Taylor skill score of the interannual anomaly of soil moisture (-) (Noah-MP EM and NLDAS) NLDAS EM Noah-MP EM - NLDAS EM EM - NLDAS EM 50° N Depth 0-0.1 m 40° N 30° N (a) (b) (c) 50° N Depth 0.1-0.4 m NN 40° N 30° N (d) (e) (f) 50° N Depth 0.4-1.0 m 40° N 30° N (g) (h) 50° N Depth 1.0-2.0 m NN, $40^{\circ}\,\mathrm{N}$ 30° N (k) 120° W 105° W 90° W $75^{\circ}\,\mathrm{W}$ 120° W 105° W 90° W $75^{\circ}\,\mathrm{W}$ 120° W 105° W 90° W $75^{\circ} W$ 0.3 0.5 -0.3 0 0.3 - 0.30 0.3