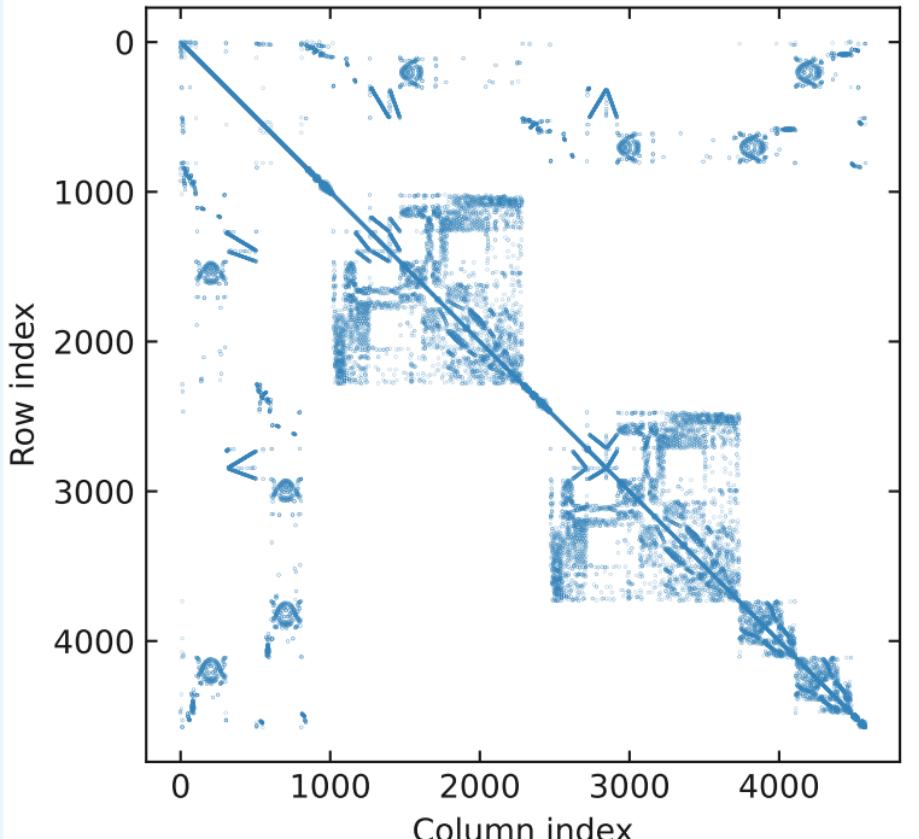
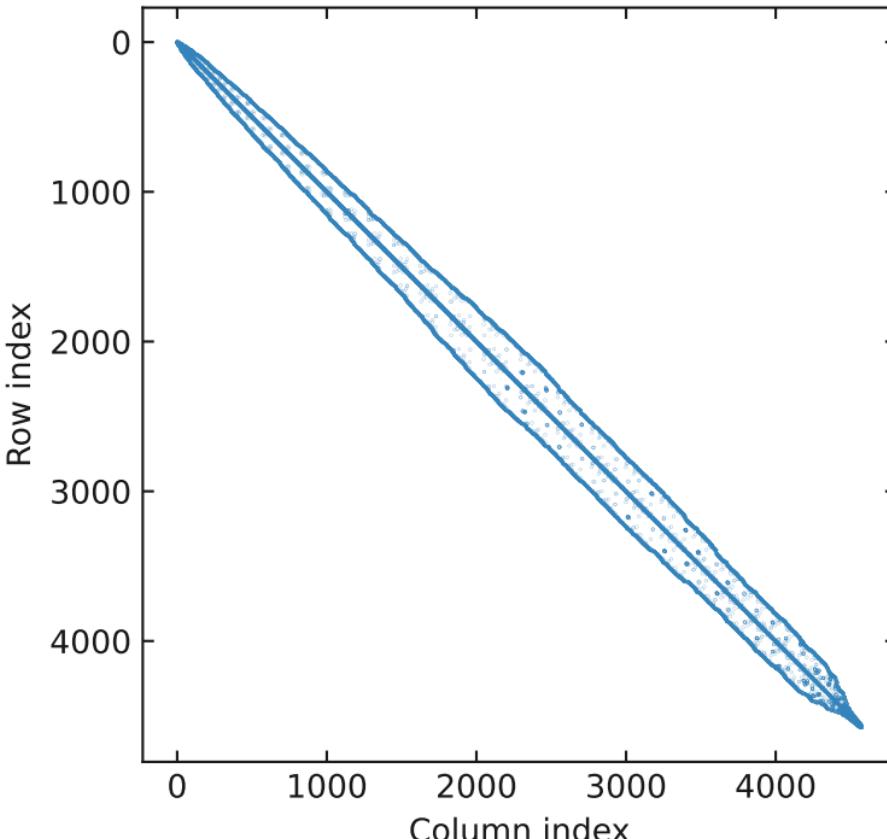


Reference (No renumbering)
 $\max |i - j| = 4567$



RCM (Bandwidth reduction)
 $\max |i - j| = 263$



METIS (Fill-in reduction)
 $\max |i - j| = 4569$

