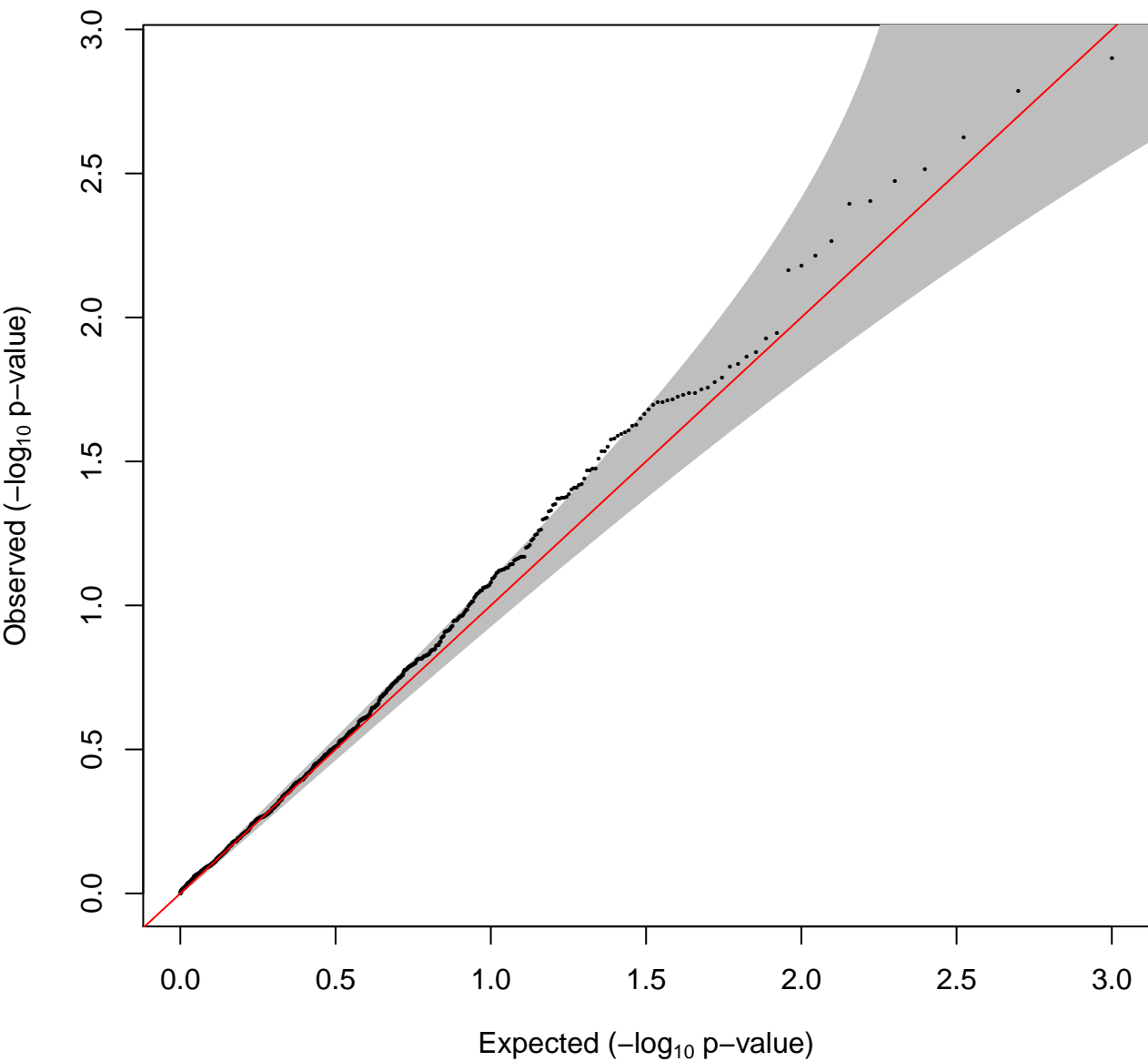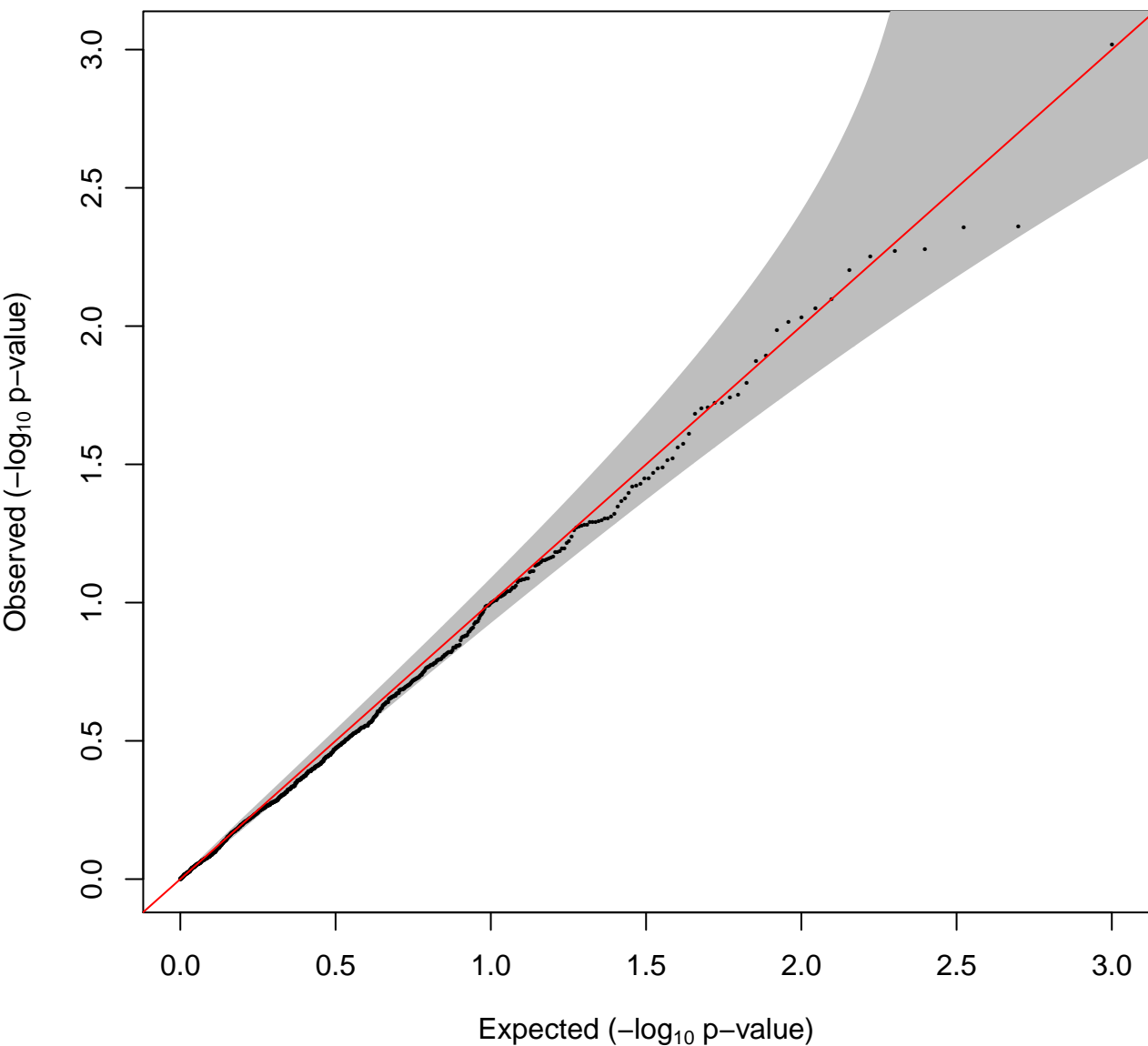**Plot of observed vs. expected $-\log_{10}$ p-values**
Marginal pi: 1
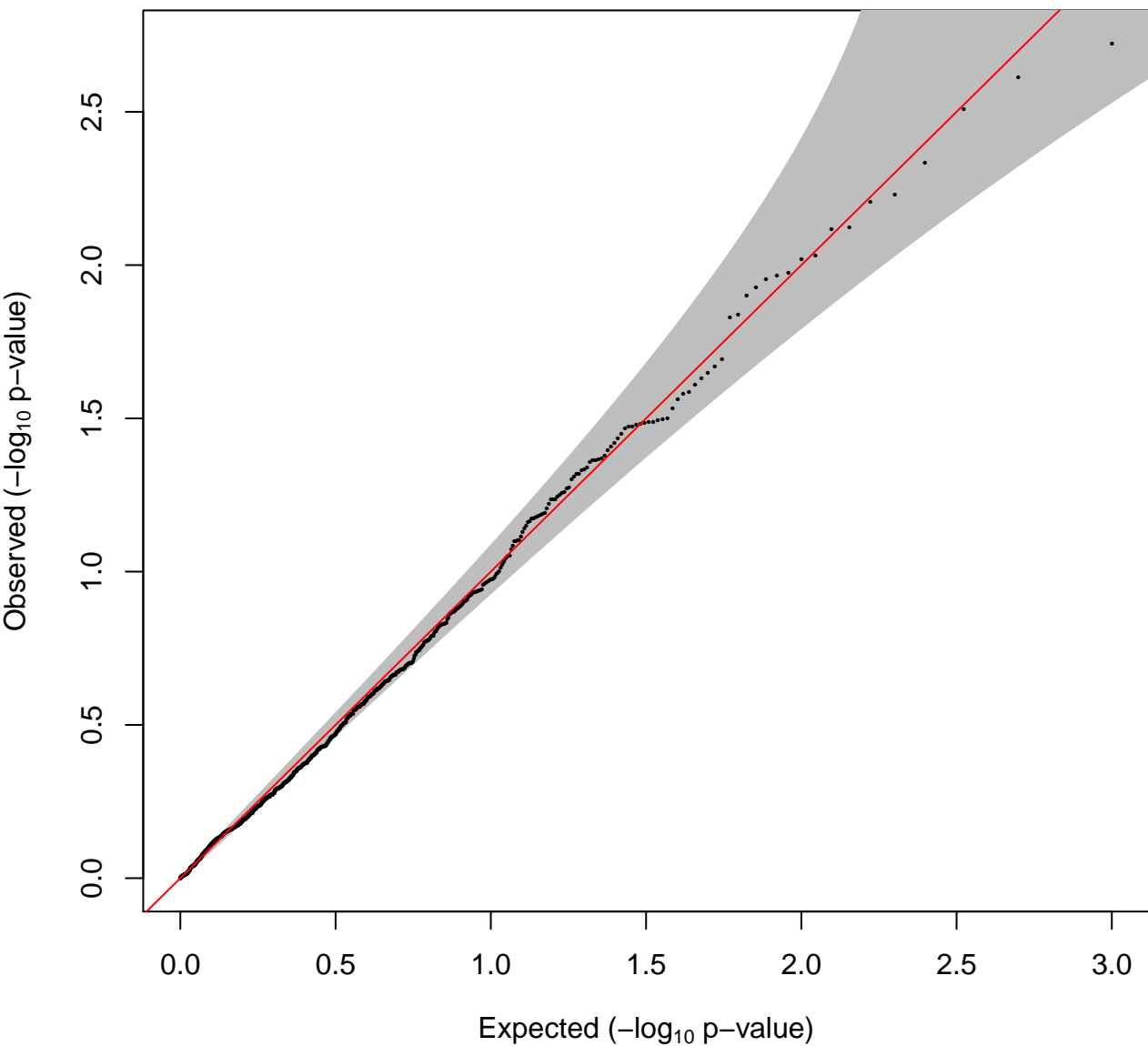
Plot of observed vs. expected −log$_{10}$ p−values
Marginal pi: 2

Observed (−log$_{10}$ p−value)

Expected (−log$_{10}$ p−value)

Plot of observed vs. expected −log₁₀ p−values
Marginal pi: 3

Plot of observed vs. expected −log₁₀ p−values
Marginal pi: retro