

Online Appendix

Online Appendix to Chapter 1

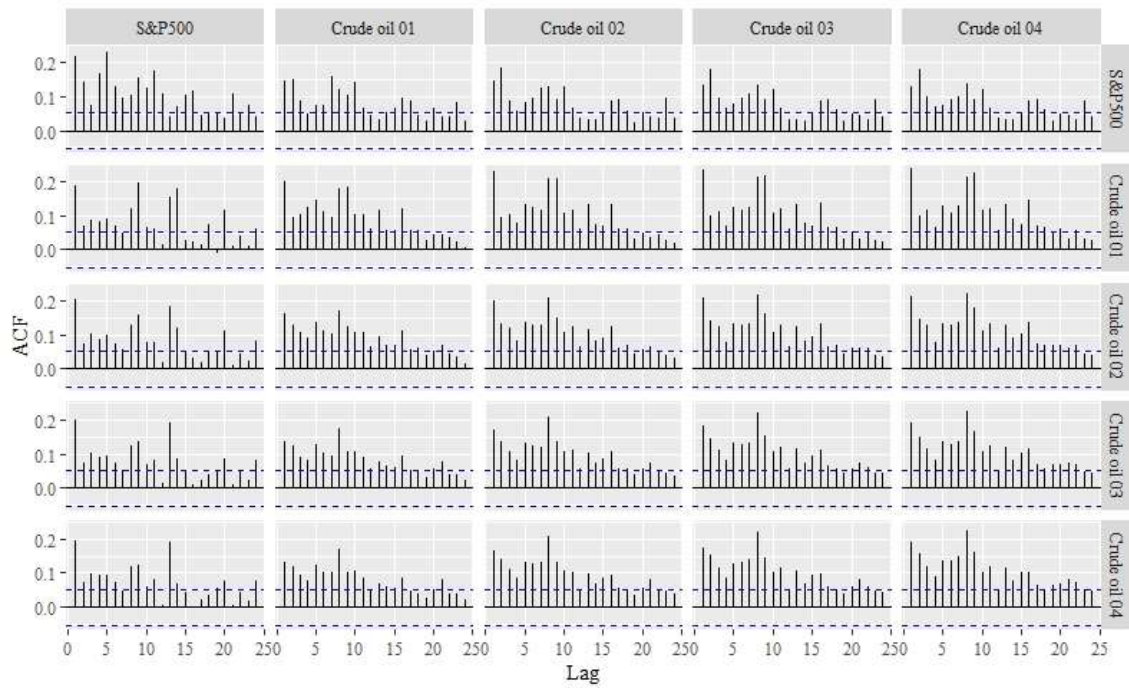


Fig: ACF of S&P500 and crude oil futures squared return series

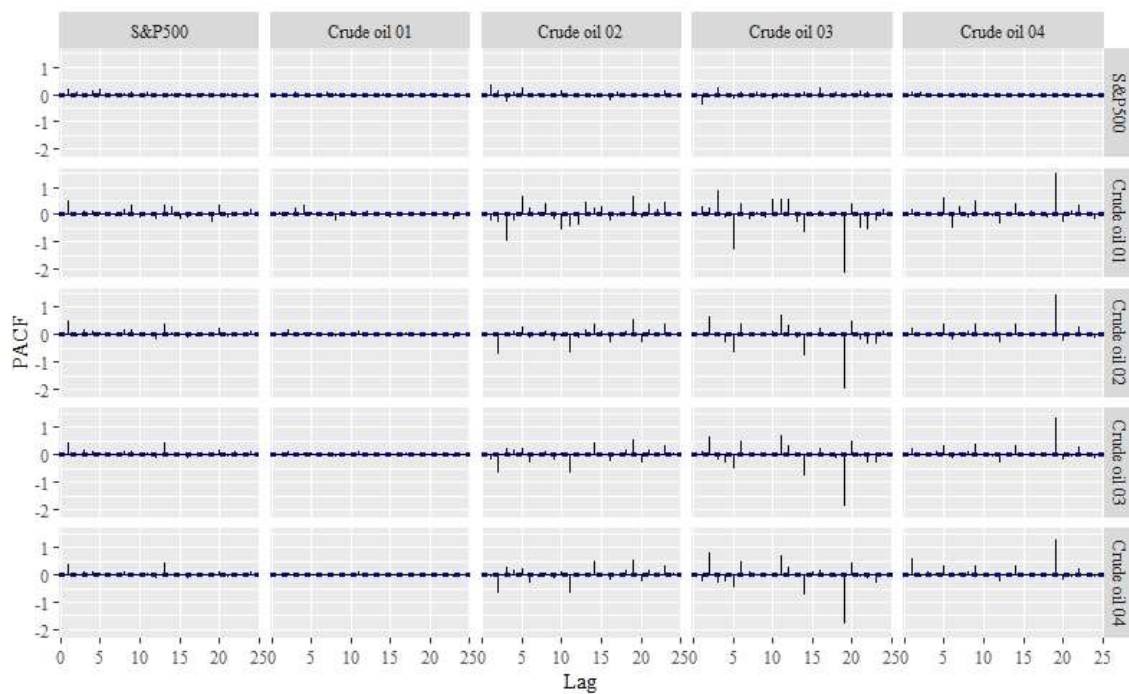


Fig: PACF of S&P500 and crude oil futures squared return series

Various linkage among variables:

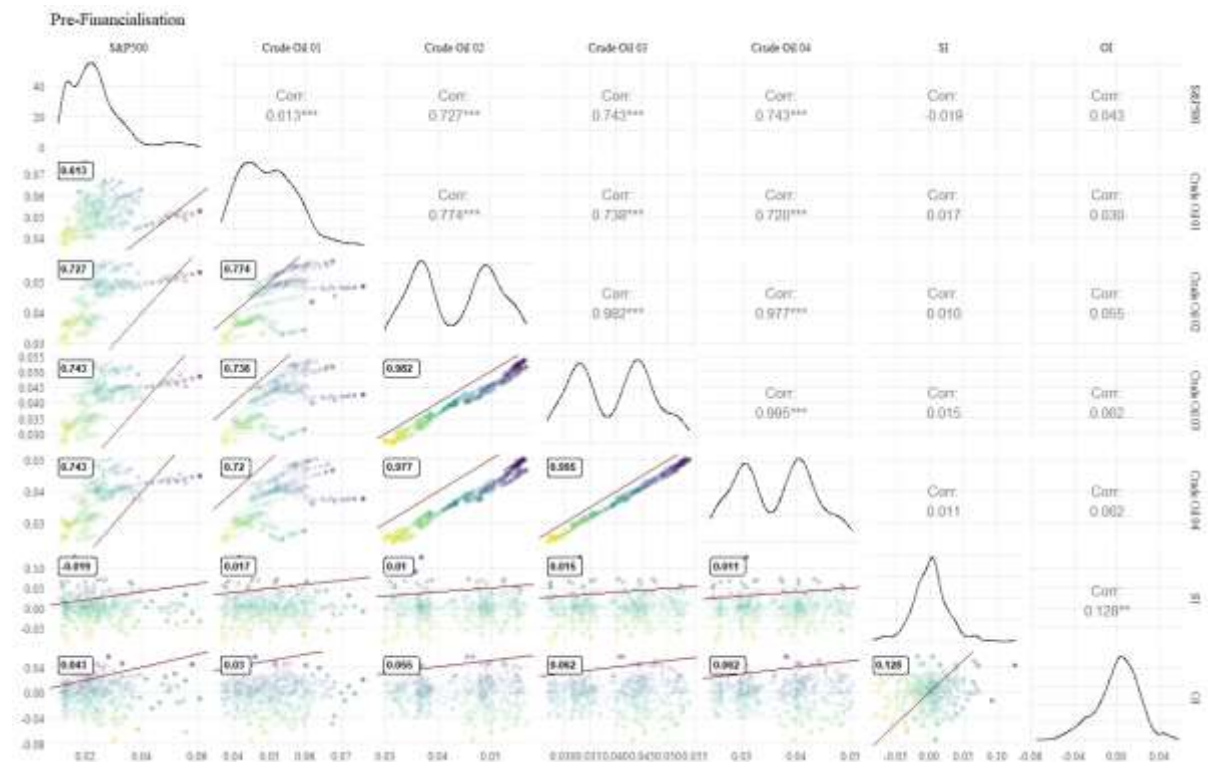


Fig: Correlation between conditional volatility, speculation index and open interest (Pre-Financialisation)

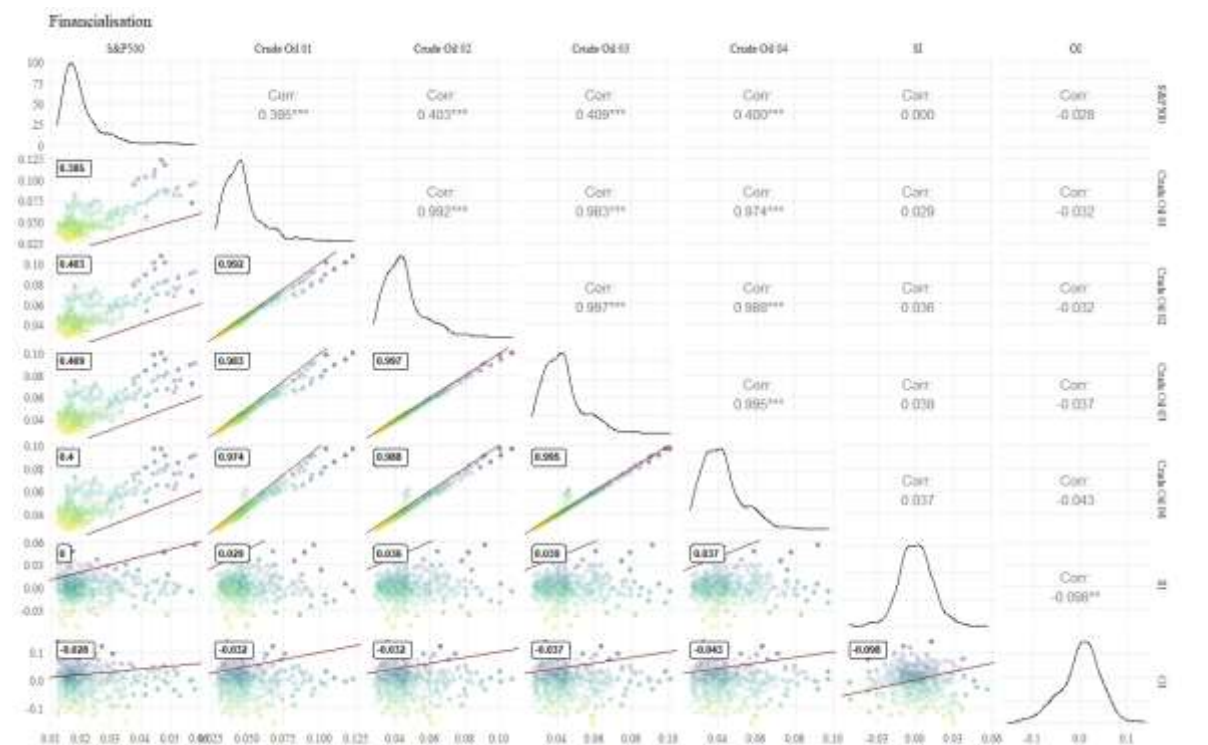


Fig: Correlation between conditional volatility, speculation index and open interest (Financialisation)

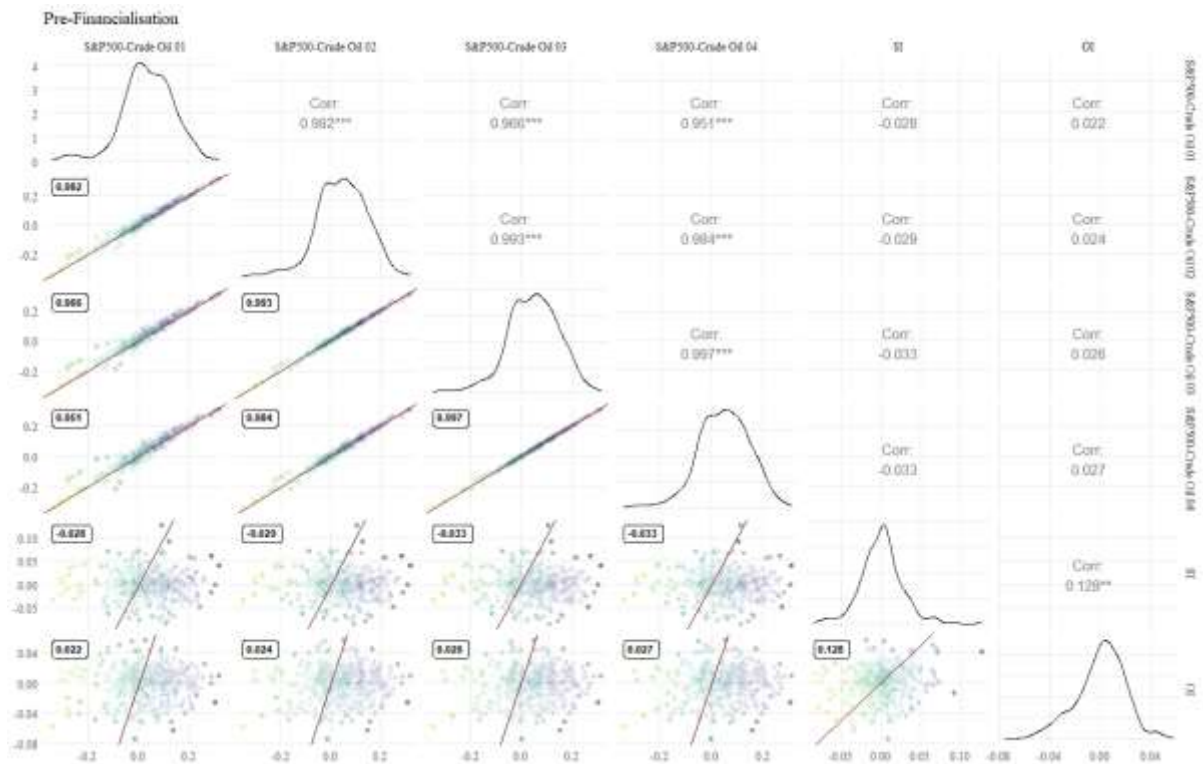


Fig: Correlation between conditional correlation, speculation index and open interest (Pre-Financialisation)

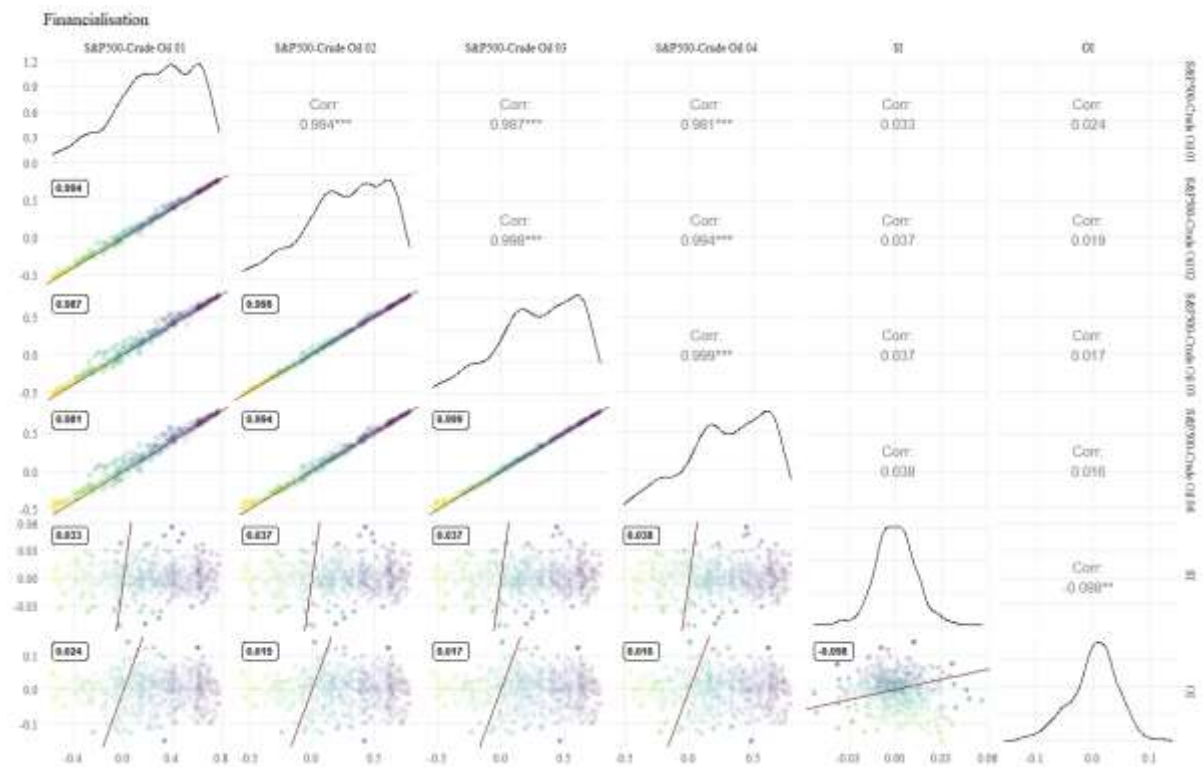


Fig: Correlation between conditional correlation, speculation index and open interest (Financialisation)

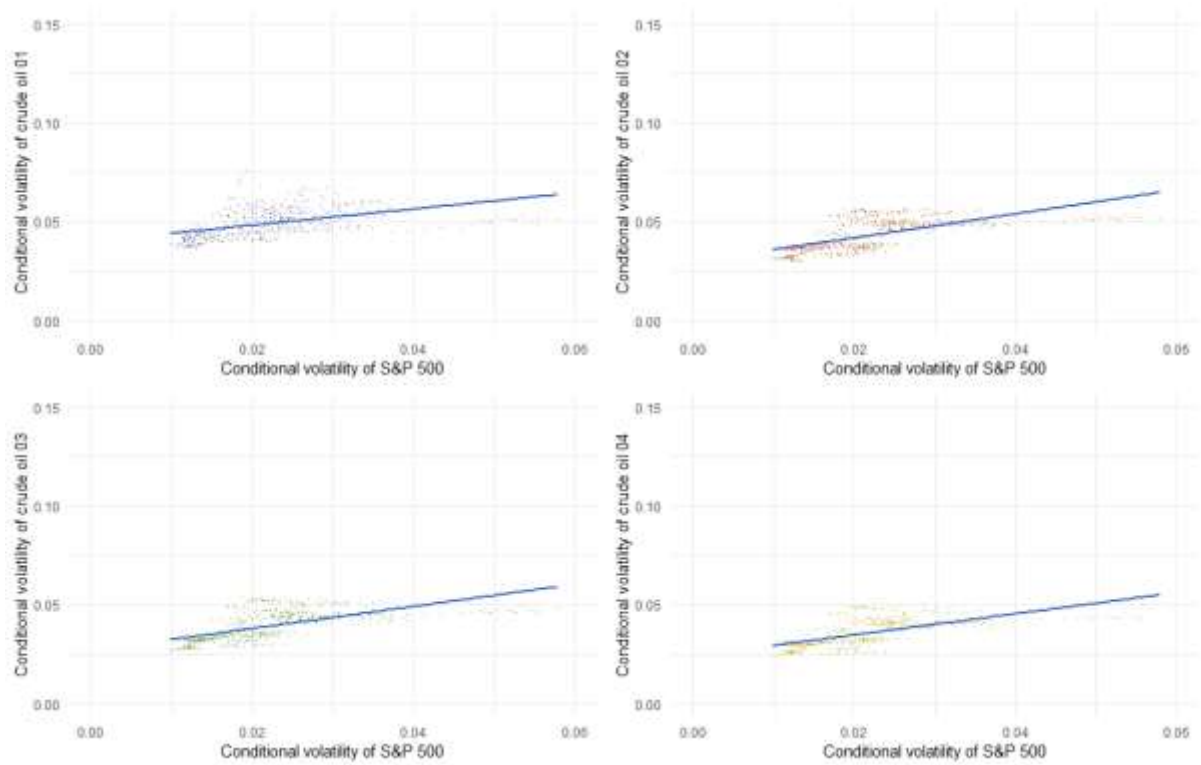


Fig: Conditional volatility of S&P500 vs conditional volatility of crude oil futures (Pre-Financialisation)

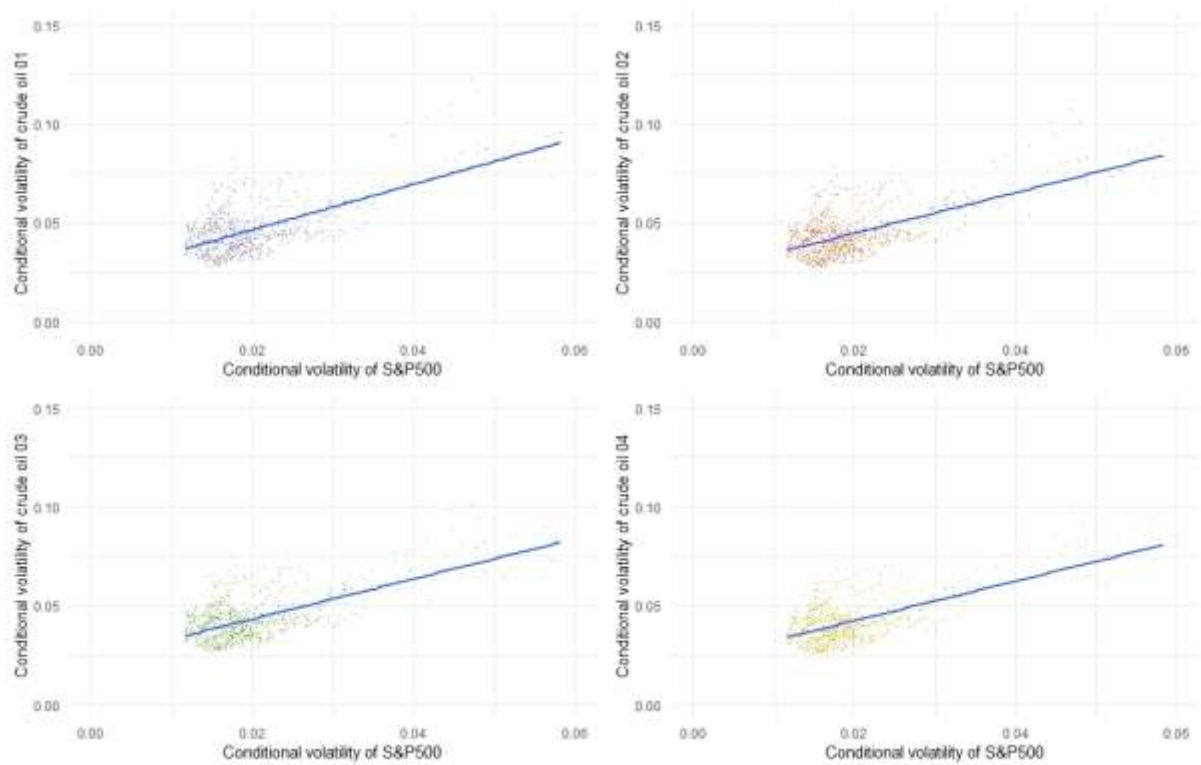


Figure: Conditional volatility of S&P500 Index vs conditional volatility of crude oil futures (Financialisation)

Online Appendix to Chapter 4

Energy Index

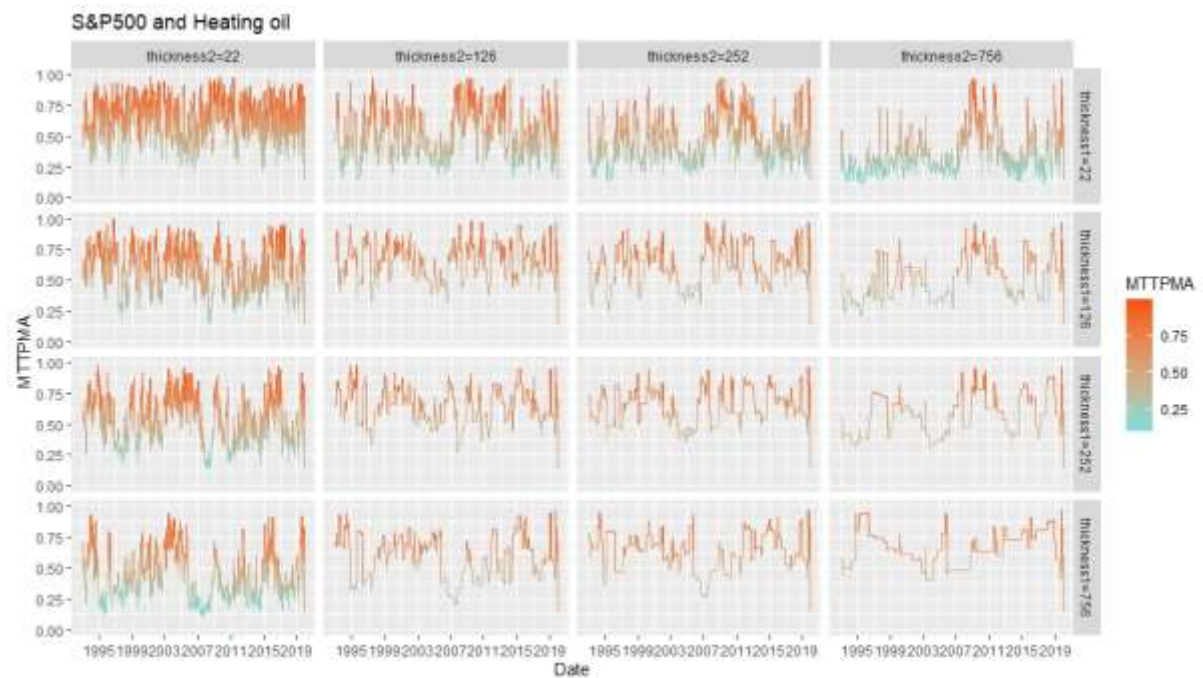


Figure: TPMA and MTPMA of S&P500 Index and heating oil

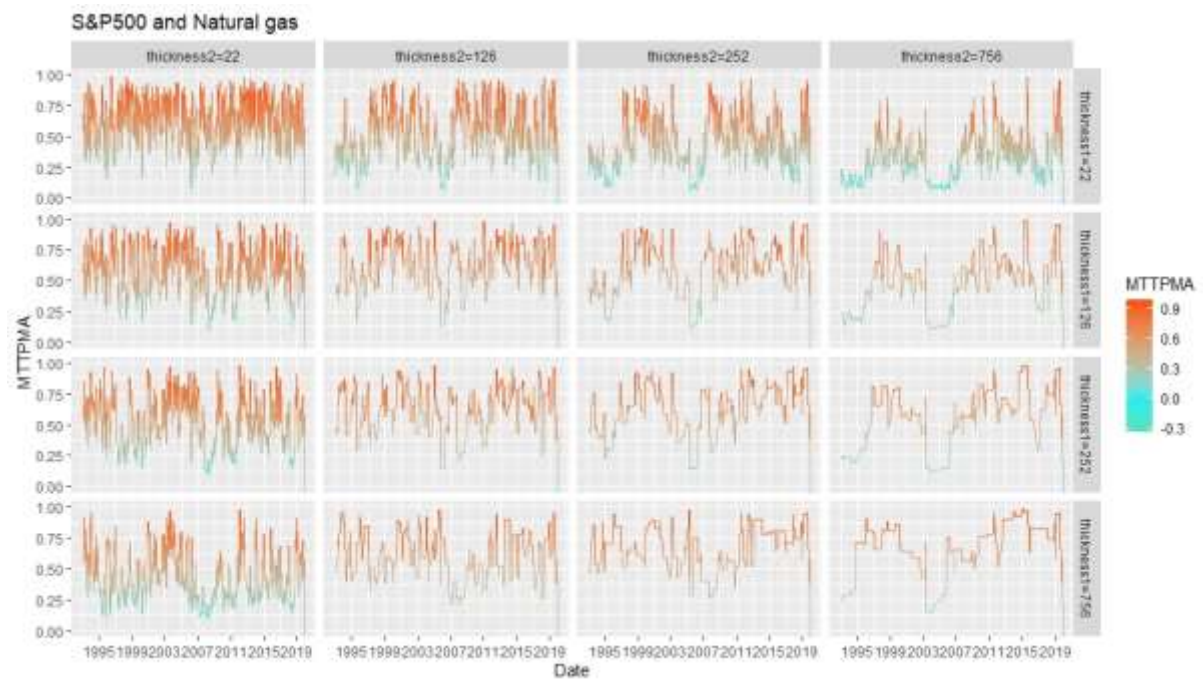


Figure: TPMA and MTPMA of S&P500 Index and natural gas

Non-energy Index

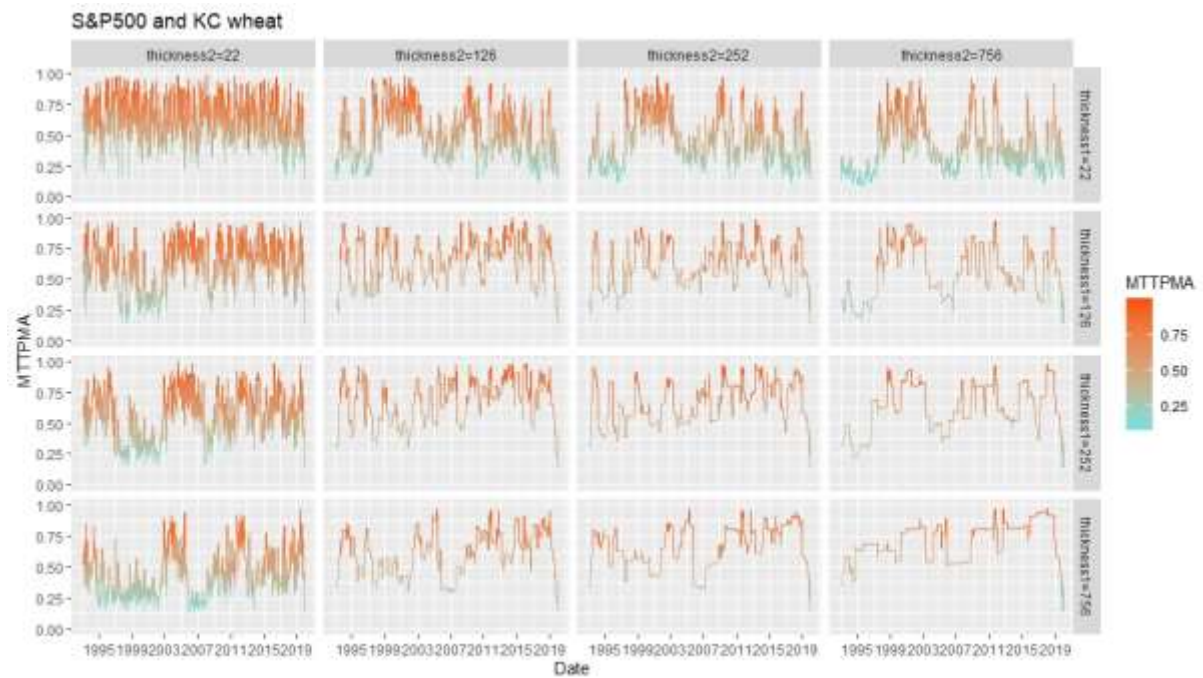


Figure: TPMA and MTPMA of S&P500 Index and Kansas City wheat

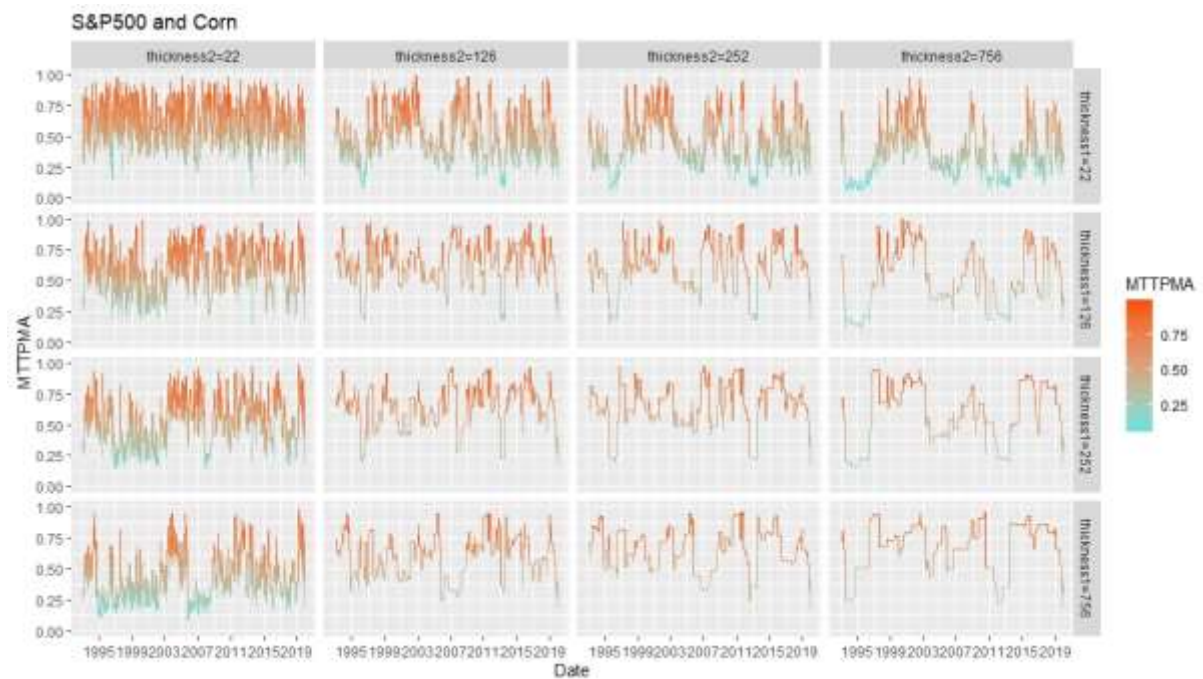


Figure: TPMA and MTPMA of S&P500 Index and corn

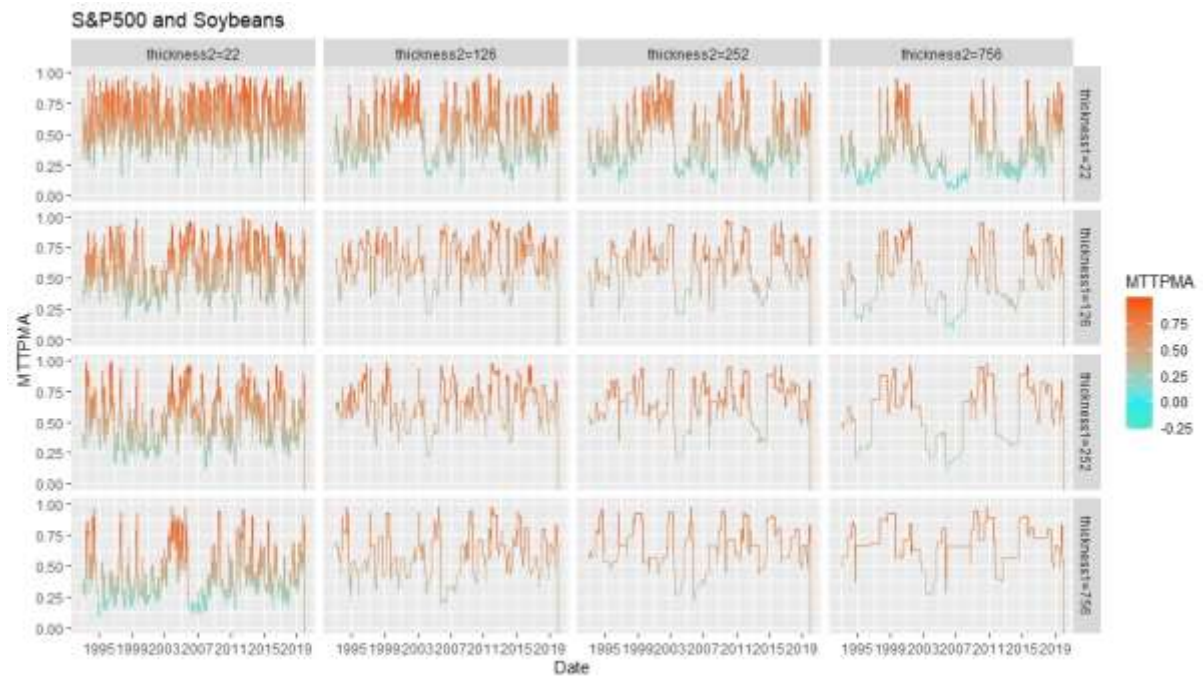


Figure: TPMA and MTPMA of S&P500 Index and soybean

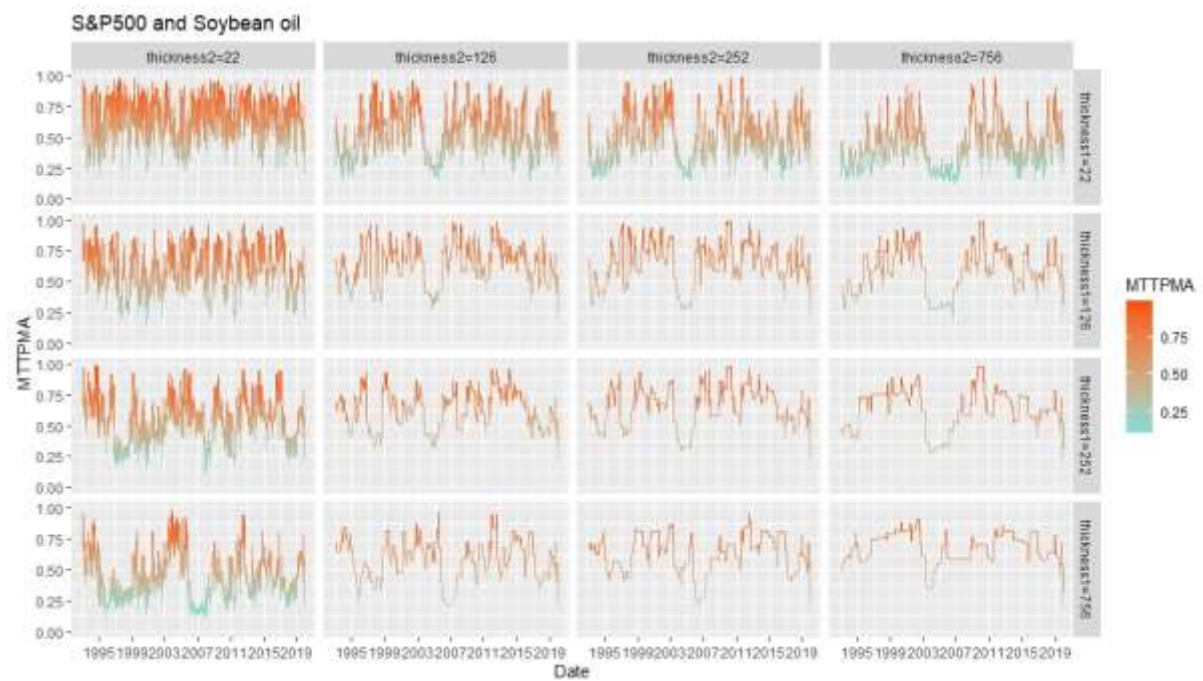


Figure: TPMA and MTPMA of S&P500 Index and soybean oil

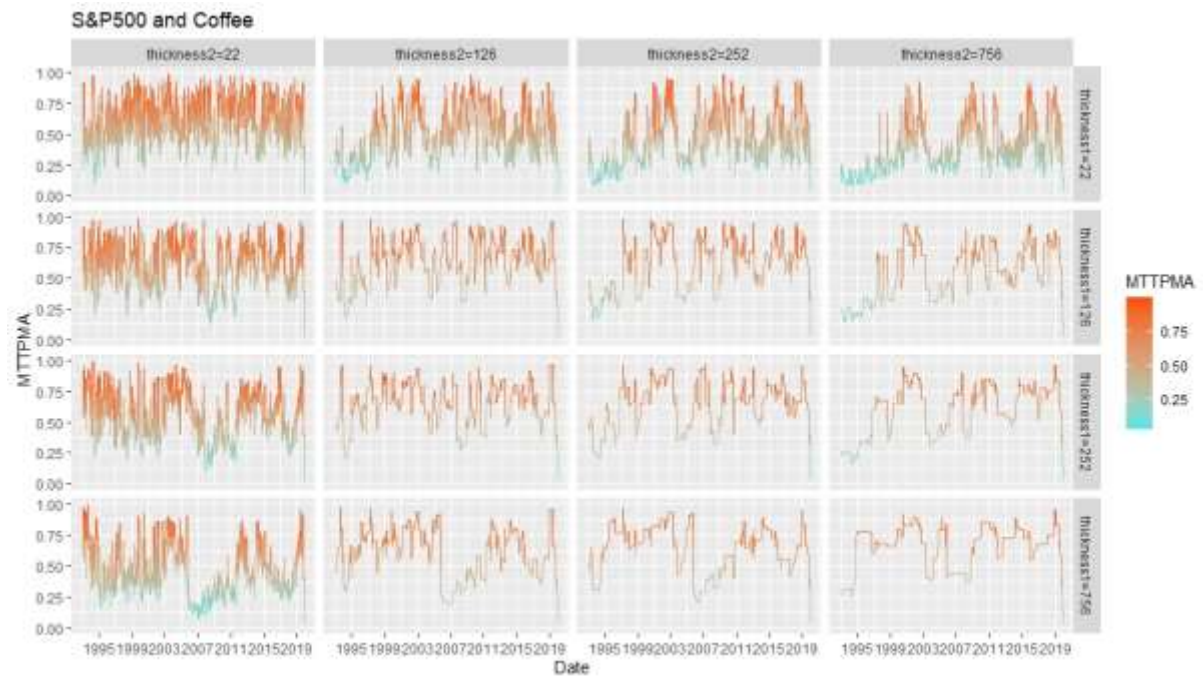


Figure: TPMA and MTPMA of S&P500 Index and coffee

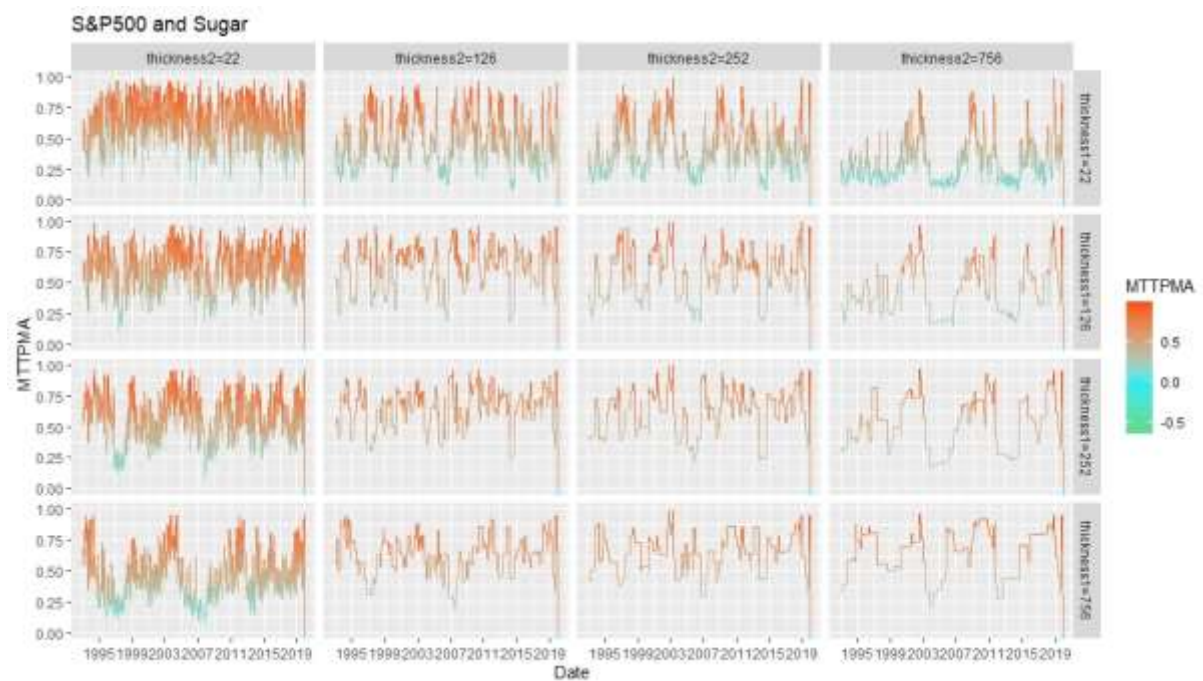


Figure: TPMA and MTPMA of S&P500 Index and sugar

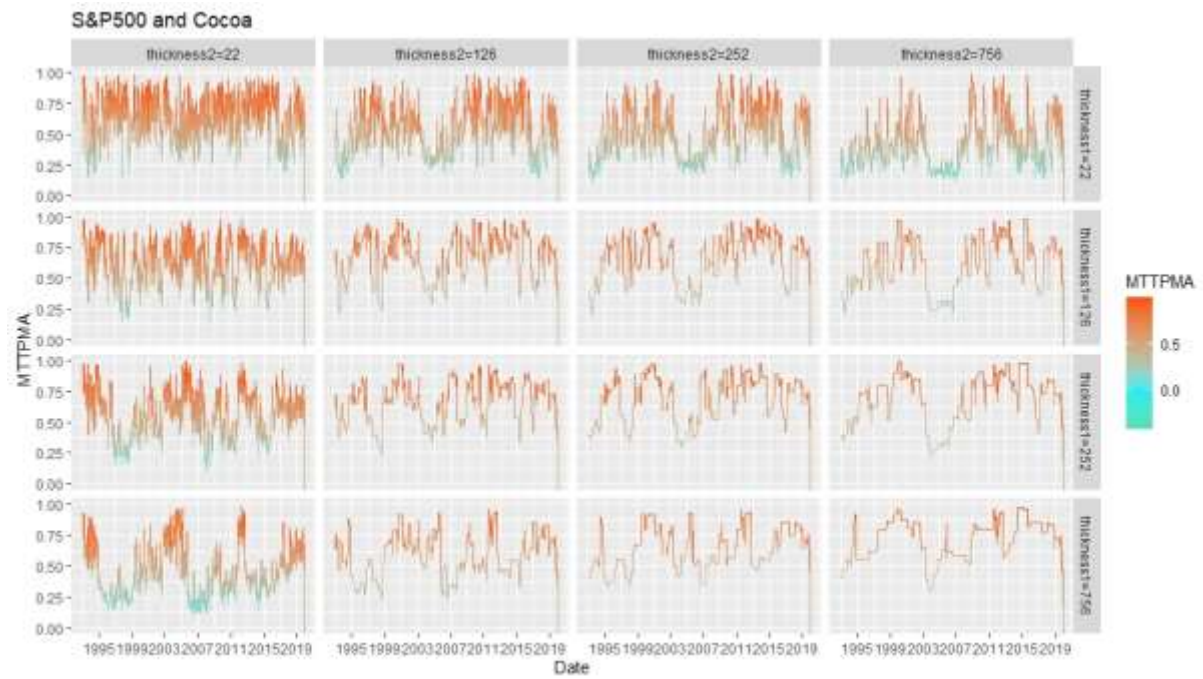


Figure: TPMA and MTPMA of S&P500 Index and cocoa

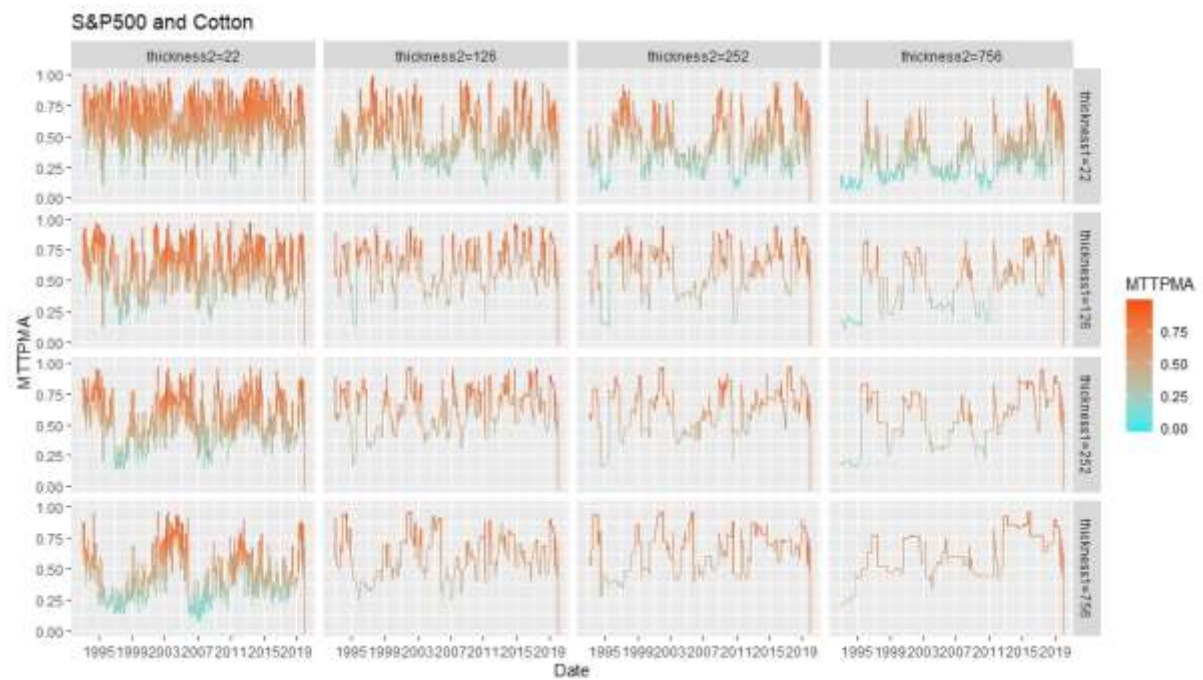


Figure: TPMA and MTPMA of S&P500 Index and cotton

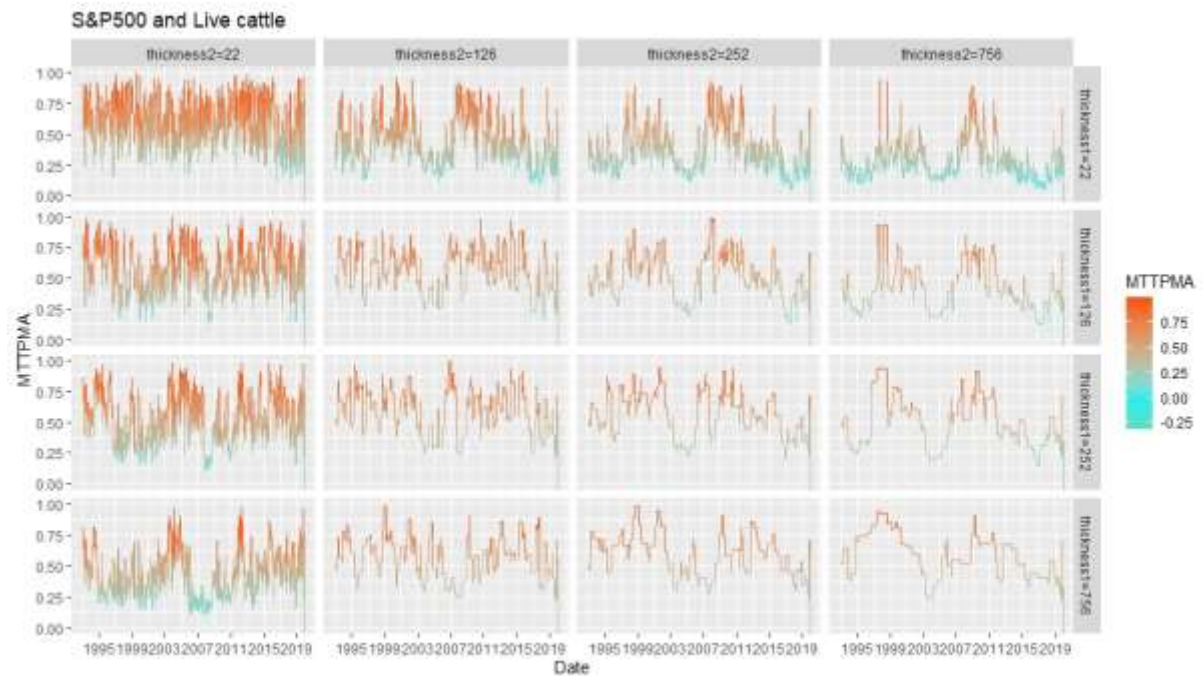


Figure: TPMA and MTPMA of S&P500 Index and live cattle

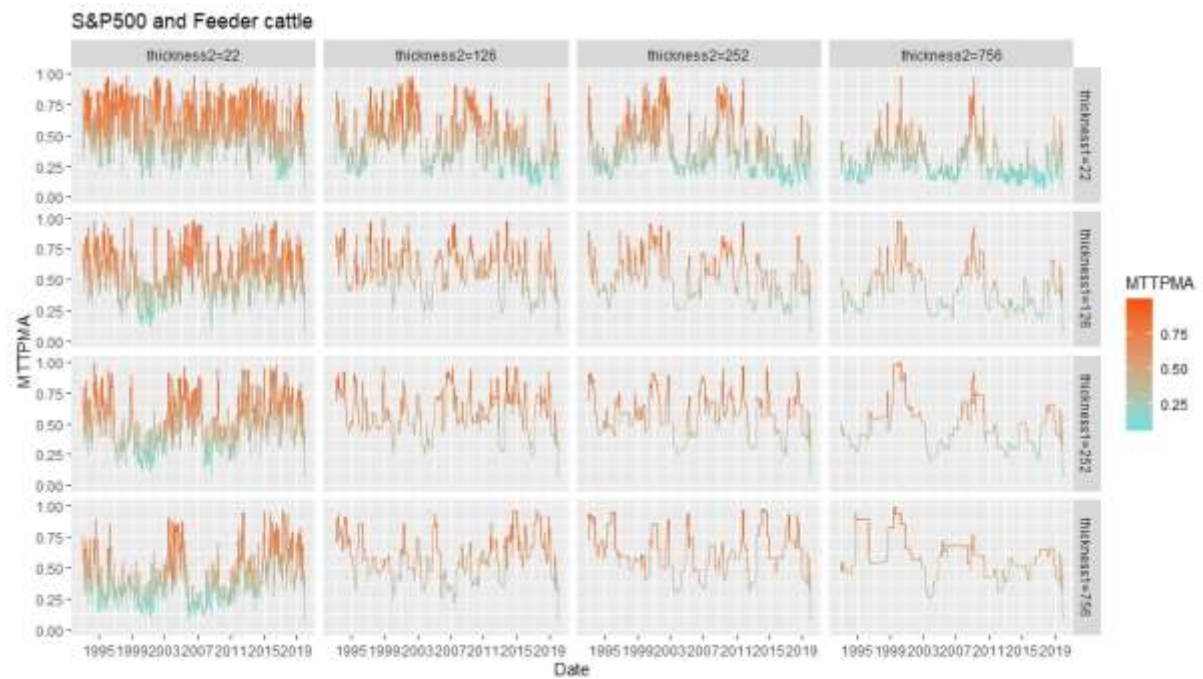


Figure: TPMA and MTPMA of S&P500 Index and feeder cattle

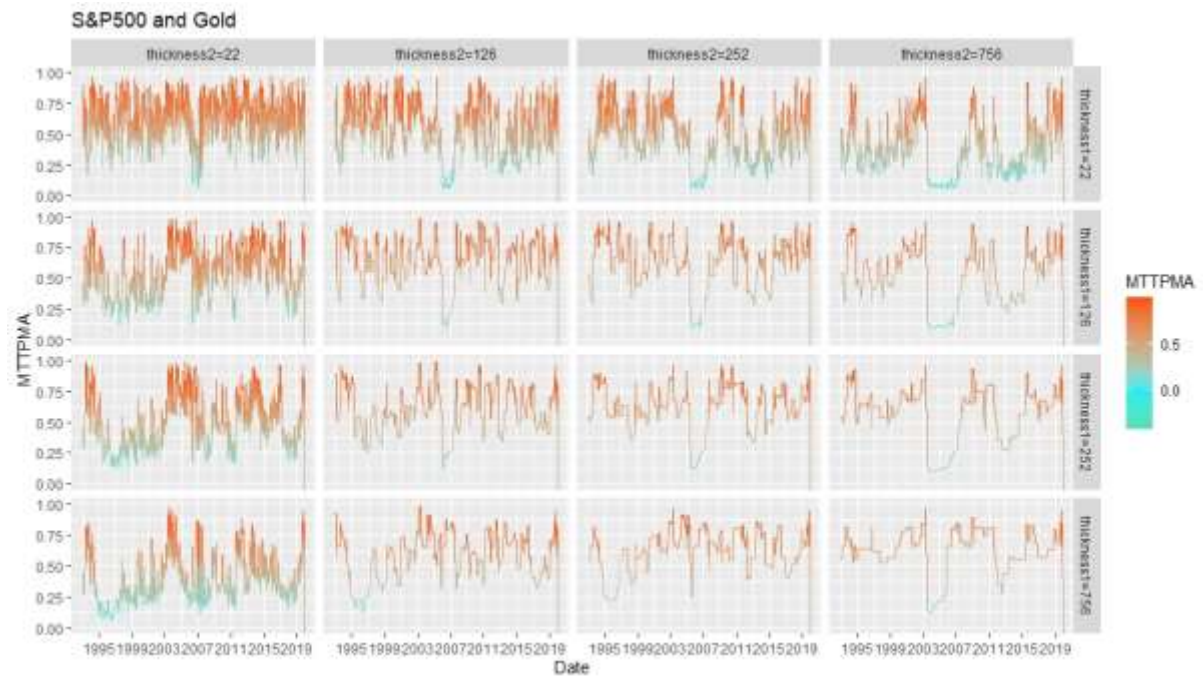


Figure: TPMA and MTPMA of S&P500 Index and gold

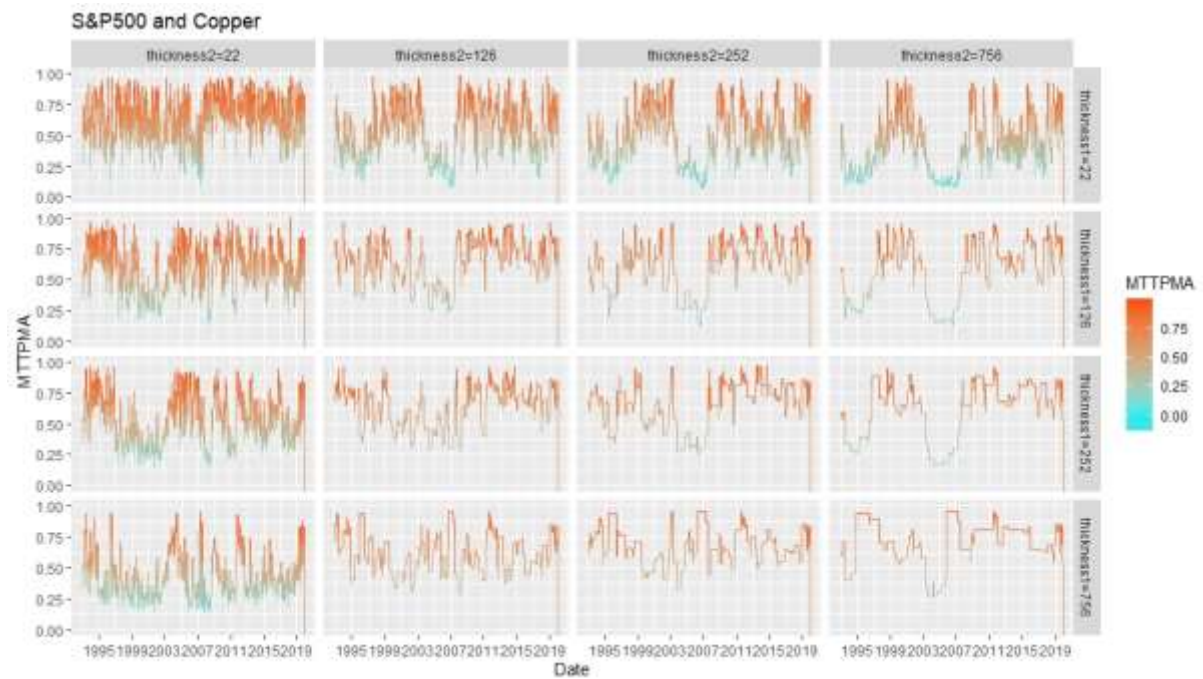


Figure: TPMA and MTPMA of S&P500 Index and copper

Off-index:

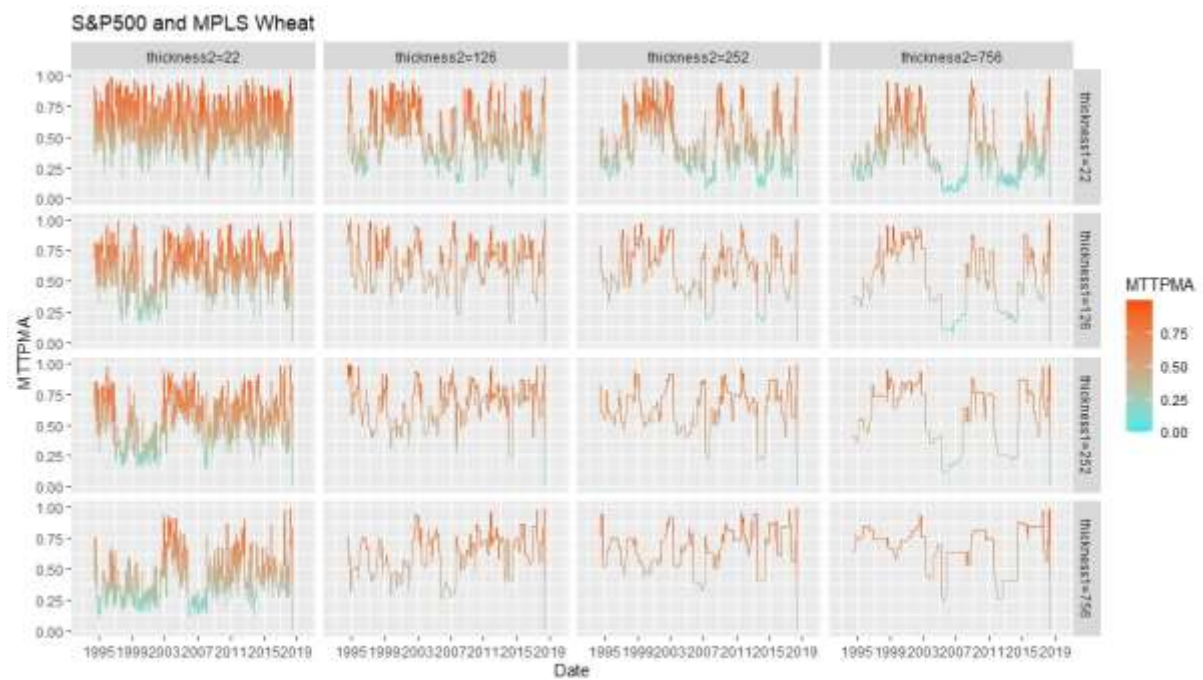


Figure: TPMA and MTPMA of S&P500 Index and Minneapolis wheat

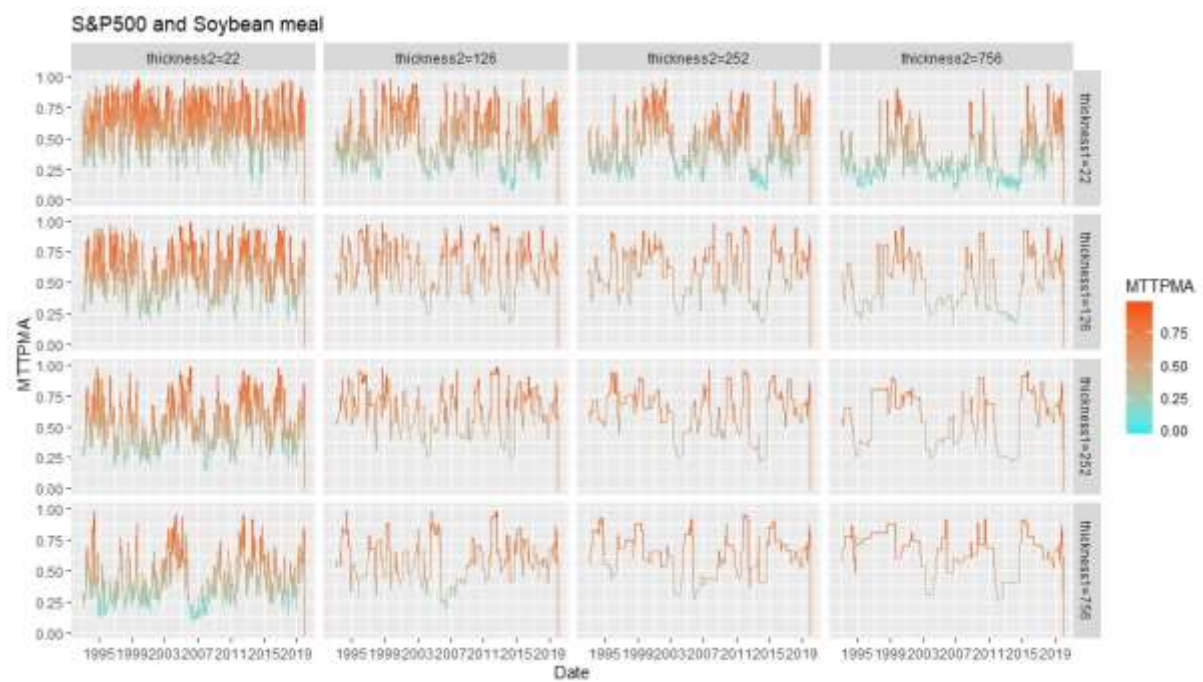


Figure: TPMA and MTPMA of S&P500 Index and soybean meal

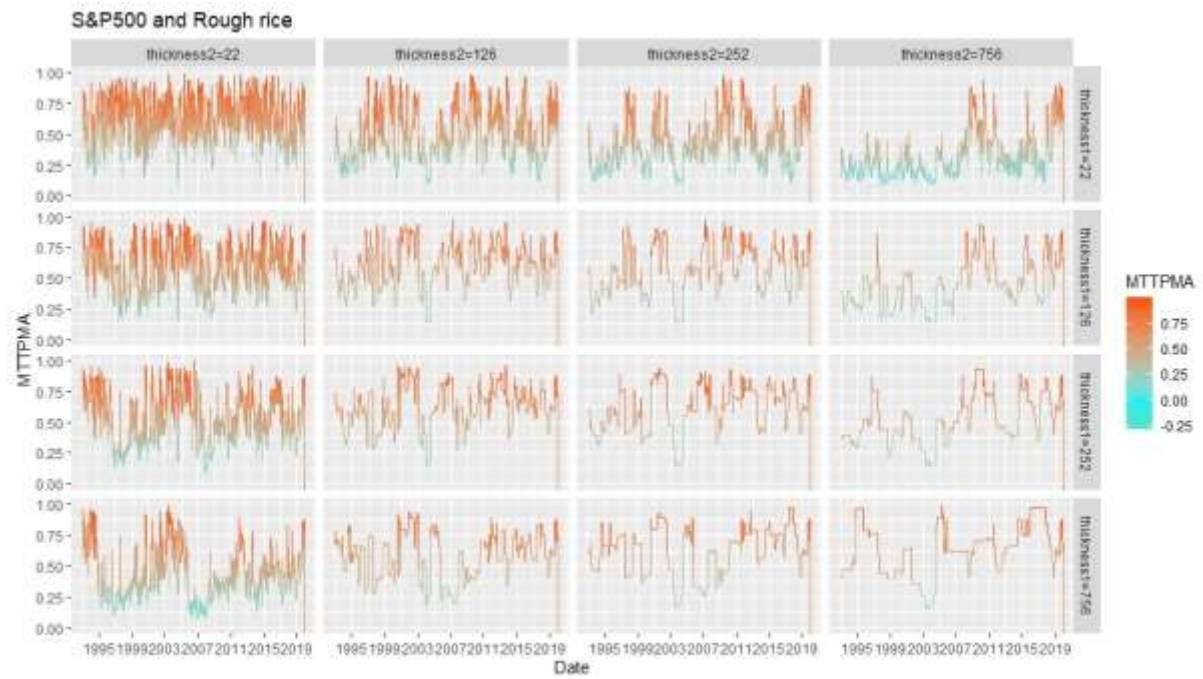


Figure: TPMA and MTPMA of S&P500 Index and rough rice

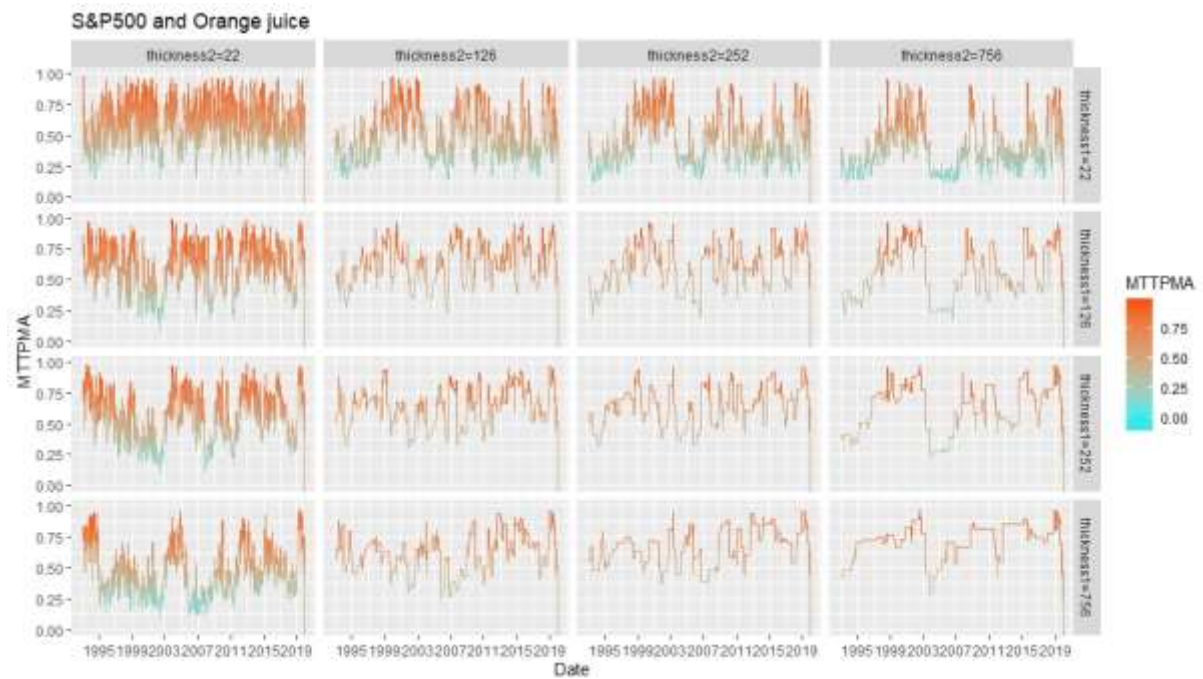


Figure: TPMA and MTPMA of S&P500 Index and orange juice

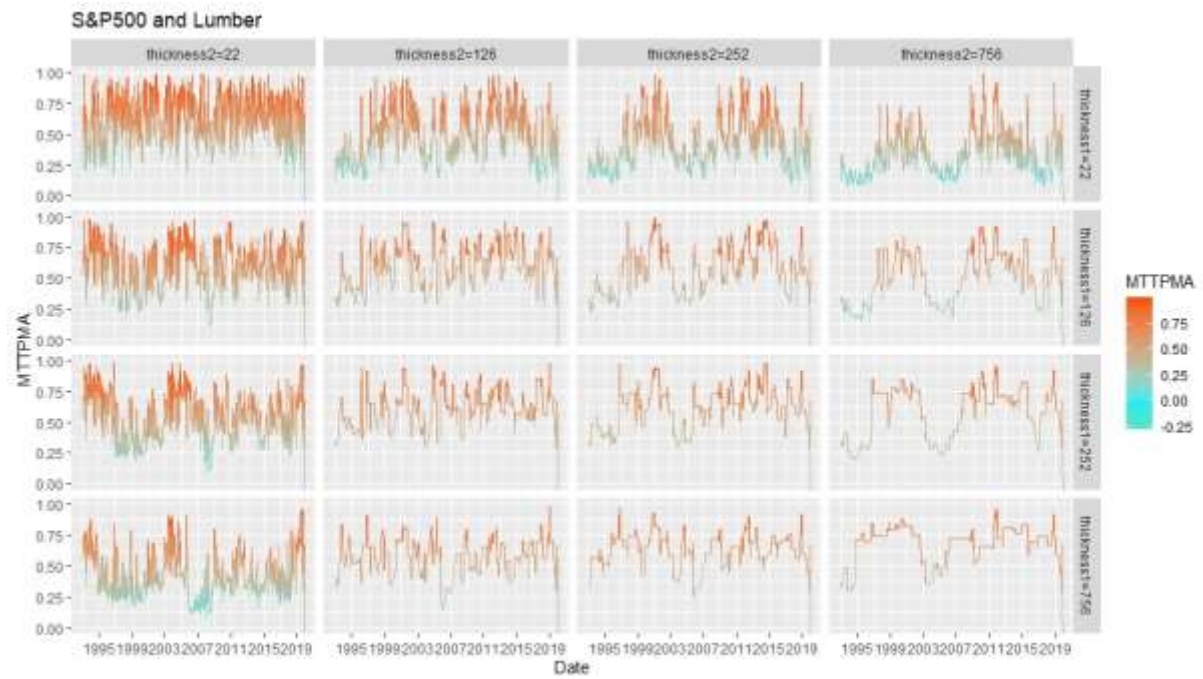


Figure: TPMA and MTPMA of S&P500 Index and lumber