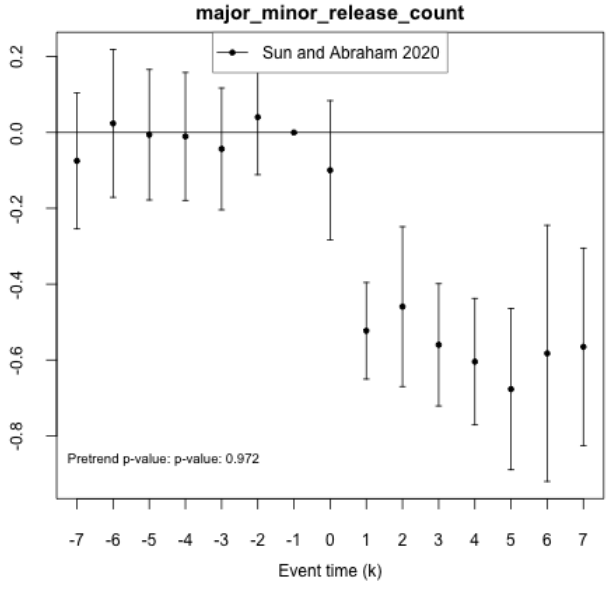
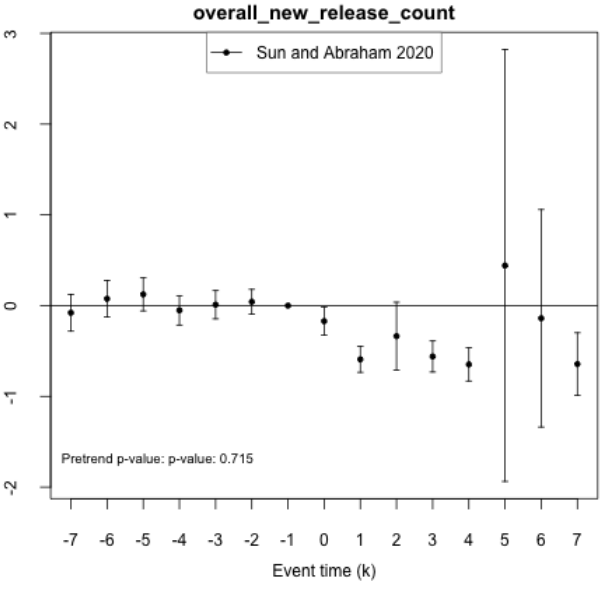
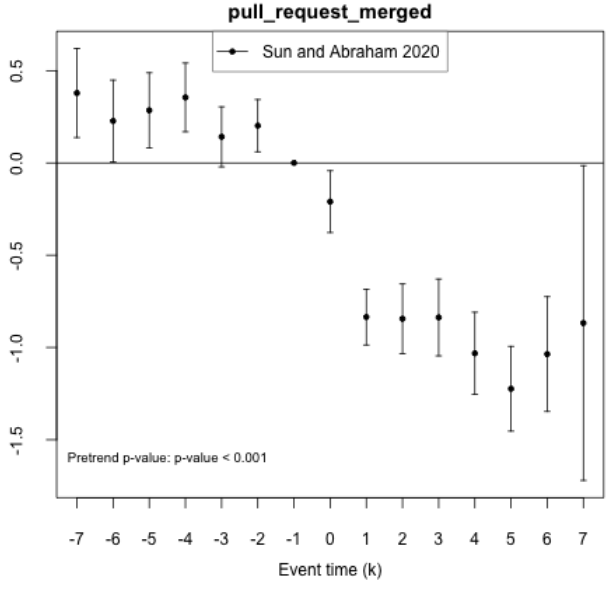
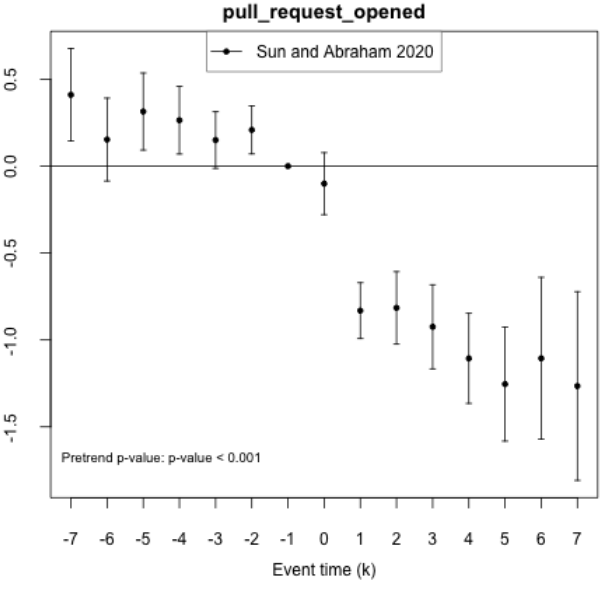
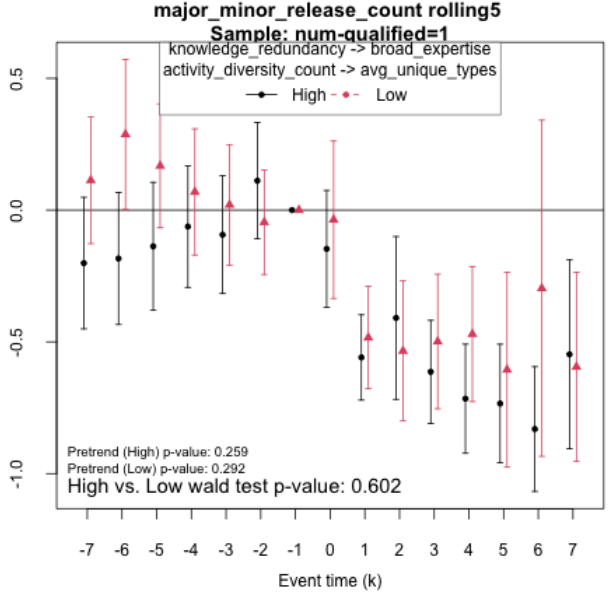
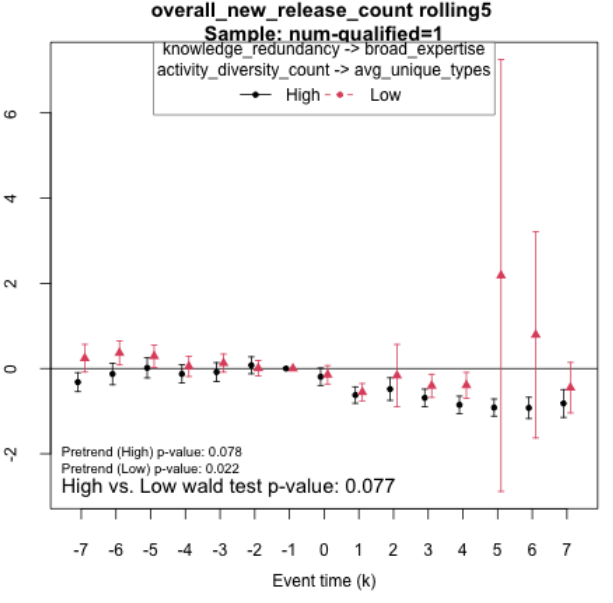

major_minor_release_count
Sun and Abraham 2020
Pretrend p-value: p-value: 0.972
Event time (k)

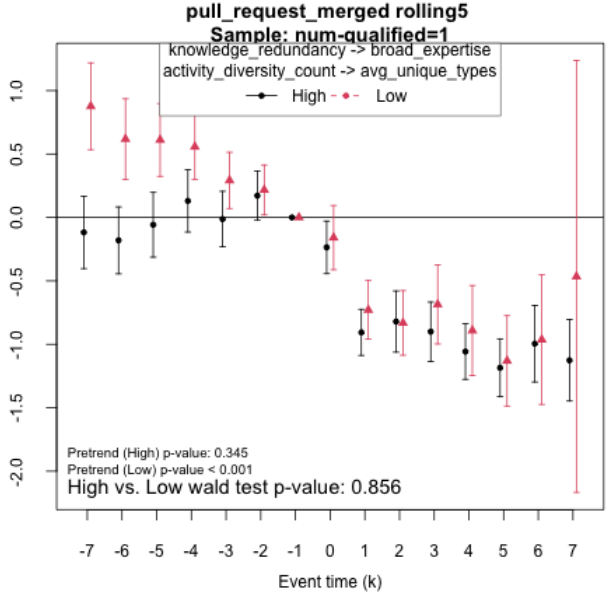

overall_new_release_count
Sun and Abraham 2020
Pretrend p-value: p-value: 0.715
Event time (k)

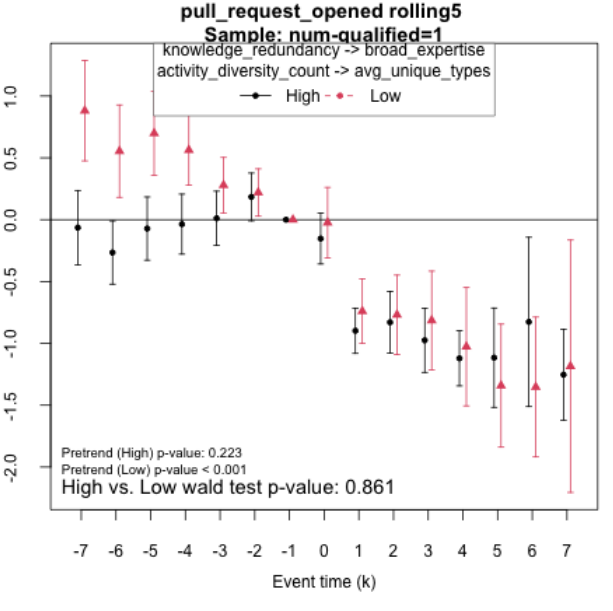

pull_request_merged
Sun and Abraham 2020
Pretrend p-value: p-value < 0.001
Event time (k)

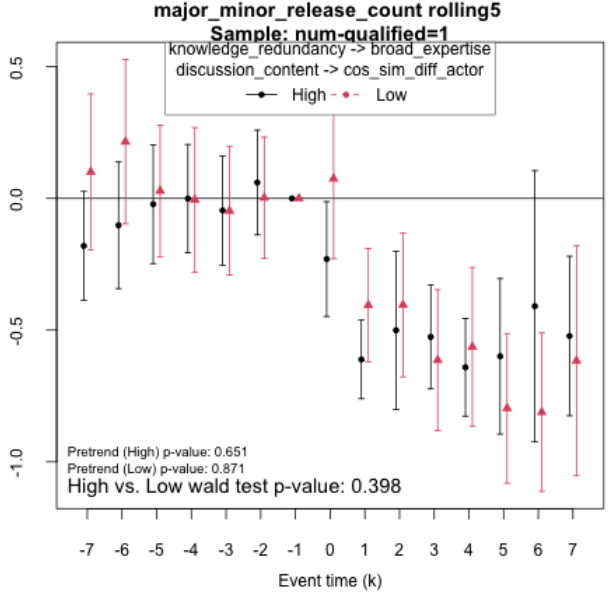

pull_request_opened
Sun and Abraham 2020
Pretrend p-value: p-value < 0.001
Event time (k)

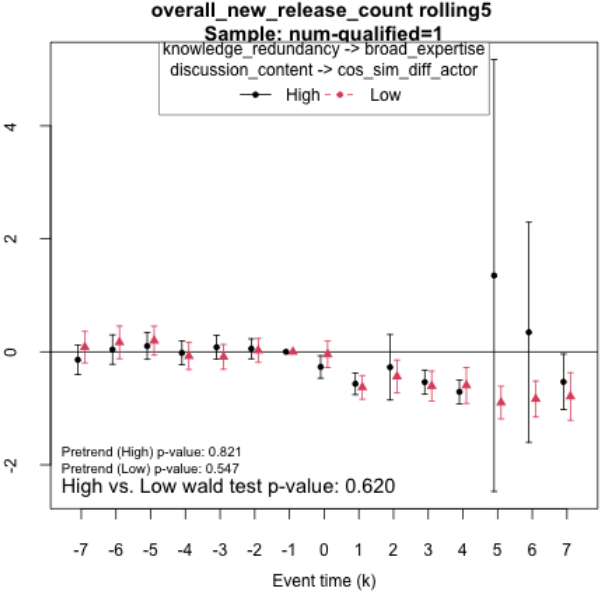

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.259
Pretrend (Low) p-value: 0.292
High vs. Low wald test p-value: 0.602
Event time (k)

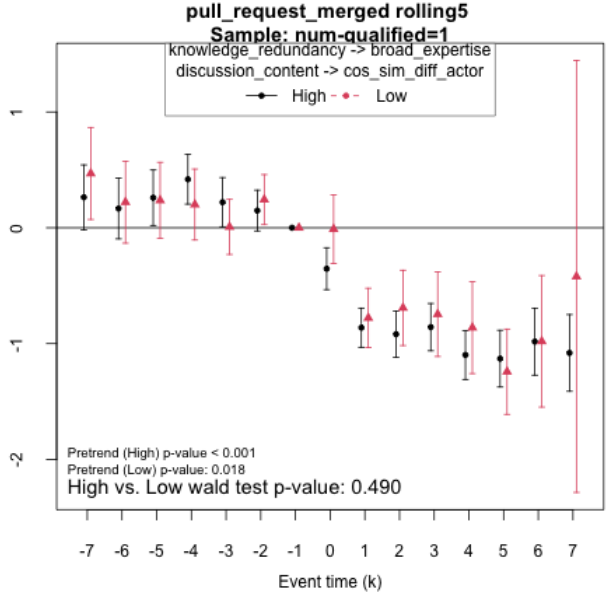

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.078
Pretrend (Low) p-value: 0.022
High vs. Low wald test p-value: 0.077
Event time (k)

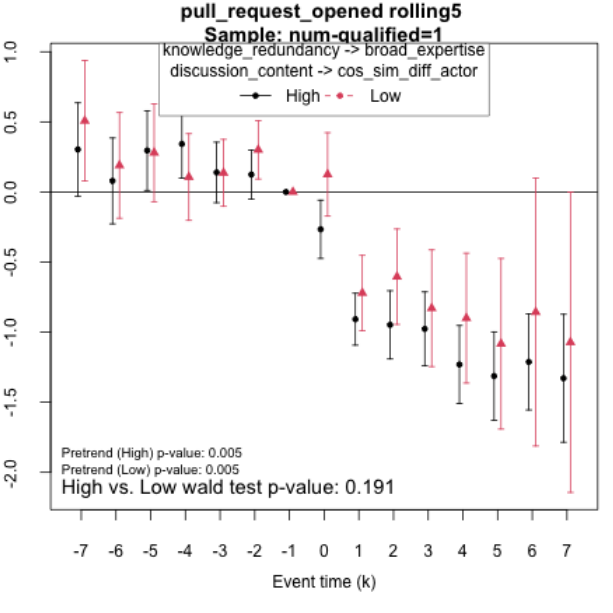

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.345
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.856
Event time (k)

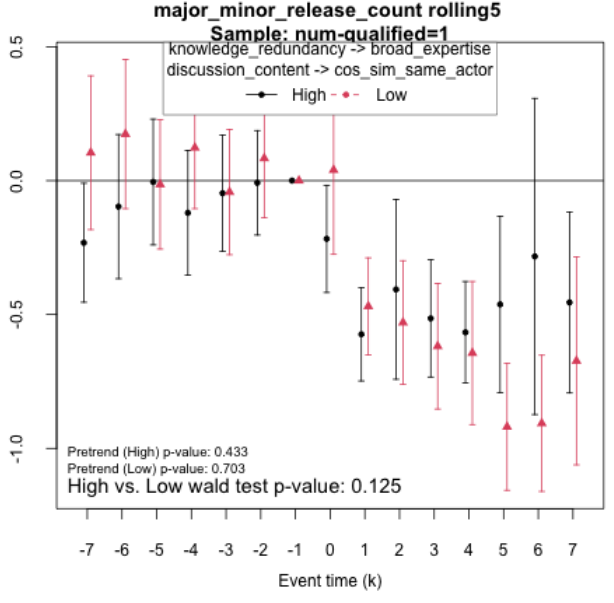

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
activity_diversity_count -> avg_unique_types
High
Low
Pretrend (High) p-value: 0.223
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.861
Event time (k)

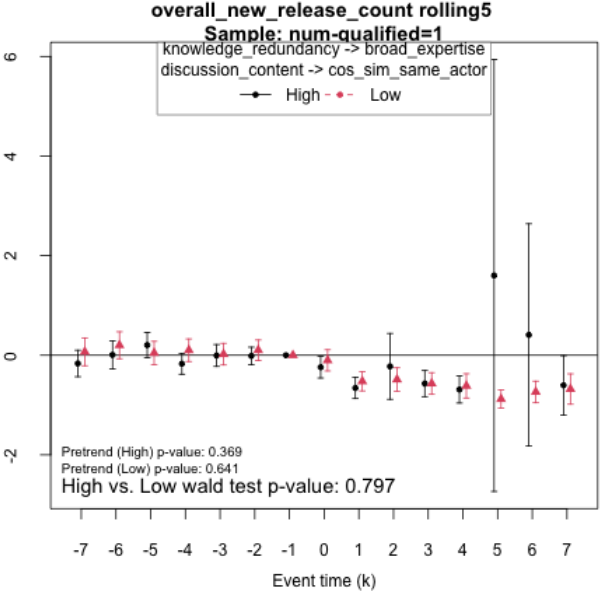

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value: 0.651
Pretrend (Low) p-value: 0.871
High vs. Low wald test p-value: 0.398
Event time (k)

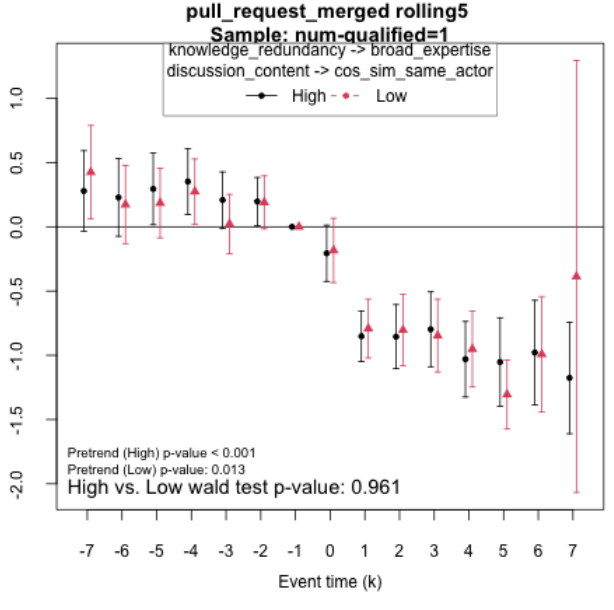

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value: 0.821
Pretrend (Low) p-value: 0.547
High vs. Low wald test p-value: 0.620
Event time (k)

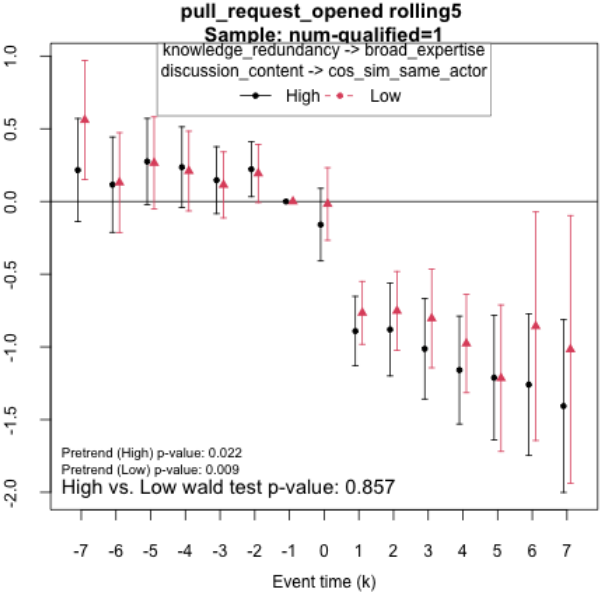

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.018
High vs. Low wald test p-value: 0.490
Event time (k)

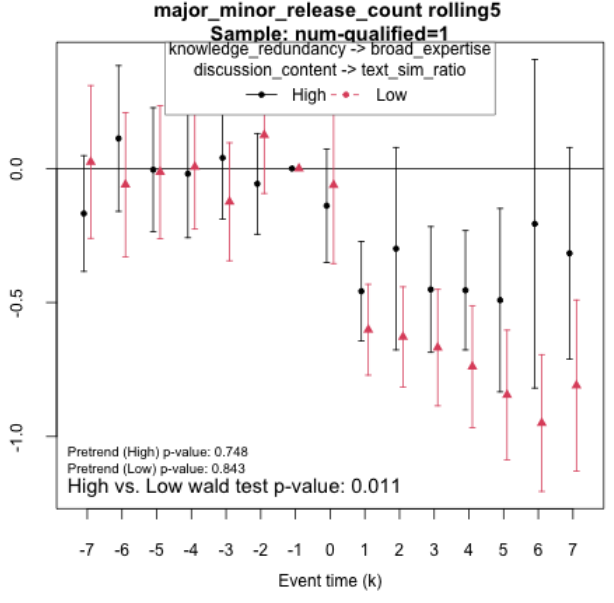

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_diff_actor
High
Low
Pretrend (High) p-value: 0.005
Pretrend (Low) p-value: 0.005
High vs. Low wald test p-value: 0.191
Event time (k)

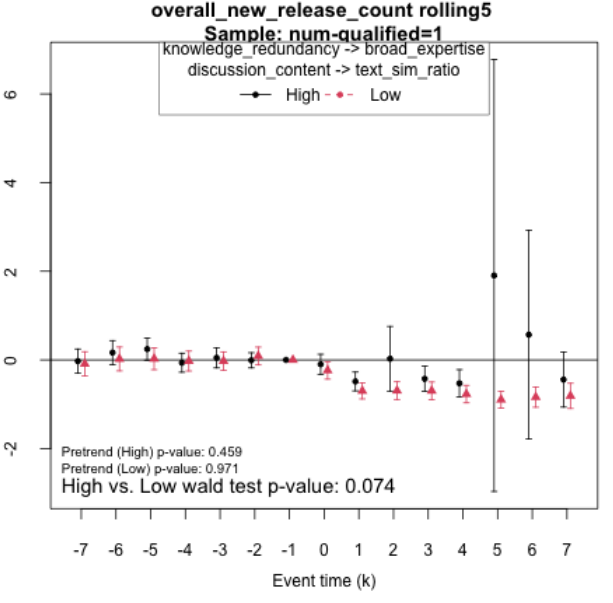

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value: 0.433
Pretrend (Low) p-value: 0.703
High vs. Low wald test p-value: 0.125
Event time (k)

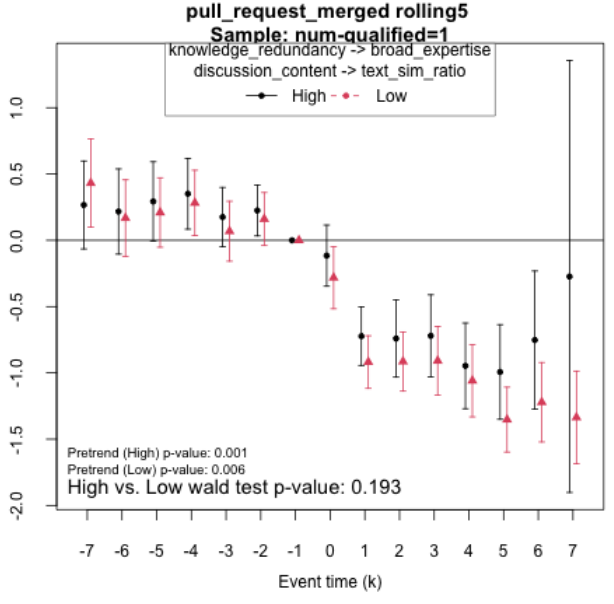

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value: 0.369
Pretrend (Low) p-value: 0.641
High vs. Low wald test p-value: 0.797
Event time (k)

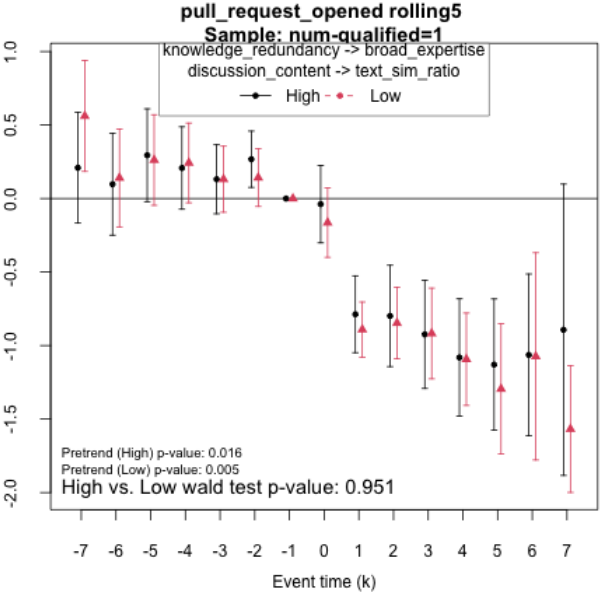

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.013
High vs. Low wald test p-value: 0.961
Event time (k)

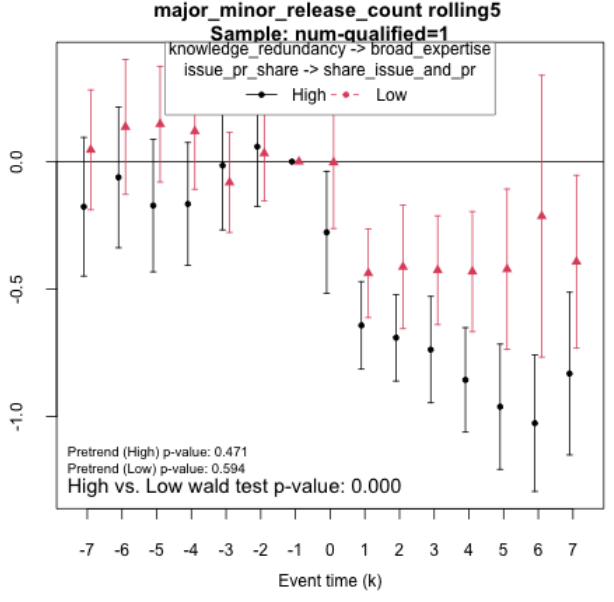

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> cos_sim_same_actor
High
Low
Pretrend (High) p-value: 0.022
Pretrend (Low) p-value: 0.009
High vs. Low wald test p-value: 0.857
Event time (k)

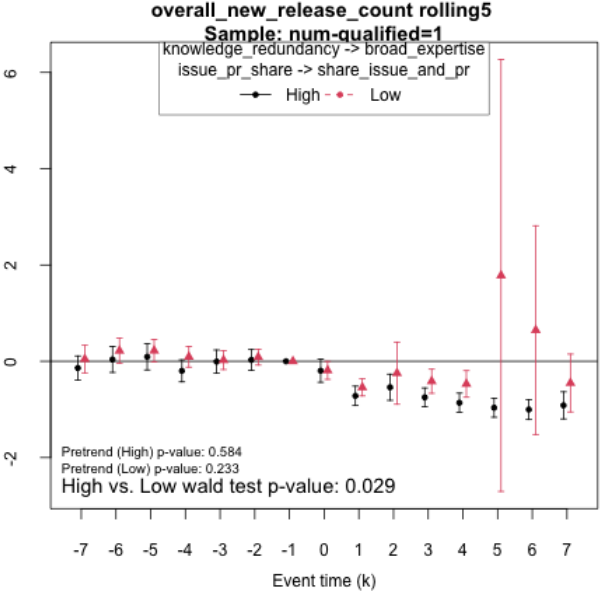

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.748
Pretrend (Low) p-value: 0.843
High vs. Low wald test p-value: 0.011
Event time (k)

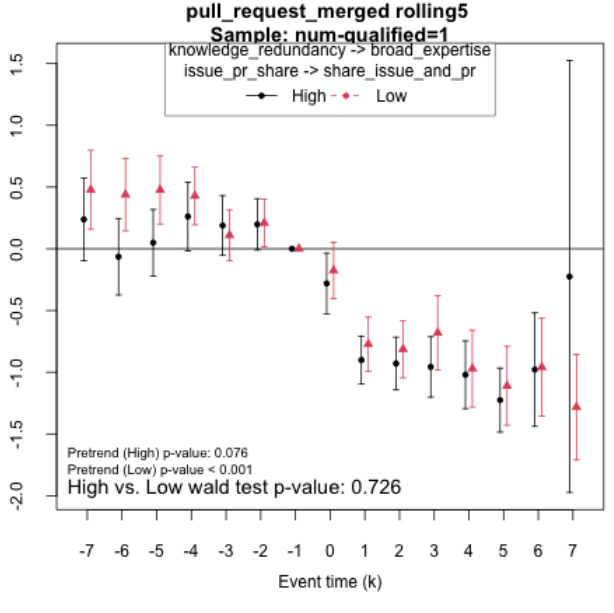

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.459
Pretrend (Low) p-value: 0.971
High vs. Low wald test p-value: 0.074
Event time (k)

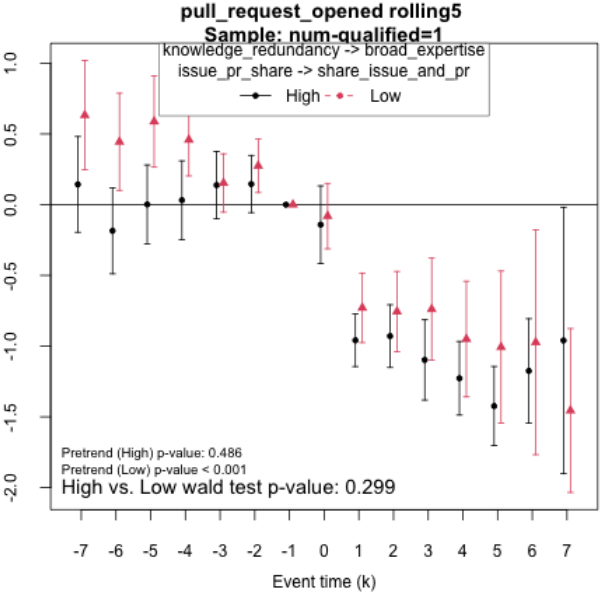

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.001
Pretrend (Low) p-value: 0.006
High vs. Low wald test p-value: 0.193
Event time (k)

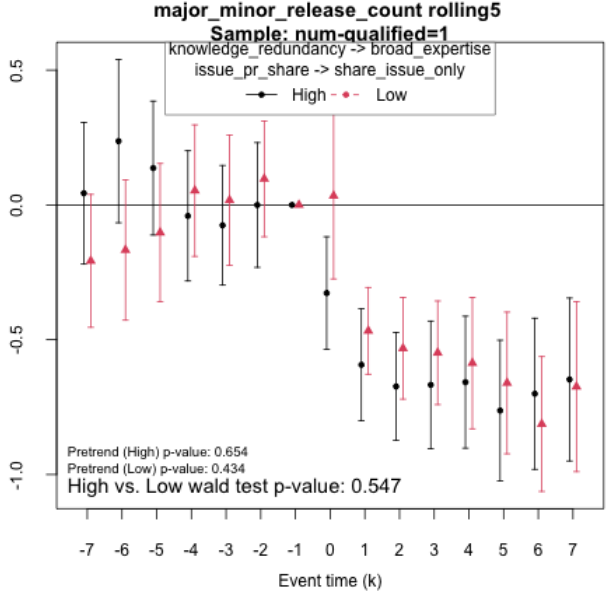

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
discussion_content -> text_sim_ratio
High
Low
Pretrend (High) p-value: 0.016
Pretrend (Low) p-value: 0.005
High vs. Low wald test p-value: 0.951
Event time (k)

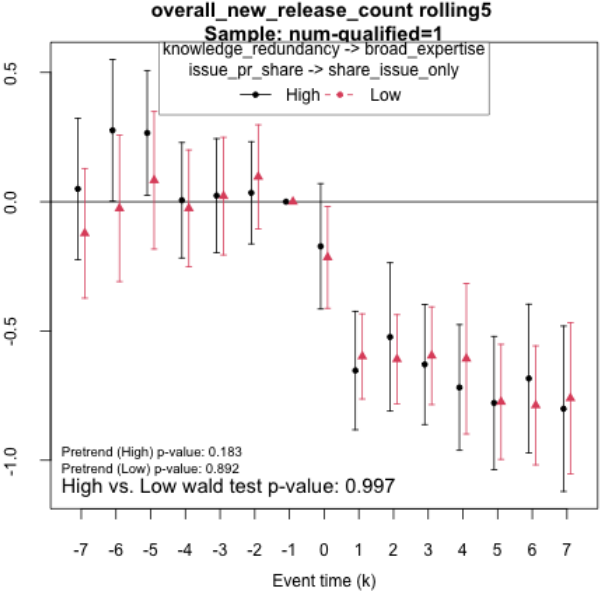

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.471
Pretrend (Low) p-value: 0.594
High vs. Low wald test p-value: 0.000
Event time (k)

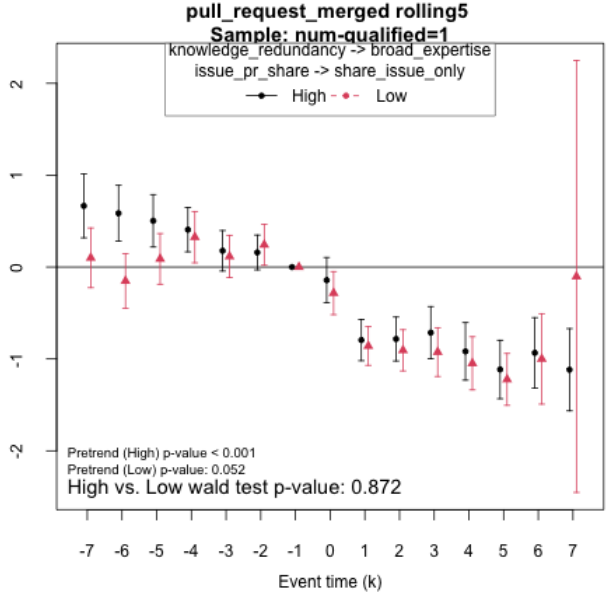

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.584
Pretrend (Low) p-value: 0.233
High vs. Low wald test p-value: 0.029
Event time (k)

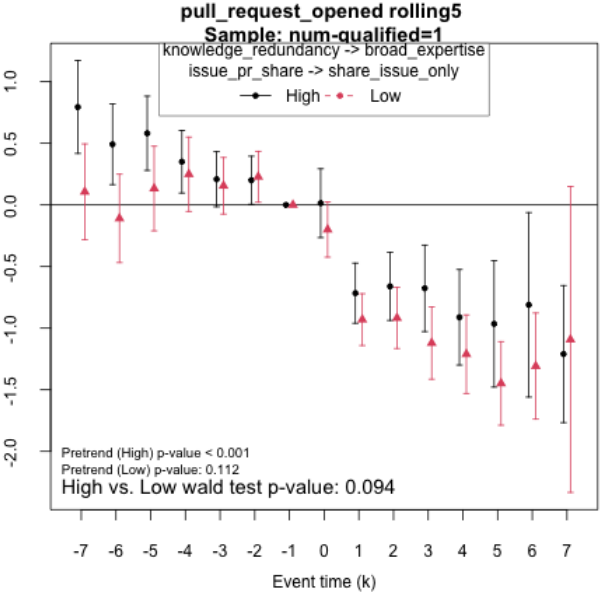

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.076
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.726
Event time (k)

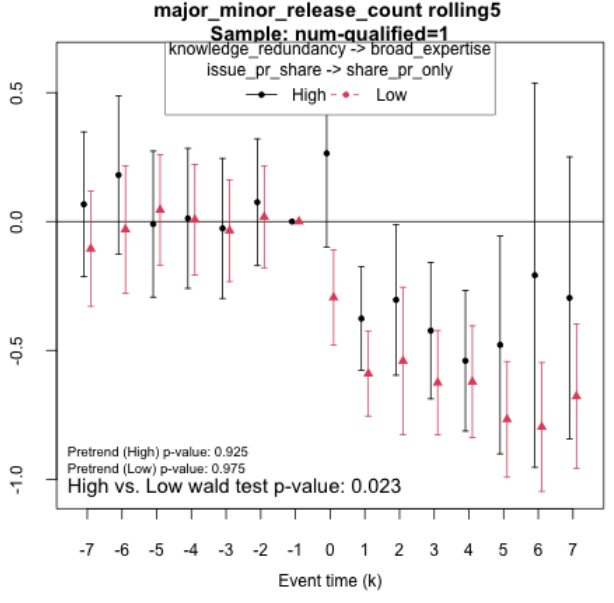

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_and_pr
High
Low
Pretrend (High) p-value: 0.486
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.299
Event time (k)

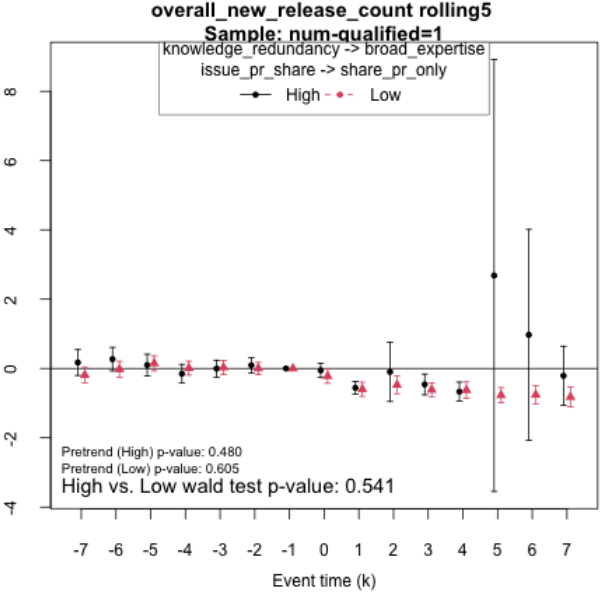

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value: 0.654
Pretrend (Low) p-value: 0.434
High vs. Low wald test p-value: 0.547
Event time (k)

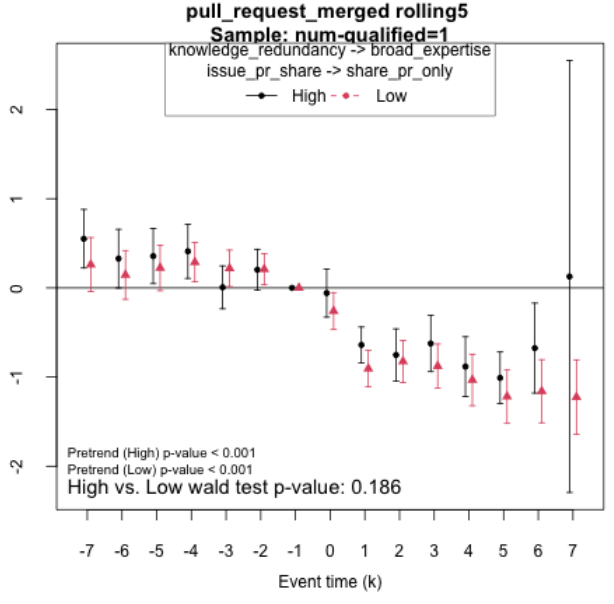

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value: 0.183
Pretrend (Low) p-value: 0.892
High vs. Low wald test p-value: 0.997
Event time (k)

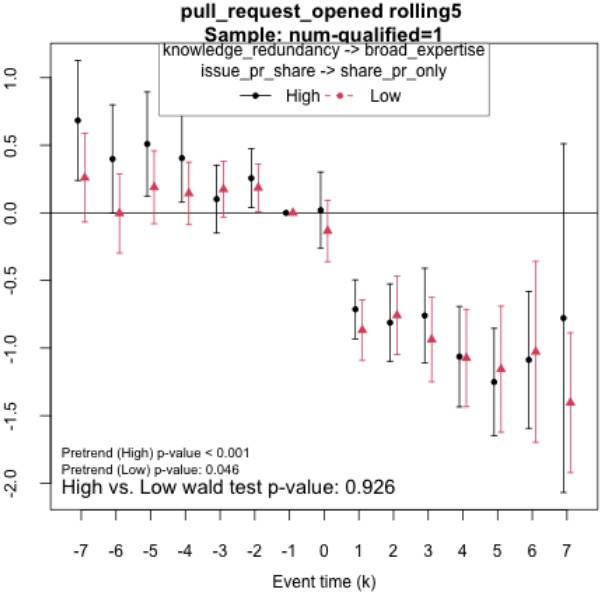

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.052
High vs. Low wald test p-value: 0.872
Event time (k)

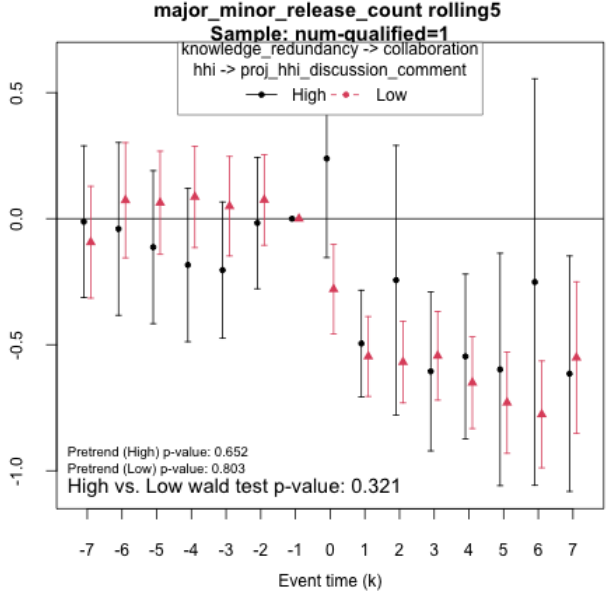

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_issue_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.112
High vs. Low wald test p-value: 0.094
Event time (k)

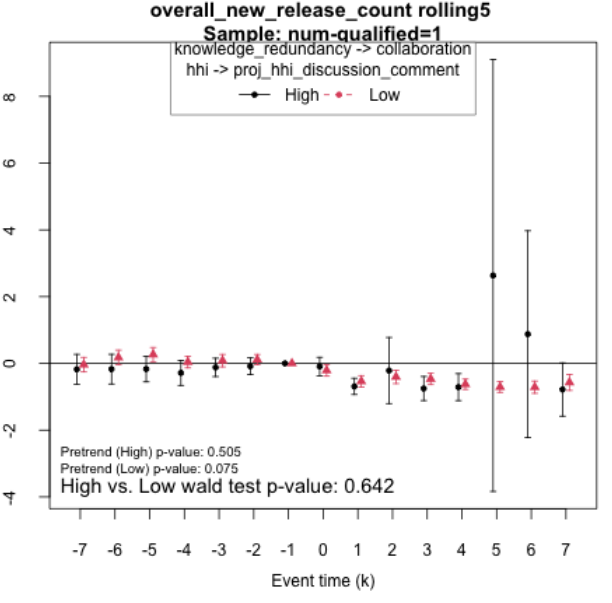

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value: 0.925
Pretrend (Low) p-value: 0.975
High vs. Low wald test p-value: 0.023
Event time (k)

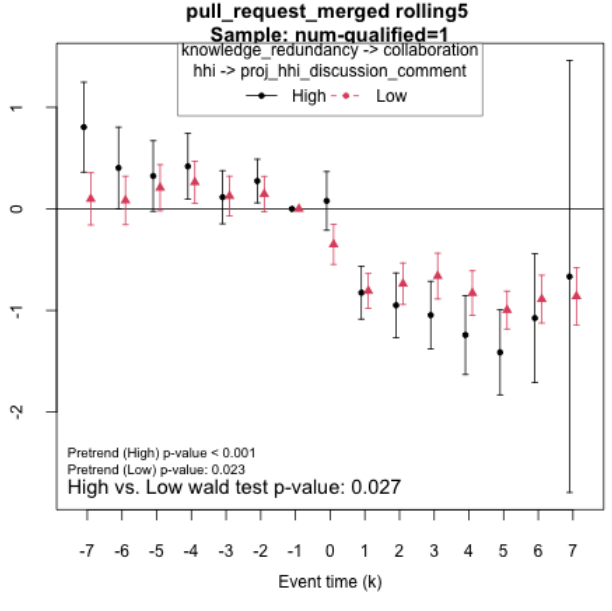

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value: 0.480
Pretrend (Low) p-value: 0.605
High vs. Low wald test p-value: 0.541
Event time (k)

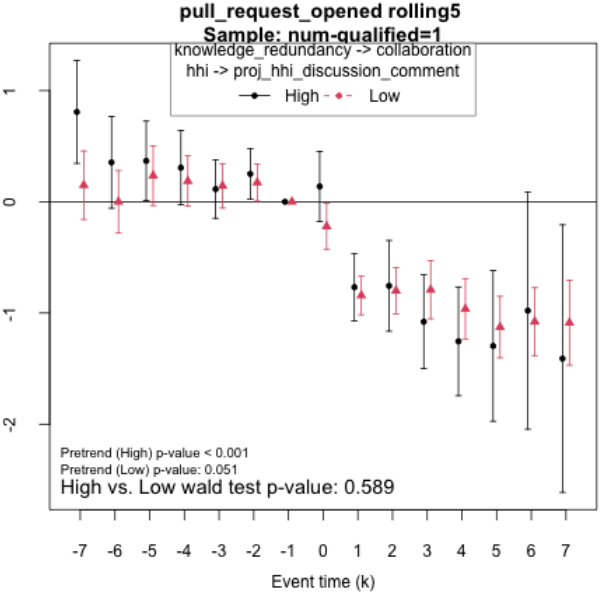

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.186
Event time (k)

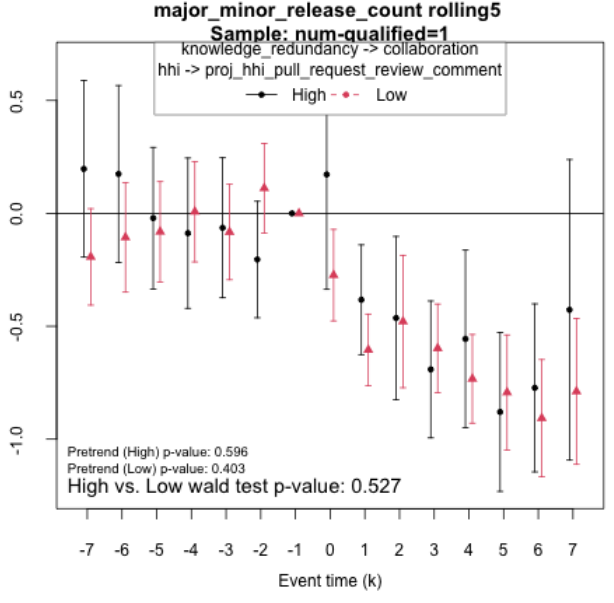

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> broad_expertise
issue_pr_share -> share_pr_only
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.046
High vs. Low wald test p-value: 0.926
Event time (k)

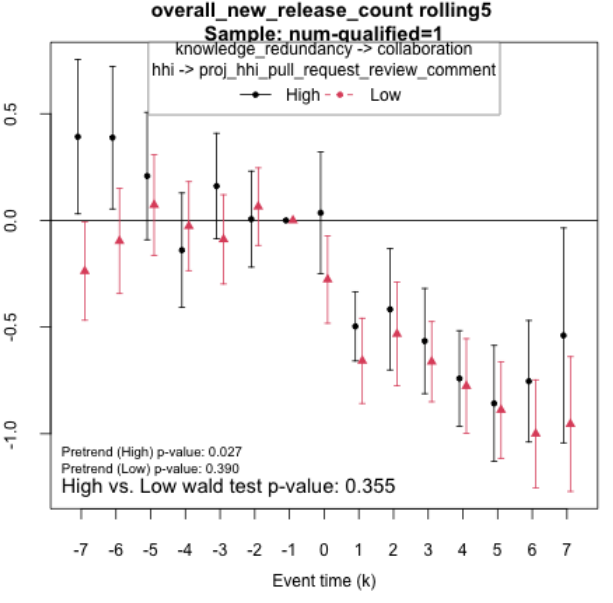

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value: 0.652
Pretrend (Low) p-value: 0.803
High vs. Low wald test p-value: 0.321
Event time (k)

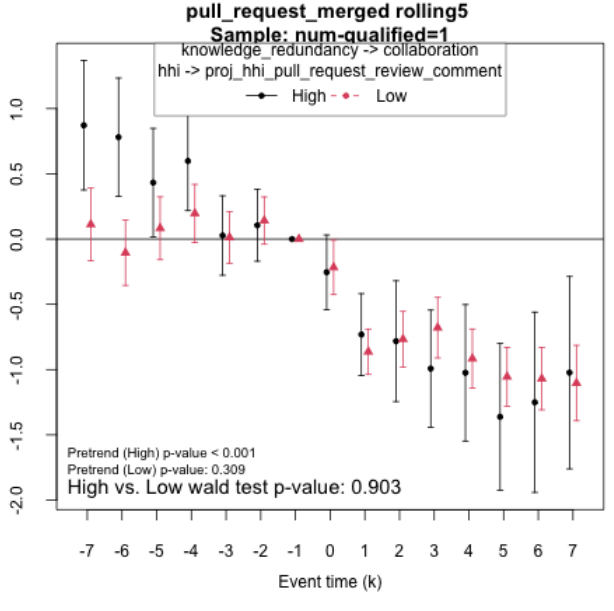

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value: 0.505
Pretrend (Low) p-value: 0.075
High vs. Low wald test p-value: 0.642
Event time (k)

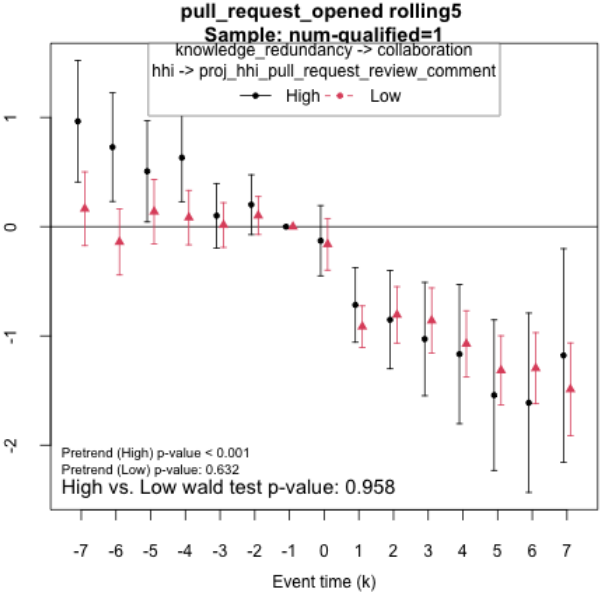

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.023
High vs. Low wald test p-value: 0.027
Event time (k)

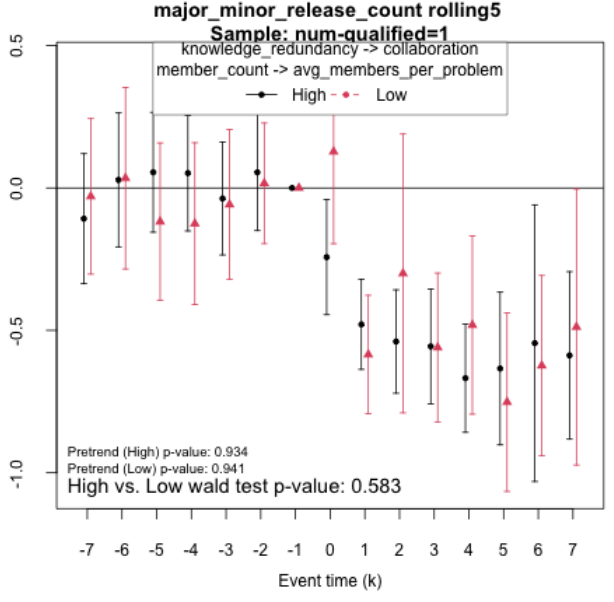

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_discussion_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.051
High vs. Low wald test p-value: 0.589
Event time (k)

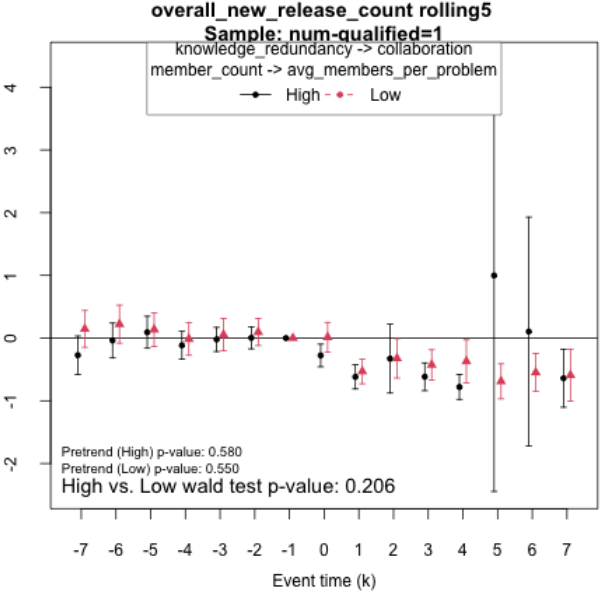

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.596
Pretrend (Low) p-value: 0.403
High vs. Low wald test p-value: 0.527
Event time (k)

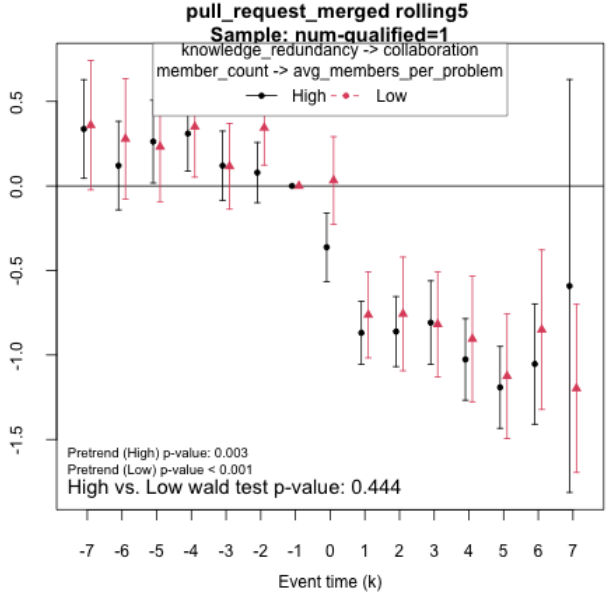

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.027
Pretrend (Low) p-value: 0.390
High vs. Low wald test p-value: 0.355
Event time (k)

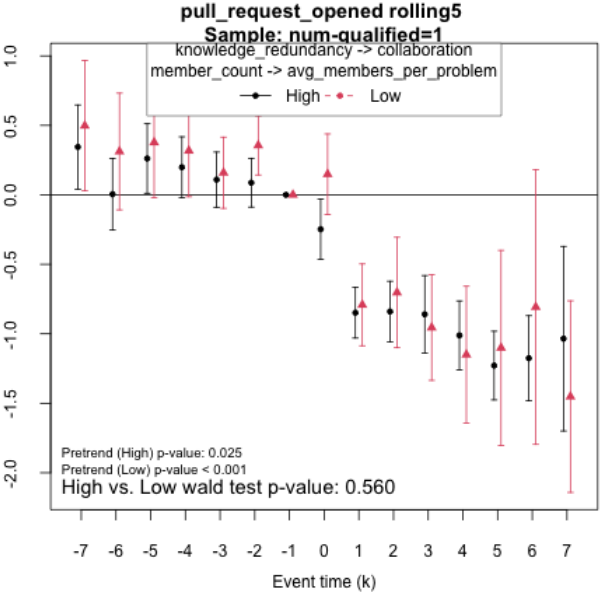

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.309
High vs. Low wald test p-value: 0.903
Event time (k)

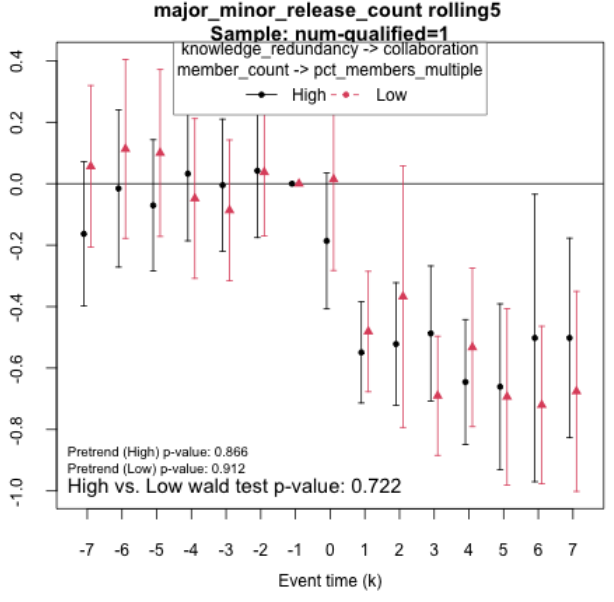

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
hhi -> proj_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.632
High vs. Low wald test p-value: 0.958
Event time (k)

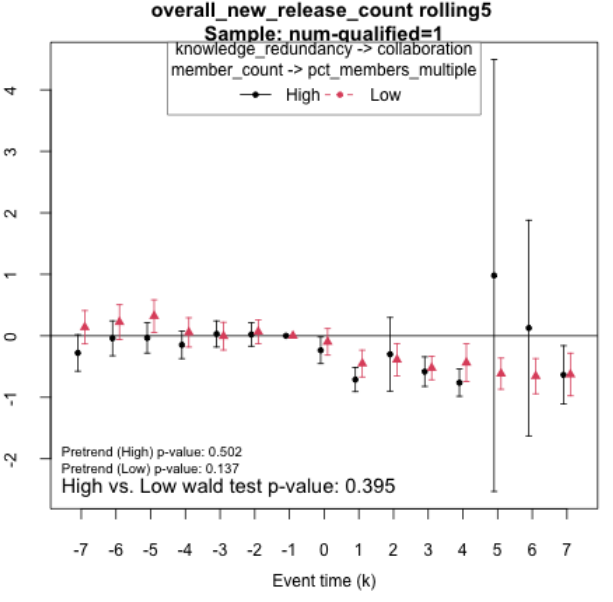

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.934
Pretrend (Low) p-value: 0.941
High vs. Low wald test p-value: 0.583
Event time (k)

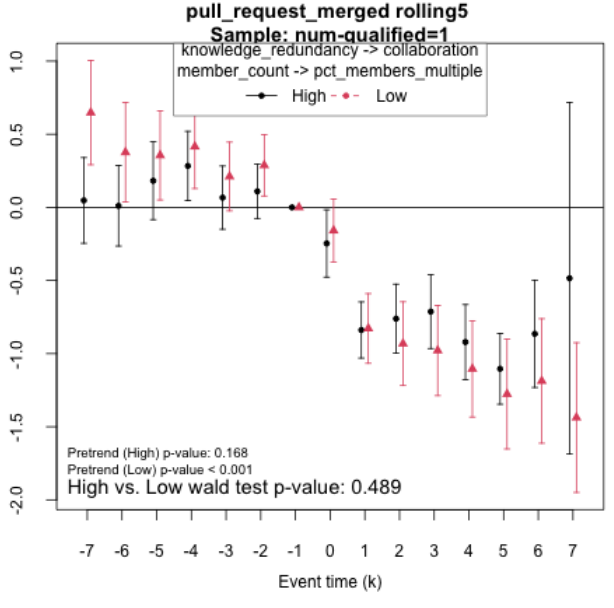

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.580
Pretrend (Low) p-value: 0.550
High vs. Low wald test p-value: 0.206
Event time (k)

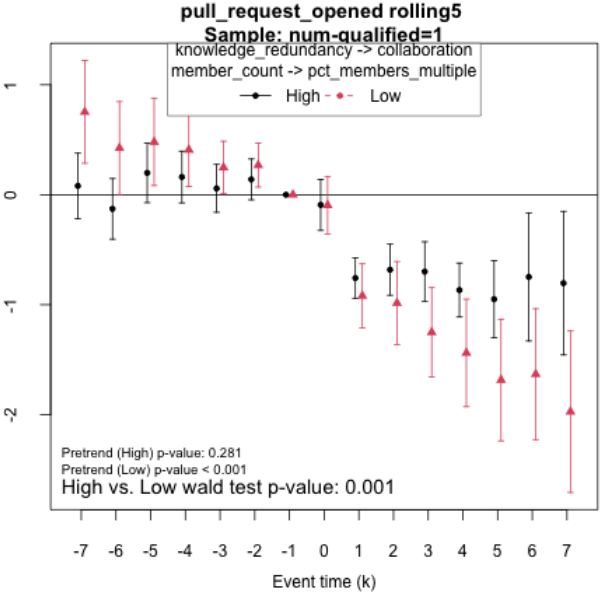

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.003
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.444
Event time (k)

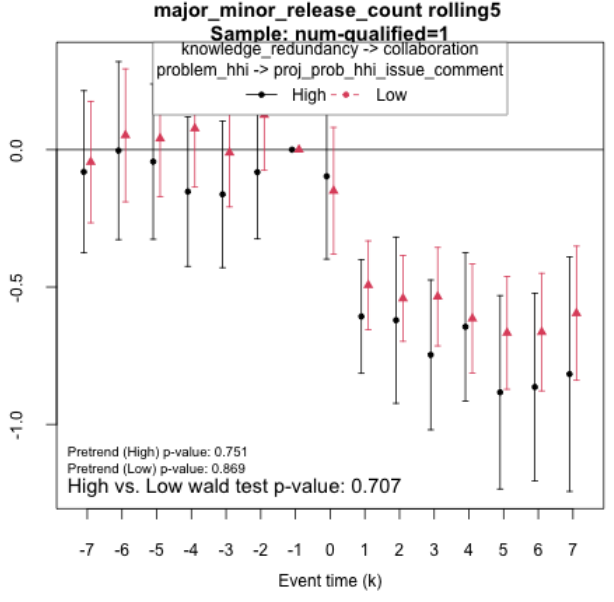

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> avg_members_per_problem
High
Low
Pretrend (High) p-value: 0.025
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.560
Event time (k)

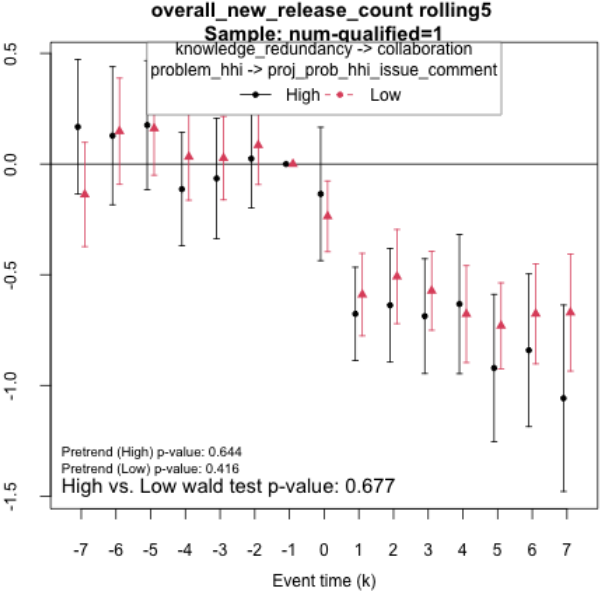

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.866
Pretrend (Low) p-value: 0.912
High vs. Low wald test p-value: 0.722
Event time (k)

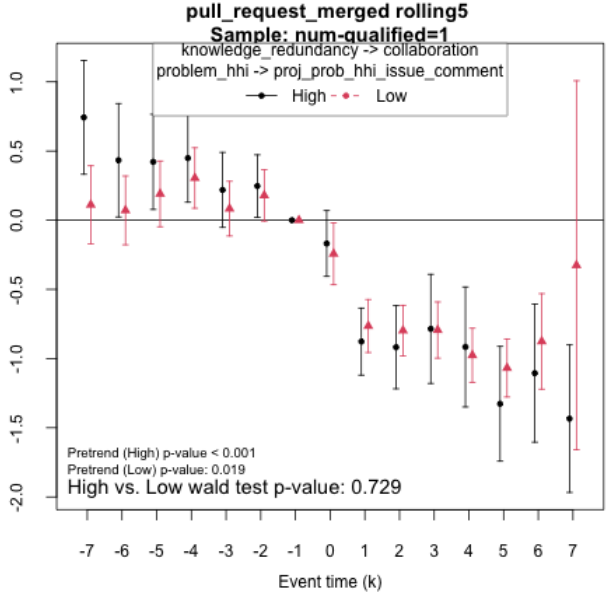

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.502
Pretrend (Low) p-value: 0.137
High vs. Low wald test p-value: 0.395
Event time (k)

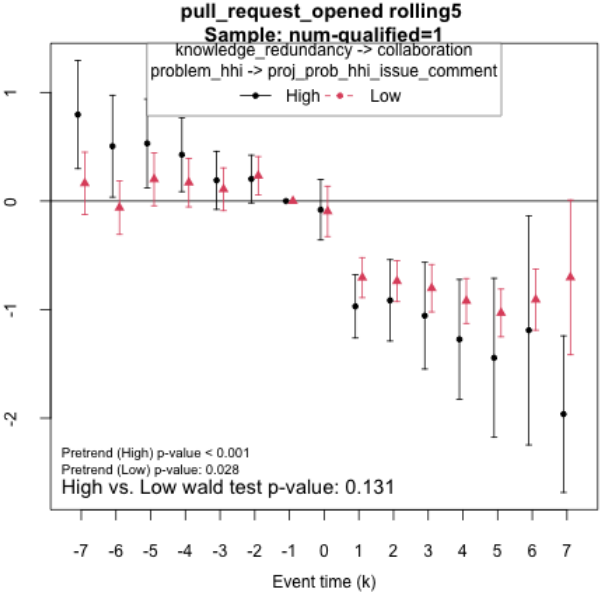

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.168
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.489
Event time (k)

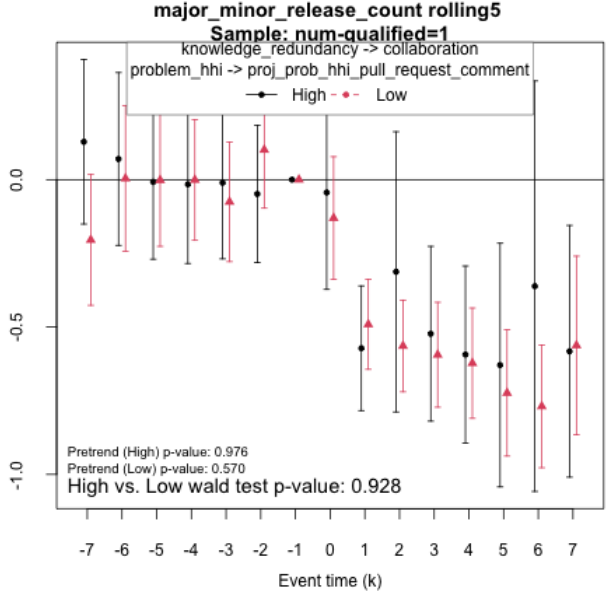

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
member_count -> pct_members_multiple
High
Low
Pretrend (High) p-value: 0.281
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.001
Event time (k)

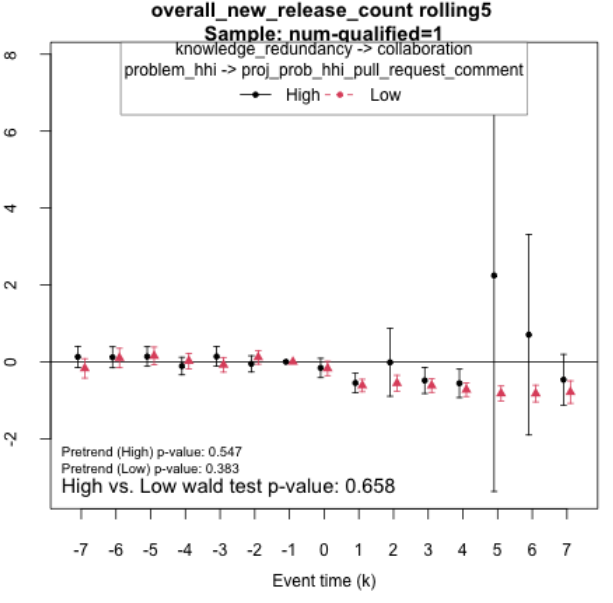

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value: 0.751
Pretrend (Low) p-value: 0.869
High vs. Low wald test p-value: 0.707
Event time (k)

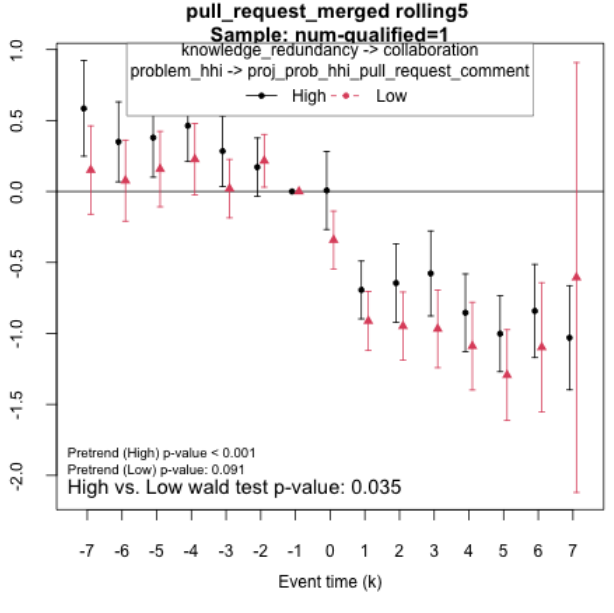

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value: 0.644
Pretrend (Low) p-value: 0.416
High vs. Low wald test p-value: 0.677
Event time (k)

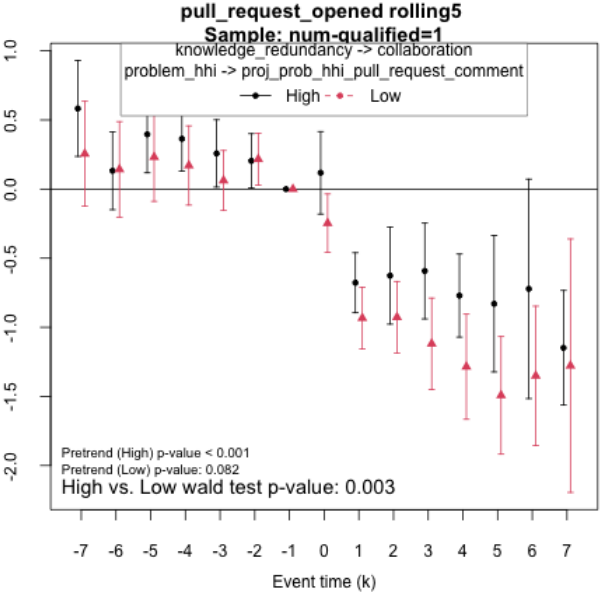

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.019
High vs. Low wald test p-value: 0.729
Event time (k)

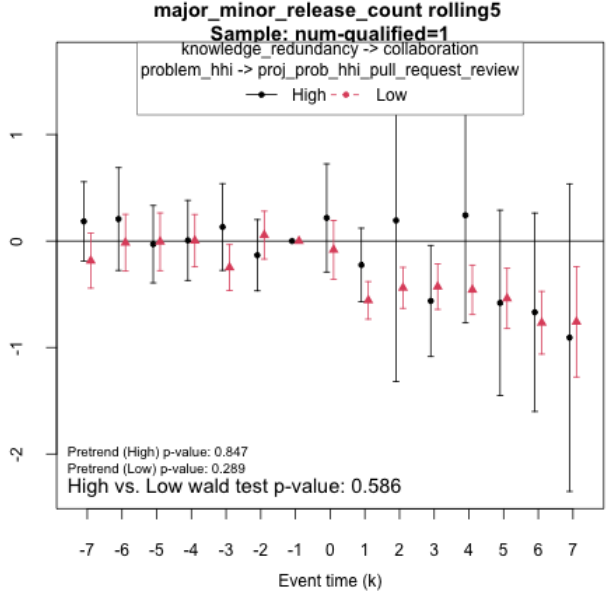

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_issue_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.028
High vs. Low wald test p-value: 0.131
Event time (k)

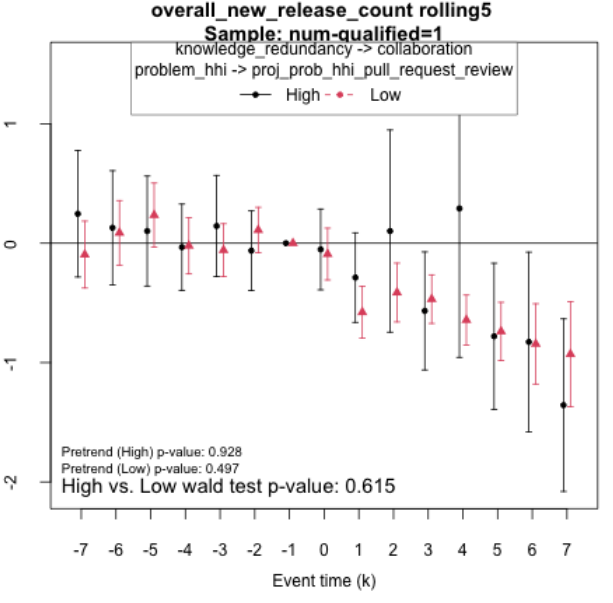

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value: 0.976
Pretrend (Low) p-value: 0.570
High vs. Low wald test p-value: 0.928
Event time (k)

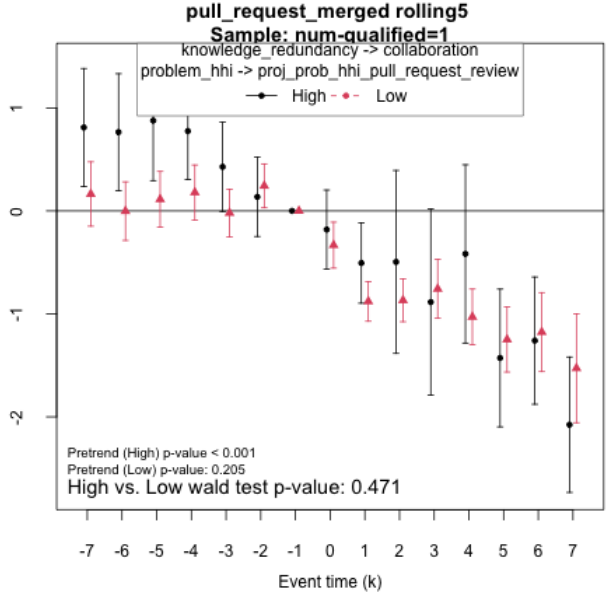

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value: 0.547
Pretrend (Low) p-value: 0.383
High vs. Low wald test p-value: 0.658
Event time (k)

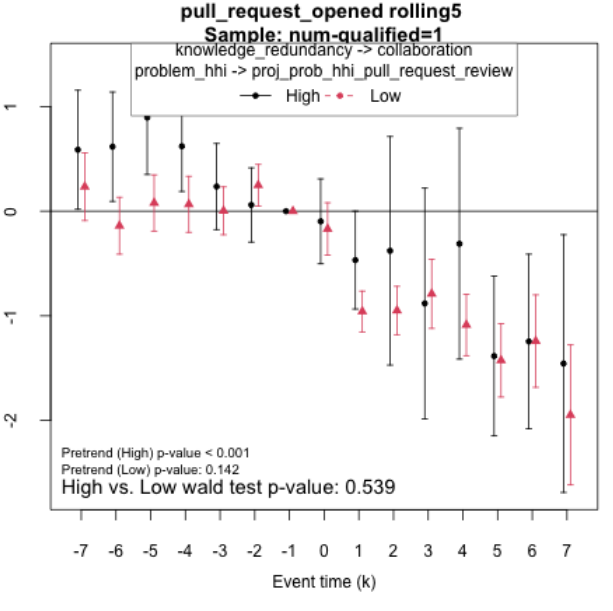

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.091
High vs. Low wald test p-value: 0.035
Event time (k)

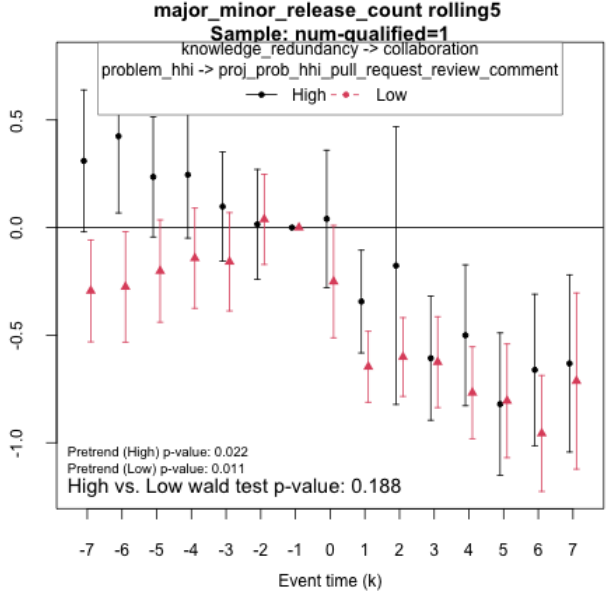

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.082
High vs. Low wald test p-value: 0.003
Event time (k)

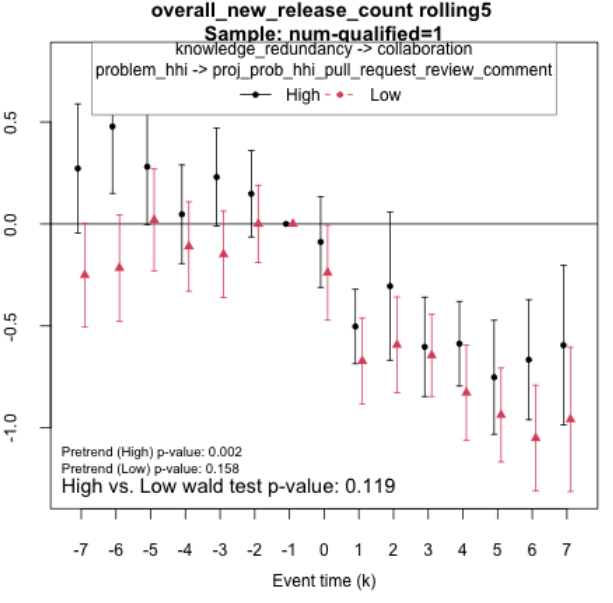

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.847
Pretrend (Low) p-value: 0.289
High vs. Low wald test p-value: 0.586
Event time (k)

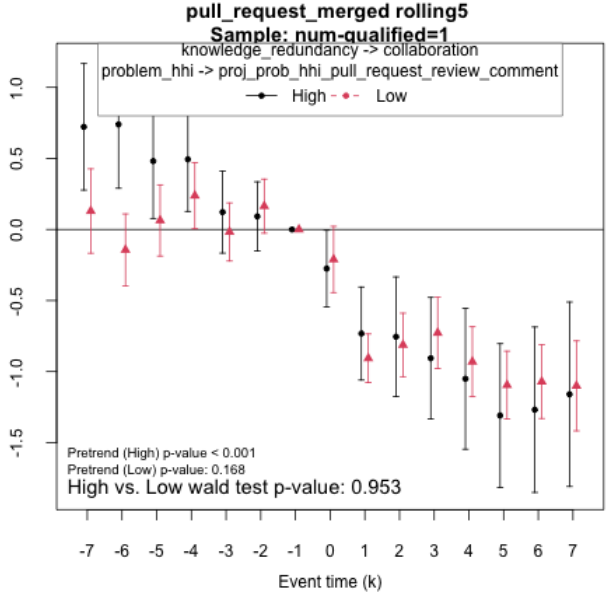

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value: 0.928
Pretrend (Low) p-value: 0.497
High vs. Low wald test p-value: 0.615
Event time (k)

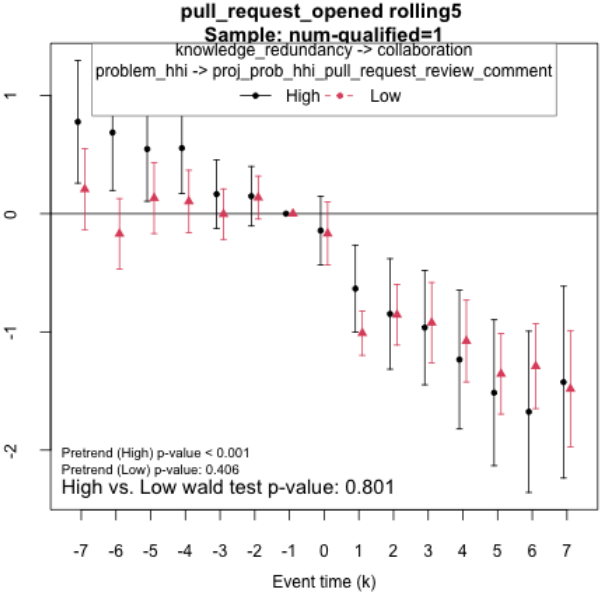

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.205
High vs. Low wald test p-value: 0.471
Event time (k)

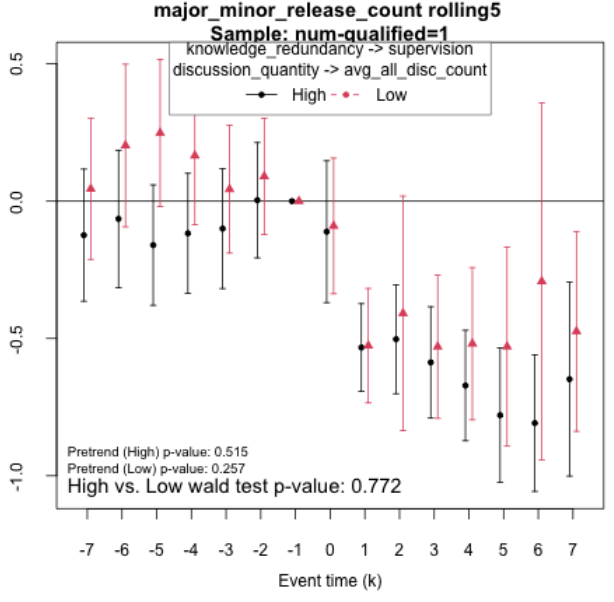

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.142
High vs. Low wald test p-value: 0.539
Event time (k)

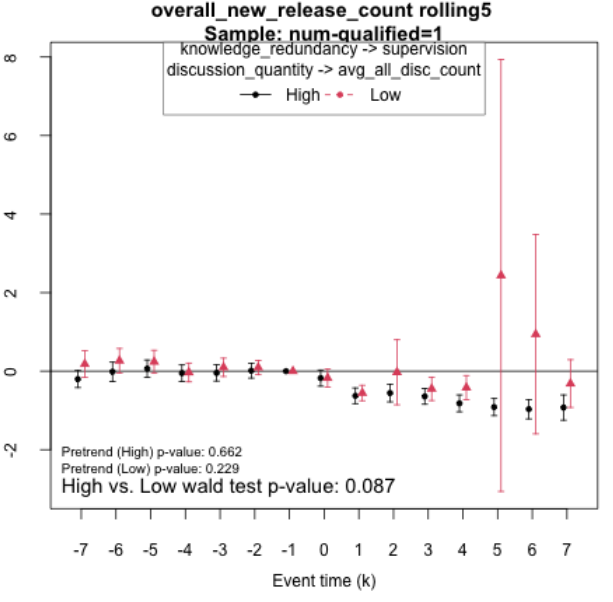

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.022
Pretrend (Low) p-value: 0.011
High vs. Low wald test p-value: 0.188
Event time (k)

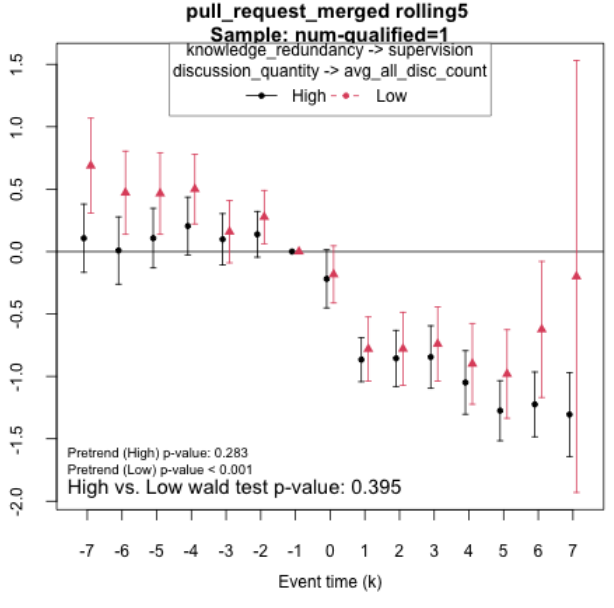

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value: 0.158
High vs. Low wald test p-value: 0.119
Event time (k)

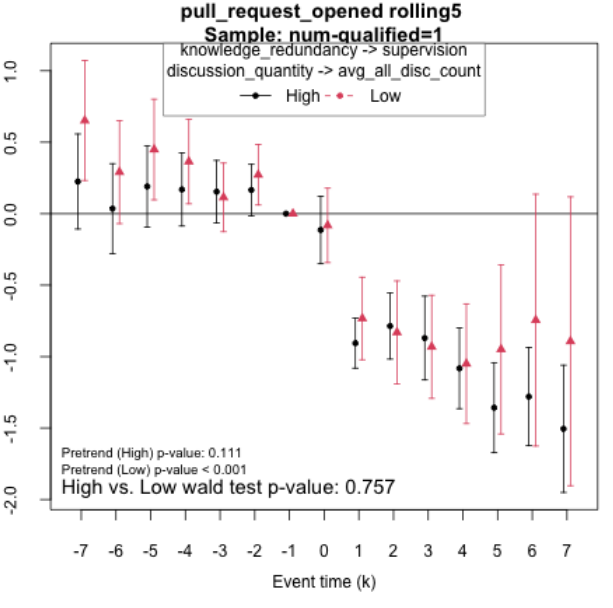

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.168
High vs. Low wald test p-value: 0.953
Event time (k)

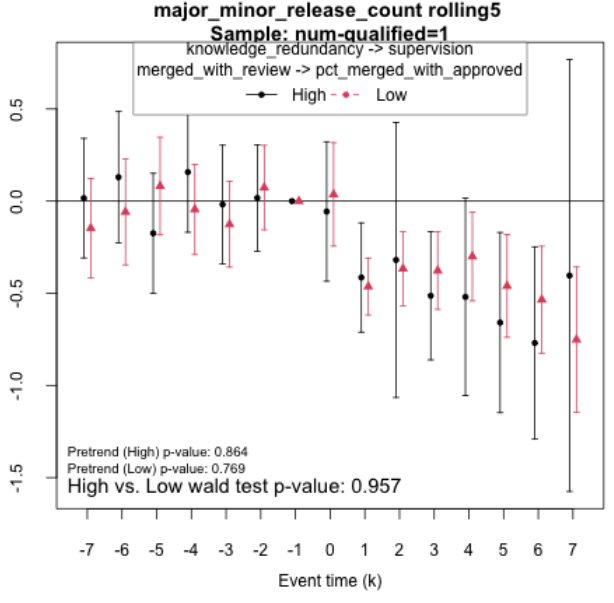

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> collaboration
problem_hhi -> proj_prob_hhi_pull_request_review_comment
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.406
High vs. Low wald test p-value: 0.801
Event time (k)

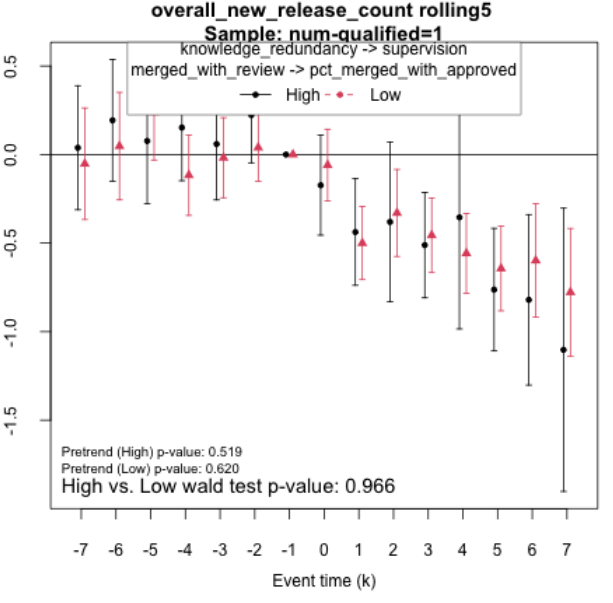

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.515
Pretrend (Low) p-value: 0.257
High vs. Low wald test p-value: 0.772
Event time (k)

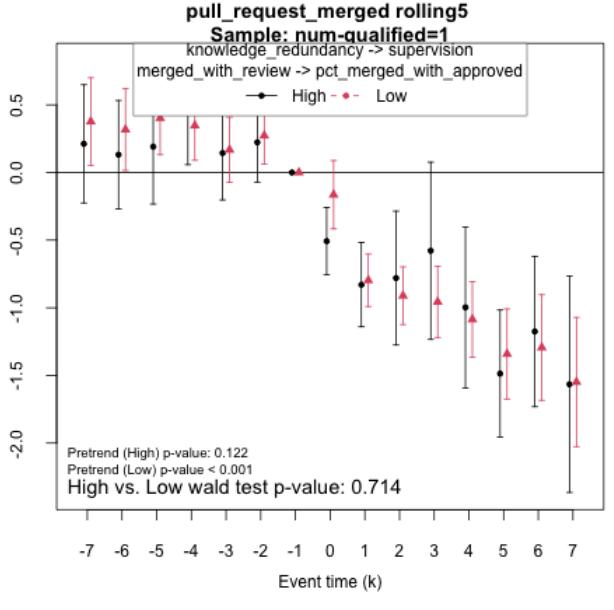

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.662
Pretrend (Low) p-value: 0.229
High vs. Low wald test p-value: 0.087
Event time (k)

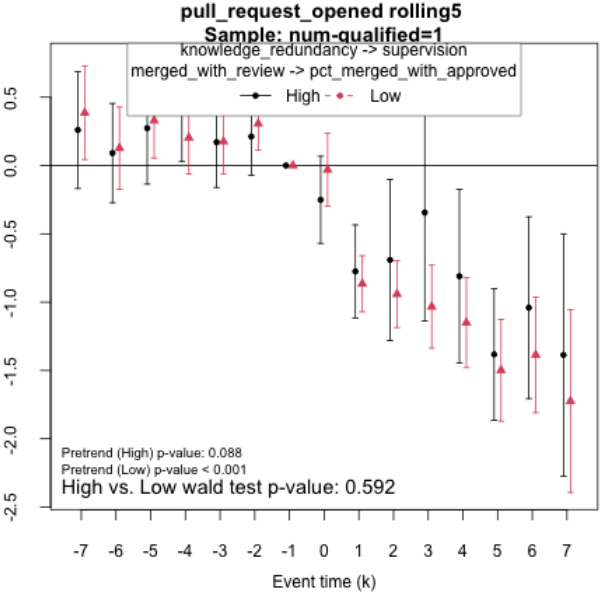

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.283
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.395
Event time (k)

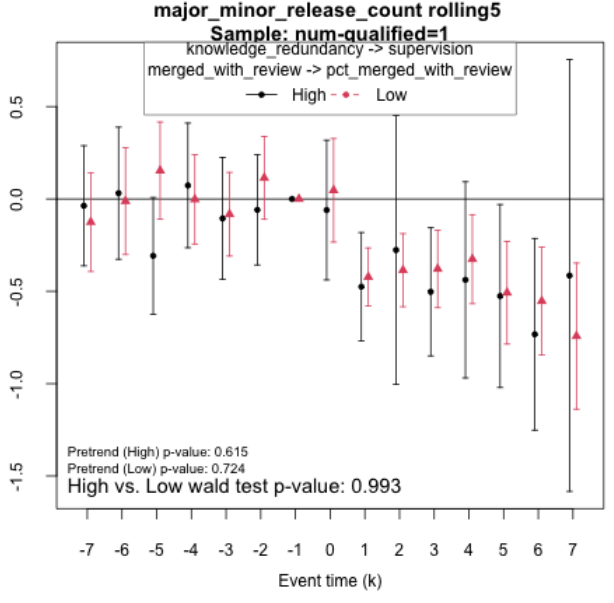

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
discussion_quantity -> avg_all_disc_count
High
Low
Pretrend (High) p-value: 0.111
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.757
Event time (k)

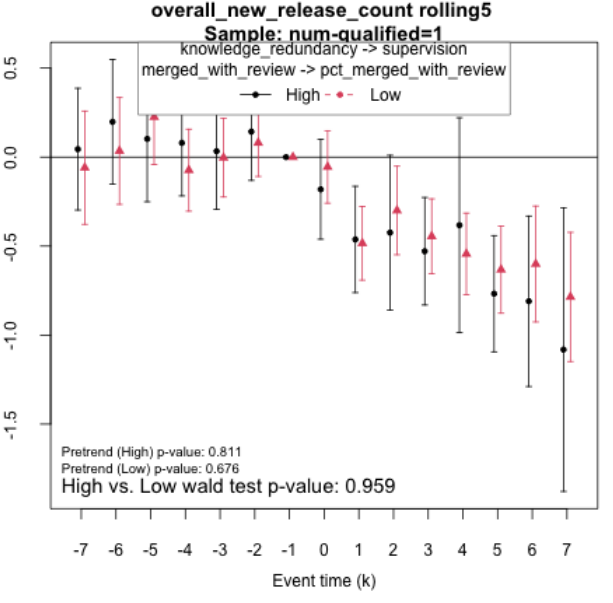

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.864
Pretrend (Low) p-value: 0.769
High vs. Low wald test p-value: 0.957
Event time (k)

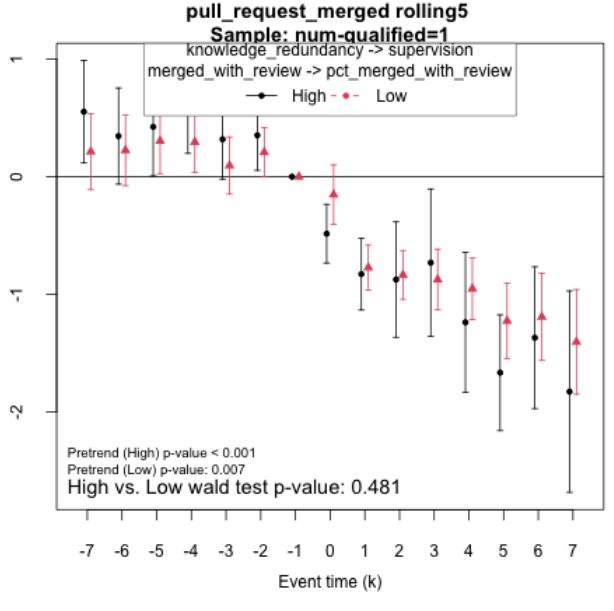

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.519
Pretrend (Low) p-value: 0.620
High vs. Low wald test p-value: 0.966
Event time (k)

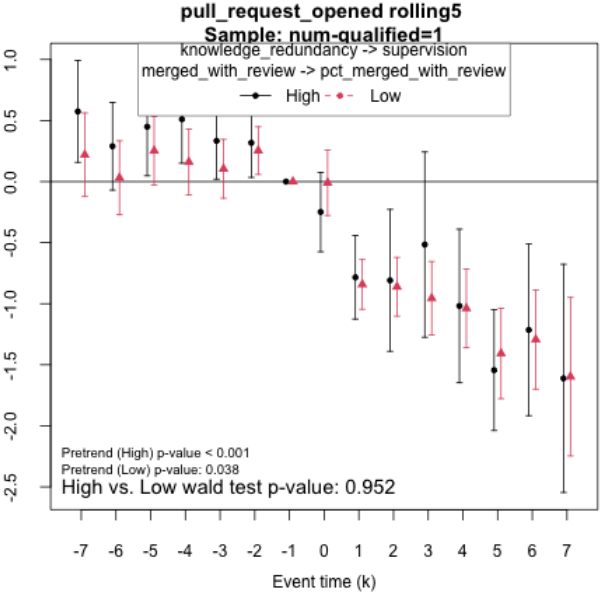

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.122
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.714
Event time (k)

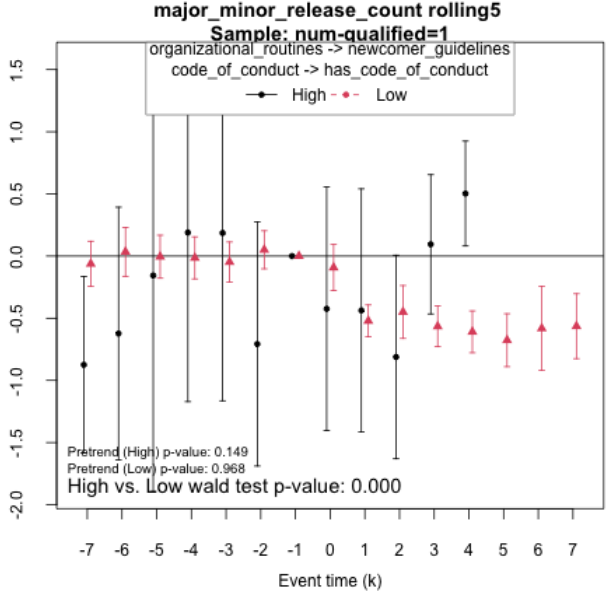

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_approved
High
Low
Pretrend (High) p-value: 0.088
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.592
Event time (k)

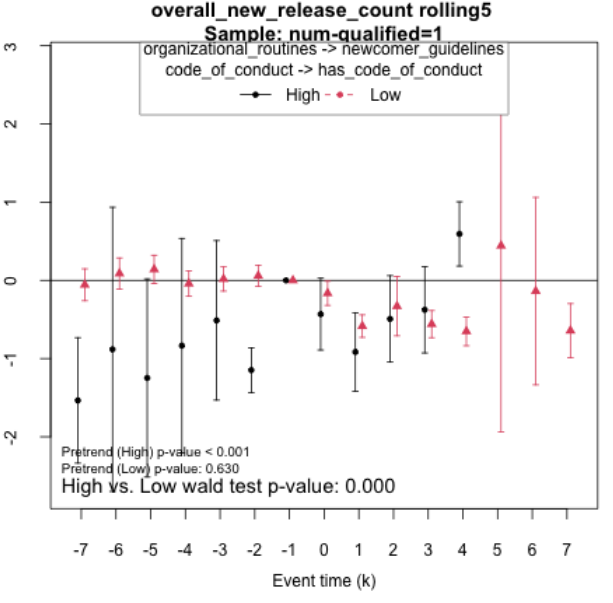

major_minor_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value: 0.615
Pretrend (Low) p-value: 0.724
High vs. Low wald test p-value: 0.993
Event time (k)

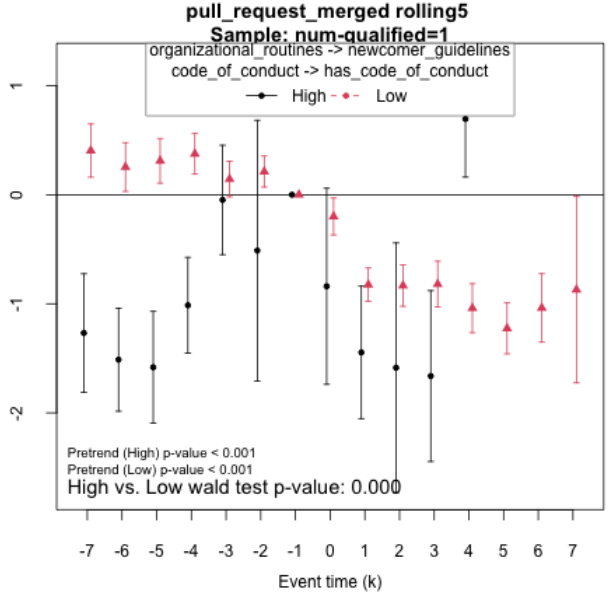

overall_new_release_count rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value: 0.811
Pretrend (Low) p-value: 0.676
High vs. Low wald test p-value: 0.959
Event time (k)

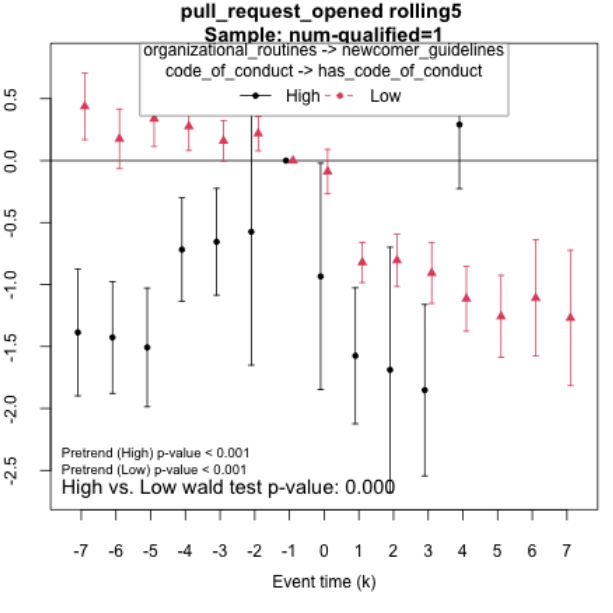

pull_request_merged rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.007
High vs. Low wald test p-value: 0.481
Event time (k)

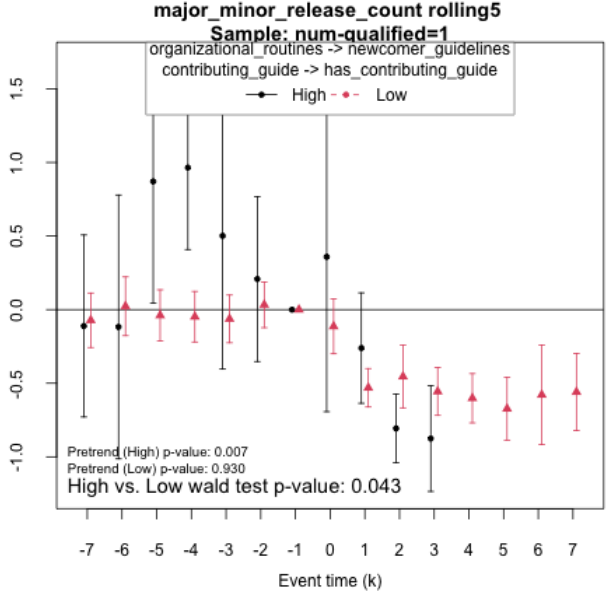

pull_request_opened rolling5
Sample: num-qualified=1
knowledge_redundancy -> supervision
merged_with_review -> pct_merged_with_review
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.038
High vs. Low wald test p-value: 0.952
Event time (k)

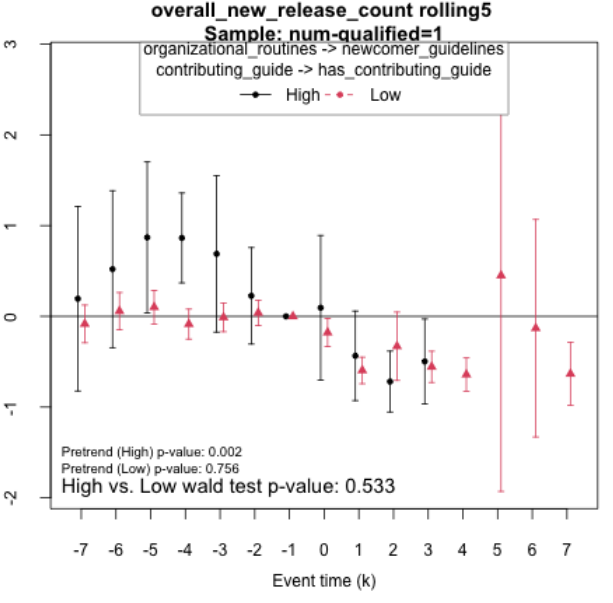

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value: 0.149
Pretrend (Low) p-value: 0.968
High vs. Low wald test p-value: 0.000
Event time (k)

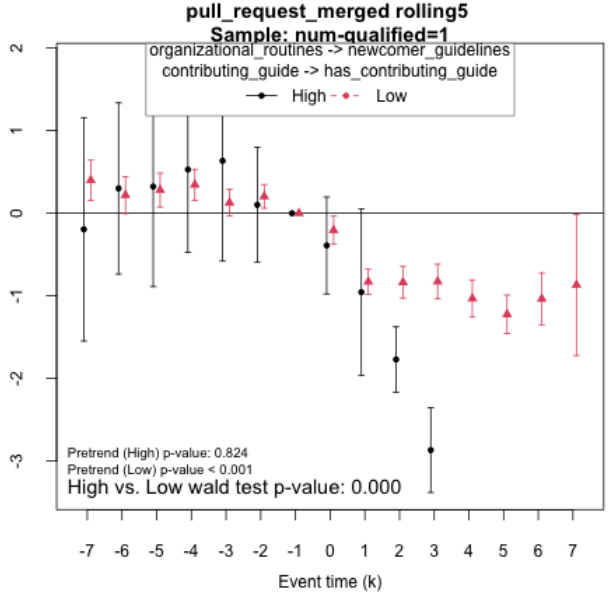

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.630
High vs. Low wald test p-value: 0.000
Event time (k)

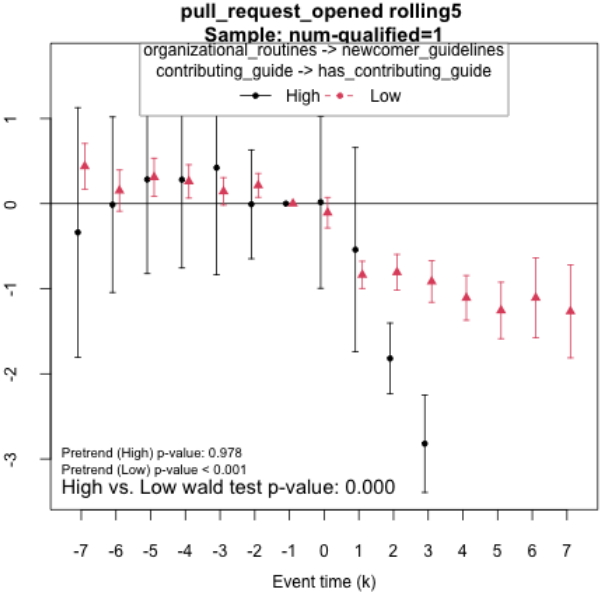

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

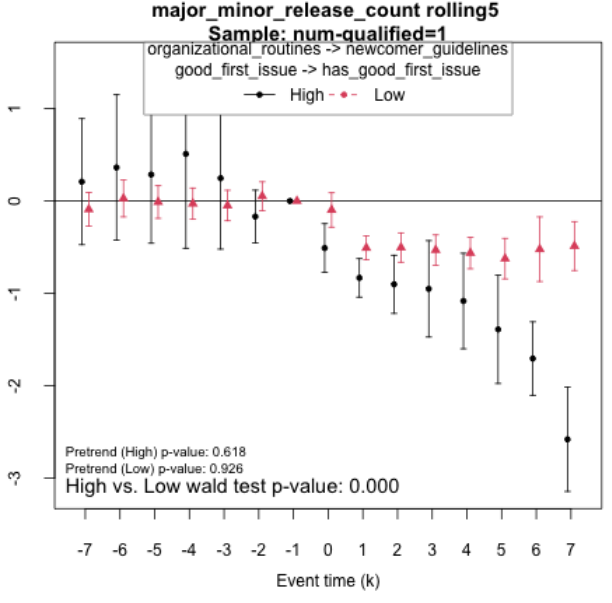

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
code_of_conduct -> has_code_of_conduct
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

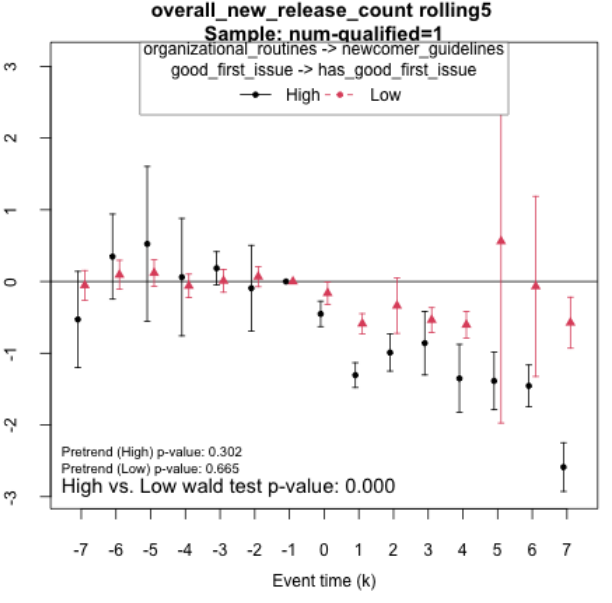

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.007
Pretrend (Low) p-value: 0.930
High vs. Low wald test p-value: 0.043
Event time (k)

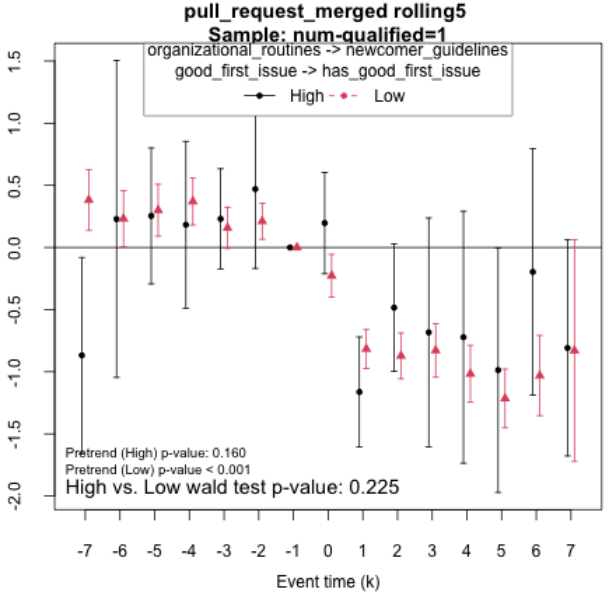

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.002
Pretrend (Low) p-value: 0.756
High vs. Low wald test p-value: 0.533
Event time (k)

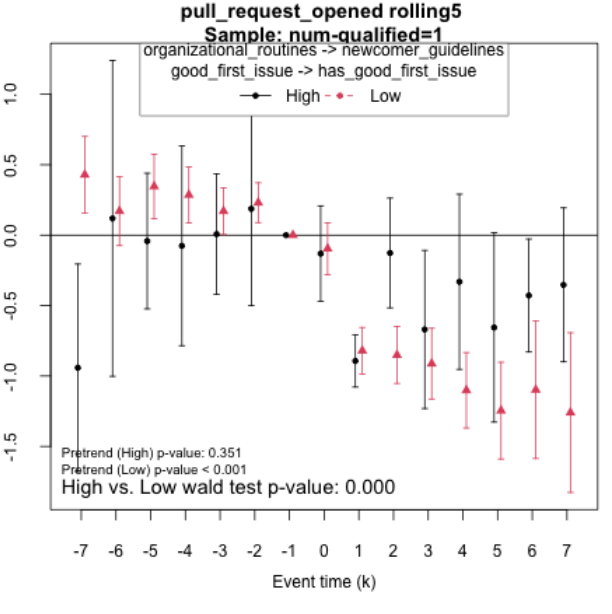

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.824
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

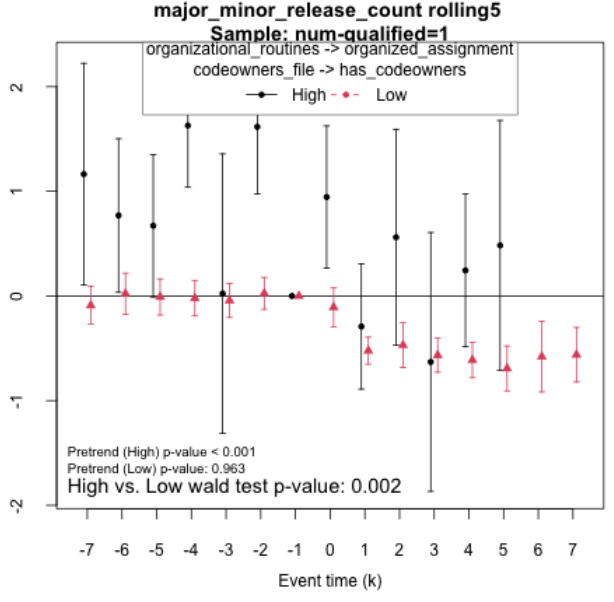

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
contributing_guide -> has_contributing_guide
High
Low
Pretrend (High) p-value: 0.978
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

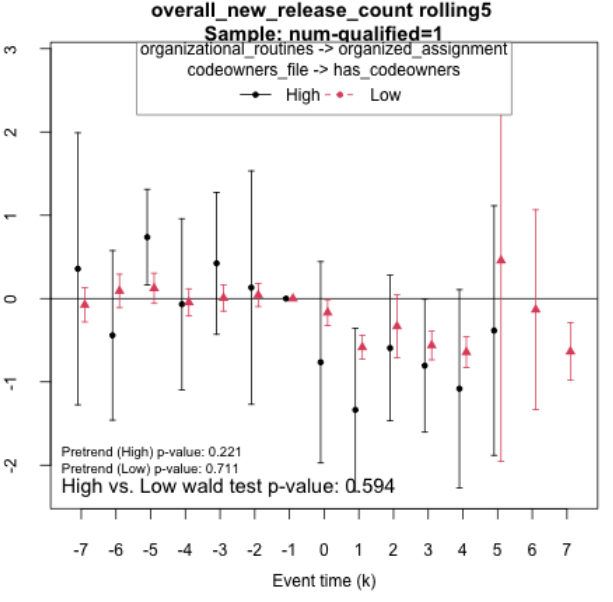

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.618
Pretrend (Low) p-value: 0.926
High vs. Low wald test p-value: 0.000
Event time (k)

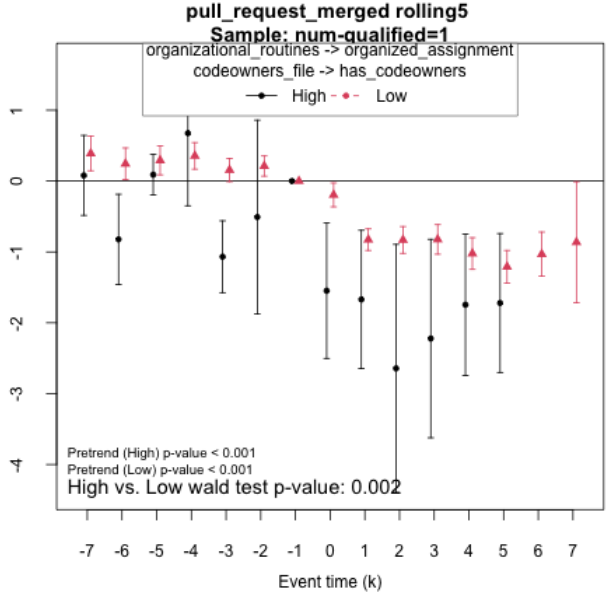

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.302
Pretrend (Low) p-value: 0.665
High vs. Low wald test p-value: 0.000
Event time (k)

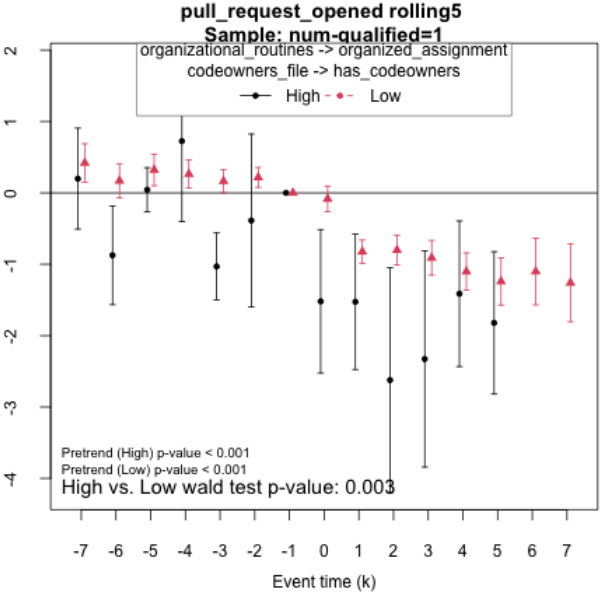

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.160
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.225
Event time (k)

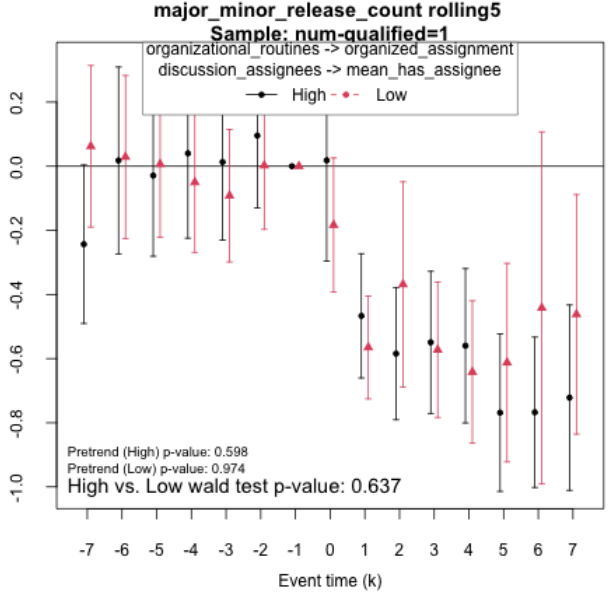

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> newcomer_guidelines
good_first_issue -> has_good_first_issue
High
Low
Pretrend (High) p-value: 0.351
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

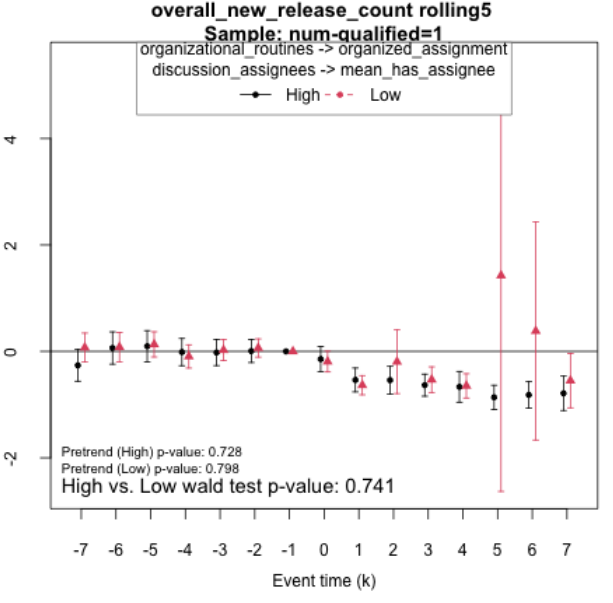

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.963
High vs. Low wald test p-value: 0.002
Event time (k)

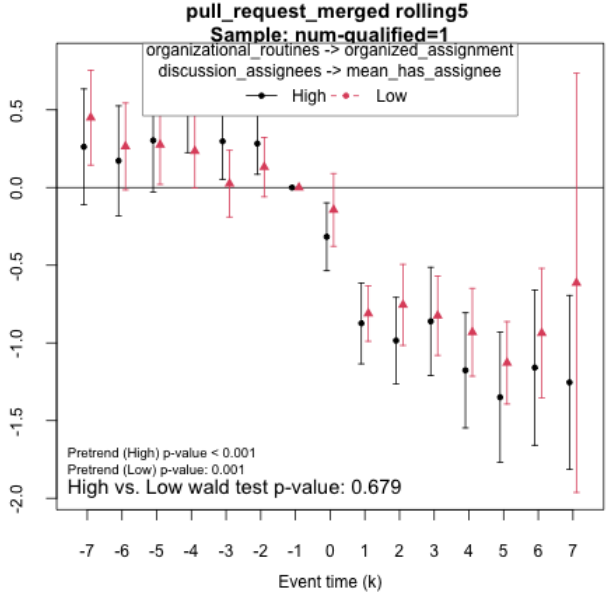

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value: 0.221
Pretrend (Low) p-value: 0.711
High vs. Low wald test p-value: 0.594
Event time (k)

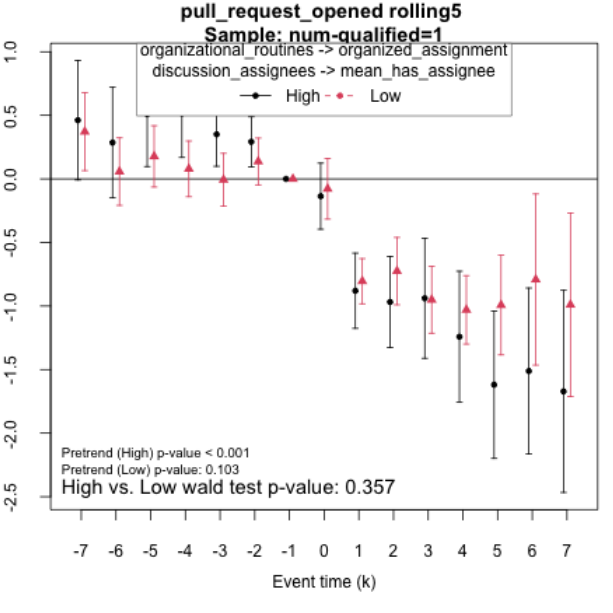

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.002
Event time (k)

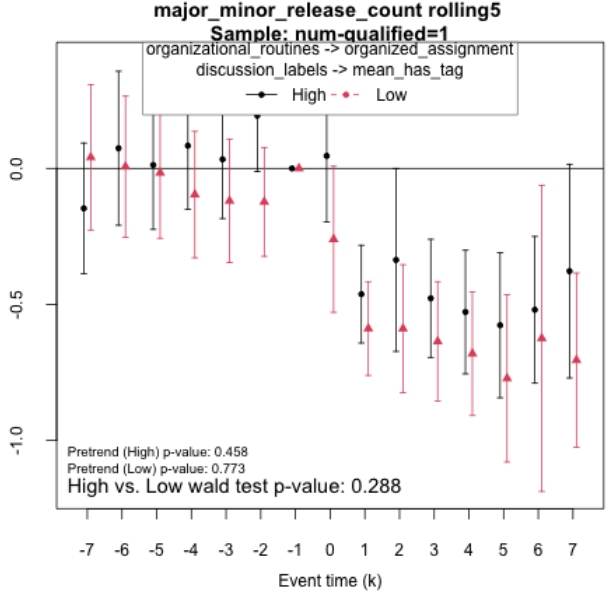

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
codeowners_file -> has_codeowners
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.003
Event time (k)

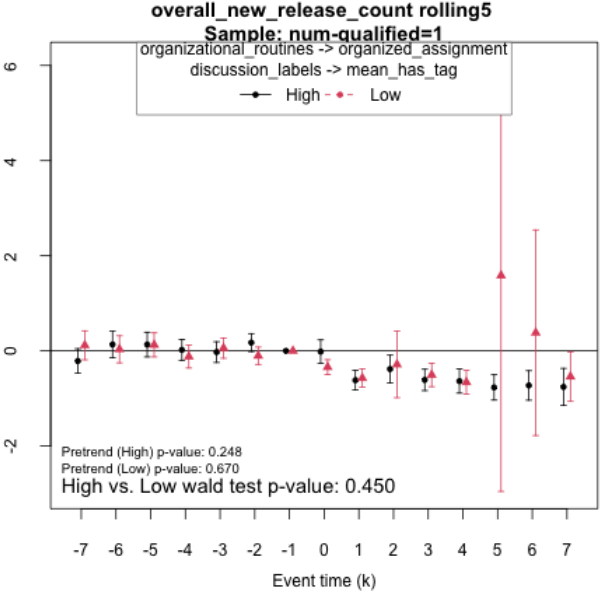

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.598
Pretrend (Low) p-value: 0.974
High vs. Low wald test p-value: 0.637
Event time (k)

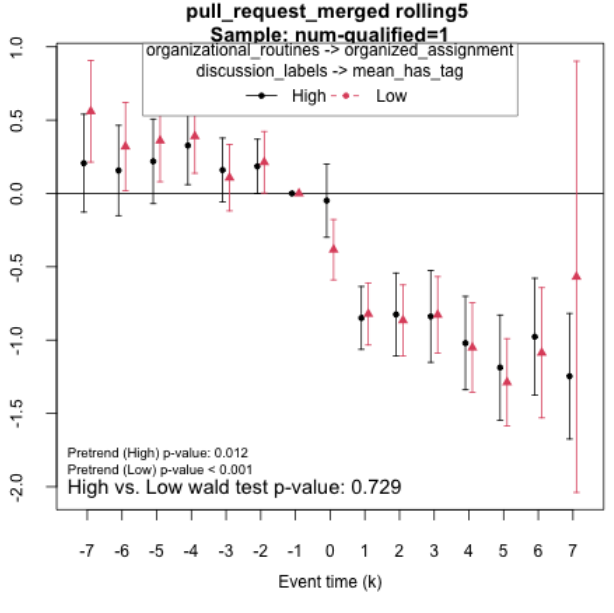

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value: 0.728
Pretrend (Low) p-value: 0.798
High vs. Low wald test p-value: 0.741
Event time (k)

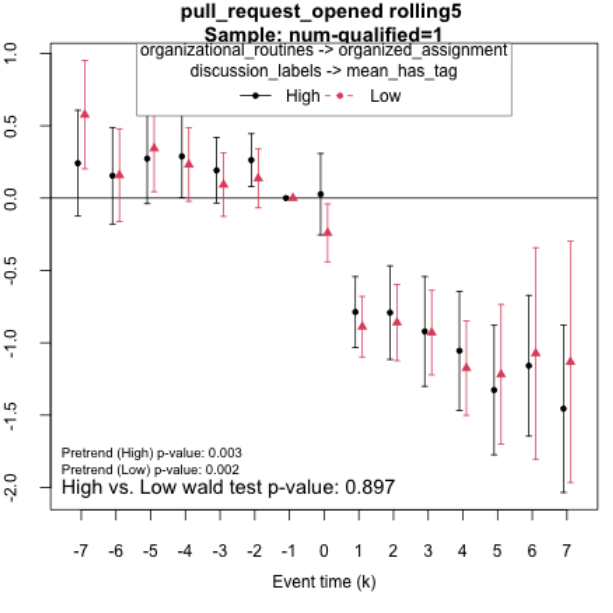

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.001
High vs. Low wald test p-value: 0.679
Event time (k)

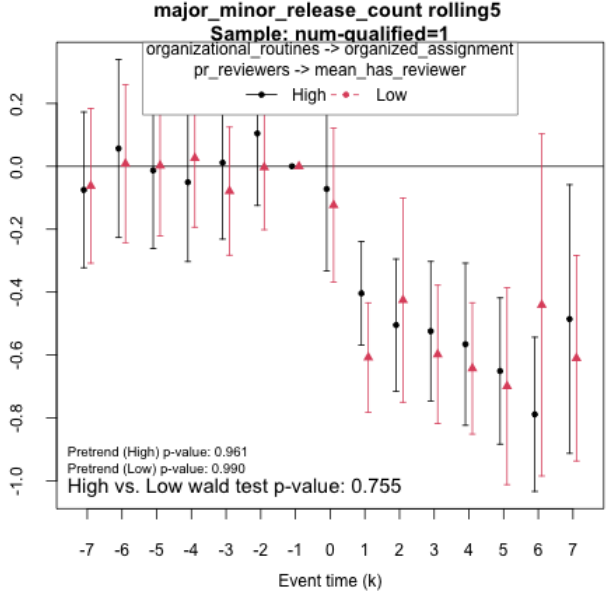

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_assignees -> mean_has_assignee
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.103
High vs. Low wald test p-value: 0.357
Event time (k)

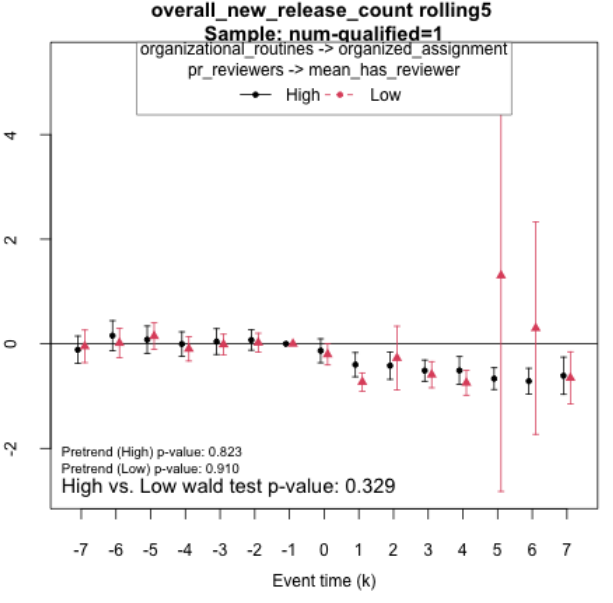

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.458
Pretrend (Low) p-value: 0.773
High vs. Low wald test p-value: 0.288
Event time (k)

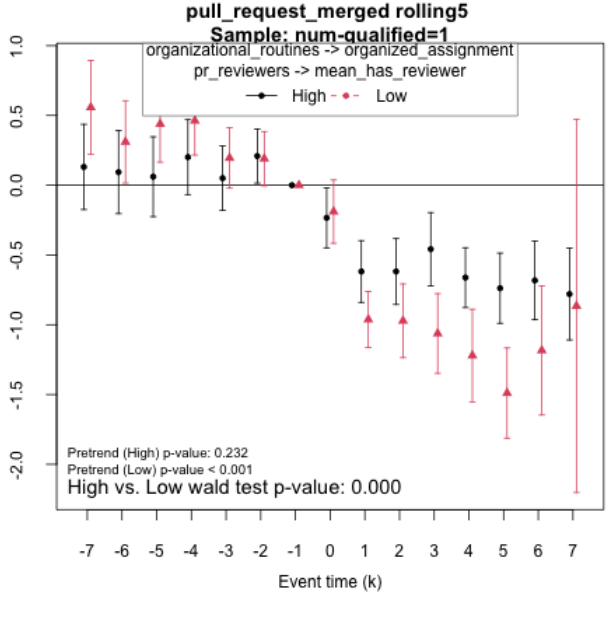

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.248
Pretrend (Low) p-value: 0.670
High vs. Low wald test p-value: 0.450
Event time (k)

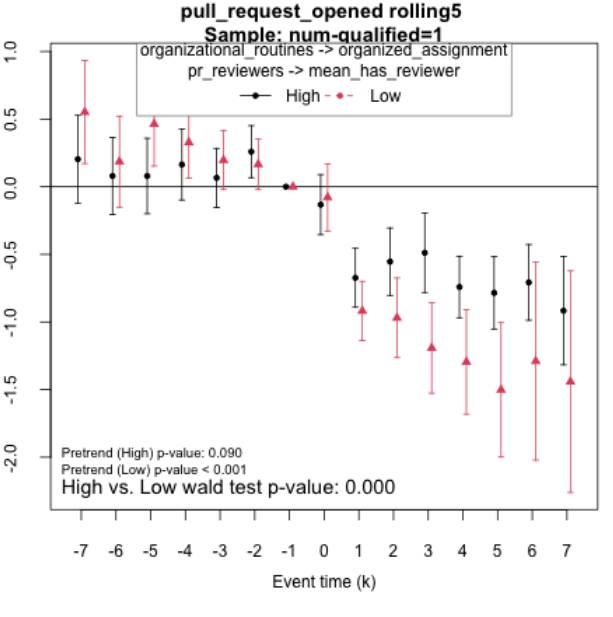

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.012
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.729
Event time (k)

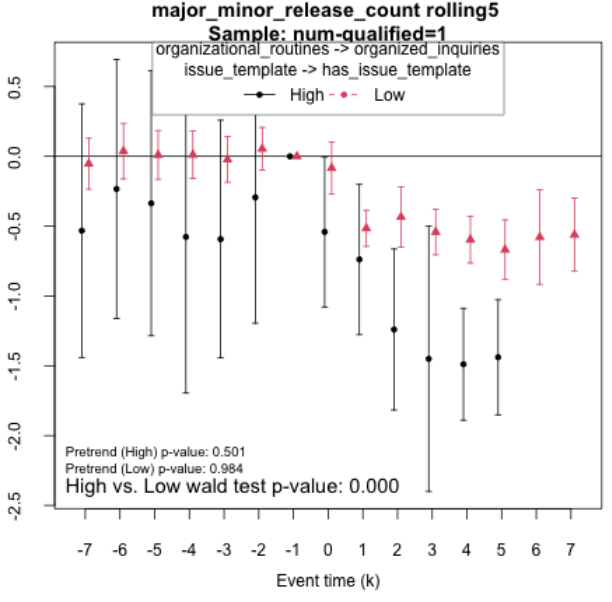

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
High
Low
Pretrend (High) p-value: 0.003
Pretrend (Low) p-value: 0.002
High vs. Low wald test p-value: 0.897
Event time (k)

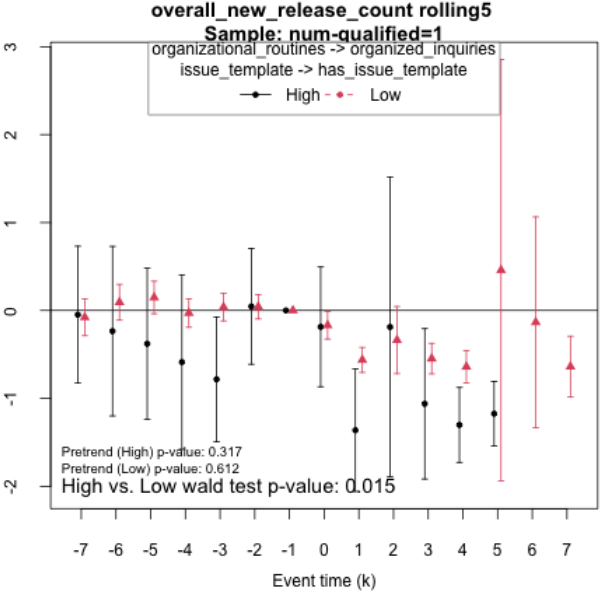

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.961
Pretrend (Low) p-value: 0.990
High vs. Low wald test p-value: 0.755
Event time (k)

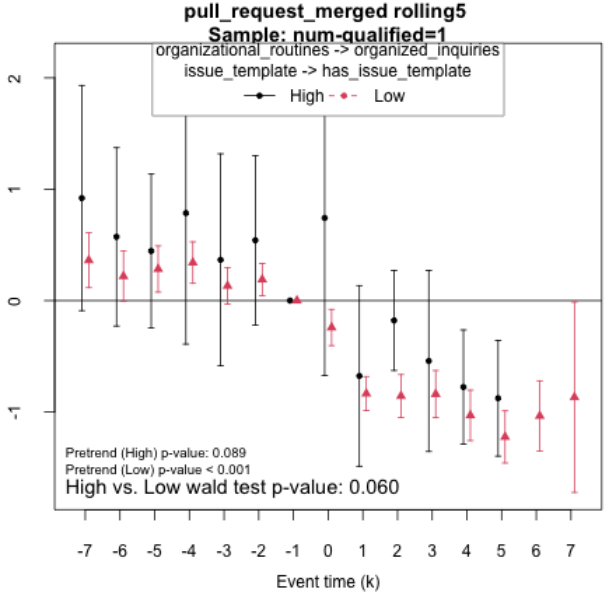

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.823
Pretrend (Low) p-value: 0.910
High vs. Low wald test p-value: 0.329
Event time (k)

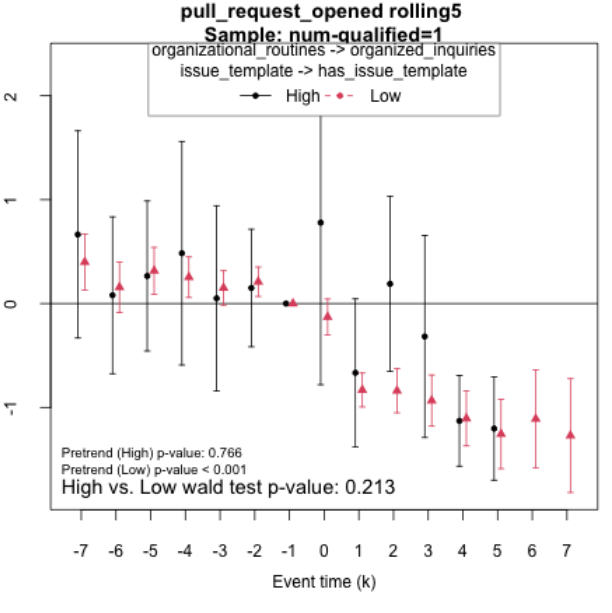

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.232
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

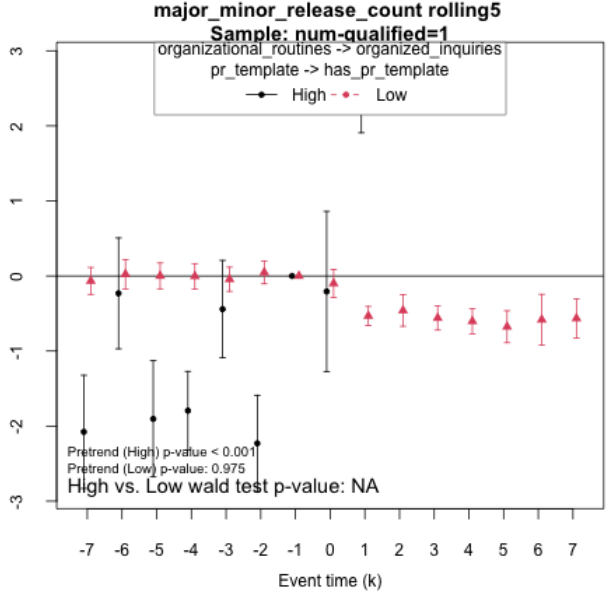

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_assignment
pr_reviewers -> mean_has_reviewer
High
Low
Pretrend (High) p-value: 0.090
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.000
Event time (k)

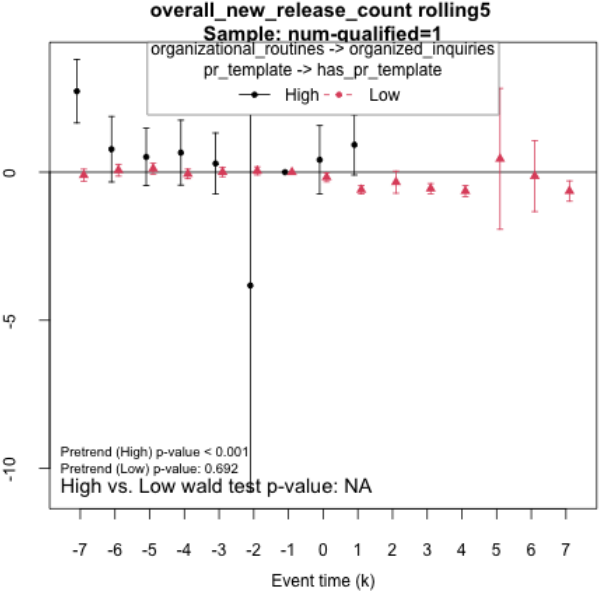

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.501
Pretrend (Low) p-value: 0.984
High vs. Low wald test p-value: 0.000
Event time (k)

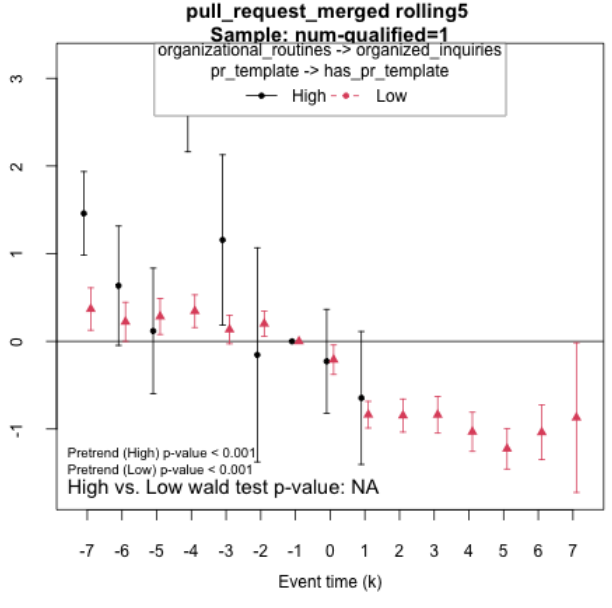

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.317
Pretrend (Low) p-value: 0.612
High vs. Low wald test p-value: 0.015
Event time (k)

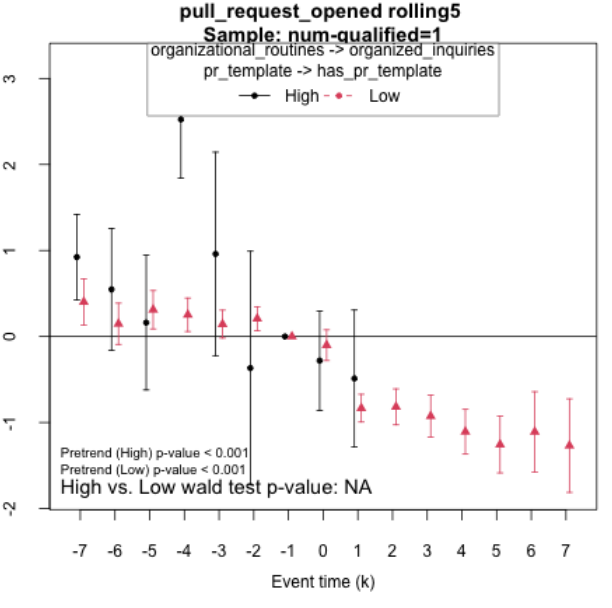

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.089
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.060
Event time (k)

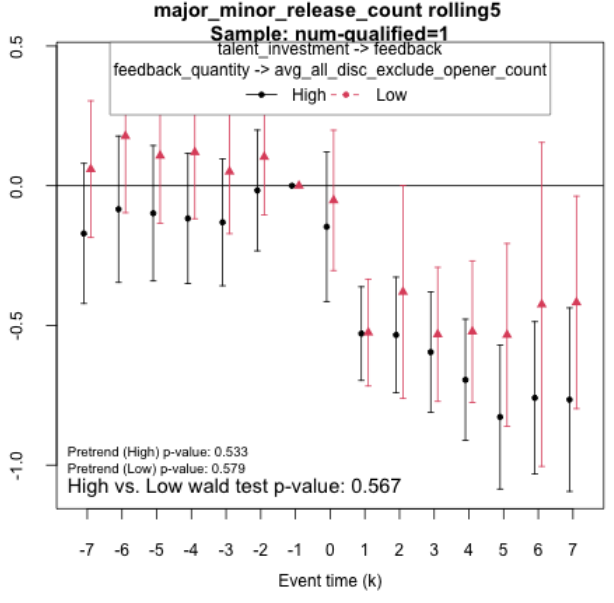

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
issue_template -> has_issue_template
High
Low
Pretrend (High) p-value: 0.766
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.213
Event time (k)

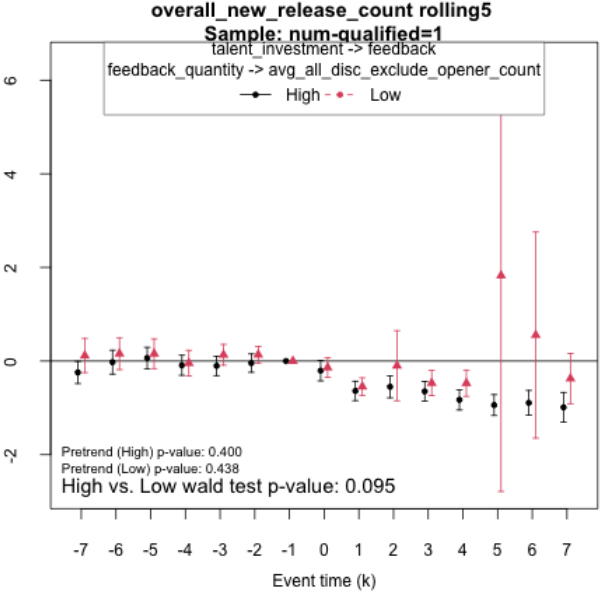

major_minor_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.975
High vs. Low wald test p-value: NA
Event time (k)

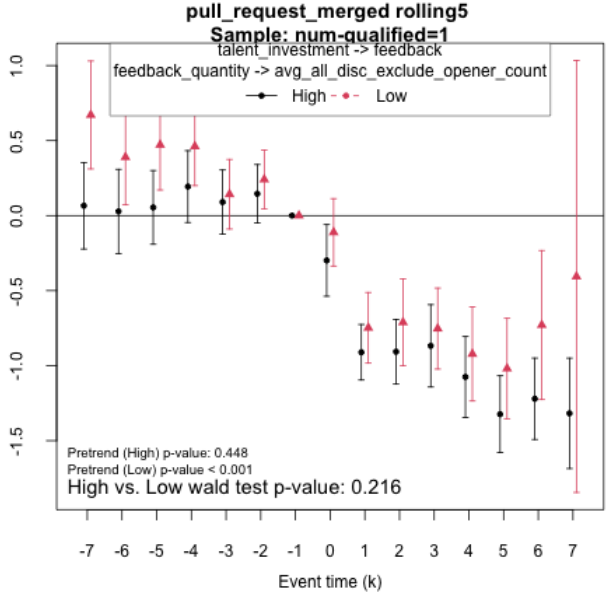

overall_new_release_count rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.692
High vs. Low wald test p-value: NA
Event time (k)

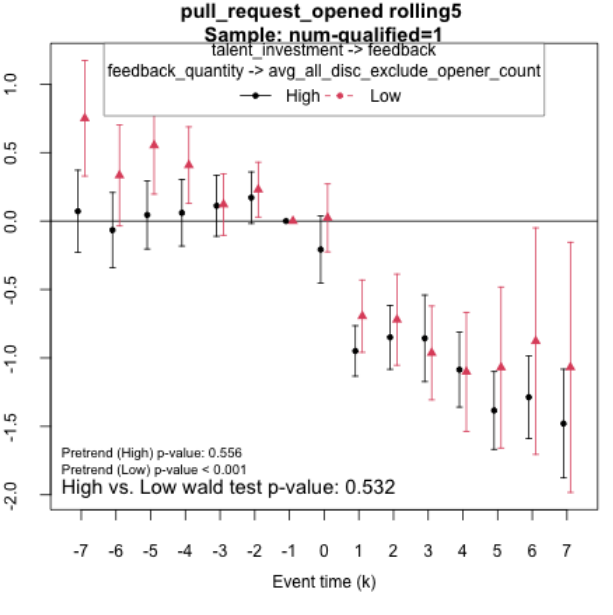

pull_request_merged rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: NA
Event time (k)

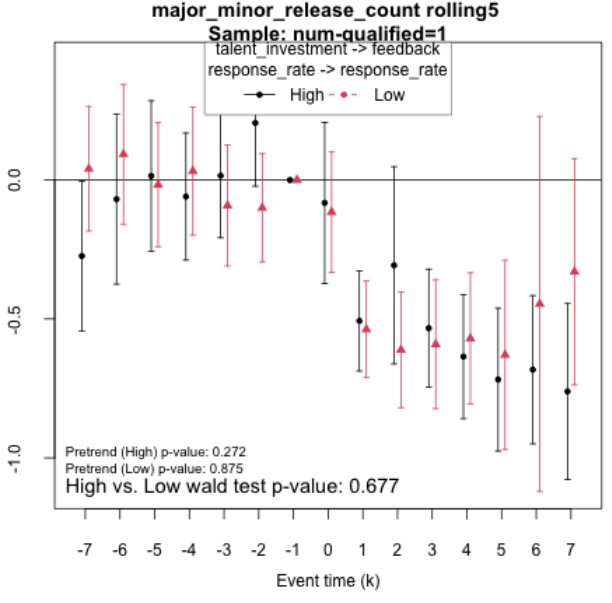

pull_request_opened rolling5
Sample: num-qualified=1
organizational_routines -> organized_inquiries
pr_template -> has_pr_template
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: NA
Event time (k)

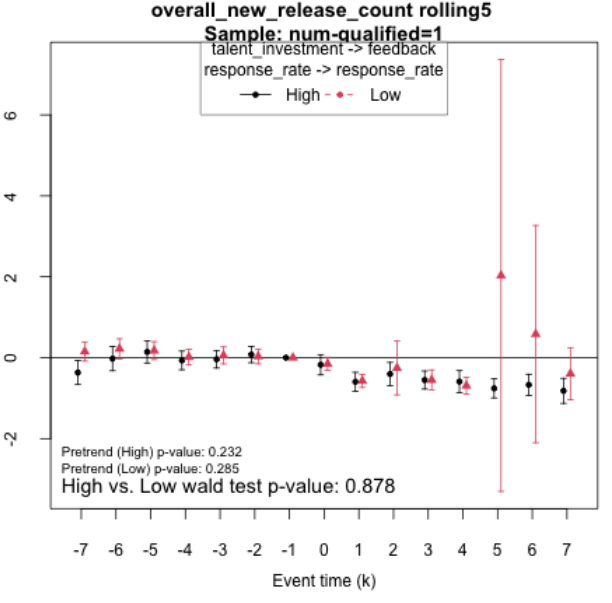

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.533
Pretrend (Low) p-value: 0.579
High vs. Low wald test p-value: 0.567
Event time (k)

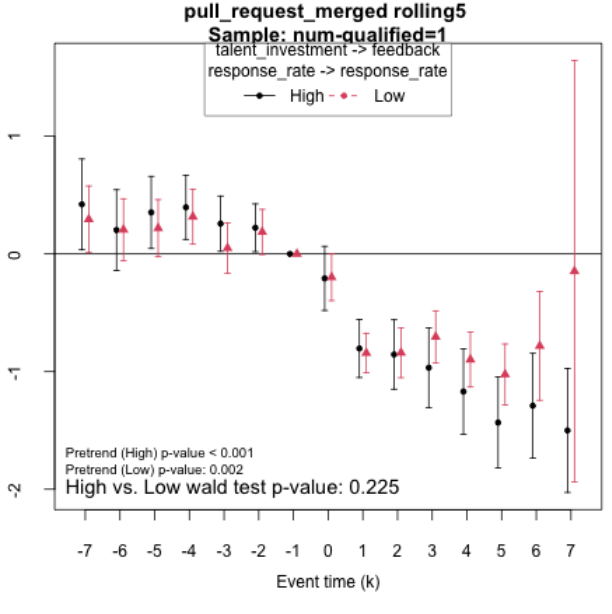

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.400
Pretrend (Low) p-value: 0.438
High vs. Low wald test p-value: 0.095
Event time (k)

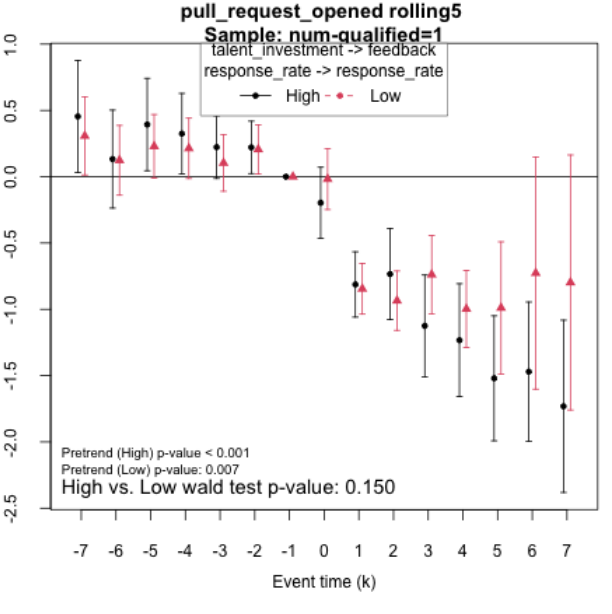

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.448
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.216
Event time (k)

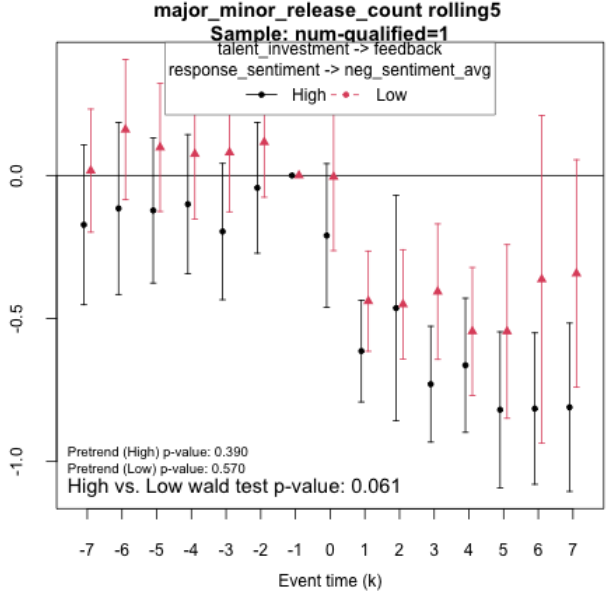

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
feedback_quantity -> avg_all_disc_exclude_opener_count
High
Low
Pretrend (High) p-value: 0.556
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.532
Event time (k)

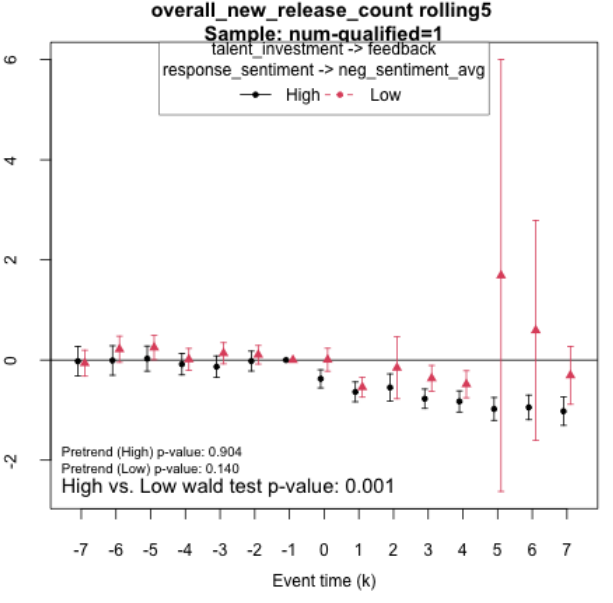

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value: 0.272
Pretrend (Low) p-value: 0.875
High vs. Low wald test p-value: 0.677
Event time (k)

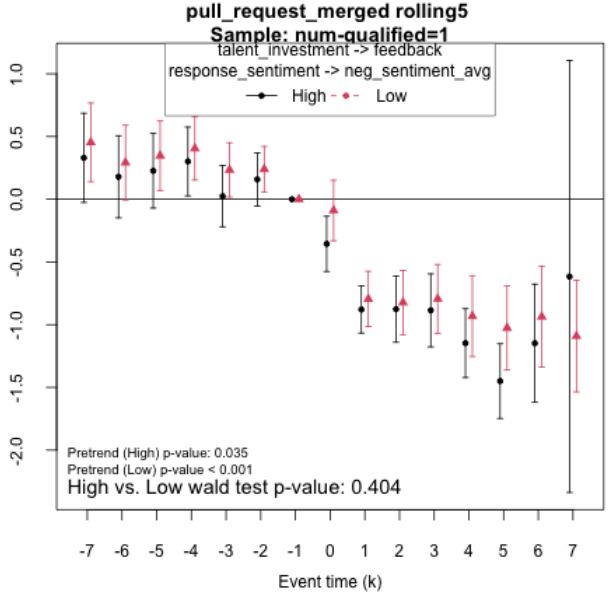

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value: 0.232
Pretrend (Low) p-value: 0.285
High vs. Low wald test p-value: 0.878
Event time (k)

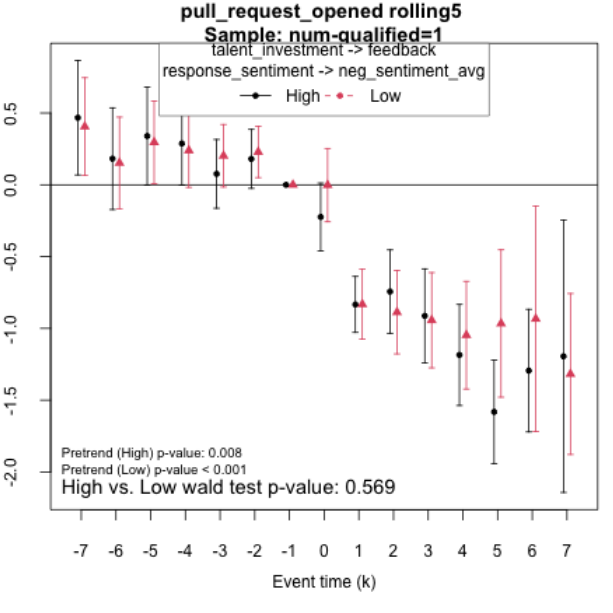

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.002
High vs. Low wald test p-value: 0.225
Event time (k)

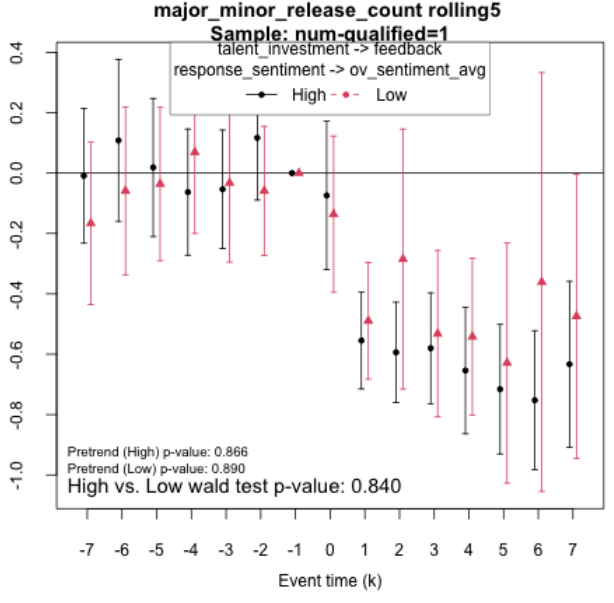

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_rate -> response_rate
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.007
High vs. Low wald test p-value: 0.150
Event time (k)

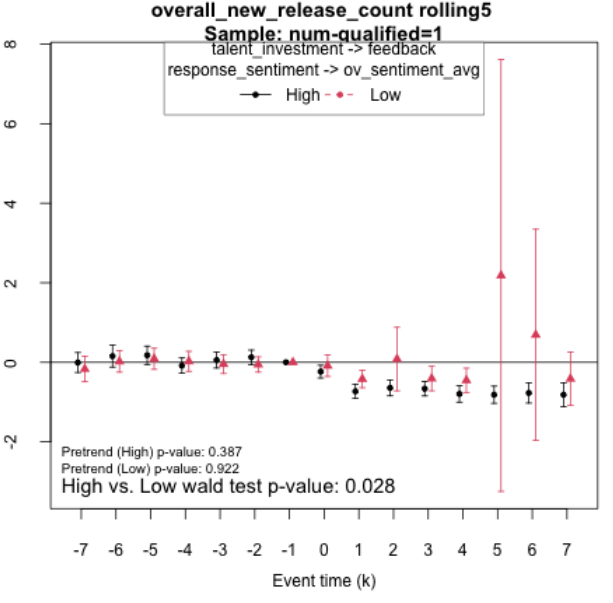

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.390
Pretrend (Low) p-value: 0.570
High vs. Low wald test p-value: 0.061
Event time (k)

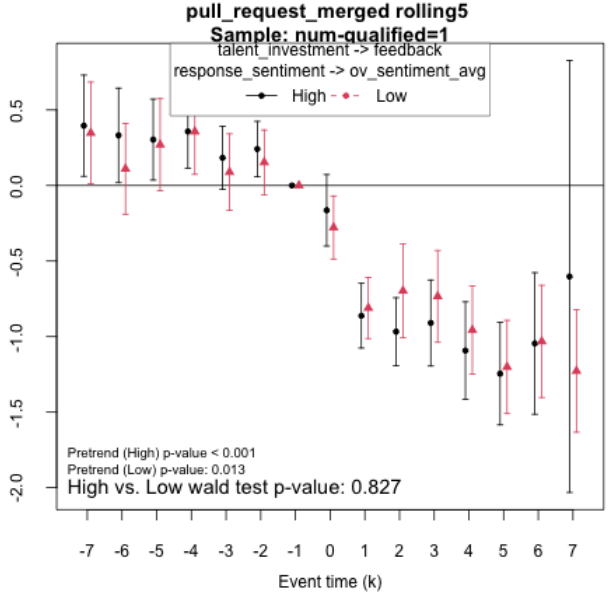

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.904
Pretrend (Low) p-value: 0.140
High vs. Low wald test p-value: 0.001
Event time (k)

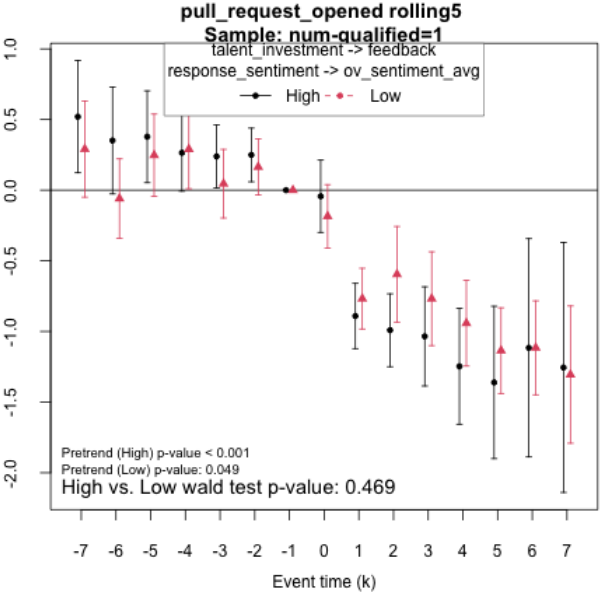

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.035
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.404
Event time (k)

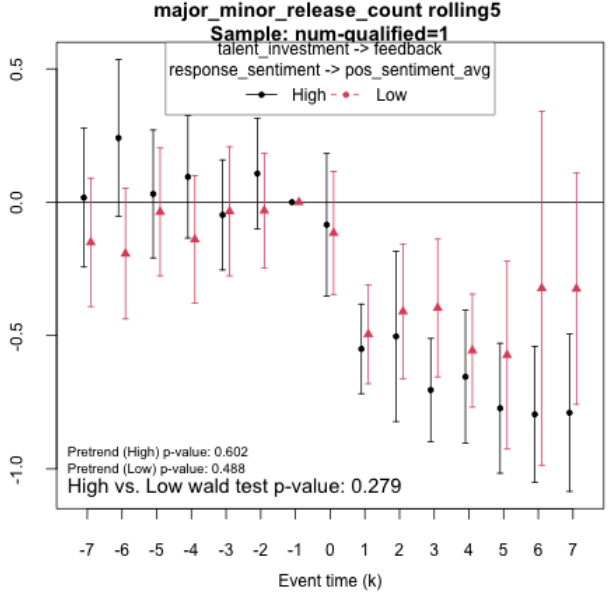

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> neg_sentiment_avg
High
Low
Pretrend (High) p-value: 0.008
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.569
Event time (k)

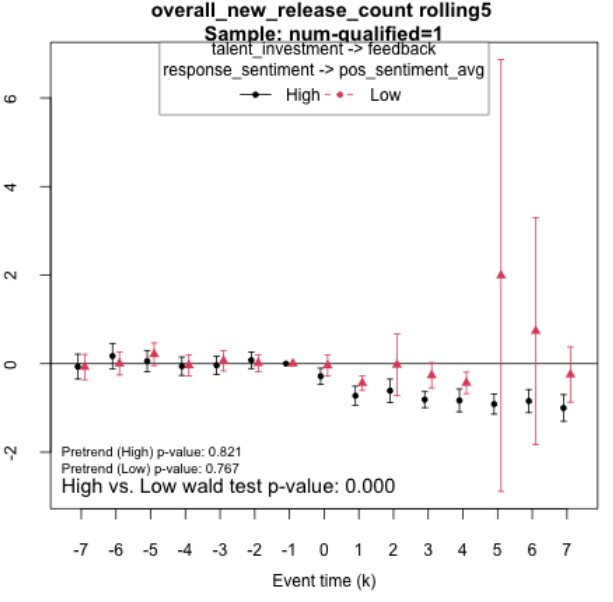

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value: 0.866
Pretrend (Low) p-value: 0.890
High vs. Low wald test p-value: 0.840
Event time (k)

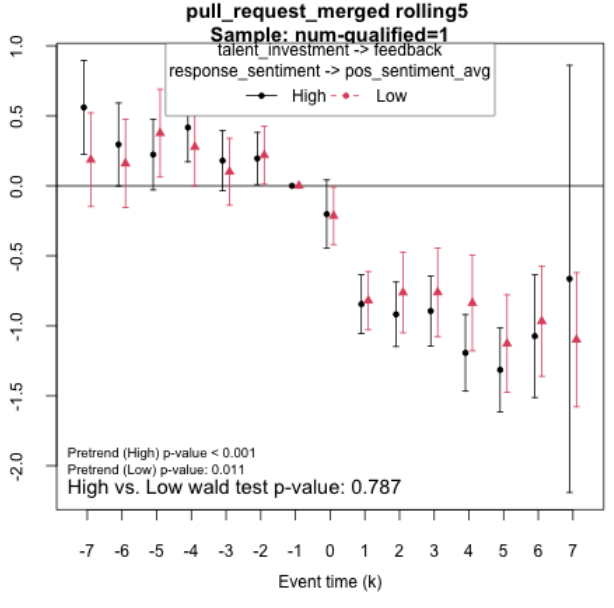

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value: 0.387
Pretrend (Low) p-value: 0.922
High vs. Low wald test p-value: 0.028
Event time (k)

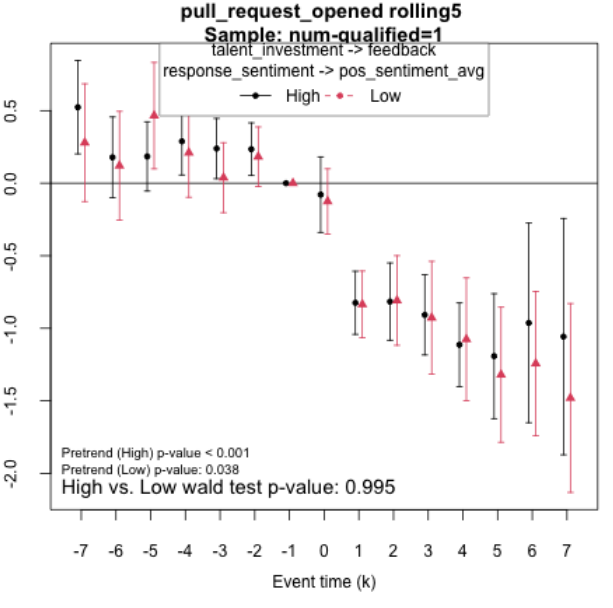

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.013
High vs. Low wald test p-value: 0.827
Event time (k)

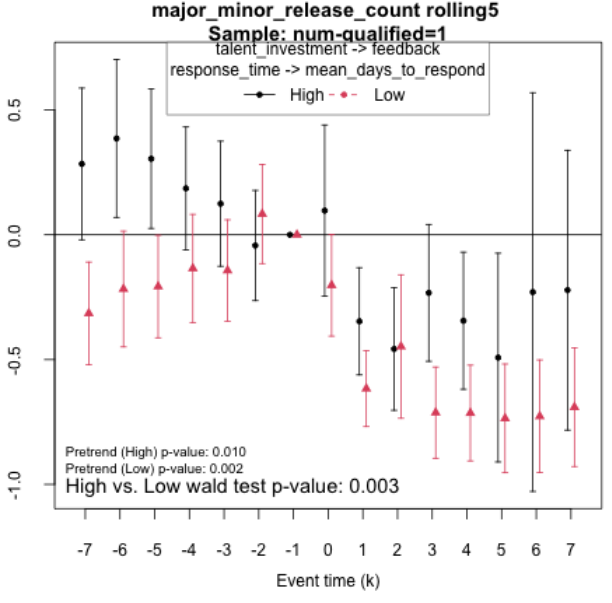

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> ov_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.049
High vs. Low wald test p-value: 0.469
Event time (k)

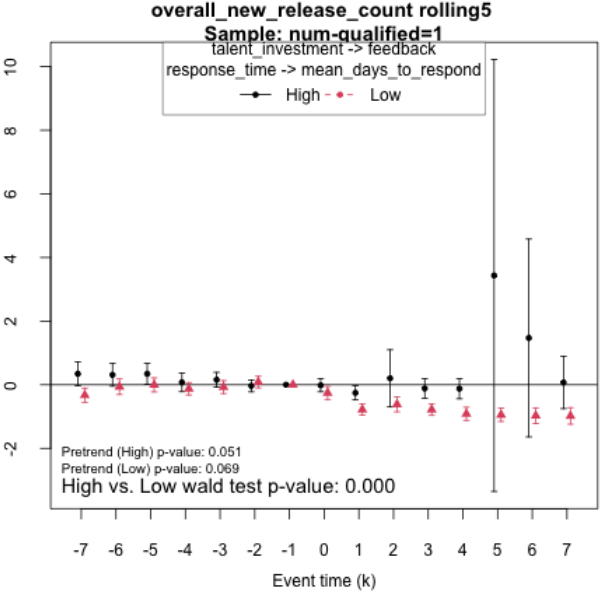

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value: 0.602
Pretrend (Low) p-value: 0.488
High vs. Low wald test p-value: 0.279
Event time (k)

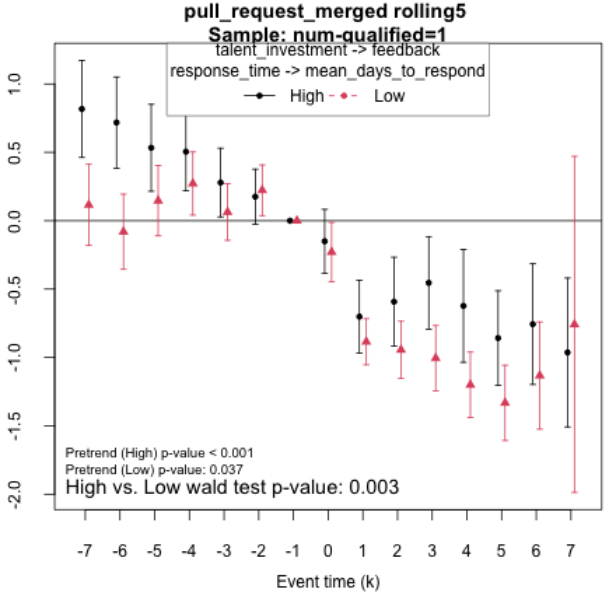

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value: 0.821
Pretrend (Low) p-value: 0.767
High vs. Low wald test p-value: 0.000
Event time (k)

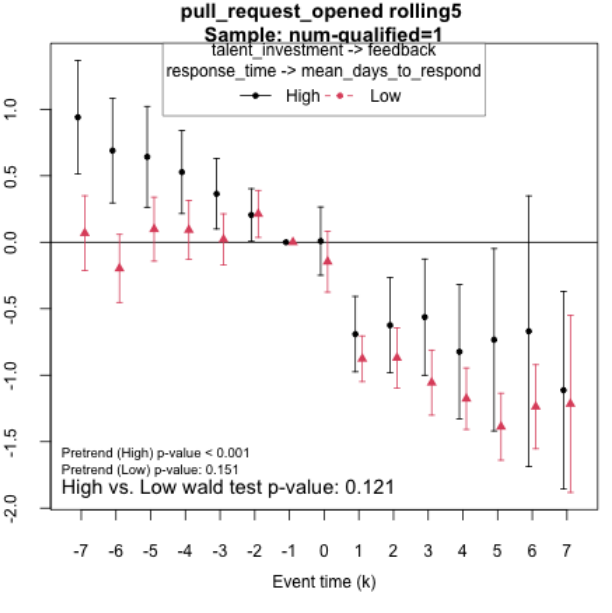

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.011
High vs. Low wald test p-value: 0.787
Event time (k)

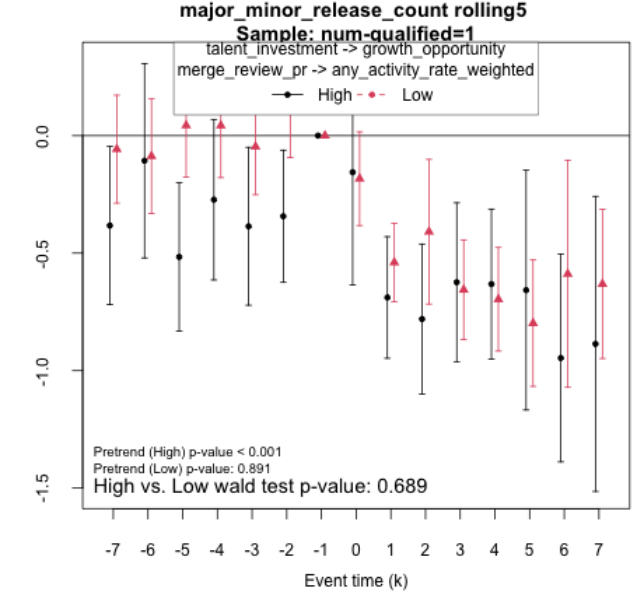

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_sentiment -> pos_sentiment_avg
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.038
High vs. Low wald test p-value: 0.995
Event time (k)

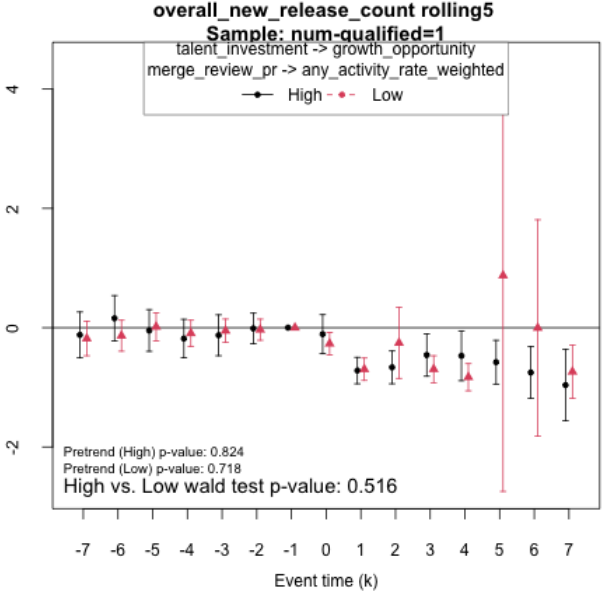

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.010
Pretrend (Low) p-value: 0.002
High vs. Low wald test p-value: 0.003
Event time (k)

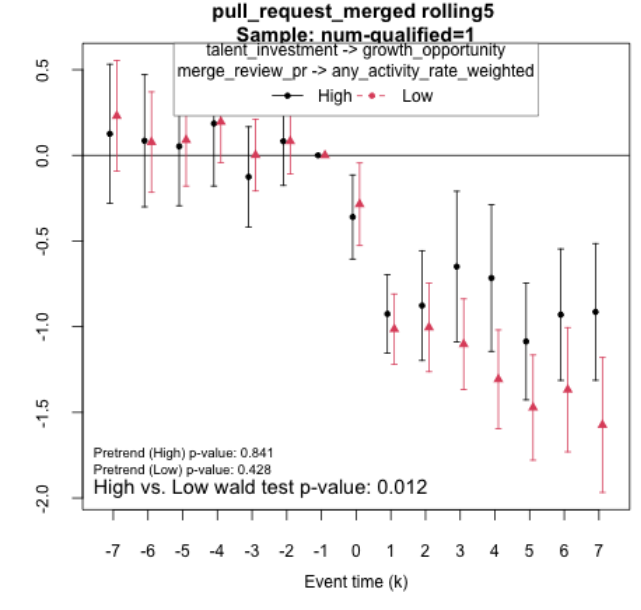

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value: 0.051
Pretrend (Low) p-value: 0.069
High vs. Low wald test p-value: 0.000
Event time (k)

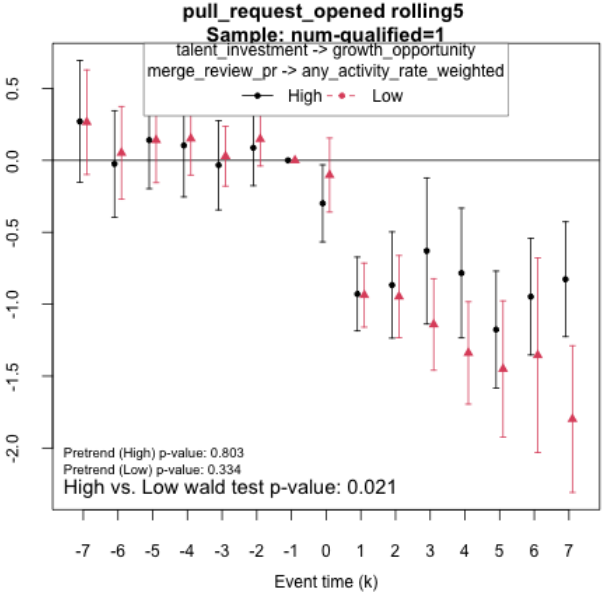

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.037
High vs. Low wald test p-value: 0.003
Event time (k)

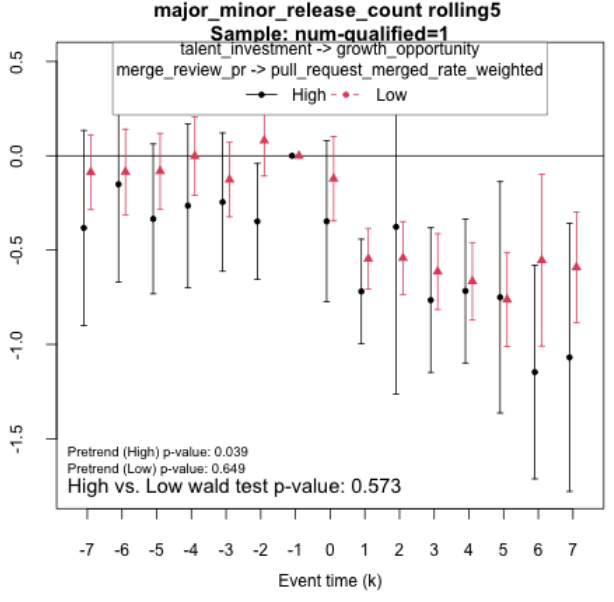

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> feedback
response_time -> mean_days_to_respond
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.151
High vs. Low wald test p-value: 0.121
Event time (k)

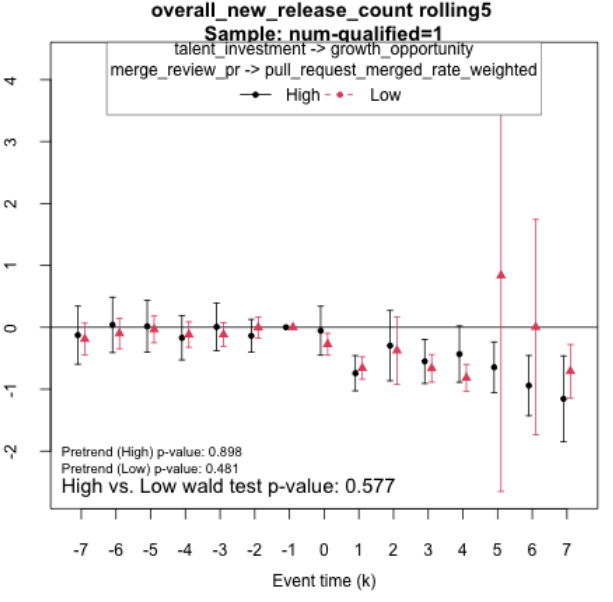

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value < 0.001
Pretrend (Low) p-value: 0.891
High vs. Low wald test p-value: 0.689
Event time (k)

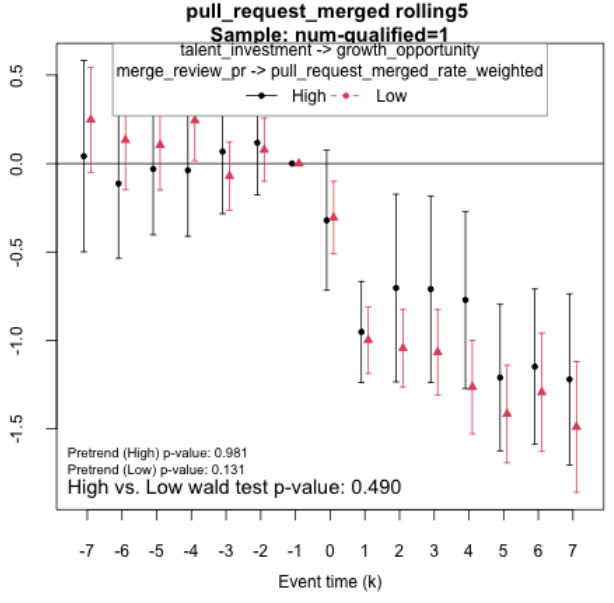

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.824
Pretrend (Low) p-value: 0.718
High vs. Low wald test p-value: 0.516
Event time (k)

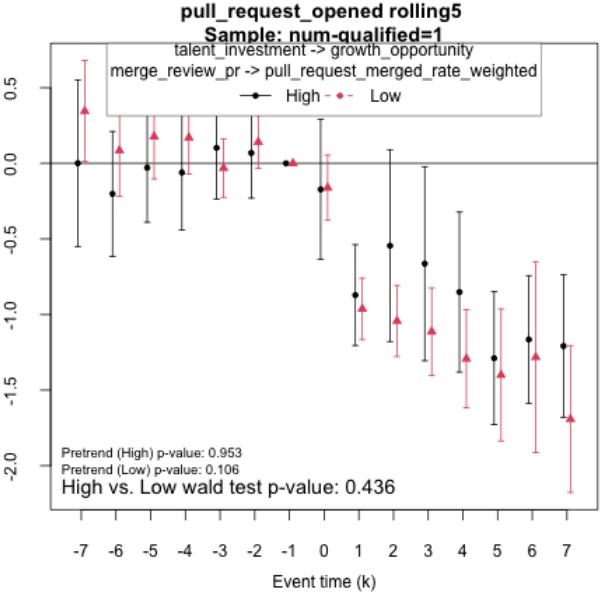

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.841
Pretrend (Low) p-value: 0.428
High vs. Low wald test p-value: 0.012
Event time (k)

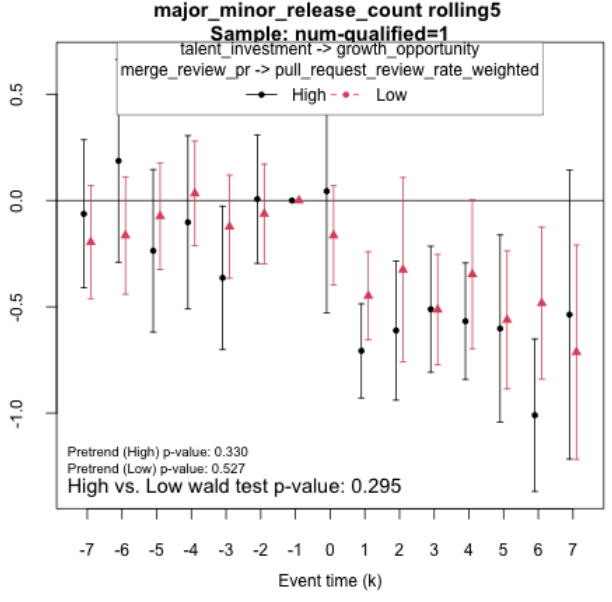

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> any_activity_rate_weighted
High
Low
Pretrend (High) p-value: 0.803
Pretrend (Low) p-value: 0.334
High vs. Low wald test p-value: 0.021
Event time (k)

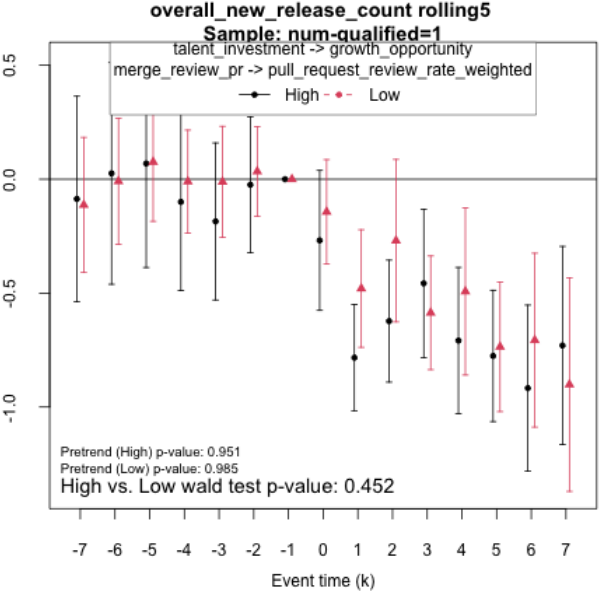

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.039
Pretrend (Low) p-value: 0.649
High vs. Low wald test p-value: 0.573
Event time (k)

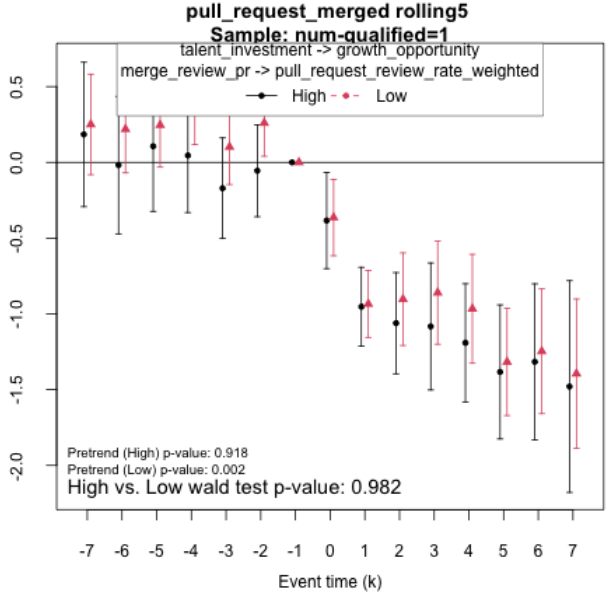

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.898
Pretrend (Low) p-value: 0.481
High vs. Low wald test p-value: 0.577
Event time (k)

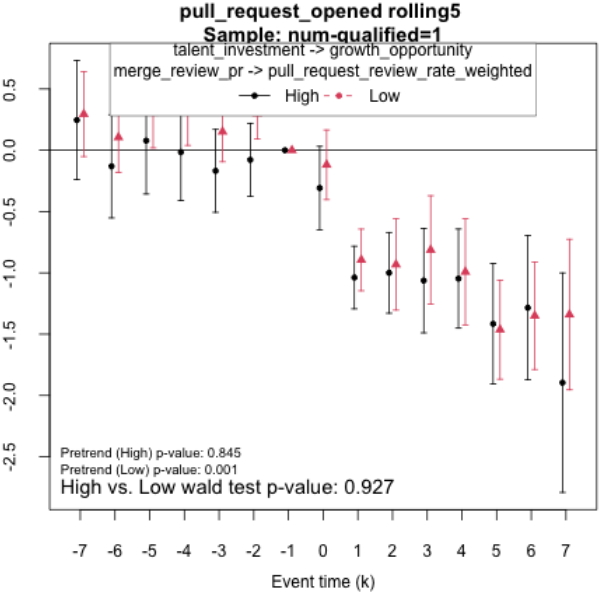

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.981
Pretrend (Low) p-value: 0.131
High vs. Low wald test p-value: 0.490
Event time (k)

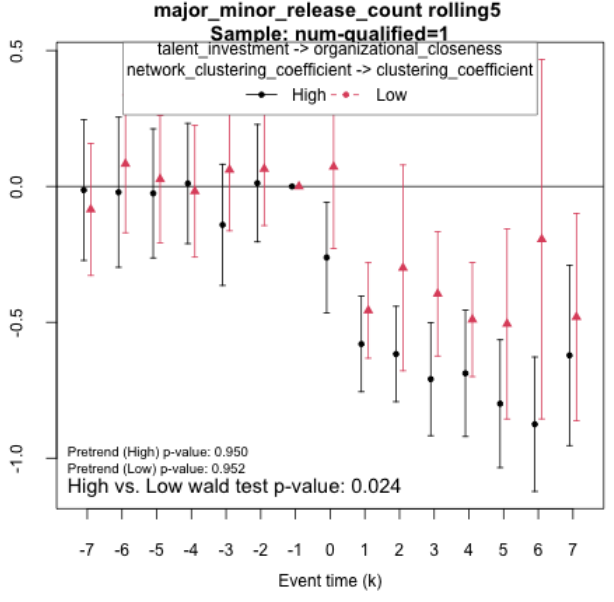

pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_merged_rate_weighted
High
Low
Pretrend (High) p-value: 0.953
Pretrend (Low) p-value: 0.106
High vs. Low wald test p-value: 0.436
Event time (k)

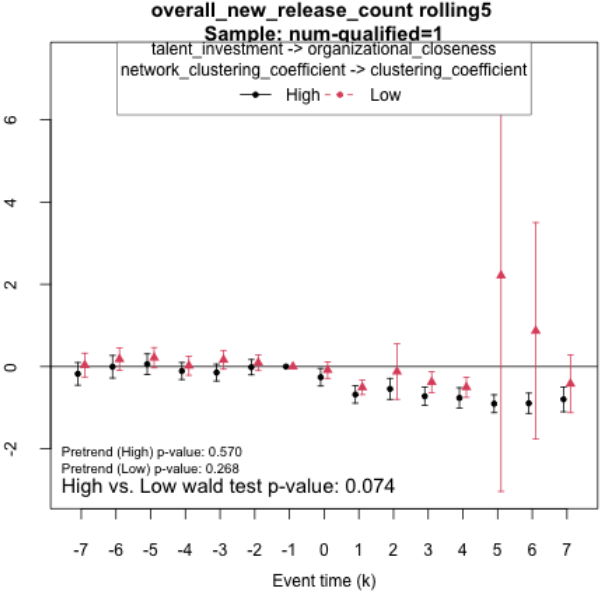

major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.330
Pretrend (Low) p-value: 0.527
High vs. Low wald test p-value: 0.295
Event time (k)

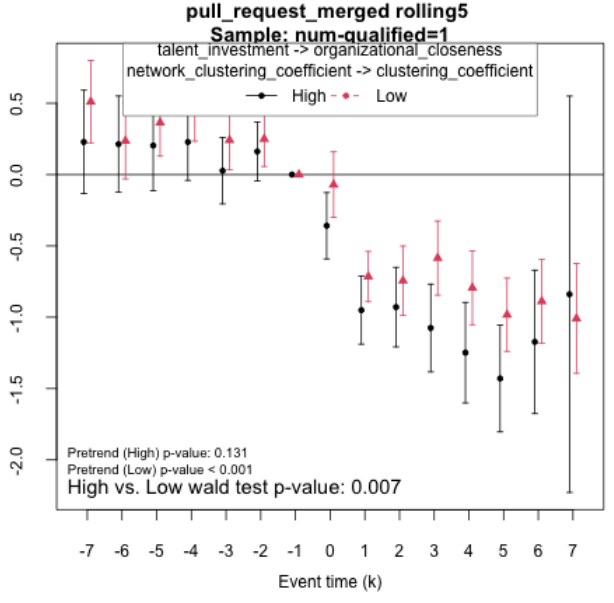

overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.951
Pretrend (Low) p-value: 0.985
High vs. Low wald test p-value: 0.452
Event time (k)

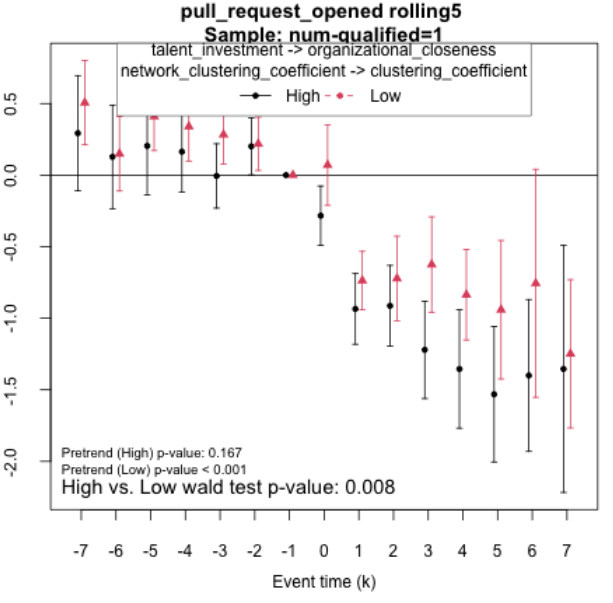

pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.918
Pretrend (Low) p-value: 0.002
High vs. Low wald test p-value: 0.982
Event time (k)


pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> growth_opportunity
merge_review_pr -> pull_request_review_rate_weighted
High
Low
Pretrend (High) p-value: 0.845
Pretrend (Low) p-value: 0.001
High vs. Low wald test p-value: 0.927
Event time (k)


major_minor_release_count rolling5
Sample: num-qualified=1
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value: 0.950
Pretrend (Low) p-value: 0.952
High vs. Low wald test p-value: 0.024
Event time (k)


overall_new_release_count rolling5
Sample: num-qualified=1
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value: 0.570
Pretrend (Low) p-value: 0.268
High vs. Low wald test p-value: 0.074
Event time (k)


pull_request_merged rolling5
Sample: num-qualified=1
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value: 0.131
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.007
Event time (k)


pull_request_opened rolling5
Sample: num-qualified=1
talent_investment -> organizational_closeness
network_clustering_coefficient -> clustering_coefficient
High
Low
Pretrend (High) p-value: 0.167
Pretrend (Low) p-value < 0.001
High vs. Low wald test p-value: 0.008
Event time (k)