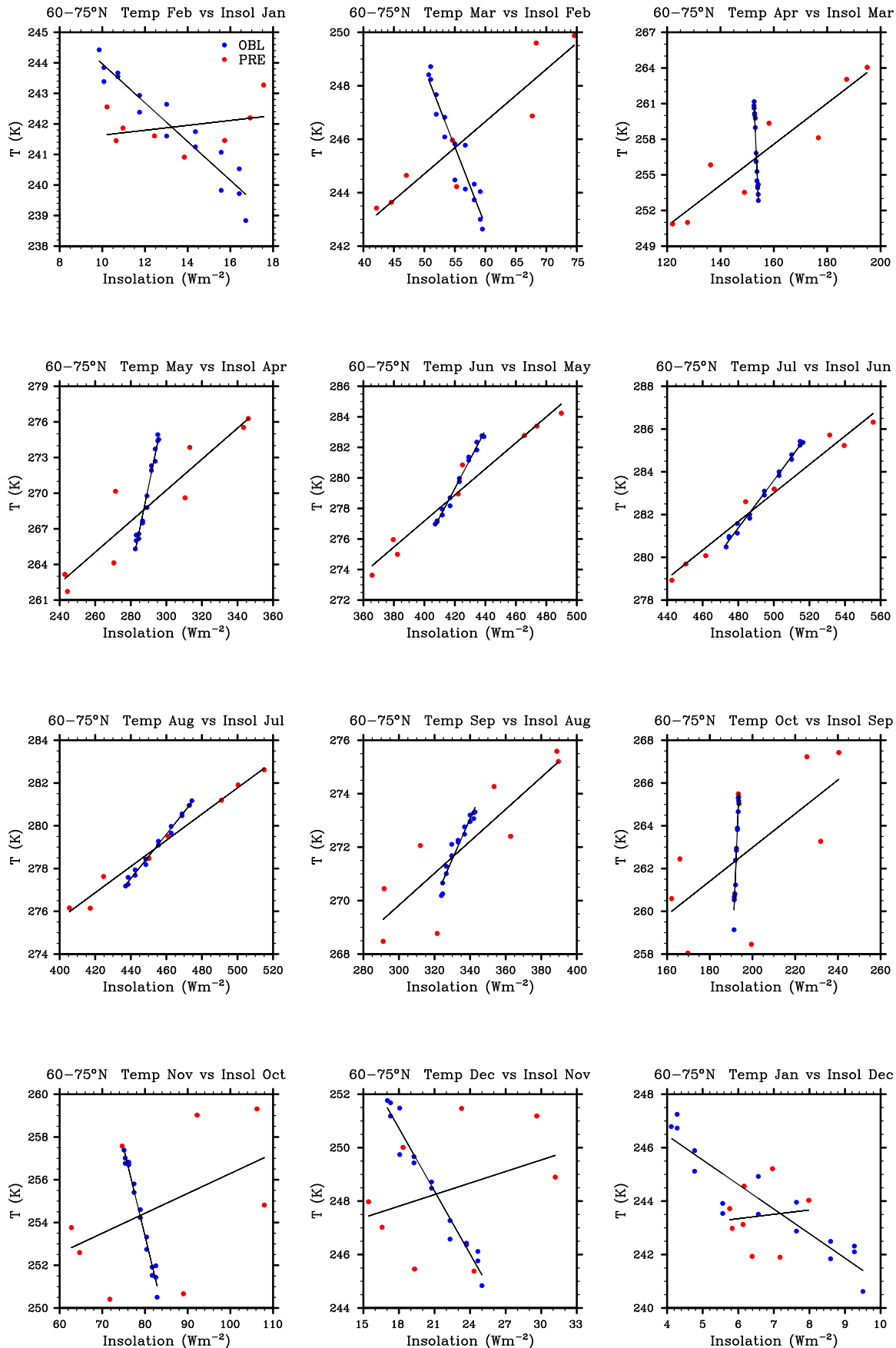


Figure S1.

Monthly Average Temperature Versus Insolation Over North America Between 60-75°N for Obliquity and Precession  
No Dynamic Ice



## 1 **Supplementary Material**

2 Figure S1. The correlation between monthly temperature and monthly insolation with a 1-month lag  
3 for the temperature response. The negative correlation between obliquity insolation forcing and  
4 temperature in the winter months is due to the overpowering annual insolation signal. Also, the large  
5 temperature range in the spring and fall without a large change in insolation is due to ocean and  
6 vegetation feedbacks.