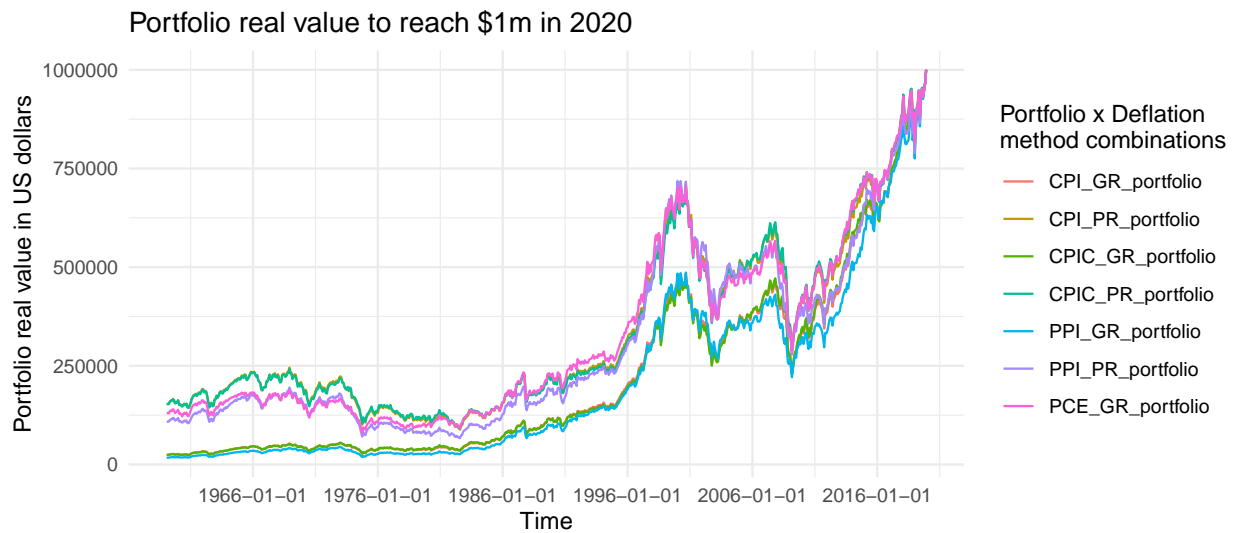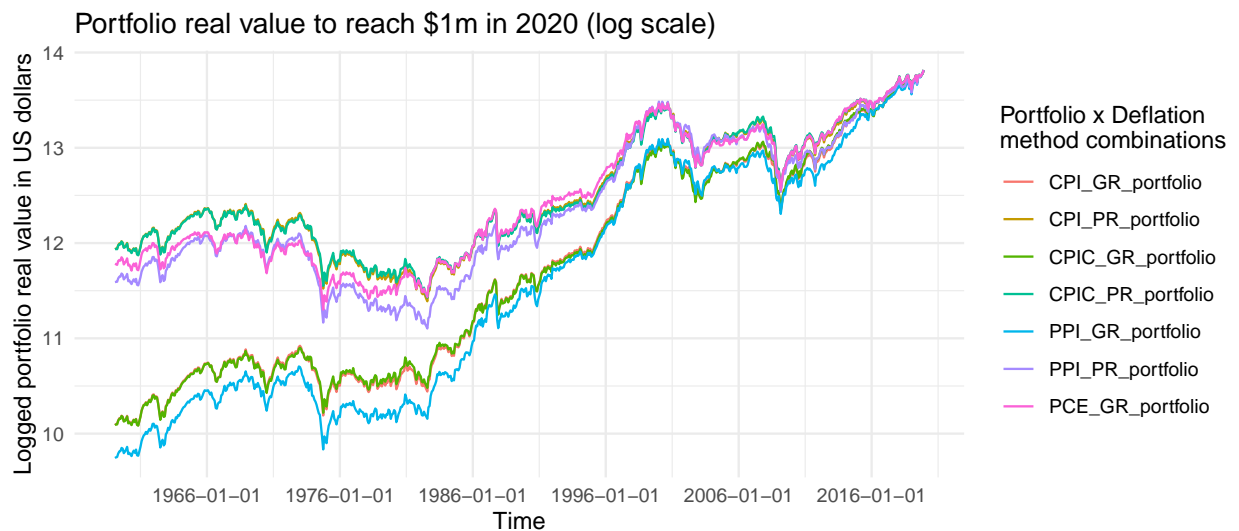# Real value of different portfolios to reach $1m in 2020

**Inflation measures: CPI, CPIC, PPI, PCE**

**Return types: GR(gross return), PR(price return)**
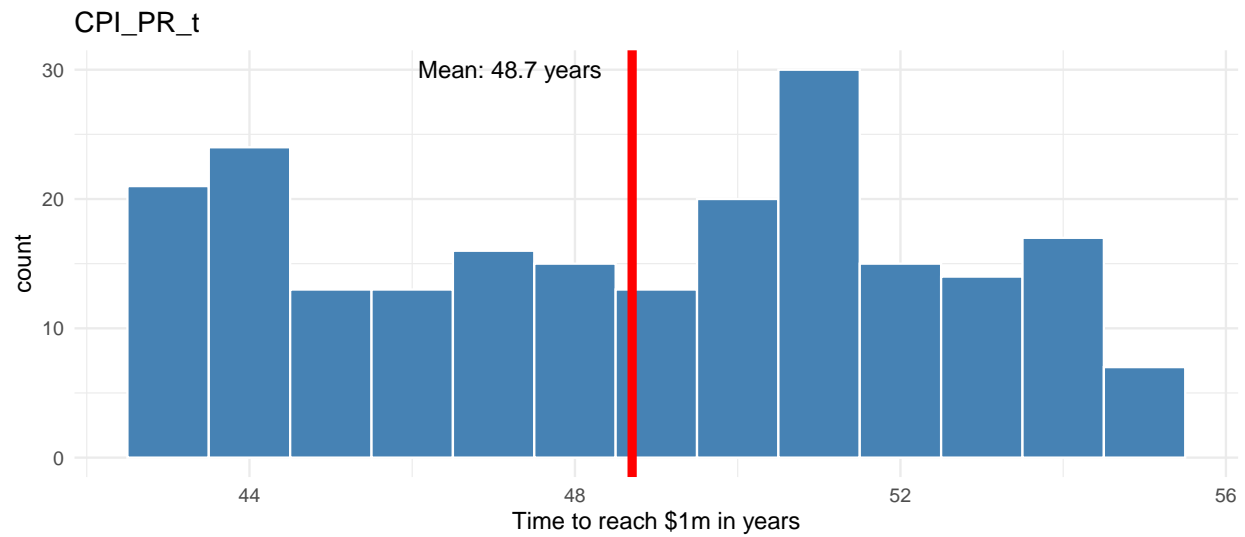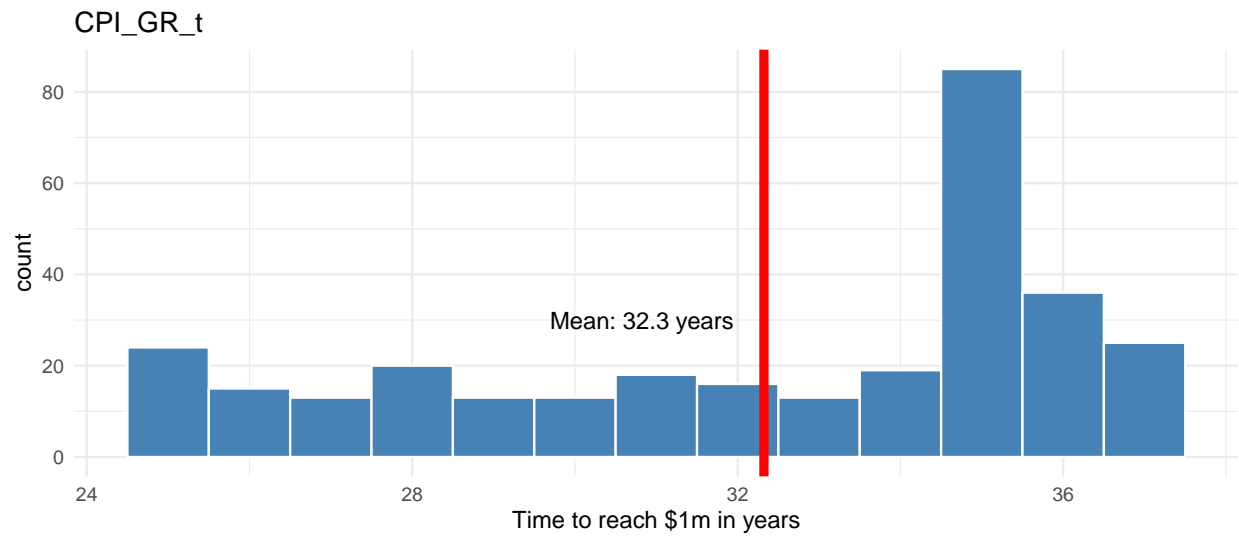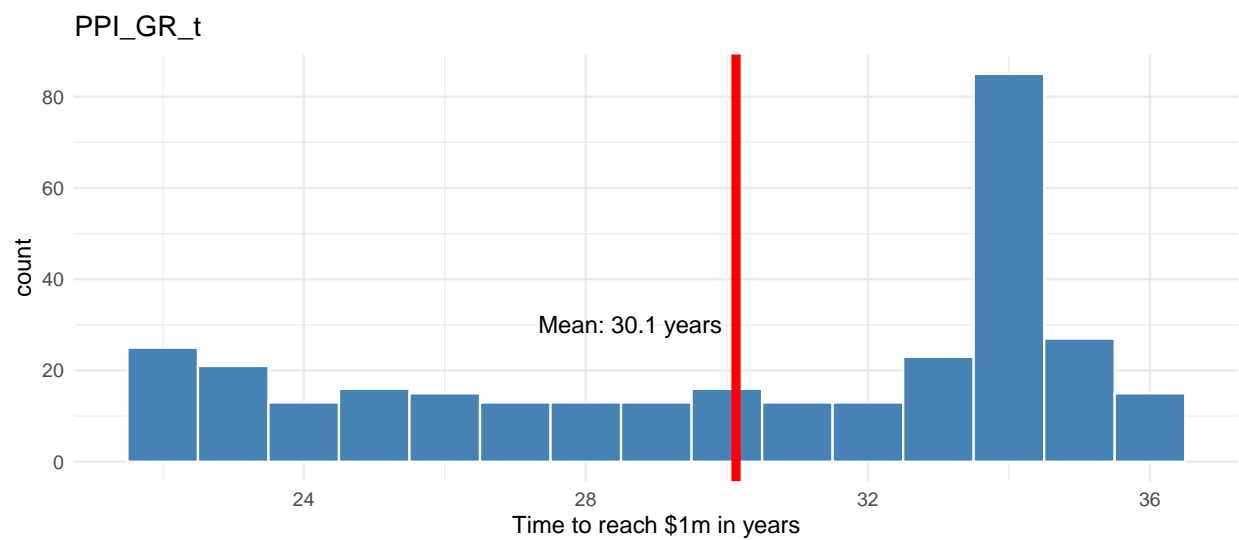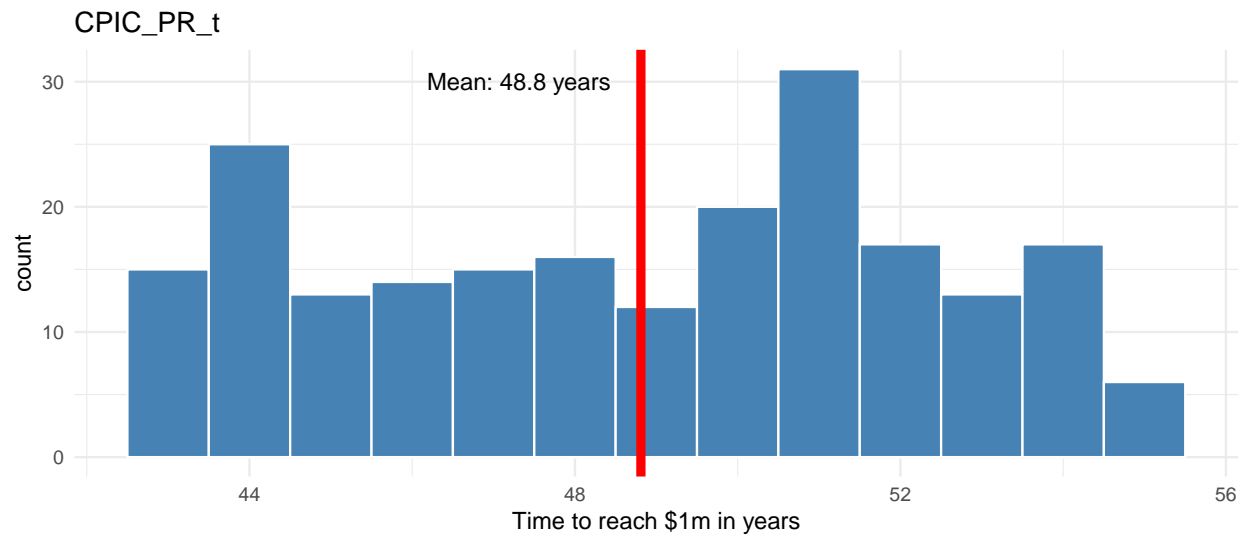
Portfolio real value to reach $1m in 2020


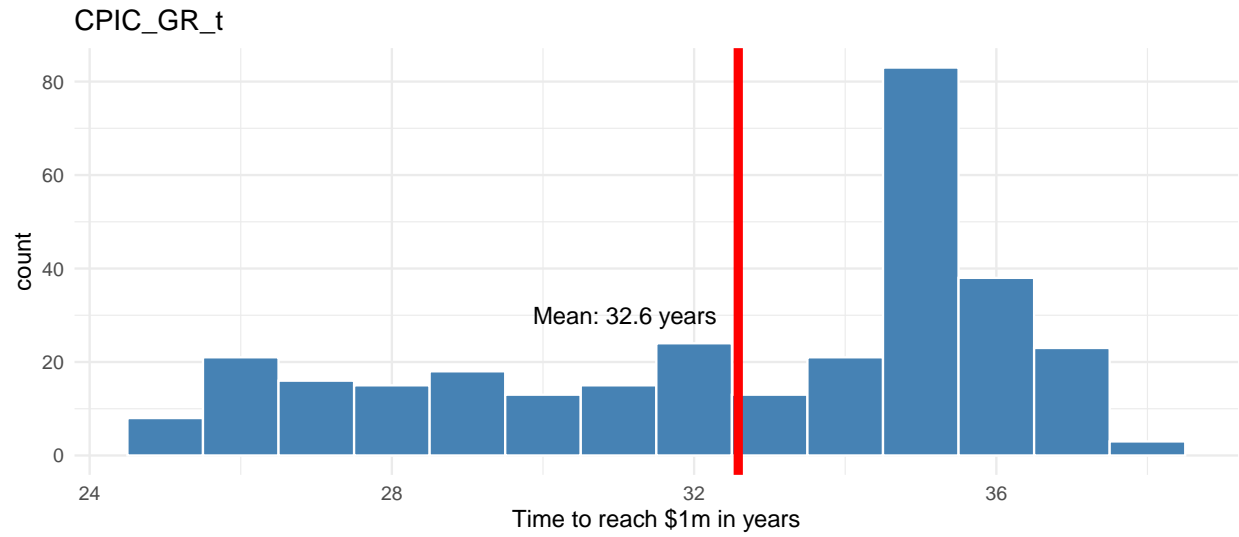
## Log-scaled portfolios
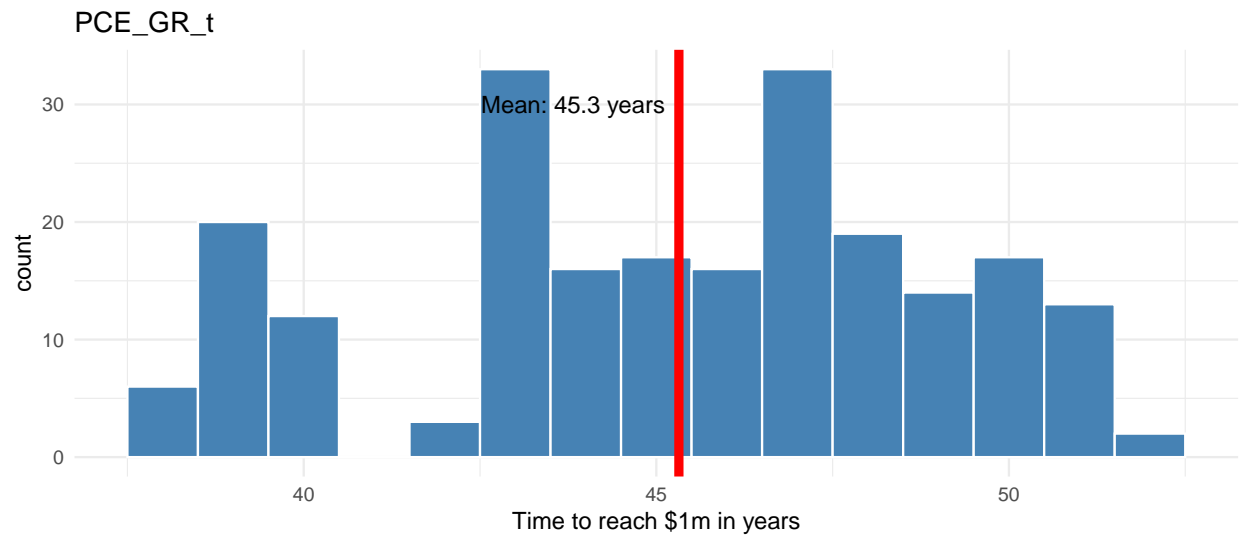
Portfolio real value to reach $1m in 2020 (log scale)

# Distribution of time taken from $0 to $1m for different portfolio x deflation method combinations

Red vertical lines in histograms represents the mean time for a portfolio to reach $1m



CPI_GR_t

Mean: 32.3 years

count

Time to reach $1m in years

CPI_PR_t

Mean: 48.7 years

count

Time to reach $1m in years

CPIC_GR_t

Mean: 32.6 years

Time to reach $1m in years

CPIC_PR_t

Mean: 48.8 years

Time to reach $1m in years

PPI_GR_t

Mean: 30.1 years

Time to reach $1m in years

**PPI_PR_t**

Mean: 39.7 years

Time to reach $1m in years

**PCE_GR_t**

Mean: 45.3 years

Time to reach $1m in years
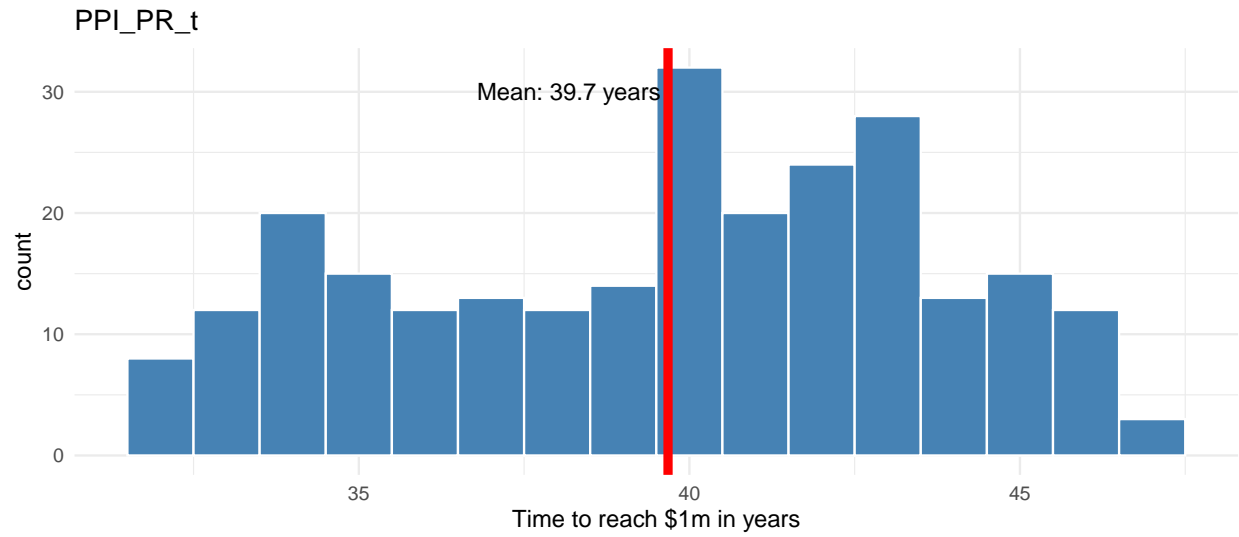
PCE_PR portfolio never reaches $1m from any starting time since 1959 Feb.

## Time to reach $1m for different portfolio&inflation adjustment combinations



## Impossible start time to reach $1m in 2020