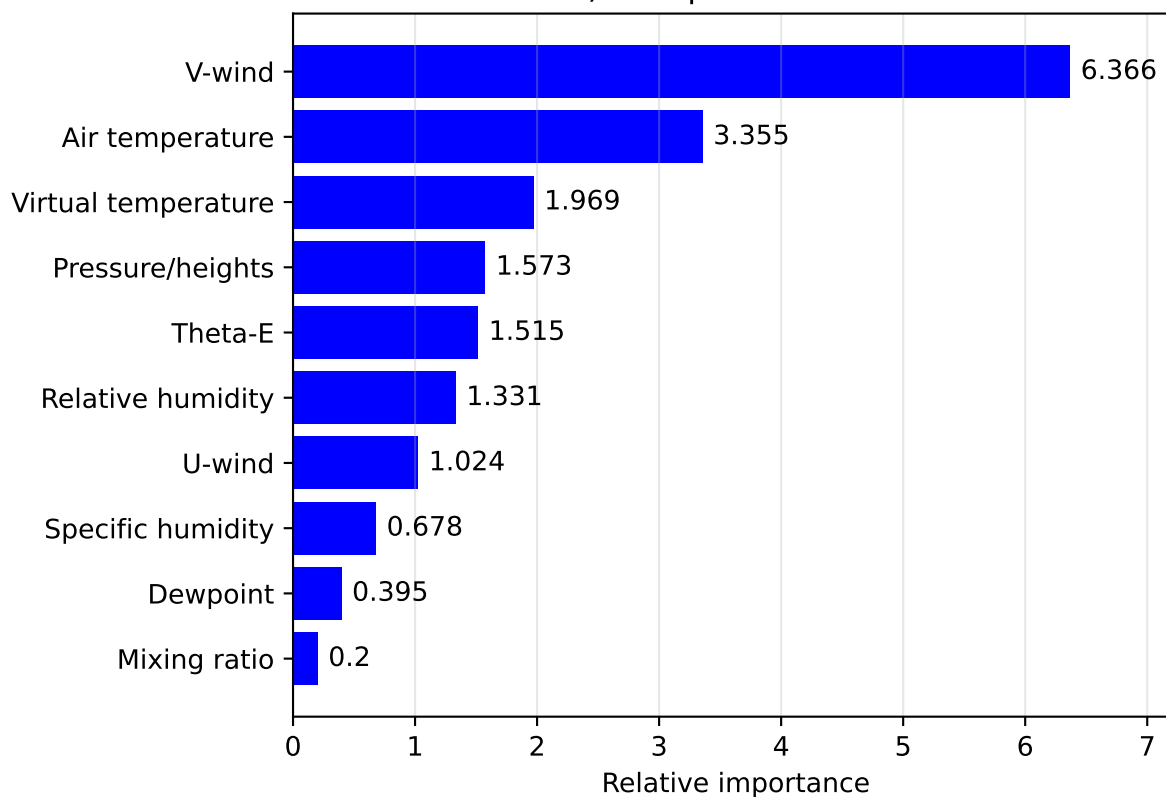
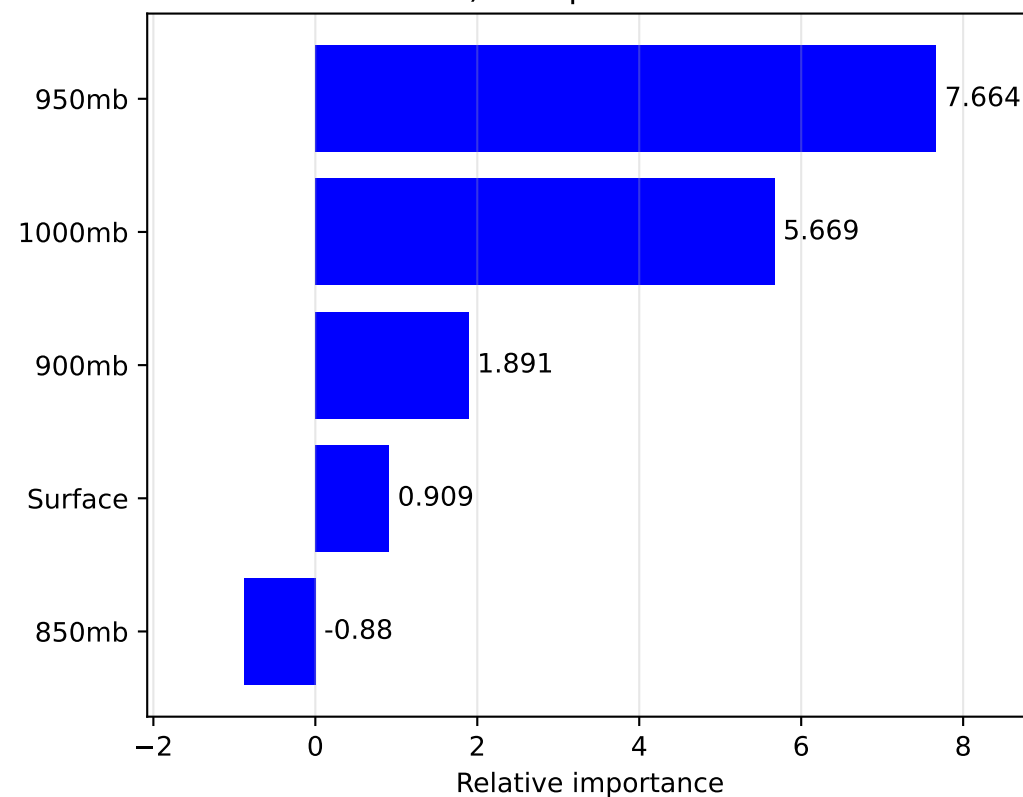


Cold front permutations: CONUS

a) Grouped variables



b) Grouped levels



c) Variables on single levels

	Surface	1000mb	950mb	900mb	850mb
Air temperature	23 (0.130)	9 (0.439)	4 (0.672)	5 (0.666)	16 (0.232)
Dewpoint	38 (-0.009)	21 (0.158)	39 (-0.042)	47 (-0.211)	35 (0.025)
Virtual temperature	43 (-0.106)	25 (0.119)	12 (0.366)	8 (0.503)	13 (0.348)
U-wind	6 (0.544)	24 (0.120)	34 (0.025)	31 (0.054)	28 (0.082)
V-wind	2 (1.195)	1 (1.518)	3 (0.830)	15 (0.289)	42 (-0.094)
Mixing ratio	40 (-0.088)	41 (-0.092)	45 (-0.144)	46 (-0.181)	48 (-0.238)
Specific humidity	36 (0.020)	29 (0.078)	32 (0.044)	49 (-0.243)	50 (-0.356)
Relative humidity	20 (0.169)	18 (0.215)	19 (0.179)	37 (0.007)	27 (0.086)
Pressure/heights	33 (0.040)	22 (0.131)	7 (0.512)	10 (0.436)	30 (0.057)
Theta-E	44 (-0.113)	26 (0.103)	14 (0.336)	11 (0.388)	17 (0.219)