



Figure 1: The upper figure is a comparison of false spring risk across five climate regions. By determining the average time of budburst to leafout dates for the dominant species in five archetypal climate regions, we were able to estimate the current spatial variation of false spring risk. We assessed the number of freeze days (-2.2°C) (Schwartz, 1993) that occurred on average over the past 50 years within the average durations of vegetative risk for each region. The boxplots in the lower figure indicate the range of budburst to leafout dates across the five sites (USA-NPN, 2016; Soudani *et al.*, 2012; White *et al.*, 2009; Schaber & Badeck, 2005).