Table 1: Total execution time on $2 \times$ heap.

	G1	LXR	Shen
avrora	1.000	$0.951 \substack{-0.936 \\ +0.967}$	$1.034 {}^{\scriptscriptstyle -1.019}_{\scriptscriptstyle +1.049}$
batik	1.000	$1.008\ ^{\scriptscriptstyle{-1.003}}_{\scriptscriptstyle{+1.014}}$	$0.997 {}^{\scriptscriptstyle -0.992}_{\scriptscriptstyle +1.002}$
biojava	1.000	$0.943 {}^{-0.938}_{+0.948}$	$1.637 {}^{\scriptscriptstyle -1.627}_{\scriptscriptstyle +1.648}$
cass and ra	1.000	$0.978 {}^{-0.974}_{+0.983}$	$1.108{}^{\scriptscriptstyle -1.102}_{\scriptscriptstyle +1.114}$
eclipse	1.000	$1.028 {}^{\scriptscriptstyle -0.961}_{\scriptscriptstyle +1.095}$	$1.010{}^{-0.989}_{+1.032}$
fop	1.000	$0.932 {}^{-0.916}_{+0.949}$	$1.505 {}^{\scriptscriptstyle -1.464}_{\scriptscriptstyle +1.547}$
graphchi	1.000	$0.918 {}^{-0.904}_{+0.932}$	$1.914 {}^{\scriptscriptstyle -1.858}_{\scriptscriptstyle +1.969}$
h2	1.000	$0.965~^{-0.957}_{+0.974}$	$2.975 {}^{-2.950}_{+3.000}$
h2o	1.000	$0.907 {}^{-0.894}_{+0.920}$	$1.874^{{}^{-1.841}_{+1.908}}$
jme	1.000	$0.998 {}^{-0.996}_{+0.999}$	$1.004^{{}^{-1.002}_{+1.005}}$
jython	1.000	$0.952~^{-0.947}_{+0.957}$	$1.798 {}^{\scriptscriptstyle -1.776}_{\scriptscriptstyle +1.819}$
kafka	1.000	$1.085\ ^{-0.925}_{+1.250}$	$0.990 {}^{\scriptscriptstyle -0.920}_{\scriptscriptstyle +1.065}$
luindex	1.000	$0.934 {}^{-0.927}_{+0.942}$	$1.075 {}^{\scriptscriptstyle -1.065}_{\scriptscriptstyle +1.084}$
luse arch	1.000	$0.724~^{\scriptscriptstyle -0.717}_{\scriptscriptstyle +0.732}$	$11.288{}^{\scriptscriptstyle -11.155}_{\scriptscriptstyle +11.422}$
pmd	1.000	$0.898 {}^{-0.886}_{+0.910}$	$1.734 {}^{\scriptscriptstyle -1.710}_{\scriptscriptstyle +1.759}$
spring	1.000	$0.935\ ^{-0.927}_{+0.944}$	$3.492 {}^{\scriptscriptstyle{-3.445}}_{\scriptscriptstyle{+3.539}}$
sunflow	1.000	$0.643~^{\tiny{-0.603}}_{\tiny{+0.685}}$	$6.878 \substack{+6.595 \\ +7.178}$
tomcat	1.000	$1.004~^{\tiny{-0.999}}_{\tiny{+1.010}}$	$2.539 \substack{+2.513 \\ +2.564}$
trade beans	1.000	$1.063~^{\scriptscriptstyle{-1.050}}_{\scriptscriptstyle{+1.076}}$	$1.079 {}^{\scriptscriptstyle -1.065}_{\scriptscriptstyle +1.094}$
trades oap	1.000	$0.959 {}^{-0.951}_{+0.967}$	$1.156 {}^{\scriptscriptstyle{-1.142}}_{\scriptscriptstyle{+1.170}}$
xalan	1.000	$0.449~^{-0.446}_{+0.452}$	$7.574^{{-7.503}}_{+7.645}$
zxing	1.000	$0.956 {}^{\scriptscriptstyle -0.924}_{\scriptscriptstyle +0.990}$	$1.061~^{\scriptscriptstyle{-1.029}}_{\scriptscriptstyle{+1.095}}$
mean	1.000	0.920	2.533
$\underline{geomean}$	1.000	0.906	1.843