Number of variants 116 k 205 k 404 k 864 k 2.37 M 7.25 M 21418s* bcftools query 10^{4} Zarr + pandas to csv 10^{3} Savvv C++ Time (seconds) 209s Zarr (memory) 10² 10^{1} 5s 10⁰ 0.5s 10^{-1} 10-2 10^{1} 10^{2} 10^{3} 10⁵ 10^{6} 10^{4}

Number of samples