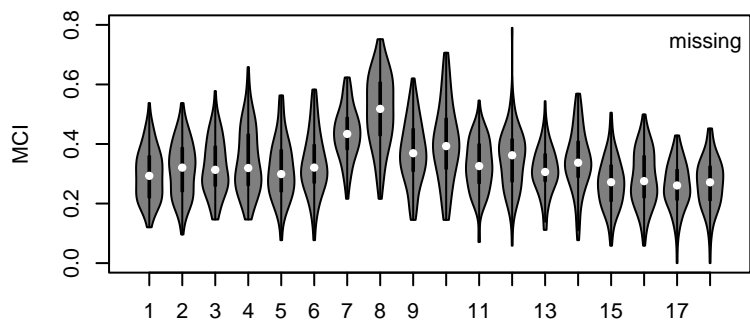
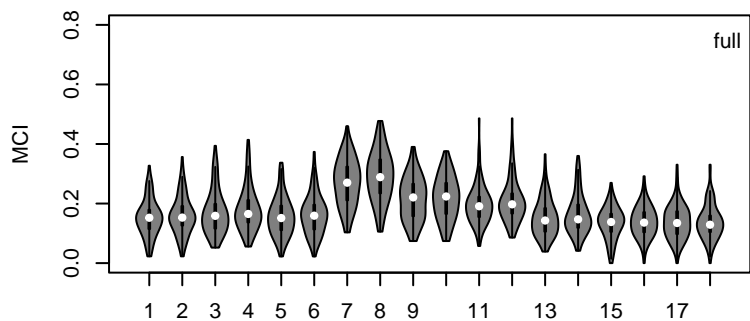
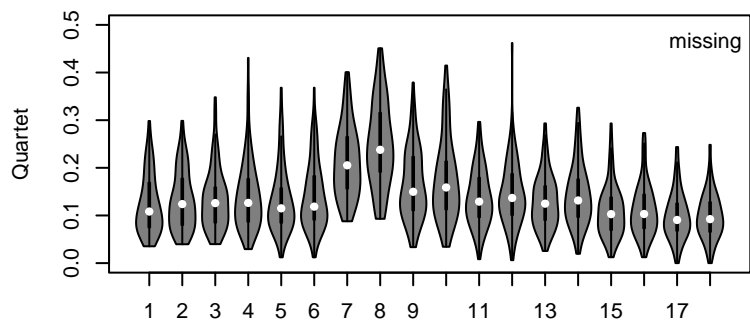
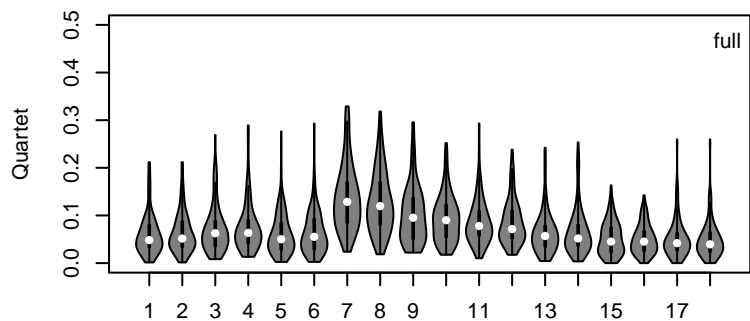


distance metrics (nonclock)



distance metrics (tip-dating)

