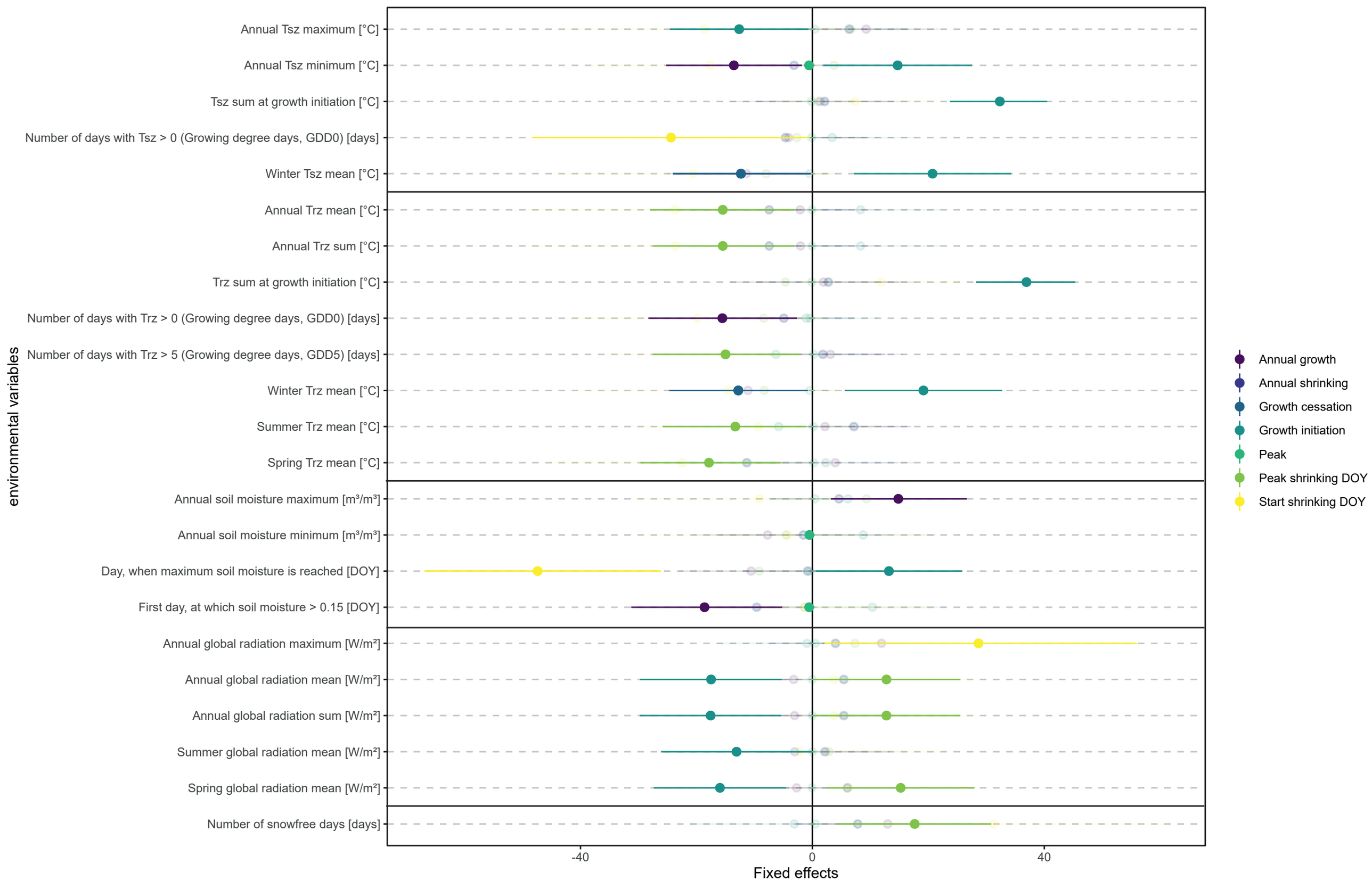
Annual Tsz maximum [°C]
Annual Tsz minimum [°C]
Tsz sum at growth initiation [°C]
Number of days with Tsz > 0 (Growing degree days, GDD0) [days]
Winter Tsz mean [°C]
Annual Trz mean [°C]
Annual Trz sum [°C]
Trz sum at growth initiation [°C]
Number of days with Trz > 0 (Growing degree days, GDD0) [days]
Number of days with Trz > 5 (Growing degree days, GDD5) [days]
Winter Trz mean [°C]
Summer Trz mean [°C]
Spring Trz mean [°C]
Annual soil moisture maximum [m³/m³]
Annual soil moisture minimum [m³/m³]
Day, when maximum soil moisture is reached [DOY]
First day, at which soil moisture > 0.15 [DOY]
Annual global radiation maximum [W/m²]
Annual global radiation mean [W/m²]
Annual global radiation sum [W/m²]
Summer global radiation mean [W/m²]
Spring global radiation mean [W/m²]
Number of snowfree days [days]
environmental variables
-40
0
40
Fixed effects
Annual growth
Annual shrinking
Growth cessation
Growth initiation
Peak
Peak shrinking DOY
Start shrinking DOY