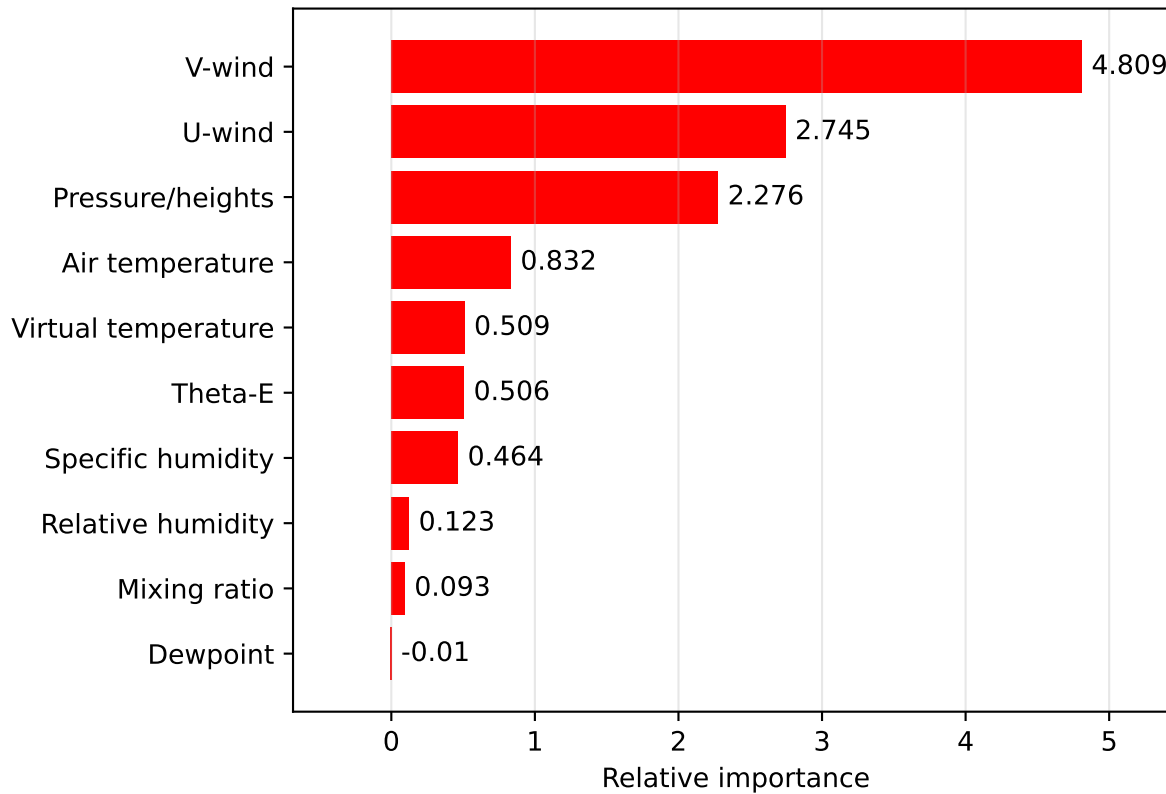
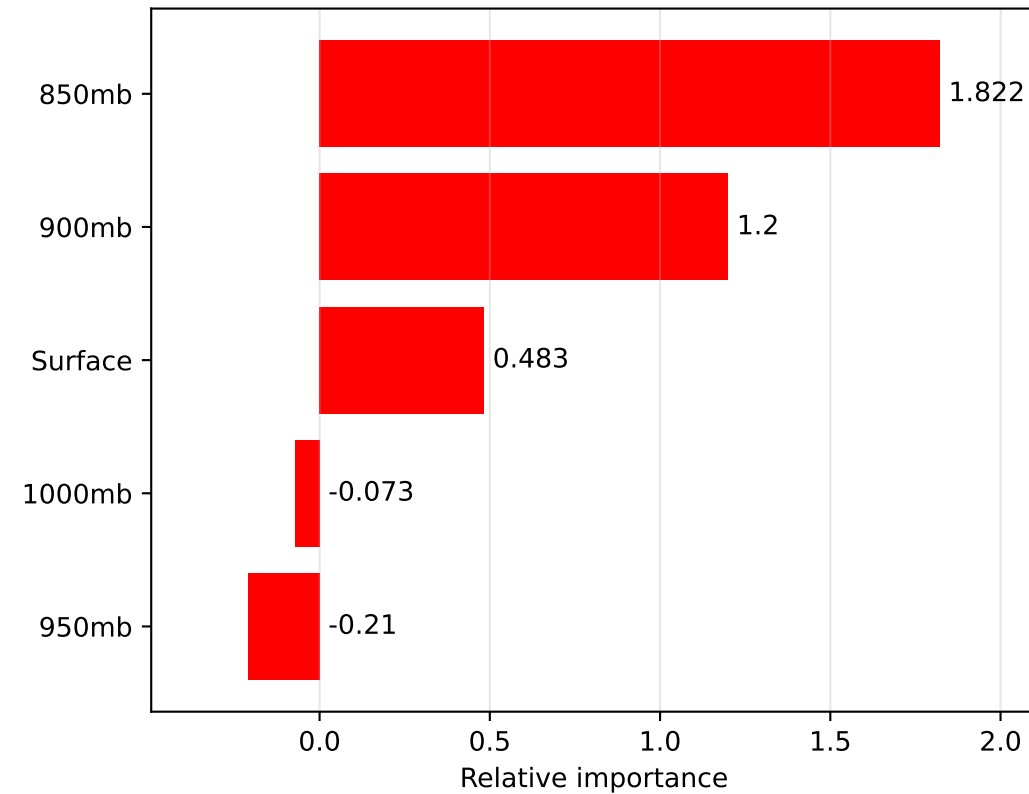


Warm front permutations: Unified Surface Analysis Domain

a) Grouped variables



b) Grouped levels



c) Variables on single levels

	Surface	1000mb	950mb	900mb	850mb
Air temperature	43 (-0.044)	26 (0.099)	12 (0.267)	15 (0.178)	23 (0.106)
Dewpoint	35 (0.029)	47 (-0.086)	48 (-0.099)	27 (0.086)	21 (0.115)
Virtual temperature	42 (-0.037)	37 (0.009)	18 (0.162)	16 (0.166)	22 (0.107)
U-wind	8 (0.380)	6 (0.457)	9 (0.329)	13 (0.247)	41 (-0.032)
V-wind	3 (0.635)	1 (1.047)	2 (0.665)	4 (0.621)	7 (0.436)
Mixing ratio	39 (-0.015)	29 (0.061)	30 (0.060)	50 (-0.132)	49 (-0.126)
Specific humidity	32 (0.049)	14 (0.214)	24 (0.101)	38 (-0.010)	33 (0.041)
Relative humidity	25 (0.099)	34 (0.033)	45 (-0.070)	40 (-0.028)	19 (0.157)
Pressure/heights	46 (-0.081)	10 (0.323)	5 (0.497)	11 (0.274)	31 (0.054)
Theta-E	44 (-0.050)	36 (0.019)	17 (0.164)	20 (0.154)	28 (0.070)