## **Supplementary material**

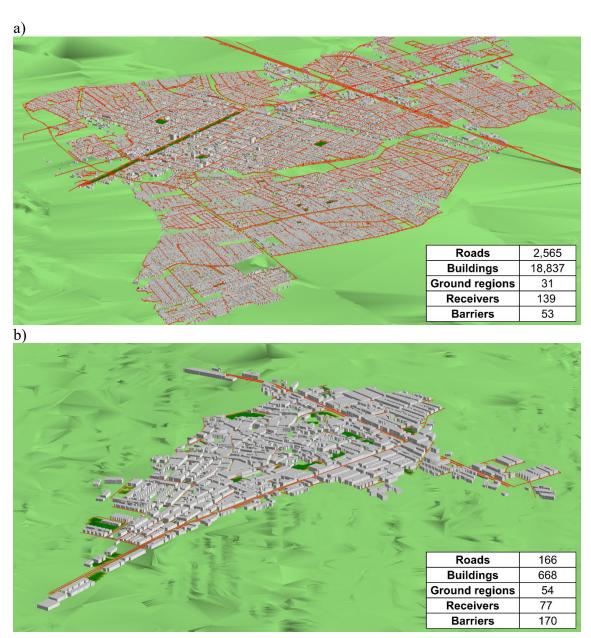


Fig. S1. Three-dimensional models of cities of (a) Talca and (b) Moraleja

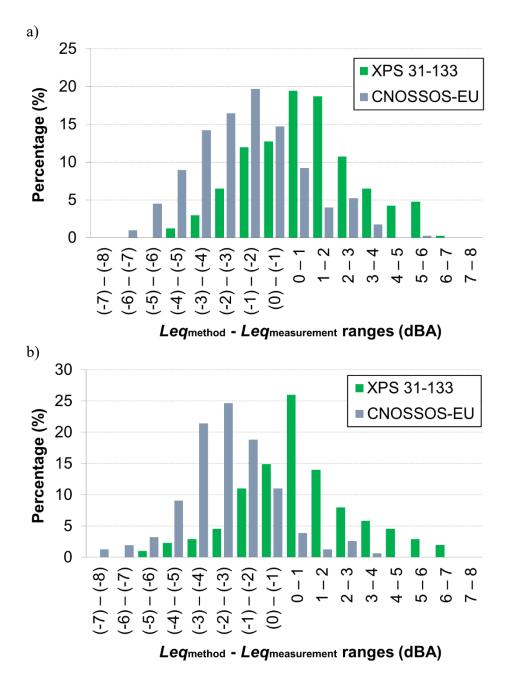


Fig. S2. Distribution of noise model uncertainties in cities of (a) Talca and (b) Moraleja