Elapsed Time for OpenMP GMP Operations on Ryzen 3970X 32-Core (dim=100,000,000, prec=512) 0.39 0.40 0.38 0.35 0.33 0.33 0.33 0.32 0.32 0.30 **(s)** Elapsed Time 0.20 0.15 0.15 naive C orig(gmpxx mkll(gmpx) mkIISR(gm_| 0.10 0.05 0.00

Operation