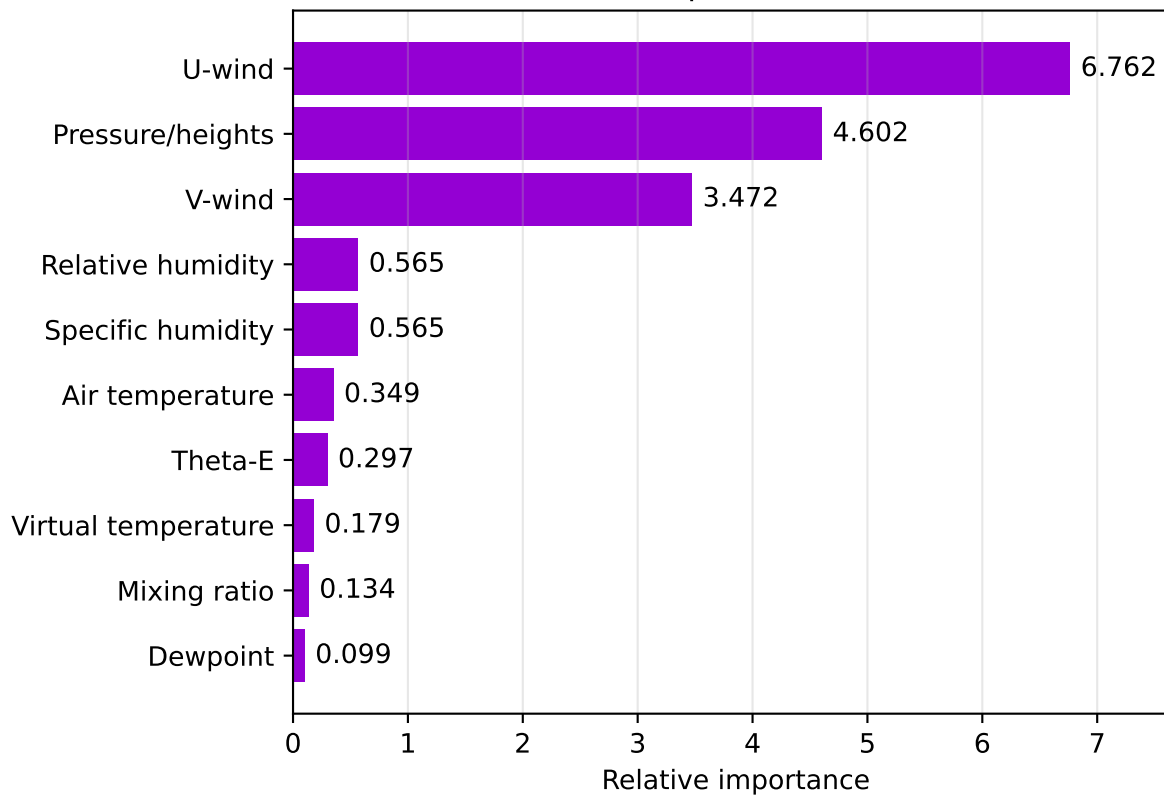
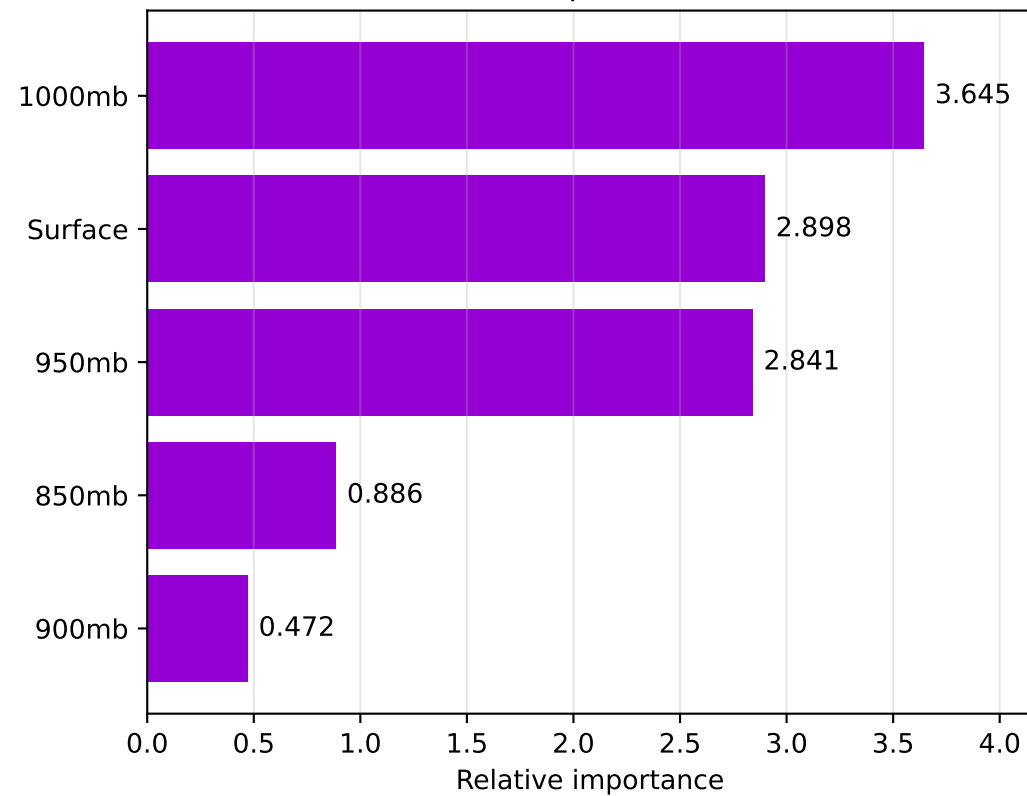


Occluded front permutations: Unified Surface Analysis Domain

a) Grouped variables



b) Grouped levels



c) Variables on single levels

	Surface	1000mb	950mb	900mb	850mb
Air temperature	48 (-0.068)	41 (0.015)	14 (0.220)	30 (0.087)	50 (-0.219)
Dewpoint	43 (0.008)	25 (0.125)	44 (0.004)	38 (0.021)	18 (0.154)
Virtual temperature	47 (-0.066)	46 (-0.051)	22 (0.135)	31 (0.081)	49 (-0.143)
U-wind	2 (1.572)	1 (1.762)	5 (0.842)	39 (0.020)	19 (0.153)
V-wind	8 (0.622)	7 (0.636)	9 (0.353)	11 (0.235)	13 (0.221)
Mixing ratio	23 (0.125)	36 (0.061)	33 (0.067)	37 (0.035)	34 (0.066)
Specific humidity	20 (0.139)	21 (0.136)	10 (0.311)	24 (0.125)	32 (0.078)
Relative humidity	15 (0.193)	16 (0.187)	27 (0.114)	28 (0.101)	12 (0.225)
Pressure/heights	40 (0.018)	4 (0.890)	3 (1.549)	6 (0.765)	29 (0.087)
Theta-E	42 (0.011)	45 (-0.000)	35 (0.065)	17 (0.174)	26 (0.119)