Impact of Runoff Electoral Design on the Number of Valid Votes 2000-2016 General Mayor Elections in Brazil 2000 1.00 -0.80 -0.60 -0.40 -0.20 -2004 1.00 -0.80 -0.60 -0.40 -0.20 -Percent of Valid Votes 2008 1.00 -0.80 -0.60 -0.40 -0.20 -2012 1.00 -0.80 -0.60 -0.40 -0.20 -2016 1.00 -0.80 -0.60 -0.40 -0.20 -150,000 200,000 250,000 100,000 300,000 Registered Voters