(-6.43+if(indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50, -0.2455,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)>50,4.6,if(indicator(name='Wetlands Fen', units='density', nodata\_fill=0)>50, -11.0387,if(indicator(name='Grassland Unityb', units='density', nodata\_fill=0)>50,2.9,if(indicator(name='Industrial Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-8.863,if(indicator(name='Larch AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.872,if(indicator(name='Wetlands Marsh', units='density', nodata\_fill=0)>50,3.13,if(indicator(name='Mine Pits Unityb', units='density', nodata\_fill=0)>50,-9.153,if(indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0)>50, 0.619,if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,1.293,if(indicator(name='Agriculture Pasture Unityb', units='density', nodata\_fill=0)>50,-11.167,if(indicator(name='Rural Settlement Unityb', units='density', nodata\_fill=0)>50,-9.535,if(indicator(name='Shrubland Unityb', units='density', nodata\_fill=0)>50,3.668,if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,1.912,if(indicator(name='Wetlands Swamp', units='density', nodata\_fill=0)>50,3.912,if(indicator(name='Urban Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-7.471,-8.681)))))))))))))))))+17.325\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)-13.624\*((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))-0.291\*(indicator(name='Major Road Unityb', units='density', nodata\_fill=0)+indicator(name='Minor Road Unityb', units='density', nodata\_fill=0))/100+1.512\*(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))/100-13.612\*indicator(name='Seismic Lines Unityb', units='density', nodata\_fill=0)/100-0.032\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.285\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.455\*((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)-0.0308\*((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)+1.674\*indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100-14.121\*((indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100)\*\*2)+0\*indicator(name='Total Agriculture 1000m', units='density', nodata\_fill=0)/100+2.465\*indicator(name='Seismic Pipeline Cutblock AVI 1000m', units='density', nodata\_fill=0)/100-0.2062\*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)+0\*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\*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)-0\*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\*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)-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\*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)-4.004\*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)-2.51\*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) -2.169\*((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))>50,0\*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)>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='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='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='BRCR preferred habitat 1000m', units='density', nodata\_fill=0)/100+0.0518324\*sqrt(indicator(name='BRCR 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:

(-6.43+if(indicator(name='Black Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50, -0.2455,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)>50,4.6,if(indicator(name='Wetlands Fen', units='density', nodata\_fill=0)>50, -11.0387,if(indicator(name='Grassland Unityb', units='density', nodata\_fill=0)>50,2.9,if(indicator(name='Industrial Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-8.863,if(indicator(name='Larch AVI unity ac\_new', units='density', nodata\_fill=0)>50,-0.872,if(indicator(name='Wetlands Marsh', units='density', nodata\_fill=0)>50,3.13,if(indicator(name='Mine Pits Unityb', units='density', nodata\_fill=0)>50,-9.153,if(indicator(name='Mixed AVI unity ac\_new', units='density', nodata\_fill=0)>50, 0.619,if(indicator(name='Pine AVI unity ac\_new', units='density', nodata\_fill=0)>50,1.293,if(indicator(name='Agriculture Pasture Unityb', units='density', nodata\_fill=0)>50,-11.167,if(indicator(name='Rural Settlement Unityb', units='density', nodata\_fill=0)>50,-9.535,if(indicator(name='Shrubland Unityb', units='density', nodata\_fill=0)>50,3.668,if(indicator(name='White Spruce AVI unity ac\_new', units='density', nodata\_fill=0)>50,1.912,if(indicator(name='Wetlands Swamp', units='density', nodata\_fill=0)>50,3.912,if(indicator(name='Urban Undifferentiated Unityb', units='density', nodata\_fill=0)>50,-7.471,-8.681)))))))))))))))))+17.325\*indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0)-13.624\*((indicator(name='MeanForestAgeBAMABMIbirdmodels v3 ac\_new', units='density', nodata\_fill=0))\*\*2)+ -0.291\*(indicator(name='Major Road Unityb', units='density', nodata\_fill=0)+indicator(name='Minor Road Unityb', units='density', nodata\_fill=0))/100+1.512\*(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))/100-13.612\*indicator(name='Seismic Lines Unityb', units='density', nodata\_fill=0)/100-0.032\*indicator(name='xLatitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)+0.285\*indicator(name='xLongitude ac\_new', units='density', scen='historic - empirical or loaded from outside data', use\_static=True, static\_time=2010, nodata\_fill=0)-0.455\*((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)-0.0308\*((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)+1.674\*indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100-14.121\*((indicator(name='Water Lentic 1000m', units='density', nodata\_fill=0)/100)\*\*2)+ 2.465\*indicator(name='Seismic Pipeline Cutblock AVI 1000m', units='density', nodata\_fill=0)/100-0.2062\*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)+ -4.004\*indicator(name='Pipelines Unityb', units='density', nodata\_fill=0)/100+ -2.169\*((indicator(name='Seismic Pipeline Cutblock AVI 1000m', units='density', nodata\_fill=0)/100)\*\*2) +0.0518324\*sqrt(indicator(name='BRCR preferred habitat 1000m', units='density',nodata\_fill=0)/100))