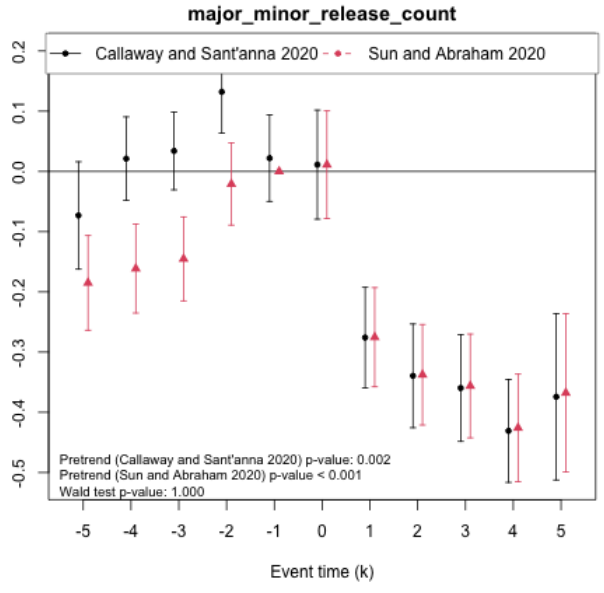
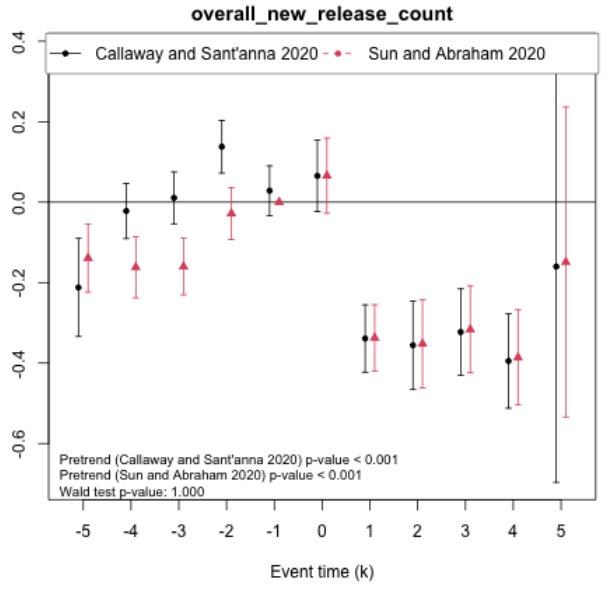
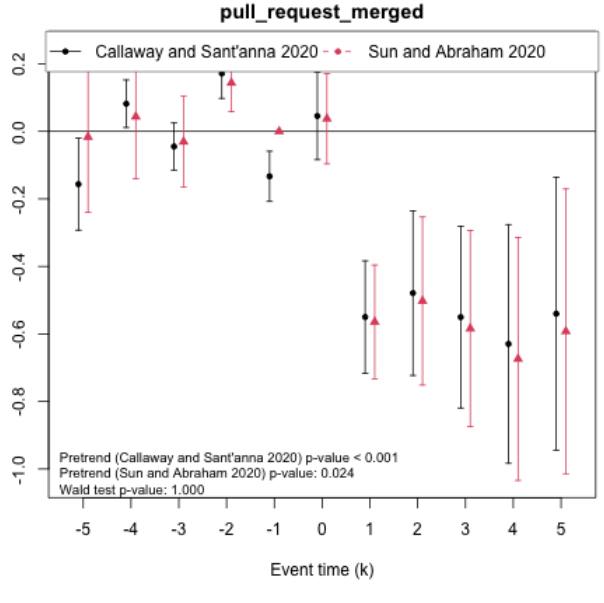
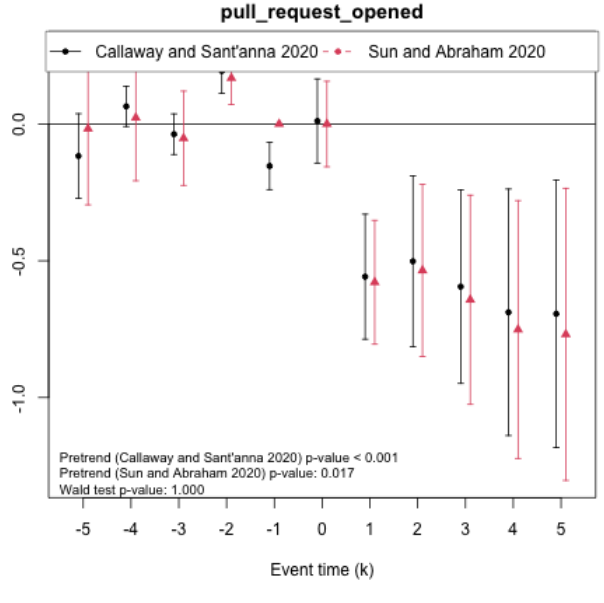
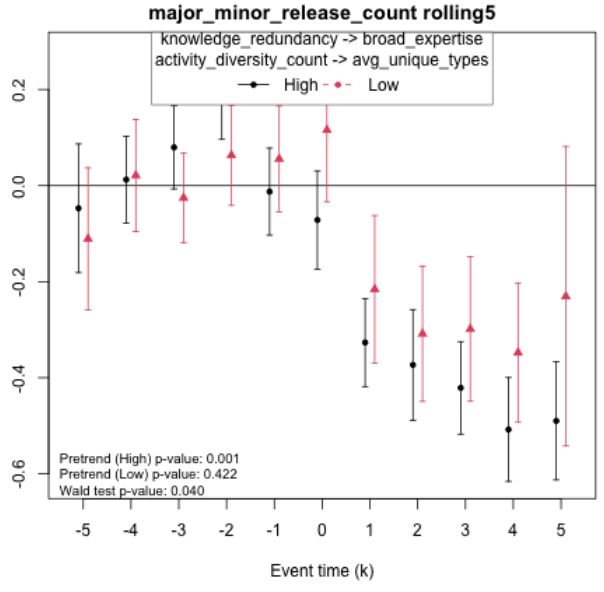
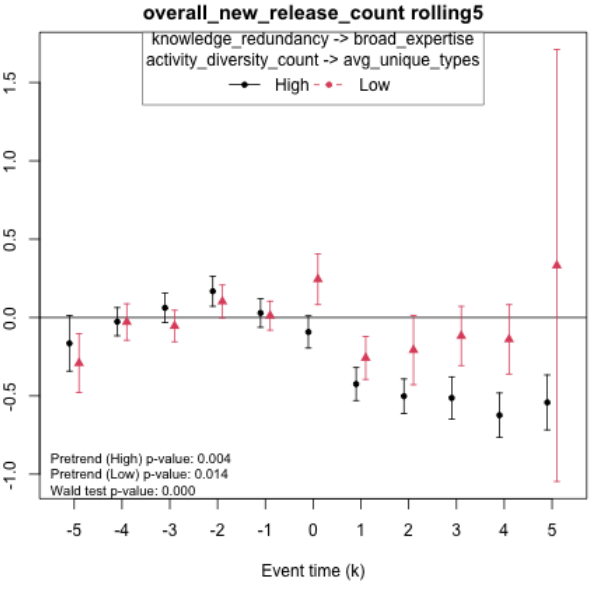

major_minor_release_count
Callaway and Sant'anna 2020
Sun and Abraham 2020
Pretrend (Callaway and Sant'anna 2020) p-value: 0.002
Pretrend (Sun and Abraham 2020) p-value < 0.001
Wald test p-value: 1.000
Event time (k)

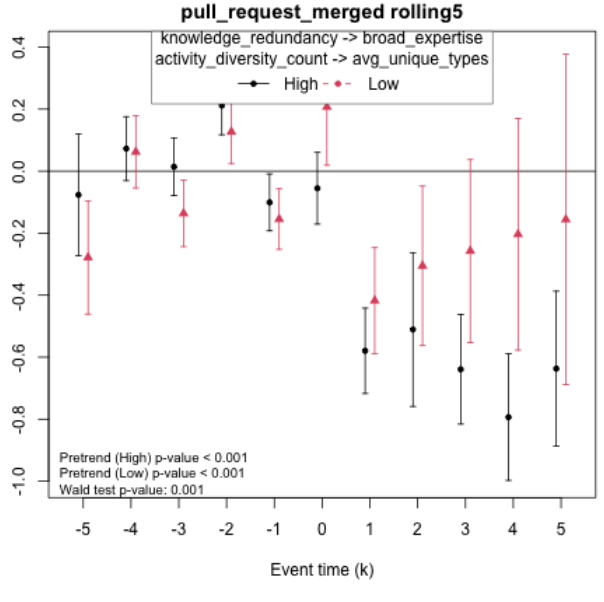

overall_new_release_count
Callaway and Sant'anna 2020
Sun and Abraham 2020
Pretrend (Callaway and Sant'anna 2020) p-value < 0.001
Pretrend (Sun and Abraham 2020) p-value < 0.001
Wald test p-value: 1.000
Event time (k)

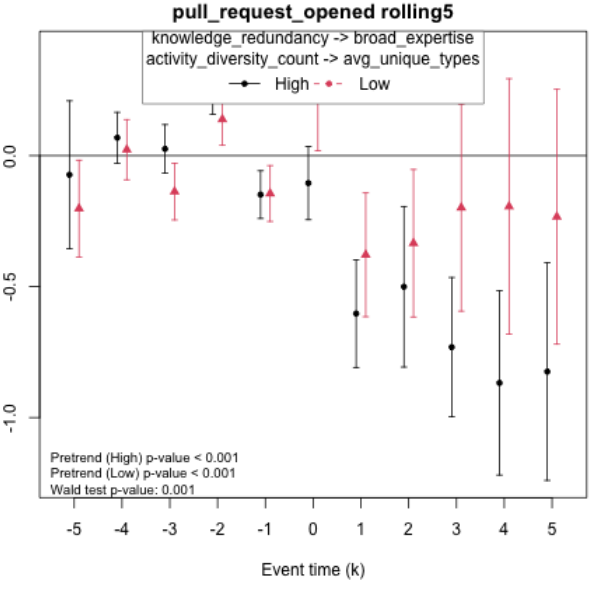

pull_request_merged
Callaway and Sant'anna 2020
Sun and Abraham 2020
Pretrend (Callaway and Sant'anna 2020) p-value < 0.001
Pretrend (Sun and Abraham 2020) p-value: 0.024
Wald test p-value: 1.000
Event time (k)

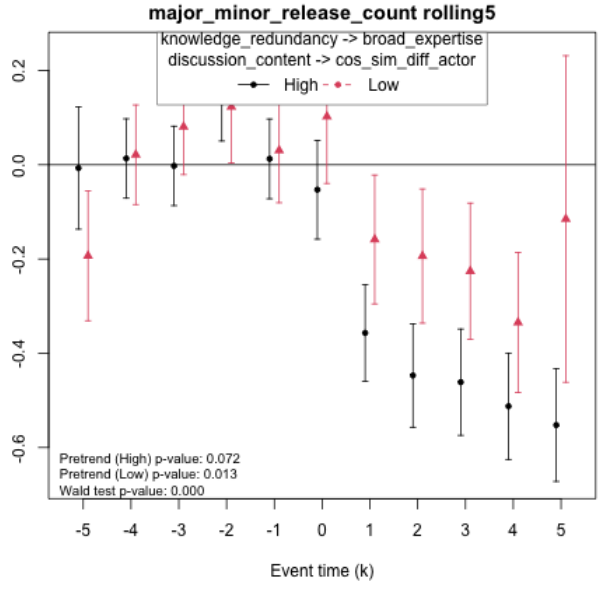

pull_request_opened
Callaway and Sant'anna 2020
Sun and Abraham 2020
Pretrend (Callaway and Sant'anna 2020) p-value < 0.001
Pretrend (Sun and Abraham 2020) p-value: 0.017
Wald test p-value: 1.000
Event time (k)

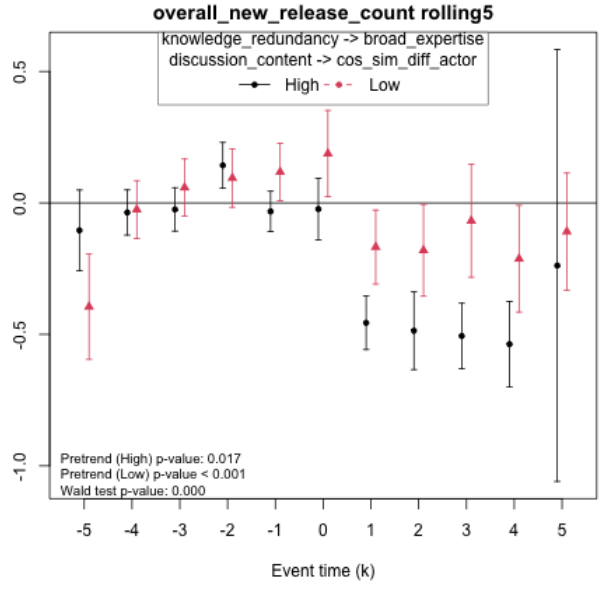

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.001
Pretrend (Low) p-value: 0.422
Wald test p-value: 0.040
Event time (k)

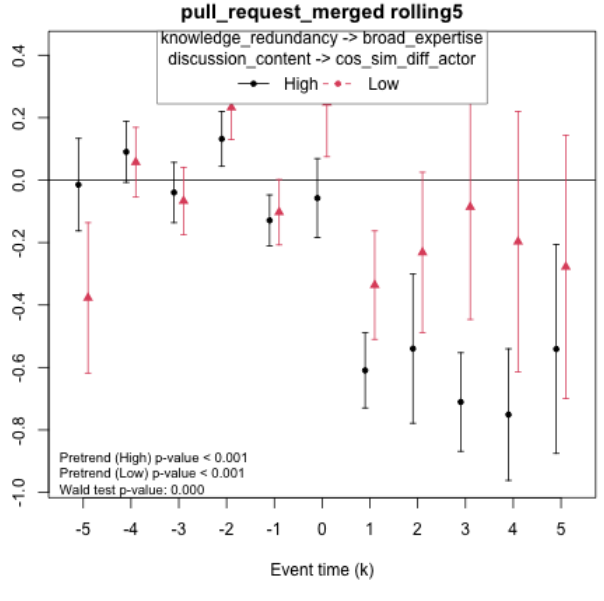

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.004
Pretrend (Low) p-value: 0.014
Wald test p-value: 0.000
Event time (k)

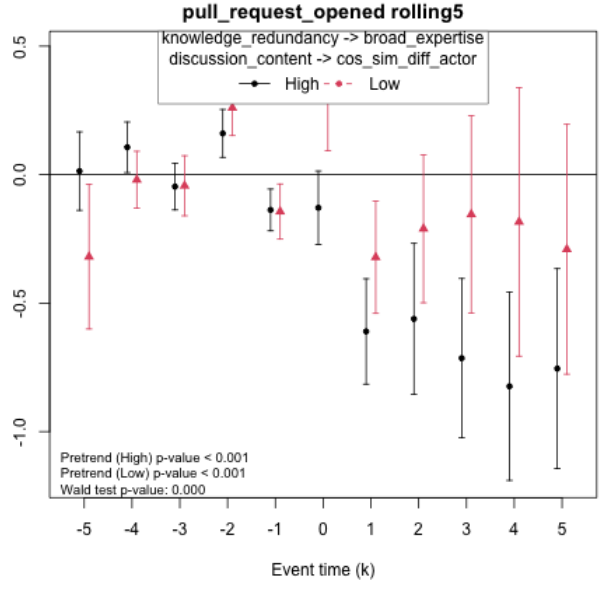

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.001
Event time (k)

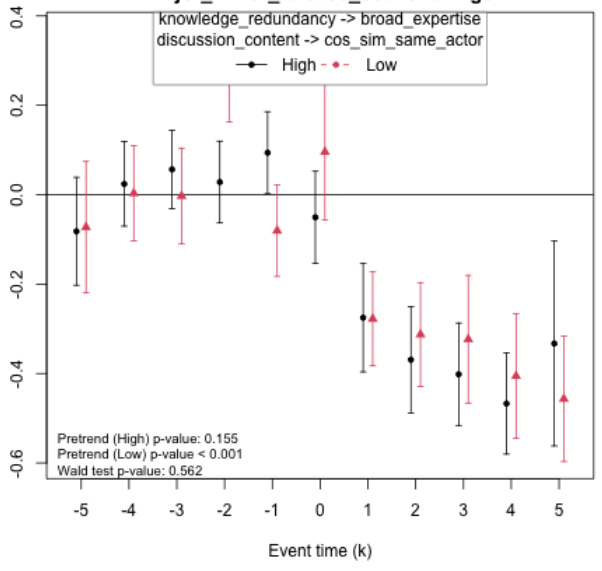

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.001
Event time (k)

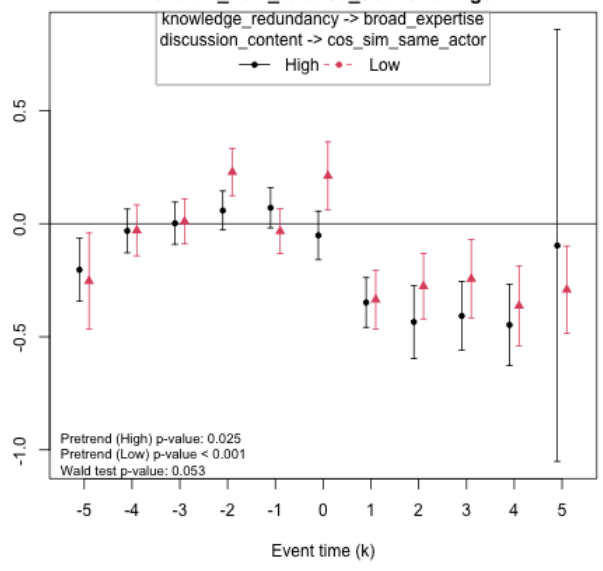

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value: 0.072
Pretrend (Low) p-value: 0.013
Wald test p-value: 0.000
Event time (k)

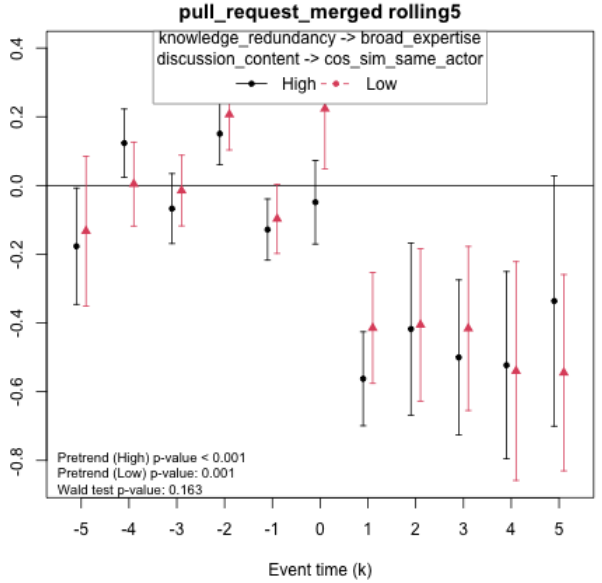

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value: 0.017
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

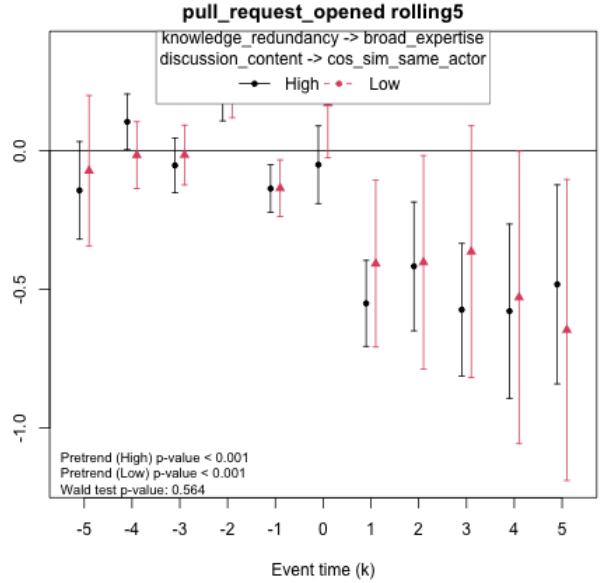

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

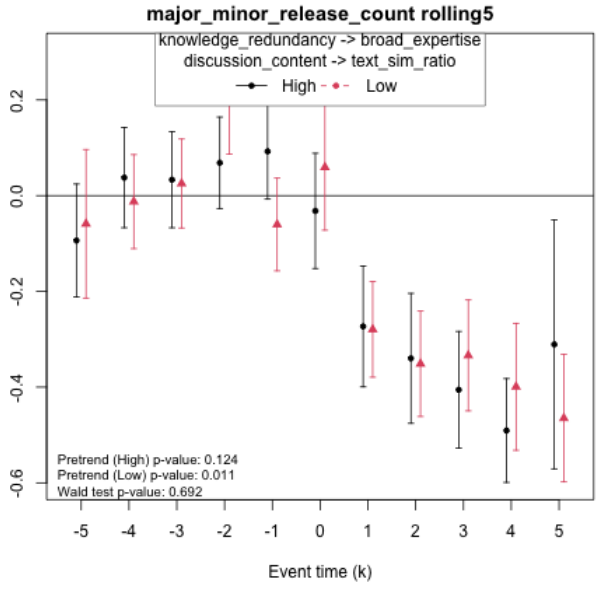

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

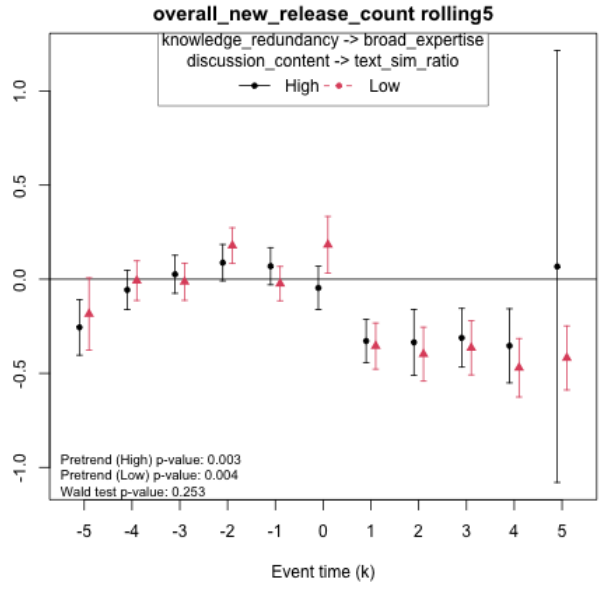

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value: 0.155
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.562
Event time (k)

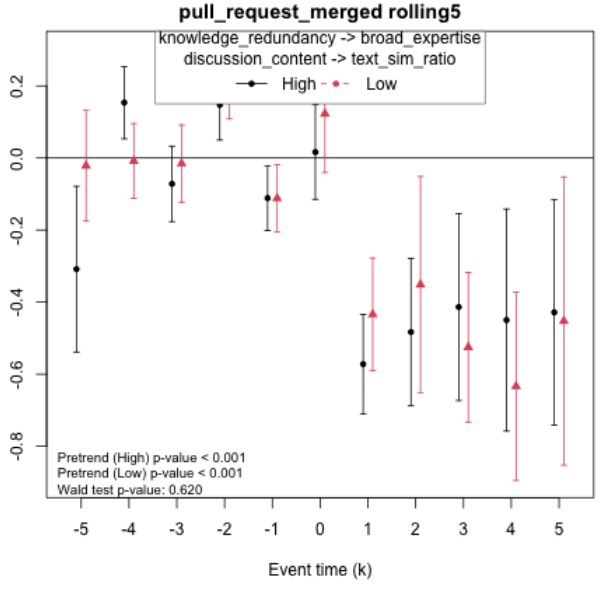

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value: 0.025
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.053
Event time (k)

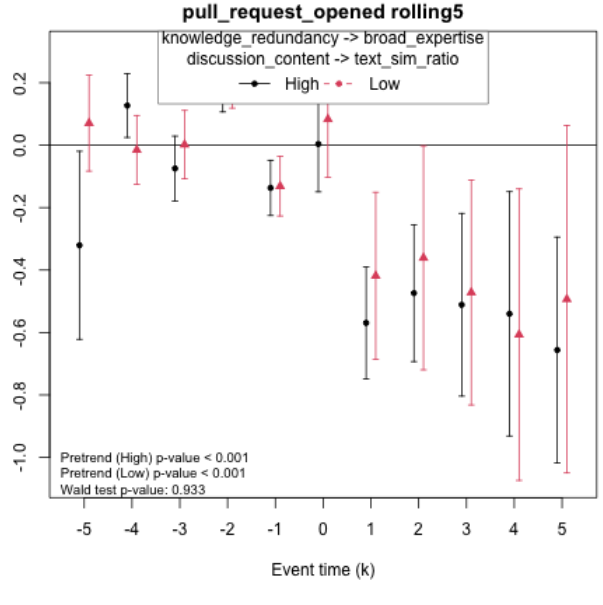

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.001
Wald test p-value: 0.163
Event time (k)

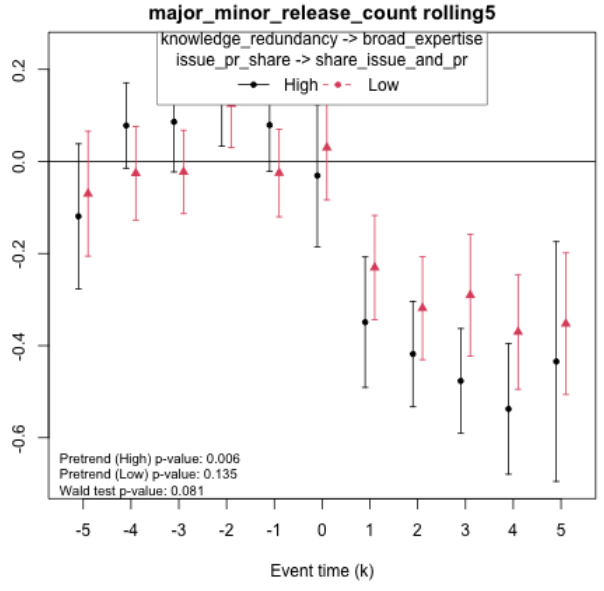

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.564
Event time (k)

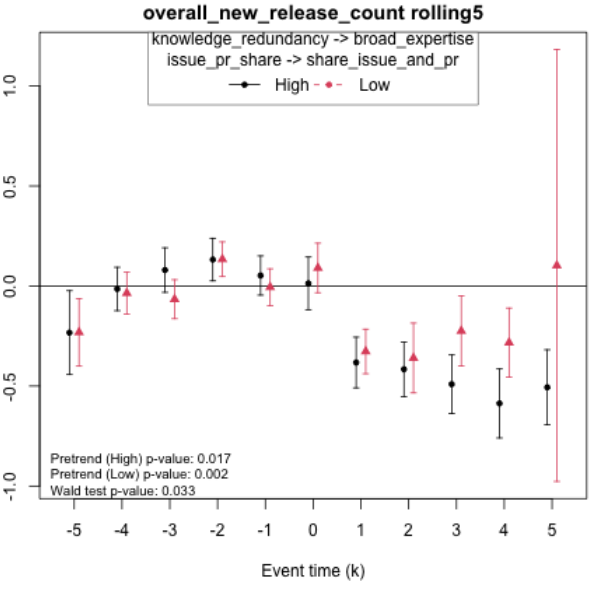

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.124
Pretrend (Low) p-value: 0.011
Wald test p-value: 0.692
Event time (k)

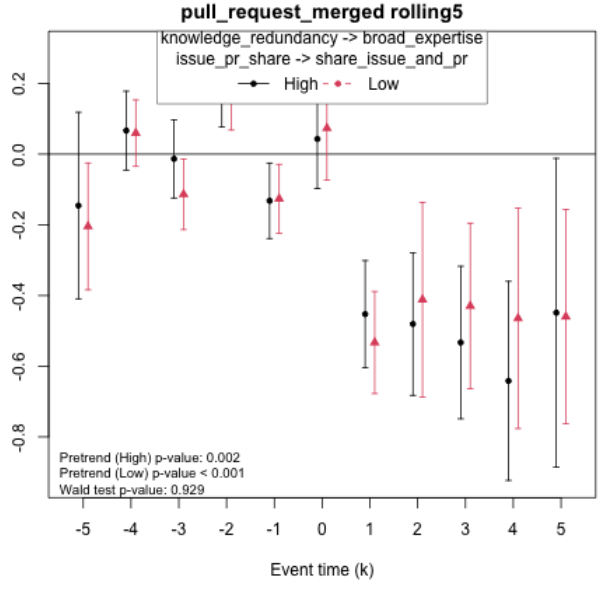

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.003
Pretrend (Low) p-value: 0.004
Wald test p-value: 0.253
Event time (k)

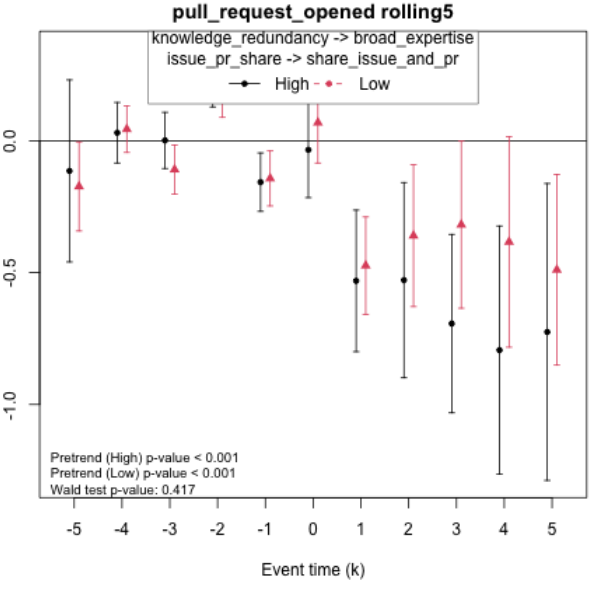

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.620
Event time (k)

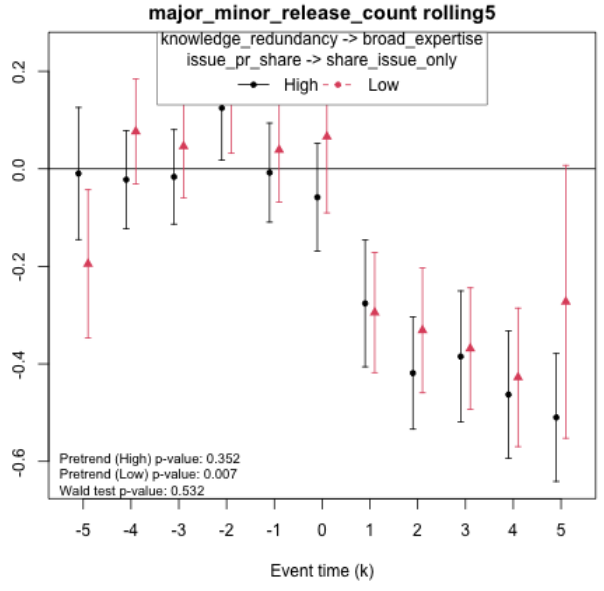

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.933
Event time (k)

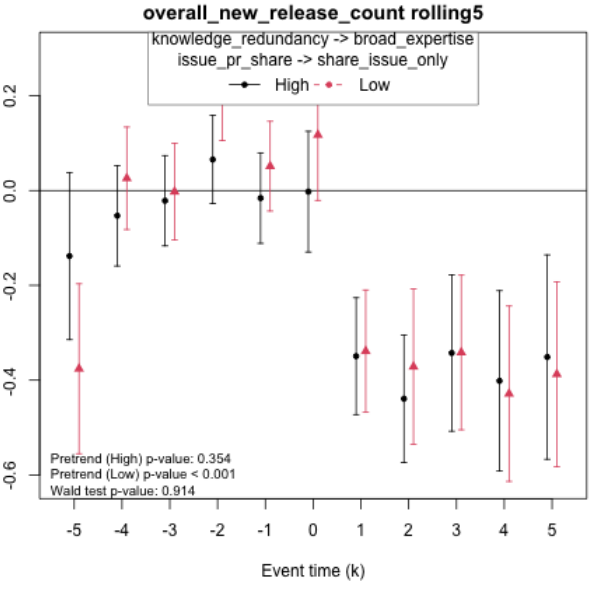

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.006
Pretrend (Low) p-value: 0.135
Wald test p-value: 0.081
Event time (k)

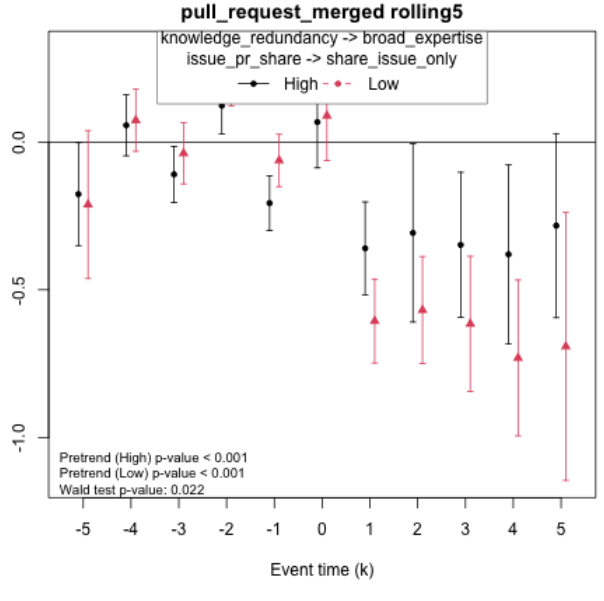

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.017
Pretrend (Low) p-value: 0.002
Wald test p-value: 0.033
Event time (k)

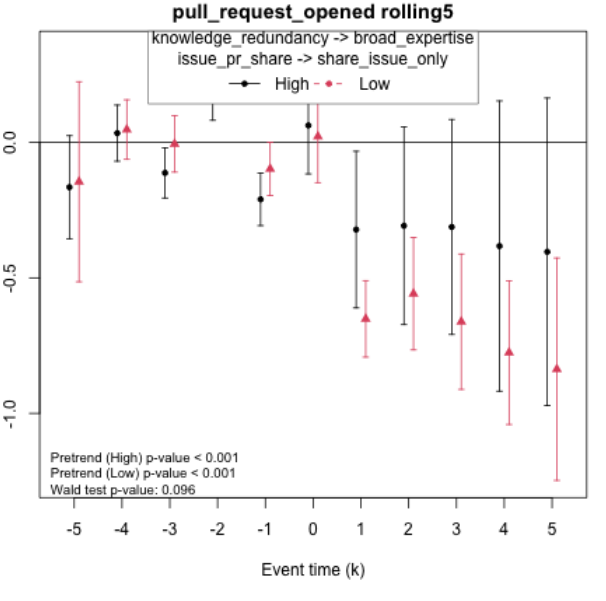

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.929
Event time (k)

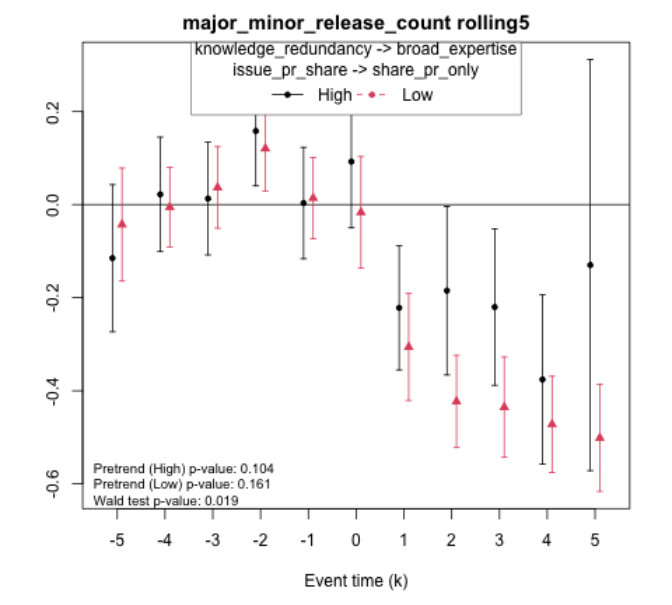

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.417
Event time (k)

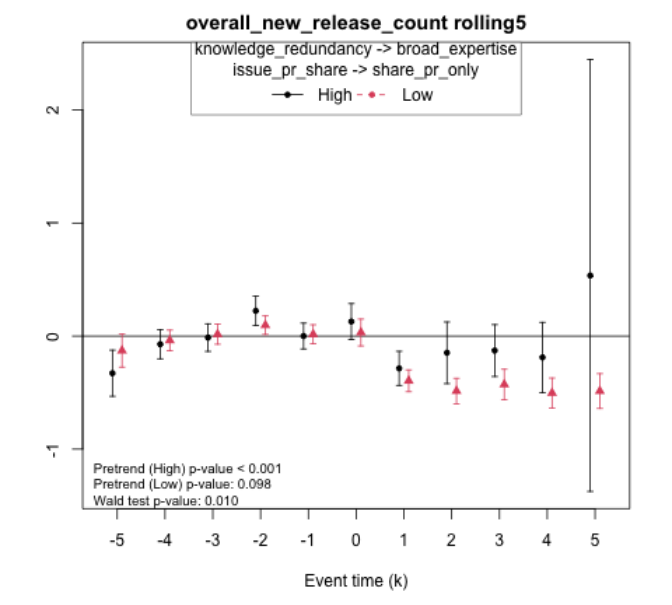

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value: 0.352
Pretrend (Low) p-value: 0.007
Wald test p-value: 0.532
Event time (k)

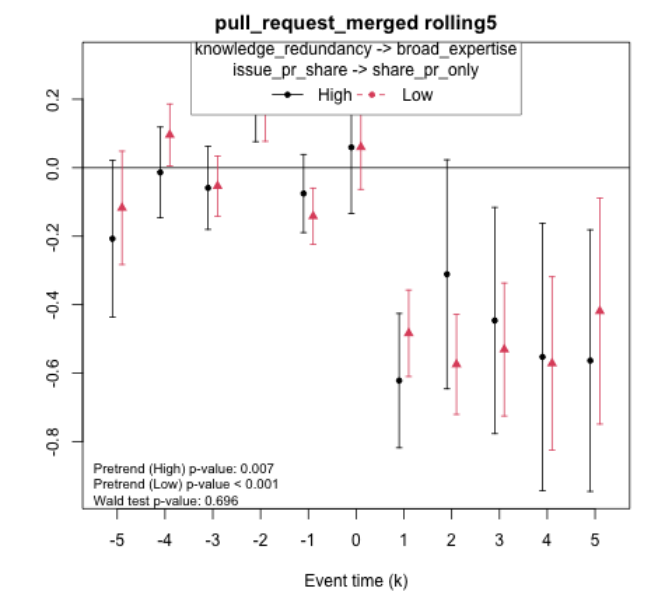

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value: 0.354
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.914
Event time (k)

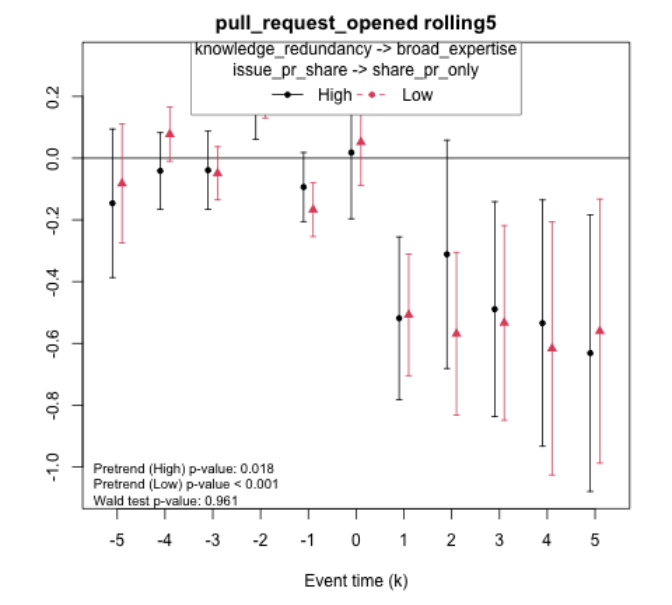

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.022
Event time (k)

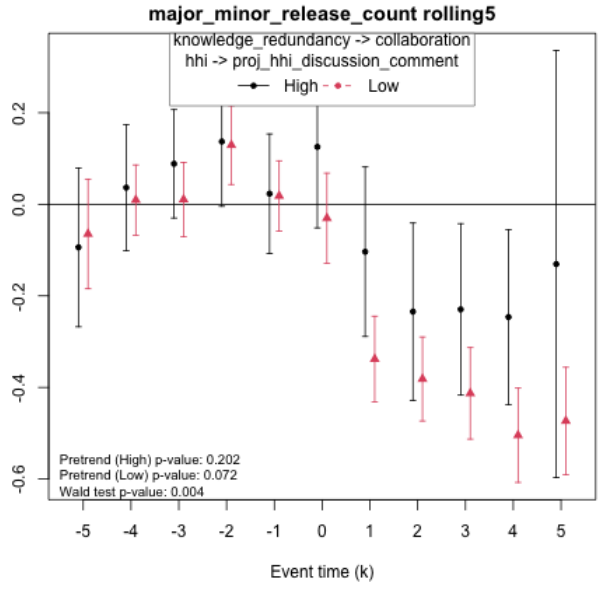

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.096
Event time (k)

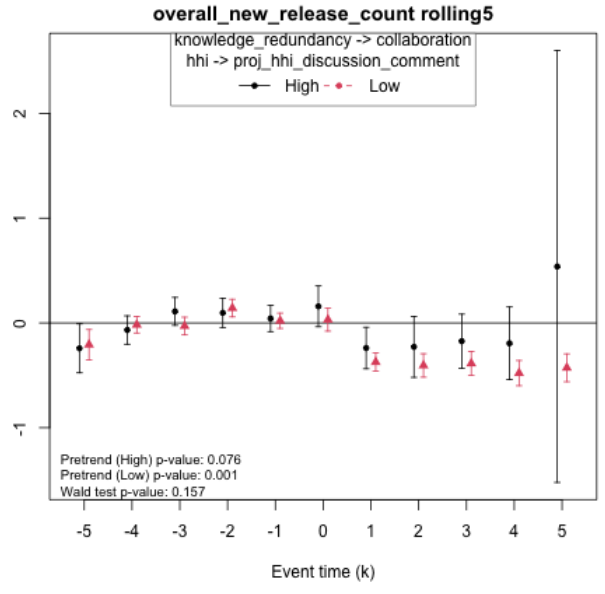

major_minor_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value: 0.104
Pretrend (Low) p-value: 0.161
Wald test p-value: 0.019
Event time (k)

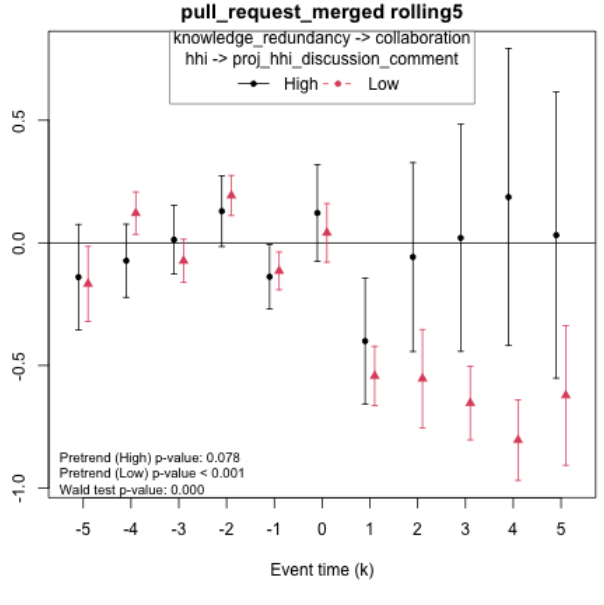

overall_new_release_count rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.098
Wald test p-value: 0.010
Event time (k)

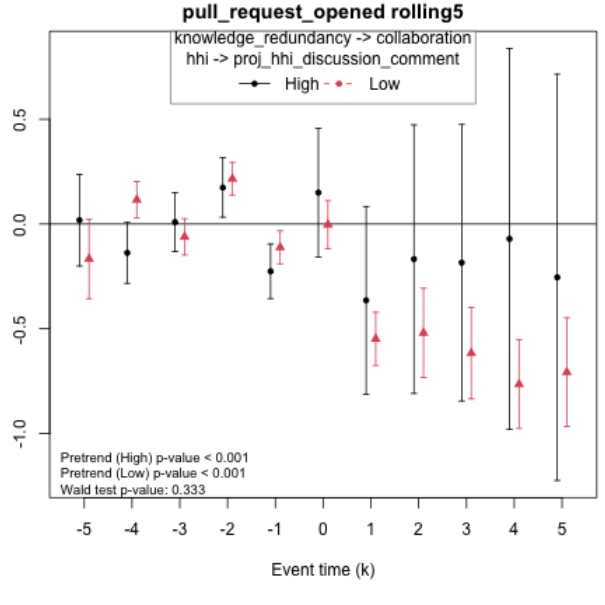

pull_request_merged rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value: 0.007
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.696
Event time (k)

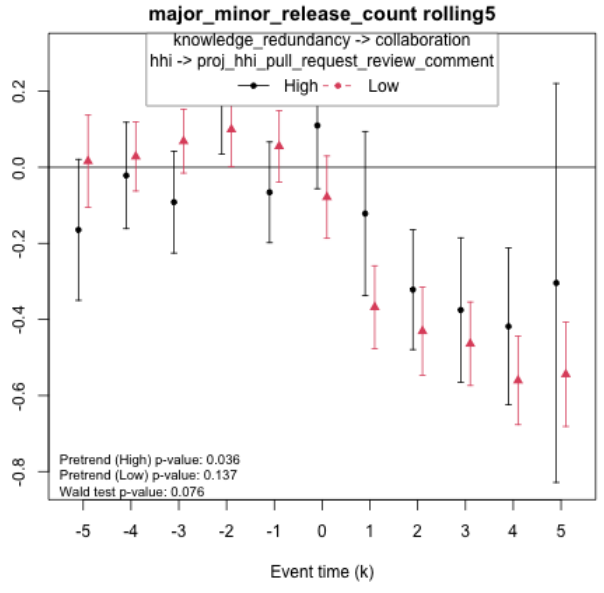

pull_request_opened rolling5
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value: 0.018
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.961
Event time (k)

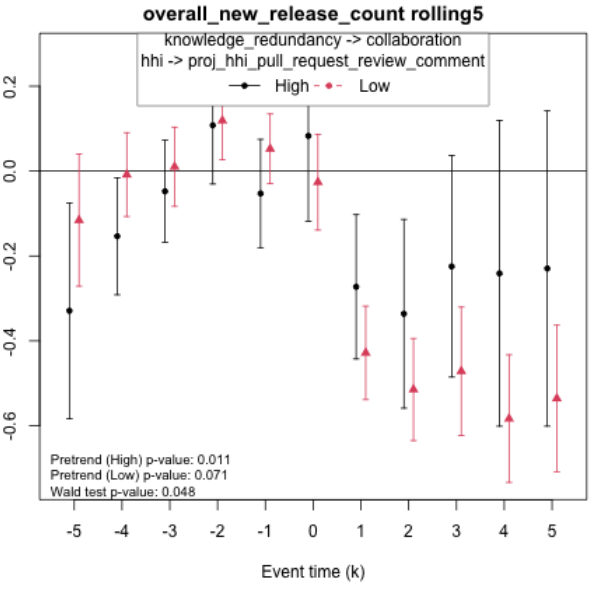

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value: 0.202
Pretrend (Low) p-value: 0.072
Wald test p-value: 0.004
Event time (k)

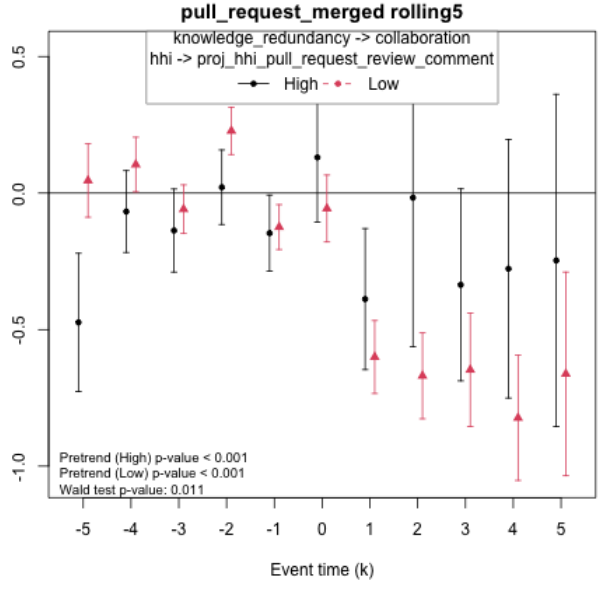

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value: 0.076
Pretrend (Low) p-value: 0.001
Wald test p-value: 0.157
Event time (k)

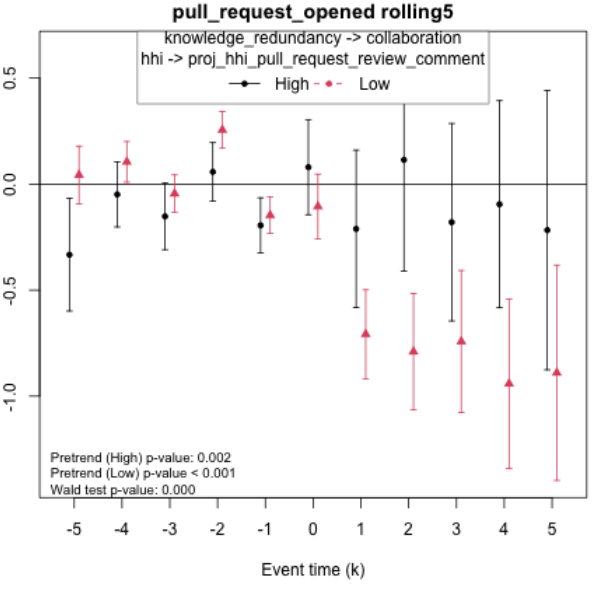

pull_request_merged rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value: 0.078
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

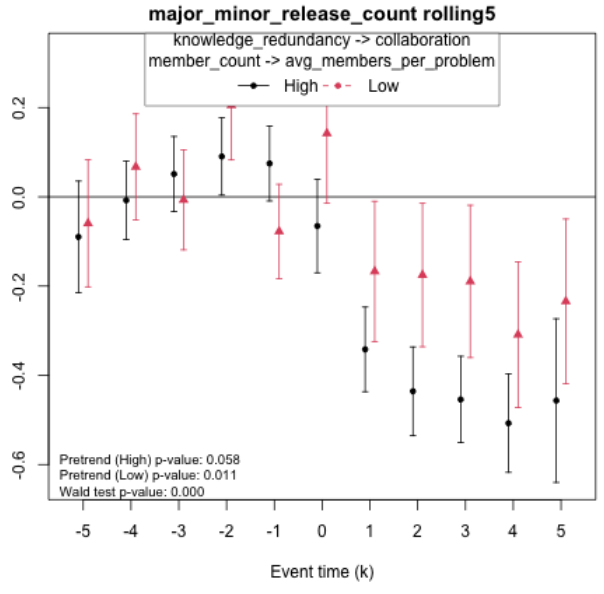

pull_request_opened rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.333
Event time (k)

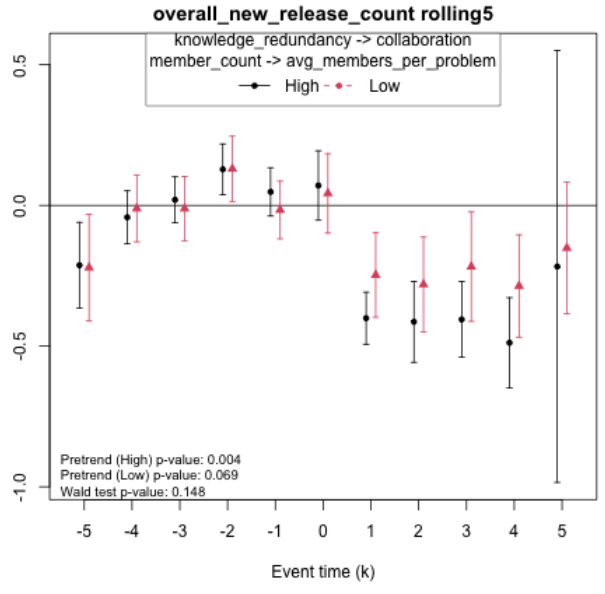

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.036
Pretrend (Low) p-value: 0.137
Wald test p-value: 0.076
Event time (k)

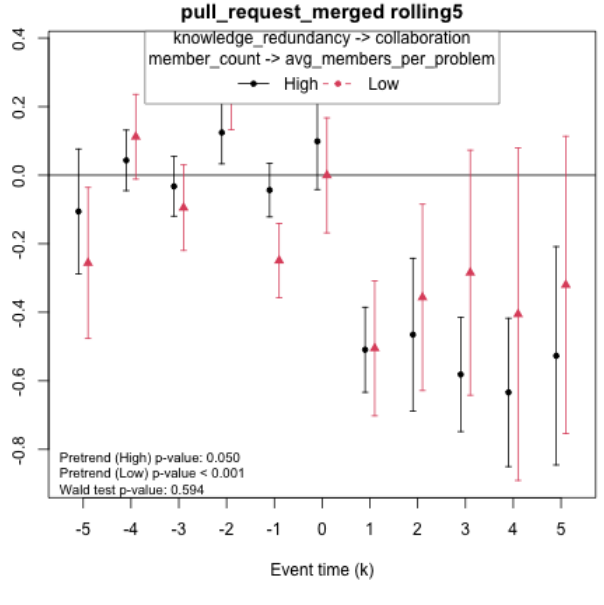

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.011
Pretrend (Low) p-value: 0.071
Wald test p-value: 0.048
Event time (k)

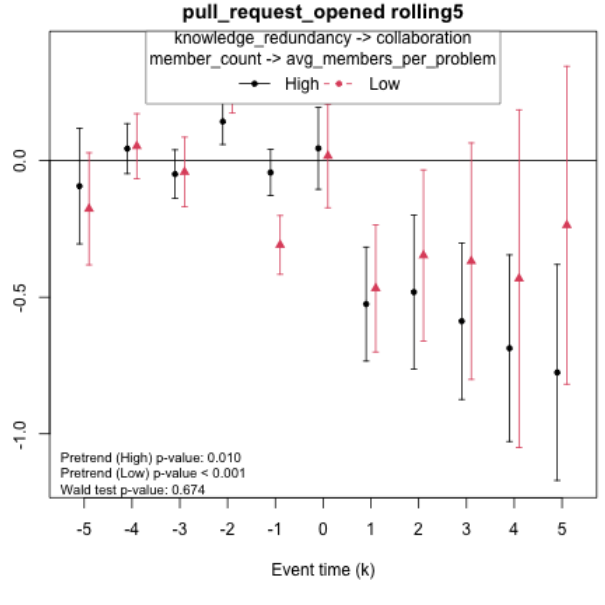

pull_request_merged rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.011
Event time (k)

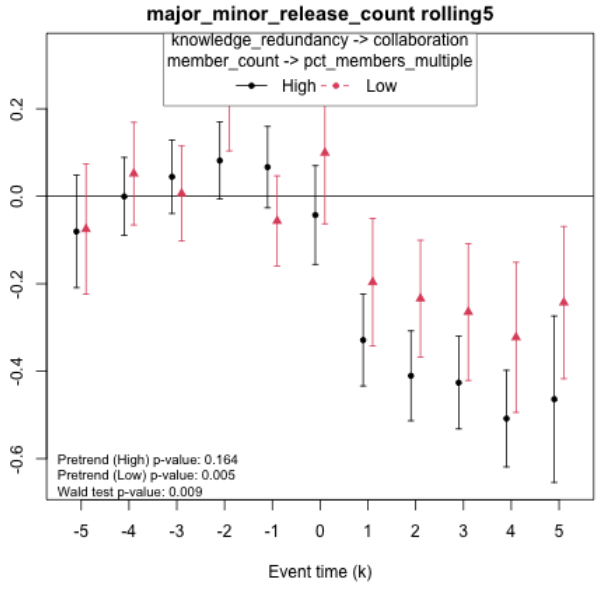

pull_request_opened rolling5
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

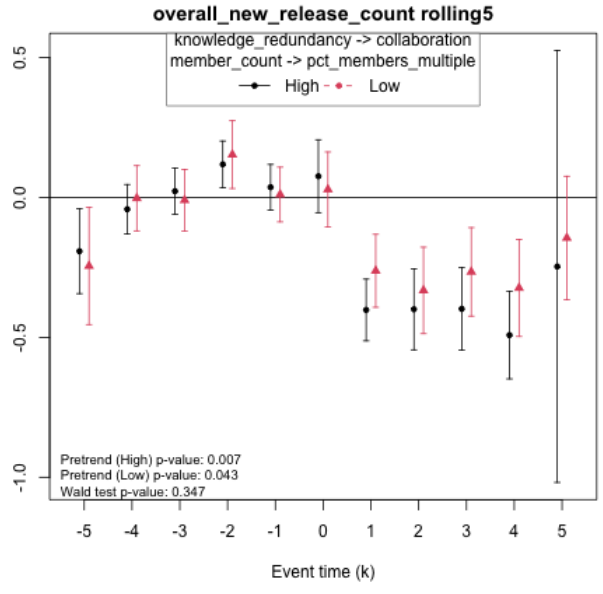

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.058
Pretrend (Low) p-value: 0.011
Wald test p-value: 0.000
Event time (k)

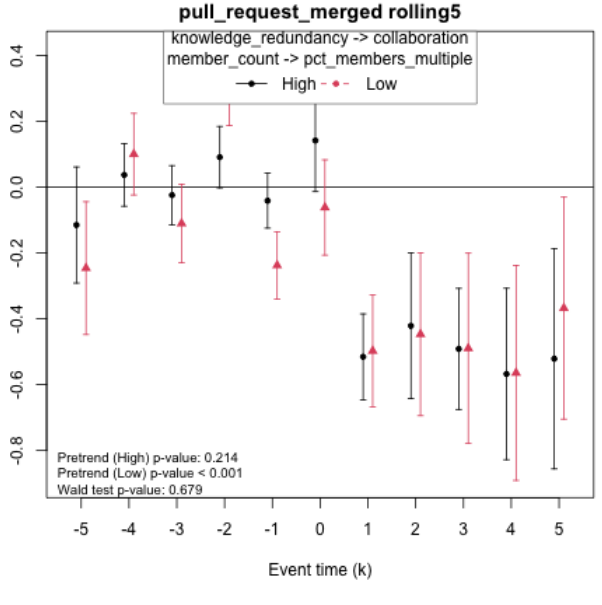

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.004
Pretrend (Low) p-value: 0.069
Wald test p-value: 0.148
Event time (k)

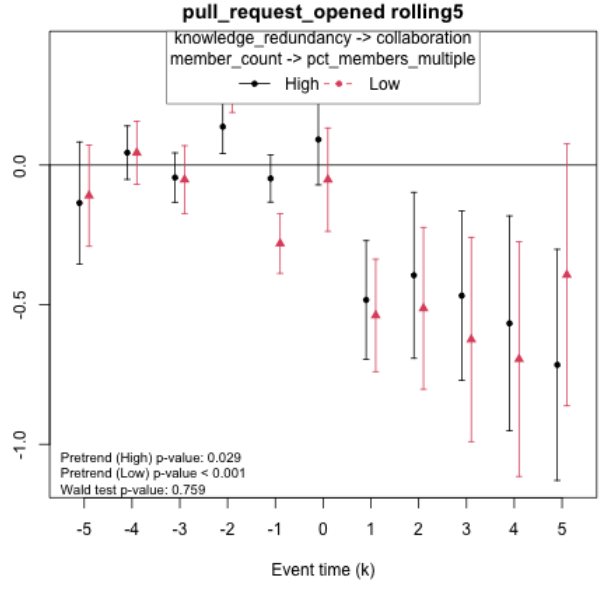

pull_request_merged rolling5
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.050
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.594
Event time (k)

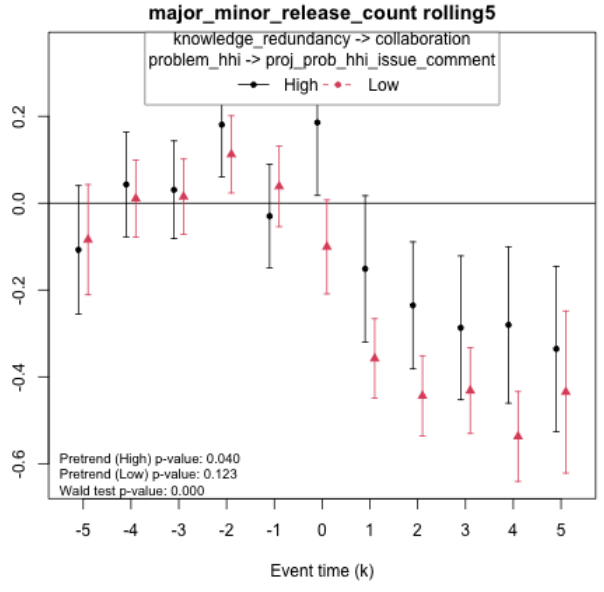

pull_request_opened rolling5
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.010
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.674
Event time (k)

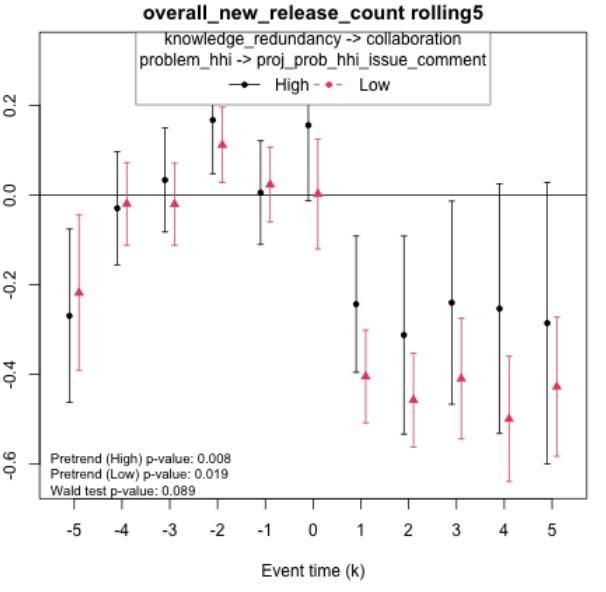

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.164
Pretrend (Low) p-value: 0.005
Wald test p-value: 0.009
Event time (k)

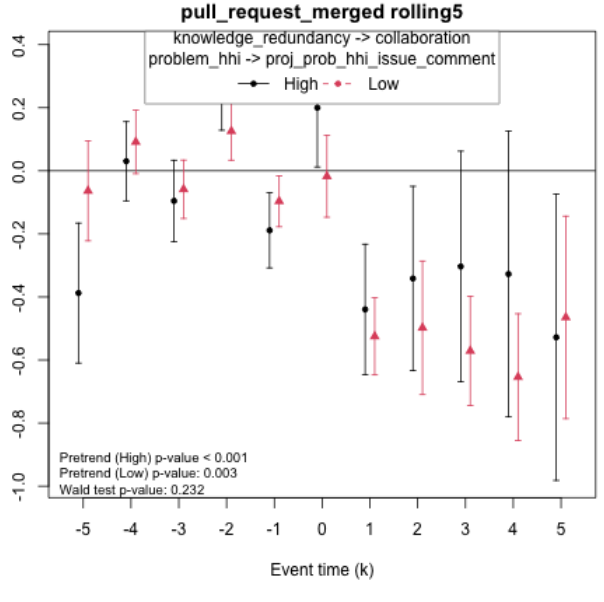

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.007
Pretrend (Low) p-value: 0.043
Wald test p-value: 0.347
Event time (k)

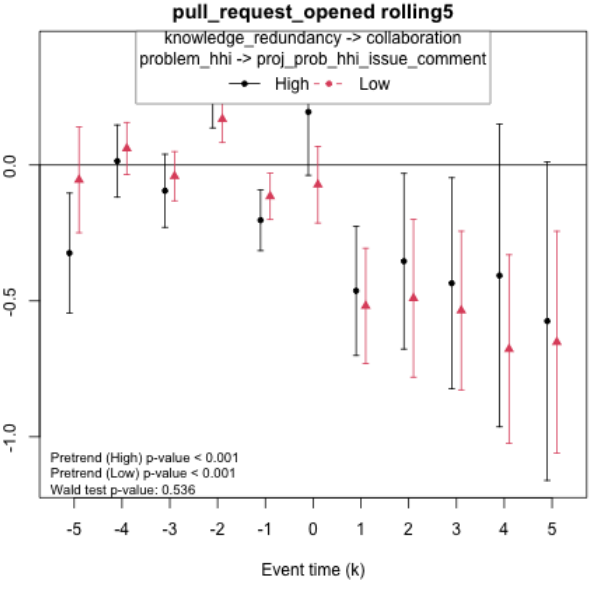

pull_request_merged rolling5
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.214
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.679
Event time (k)

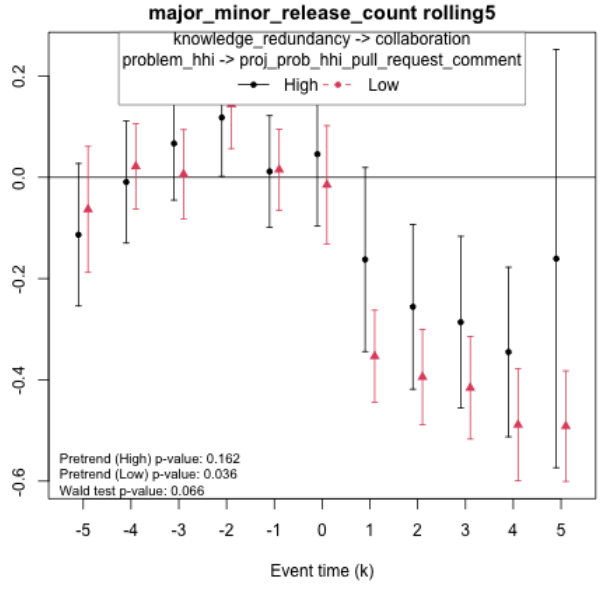

pull_request_opened rolling5
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.029
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.759
Event time (k)

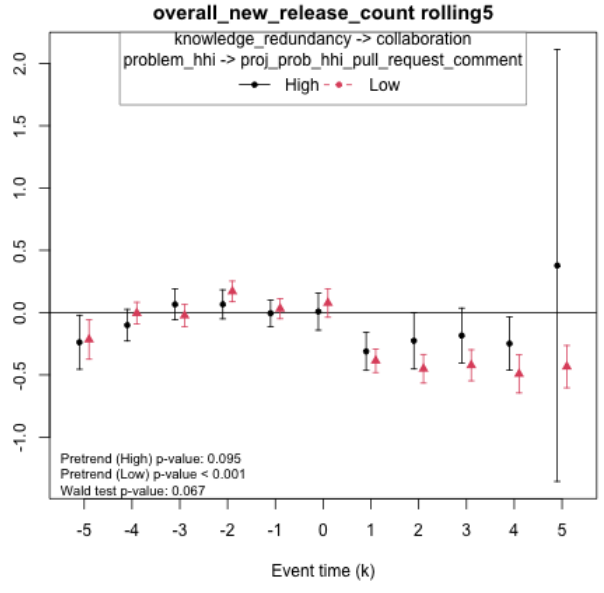

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value: 0.040
Pretrend (Low) p-value: 0.123
Wald test p-value: 0.000
Event time (k)

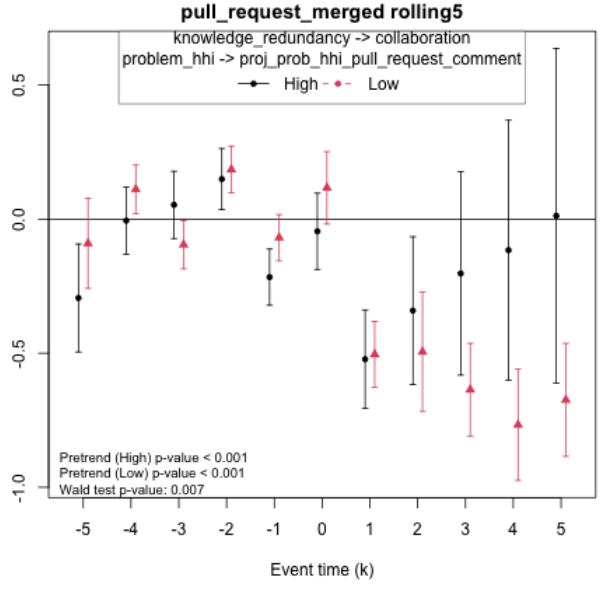

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value: 0.008
Pretrend (Low) p-value: 0.019
Wald test p-value: 0.089
Event time (k)

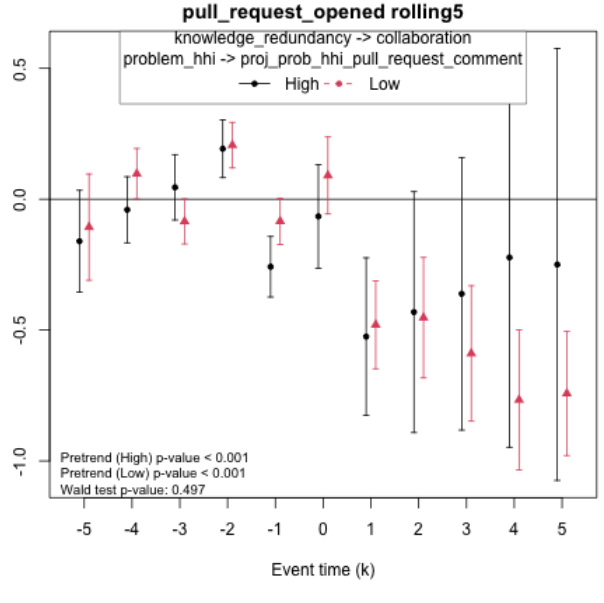

pull_request_merged rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.003
Wald test p-value: 0.232
Event time (k)

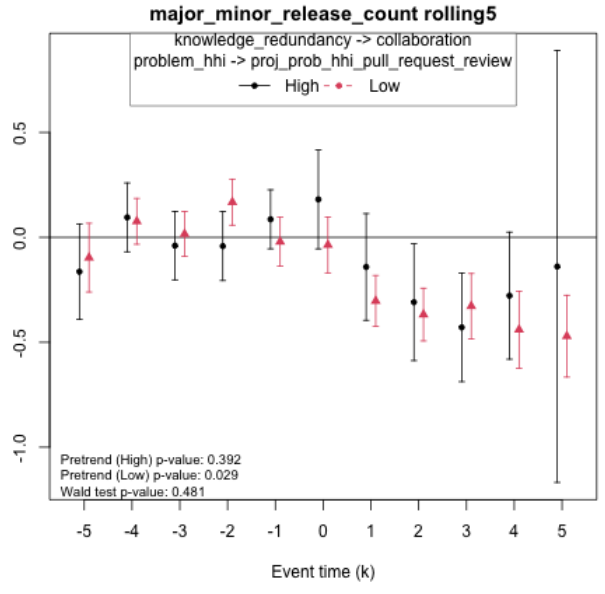

pull_request_opened rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.536
Event time (k)

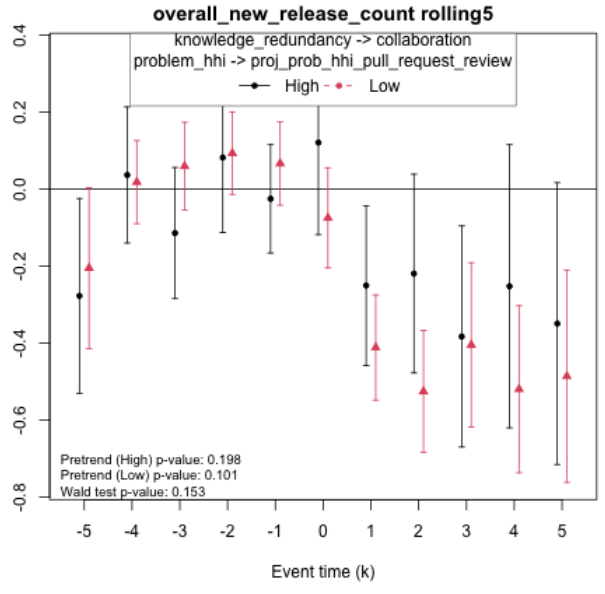

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value: 0.162
Pretrend (Low) p-value: 0.036
Wald test p-value: 0.066
Event time (k)

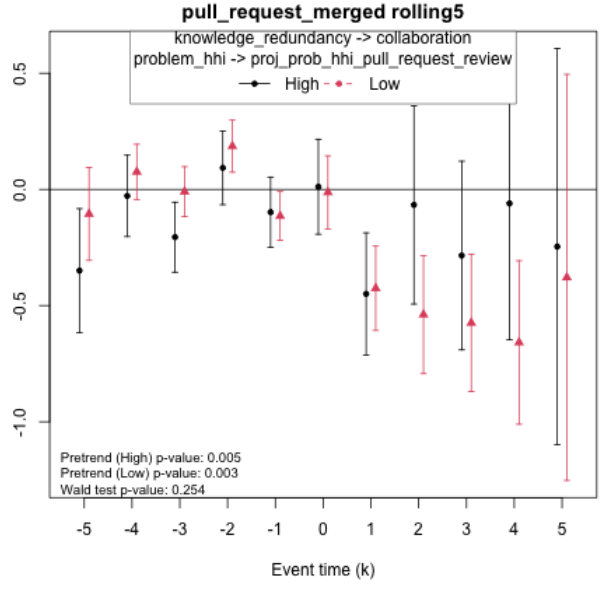

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value: 0.095
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.067
Event time (k)

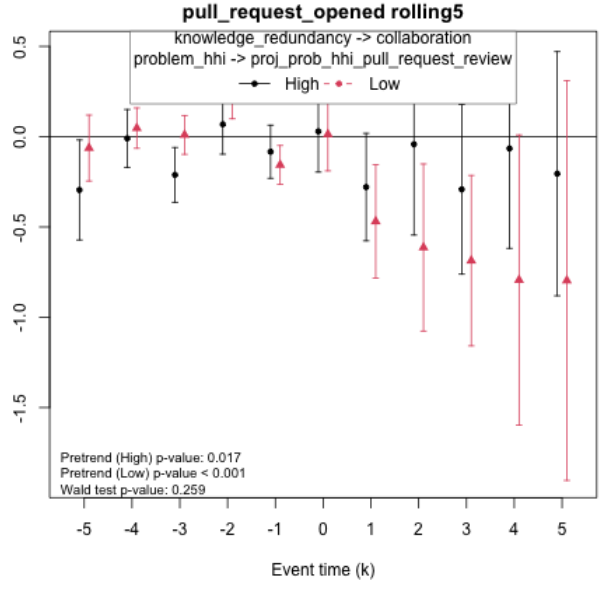

pull_request_merged rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.007
Event time (k)

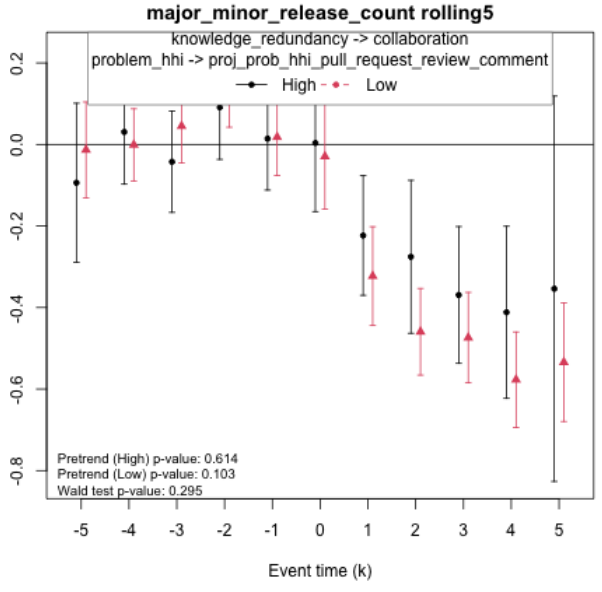

pull_request_opened rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.497
Event time (k)

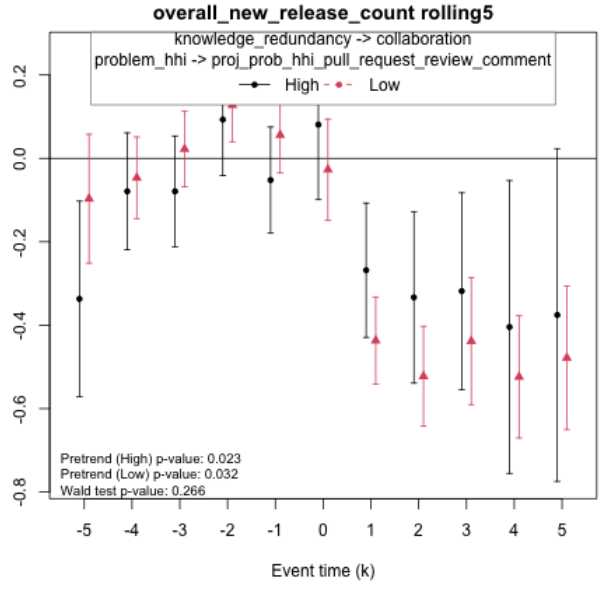

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.392
Pretrend (Low) p-value: 0.029
Wald test p-value: 0.481
Event time (k)

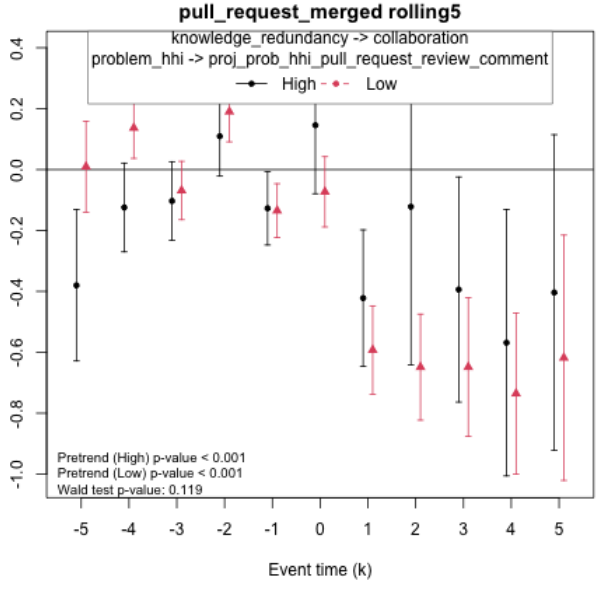

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.198
Pretrend (Low) p-value: 0.101
Wald test p-value: 0.153
Event time (k)

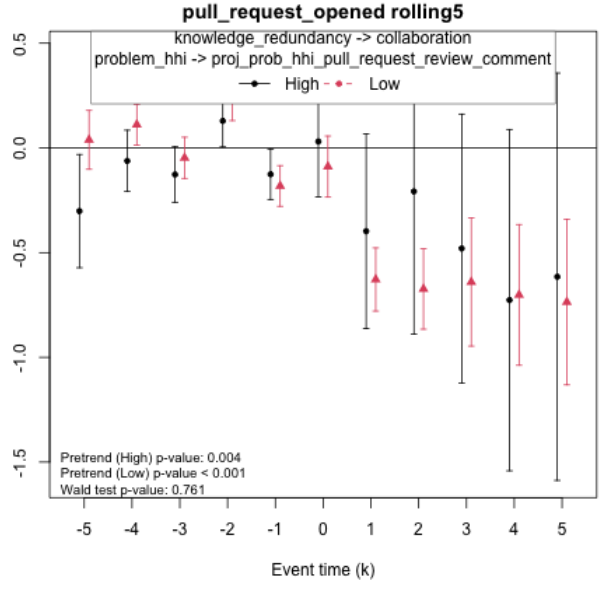

pull_request_merged rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.005
Pretrend (Low) p-value: 0.003
Wald test p-value: 0.254
Event time (k)

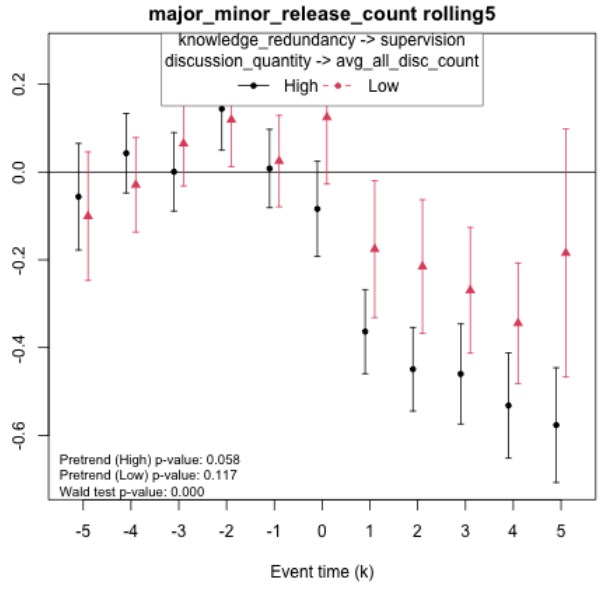

pull_request_opened rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.017
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.259
Event time (k)

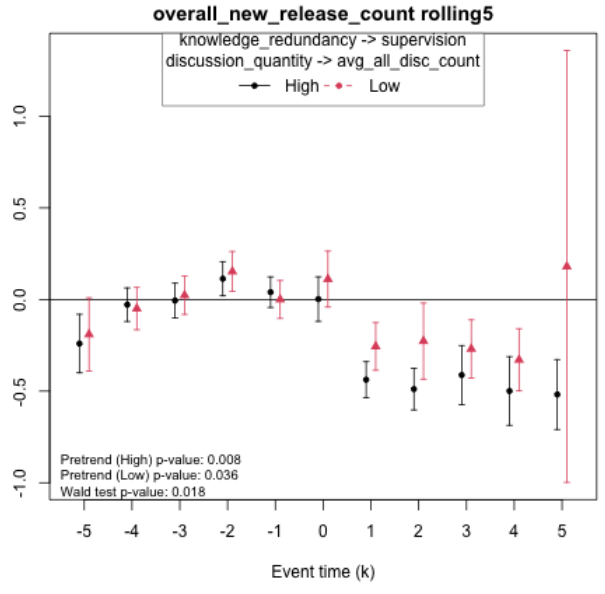

major_minor_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.614
Pretrend (Low) p-value: 0.103
Wald test p-value: 0.295
Event time (k)

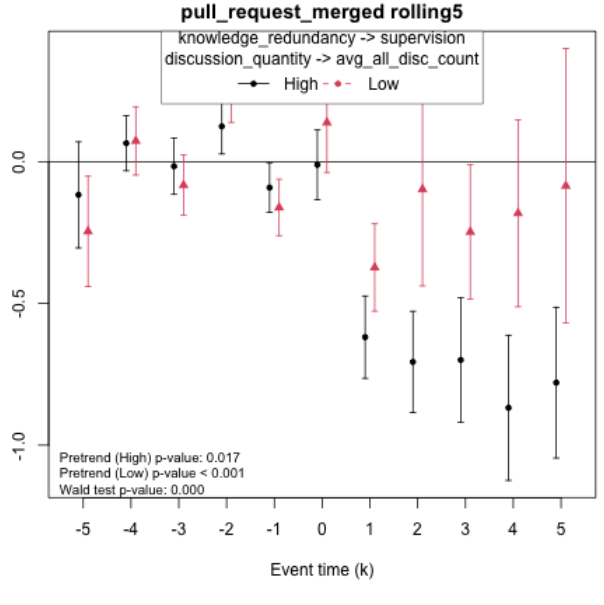

overall_new_release_count rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.023
Pretrend (Low) p-value: 0.032
Wald test p-value: 0.266
Event time (k)

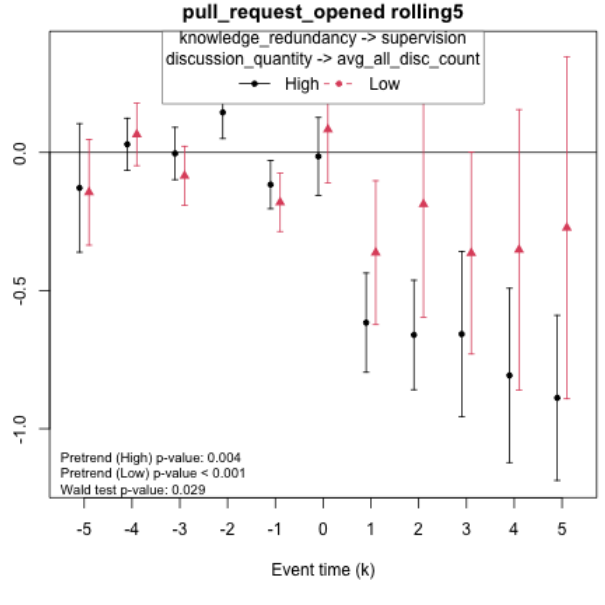

pull_request_merged rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.119
Event time (k)

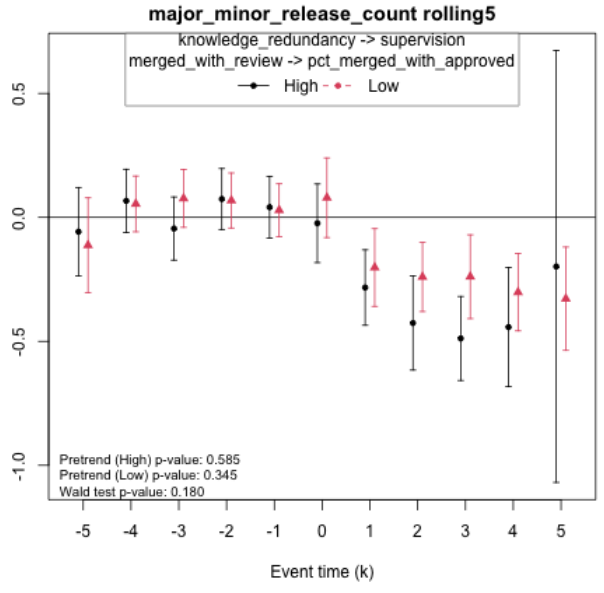

pull_request_opened rolling5
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.004
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.761
Event time (k)

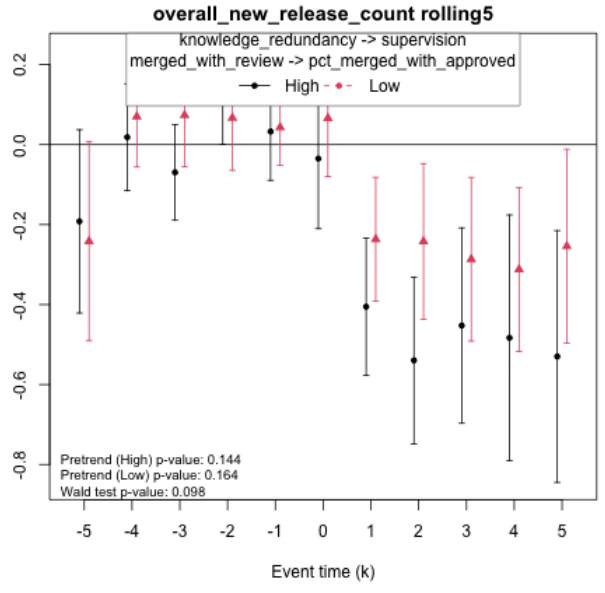

major_minor_release_count rolling5
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.058
Pretrend (Low) p-value: 0.117
Wald test p-value: 0.000
Event time (k)

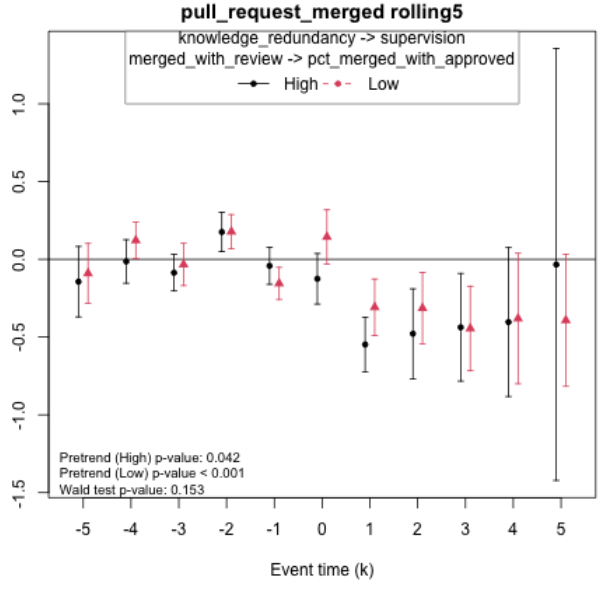

overall_new_release_count rolling5
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.008
Pretrend (Low) p-value: 0.036
Wald test p-value: 0.018
Event time (k)

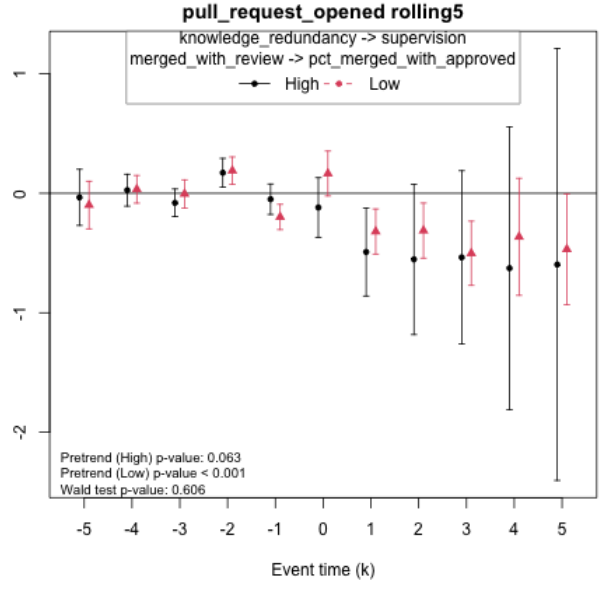

pull_request_merged rolling5
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.017
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

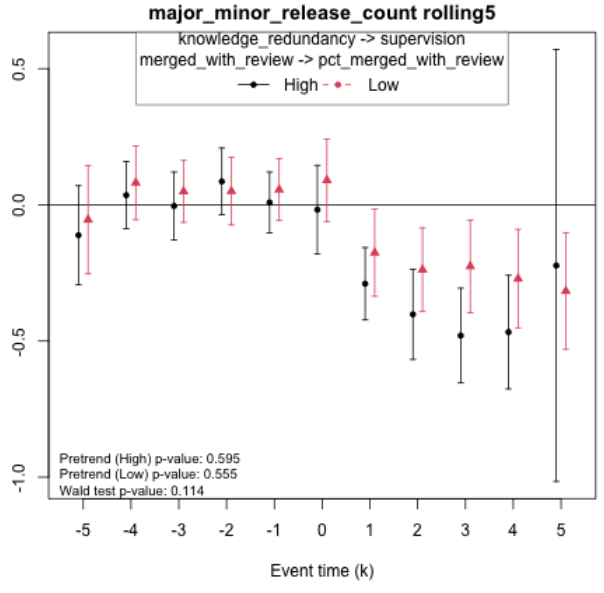

pull_request_opened rolling5
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.004
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.029
Event time (k)

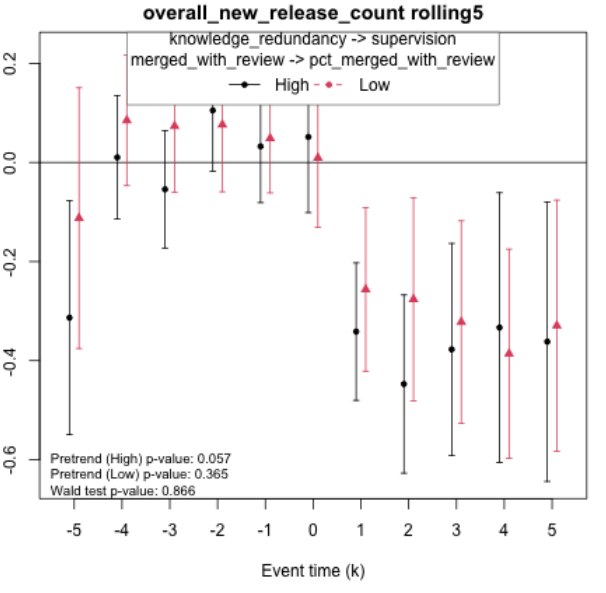

major_minor_release_count rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.585
Pretrend (Low) p-value: 0.345
Wald test p-value: 0.180
Event time (k)

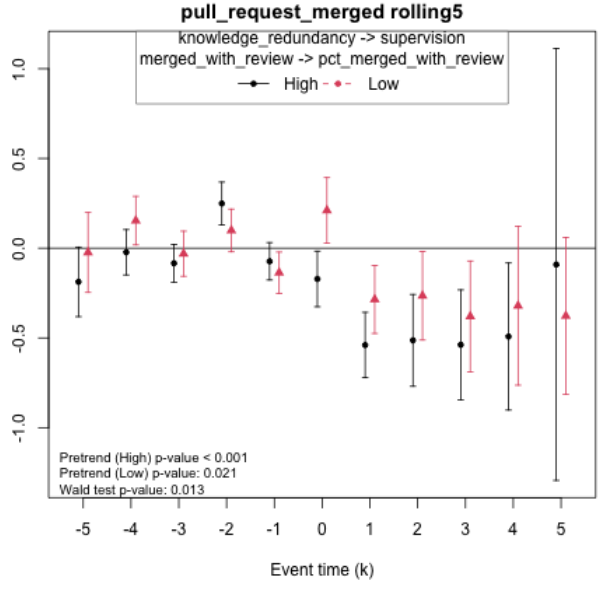

overall_new_release_count rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.144
Pretrend (Low) p-value: 0.164
Wald test p-value: 0.098
Event time (k)

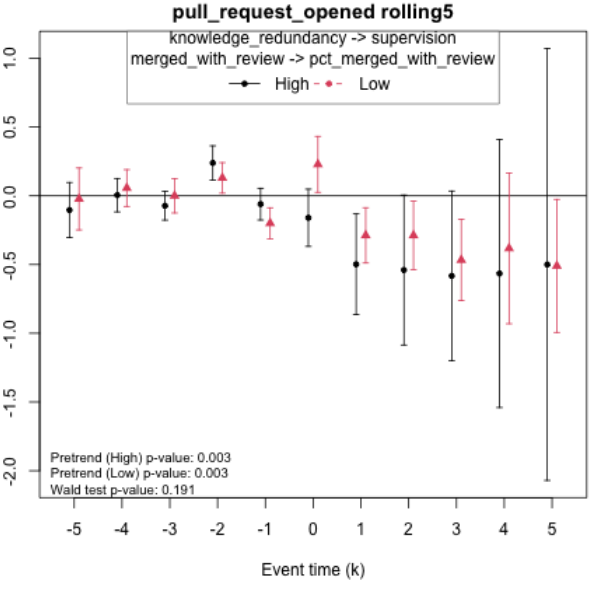

pull_request_merged rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.042
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.153
Event time (k)

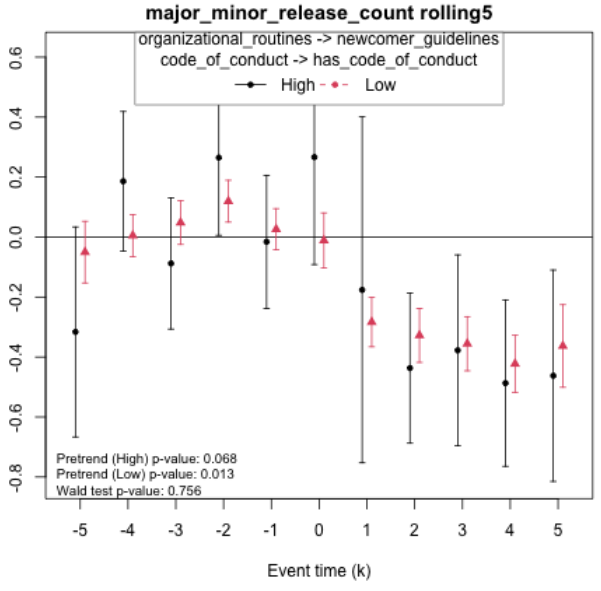

pull_request_opened rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.063
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.606
Event time (k)

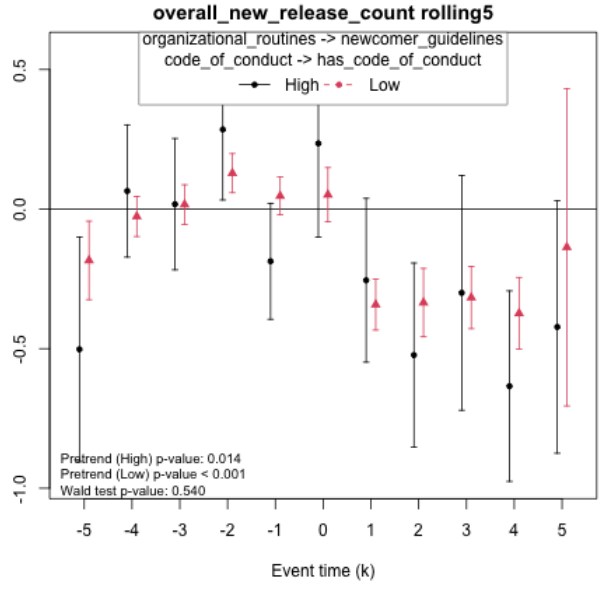

major_minor_release_count rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value: 0.595
Pretrend (Low) p-value: 0.555
Wald test p-value: 0.114
Event time (k)

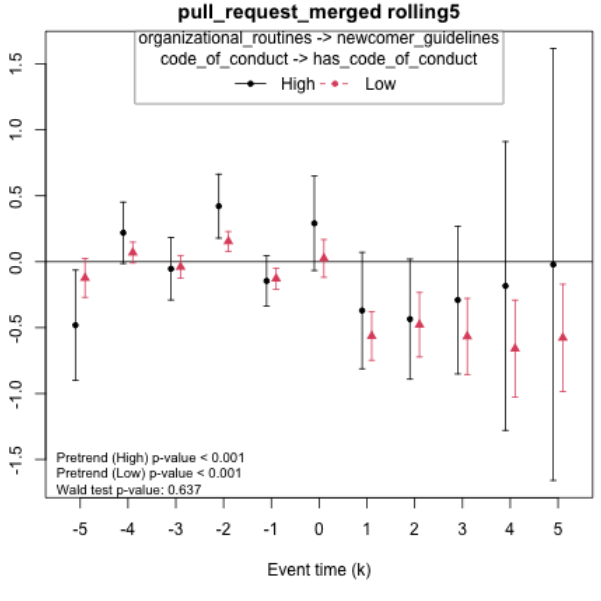

overall_new_release_count rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value: 0.057
Pretrend (Low) p-value: 0.365
Wald test p-value: 0.866
Event time (k)

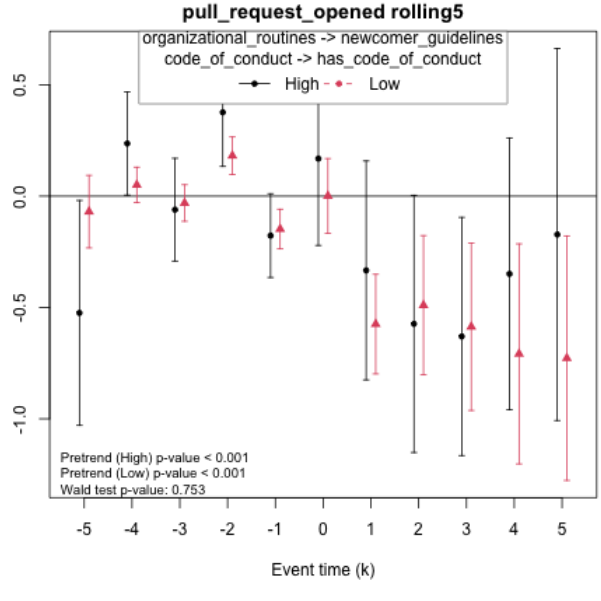

pull_request_merged rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.021
Wald test p-value: 0.013
Event time (k)

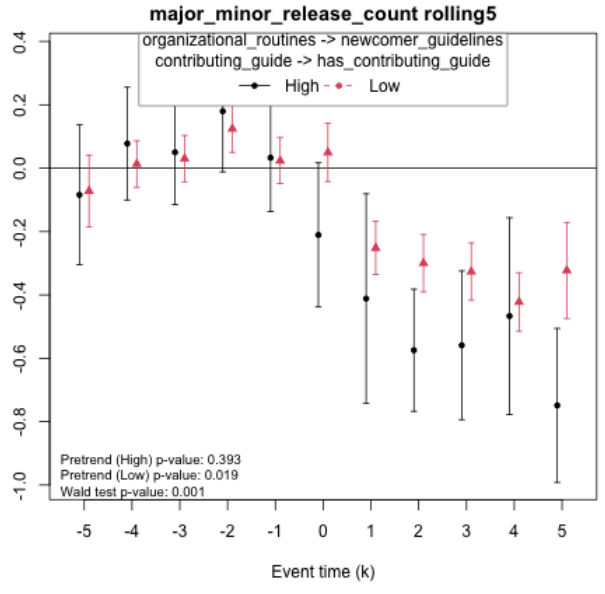

pull_request_opened rolling5
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value: 0.003
Pretrend (Low) p-value: 0.003
Wald test p-value: 0.191
Event time (k)

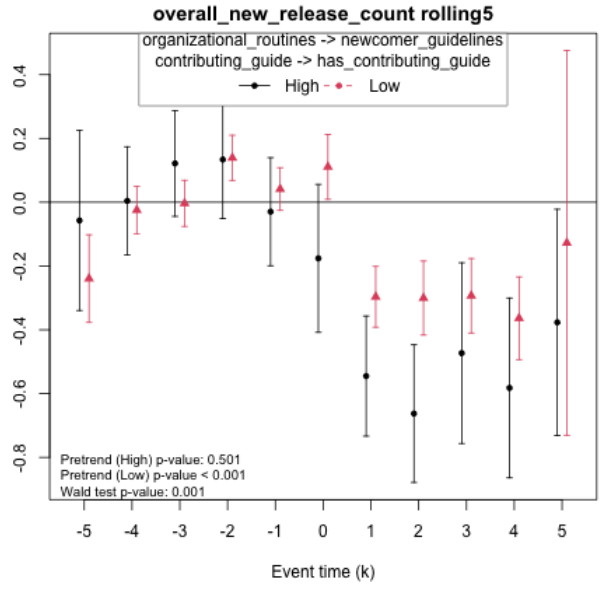

major_minor_release_count rolling5
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value: 0.068
Pretrend (Low) p-value: 0.013
Wald test p-value: 0.756
Event time (k)

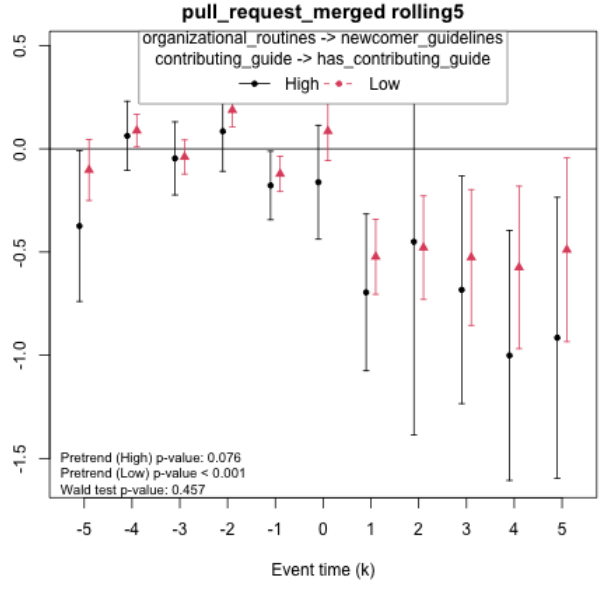

overall_new_release_count rolling5
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value: 0.014
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.540
Event time (k)

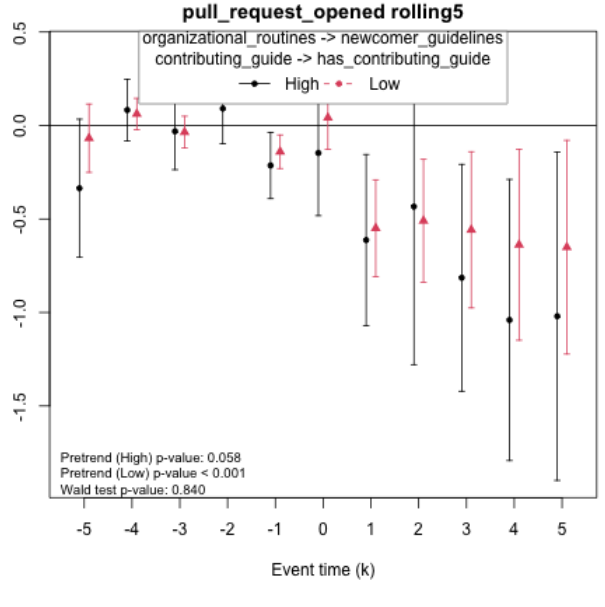

pull_request_merged rolling5
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.637
Event time (k)

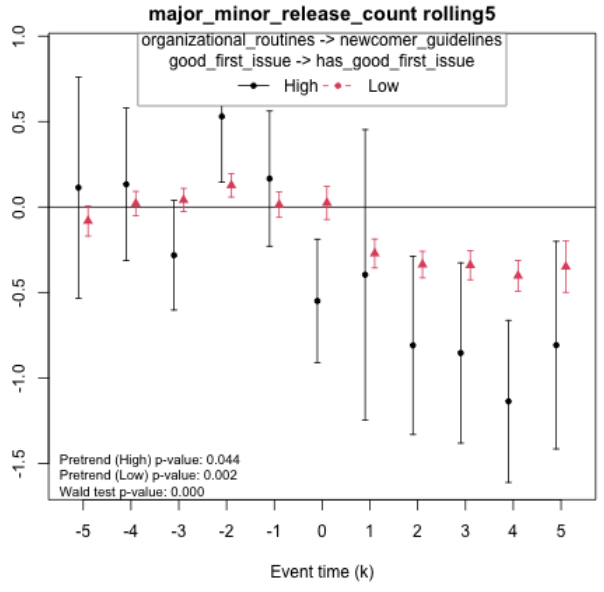

pull_request_opened rolling5
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.753
Event time (k)

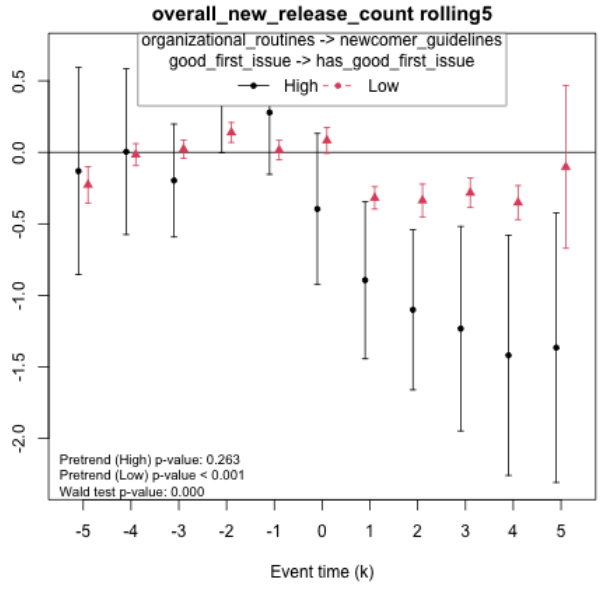

major_minor_release_count rolling5
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.393
Pretrend (Low) p-value: 0.019
Wald test p-value: 0.001
Event time (k)

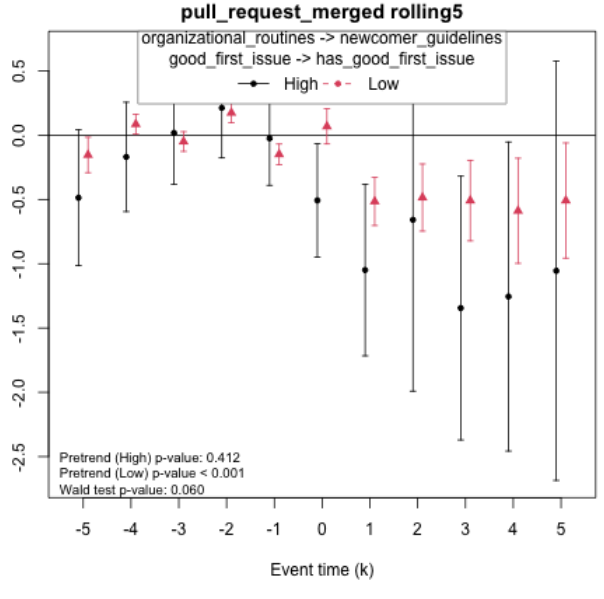

overall_new_release_count rolling5
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.501
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.001
Event time (k)

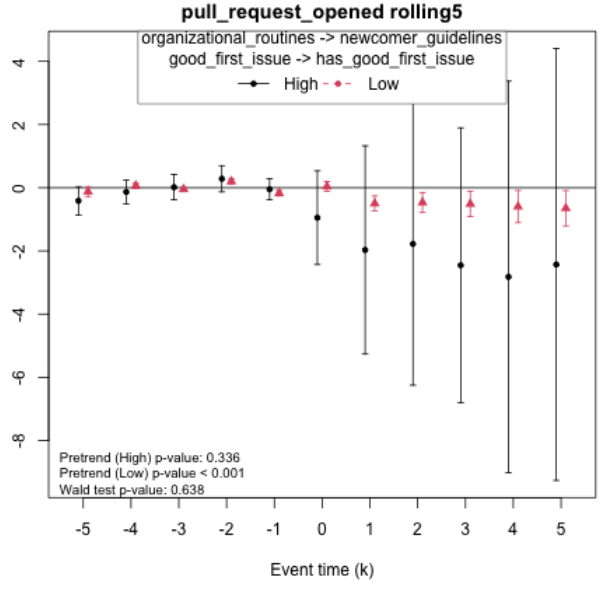

pull_request_merged rolling5
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.076
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.457
Event time (k)

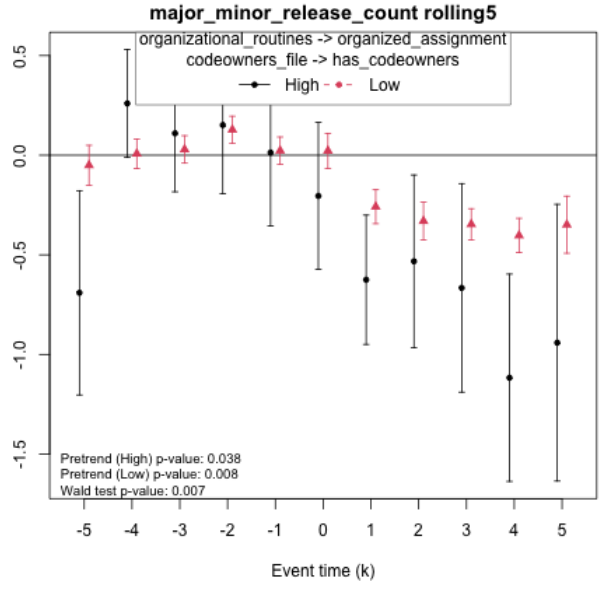

pull_request_opened rolling5
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.058
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.840
Event time (k)

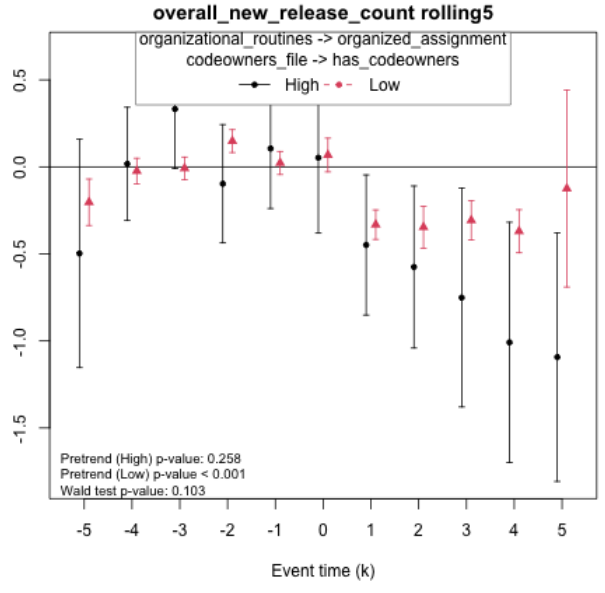

major_minor_release_count rolling5
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.044
Pretrend (Low) p-value: 0.002
Wald test p-value: 0.000
Event time (k)

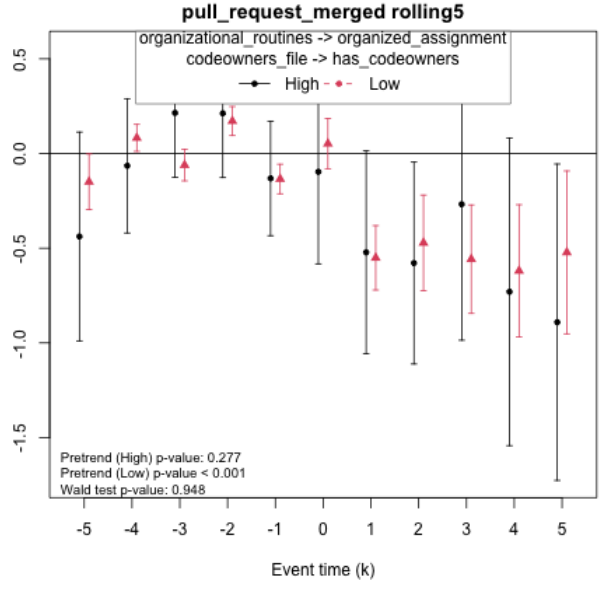

overall_new_release_count rolling5
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.263
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

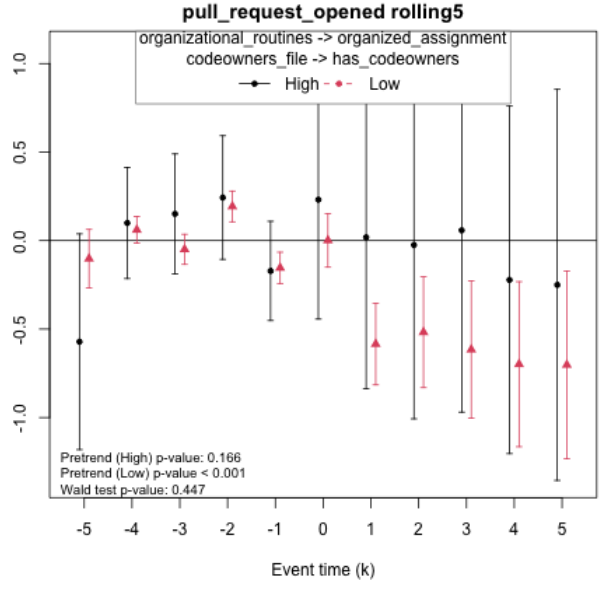

pull_request_merged rolling5
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.412
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.060
Event time (k)

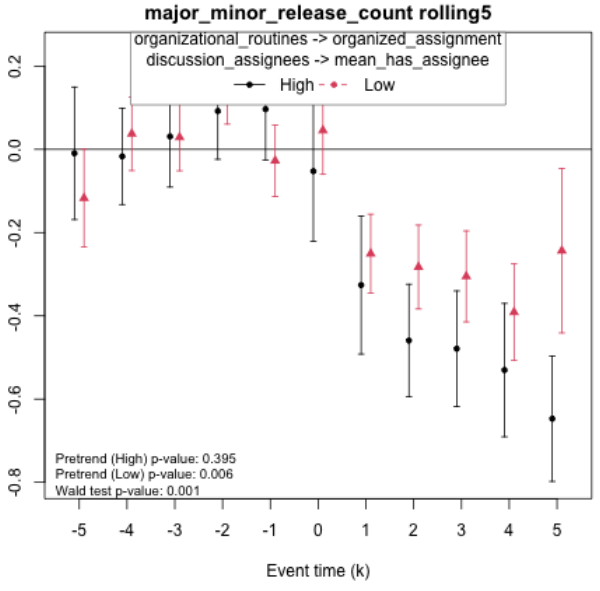

pull_request_opened rolling5
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.336
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.638
Event time (k)

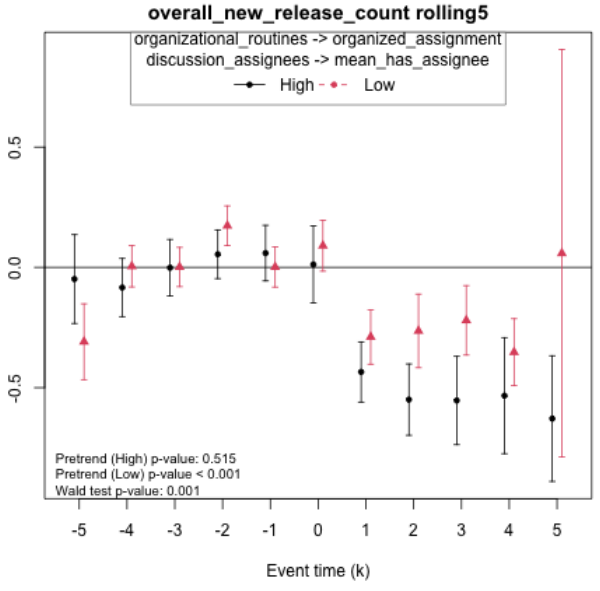

major_minor_release_count rolling5
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value: 0.038
Pretrend (Low) p-value: 0.008
Wald test p-value: 0.007
Event time (k)

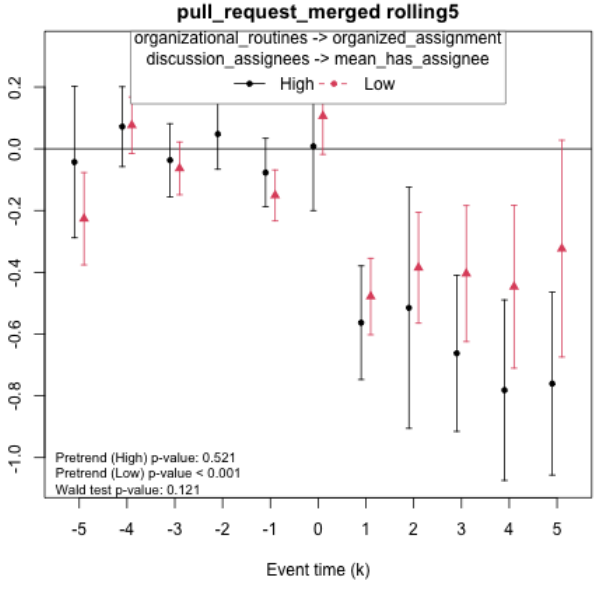

overall_new_release_count rolling5
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value: 0.258
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.103
Event time (k)

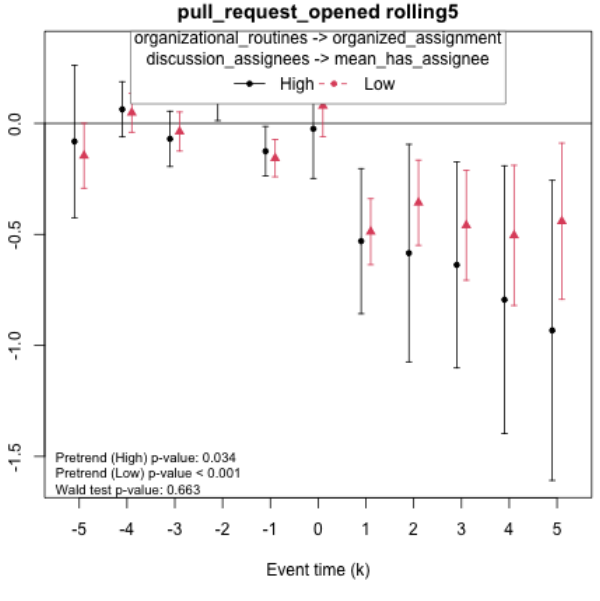

pull_request_merged rolling5
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value: 0.277
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.948
Event time (k)

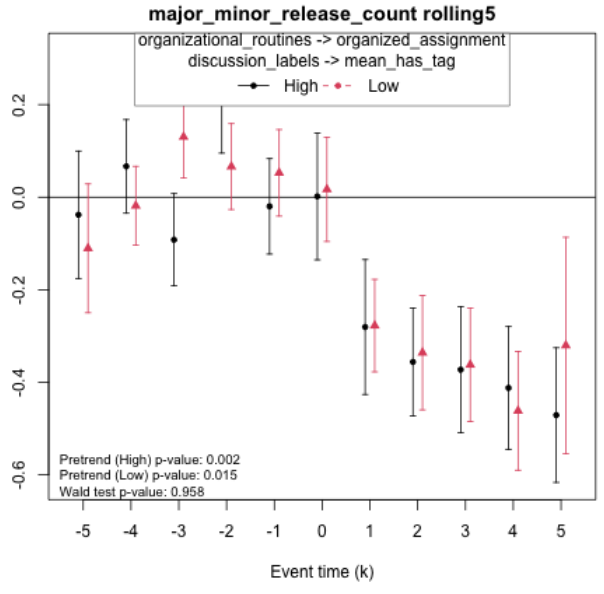

pull_request_opened rolling5
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value: 0.166
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.447
Event time (k)

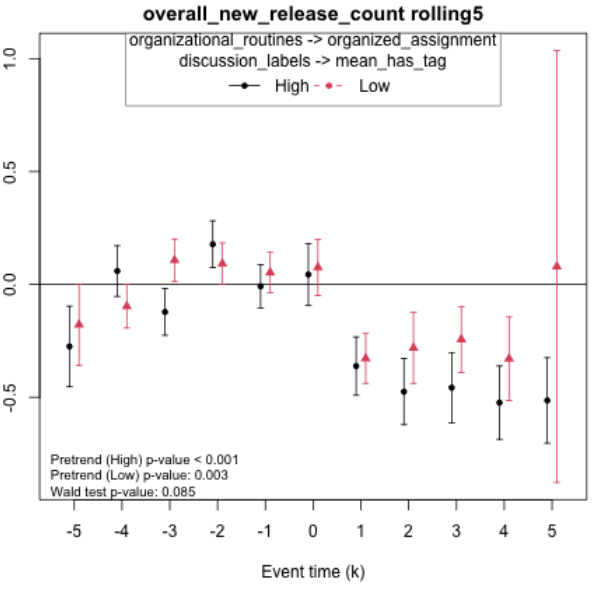

major_minor_release_count rolling5
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.395
Pretrend (Low) p-value: 0.006
Wald test p-value: 0.001
Event time (k)

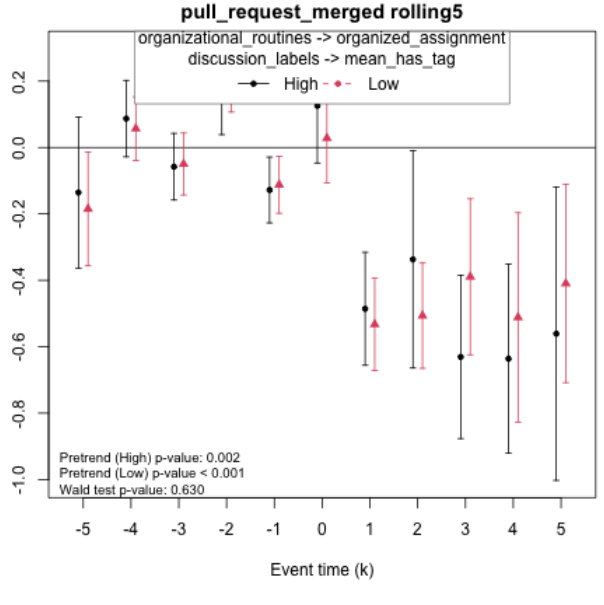

overall_new_release_count rolling5
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.515
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.001
Event time (k)

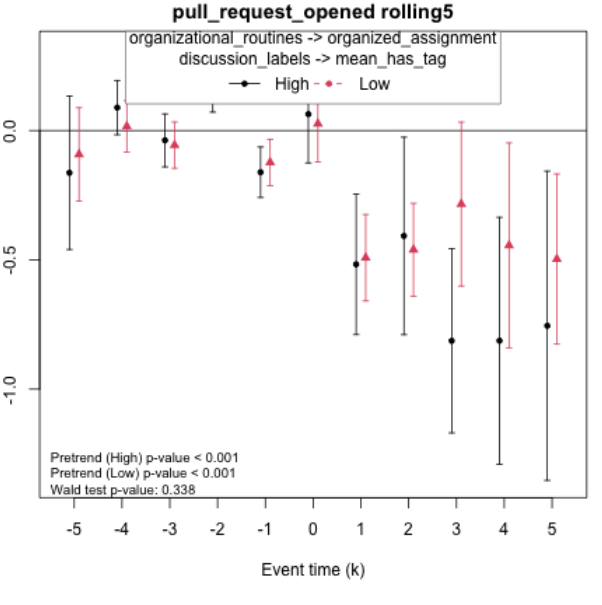

pull_request_merged rolling5
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.521
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.121
Event time (k)

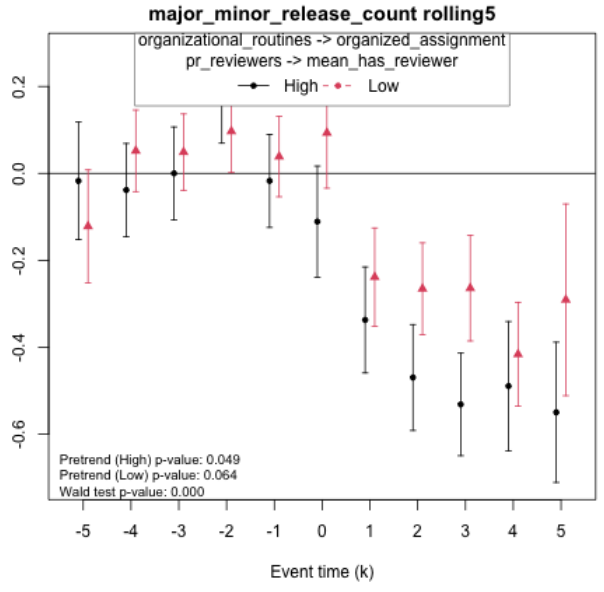

pull_request_opened rolling5
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.034
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.663
Event time (k)

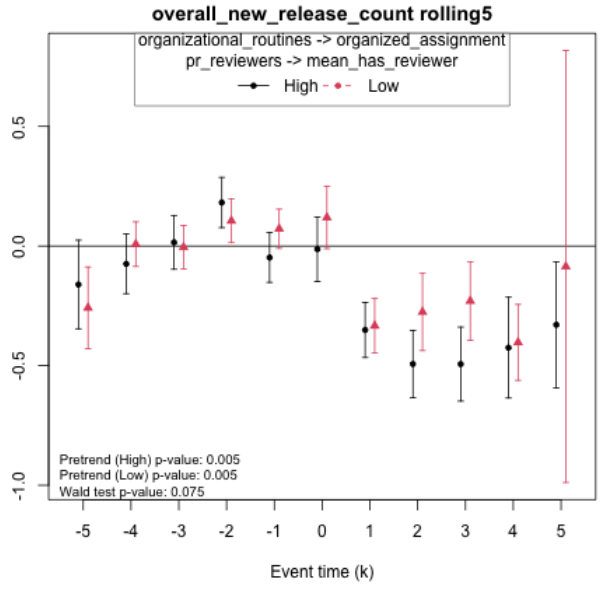

major_minor_release_count rolling5
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value: 0.015
Wald test p-value: 0.958
Event time (k)

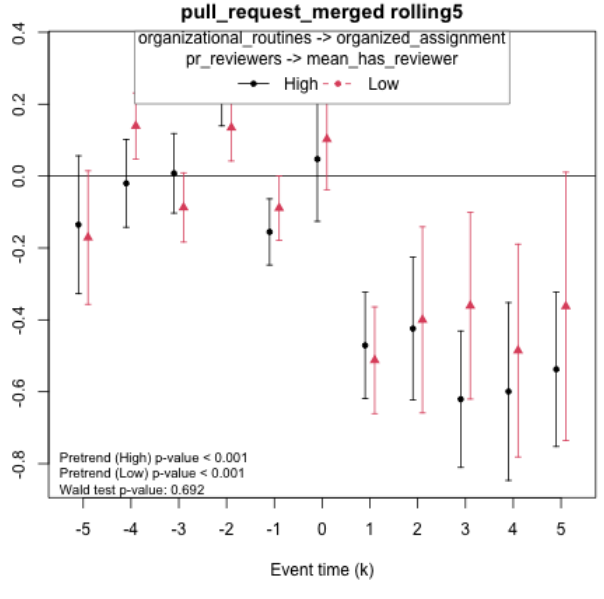

overall_new_release_count rolling5
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.003
Wald test p-value: 0.085
Event time (k)

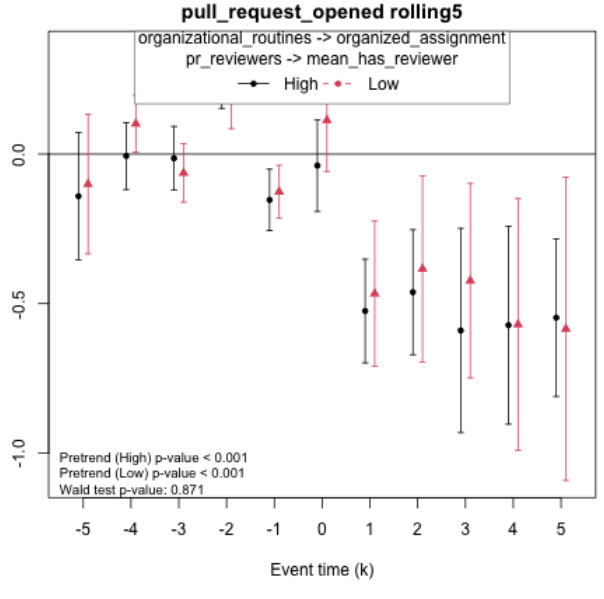

pull_request_merged rolling5
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.630
Event time (k)

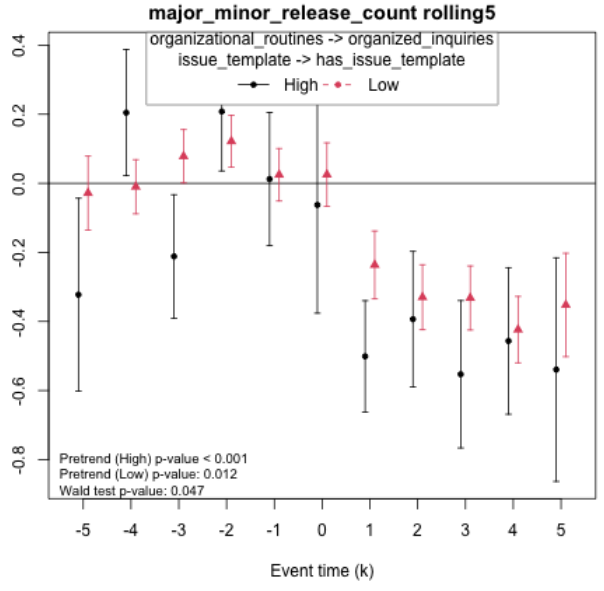

pull_request_opened rolling5
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.338
Event time (k)

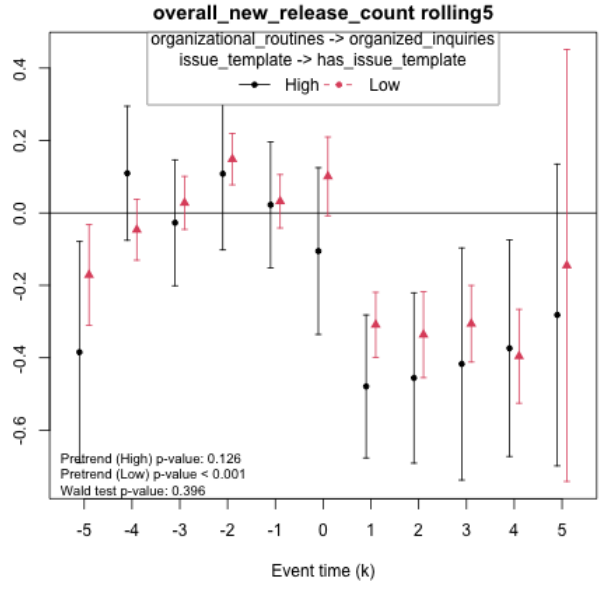

major_minor_release_count rolling5
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.049
Pretrend (Low) p-value: 0.064
Wald test p-value: 0.000
Event time (k)

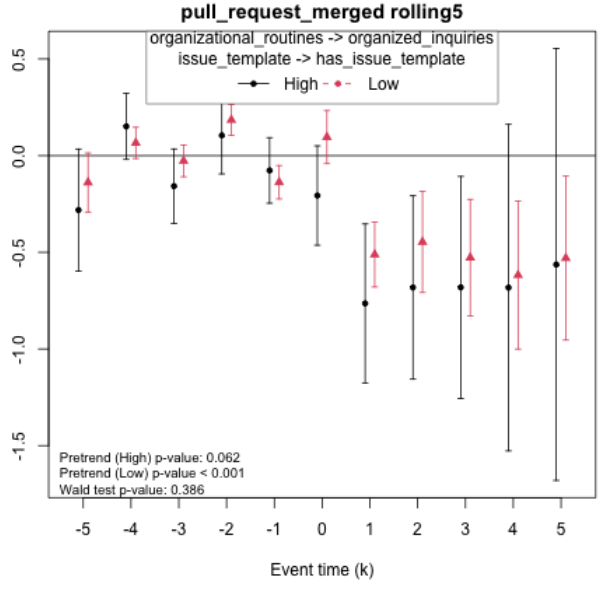

overall_new_release_count rolling5
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.005
Pretrend (Low) p-value: 0.005
Wald test p-value: 0.075
Event time (k)

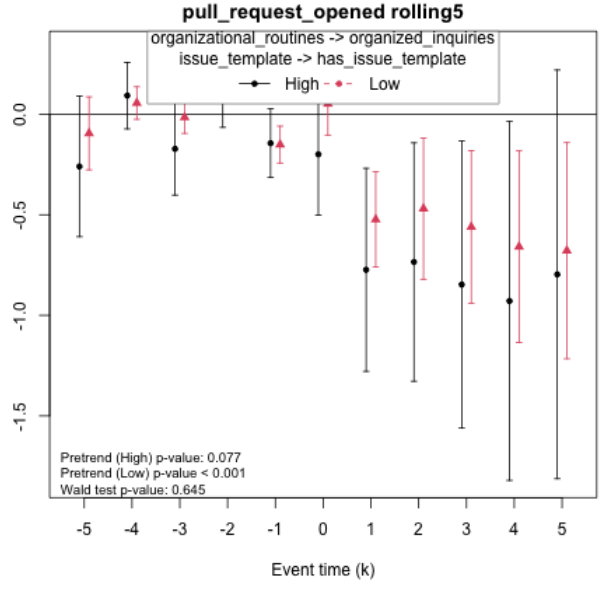

pull_request_merged rolling5
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.692
Event time (k)

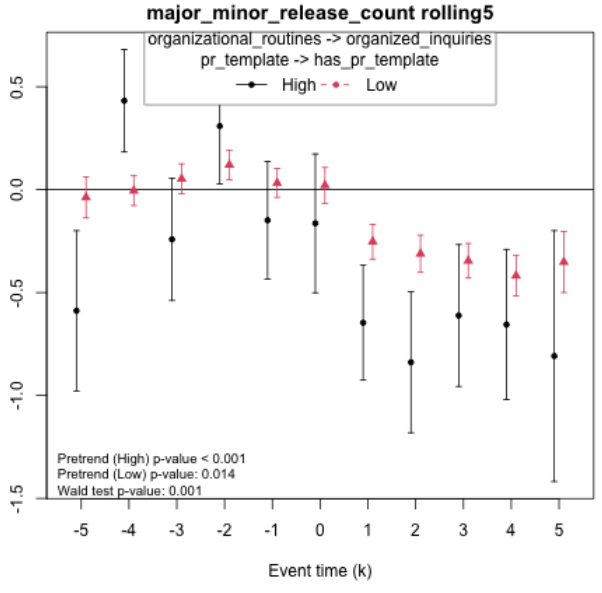

pull_request_opened rolling5
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.871
Event time (k)

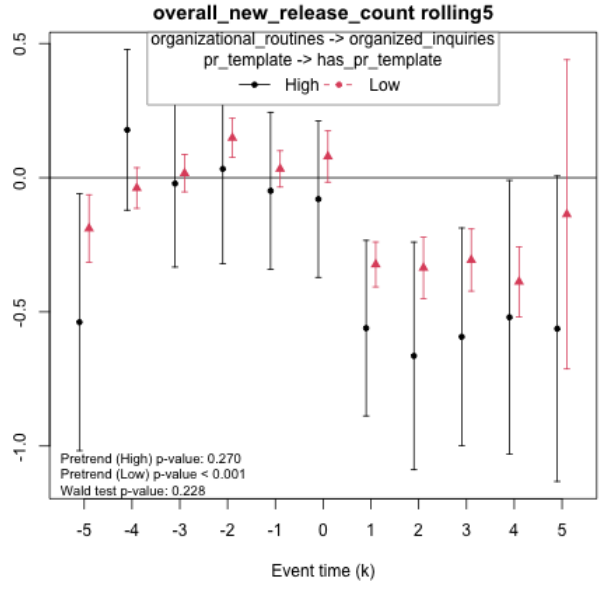

major_minor_release_count rolling5
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.012
Wald test p-value: 0.047
Event time (k)

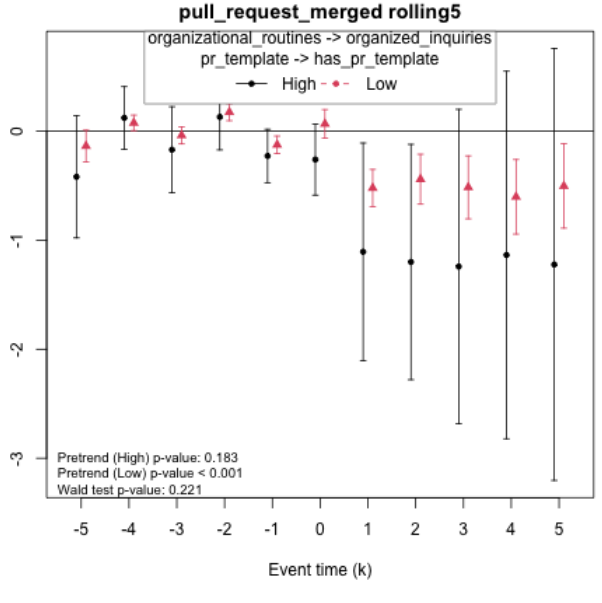

overall_new_release_count rolling5
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.126
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.396
Event time (k)

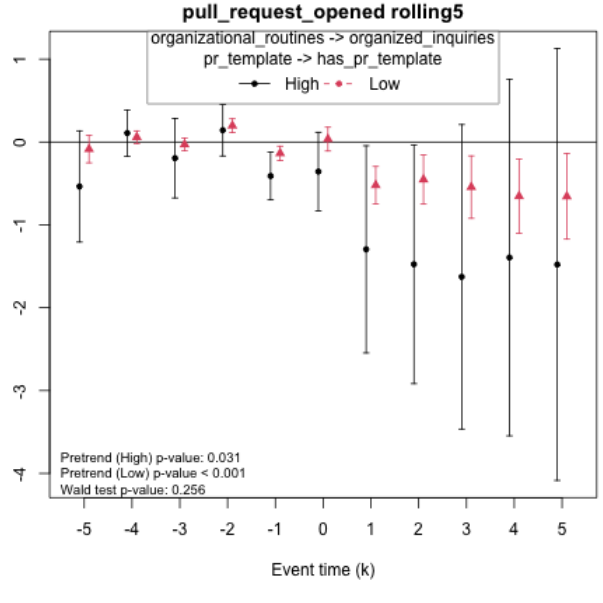

pull_request_merged rolling5
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.062
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.386
Event time (k)

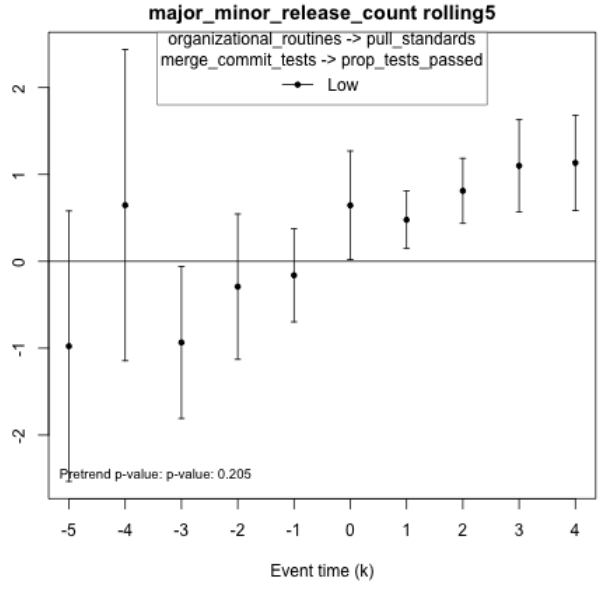

pull_request_opened rolling5
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.077
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.645
Event time (k)

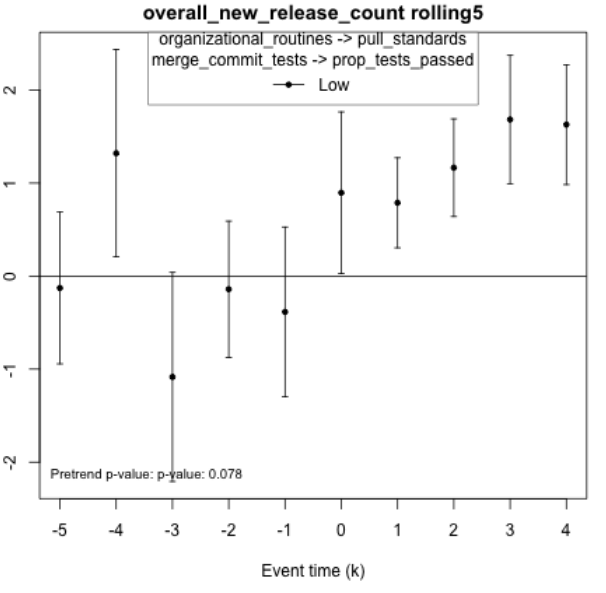

major_minor_release_count rolling5
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.014
Wald test p-value: 0.001
Event time (k)

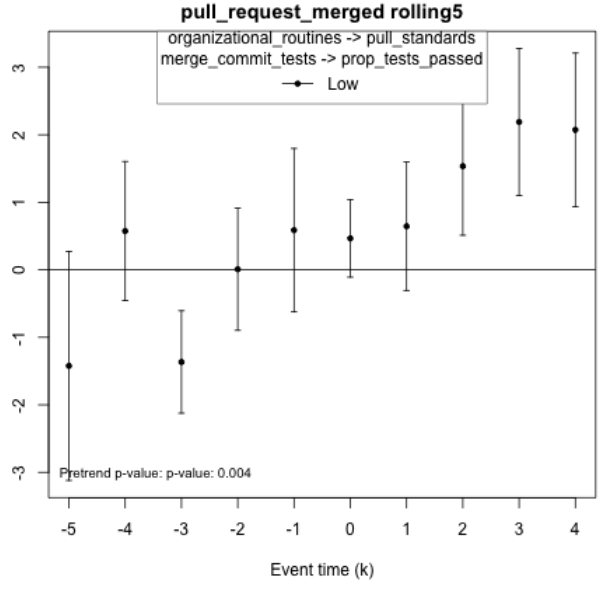

overall_new_release_count rolling5
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value: 0.270
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.228
Event time (k)

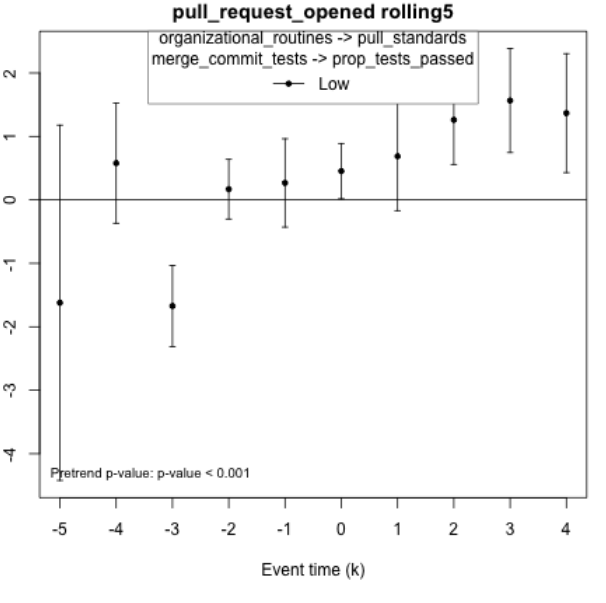

pull_request_merged rolling5
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value: 0.183
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.221
Event time (k)

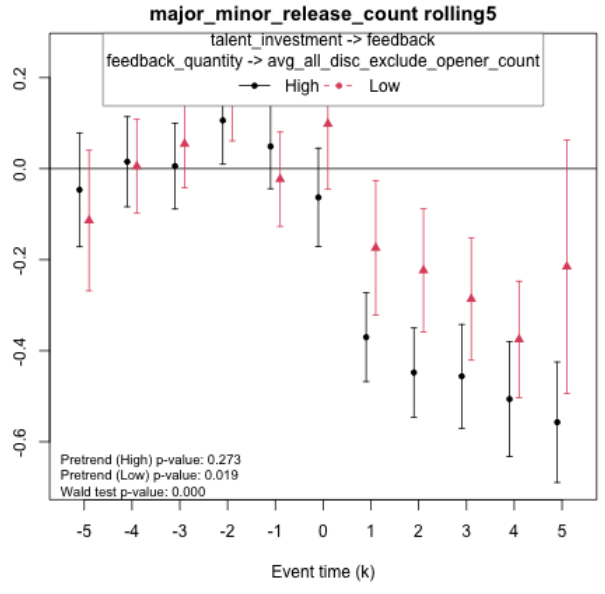

pull_request_opened rolling5
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value: 0.031
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.256
Event time (k)

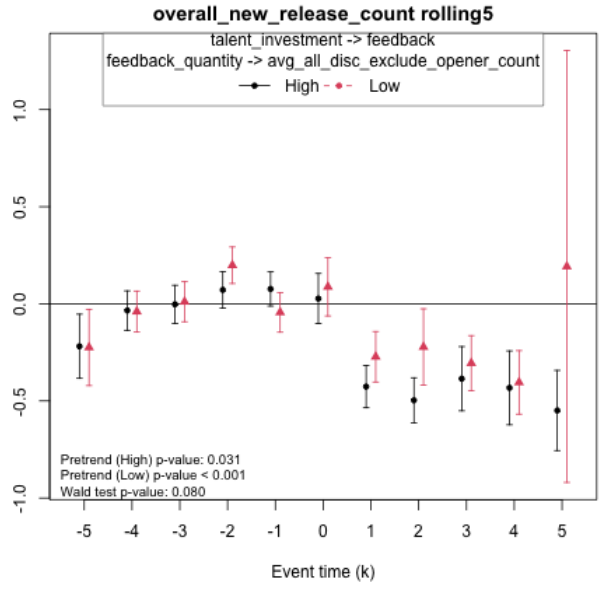

major_minor_release_count rolling5
organizational_routines -> pull_standards
merge_commit_tests -> prop_tests_passed
Low
Pretrend p-value: p-value: 0.205
Event time (k)

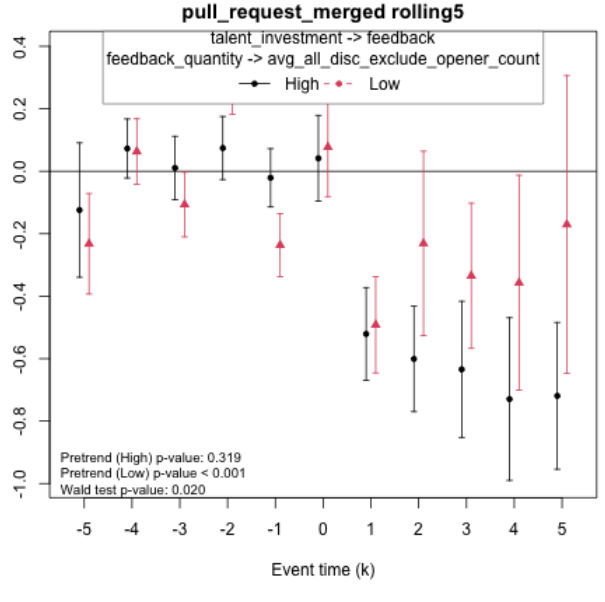

overall_new_release_count rolling5
organizational_routines -> pull_standards
merge_commit_tests -> prop_tests_passed
Low
Pretrend p-value: p-value: 0.078
Event time (k)

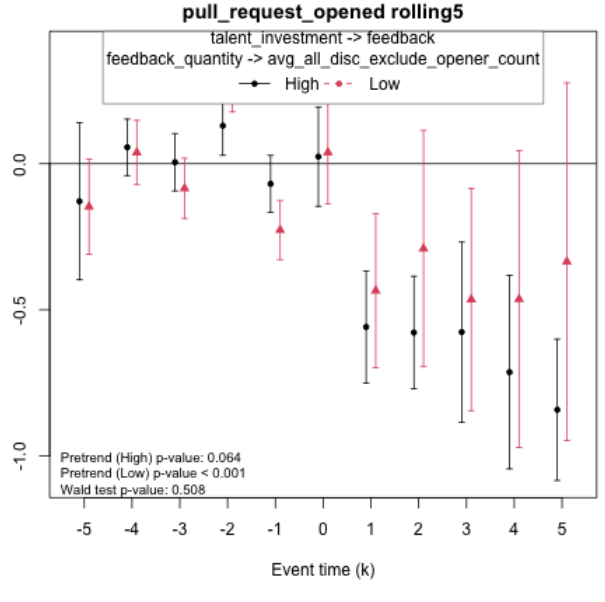

pull_request_merged rolling5
organizational_routines -> pull_standards
merge_commit_tests -> prop_tests_passed
Low
Pretrend p-value: p-value: 0.004
Event time (k)

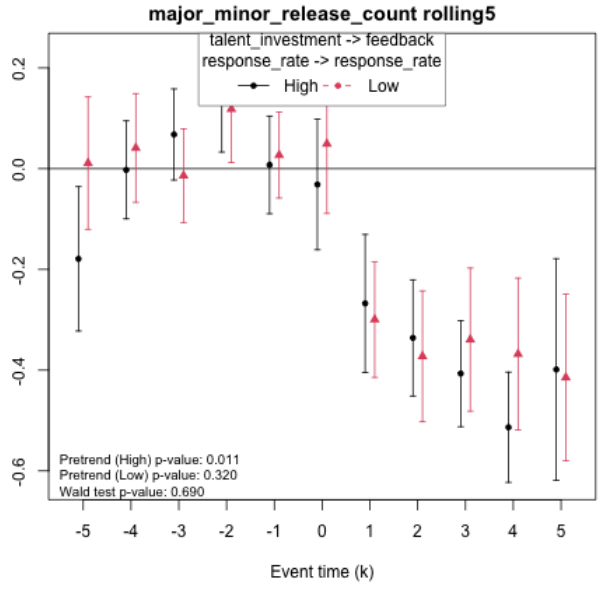

pull_request_opened rolling5
organizational_routines -> pull_standards
merge_commit_tests -> prop_tests_passed
Low
Pretrend p-value: p-value < 0.001
Event time (k)

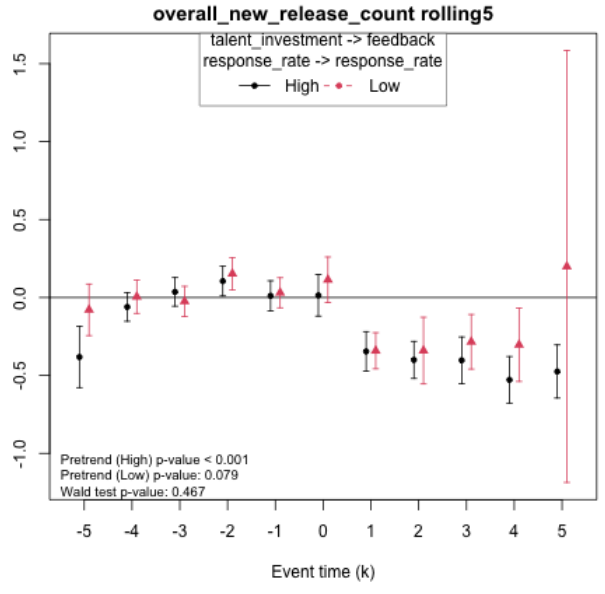

major_minor_release_count rolling5
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.273
Pretrend (Low) p-value: 0.019
Wald test p-value: 0.000
Event time (k)

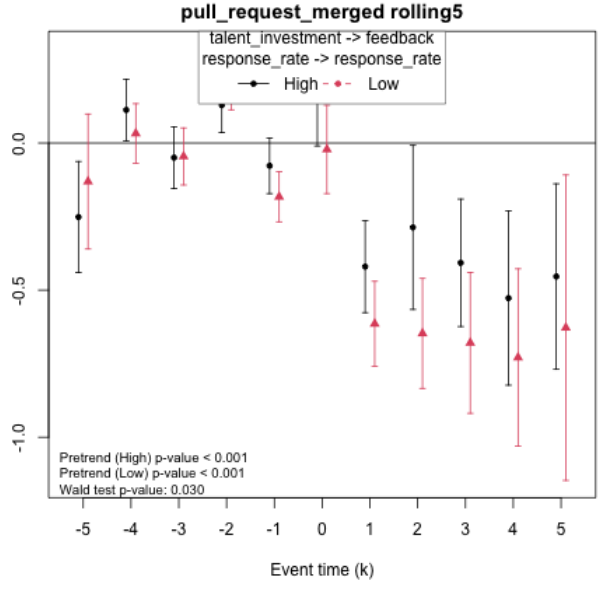

overall_new_release_count rolling5
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.031
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.080
Event time (k)

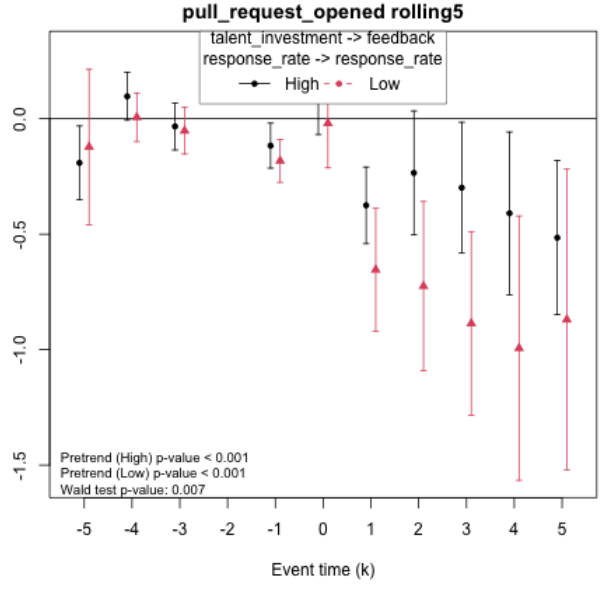

pull_request_merged rolling5
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.319
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.020
Event time (k)

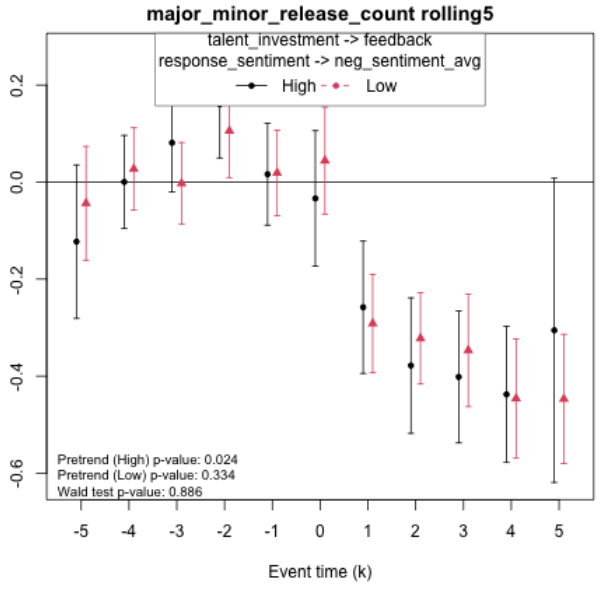

pull_request_opened rolling5
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.064
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.508
Event time (k)

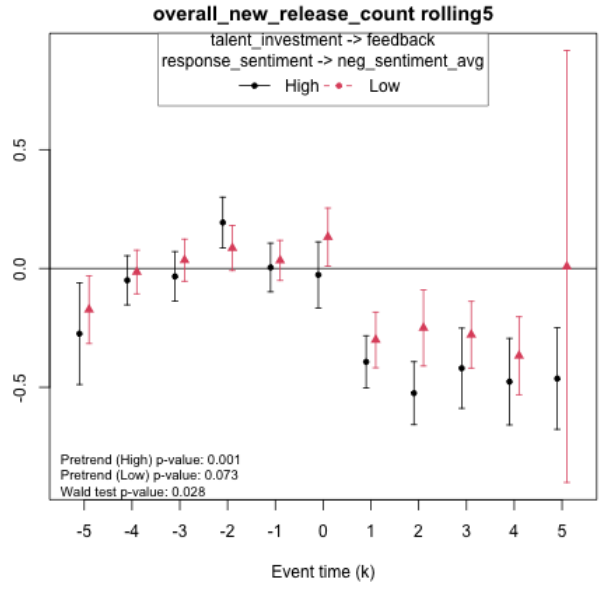

major_minor_release_count rolling5
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value: 0.011
Pretrend (Low) p-value: 0.320
Wald test p-value: 0.690
Event time (k)

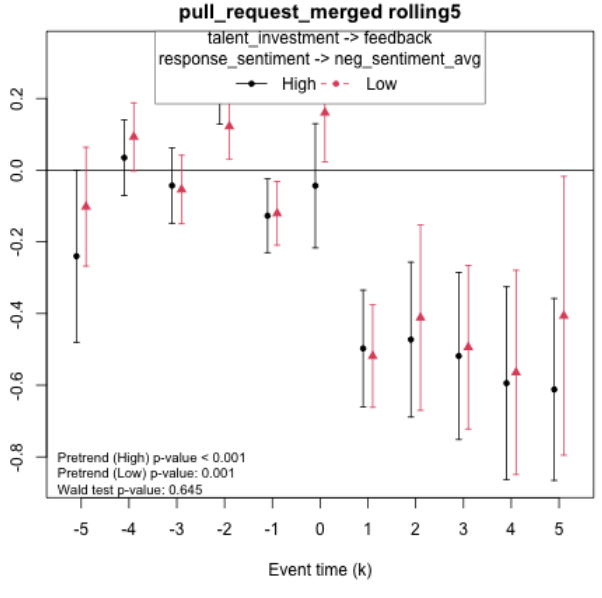

overall_new_release_count rolling5
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.079
Wald test p-value: 0.467
Event time (k)

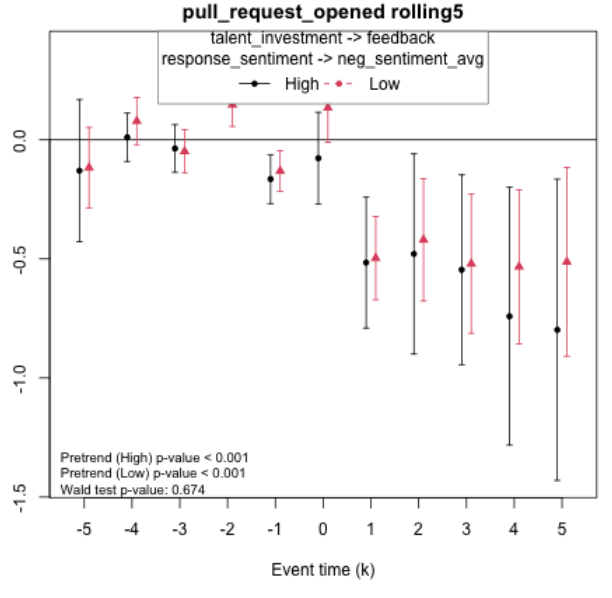

pull_request_merged rolling5
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.030
Event time (k)

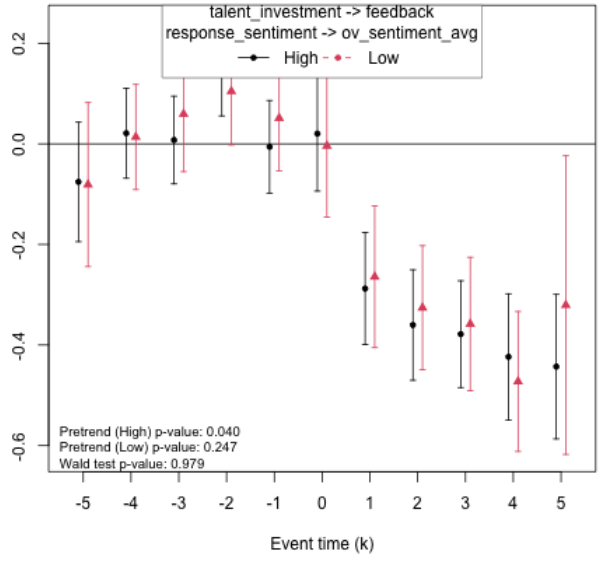

pull_request_opened rolling5
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.007
Event time (k)

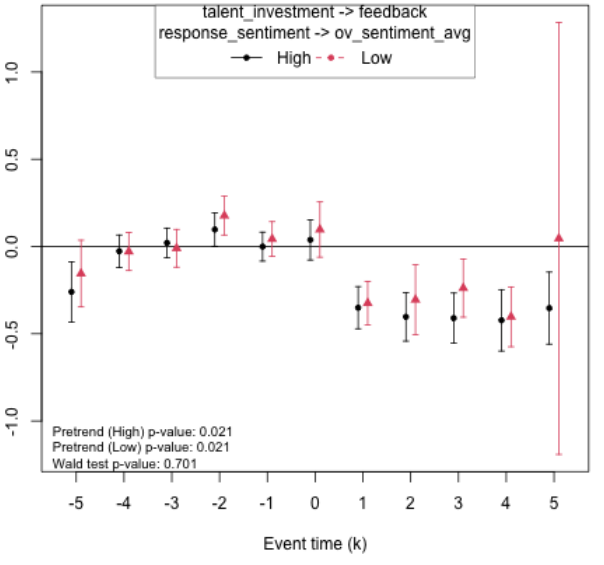

major_minor_release_count rolling5
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.024
Pretrend (Low) p-value: 0.334
Wald test p-value: 0.886
Event time (k)

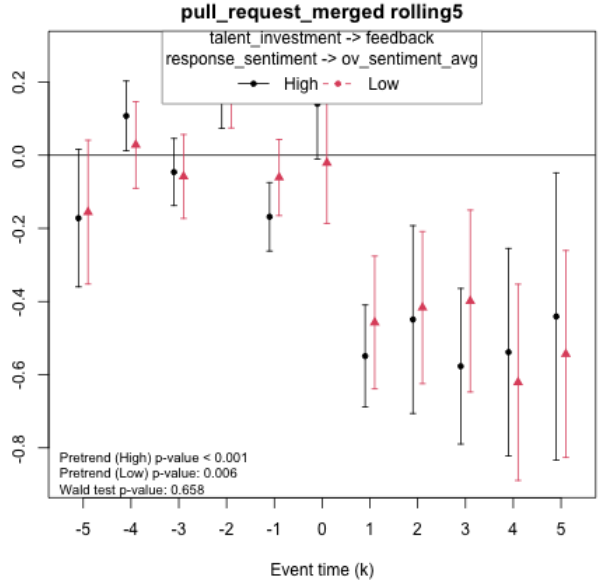

overall_new_release_count rolling5
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.001
Pretrend (Low) p-value: 0.073
Wald test p-value: 0.028
Event time (k)

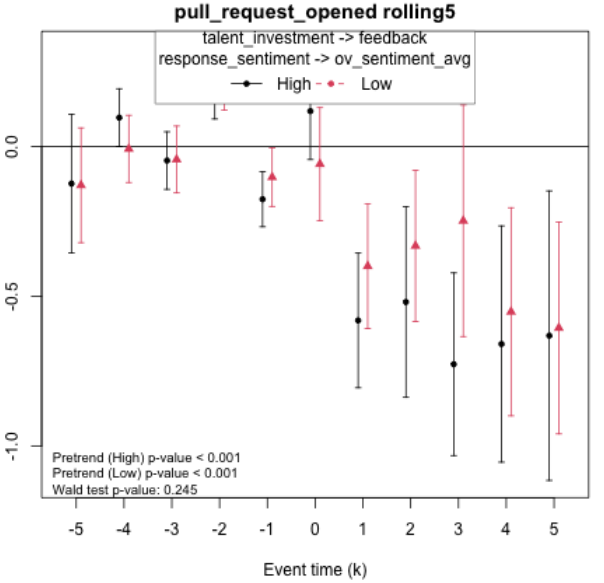

pull_request_merged rolling5
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.001
Wald test p-value: 0.645
Event time (k)

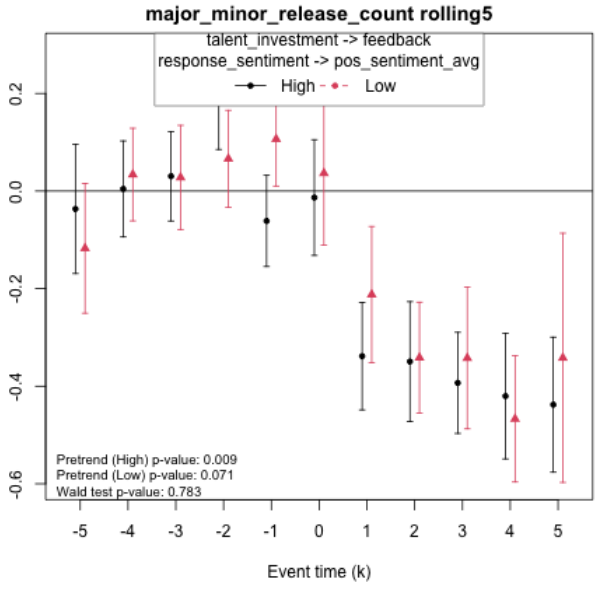

pull_request_opened rolling5
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.674
Event time (k)

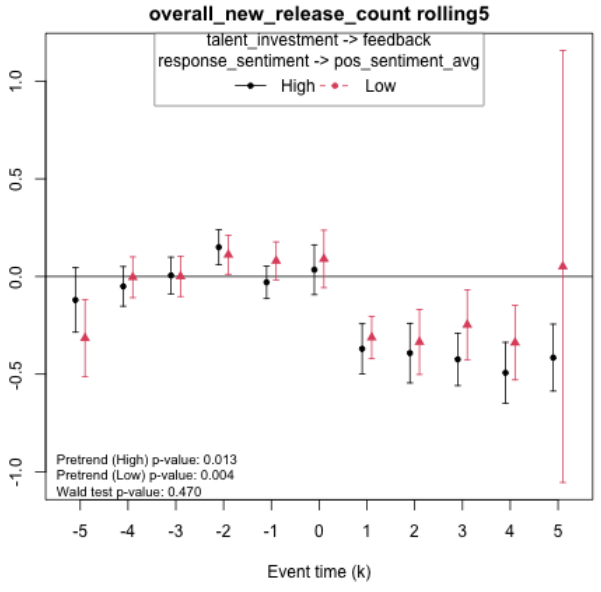

major_minor_release_count rolling5
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value: 0.040
Pretrend (Low) p-value: 0.247
Wald test p-value: 0.979
Event time (k)

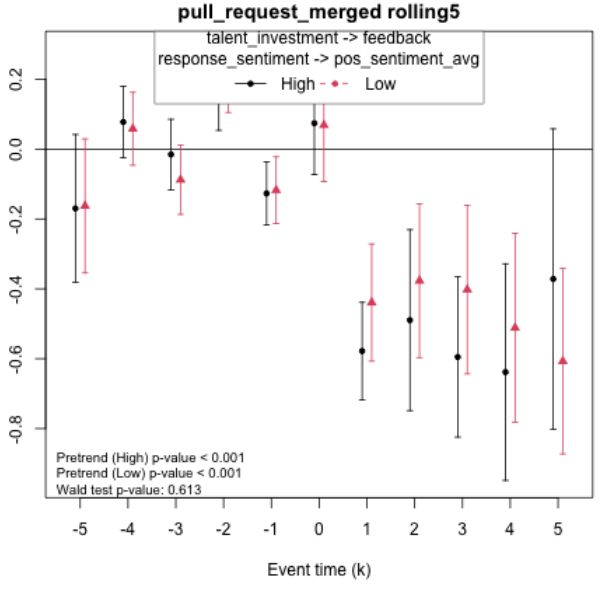

overall_new_release_count rolling5
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value: 0.021
Pretrend (Low) p-value: 0.021
Wald test p-value: 0.701
Event time (k)

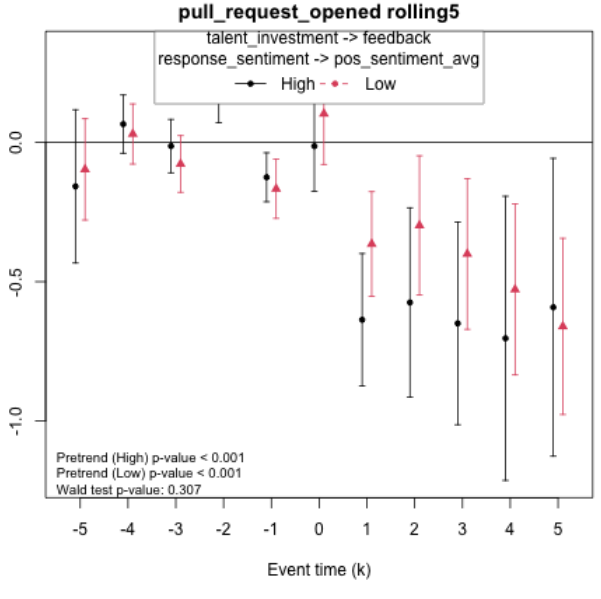

pull_request_merged rolling5
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.006
Wald test p-value: 0.658
Event time (k)

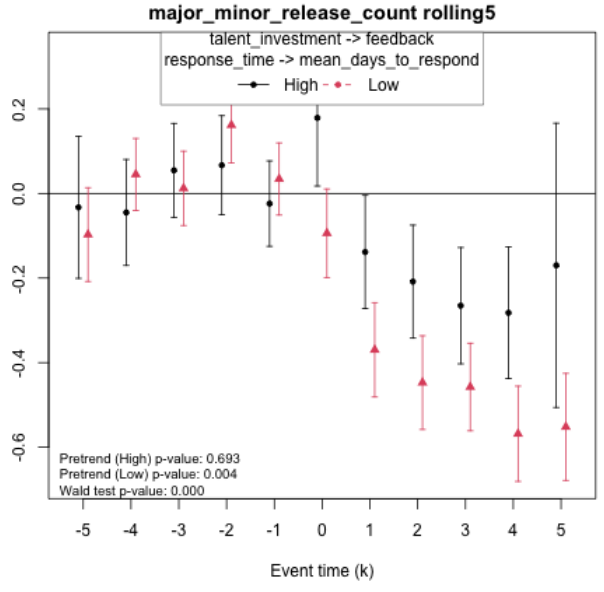

pull_request_opened rolling5
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.245
Event time (k)

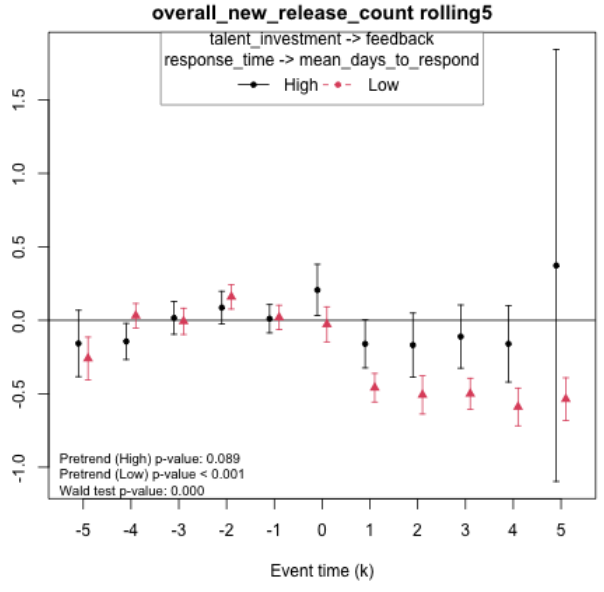

major_minor_release_count rolling5
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value: 0.009
Pretrend (Low) p-value: 0.071
Wald test p-value: 0.783
Event time (k)

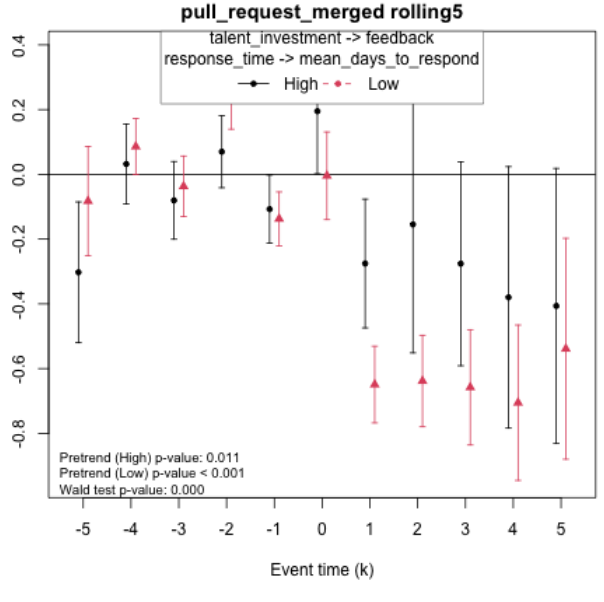

overall_new_release_count rolling5
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value: 0.013
Pretrend (Low) p-value: 0.004
Wald test p-value: 0.470
Event time (k)

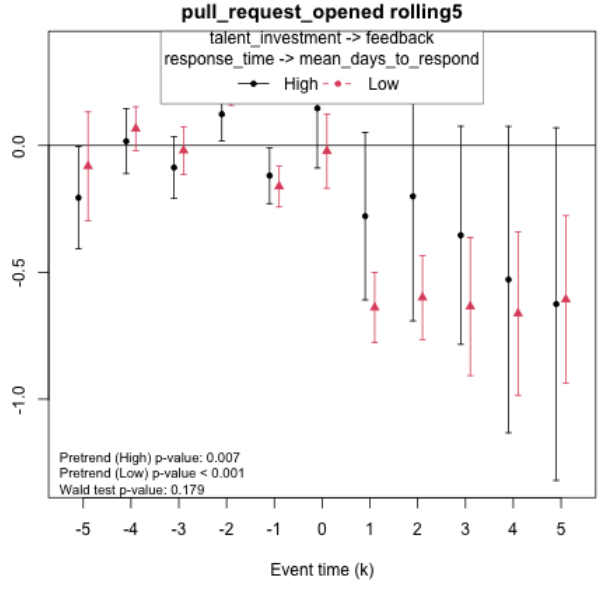

pull_request_merged rolling5
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.613
Event time (k)

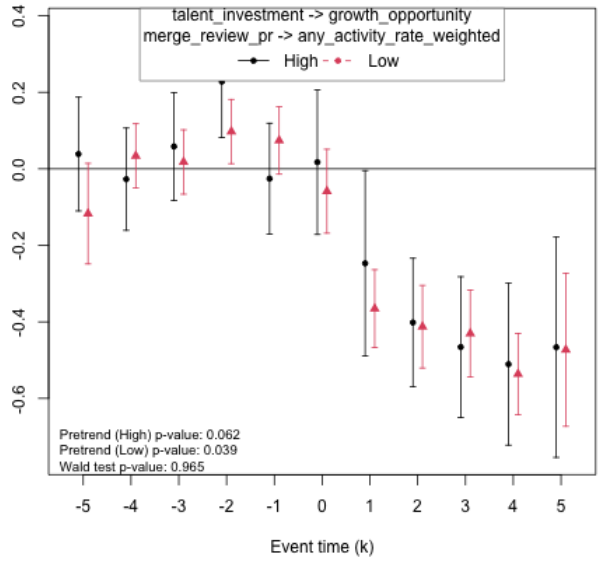

pull_request_opened rolling5
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.307
Event time (k)

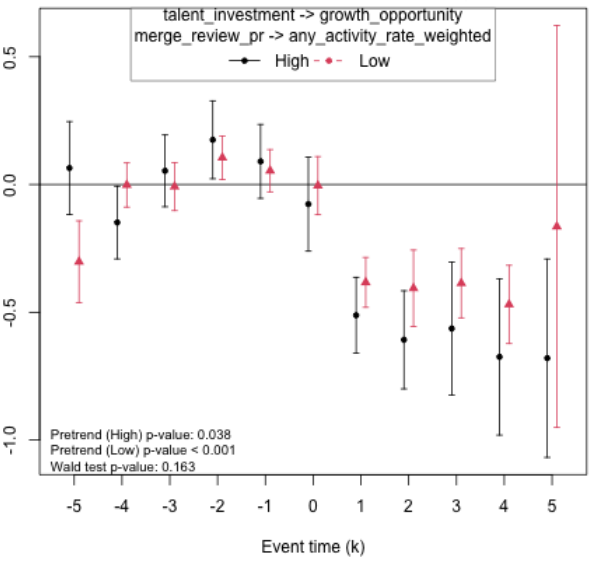

major_minor_release_count rolling5
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.693
Pretrend (Low) p-value: 0.004
Wald test p-value: 0.000
Event time (k)

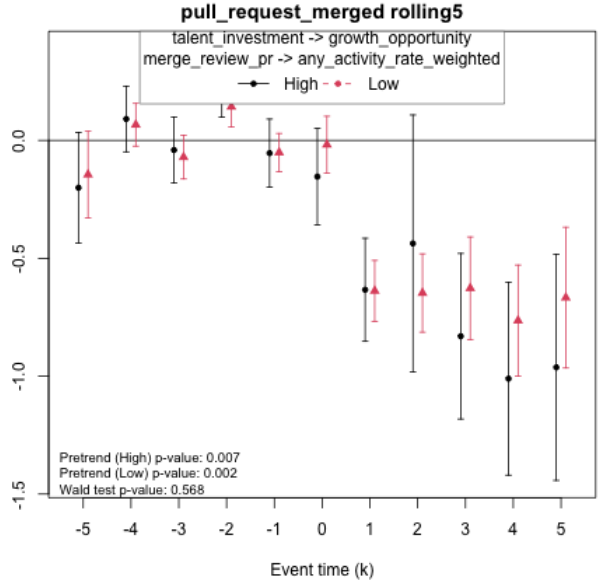

overall_new_release_count rolling5
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.089
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

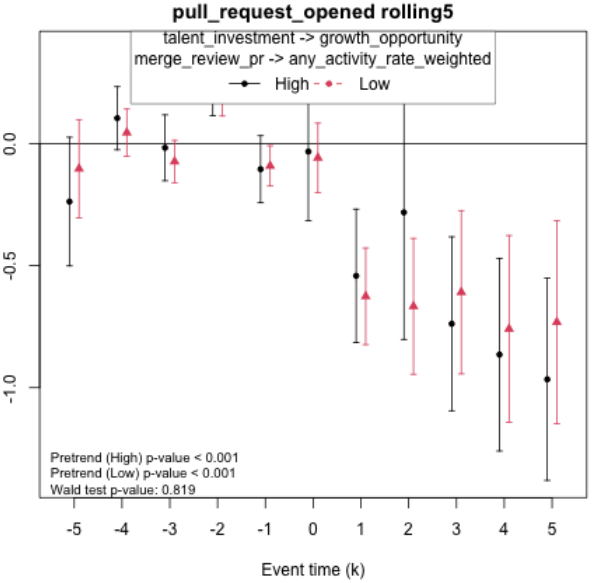

pull_request_merged rolling5
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.011
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.000
Event time (k)

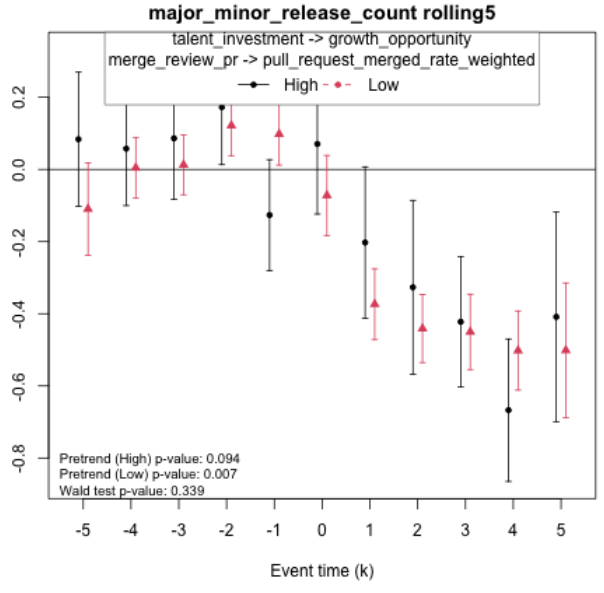

pull_request_opened rolling5
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.007
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.179
Event time (k)

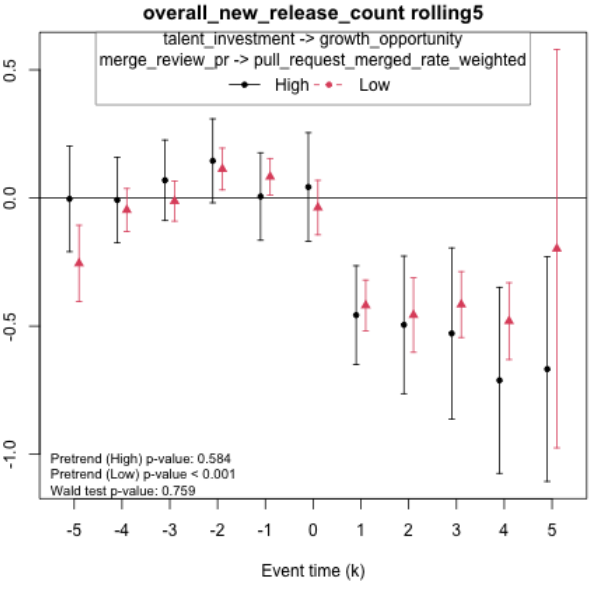

major_minor_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.062
Pretrend (Low) p-value: 0.039
Wald test p-value: 0.965
Event time (k)

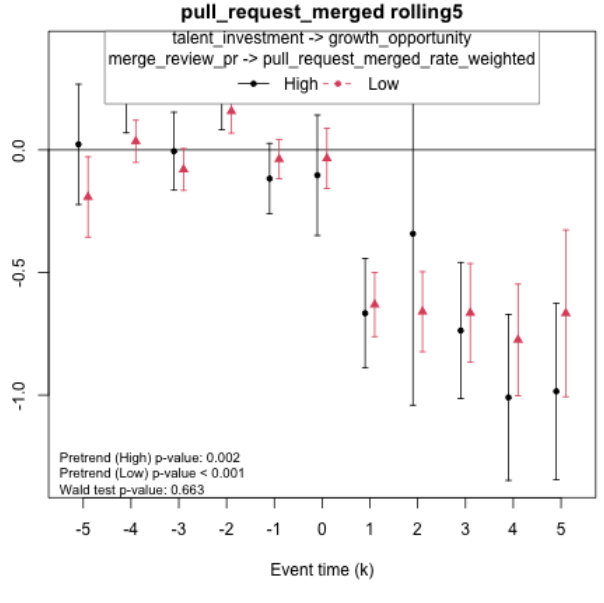

overall_new_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.038
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.163
Event time (k)

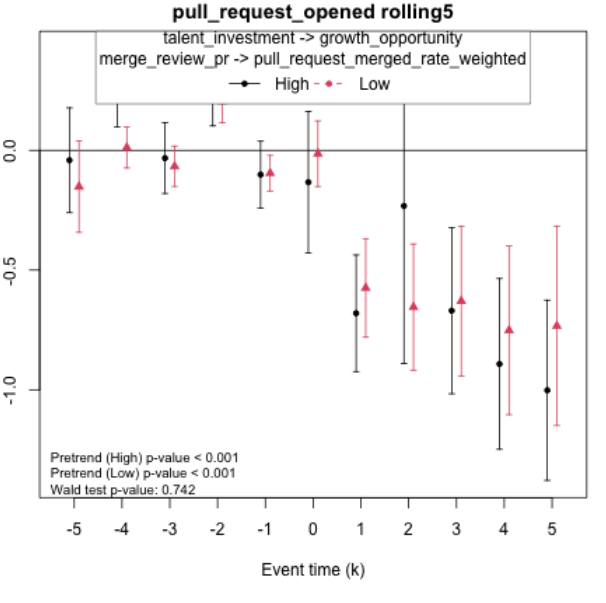

pull_request_merged rolling5
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.007
Pretrend (Low) p-value: 0.002
Wald test p-value: 0.568
Event time (k)

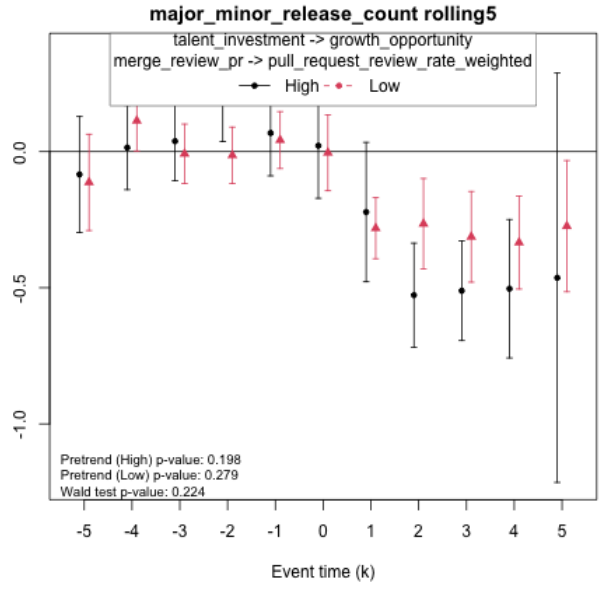

pull_request_opened rolling5
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.819
Event time (k)

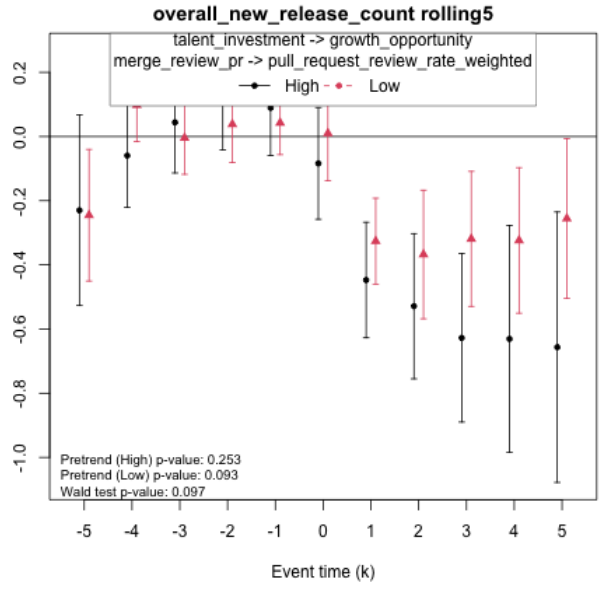

major_minor_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.094
Pretrend (Low) p-value: 0.007
Wald test p-value: 0.339
Event time (k)

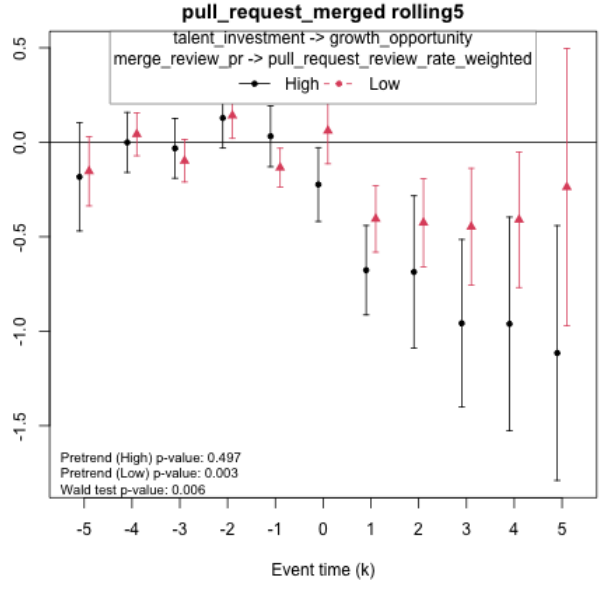

overall_new_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.584
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.759
Event time (k)

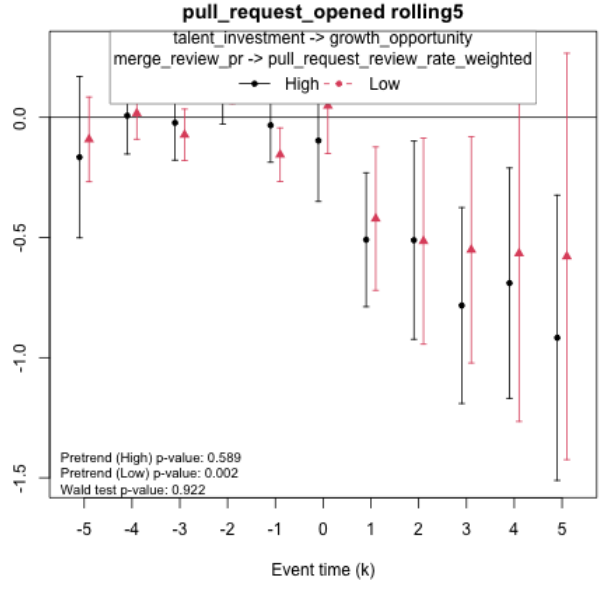

pull_request_merged rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.663
Event time (k)

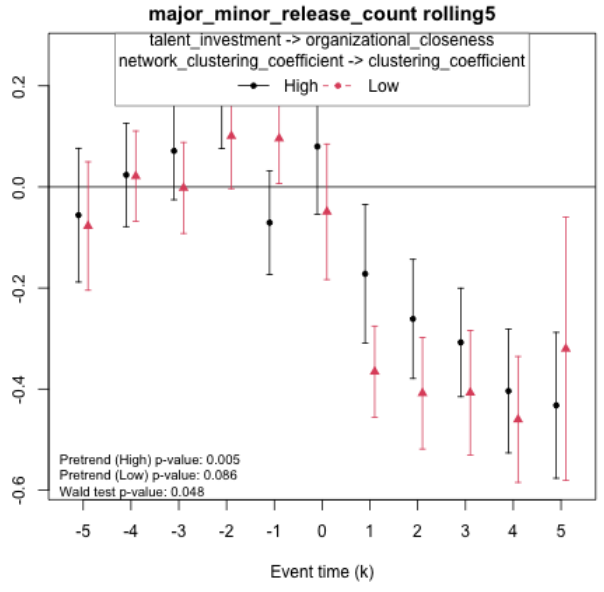

pull_request_opened rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
Wald test p-value: 0.742
Event time (k)

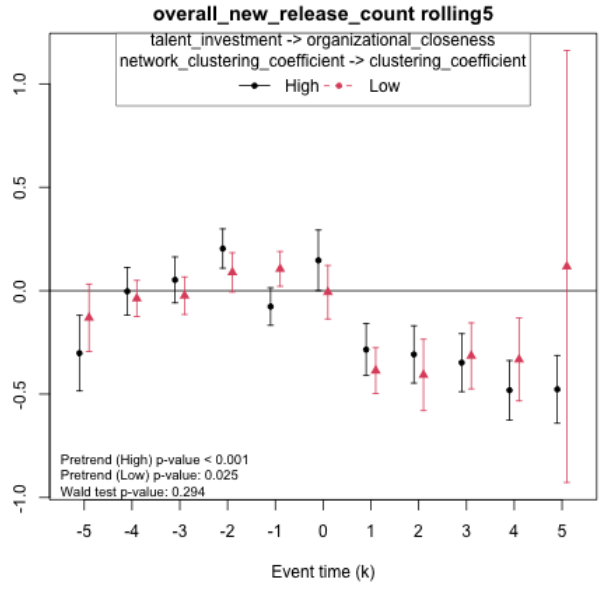

major_minor_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.198
Pretrend (Low) p-value: 0.279
Wald test p-value: 0.224
Event time (k)

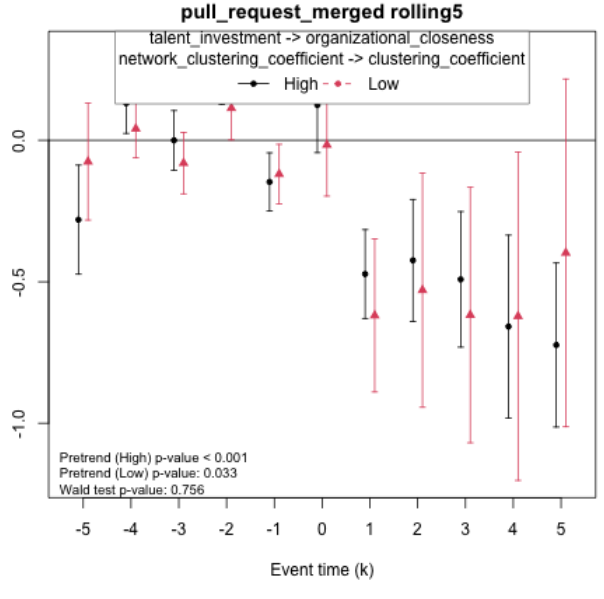

overall_new_release_count rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.253
Pretrend (Low) p-value: 0.093
Wald test p-value: 0.097
Event time (k)

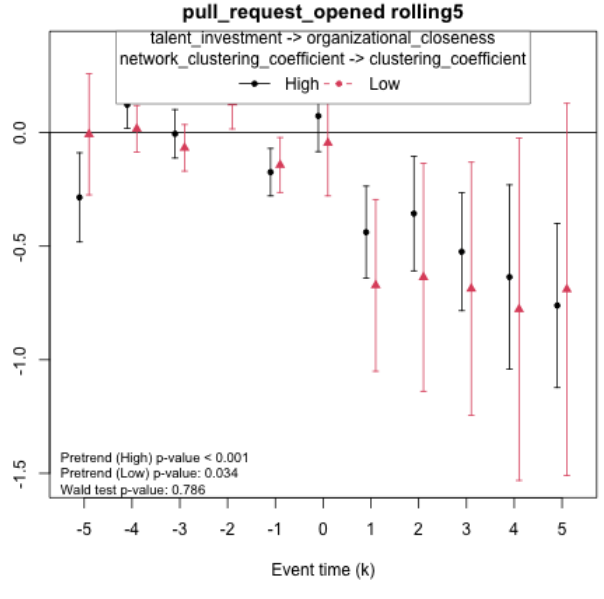

pull_request_merged rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.497
Pretrend (Low) p-value: 0.003
Wald test p-value: 0.006
Event time (k)


pull_request_opened rolling5
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.589
Pretrend (Low) p-value: 0.002
Wald test p-value: 0.922
Event time (k)


major_minor_release_count rolling5
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value: 0.005
Pretrend (Low) p-value: 0.086
Wald test p-value: 0.048
Event time (k)


overall_new_release_count rolling5
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.025
Wald test p-value: 0.294
Event time (k)


pull_request_merged rolling5
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.033
Wald test p-value: 0.756
Event time (k)


pull_request_opened rolling5
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.034
Wald test p-value: 0.786
Event time (k)