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**Wenzhi Luo\*** ([luo.43@osu.edu](mailto:luo.43@osu.edu)), 231 West 18th Avenue, Columbus, OH 43210. *On simultaneous non-vanishing of the central  $L$ -values.*

We derive a new quantitative result on the simultaneous non-vanishing of the central  $L$ -values twisted by quadratic characters, for pairs of holomorphic cuspidal Hecke eigenforms with large weight  $2k$ . (Received January 22, 2017)