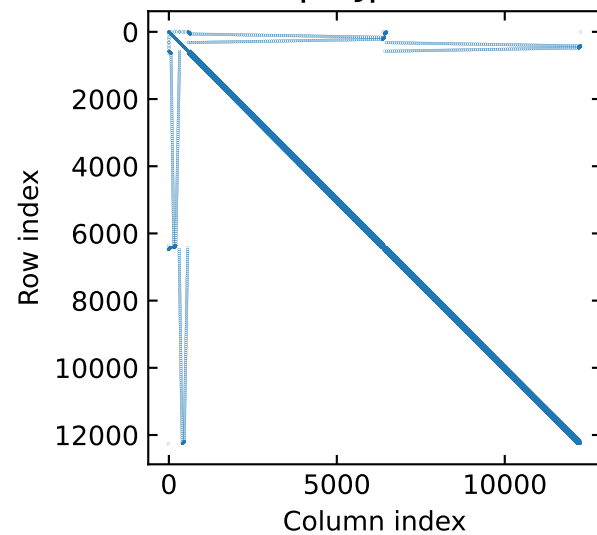
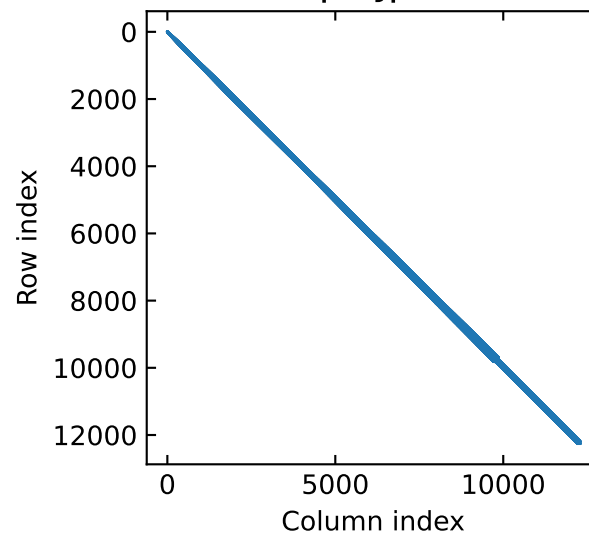


Reference (No renumbering)
 $\max |i - j| = 12256$



RCM (Bandwidth reduction)
 $\max |i - j| = 121$



METIS (Fill-in reduction)
 $\max |i - j| = 12197$

