a

**Historical tree density
(Model 4: elev, slope, aspect, CWD, AET, PPT and snowpack)**

elev_mean ≥ 1702

elev_mean < 1702

spk_mean8110 ≥ 415

spk_mean8110 < 415

ppt_mean8110 < 1020

ppt_mean8110 ≥ 1020

14
n=226

25
n=10

spk_mean8110 ≥ 182

spk_mean8110 < 182

cwd_mean8110 < 517

cwd_mean8110 ≥ 517

16
n=328

22
n=27

18
n=617

20
n=344

Count

600
400
200
0

0 20 40 60
TPH