best lambda=0.545; convenient lambda used=0.5
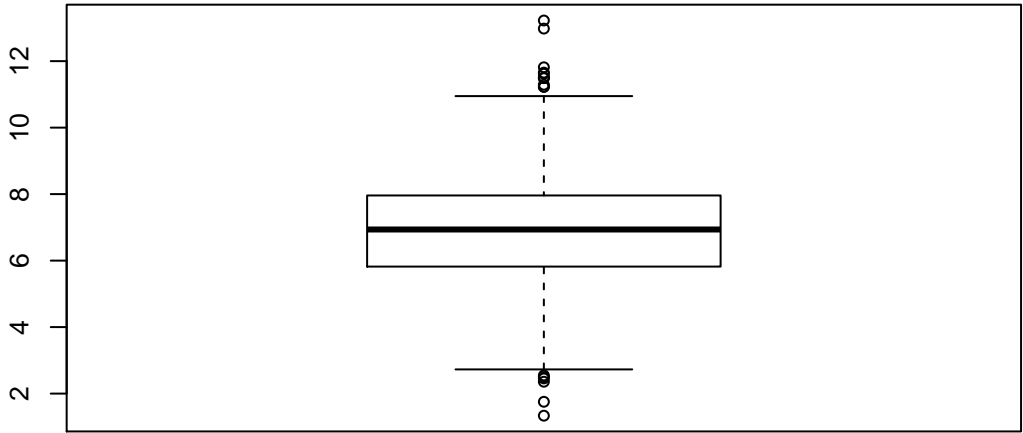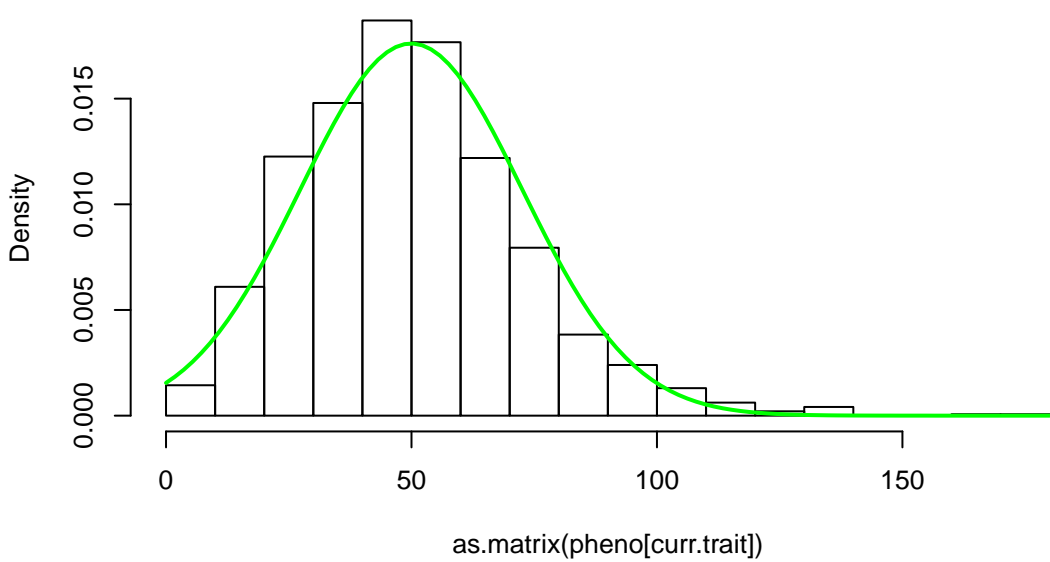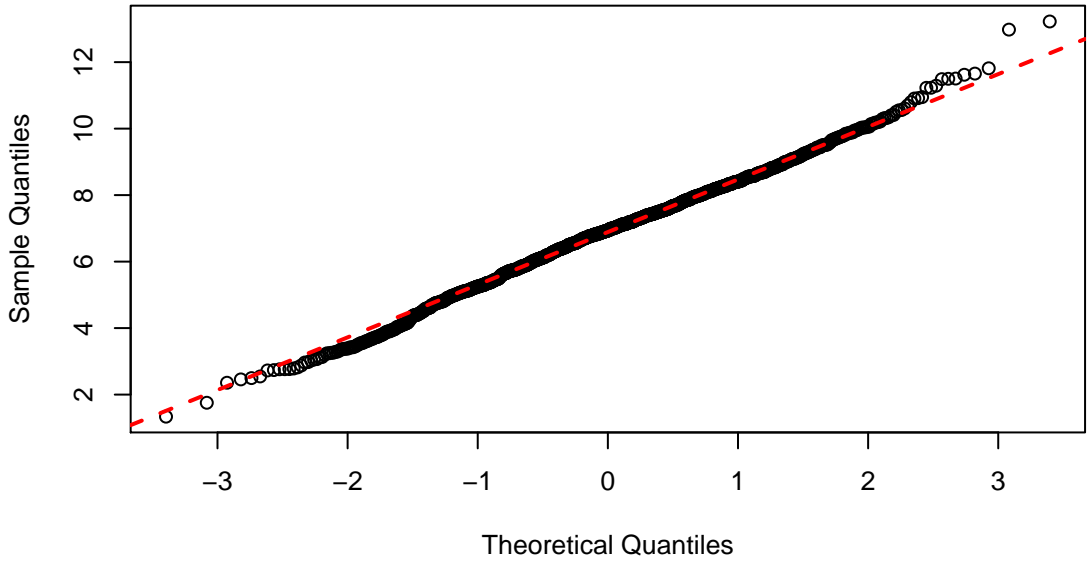
Old distribution

Normal Q–Q Plot

New distribution