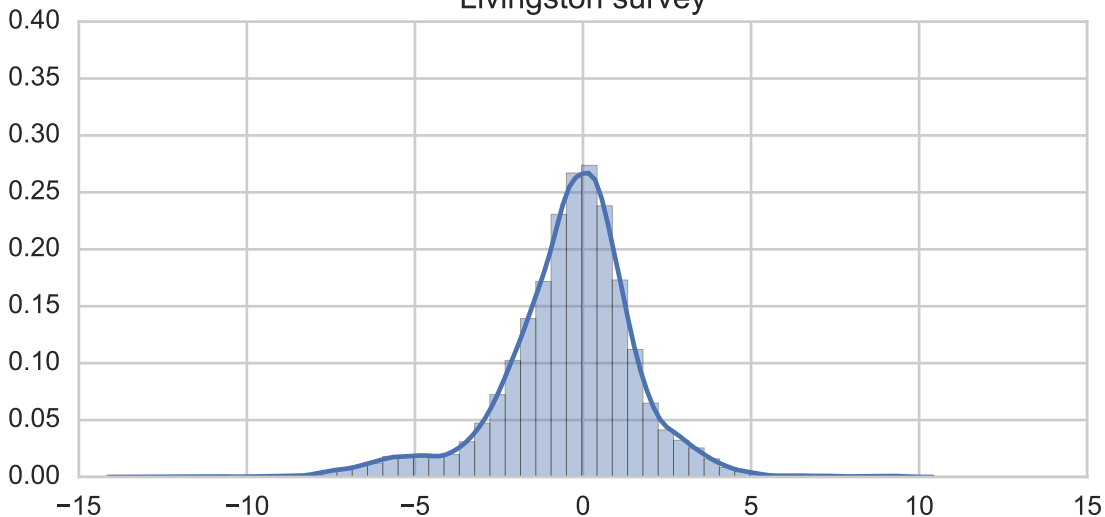


Livingston survey



SPF

