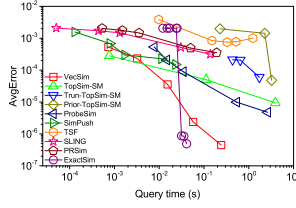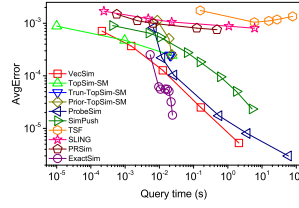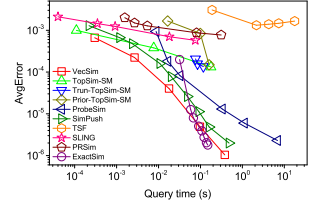(a) Email-Eu-core   (b) Wiki-Vote   (c) HepTh   (d) HepPh
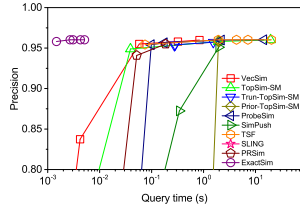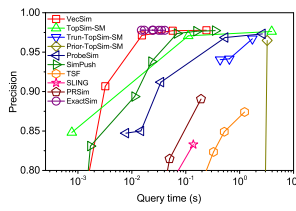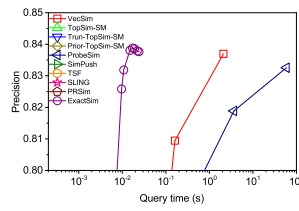
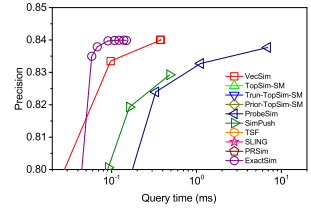**Figure 4: Query time v.s. AvgError in small graphs**

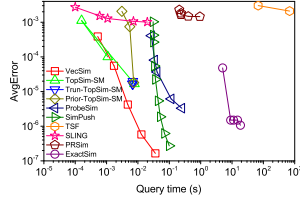

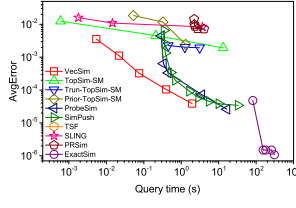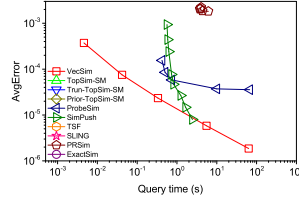(a) Email-Eu-core   (b) Wiki-Vote   (c) HepTh   (d) HepPh

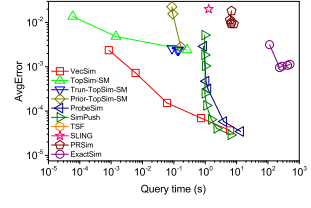**Figure 5: Query time v.s. Precision in small graphs**
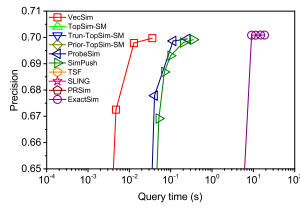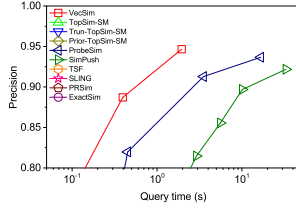

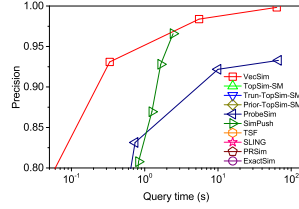(a) CitPatents   (b) It-2004   (c) Friendster   (d) webBase-2001

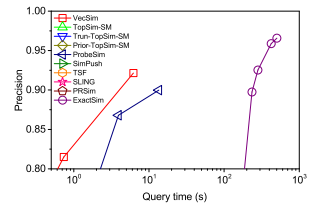**Figure 6: Query time v.s. AvgError in large graphs**

(a) CitPatents   (b) It-2004   (c) Friendster   (d) webBase-2001

Figure 7: Query time v.s. Precision in large graphs