A Setting A ($n \uparrow$, $m \uparrow$, $d = 5$)
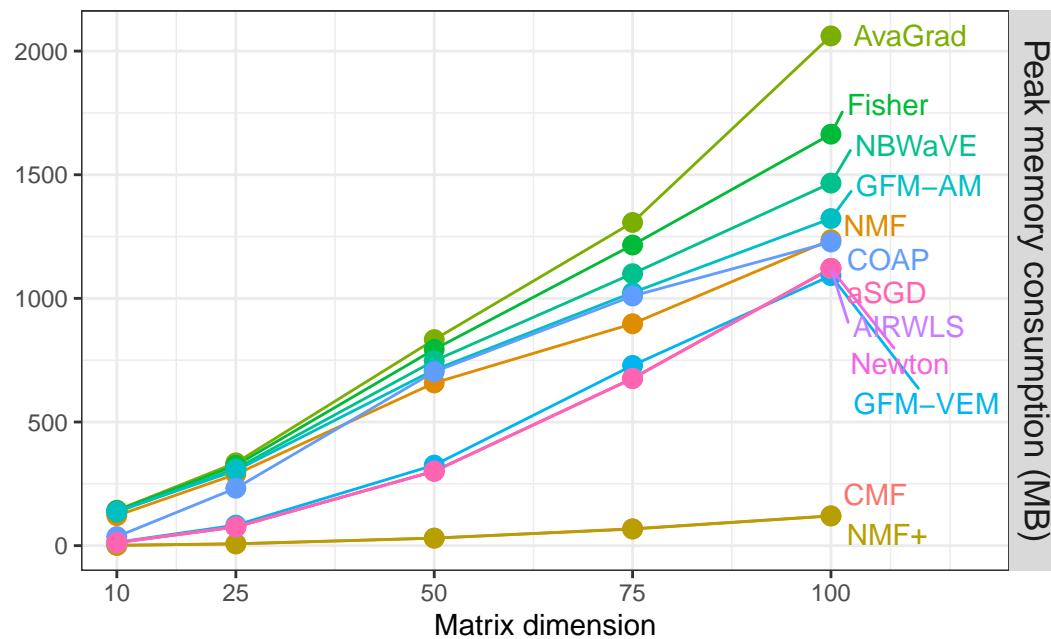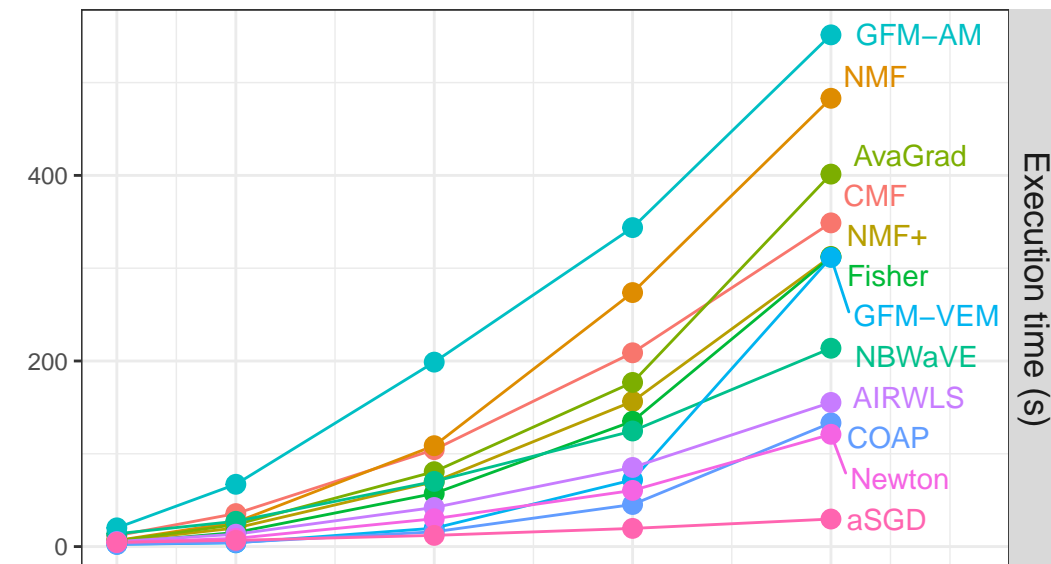
B Setting B ($n = 5000$, $m = 500$, $d \uparrow$)