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**ASSUAD-NAGATA DIMENSION OF NILPOTENT GROUPS
WITH ARBITRARY LEFT INVARIANT METRICS**

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Suppose G is a countable, not necessarily finitely generated, group. We show G admits a proper, left-invariant metric d_G such that the Assouad-Nagata dimension of (G, d_G) is infinite, provided the center of G is not locally finite. As a corollary we solve two problems of A.Dranishnikov.

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