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Sean Timothy Paul* (stpaul@wisc.edu), 480 Lincoln Drive, Madison, WI 53706. *The CM stable locus is Zariski Open.*

As a corollary of the proof of global generation of the line bundles defining CM-stability we show that in a flat family of smooth Fano manifolds with finite automorphisms, the locus of points in the base admitting a KE metric is open in the Zariski topology. A similar result had been established several years ago by S. Donaldson. (Received February 01, 2016)