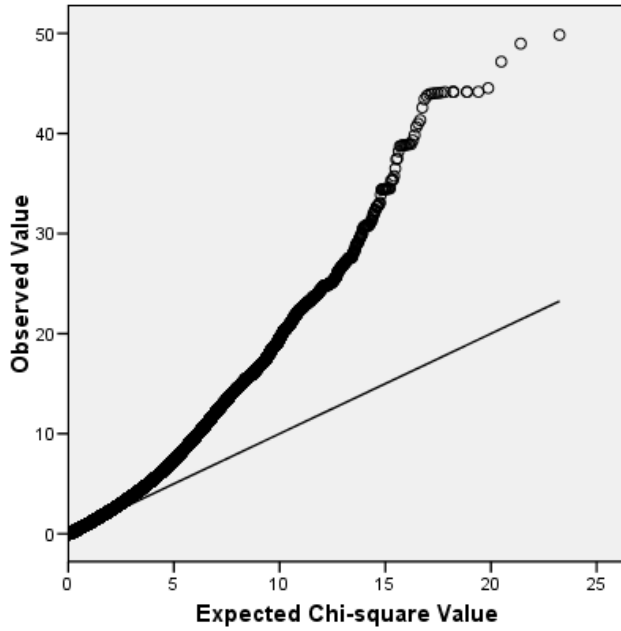
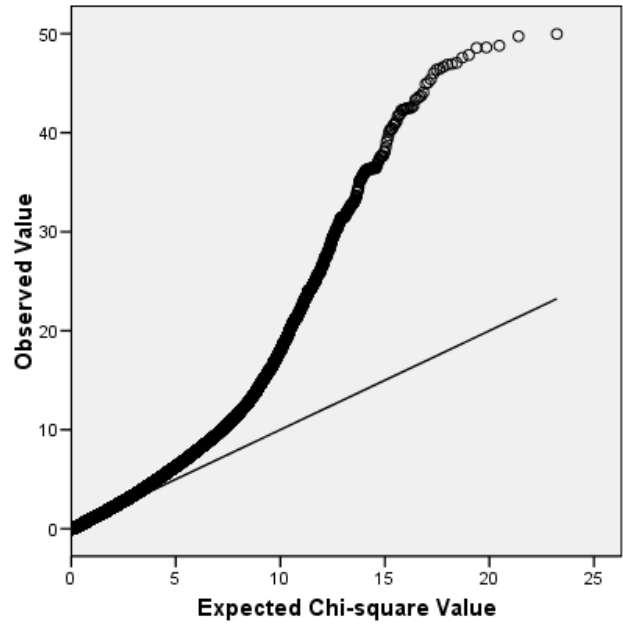


Web Figure 2. Q-Q plots comparing the expected and observed  $\chi^2$  values for WTCCC controls and each of the seven case collections: bipolar disorder (BD), Crohn's disease (CD), coronary artery disease (CAD), hypertension (HT), rheumatoid arthritis (RA), type 1 diabetes (T1D) and type 2 diabetes (T2D).

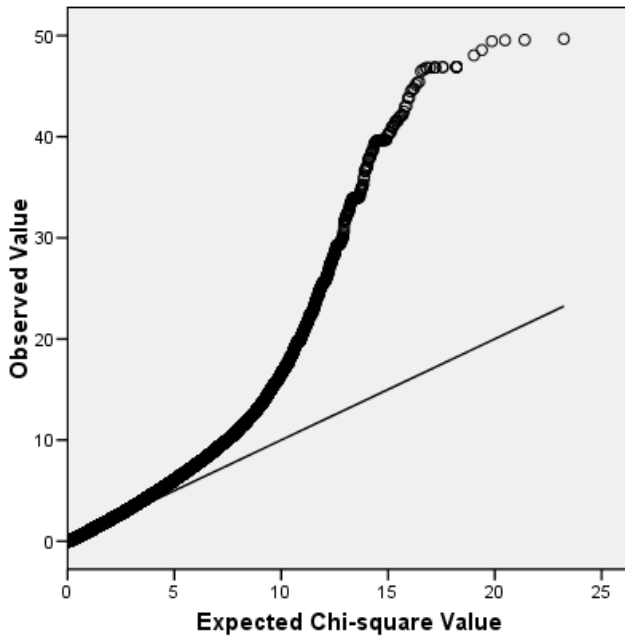
**Q-Q plot for controls**



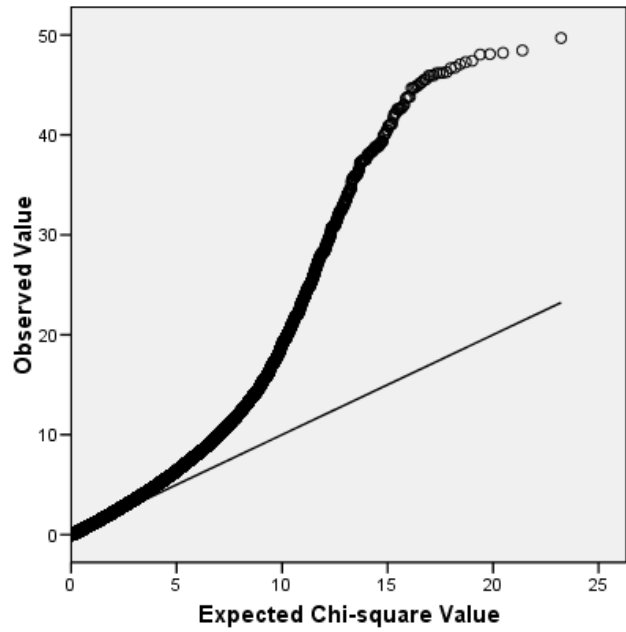
**Q-Q plot for BD cases**



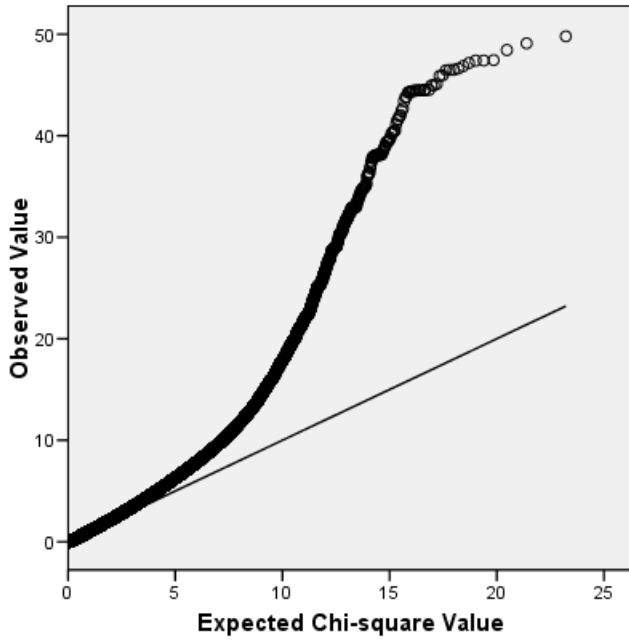
**Q-Q plot for CD cases**



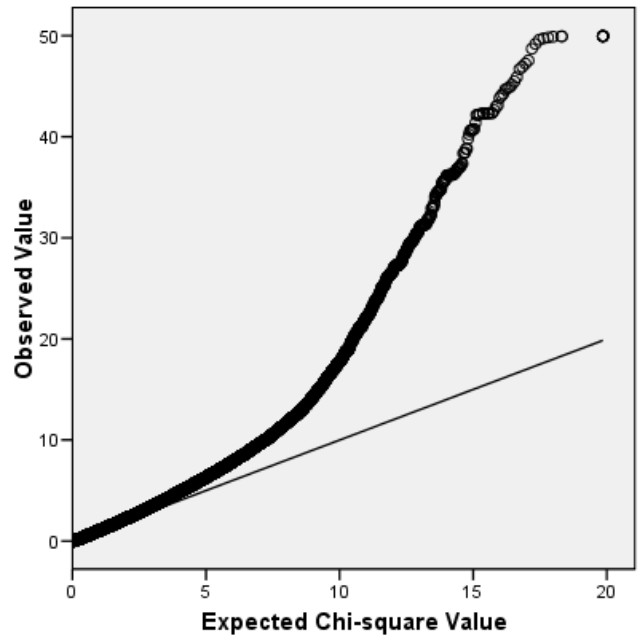
**Q-Q plot for CAD cases**



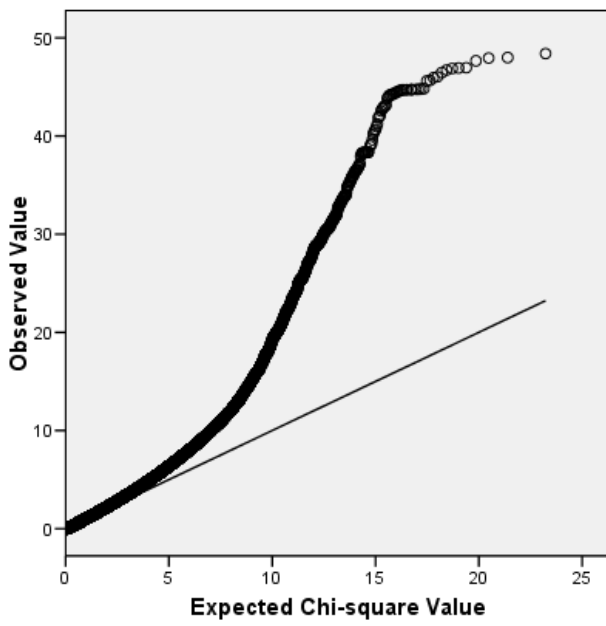
Q-Q plot for HT cases



Q-Q plot for RA cases



Q-Q plot for T1D cases



Q-Q plot for T2D cases

