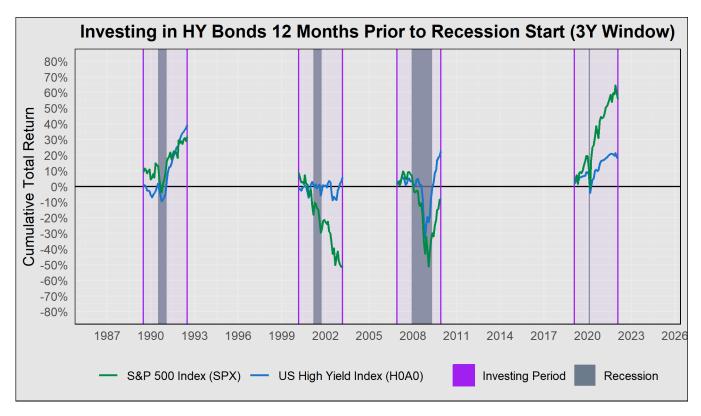
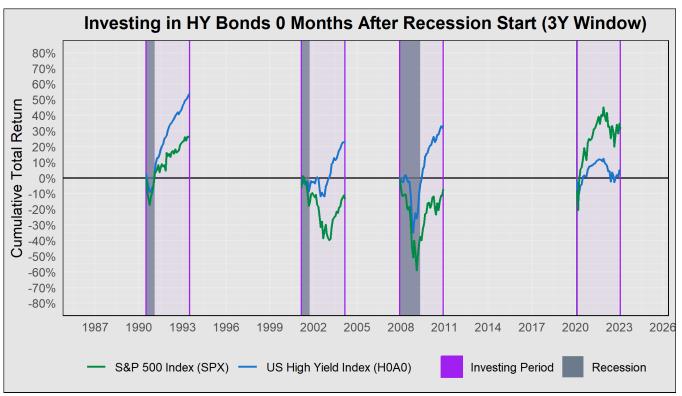
Timing of High Yield Bond Investments

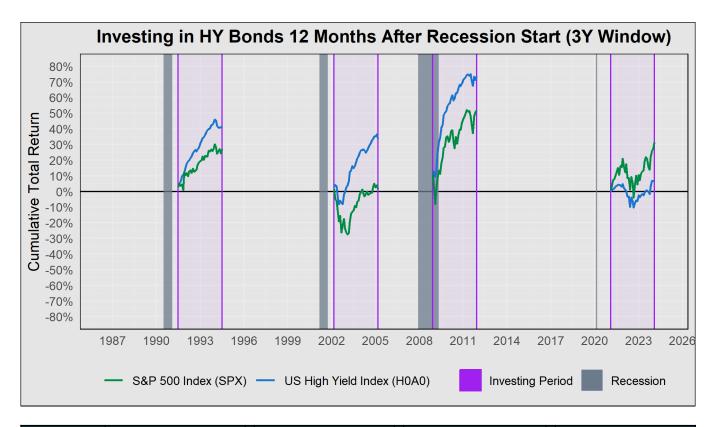
Allocating to high yield bonds near recessions often outperforms equities by double digits, excluding the short-dated Covid-19 recession





Timing of High Yield Bond Investments

Allocating to high yield bonds near recessions often outperforms equities by double digits, excluding the short-dated Covid-19 recession



	1990 Recession				2001 Recession				2008 Recession				2020 Recession			
Investment Timing	НҮ	S&P 500	HY+ %													
12 Months Prior To Recession Start	39.2%	31.9%	+7.3%		5.9%	-50.5%	+56.4%		22.5%	-7.8%	+30.3%		17.8%	55.8%	-37.9%	
o Months After Recession Start	54.2%	26.0%	+28.2%		23.4%	-13.4%	+36.7%		33.8%	-7.0%	+40.8%		3.8%	31.2%	-27.4%	
12 Months After Recession Start	41.7%	27.2%	+14.5%		33.8%	1.6%	+32.2%		73.7%	52.0%	+21.7%		6.9%	31.4%	-24.4%	