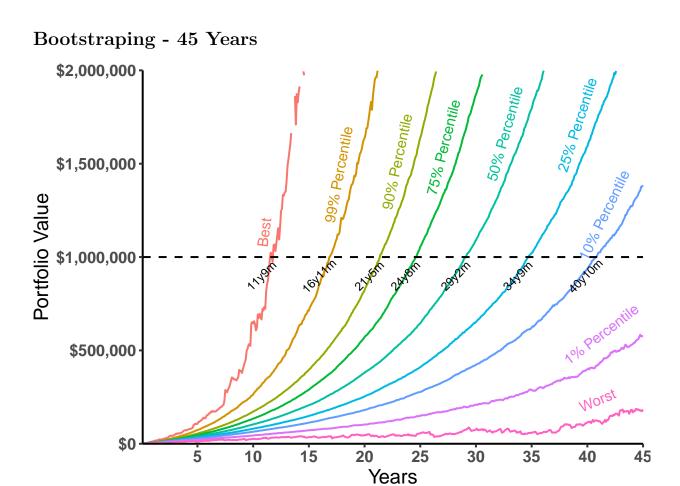
## S&P 500 Non-Inflation Gross Return Simulation

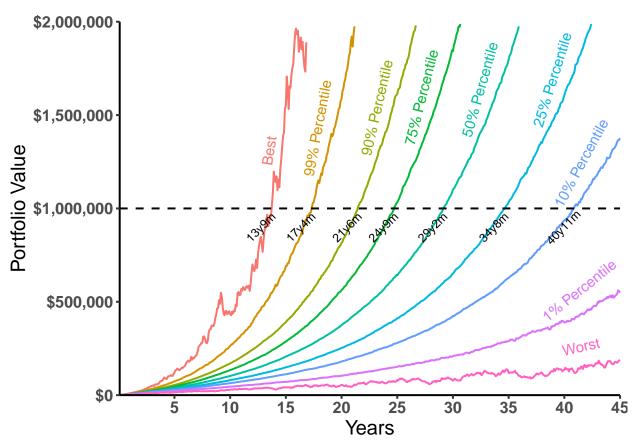


S&P 500 Return Simulation Results Simple Bootstrapping

	To Rea	ch \$1M:		Portfolio Value After:					
	Time	Invested	20 years	25 years	30 years	35 years	40 years	45 years	
Best	11y9m	\$70k	\$3,991k	\$9,735k	\$27,418k	\$63,640k	\$159,558k	\$193,834k	
99%	16y11m	\$102k	\$1,637k	\$3,613k	\$7,405k	\$15,009k	\$29,795k	\$58,696k	
90%	21y5m	\$128k	\$823k	\$1,639k	\$3,041k	\$5,551k	\$10,175k	\$18,480k	
75%	24y8m	\$148k	\$571k	\$1,055k	\$1,870k	\$3,278k	\$5,607k	\$9,752k	
50%	29y2m	\$175k	\$380k	\$646k	\$1,090k	\$1,795k	\$2,972k	\$4,785k	
25%	34y9m	\$208k	\$253k	\$410k	\$653k	\$1,022k	\$1,593k	\$2,448k	
10%	40y10m	\$245k	\$181k	\$277k	\$423k	\$622k	\$937k	\$1,384k	
1%	NÅ	NA	\$103k	\$150k	\$210k	\$287k	\$399k	\$576k	
Worst	NA	NA	\$47k	\$56k	\$77k	\$58k	\$115k	\$184k	

20 years	25 years	30 years	35 years	40 years	45 years
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## Log-Normal Simulation - 45 Years



S&P 500 Return Simulation Results LogNormal Parametric Simulation

	To Rea	ch \$1M:			Portfolio	Value After:		
	Time	Invested	20 years	25 years	30 years	35 years	40 years	45 years
Best	13y9m	\$82k	\$5,446k	\$14,588k	\$21, 148k	\$43,343k	\$94,568k	\$215,727k
99%	17y4m	\$104k	\$1,587k	\$3,444k	\$7,144k	\$14,706k	\$29,671k	\$57,564k
90%	21y6m	\$129k	\$815k	\$1,612k	\$3,041k	\$5,625k	\$10,222k	\$18,112k
75%	24y9m	\$148k	\$564k	\$1,033k	\$1,843k	\$3,271k	\$5,685k	\$9,751k
50%	29y2m	\$175k	\$375k	\$641k	\$1,102k	\$1,798k	\$2,999k	\$4,808k
25%	34y8m	\$208k	\$252k	\$412k	\$651k	\$1,035k	\$1,607k	\$2,499k
10%	40y11m	\$246k	\$180k	\$280k	\$424k	\$628k	\$936k	\$1,377k
1%	NA	NA	\$104k	\$152k	\$209k	\$289k	\$390k	\$549k
Worst	NA	NA	\$54k	\$81k	\$78k	\$119k	\$136k	\$189k

	20 years	25 years	30 years	35 years	40 years	45 years
Likelihood of Reaching \$1M	5.29%	26.44%	54.58%	76.31%	88.57%	94.81%