

Fig. 1: Rank vs technique

	project ranking																
actiontech-dble	17	16	15	2	8	3	6	5	7	4	9	10	12	13	14	1	11
alfasoftware-soapstone	17	16	15	13	5	12	11	10	9	7	8	2	1	6	4	3	14
apache-commons-io	16	10	1	8	9	7	11	2	5	12	6	3	4	13	14	15	17
apache-commons-lang	17	14	12	9	8	7	10	5	1	2	4	3	6	16	15	11	13
apache-sling-org-apache-sling-feature	17	16	14	13	6	12	5	11	3	10	4	1	2	9	8	7	15
asciidoctor-asciidoclet	16	14	13	15	6	12	5	9	3	10	2	8	1	7	4	-1	11
braintree-braintree-java	17	16	14	11	4	13	12	9	10	7	8	3	2	6	5	1	15
ChannelApe-shopify-sdk	17	16	14	8	4	6	10	11	3	2	9	7	5	13	12	1	15
contentful-contentful.java	17	16	14	12	2	9	10	6	7	5	8	3	1	13	11	4	15
datastax-native-protocol	17	16	12	14	3	11	8	13	6	9	7	2	1	10	5	4	15
davidmoten-rxjava2-file	17	16	14	12	7	8	5	4	3	6	2	9	1	11	10	13	15
davidmoten-rxjava-slf4j	16	8	7	17	6	14	13	11	10	12	9	3	2	5	4	1	15
devcon5io-mutation-analysis-plugin	16	15	11	13	6	12	5	9	3	8	4	2	1	10	7	-1	14
fsantiag-sonar-clojure	17	15	12	6	3	1	7	4	5	2	8	9	10	13	14	11	16
gabrie-allaigre-sonar-gitlab-plugin	17	16	15	11	7	8	10	3	5	2	4	9	6	12	13	1	14
googleapis-java-pubsub-group-kafka-connector	14	10	8	17	16	15	11	12	7	13	9	4	5	2	1	3	6
GoogleCloudPlatform-kafka-pubsub-emulator	17	16	13	11	5	8	9	6	4	7	3	2	1	14	12	10	15
google-compile-testing	17	15	14	13	11	12	10	9	5	8	6	3	2	7	4	1	16
imglib-imglib2	15	12	11	2	6	1	8	3	5	4	7	9	10	13	14	-1	16
jdbc-observations-datasource-proxy	16	15	13	8	1	6	10	5	9	2	7	4	3	12	11	-1	14
jmxtrans-embedded-jmxtrans	17	16	7	14	3	9	13	8	10	11	12	6	2	5	4	1	15
JodaOrg-joda-time	16	15	13	10	8	11	9	7	2	5	6	3	4	14	12	1	17
jscep-jscep	17	16	10	12	8	11	9	6	4	5	3	2	1	14	15	7	13
jsunsoftware-http-request	17	16	14	12	9	8	6	4	2	5	1	7	3	13	11	10	15
Mastercard-client-encryption-java	16	15	13	10	8	9	4	6	1	7	2	5	3	12	11	-1	14
mdewilde-opml-parser	14	10	8	17	3	16	9	15	6	13	7	11	2	4	1	5	12
meltmedia-jgroups-aws	16	6	5	14	7	12	10	13	8	11	9	4	3	2	1	-1	15
microfocus-idol-java-configuration-impl	16	15	14	13	9	12	7	10	6	11	5	3	1	8	2	4	17
mitre-HTTP-Proxy-Servlet	16	14	11	10	5	9	8	7	4	6	3	2	1	13	12	-1	15
Pablissimo-SonarTsPlugin	17	16	11	6	5	9	4	7	8	3	10	1	2	13	12	14	15
pagehelper-Mybatis-PageHelper	17	16	14	11	6	10	4	8	2	7	3	9	5	13	12	1	15
qoomon-banking-swift-messages-java	17	15	13	16	8	14	6	9	3	10	4	7	2	5	1	11	12
sailthru-sailthru-java-client	17	16	12	8	7	9	10	3	6	1	5	2	4	13	14	11	15
sblendorio-petscii-bbs	17	16	12	6	7	8	9	4	5	3	2	10	11	13	14	1	15
sigopt-sigopt-java	17	16	14	11	3	12	9	8	10	7	13	2	1	6	5	4	15
smartystreets-smartystreets-java-sdk	17	16	15	14	11	12	7	3	2	4	1	6	5	10	8	9	13
soot-oss-heros	16	13	7	15	5	14	12	11	8	10	9	3	2	4	1	6	17
square-javapoet	16	15	13	8	4	7	5	3	2	1	6	10	9	11	12	-1	14
studerw-td-ameritrade-client	17	16	14	13	4	12	9	10	7	11	8	3	1	6	5	2	15
timmolter-Yank	15	7	6	17	8	14	11	13	9	12	10	2	1	5	3	4	16
TNG-property-loader	17	8	6	15	7	13	14	9	12	11	10	1	2	5	4	3	16
valfirst-jbehave-junit-runner	17	16	14	13	5	10	6	8	4	7	3	2	1	11	9	12	15
vaulttec-sonar-auth-oidc	17	16	14	13	5	12	3	9	2	11	1	10	4	7	6	8	15
venushka-jmxeval	16	15	13	12	3	9	11	10	7	6	8	2	1	5	4	-1	14
visenze-visearch-sdk-java	17	16	12	2	5	4	1	3	6	9	8	11	10	14	13	7	15
walmartlabs-gozer	17	16	12	14	4	13	9	10	8	11	7	2	1	6	5	3	15
weswilliams-GivWenZen	15	14	6	11	5	8	13	10	9	12	7	4	2	3	1	-1	16
whizzosoftware-WZWave	17	15	7	14	4	11	10	8	13	12	9	2	1	6	5	3	16
	mop	ps <sub>1</sub>	ps <sub>2</sub>	UJ <sub>0</sub>	UJ <sub>1</sub>	UC <sub>0</sub>	UC <sub>1</sub>	UB <sub>0</sub>	UB <sub>1</sub>	UB <sub>2</sub>	UB <sub>3</sub>	AB <sub>0</sub>	AB <sub>1</sub>	AB <sub>2</sub>	AB <sub>3</sub>	ajc <sup>def</sup>	ajc <sup>one</sup>

Fig. 2: Project vs technique. Red indicates failure, and the numbers indicate the rank of the technique (1 is the fastest).

TABLE I: raw data for the best technique

project	best	agnostic	best	specific	$ps_1^c$	$ps_1^c$	$ps_3^{c\ell}$	$ps_3^{c\ell}$	agnostic	specific	$mop$	$mop$	$ps_1^c$	$ps_3^{c\ell}$	agnostic_t	specific_t	tRV_t	mop	sha
					agnostic	specific	agnostic	specific	tRV	tRV	agnostic	specific	agnostic	specific	agnostic	specific	agnostic	specific	sha
actiontech-dble	$UJ_o^s$	$ajc^{def}$	5.9	7.2	3.1	3.8	1.3	1.1	6.0	7.4	9105.3	4769.4	1540.4	1257.3	1152.0	9249.9	50.0		
alfasoftware-soapstone	$AB_h^{ps}$	$ajc^{def}$	9.2	7.3	5.3	4.2	1.3	1.7	12.0	9.5	4396.7	2533.5	480.2	604.8	357.3	5748.2	33.0		
apache-commons-io	$UB_o^s$	$ajc^{def}$	1.5	0.4	1.0	0.3	0.7	2.7	8.5	2.3	1053.7	684.6	686.7	2557.2	944.5	5834.5	20.0		
apache-commons-lang	$UB_o^s$	$ajc^{def}$	1.8	1.4	1.5	1.2	1.0	1.3	3.5	2.7	729.0	612.5	398.0	516.8	396.5	1401.6	20.0		
apache-sling-org-apache-sling-feature	$AB_{ss}^s$	$ajc^{def}$	8.8	6.0	4.9	3.4	1.8	2.6	12.3	8.5	2355.9	1307.4	269.0	390.1	149.5	3316.5	36.0		
asciidoctor-asciidoclet	$AB_{hs}^s$	$ajc^{one}$	5.4	1.7	3.6	1.1	2.8	8.8	8.2	2.6	2054.4	1371.6	381.5	1212.4	137.8	3136.7	25.0		
braintree-braintree-java	$AB_{hs}^{ps}$	$ajc^{def}$	6.2	8.3	2.1	2.8	2.8	2.1	8.0	10.6	2873.6	983.4	462.1	346.5	165.6	3688.0	50.0		
ChannelApe-shopify-sdk	$UB_{hs}^s$	$ajc^{def}$	4.9	4.9	1.8	1.9	1.4	1.4	6.6	6.7	3729.4	1407.0	766.2	755.2	557.8	5094.1	50.0		
contentful-contentfuljava	$AB_{hs}^s$	$ajc^{def}$	6.0	4.9	2.5	2.0	1.6	1.9	8.8	7.2	3356.8	1396.9	560.2	689.5	355.4	4947.9	50.0		
datastax-native-protocol	$AB_{hs}^{ps}$	$ajc^{def}$	5.8	4.5	1.8	1.4	1.3	1.7	10.3	8.0	1967.8	624.3	341.6	440.9	253.8	3528.2	50.0		
davidmoten-rxjava2-file	$AB_{hs}^s$	$ajc^{def}$	7.0	4.3	2.3	1.4	1.8	2.9	7.2	4.4	1981.5	648.3	283.3	459.0	158.5	2037.9	32.0		
davidmoten-rxjava-slf4j	$AB_{hs}^{ps}$	$ajc^{def}$	1.8	1.9	1.6	1.6	2.7	2.6	2.5	2.6	590.8	524.4	330.9	318.8	121.6	820.8	50.0		
devcon5io-mutation-analysis-plugin	$AB_{hs}^{ps}$	$ajc^{one}$	7.2	1.8	1.8	0.5	1.3	5.2	10.4	2.7	3795.7	951.0	526.8	2056.9	398.5	5467.5	50.0		
fsantiago-sonar-clojure	$UC_o^s$	$ajc^{def}$	3.6	2.6	1.5	1.1	1.6	2.2	5.5	4.1	78.5	33.0	21.9	29.7	13.7	120.5	8.0		
gabrie-allaire-sonar-gitlab-plugin	$UB_{hs}^s$	$ajc^{def}$	3.7	4.0	1.9	2.0	1.7	1.5	4.9	5.3	3626.8	1863.5	992.4	915.7	596.6	4850.6	50.0		
googleapis-java-pubsub-group-kafka-connector	$AB_{pd}^s$	$ajc^{def}$	6.0	3.6	5.5	3.3	3.0	5.1	8.0	4.8	1715.7	1570.0	284.8	477.4	94.1	2273.5	19.0		
GoogleCloudPlatform-kafka-pubsub-emulator	$AB_{hs}^s$	$ajc^{def}$	3.5	2.1	2.0	1.2	1.4	2.3	6.4	3.8	1060.8	625.9	305.4	511.0	220.3	1940.9	14.0		
google-compile-testing	$AB_{hs}^{ps}$	$ajc^{def}$	3.3	3.6	2.4	2.6	2.1	1.9	4.7	5.2	1653.7	1204.1	504.9	459.8	241.3	2380.1	50.0		
imglib-imglib2	$UC_o^s$	$ajc^{one}$	1.4	0.1	1.3	0.1	1.0	10.6	9.7	1.0	84.5	78.4	60.8	616.0	58.0	587.6	20.0		
jdbc-observations-datasource-proxy	$UJ_o^s$	$ajc^{one}$	5.7	1.9	2.0	0.6	1.3	3.9	9.7	3.2	3624.4	1247.7	632.8	1941.3	497.5	6164.0	50.0		
jmxtrans-embedded-jmxtrans	$AB_{hs}^{ps}$	$ajc^{def}$	6.6	8.3	2.0	2.5	2.4	1.9	8.0	10.1	2277.8	695.0	346.5	274.6	146.8	2781.8	50.0		
JodaOrg-joda-time	$UB_o^s$	$ajc^{def}$	3.0	4.1	2.1	2.9	1.1	0.8	5.1	7.0	1457.1	1024.3	483.4	354.8	458.2	2475.2	50.0		
jscep-jscep	$AB_{hs}^{ps}$	$ajc^{def}$	2.0	1.8	1.3	1.1	1.0	1.1	2.7	2.4	2188.0	1348.0	1074.6	1235.6	1086.5	2948.4	50.0		
jsunsoftware-http-request	$UB_o^s$	$ajc^{def}$	7.7	5.8	3.3	2.5	1.5	2.0	9.9	7.5	1904.0	813.6	247.1	327.7	166.9	2453.1	26.0		
Mastercard-client-encryption-java	$UB_o^s$	$ajc^{one}$	6.0	1.2	2.6	0.5	1.4	6.6	29.6	6.1	1641.0	709.4	273.1	1317.0	199.5	8085.9	50.0		
mdewilde-opml-parser	$AB_{pd}^s$	$ajc^{def}$	4.0	1.9	3.5	1.6	4.2	9.0	4.9	2.2	780.8	673.0	194.1	419.2	46.5	942.1	18.0		
melmedia-jgroups-aws	$AB_{pd}^s$	$ajc^{one}$	1.9	0.6	1.6	0.5	5.2	16.8	4.7	1.4	231.3	192.0	121.8	393.5	23.5	569.7	11.0		
microfocus-idol-java-configuration-impl	$AB_{hs}^{ps}$	$ajc^{def}$	2.6	2.0	1.8	1.4	2.5	3.2	6.8	5.5	315.7	216.3	123.4	154.5	48.4	843.3	24.0		
mitre-HTTP-Proxy-Servlet	$AB_{hs}^{ps}$	$ajc^{one}$	2.2	0.9	1.5	0.6	1.1	2.8	3.1	1.3	1464.9	1022.7	667.2	1635.5	588.8	2088.6	50.0		
Pablissimo-SonarTsPlugin	$AB_{hs}^{ss}$	$ajc^{def}$	9.5	5.1	1.5	0.8	1.1	2.1	15.9	8.5	429.6	70.2	45.4	84.9	41.1	723.1	10.0		
pagehelper-mybatis-PageHelper	$UB_o^s$	$ajc^{def}$	7.0	7.0	2.3	2.3	1.4	1.4	9.1	9.1	4138.4	1346.8	591.2	590.7	421.3	5385.4	50.0		
qoomon-banking-swift-messages-java	$AB_{pd}^s$	$ajc^{def}$	5.7	2.8	2.9	1.4	1.7	3.4	8.8	4.3	1308.8	655.8	227.6	462.4	134.5	1996.5	18.0		
sailthru-sailthru-java-client	$UB_{hs}^s$	$ajc^{def}$	10.4	7.8	1.4	1.1	1.4	1.8	19.3	14.4	1032.6	141.1	98.9	133.0	72.3	1912.5	22.0		
sblendorio-petscii-bbs	$UB_o^s$	$ajc^{def}$	13.1	13.8	1.3	1.3	1.6	1.5	17.0	18.0	4041.3	389.3	309.3	293.2	190.9	5271.4	50.0		
sigopt-sigopt-java	$AB_{hs}^{ps}$	$ajc^{def}$	9.9	6.9	2.6	1.8	1.4	2.0	14.3	10.0	2856.5	746.0	287.9	412.3	207.5	4103.4	50.0		
smartystreets-smartystreets-java-sdk	$UB_o^s$	$ajc^{def}$	17.8	11.6	6.7	4.4	1.6	2.5	27.3	17.8	1650.4	625.0	92.9	142.5	57.8	2533.2	20.0		
soot-oss-heros	$AB_{pd}^s$	$ajc^{def}$	3.4	2.2	2.5	1.6	3.2	4.9	4.4	2.9	310.9	229.6	92.0	142.5	28.8	406.4	13.0		
square-javapoet	$UB_o^s$	$ajc^{one}$	5.1	1.8	1.7	0.6	1.3	3.7	7.6	2.7	1010.2	334.2	199.9	570.3	154.7	1527.9	20.0		
studerw-td-ameritrade-client	$AB_{hs}^{ps}$	$ajc^{def}$	6.6	5.8	3.1	2.7	1.9	2.2	8.2	7.1	2673.7	1252.2	402.7	463.3	208.2	3311.4	50.0		
timmolter-Yank	$AB_{hs}^{ps}$	$ajc^{def}$	4.8	2.3	4.2	2.0	1.8	3.9	8.1	3.8	297.2	259.6	61.3	131.9	34.0	494.7	17.0		
TNG-property-loader	$AB_{ss}^{ss}$	$ajc^{def}$	2.4	1.7	1.8	1.3	1.5	2.1	4.3	3.1	95.9	72.7	39.3	55.3	25.9	169.6	15.0		
valfirst-jbehave-junit-runner	$AB_{hs}^{ps}$	$ajc^{def}$	6.4	3.6	2.0	1.1	1.3	2.4	11.6	6.5	939.1	298.5	146.4	263.6	108.9	1700.6	19.0		
vaulttec-sonar-auth-oidc	$UB_o^s$	$ajc^{def}$	3.4	2.1	2.8	1.7	2.1	3.4	16.1	9.9	651.6	531.6	193.2	313.7	92.5	3105.2	26.0		
venushka-jmxeval	$AB_{hs}^{ps}$	$ajc^{one}$	5.9	1.6	3.1	0.8	1.6	5.9	7.8	2.1	685.7	355.8	116.4	434.8	73.5	905.3	21.0		
visenze-visearch-sdk-java	$UC_o^s$	$ajc^{def}$	8.8	8.6	1.4	1.4	1.3	1.3	13.9	13.5	2931.2	481.2	332.7	340.2	253.8	4608.2	50.0		
walmartlabs-gozer	$AB_{hs}^{ps}$	$ajc^{def}$	4.5	4.1	1.8	1.7	1.7	1.8	7.9	7.3	2065.2	834.9	461.5	497.8	279.1	3623.1	50.0		
weswilliams-GivWenZen	$AB_{pd}^s$	$ajc^{one}$	3.0	0.8	1.8	0.5	2.8	10.7	3.8	1.0	559.6	328.4	184.4	712.9	66.5	693.1	20.0		
whizzosoftware-WZWave	$AB_{hs}^{ps}$	$ajc^{def}$	3.2	3.0	1.9	1.8	2.0	2.1	4.3	4.1	739.1	434.1	234.1	242.6	117.8	1000.5	50.0		
MAX			17.8	13.8	6.7	4.4	5.2	16.8	29.6	18.0	9105.3	4769.4	1540.4	2557.2	1152.0	9249.9	50.0		
MIN			1.4	0.1	1.0	0.1	0.7	0.8	2.5	1.0	78.5	33.0	21.9	29.7	13.7	120.5	8.0		
AVG			5.5	4.0	2.4	1.7	1.8	3.5	9.1	6.1	1885.7	844.1	364.1	603.3	254.3	2901.0	33.9		
MED			5.6	3.3	2.0	1.4	1.6	2.3	8.0	5.2	1645.7	664.4	296.7	450.0	162.0	2464.2	32.5		
SUM											90512.4	40518.2	17478.3	28956.2	12204.4	139248.6	1627.0		

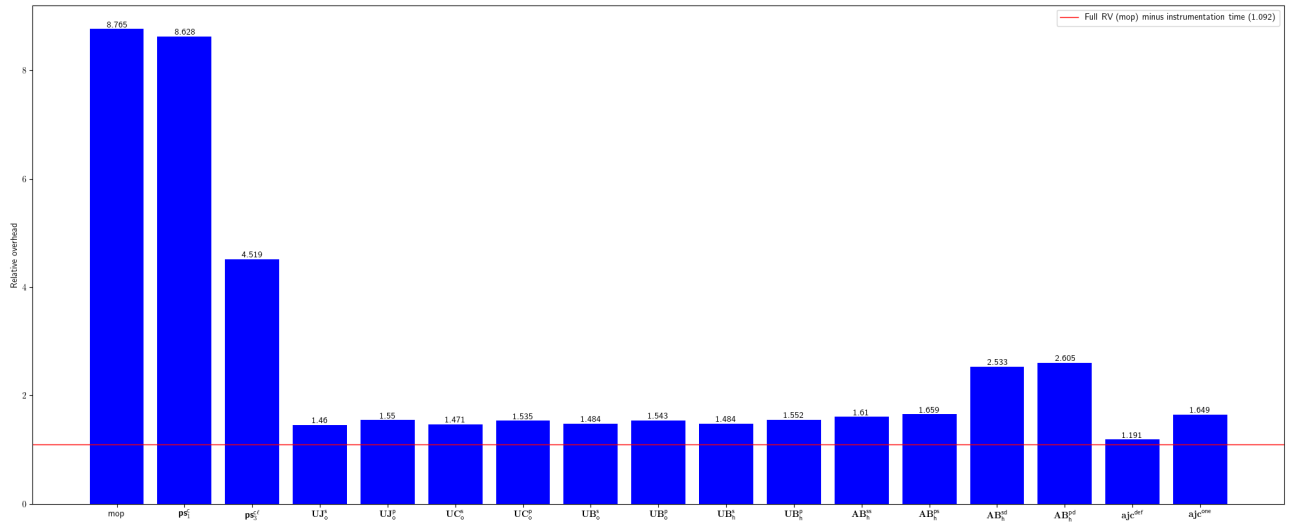


Fig. 3: Relative overhead for actiontech-dble

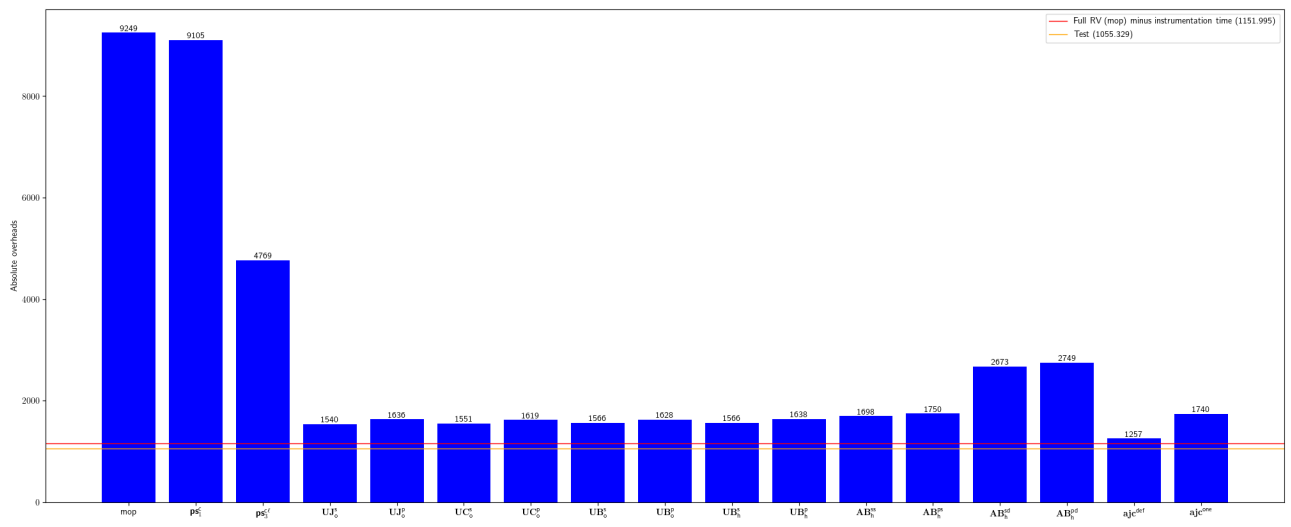


Fig. 4: Absolute overhead for actiontech-dble

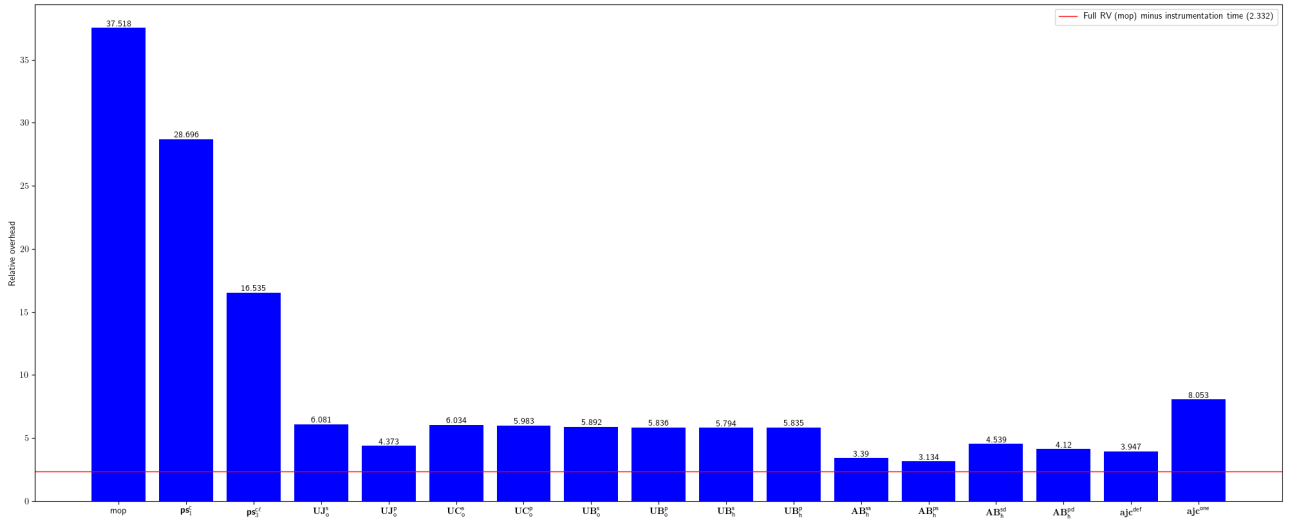


Fig. 5: Relative overhead for alfasoftware-soapstone

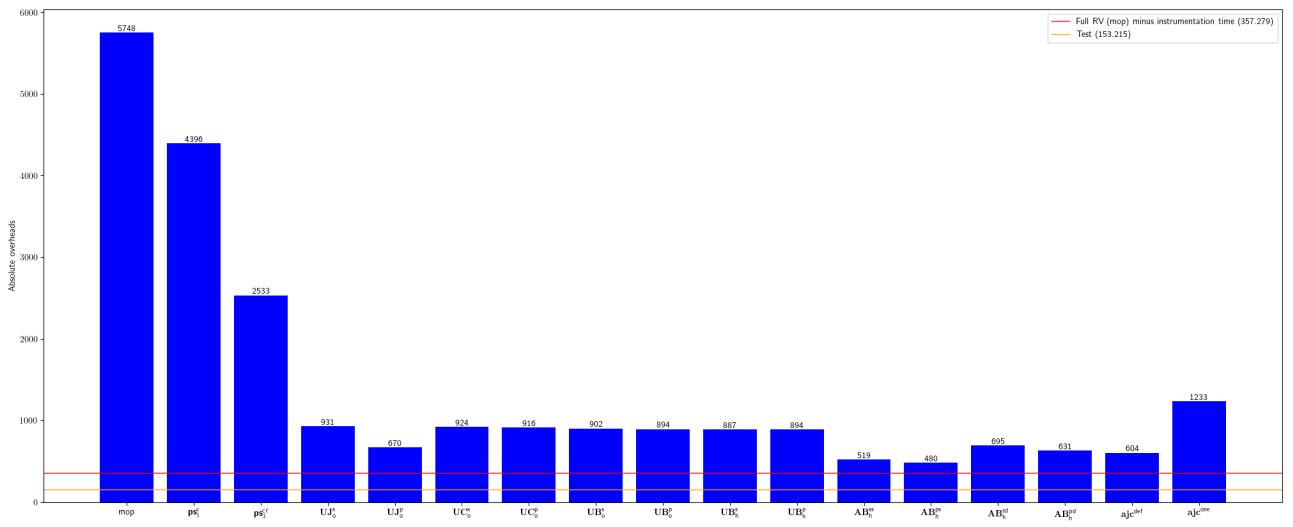


Fig. 6: Absolute overhead for alfasoftware-soapstone

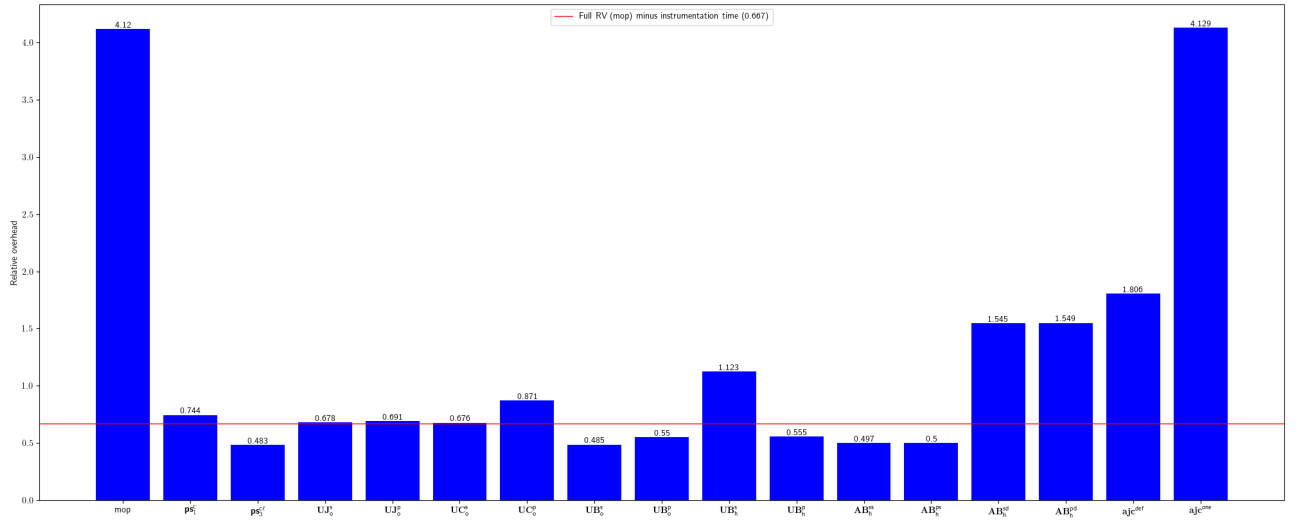


Fig. 7: Relative overhead for apache-commons-io

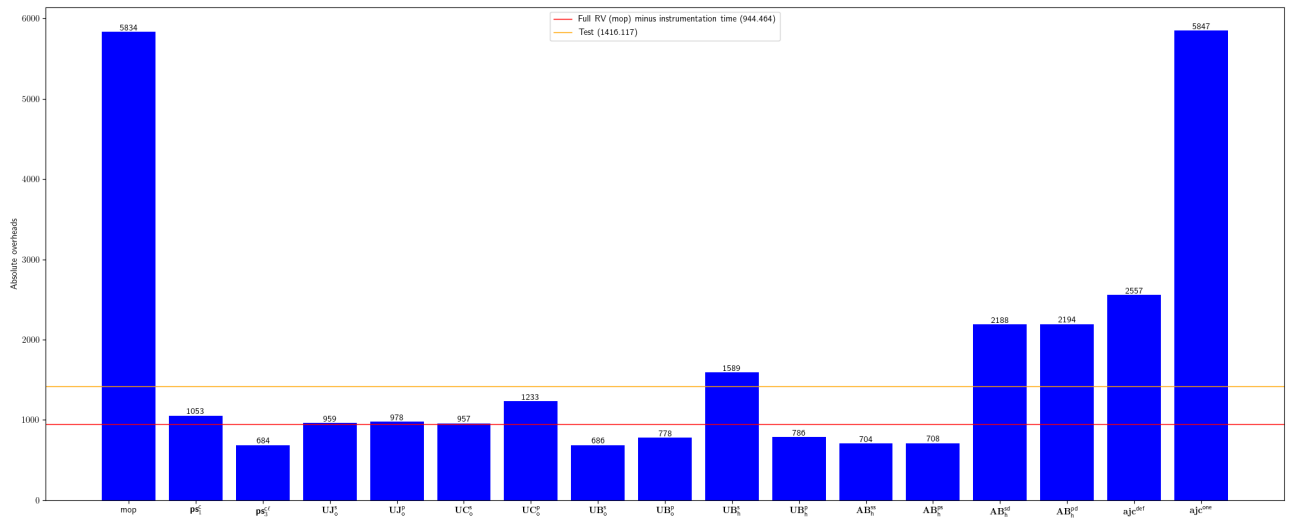


Fig. 8: Absolute overhead for apache-commons-io

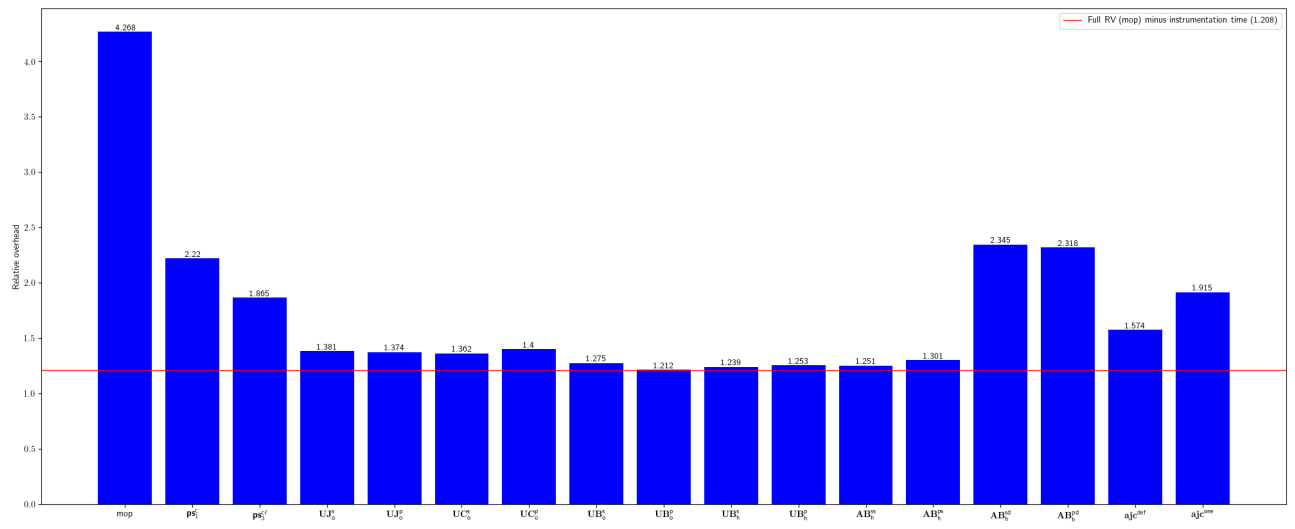


Fig. 9: Relative overhead for apache-commons-lang

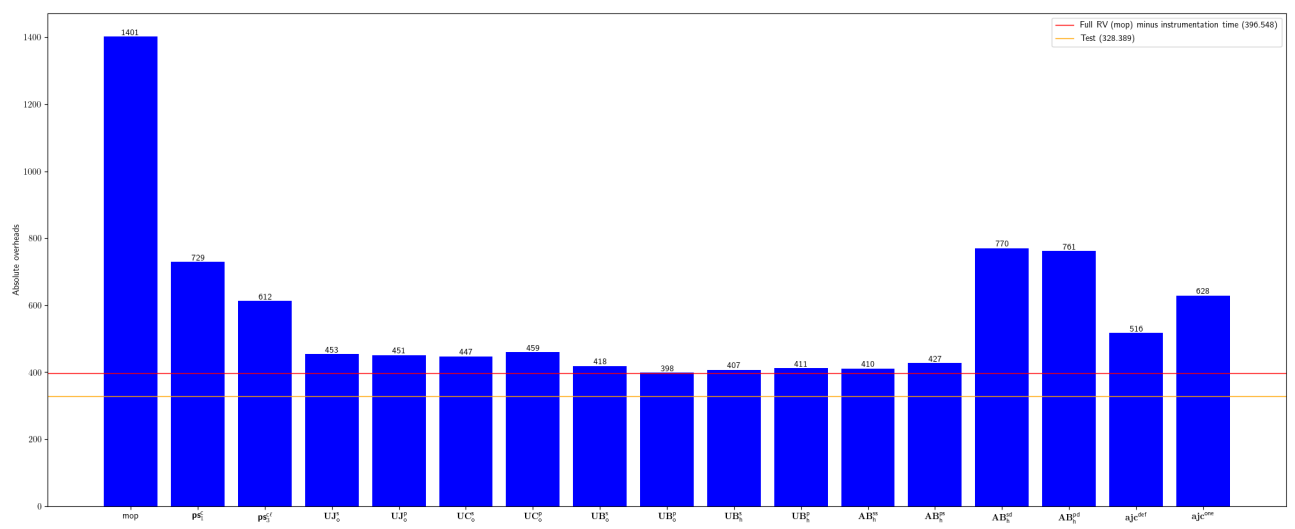


Fig. 10: Absolute overhead for apache-commons-lang

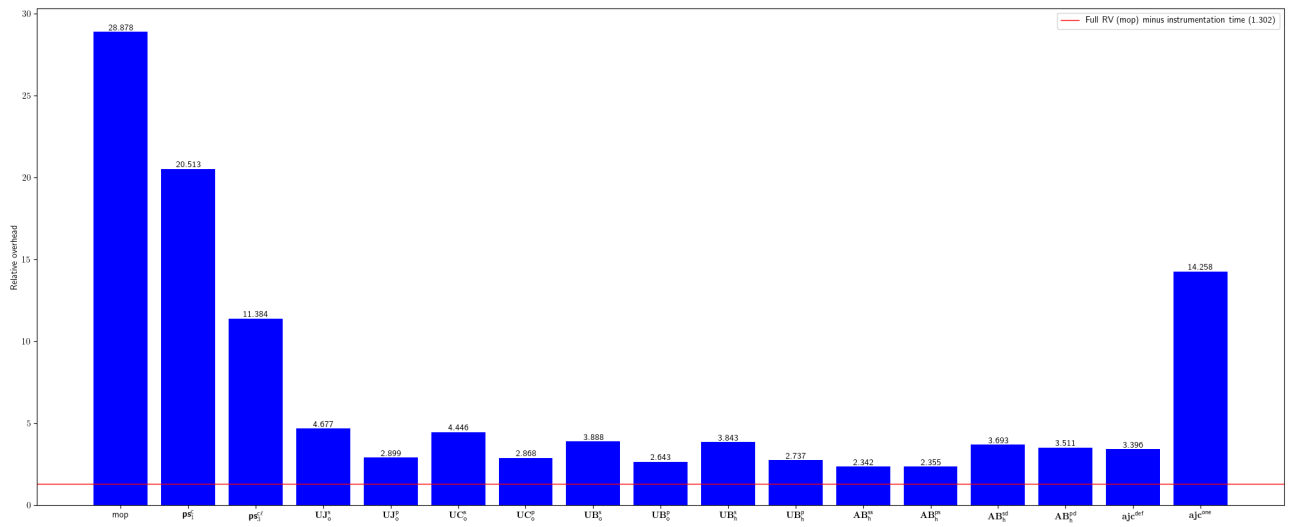


Fig. 11: Relative overhead for apache-sling-org-apache-sling-feature

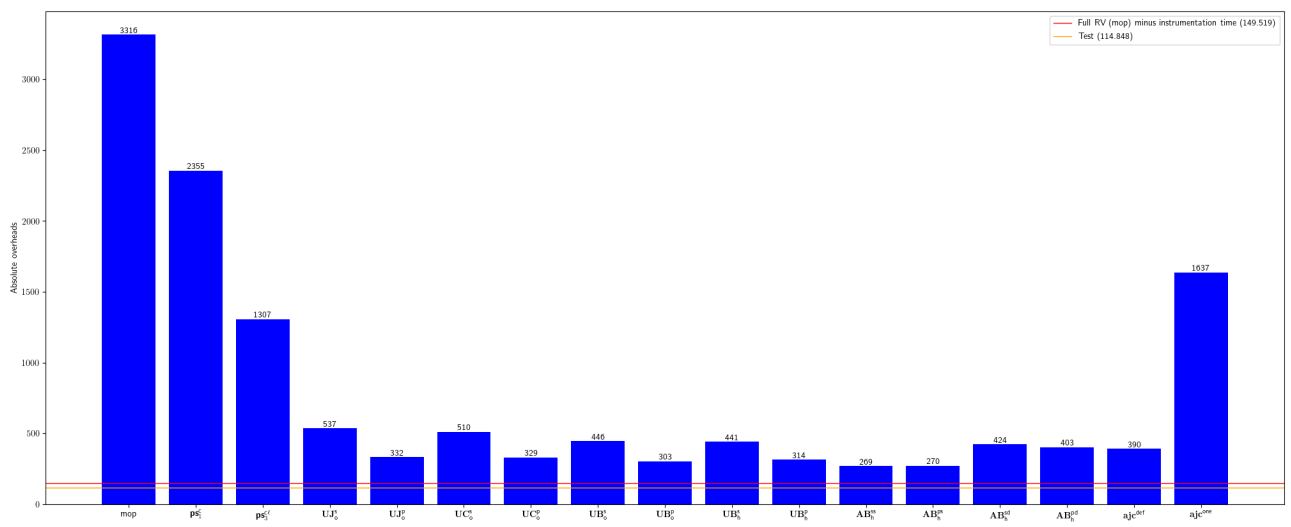


Fig. 12: Absolute overhead for apache-sling-org-apache-sling-feature



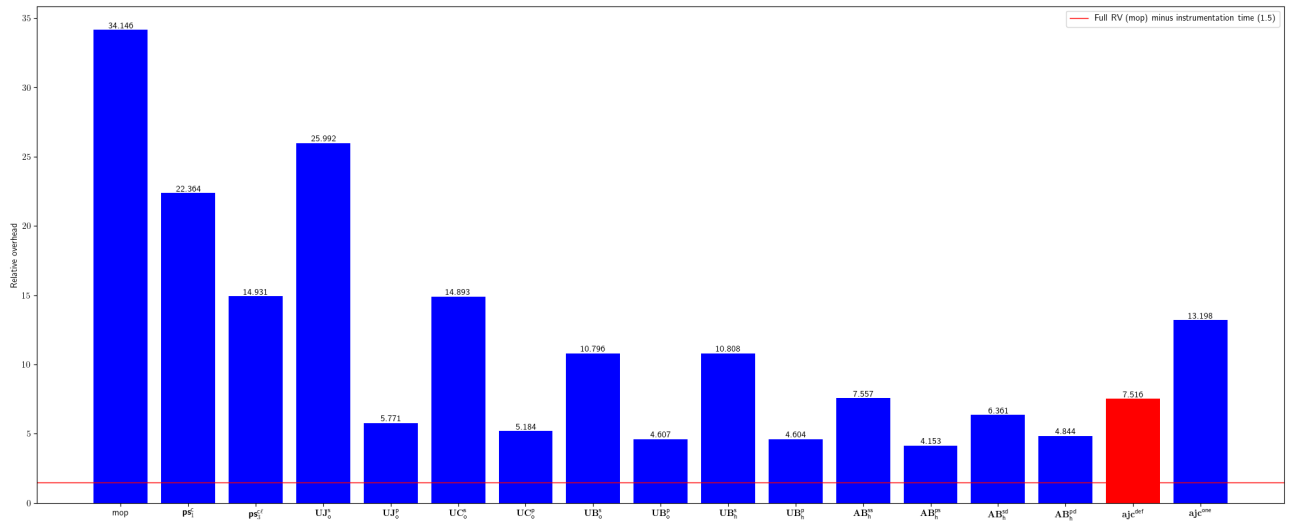


Fig. 13: Relative overhead for asciidoctor-asciidoclet

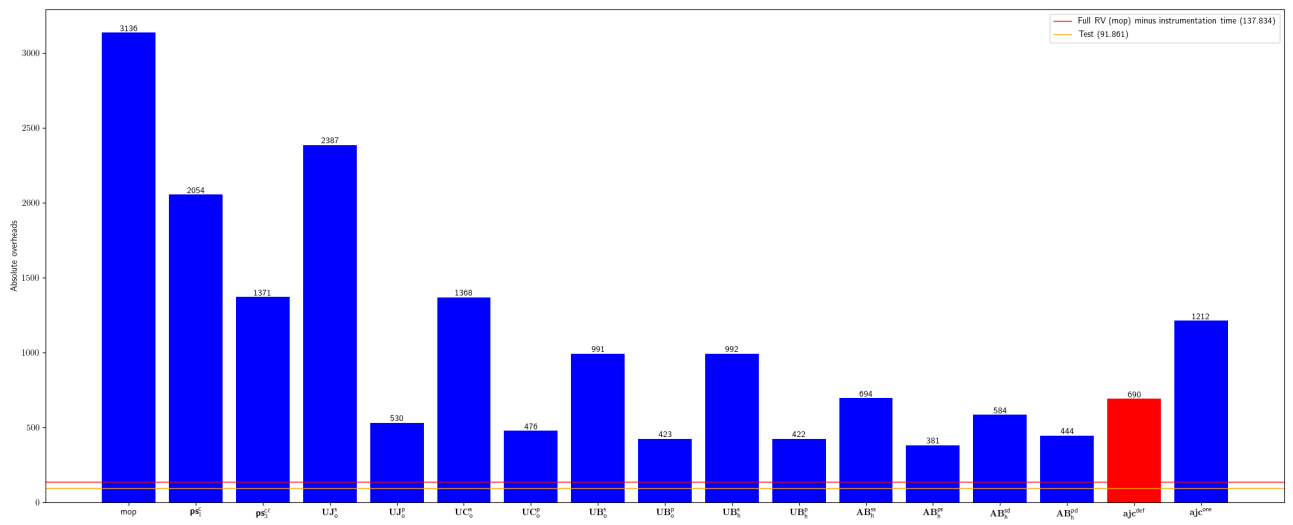


Fig. 14: Absolute overhead for asciidoctor-asciidoclet

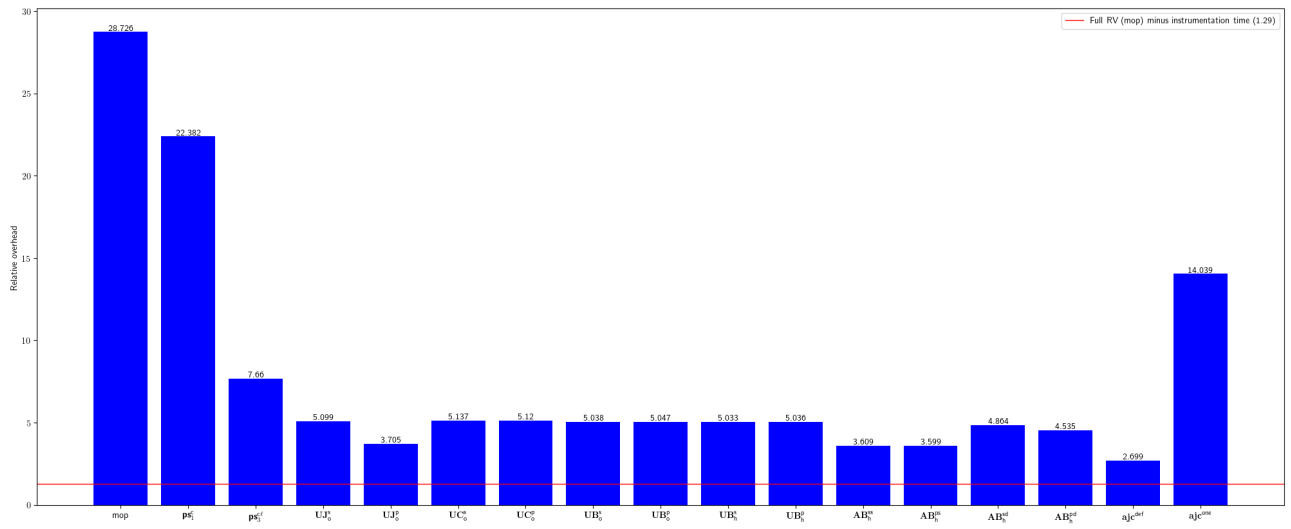


Fig. 15: Relative overhead for braintree-braintree\_java

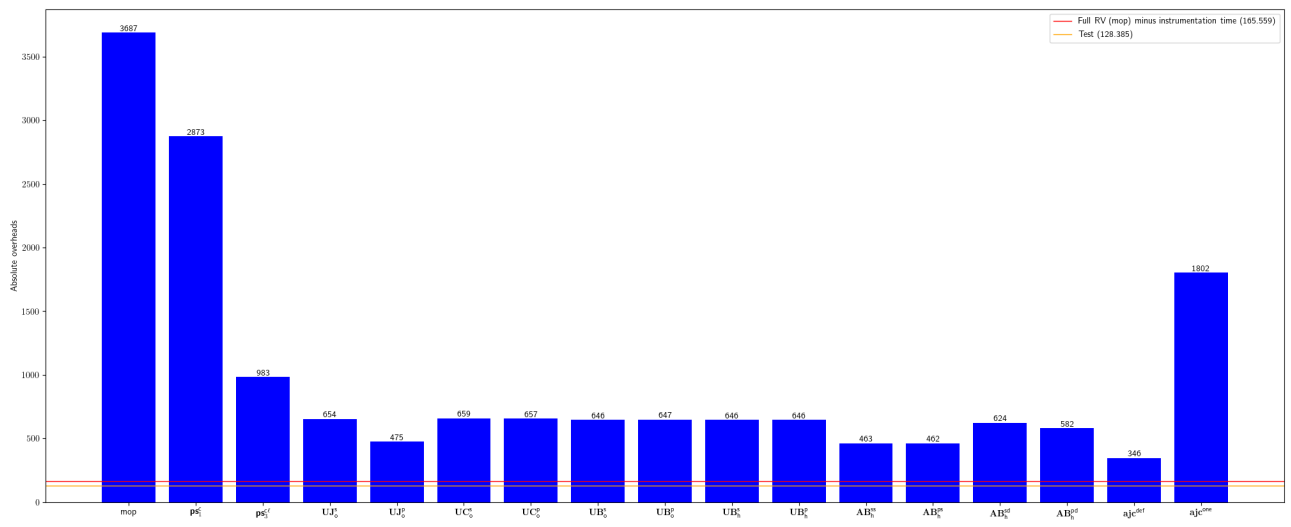


Fig. 16: Absolute overhead for braintree-braintree\_java

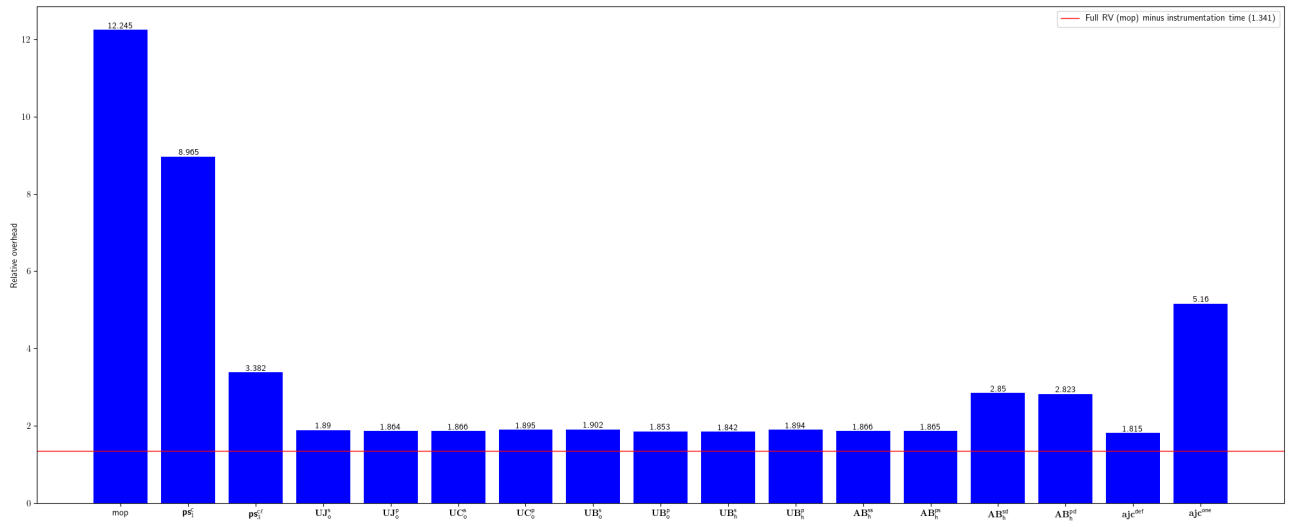


Fig. 17: Relative overhead for ChannelApe-shopify-sdk

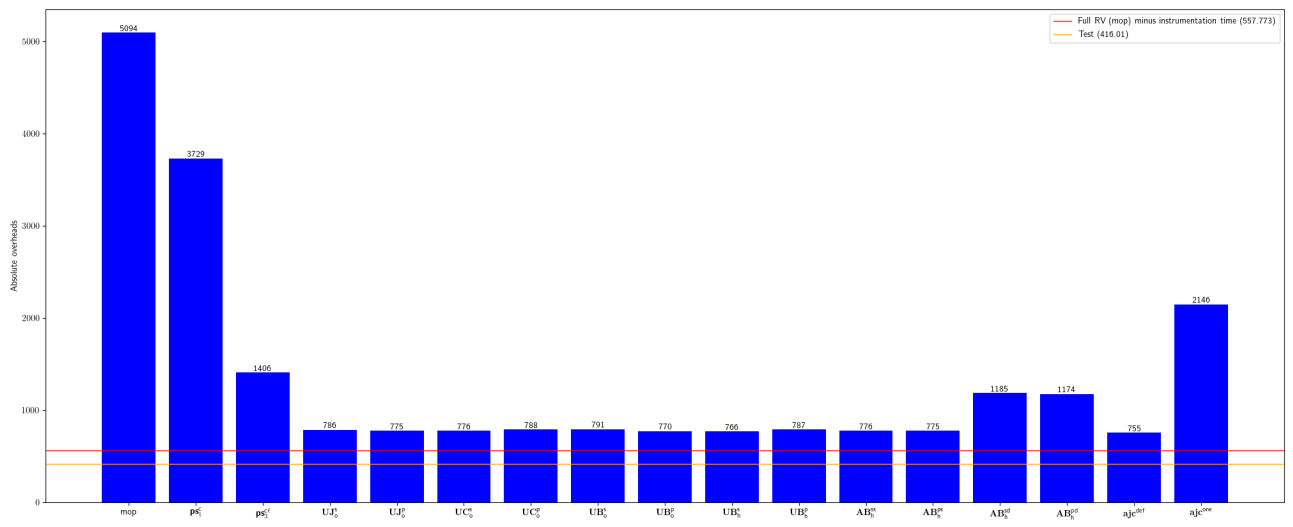


Fig. 18: Absolute overhead for ChannelApe-shopify-sdk

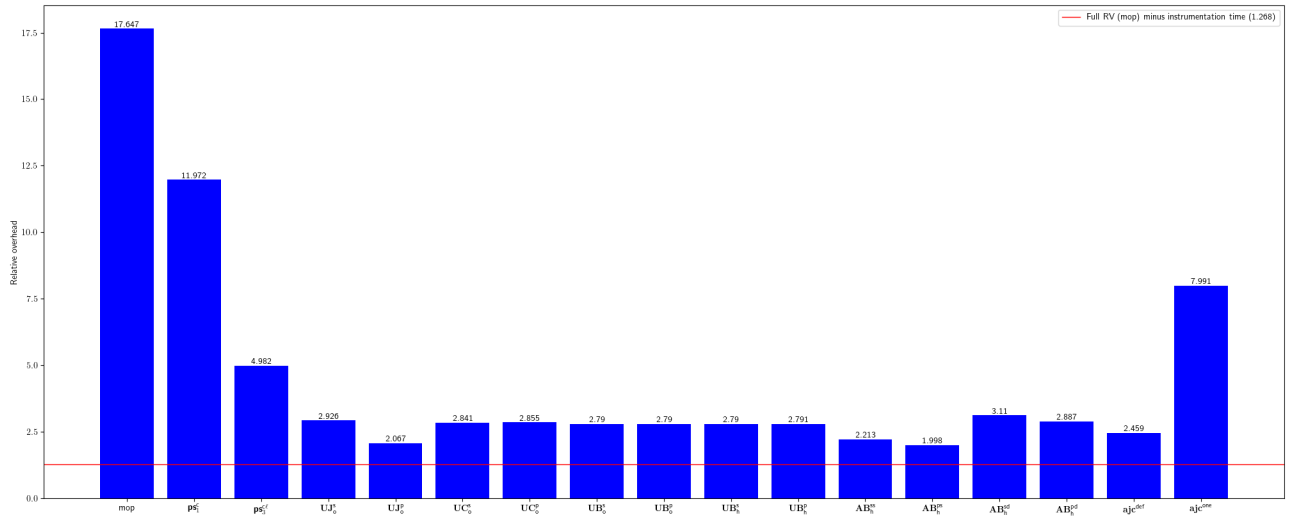


Fig. 19: Relative overhead for contentful-contentful.java

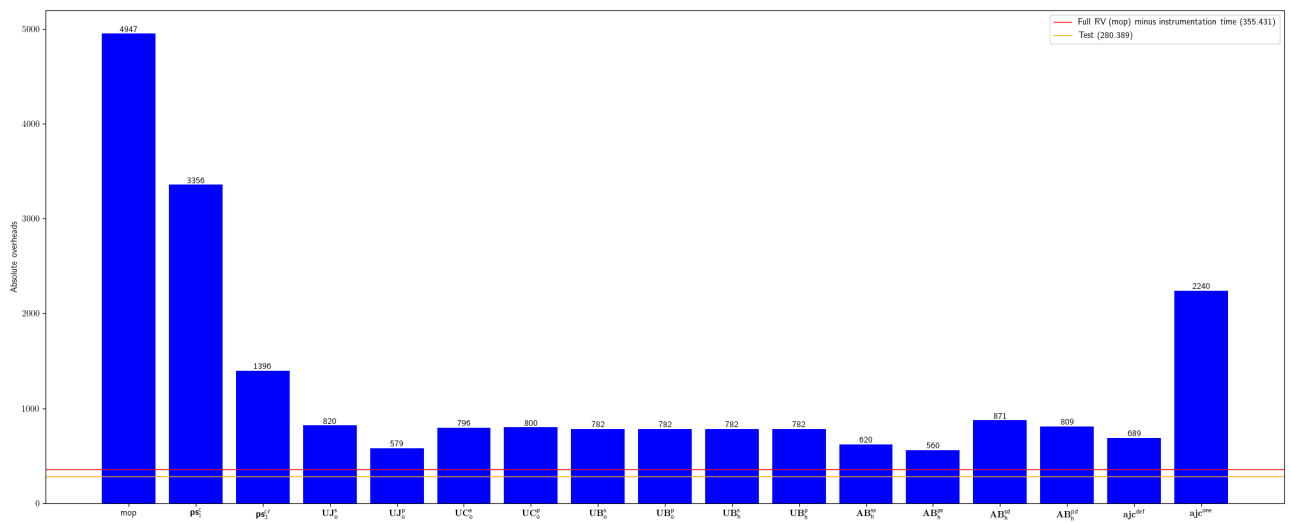


Fig. 20: Absolute overhead for contentful-contentful.java

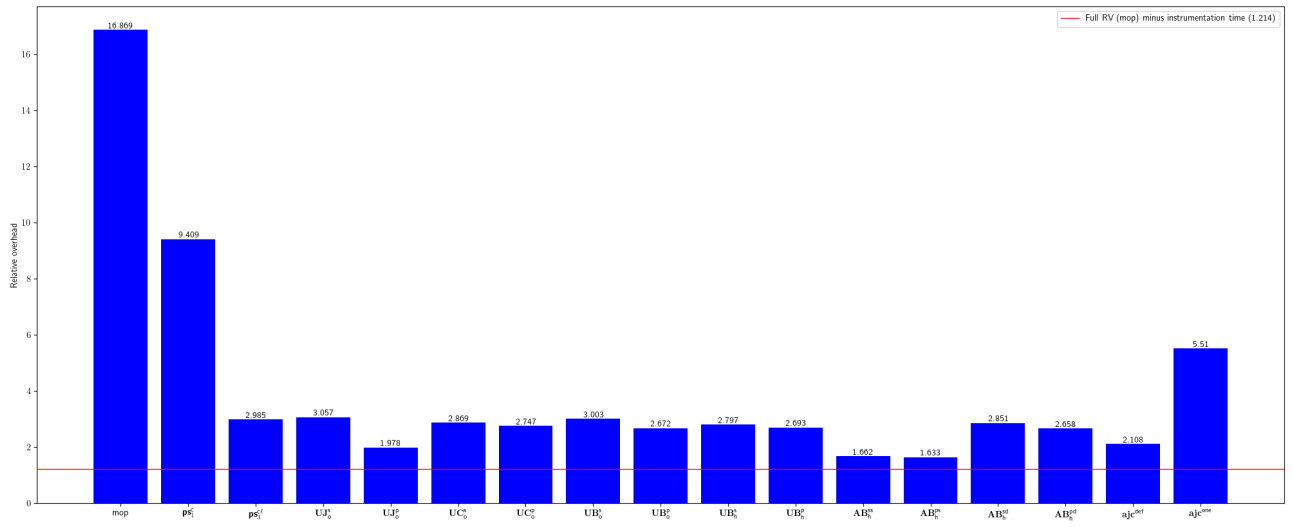


Fig. 21: Relative overhead for datastax-native-protocol

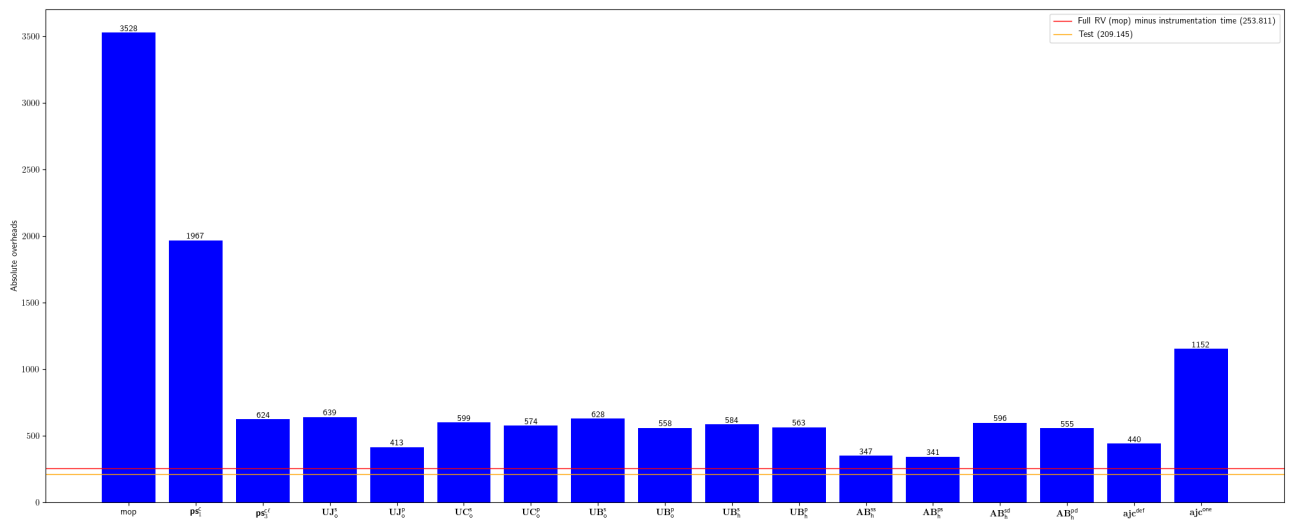


Fig. 22: Absolute overhead for datastax-native-protocol

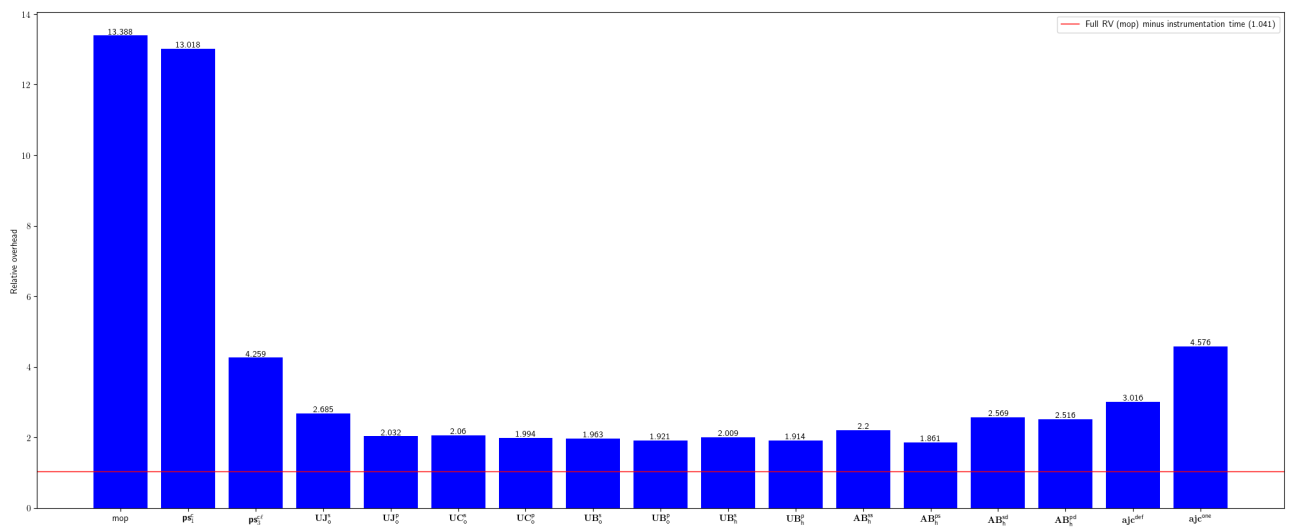


Fig. 23: Relative overhead for davidmoten-rxjava2-file

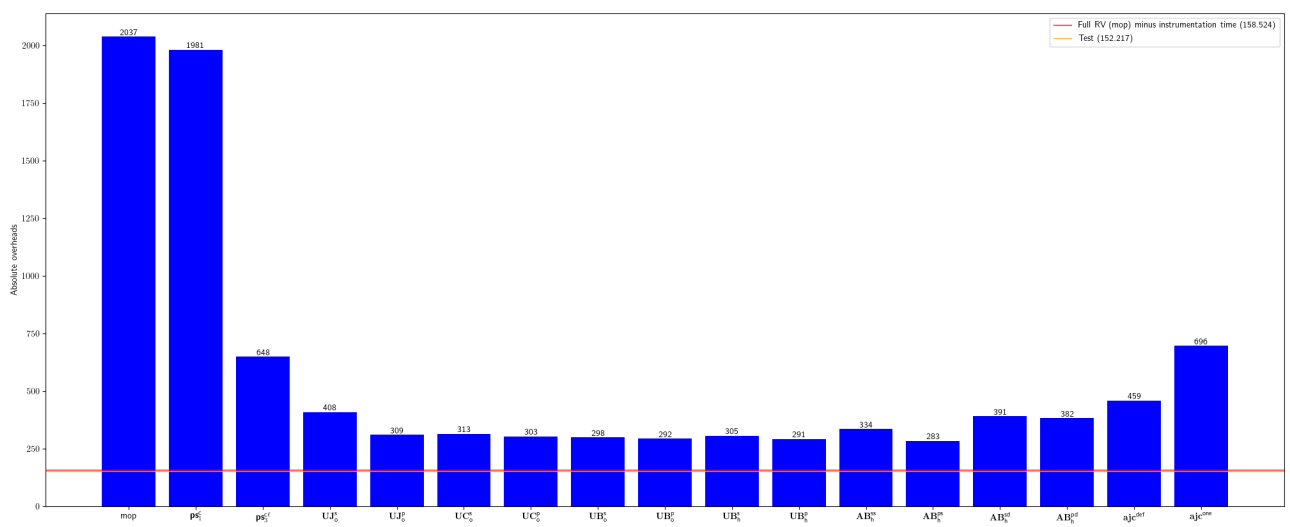


Fig. 24: Absolute overhead for davidmoten-rxjava2-file

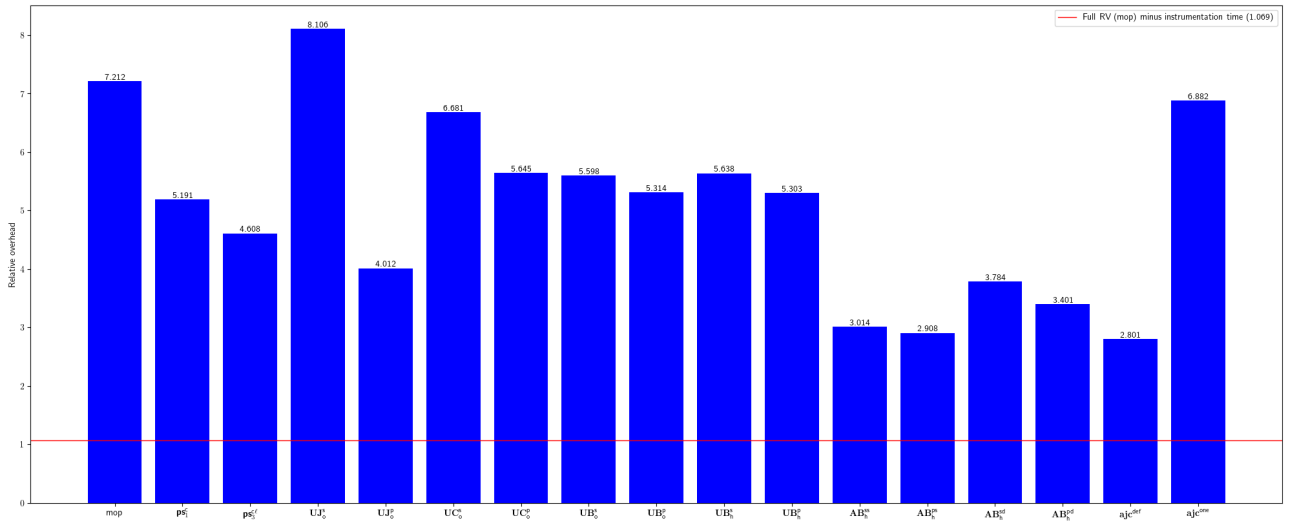


Fig. 25: Relative overhead for davidmoten-rxjava-slf4j

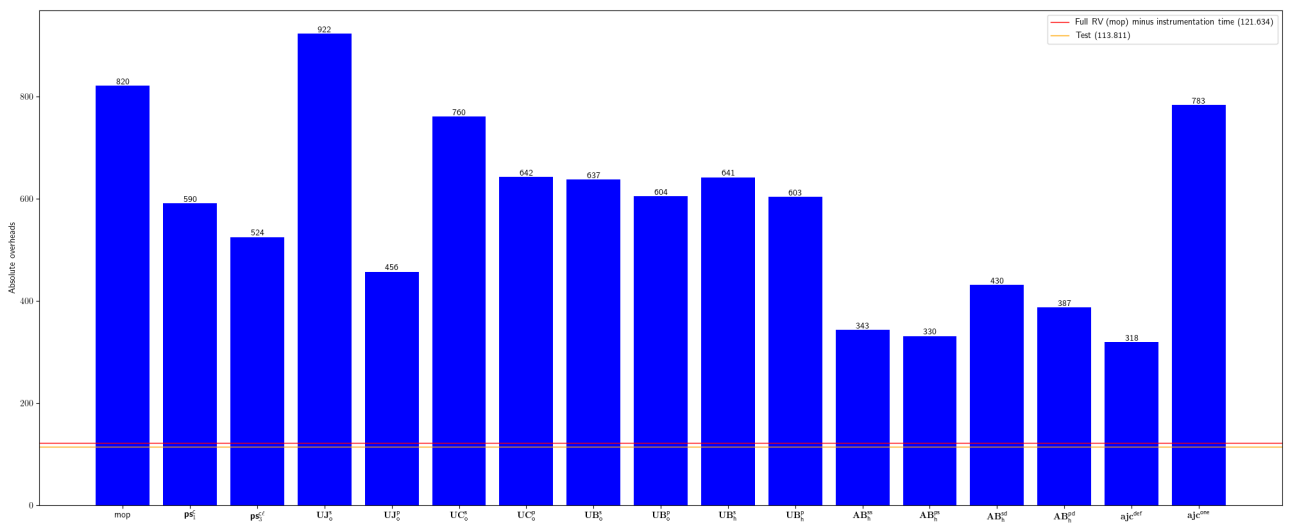


Fig. 26: Absolute overhead for davidmoten-rxjava-slf4j

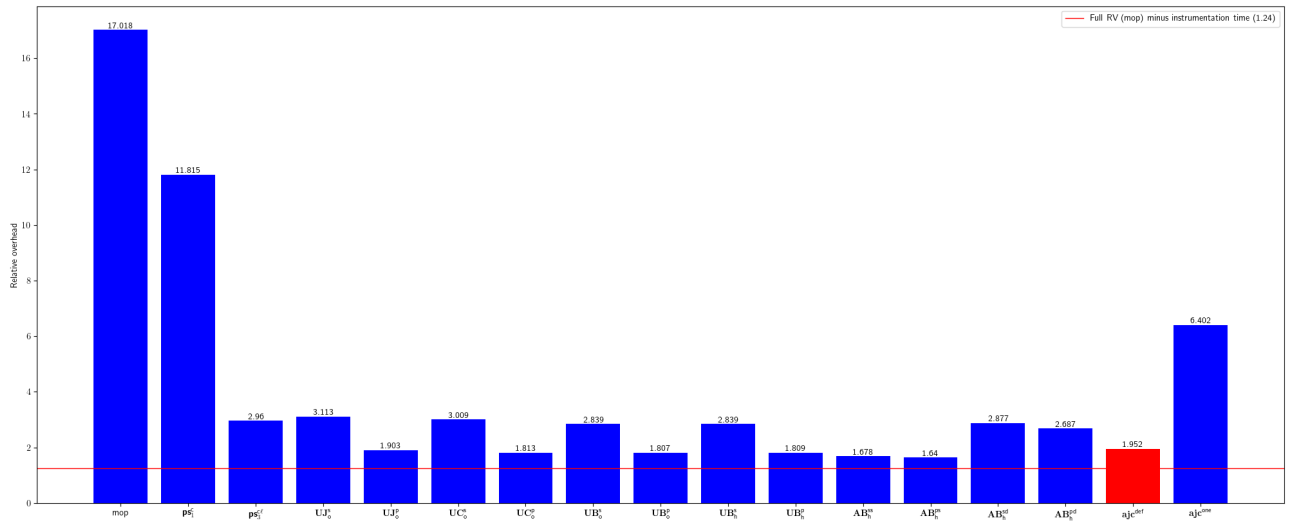


Fig. 27: Relative overhead for devcon5io-mutation-analysis-plugin

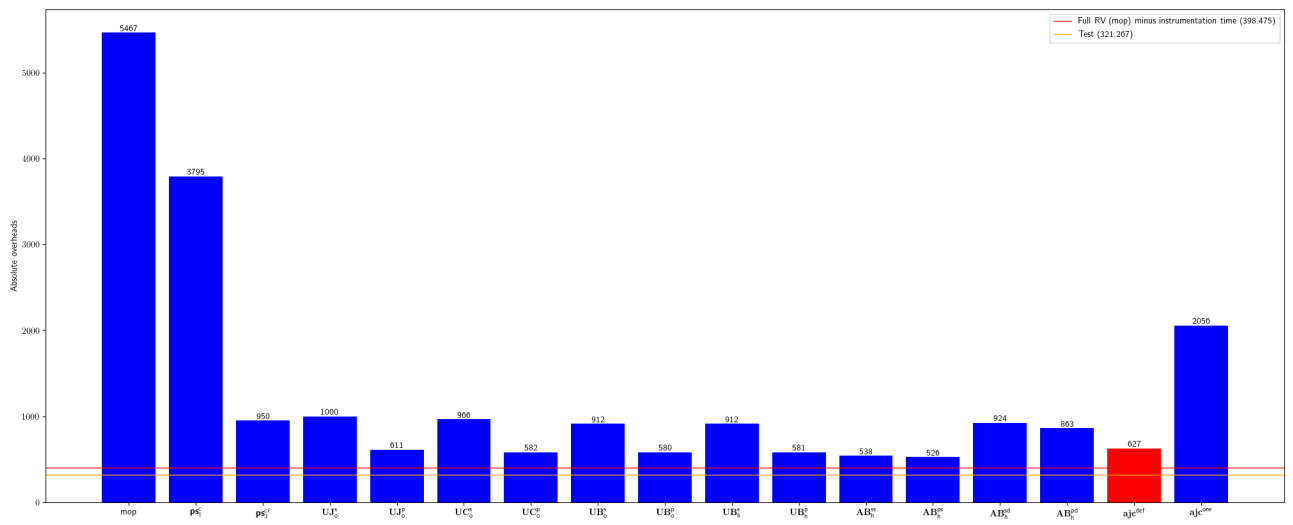


Fig. 28: Absolute overhead for devcon5io-mutation-analysis-plugin



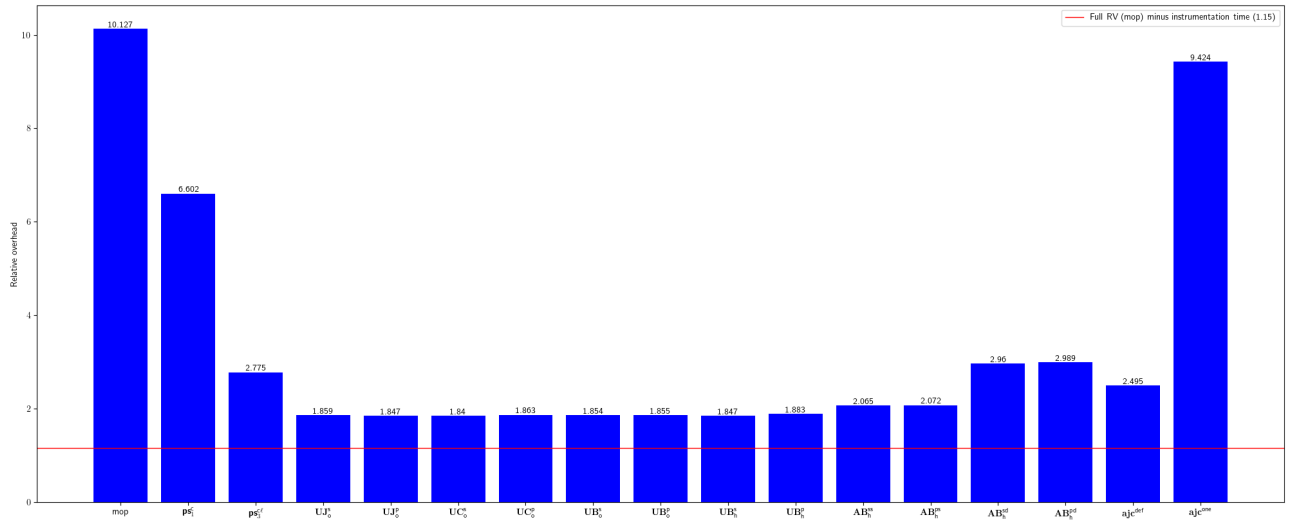


Fig. 29: Relative overhead for fsantiag-sonar-clojure

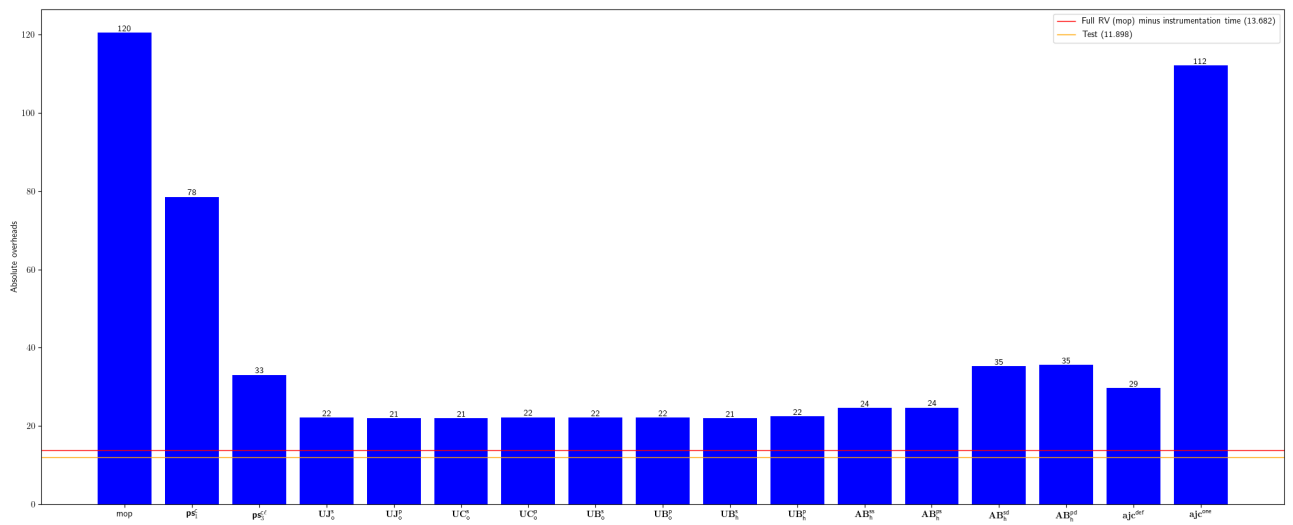


Fig. 30: Absolute overhead for fsantiag-sonar-clojure

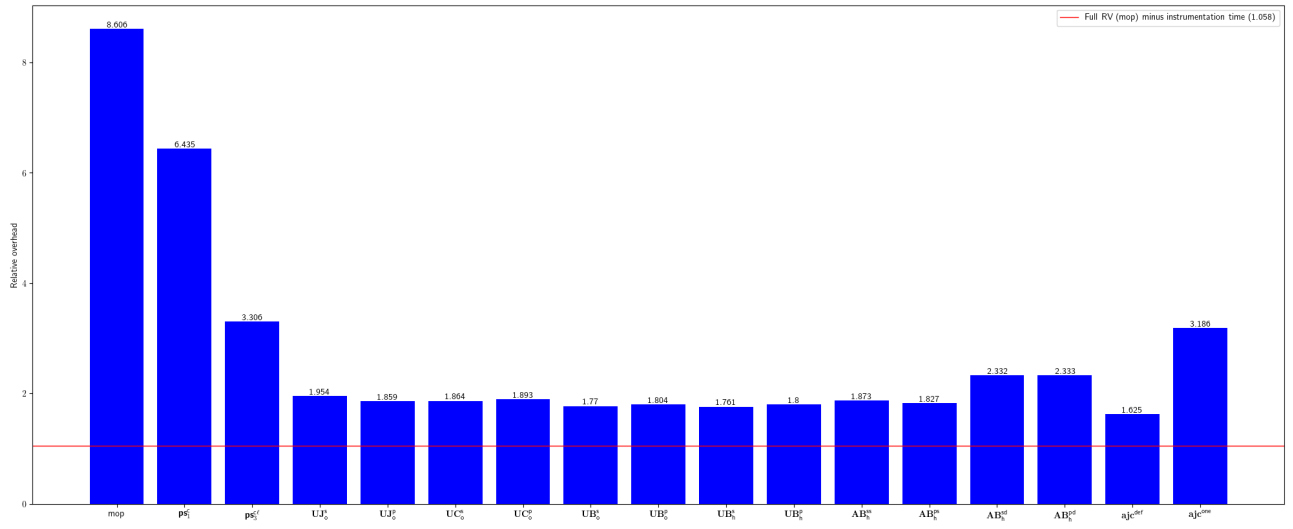


Fig. 31: Relative overhead for gabrie-allaigre-sonar-gitlab-plugin

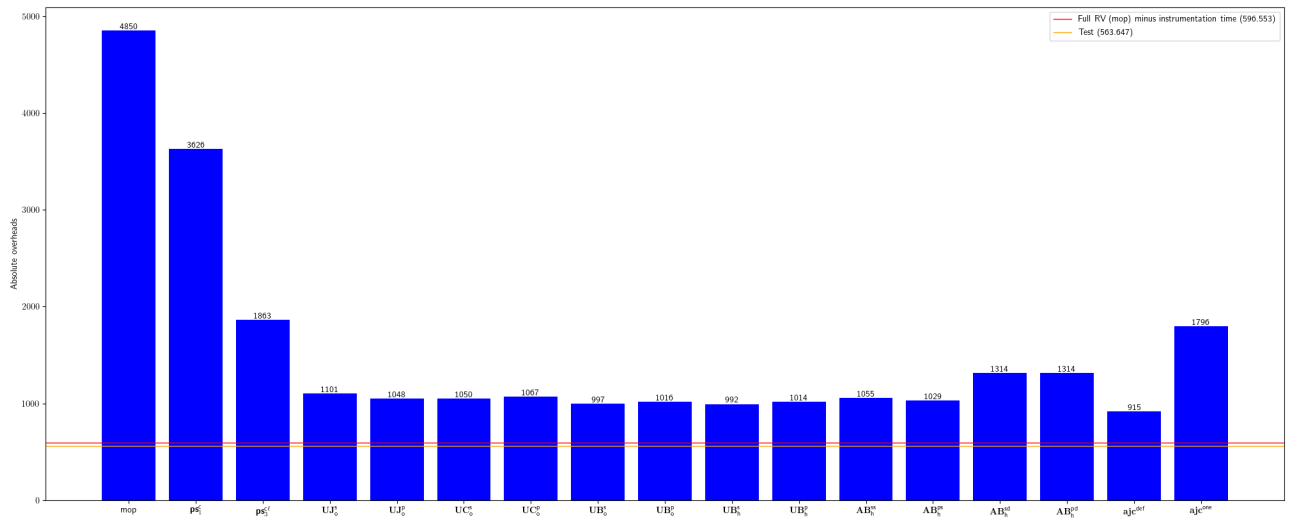


Fig. 32: Absolute overhead for gabrie-allaigre-sonar-gitlab-plugin

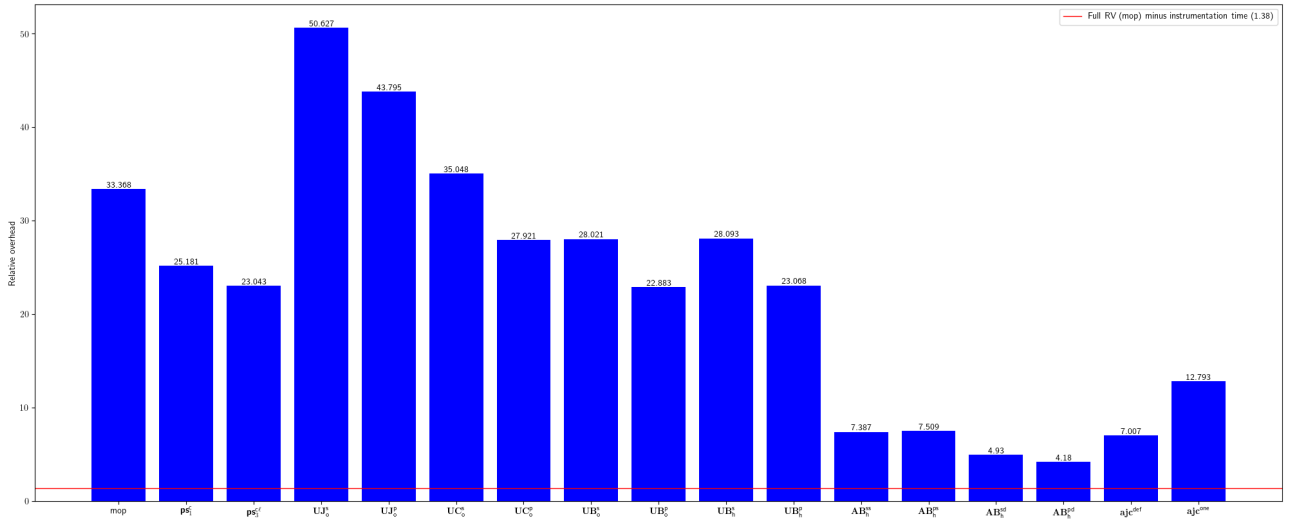


Fig. 33: Relative overhead for googleapis-java-pubsub-group-kafka-connector

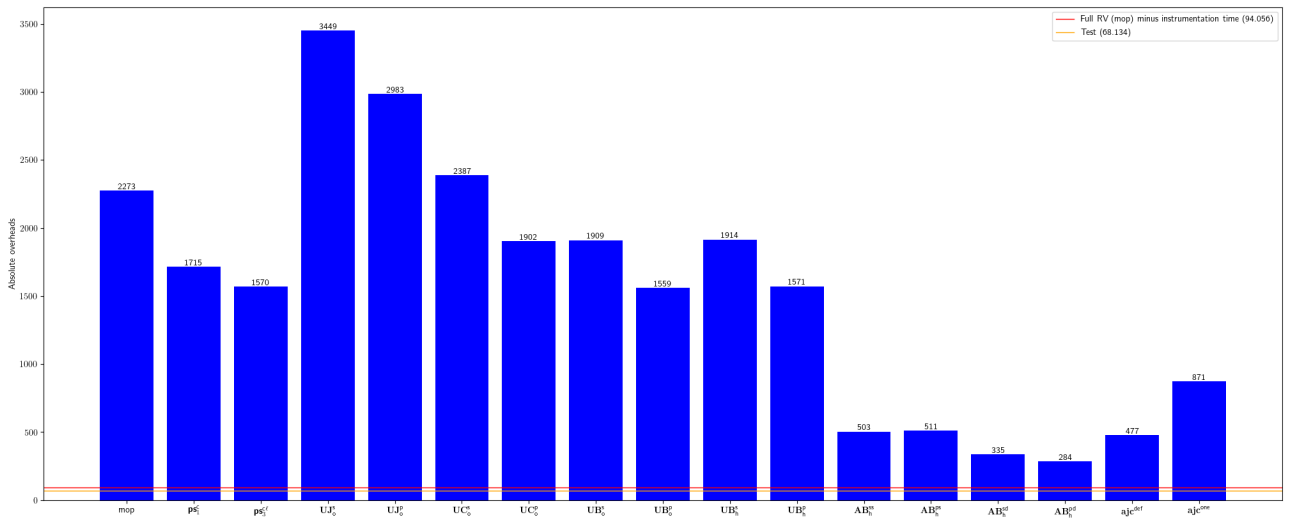


Fig. 34: Absolute overhead for googleapis-java-pubsub-group-kafka-connector

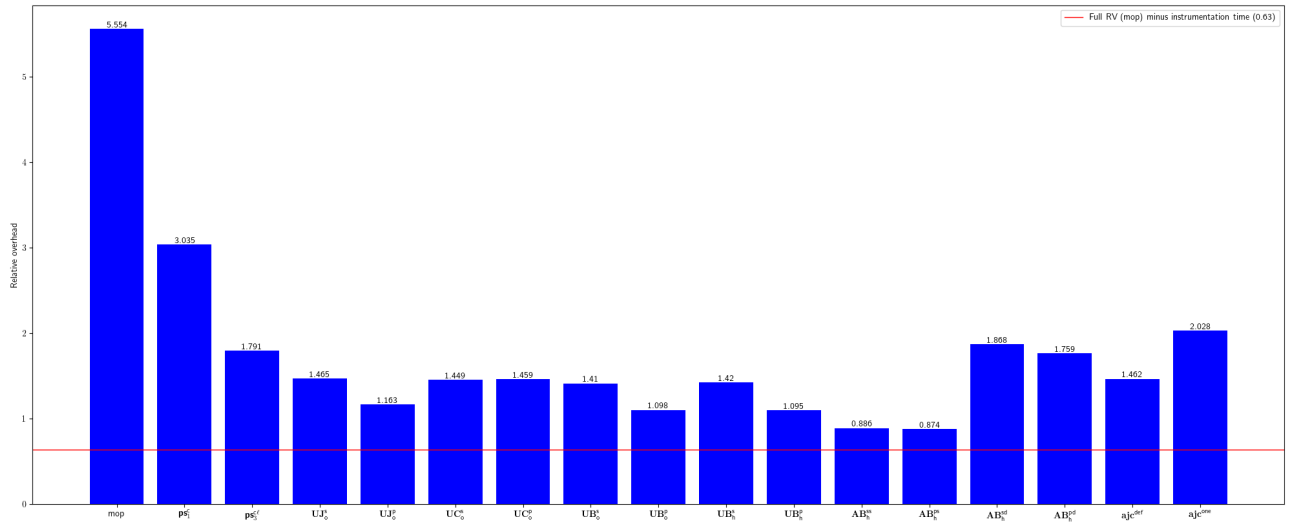


Fig. 35: Relative overhead for GoogleCloudPlatform-kafka-pubsub-emulator

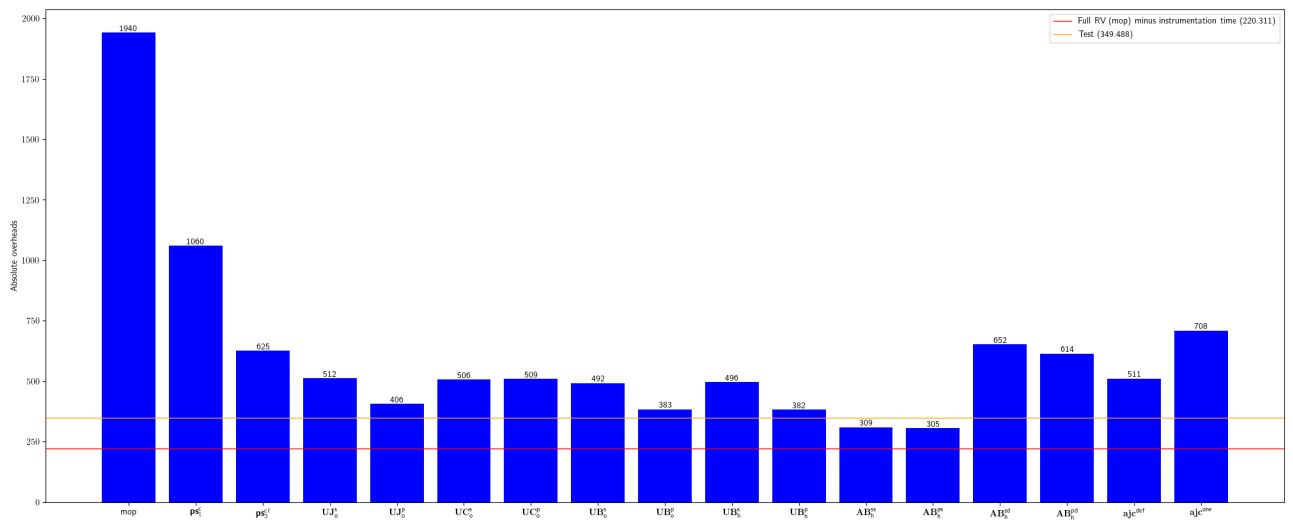


Fig. 36: Absolute overhead for GoogleCloudPlatform-kafka-pubsub-emulator

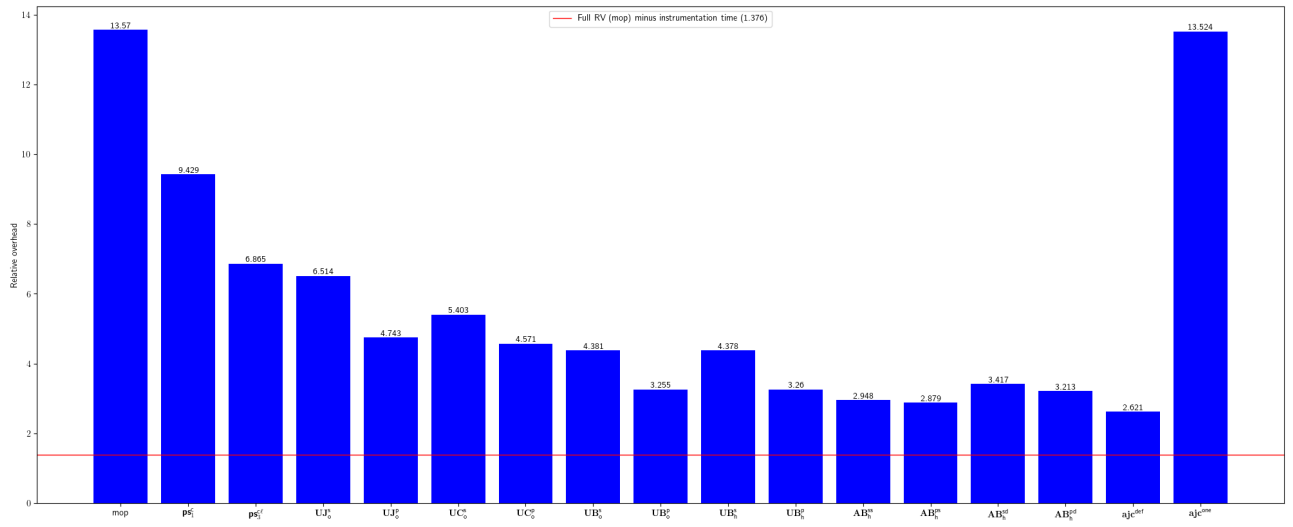


Fig. 37: Relative overhead for google-compile-testing

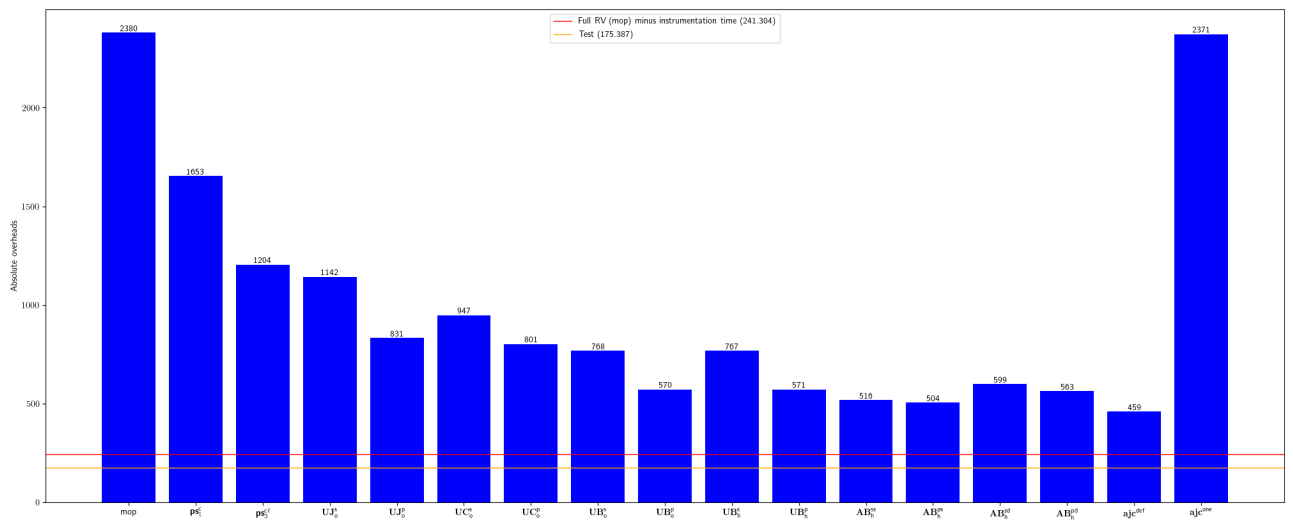


Fig. 38: Absolute overhead for google-compile-testing

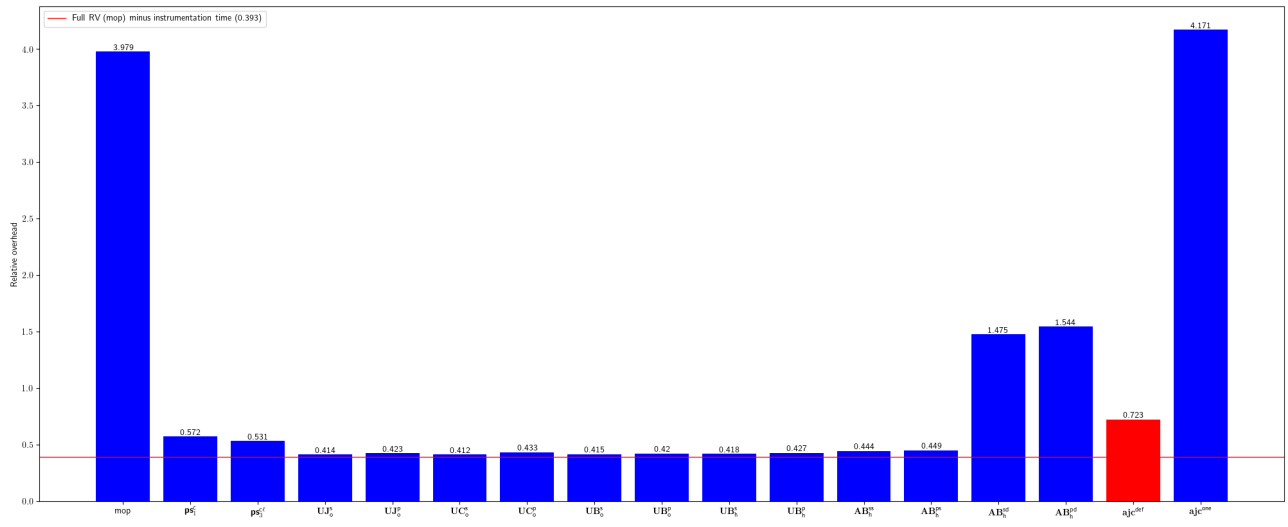


Fig. 39: Relative overhead for imglib-imglib2

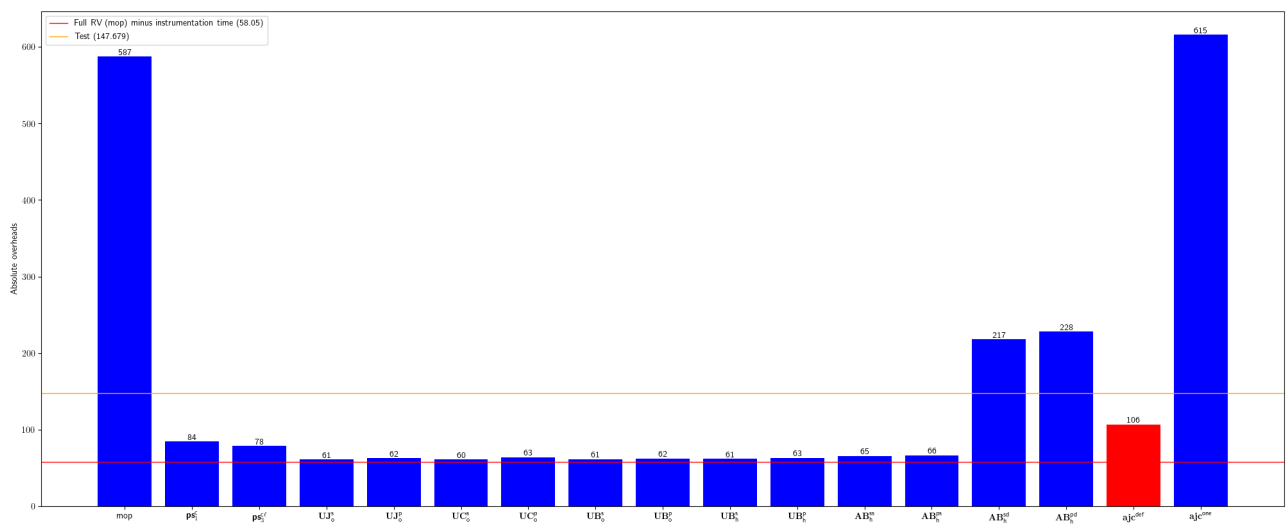


Fig. 40: Absolute overhead for imglib-imglib2

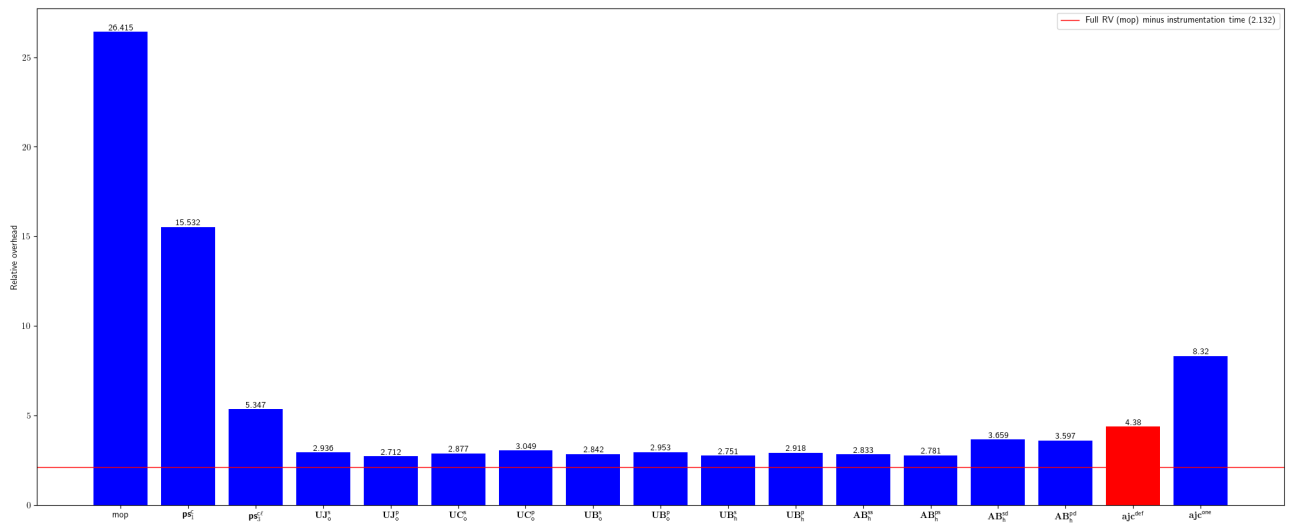


Fig. 41: Relative overhead for jdbc-observations-datasource-proxy

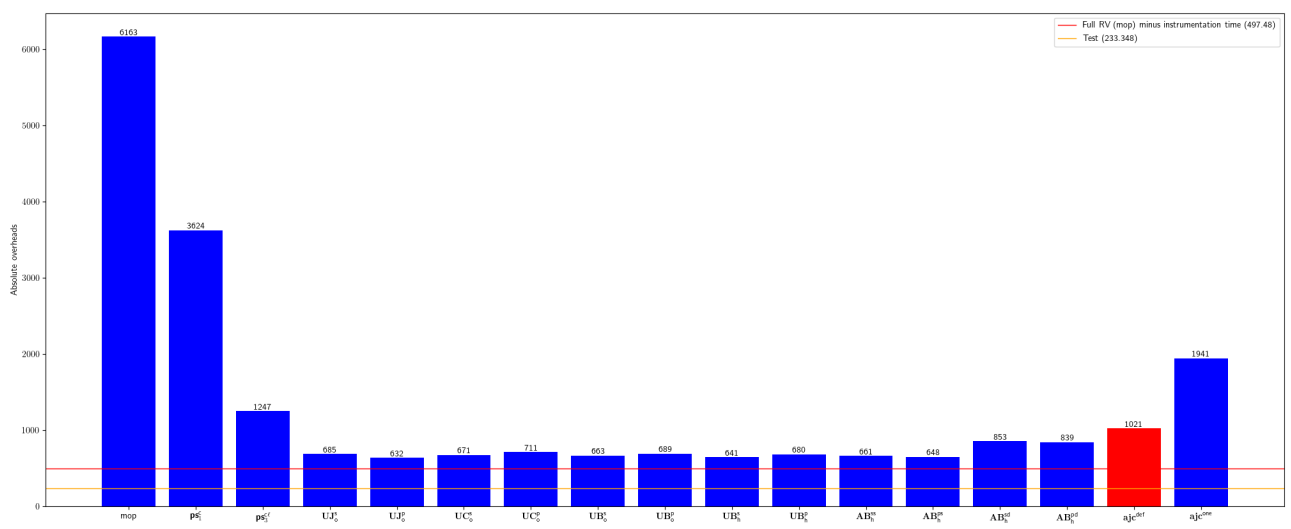


Fig. 42: Absolute overhead for jdbc-observations-datasource-proxy

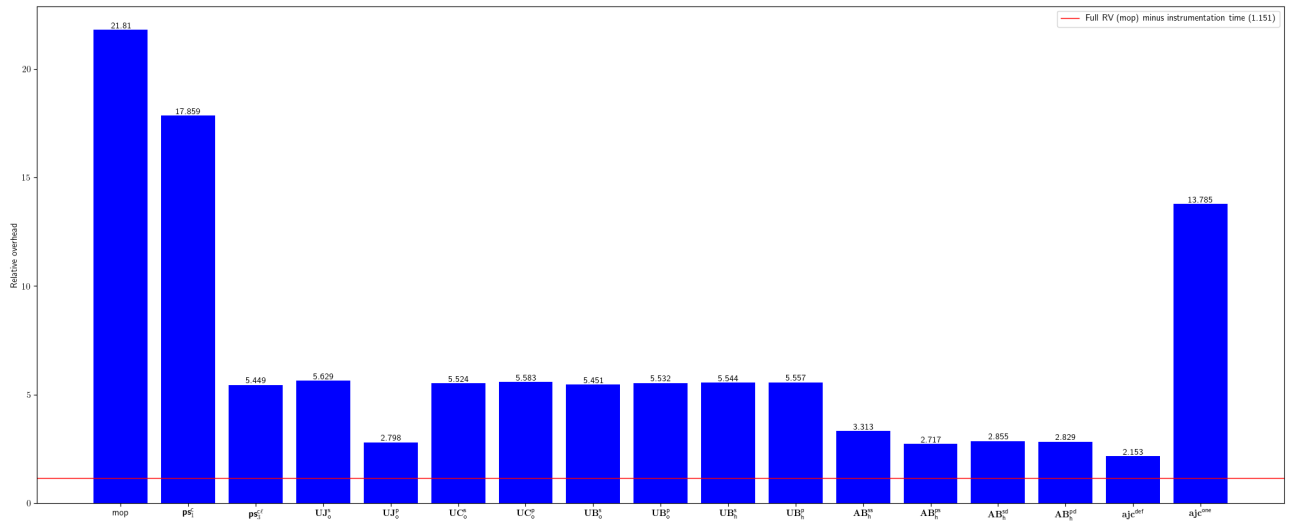


Fig. 43: Relative overhead for jmxtrans-embedded-jmxtrans

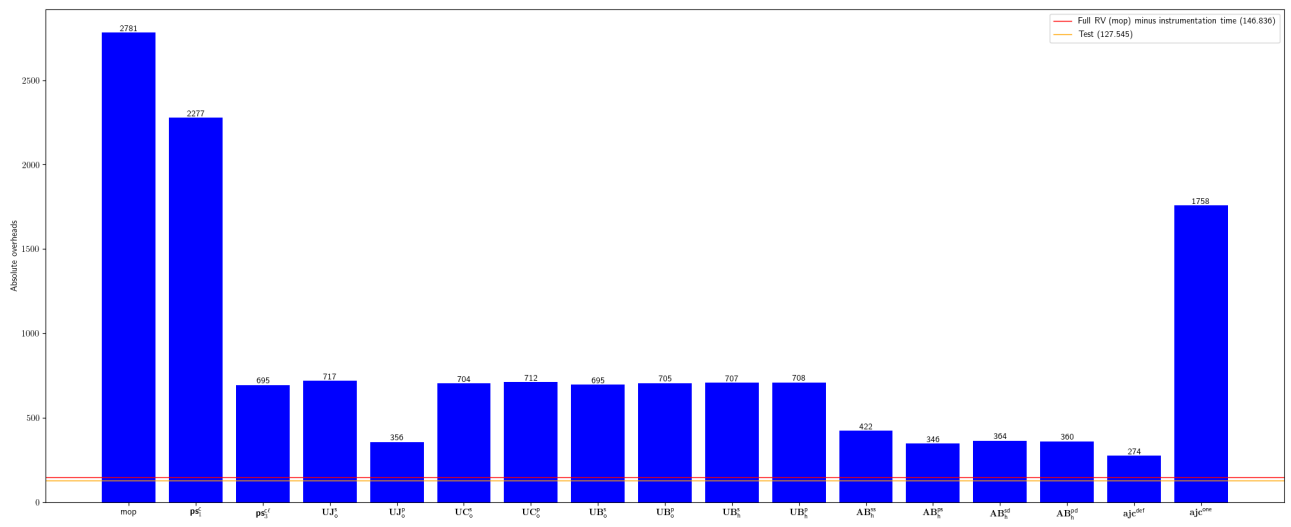


Fig. 44: Absolute overhead for jmxtrans-embedded-jmxtrans



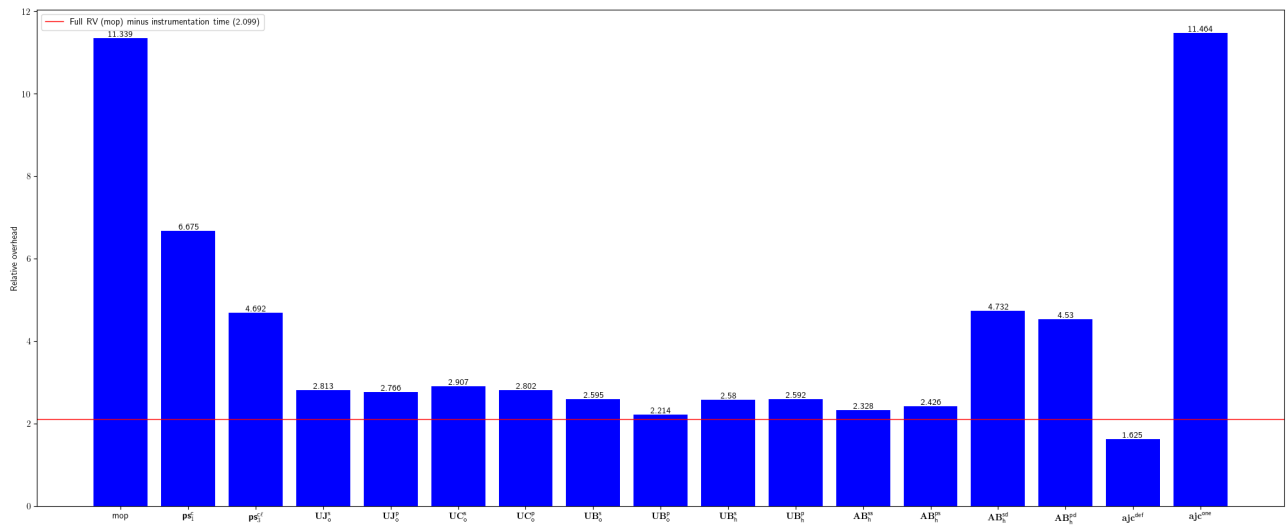


Fig. 45: Relative overhead for JodaOrg-joda-time

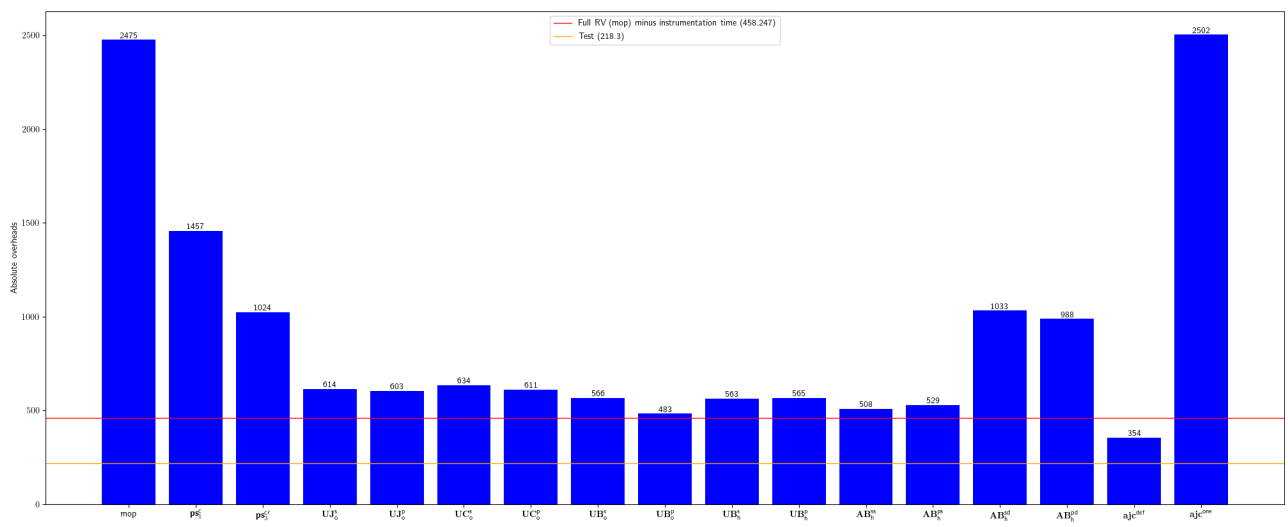


Fig. 46: Absolute overhead for JodaOrg-joda-time

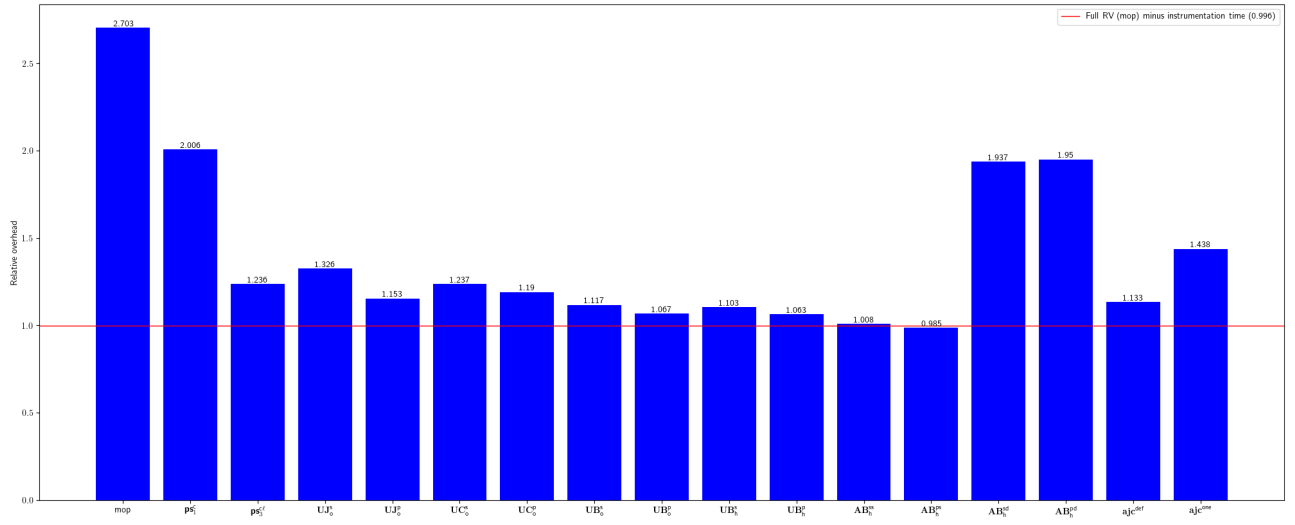


Fig. 47: Relative overhead for jscep-jscep

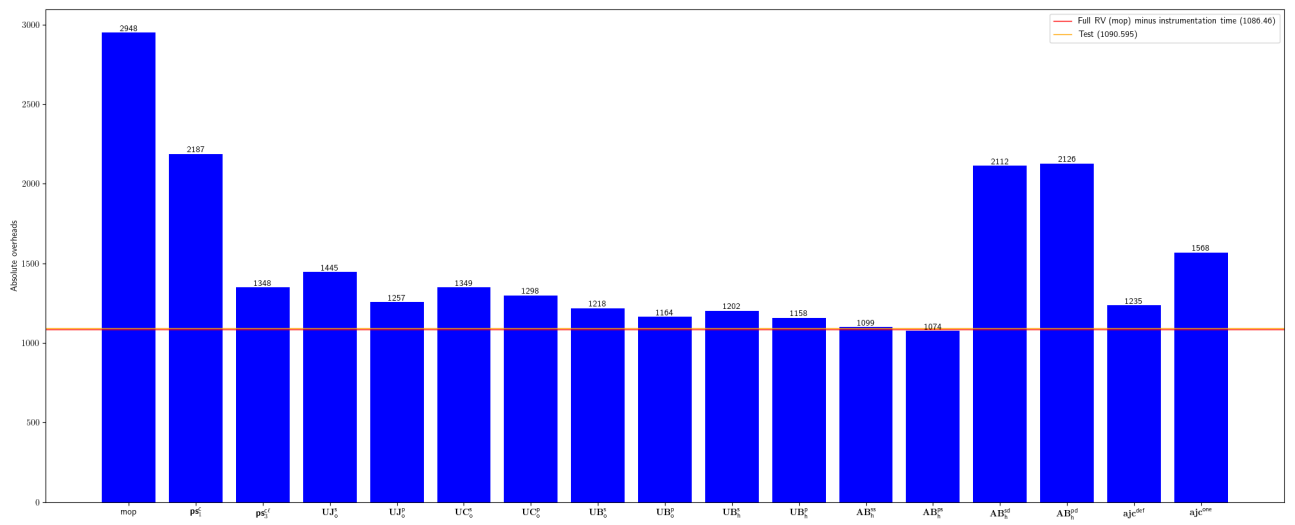


Fig. 48: Absolute overhead for jscep-jscep

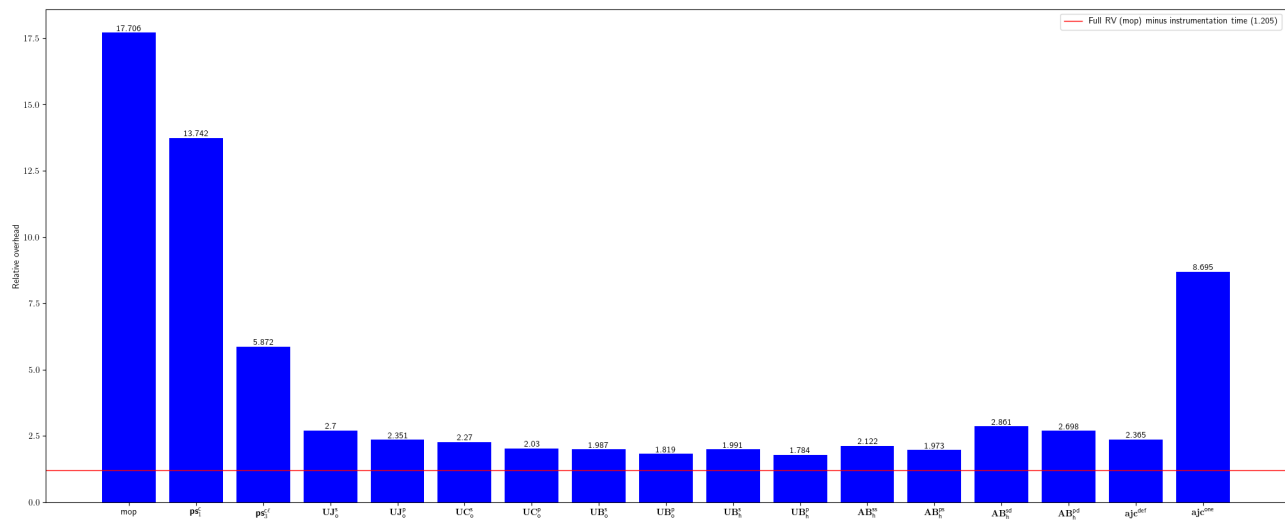


Fig. 49: Relative overhead for jsunsoftware-http-request

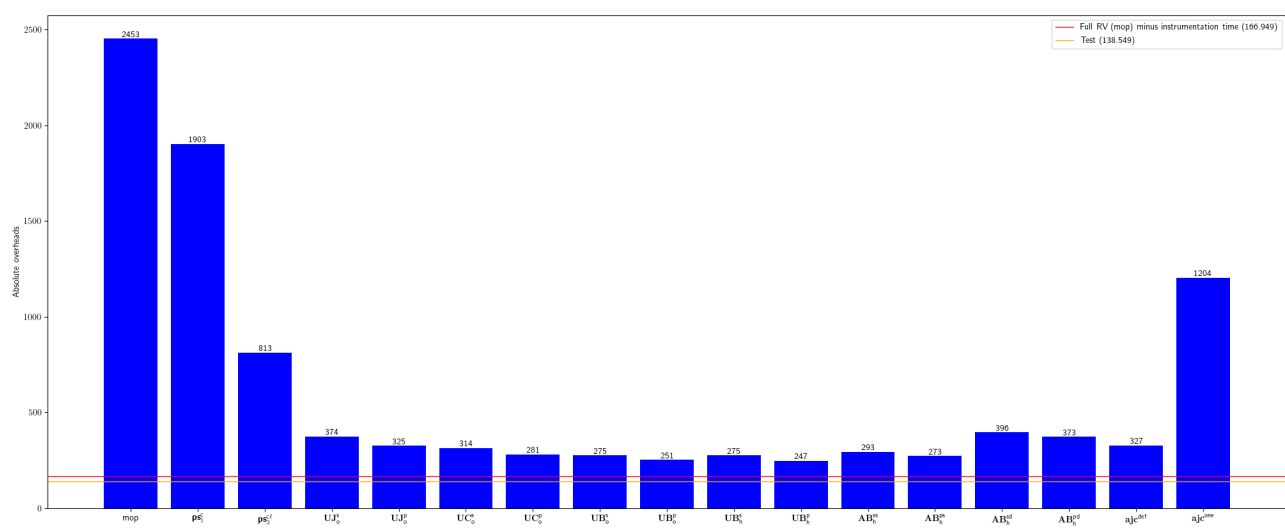


Fig. 50: Absolute overhead for jsunsoftware-http-request

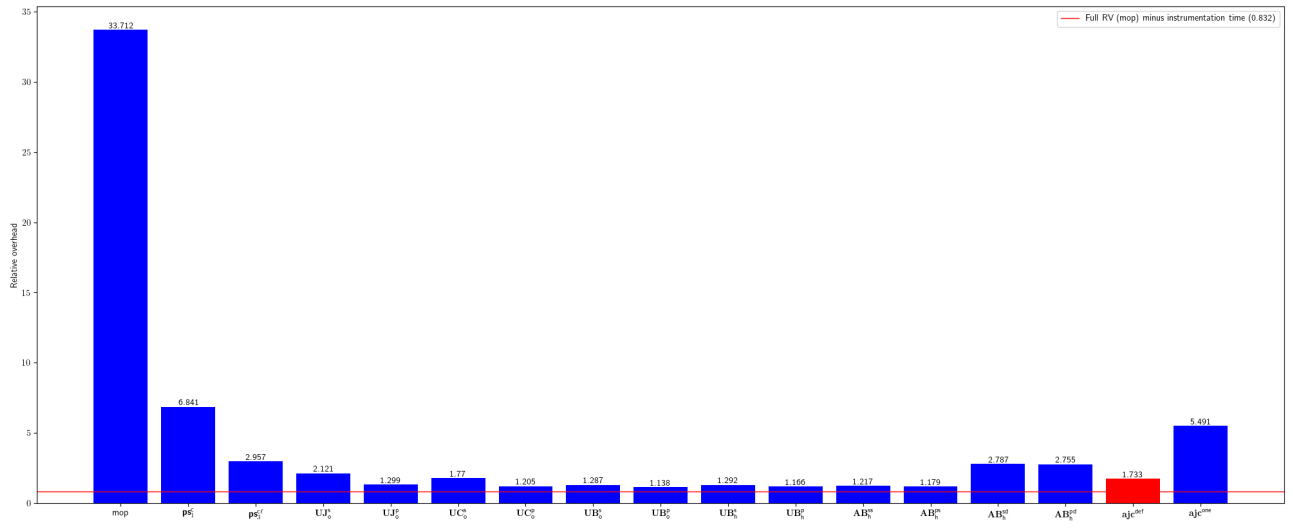


Fig. 51: Relative overhead for Mastercard-client-encryption-java

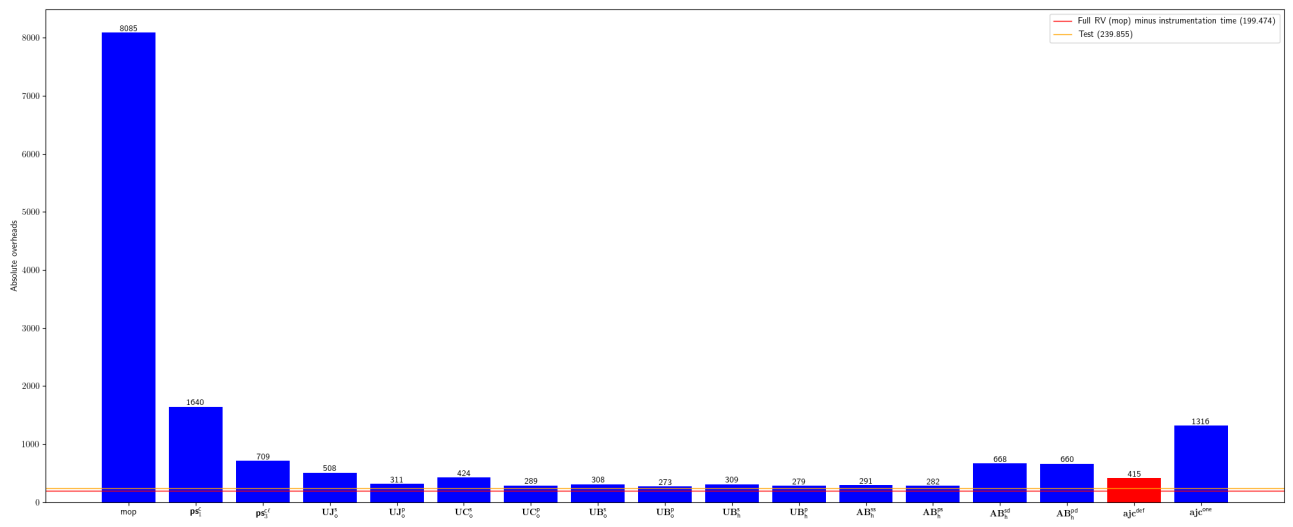


Fig. 52: Absolute overhead for Mastercard-client-encryption-java

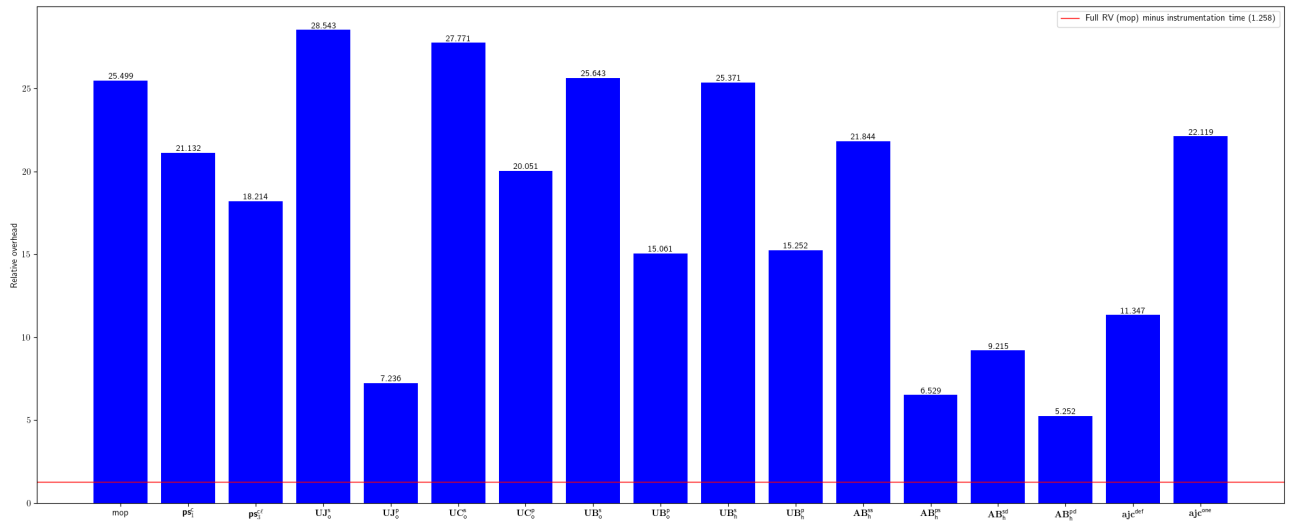


Fig. 53: Relative overhead for mdewilde-opml-parser

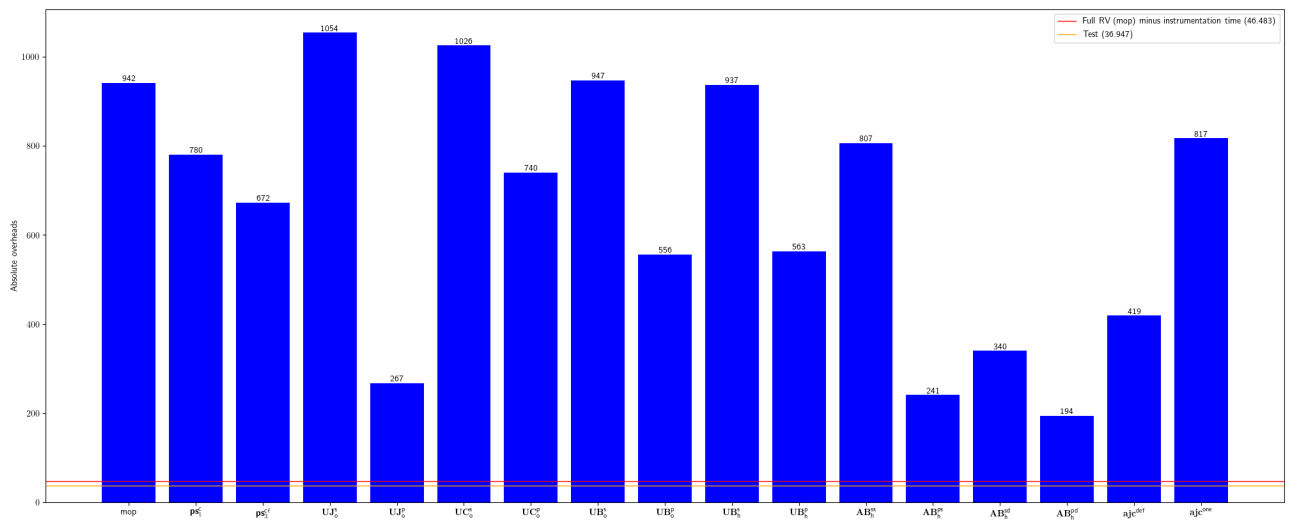


Fig. 54: Absolute overhead for mdewilde-opml-parser

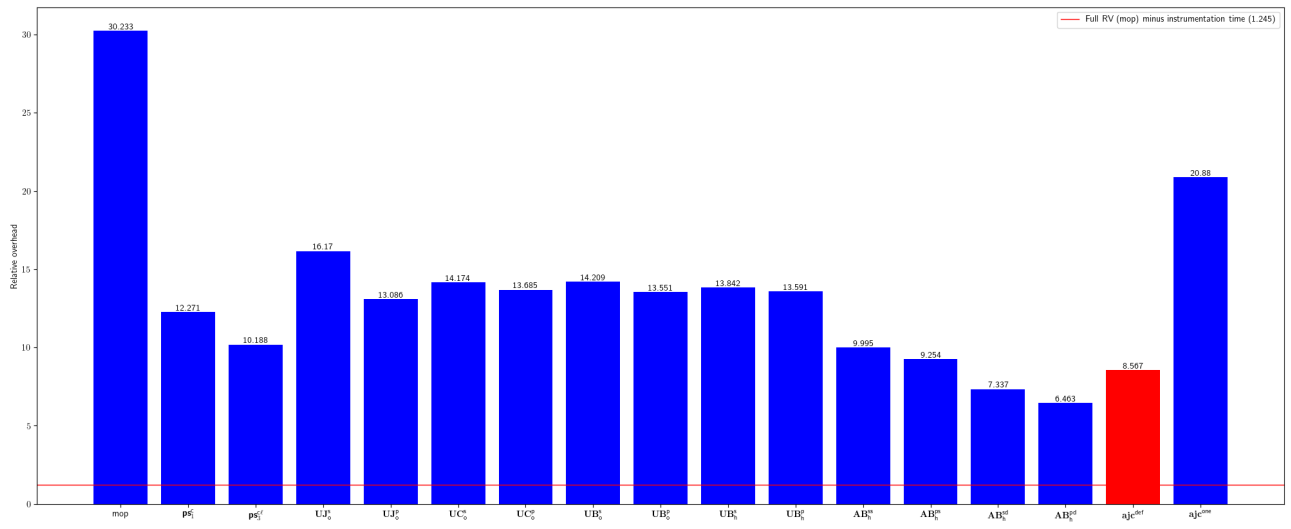


Fig. 55: Relative overhead for meltmedia-jgroups-aws

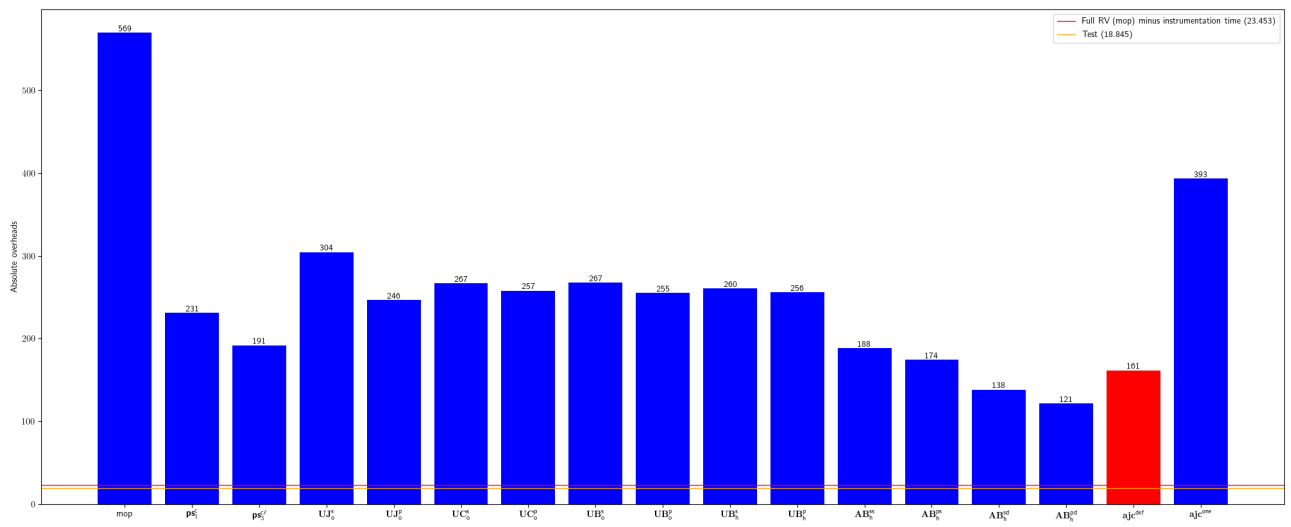


Fig. 56: Absolute overhead for meltmedia-jgroups-aws

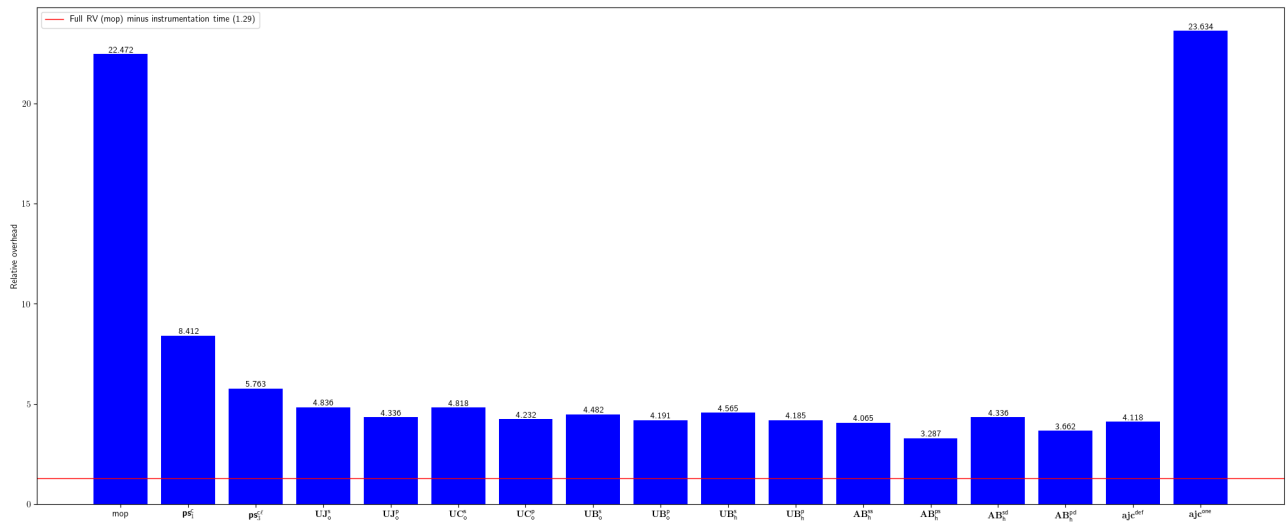


Fig. 57: Relative overhead for microfocus-idol-java-configuration-impl

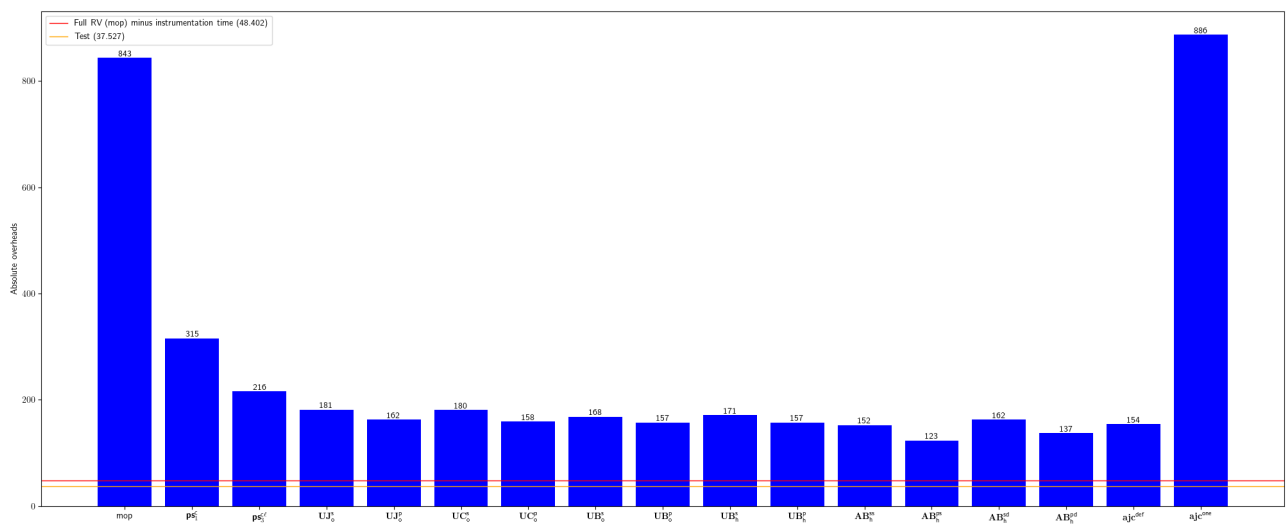


Fig. 58: Absolute overhead for microfocus-idol-java-configuration-impl

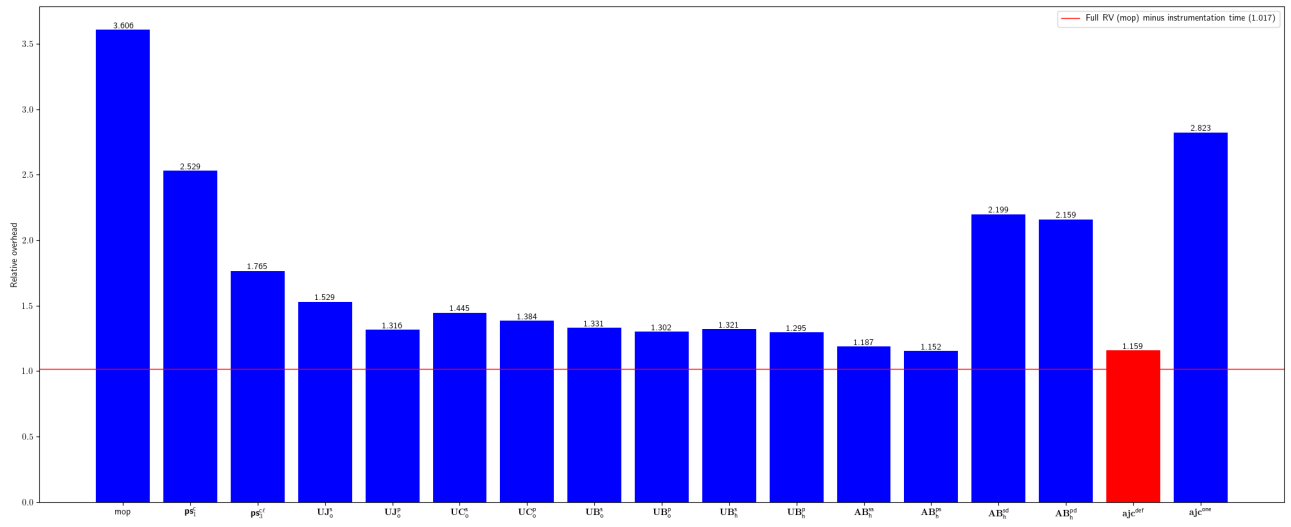


Fig. 59: Relative overhead for mitre-HTTP-Proxy-Servlet

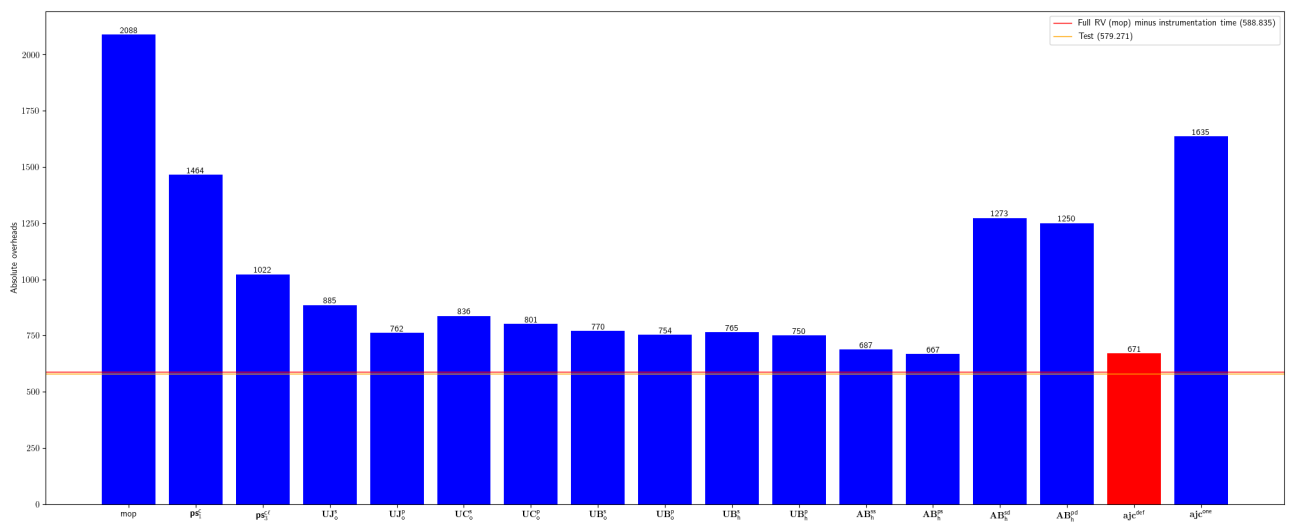


Fig. 60: Absolute overhead for mitre-HTTP-Proxy-Servlet



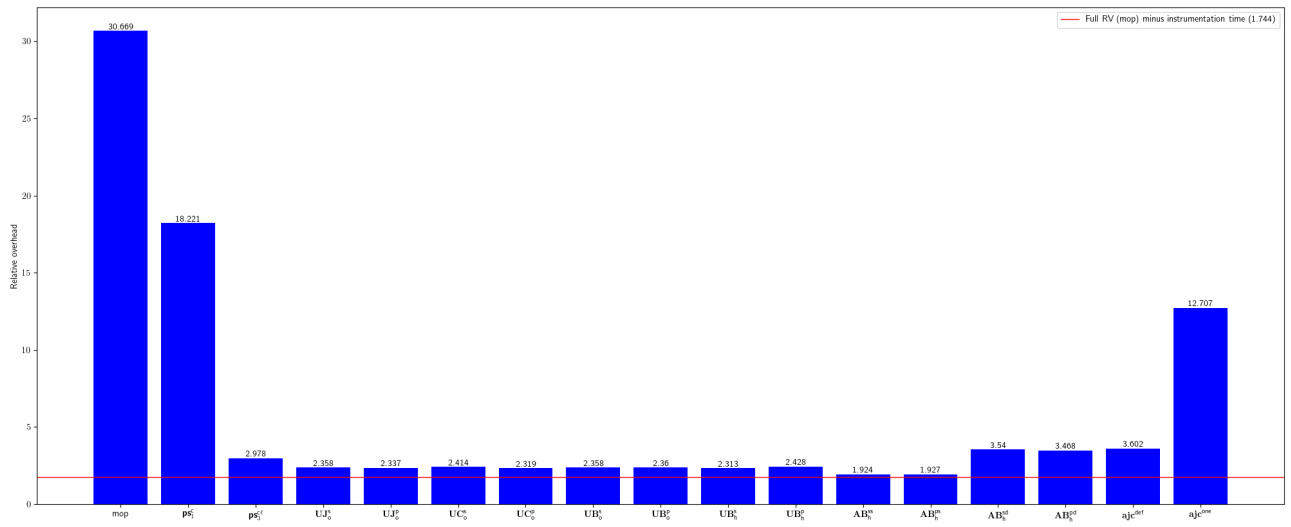


Fig. 61: Relative overhead for Pablissimo-SonarTsPlugin

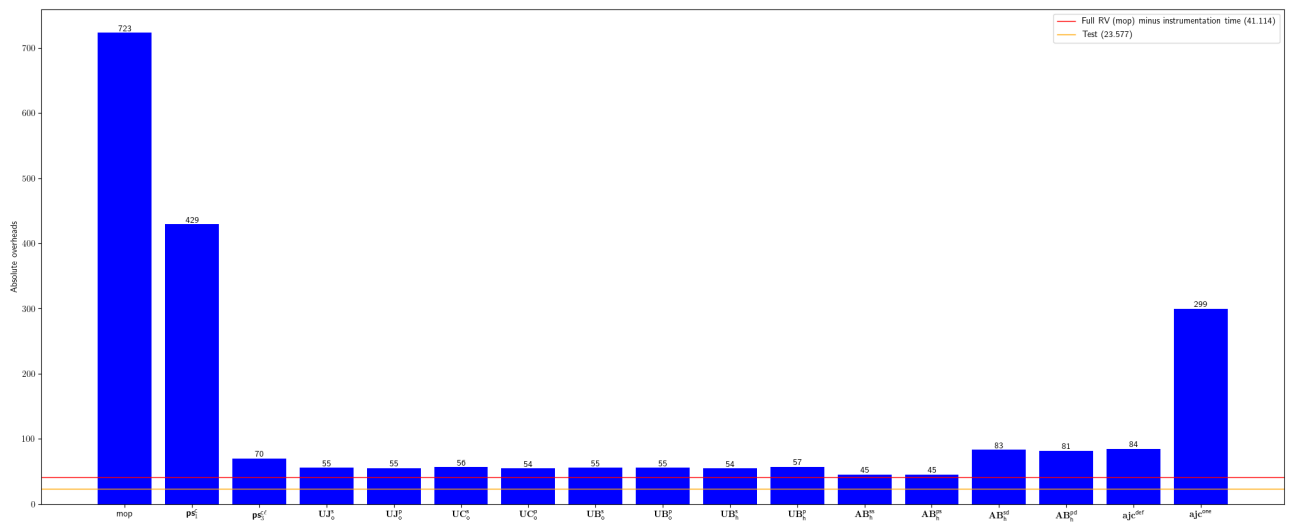


Fig. 62: Absolute overhead for Pablissimo-SonarTsPlugin

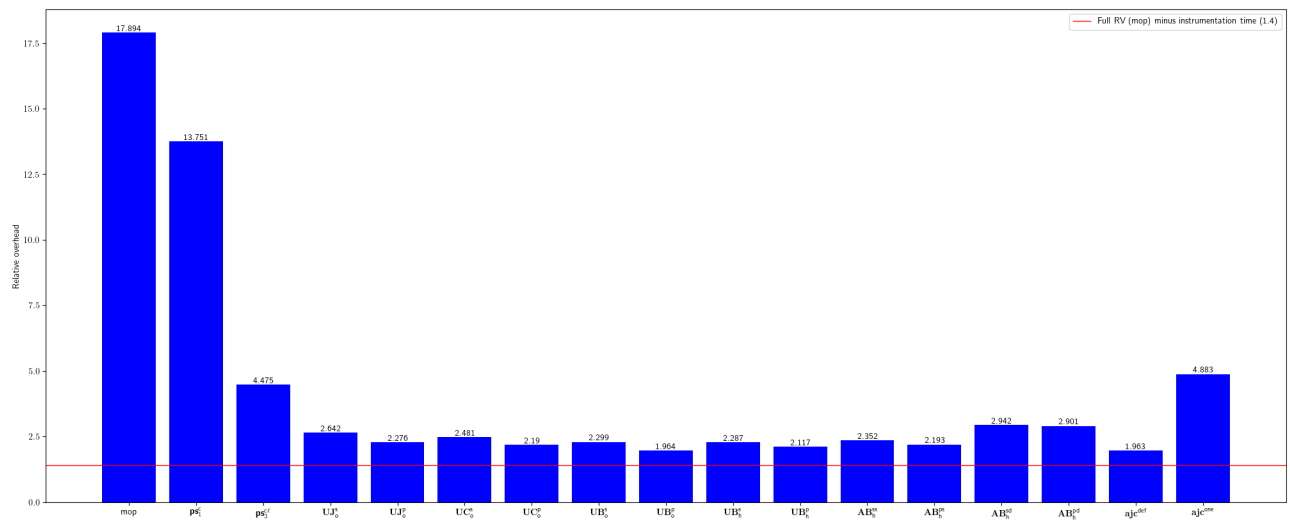


Fig. 63: Relative overhead for pagehelper-Mybatis-PageHelper

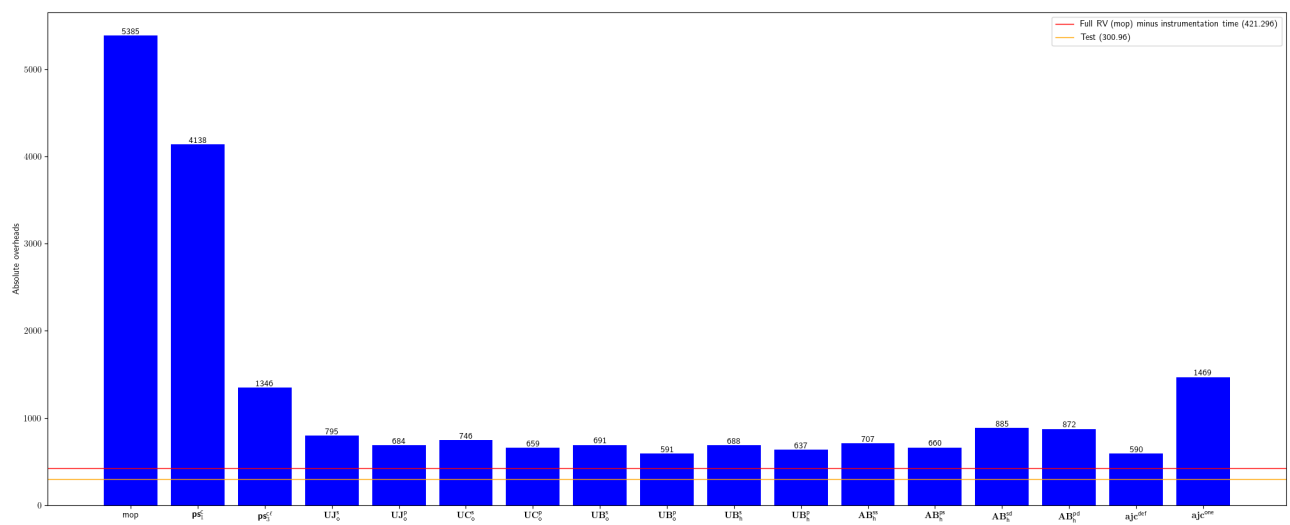


Fig. 64: Absolute overhead for pagehelper-Mybatis-PageHelper

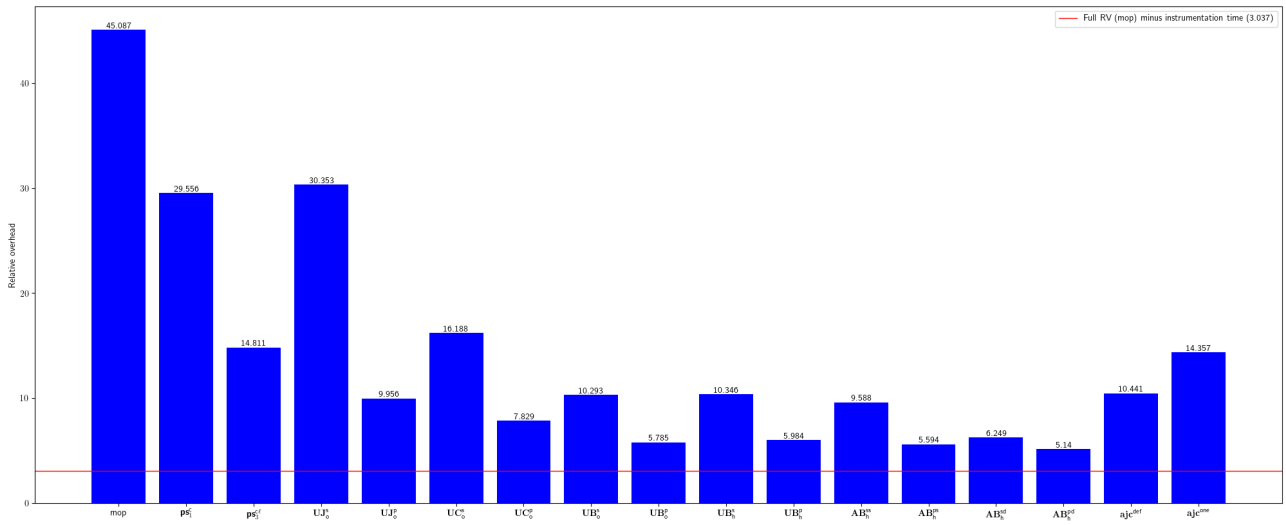


Fig. 65: Relative overhead for qoomon-banking-swift-messages-java

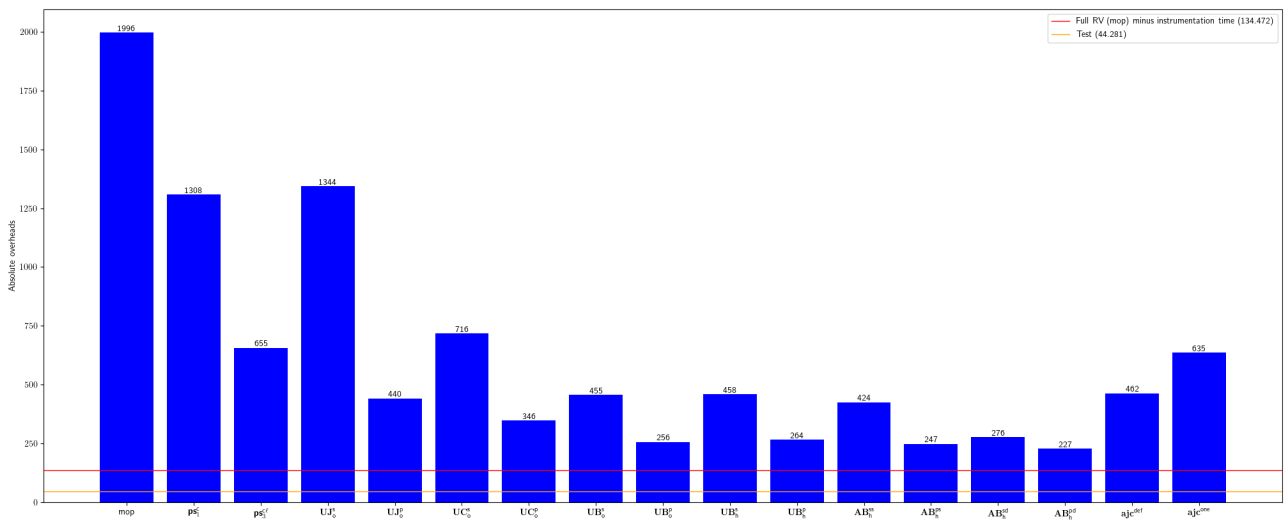


Fig. 66: Absolute overhead for qoomon-banking-swift-messages-java

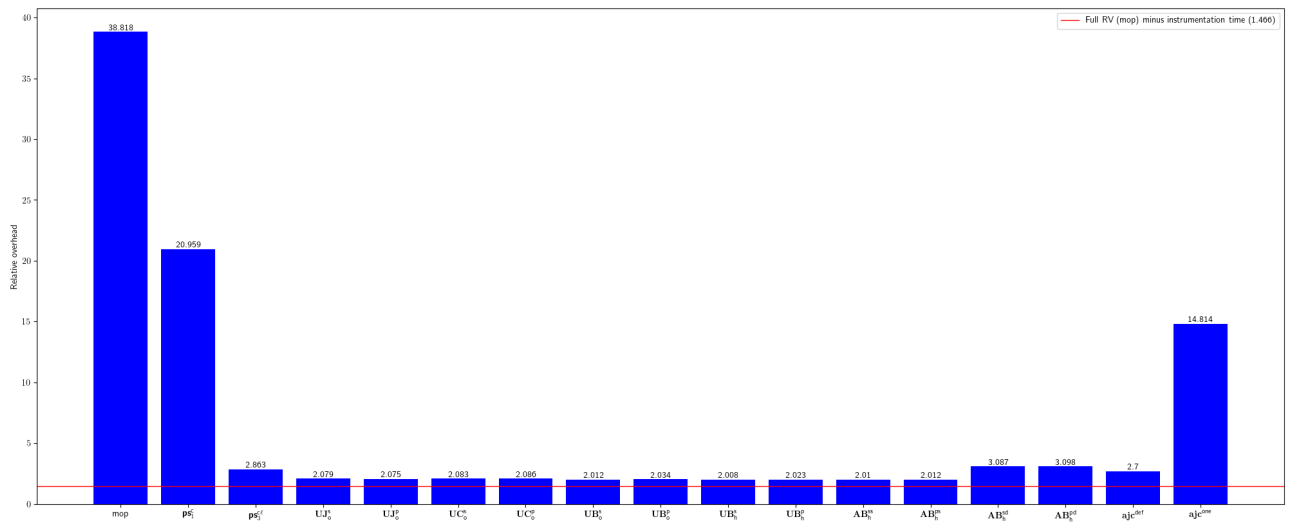


Fig. 67: Relative overhead for sailthru-sailthru-java-client

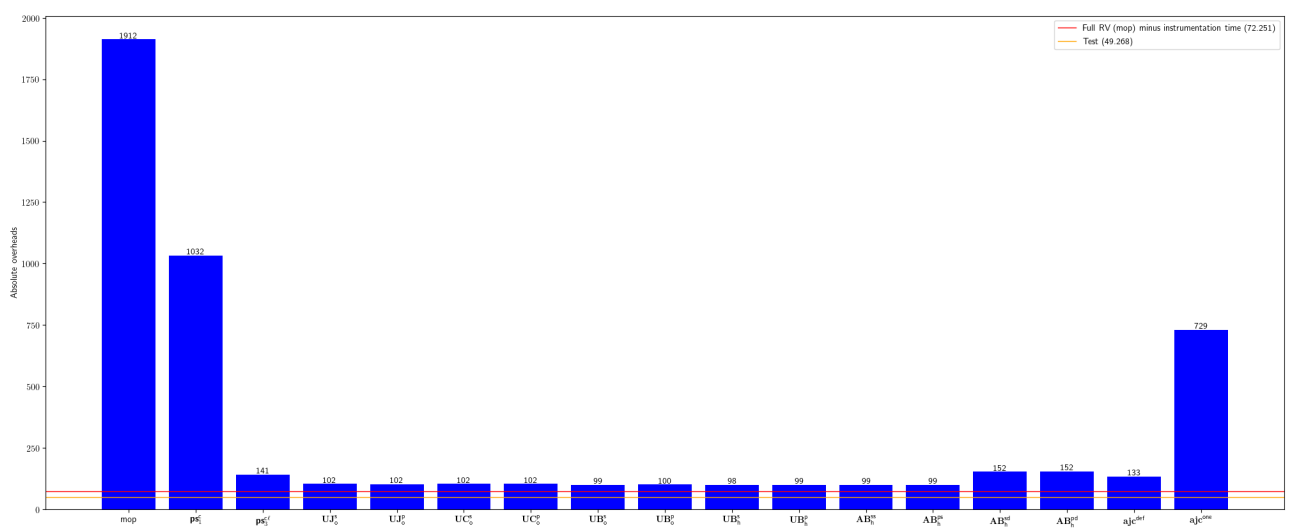


Fig. 68: Absolute overhead for sailthru-sailthru-java-client

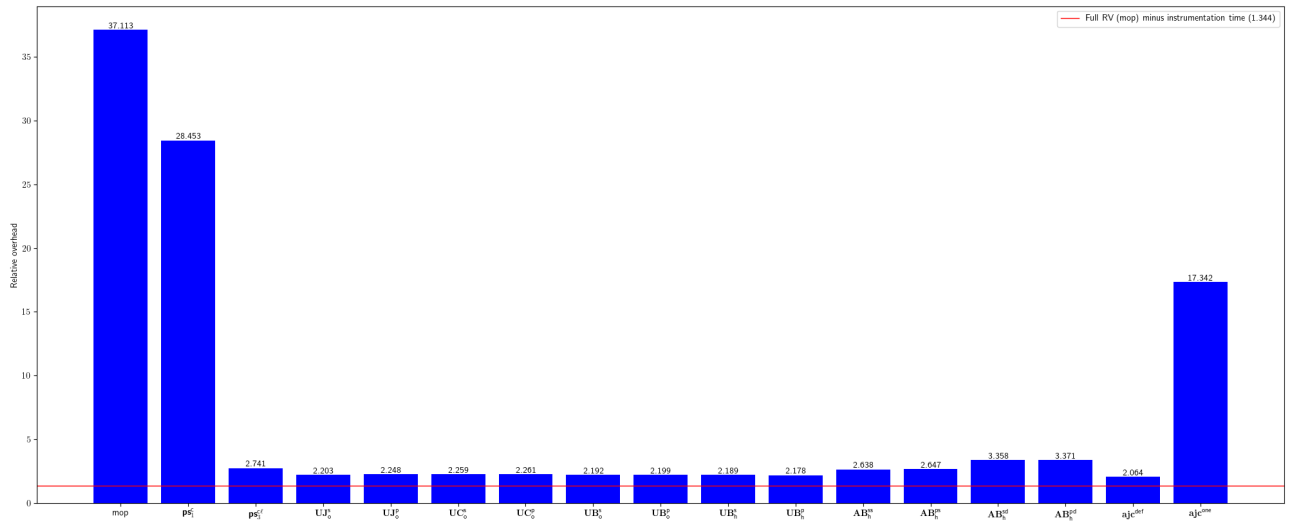


Fig. 69: Relative overhead for sbendorio-petscii-bbs

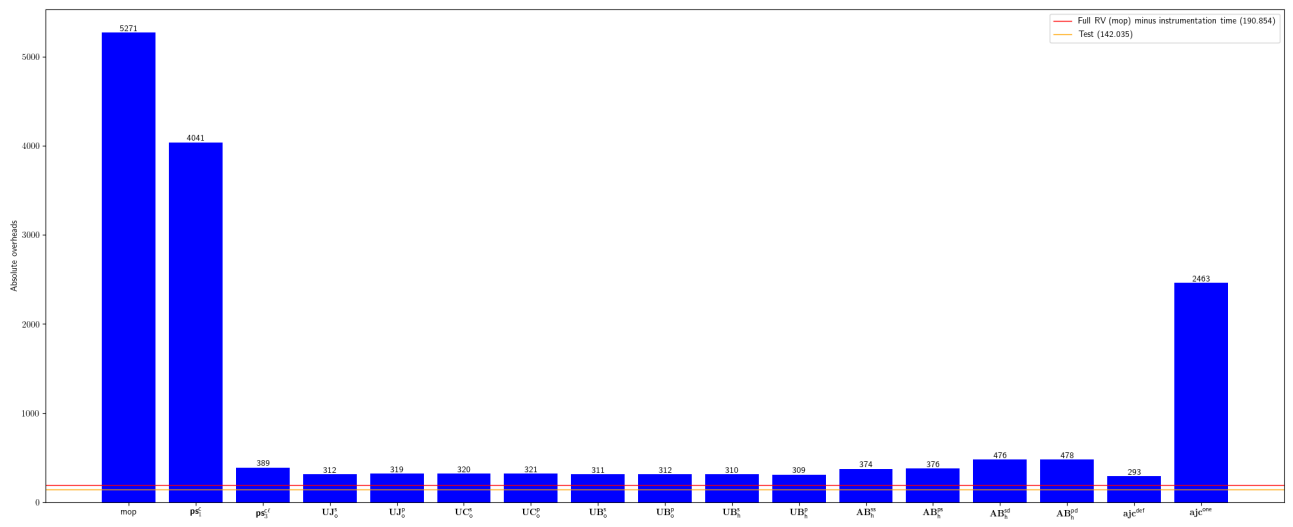


Fig. 70: Absolute overhead for sbendorio-petscii-bbs

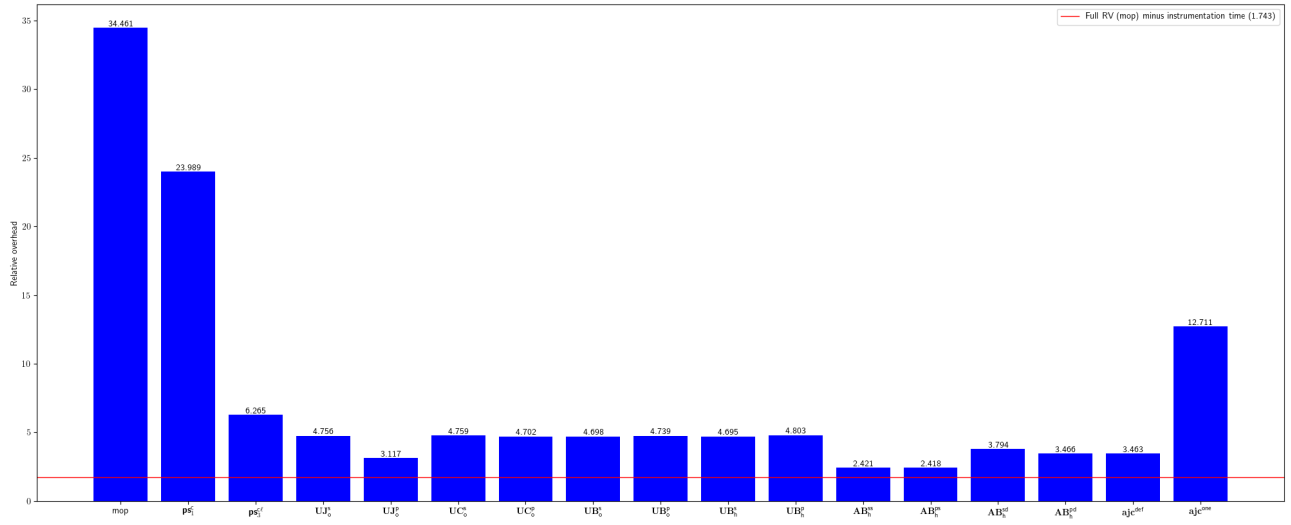


Fig. 71: Relative overhead for sigopt-sigopt-java

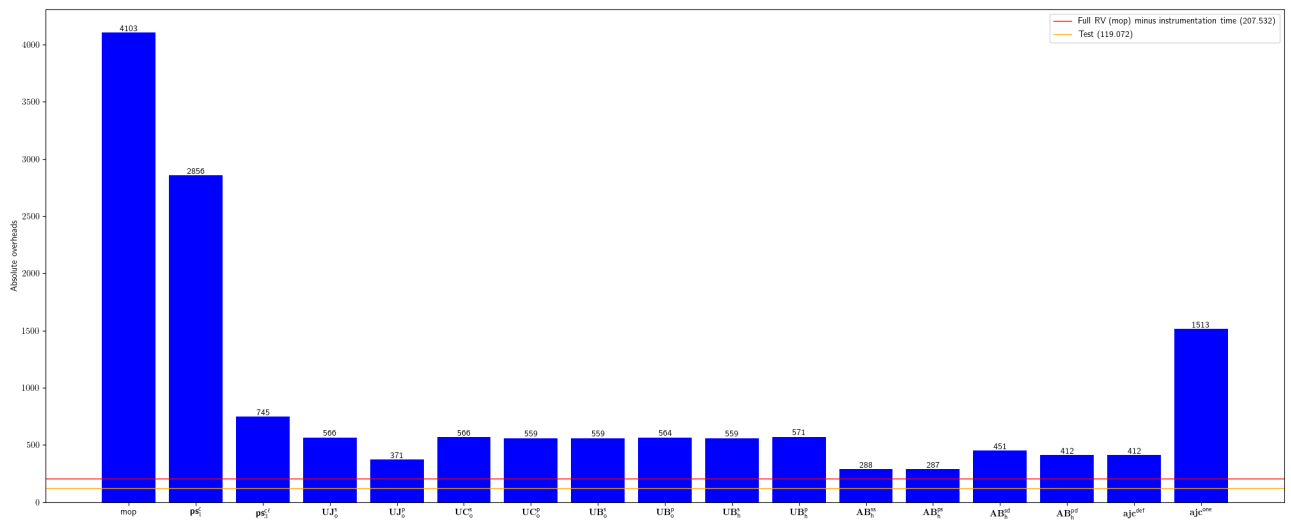


Fig. 72: Absolute overhead for sigopt-sigopt-java

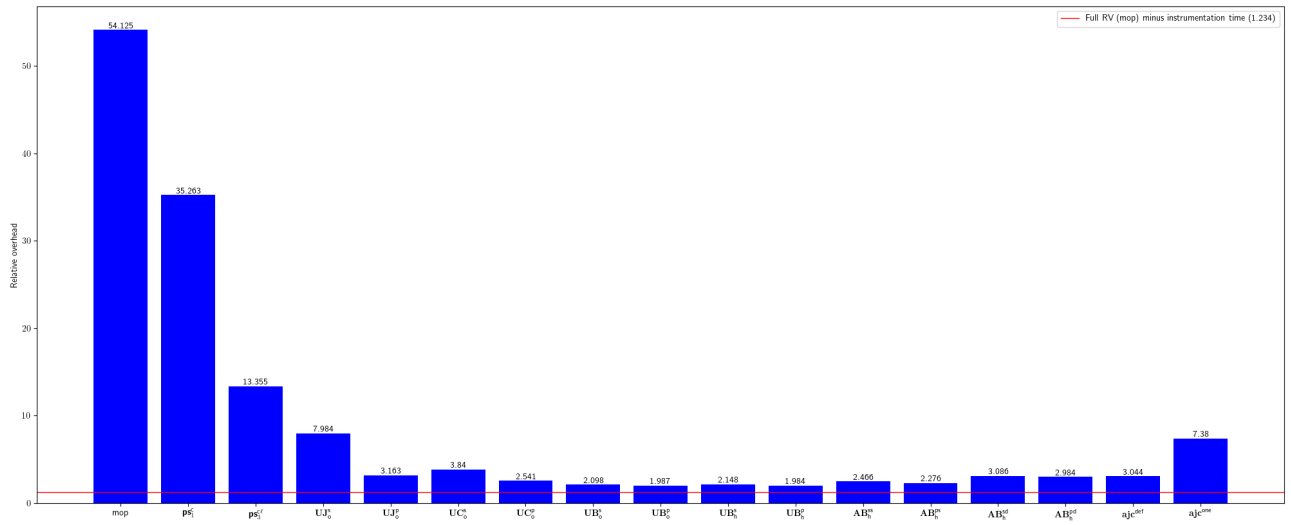


Fig. 73: Relative overhead for smartystreets-smartystreets-java-sdk

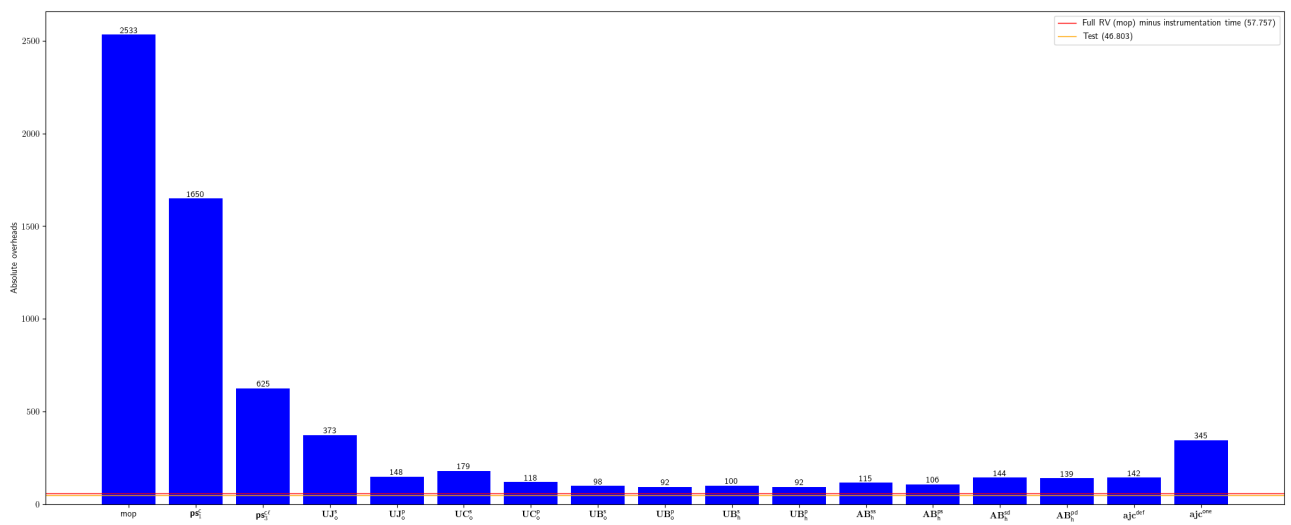


Fig. 74: Absolute overhead for smartystreets-smartystreets-java-sdk

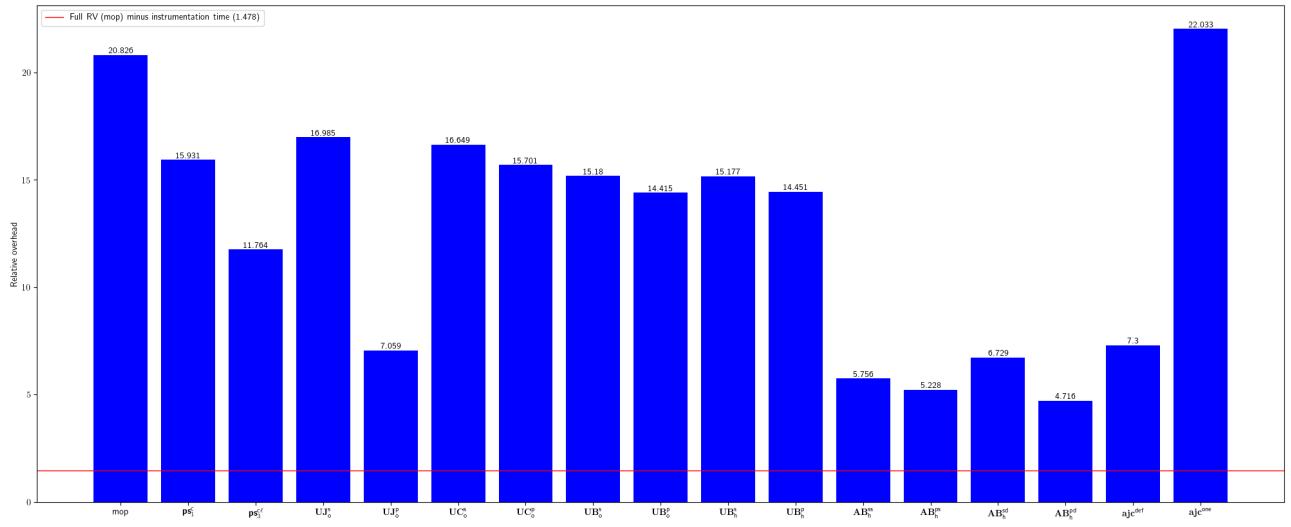


Fig. 75: Relative overhead for soot-oss-heros

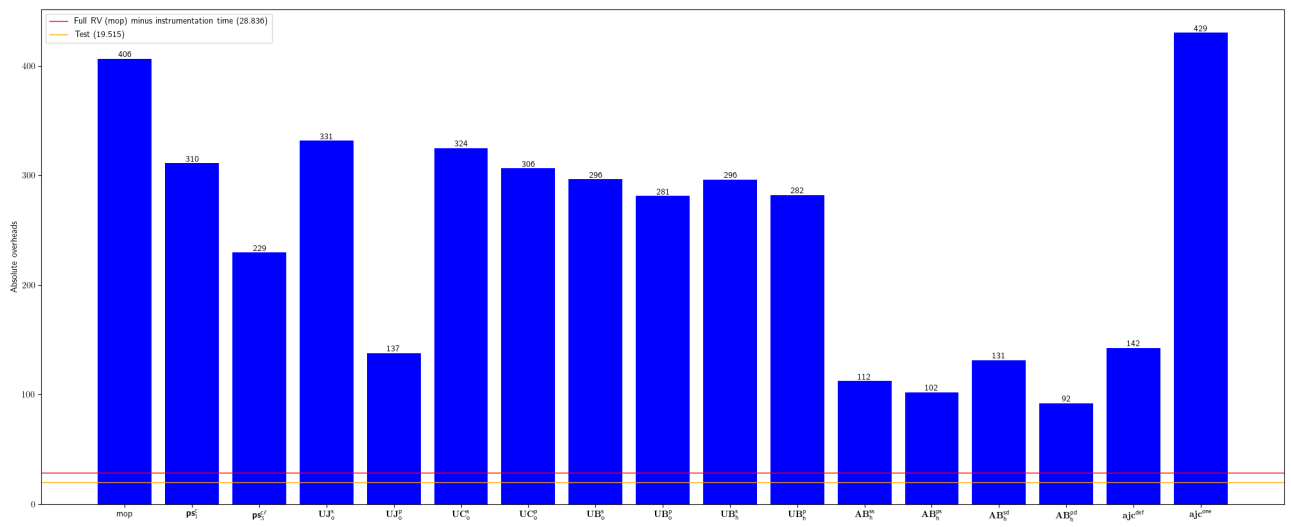


Fig. 76: Absolute overhead for soot-oss-heros



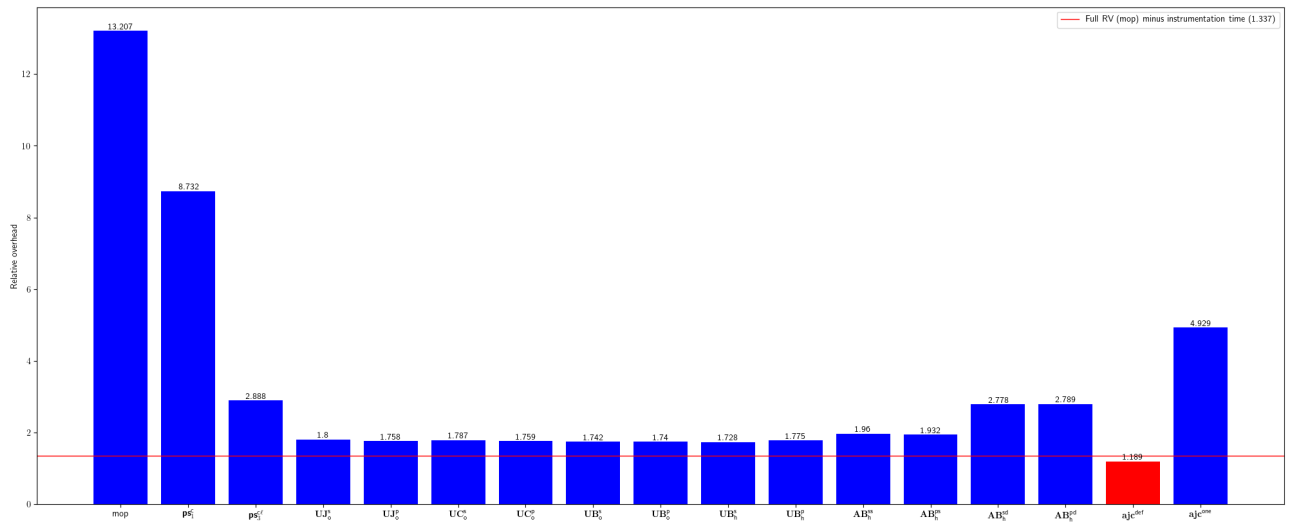


Fig. 77: Relative overhead for square-javapoet

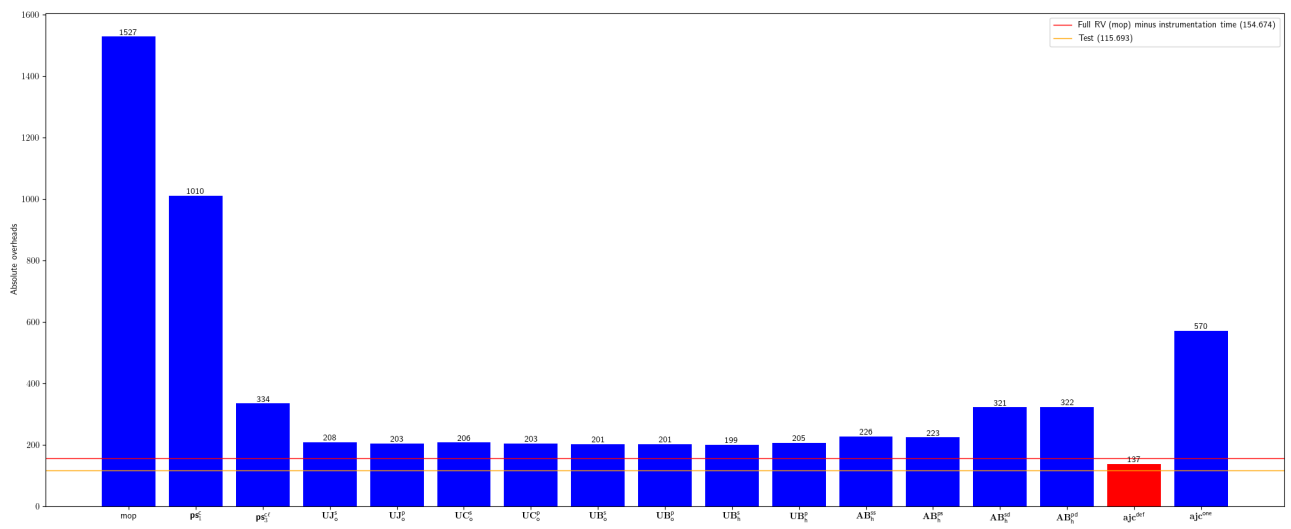


Fig. 78: Absolute overhead for square-javapoet

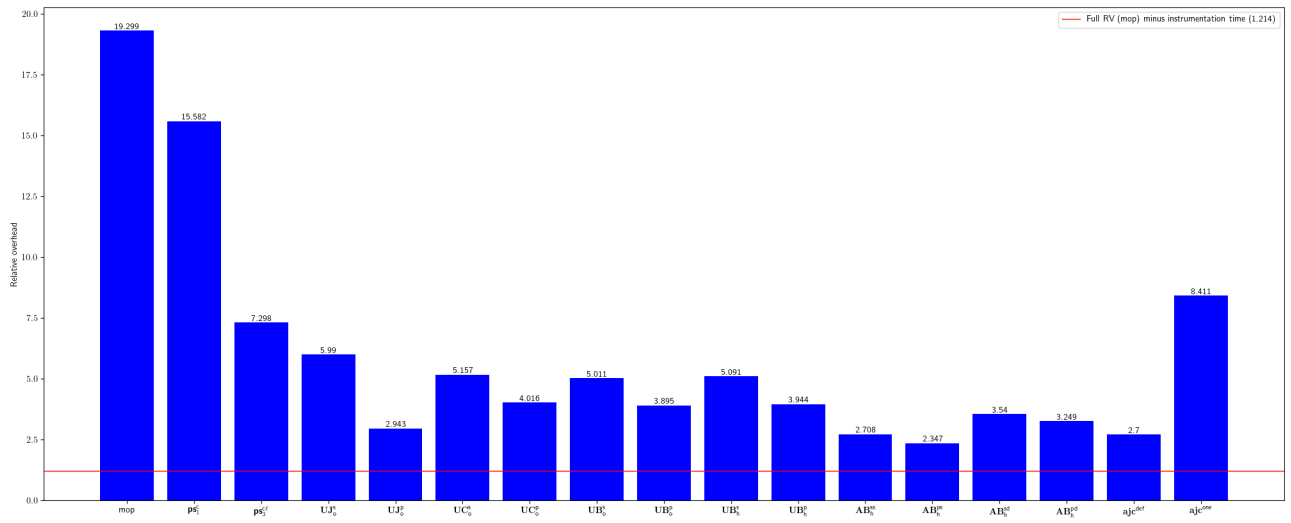


Fig. 79: Relative overhead for studerw-td-ameritrade-client

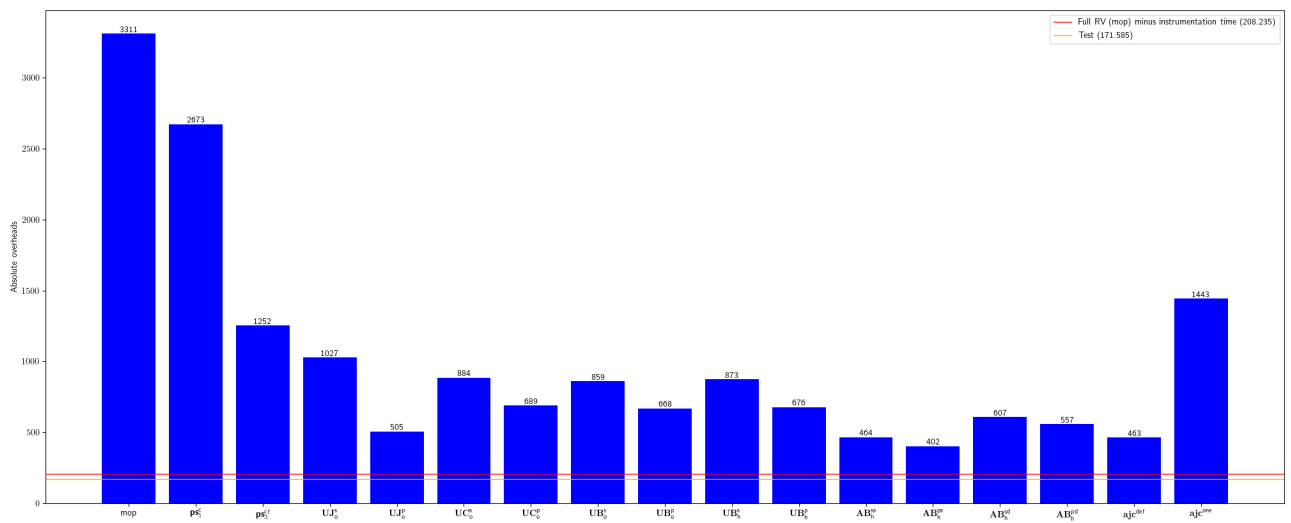


Fig. 80: Absolute overhead for studerw-td-ameritrade-client

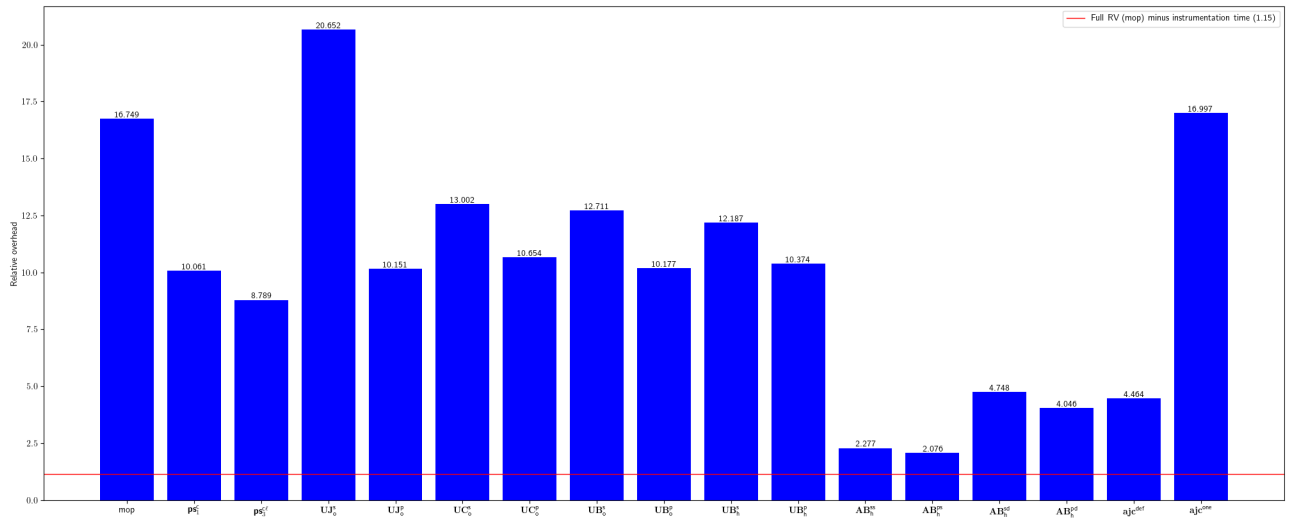


Fig. 81: Relative overhead for timmolter-Yank

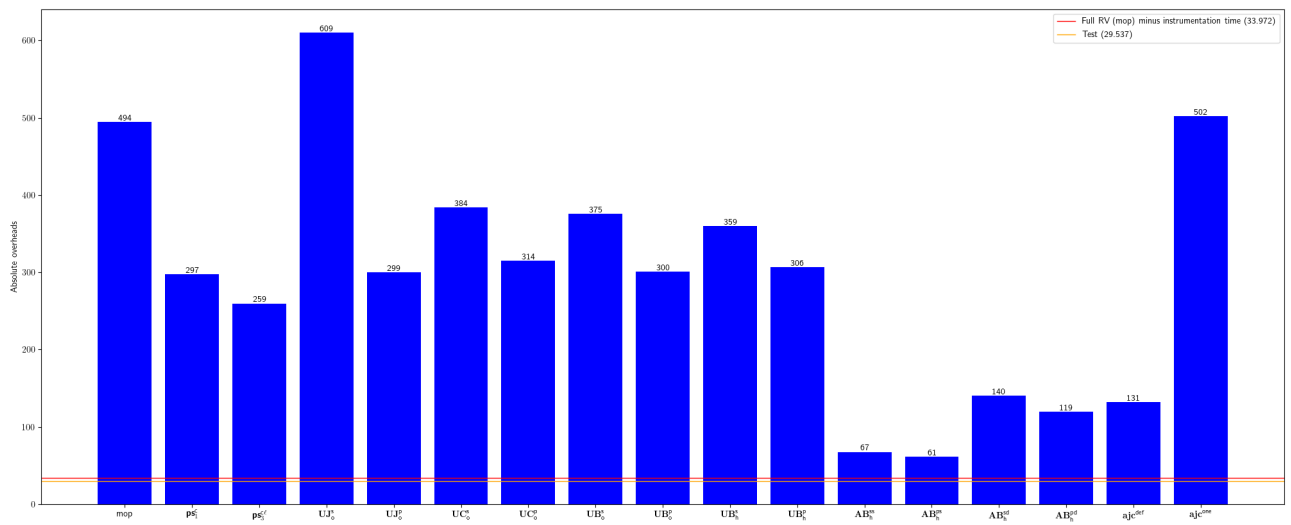


Fig. 82: Absolute overhead for timmolter-Yank

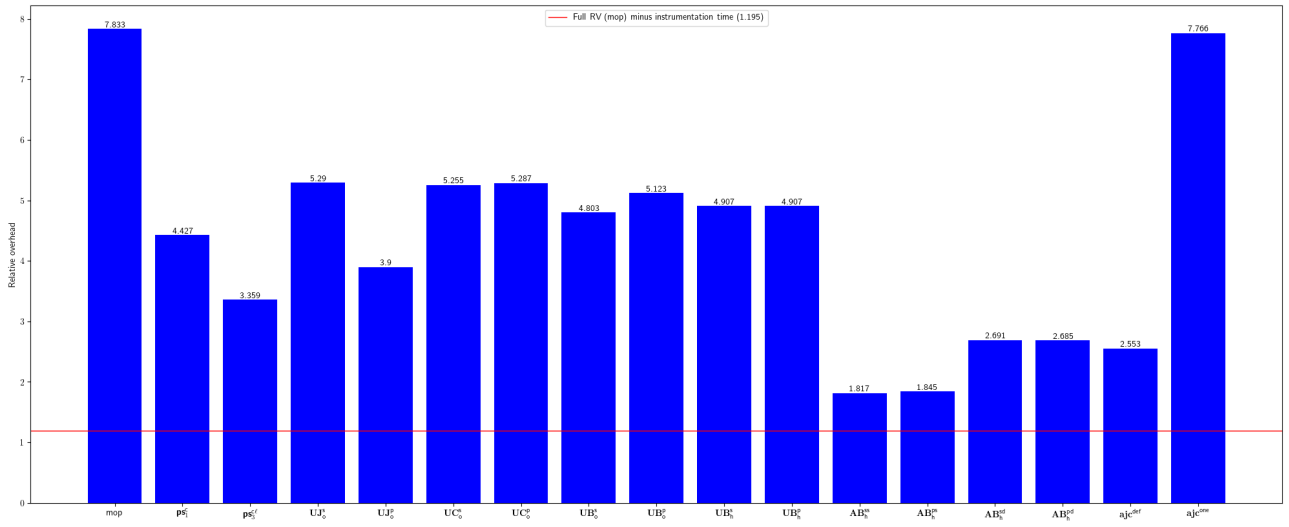


Fig. 83: Relative overhead for TNG-property-loader

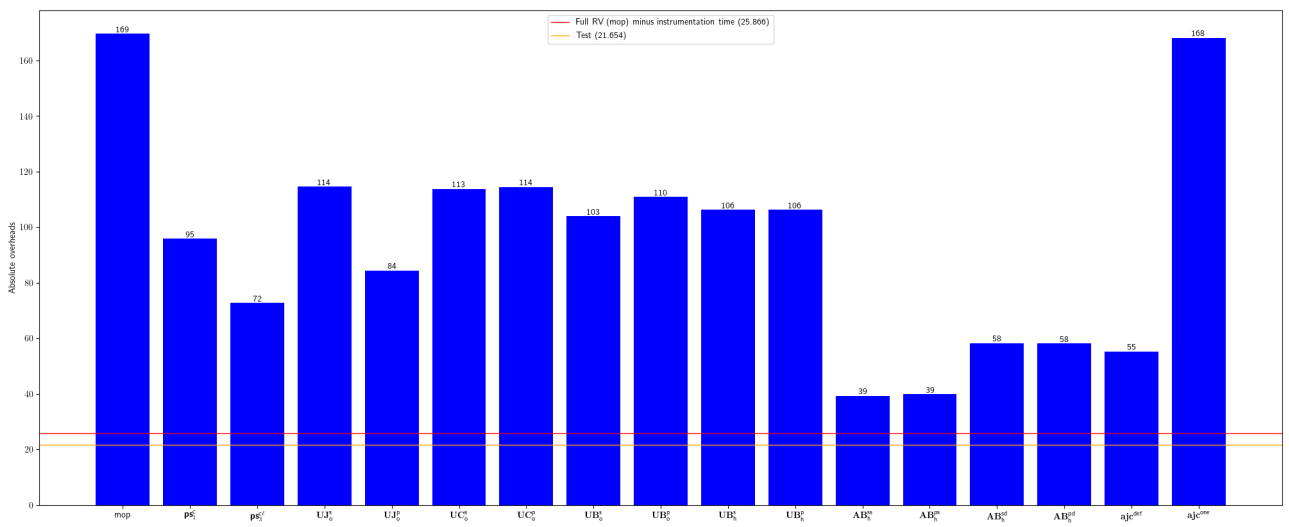


Fig. 84: Absolute overhead for TNG-property-loader

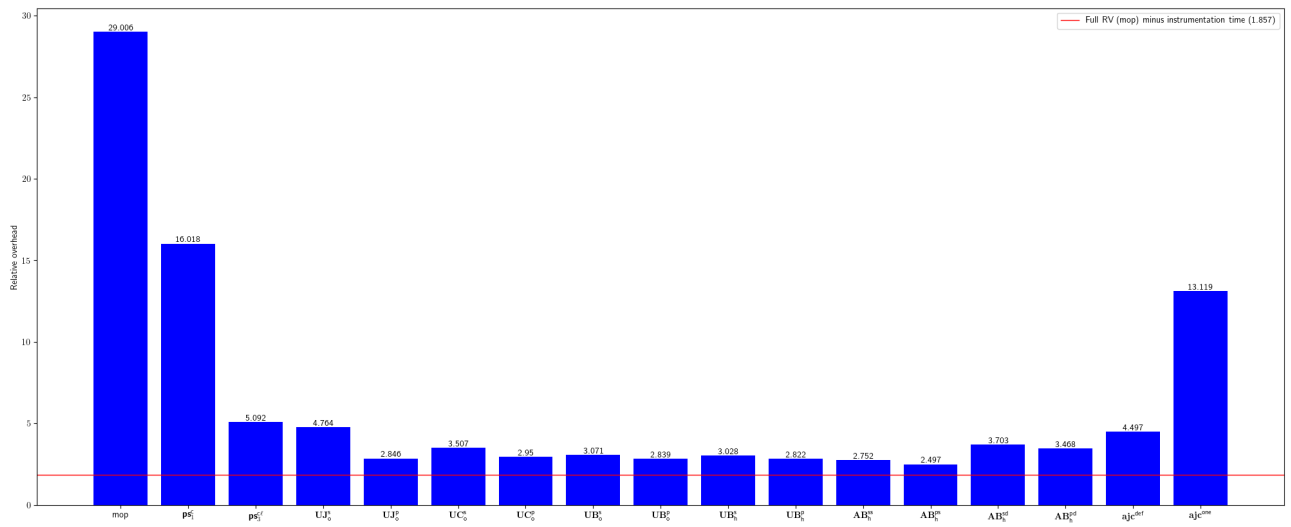


Fig. 85: Relative overhead for valfirst-jbehave-junit-runner

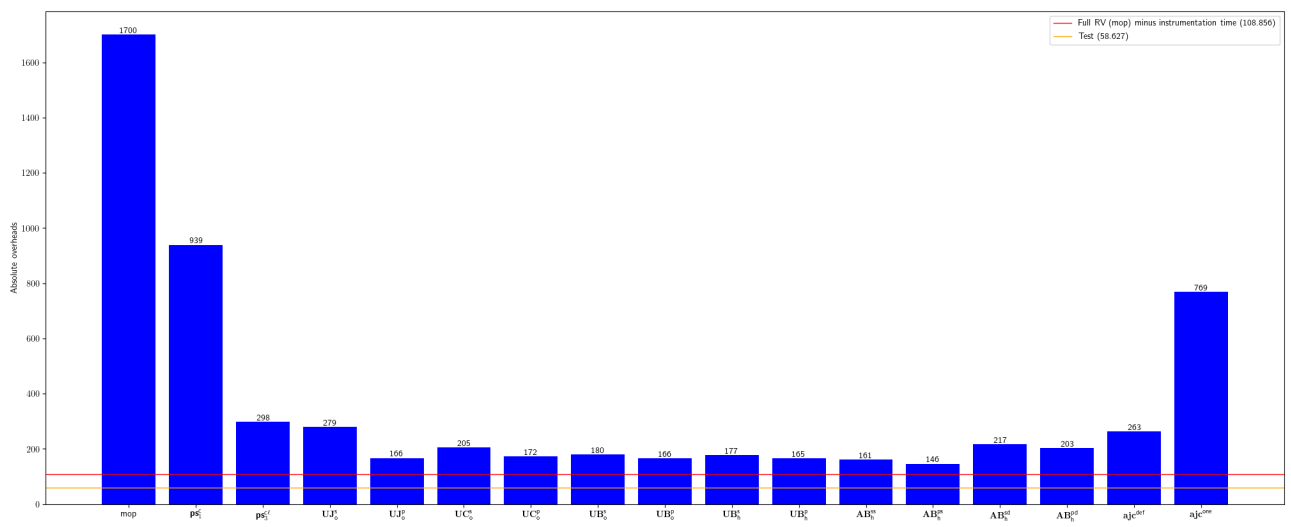


Fig. 86: Absolute overhead for valfirst-jbehave-junit-runner

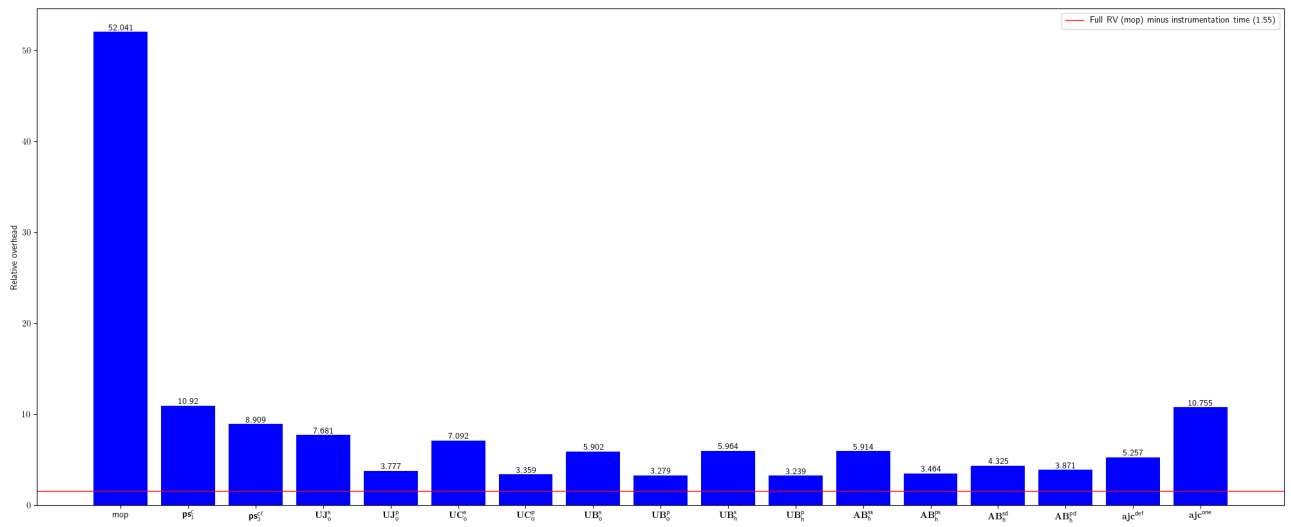


Fig. 87: Relative overhead for vaulttec-sonar-auth-oidc

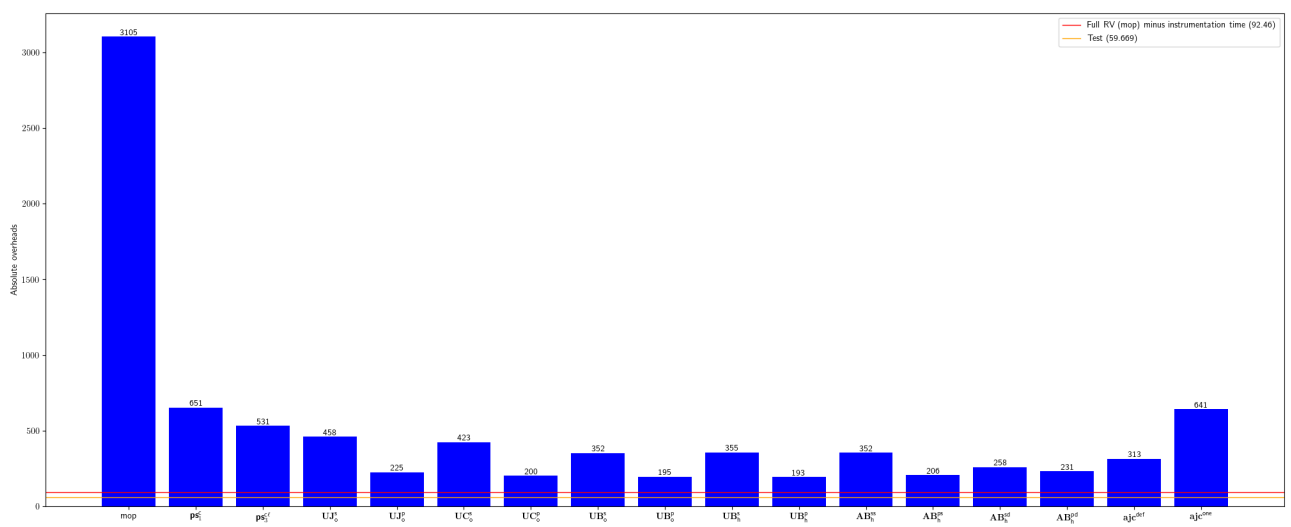


Fig. 88: Absolute overhead for vaulttec-sonar-auth-oidc

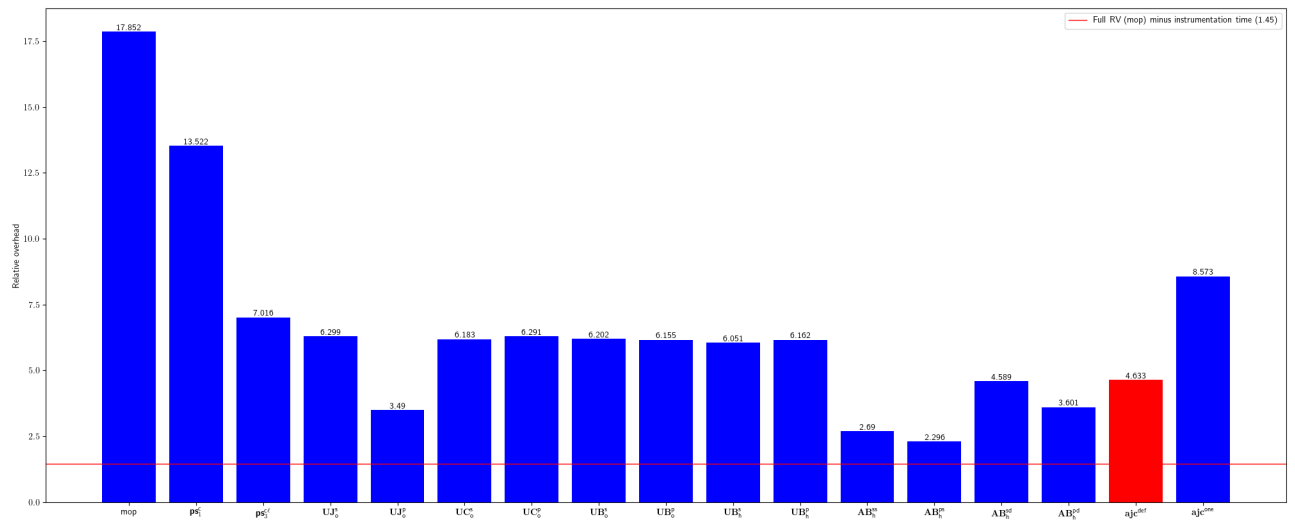


Fig. 89: Relative overhead for venushka-jmxeval

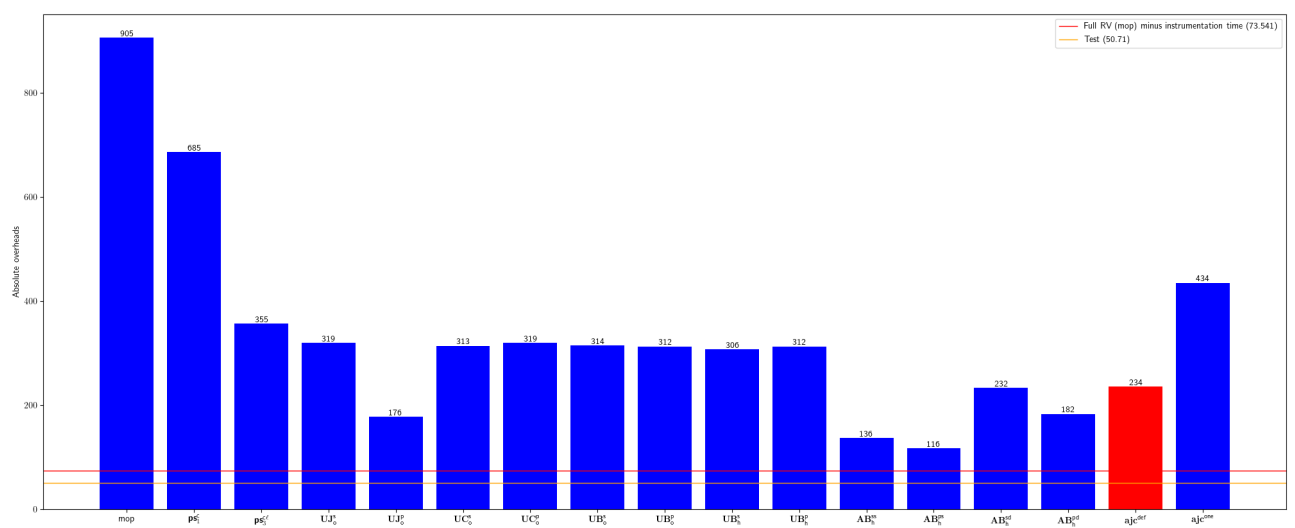


Fig. 90: Absolute overhead for venushka-jmxeval

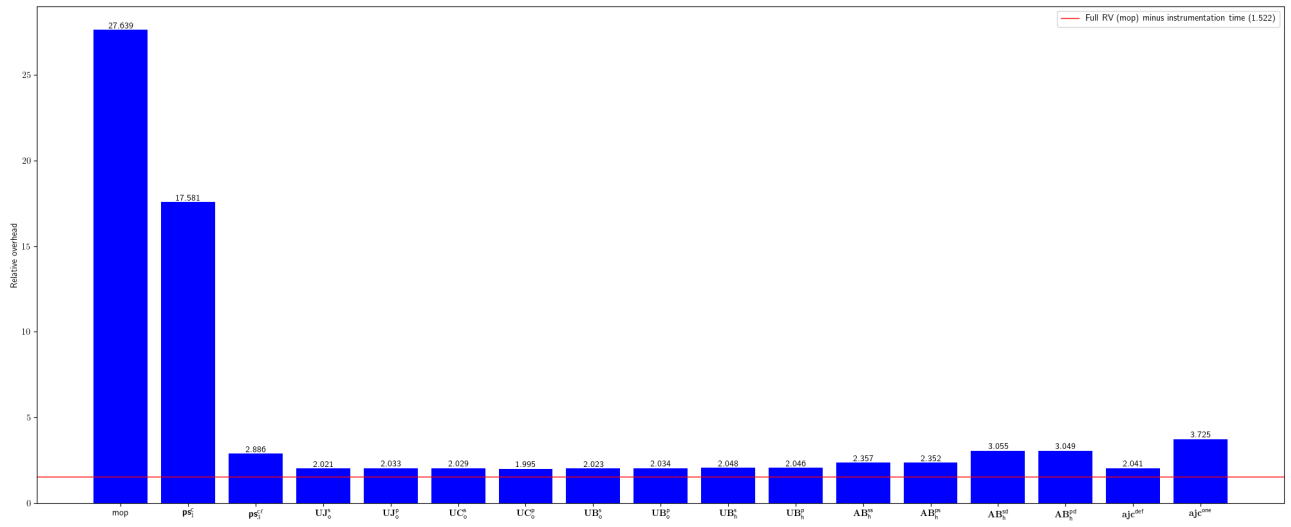


Fig. 91: Relative overhead for visenze-visearch-sdk-java

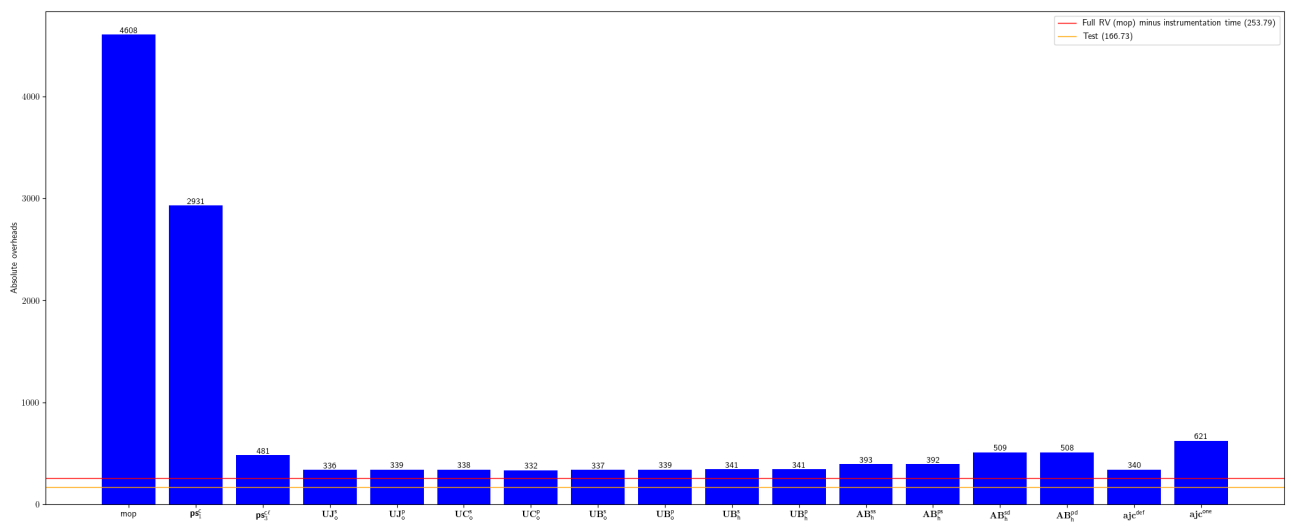


Fig. 92: Absolute overhead for visenze-visearch-sdk-java



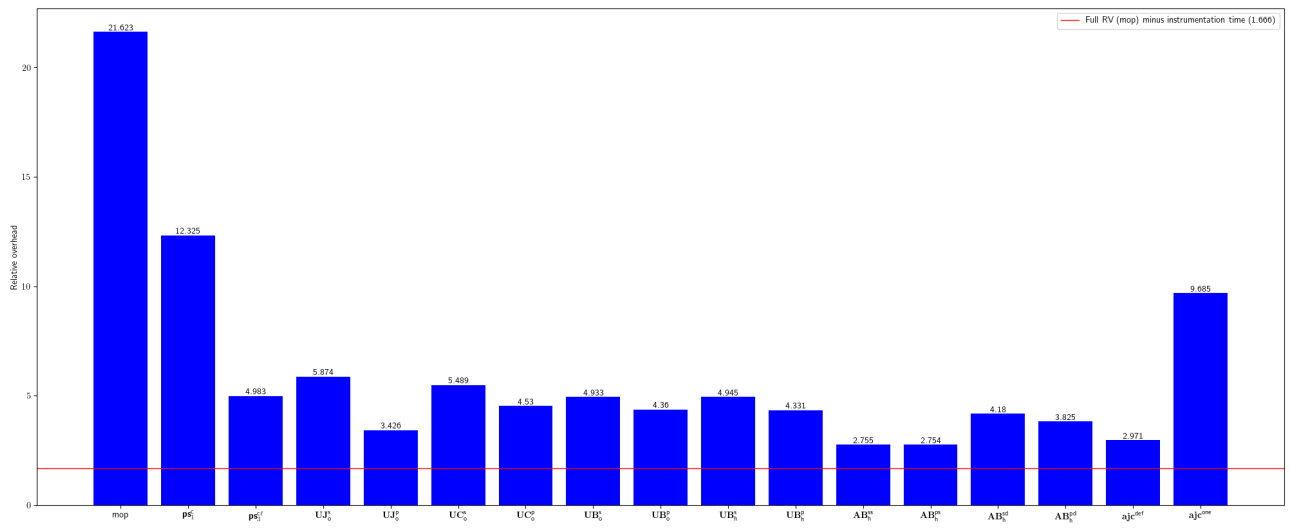


Fig. 93: Relative overhead for walmartlabs-gozer

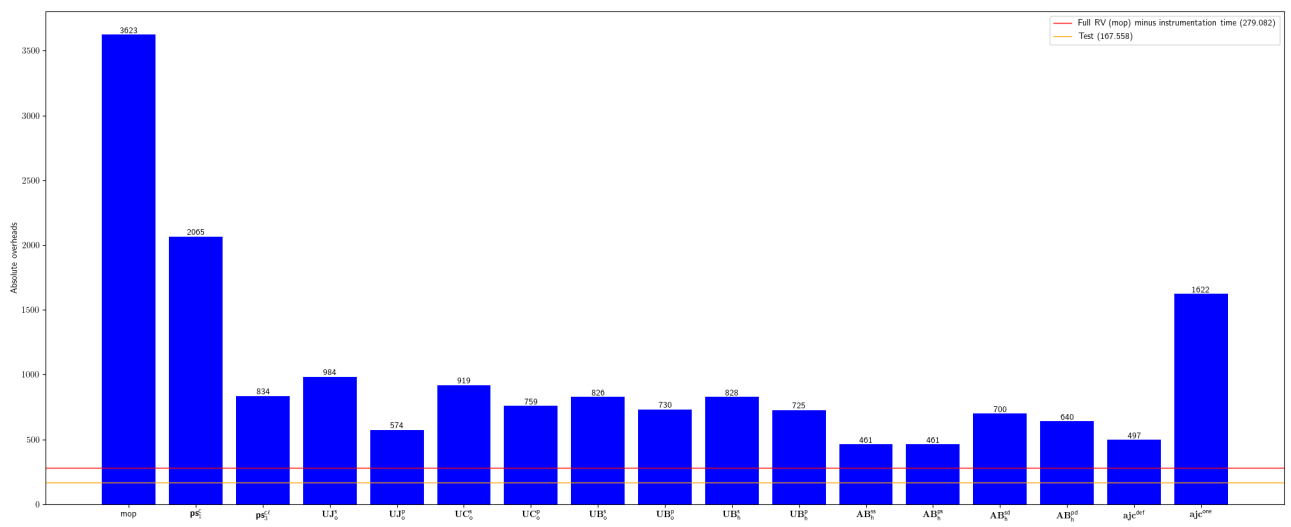


Fig. 94: Absolute overhead for walmartlabs-gozer

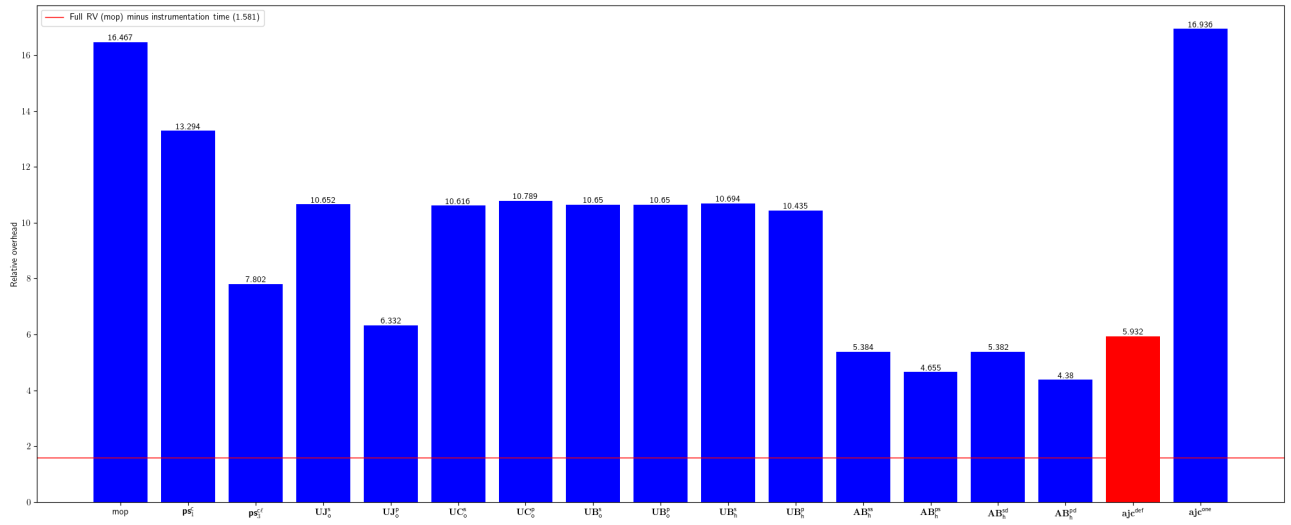


Fig. 95: Relative overhead for weswilliams-GivWenZen

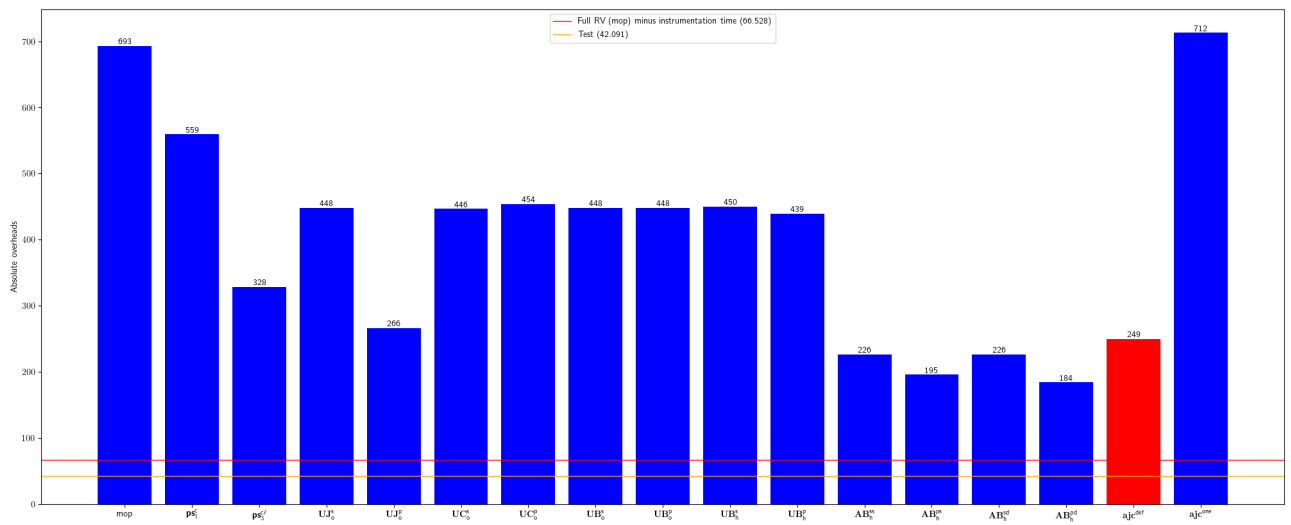


Fig. 96: Absolute overhead for weswilliams-GivWenZen

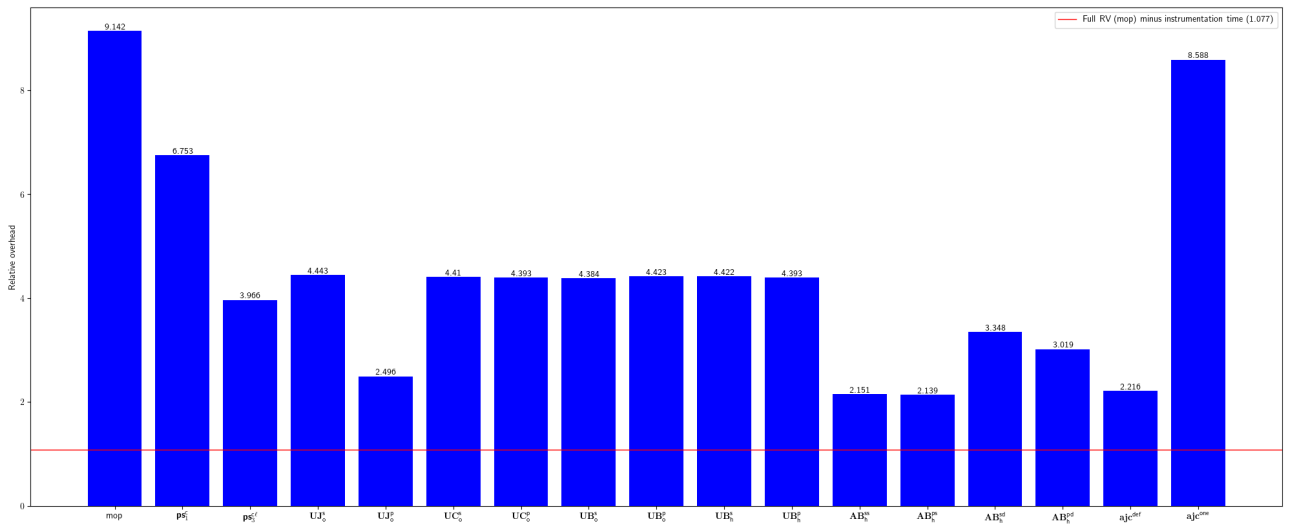


Fig. 97: Relative overhead for whizzosoftware-WZWave

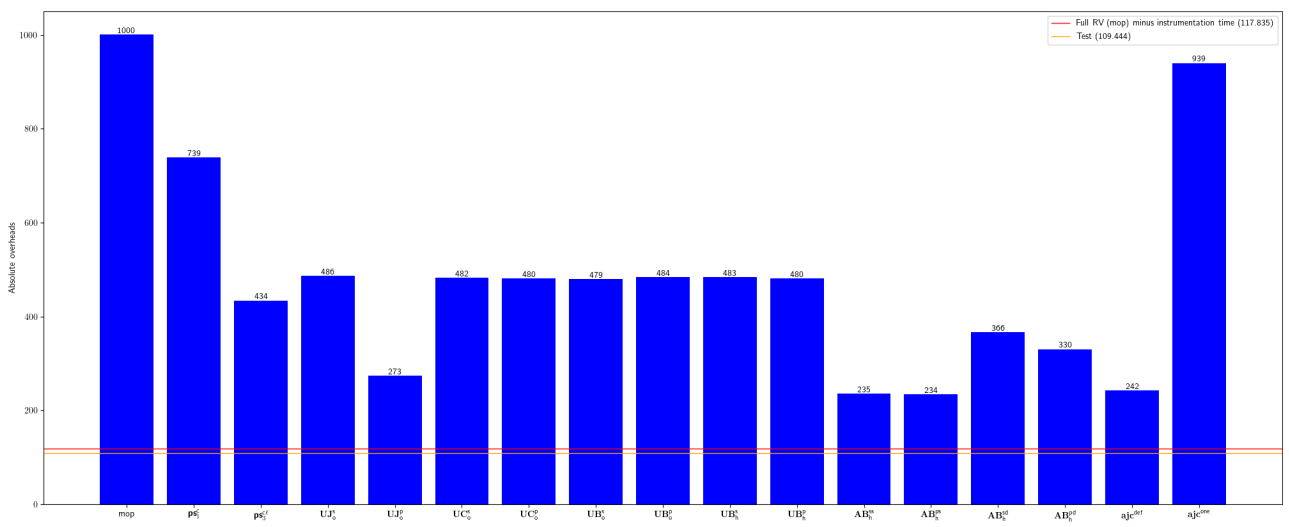


Fig. 98: Absolute overhead for whizzosoftware-WZWave