theta[1]	1	0.510820608187299	1	1	1	1	0.5341535806006
theta[2]	2	0.497381479579534	1	2	2	2	0.513000969032161
theta[3]	3	0.524742604943775	1	3	3	3	0.502069407986132
theta[4]	4	0.510295762439857	1	4	4	4	0.51928703072076
theta[5]	5	0.551279660222727	1	5	5	5	0.527494504157525

sector sector_mean_theta

posterior_mean_theta sector stock

stockID