**Supplementary Figure 1**: QQ plots for the phenotypes: TRD vs. response (**A**), TRD vs. response + non-response (**B**), percent symptom improvement in TRD and responders (**C**) in GSRD sample; TRD vs. response (**D**), TRD vs. response + non-response (**E**), percent symptom improvement in TRD and responders (**F**) in the meta-analysis of GSRD, STAR\*D and GENDEP.

|  |  |
| --- | --- |
| **A** (lambda=1.0006) | **B** (lambda=0.99) |
|  |  |
| **C** (lambda=0.99) | **D** (lambda=1.00) |
|  |  |
| **E** (lambda=1.0005) | **F** (lambda=1.004) |
|  |  |