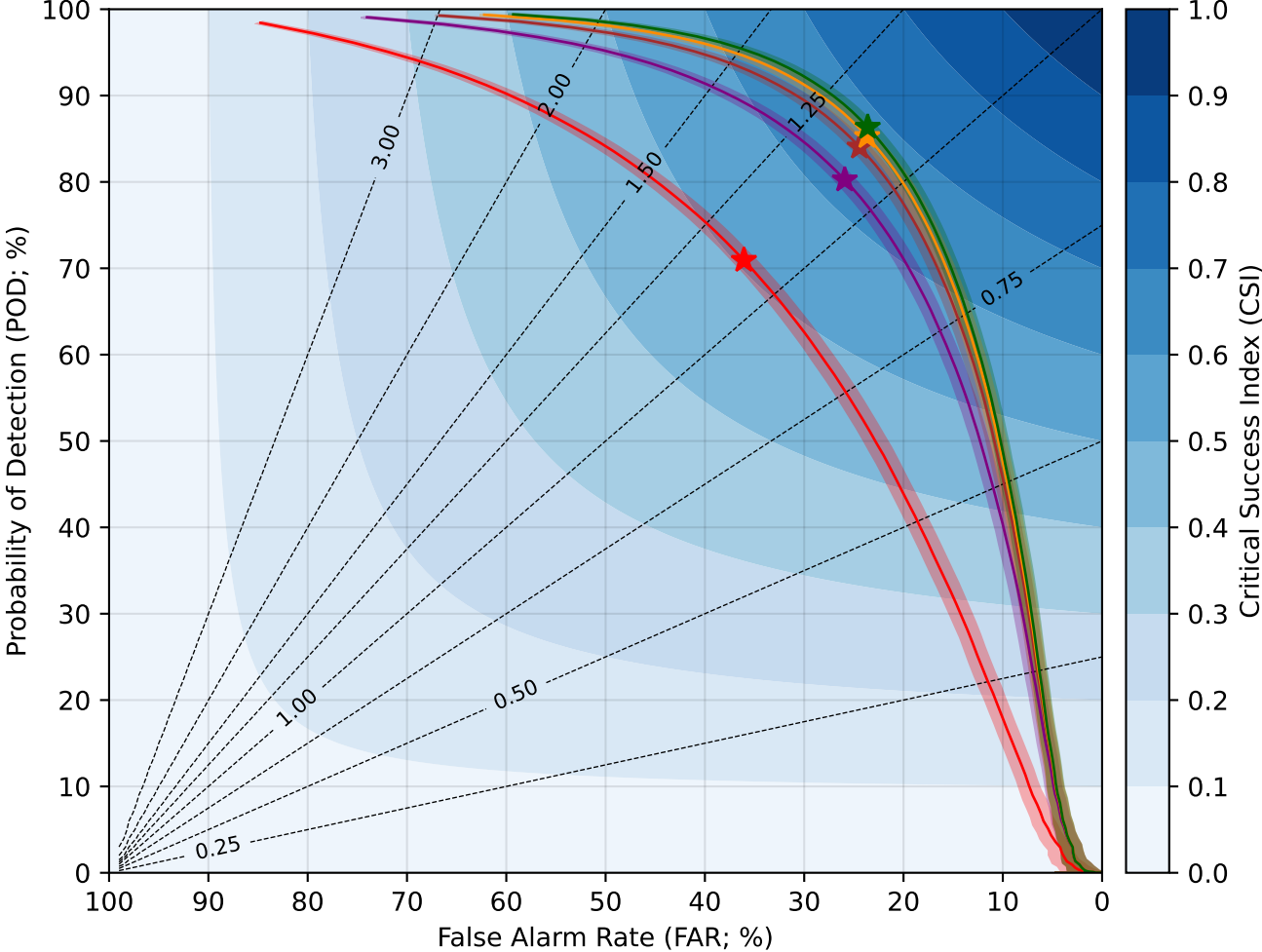
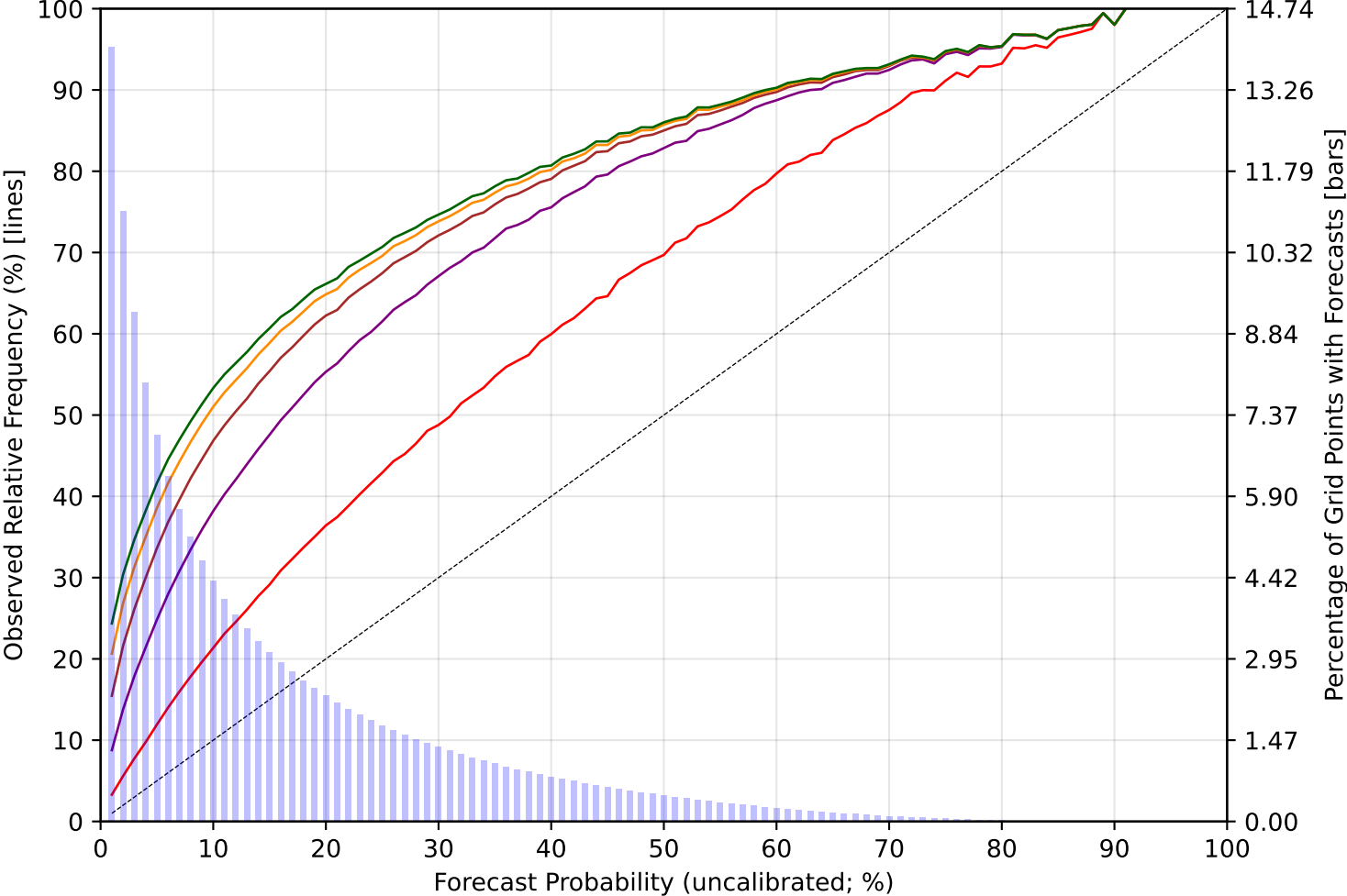


Five-class model: Cold fronts over CONUS domain

a) CSI diagram [confidence level = 95%]



b) Reliability diagram



c) Data table [confidence level = 95%]

	CSI	POD %	FAR %	FB
50 km	0.507 ^{0.514} _{0.499}	70.9 ^{71.5} _{70.3}	36.1 ^{35.4} _{36.7}	1.110 ^{1.107} _{1.110}
100 km	0.627 ^{0.634} _{0.619}	80.2 ^{80.7} _{79.8}	25.9 ^{25.2} _{26.6}	1.083 ^{1.079} _{1.086}
150 km	0.661 ^{0.668} _{0.654}	84.0 ^{84.4} _{83.7}	24.4 ^{23.8} _{25.0}	1.112 ^{1.107} _{1.116}
200 km	0.674 ^{0.682} _{0.668}	85.3 ^{85.6} _{84.9}	23.7 ^{23.0} _{24.3}	1.117 ^{1.112} _{1.121}
250 km	0.682 ^{0.689} _{0.675}	86.3 ^{86.7} _{86.0}	23.6 ^{23.0} _{24.2}	1.130 ^{1.125} _{1.135}

d) 250 km CSI map

