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| **Utility Maximization-based models** | **Micro-Simulation models** | **Other** |
| Atlanta ARC (PB et al., 2006) | ALBATROSS (Arentze and Timmermans, 2000, 2004) | HAPP (Recker,1995) based on operations research approach |
| CEMDAP (Bhat et al., 2004) | AMOS (Pendyala et al., 1997) |
| CEMUS(Eluru et al., 2008) | CARLA (Clarke, 1986) |
| Columbus MORPC (PB Consult 2005) | HATS (Jones *et al.,* 1983) |
| FAMOS (Pendyala et al., 2005) | LUTDMM ( Xu *et al.,* 2005) |
| New York NYMTC (Vovsha, et al., 2002) | MATSIM (Balmer *et al.,* 2005) |
| Portland METRO (Bowman, 1998) | STARCHILD (Recker *et al.,* 1986) |
| SACSIM (Bradley et al., 2009) | SCHEDULER (Gärling *et al.,* 1994) |
| SFCTA (Outwater and Charlton, 2006) | SMASH (Ettema *et al.,* 1993, Ettema et al., 1996) |
| Sacramento SACOG- DaySim (Bowman and Bradley, 2005) | TASHA (Miller & Roorda 2003) |
|  | TRANSIMS (Smith et al., 1995; Nagel *et* *al.,*2001) |