APPENDIX

Sensitivity analyses

Welch's t-test was conducted as a sensitivity test of the relationship in the proportion of damage and damage severity between medical complexes and non-medical buildings, accounting for unknown variance and unequal sample sizes, using the following equation:

$$t = \frac{m_{non-medical} - m_{medical}}{\sqrt{\frac{s_{non-medical}^2}{n_{non-medical}} + \frac{s_{medical}^2}{n_{medical}}}}$$

where *m* is the mean, *s* is the standard deviation, and *n* is the number of observations. A significance level of 0.05 was used. The proportions of damage and damage severity were not statistically different between medical complexes and other buildings (p>0.7292 and p>0.5548, respectively).