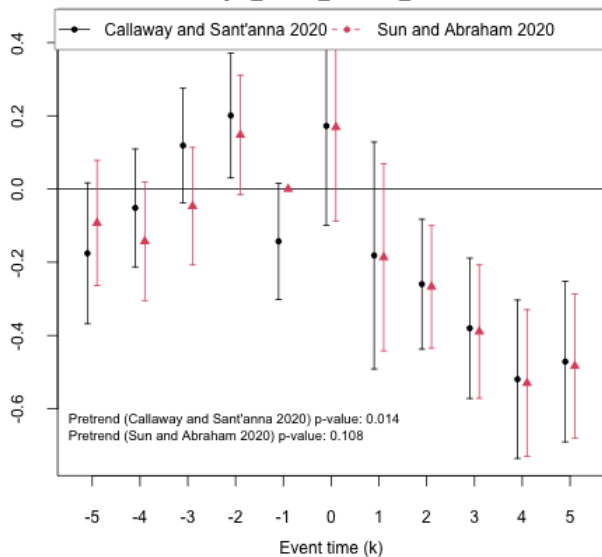
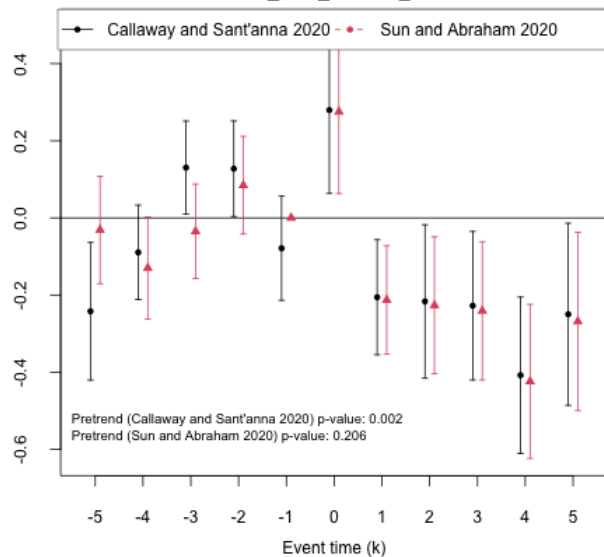


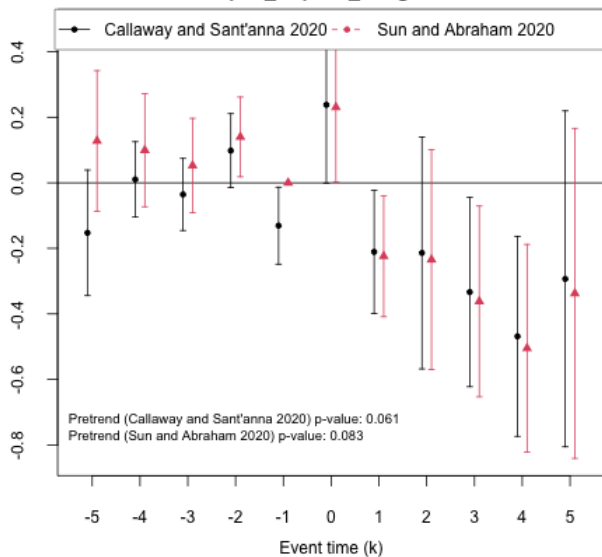
major_minor_release_count



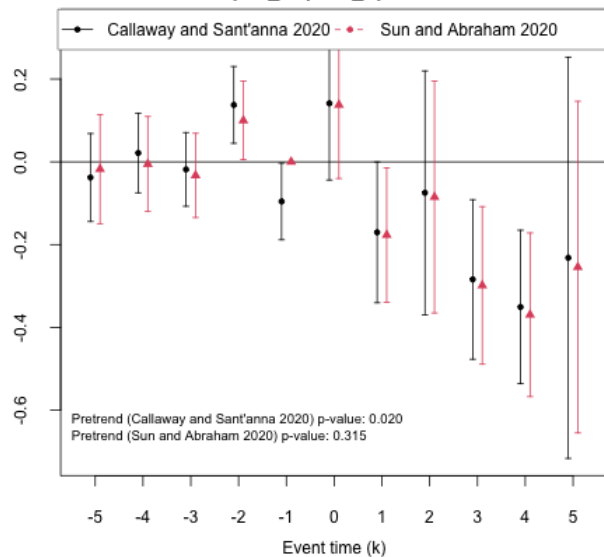
overall_new_release_count



pull_request_merged



pull_request_opened

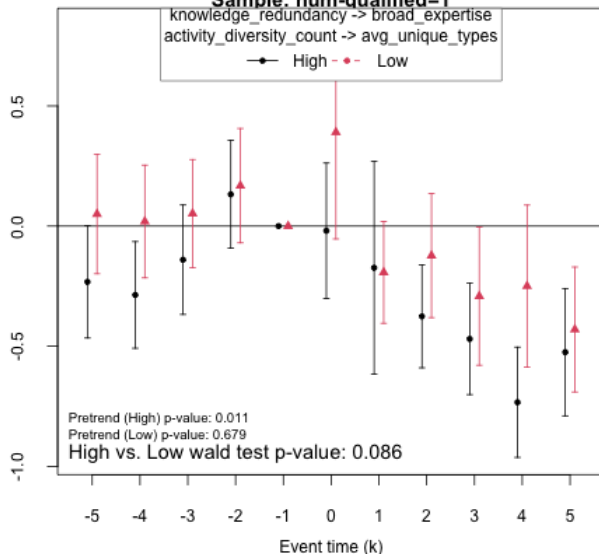


major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

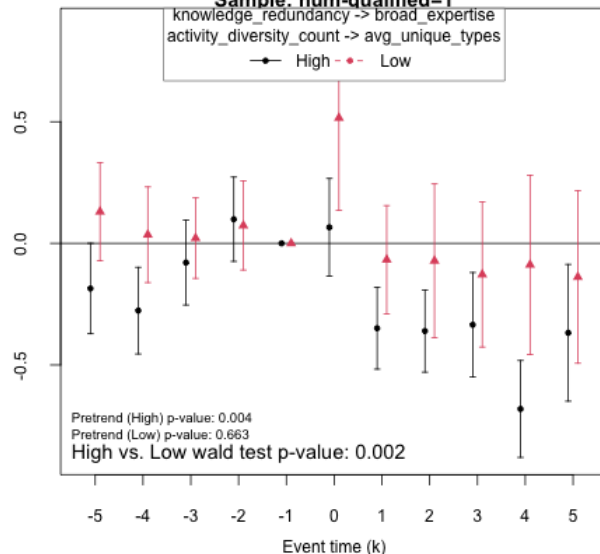


overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

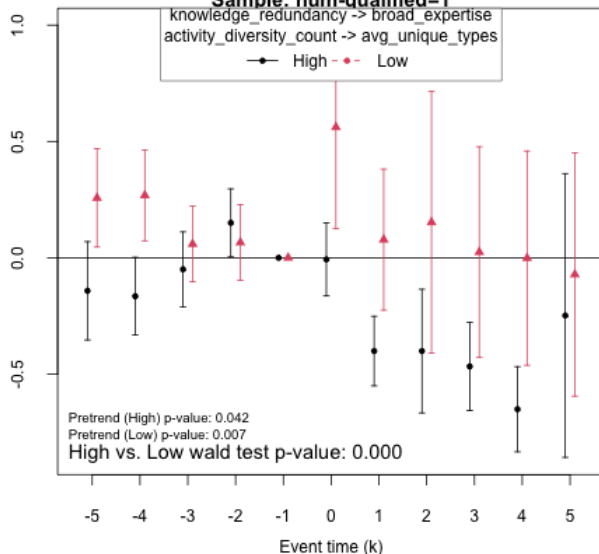


pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low

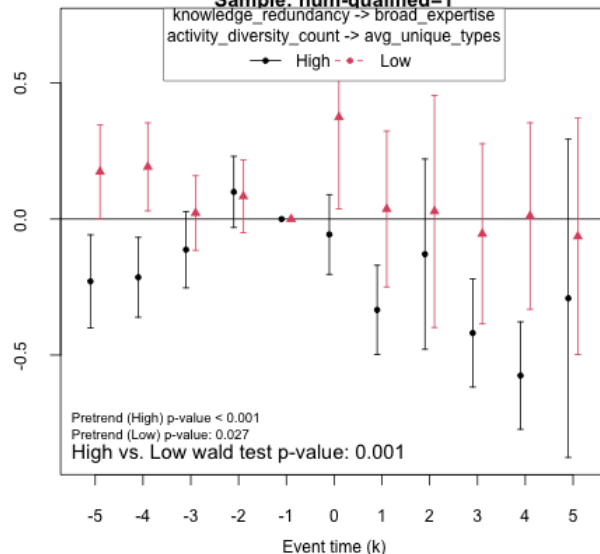


pull_request_opened rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types

—●— High —●— Low



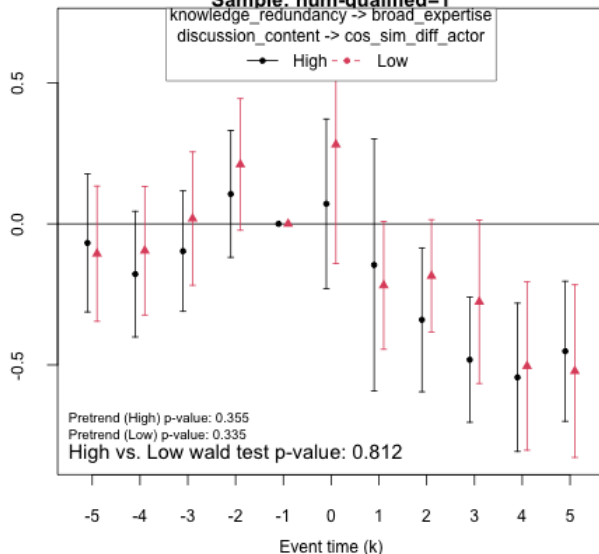
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

discussion_content -> cos_sim_diff_actor

—●— High —●— Low



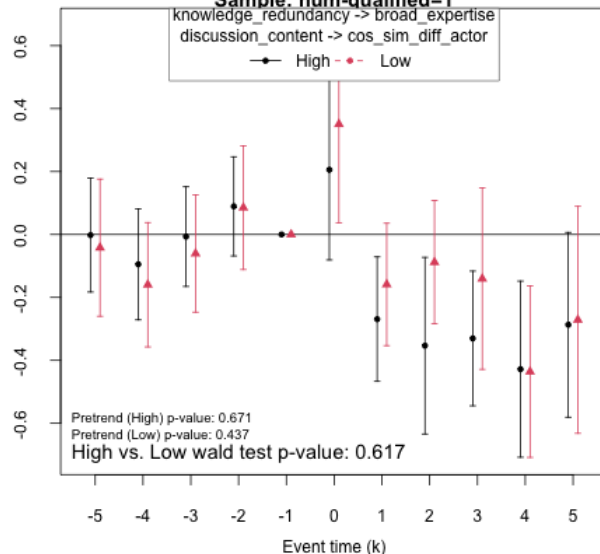
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

discussion_content -> cos_sim_diff_actor

—●— High —●— Low



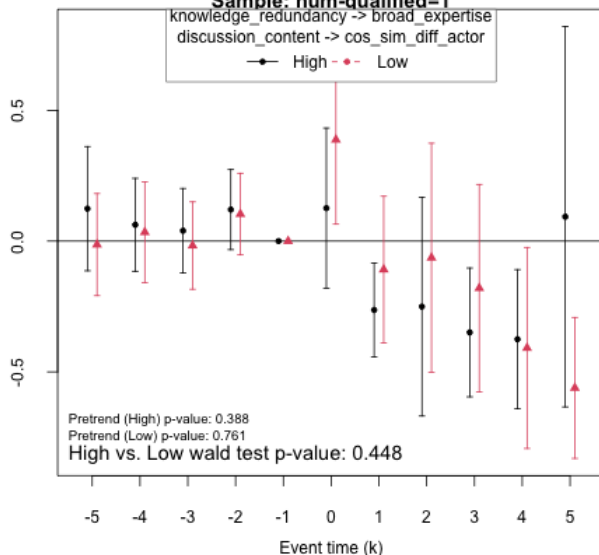
pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

discussion_content -> cos_sim_diff_actor

—●— High —●— Low



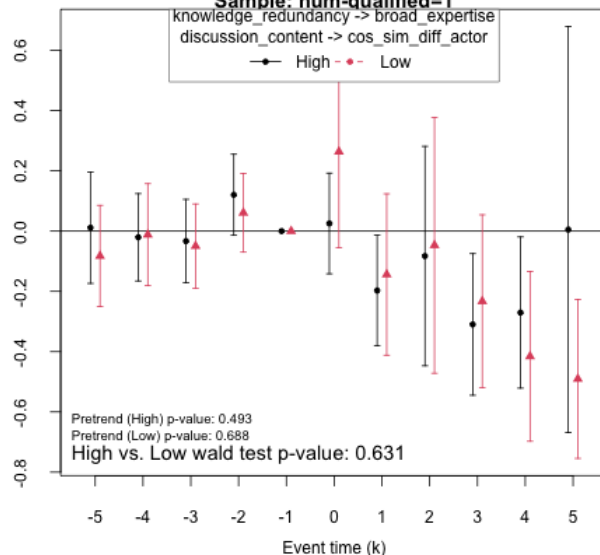
pull_request_opened rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

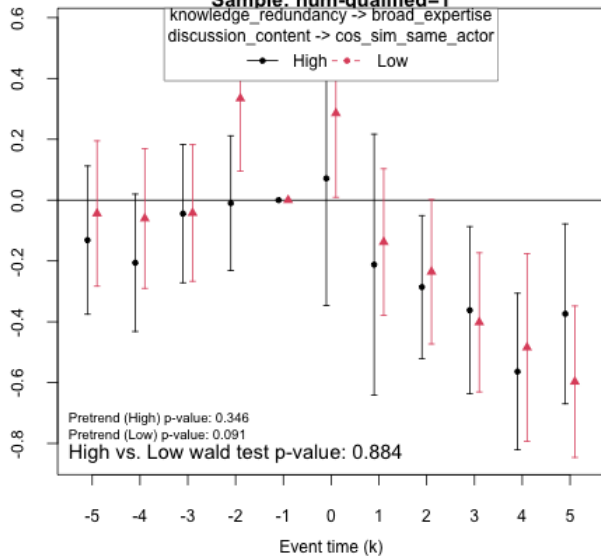
discussion_content -> cos_sim_diff_actor

—●— High —●— Low



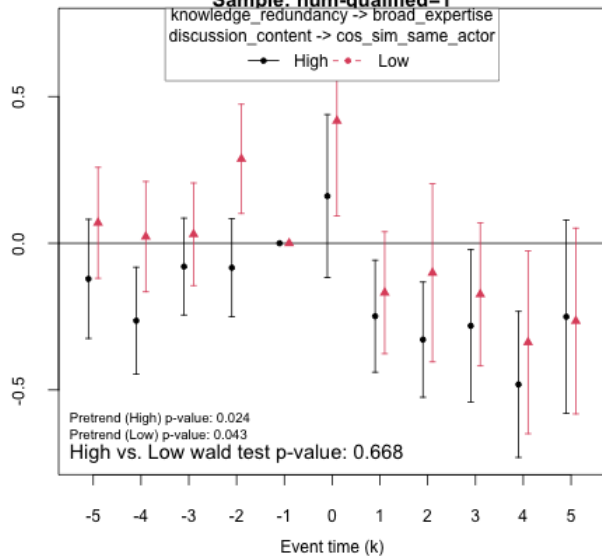
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
—●— High —●— Low

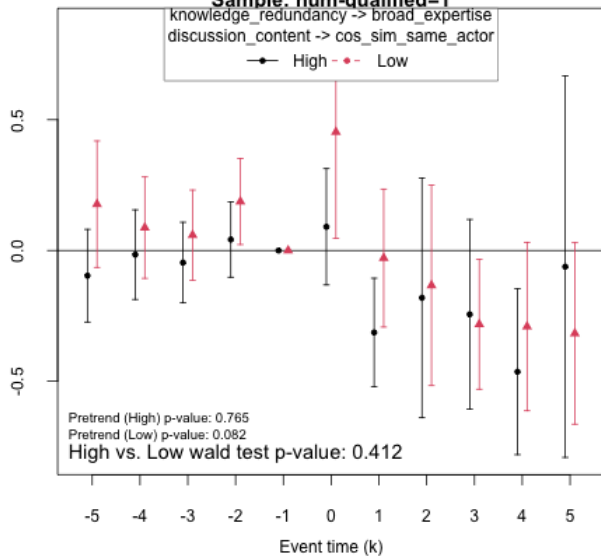
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
—●— High —●— Low

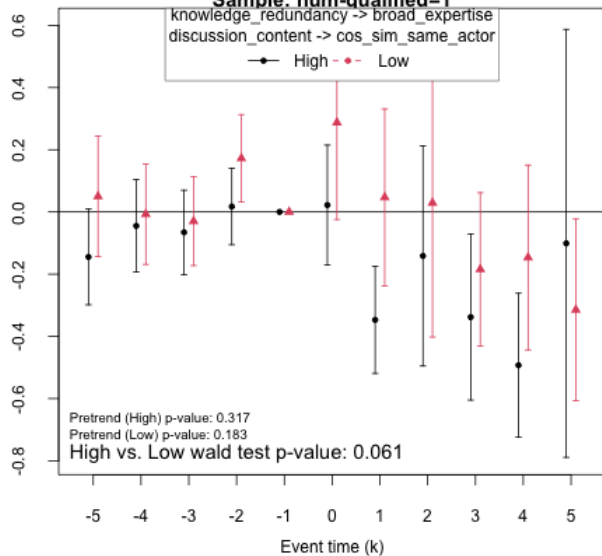
pull_request_merged rolling5

Sample: num-qualified=1

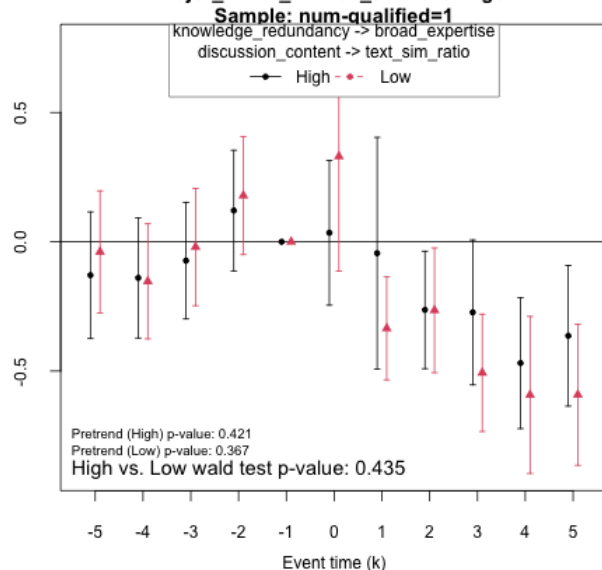
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
—●— High —●— Low

pull_request_opened rolling5

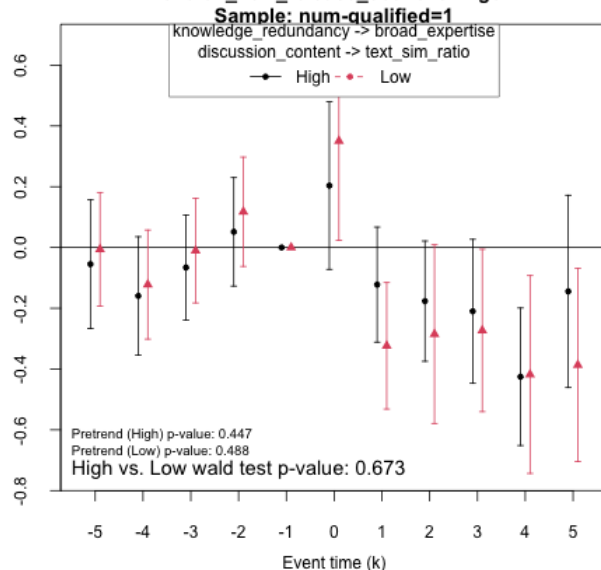
Sample: num-qualified=1

knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
—●— High —●— Low

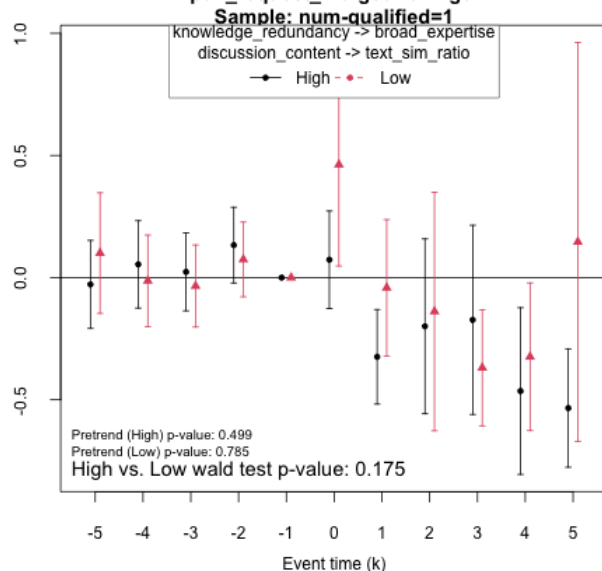
major_minor_release_count rolling5



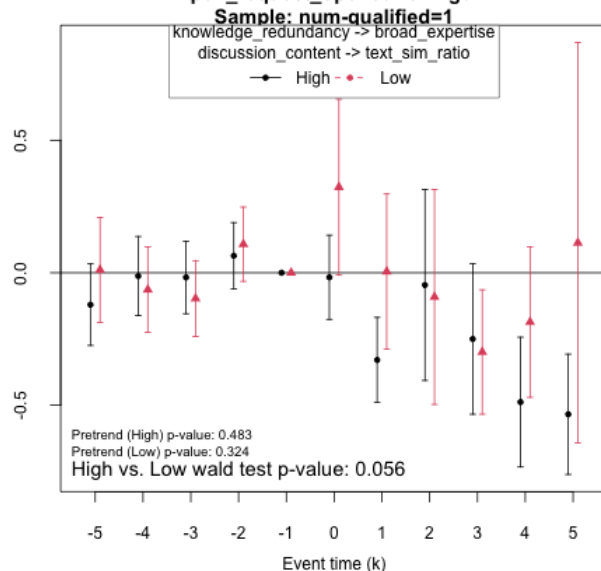
overall_new_release_count rolling5



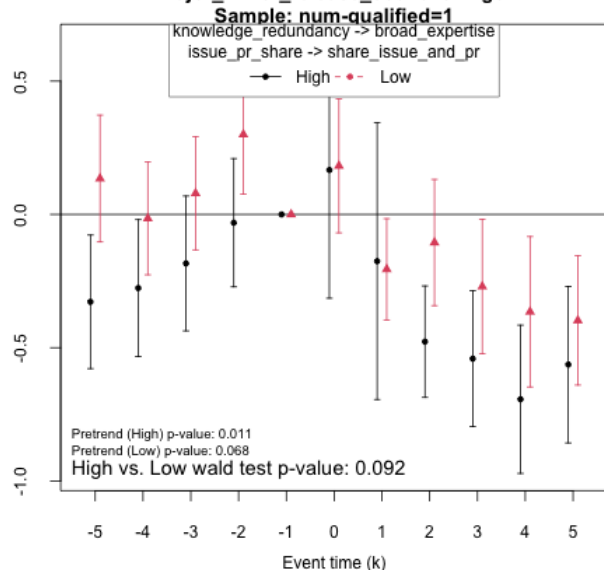
pull_request_merged rolling5



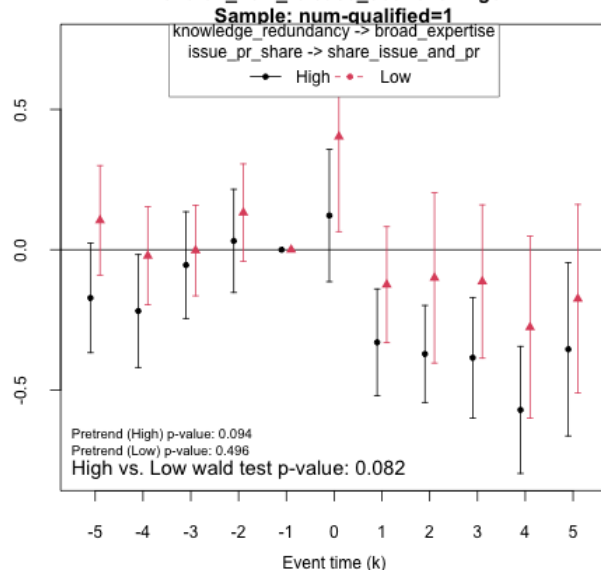
pull_request_opened rolling5



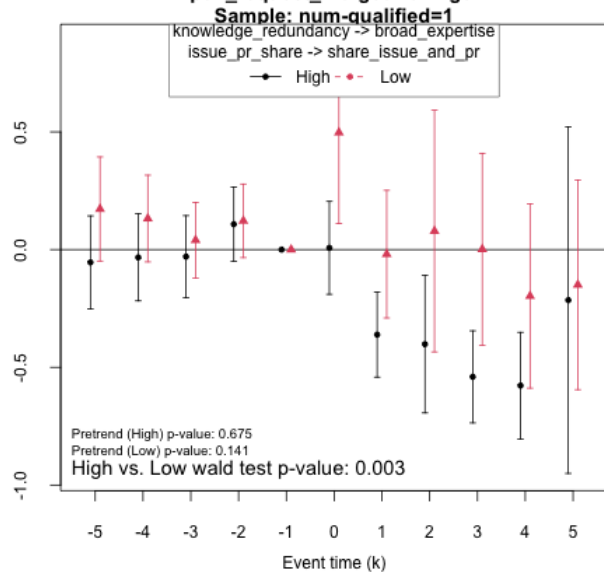
major_minor_release_count rolling5



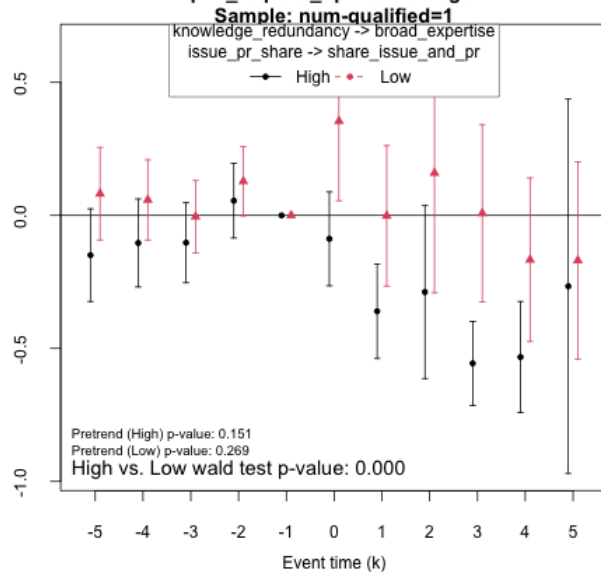
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



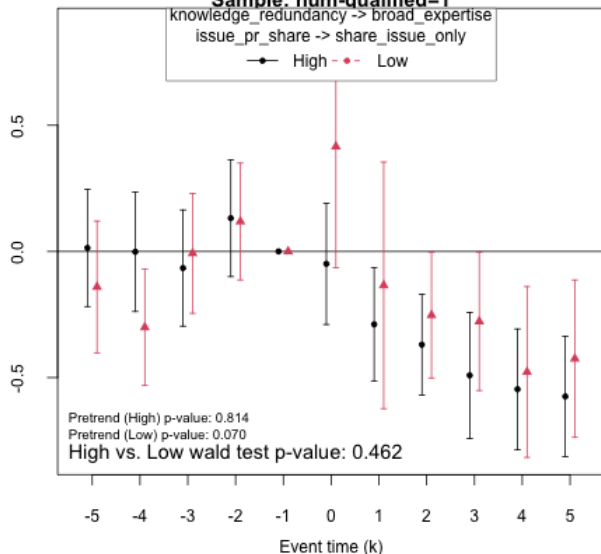
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

issue_pr_share -> share_issue_only

—●— High —●— Low



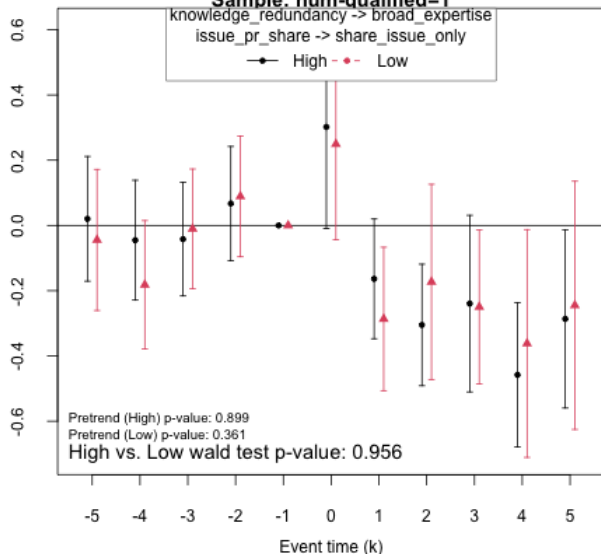
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

issue_pr_share -> share_issue_only

—●— High —●— Low



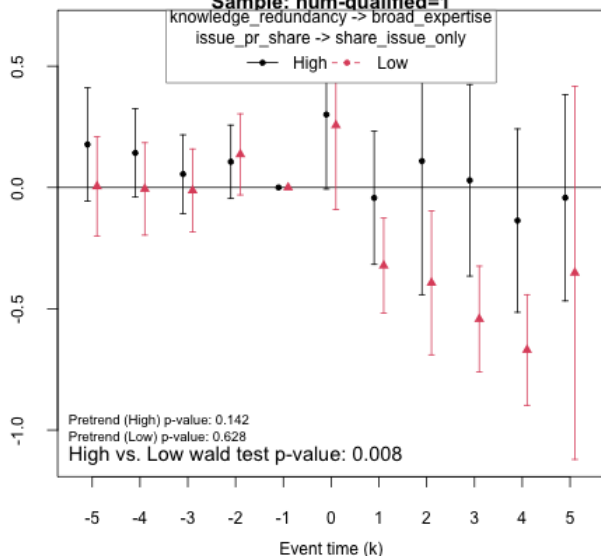
pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> broad_expertise

issue_pr_share -> share_issue_only

—●— High —●— Low



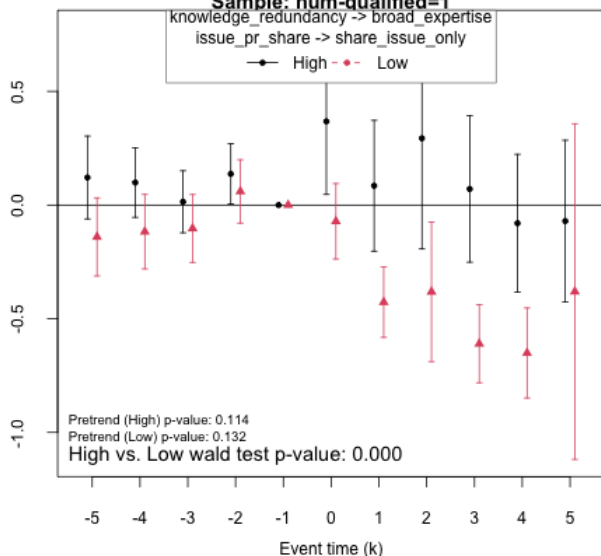
pull_request_opened rolling5

Sample: num-qualified=1

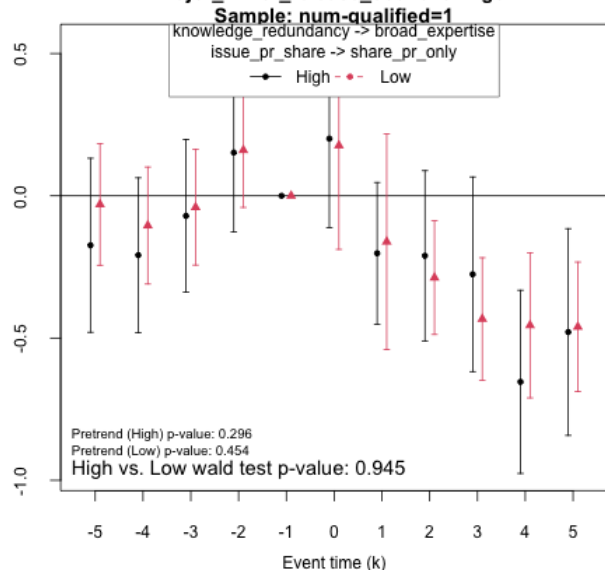
knowledge_redundancy -> broad_expertise

issue_pr_share -> share_issue_only

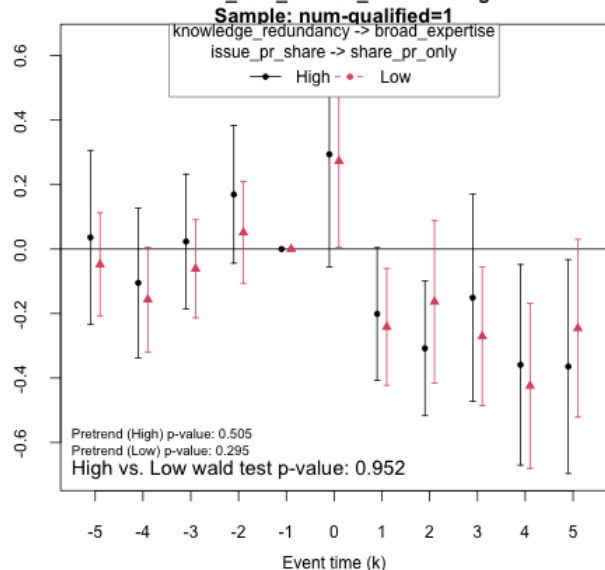
—●— High —●— Low



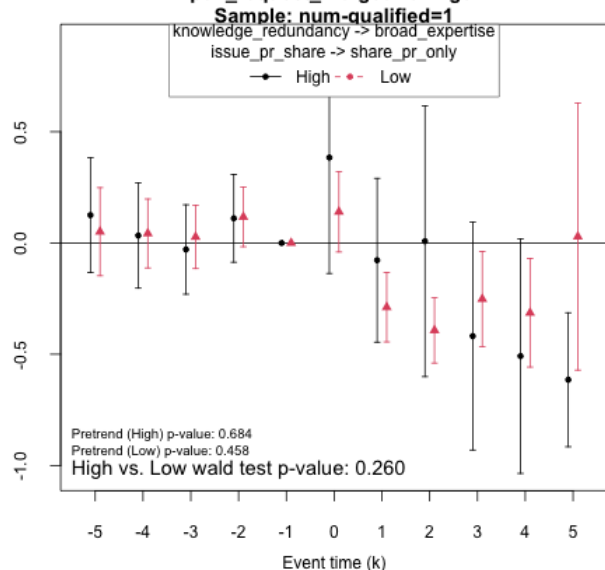
major_minor_release_count rolling5



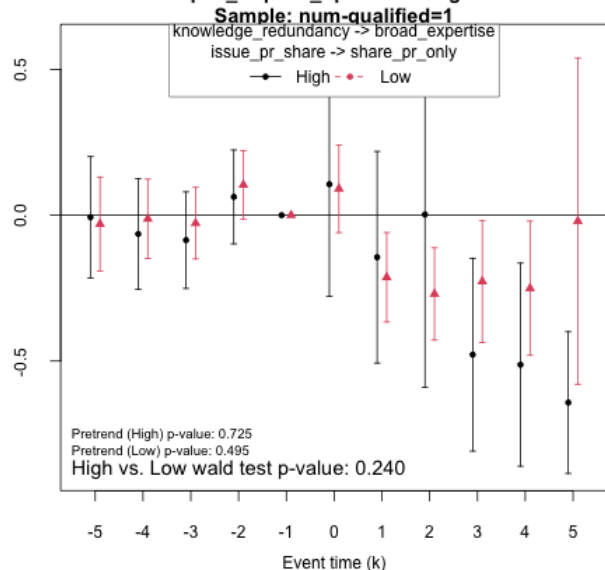
overall_new_release_count rolling5



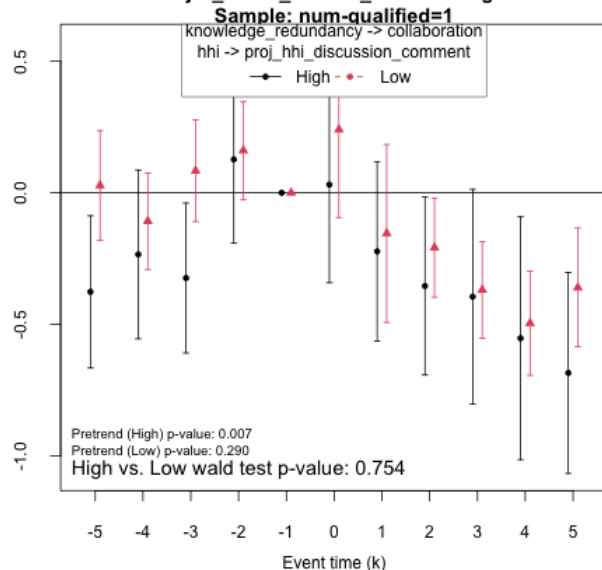
pull_request_merged rolling5



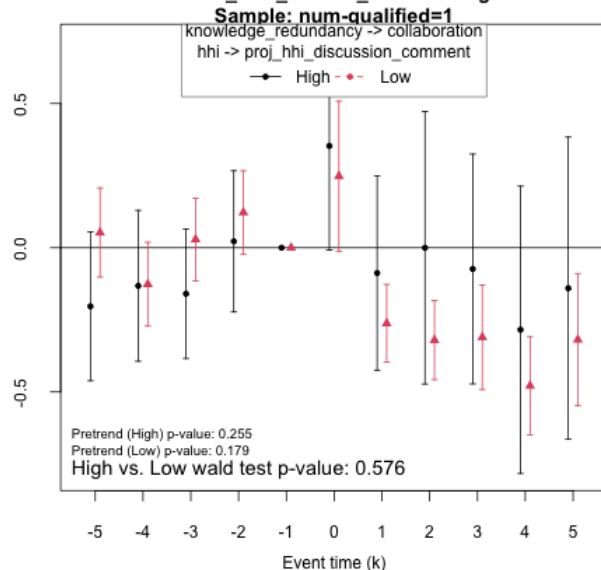
pull_request_opened rolling5



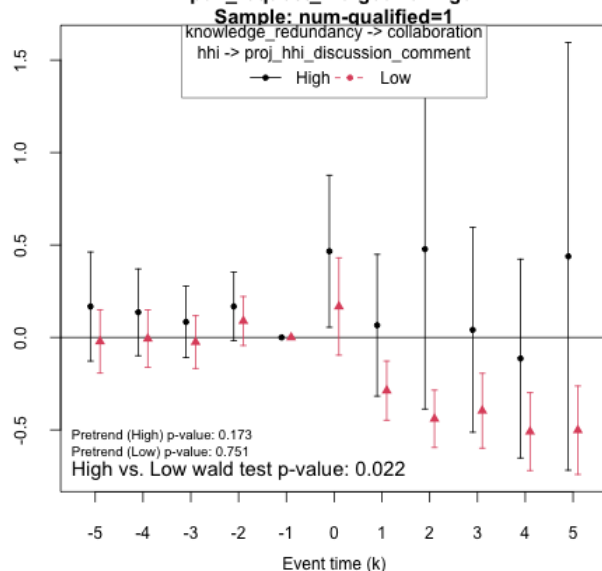
major_minor_release_count rolling5



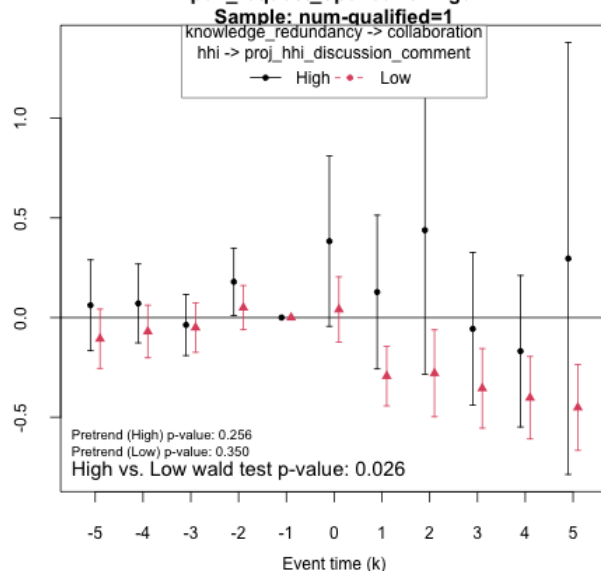
overall_new_release_count rolling5



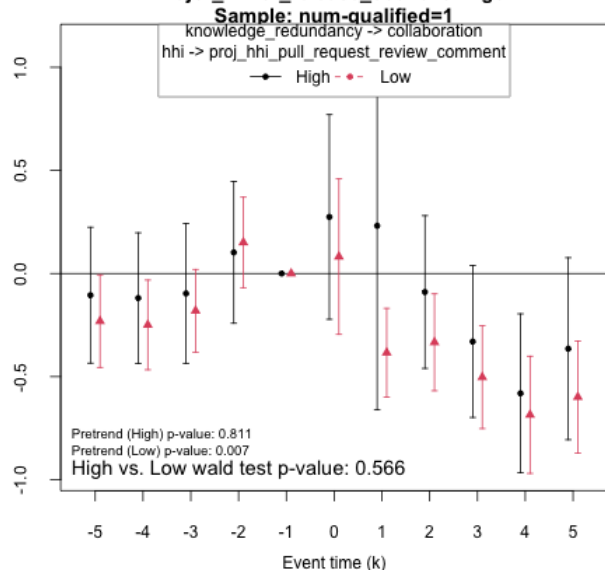
pull_request_merged rolling5



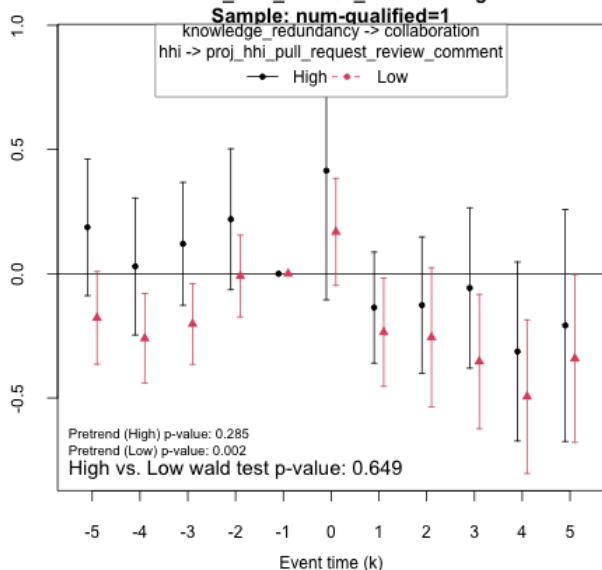
pull_request_opened rolling5



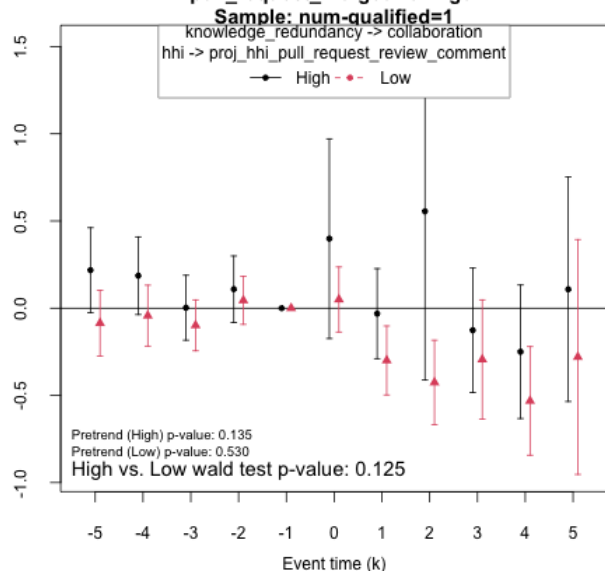
major_minor_release_count rolling5



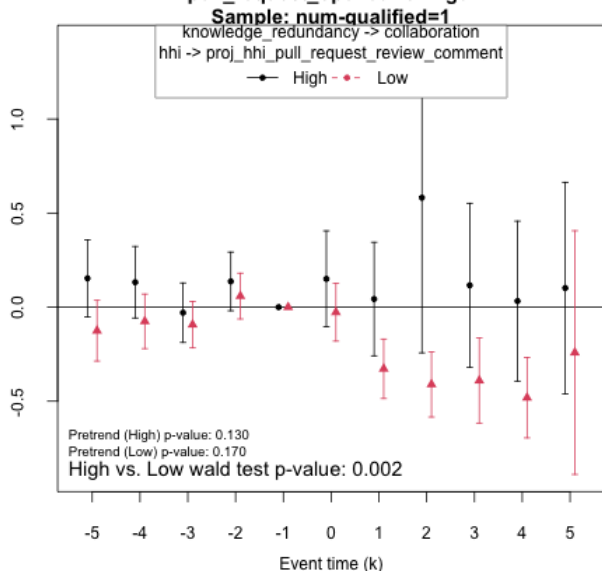
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



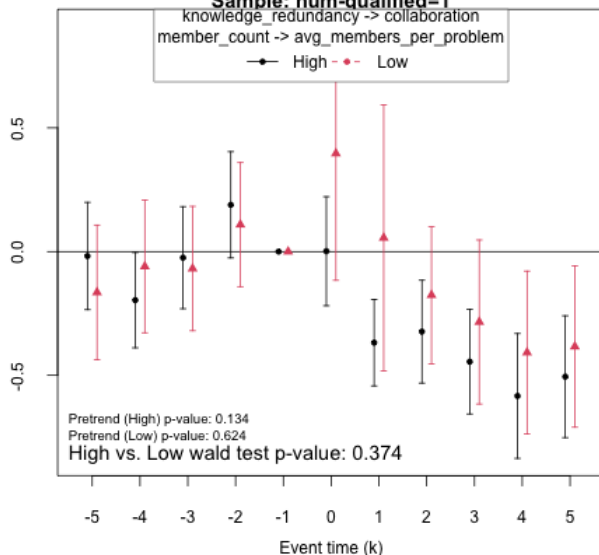
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

member_count -> avg_members_per_problem

—●— High —●— Low



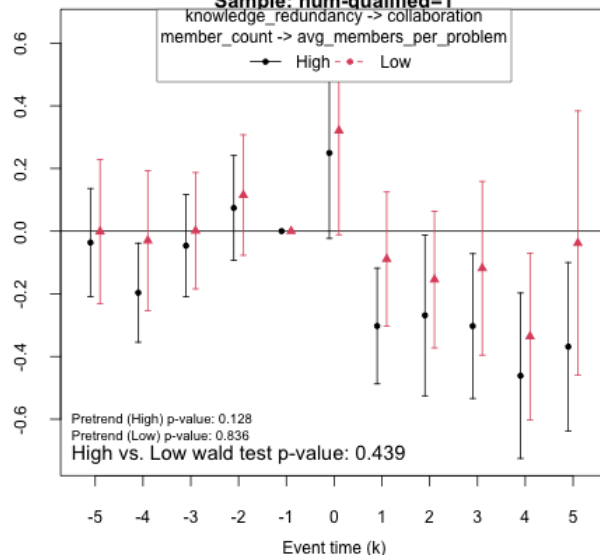
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

member_count -> avg_members_per_problem

—●— High —●— Low



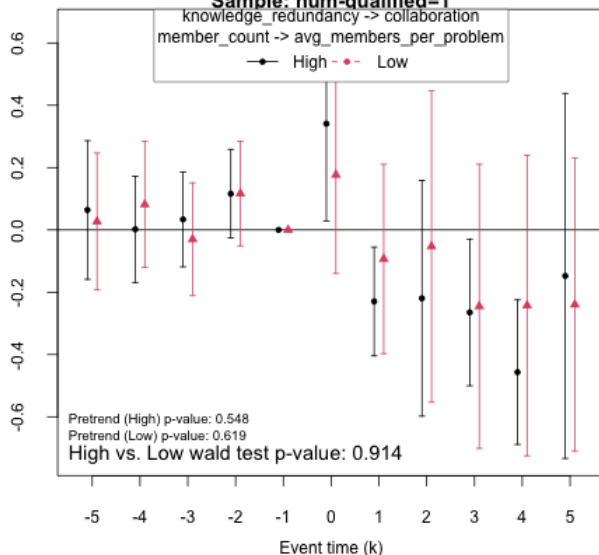
pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration

member_count -> avg_members_per_problem

—●— High —●— Low



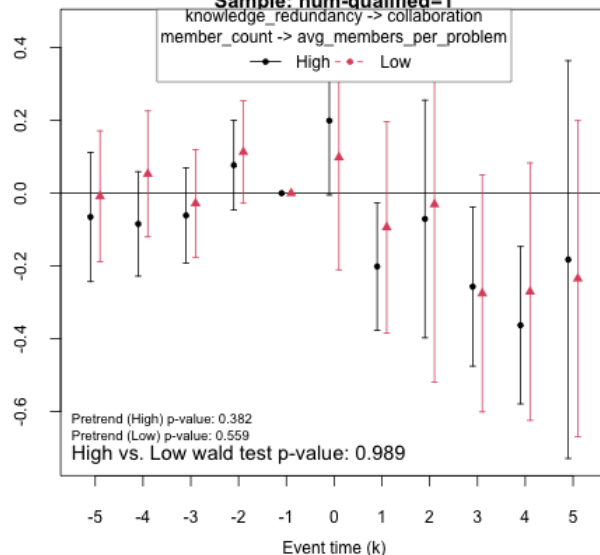
pull_request_opened rolling5

Sample: num-qualified=1

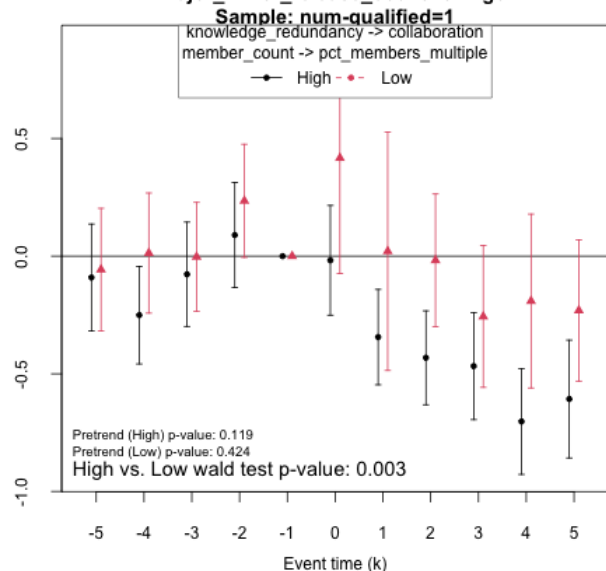
knowledge_redundancy -> collaboration

member_count -> avg_members_per_problem

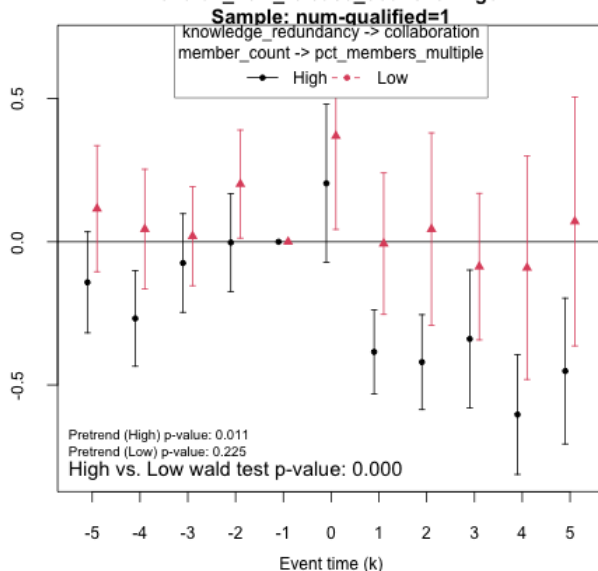
—●— High —●— Low



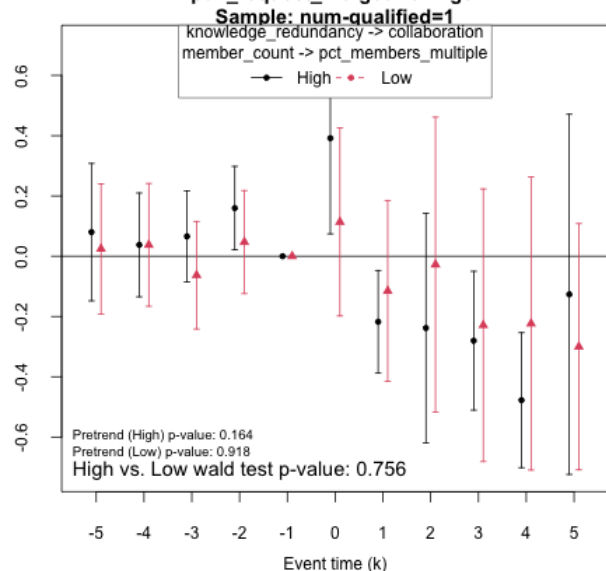
major_minor_release_count rolling5



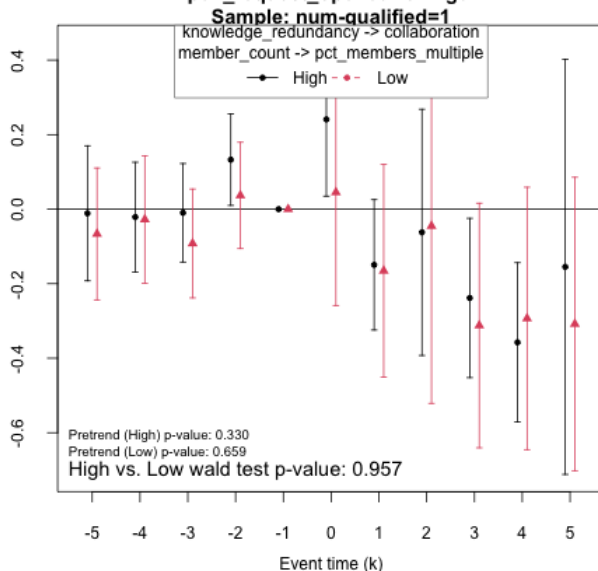
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

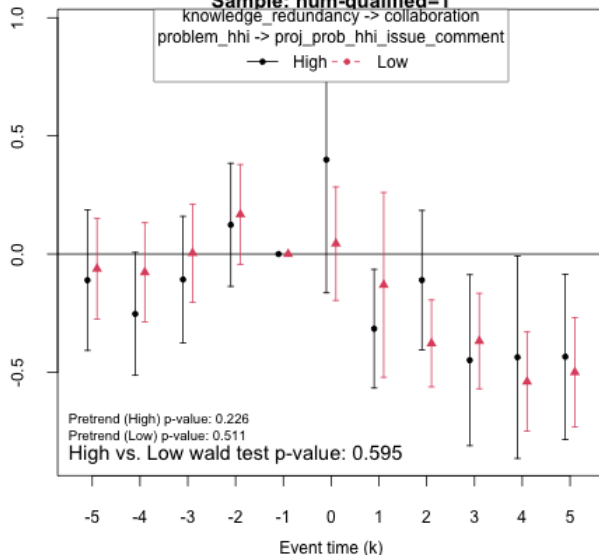


major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment

—●— High —●— Low

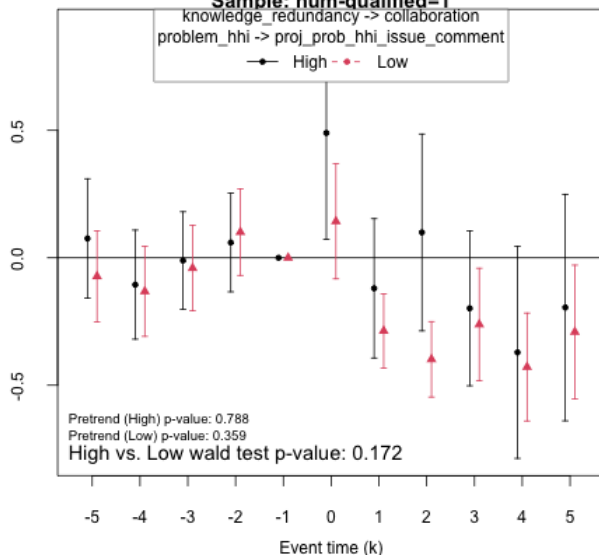


overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment

—●— High —●— Low

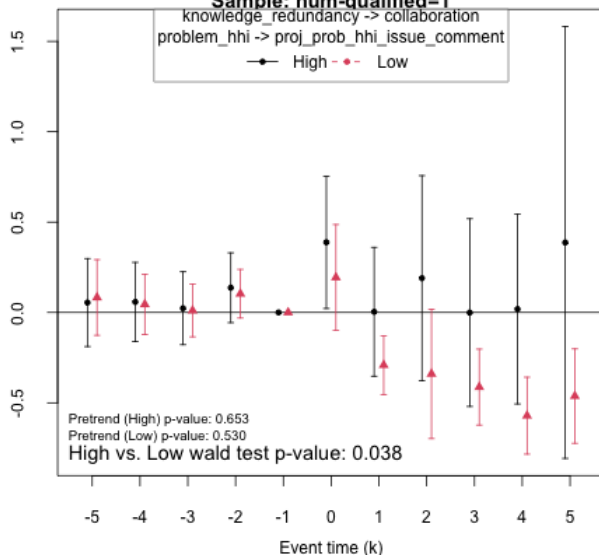


pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment

—●— High —●— Low

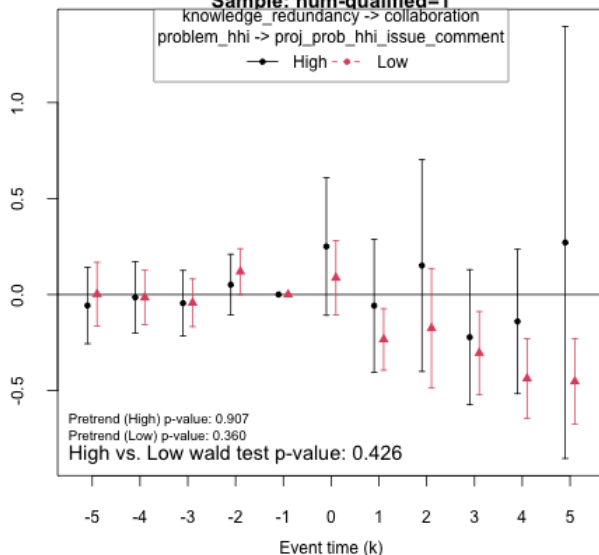


pull_request_opened rolling5

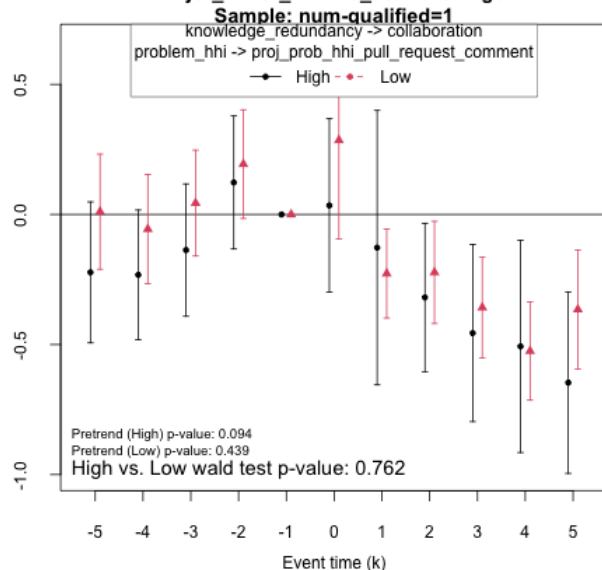
Sample: num-qualified=1

knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment

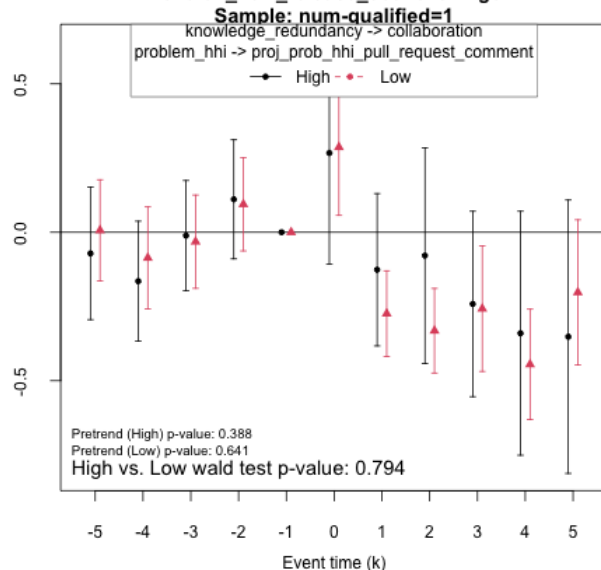
—●— High —●— Low



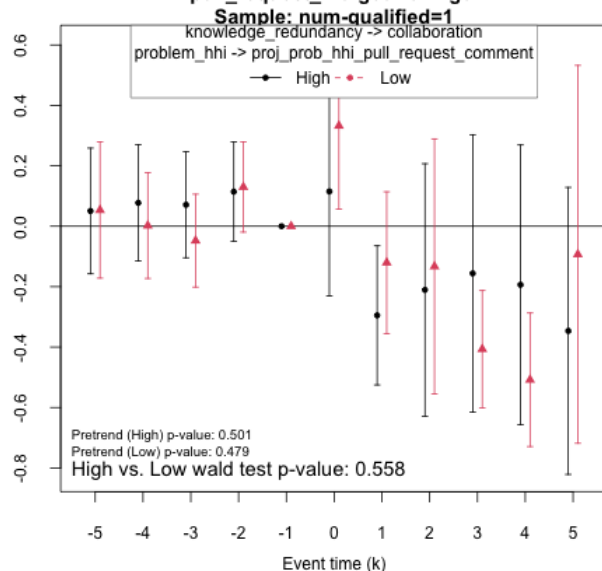
major_minor_release_count rolling5



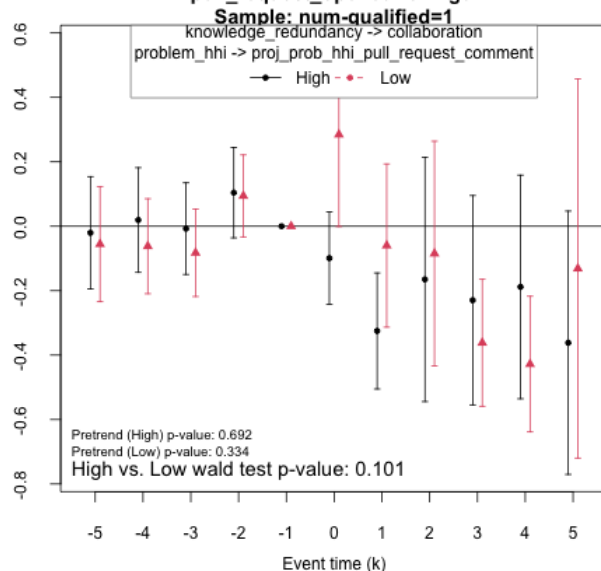
overall_new_release_count rolling5



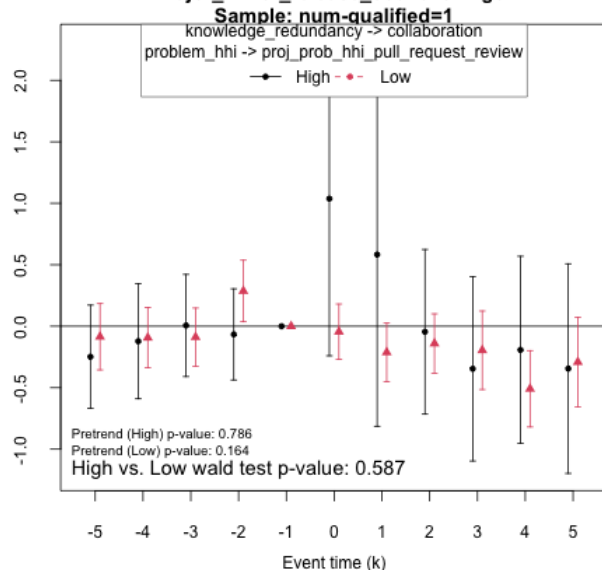
pull_request_merged rolling5



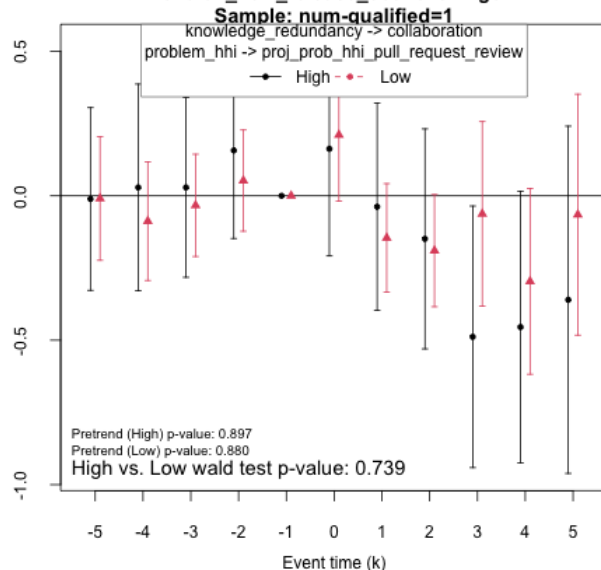
pull_request_opened rolling5



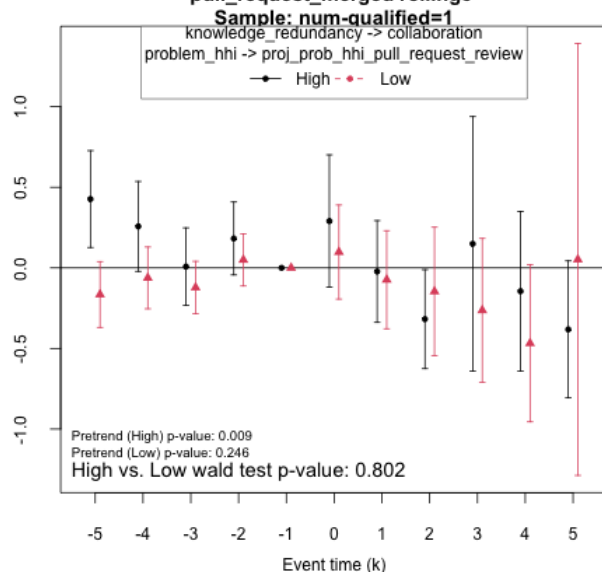
major_minor_release_count rolling5



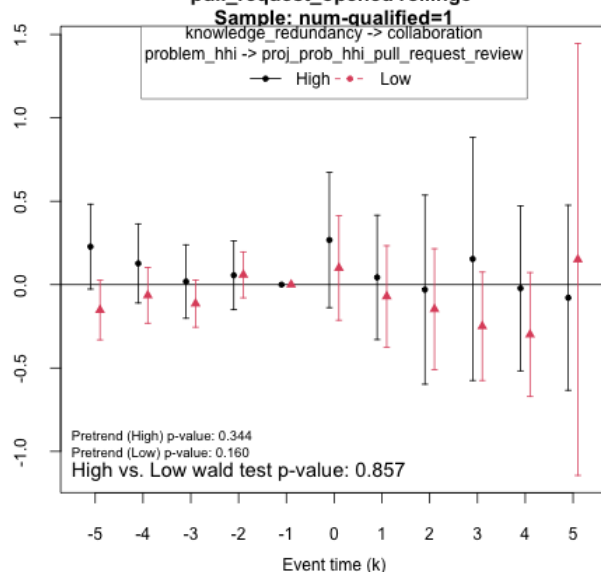
overall_new_release_count rolling5



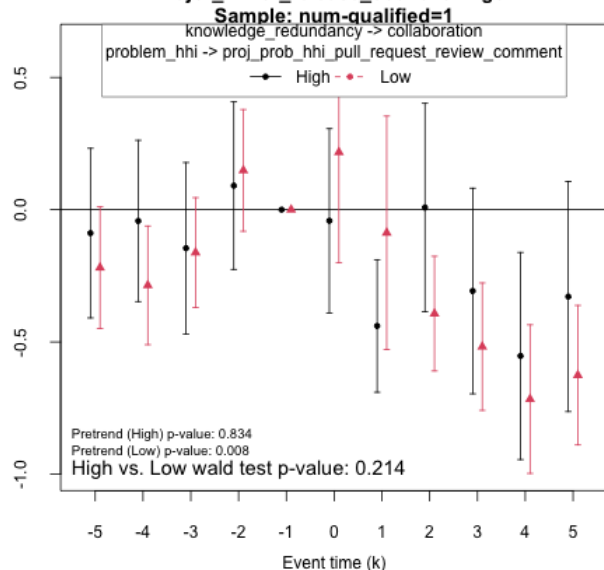
pull_request_merged rolling5



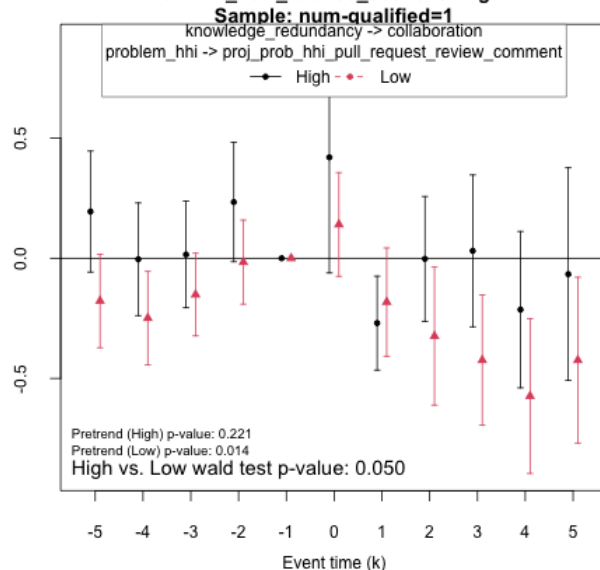
pull_request_opened rolling5



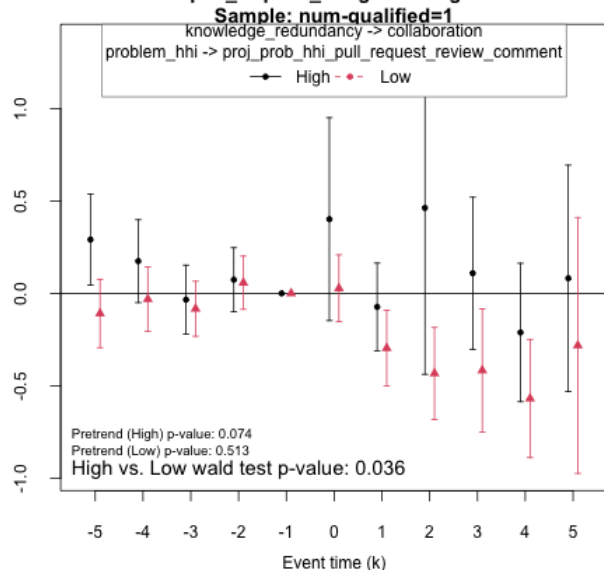
major_minor_release_count rolling5



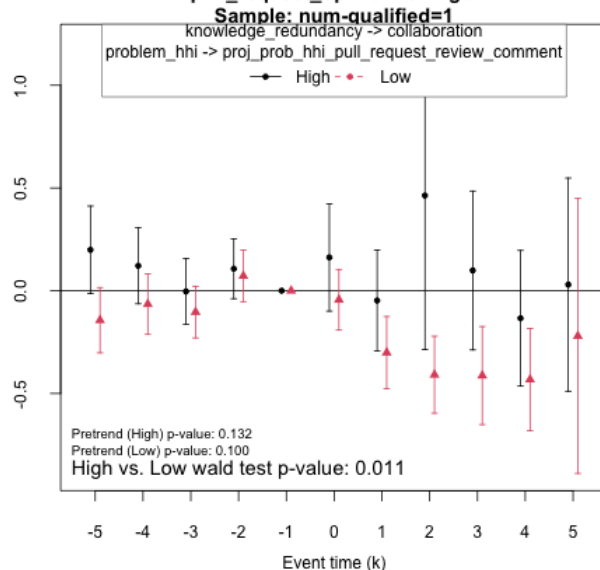
overall_new_release_count rolling5



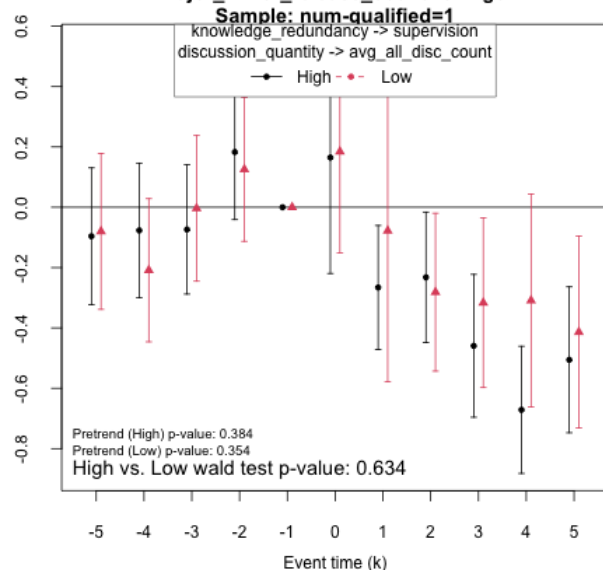
pull_request_merged rolling5



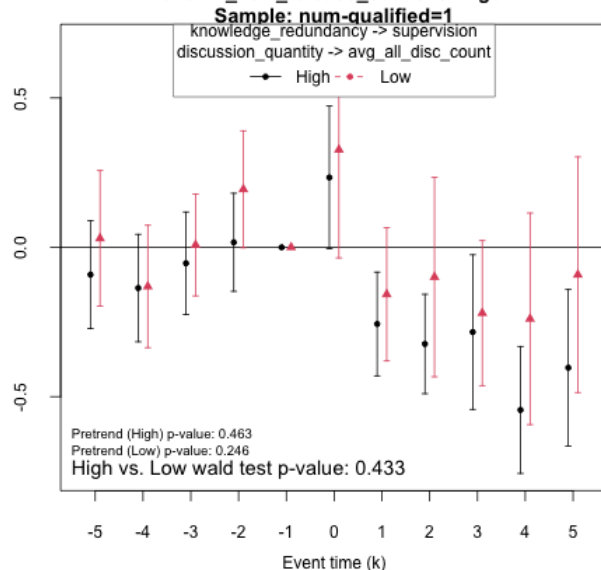
pull_request_opened rolling5



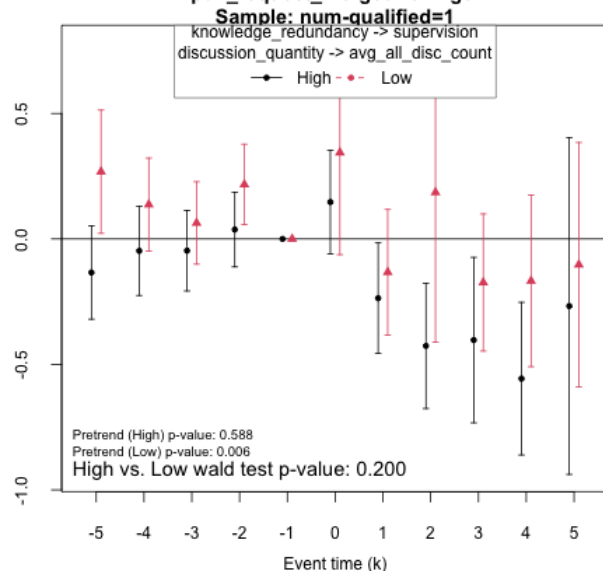
major_minor_release_count rolling5



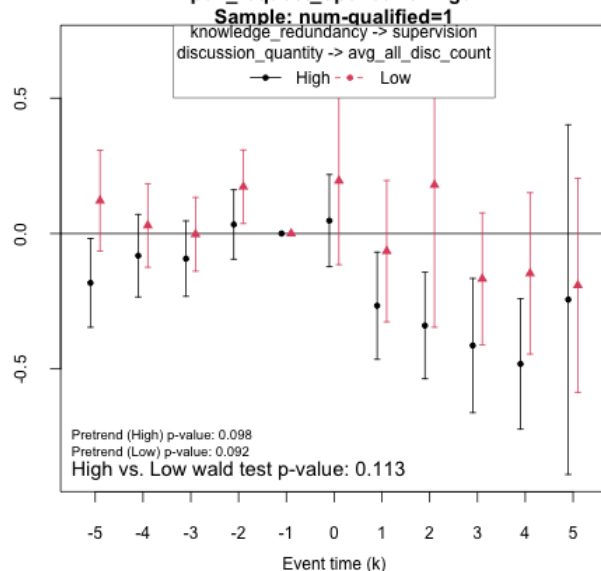
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5



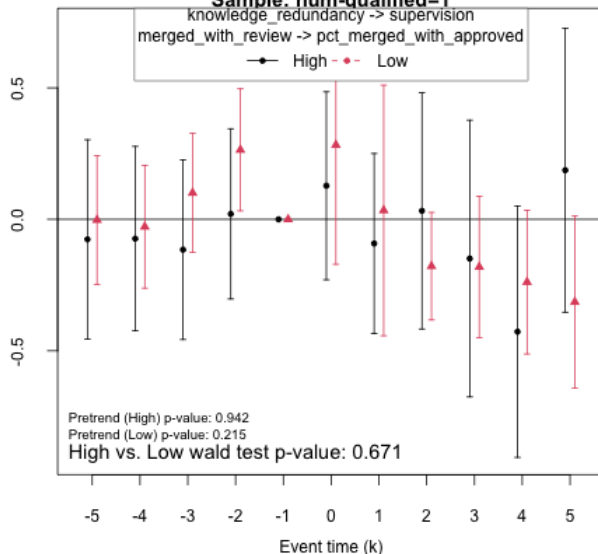
major_minor_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> supervision

merged_with_review -> pct_merged_with_approved

—●— High —●— Low



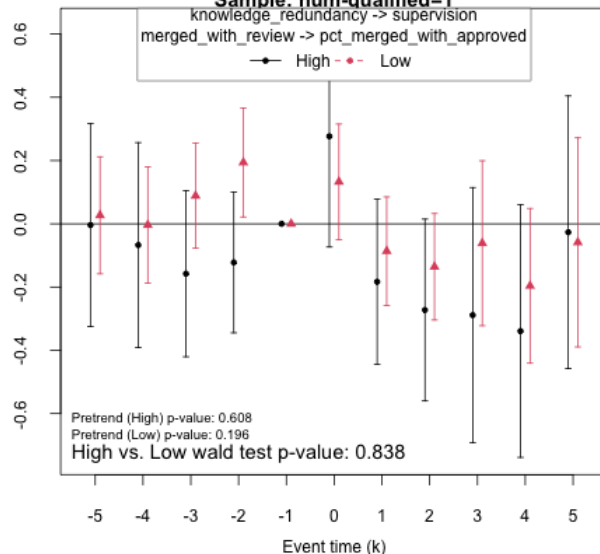
overall_new_release_count rolling5

Sample: num-qualified=1

knowledge_redundancy -> supervision

merged_with_review -> pct_merged_with_approved

—●— High —●— Low



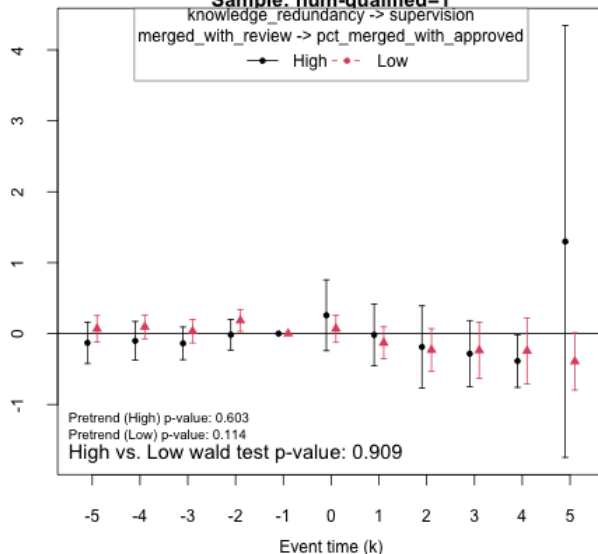
pull_request_merged rolling5

Sample: num-qualified=1

knowledge_redundancy -> supervision

merged_with_review -> pct_merged_with_approved

—●— High —●— Low



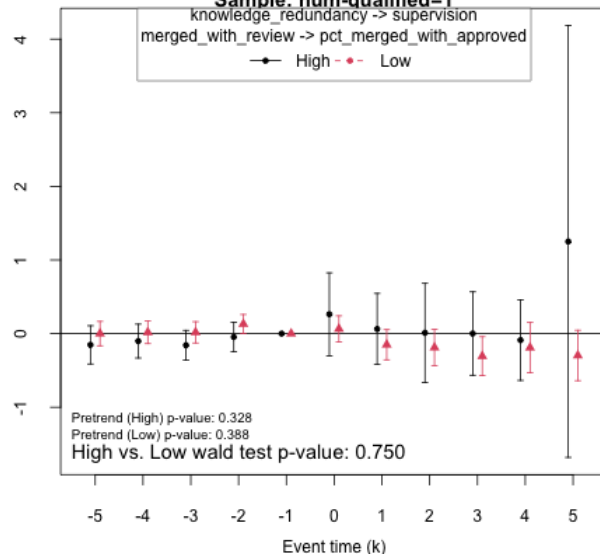
pull_request_opened rolling5

Sample: num-qualified=1

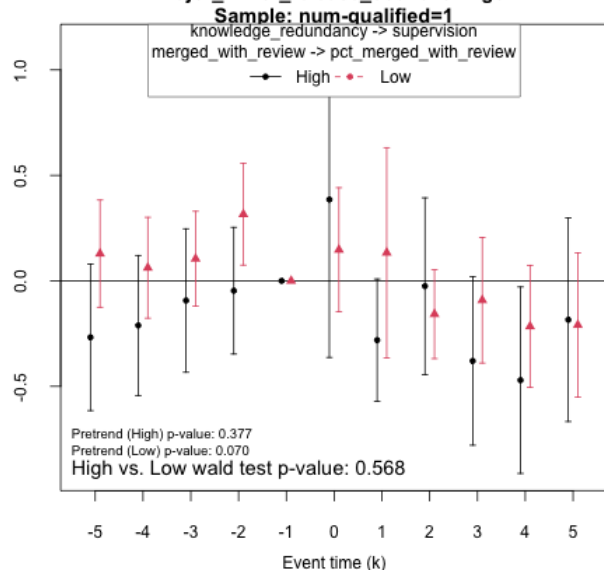
knowledge_redundancy -> supervision

merged_with_review -> pct_merged_with_approved

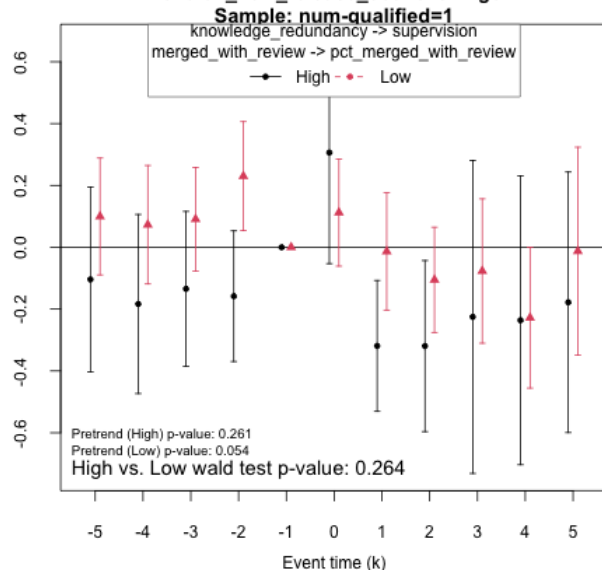
—●— High —●— Low



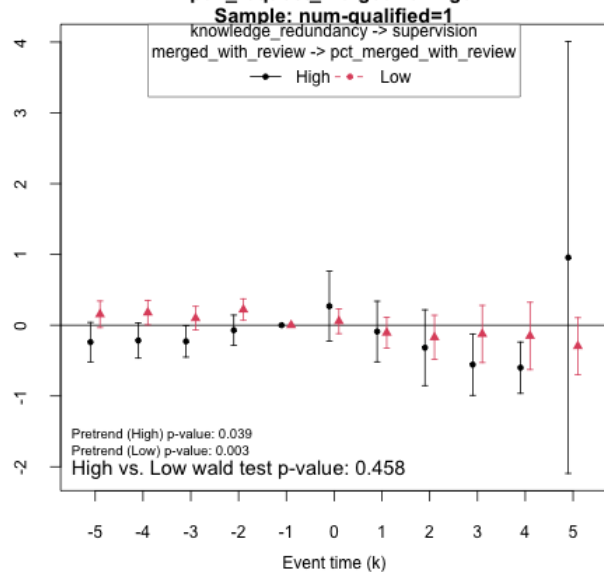
major_minor_release_count rolling5



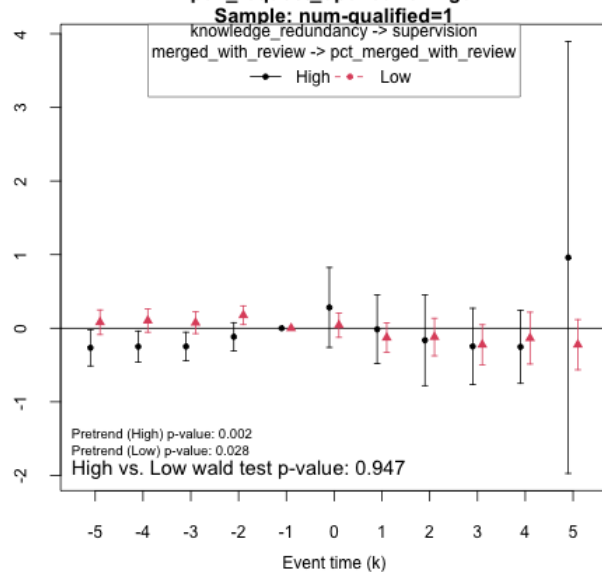
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

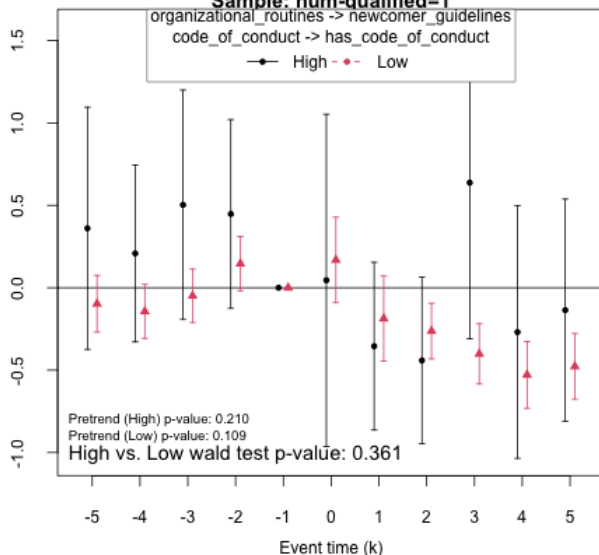


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct

—●— High —●— Low

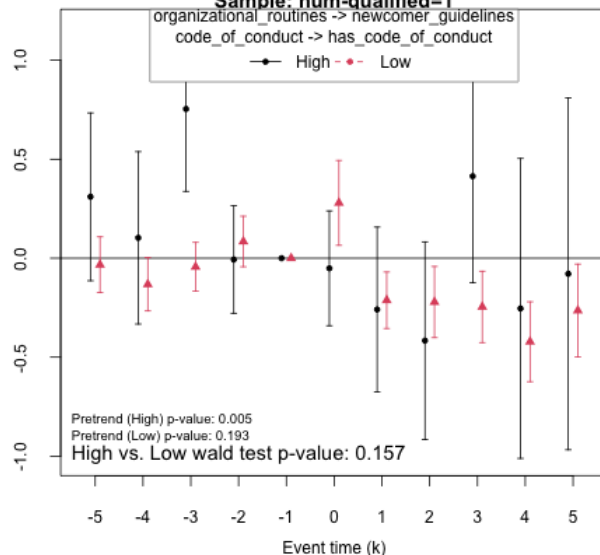


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct

—●— High —●— Low

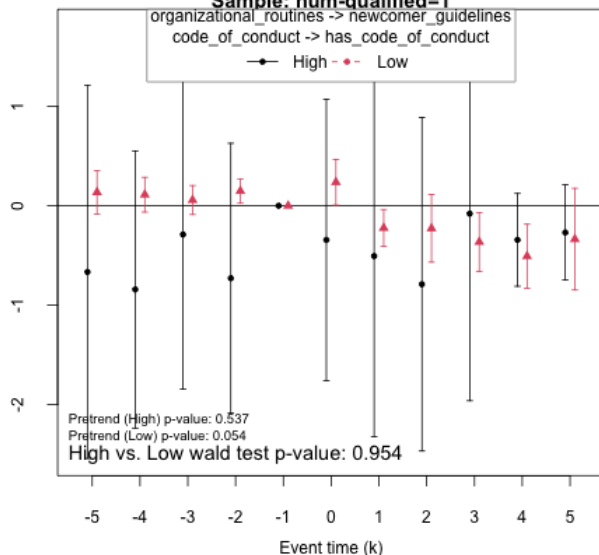


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct

—●— High —●— Low

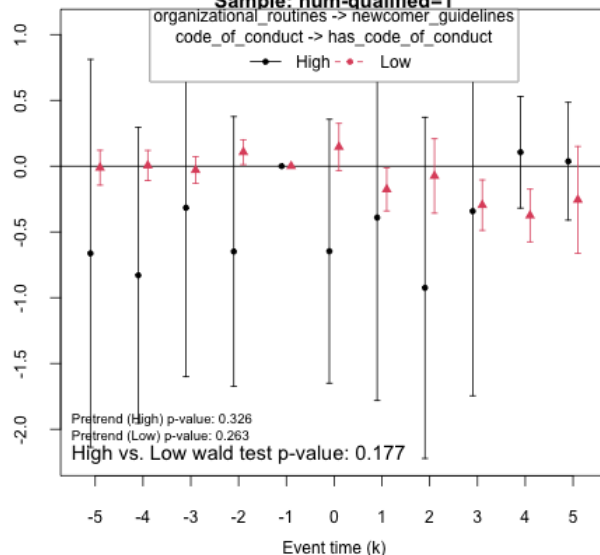


pull_request_opened rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct

—●— High —●— Low

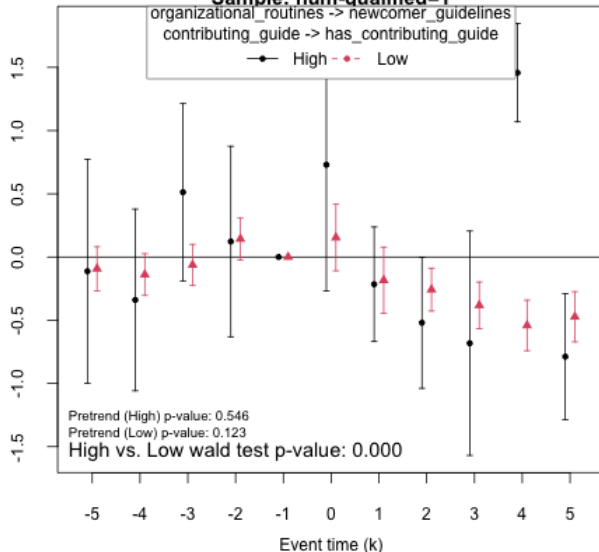


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

—●— High —●— Low

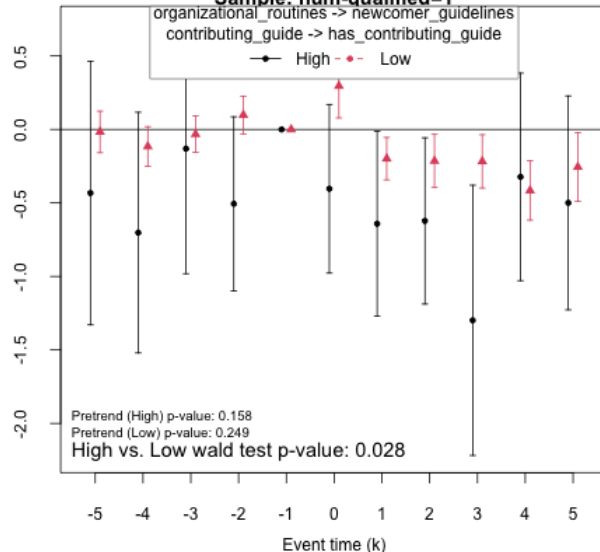


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

—●— High —●— Low

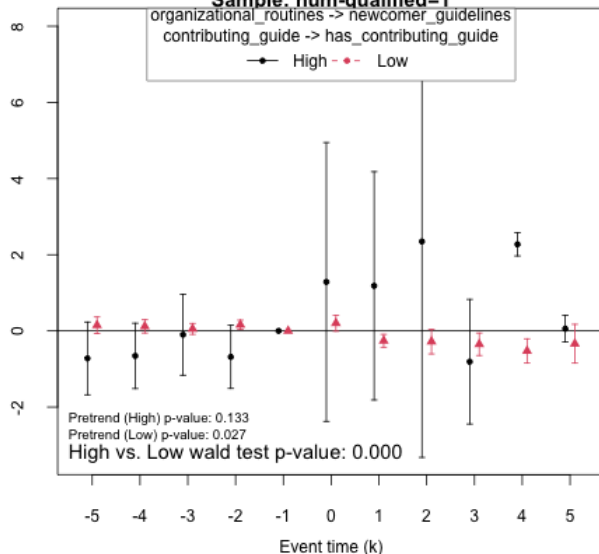


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

—●— High —●— Low

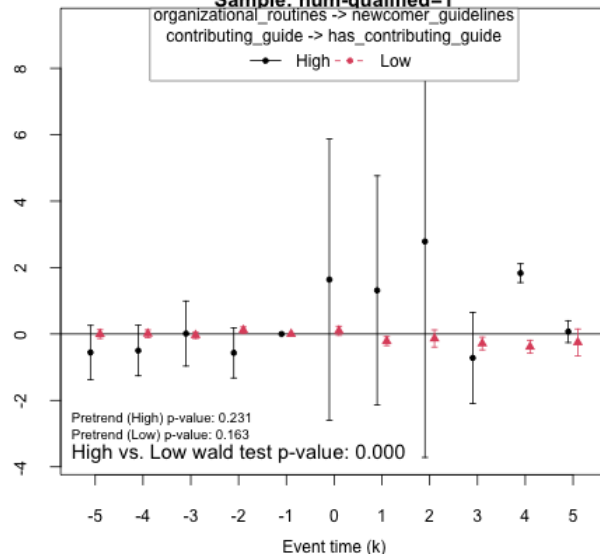


pull_request_opened rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide

—●— High —●— Low

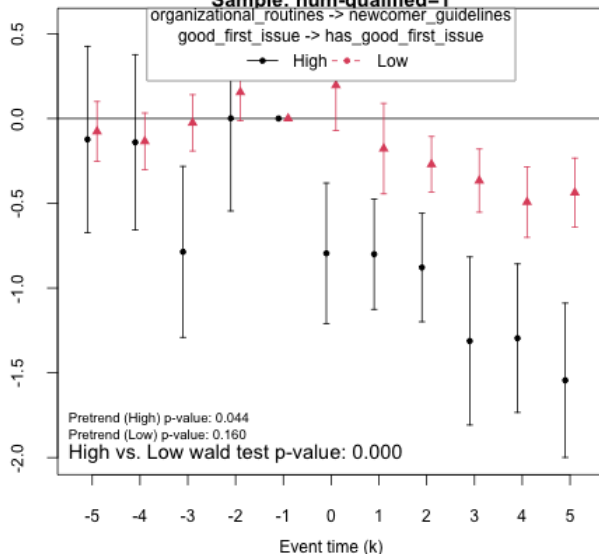


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue

—●— High —●— Low

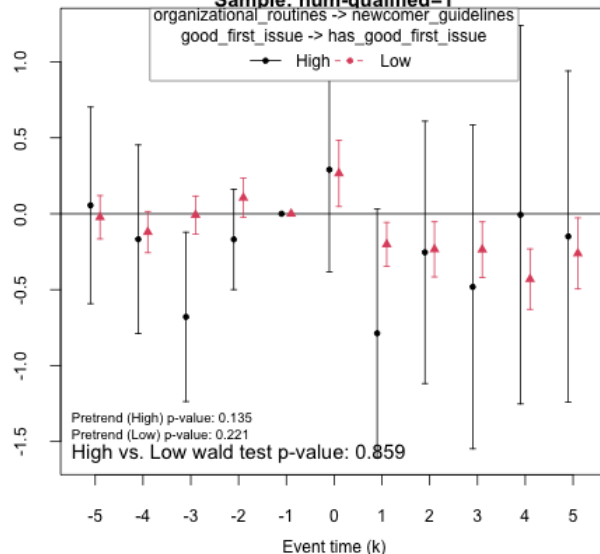


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue

—●— High —●— Low

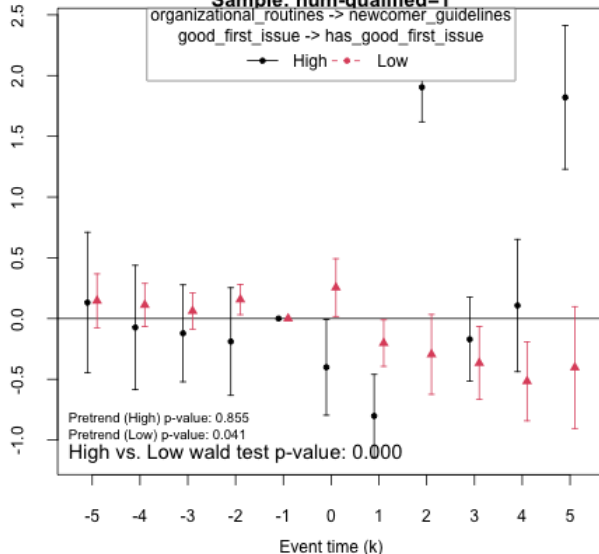


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue

—●— High —●— Low

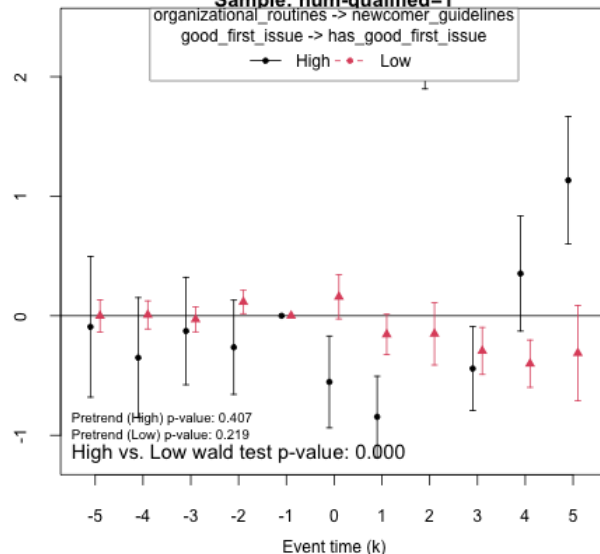


pull_request_opened rolling5

Sample: num-qualified=1

organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue

—●— High —●— Low

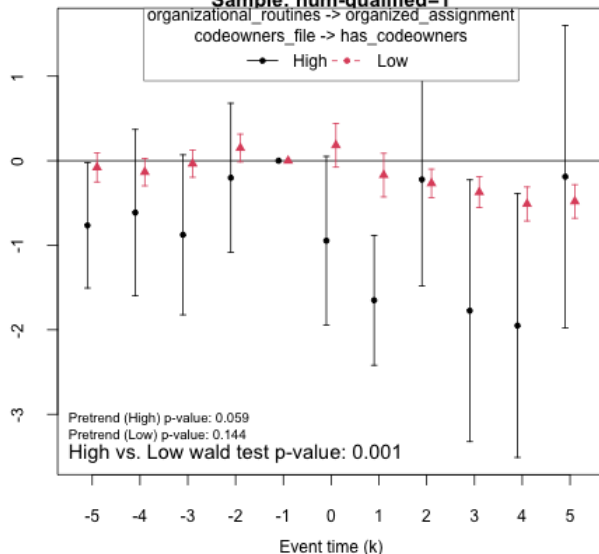


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—●— High —●— Low

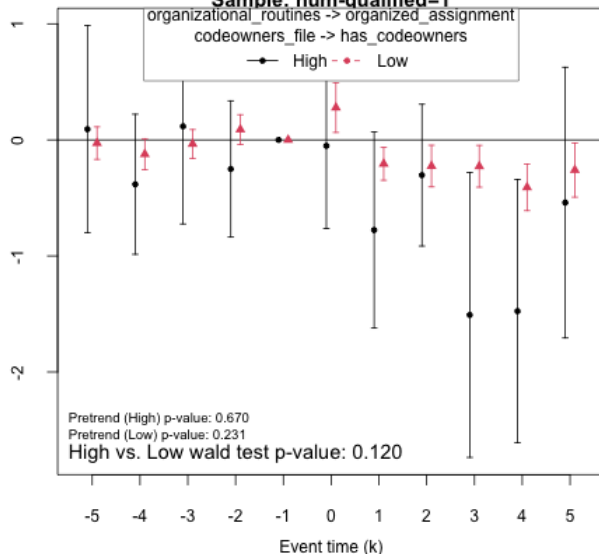


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—●— High —●— Low

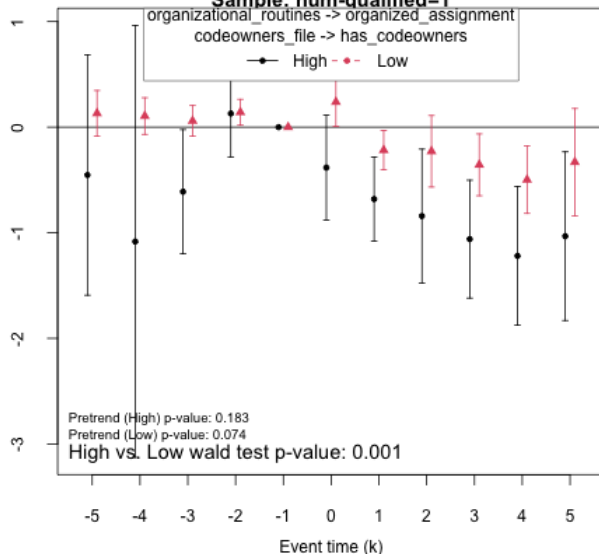


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

—●— High —●— Low

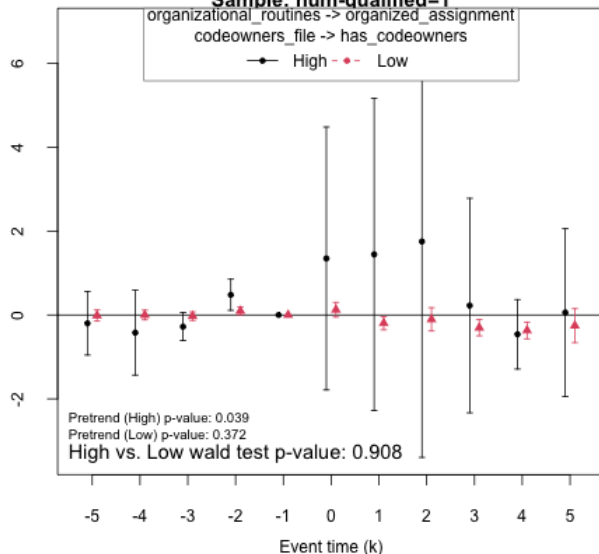


pull_request_opened rolling5

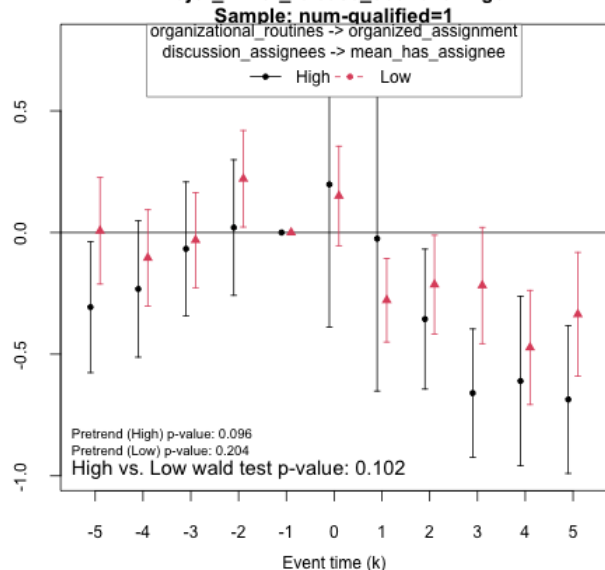
Sample: num-qualified=1

organizational_routines -> organized_assignment
codeowners_file -> has_codeowners

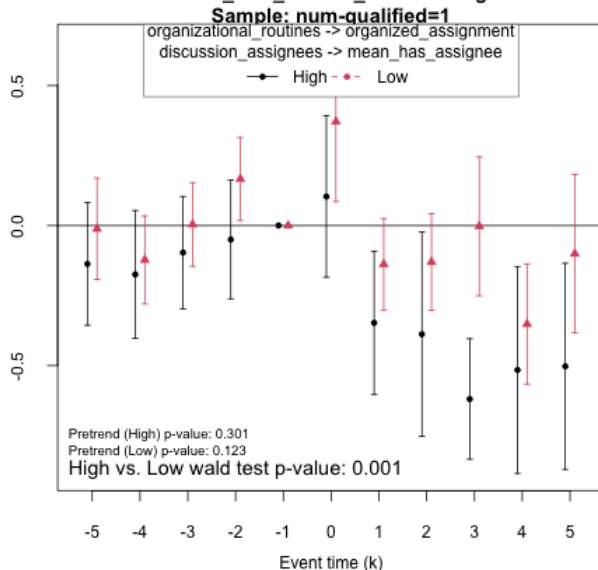
—●— High —●— Low



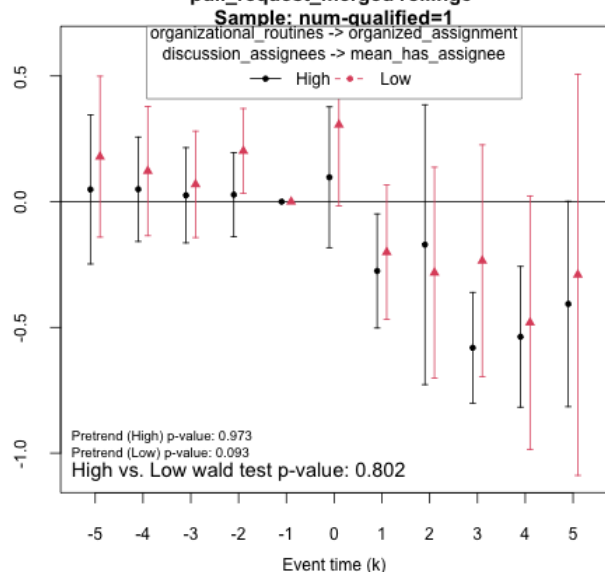
major_minor_release_count rolling5



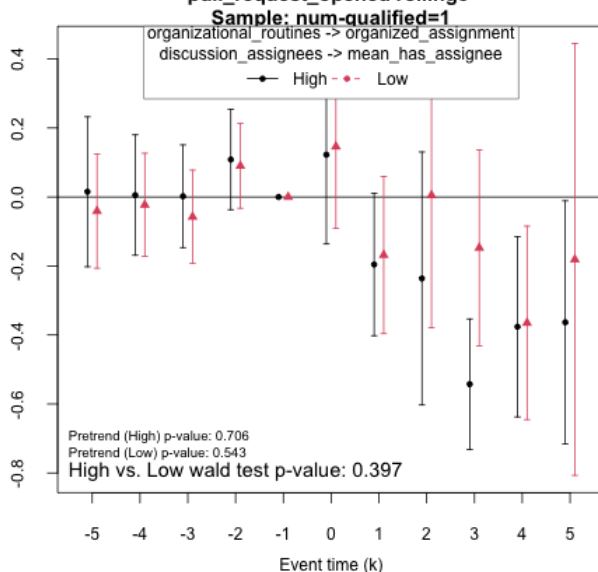
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

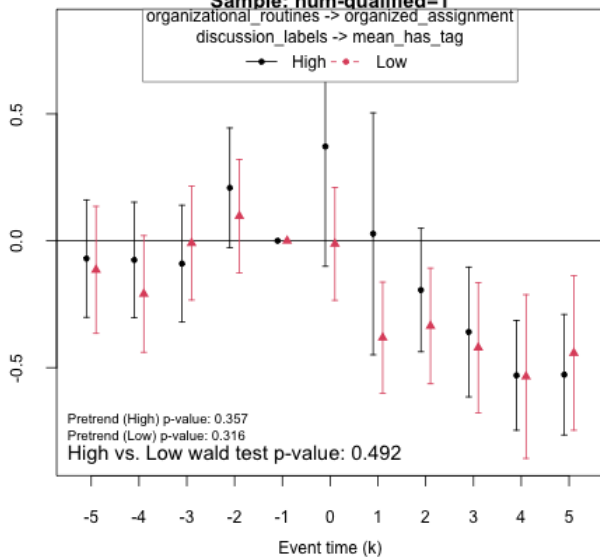


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag

—●— High —●— Low

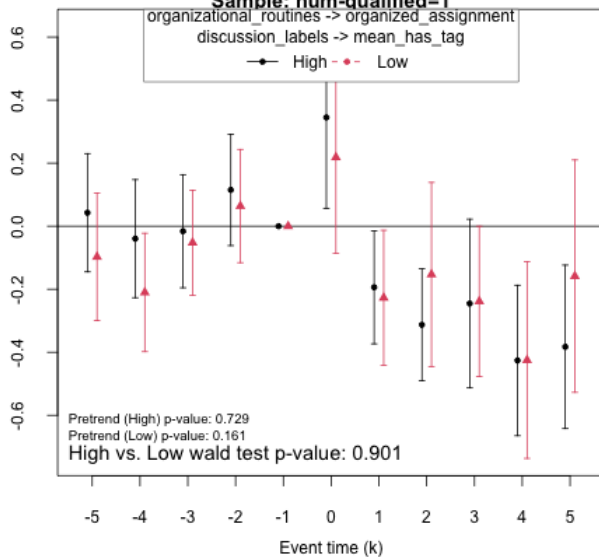


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag

—●— High —●— Low

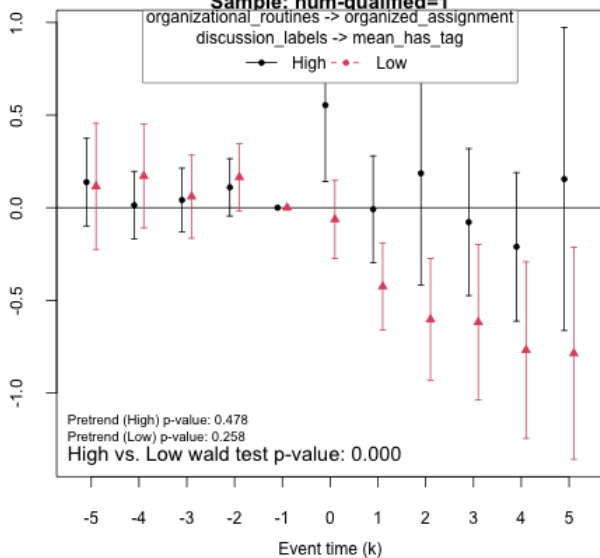


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag

—●— High —●— Low

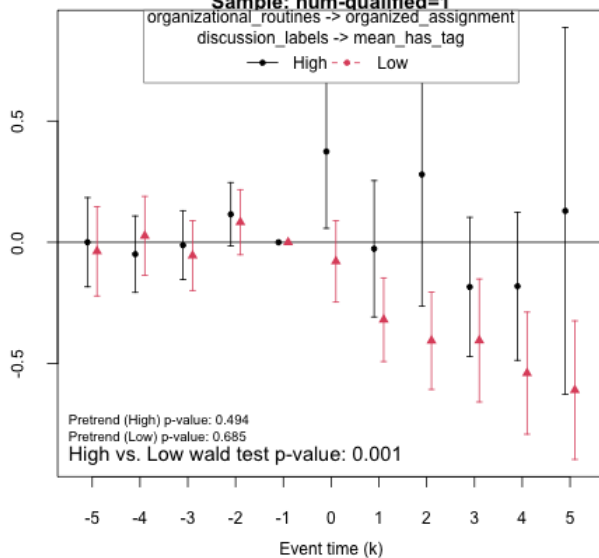


pull_request_opened rolling5

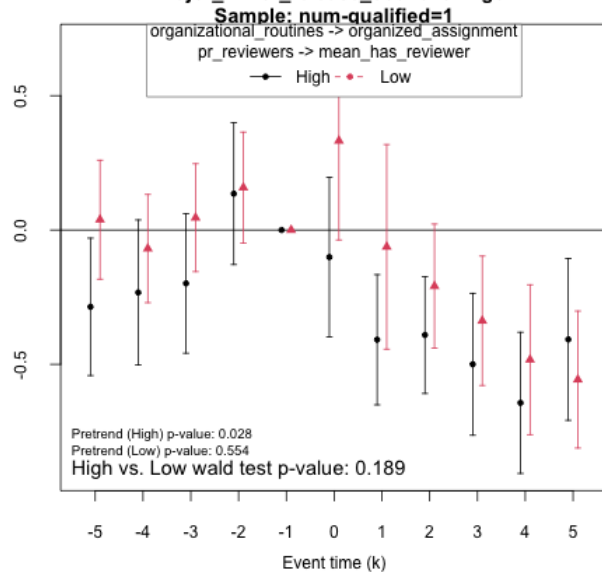
Sample: num-qualified=1

organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag

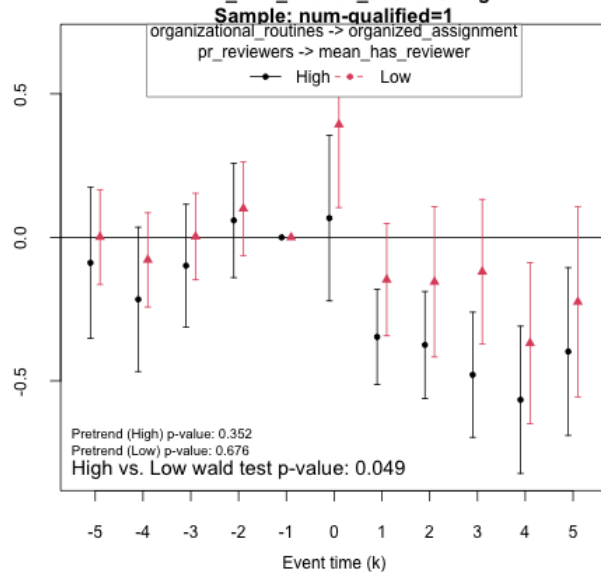
—●— High —●— Low



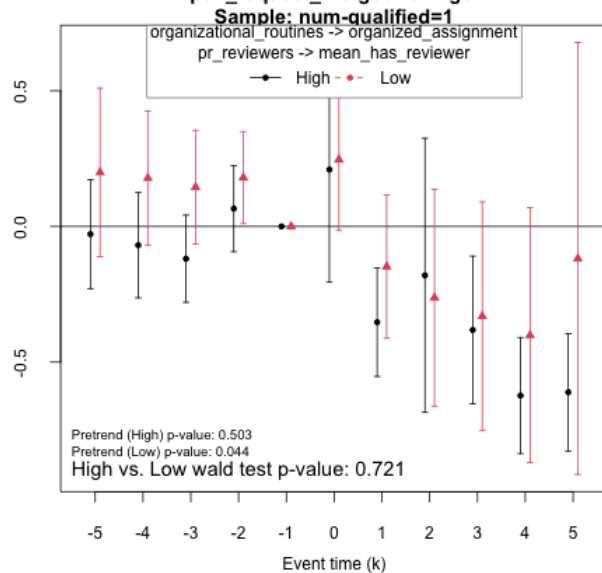
major_minor_release_count rolling5



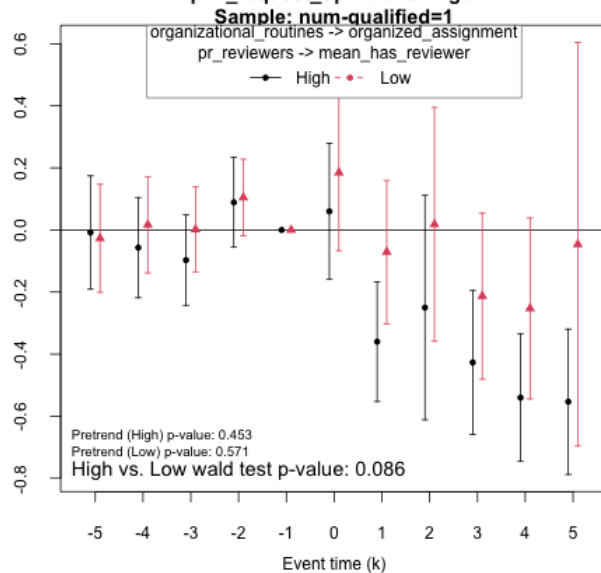
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

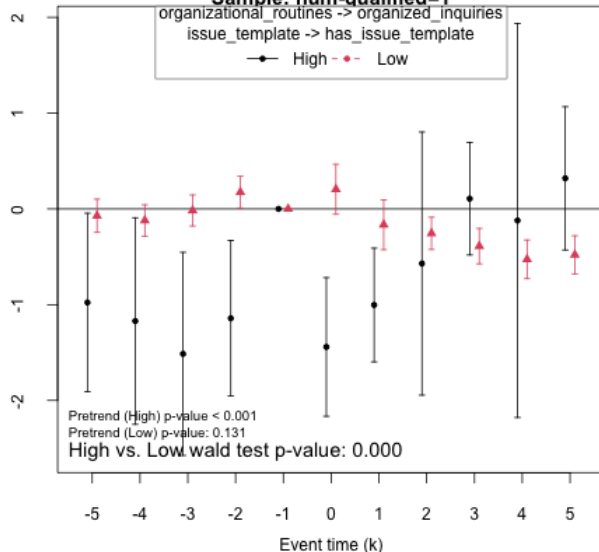


major_minor_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

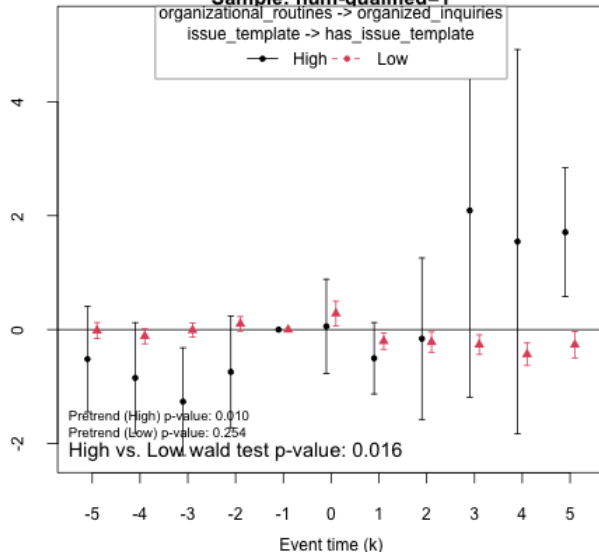


overall_new_release_count rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

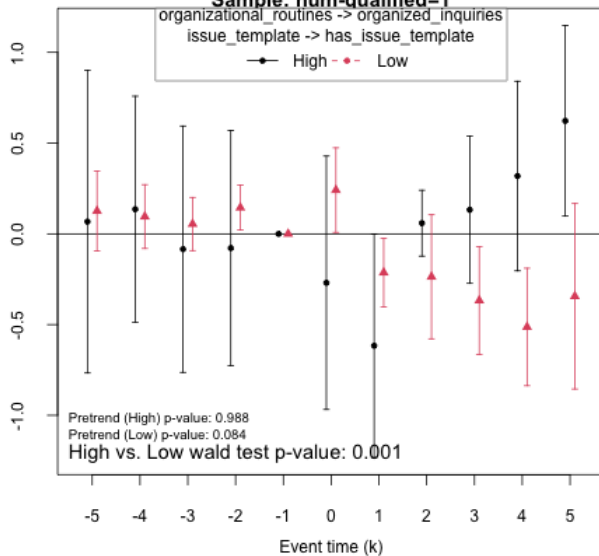


pull_request_merged rolling5

Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

—●— High —●— Low

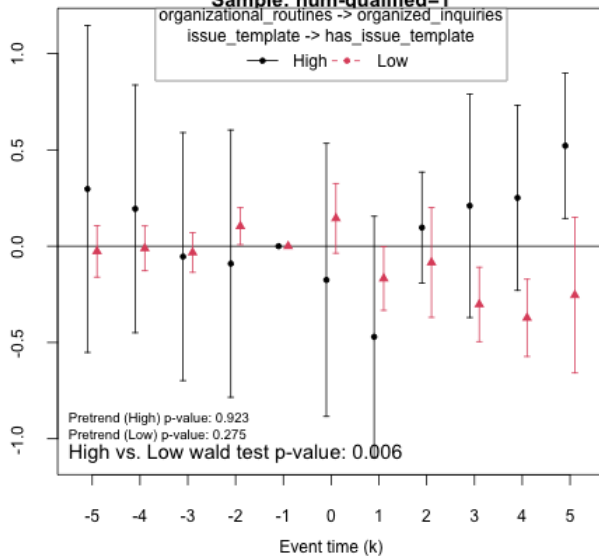


pull_request_opened rolling5

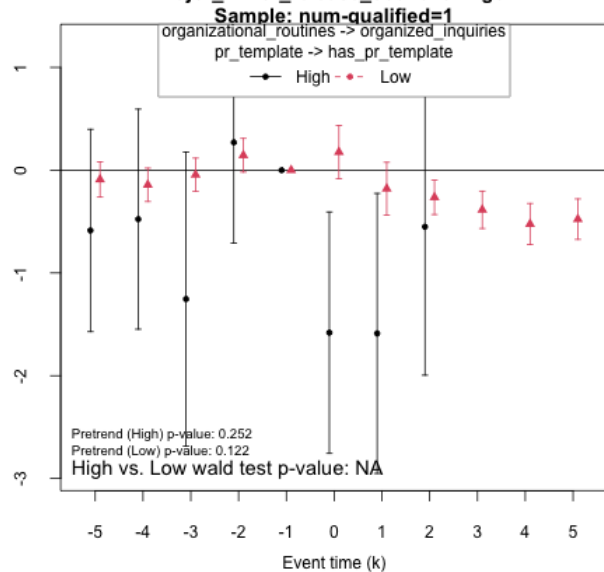
Sample: num-qualified=1

organizational_routines -> organized_inquiries
issue_template -> has_issue_template

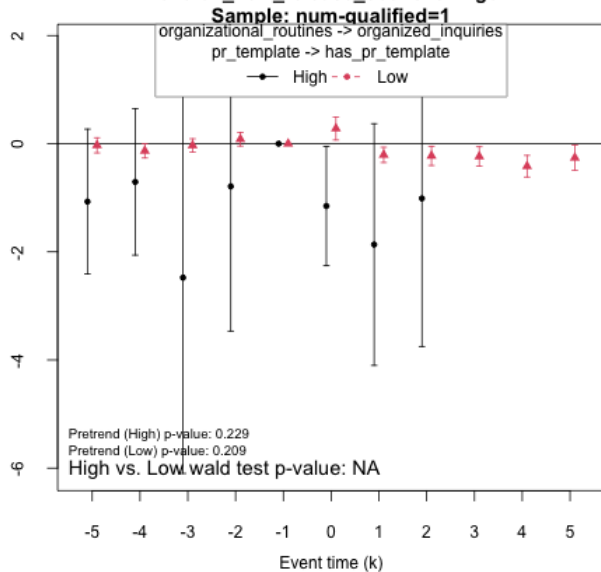
—●— High —●— Low



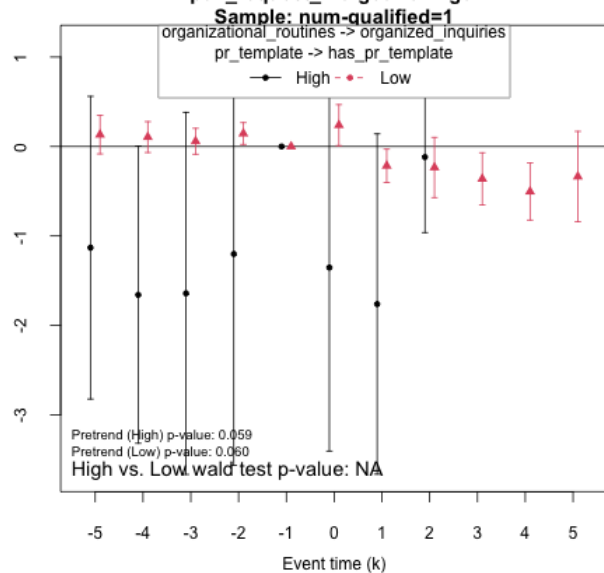
major_minor_release_count rolling5



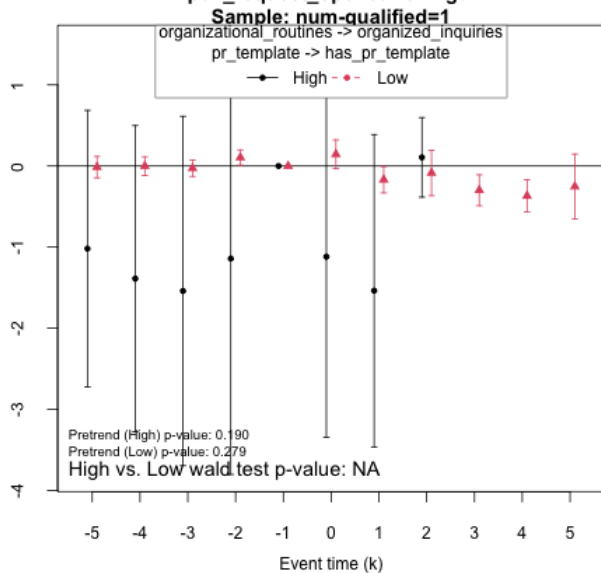
overall_new_release_count rolling5



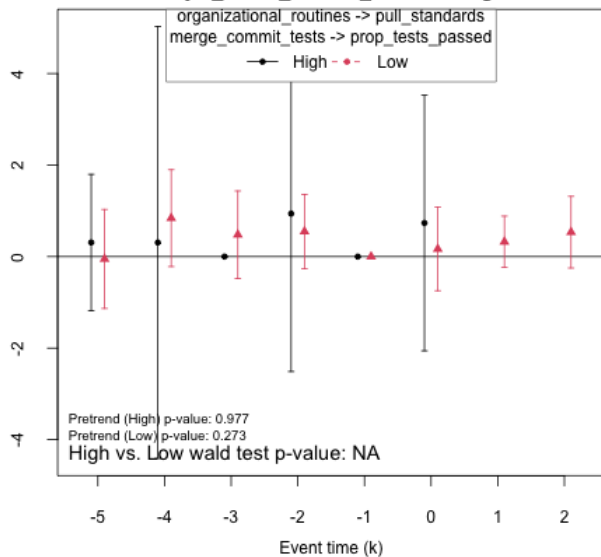
pull_request_merged rolling5



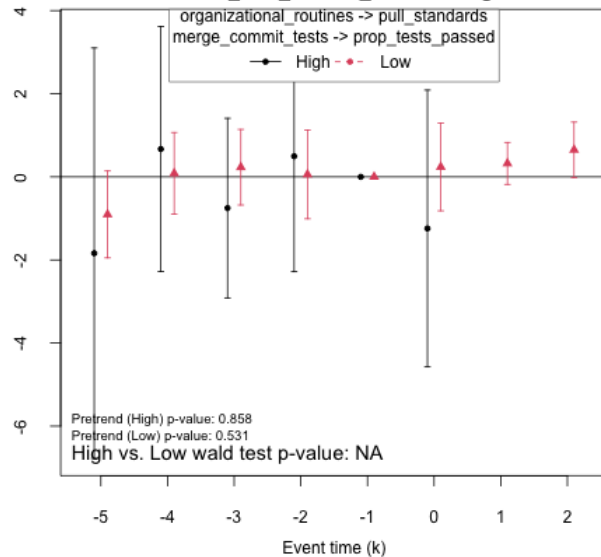
pull_request_opened rolling5



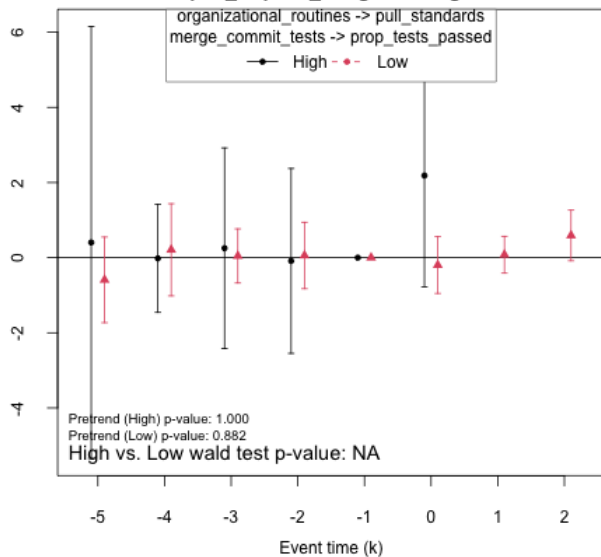
major_minor_release_count rolling5



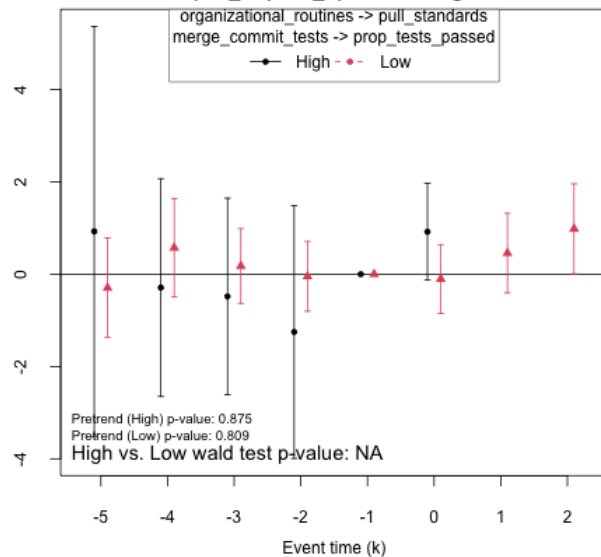
overall_new_release_count rolling5



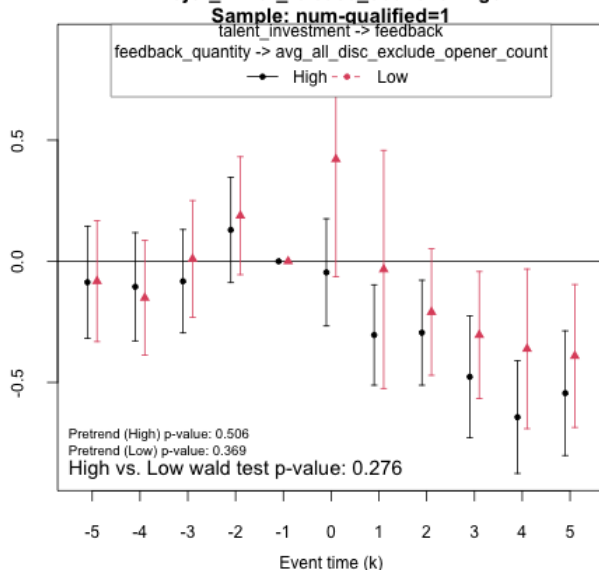
pull_request_merged rolling5



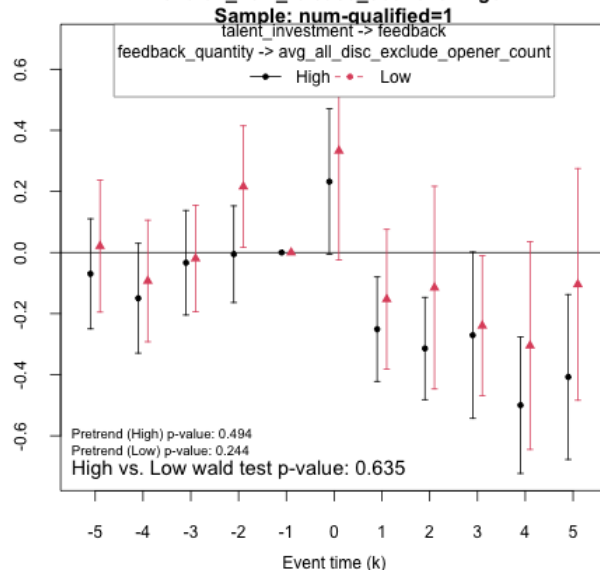
pull_request_opened rolling5



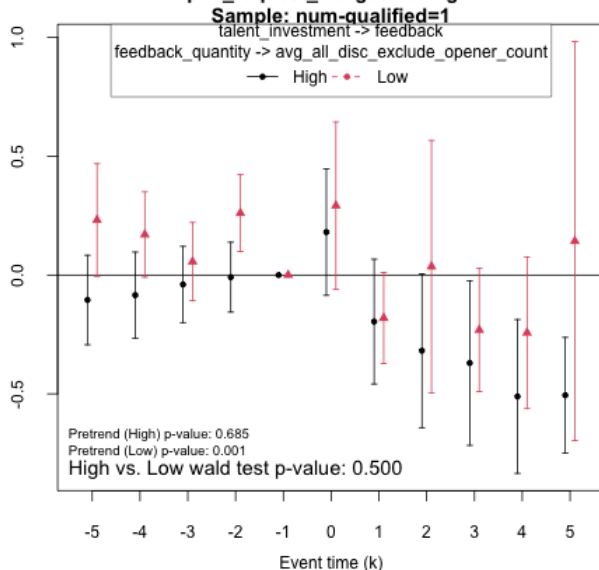
major_minor_release_count rolling5



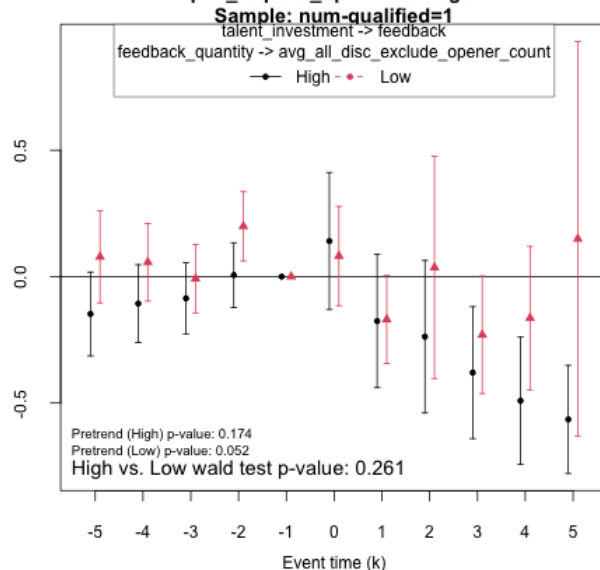
overall_new_release_count rolling5



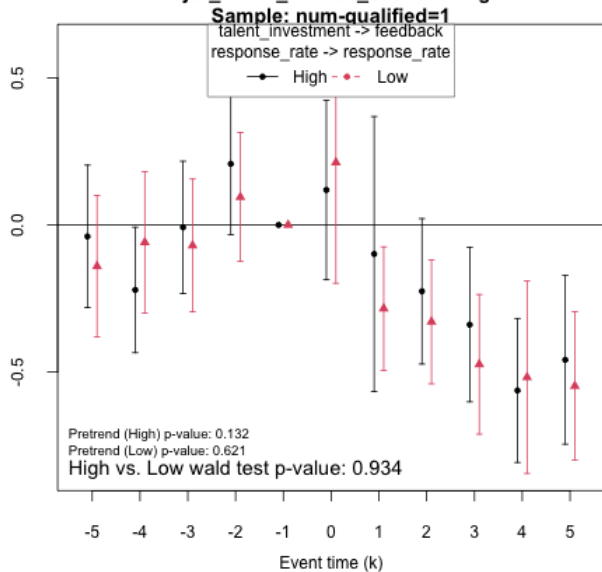
pull_request_merged rolling5



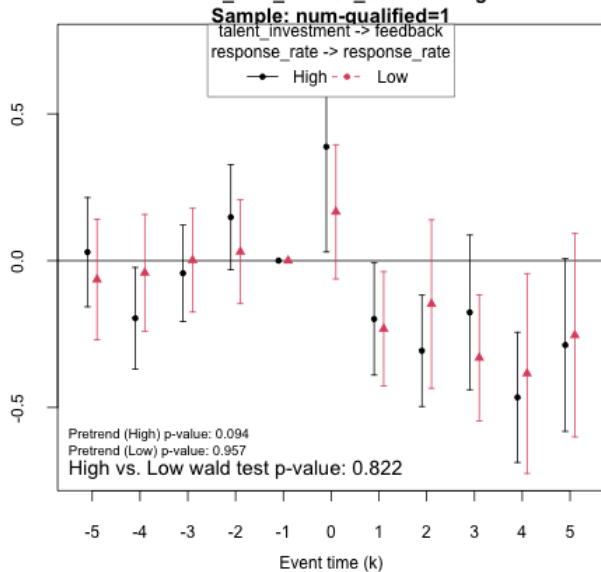
pull_request_opened rolling5



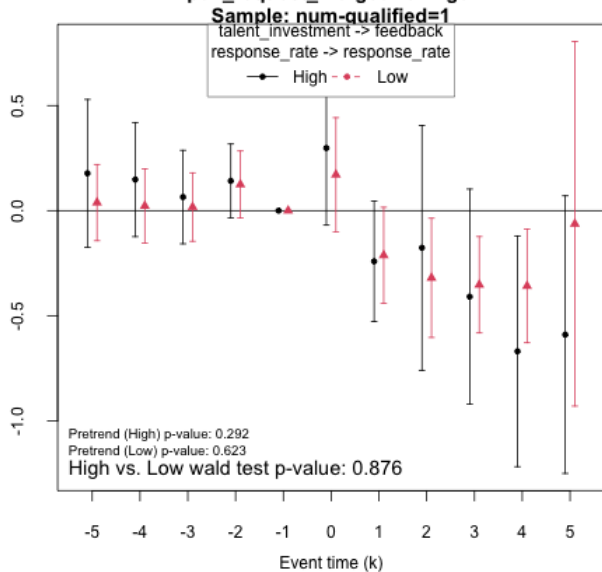
major_minor_release_count rolling5



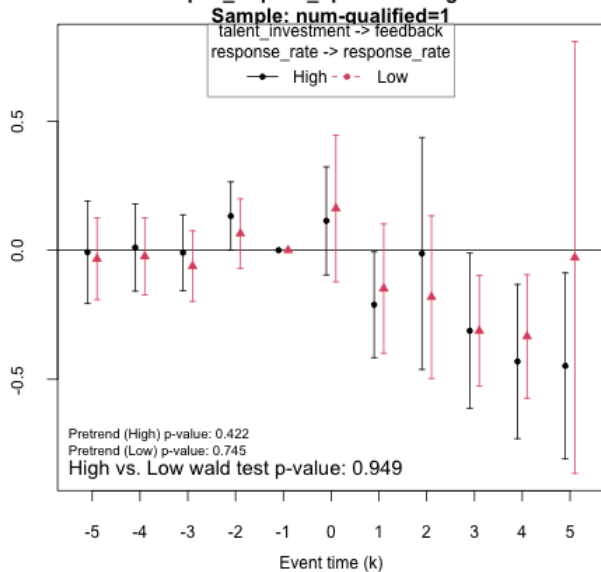
overall_new_release_count rolling5



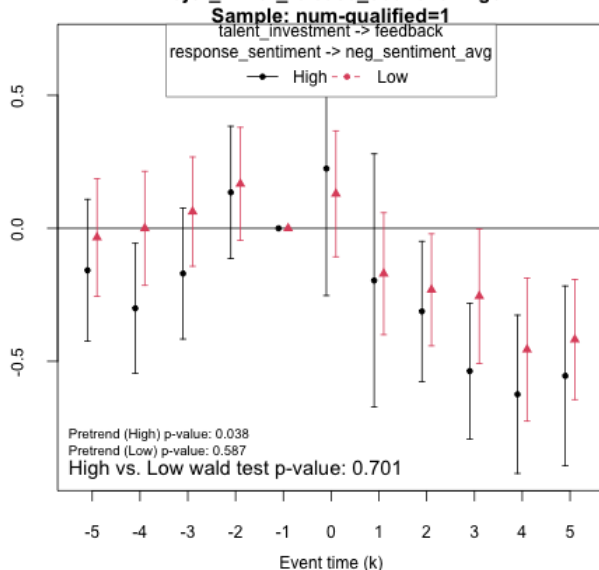
pull_request_merged rolling5



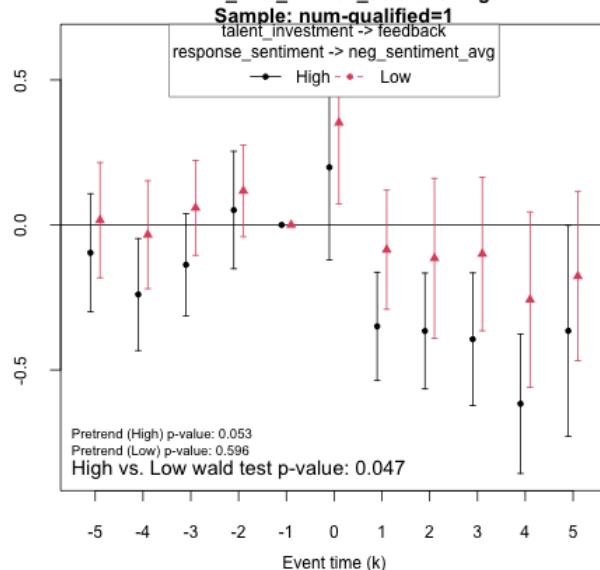
pull_request_opened rolling5



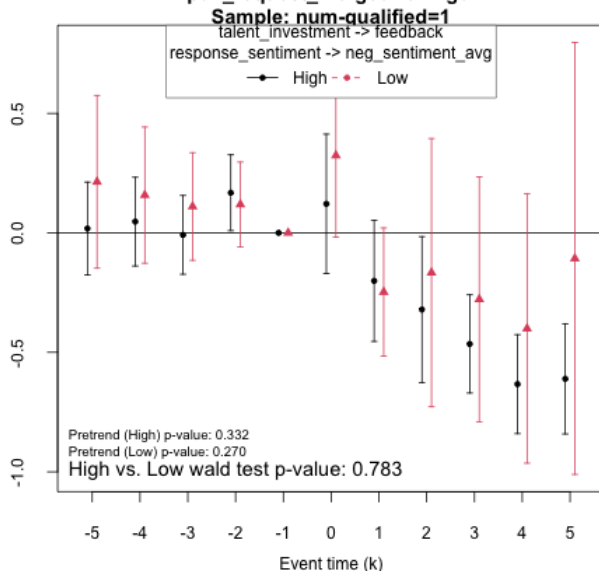
major_minor_release_count rolling5



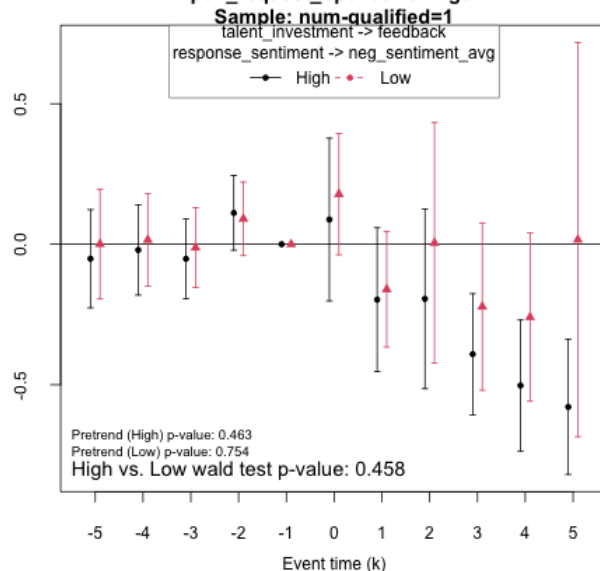
overall_new_release_count rolling5



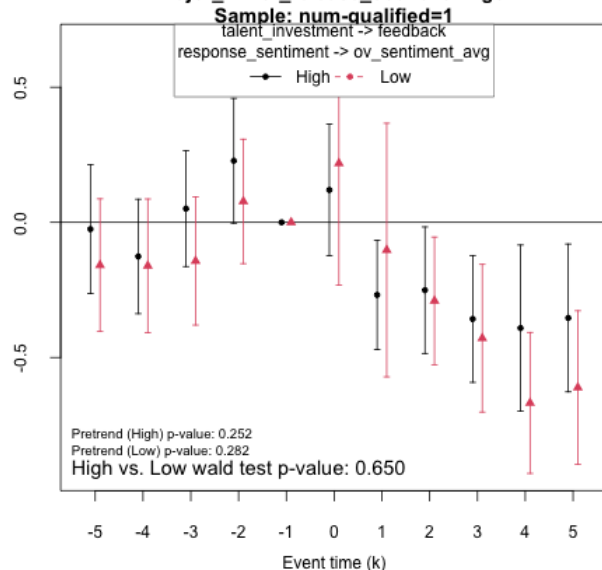
pull_request_merged rolling5



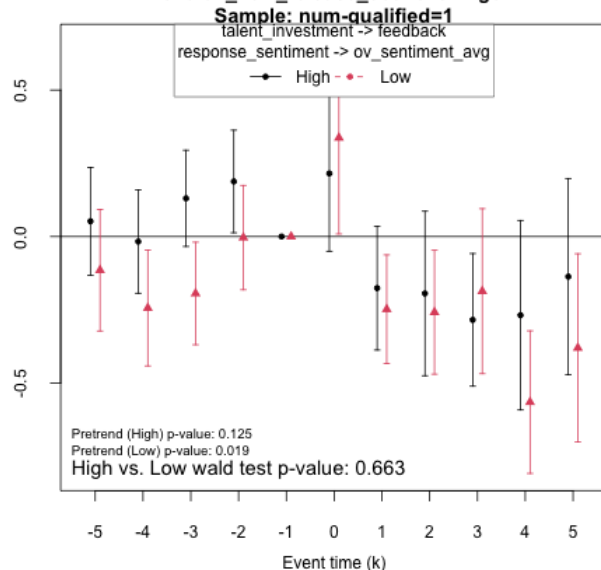
pull_request_opened rolling5



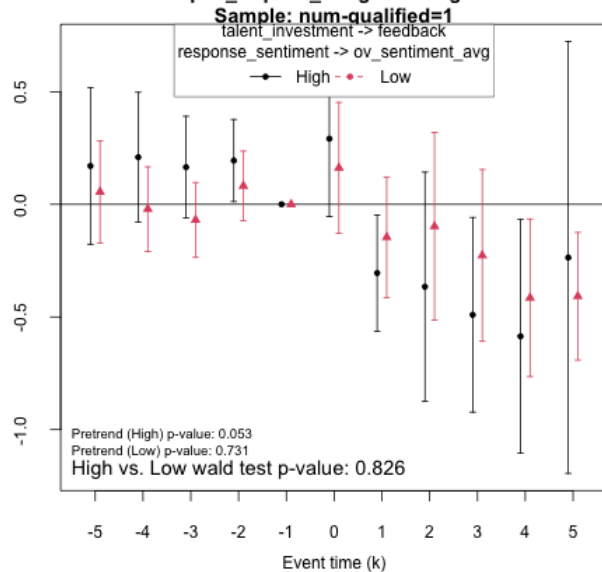
major_minor_release_count rolling5



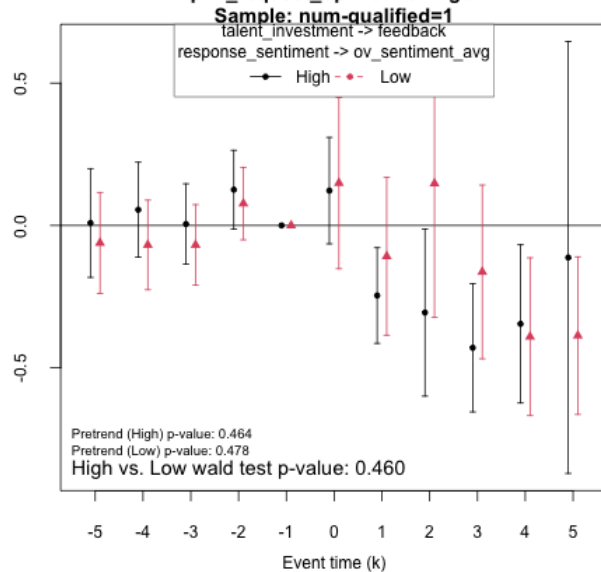
overall_new_release_count rolling5



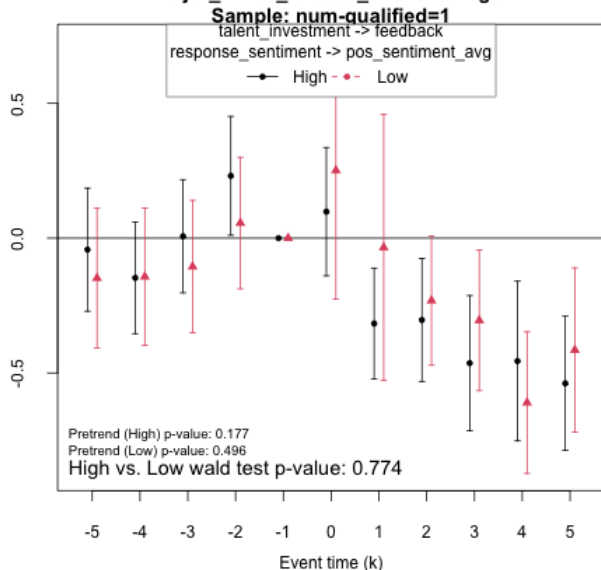
pull_request_merged rolling5



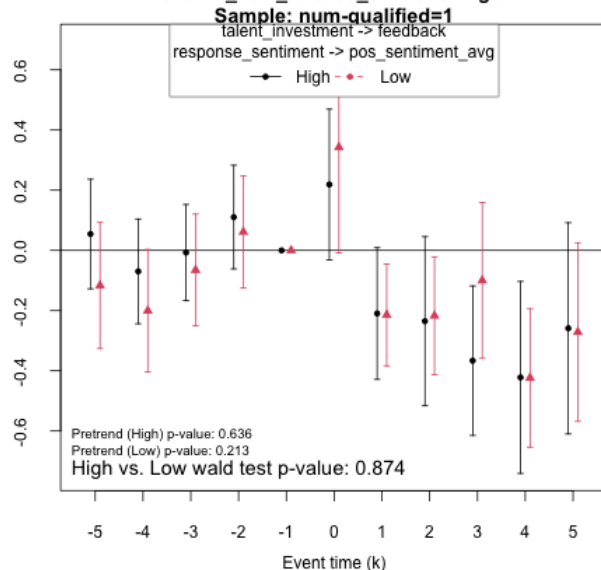
pull_request_opened rolling5



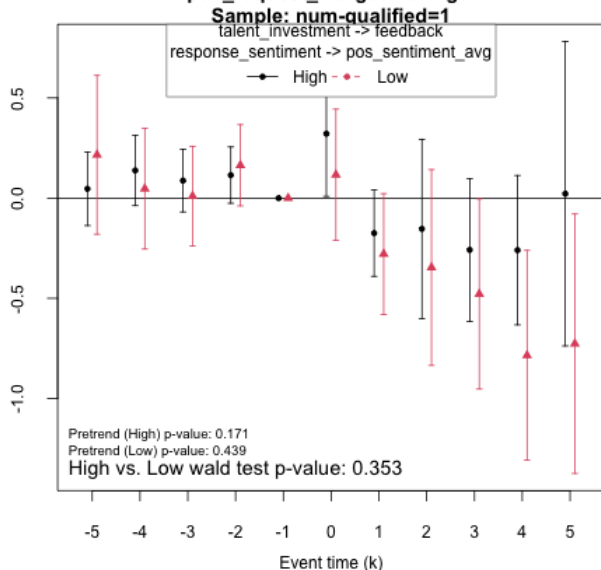
major_minor_release_count rolling5



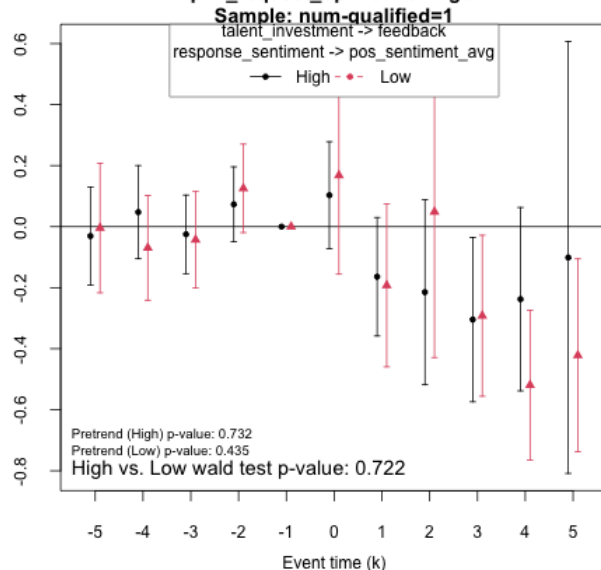
overall_new_release_count rolling5



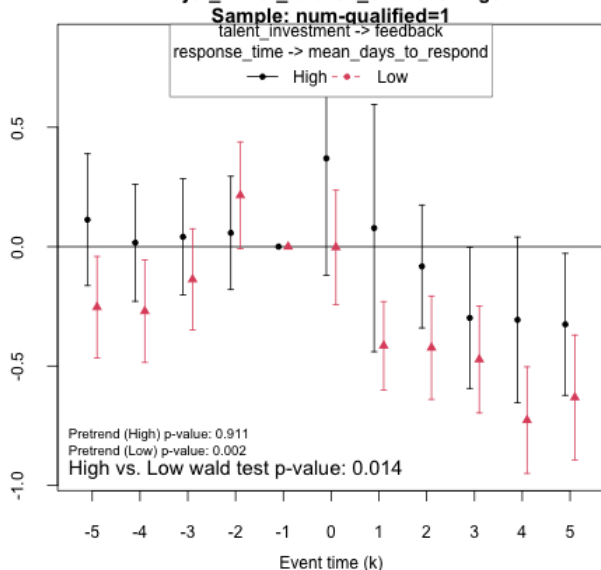
pull_request_merged rolling5



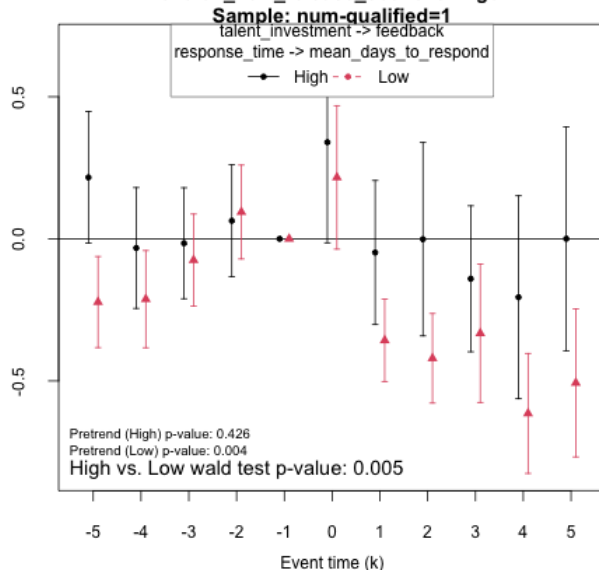
pull_request_opened rolling5



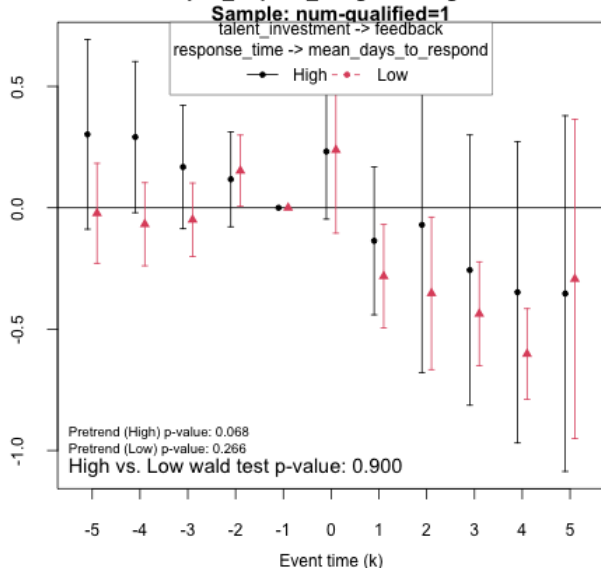
major_minor_release_count rolling5



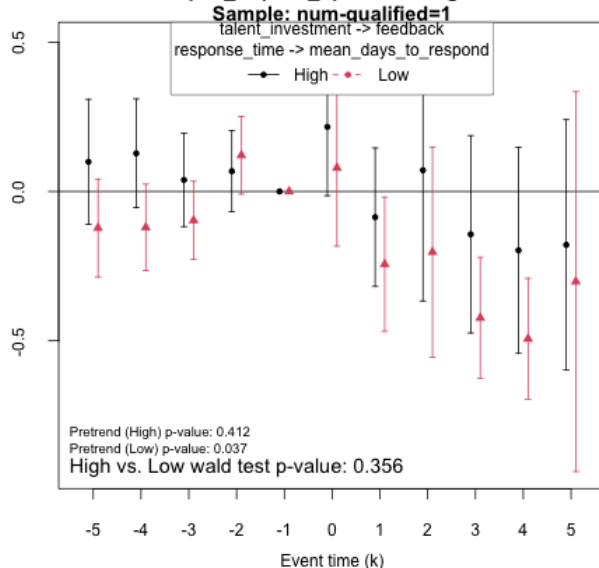
overall_new_release_count rolling5



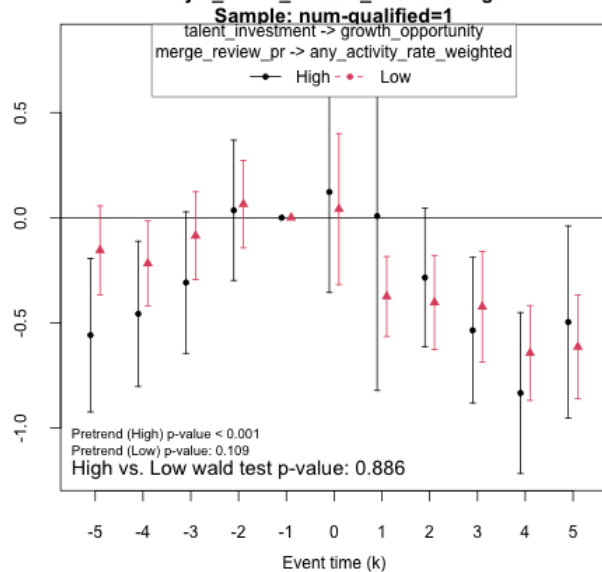
pull_request_merged rolling5



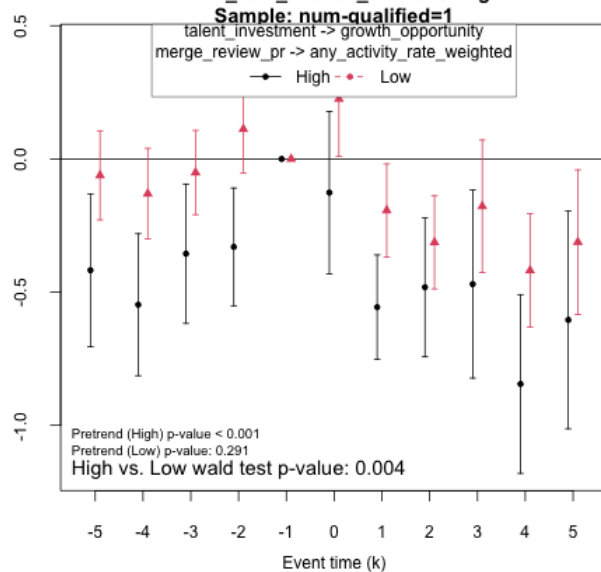
pull_request_opened rolling5



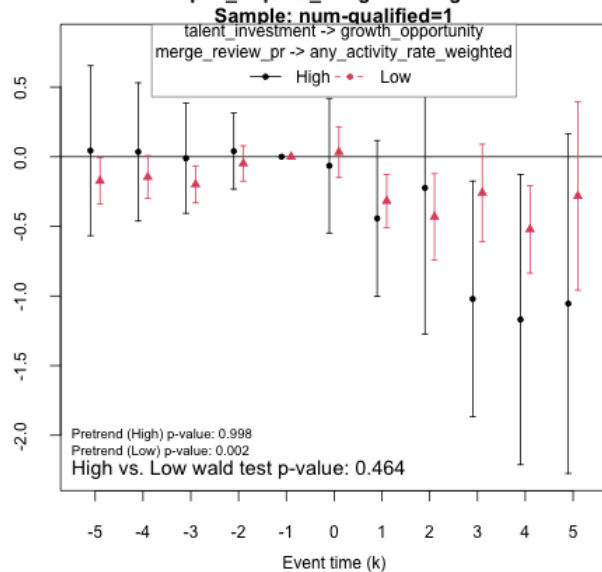
major_minor_release_count rolling5



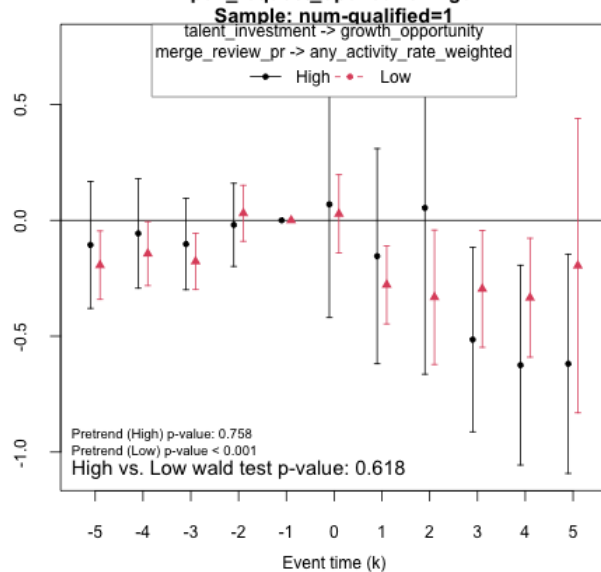
overall_new_release_count rolling5



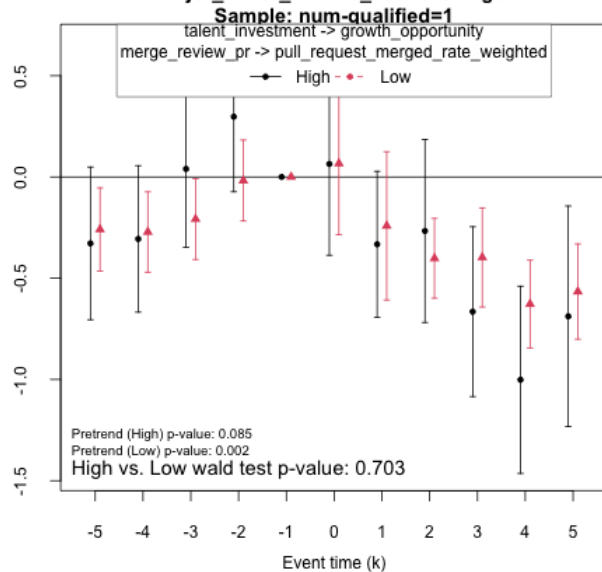
pull_request_merged rolling5



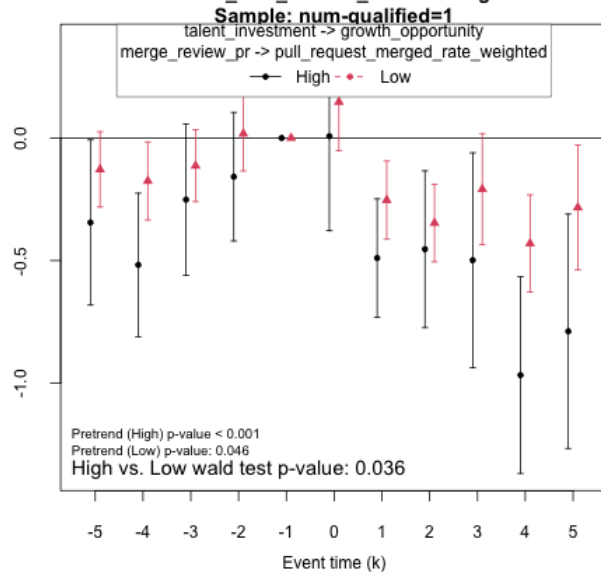
pull_request_opened rolling5



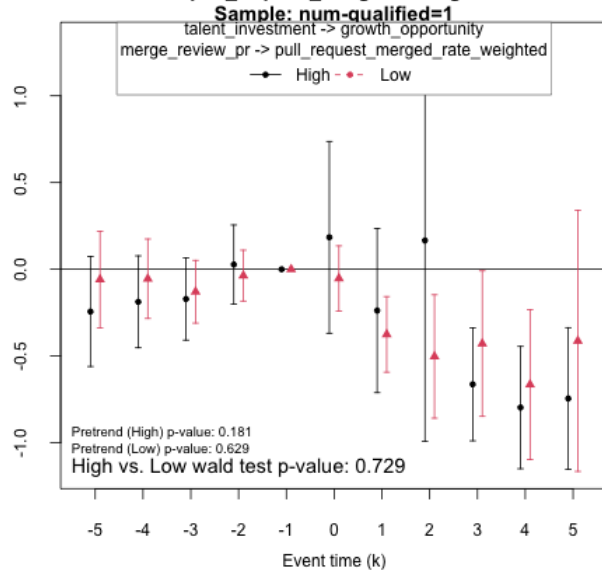
major_minor_release_count rolling5



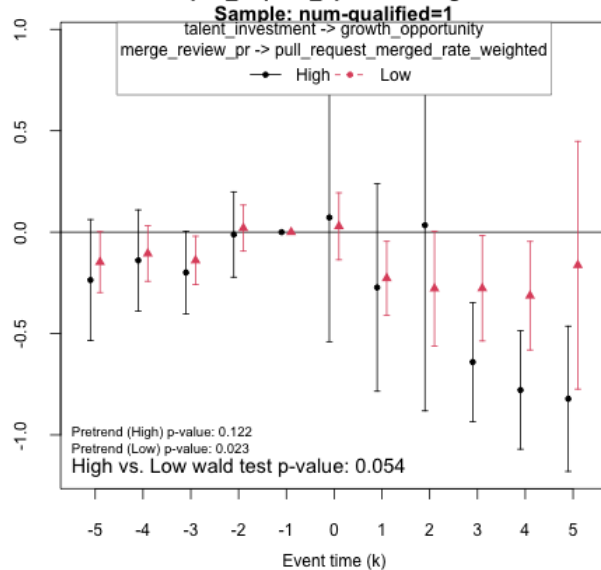
overall_new_release_count rolling5



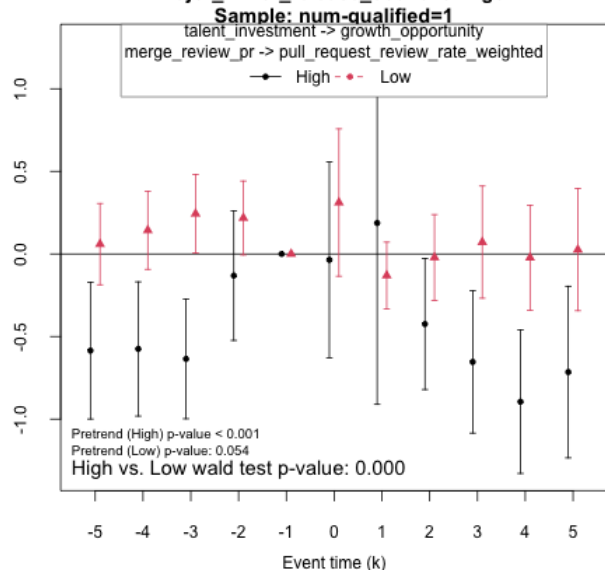
pull_request_merged rolling5



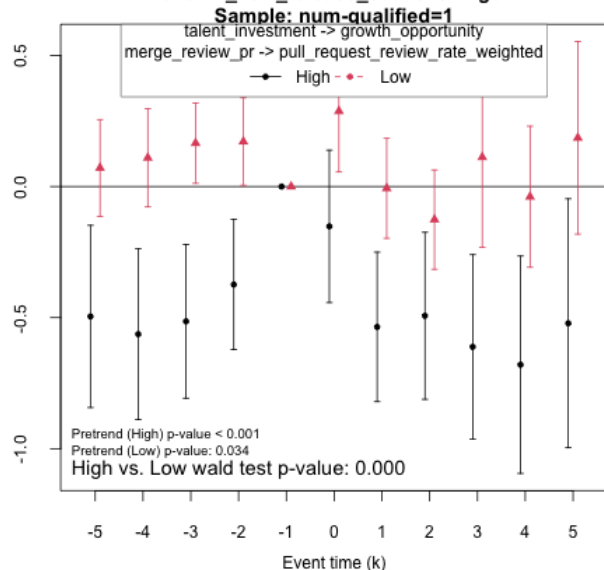
pull_request_opened rolling5



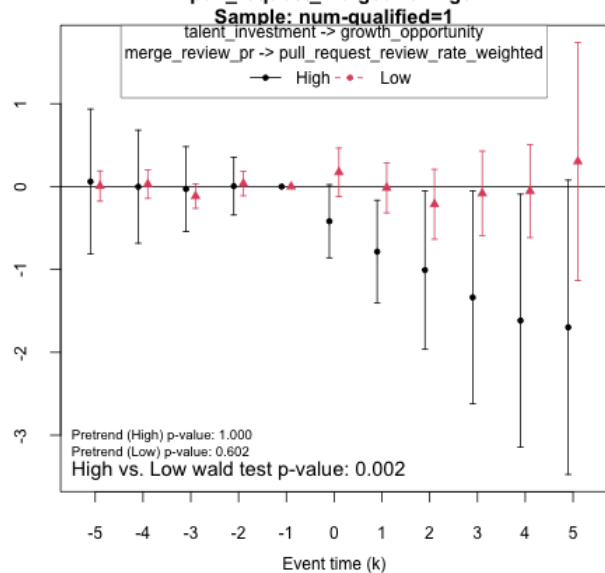
major_minor_release_count rolling5



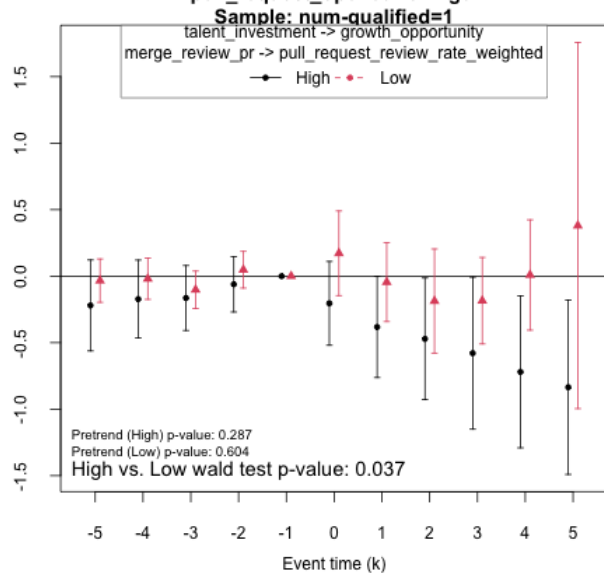
overall_new_release_count rolling5



pull_request_merged rolling5



pull_request_opened rolling5

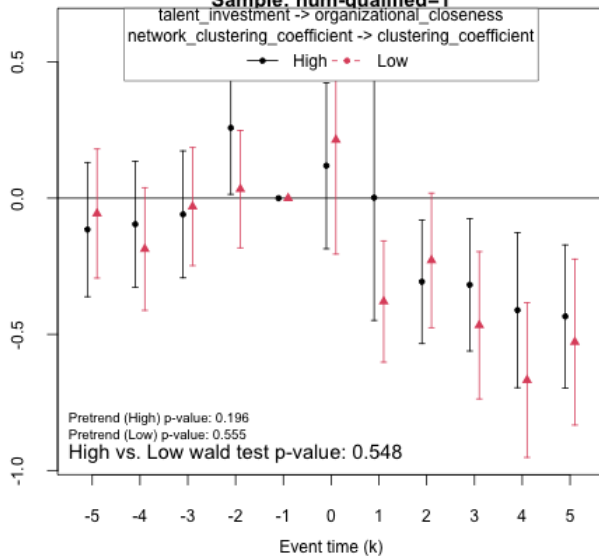


major_minor_release_count rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low

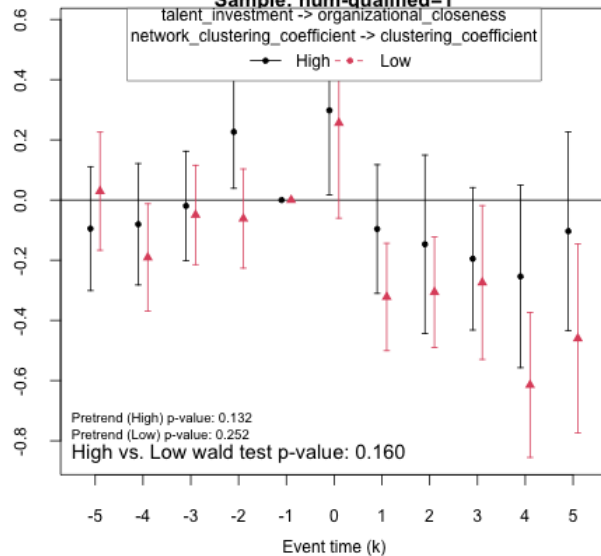


overall_new_release_count rolling5

Sample: num-qualified=1

talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient

—●— High —●— Low

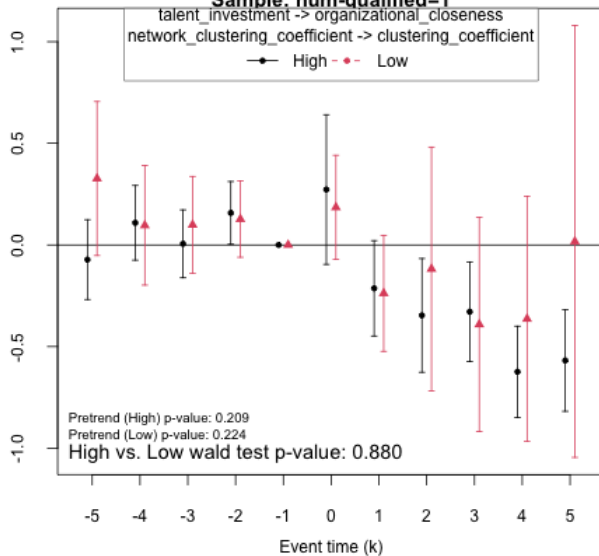


pull_request_merged rolling5

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

