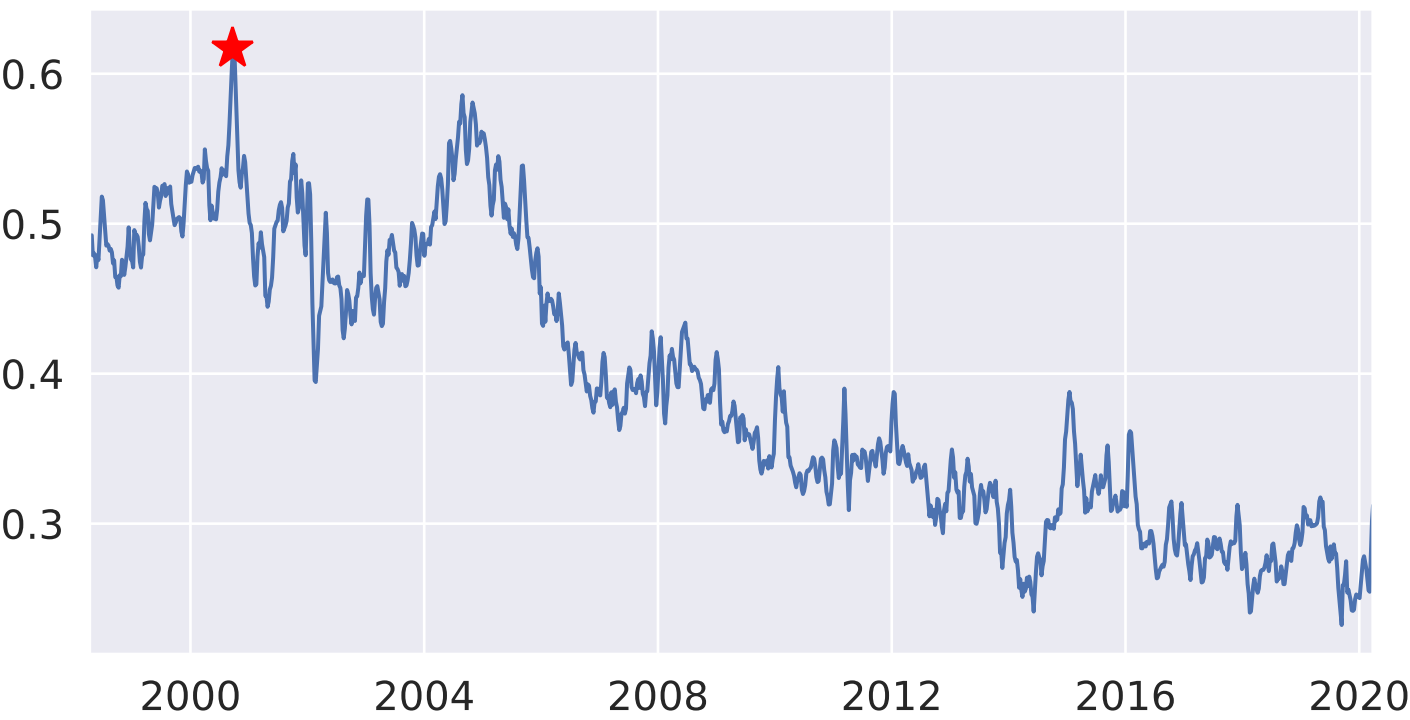
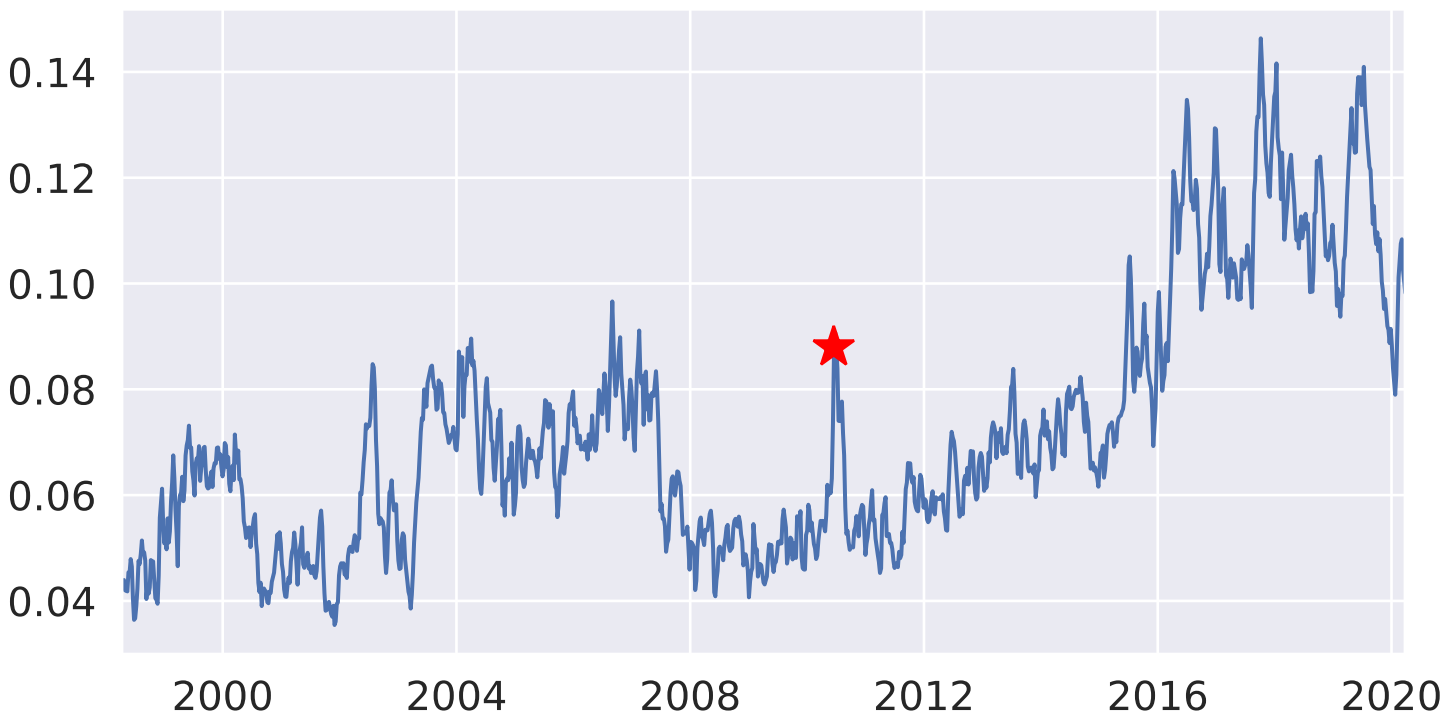


Panel A: Topical Frequency

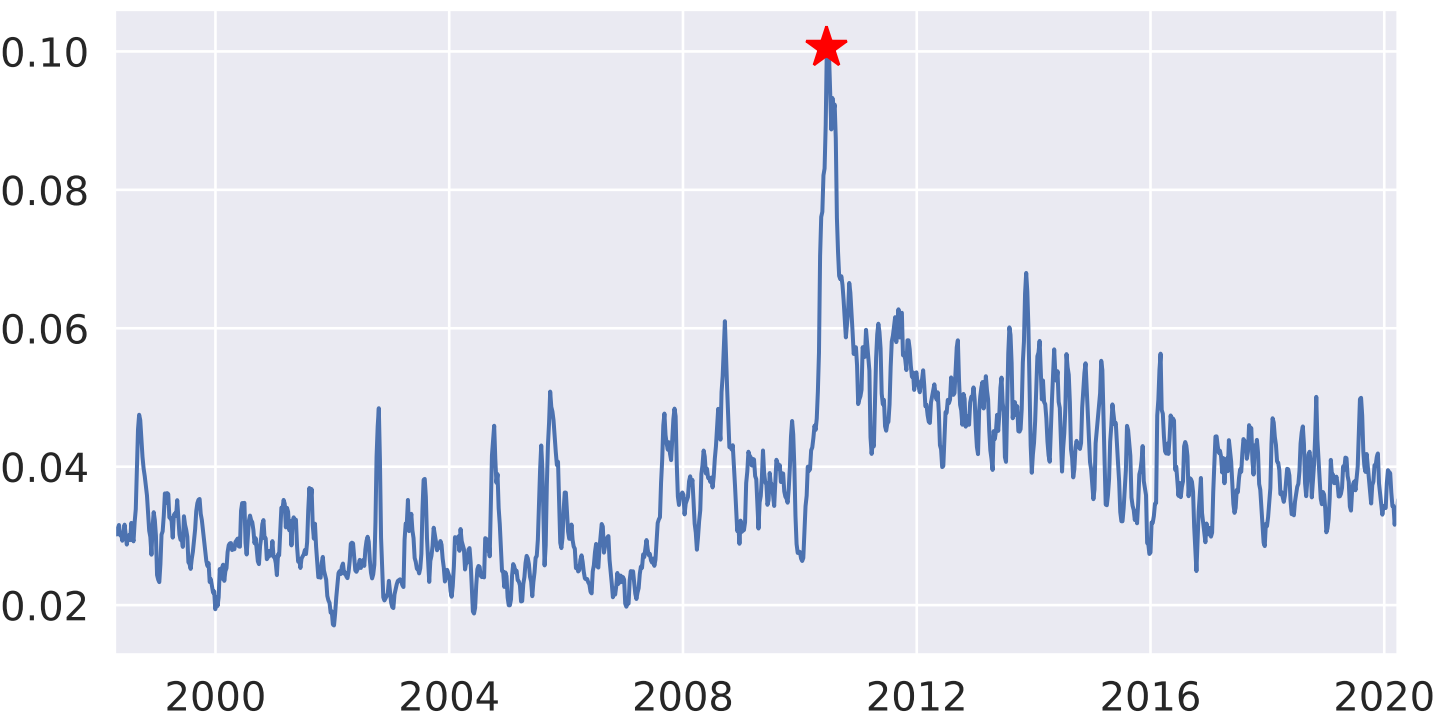
Company (Co)



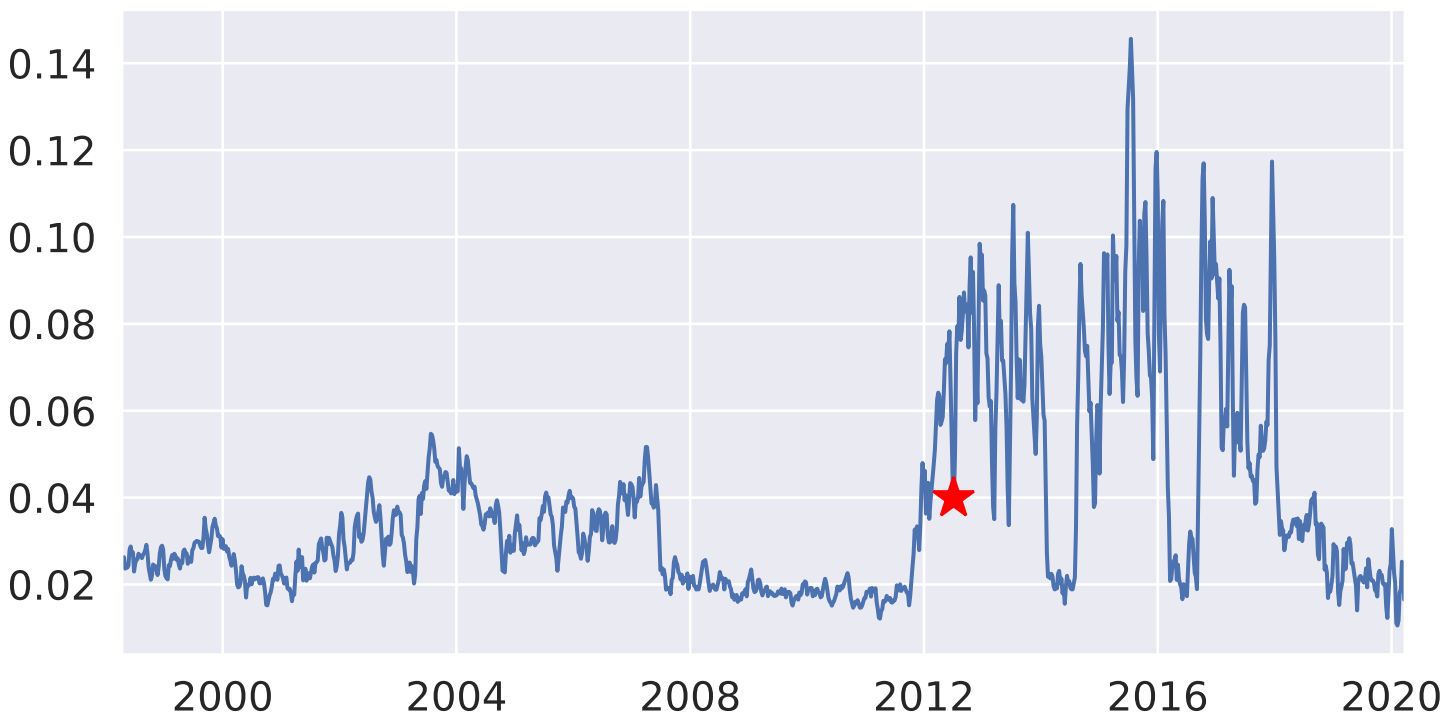
Global Oil Market (Gom)



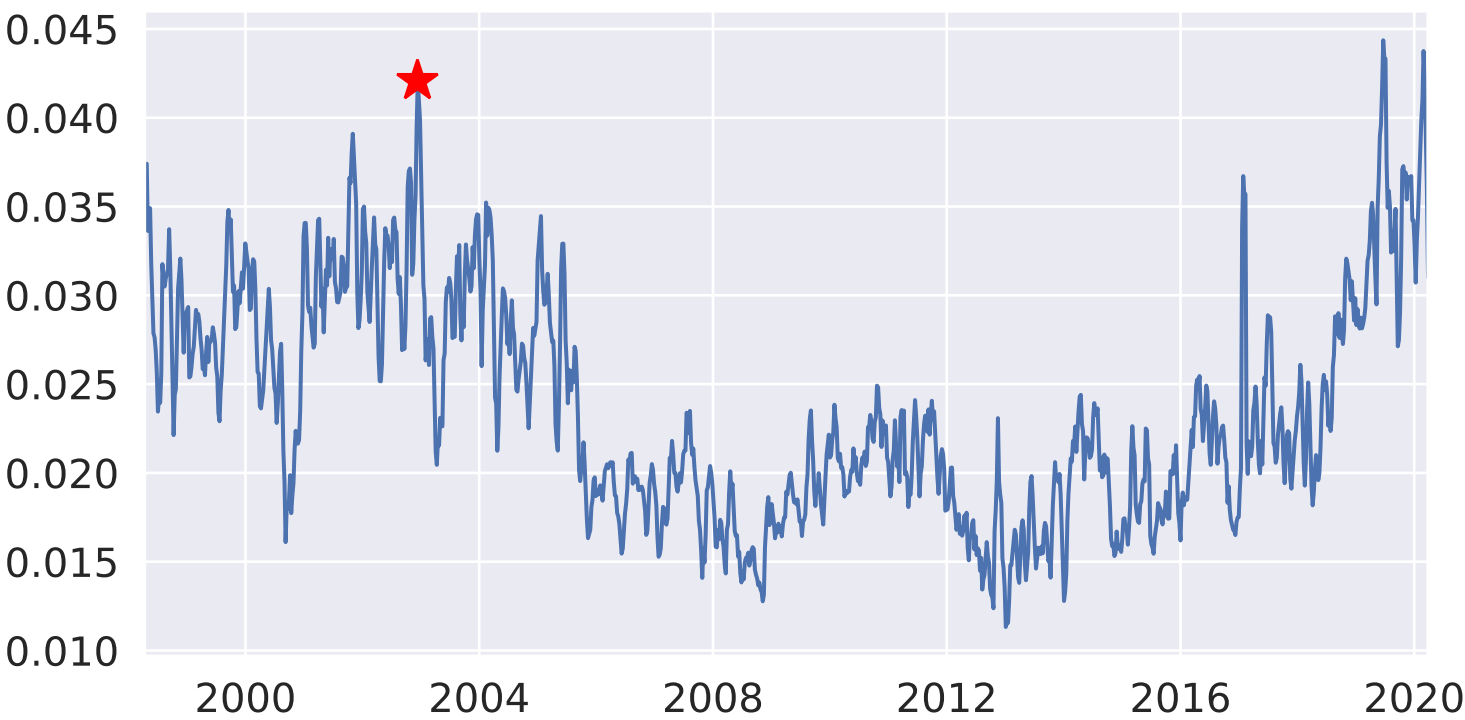
Distribution (Dist)



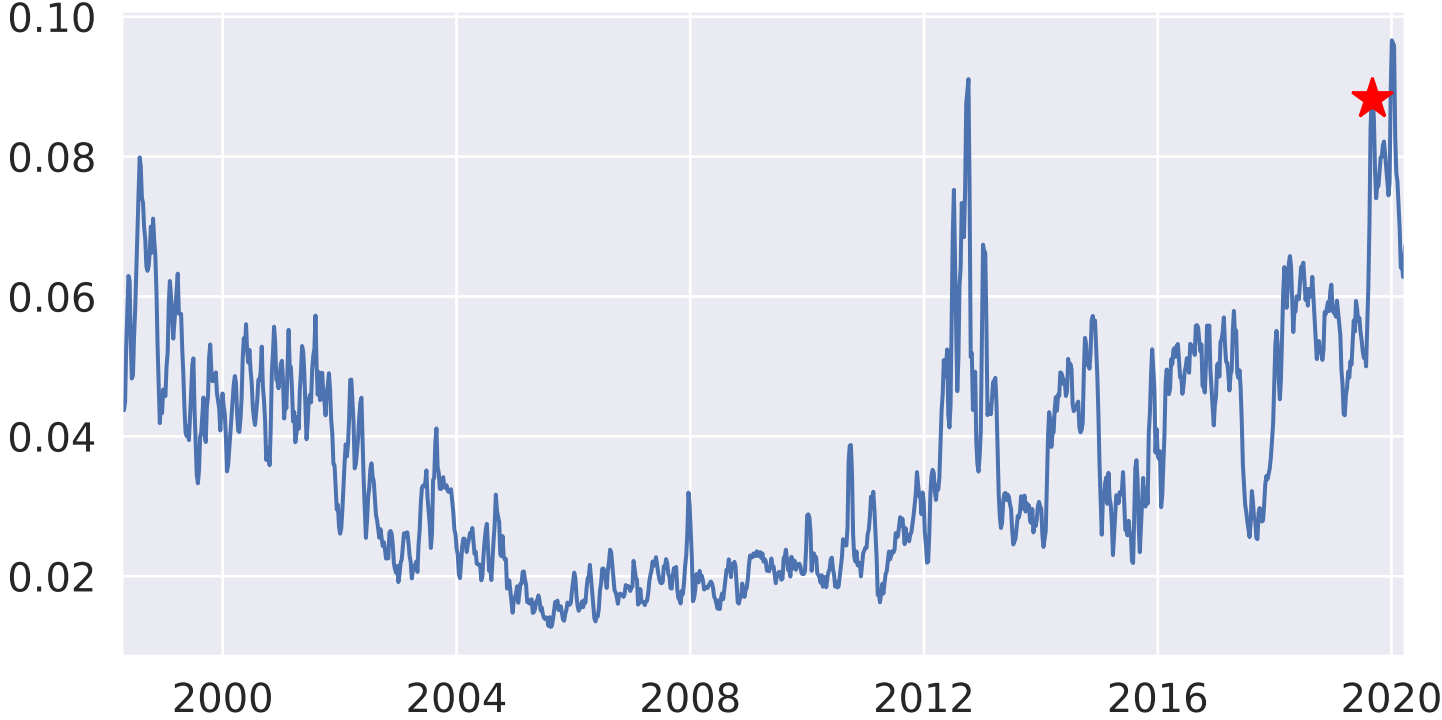
Generation & Environment (Ge)



Crude Oil Physical (Bbl)



Refining & Petrochemicals (Rpc)



Exploration & Production (Ep)

