

Table 1: Total execution time on 2× heap.

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