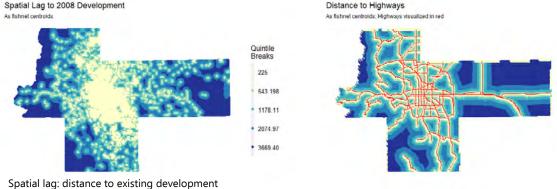
This model uses the independent variables on the left to predict whether a given area of the Denver Regional Council of Governments (DRCOG) is likely to become developed in a ten-year time span. This model is then used, in concert with other factors, to propose an "allocation" for newly developed space which reflects Denver's past development patterns.

Urban Growth Modeling in the Denver Area

Henry Feinstein & Johnathan Clementi | CPLN 675 HW 5 | May 10, 2022

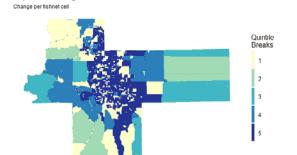
Independent Variables

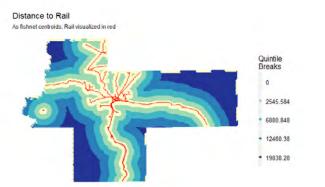
Land Cover Types, 2008 As fishnet centroids developed farm forest otherUndeveloped water wetlands • Other • Land Cover



spatial lag. distance to existing development

Population Change, DRCOG: 2009-2019





Quintile

NA

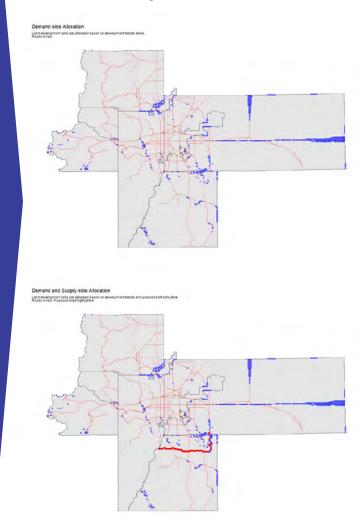
NA.

* NA

· NA

Allocation of New Development

The model predicts development along highways in the eastern side of DRCOG, as well as interspersed throughout Denver and its surrounding suburbs.



Population change assessed at Census tract level