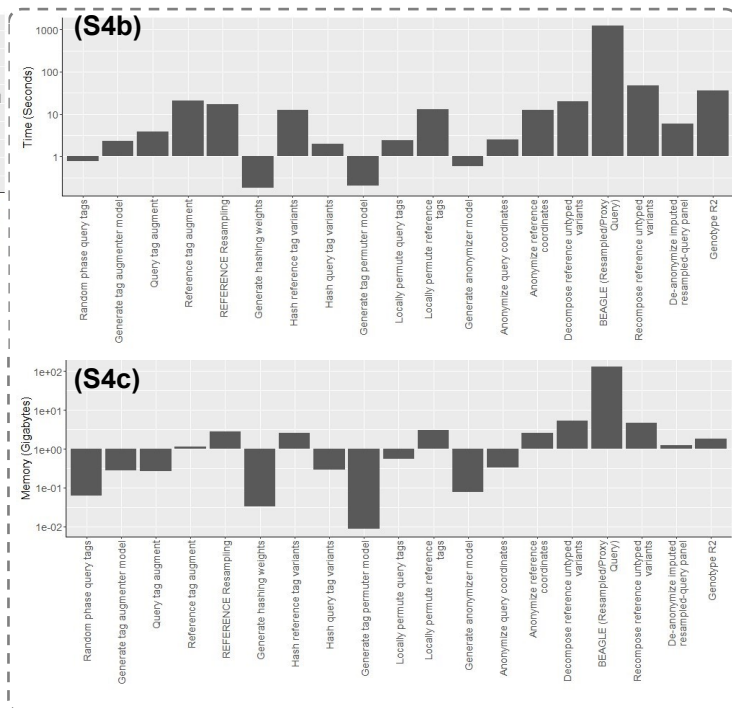


Phased Query Protocol (Memory)



Unphased Query Protocol

Supplemental Figure S4. Time/Memory usage of ProxyTyper's imputation protocols. **(a)** Memory usage of phased query protocol. Each bar shows the memory usage (in Gigabytes of main memory) of the corresponding step. **(b)** Time usage (in seconds) of each step of the unphased query protocol. **(c)** Memory usage of the unphased query protocol.