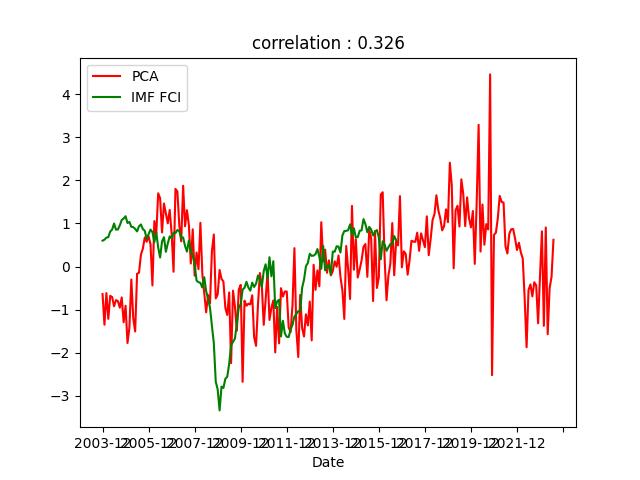
Our group have currently finished running PCA models for Poland and Hungary. PCA results for various subset selections of financial indices are quite different. We have doubt that whether our PCA implementation meets the requirement. Here we select representative selection results for two countries to show differences.

**Poland:**

(1)



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id : 3230404519

corr\_coef : 0.3255182669006096

explain variance ratio : 0.3374651117980625

Weight :

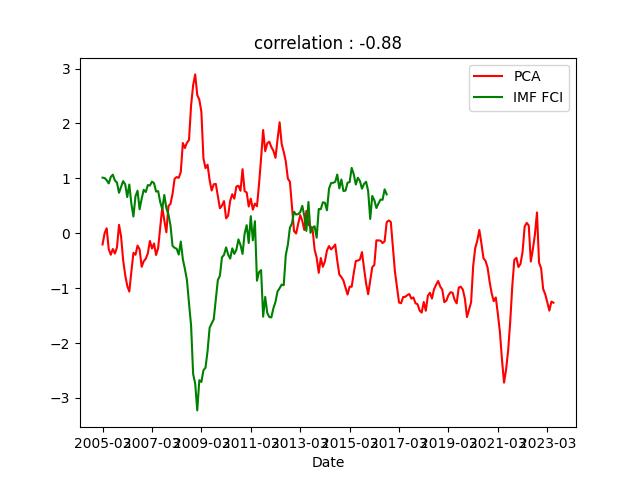
Term\_Premium : 0.15036137076974687

Stock\_Prices\_mom%\_change : 0.20989917395311372

Policy\_Rate\_&\_Fed\_Funds\_Rate\_Differential\_AVG : 0.6670862622530027

Portfolio\_Flows : 0.6988059198857439

(2)



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id : 4146093033

corr\_coef : -0.8800849274074956

explain variance ratio : 0.4440372574859956

Weight :

Risk\_Premium : -0.6289585276560925

Stock\_Prices\_mom24mma%\_change : -0.3819734717643226

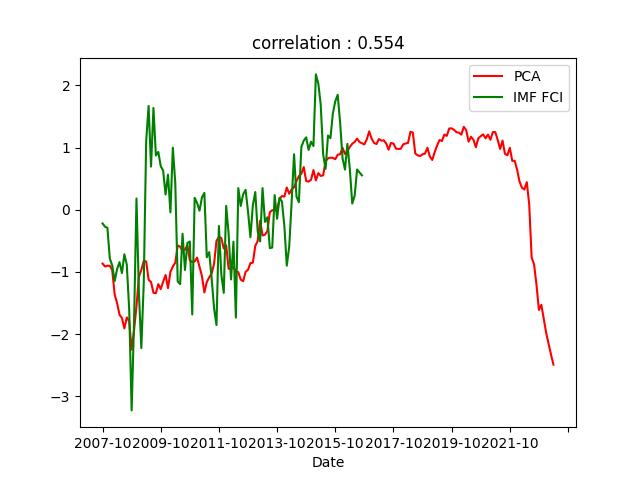
Current\_Account\_Balance\_over\_GDP : -0.5298130581076461

Velocity\_of\_Money\_mo12m%\_change : -0.4216699666986188

The (1) PCA selection is the one with the highest correlation coefficient while the (2) PCA selection has the lowest correlation value. In the text description part below the PCA result plot, “Weight” represents elements in corresponding eigenvector for the result.

**Hungary:**

(1)



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id : 5645384571

corr\_coef : 0.5537854514741996

explain variance ratio : 0.45716047624637707

Weight :

Term\_Premium : 0.4874349090538897

Stock\_Market\_Volatility : 0.0028482971833536652

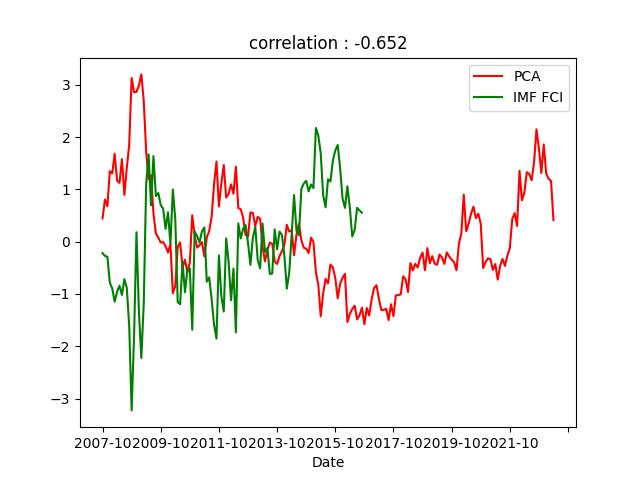
REER : 0.5209563651728428

One-Day\_Repo\_Rate\_EOP : 0.5675678823791716

Bank\_Lending\_mo12m%\_change : 0.3102675327988164

Foreign\_Exchange\_Reserve\_over\_GDP : 0.2694518866277244

(2)



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id : 4877855988

corr\_coef : -0.6519096304791531

explain variance ratio : 0.43381769181355045

Weight :

Risk\_Premium : -0.4992663306618003

Stock\_Prices\_mom%\_change : -0.324606731453407

Stock\_Prices\_mom24mma%\_change : -0.6102487840473683

Current\_Account\_Balance\_over\_GDP : -0.5169921262626916

Bank\_Lending\_mo12m%\_change : -0.07536022766504458

The (1) PCA selection is the one with the highest correlation coefficient while the (2) PCA selection has the lowest correlation value. In the text description part below the PCA result plot, “Weight” represents elements in corresponding eigenvector for the result.