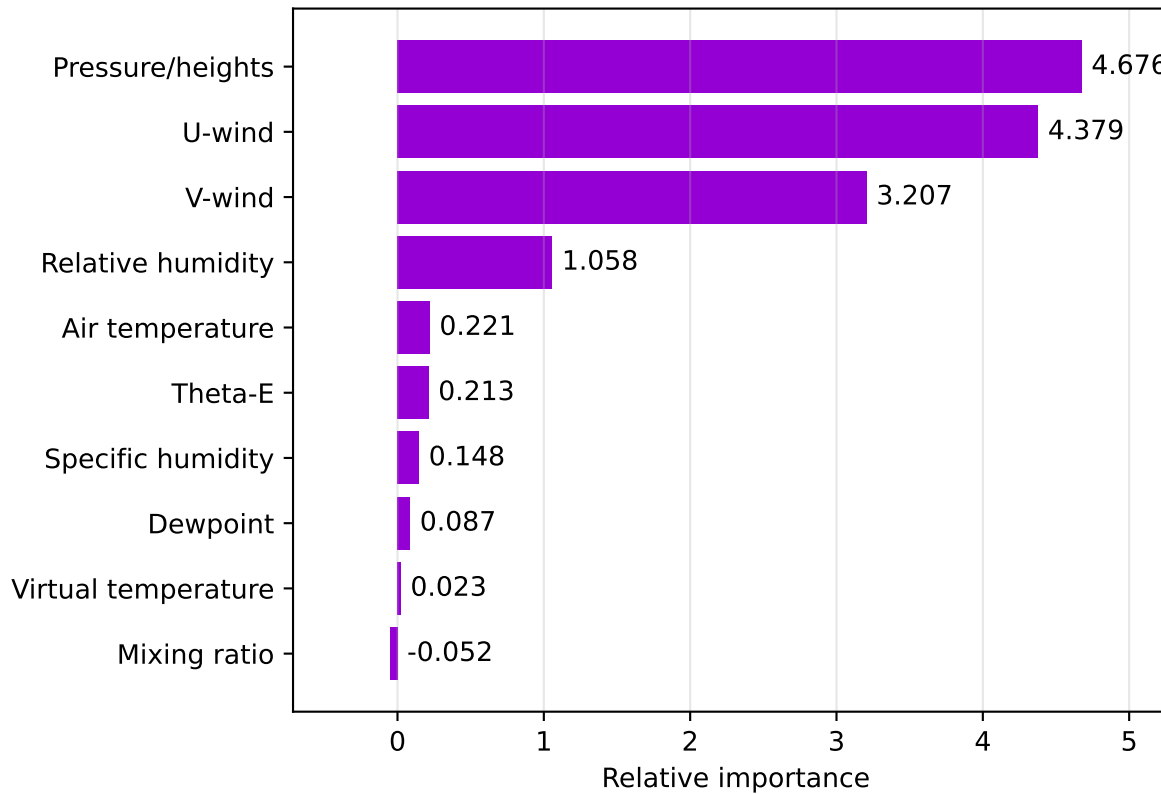
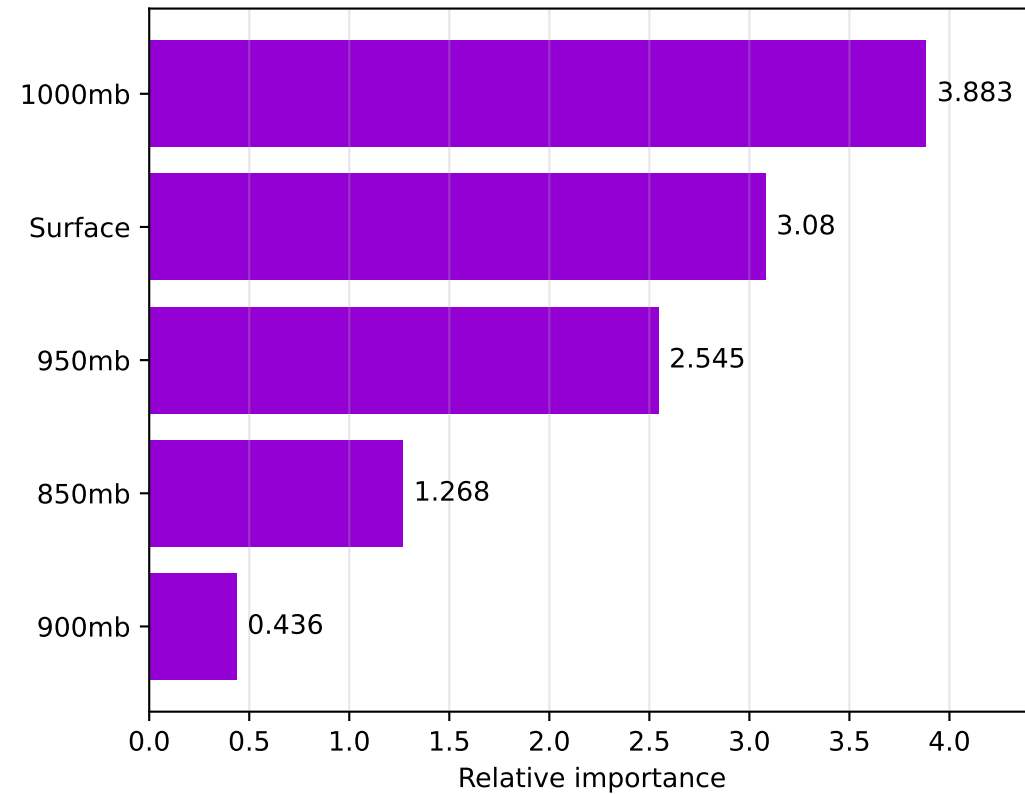


Occluded front permutations: CONUS

a) Grouped variables



b) Grouped levels



c) Variables on single levels

	Surface	1000mb	950mb	900mb	850mb
Air temperature	44 (-0.118)	46 (-0.133)	22 (0.031)	33 (-0.035)	50 (-0.269)
Dewpoint	34 (-0.045)	20 (0.065)	42 (-0.109)	41 (-0.097)	19 (0.068)
Virtual temperature	49 (-0.207)	48 (-0.160)	23 (0.024)	29 (-0.021)	47 (-0.135)
U-wind	2 (1.449)	3 (1.045)	8 (0.403)	17 (0.099)	15 (0.207)
V-wind	11 (0.354)	7 (0.414)	9 (0.385)	6 (0.533)	10 (0.373)
Mixing ratio	35 (-0.047)	43 (-0.109)	45 (-0.124)	37 (-0.063)	26 (0.002)
Specific humidity	27 (-0.006)	36 (-0.056)	25 (0.015)	31 (-0.033)	28 (-0.016)
Relative humidity	13 (0.211)	14 (0.210)	16 (0.125)	18 (0.080)	12 (0.271)
Pressure/heights	38 (-0.063)	5 (0.730)	1 (1.473)	4 (0.846)	21 (0.039)
Theta-E	40 (-0.077)	39 (-0.070)	32 (-0.035)	24 (0.019)	30 (-0.025)