Supplementary Material

# Supplementary Figures and Tables

## Decision tree algorithm classification

Where T1 is 0.2, T2 is 0.42, T3 is 0.32, the threshold value of DOY max is 318, the slope is 15°, and the threshold value of PMI is 0.0.



Decision tree model (corresponds to Figure 6 in the original paper)

**A demo code in GEE is as follows：**

1. **var** wheat = WPDI.gt(0.2).and(NDWPI.gt(0.42))
2. .and(DOY.gte(318))
3. .and(NDPI\_2.gt(0.32))
4. .and(slope.lt(15))
5. .and(PMI.lt(0.0))
6.
7. **var** garlic = WPDI.gt(0.2).and(NDWPI.gt(0.42))
8. .and(DOY.gte(318))
9. .and(NDPI\_2.gt(0.32))
10. .and(slope.lt(15))
11. .and(PMI.gte(0.0))