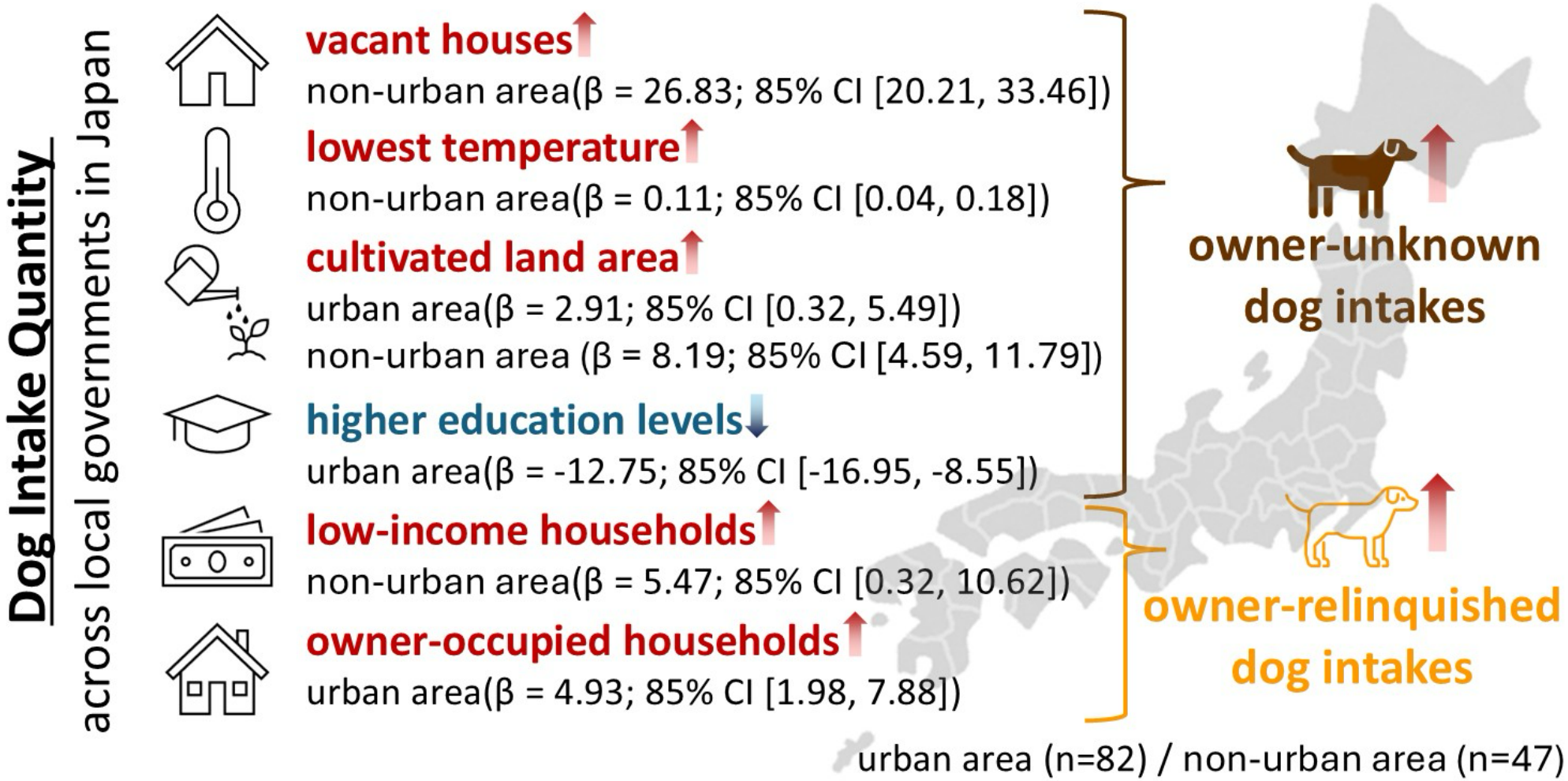

Across local governments in Japan, owner-unknown dog intakes were positively associated with vacant houses, lowest temperature, and cultivated land area, and negatively associated with higher education levels. Owner-relinquished dog intakes were positively associated with low-income and owner-occupied households.