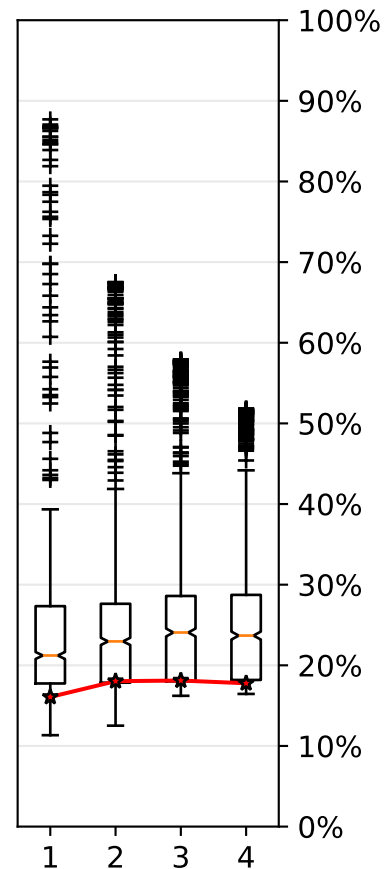
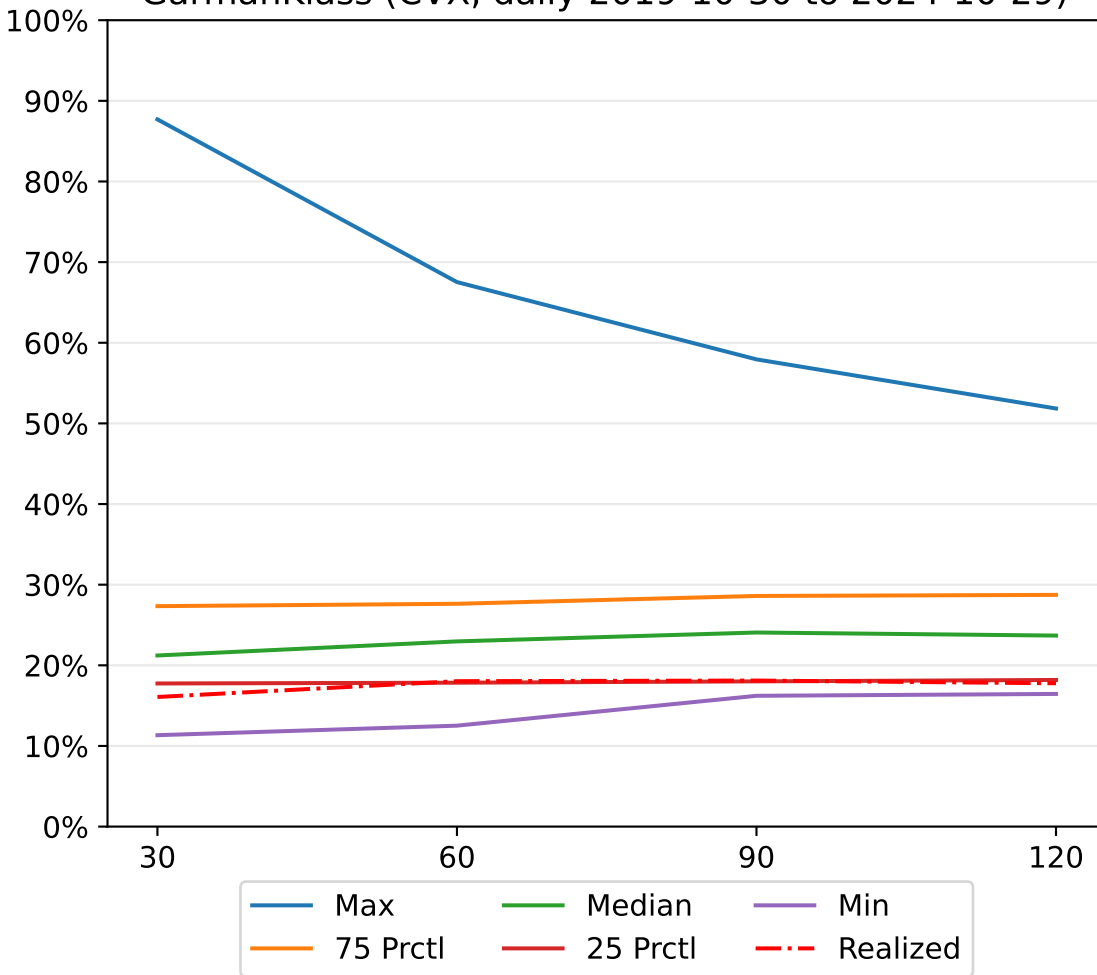
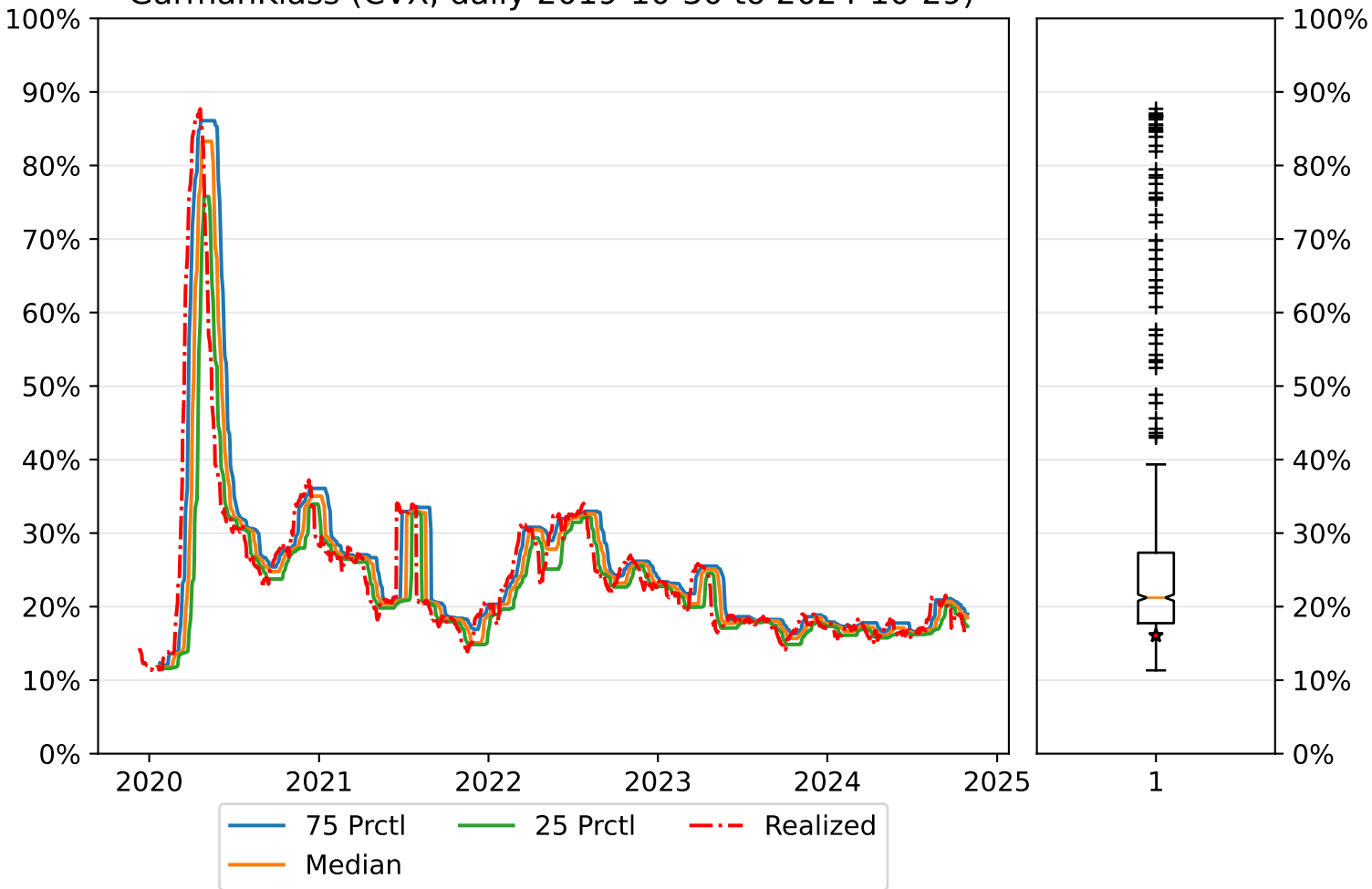


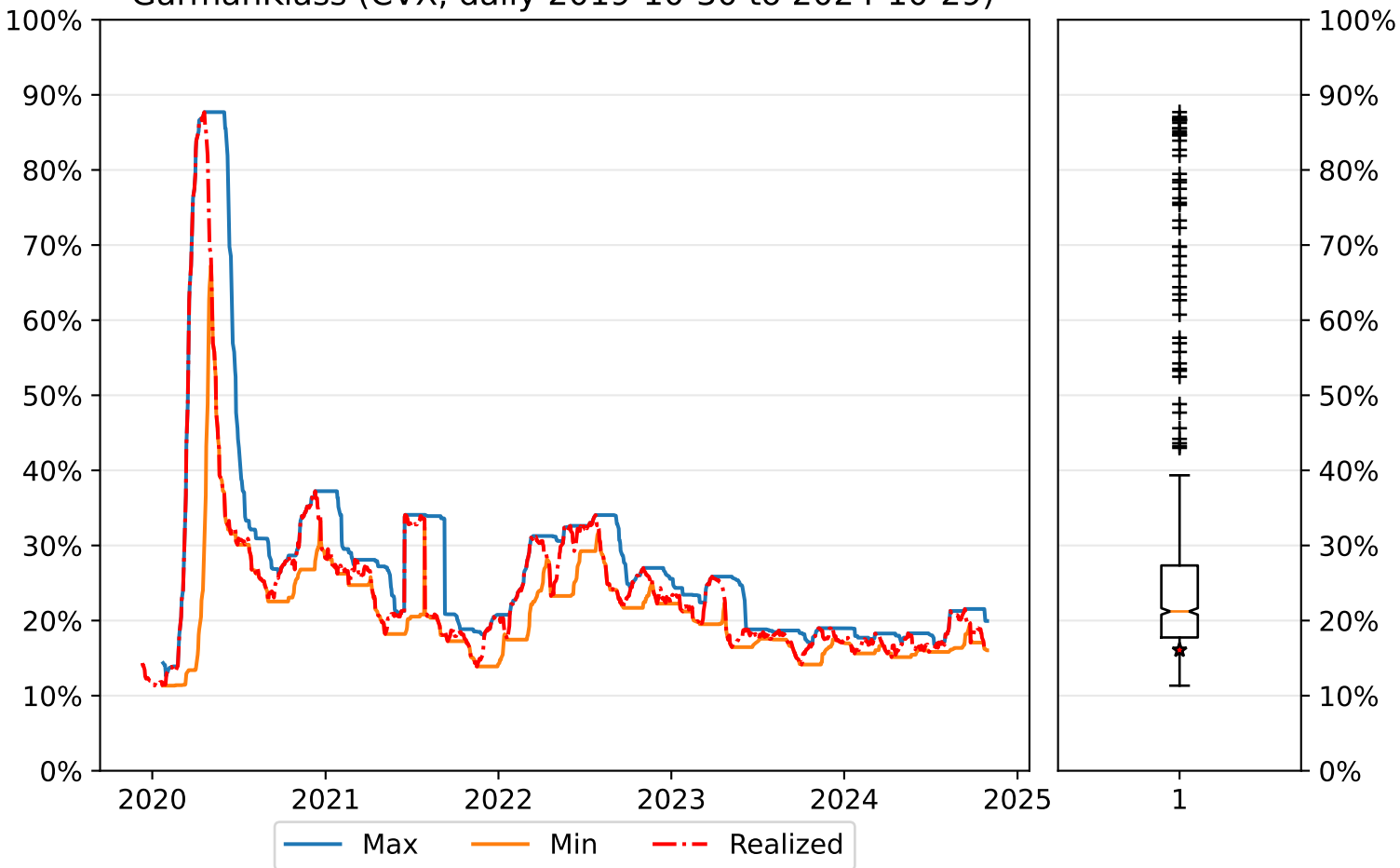
GarmanKlass (CVX, daily 2019-10-30 to 2024-10-29)



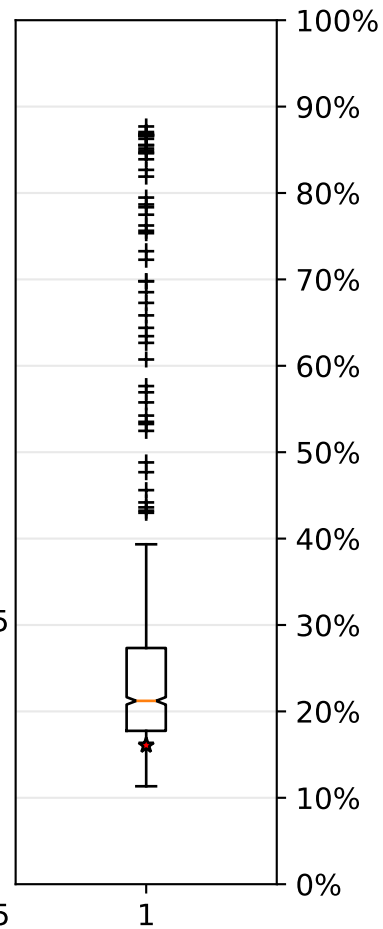
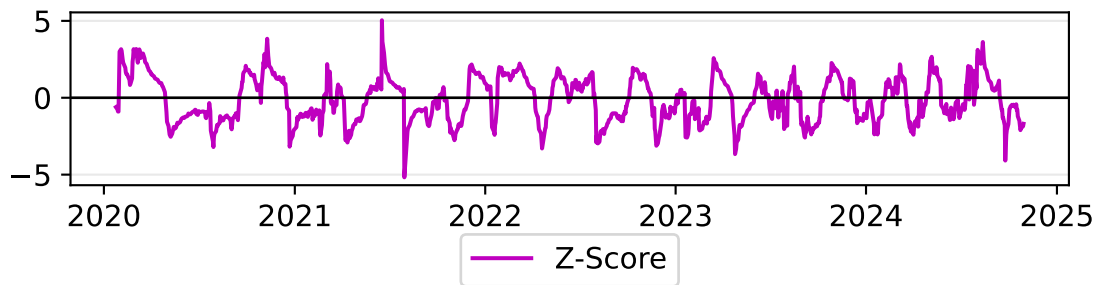
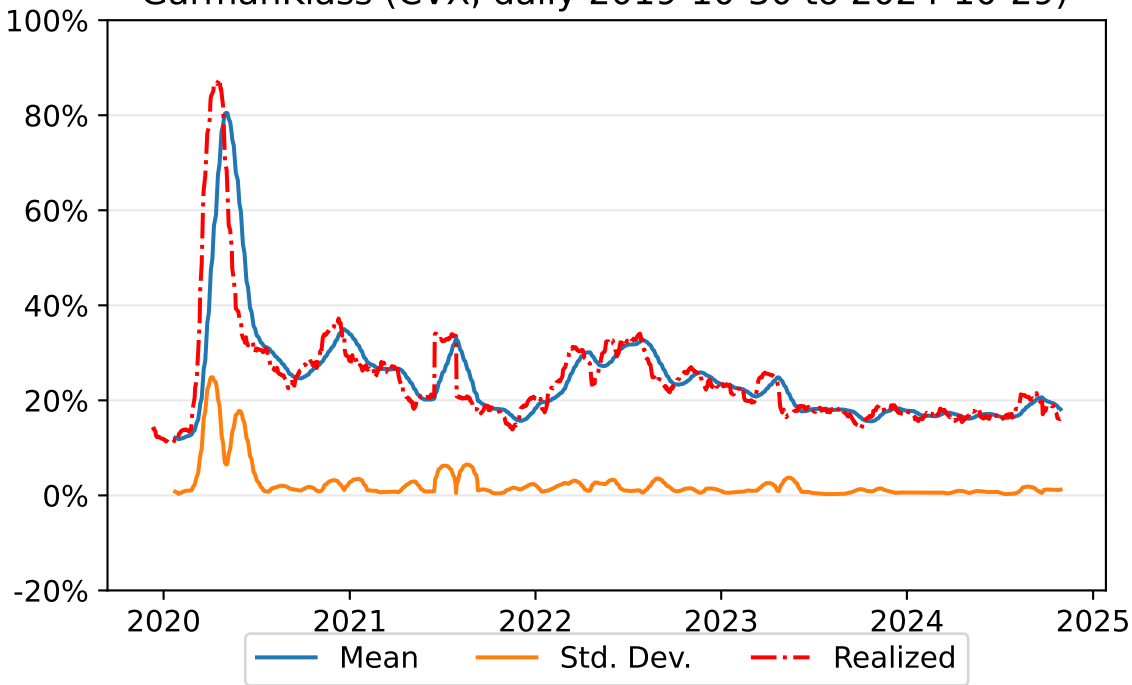
GarmanKlass (CVX, daily 2019-10-30 to 2024-10-29)



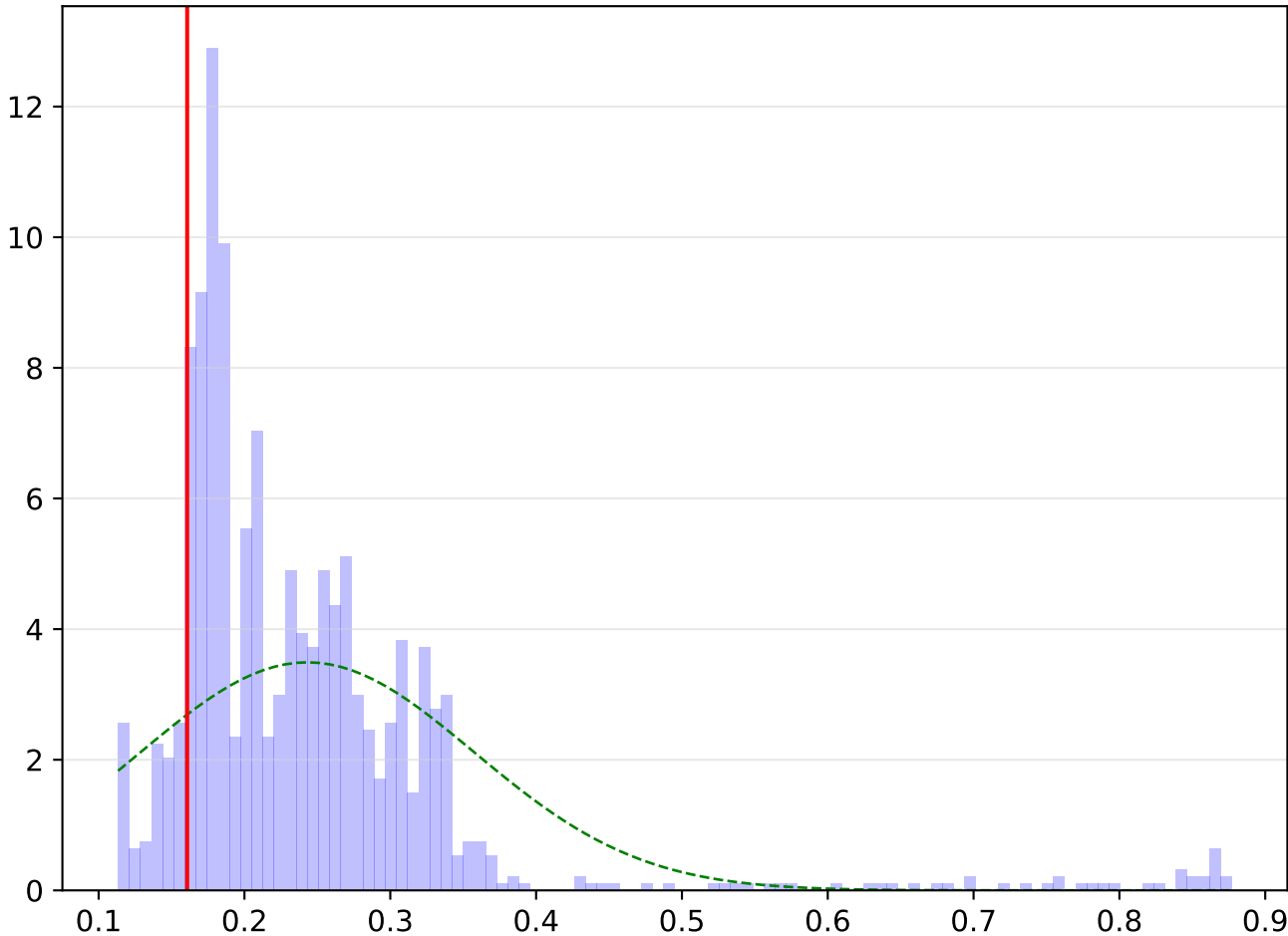
GarmanKlass (CVX, daily 2019-10-30 to 2024-10-29)



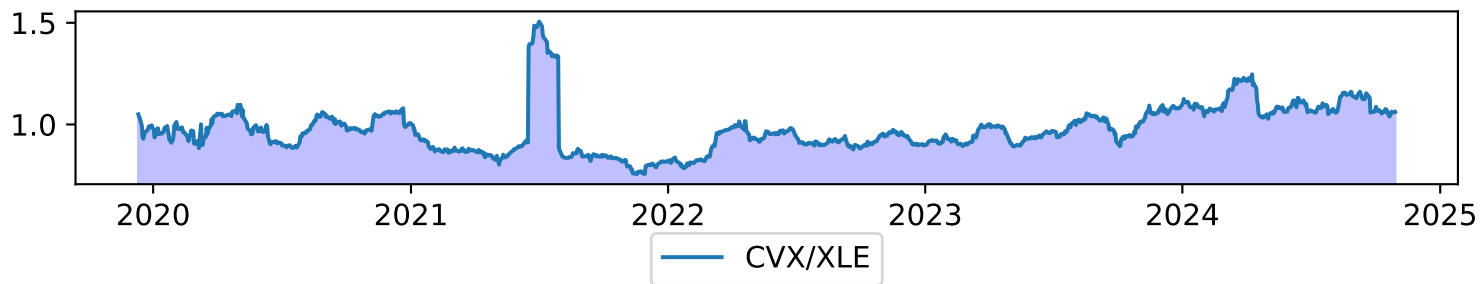
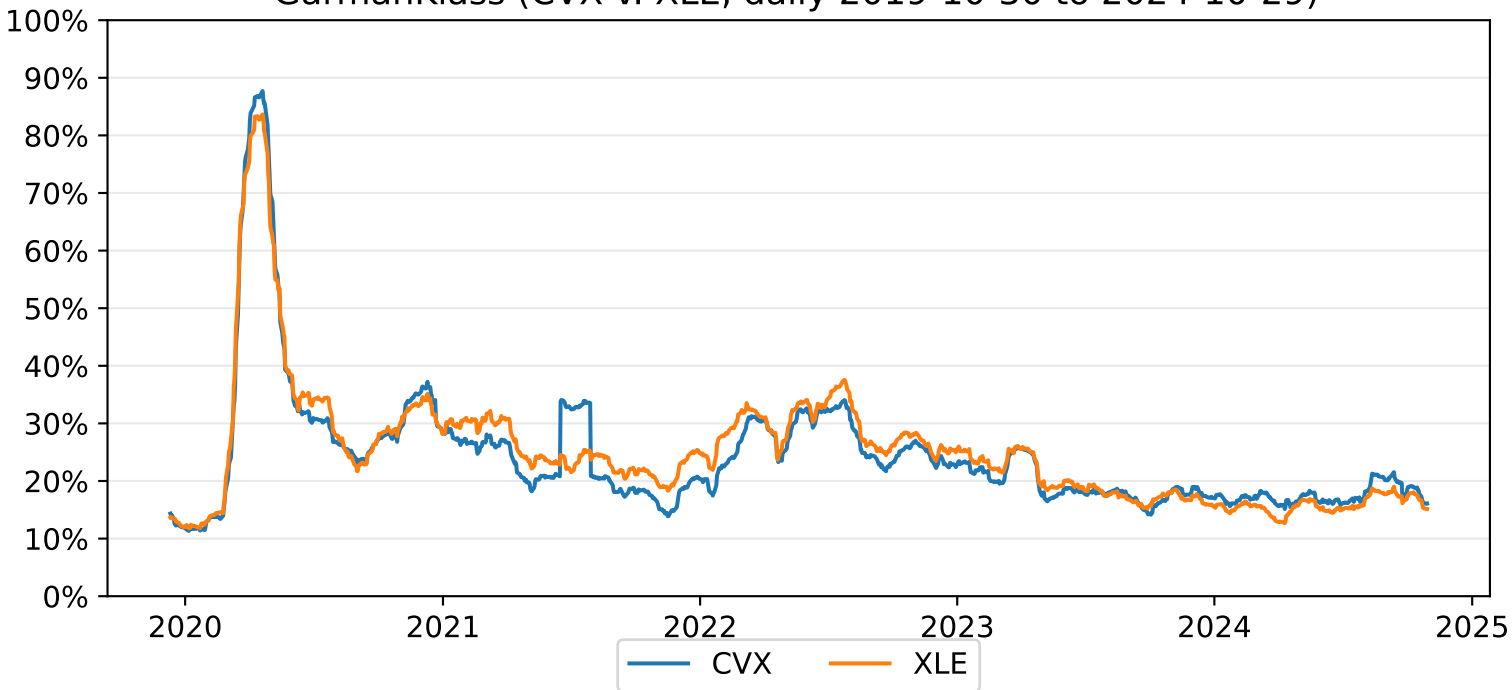
GarmanKlass (CVX, daily 2019-10-30 to 2024-10-29)



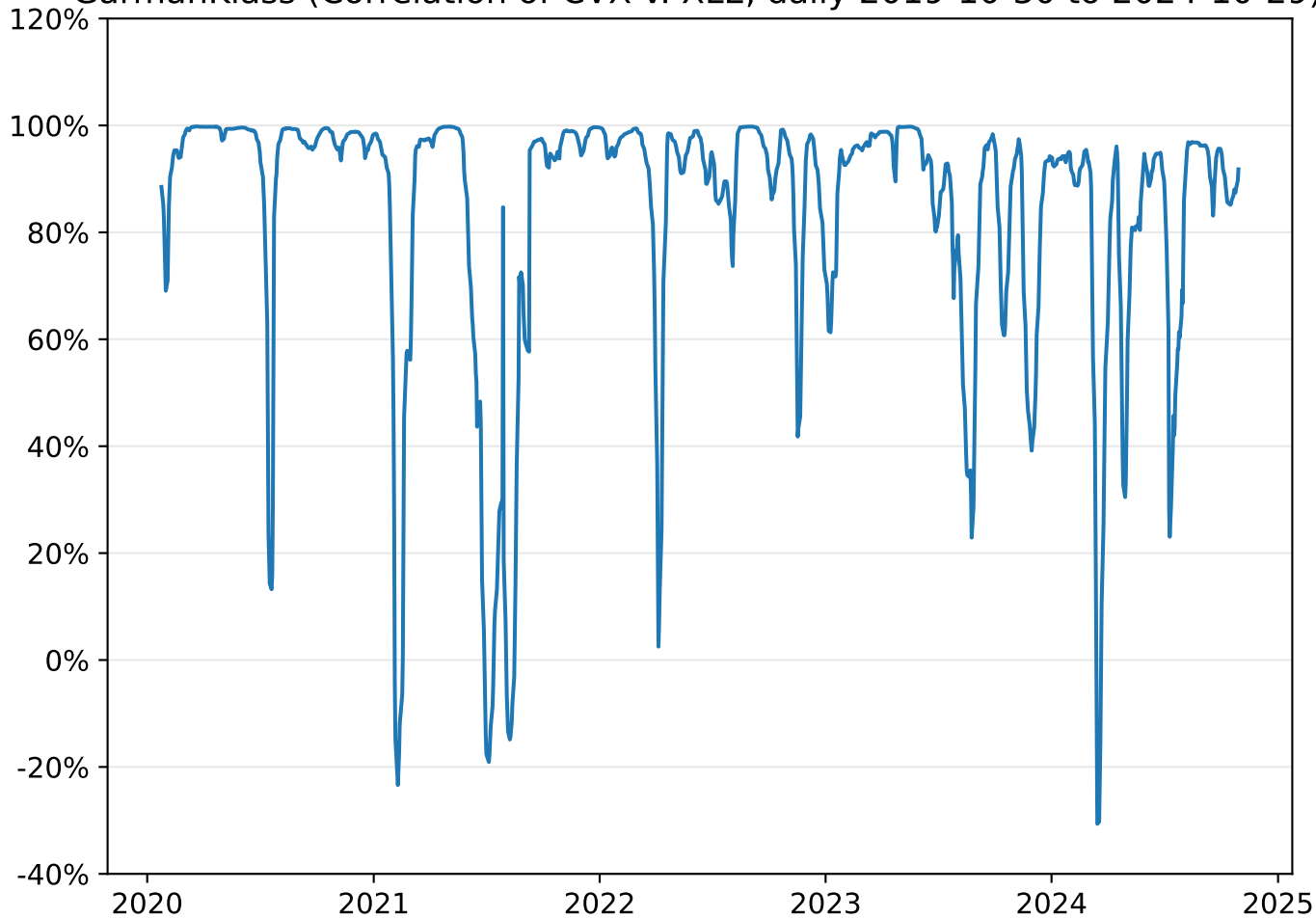
Distribution of GarmanKlass estimator values (CVX, daily 2019-10-30 to 2024-10-29)



GarmanKlass (CVX v. XLE, daily 2019-10-30 to 2024-10-29)



GarmanKlass (Correlation of CVX v. XLE, daily 2019-10-30 to 2024-10-29)



OLS Regression Results

Dep. Variable:	y	R-squared (uncentered):	0.989
Model:	OLS	Adj. R-squared (uncentered):	0.989
Method:	Least Squares	F-statistic:	1.150e+05
Date:	Tue, 29 Oct 2024	Prob (F-statistic):	0.00
Time:	23:55:29	Log-Likelihood:	2667.4
No. Observations:	1229	AIC:	-5333.
Df Residuals:	1228	BIC:	-5328.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P> t	[0.025	0.975]
x1	0.9739	0.003	339.054	0.000	0.968	0.980

Omnibus:	316.108	Durbin-Watson:	0.044
Prob(Omnibus):	0.000	Jarque-Bera (JB):	871.507
Skew:	1.317	Prob(JB):	5.68e-190
Kurtosis:	6.174	Cond. No.	1.00

Notes:

- [1] R^2 is computed without centering (uncentered) since the model does not contain a constant.
- [2] Standard Errors assume that the covariance matrix of the errors is correctly specified.