The BC EF of boreal forest is updated. Here are the following steps of the new BC EF calculation-

1. Ratio = BC EF (Hayden study) / PM1 EF (Hayden study)

Right now, that is the only BC EF we have for boreal forest, and we know that the PM was relatively low (they likely sampled a pretty dilute plume, downwind of the fire)

2. Then, that ratio is used along with the other measured $PM_{2.5}$* values to derive BC values. Finally, the BC emission factors are averaged to obtain a new averaged BC emission factor for boreal forest.

The Savanna EFs are updated. The 'EF_savanna_desservettaz20' and 'EF_grassland_travis23' columns are dropped and not included in calculation.

The 'update_neivav1.1.py' script includes these steps and calculated a new Recommended_EF.

The Recommended_EF.csv file contains these updates.