### Case 1: All predictors

- **R² = 0.57**
- Delta R²:
  - Soil temperature - Max (Feb)
  - Soil moisture - Mean (Apr)
  - Precipitation Climatology (static)
  - Soil temperature - Max (Oct)
  - Soil moisture - Min (Oct)
  - Soil moisture - Max (Mar)
  - Soil water storage (static)
  - Cropland percent (static)
  - Shrubland percent (static)
  - Air temperature - Mean (Dec)
  - Soil moisture - Mean (Dec)
  - NDVI Integral (season)
  - Soil temperature - Max (Nov)
  - Soil moisture - Max (Mar)
  - Soil temperature - Min (Nov)
  - Air temperature - Max (Feb)
  - Air temperature - Min (Apr)
  - Soil moisture - Max (Nov)
  - Soil temperature - Mean (Dec)
  - Precipitation - Total (Jan)
  - Soil moisture - Max (Oct)

### Case 2: No meteorology

- **R² = 0.55**
- Delta R²:
  - Soil moisture - Mean (Apr)
  - Soil moisture - Max (Mar)
  - Soil moisture - Min (Oct)
  - Soil water storage (static)
  - Cropland percent (static)
  - Shrubland percent (static)
  - Soil temperature - Max (Feb)
  - Soil organic matter (static)
  - Soil temperature - Max (Jan)
  - Soil moisture - Mean (Dec)
  - Soil temperature - Max (Nov)
  - Soil temperature - Min (Oct)
  - Soil moisture - Max (Mar)

### Case 3: No hydrology

- **R² = 0.49**
- Delta R²:
  - Date of Max NDVI (season)
  - Precipitation Climatology (static)
  - Air temperature - Max (Nov)
  - Precipitation - Total (Oct)
  - Slope (static)
  - NDVI Integral (season)
  - Air temperature - Min (Jan)
  - Precipitation - Total (Jan)
  - Precipitation - Total (Dec)
  - Cropland percent (static)
  - Air temperature - Min (Apr)
  - Soil water storage (static)
  - Elevation (static)