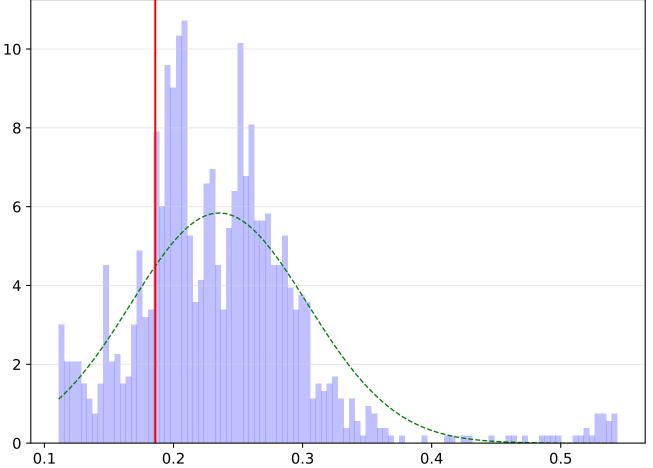
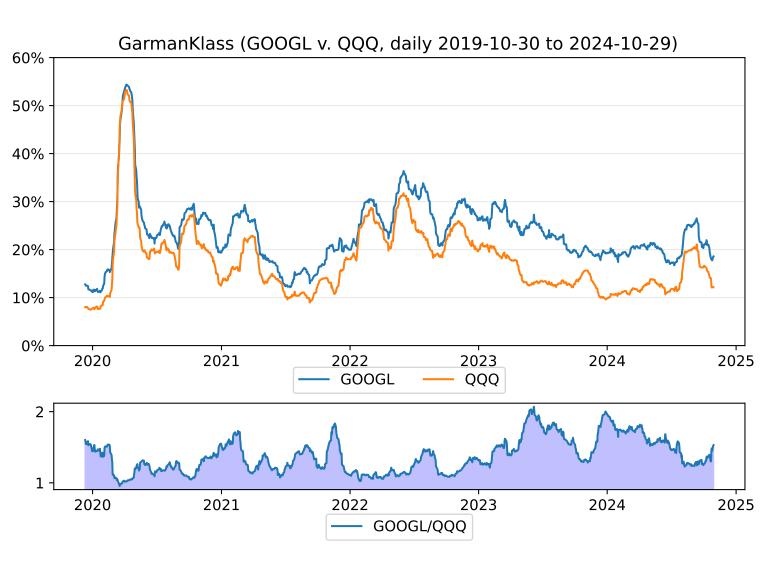


Distribution of GarmanKlass estimator values (GOOGL, daily 2019-10-30 to 2024-10-29)





GarmanKlass (Correlation of GOOGL v. QQQ, daily 2019-10-30 to 2024-10-29) $^{\rm 120\%}$ 100% 80% 60% 40% 20% 0% -20% -40% -60% -80%

2022

2020

2021

2023

2024

2025

OLS Regression Results

Dep. Variable: Model: Method: Date: Time: No. Observation Df Residuals: Df Model: Covariance Type	T ons:			R-squared (uncentered): Adj. R-squared (uncentered): F-statistic: Prob (F-statistic): Log-Likelihood: AIC: BIC:			0.972 0.972 4.220e+04 0.00 2175.6 -4349. -4344.	
=======================================	coef	std err		t P	====== > t	[0.025	0.975]	
x1	1.2452	0.006	205	.437 0	.000	1.233	1.257	
Omnibus: Prob(Omnibus): Skew: Kurtosis:	:	0. -0.	452 000 572 913	======= Durbin-Wat Jarque-Ber Prob(JB): Cond. No.			0.012 109.637 1.56e-24 1.00	

Notes:

[1] R² 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.