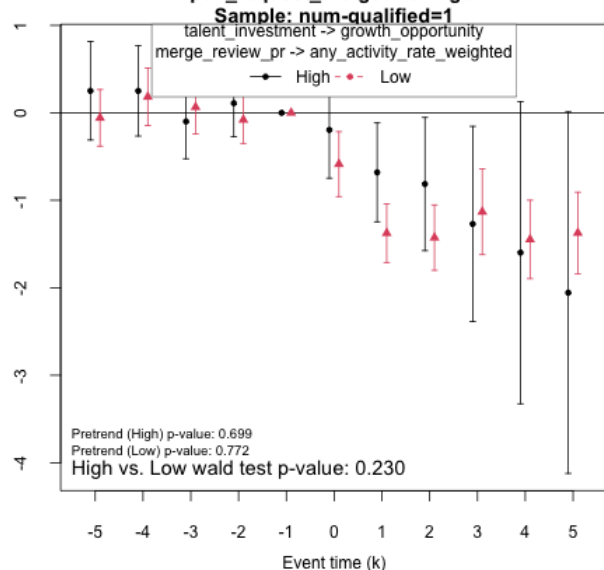
major_minor_release_count rolling5



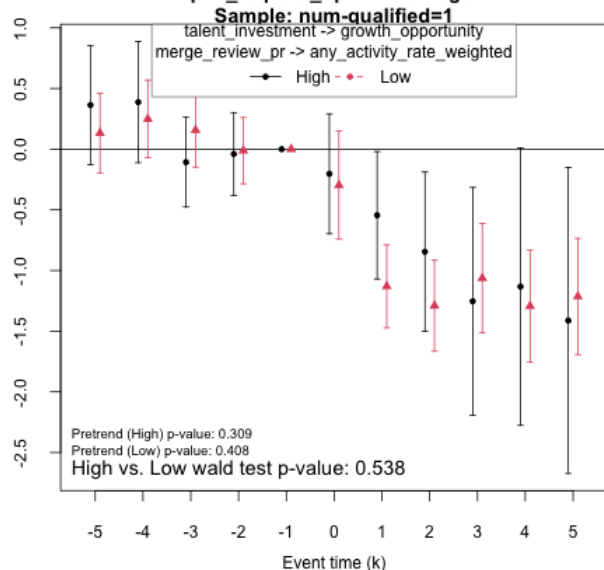
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



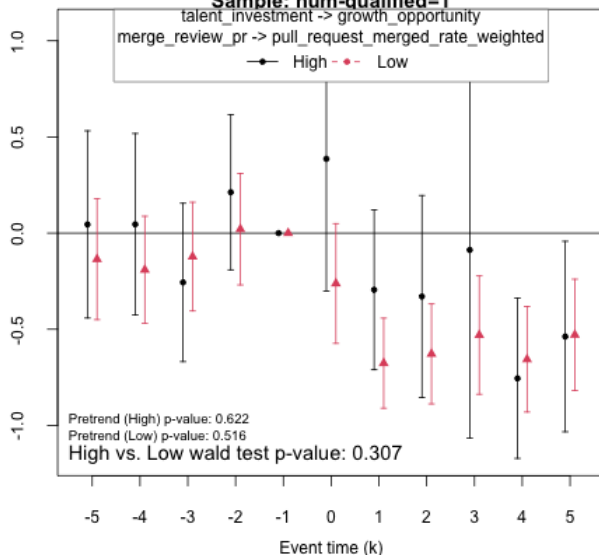
major_minor_release_count rolling5

Sample: num-qualified=1

talent_investment-> growth_opportunity

merge_review_pr-> pull_request_merged_rate_weighted

● High - ● Low



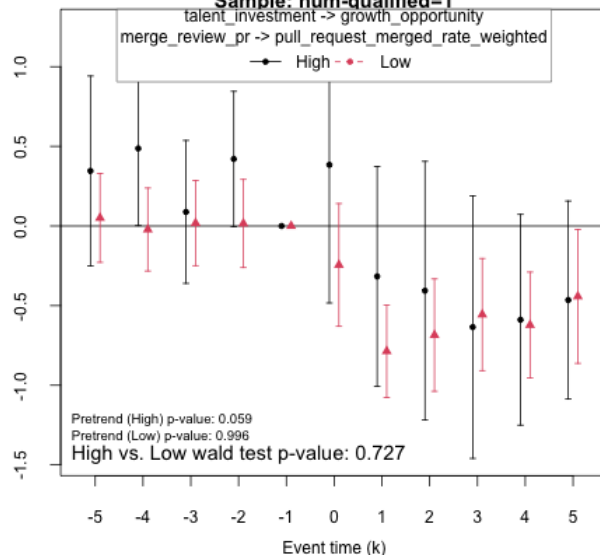
overall_new_release_count rolling5

Sample: num-qualified=1

talent_investment-> growth_opportunity

merge_review_pr-> pull_request_merged_rate_weighted

● High - ● Low



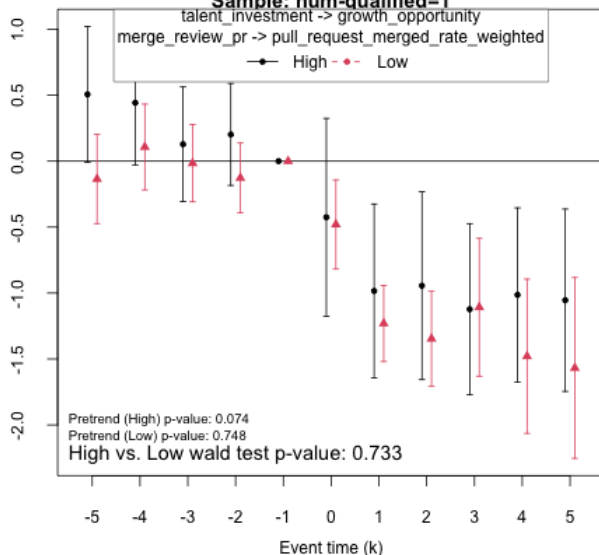
pull_request_merged rolling5

Sample: num-qualified=1

talent_investment-> growth_opportunity

merge_review_pr-> pull_request_merged_rate_weighted

● High - ● Low



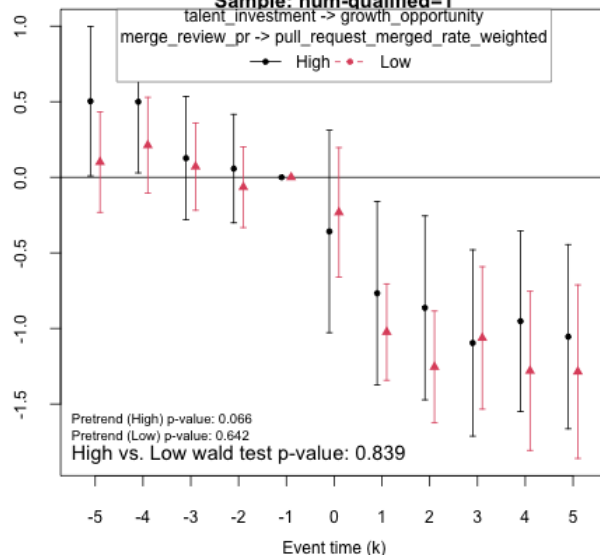
pull_request_opened rolling5

Sample: num-qualified=1

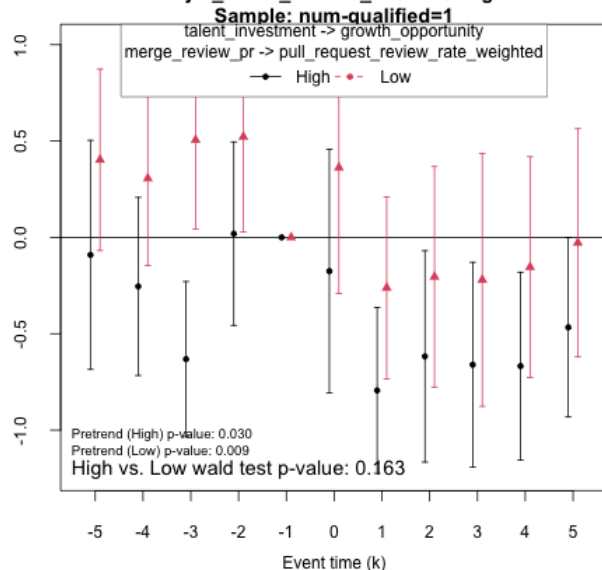
talent_investment-> growth_opportunity

merge_review_pr-> pull_request_merged_rate_weighted

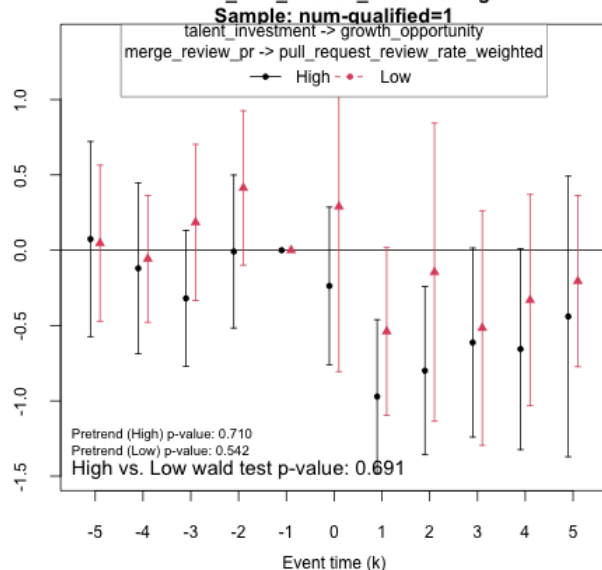
● High - ● Low



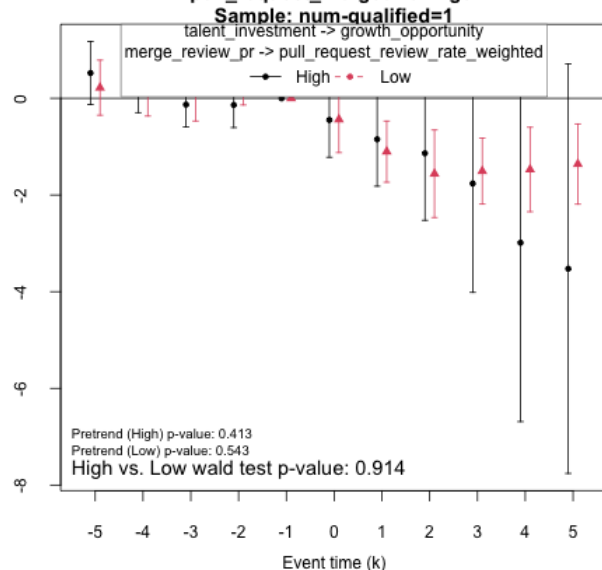
major_minor_release_count rolling5



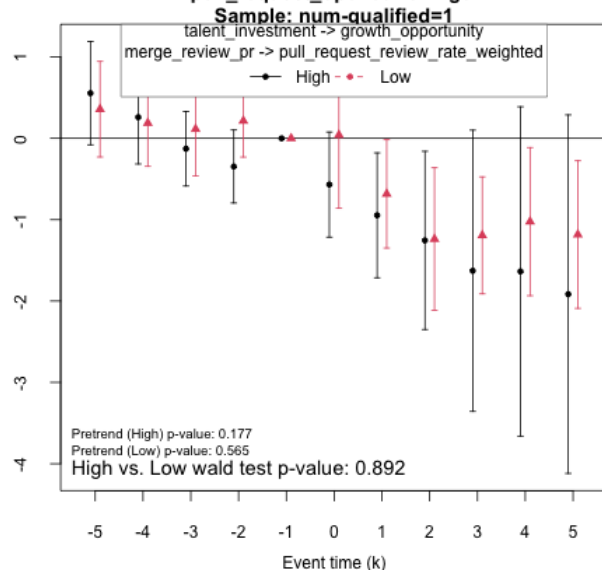
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



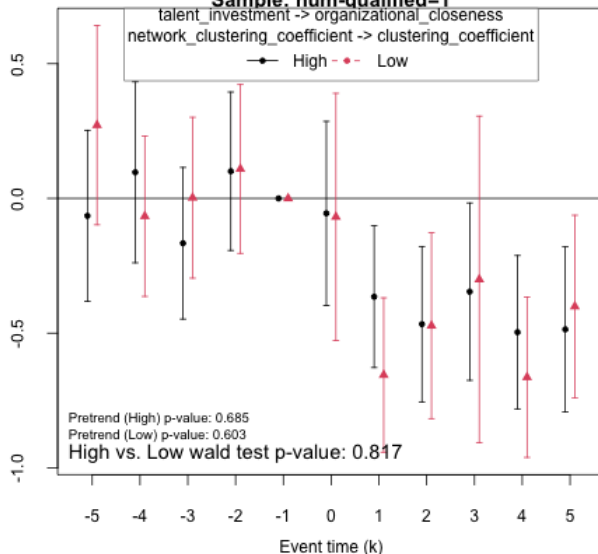
major_minor_release_count rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness

network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low



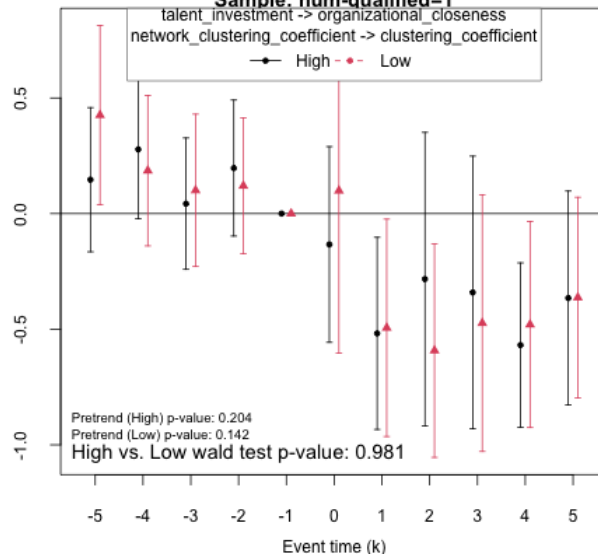
overall_new_release_count rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness

network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low



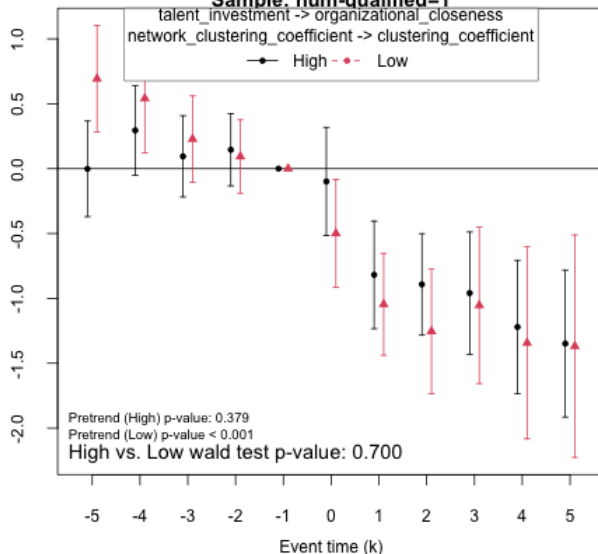
pull_request_merged rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness

network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low



pull_request_opened rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness

network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low

