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Andrey Sarantsev* (asarantsev@unr.edu), 1664 N Virginia St, Reno, NV 89557. *Statistical long-term stock market analysis.*

We model long-term returns of the stock market, measured by the Standard & Poor 500, as a dynamic factor regression model. We use factors such as cyclically adjusted earnings yield and Treasury rates. This continues research by Nobel Prize-winning economist Robert Shiller on irrational exuberance. (Received August 09, 2019)