RMSE summary scorecard - which model is best? (a) (b) **Cold extremes 5% Hot extremes 5%** Wind speed extremes 5% Northern Hemisphere Northern Hemisphere Northern Hemisphere Southern Hemisphere Southern Hemisphere Southern Hemisphere Tropics Tropics Tropics Extra-Tropics Extra-Tropics Extra-Tropics Arctic Arctic Arctic Antarctic Antarctic Antarctic Europe Europe Europe North America North America North America North Atlantic North Atlantic North Atlantic North Pacific North Pacific North Pacific East Asia East Asia East Asia AusNZ AusNZ AusNZ Global Global Global 1 d 3 d 5 d 7 d 10 d 3 d 5 d 7 d 10 d 3 d 5 d 7 d 10 d (d) (e) (f) **Cold extremes 1%** Wind speed extremes 1% **Hot extremes 1%** Northern Hemisphere Northern Hemisphere Northern Hemisphere Southern Hemisphere Southern Hemisphere Southern Hemisphere Tropics **Tropics Tropics** Extra-Tropics Extra-Tropics Extra-Tropics Arctic Arctic Arctic Antarctic Antarctic Antarctic Europe Europe Europe North America North America North America North Atlantic North Atlantic North Atlantic North Pacific North Pacific North Pacific East Asia East Asia East Asia AusNZ AusNZ AusNZ Global Global Global 5 d 3 d 7 d 3 d 10 d 5 d 3 d 5 d (g) (h) 2 m temperature: all observations 10 m windspeed: all observations Northern Hemisphere Northern Hemisphere Southern Hemisphere Southern Hemisphere Tropics Tropics Extra-Tropics Extra-Tropics Arctic Arctic **Antarctic** Antarctic Europe Europe North America North America North Atlantic North Atlantic North Pacific North Pacific East Asia East Asia AusNZ AusNZ Global Global 5 d 7 d 3 d 5 d 7 d 10 d 3 d 10 d 1 d 1 d Model Model

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