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A. Agboola* (agboola@math.ucsb.edu), Department of Mathematics, University of California, Santa Barbara, CA 93106. *On Rubin's variant of the p -adic Birch and Swinnerton-Dyer conjecture.*

We shall describe new results on Rubin's variant of the p -adic Birch and Swinnerton-Dyer conjecture for CM elliptic curves. This conjecture concerns certain special values of the Katz two-variable p -adic L-function that lie outside the range of p -adic interpolation. (Received August 14, 2006)