



FIGURE 10. These charts represent the number of missing values (horizontal axis) versus  $IR_{pve}$  (vertical axis), the percentage of the time the frequency pruning algorithm (Subsection 1.2) outperforms the algorithms for filling in missing values for the four synthetic data sets for  $q = 0$ . The legend indicates the original algorithm for filling in missing values (Naive, Prophet, or the ANN) The algorithms for filling in missing values and frequency pruning sets are described in section 2.1.