

**Electronic Supplementary Material to:
A Causality-guided Statistical Approach for Modeling Extreme Mei-yu
Rainfall Based on Known Large-scale Modes—A Pilot Study***

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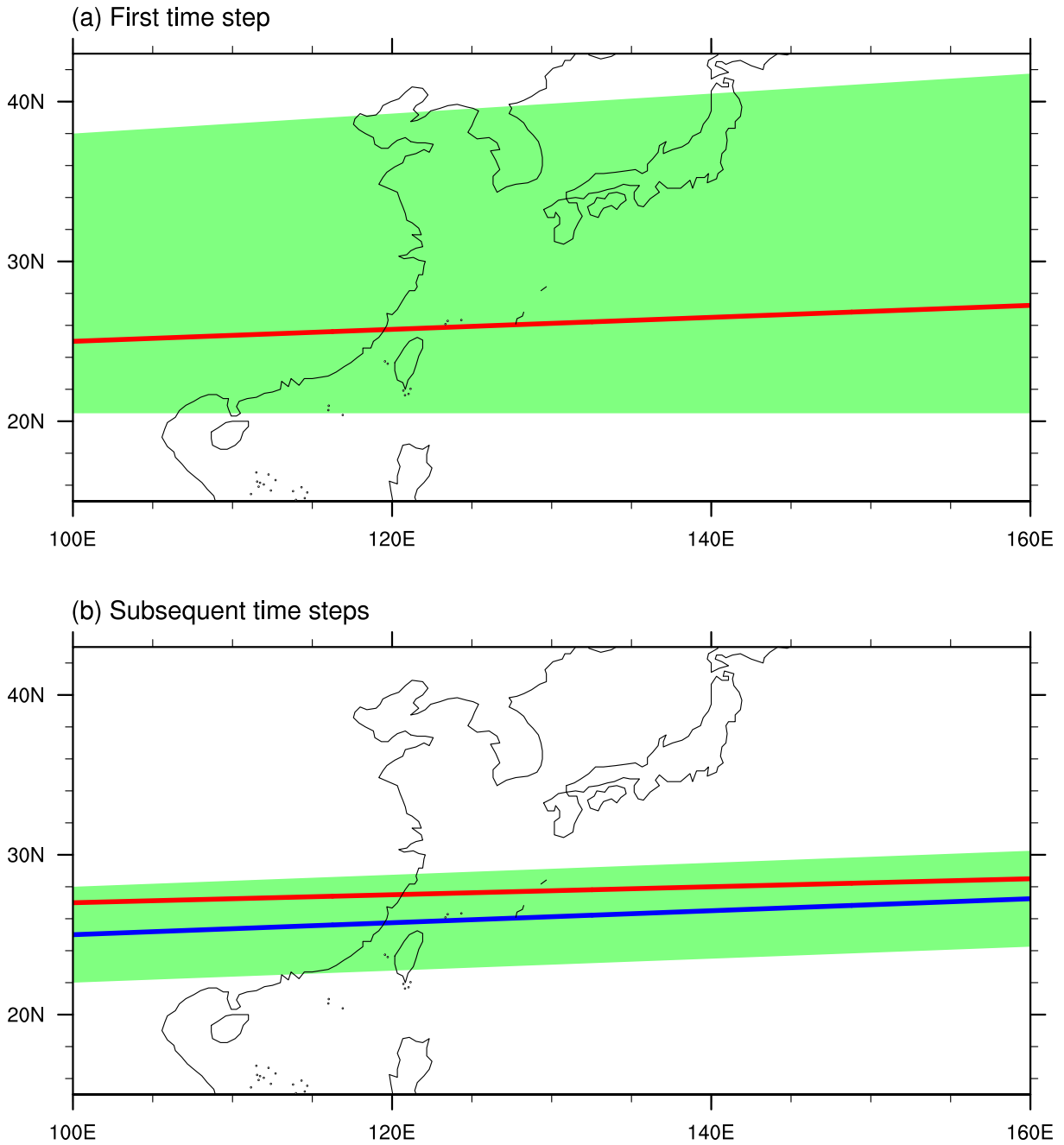


Fig. S1. Schematic diagram of MYF detection (a) for the first time step and (b) for the subsequent time steps (see section 3.2 and Fig. 1 for more information). Green regions indicate the search regions. Red lines indicate the MYF detected at the current time step. Blue line indicates the MYF detected at the previous time step.