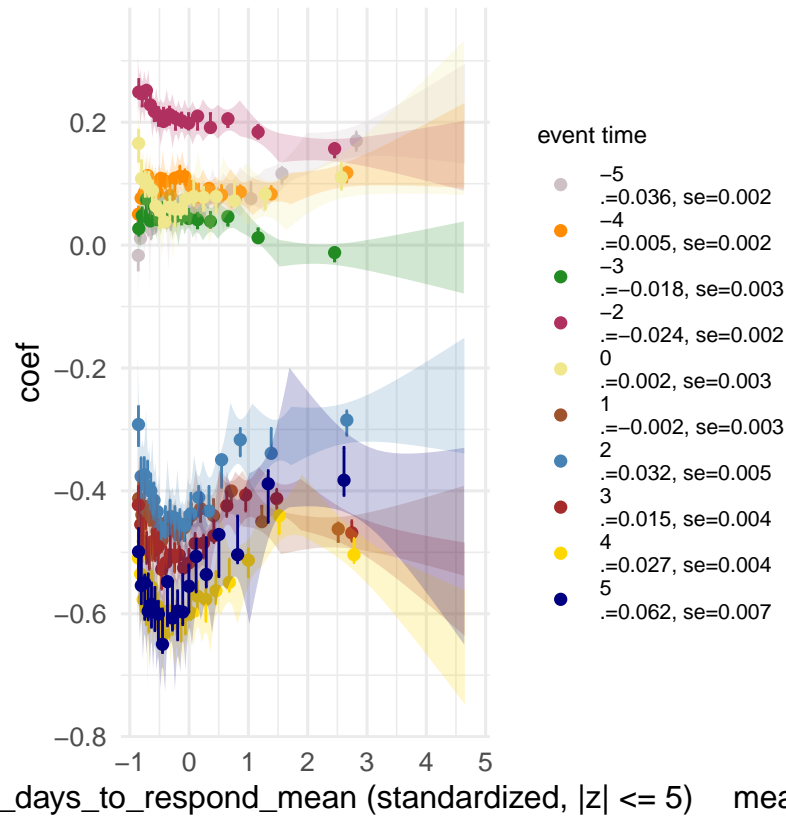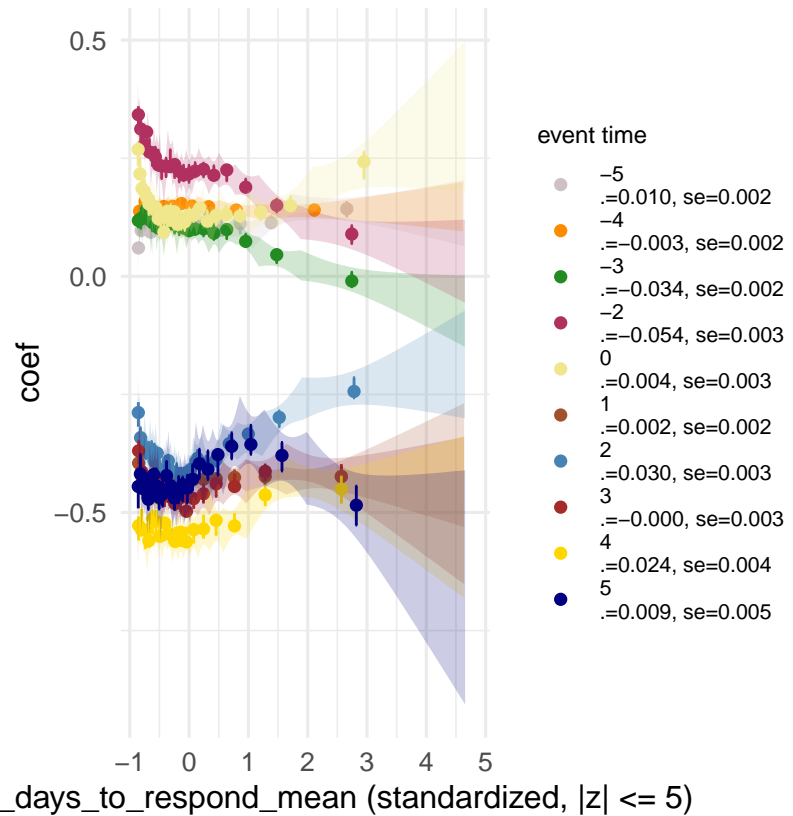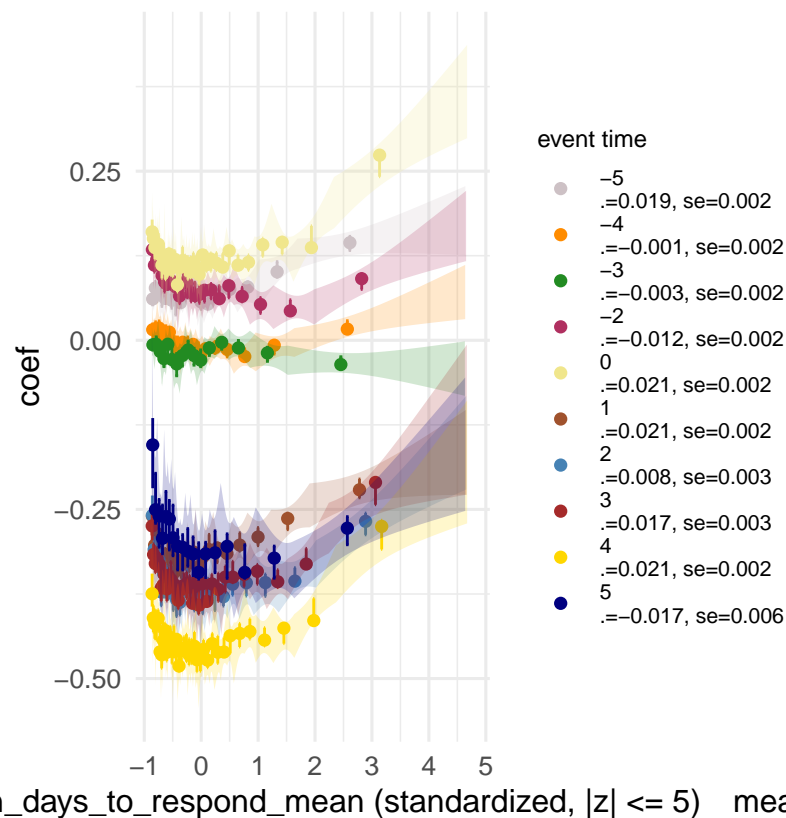Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment –> feedback
response_time –> mean_days_to_respond
Rank: 2, Importance: 0.116

Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5, t
talent_investment –> feedback
response_time –> mean_days_to_respond
Rank: 1, Importance: 0.149

Binscatter of Event–study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
talent_investment –> feedback
response_time –> mean_days_to_respond
Rank: 2, Importance: 0.133

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rol
talent_investment –> feedback
response_time –> mean_days_to_respond
Rank: 2, Importance: 0.141

Binscatter of Event–study Coefficients
Outcome: overall_new_release_count (rolling5, top150)
knowledge_redundancy –> collaboration
hhi –> proj_hhi_pull_request_review_comment
Rank: 1, Importance: 0.14

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rol...)
knowledge_redundancy –> collaboration
hhi –> proj_hhi_pull_request_review_com...
Rank: 5, Importance: 0.0792
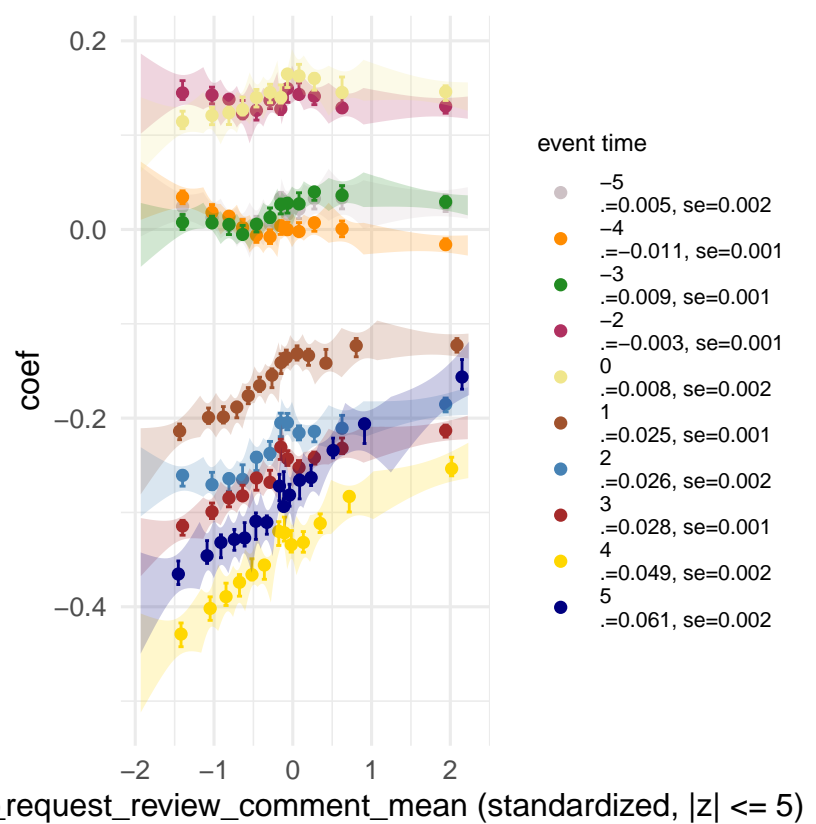
Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5, top15)
knowledge_redundancy –> broad_expertise
issue_pr_share –> share_issue_only
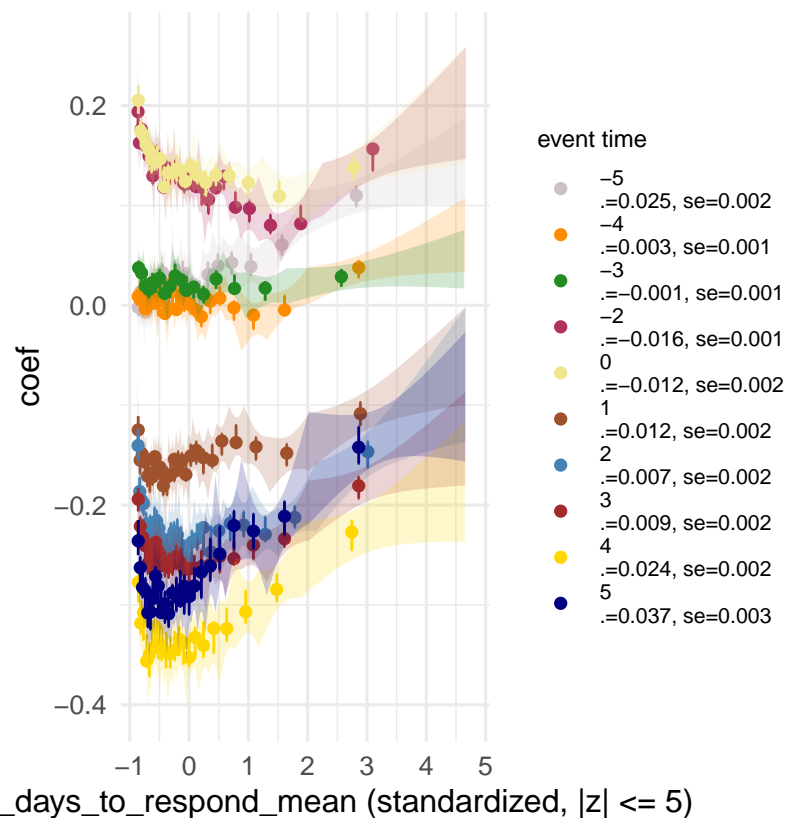Rank: 3, Importance: 0.101
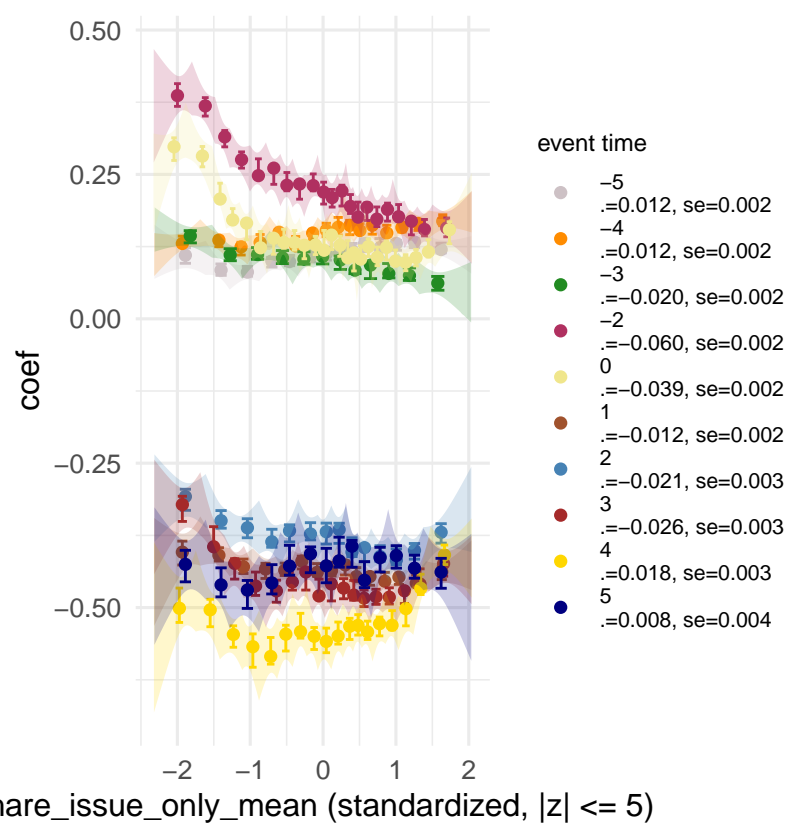
share_issue_only_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment −> feedback
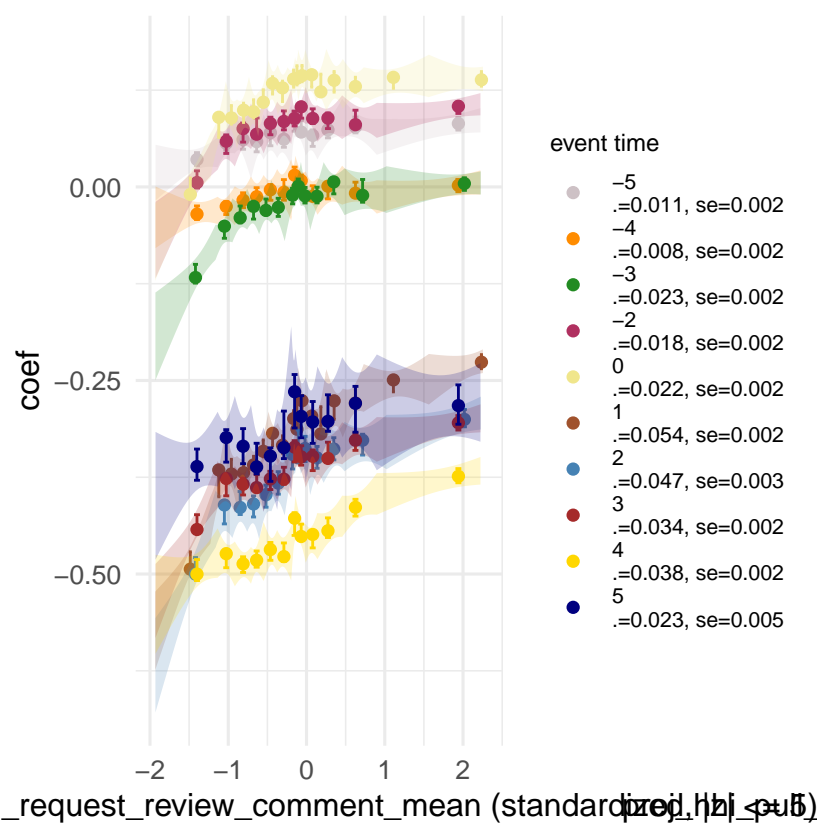response_sentiment −> neg_sentiment_avg
Rank: 4, Importance: 0.0863

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (roll
talent_investment −> feedback
response_sentiment −> neg_sentiment_a
Rank: 4, Importance: 0.118

event time
- −5
  .=−0.025, se=0.003
- −4
  .=−0.014, se=0.002
- −3
  .=0.011, se=0.003
- −2
  .=0.024, se=0.002
- 0
  .=0.025, se=0.003
- 1
  .=0.046, se=0.003
- 2
  .=0.070, se=0.004
- 3
  .=0.049, se=0.003
- 4
  .=0.050, se=0.004
- 5
  .=0.039, se=0.007

event time
- −5
  .=−0.011, se=0.002
- −4
  .=−0.009, se=0.002
- −3
  .=0.001, se=0.002
- −2
  .=0.013, se=0.002
- 0
  .=0.002, se=0.002
- 1
  .=0.014, se=0.003
- 2
  .=0.016, se=0.003
- 3
  .=0.014, se=0.003
- 4
  .=0.011, se=0.003
- 5
  .=−0.014, se=0.006

_sentiment_avg_mean (standardized, |z| <= 5)

neg_sentiment_avg_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
knowledge_redundancy −> collaboration
member_count −> pct_members_multiple
Rank: 1, Importance: 0.145
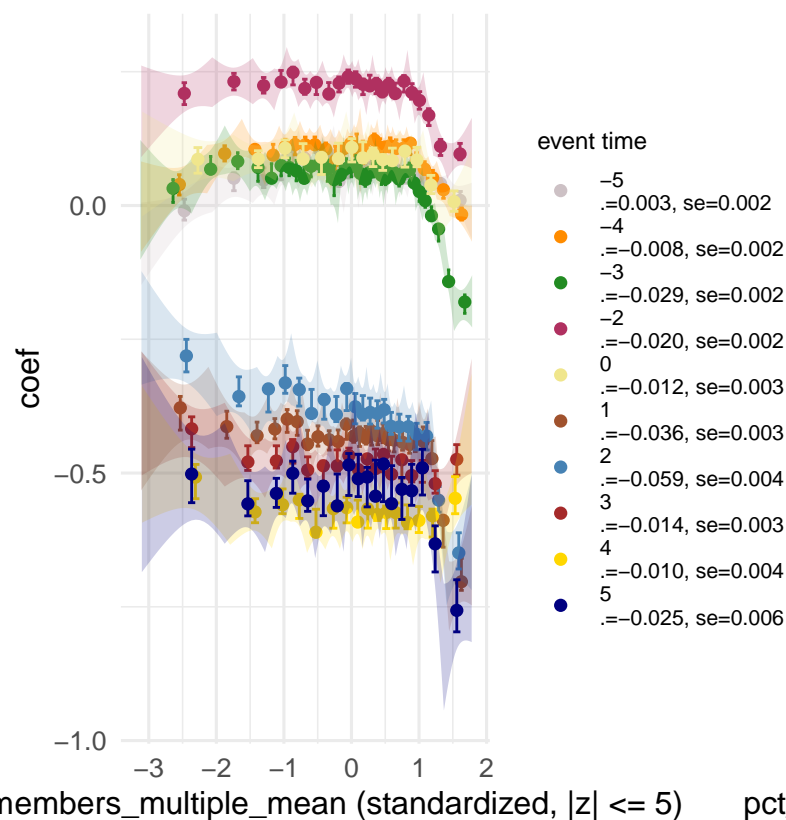
event time
−5 .=0.003, se=0.002
−4 .=−0.008, se=0.002
−3 .=−0.029, se=0.002
−2 .=−0.020, se=0.002
0   .=−0.012, se=0.003
1   .=−0.036, se=0.003
2   .=−0.059, se=0.004
3   .=−0.014, se=0.003
4   .=−0.010, se=0.004
5   .=−0.025, se=0.006

members_multiple_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5, t
knowledge_redundancy −> collaboration
member_count −> pct_members_multiple
Rank: 7, Importance: 0.0803
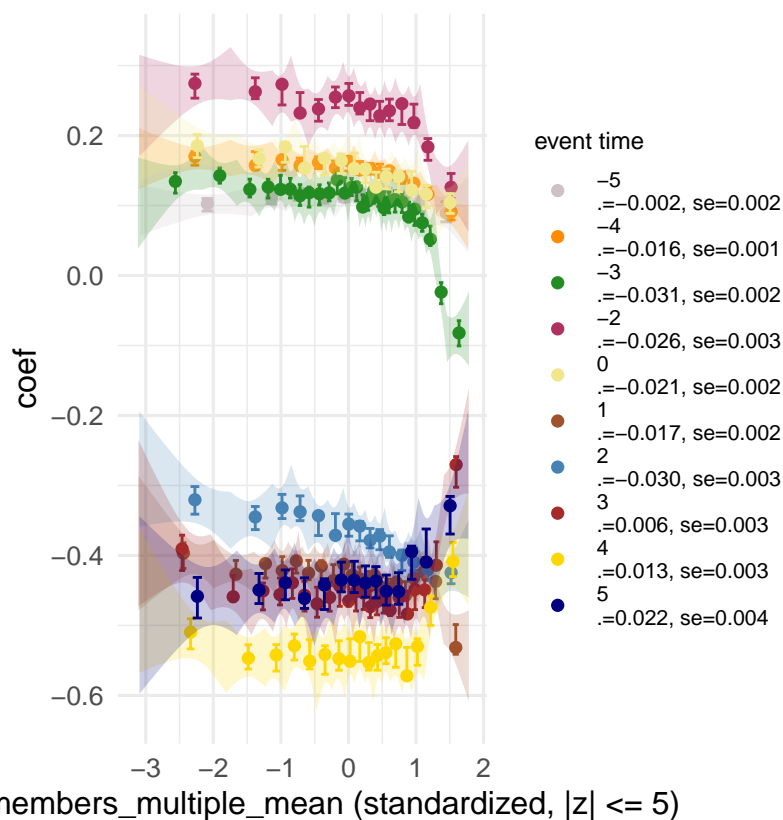
event time
−5 .=−0.002, se=0.002
−4 .=−0.016, se=0.001
−3 .=−0.031, se=0.002
−2 .=−0.026, se=0.003
0   .=−0.021, se=0.002
1   .=−0.017, se=0.002
2   .=−0.030, se=0.003
3   .=0.006, se=0.003
4   .=0.013, se=0.003
5   .=0.022, se=0.004

pct_members_multiple_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)me: major_minor_release_count (rol
knowledge_redundancy −> collaboration
member_count −> pct_members_multiple
Rank: 6, Importance: 0.1

event time
−5 .=0.017, se=0.002
−4 .=−0.005, se=0.002
−3 .=0.004, se=0.002
−2 .=−0.014, se=0.002
0   .=−0.010, se=0.002
1   .=−0.021, se=0.002
2   .=−0.003, se=0.003
3   .=0.001, se=0.002
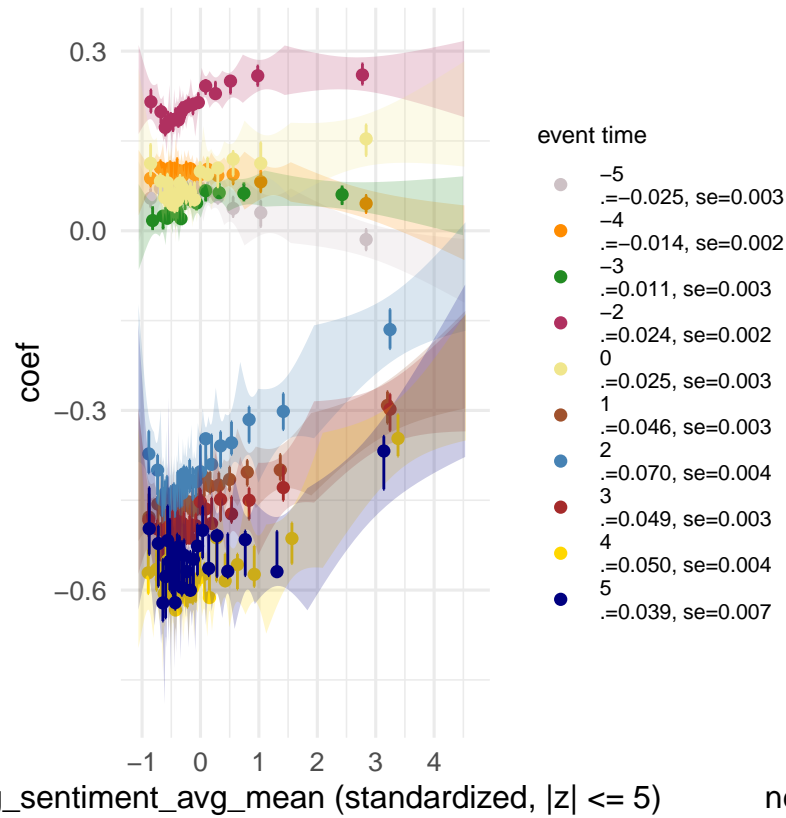4   .=−0.017, se=0.002
5   .=0.059, se=0.005

members_multiple_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (rol
knowledge_redundancy −> collaboration
member_count −> pct_members_multiple
Rank: 3, Importance: 0.136

event time
−5 .=0.026, se=0.002
−4 .=0.013, se=0.001
−3 .=0.015, se=0.001
−2 .=−0.011, se=0.001
0   .=−0.021, se=0.001
1   .=−0.031, se=0.001
2   .=−0.017, se=0.002
3   .=−0.007, se=0.002
4   .=−0.011, se=0.002
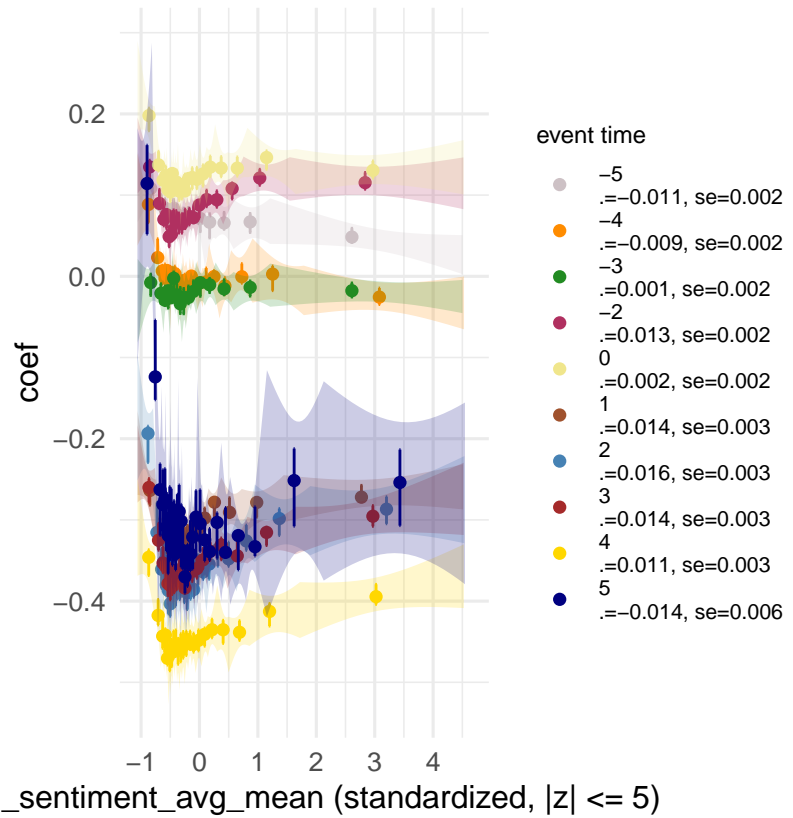5   .=0.006, se=0.002

pct_members_multiple_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
knowledge_redundancy −> broad_expertise
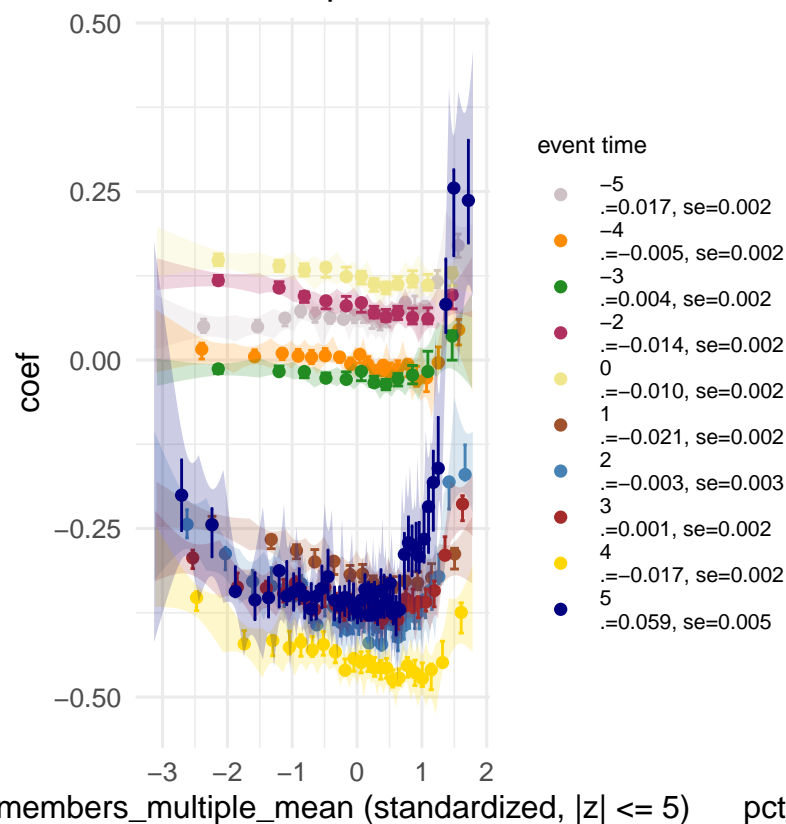discussion_content −> cos_sim_same_actor
Rank: 3, Importance: 0.102

event time
- −5 .=−0.026, se=0.002
- −4 .=−0.010, se=0.002
- −3 .=−0.007, se=0.002
- −2 .=0.015, se=0.002
- 0 .=0.009, se=0.003
- 1 .=0.027, se=0.003
- 2 .=0.061, se=0.004
- 3 .=0.041, se=0.003
- 4 .=0.018, se=0.004
- 5 .=0.013, se=0.006

cos_sim_same_actor_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5,
knowledge_redundancy −> broad_expert
discussion_content −> cos_sim_same_ac
Rank: 10, Importance: 0.0456

event time
- −5 .=−0.001, se=0.002
- −4 .=0.004, se=0.002
- −3 .=0.016, se=0.002
- −2 .=0.024, se=0.003
- 0 .=0.011, se=0.002
- 1 .=0.006, se=0.002
- 2 .=0.034, se=0.003
- 3 .=0.023, se=0.003
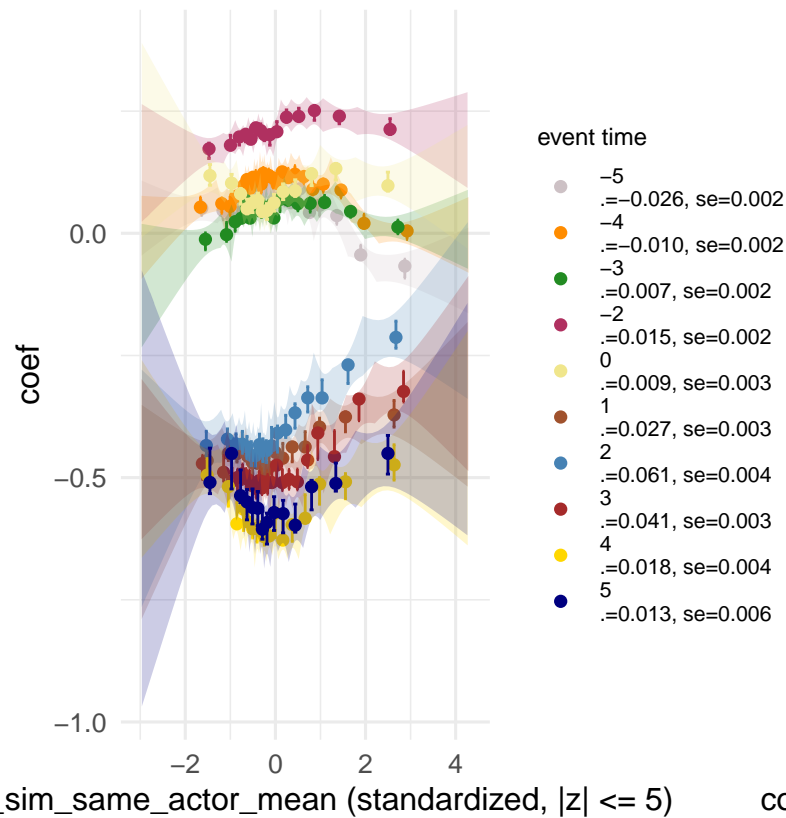- 4 .=−0.006, se=0.003
- 5 .=−0.017, se=0.004

cos_sim_same_actor_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
knowledge_redundancy −> broad_expertise
discussion_content −> cos_sim_same_actor
Rank: 3, Importance: 0.128

event time
- −5 .=−0.005, se=0.002
- −4 .=−0.004, se=0.002
- −3 .=−0.011, se=0.002
- −2 .=0.001, se=0.002
- 0 .=−0.009, se=0.002
- 1 .=0.001, se=0.002
- 2 .=0.018, se=0.003
- 3 .=0.009, se=0.002
- 4 .=0.014, se=0.002
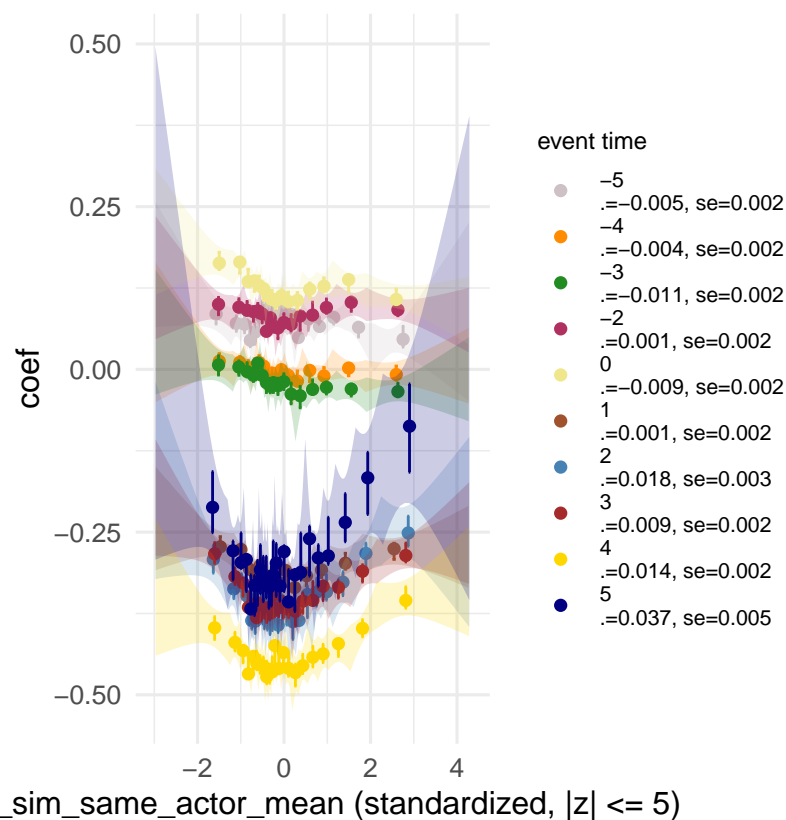- 5 .=0.037, se=0.005

cos_sim_same_actor_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
knowledge_redundancy –> broad_expertise
discussion_content –> text_sim_ratio
Rank: 9, Importance: 0.0587

event time
- −5 .=−0.025, se=0.002
- −4 .=−0.011, se=0.002
- −3 .=0.008, se=0.002
- −2 .=0.020, se=0.002
- 0 .=0.023, se=0.003
- 1 .=0.034, se=0.003
- 2 .=0.067, se=0.004
- 3 .=0.051, se=0.003
- 4 .=0.026, se=0.004
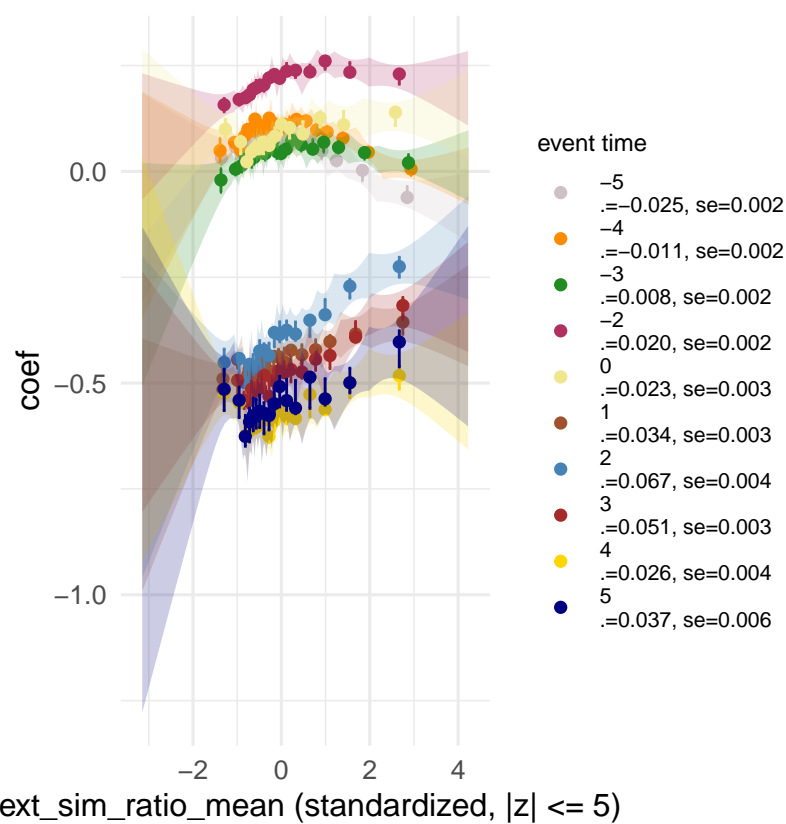- 5 .=0.037, se=0.006

ext_sim_ratio_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5,
knowledge_redundancy –> broad_expert
discussion_content –> text_sim_ratio
Rank: 2, Importance: 0.13
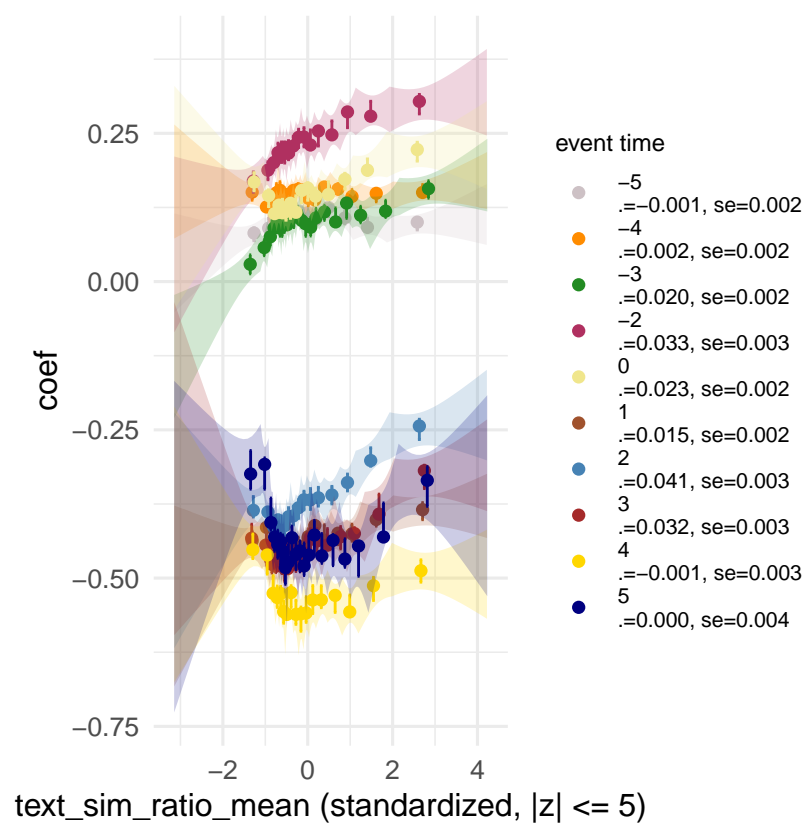
event time
- −5 .=−0.001, se=0.002
- −4 .=0.002, se=0.002
- −3 .=0.020, se=0.002
- −2 .=0.033, se=0.003
- 0 .=0.023, se=0.002
- 1 .=0.015, se=0.002
- 2 .=0.041, se=0.003
- 3 .=0.032, se=0.003
- 4 .=−0.001, se=0.003
- 5 .=0.000, se=0.004

text_sim_ratio_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5, top15)
knowledge_redundancy −> collaboration
member_count −> avg_members_per_problem
Rank: 12, Importance: 0.0221
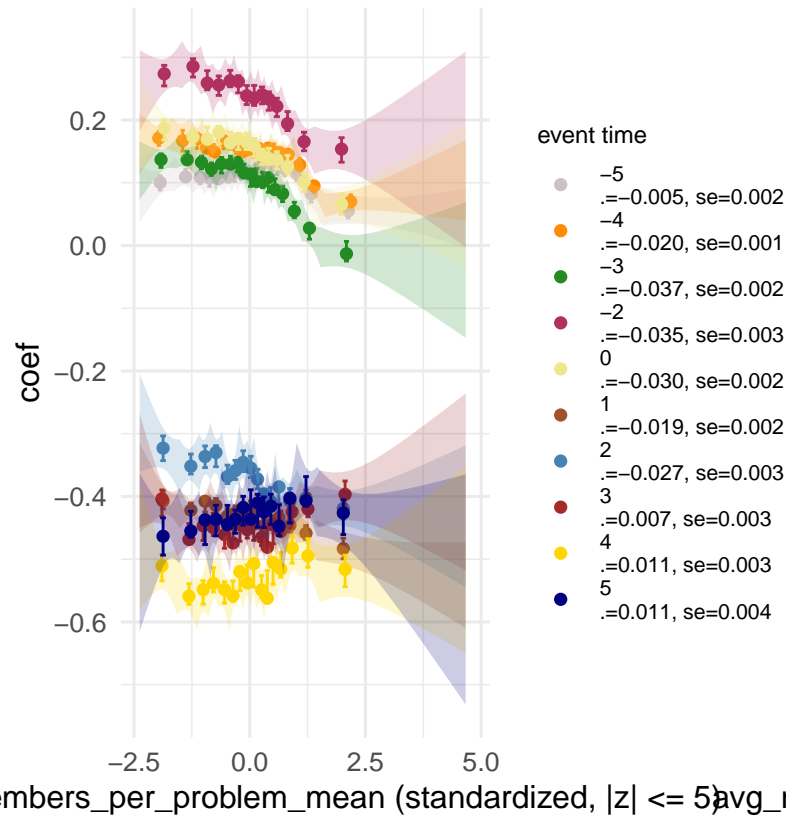
Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (ro
knowledge_redundancy −> collaboration
member_count −> avg_members_per_pro
Rank: 5, Importance: 0.118
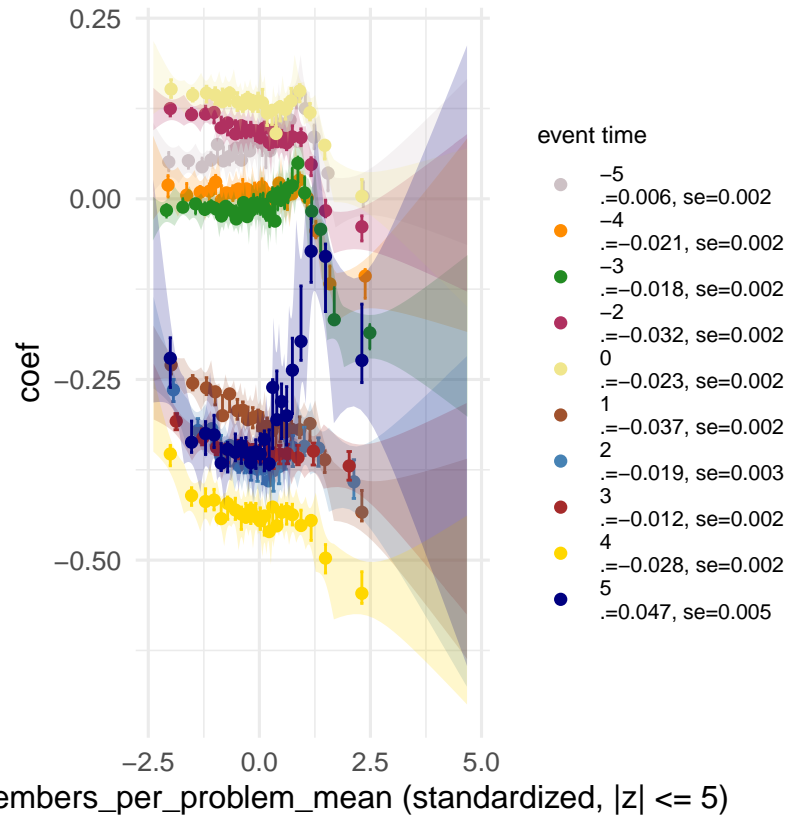
Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy −> collaboration
member_count −> avg_members_per_problem
Rank: 1, Importance: 0.149

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy –> supervision
merged_with_review –> pct_merged_with_approved
Rank: 6, Importance: 0.0706
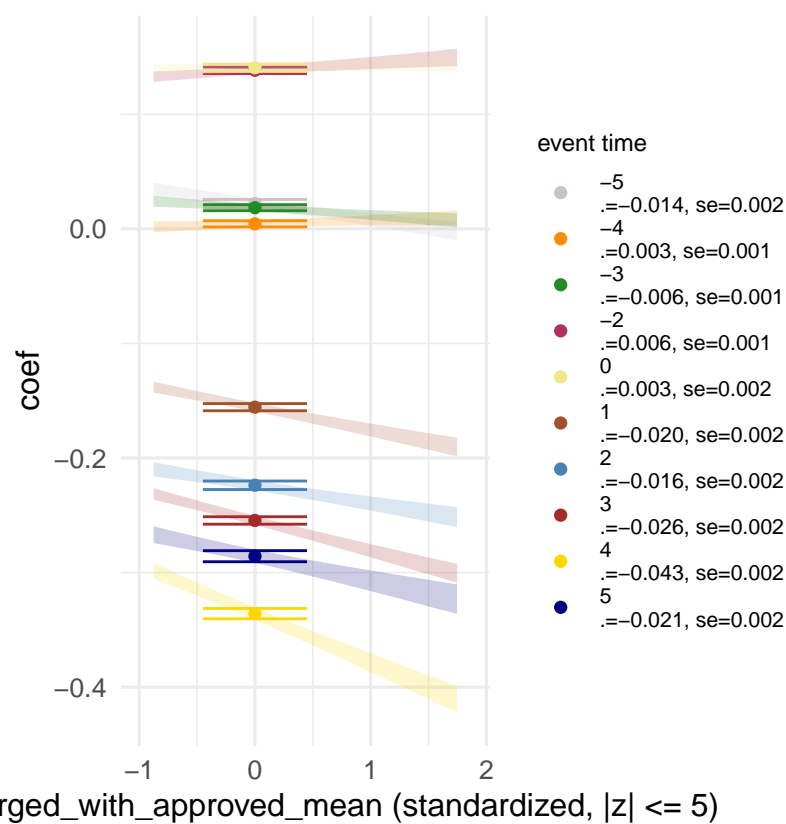
event time
- −5
  .=−0.014, se=0.002
- −4
  .=0.003, se=0.001
- −3
  .=−0.006, se=0.001
- −2
  .=0.006, se=0.001
- 0
  .=0.003, se=0.002
- 1
  .=−0.020, se=0.002
- 2
  .=−0.016, se=0.002
- 3
  .=−0.026, se=0.002
- 4
  .=−0.043, se=0.002
- 5
  .=−0.021, se=0.002

rged_with_approved_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment –> feedback
response_rate –> response_rate
Rank: 6, Importance: 0.0741

event time
- −5
  .=0.012, se=0.002
- −4
  .=−0.009, se=0.002
- −3
  .=−0.032, se=0.002
- −2
  .=−0.052, se=0.002
- 0
  .=−0.044, se=0.003
- 1
  .=−0.035, se=0.003
- 2
  .=−0.047, se=0.004
- 3
  .=−0.007, se=0.003
- 4
  .=0.012, se=0.004
- 5
  .=−0.017, se=0.006

response_rate_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5, t
talent_investment –> feedback
response_rate –> response_rate
Rank: 6, Importance: 0.0804

event time
- −5
  .=0.004, se=0.002
- −4
  .=−0.000, se=0.002
- −3
  .=−0.029, se=0.002
- −2
  .=−0.058, se=0.002
- 0
  .=−0.032, se=0.002
- 1
  .=−0.008, se=0.002
- 2
  .=−0.027, se=0.003
- 3
  .=−0.003, se=0.003
- 4
  .=0.031, se=0.003
- 5
  .=0.006, se=0.004

response_rate_mean (standardized, |z| <= 5)
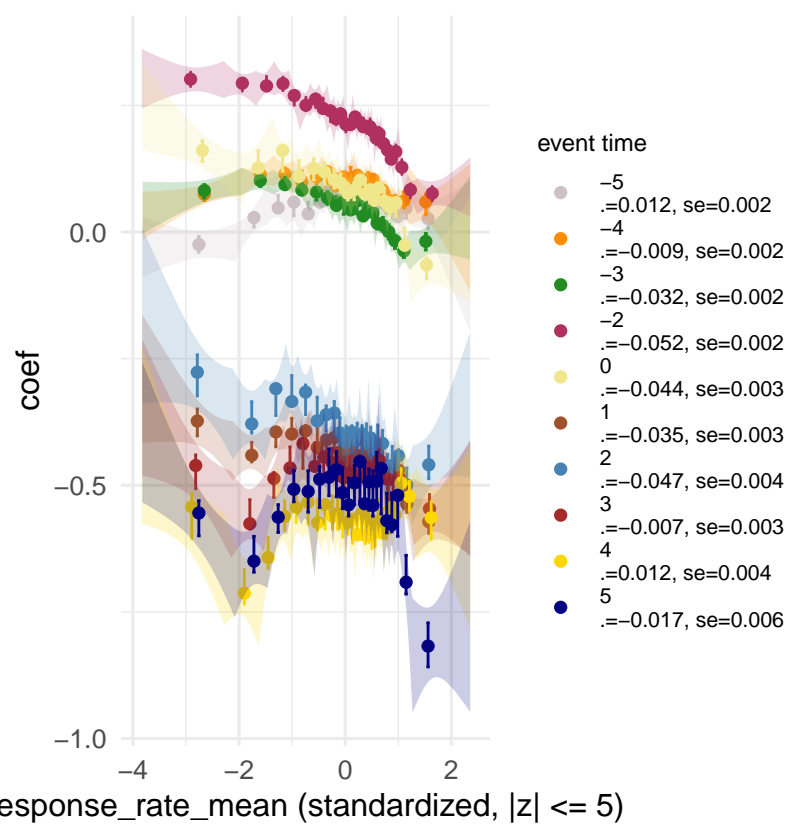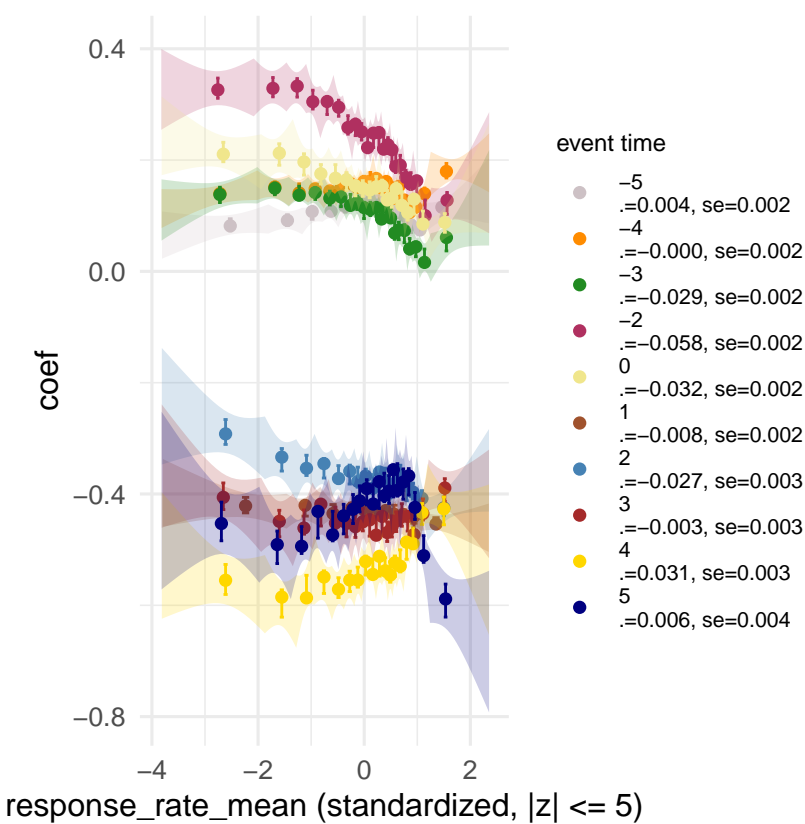
Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
knowledge_redundancy −> broad_expertise
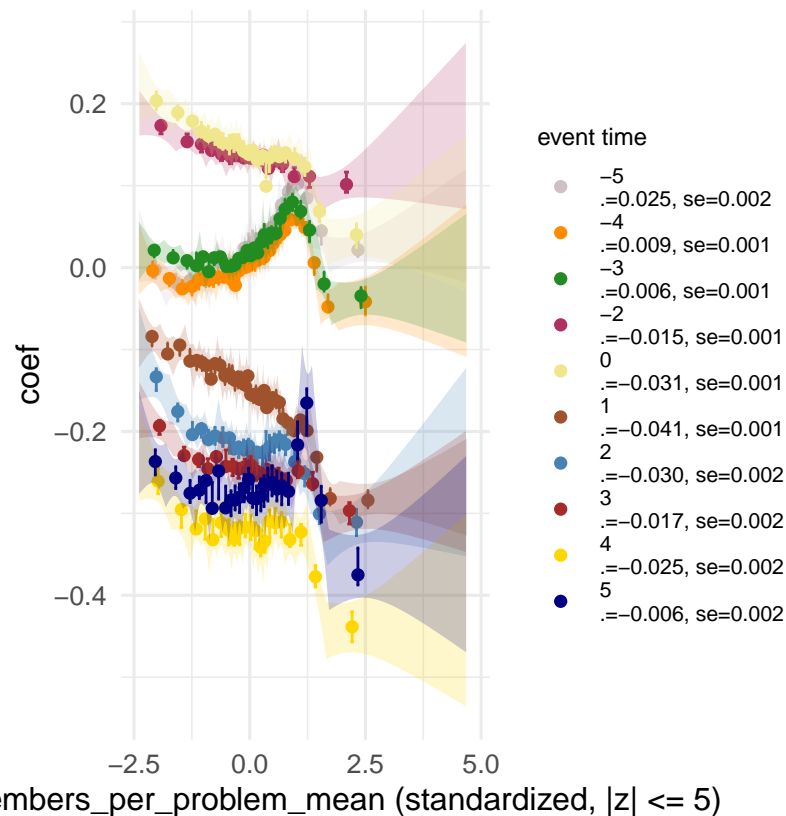discussion_content −> cos_sim_diff_actor
Rank: 7, Importance: 0.0687

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5, t
knowledge_redundancy −> broad_expertis
discussion_content −> cos_sim_diff_actor
Rank: 5, Importance: 0.0899

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
knowledge_redundancy −> broad_expertise
discussion_content −> cos_sim_diff_actor
Rank: 10, Importance: 0.0305

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment −> growth_opportunity
merge_review_pr −> pull_request_merged_rate_weighted_mean
Rank: 12, Importance: 0.0414

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5, t
talent_investment −> growth_opportunity
merge_review_pr −> pull_request_merged
Rank: 8, Importance: 0.0673

event time
- −5   .=−0.049, se=0.003
- −4   .=−0.015, se=0.003
- −3   .=0.004, se=0.003
- −2   .=0.051, se=0.003
- 0   .=0.073, se=0.004
- 1   .=0.024, se=0.004
- 2   .=0.067, se=0.006
- 3   .=0.017, se=0.005
- 4   .=0.014, se=0.006
- 5   .=−0.016, se=0.009

event time
- −5   .=−0.035, se=0.002
- −4   .=−0.022, se=0.002
- −3   .=0.002, se=0.003
- −2   .=0.052, se=0.004
- 0   .=0.046, se=0.003
- 1   .=−0.011, se=0.003
- 2   .=0.018, se=0.004
- 3   .=−0.010, se=0.004
- 4   .=−0.055, se=0.005
- 5   .=−0.074, se=0.006

t_merged_rate_weighted_mean (standardized, |z| <= 5)   pull_request_merged_rate_weighted_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
talent_investment −> growth_opportunity
merge_review_pr −> pull_request_merged_rate_weighted_mean
Rank: 7, Importance: 0.0887

Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (rol
talent_investment −> growth_opportunity
merge_review_pr −> pull_request_merged
Rank: 4, Importance: 0.0918

event time
- −5   .=−0.023, se=0.003
- −4   .=−0.020, se=0.002
- −3   .=−0.013, se=0.003
- −2   .=0.034, se=0.003
- 0   .=0.017, se=0.003
- 1   .=−0.005, se=0.003
- 2   .=0.028, se=0.004
- 3   .=0.030, se=0.003
- 4   .=−0.014, se=0.003
- 5   .=−0.001, se=0.007

event time
- −5   .=−0.021, se=0.002
- −4   .=−0.004, se=0.002
- −3   .=0.006, se=0.002
- −2   .=0.042, se=0.002
- 0   .=0.031, se=0.002
- 1   .=−0.003, se=0.002
- 2   .=0.000, se=0.003
- 3   .=−0.011, se=0.002
- 4   .=−0.048, se=0.003
- 5   .=−0.023, se=0.004

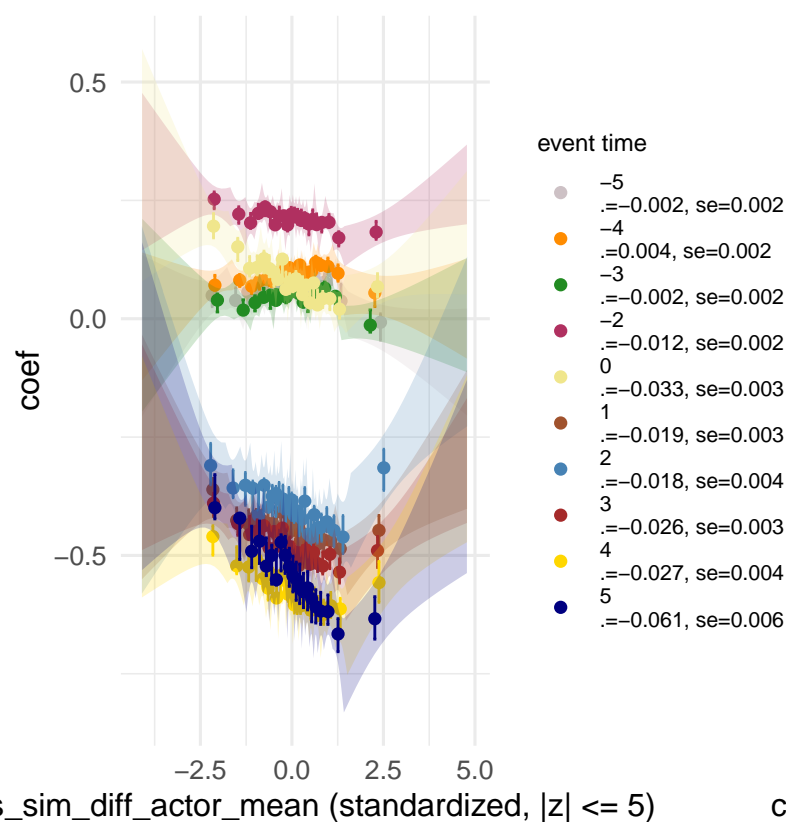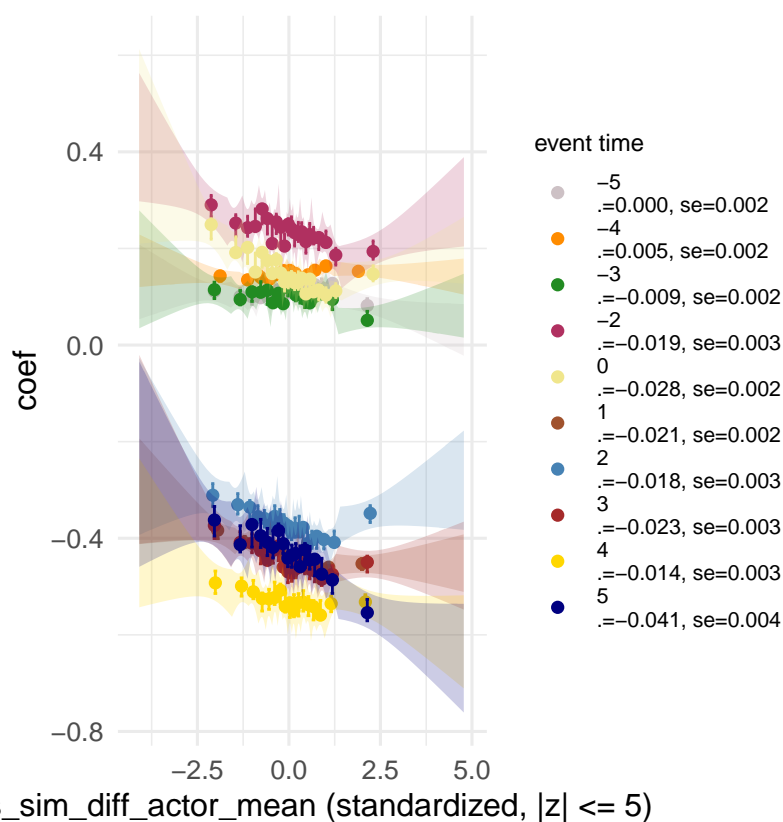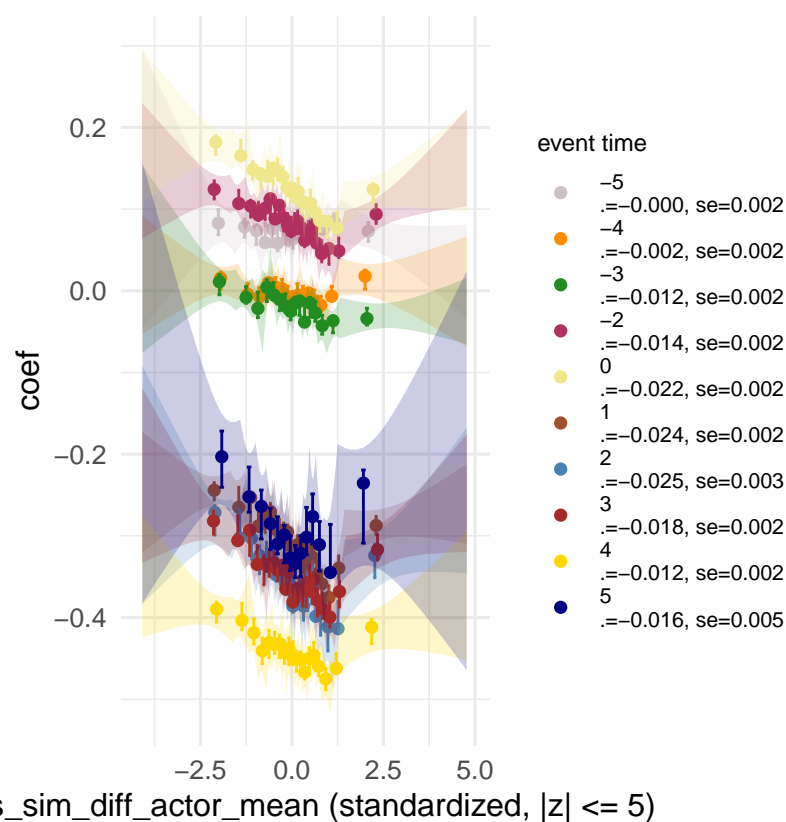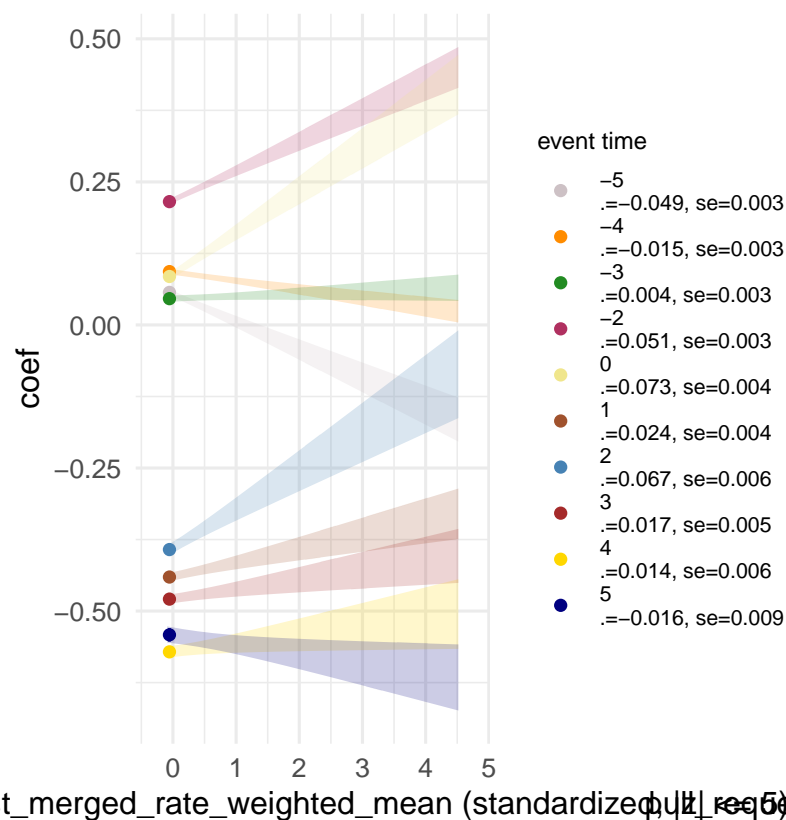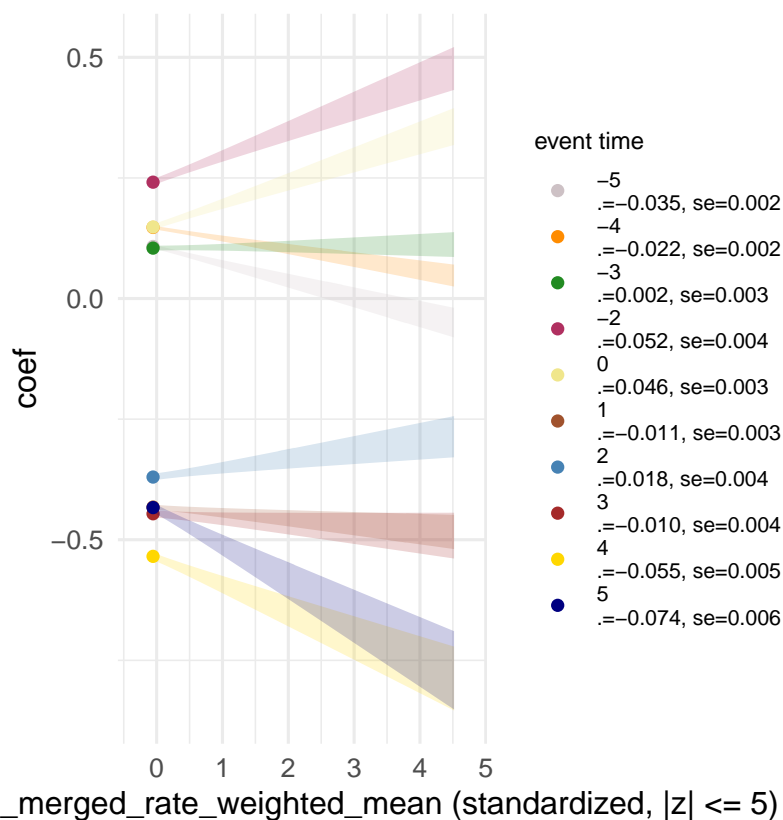t_merged_rate_weighted_mean (standardized, |z| <= 5)   pull_request_merged_rate_weighted_mean (standardized, |z| <= 5)
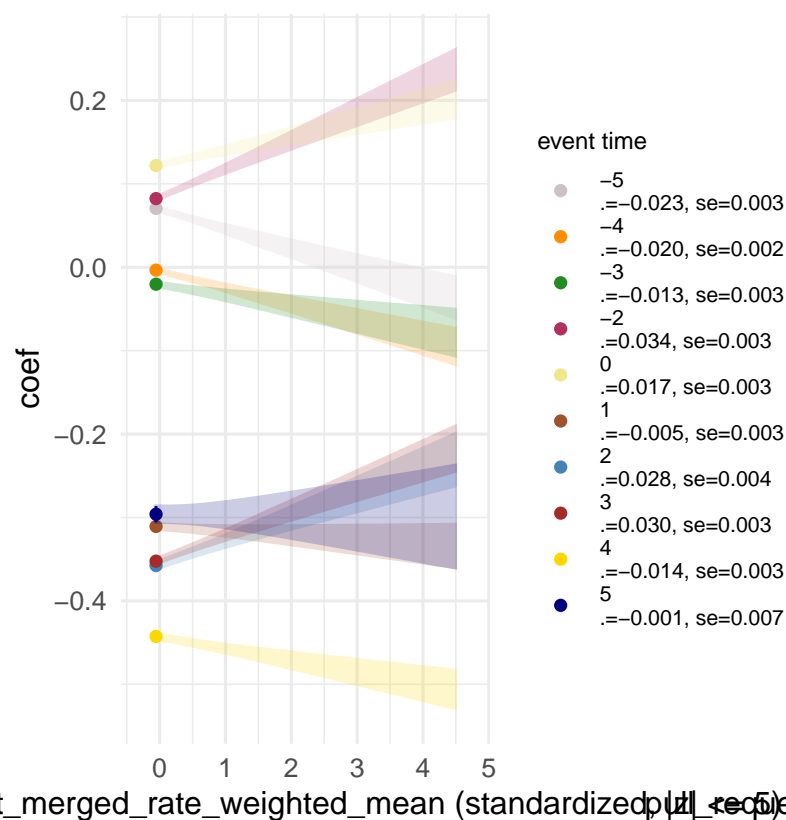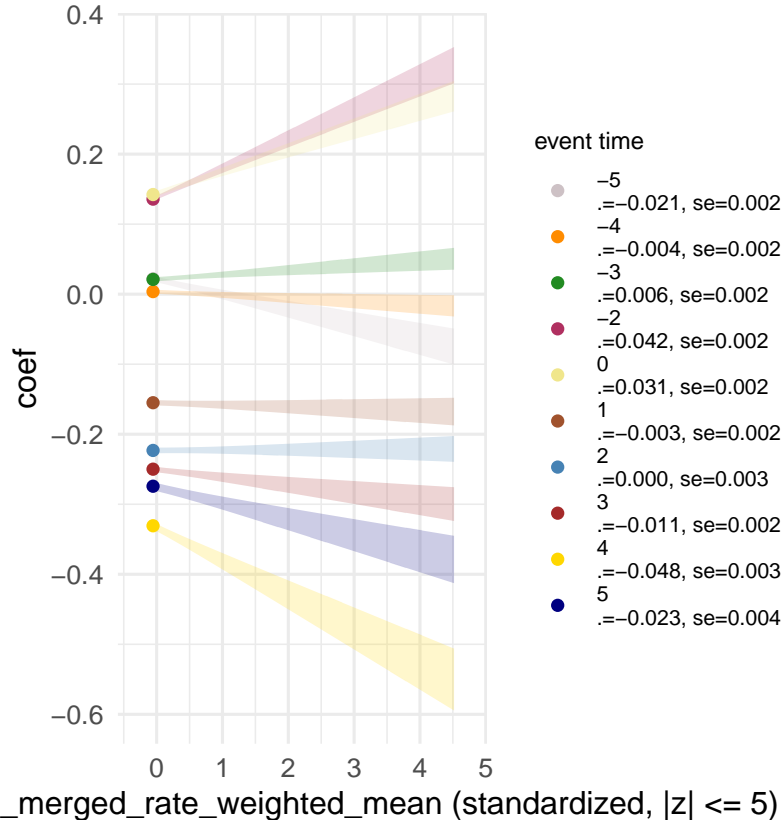
Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment –> feedback
response_sentiment –> ov_sentiment_avg
Rank: 5, Importance: 0.0809
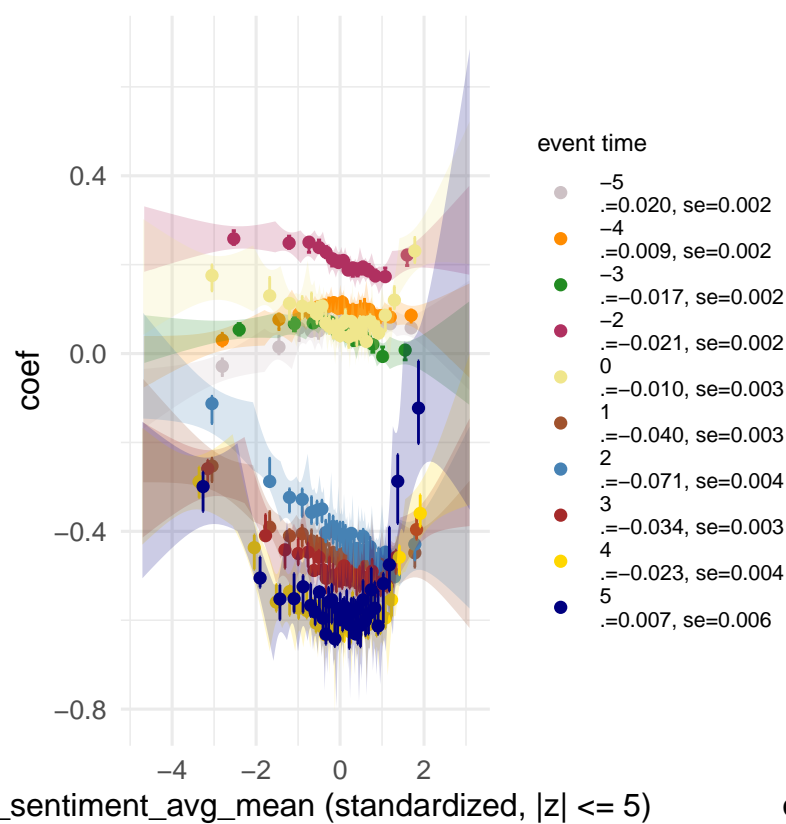
Binscatter of Event–study Coefficients
Outcome: overall_new_release_count (ro
talent_investment –> feedback
response_sentiment –> ov_sentiment_av
Rank: 11, Importance: 0.0148
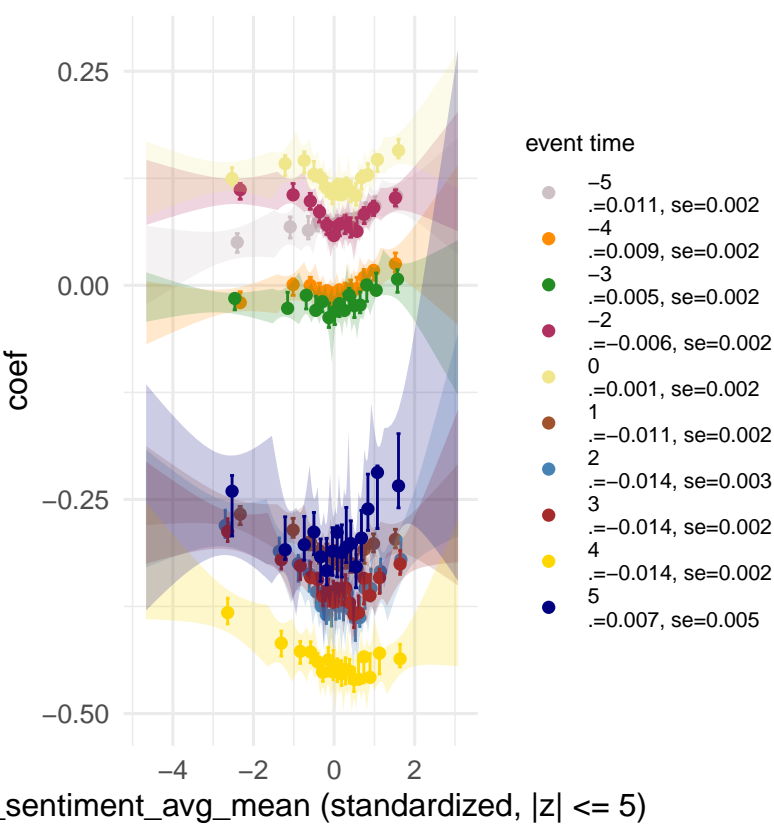
event time

−5	.=0.020, se=0.002
−4	.=0.009, se=0.002
−3	.=−0.017, se=0.002
−2	.=−0.021, se=0.002
0	.=−0.010, se=0.003
1	.=−0.040, se=0.003
2	.=−0.071, se=0.004
3	.=−0.034, se=0.003
4	.=−0.023, se=0.004
5	.=0.007, se=0.006

event time

−5	.=0.011, se=0.002
−4	.=0.009, se=0.002
−3	.=0.005, se=0.002
−2	.=−0.006, se=0.002
0	.=0.001, se=0.002
1	.=−0.011, se=0.002
2	.=−0.014, se=0.003
3	.=−0.014, se=0.002
4	.=−0.014, se=0.002
5	.=0.007, se=0.005

_sentiment_avg_mean (standardized, |z| <= 5)

ov_sentiment_avg_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy –> broad_expertise
issue_pr_share –> share_issue_and_pr
Rank: 8, Importance: 0.0609
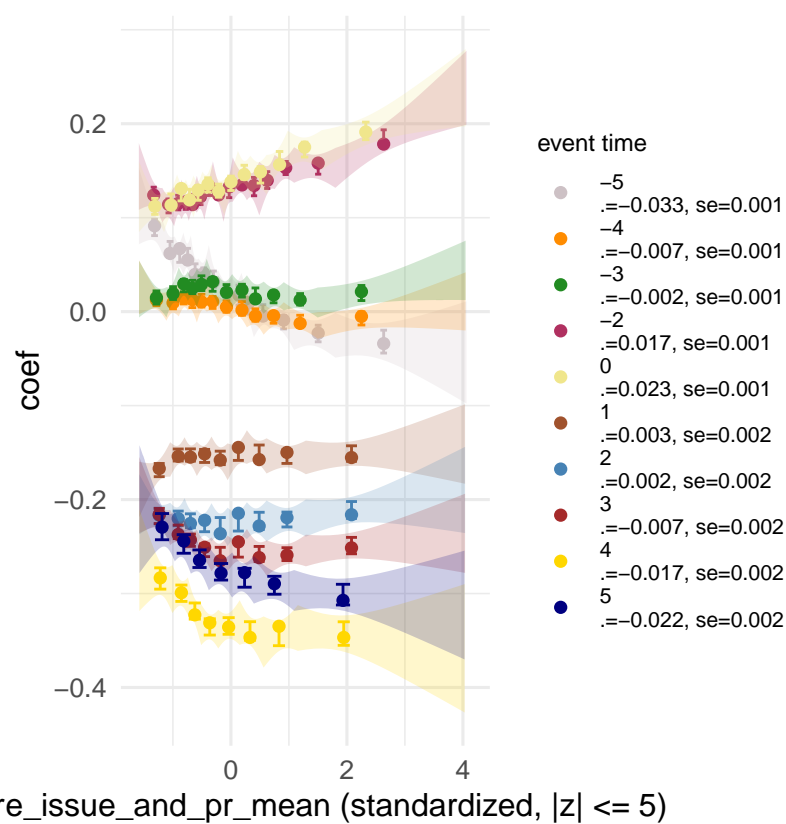
event time

- −5
  .=−0.033, se=0.001
- −4
  .=−0.007, se=0.001
- −3
  .=−0.002, se=0.001
- −2
  .=0.017, se=0.001
- 0
  .=0.023, se=0.001
- 1
  .=0.003, se=0.002
- 2
  .=0.002, se=0.002
- 3
  .=−0.007, se=0.002
- 4
  .=−0.017, se=0.002
- 5
  .=−0.022, se=0.002

coef

re_issue_and_pr_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment −> organizational_closeness
network_clustering_coefficient −> clustering_coefficient
Rank: 8, Importance: 0.0672
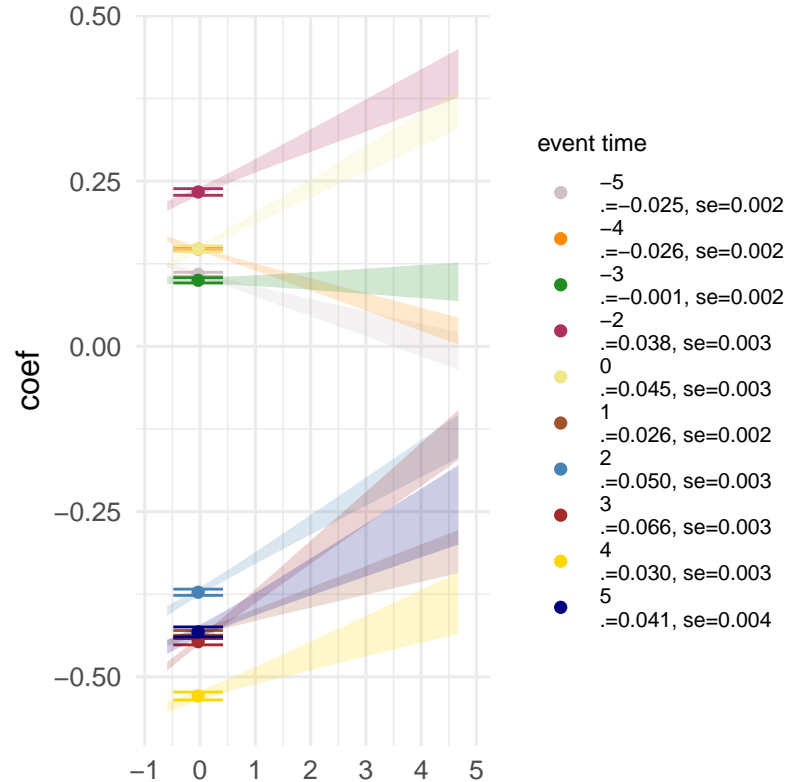
event time
- −5 .=−0.037, se=0.002
- −4 .=−0.031, se=0.002
- −3 .=−0.015, se=0.003
- −2 .=0.021, se=0.002
- 0 .=0.066, se=0.003
- 1 .=0.061, se=0.003
- 2 .=0.077, se=0.004
- 3 .=0.068, se=0.003
- 4 .=0.083, se=0.004
- 5 .=0.079, se=0.006

clustering_coefficient_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5,
talent_investment −> organizational_close
network_clustering_coefficient −> clusteri
Rank: 9, Importance: 0.0583

event time
- −5 .=−0.025, se=0.002
- −4 .=−0.026, se=0.002
- −3 .=−0.001, se=0.002
- −2 .=0.038, se=0.003
- 0 .=0.045, se=0.003
- 1 .=0.026, se=0.002
- 2 .=0.050, se=0.003
- 3 .=0.066, se=0.003
- 4 .=0.030, se=0.003
- 5 .=0.041, se=0.004

clustering_coefficient_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
knowledge_redundancy –> supervision
discussion_quantity –> avg_all_disc_count
Rank: 9, Importance: 0.0311
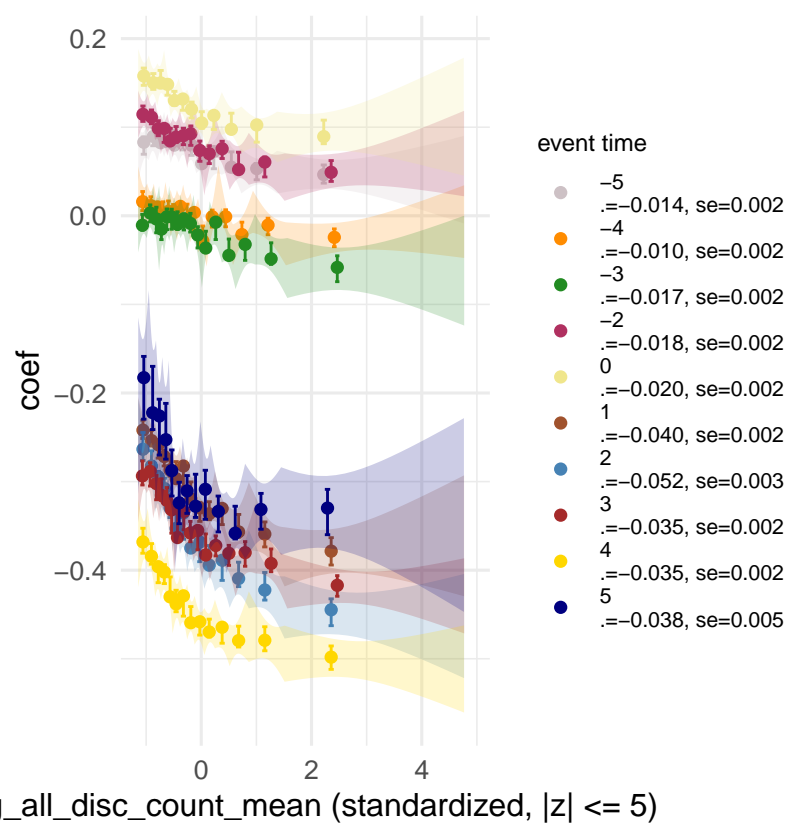
Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
organizational_routines –> organized_assignment
discussion_assignees –> mean_has_assignee
Rank: 11, Importance: 0.0418
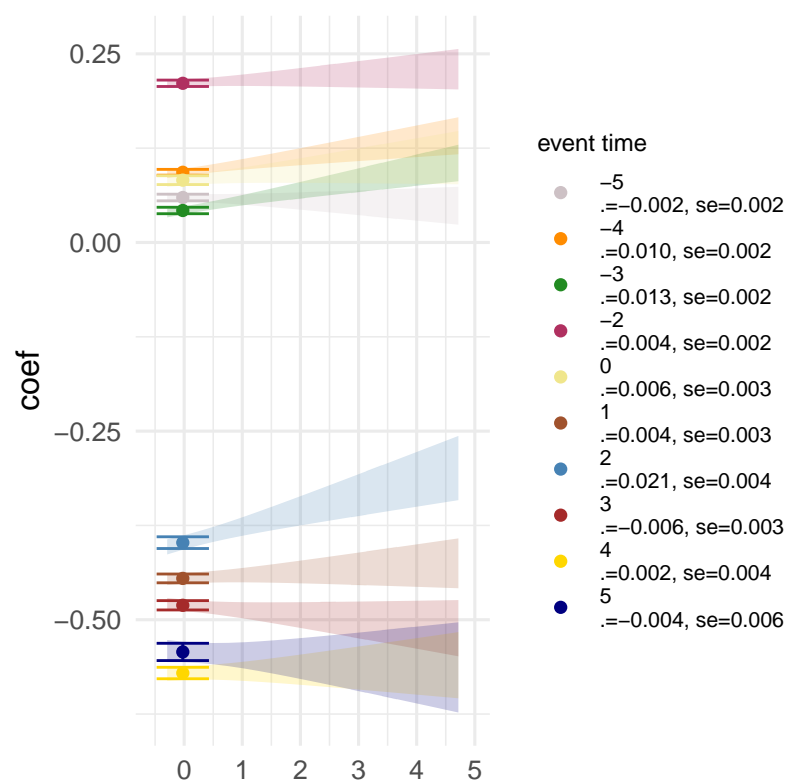
Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5, t
organizational_routines –> organized_assi
discussion_assignees –> mean_has_assig
Rank: 4, Importance: 0.0998

event time

- −5
  .=−0.002, se=0.002
- −4
  .=0.010, se=0.002
- −3
  .=0.013, se=0.002
- −2
  .=0.004, se=0.002
- 0
  .=0.006, se=0.003
- 1
  .=0.004, se=0.003
- 2
  .=0.021, se=0.004
- 3
  .=−0.006, se=0.003
- 4
  .=0.002, se=0.004
- 5
  .=−0.004, se=0.006

mean_has_assignee_mean (standardized, |z| <= 5)

event time

- −5
  .=−0.001, se=0.002
- −4
  .=0.004, se=0.002
- −3
  .=0.006, se=0.002
- −2
  .=0.008, se=0.003
- 0
  .=0.010, se=0.003
- 1
  .=−0.010, se=0.002
- 2
  .=0.012, se=0.003
- 3
  .=−0.008, se=0.003
- 4
  .=−0.010, se=0.003
- 5
  .=−0.023, se=0.004
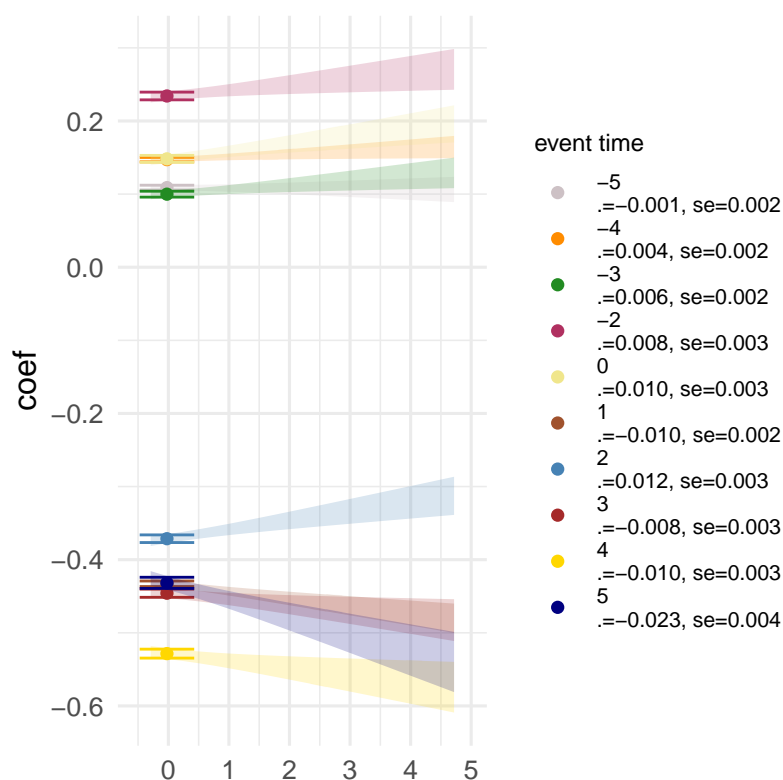
mean_has_assignee_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
organizational_routines –> organized_assignment
discussion_assignees –> mean_has_assignee
Rank: 12, Importance: 0.0257
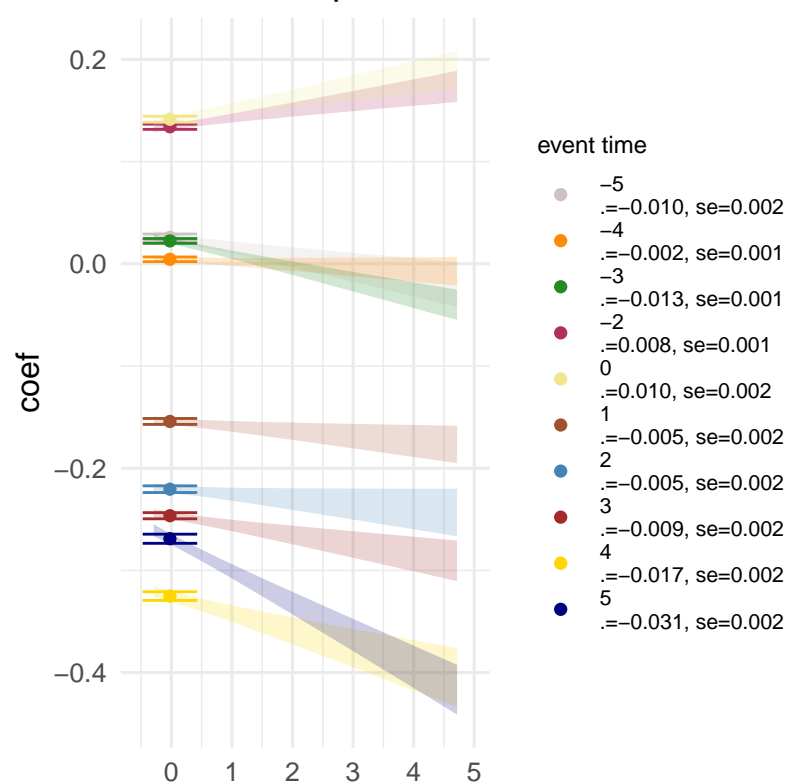
event time

- −5
  .=−0.010, se=0.002
- −4
  .=−0.002, se=0.001
- −3
  .=−0.013, se=0.001
- −2
  .=0.008, se=0.001
- 0
  .=0.010, se=0.002
- 1
  .=−0.005, se=0.002
- 2
  .=−0.005, se=0.002
- 3
  .=−0.009, se=0.002
- 4
  .=−0.017, se=0.002
- 5
  .=−0.031, se=0.002

mean_has_assignee_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy –> supervision
merged_with_review –> pct_merged_with_review
Rank: 9, Importance: 0.0547

event time
- −5
  .=−0.013, se=0.002
- −4
  .=0.003, se=0.001
- −3
  .=−0.006, se=0.001
- −2
  .=0.006, se=0.001
- 0
  .=0.002, se=0.002
- 1
  .=−0.021, se=0.002
- 2
  .=−0.017, se=0.002
- 3
  .=−0.027, se=0.002
- 4
  .=−0.043, se=0.002
- 5
  .=−0.022, se=0.002

erged_with_review_mean (standardized, |z| <= 5)
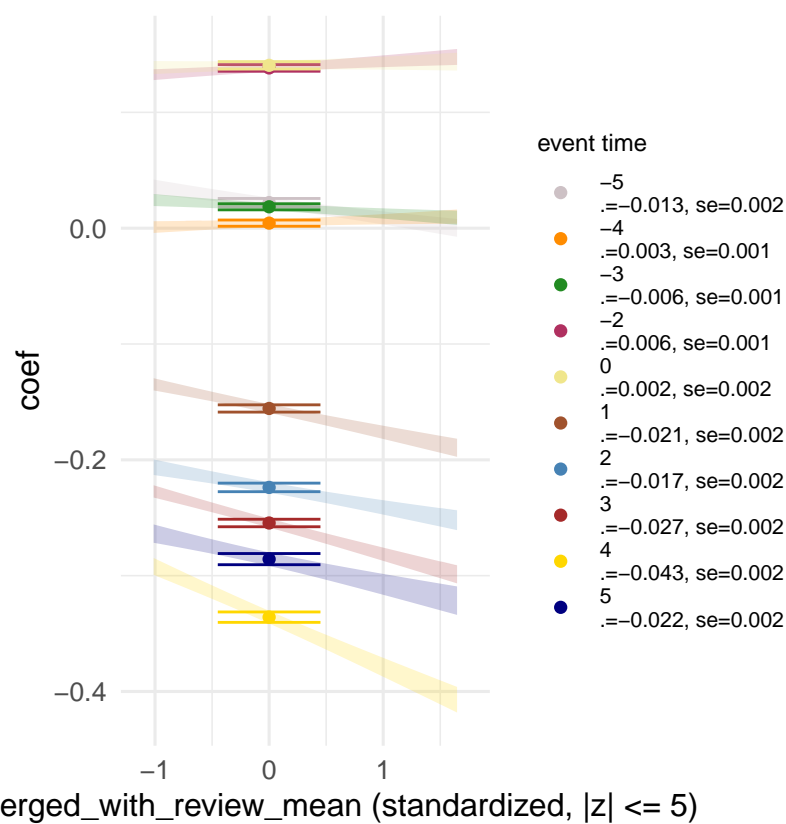
Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top05)
knowledge_redundancy −> collaboration
hhi −> proj_hhi_discussion_comment
Rank: 8, Importance: 0.0567

Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (ro
knowledge_redundancy −> collaboration
hhi −> proj_hhi_discussion_comment
Rank: 11, Importance: 0.0312

event time

−5	.=0.002, se=0.002
−4	.=0.018, se=0.002
−3	.=0.022, se=0.002
−2	.=0.033, se=0.002
0	.=0.030, se=0.002
1	.=0.047, se=0.002
2	.=0.056, se=0.002
3	.=0.039, se=0.002
4	.=0.031, se=0.002
5	.=0.049, se=0.005

event time

−5	.=−0.014, se=0.002
−4	.=−0.006, se=0.001
−3	.=0.006, se=0.001
−2	.=0.016, se=0.001
0	.=0.029, se=0.001
1	.=0.027, se=0.001
2	.=0.034, se=0.001
3	.=0.029, se=0.001
4	.=0.032, se=0.002
5	.=0.028, se=0.002

_discussion_comment_mean (standardized, |z| <= 5)   proj_hhi_discussion_comment_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment –> feedback
response_sentiment –> pos_sentiment_avg
Rank: 10, Importance: 0.0522

event time

- −5
  .=0.015, se=0.002
- −4
  .=0.000, se=0.002
- −3
  .=−0.018, se=0.002
- −2
  .=−0.019, se=0.002
- 0
  .=0.001, se=0.003
- 1
  .=−0.027, se=0.003
- 2
  .=−0.060, se=0.004
- 3
  .=−0.013, se=0.003
- 4
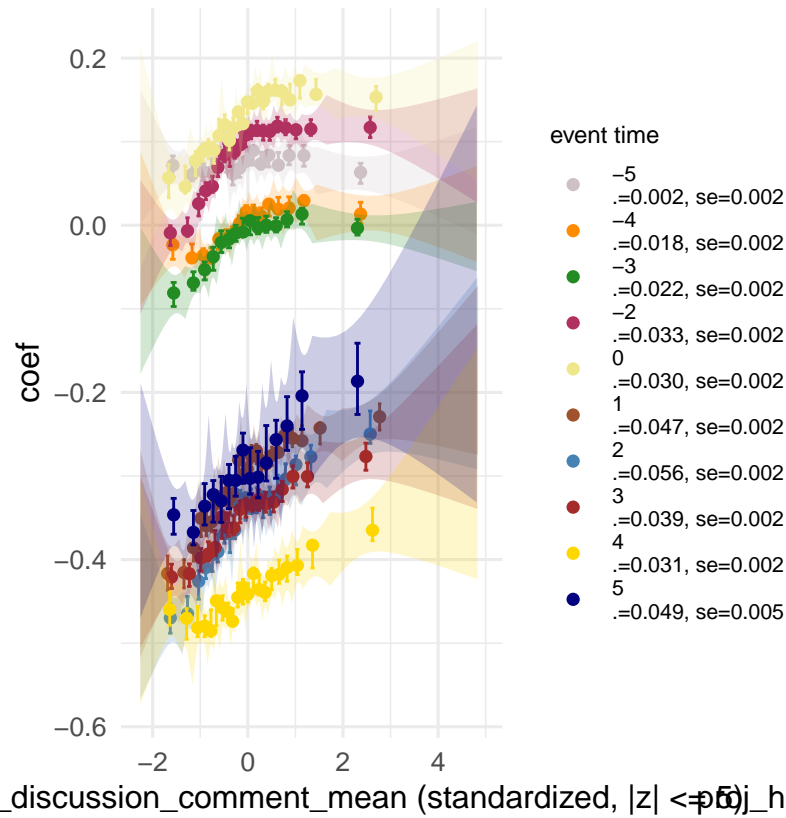 .=0.005, se=0.004
- 5
  .=0.048, se=0.006

coef

_sentiment_avg_mean (standardized, |z| <= 5)

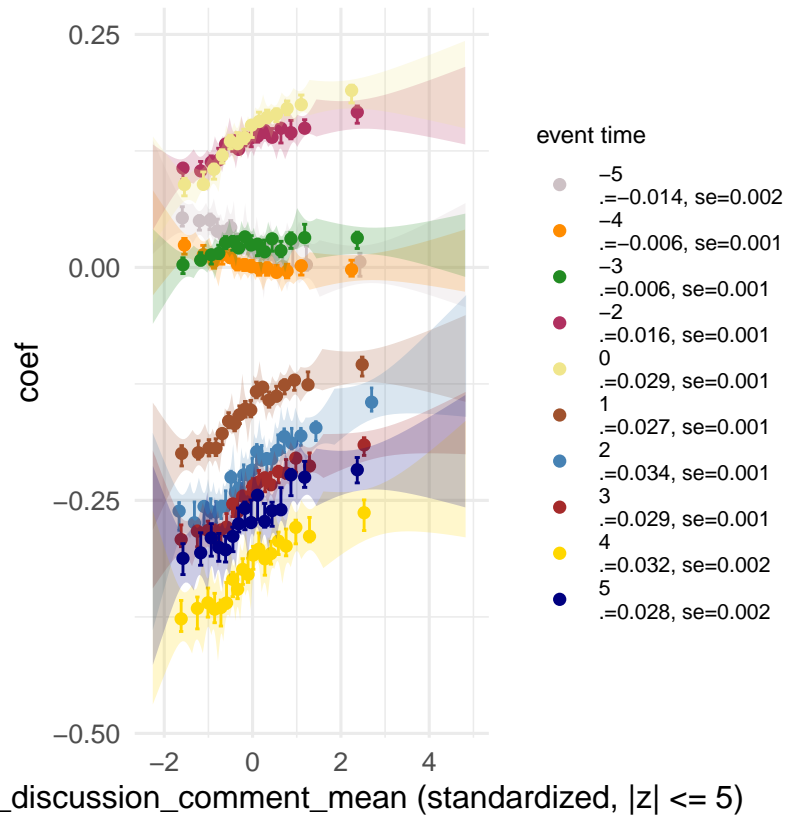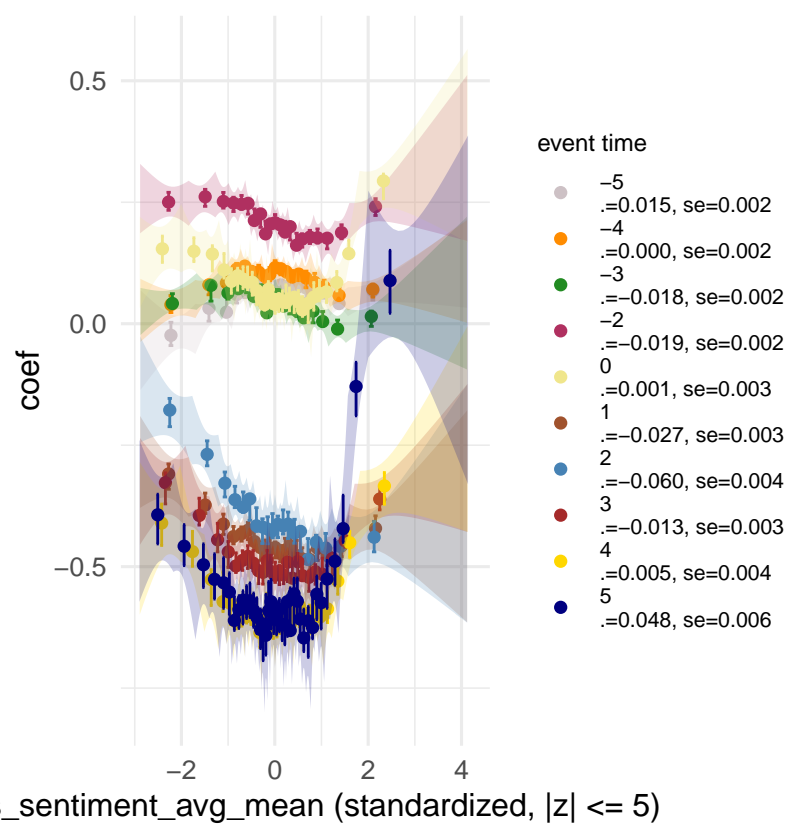Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy –> collaboration
problem_hhi –> proj_prob_hhi_issue_comment
Rank: 10, Importance: 0.0498
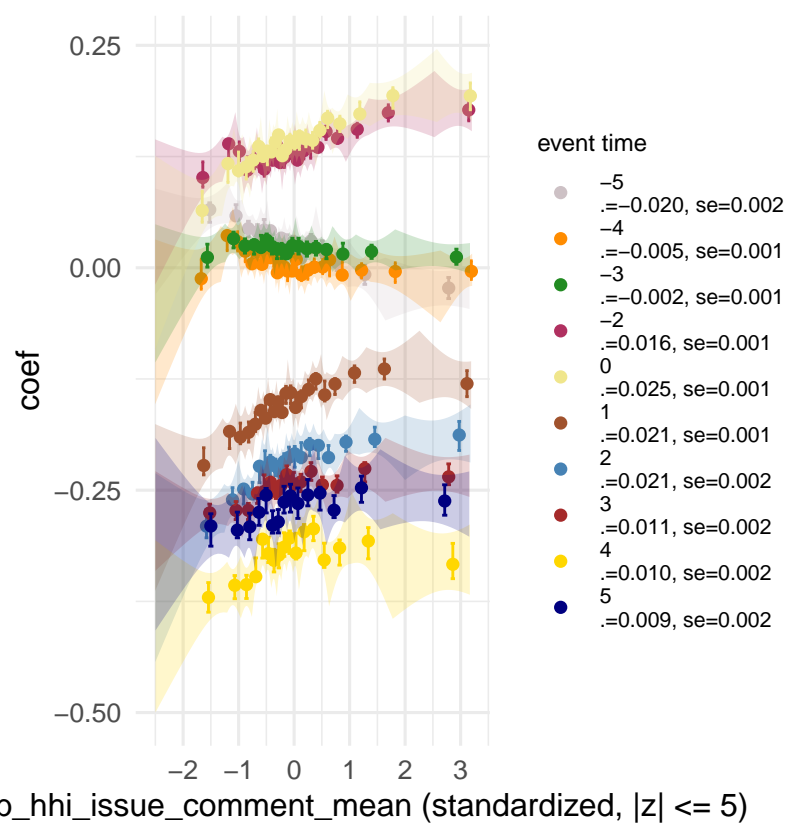
event time

- −5
  .=−0.020, se=0.002
- −4
  .=−0.005, se=0.001
- −3
  .=−0.002, se=0.001
- −2
  .=0.016, se=0.001
- 0
  .=0.025, se=0.001
- 1
  .=0.021, se=0.001
- 2
  .=0.021, se=0.002
- 3
  .=0.011, se=0.002
- 4
  .=0.010, se=0.002
- 5
  .=0.009, se=0.002

o_hhi_issue_comment_mean (standardized, |z| <= 5)

Binscatter of Event-study Coefficients
Outcome: pull_request_opened (rolling5, top15)
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
Rank: 13, Importance: 0.0275
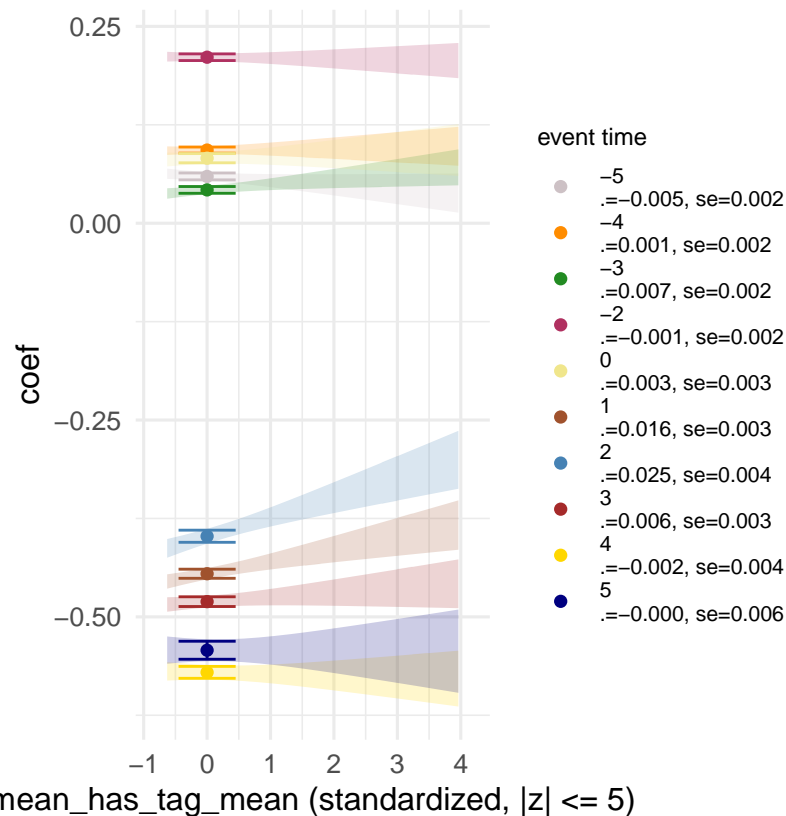
event time
- −5 .=−0.005, se=0.002
- −4 .=0.001, se=0.002
- −3 .=0.007, se=0.002
- −2 .=−0.001, se=0.002
- 0 .=0.003, se=0.003
- 1 .=0.016, se=0.003
- 2 .=0.025, se=0.004
- 3 .=0.006, se=0.003
- 4 .=−0.002, se=0.004
- 5 .=−0.000, se=0.006

mean_has_tag_mean (standardized, |z| <= 5)

Binscatter of Event-study Coefficients
Outcome: pull_request_merged (rolling5, t
organizational_routines -> organized_assi
discussion_labels -> mean_has_tag
Rank: 11, Importance: 0.0294
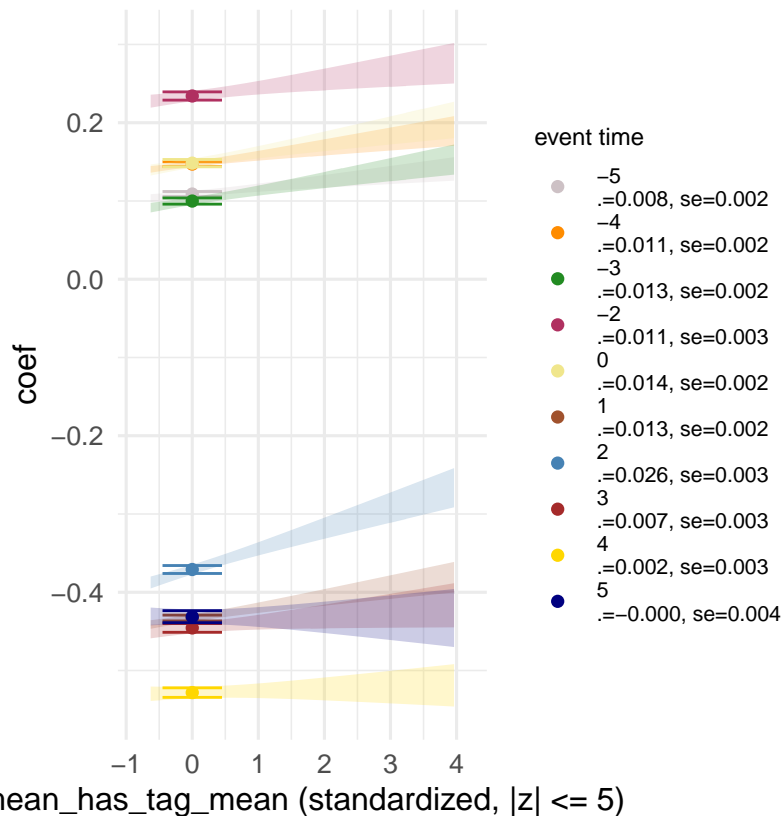
event time
- −5 .=0.008, se=0.002
- −4 .=0.011, se=0.002
- −3 .=0.013, se=0.002
- −2 .=0.011, se=0.003
- 0 .=0.014, se=0.002
- 1 .=0.013, se=0.002
- 2 .=0.026, se=0.003
- 3 .=0.007, se=0.003
- 4 .=0.002, se=0.003
- 5 .=−0.000, se=0.004

mean_has_tag_mean (standardized, |z| <= 5)

Binscatter of Event-study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
organizational_routines -> organized_assignment
discussion_labels -> mean_has_tag
Rank: 14, Importance: 0.0105

event time
- −5 .=−0.000, se=0.002
- −4 .=0.006, se=0.002
- −3 .=−0.008, se=0.002
- −2 .=0.001, se=0.002
- 0 .=−0.001, se=0.002
- 1 .=0.004, se=0.002
- 2 .=0.007, se=0.003
- 3 .=−0.004, se=0.002
- 4 .=0.008, se=0.002
- 5 .=−0.003, se=0.005

mean_has_tag_mean (standardized, |z| <= 5)

Binscatter of Event-study Coefficients
Outcome: major_minor_release_count (rol
organizational_routines -> organized_assi
discussion_labels -> mean_has_tag
Rank: 7, Importance: 0.0619
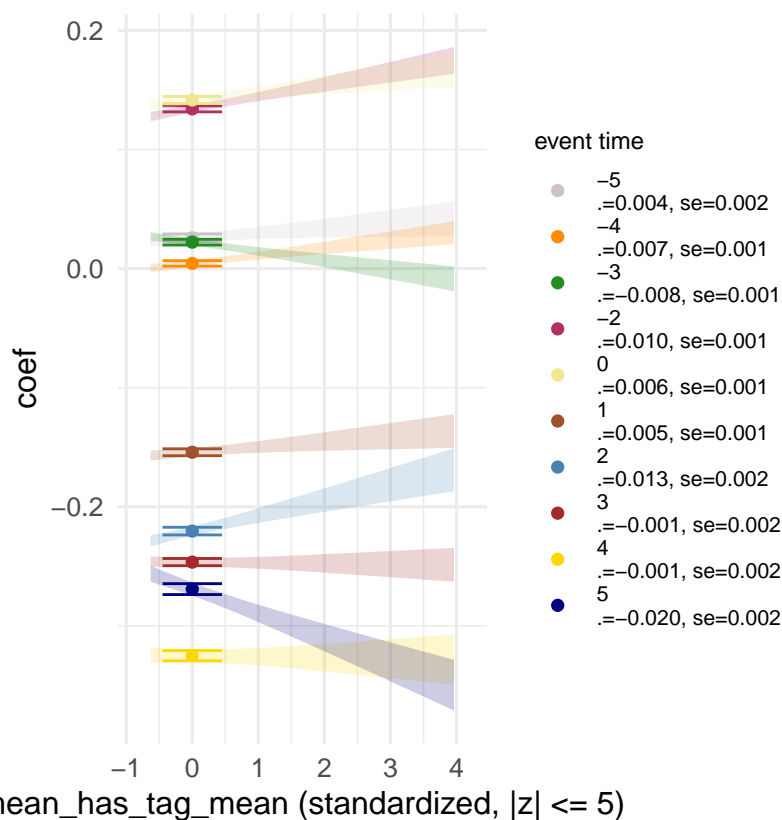
event time
- −5 .=0.004, se=0.002
- −4 .=0.007, se=0.001
- −3 .=−0.008, se=0.001
- −2 .=0.010, se=0.001
- 0 .=0.006, se=0.001
- 1 .=0.005, se=0.001
- 2 .=0.013, se=0.002
- 3 .=−0.001, se=0.002
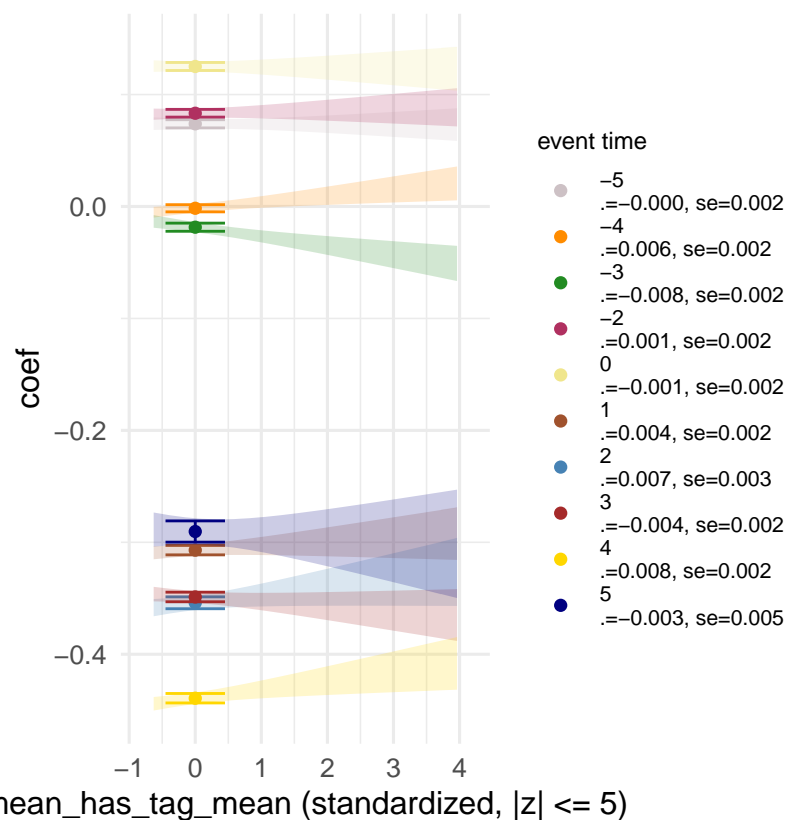- 4 .=−0.001, se=0.002
- 5 .=−0.020, se=0.002

mean_has_tag_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
talent_investment –> growth_opportunity
merge_review_pr –> any_activity_rate_weighted
Rank: 15, Importance: 0.0112

event time
- −5 .=−0.044, se=0.003
- −4 .=−0.013, se=0.003
- −3 .=0.011, se=0.003
- −2 .=0.051, se=0.003
- 0 .=0.069, se=0.004
- 1 .=0.026, se=0.004
- 2 .=0.066, se=0.006
- 3 .=0.020, se=0.005
- 4 .=0.017, se=0.006
- 5 .=−0.013, se=0.008

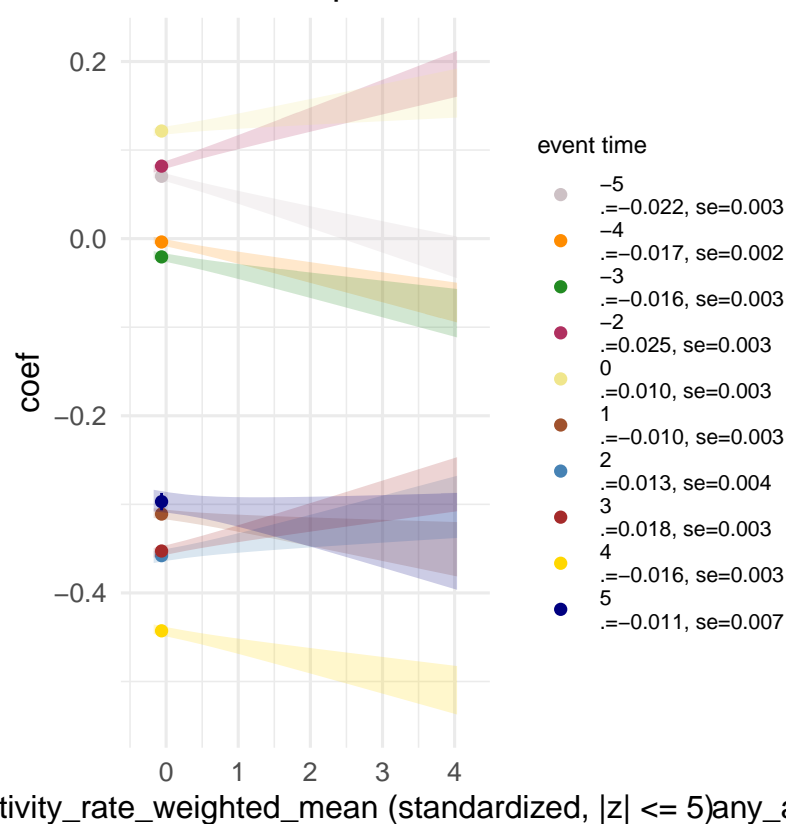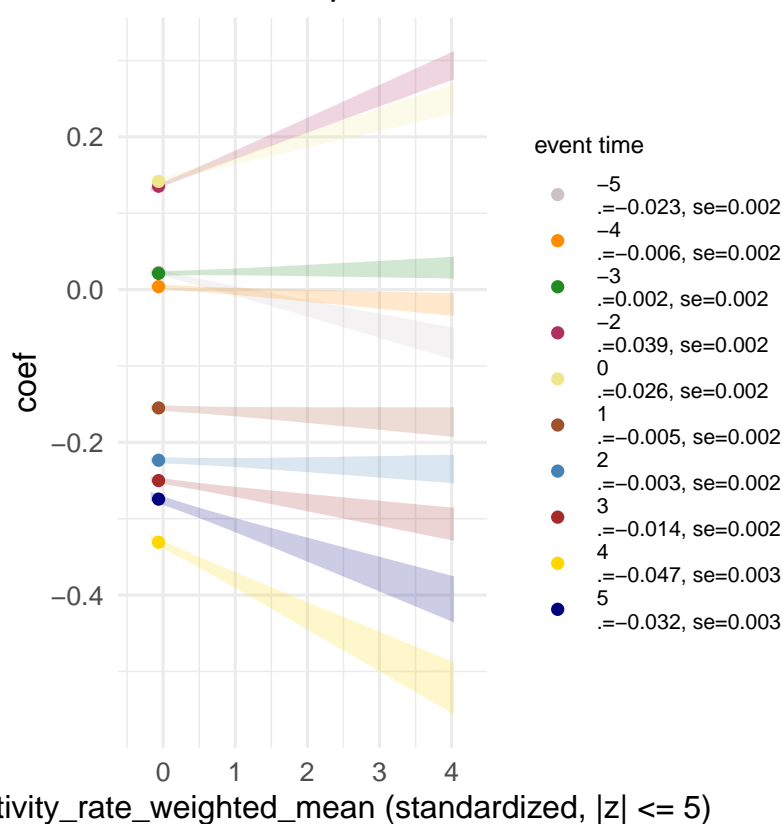any_activity_rate_weighted_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5, t
talent_investment –> growth_opportunity
merge_review_pr –> any_activity_rate_we
Rank: 15, Importance: 0.00747

event time
- −5 .=−0.028, se=0.002
- −4 .=−0.018, se=0.002
- −3 .=0.007, se=0.003
- −2 .=0.050, se=0.004
- 0 .=0.041, se=0.003
- 1 .=−0.005, se=0.003
- 2 .=0.018, se=0.004
- 3 .=−0.004, se=0.004
- 4 .=−0.047, se=0.005
- 5 .=−0.064, se=0.006

any_activity_rate_weighted_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
talent_investment –> growth_opportunity
merge_review_pr –> any_activity_rate_weighted
Rank: 12, Importance: 0.0134

event time
- −5 .=−0.022, se=0.003
- −4 .=−0.017, se=0.002
- −3 .=−0.016, se=0.003
- −2 .=0.025, se=0.003
- 0 .=0.010, se=0.003
- 1 .=−0.010, se=0.003
- 2 .=0.013, se=0.004
- 3 .=0.018, se=0.003
- 4 .=−0.016, se=0.003
- 5 .=−0.011, se=0.007

any_activity_rate_weighted_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (rol
talent_investment –> growth_opportunity
merge_review_pr –> any_activity_rate_we
Rank: 13, Importance: 0.0207

event time
- −5 .=−0.023, se=0.002
- −4 .=−0.006, se=0.002
- −3 .=0.002, se=0.002
- −2 .=0.039, se=0.002
- 0 .=0.026, se=0.002
- 1 .=−0.005, se=0.002
- 2 .=−0.003, se=0.002
- 3 .=−0.014, se=0.002
- 4 .=−0.047, se=0.003
- 5 .=−0.032, se=0.003

any_activity_rate_weighted_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: pull_request_merged (rolling5, top15)
knowledge_redundancy –> broad_expertise
activity_diversity_count –> avg_unique_types
Rank: 14, Importance: 0.0188
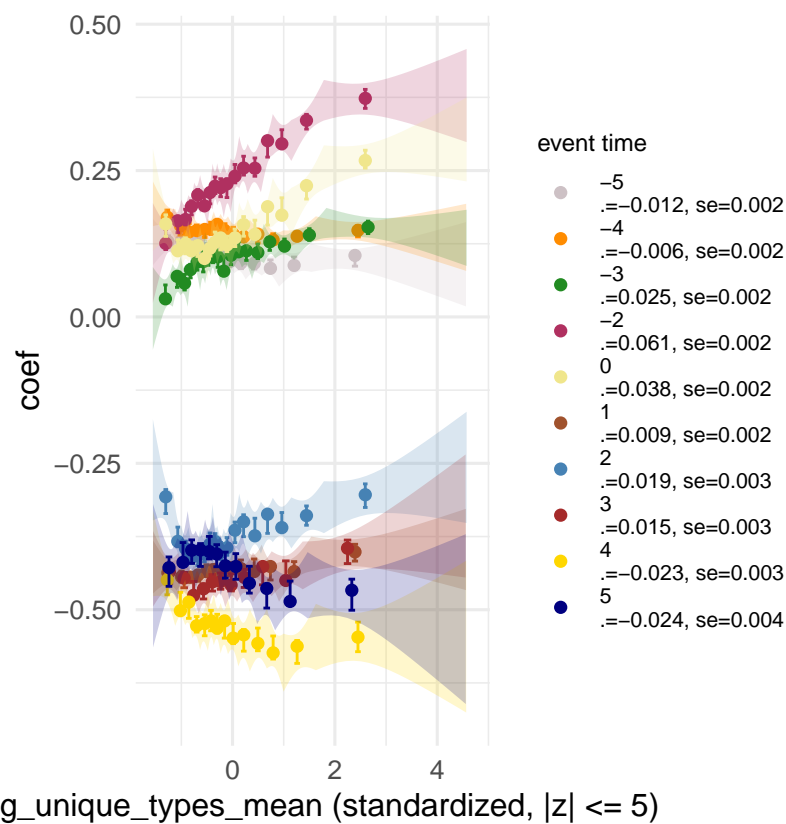
event time

- −5
  .=−0.012, se=0.002
- −4
  .=−0.006, se=0.002
- −3
  .=0.025, se=0.002
- −2
  .=0.061, se=0.002
- 0
  .=0.038, se=0.002
- 1
  .=0.009, se=0.002
- 2
  .=0.019, se=0.003
- 3
  .=0.015, se=0.003
- 4
  .=−0.023, se=0.003
- 5
  .=−0.024, se=0.004

g_unique_types_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: pull_request_opened (rolling5, top15)
organizational_routines −> organized_assignment
pr_reviewers −> mean_has_reviewer
Rank: 14, Importance: 0.0272

event time
- −5
  .=−0.009, se=0.002
- −4
  .=0.010, se=0.002
- −3
  .=0.018, se=0.002
- −2
  .=0.027, se=0.002
- 0
  .=0.021, se=0.003
- 1
  .=0.012, se=0.003
- 2
  .=0.023, se=0.004
- 3
  .=−0.010, se=0.003
- 4
  .=−0.010, se=0.004
- 5
  .=−0.005, se=0.006

mean_has_reviewer_mean (standardized, |z| <= 5)
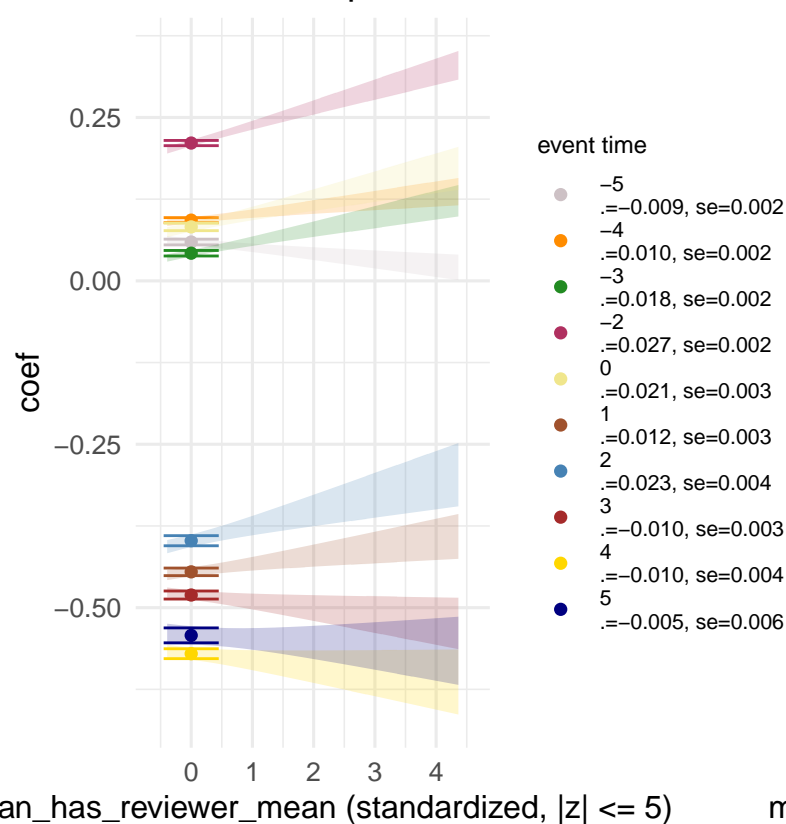
Binscatter of Event−study Coefficients
Outcome: pull_request_merged (rolling5,
organizational_routines −> organized_ass
pr_reviewers −> mean_has_reviewer
Rank: 13, Importance: 0.0206
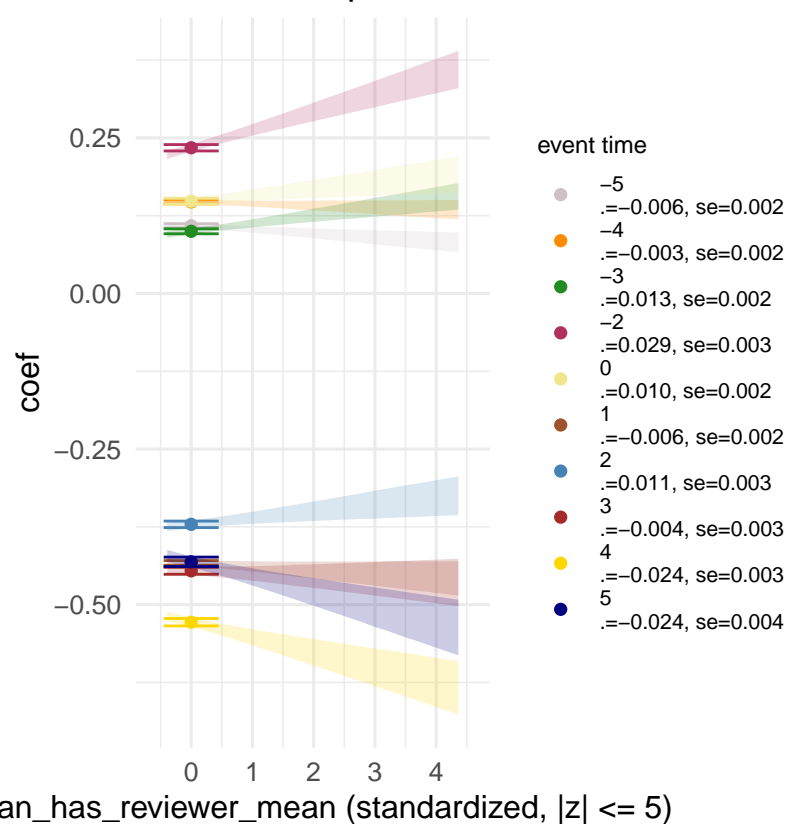
event time
- −5
  .=−0.006, se=0.002
- −4
  .=−0.003, se=0.002
- −3
  .=0.013, se=0.002
- −2
  .=0.029, se=0.003
- 0
  .=0.010, se=0.002
- 1
  .=−0.006, se=0.002
- 2
  .=0.011, se=0.003
- 3
  .=−0.004, se=0.003
- 4
  .=−0.024, se=0.003
- 5
  .=−0.024, se=0.004

mean_has_reviewer_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: overall_new_release_count (rolling5, top15)
organizational_routines −> organized_assignment
pr_reviewers −> mean_has_reviewer
Rank: 15, Importance: 0.0064

event time
- −5
  .=−0.013, se=0.002
- −4
  .=−0.009, se=0.002
- −3
  .=−0.017, se=0.002
- −2
  .=−0.005, se=0.002
- 0
  .=−0.009, se=0.002
- 1
  .=−0.025, se=0.002
- 2
  .=−0.019, se=0.003
- 3
  .=−0.013, se=0.002
- 4
  .=−0.019, se=0.002
- 5
  .=−0.016, se=0.005

mean_has_reviewer_mean (standardized, |z| <= 5)

Binscatter of Event−study Coefficients
Outcome: major_minor_release_count (rol
organizational_routines −> organized_assi
pr_reviewers −> mean_has_reviewer
Rank: 14, Importance: 0.0192

event time
- −5
  .=−0.021, se=0.002
- −4
  .=−0.004, se=0.001
- −3
  .=−0.012, se=0.001
- −2
  .=0.009, se=0.001
- 0
  .=0.001, se=0.001
- 1
  .=−0.019, se=0.001
- 2
  .=−0.016, se=0.002
- 3
  .=−0.026, se=0.001
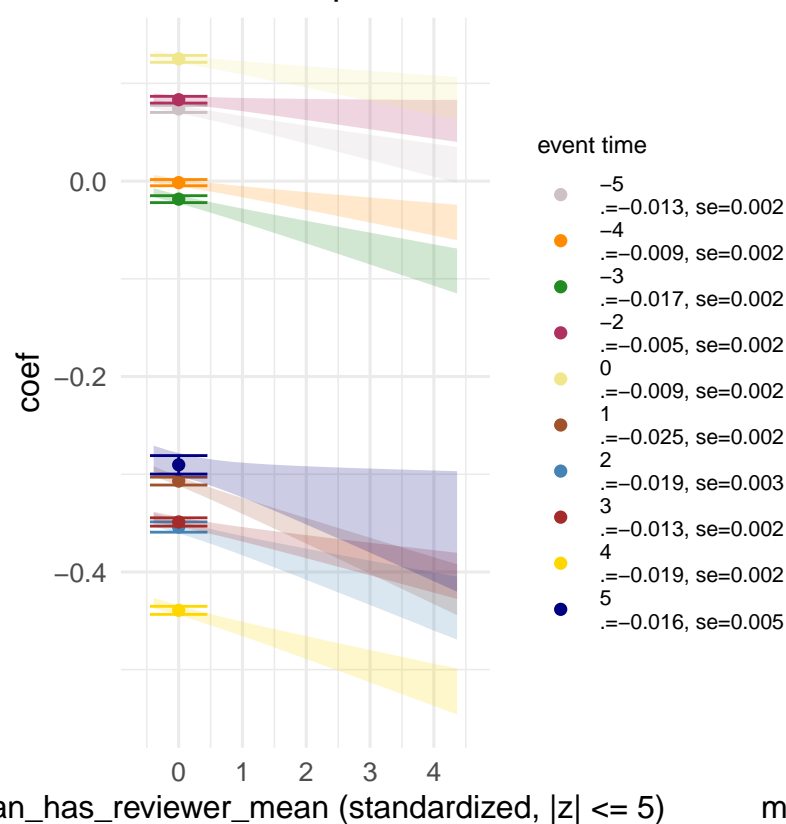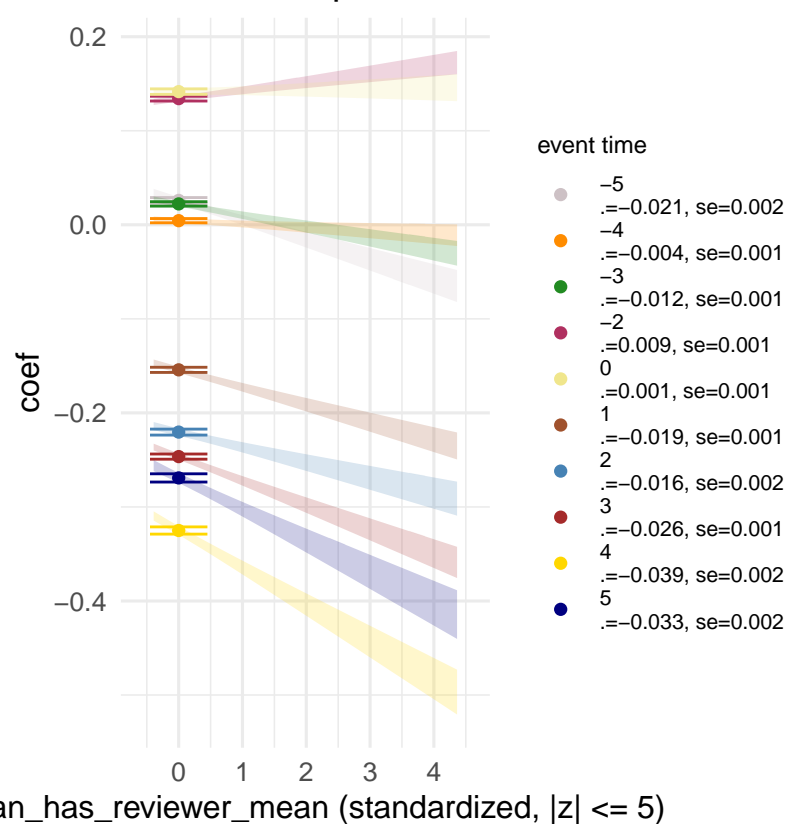- 4
  .=−0.039, se=0.002
- 5
  .=−0.033, se=0.002

mean_has_reviewer_mean (standardized, |z| <= 5)

Binscatter of Event–study Coefficients
Outcome: major_minor_release_count (rolling5, top15)
knowledge_redundancy –> collaboration
problem_hhi –> proj_prob_hhi_pull_request_review
Rank: 15, Importance: 0.00832

event time

- −5
  .=0.001, se=0.002
- −4
  .=−0.006, se=0.001
- −3
  .=0.002, se=0.001
- −2
  .=−0.004, se=0.002
- 0
  .=0.009, se=0.002
- 1
  .=0.017, se=0.002
- 2
  .=0.017, se=0.002
- 3
  .=0.018, se=0.002
- 4
  .=0.031, se=0.003
- 5
  .=0.034, se=0.003

coef

hhi_pull_request_review_mean (standardized, |z| <= 5)