F I G U R E 1 Schematic illustration of our test protocols and the statistical analysis process (sketches drawn by EV)
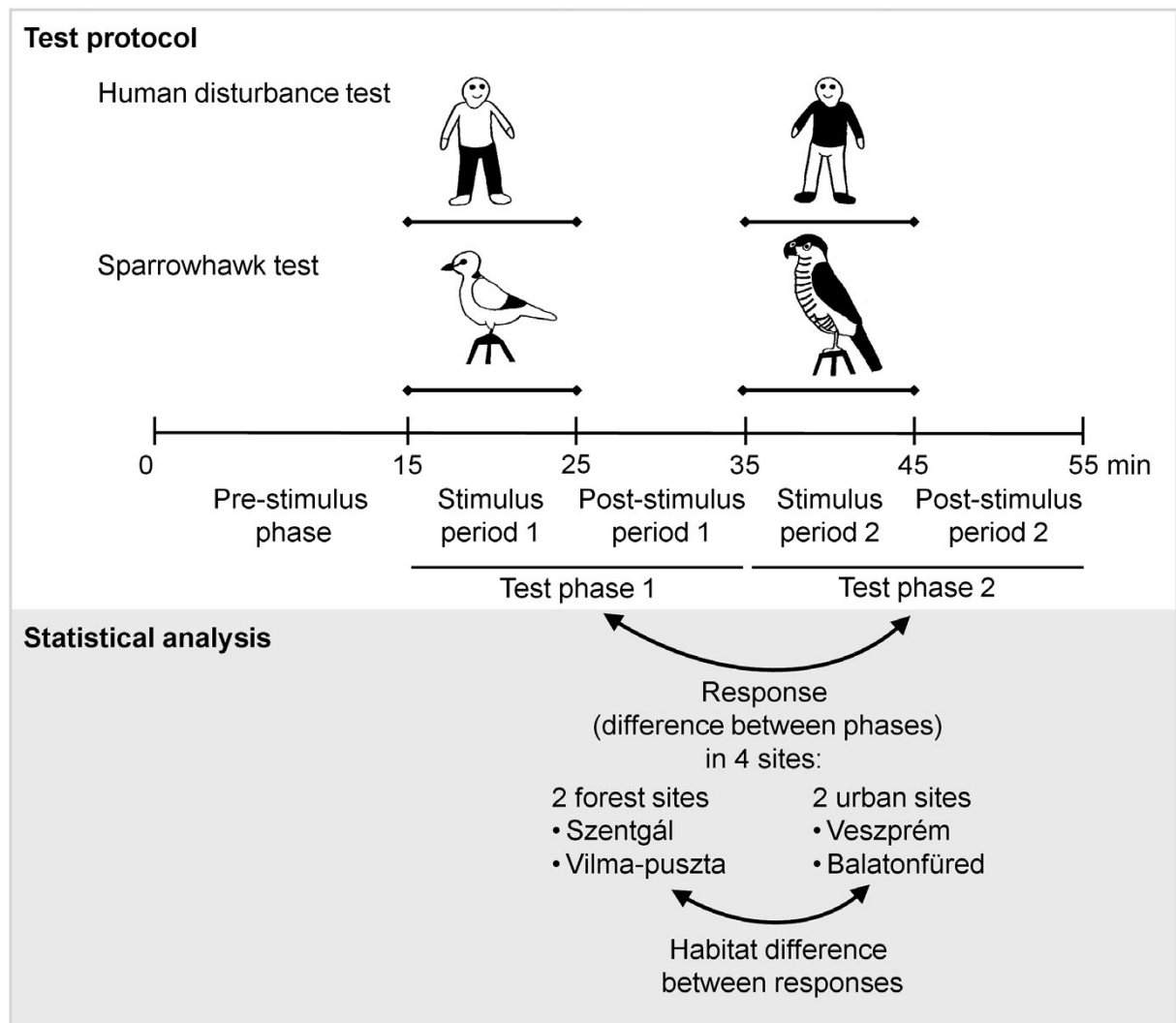
FIGURE2 Return latencies at the four sites in the pre‑stimulus phase and the two test phases of the human disturbance test (a), in the familiar and unfamiliar person phases of the human disturbance test (b), and in the two test phases of the sparrowhawk test (c). Sample sizes (number of individual birds) at each site for the human disturbance test and sparrowhawk test, respectively, are provided in brackets. Boxplots show the median and the interquartile range, with the whiskers representing data within the 1.5 × interquartile range
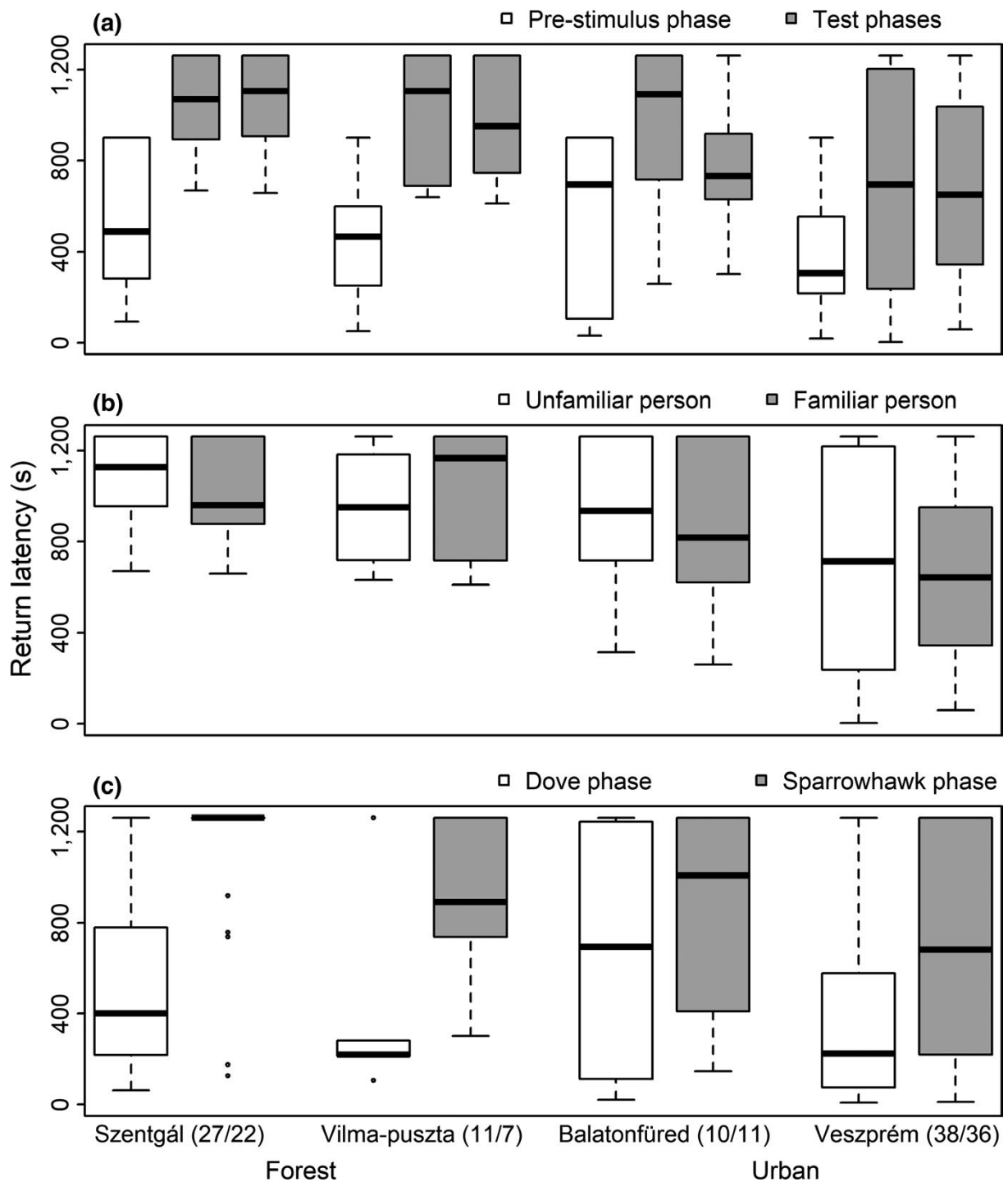
FIGURE 3 Correlations at the four sites between return latencies in seconds in the human disturbance test and the sparrowhawk test (a) and between responses to human disturbance and responses to sparrowhawk (residual return speed expressed as martingale residuals from Cox models, controlling for pretest behavior; see Section 2) (b). Sample sizes (number of individual birds) at each site are provided in brackets