



Fig.1 Time averaged RMSE between CTL and experiments for 500hPa vector winds RMSE. Period: 00z16 February to 00z 7 March. Left column (a,b,c) are real and right column (d, e, f), simulated. Within each figures, top is analysis difference and the bottom is difference in 72hr hour forecast. Figures a) and d) are for 1BNTMP. Figures b) and e) are for 1BNWIN and c) and f) are for NTV. Contour intervals are 2ms^{-1} .