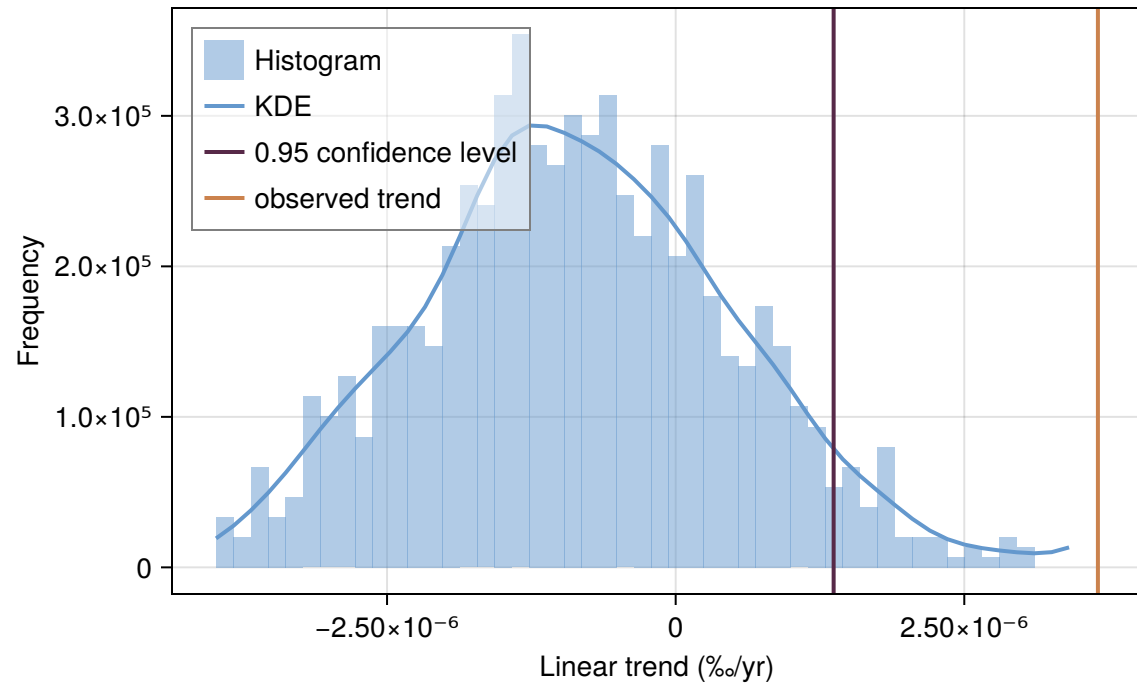


(a) σ^2 **(b)** $\hat{\alpha}_1$ 