

ZMATH 2008a.00435

Lamb, John H.

Who will win?: Predicting the presidential election using linear regression.

Math. Teach. (Reston) 101, No. 3, 185-192 (2007).

Summary: This article outlines a linear regression activity that engages learners, uses technology, and fosters cooperation. Students generated least-squares linear regression equations using TI-83 Plus[™] graphing calculators, Microsoft[C] Excel, and paper-and-pencil calculations using derived normal equations to predict the 2004 presidential election. (Contains 2 tables, 6 figures and 2 appendices.) (ERIC)

Classification: K83 K84 M73 M74 R23 R24

Keywords: graphing calculators; regression; equations; elections; educational technology; computer software; computer uses in education; computation; prediction; secondary school mathematics; spreadsheets; mathematical applications