

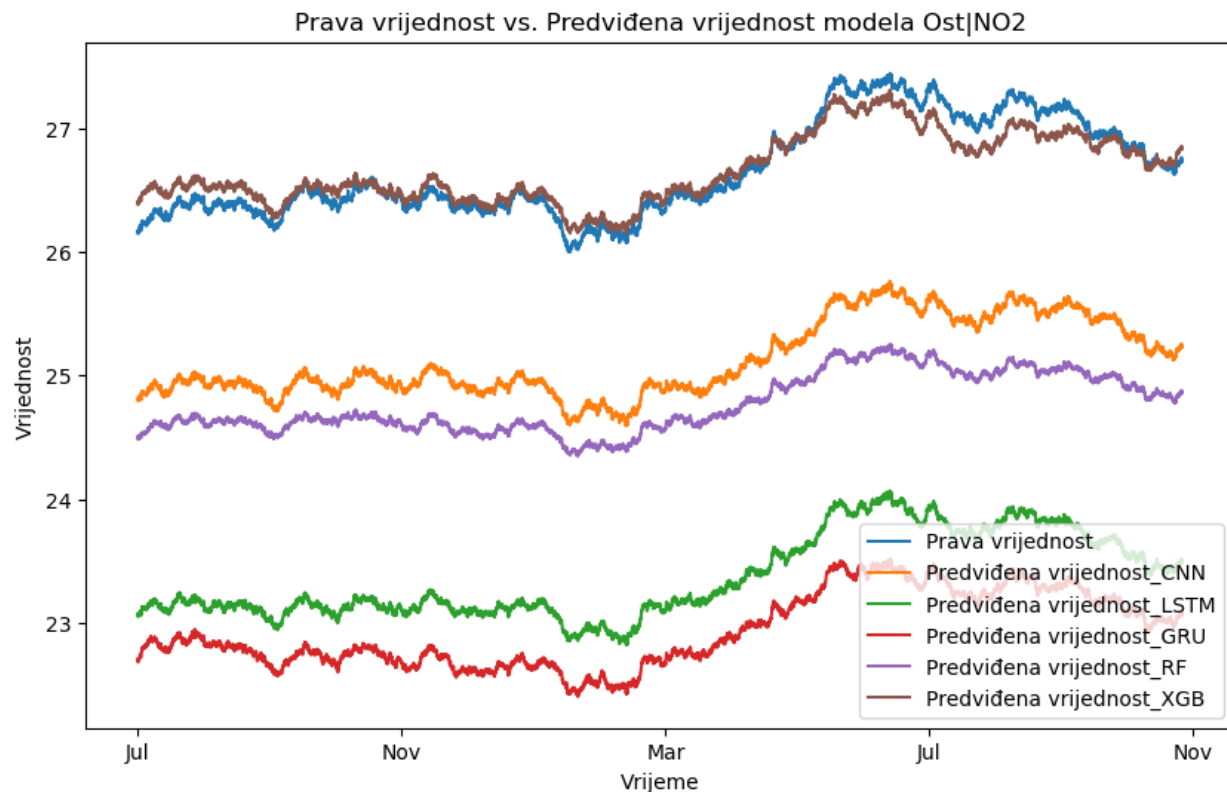
R-squared (R2) CNN Model Score for Ost|NO: 0.8909  
R-squared (R2) LSTM Model Score for Ost|NO: 0.8795  
R-squared (R2) GRU Model Score for Ost|NO: 0.7972  
R-squared (R2) RF Model Score for Ost|NO: 0.8046  
R-squared (R2) XGB Model Score for Ost|NO: 0.8402

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Mean Absolute Error (MAE) CNN Model Score for Ost|NO: 6.3504  
Mean Absolute Error (MAE) LSTM Model Score for Ost|NO: 6.7647  
Mean Absolute Error (MAE) GRU Model Score for Ost|NO: 8.5088  
Mean Absolute Error (MAE) RF Model Score for Ost|NO: 8.6977  
Mean Absolute Error (MAE) XGB Model Score for Ost|NO: 7.5519  
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MdAPE (Median Absolute Percentage Error) of Ost|NO for CNN: 42.4590  
MdAPE (Median Absolute Percentage Error) of Ost|NO for LSTM: 44.5184  
MdAPE (Median Absolute Percentage Error) of Ost|NO for GRU: 52.5056  
MdAPE (Median Absolute Percentage Error) of Ost|NO for RF: 55.9926  
MdAPE (Median Absolute Percentage Error) of Ost|NO for XGB: 44.0272

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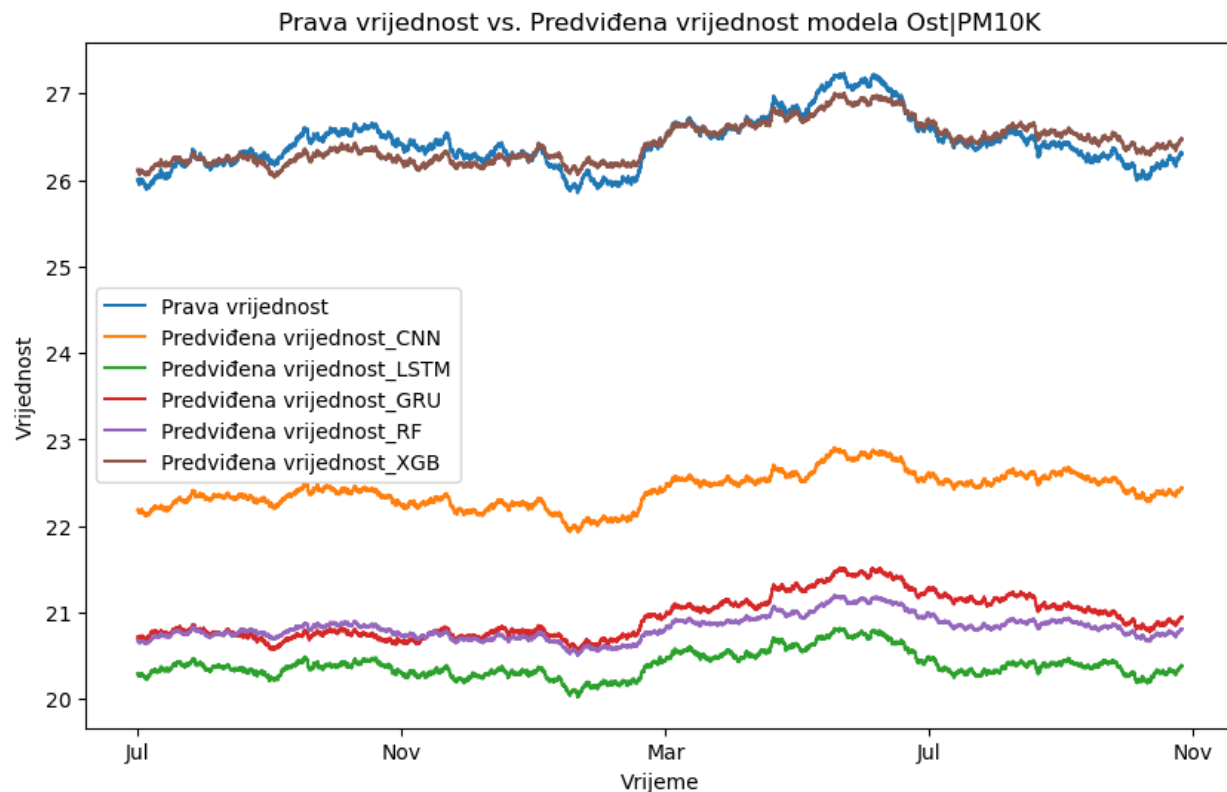
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R-squared (R2) CNN Model Score for Ost|NO2: 0.8955  
R-squared (R2) LSTM Model Score for Ost|NO2: 0.8369  
R-squared (R2) GRU Model Score for Ost|NO2: 0.7642  
R-squared (R2) RF Model Score for Ost|NO2: 0.7889  
R-squared (R2) XGB Model Score for Ost|NO2: 0.8518

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Mean Absolute Error (MAE) CNN Model Score for Ost|NO2: 3.7809  
Mean Absolute Error (MAE) LSTM Model Score for Ost|NO2: 4.9587  
Mean Absolute Error (MAE) GRU Model Score for Ost|NO2: 5.9504  
Mean Absolute Error (MAE) RF Model Score for Ost|NO2: 5.5309  
Mean Absolute Error (MAE) XGB Model Score for Ost|NO2: 4.7042  
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MdAPE (Median Absolute Percentage Error) of Ost|NO2 for CNN: 12.1543  
MdAPE (Median Absolute Percentage Error) of Ost|NO2 for LSTM: 17.0877  
MdAPE (Median Absolute Percentage Error) of Ost|NO2 for GRU: 20.9564  
MdAPE (Median Absolute Percentage Error) of Ost|NO2 for RF: 18.0283  
MdAPE (Median Absolute Percentage Error) of Ost|NO2 for XGB: 15.9164  
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R-squared (R2) CNN Model Score for Ost|PM10K: 0.7520

R-squared (R2) LSTM Model Score for Ost|PM10K: 0.6568

R-squared (R2) GRU Model Score for Ost|PM10K: 0.5710

R-squared (R2) RF Model Score for Ost|PM10K: 0.5676

R-squared (R2) XGB Model Score for Ost|PM10K: 0.8196

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Mean Absolute Error (MAE) CNN Model Score for Ost|PM10K: 6.1140

Mean Absolute Error (MAE) LSTM Model Score for Ost|PM10K: 7.4130

Mean Absolute Error (MAE) GRU Model Score for Ost|PM10K: 7.8873

Mean Absolute Error (MAE) RF Model Score for Ost|PM10K: 7.5058

Mean Absolute Error (MAE) XGB Model Score for Ost|PM10K: 5.2444

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MdAPE (Median Absolute Percentage Error) of Ost|PM10K for CNN: 19.7040

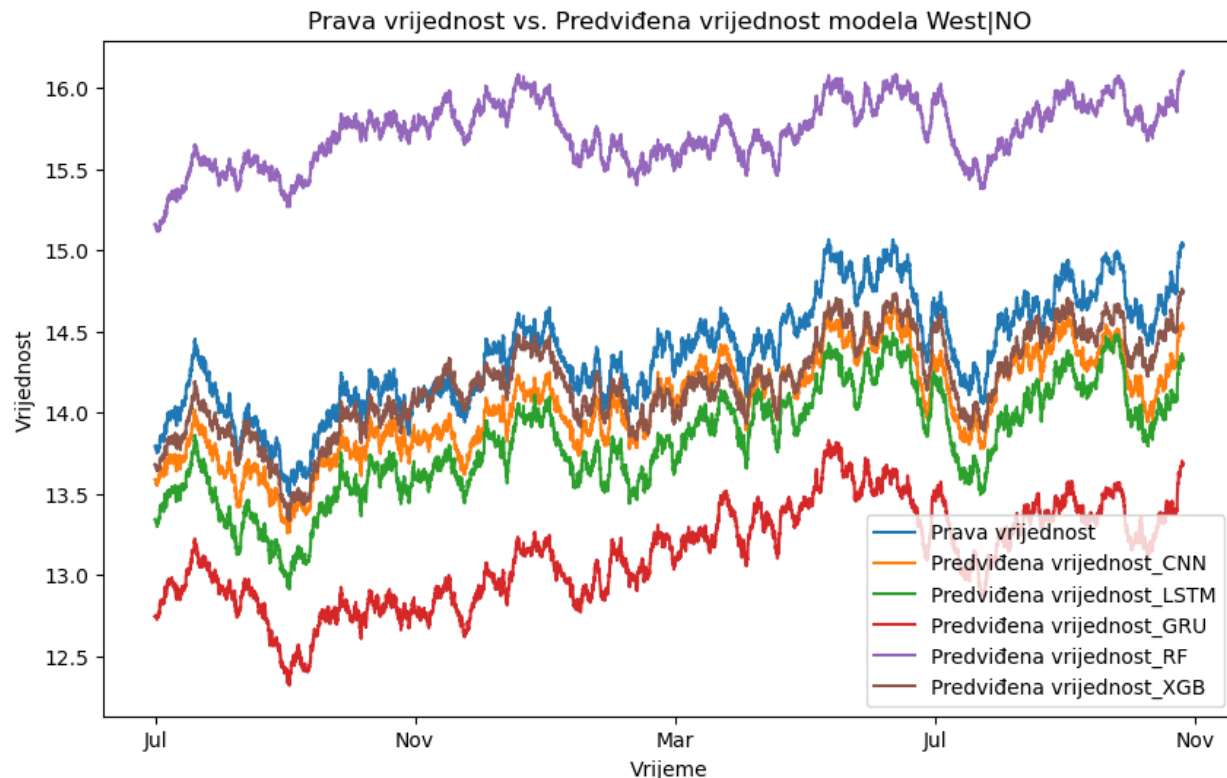
MdAPE (Median Absolute Percentage Error) of Ost|PM10K for LSTM: 24.8544

MdAPE (Median Absolute Percentage Error) of Ost|PM10K for GRU: 25.6321

MdAPE (Median Absolute Percentage Error) of Ost|PM10K for RF: 22.8814

MdAPE (Median Absolute Percentage Error) of Ost|PM10K for XGB: 16.6027

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R-squared (R2) CNN Model Score for West|NO: 0.9042

R-squared (R2) LSTM Model Score for West|NO: 0.8945

R-squared (R2) GRU Model Score for West|NO: 0.8192

R-squared (R2) RF Model Score for West|NO: 0.8029

R-squared (R2) XGB Model Score for West|NO: 0.8533

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Mean Absolute Error (MAE) CNN Model Score for West|NO: 4.5650

Mean Absolute Error (MAE) LSTM Model Score for West|NO: 4.7918

Mean Absolute Error (MAE) GRU Model Score for West|NO: 6.3629

Mean Absolute Error (MAE) RF Model Score for West|NO: 6.9558

Mean Absolute Error (MAE) XGB Model Score for West|NO: 5.6572

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MdAPE (Median Absolute Percentage Error) of West|NO for CNN: 66.7459

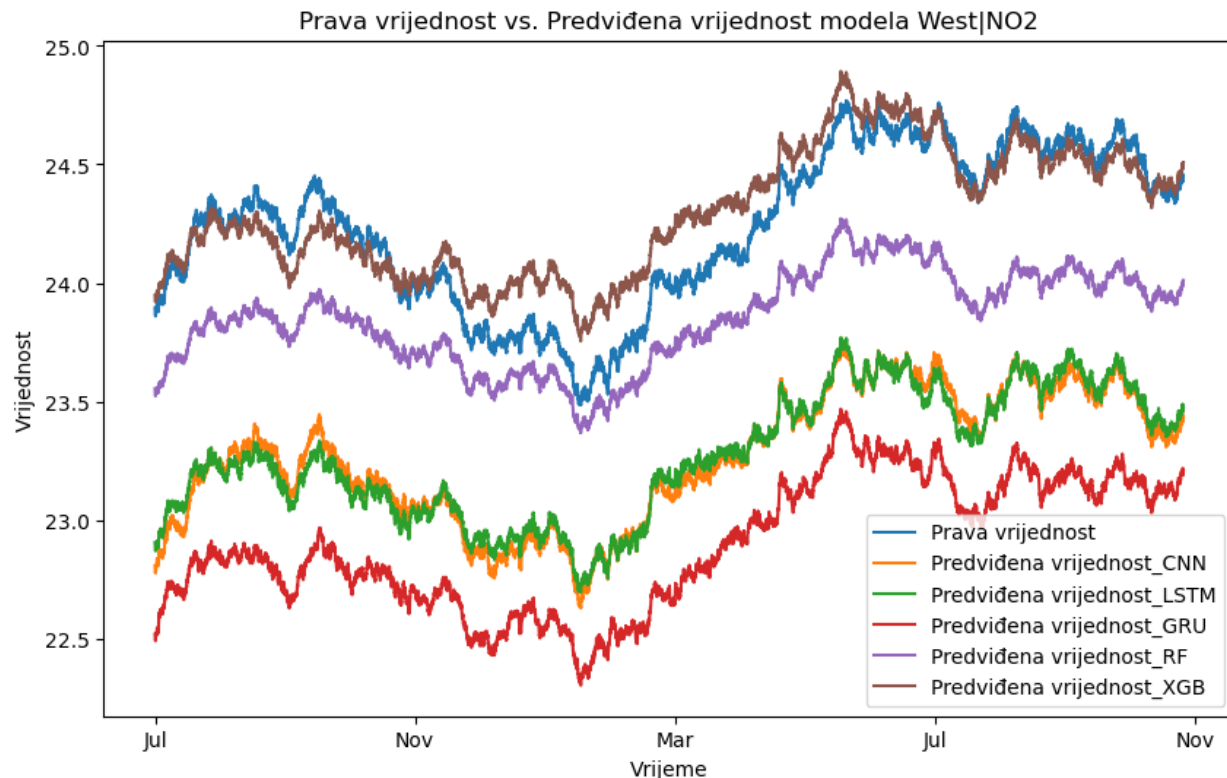
MdAPE (Median Absolute Percentage Error) of West|NO for LSTM: 68.8503

MdAPE (Median Absolute Percentage Error) of West|NO for GRU: 87.9662

MdAPE (Median Absolute Percentage Error) of West|NO for RF: 101.6780

MdAPE (Median Absolute Percentage Error) of West|NO for XGB: 69.3567

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R-squared (R2) CNN Model Score for West|NO2: 0.9163

R-squared (R2) LSTM Model Score for West|NO2: 0.8992

R-squared (R2) GRU Model Score for West|NO2: 0.8304

R-squared (R2) RF Model Score for West|NO2: 0.8364

R-squared (R2) XGB Model Score for West|NO2: 0.8563

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Mean Absolute Error (MAE) CNN Model Score for West|NO2: 3.1726

Mean Absolute Error (MAE) LSTM Model Score for West|NO2: 3.6065

Mean Absolute Error (MAE) GRU Model Score for West|NO2: 4.7864

Mean Absolute Error (MAE) RF Model Score for West|NO2: 4.7457

Mean Absolute Error (MAE) XGB Model Score for West|NO2: 4.4189

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MdAPE (Median Absolute Percentage Error) of West|NO2 for CNN: 11.3270

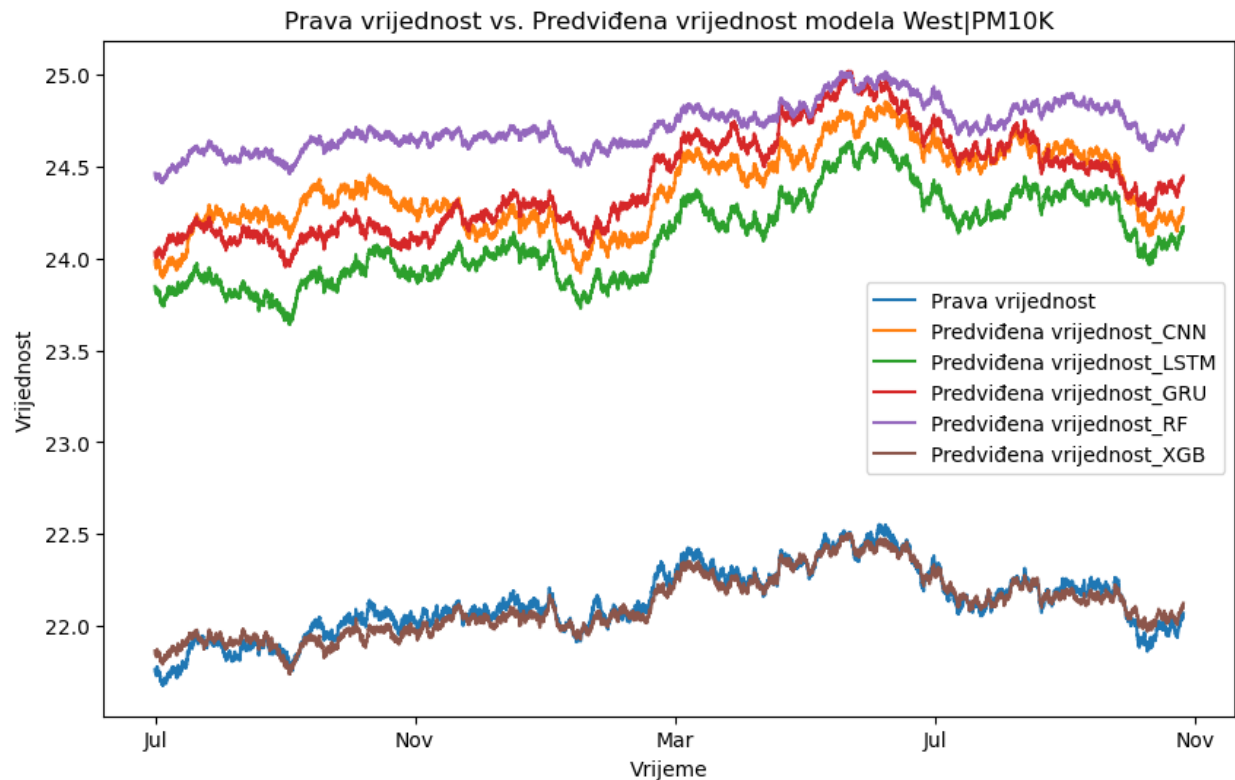
MdAPE (Median Absolute Percentage Error) of West|NO2 for LSTM: 13.3545

MdAPE (Median Absolute Percentage Error) of West|NO2 for GRU: 18.0605

MdAPE (Median Absolute Percentage Error) of West|NO2 for RF: 16.7426

MdAPE (Median Absolute Percentage Error) of West|NO2 for XGB: 16.1463

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R-squared (R2) CNN Model Score for West|PM10K: 0.8233  
 R-squared (R2) LSTM Model Score for West|PM10K: 0.8042  
 R-squared (R2) GRU Model Score for West|PM10K: 0.6797  
 R-squared (R2) RF Model Score for West|PM10K: 0.7543  
 R-squared (R2) XGB Model Score for West|PM10K: 0.8404

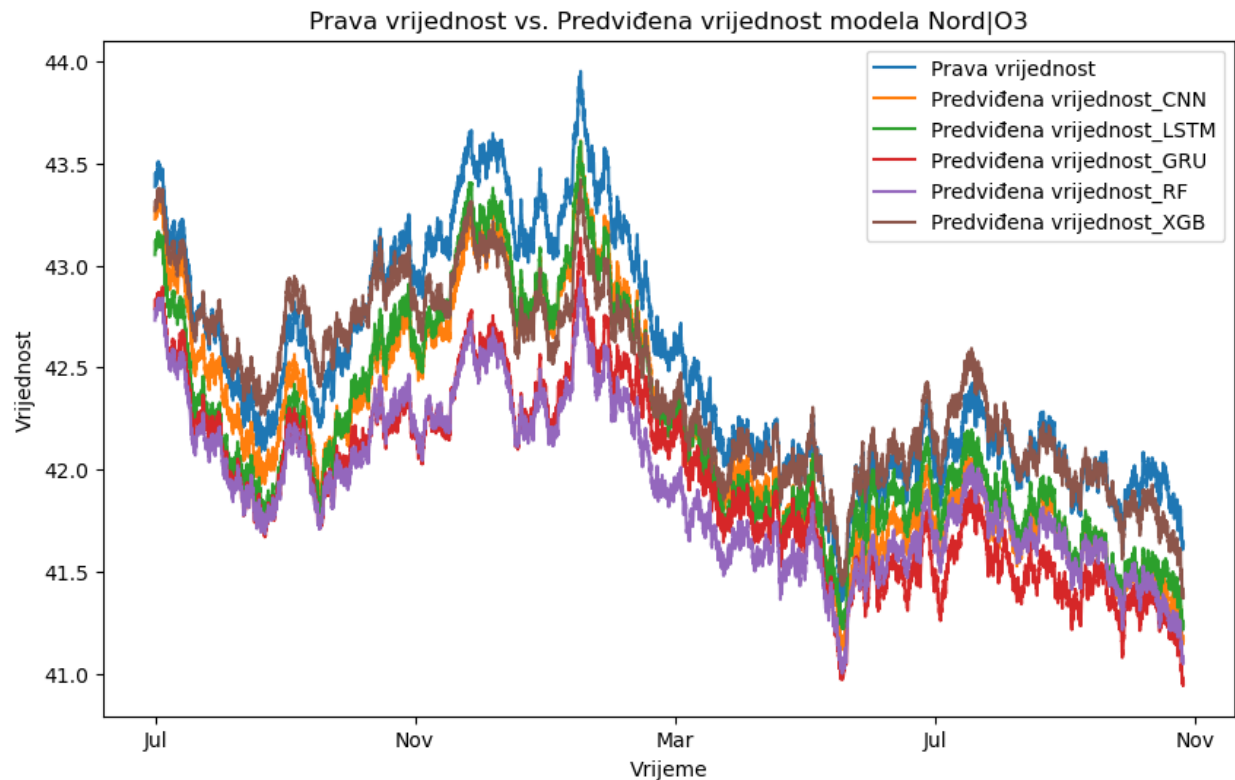
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Mean Absolute Error (MAE) CNN Model Score for West|PM10K: 4.4351  
 Mean Absolute Error (MAE) LSTM Model Score for West|PM10K: 4.7609  
 Mean Absolute Error (MAE) GRU Model Score for West|PM10K: 6.1269  
 Mean Absolute Error (MAE) RF Model Score for West|PM10K: 5.4433  
 Mean Absolute Error (MAE) XGB Model Score for West|PM10K: 4.1506

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MdAPE (Median Absolute Percentage Error) of West|PM10K for CNN: 17.5146  
 MdAPE (Median Absolute Percentage Error) of West|PM10K for LSTM: 19.1226  
 MdAPE (Median Absolute Percentage Error) of West|PM10K for GRU: 24.5704  
 MdAPE (Median Absolute Percentage Error) of West|PM10K for RF: 22.7217  
 MdAPE (Median Absolute Percentage Error) of West|PM10K for XGB: 16.4493

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R-squared (R2) CNN Model Score for Nord|O3: 0.9552

R-squared (R2) LSTM Model Score for Nord|O3: 0.9438

R-squared (R2) GRU Model Score for Nord|O3: 0.9020

R-squared (R2) RF Model Score for Nord|O3: 0.9309

R-squared (R2) XGB Model Score for Nord|O3: 0.9246

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Mean Absolute Error (MAE) CNN Model Score for Nord|O3: 4.8522

Mean Absolute Error (MAE) LSTM Model Score for Nord|O3: 5.7185

Mean Absolute Error (MAE) GRU Model Score for Nord|O3: 7.9236

Mean Absolute Error (MAE) RF Model Score for Nord|O3: 6.8599

Mean Absolute Error (MAE) XGB Model Score for Nord|O3: 6.8900

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MdAPE (Median Absolute Percentage Error) of Nord|O3 for CNN: 11.1930

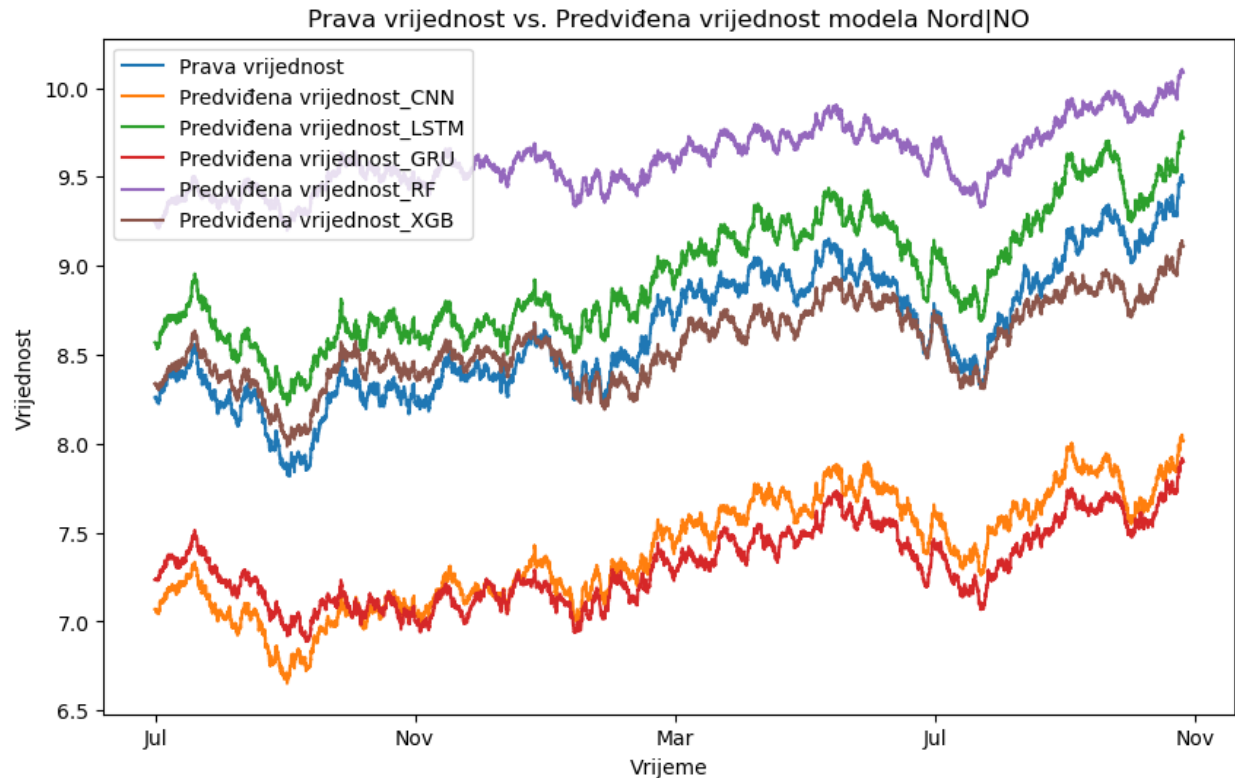
MdAPE (Median Absolute Percentage Error) of Nord|O3 for LSTM: 14.2786

MdAPE (Median Absolute Percentage Error) of Nord|O3 for GRU: 20.2148

MdAPE (Median Absolute Percentage Error) of Nord|O3 for RF: 15.9169

MdAPE (Median Absolute Percentage Error) of Nord|O3 for XGB: 17.3857

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R-squared (R2) CNN Model Score for Nord|NO: 0.8804

R-squared (R2) LSTM Model Score for Nord|NO: 0.8636

R-squared (R2) GRU Model Score for Nord|NO: 0.7510

R-squared (R2) RF Model Score for Nord|NO: 0.7690

R-squared (R2) XGB Model Score for Nord|NO: 0.8068

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Mean Absolute Error (MAE) CNN Model Score for Nord|NO: 3.4106

Mean Absolute Error (MAE) LSTM Model Score for Nord|NO: 3.5394

Mean Absolute Error (MAE) GRU Model Score for Nord|NO: 4.8898

Mean Absolute Error (MAE) RF Model Score for Nord|NO: 4.8598

Mean Absolute Error (MAE) XGB Model Score for Nord|NO: 4.1144  
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MdAPE (Median Absolute Percentage Error) of Nord|NO for CNN: 131.6271

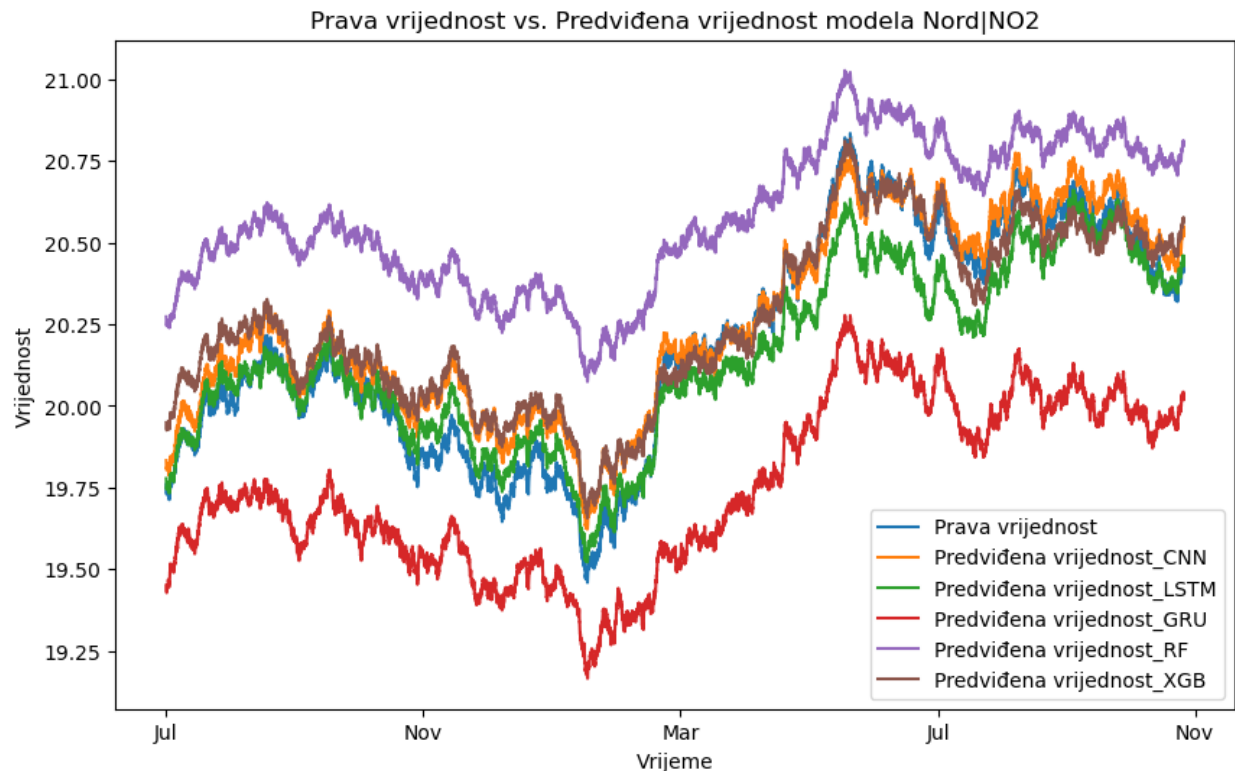
MdAPE (Median Absolute Percentage Error) of Nord|NO for LSTM: 89.5914

MdAPE (Median Absolute Percentage Error) of Nord|NO for GRU: 140.9976

MdAPE (Median Absolute Percentage Error) of Nord|NO for RF: 190.9933

MdAPE (Median Absolute Percentage Error) of Nord|NO for XGB: 111.4081  
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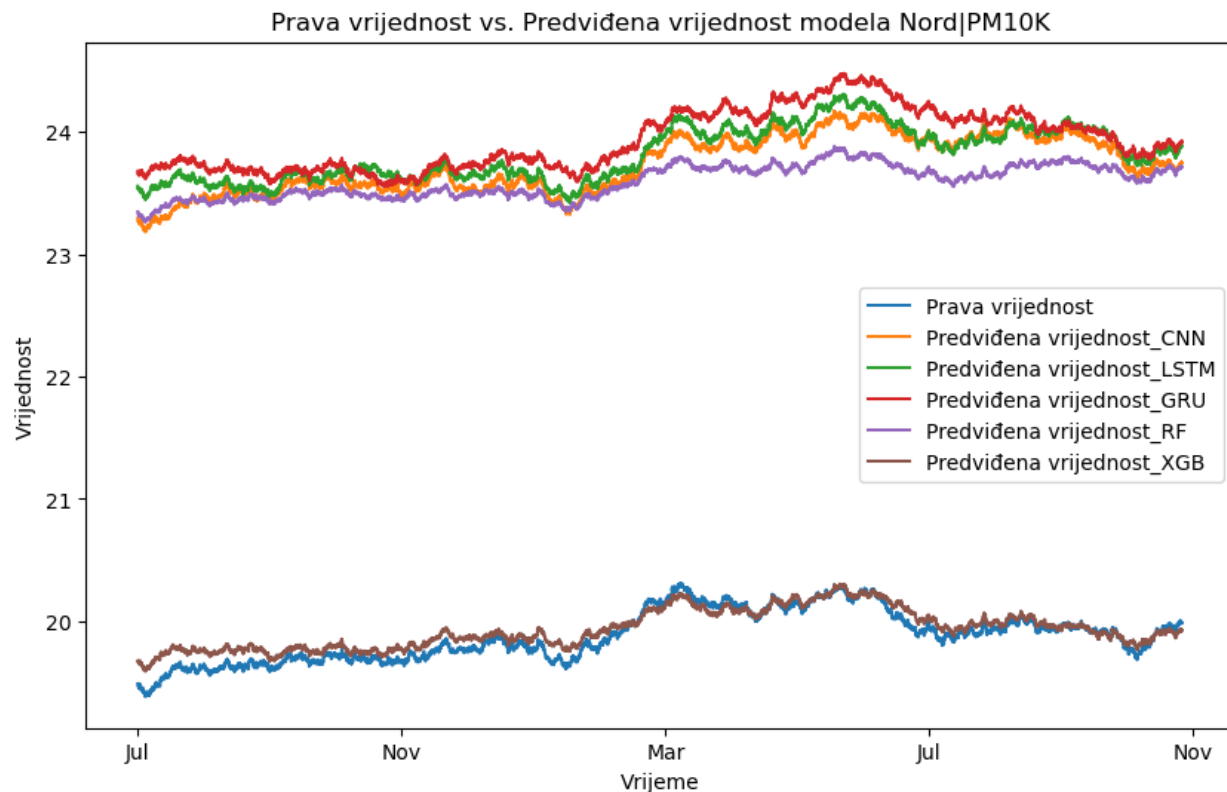




R-squared (R2) CNN Model Score for Nord|NO2: 0.9215  
 R-squared (R2) LSTM Model Score for Nord|NO2: 0.8952  
 R-squared (R2) GRU Model Score for Nord|NO2: 0.8236  
 R-squared (R2) RF Model Score for Nord|NO2: 0.8432  
 R-squared (R2) XGB Model Score for Nord|NO2: 0.8401

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 Mean Absolute Error (MAE) CNN Model Score for Nord|NO2: 2.6809  
 Mean Absolute Error (MAE) LSTM Model Score for Nord|NO2: 3.3016  
 Mean Absolute Error (MAE) GRU Model Score for Nord|NO2: 4.3934  
 Mean Absolute Error (MAE) RF Model Score for Nord|NO2: 4.1936  
 Mean Absolute Error (MAE) XGB Model Score for Nord|NO2: 4.1650

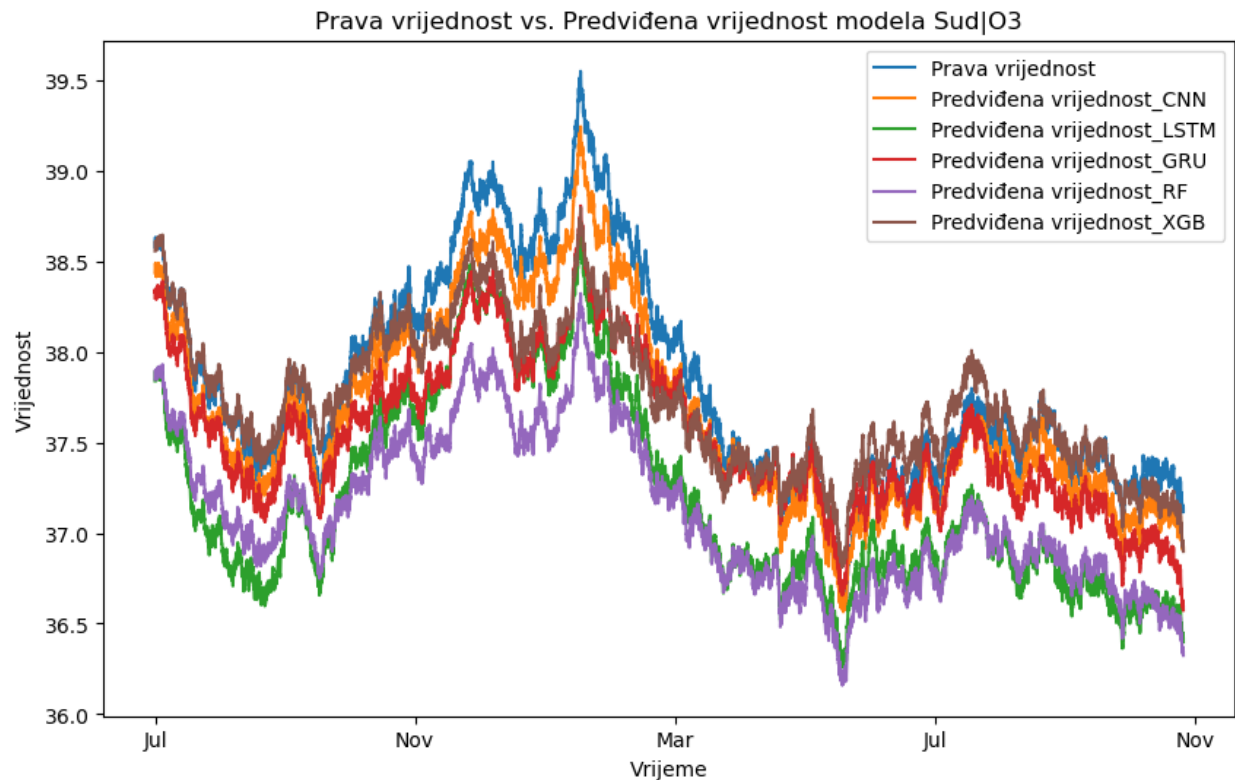
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 MdAPE (Median Absolute Percentage Error) of Nord|NO2 for CNN: 11.6481  
 MdAPE (Median Absolute Percentage Error) of Nord|NO2 for LSTM: 15.2418  
 MdAPE (Median Absolute Percentage Error) of Nord|NO2 for GRU: 20.9320  
 MdAPE (Median Absolute Percentage Error) of Nord|NO2 for RF: 19.1750  
 MdAPE (Median Absolute Percentage Error) of Nord|NO2 for XGB: 19.1743  
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R-squared (R2) CNN Model Score for Nord|PM10K: 0.7181  
 R-squared (R2) LSTM Model Score for Nord|PM10K: 0.6728  
 R-squared (R2) GRU Model Score for Nord|PM10K: 0.5557  
 R-squared (R2) RF Model Score for Nord|PM10K: 0.7040  
 R-squared (R2) XGB Model Score for Nord|PM10K: 0.8394

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 Mean Absolute Error (MAE) CNN Model Score for Nord|PM10K: 5.1702  
 Mean Absolute Error (MAE) LSTM Model Score for Nord|PM10K: 5.5339  
 Mean Absolute Error (MAE) GRU Model Score for Nord|PM10K: 6.4661  
 Mean Absolute Error (MAE) RF Model Score for Nord|PM10K: 5.4895  
 Mean Absolute Error (MAE) XGB Model Score for Nord|PM10K: 3.6322

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 MdAPE (Median Absolute Percentage Error) of Nord|PM10K for CNN: 23.8961  
 MdAPE (Median Absolute Percentage Error) of Nord|PM10K for LSTM: 25.0385  
 MdAPE (Median Absolute Percentage Error) of Nord|PM10K for GRU: 28.9979  
 MdAPE (Median Absolute Percentage Error) of Nord|PM10K for RF: 28.2149  
 MdAPE (Median Absolute Percentage Error) of Nord|PM10K for XGB: 15.5737  
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R-squared (R2) CNN Model Score for Sud|O3: 0.9592

R-squared (R2) LSTM Model Score for Sud|O3: 0.9492

R-squared (R2) GRU Model Score for Sud|O3: 0.9157

R-squared (R2) RF Model Score for Sud|O3: 0.9380

R-squared (R2) XGB Model Score for Sud|O3: 0.9308

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Mean Absolute Error (MAE) CNN Model Score for Sud|O3: 4.6078

Mean Absolute Error (MAE) LSTM Model Score for Sud|O3: 5.3876

Mean Absolute Error (MAE) GRU Model Score for Sud|O3: 7.2677

Mean Absolute Error (MAE) RF Model Score for Sud|O3: 6.5522

Mean Absolute Error (MAE) XGB Model Score for Sud|O3: 6.5795

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MdAPE (Median Absolute Percentage Error) of Sud|O3 for CNN: 14.1608

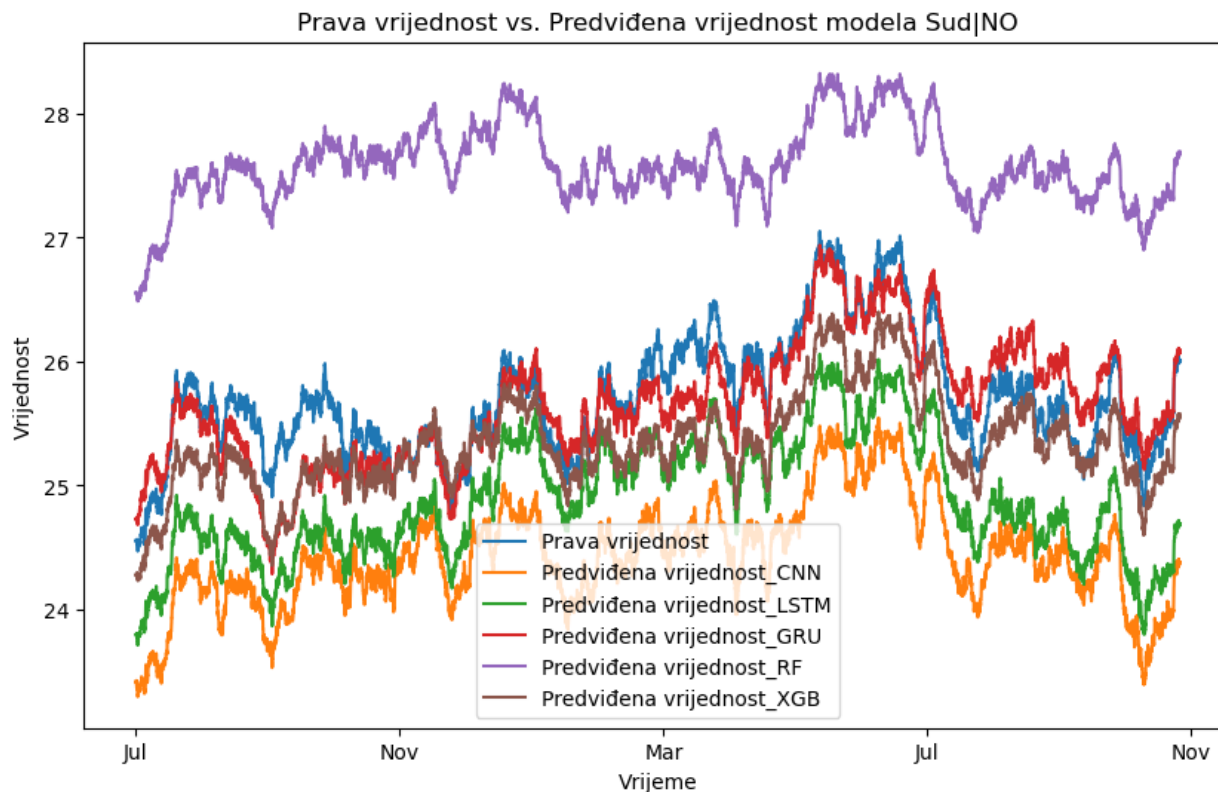
MdAPE (Median Absolute Percentage Error) of Sud|O3 for LSTM: 17.3731

MdAPE (Median Absolute Percentage Error) of Sud|O3 for GRU: 24.0798

MdAPE (Median Absolute Percentage Error) of Sud|O3 for RF: 21.1739

MdAPE (Median Absolute Percentage Error) of Sud|O3 for XGB: 22.1157

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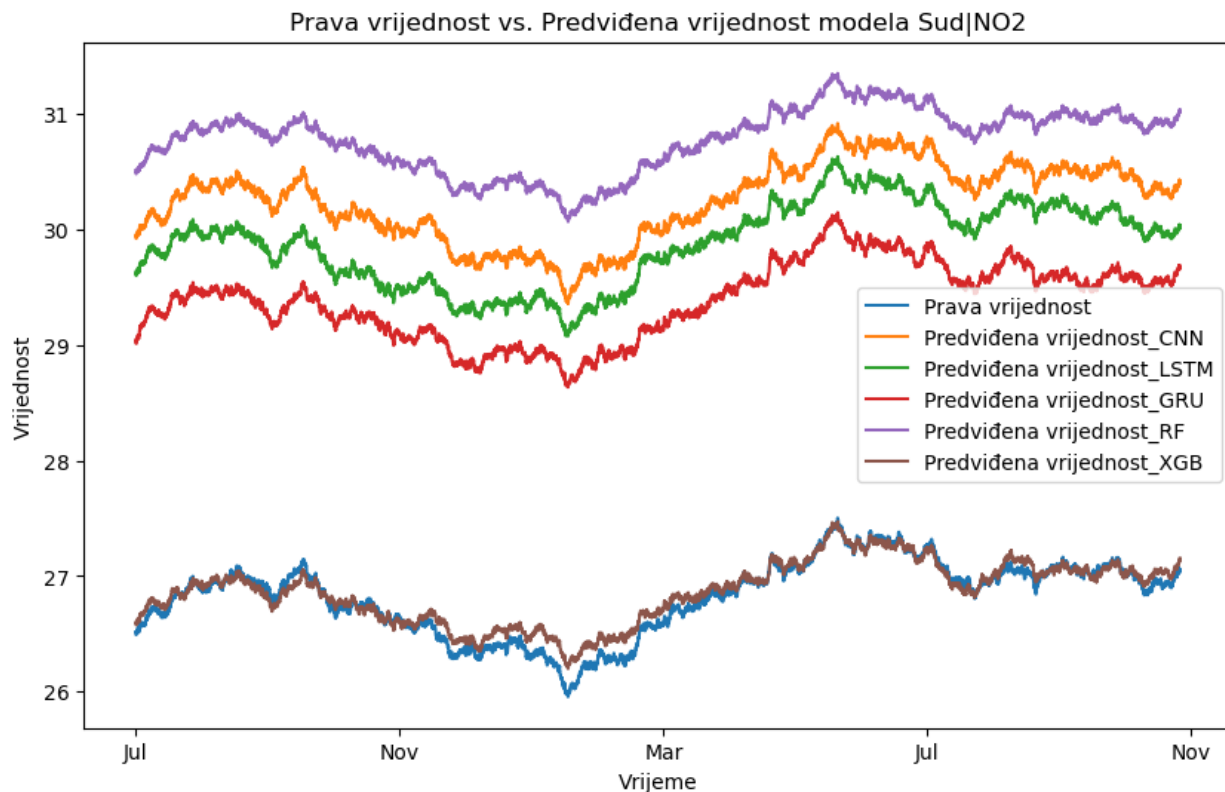


R-squared (R2) CNN Model Score for Sud|NO: 0.9154  
R-squared (R2) LSTM Model Score for Sud|NO: 0.8976  
R-squared (R2) GRU Model Score for Sud|NO: 0.8262  
R-squared (R2) RF Model Score for Sud|NO: 0.8117  
R-squared (R2) XGB Model Score for Sud|NO: 0.8487

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Mean Absolute Error (MAE) CNN Model Score for Sud|NO: 7.1934  
Mean Absolute Error (MAE) LSTM Model Score for Sud|NO: 7.8801  
Mean Absolute Error (MAE) GRU Model Score for Sud|NO: 10.7857  
Mean Absolute Error (MAE) RF Model Score for Sud|NO: 11.6484  
Mean Absolute Error (MAE) XGB Model Score for Sud|NO: 9.8564

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MdAPE (Median Absolute Percentage Error) of Sud|NO for CNN: 58.2515  
MdAPE (Median Absolute Percentage Error) of Sud|NO for LSTM: 47.6496  
MdAPE (Median Absolute Percentage Error) of Sud|NO for GRU: 66.8713  
MdAPE (Median Absolute Percentage Error) of Sud|NO for RF: 70.6231  
MdAPE (Median Absolute Percentage Error) of Sud|NO for XGB: 51.1292

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R-squared (R2) CNN Model Score for Sud|NO2: 0.8718

R-squared (R2) LSTM Model Score for Sud|NO2: 0.8612

R-squared (R2) GRU Model Score for Sud|NO2: 0.8174

R-squared (R2) RF Model Score for Sud|NO2: 0.8234

R-squared (R2) XGB Model Score for Sud|NO2: 0.8573

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Mean Absolute Error (MAE) CNN Model Score for Sud|NO2: 4.6315

Mean Absolute Error (MAE) LSTM Model Score for Sud|NO2: 4.8061

Mean Absolute Error (MAE) GRU Model Score for Sud|NO2: 5.5526

Mean Absolute Error (MAE) RF Model Score for Sud|NO2: 5.7487

Mean Absolute Error (MAE) XGB Model Score for Sud|NO2: 4.7779

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MdAPE (Median Absolute Percentage Error) of Sud|NO2 for CNN: 16.0952

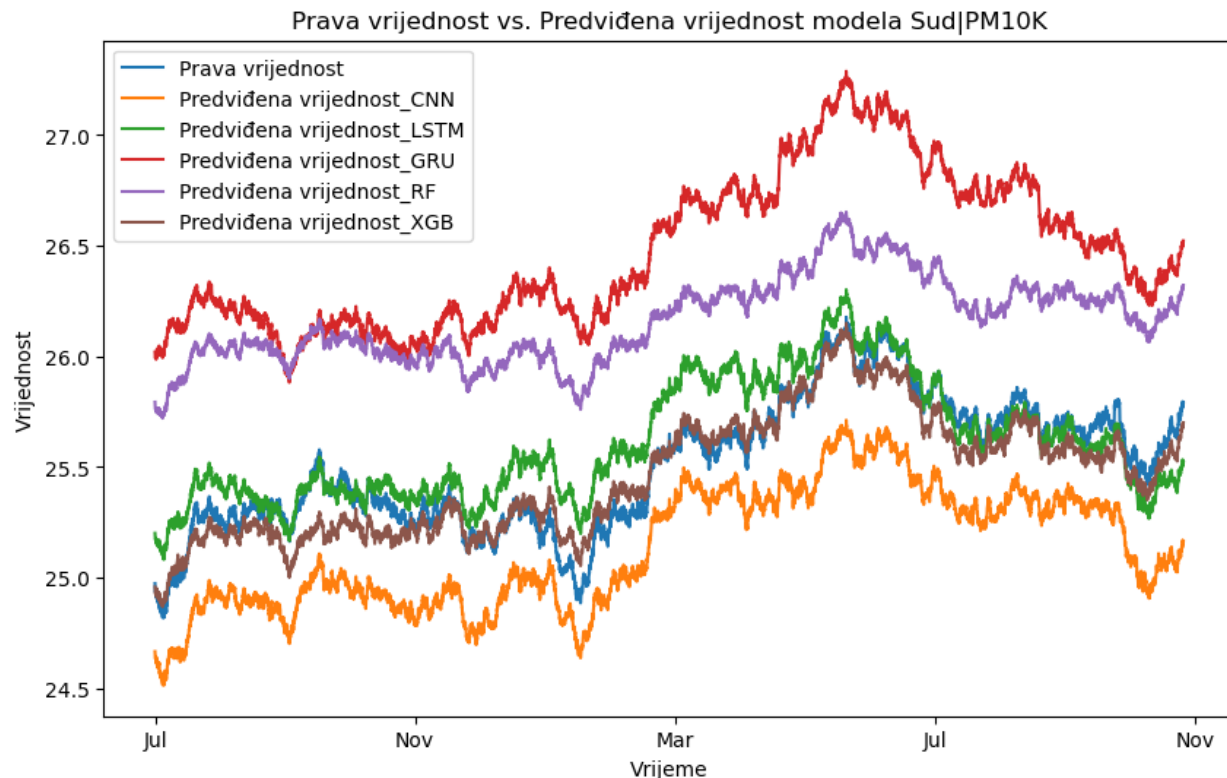
MdAPE (Median Absolute Percentage Error) of Sud|NO2 for LSTM: 16.6809

MdAPE (Median Absolute Percentage Error) of Sud|NO2 for GRU: 18.8606

MdAPE (Median Absolute Percentage Error) of Sud|NO2 for RF: 21.2219

MdAPE (Median Absolute Percentage Error) of Sud|NO2 for XGB: 15.7730

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R-squared (R2) CNN Model Score for Sud|PM10K: 0.8669

R-squared (R2) LSTM Model Score for Sud|PM10K: 0.8538

R-squared (R2) GRU Model Score for Sud|PM10K: 0.7566

R-squared (R2) RF Model Score for Sud|PM10K: 0.7829

R-squared (R2) XGB Model Score for Sud|PM10K: 0.8429

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Mean Absolute Error (MAE) CNN Model Score for Sud|PM10K: 4.4756

Mean Absolute Error (MAE) LSTM Model Score for Sud|PM10K: 4.9295

Mean Absolute Error (MAE) GRU Model Score for Sud|PM10K: 6.5242

Mean Absolute Error (MAE) RF Model Score for Sud|PM10K: 5.9212

Mean Absolute Error (MAE) XGB Model Score for Sud|PM10K: 5.0994  
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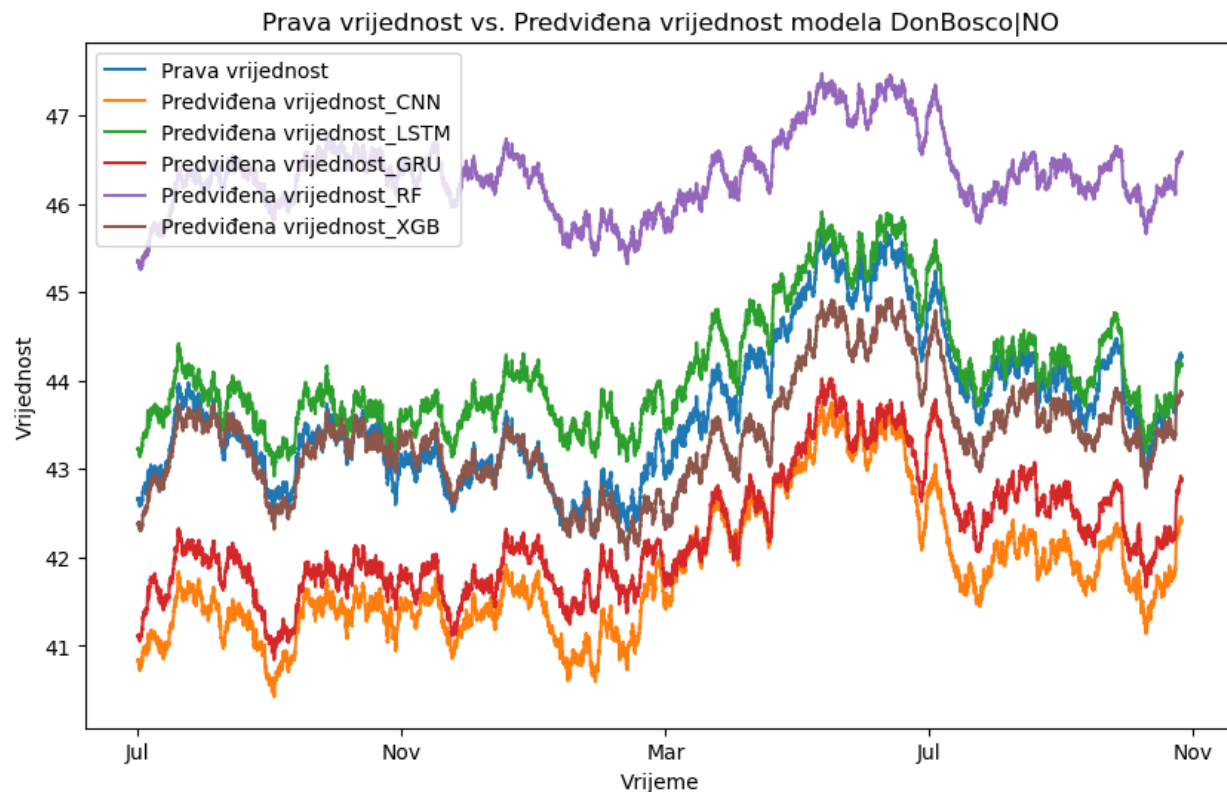
MdAPE (Median Absolute Percentage Error) of Sud|PM10K for CNN: 14.9383

MdAPE (Median Absolute Percentage Error) of Sud|PM10K for LSTM: 17.2619

MdAPE (Median Absolute Percentage Error) of Sud|PM10K for GRU: 22.5351

MdAPE (Median Absolute Percentage Error) of Sud|PM10K for RF: 19.5753

MdAPE (Median Absolute Percentage Error) of Sud|PM10K for XGB: 17.1089  
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R-squared (R2) CNN Model Score for DonBosco|NO: 0.9091

R-squared (R2) LSTM Model Score for DonBosco|NO: 0.9009

R-squared (R2) GRU Model Score for DonBosco|NO: 0.8433

R-squared (R2) RF Model Score for DonBosco|NO: 0.8218

R-squared (R2) XGB Model Score for DonBosco|NO: 0.8570

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Mean Absolute Error (MAE) CNN Model Score for DonBosco|NO: 10.6392

Mean Absolute Error (MAE) LSTM Model Score for DonBosco|NO: 11.1807

Mean Absolute Error (MAE) GRU Model Score for DonBosco|NO: 13.9924

Mean Absolute Error (MAE) RF Model Score for DonBosco|NO: 14.9188

Mean Absolute Error (MAE) XGB Model Score for DonBosco|NO: 13.0126

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MdAPE (Median Absolute Percentage Error) of DonBosco|NO for CNN: 29.5201

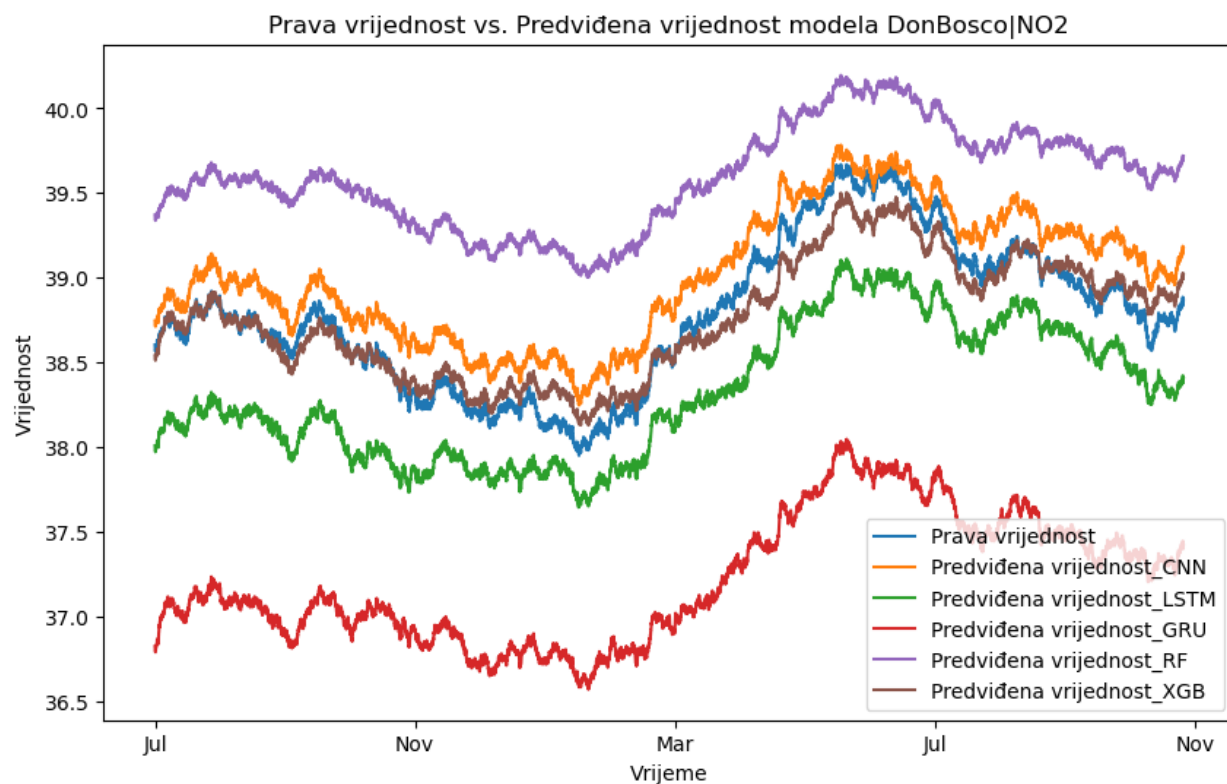
MdAPE (Median Absolute Percentage Error) of DonBosco|NO for LSTM: 29.0986

MdAPE (Median Absolute Percentage Error) of DonBosco|NO for GRU: 36.0391

MdAPE (Median Absolute Percentage Error) of DonBosco|NO for RF: 33.1527

MdAPE (Median Absolute Percentage Error) of DonBosco|NO for XGB: 30.6582

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R-squared (R2) CNN Model Score for DonBosco|NO2: 0.9062

R-squared (R2) LSTM Model Score for DonBosco|NO2: 0.8787

R-squared (R2) GRU Model Score for DonBosco|NO2: 0.8059

R-squared (R2) RF Model Score for DonBosco|NO2: 0.8165

R-squared (R2) XGB Model Score for DonBosco|NO2: 0.8419

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Mean Absolute Error (MAE) CNN Model Score for DonBosco|NO2: 4.0636

Mean Absolute Error (MAE) LSTM Model Score for DonBosco|NO2: 4.8130

Mean Absolute Error (MAE) GRU Model Score for DonBosco|NO2: 6.2195

Mean Absolute Error (MAE) RF Model Score for DonBosco|NO2: 6.1043

Mean Absolute Error (MAE) XGB Model Score for DonBosco|NO2: 5.5701

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MdAPE (Median Absolute Percentage Error) of DonBosco|NO2 for CNN: 8.5027

MdAPE (Median Absolute Percentage Error) of DonBosco|NO2 for LSTM: 10.5440

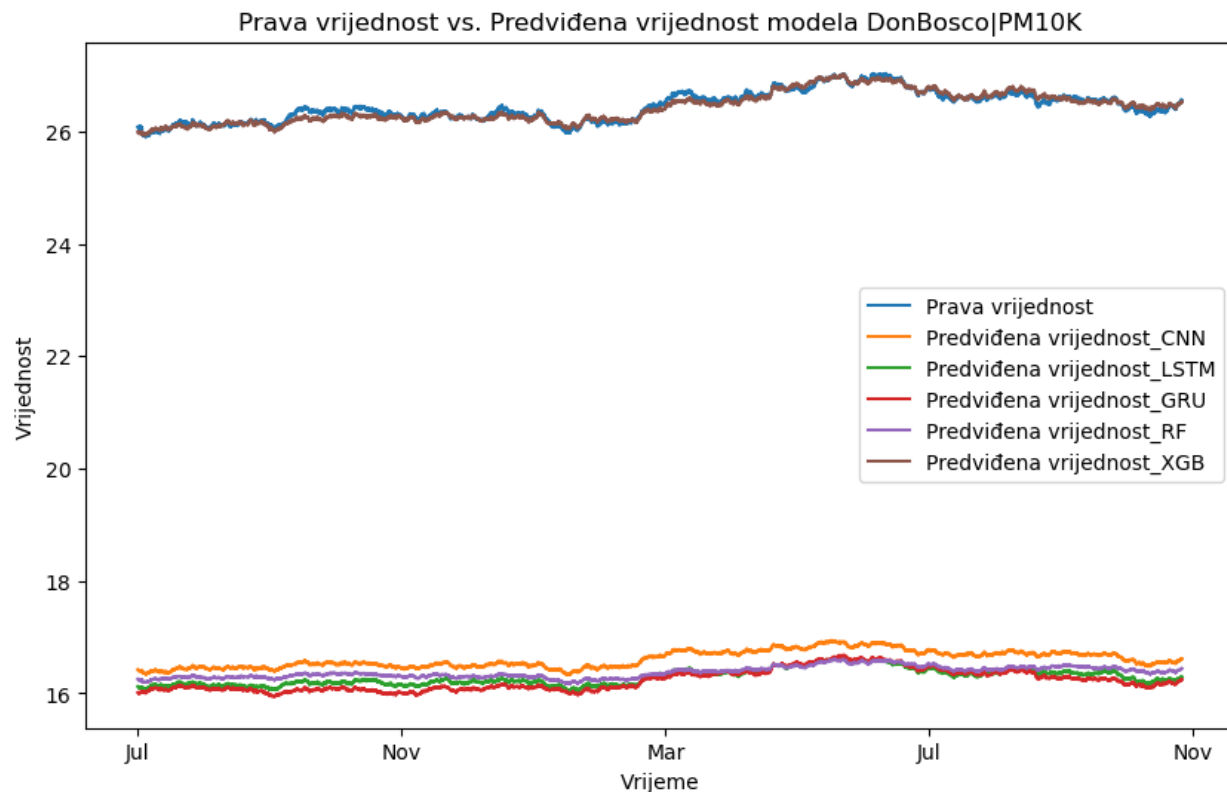
MdAPE (Median Absolute Percentage Error) of DonBosco|NO2 for GRU: 14.1749

MdAPE (Median Absolute Percentage Error) of DonBosco|NO2 for RF: 12.7724

MdAPE (Median Absolute Percentage Error) of DonBosco|NO2 for XGB: 12.3697

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R-squared (R2) CNN Model Score for DonBosco|PM10K: 0.3450

R-squared (R2) LSTM Model Score for DonBosco|PM10K: 0.3215

R-squared (R2) GRU Model Score for DonBosco|PM10K: 0.2382

R-squared (R2) RF Model Score for DonBosco|PM10K: 0.2126

R-squared (R2) XGB Model Score for DonBosco|PM10K: 0.8109

Mean Absolute Error (MAE) CNN Model Score for DonBosco|PM10K: 10.2556

Mean Absolute Error (MAE) LSTM Model Score for DonBosco|PM10K: 10.5593

Mean Absolute Error (MAE) GRU Model Score for DonBosco|PM10K: 10.8822

Mean Absolute Error (MAE) RF Model Score for DonBosco|PM10K: 10.6778

Mean Absolute Error (MAE) XGB Model Score for DonBosco|PM10K: 5.0469

MdAPE (Median Absolute Percentage Error) of DonBosco|PM10K for CNN: 36.3900

MdAPE (Median Absolute Percentage Error) of DonBosco|PM10K for LSTM: 38.1057

MdAPE (Median Absolute Percentage Error) of DonBosco|PM10K for GRU: 38.6082

MdAPE (Median Absolute Percentage Error) of DonBosco|PM10K for RF: 36.1574

MdAPE (Median Absolute Percentage Error) of DonBosco|PM10K for XGB: 16.2331