**Figure S1.** Median fast ice thickness measured at the sea ice runway near McMurdo Station from 1986 to 2013. The number of measurements varied between different years from 1 to 20, and were taken within an area of approximately 0.28 km².
Figure S2. Median fast ice temperature measured at the sea ice runway near McMurdo Station from 1986 to 2013. The number of measurements varied between different years from 1 to 20, and were taken within an area of approximately 0.28 km².