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**HOW WELL DO SEISMIC PERFORMANCE ASSESSMENT METHODS PERFORM IN THE LIGHT OF
FIELD DATA?**

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ABSTRACT

The goodness of estimates for regional urban seismic risk for buildings has not been fully tested in the light of field data. This stems from a dearth of studies related to how well performance assessment procedures forecast individual buildings. Three identical buildings were subjected to strong ground motions over an eleven-year period in Turkey. With extensive documentation for the input motions and the resulting damages it was possible to test how well those damages could have been forecast. Analytical studies are not encouraging.