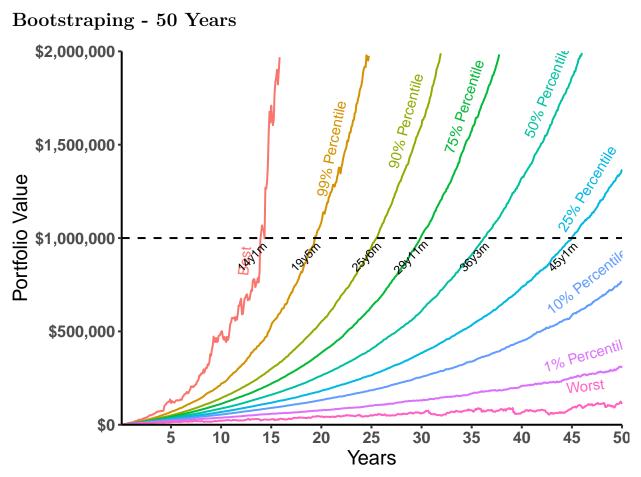
## S&P 500 Non-Inflation Gross Return Simulation

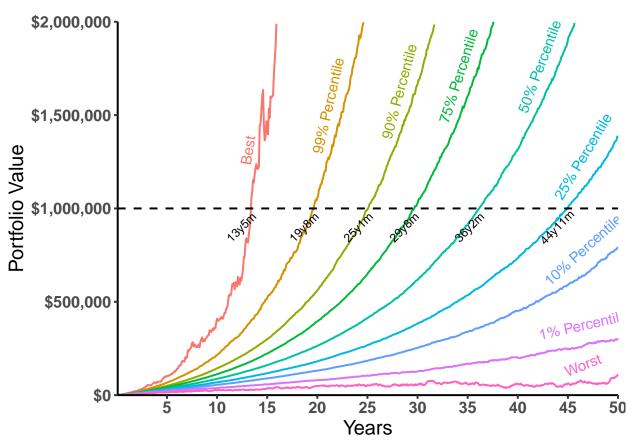


S&P 500 Return Simulation Results Simple Bootstrapping

	To Rea	ch \$1M:			Portfolio V			
	Time	Invested	25 years	30 years	35 years	40 years	45 years	50 years
Best	14y1m	\$84k	\$5,773k	\$14,920k	\$24, 816k	\$45,685k	\$81,026k	\$93,820k
99%	19y5m	\$116k	\$2,026k	\$3,791k	\$6,549k	\$10,564k	\$19,093k	\$31,933k
90%	25y6m	\$153k	\$952k	\$1,604k	\$2,632k	\$4,220k	\$6,712k	\$10,437k
75%	29y11m	\$180k	\$631k	\$1,013k	\$1,574k	\$2,362k	\$3,624k	\$5,432k
50%	36y3m	\$218k	\$405k	\$610k	\$910k	\$1,321k	\$1,862k	\$2,624k
25%	45y1m	\$270k	\$265k	\$384k	\$535k	\$737k	\$999k	\$1,368k
10%	$ m N  m \mathring{A}$	NA	\$185k	\$257k	\$338k	\$448k	\$586k	\$767k
1%	NA	NA	\$102k	\$130k	\$167k	\$208k	\$250k	\$314k
Worst	NA	NA	\$52k	\$62k	\$77k	\$66k	\$91k	\$111k

2.5	5 years	30 years	35 years	40 years	45 years	50 years
	·	v	·	·	·	v

## Log-Normal Simulation - 50 Years



S&P 500 Return Simulation Results LogNormal Parametric Simulation

	To Rea	ch \$1M:			Portfolio	Value After:		
	Time	Invested	25 years	30 years	35 years	40 years	45 years	50 years
Best	13y5m	\$80k	\$5,567k	\$14,723k	\$16, 261k	\$63,309k	\$95,064k	\$341,982k
99%	19y8m	\$118k	\$2,039k	\$3,846k	\$7,064k	\$12,504k	\$21,005k	\$36,957k
90%	25y1m	\$150k	\$996k	\$1,665k	\$2,751k	\$4,458k	\$6,869k	\$10,841k
75%	29y8m	\$178k	\$648k	\$1,029k	\$1,602k	\$2,446k	\$3,763k	\$5,523k
50%	36y2m	\$217k	\$413k	\$617k	\$916k	\$1,318k	\$1,902k	\$2,708k
25%	44y11m	\$270k	\$268k	\$383k	\$536k	\$734k	\$1,004k	\$1,389k
10%	NA	NA	\$184k	\$252k	\$338k	\$451k	\$590k	\$792k
1%	NA	NA	\$105k	\$126k	\$170k	\$201k	\$245k	\$304k
Worst	NA	NA	\$53k	\$57k	\$58k	\$60k	\$62k	\$111k

	25 years	30 years	35 years	40 years	45 years	50 years
Likelihood of Reaching \$1M	9.93%	26.3%	45.59%	62.63%	75.09%	84.19%