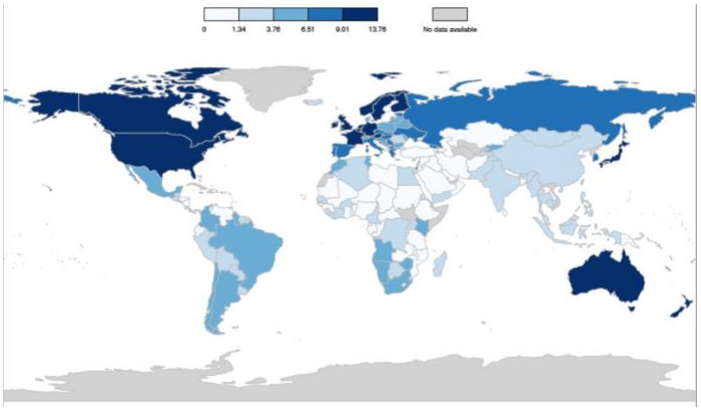
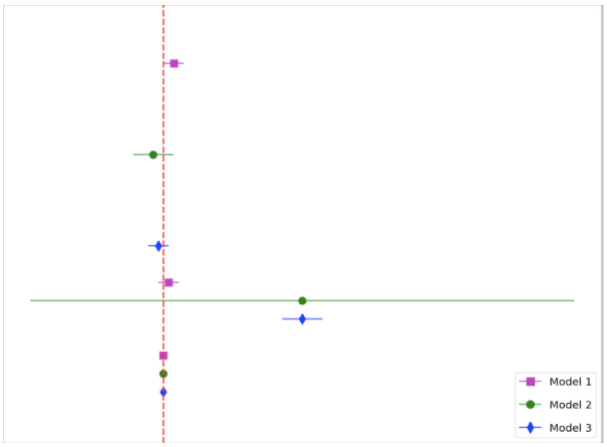
The axis, variable names, features, titles and legends are not shown in the following visualizations. They represent sample work and not full information with high resolution.

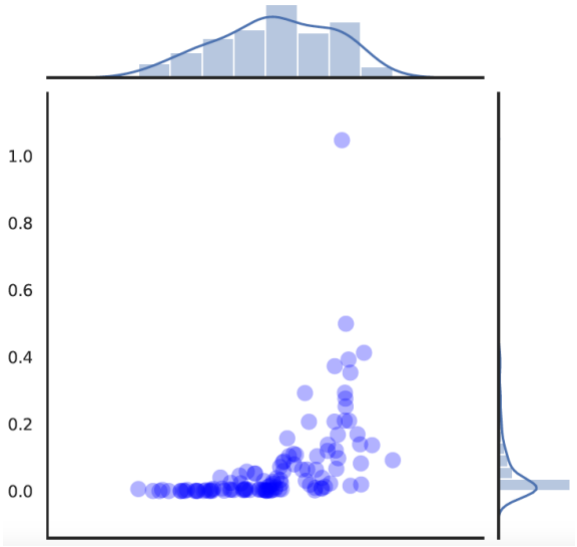
choropleth map



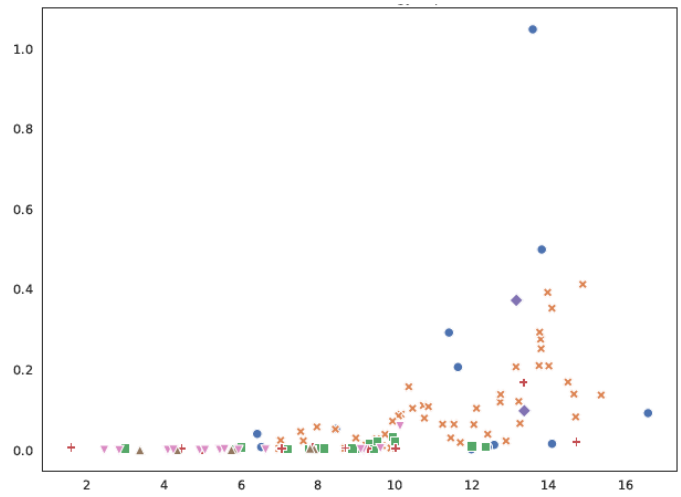
coefficient plots



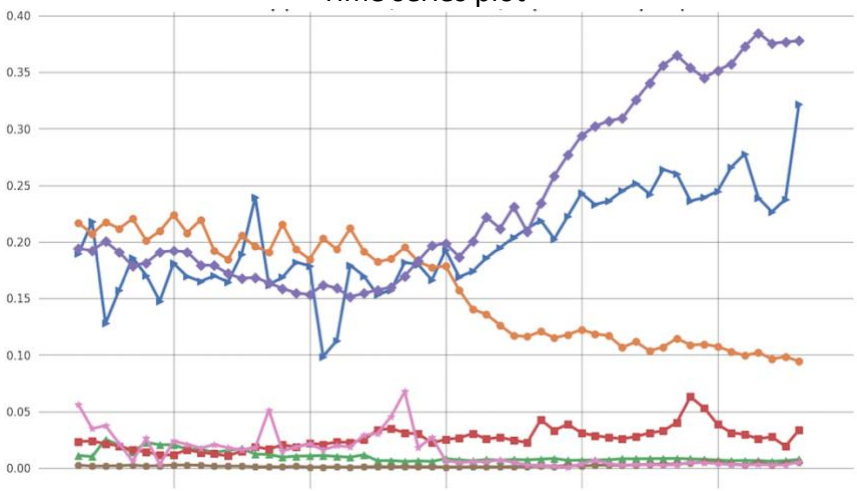
Bivariate Plot



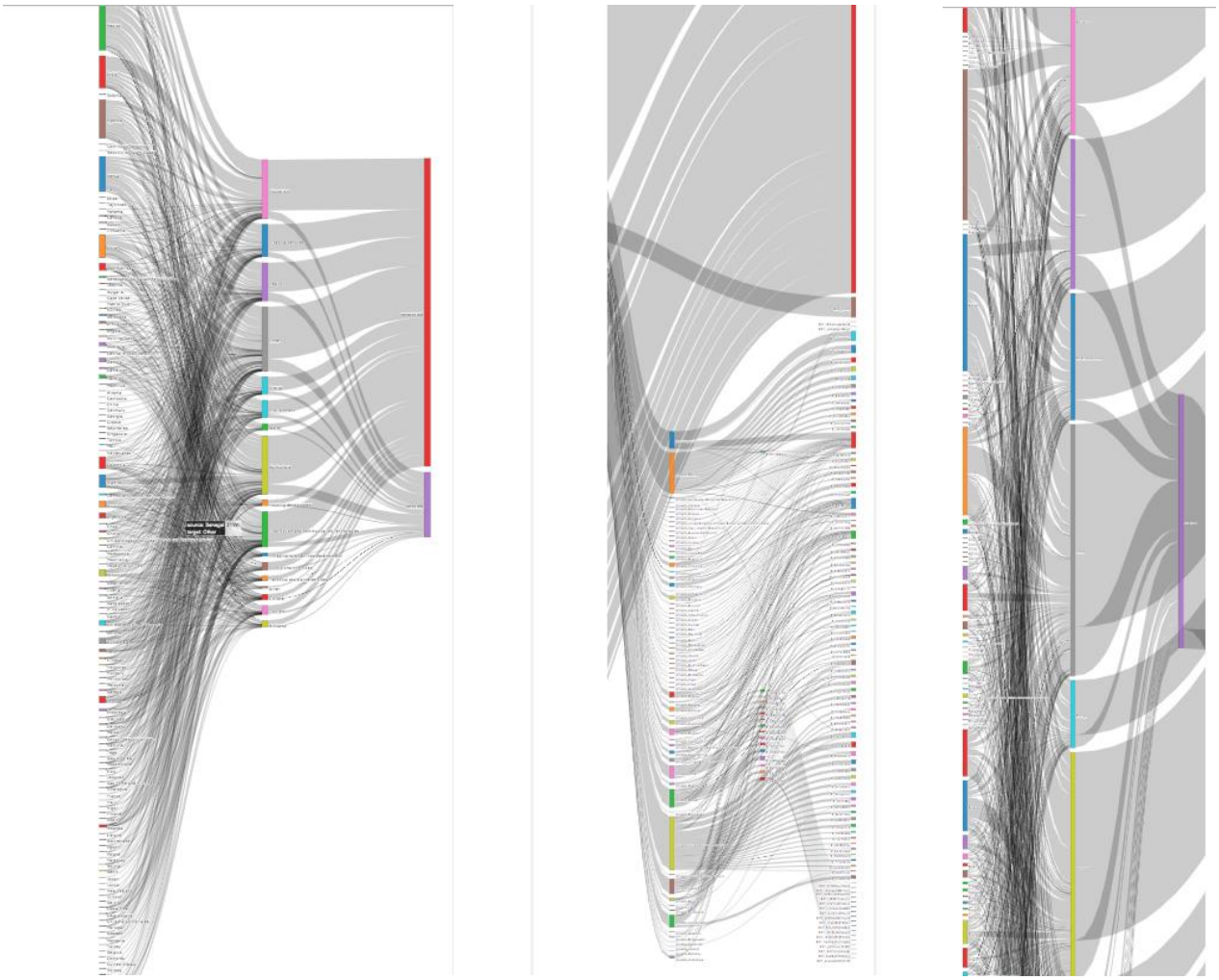
Bivariate Plot with different classes



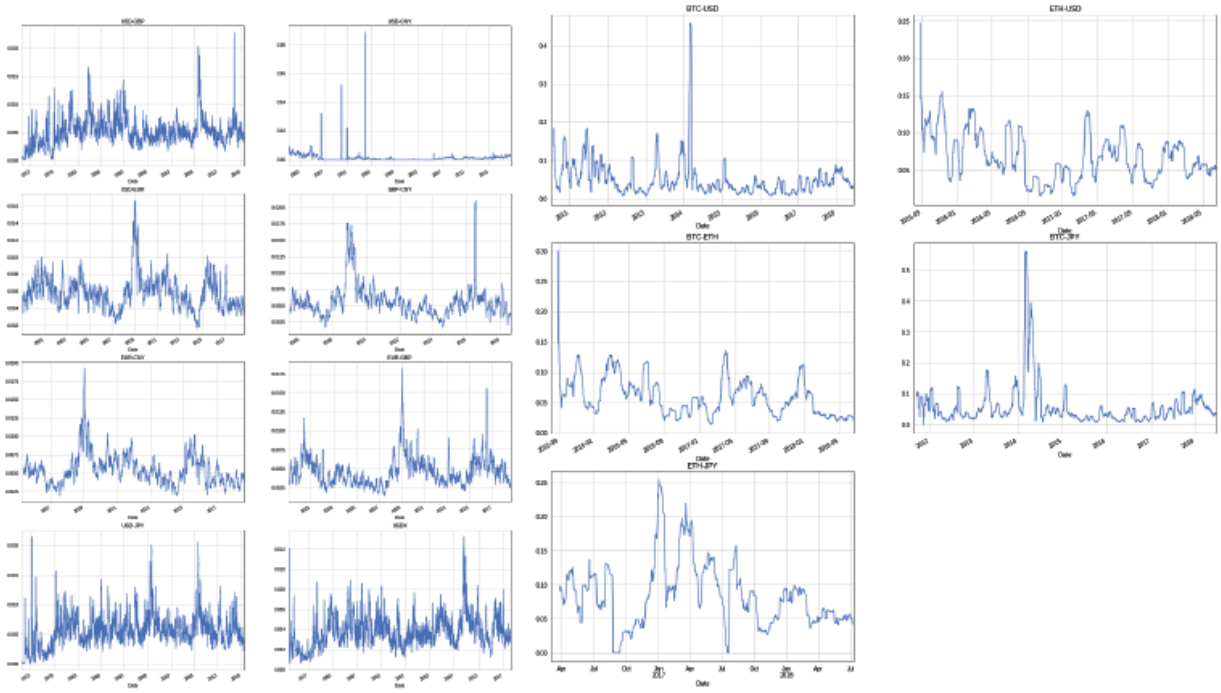
Time series plot



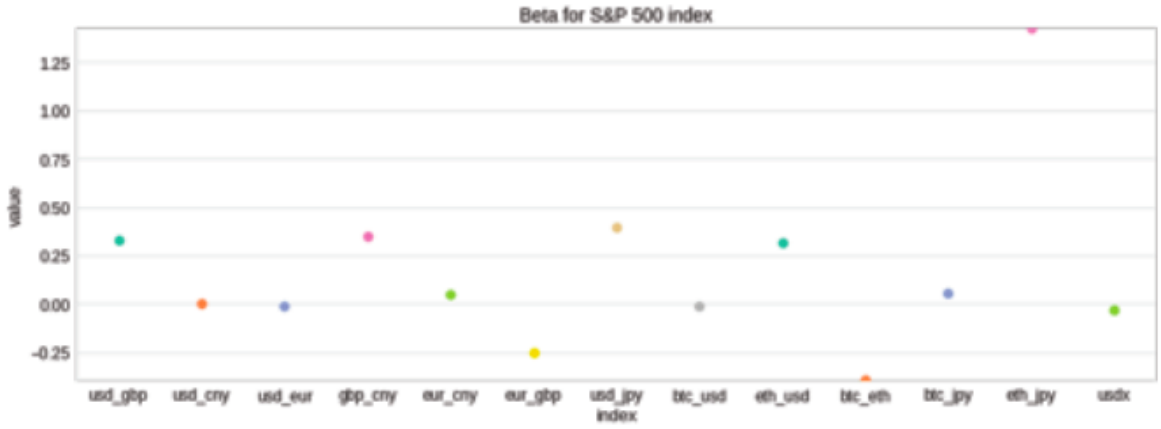
Sankey diagram

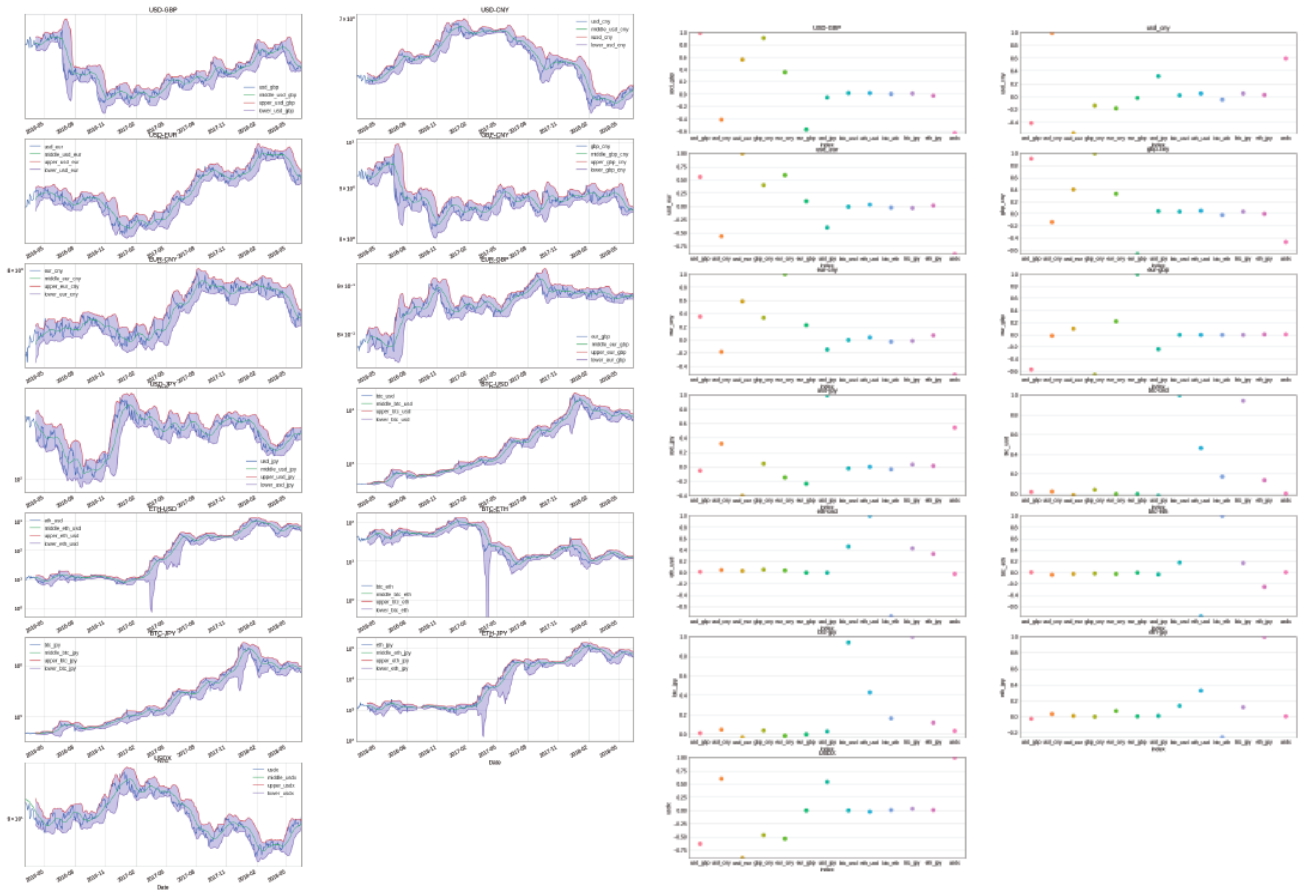


Time Series plots

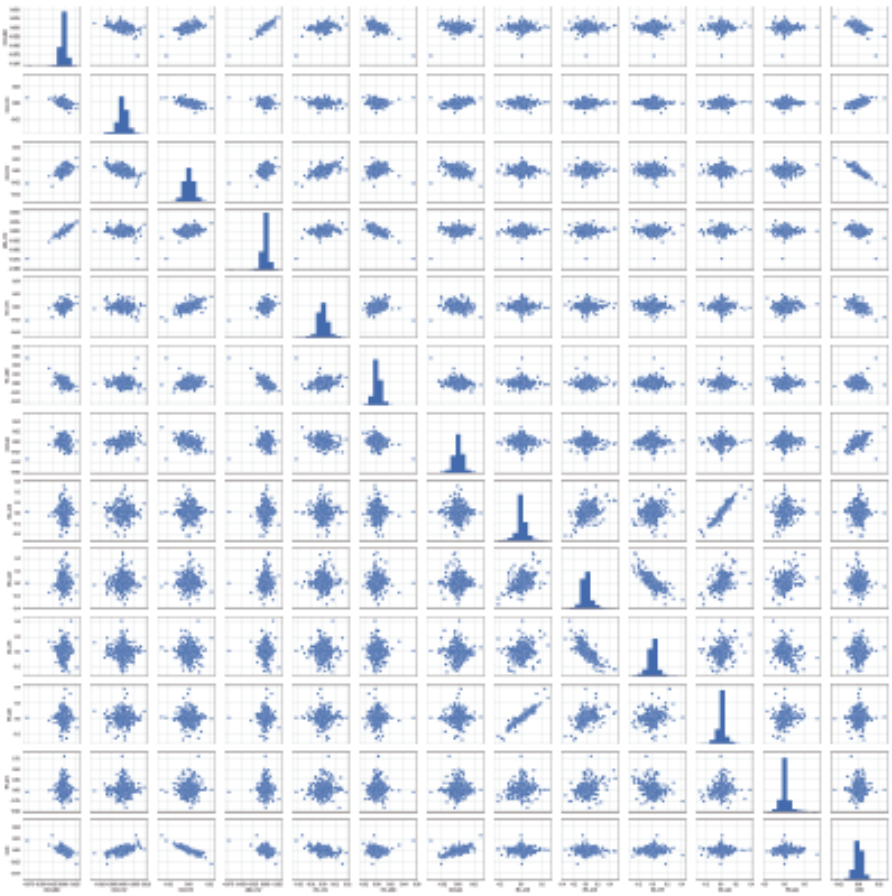


Correlation and Comparative Analysis





Correlation plots



	Mean	min	max	variance	std	skewness	kurtosis	zvalue	pvalue
usd_gbp	-0.000088	-0.078446	0.028211	0.000050	0.007050	-2.417753	27.903273	13.223366	6.431944e-40
usd_cny	-0.000023	-0.012340	0.009146	0.000005	0.002232	-0.327389	3.302775	6.981159	2.927538e-12
usd_eur	0.000118	-0.026370	0.021761	0.000025	0.004989	-0.127825	2.327050	5.877480	4.165585e-09
gbp_cny	-0.000117	-0.073796	0.026772	0.000043	0.006564	-2.448948	28.773083	13.295395	2.461706e-40
eur_cny	0.000087	-0.021806	0.018817	0.000019	0.004322	0.059761	2.791777	6.445987	1.148507e-10
eur_gbp	0.000233	-0.020505	0.054246	0.000036	0.006022	1.562842	12.957378	11.230018	2.904209e-29
usd_jpy	-0.000026	-0.034372	0.028333	0.000042	0.006472	-0.343167	3.042688	6.719047	1.829169e-11
btc_usd	0.006203	-0.217989	0.255605	0.002568	0.050677	0.052494	3.974838	7.577225	3.530234e-14
eth_usd	0.010506	-0.339698	0.487193	0.007123	0.084396	1.054252	5.332870	8.523895	1.542751e-17
btc_eth	0.000447	-0.274790	0.407751	0.005212	0.072192	0.105127	3.970778	7.573928	3.621056e-14
btc_jpy	0.006551	-0.273627	0.378802	0.003354	0.057913	0.367176	7.655473	9.665295	4.233985e-22
eth_jpy	0.012719	-0.428762	0.812442	0.012228	0.110578	1.377372	7.820944	9.731431	2.214549e-22
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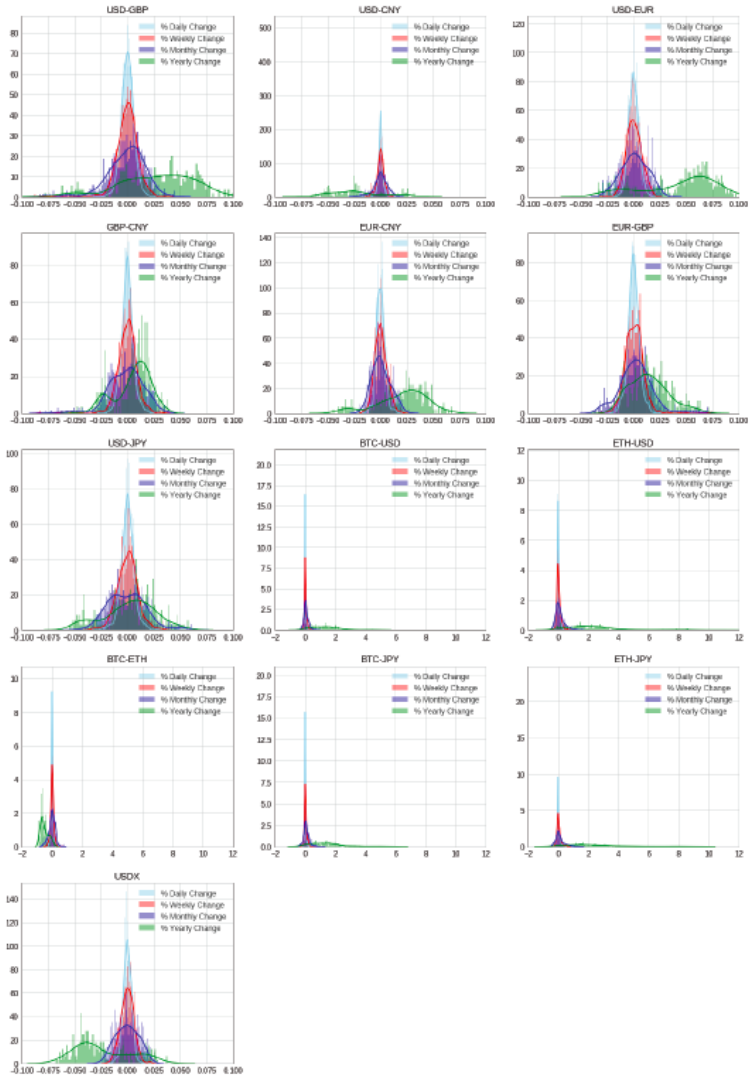

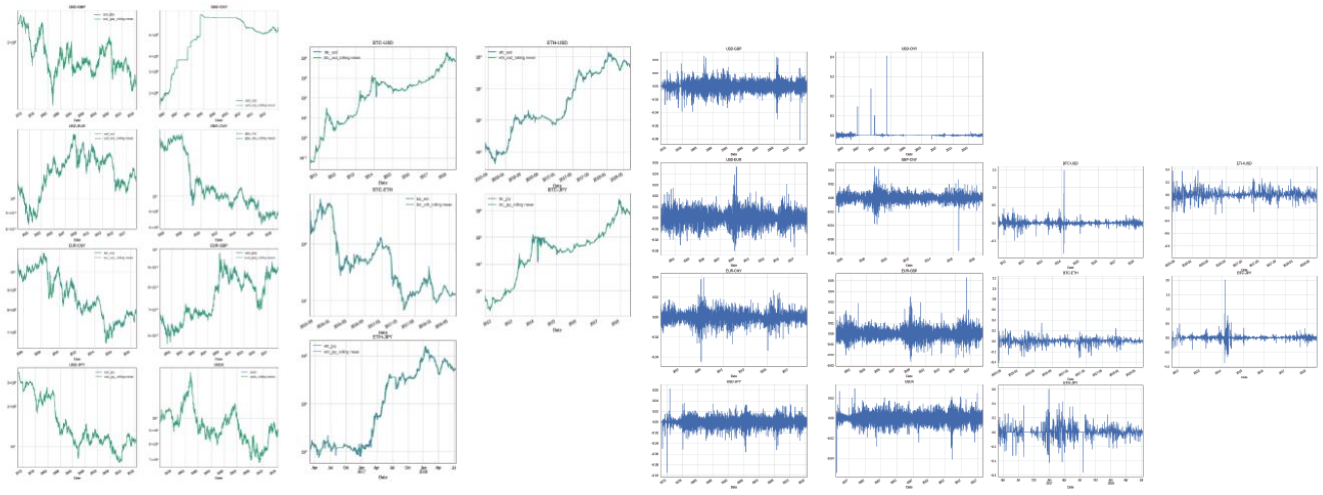

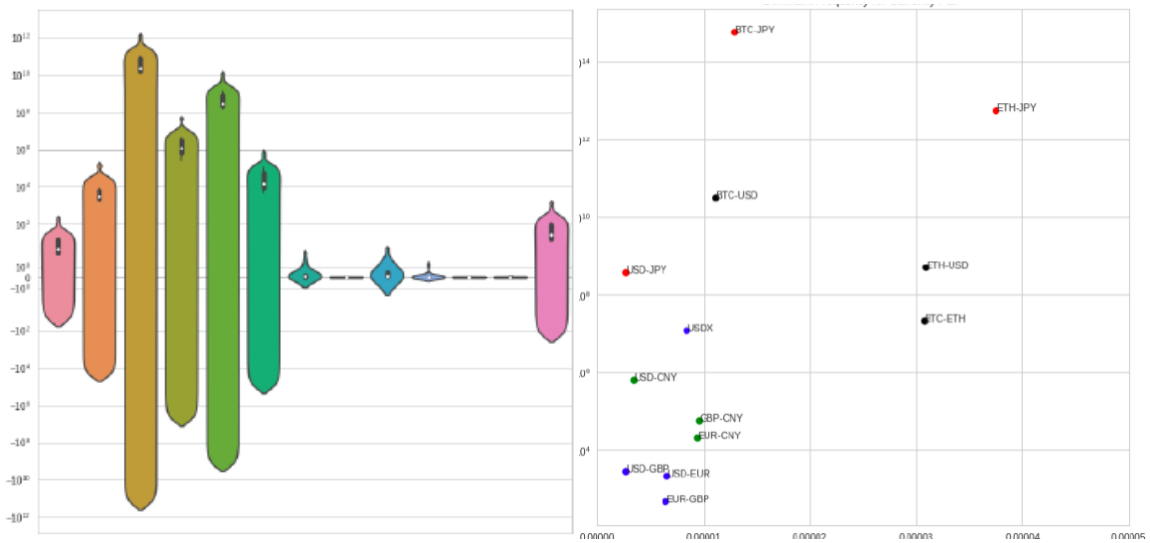
BTC-JPY
ETH-JPY
BTC-USD
USD-JPY
ETH-USD
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BTC-ETH
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EUR-CNY
USD-GBP
USD-EUR
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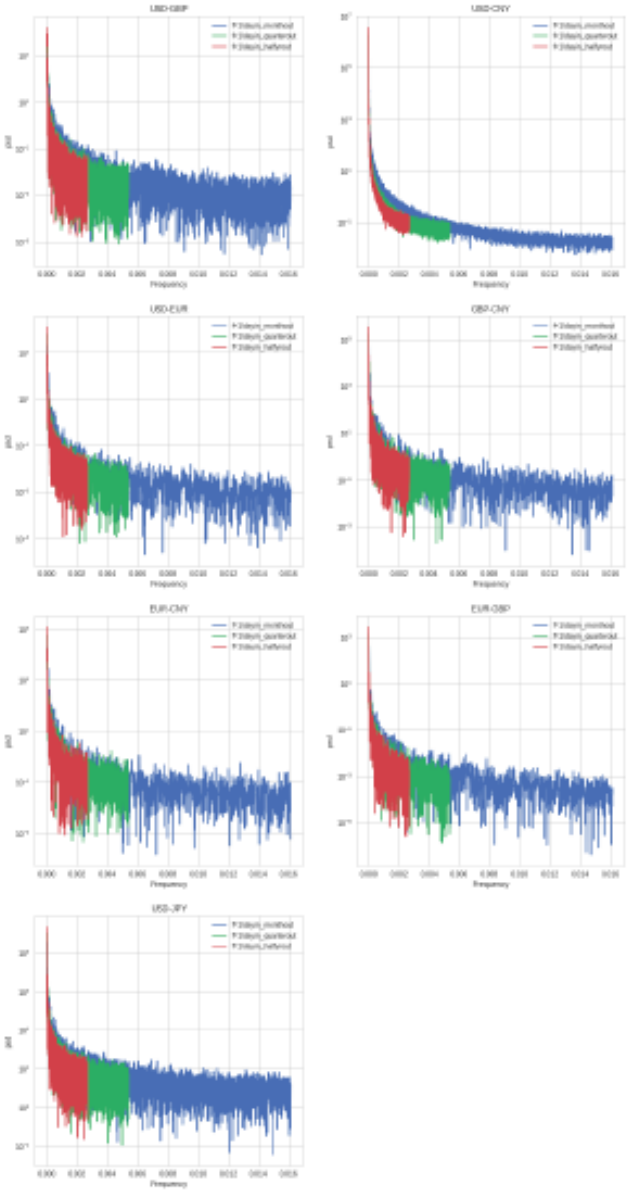
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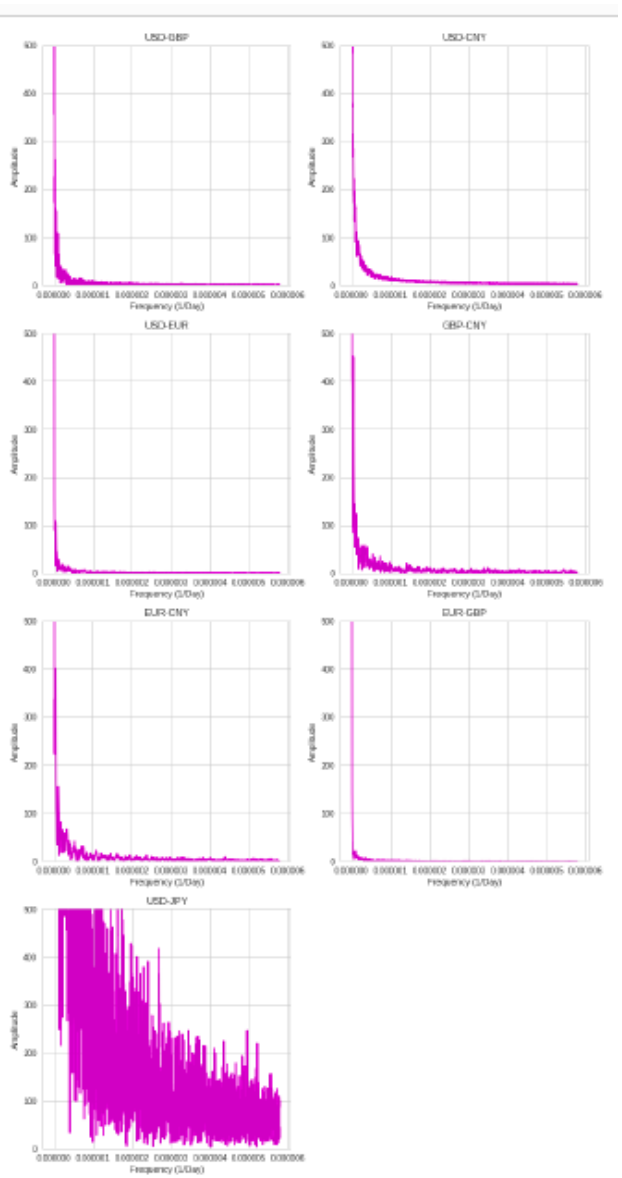
USD-CNY
USD-EUR
GBP-CNY
EUR-CNY
EUR-GBP
USD-JPY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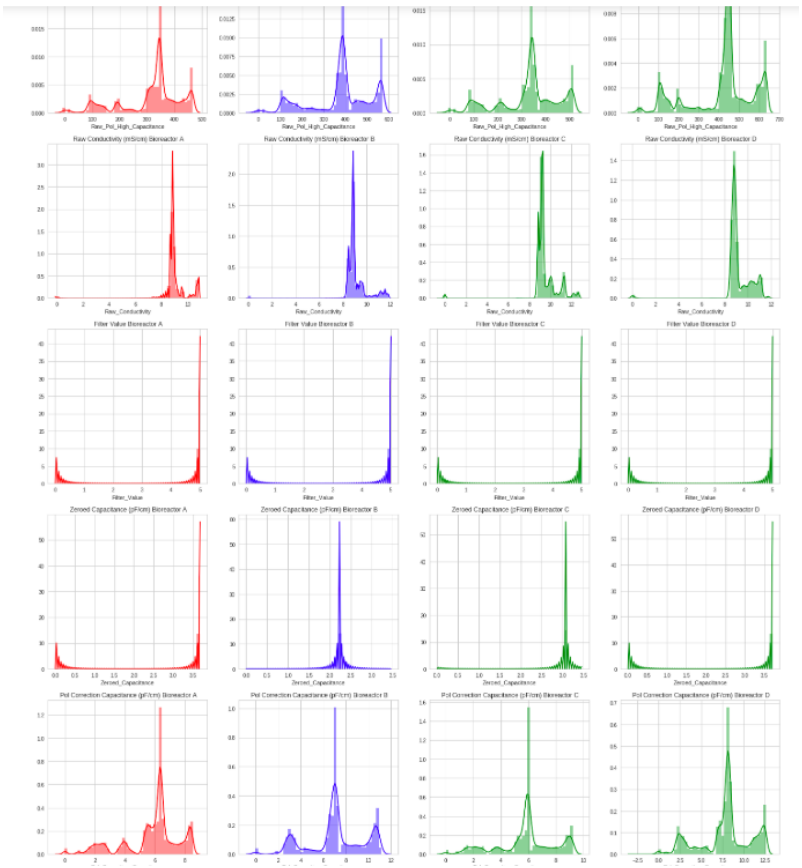
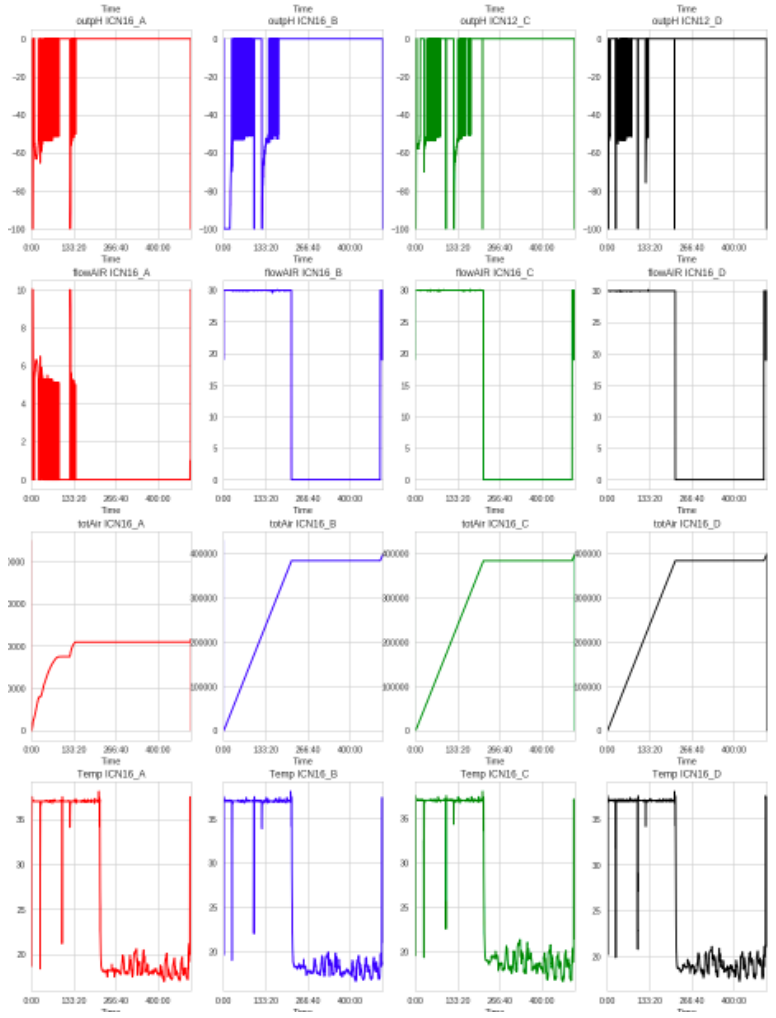
USD-EUR
GBP-CNY
EUR-CNY
EUR-GBP
USD-JPY
Amplitude
Frequency (1/Day)


Raw_Pol_High_Capacitance
Raw Conductivity (mS/cm) Bioreactor A
Raw Conductivity (mS/cm) Bioreactor B
Raw Conductivity (mS/cm) Bioreactor C
Raw Conductivity (mS/cm) Bioreactor D
Raw_Conductivity
Filter Value Bioreactor A
Filter Value Bioreactor B
Filter Value Bioreactor C
Filter Value Bioreactor D
Filter_Value
Zeroed Capacitance (pF/cm) Bioreactor A
Zeroed Capacitance (pF/cm) Bioreactor B
Zeroed Capacitance (pF/cm) Bioreactor C
Zeroed Capacitance (pF/cm) Bioreactor D
Zeroed_Capacitance
Pol Correction Capacitance (pF/cm) Bioreactor A
Pol Correction Capacitance (pF/cm) Bioreactor B
Pol Correction Capacitance (pF/cm) Bioreactor C
Pol Correction Capacitance (pF/cm) Bioreactor D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outpH ICN16_B
outpH ICN12_C
outpH ICN12_D
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flowAIR ICN16_B
flowAIR ICN16_C
flowAIR ICN16_D
totAir ICN16_A
totAir ICN16_B
totAir ICN16_C
totAir ICN16_D
Temp ICN16_A
Temp ICN16_B
Temp ICN16_C
Temp ICN16_D
Time