**Metadata:**

**treatment**, refers to one of the 40 seed mixtures that were seeded in a plot

**location**, the place that the experimental unit was located. There was a total of 14 locations across the State of Minnesota, USA included in this study.

**rep**, the block within a particular location. Three blocks were included at each location in a randomized complete block design.

**plot**, one of 120 experimental units that were included at each location. Each plot was 2.3 m2.

**percent\_baresoil\_blanket**, 0–100 % of total top coverage consisting of bare ground and the erosion control blanket.

**percent\_turf**, 0–100 % of total top coverage consisting of any of the seeded turfgrass species included in the experiment.

**percent\_weed**, 0–100 % of total top coverage consisting of unseeded vegetation.

**time**, the period of sampling instance at each location. One was the first instance of sampling vegetation, and five was the last instance. Locations seeded in 2018 were sampled a total of five times and location seeded in 2019 were sampled four times. Plots were sampled twice per year for two growing years.

**planting.year**, refers to the seeding year. Seven locations were seeded in 2018 and seven were seeded in 2019.

**num\_species**, abbreviated for number of species meaning the number of seeded turfgrass species in each plot (referred as species richness in the text).

**season**, the seasonality of vegetation sampling. Minnesota, USA has four seasons (fall, winter, spring, and summer). Plots were sampled for coverage twice per year (fall and spring).