



FIGURE 8. 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 real-life data across all values of  $q$  but only using the linear algorithm for filling in missing value. The legend indicates the value of  $q$ . The algorithms for filling in missing values and frequency pruning sets are described in section 2.1.