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Logan McKee Higginbotham* (lhiggin3@vols.utk.edu) and **Thomas Weighill**. *Coarse quotients by group actions and the preservation of Property A.*

For a discrete metric space (or more generally a large scale space) X and an action of a group G on X by coarse equivalences, we define a type of coarse quotient space X_G , which agrees up to coarse equivalence with the orbit space X/G when G is finite. We then show that if X has Property A and G is amenable, then we show that X_G has Property A. (Received August 24, 2017)