Col de Porte, France (2010-10 - 2011-05) TCZE_OP1_TSNB_REF TCZE_OP1_TSNB_OP1 TCZE_OP1_TSNB_OP2 TCZE_OP1_TSNB_OP3 TCZE_OP1_TSNB_OP4 TCZE_OP1_TSNB_OP5 --- TCZE_REF_TSNB_REF Obs (auto) Obs (man) SD > 10 cm 0.8 (a) 0.1 Snow Depth [m] 0.6 0.05 0.4 0 0.2 -0.05 -0.1 Snow Density [kg m⁻³] 000 000 000 000 000 800 -(c) (d) 100 50 0 -50 Surface temperature [°C] 20 (e) (f) 10 0 -0.5 -20 Snow temperature [°C] (g) (h) -6 Bottom snow temp [°C] (i) -0.5 Soil Temp at 10 cm [°C] (k) 0.5 0 5 -0.5 Soil Temp at 20 cm [°C] 15 (m) 0.4 0.2 0 5 -0.2 -0.4 Soil Temp at 50 cm [°C] (o) (p) 0.5 0 0 --0.5 2010-12-2010-11-2011-02 ME RMSE 2010-10 2011-01 2011-05 2011-03 2011-04 time