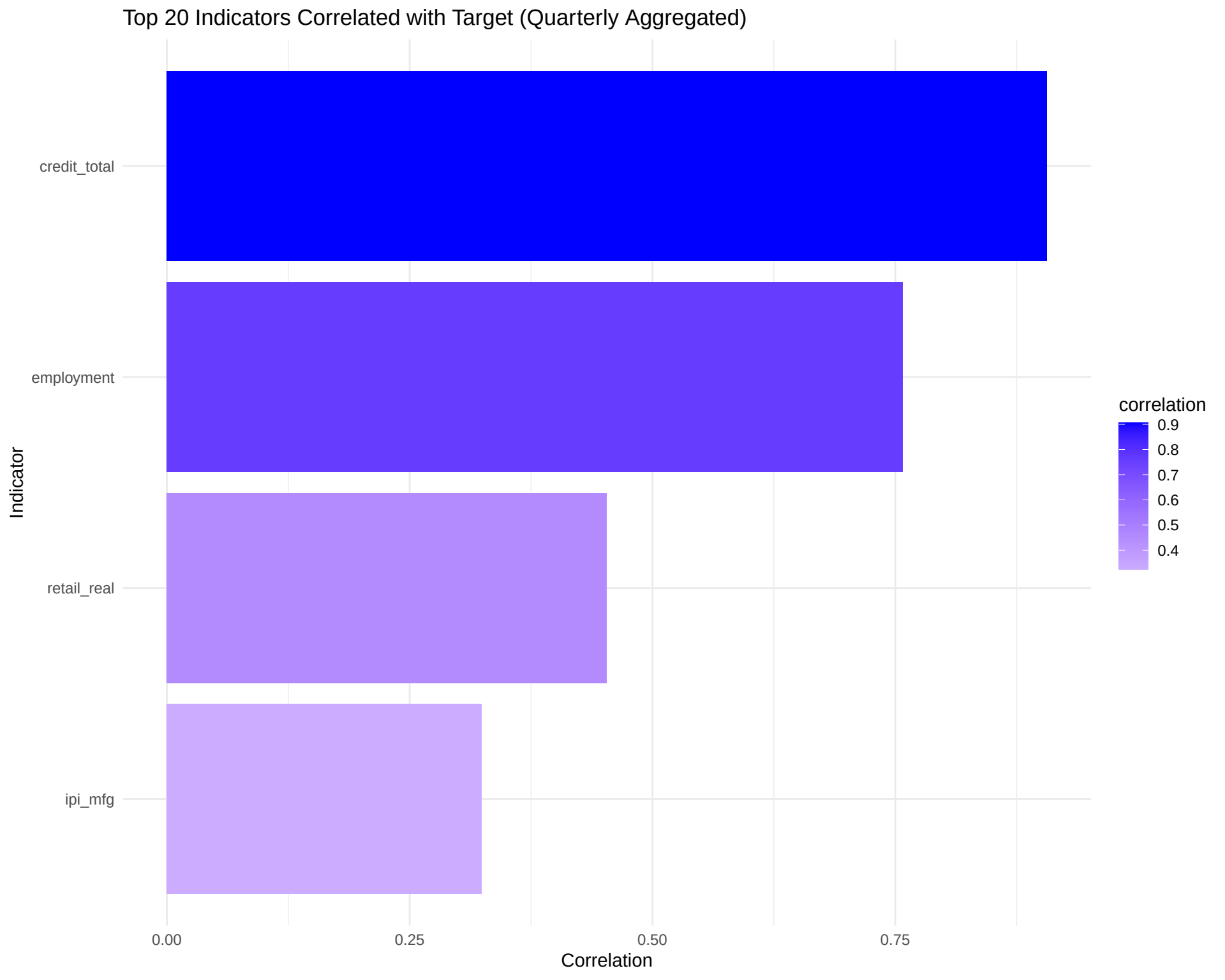
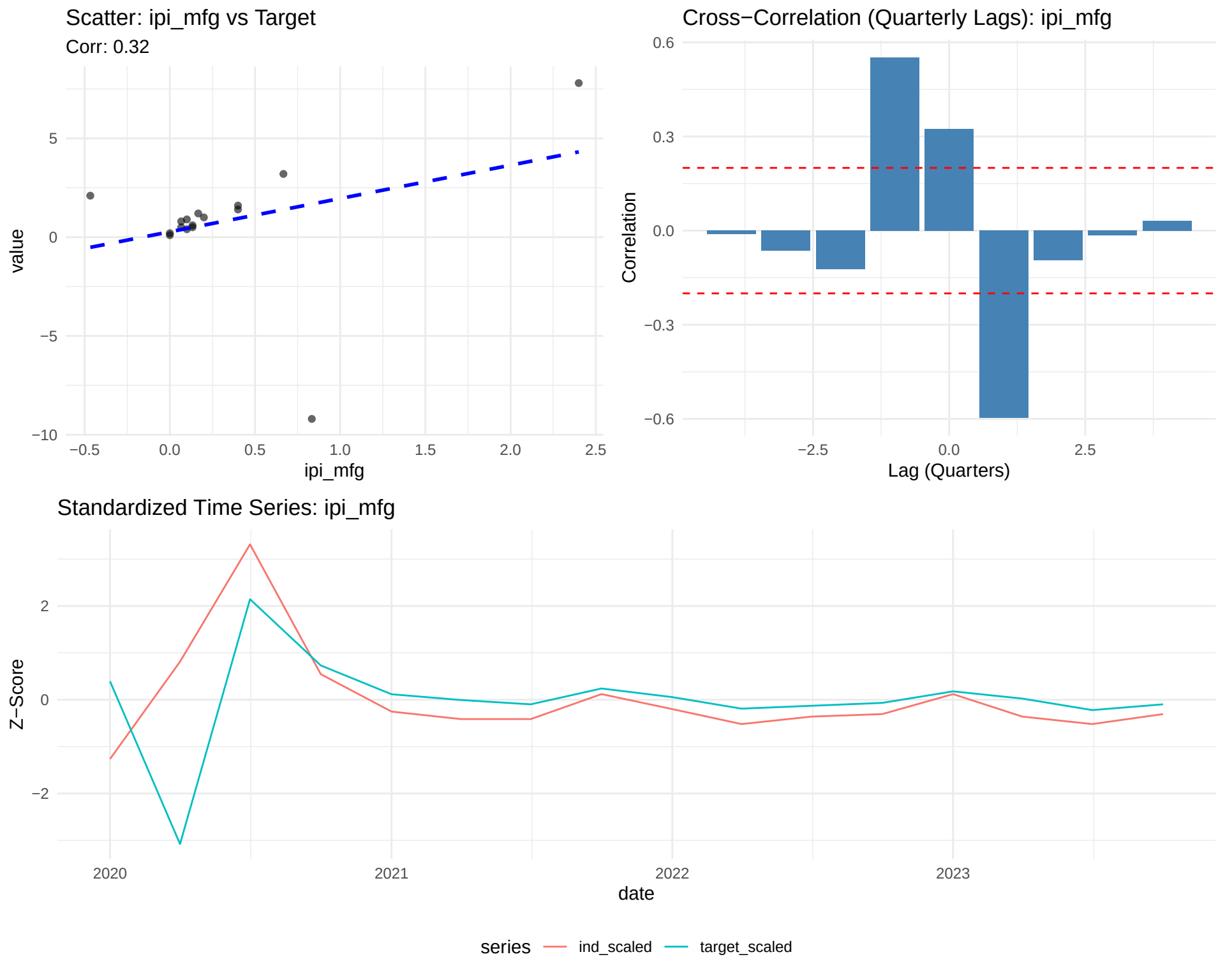
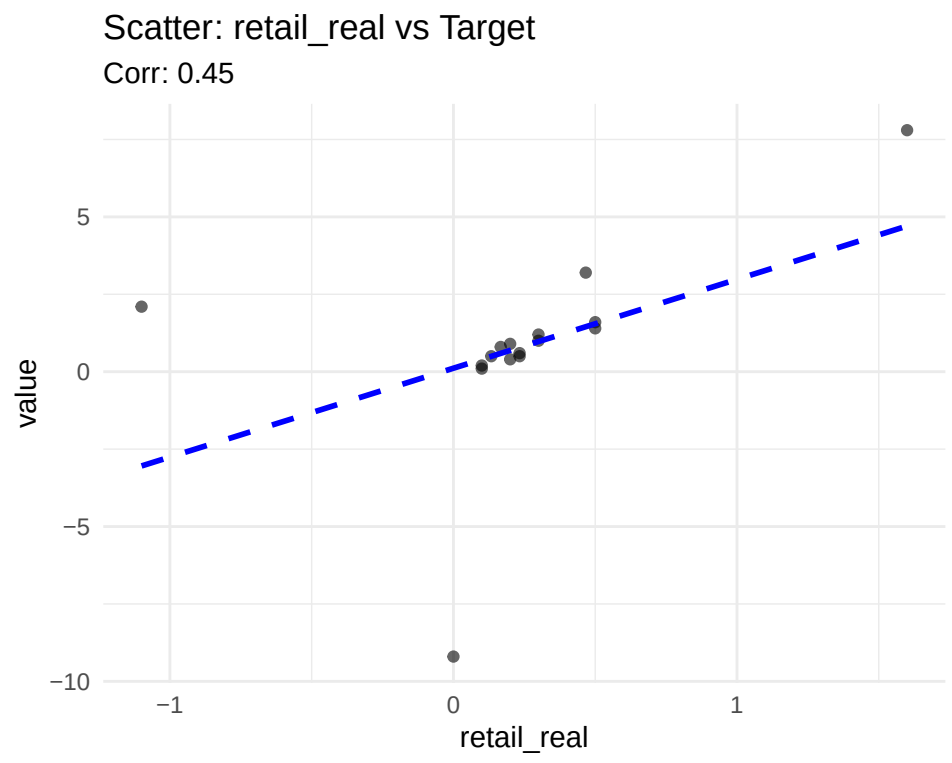
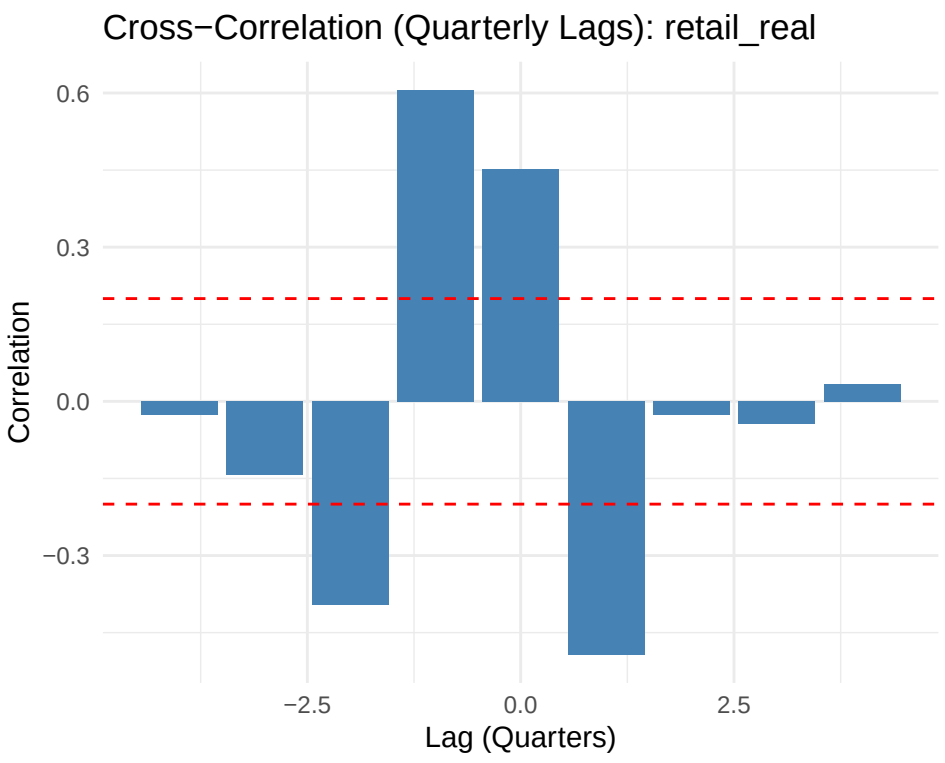
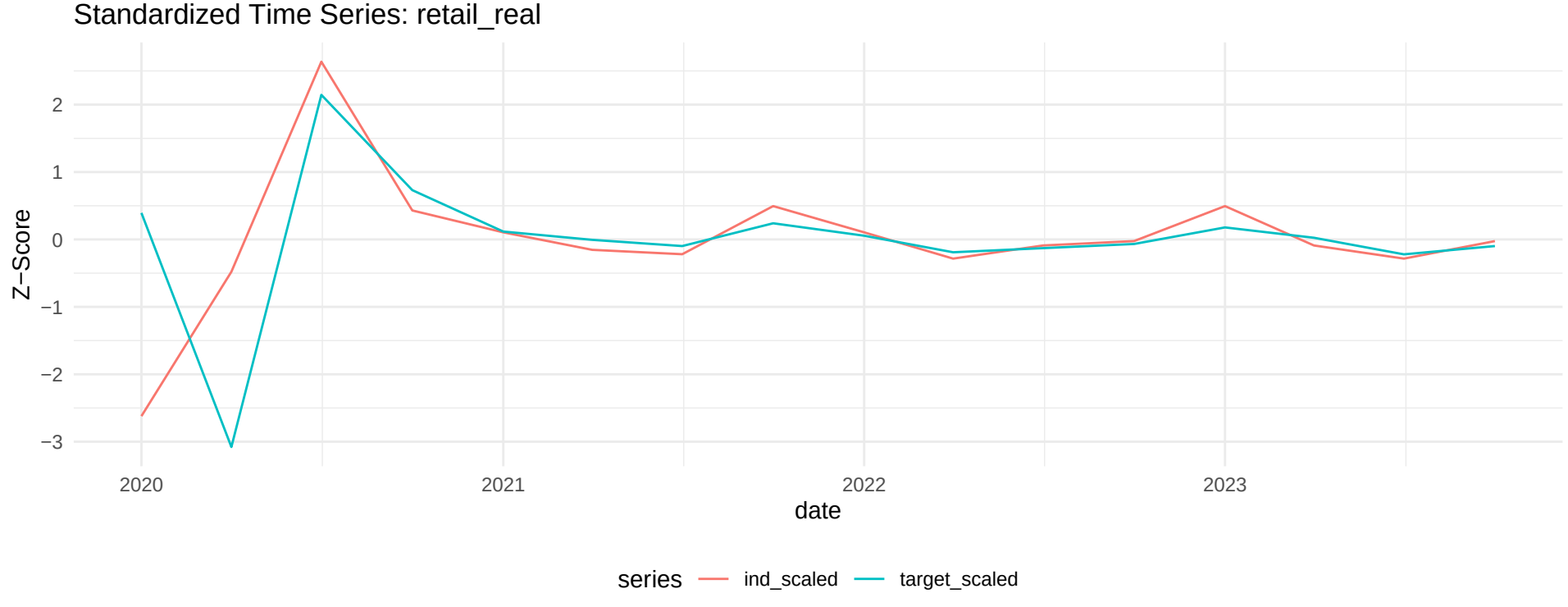
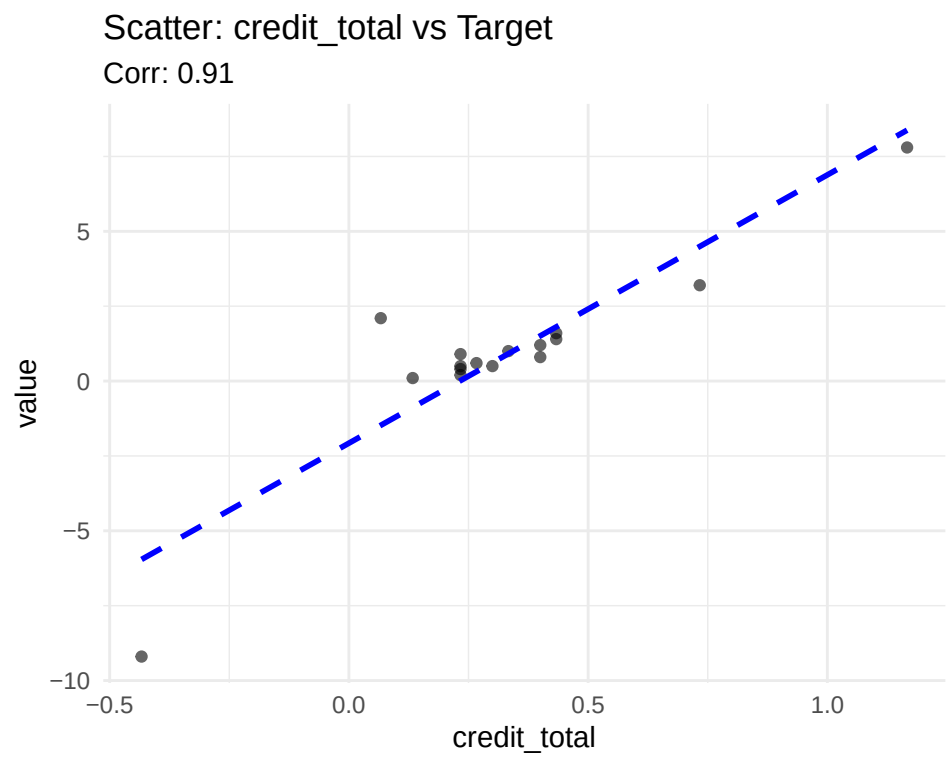

Top 20 Indicators Correlated with Target (Quarterly Aggregated)
credit_total
employment
retail_real
ipi_mfg
Indicator
0.00
0.25
0.50
0.75
Correlation
correlation
0.9
0.8
0.7
0.6
0.5
0.4

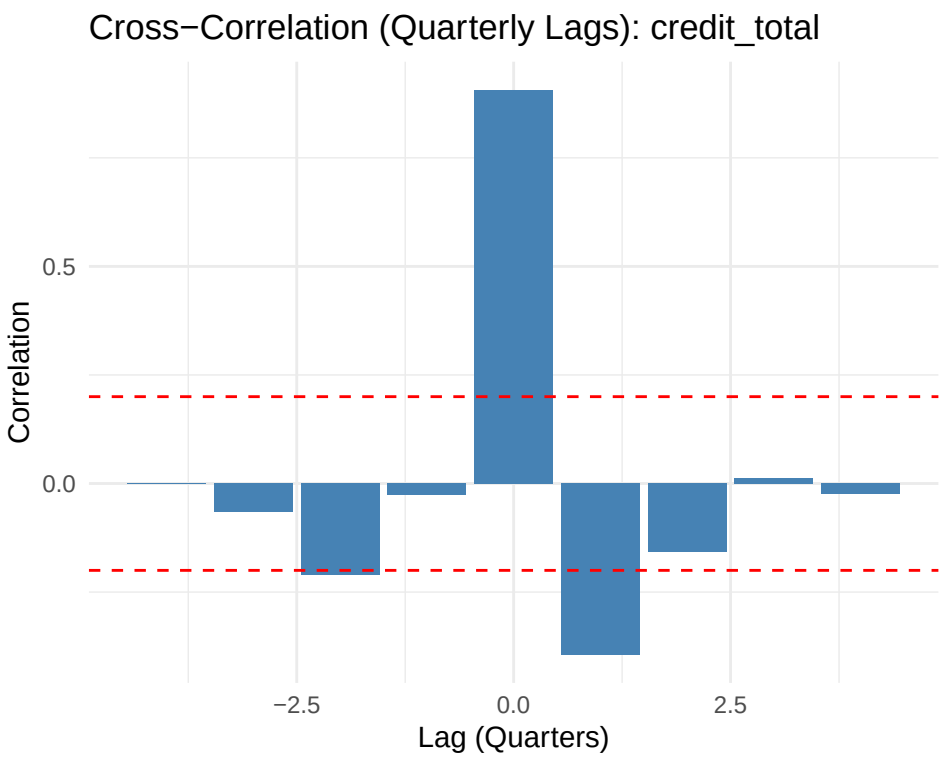

Scatter: ipi_mfg vs Target
Corr: 0.32
value
ipi_mfg
Cross−Correlation (Quarterly Lags): ipi_mfg
Correlation
Lag (Quarters)
Standardized Time Series: ipi_mfg
Z−Score
date
2020
2021
2022
2023
series
ind_scaled
target_scaled

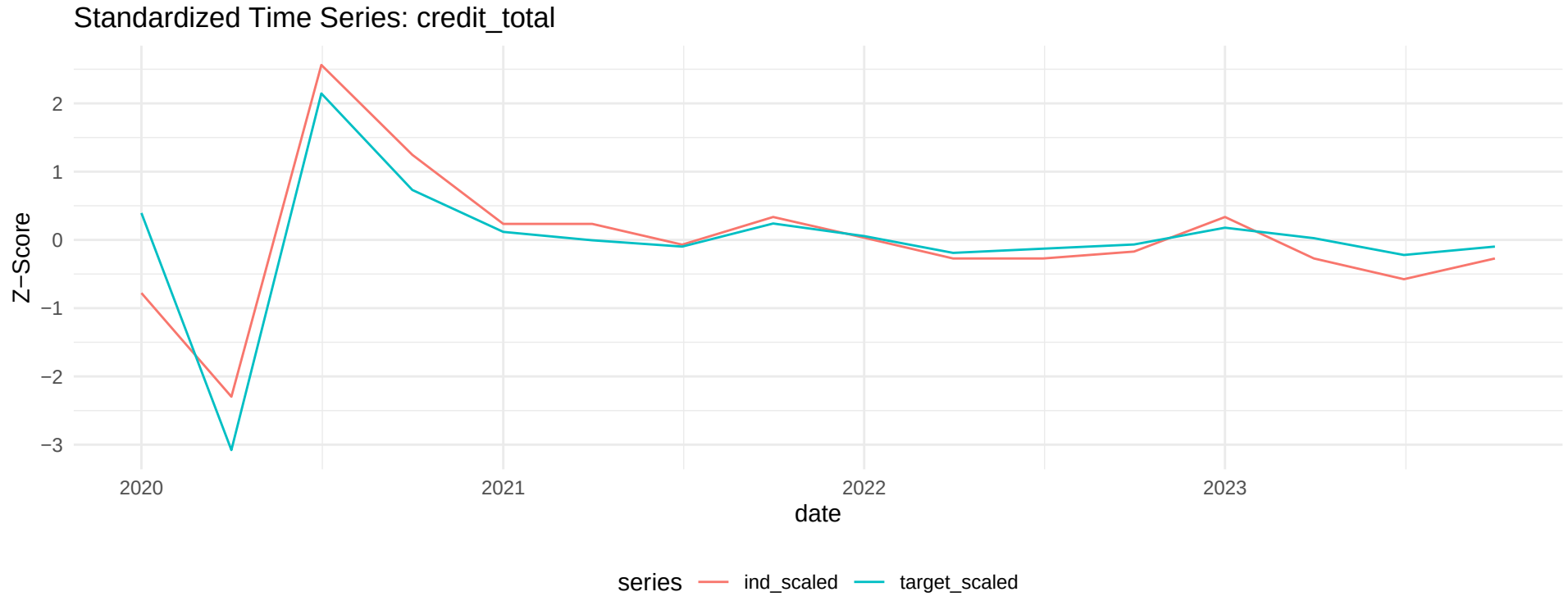

Scatter: retail_real vs Target
Corr: 0.45
value
retail_real
5
0
−5
−10
−1
0
1

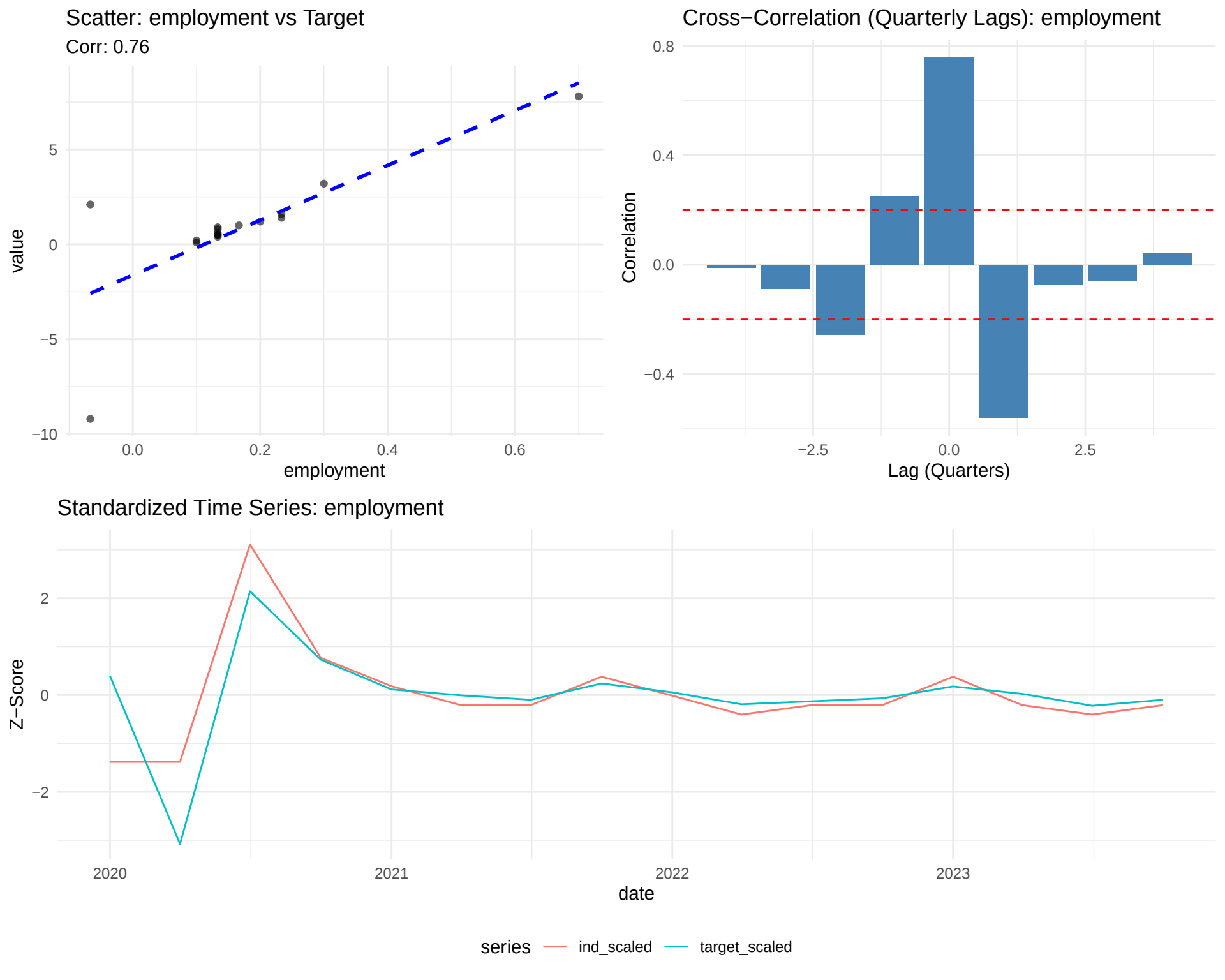

Cross−Correlation (Quarterly Lags): retail_real
Correlation
Lag (Quarters)
0.6
0.3
0.0
−0.3
−2.5
0.0
2.5


Standardized Time Series: retail_real
Z−Score
date
2
1
0
−1
−2
−3
2020
2021
2022
2023
series
ind_scaled
target_scaled


Scatter: credit_total vs Target
Corr: 0.91
value
credit_total
5
0
−5
−10
−0.5
0.0
0.5
1.0


Cross−Correlation (Quarterly Lags): credit_total
Correlation
Lag (Quarters)
0.5
0.0
−2.5
0.0
2.5


Standardized Time Series: credit_total
Z−Score
date
2
1
0
−1
−2
−3
2020
2021
2022
2023
series
ind_scaled
target_scaled


Scatter: employment vs Target
Corr: 0.76
value
employment
5
0
−5
−10
0.0
0.2
0.4
0.6
Cross−Correlation (Quarterly Lags): employment
Correlation
Lag (Quarters)
0.8
0.4
0.0
−0.4
−2.5
0.0
2.5
Standardized Time Series: employment
Z−Score
date
2
0
−2
2020
2021
2022
2023
series
ind_scaled
target_scaled