

Table 1: the statistics of experiment projects.

| project name | number of prs | percentage of the prs containing issue report ids | median number of active reviewers for each pr |
|---|---------------|--|--|
| acemod_ACE3 | 3625 | 0.211862069 | 64 |
| adobe_brackets | 5275 | 0.375924171 | 52 |
| akka_akka | 7500 | 0.312666667 | 64 |
| alphagov_govuk-puppet | 4523 | 0.008180411 | 70 |
| angular_angular | 10214 | 0.270315254 | 189 |
| ArduPilot_ardupilot | 5800 | 0.072586207 | 90 |
| aspnet_EntityFramework | 4450 | 0.453483146 | 48 |
| aspnet_Mvc | 3423 | 0.371311715 | 49 |
| atom_atom | 4025 | 0.340124224 | 89 |
| Automattic_jetpack | 6075 | 0.297777778 | 103 |
| Azure_azure-content | 8772 | 0.016529868 | 376 |
| CartoDB_cartodb | 6300 | 0.529365079 | 43 |
| cfpb_cfgov-refresh | 4150 | 0.044819277 | 39 |
| chapel_lang_chapel | 9149 | 0.09859001 | 30 |
| chef_chef | 5474 | 0.120569967 | 112 |
| cisco_openh264 | 2475 | 0.017777778 | 18 |
| cms-sw_cmsdist | 3850 | 0.052467532 | 45 |
| department-of-veterans-affairs_vets-website | 7072 | 0.271634615 | 77 |
| diaspora_diaspora | 3350 | 0.264477612 | 88 |
| docker_docker | 19166 | 0.26343525 | 491 |
| DynamoDS_Dynamo | 6449 | 0.106838269 | 32 |
| eclipse_che | 5424 | 0.530051622 | 51 |
| EFForg_https-everywhere | 13650 | 0.10967033 | 50 |
| elastic_kibana | 13600 | 0.265735294 | 118 |
| elastic_logstash | 5100 | 0.221960784 | 68 |
| Elgg_Elgg | 4375 | 0.336457143 | 26 |
| emberjs_data | 3224 | 0.200682382 | 187 |
| emberjs_ember.js | 7623 | 0.204250295 | 219 |
| emberjs_website | 2975 | 0.078991597 | 63 |
| facebook_react-native | 7325 | 0.19003413 | 420 |
| galaxyproject_galaxy | 4550 | 0.206593407 | 44 |
| gocd_gocd | 2885 | 0.11507799 | 42 |
| gradle_gradle | 4100 | 0.265609756 | 57 |
| greenplum-db_gpdb | 5375 | 0.048 | 109 |
| grpc_grpc | 9664 | 0.212748344 | 88 |
| guardian_frontend | 19149 | 0.016554389 | 112 |
| hashicorp_terraform | 8173 | 0.299033403 | 269 |
| hazelcast_hazelcast | 8850 | 0.311977401 | 49 |
| ipython_ipython | 5525 | 0.338823529 | 92 |
| JabRef_jabref | 2475 | 0.309090909 | 21 |
| jquery_jquery | 2375 | 0.145263158 | 66 |
| jquery_jquery-mobile | 2150 | 0.313023256 | 69 |
| JuliaLang_julia | 14221 | 0.285352647 | 218 |
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Table 1 – continued from previous page

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|-------------------------------------|---------------|--|--|
| KSP-CKAN_NetKAN | 5389 | 0.05771015 | 50 |
| learningequality_ka-lite | 2650 | 0.386415094 | 25 |
| mamedev_mame | 3699 | 0.00486618 | 59 |
| mantidproject_mantid | 6550 | 0.645801527 | 47 |
| mapbox_mapbox-gl-native | 6321 | 0.461477614 | 59 |
| meteor_meteor | 2399 | 0.300541892 | 105 |
| Microsoft_TypeScript | 8498 | 0.522358202 | 121 |
| Microsoft_vscode | 4124 | 0.524490786 | 62 |
| Microsoft_vsts-tasks | 5650 | 0.033097345 | 109 |
| minetest_minetest | 3950 | 0.215443038 | 132 |
| molgenis_molgenis | 5200 | 0.045769231 | 18 |
| mozilla_addons-server | 5900 | 0.382542373 | 48 |
| mozilla_fxa-content-server | 3299 | 0.598060018 | 29 |
| neo4j_neo4j | 9600 | 0.026145833 | 61 |
| nextcloud_server | 6220 | 0.253536977 | 96 |
| ocaml_opam-repository | 12199 | 0.046397246 | 88 |
| odoo_odoo | 16690 | 0.069562612 | 290 |
| openlayers_ol3 | 5525 | 0.21158371 | 54 |
| OpenRA_OpenRA | 6211 | 0.333923684 | 75 |
| palantir_atlasdb | 2675 | 0.131214953 | 41 |
| pingcap_tidb | 6297 | 0.161505479 | 40 |
| PrestaShop_PrestaShop | 9545 | 0.024096386 | 92 |
| rapid7_metasploit-framework | 200 | 0.11 | 20 |
| realm_realm-java | 2598 | 0.25134719 | 32 |
| RIOT-OS_RIOT | 8000 | 0.155375 | 70 |
| SatelliteQE_robottelo | 4100 | 0.225121951 | 23 |
| scikit-learn_scikit-learn | 6324 | 0.399905123 | 102 |
| scipy_scipy | 4175 | 0.316407186 | 67 |
| SciTools_iris | 2200 | 0.14 | 25 |
| silverstripe_silverstripe-framework | 5750 | 0.177913043 | 80 |
| spree_spree | 5448 | 0.126651982 | 100 |
| vmware_vic | 3750 | 0.4944 | 34 |
| wordpress-mobile_WordPress-iOS | 5496 | 0.594432314 | 34 |
| xbmc_xbmc | 14275 | 0.007845884 | 273 |
| Yeast_wordpress-seo | 3200 | 0.540625 | 27 |
| youtube_vitess | 3648 | 0.062225877 | 29 |
| zooniverse_Panoptes-Front-End | 2625 | 0.39847619 | 32 |
| zurb_foundation-sites | 3799 | 0.239273493 | 92 |