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| **Aggregate Spatial Interaction-based Models** | **Aggregate Utility-based Models** | **Micro-Simulation Models** | **Other** |
| ITLUP : DRAM, EMPAL, METROPILUS *(Putman,1983, 1991, 1998)* | BASS / CUF Model  *(Landis, 1994; Landis & Zhang, 1998)* | ABSOLUTE *(Arentze et al., 2003)* | MARS  *(Pfaffenbichler, 2011; Pfaffenbichler et al., 2010; Mayerthaler et al., 2009)*: systems dynamics-based |
| KIM *(Kim, 1989; Rho and Kim, 1989)* | CATLAS, METROSIM (*Anas 1983, 1984, 1994)* | ILUTE  *(Miller and Savini, 1998; Miller et a.l, 2011)* |  |
| Leeds Integrated Land-Use model  (*Mackett, 1983, 1990, 1991)* | DELTA-START (*Simmonds and Still, 1998; Simmonds, 2001)* | Irvine simulation models  *(McNally, 1997, 1998)* |  |
| Lowry-Garin model *(Lowry, 1964; Garin 1966)* | IMREL  *(Anderstig & Mattsson, 1991,1998)* | ILUMASS  *(Moeckel, et al., 2002)* |  |
| MEPLAN  *(Echenique et al., 1969, 1990; Hunt & Echenique, 1993)* | IRPUD  *(Wegener,1982;*  1996;2004*)* | PECAS  *(Hunt et al., 2008 )* |  |
| STASA *(Haag, 1990)* | MUSSA -ESTRAUS *(Martinez, 1992, 1996)* | RAMBLAS  *(Veldhuisen, et a.l, 2000)* |  |
| The Projective Land Use Model  *(Goldner, 1972)* | RURBAN  *(Udomsri, 1996; Miyamoto et al., 2007)* | SIMPOP*(Bura, et al., 1996; Sanders, et al., 1997)* |  |
| Time Oriented Metropolitan Model *(Crecine,1964)* | Uplan  *(Johnston, et a.l, 2003)* | TRESIS (Hensher and Ton, 2001) |  |
| TRANUS  *(de la Barra 1989; Donnelly and Upton, 1998)* |  | UrbanSim  *(Waddell 2000, 2002; Waddell et al., 2003)* |  |