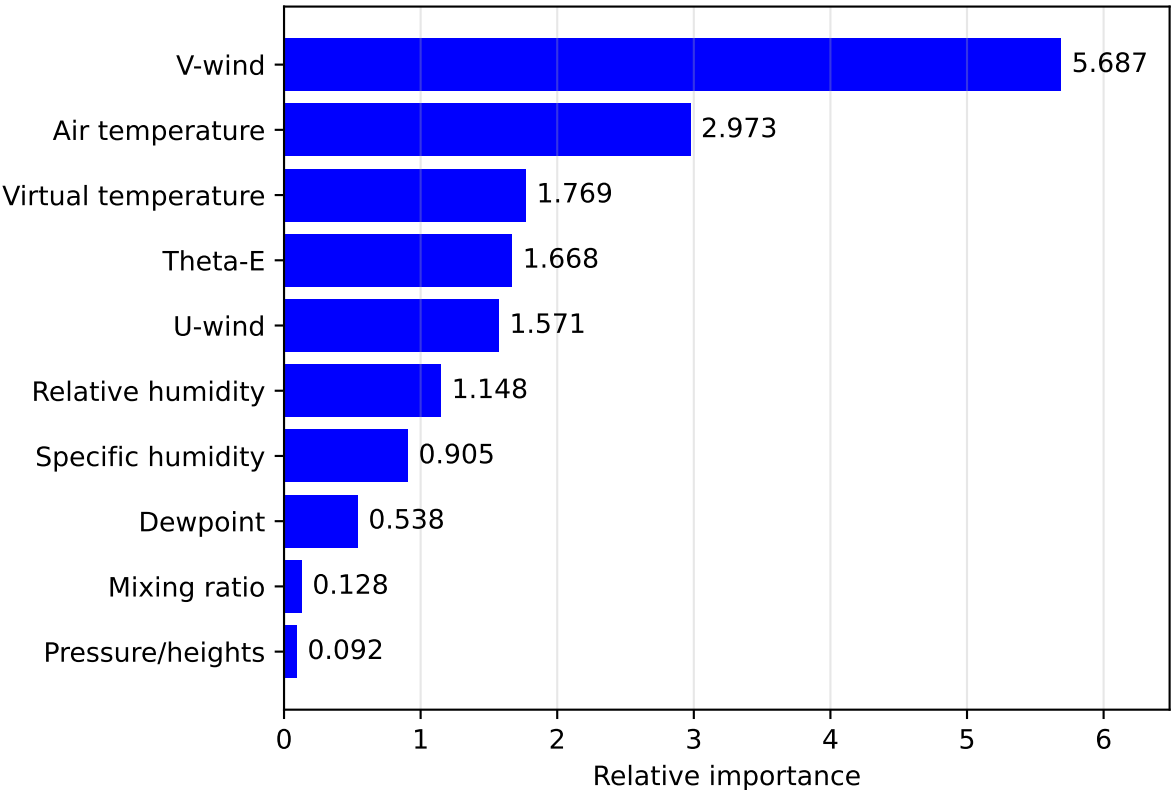
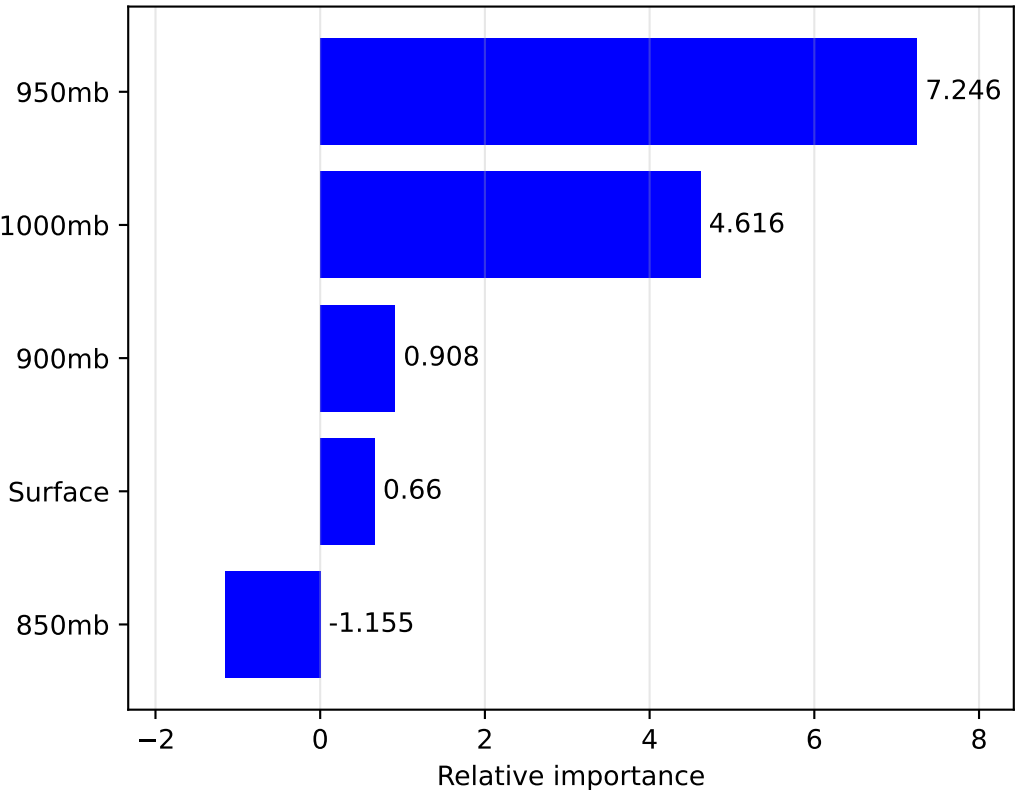


Cold front permutations: Unified Surface Analysis Domain

a) Grouped variables



b) Grouped levels



c) Variables on single levels

	Surface	1000mb	950mb	900mb	850mb
Air temperature	28 (0.147)	9 (0.513)	4 (0.818)	5 (0.696)	29 (0.142)
Dewpoint	34 (0.073)	16 (0.303)	33 (0.109)	44 (-0.059)	27 (0.182)
Virtual temperature	41 (-0.038)	26 (0.184)	11 (0.463)	8 (0.513)	18 (0.260)
U-wind	2 (1.406)	12 (0.453)	49 (-0.368)	48 (-0.353)	22 (0.213)
V-wind	3 (1.184)	1 (1.779)	6 (0.685)	32 (0.112)	38 (-0.010)
Mixing ratio	37 (0.009)	36 (0.013)	43 (-0.056)	46 (-0.164)	45 (-0.125)
Specific humidity	30 (0.134)	19 (0.252)	23 (0.208)	47 (-0.185)	50 (-0.370)
Relative humidity	17 (0.274)	15 (0.313)	24 (0.194)	35 (0.066)	20 (0.251)
Pressure/heights	39 (-0.017)	31 (0.122)	13 (0.428)	21 (0.226)	42 (-0.052)
Theta-E	40 (-0.020)	25 (0.185)	10 (0.494)	7 (0.578)	14 (0.325)