(-6.3885+if(indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-1.3635,if(indicator(name='Deciduous AVI unity ac\_new', units='density', nodata\_fill=0)>50,0,if(indicator(name='Agriculture Crops Unityb', units='density', nodata\_fill=0)>50,-1.41755,if(indicator(name='Wetlands Fen', units='density', nodata\_fill=0)>50,-1.50746,if(indicator(name='Grassland Unityb', units='density', nodata\_fill=0)>50,-1.14196,if(indicator(name='Industrial Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-14.4756,if(indicator(name='Larch AVI unity ac\_new', units='density', nodata\_fill=0)>50,-1.27547,if(indicator(name='Wetlands Marsh', units='density', nodata\_fill=0)>50,-14.908,if(indicator(name='Mine Pits Unityb', units='density', nodata\_fill=0)>50,-14.2832,if(indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.83723,if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,-2.33599,if(indicator(name='Agriculture Pasture Unityb', units='density', nodata\_fill=0)>50,-13.7578,if(indicator(name='Rural Settlement Unityb', units='density', nodata\_fill=0)>50,-13.326,if(indicator(name='Shrubland Unityb', units='density', nodata\_fill=0)>50,-0.9343,if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.04119,if(indicator(name='Wetlands Swamp', units='density', nodata\_fill=0)>50,-0.2429,if(indicator(name='Urban Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-11.6237,-13.3339)))))))))))))))))+3.961814\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)-0.25695\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)+0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))-0.21391\*(indicator(name='Major Road Unityb', units='density', nodata\_fill=0)+indicator(name='Minor Road Unityb', units='density', nodata\_fill=0))/100-2.31356\*(indicator(name='PetroWell Gas Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Oil Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Other Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Water Unityb', units='density', use\_static=True, static\_time=2010, nodata\_fill=0))/100-11.3218\*indicator(name='Seismic Lines Unityb', units='density', nodata\_fill=0)/100+2.075763\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.031104\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.74726\*((indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0))\*\*2)-0.02583\*((indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0))\*\*2)+0\*indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100-0\*((indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100)\*\*2)+0\*indicator(name='Total Agriculture 1000m', units='density', nodata\_fill=0)/100+0\*indicator(name='Seismic Pipeline Cutblock AVI 1000m', units='density', nodata\_fill=0)/100-0.07496\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+12.59446\*indicator(name='xPotential Evapotranspiration ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xMean Annual Precipitation ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.828425\*indicator(name='xMean Annual Temperature ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xAnnual Heat Moisture Index ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) -0\*indicator(name='Nonagricultural Footprint Alpac 1000m', units='density', nodata\_fill=0)/100+0\*((indicator(name='Nonagricultural Footprint Alpac 1000m', units='density', nodata\_fill=0)/100)\*\*2)-2.45953\*indicator(name='xPotential Evapotranspiration ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.33285\*indicator(name='xMean Annual Temperature ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0\*indicator(name='xAnnual Heat Moisture Index ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) -0\*indicator(name='xFrost Free Period ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-11.1404\*indicator(name='xMean Annual Precipitation ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) +0\*indicator(name='xFrost Free Period ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xMean Annual Precipitation ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.74147\*indicator(name='Pipelines Unityb', units='density', nodata\_fill=0)/100+if((if(indicator(name='Mixed Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='Deciduous Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Deciduous AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='White Spruce Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='Pine Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0),0))>50,1-(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)\*200/50),0)-0\*indicator(name='Alienating land use 1000m', units='density', nodata\_fill=0)/100-0\*((indicator(name='Alienating land use 1000m', units='density', nodata\_fill=0)/100)\*\*2) -0\*((indicator(name='Seismic Pipeline Cutblock AVI 1000m', units='density', nodata\_fill=0)/100)\*\*2) +if((indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0))>50,-2.33989\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)-0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)),if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-2.33735\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0.687471\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)-0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)),if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,-8.52217\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)+0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)),if(indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0)>50,0\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)-0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)),if((indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)+indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0))>50,-0\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)-0\*sqrt(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)),if((indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)+indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)+indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0)+indicator(name='Larch AVI unity ac\_new', units='density', nodata\_fill=0))>50,-0\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2),0))))))-0\*indicator(name='Linear footprint 1000m', units='density', nodata\_fill=0)/100+0\*indicator(name='Nonlinear footprint AVI 1000m', units='density', nodata\_fill=0)/100-0\*((indicator(name='Nonlinear footprint AVI 1000m', units='density',nodata\_fill=0)/100)\*\*2)+0\*indicator(name='CAWA preferred habitat 1000m', units='density', nodata\_fill=0)/100+0.956944\*sqrt(indicator(name='CAWA preferred habitat 1000m', units='density',nodata\_fill=0)/100)-0\*indicator(name='xMean Coldest Month Temperature ac\_new', units='density', use\_static=True, static\_time=2010, nodata\_fill=0)+0\*indicator(name='xMean Warmest Month Temperature ac\_new', units='density', use\_static=True, static\_time=2010) -0\*((indicator(name='Linear footprint 1000m', units='density', nodata\_fill=0)+indicator(name='Nonlinear footprint AVI 1000m', units='density',nodata\_fill=0))/100)+0\*(((indicator(name='Linear footprint 1000m', units='density', nodata\_fill=0)+indicator(name='Nonlinear footprint AVI 1000m', units='density',nodata\_fill=0))/100)\*\*2))

Abbreviated:

(-6.3885+if(indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-1.3635,if(indicator(name='Deciduous AVI unity ac\_new', units='density', nodata\_fill=0)>50,0,if(indicator(name='Agriculture Crops Unityb', units='density', nodata\_fill=0)>50,-1.41755,if(indicator(name='Wetlands Fen', units='density', nodata\_fill=0)>50,-1.50746,if(indicator(name='Grassland Unityb', units='density', nodata\_fill=0)>50,-1.14196,if(indicator(name='Industrial Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-14.4756,if(indicator(name='Larch AVI unity ac\_new', units='density', nodata\_fill=0)>50,-1.27547,if(indicator(name='Wetlands Marsh', units='density', nodata\_fill=0)>50,-14.908,if(indicator(name='Mine Pits Unityb', units='density', nodata\_fill=0)>50,-14.2832,if(indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.83723,if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,-2.33599,if(indicator(name='Agriculture Pasture Unityb', units='density', nodata\_fill=0)>50,-13.7578,if(indicator(name='Rural Settlement Unityb', units='density', nodata\_fill=0)>50,-13.326,if(indicator(name='Shrubland Unityb', units='density', nodata\_fill=0)>50,-0.9343,if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.04119,if(indicator(name='Wetlands Swamp', units='density', nodata\_fill=0)>50,-0.2429,if(indicator(name='Urban Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-11.6237,-13.3339)))))))))))))))))+3.961814\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)-0.25695\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2) -0.21391\*(indicator(name='Major Road Unityb', units='density', nodata\_fill=0)+indicator(name='Minor Road Unityb', units='density', nodata\_fill=0))/100-2.31356\*(indicator(name='PetroWell Gas Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Oil Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Other Unityb', units='density', nodata\_fill=0)+indicator(name='PetroWell Water Unityb', units='density', use\_static=True, static\_time=2010, nodata\_fill=0))/100-11.3218\*indicator(name='Seismic Lines Unityb', units='density', nodata\_fill=0)/100+2.075763\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.031104\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.74726\*((indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0))\*\*2)-0.02583\*((indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0))\*\*2) -0.07496\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+12.59446\*indicator(name='xPotential Evapotranspiration ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xMean Annual Precipitation ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.828425\*indicator(name='xMean Annual Temperature ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)\*indicator(name='xAnnual Heat Moisture Index ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) -2.45953\*indicator(name='xPotential Evapotranspiration ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.33285\*indicator(name='xMean Annual Temperature ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) -11.1404\*indicator(name='xMean Annual Precipitation ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0) -0.74147\*indicator(name='Pipelines Unityb', units='density', nodata\_fill=0)/100+if((if(indicator(name='Mixed Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='Deciduous Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Deciduous AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='White Spruce Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0),0)+if(indicator(name='Pine Origin AVI', units='density', nodata\_fill=0)==3,indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0),0))>50,1-(indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)\*200/50),0) +if((indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0))>50,-2.33989\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0),if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,-2.33735\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)+0.687471\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2),if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,-8.52217\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0), 0)))))) + 0.956944\*sqrt(indicator(name='CAWA preferred habitat 1000m', units='density',nodata\_fill=0)/100))