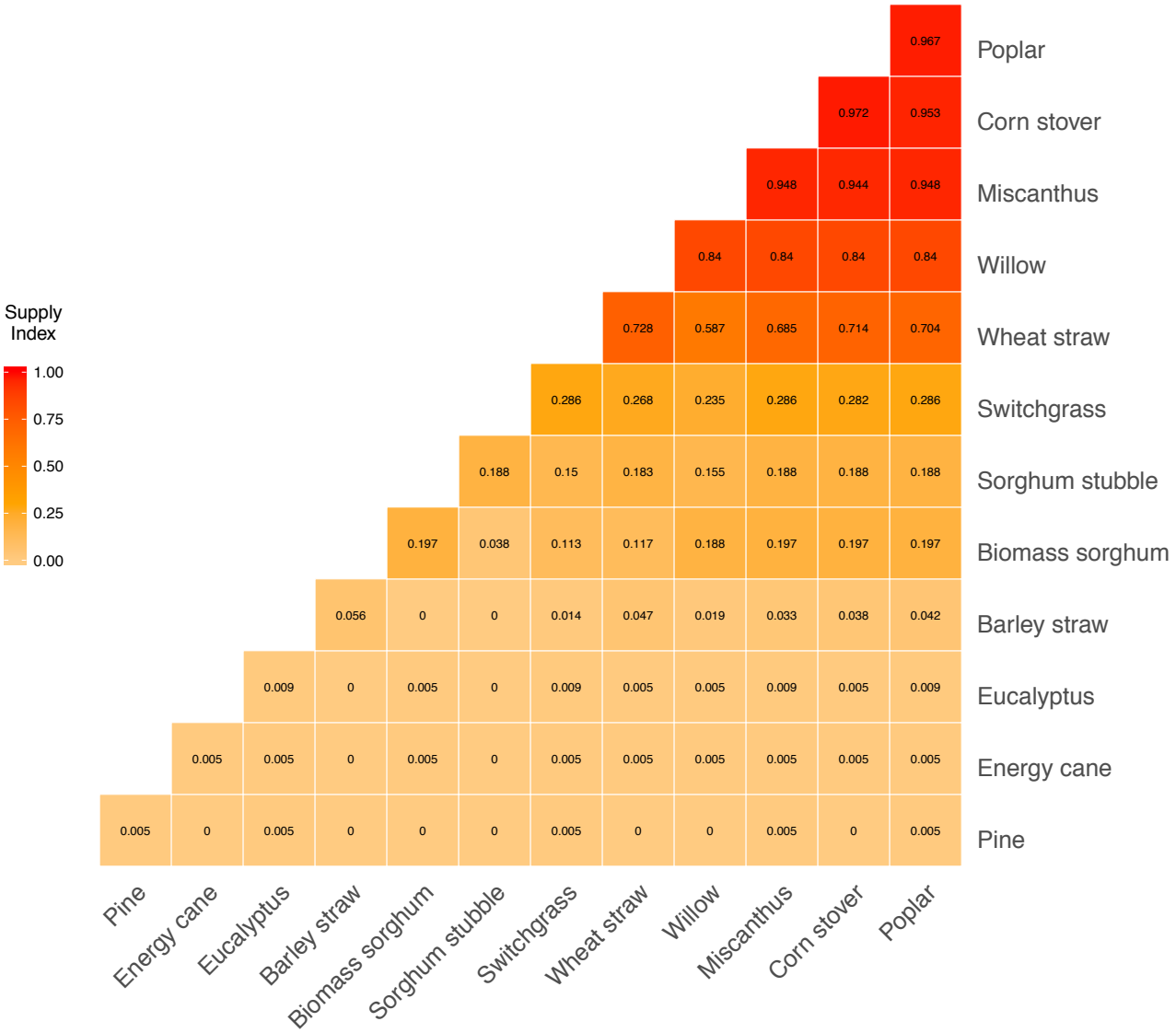

Figure 3. Matrix of projected lignocellulosic feedstock blends available within 60 mile catchment buffers of extant U.S. biorefineries (n = 213) for the year 2030. Supply index values represent the proportion of biorefineries for which a given pair of feedstocks (e.g. corn stover and poplar) is expected to be available within the catchment area. Higher indices correspond to a higher likelihood of two feedstocks co-occurring in the proximity of a biorefinery. For example, 95.3% of biorefineries are projected to experience a co-supply of corn stover and poplar within their catchment areas. Values along the diagonal of the matrix denote the proportion of all biorefineries that are projected to experience a supply of each individual feedstock, irrespective of others. For example 96.7% of all biorefineries are projected to have have corn stover supplies within their catchment areas. A feedstock price of $80/dt is assumed.
Data source: U.S. DOE Billion Ton Study 2016