

Spillover

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Definition: Spillover effects are the unintended impacts of changes to or developments of one area on a neighboring or nearby area. Spillover effects are a type of spatial externality and are usually measured as spatially lagged exogenous variables.

Application:

The following is a description of the use of spillover effects in the analysis of residential segregation and neighborhood change. "Dating back to the work of early human ecologists at the Chicago School, urban sociologists and geographers have had indications of neighborhood spillover effects in the neighborhood change. Some geographers (Huff, 1986, 1992; Huff and Waldorf, 1988; Waldorf, 1993) argue that ethnic neighborhoods inhibit dispersion and that the relocation potential for residents of ethnic enclaves is limited to locations within the enclave or nearby. Furthermore, Whites anticipate the spillover of minorities into nearby neighborhoods and hasten their departures whenever neighborhoods have high potential for minority settlement from nearby neighborhoods. Denton and Massey (1993) found that Whites are more likely to leave neighborhoods that are in close proximity to Black or Hispanic enclaves. Therefore, a neighborhood context near a Mexican enclave has an elevated chance of becoming increasingly Mexican both from the Anglo departures and from localized Mexican mobility. On the other hand, this process may be inhibited if the surrounding neighborhood has relatively high home values," (Little, 2001).

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