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**Jacob Tsimerman\***, 238 Columbia St., 2W, Cambridge, MA 02139. *Most Abelian Varieties over the  $\mathbb{Q}$  are not Isogenous to a Jacobian.*

We construct families of Abelian Varieties over  $\mathbb{Q}$  for which most members are not isogenous to a Jacobian Variety. Our methods combine a recent result of D.Zywina on monodromy for Abelian Varieties in families, with an equidistribution result for Hecke operators. (Received February 19, 2013)