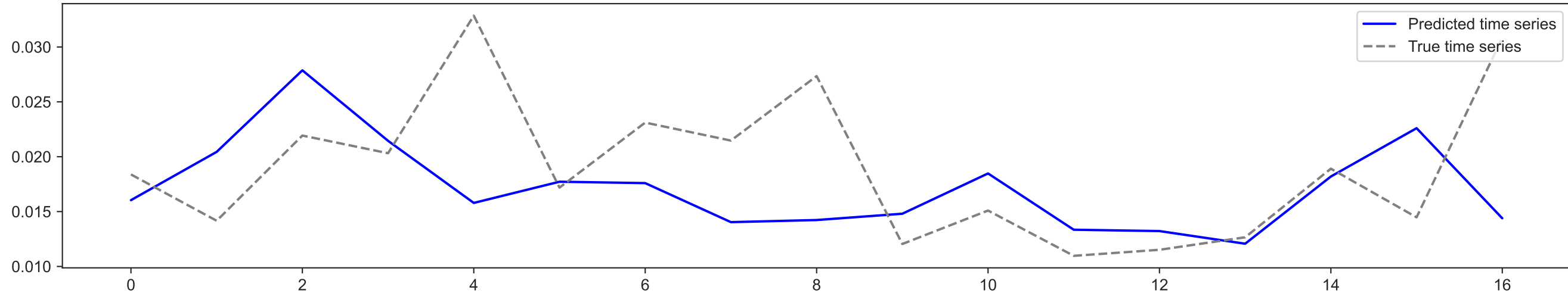
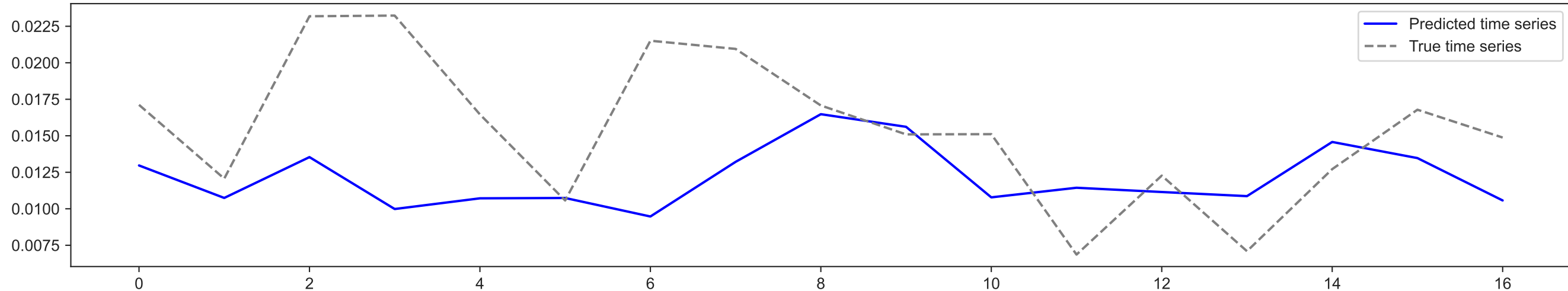


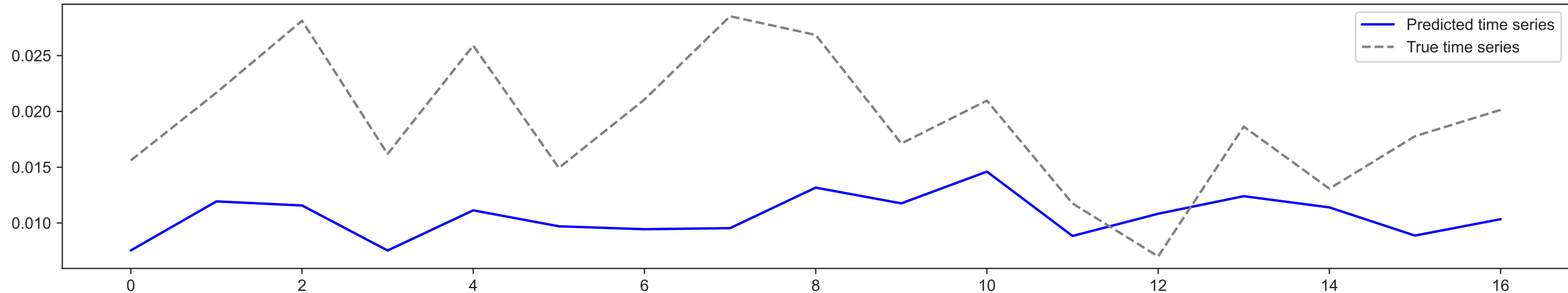
EPAM, RMSE =0.007653020980487059



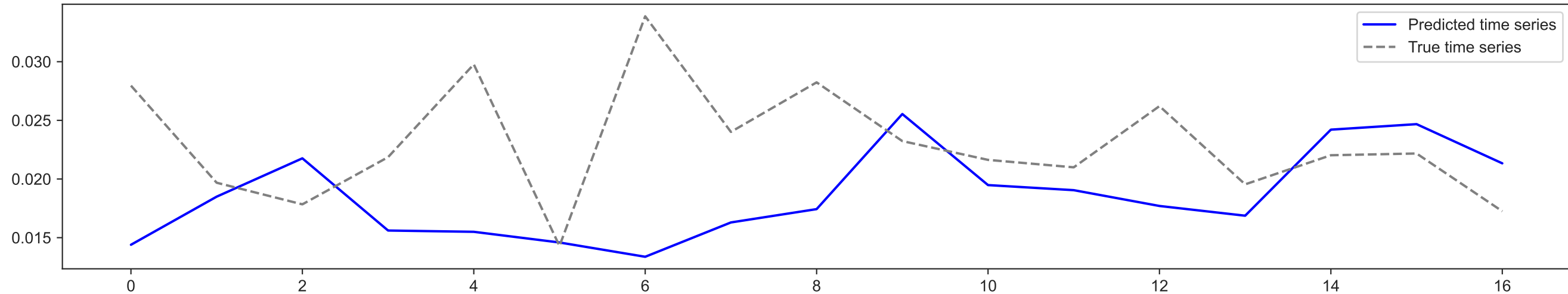
GOOG, RMSE =0.006010905832952832



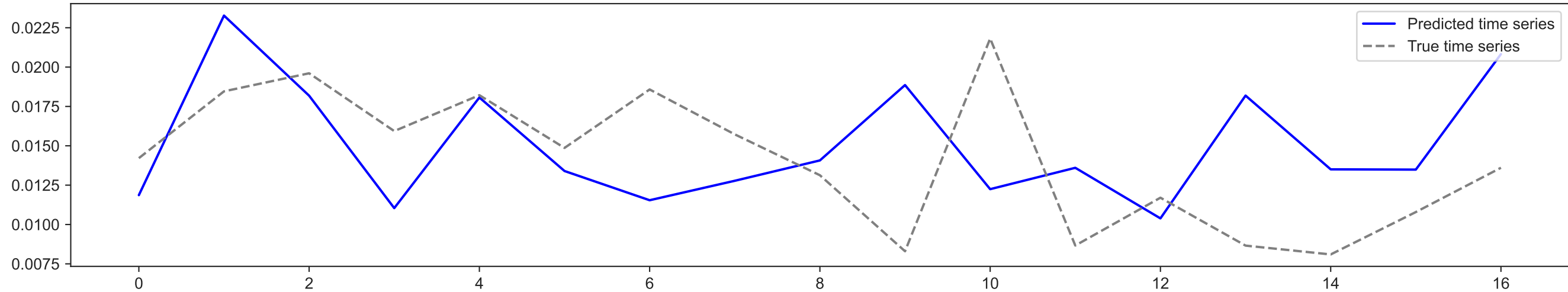
SNPS, RMSE =0.010134880523813592



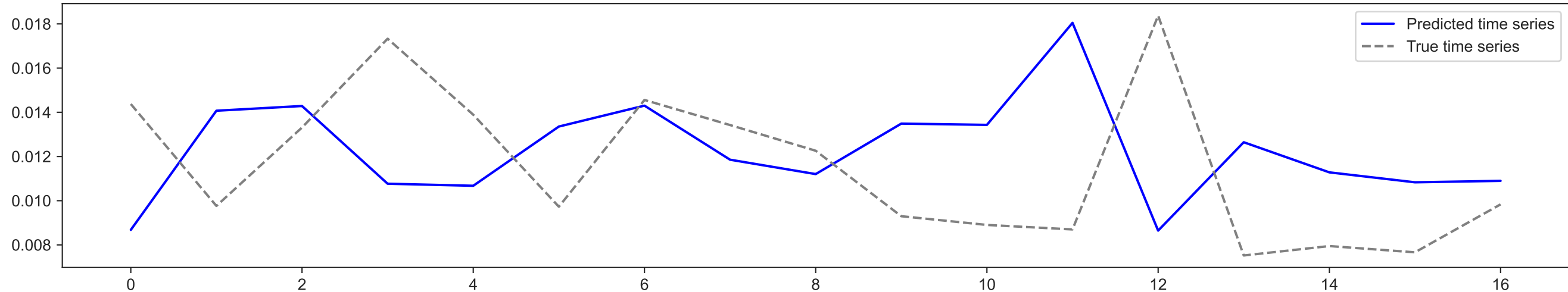
SIVB, RMSE =0.008265463824726059



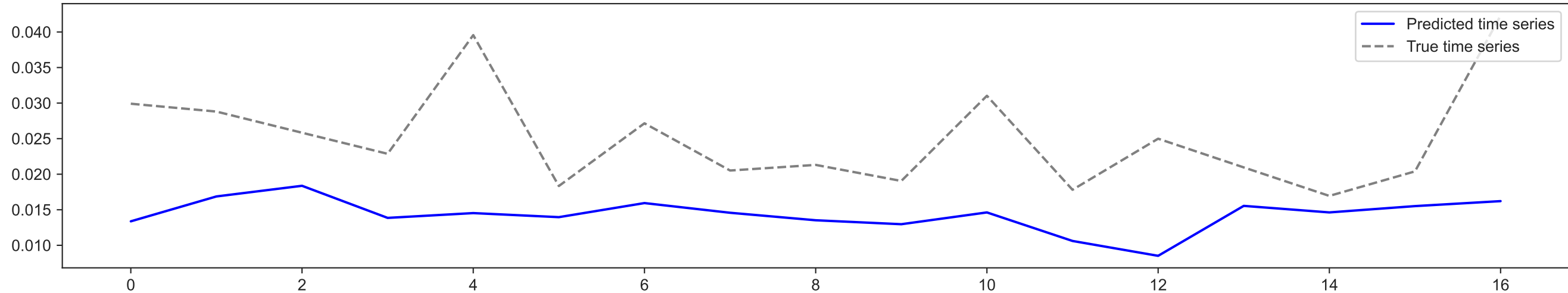
NDSN, RMSE =0.0055549508777774547



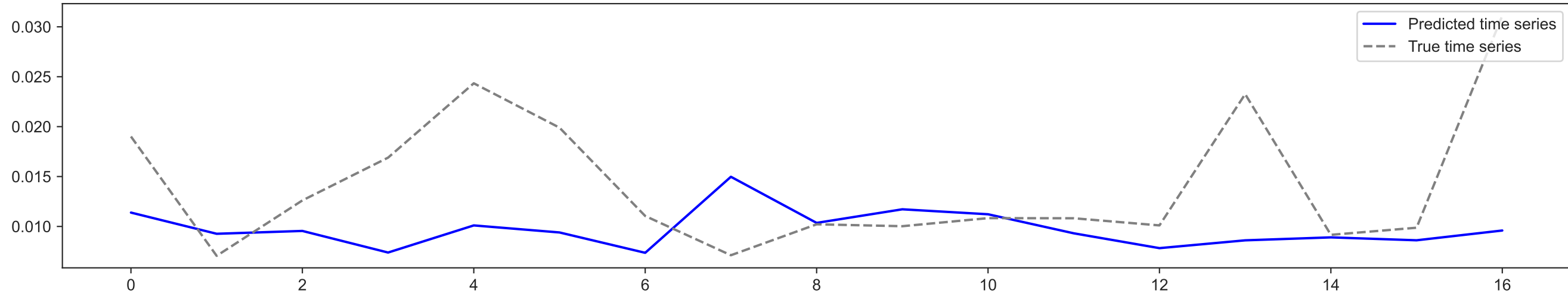
YUM, RMSE =0.0047944885389687815



LYV, RMSE =0.012807256808545591

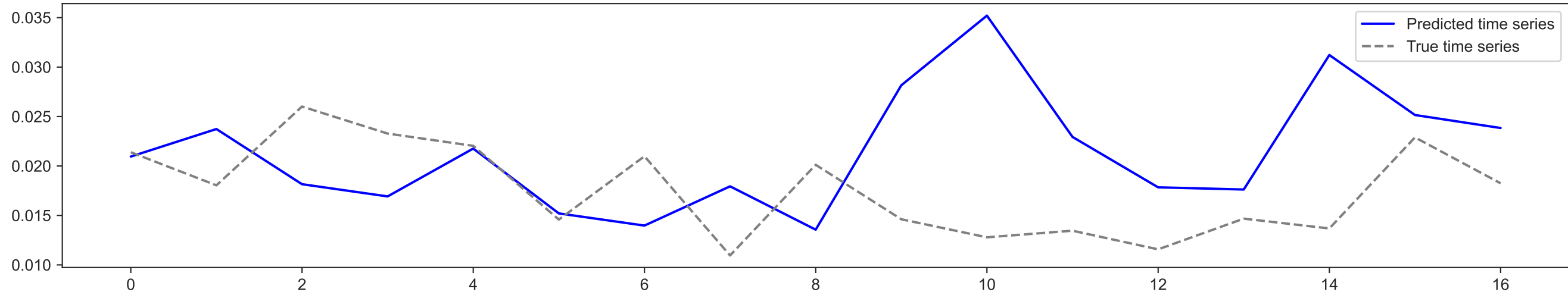


PFE, RMSE =0.008544166755278424

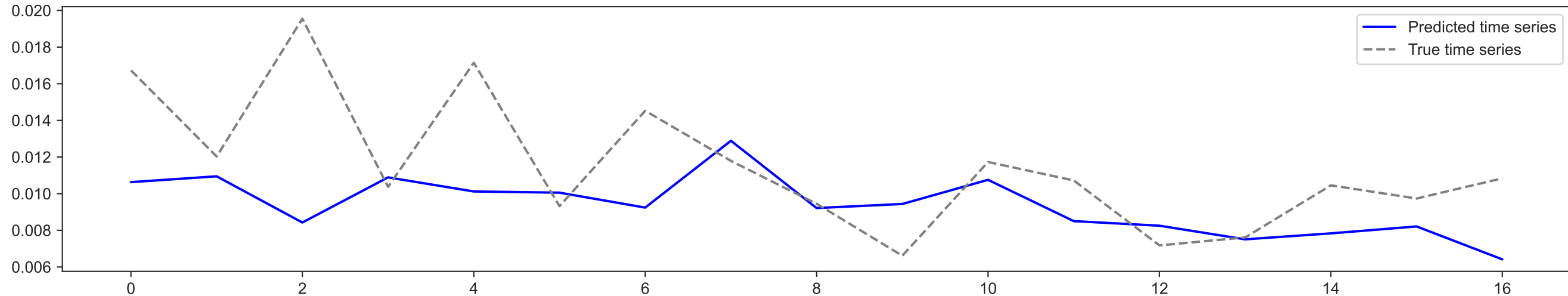




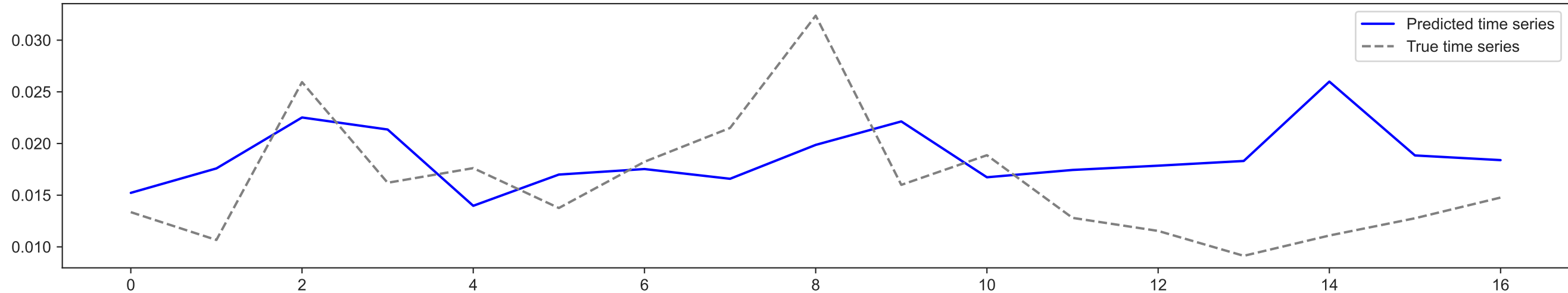
REGN, RMSE =0.009214871771750855



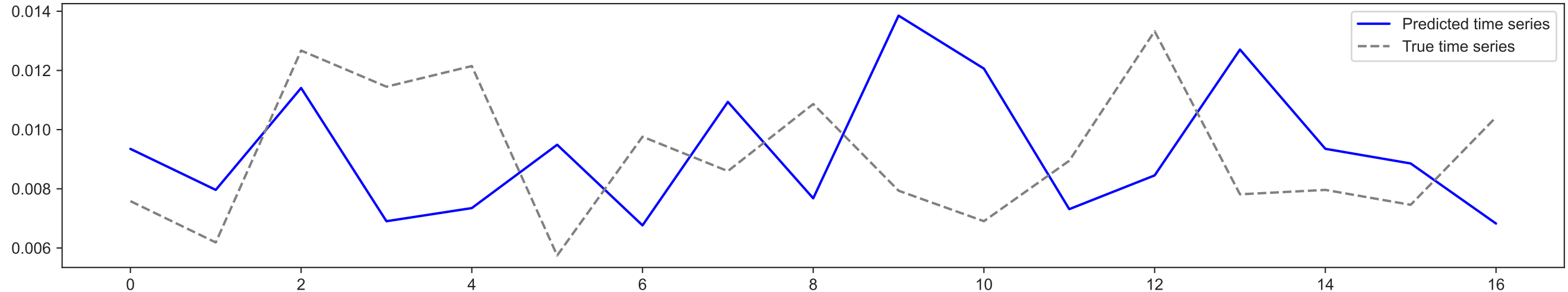
DUK, RMSE =0.004096950093723027



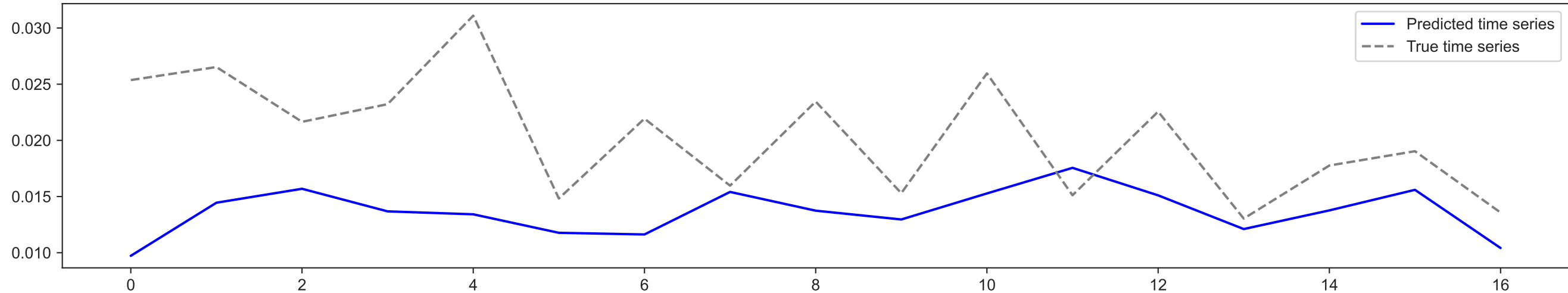
AVGO, RMSE =0.006660320993616976



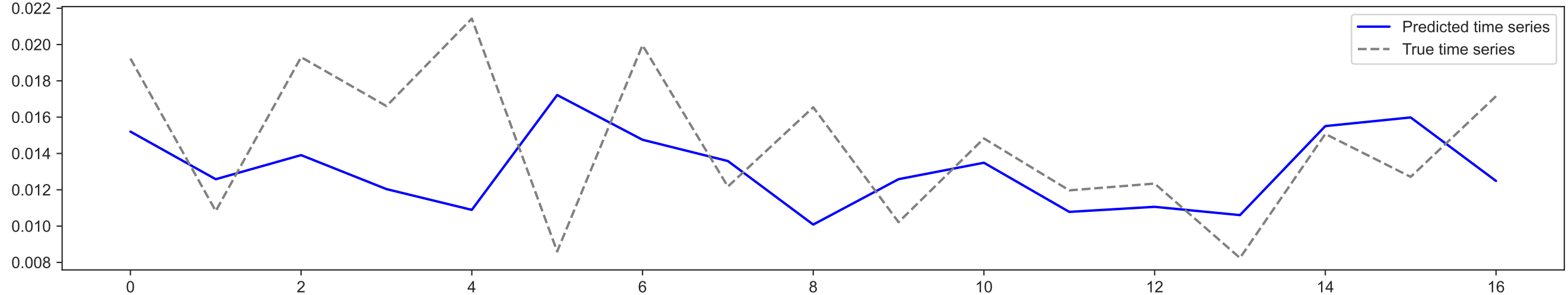
CL, RMSE =0.0035888871703833227



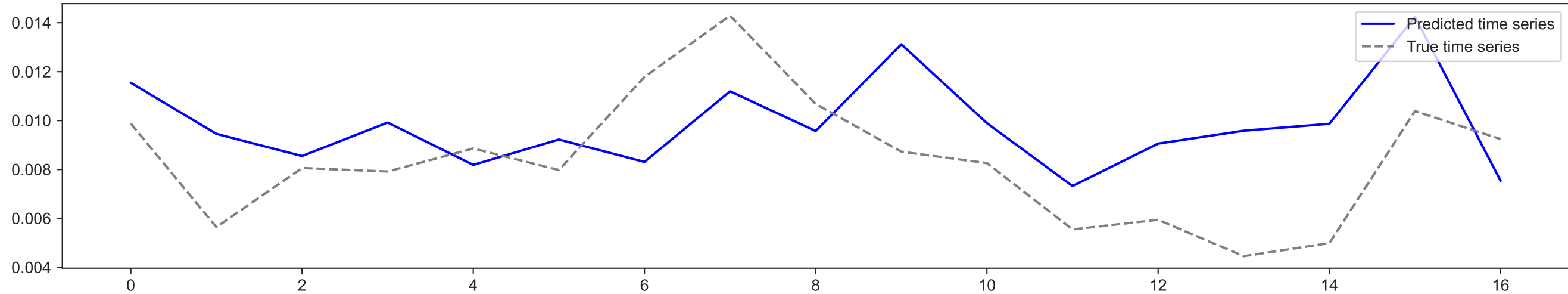
VFC, RMSE =0.008608033004702963



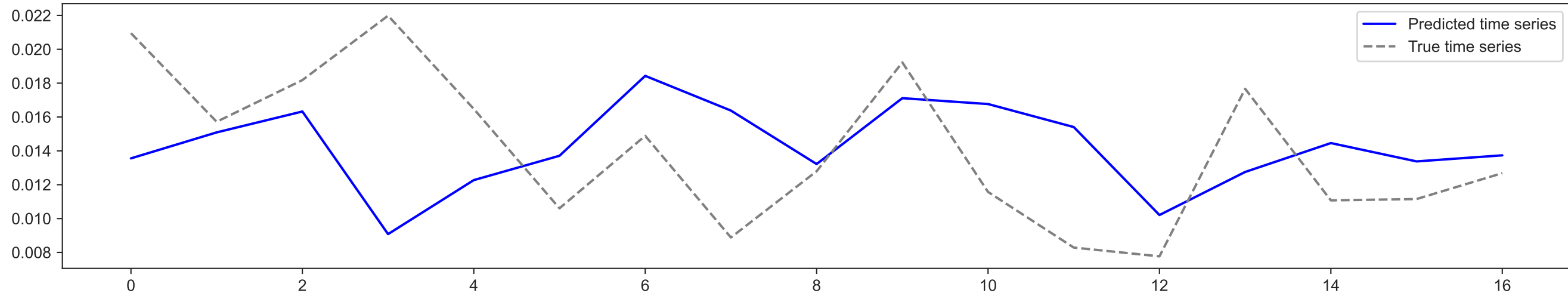
JCI, RMSE =0.004691047908583195



VZ, RMSE =0.0029617357513307997

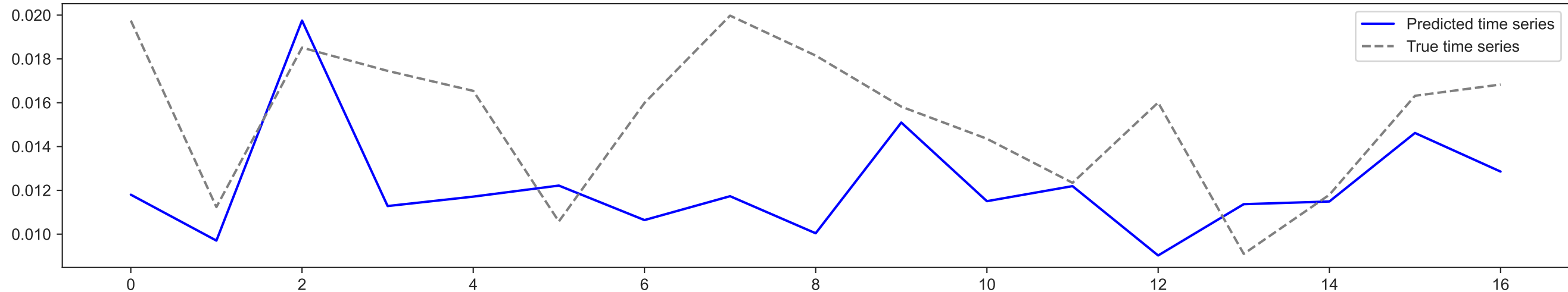


AMGN, RMSE =0.005151700259902665

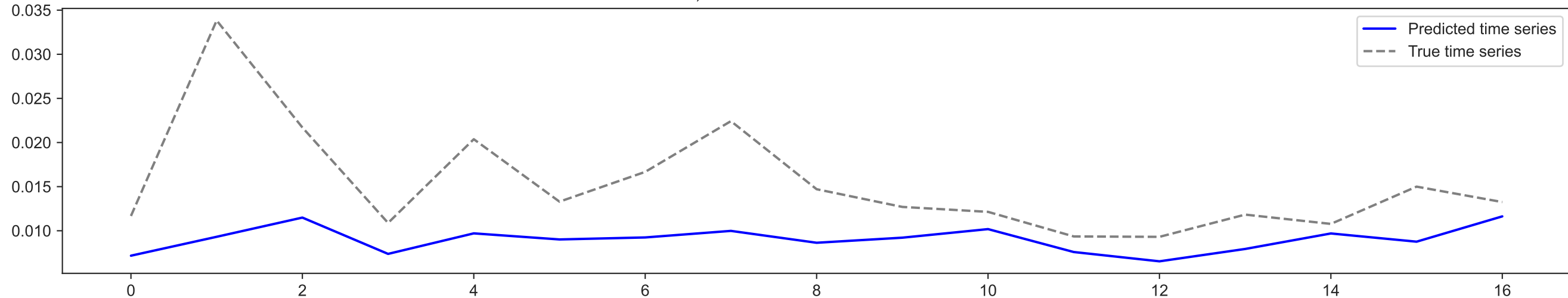




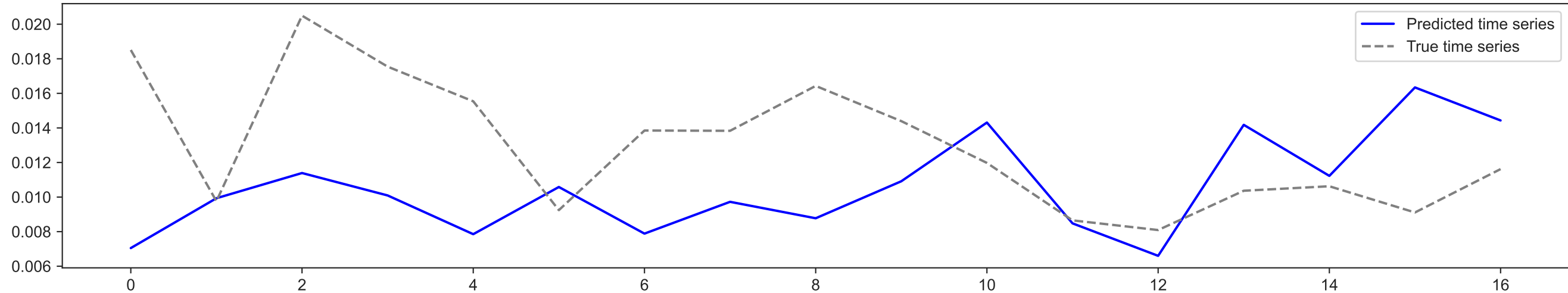
TEL, RMSE =0.0046955034418369864



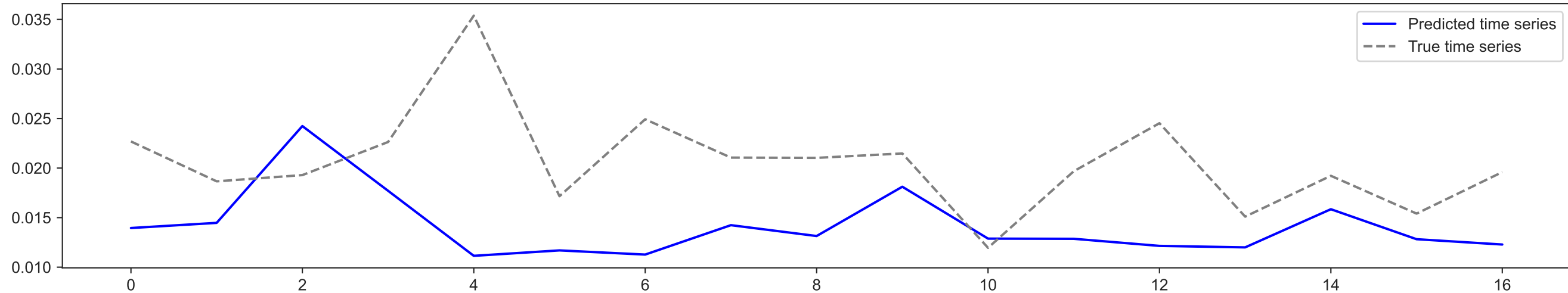
JKHY, RMSE =0.008406835864240248



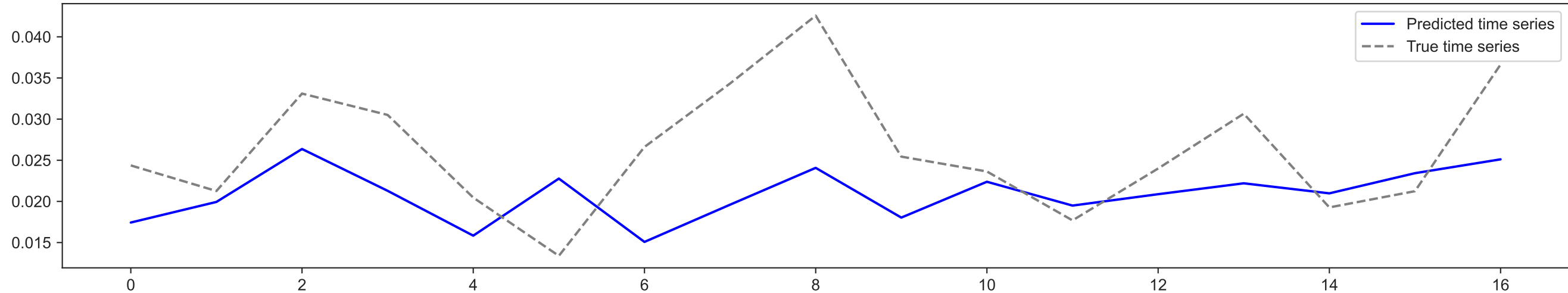
ADP, RMSE =0.005618156522035522



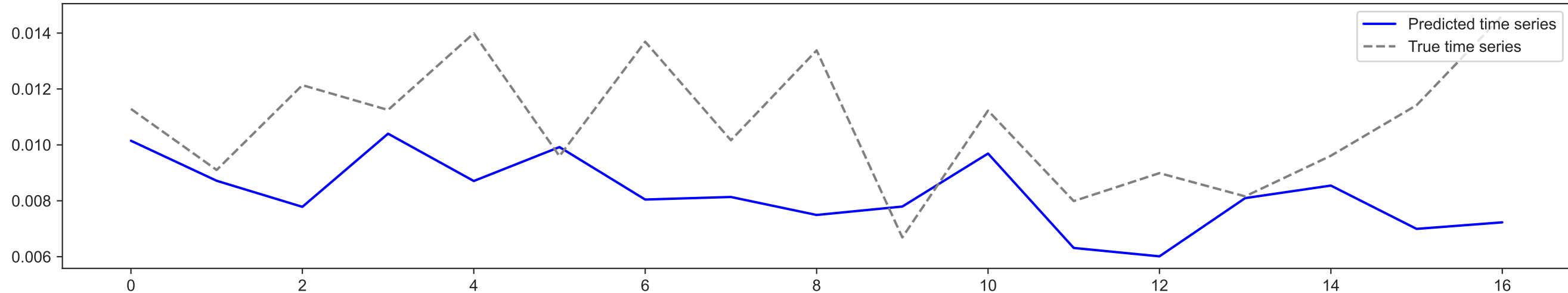
STT, RMSE =0.008904871585347257



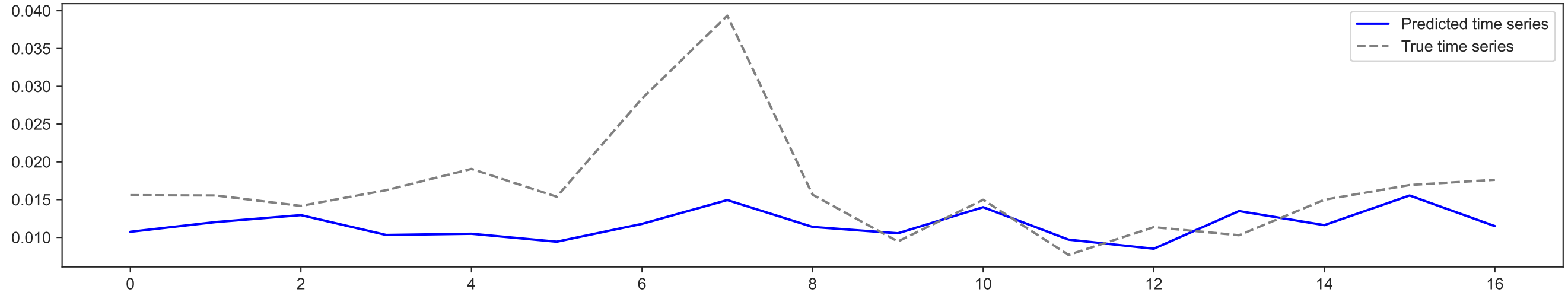
ON, RMSE =0.008619928475922679



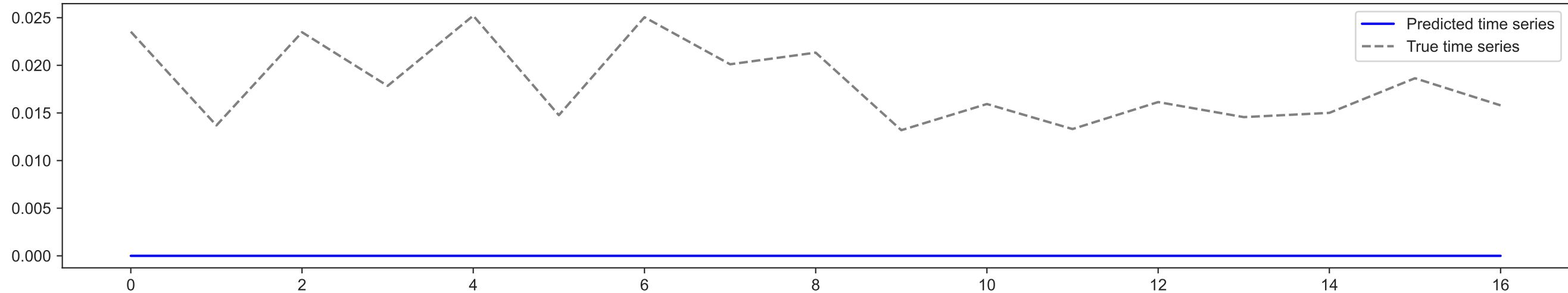
RSG, RMSE =0.0035181523944860147



IFF, RMSE =0.008210116256926228

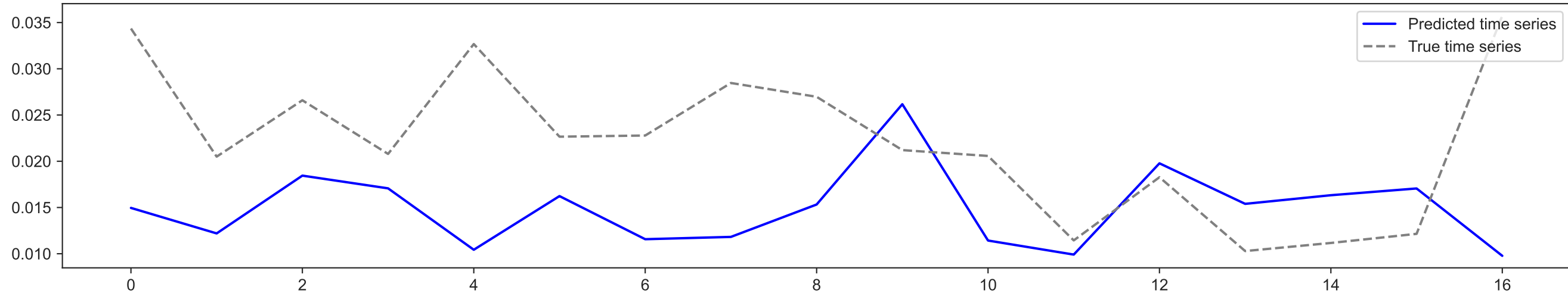


CARR, RMSE =0.018552316950625754

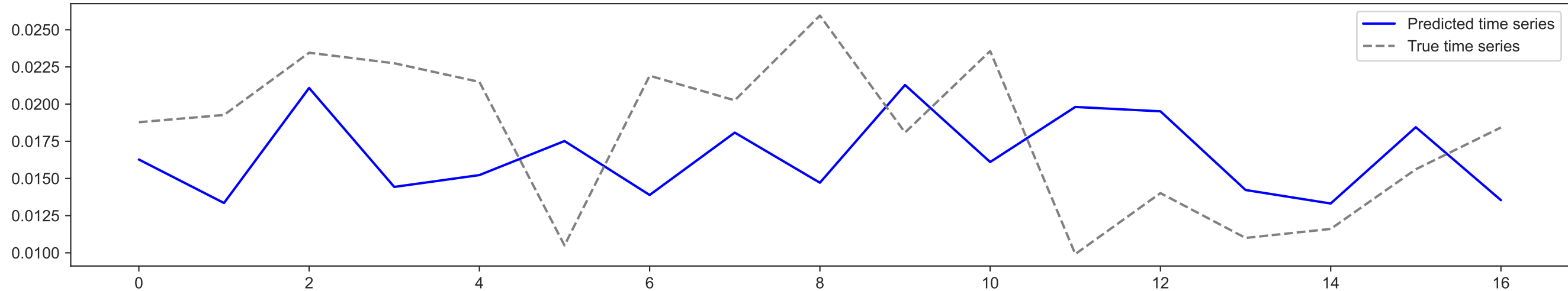




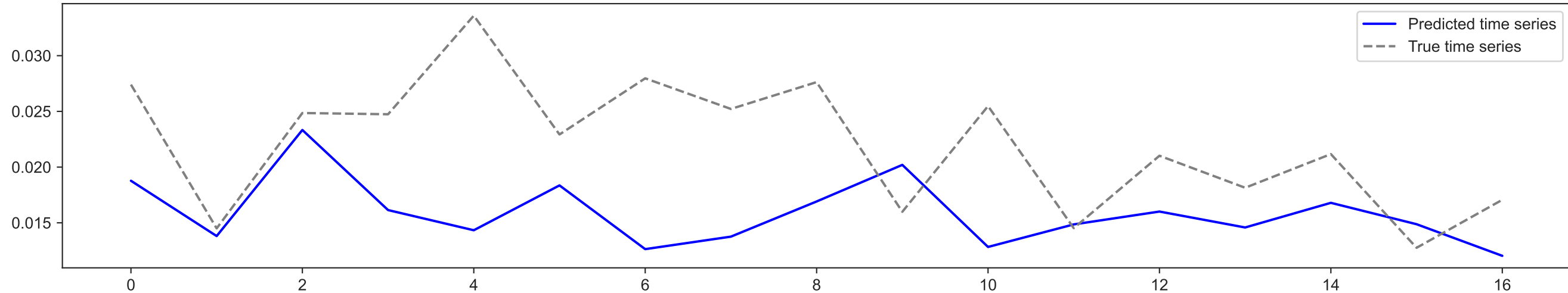
QCOM, RMSE =0.012039570043659294



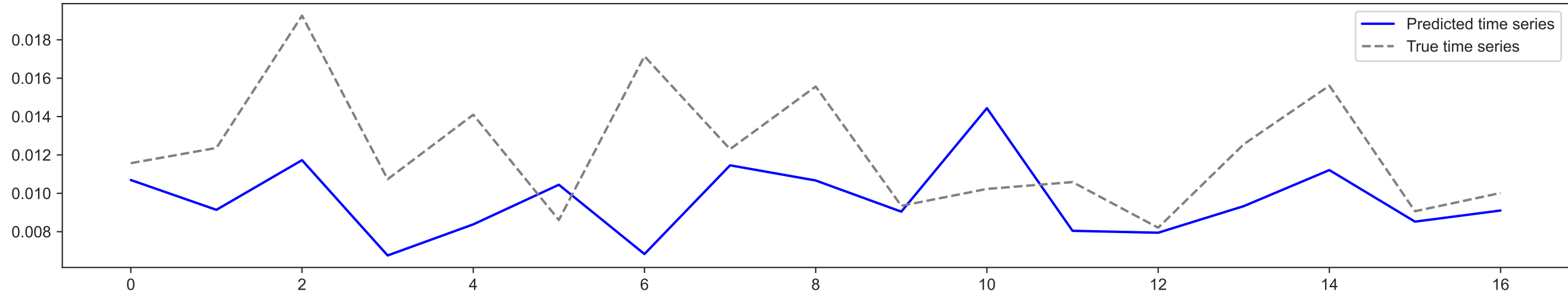
TRMB, RMSE =0.006132552668394661



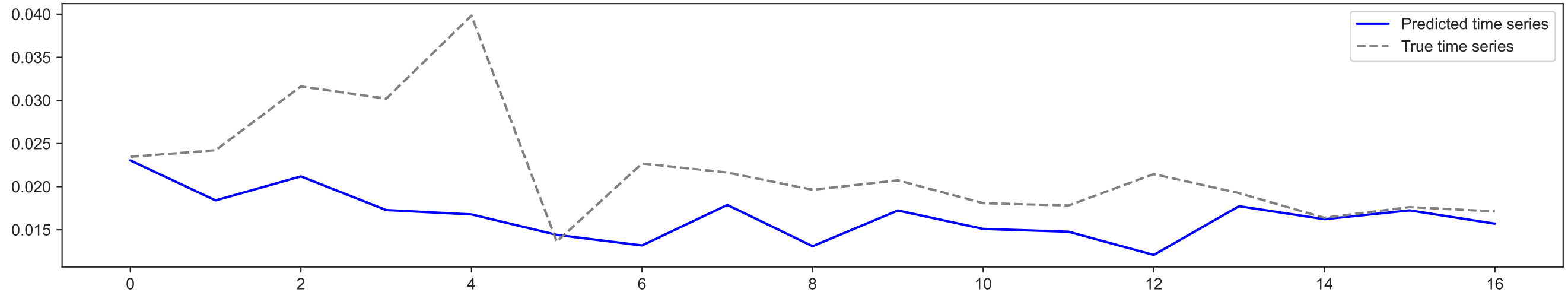
PHM, RMSE =0.008705443071511604



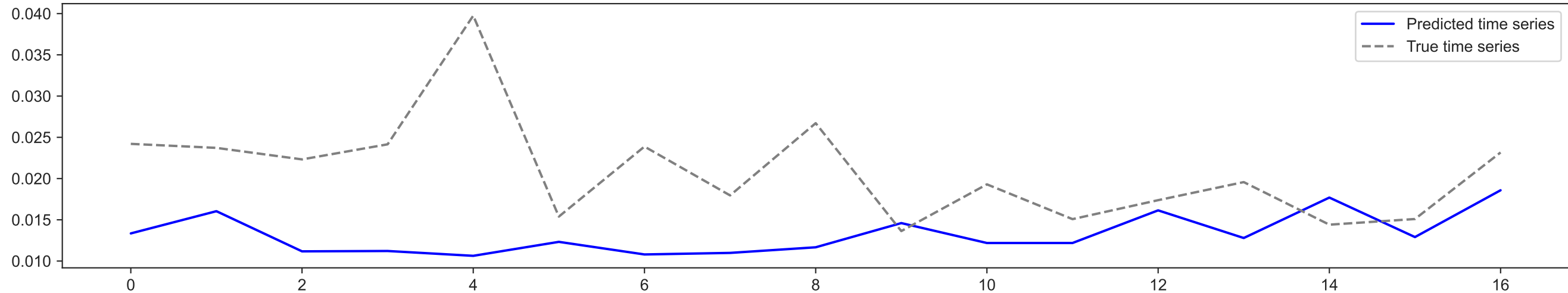
GIS, RMSE =0.004242501271824369



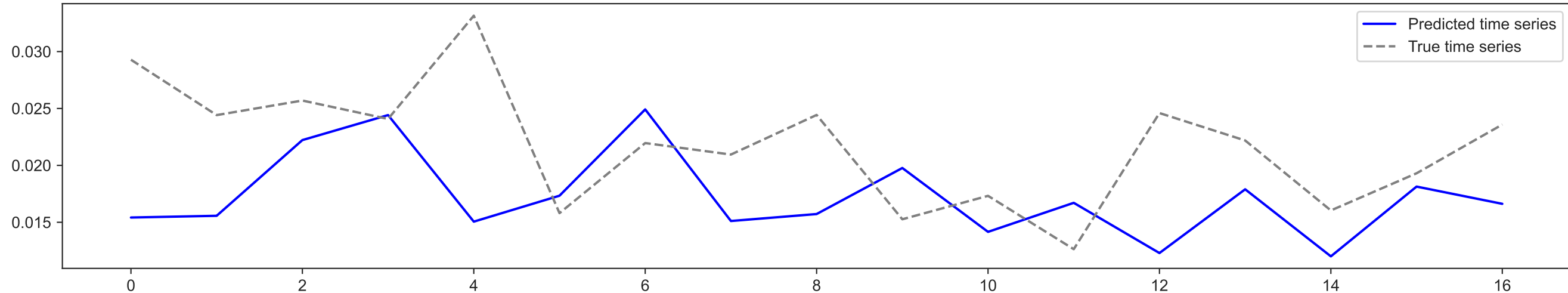
LYB, RMSE =0.00808757330915539



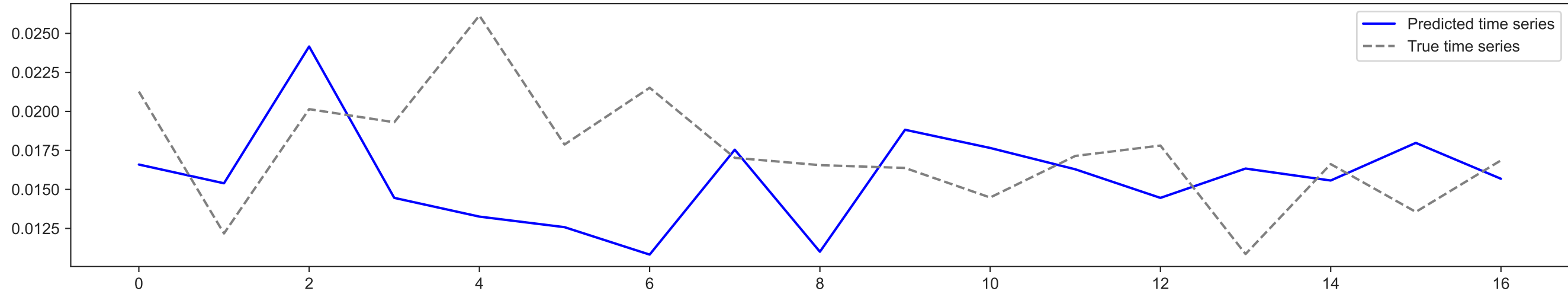
ROST, RMSE =0.010615041670415229



LUV, RMSE =0.0077233845968764725

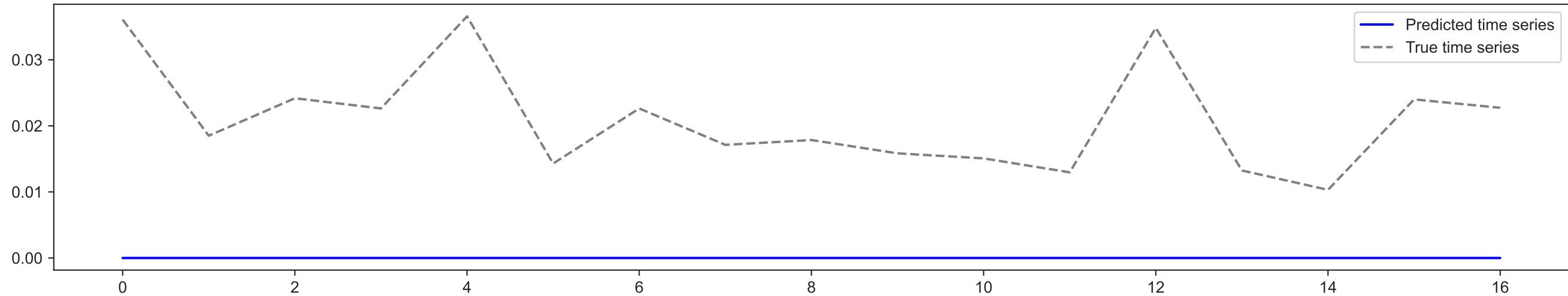


MS, RMSE =0.005376003133246673

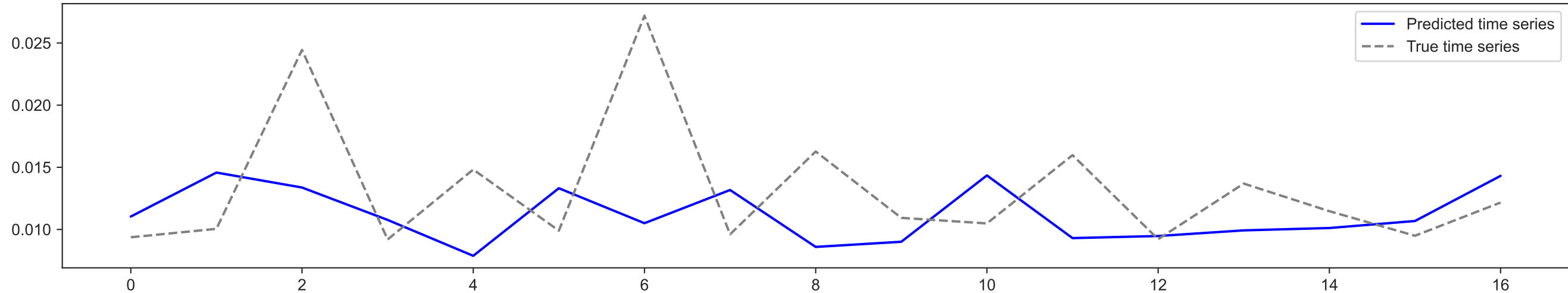




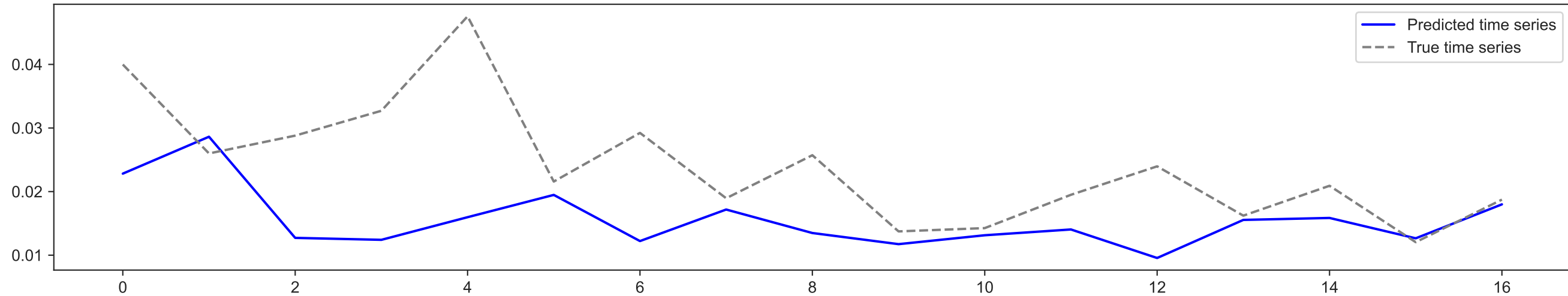
LW, RMSE =0.022545456384345033



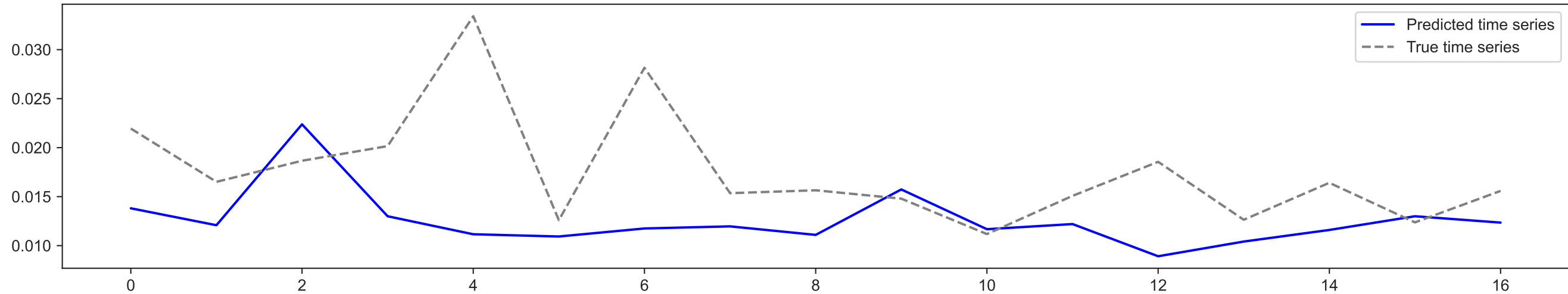
CPB, RMSE =0.006155348110240957



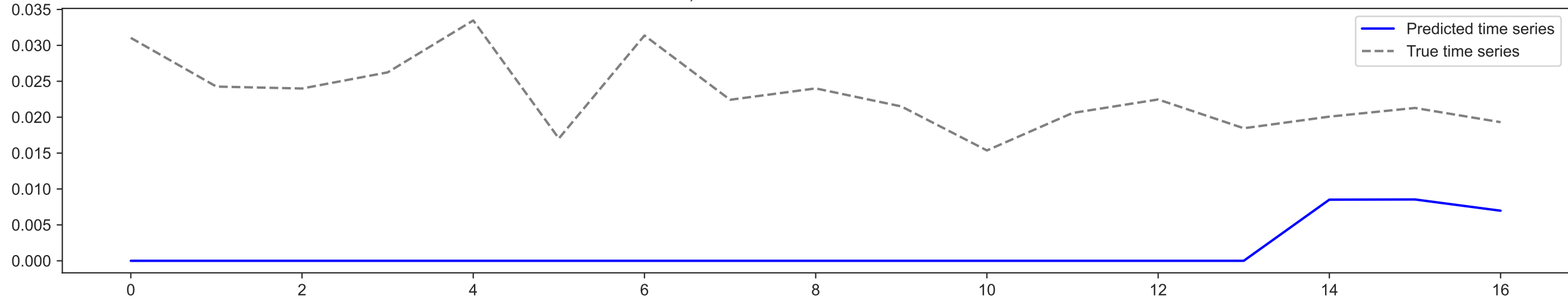
OKE, RMSE =0.012569873582257455



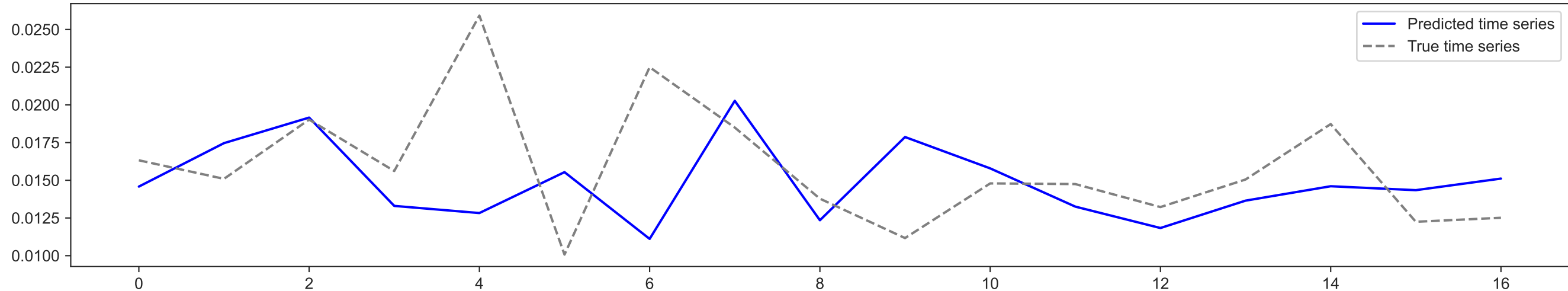
BK, RMSE =0.008011188450267485



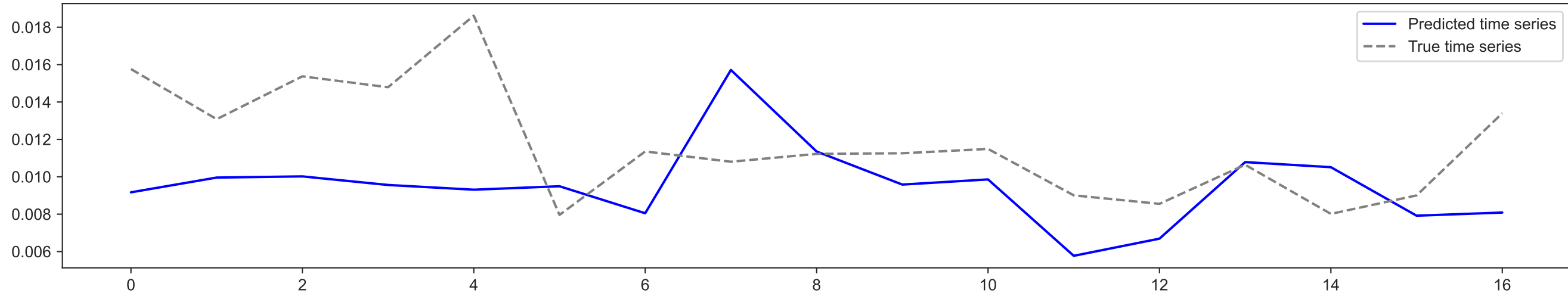
SYF, RMSE =0.022631355815610023



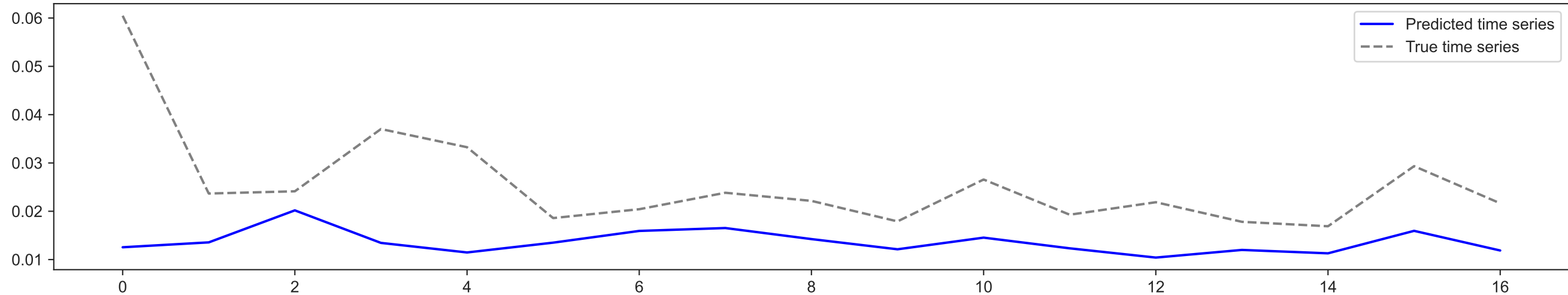
J, RMSE =0.00503194637367375



CHD, RMSE =0.004118417168104563

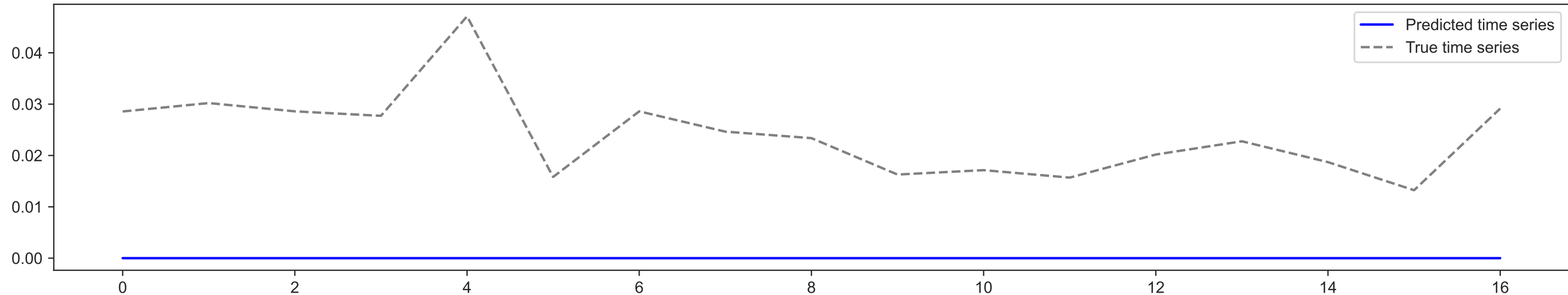


MHK, RMSE =0.015913037770967135

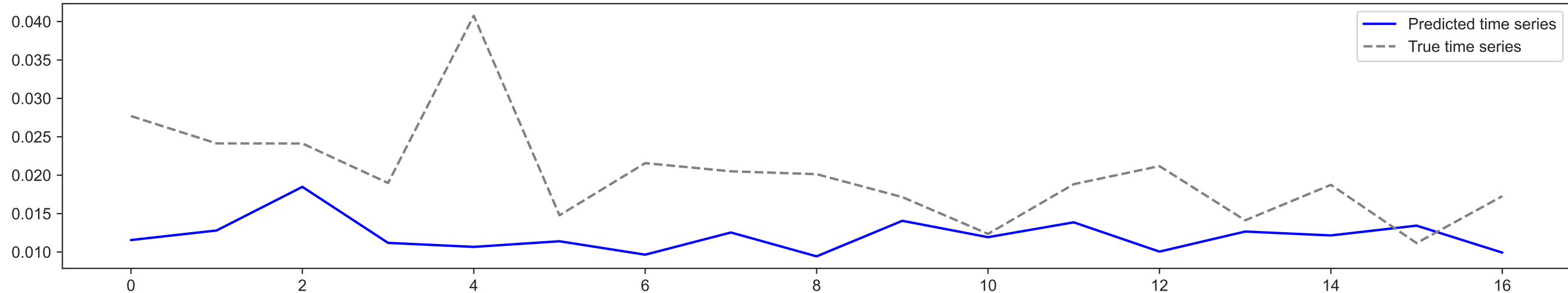




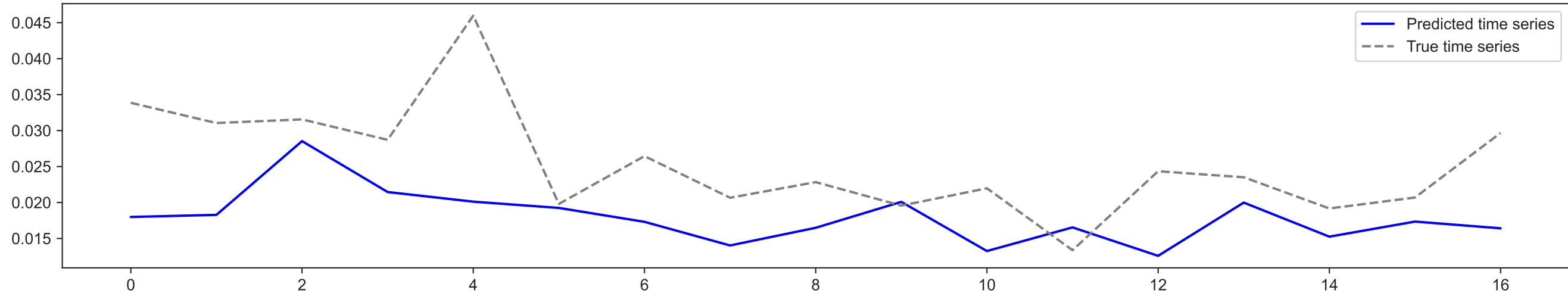
HWM, RMSE =0.025277237081394666



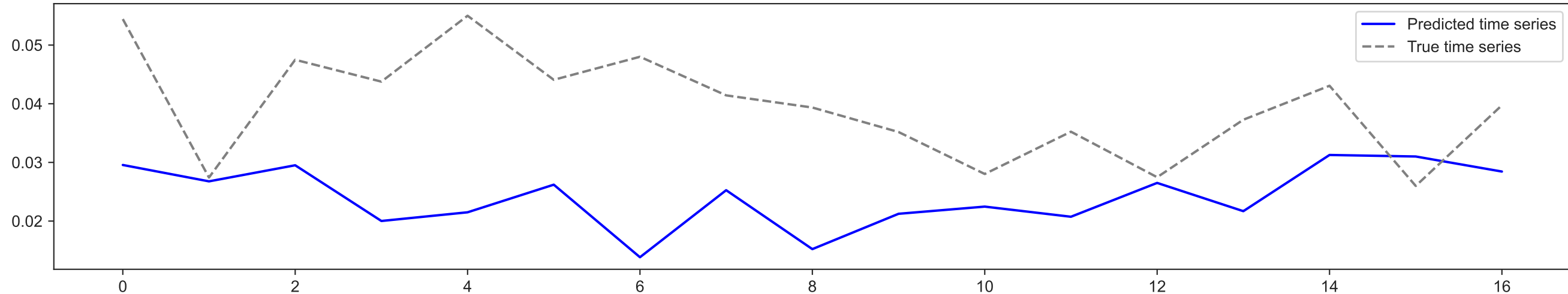
TFC, RMSE =0.010796101186734186



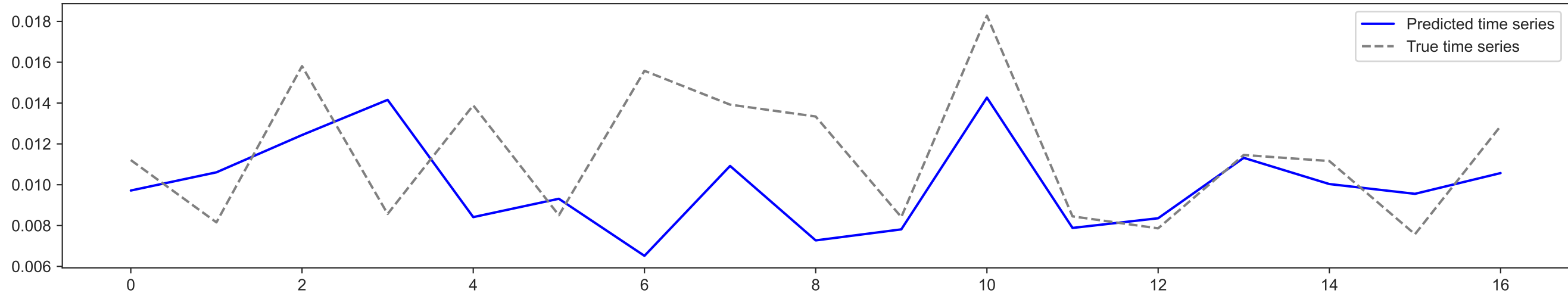
DAL, RMSE =0.01015452917398981



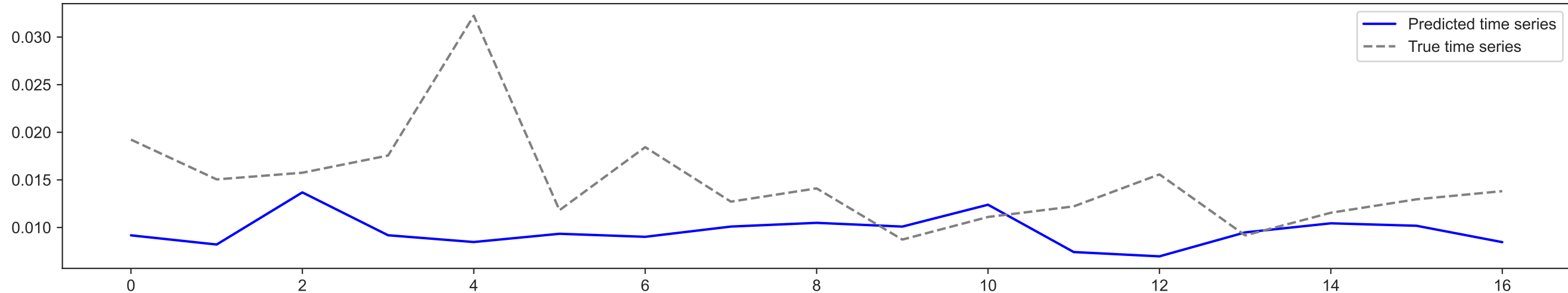
APA, RMSE =0.018679045207821255



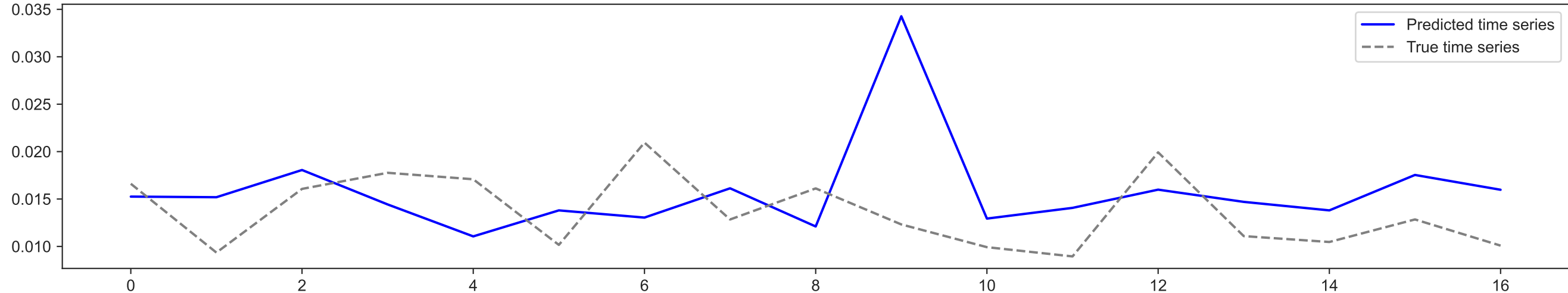
K, RMSE =0.0037339593746318835



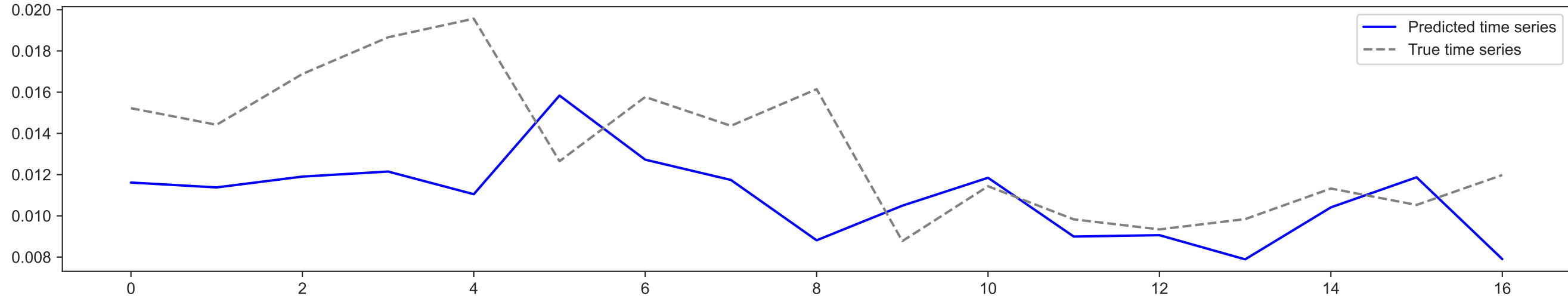
AFL, RMSE =0.007823927192440759



CSX, RMSE =0.006874668335714997

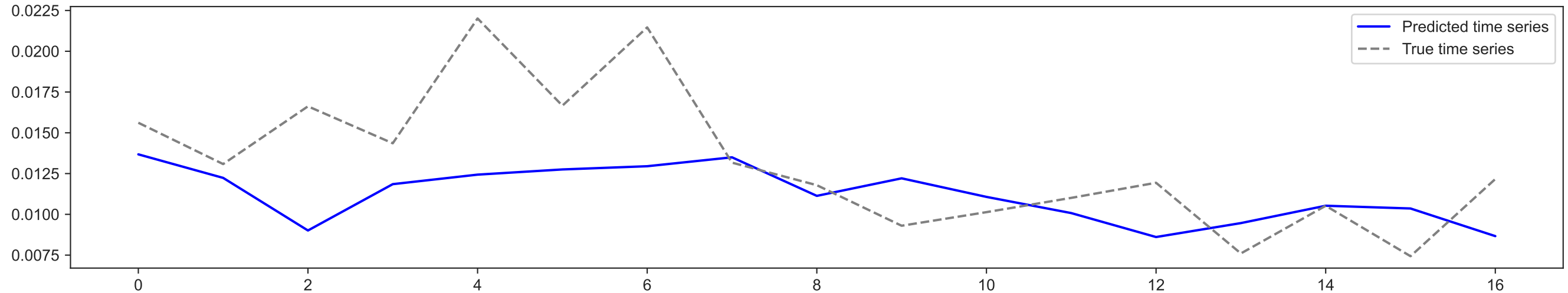


CPT, RMSE =0.003977839311371073

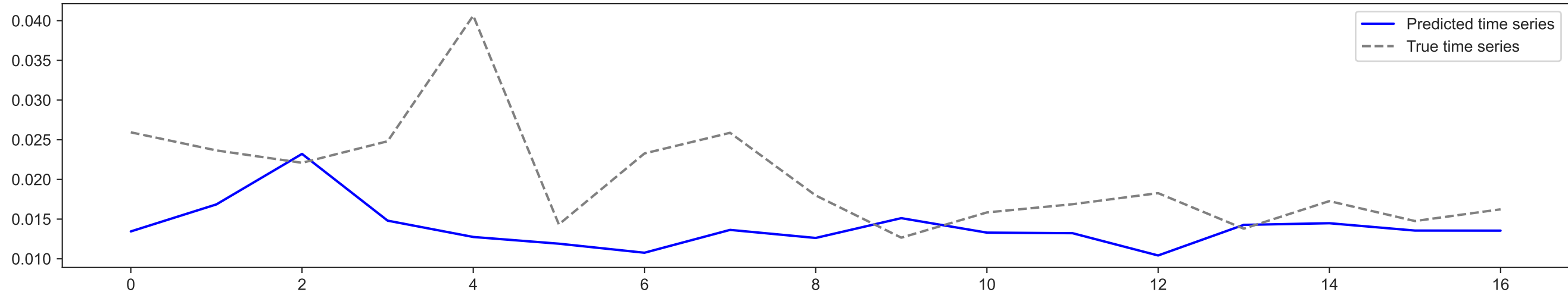




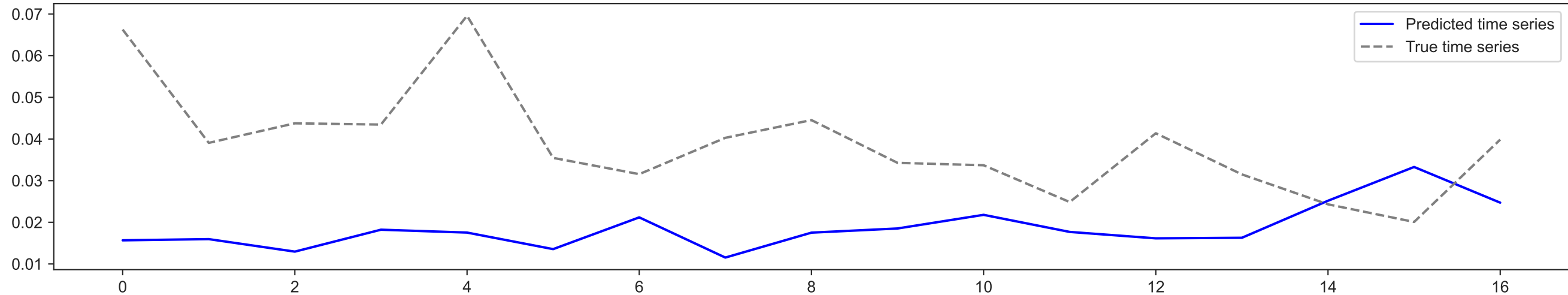
NI, RMSE =0.004160868161000423



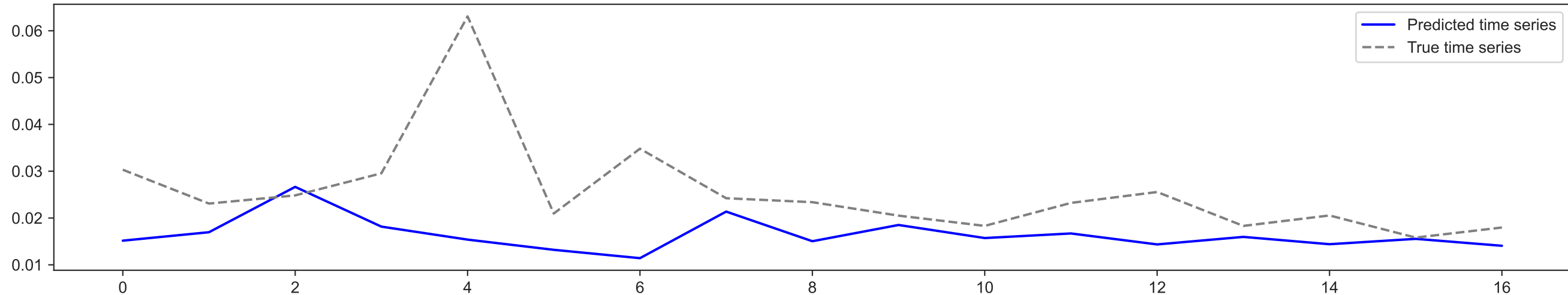
PFG, RMSE =0.009476651133468943



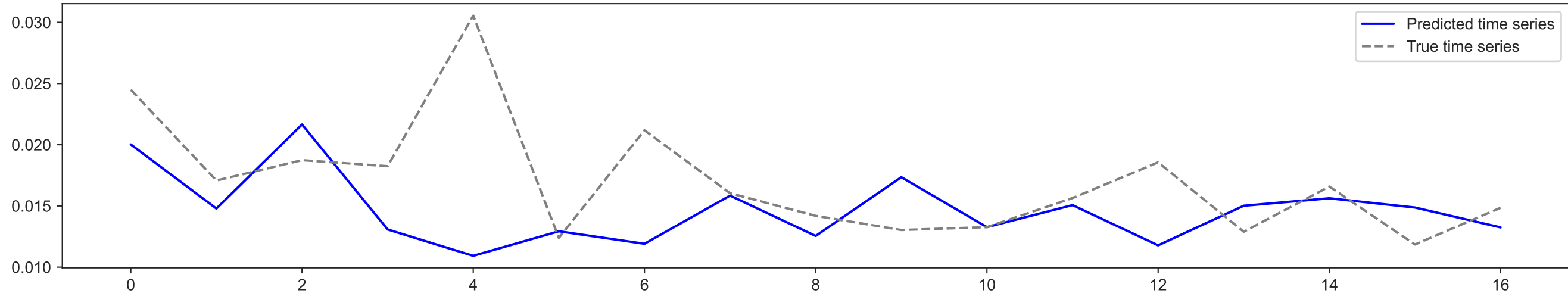
NCLH, RMSE =0.025723457750295636



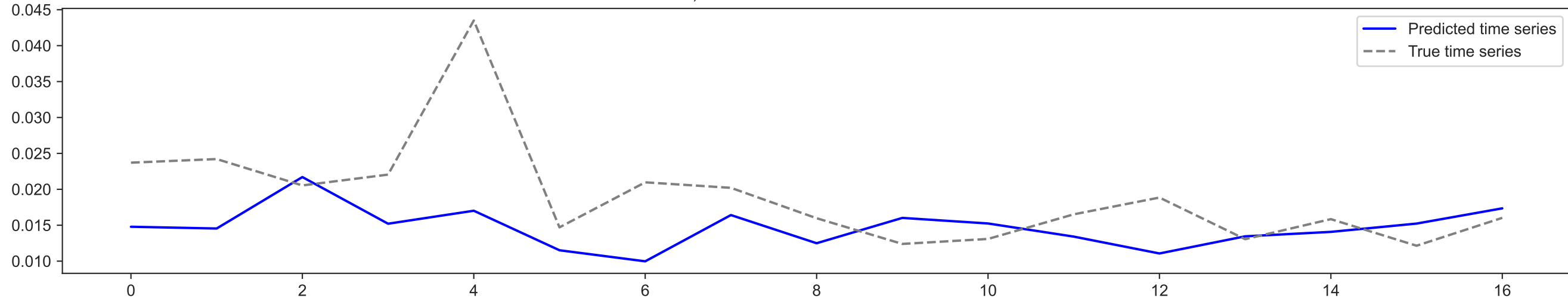
ZION, RMSE =0.014545728848631635



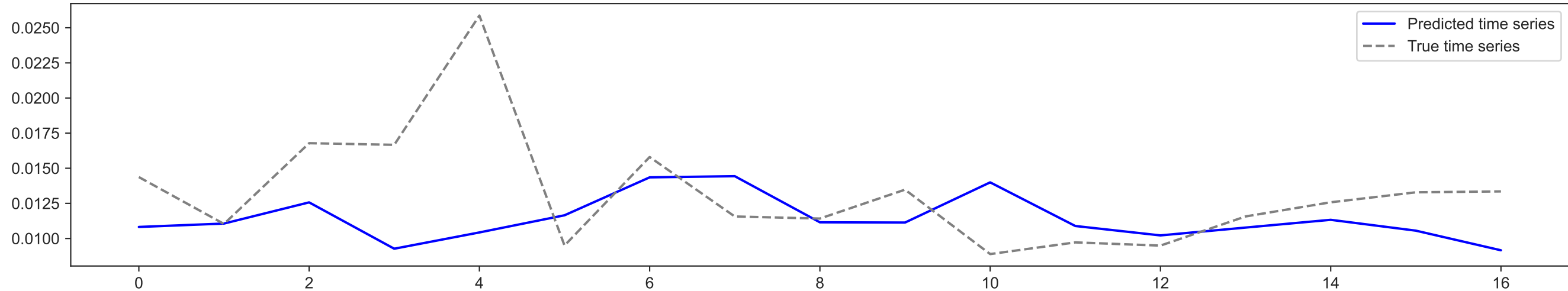
RJF, RMSE =0.006021190885080544



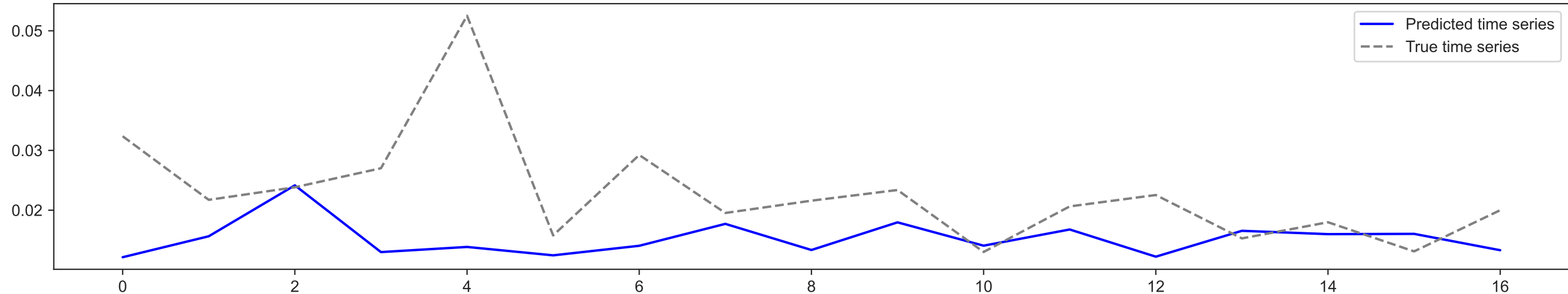
PRU, RMSE =0.008341727774226043



UNH, RMSE =0.004845339407694988

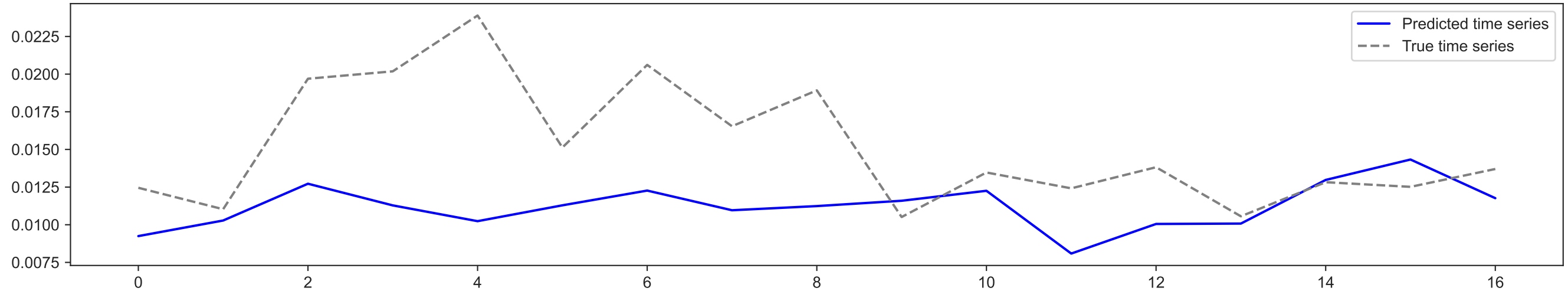


HBAN, RMSE =0.012510351223013338

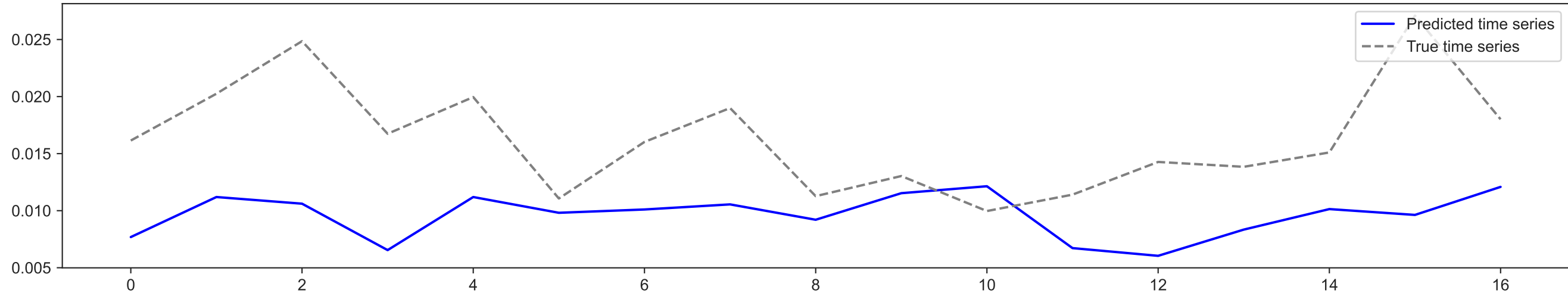




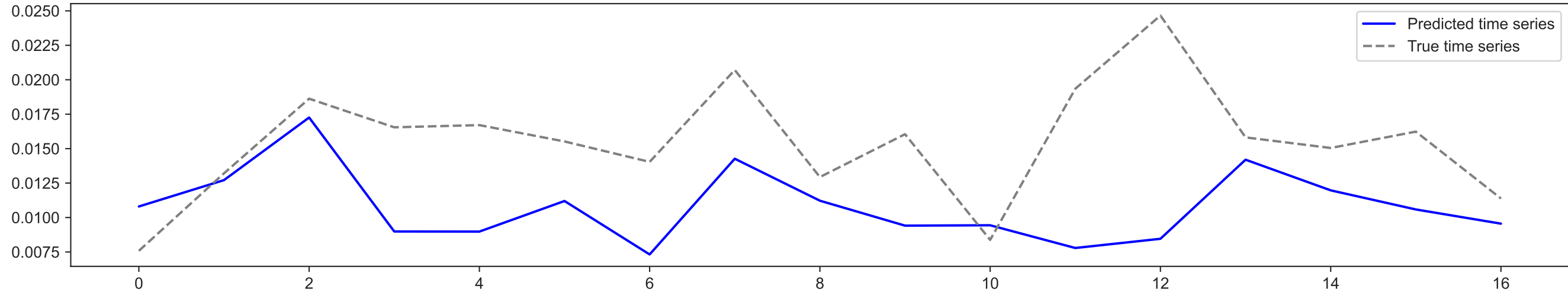
GPC, RMSE =0.005649026119041086



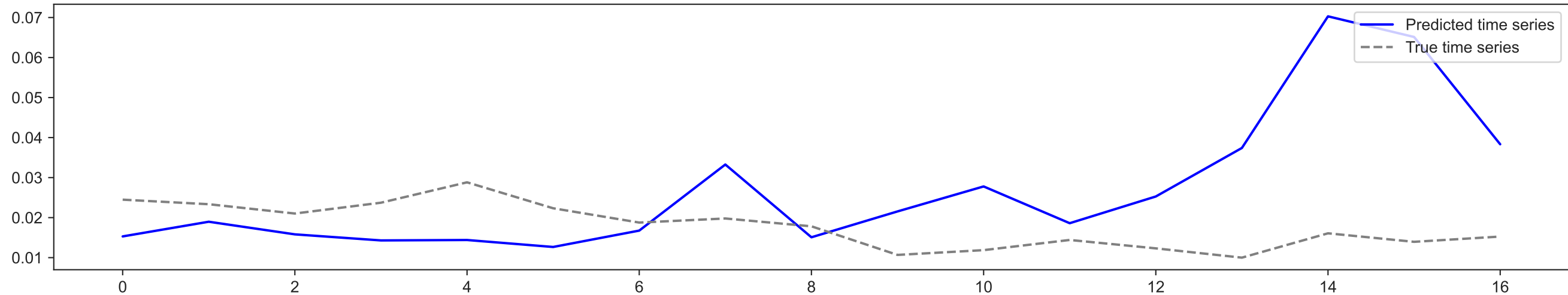
FISV, RMSE =0.008191518574094326



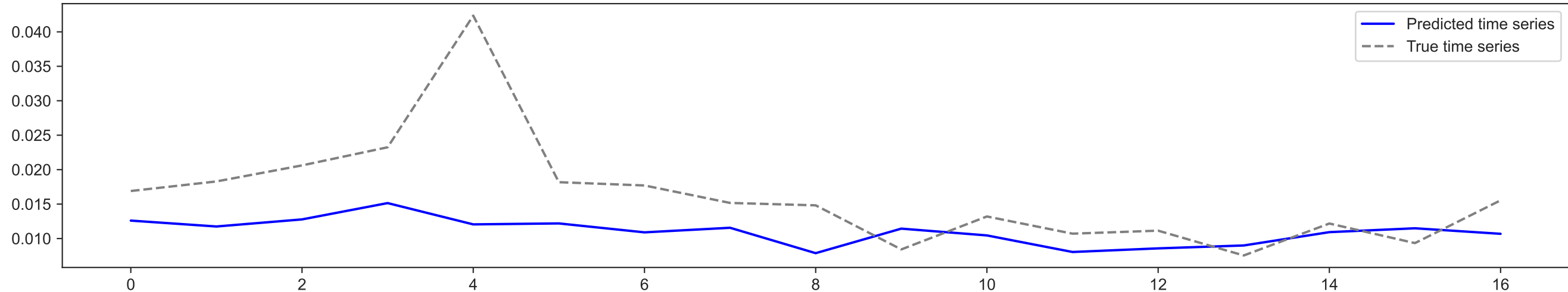
WTW, RMSE =0.00653573048660387



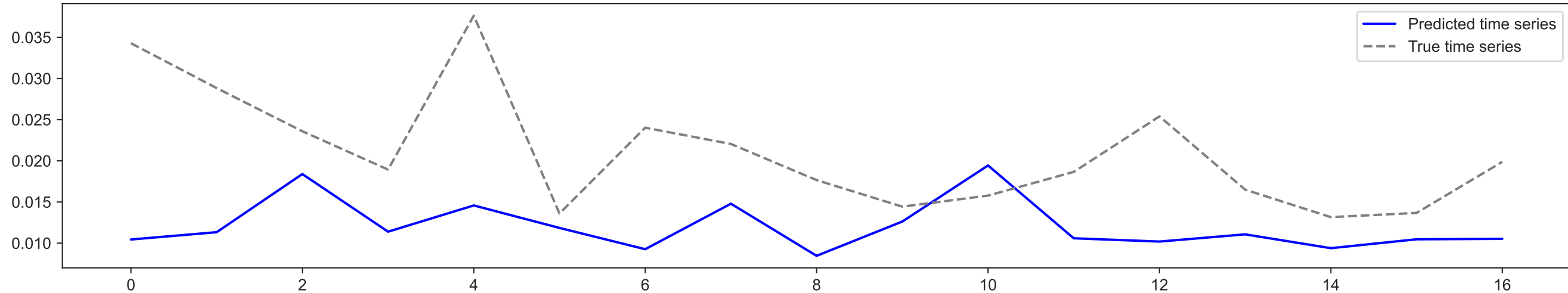
WMB, RMSE =0.021845846684916043



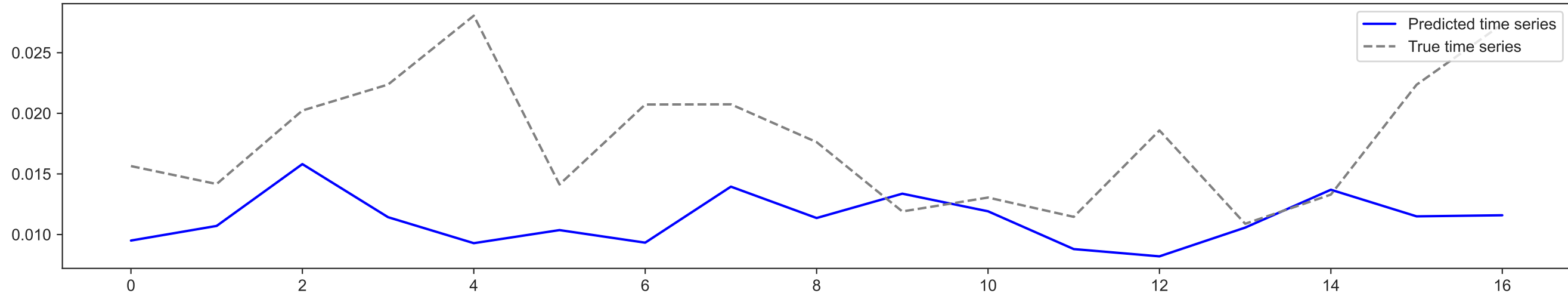
EQR, RMSE =0.008784830447680966



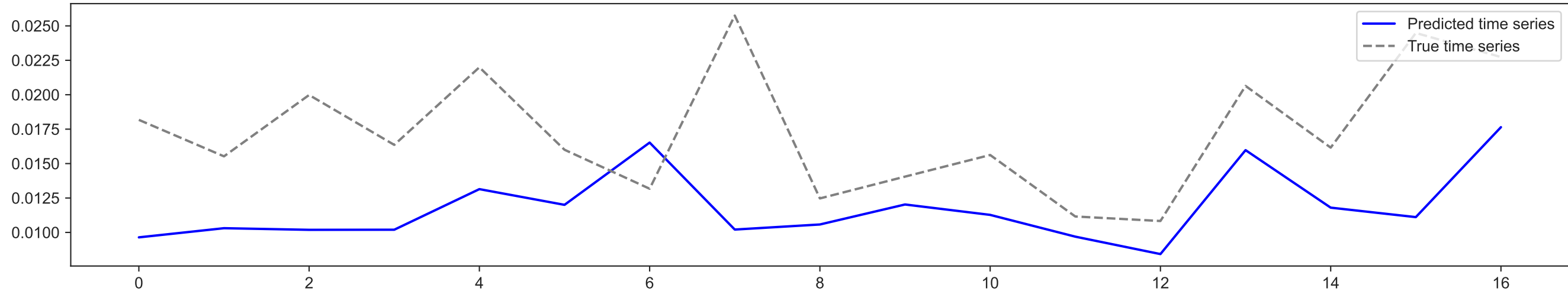
AIG, RMSE =0.011640437894591113



MA, RMSE =0.008596020794473896

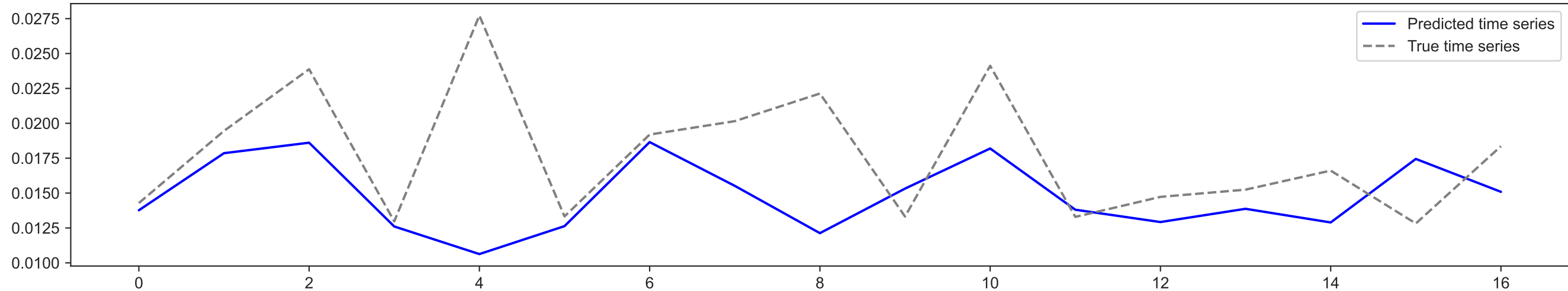


DVA, RMSE =0.0071167535738207565

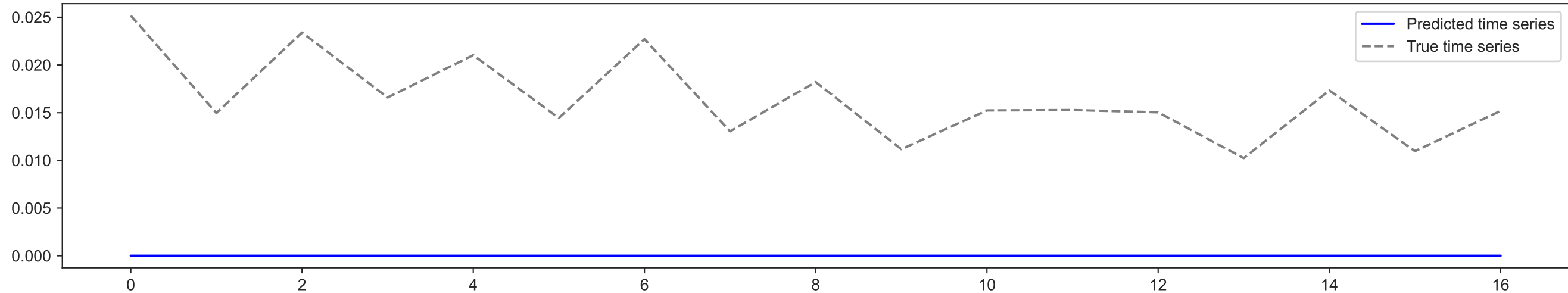




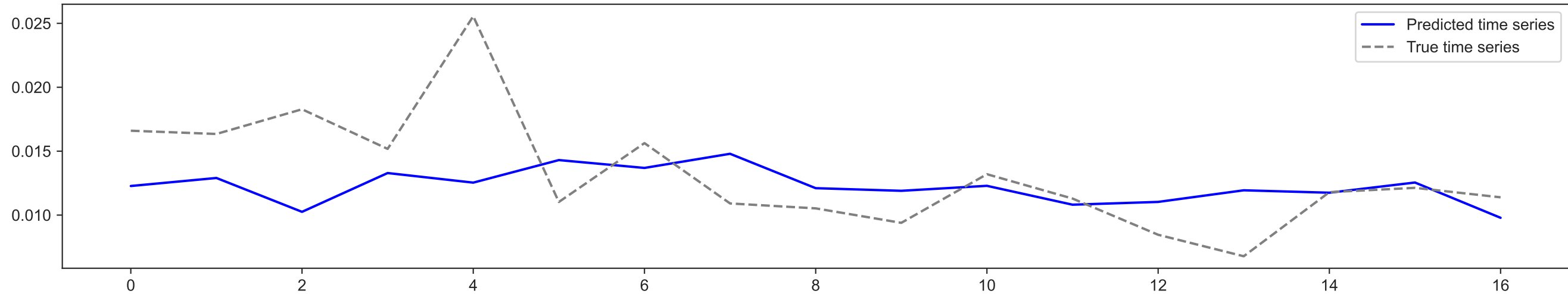
NWSA, RMSE =0.005612833492112018



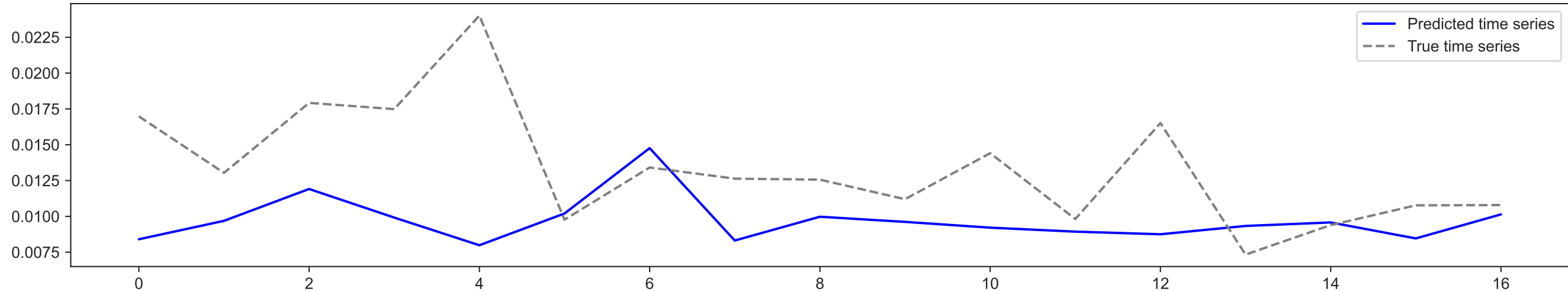
VICI, RMSE =0.0170140372924954



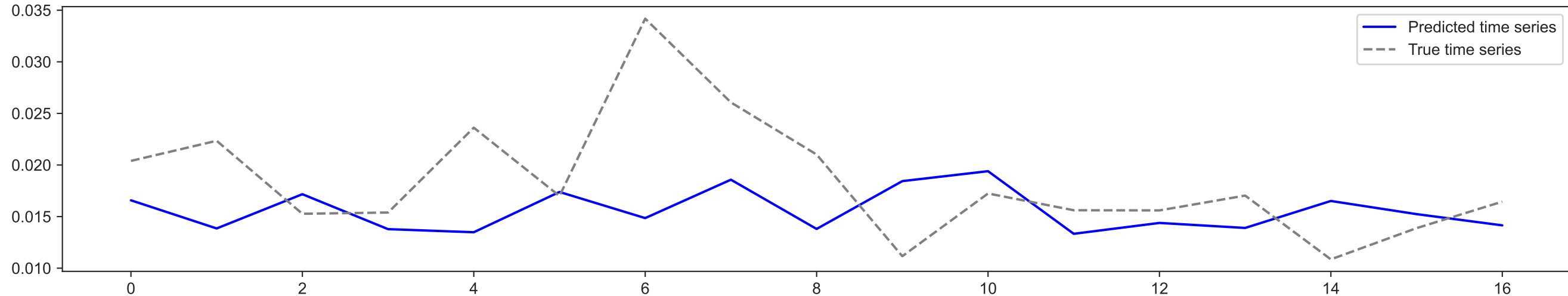
O, RMSE =0.004494007448479741



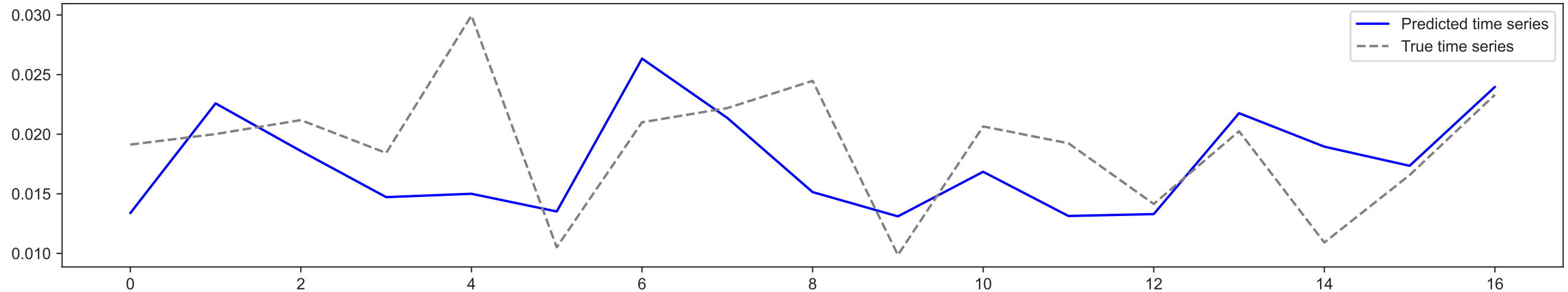
HON, RMSE =0.005753841310392425



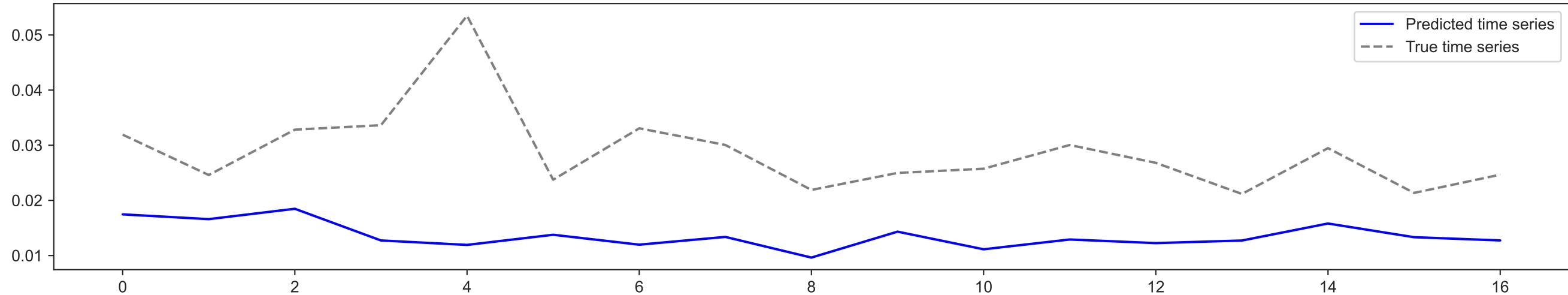
AES, RMSE =0.0068200073878171615



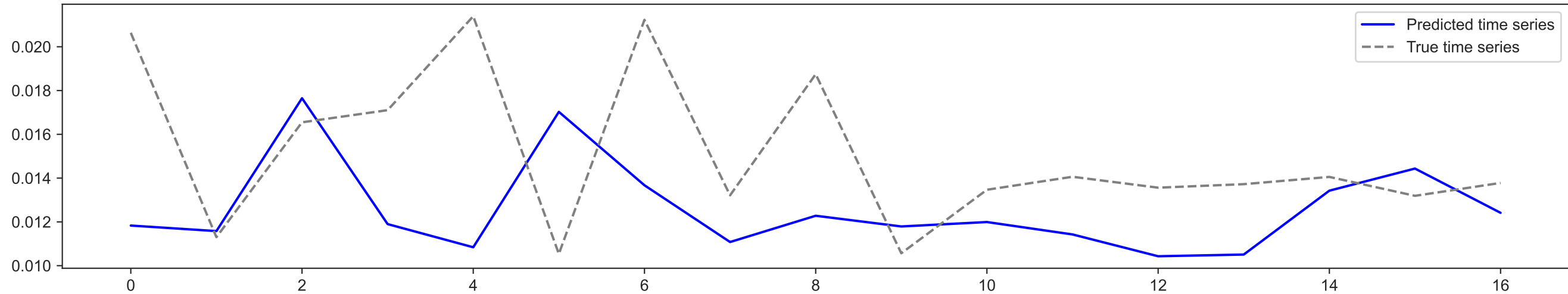
TTWO, RMSE =0.0056349406884296715



SLB, RMSE =0.017000448603126096

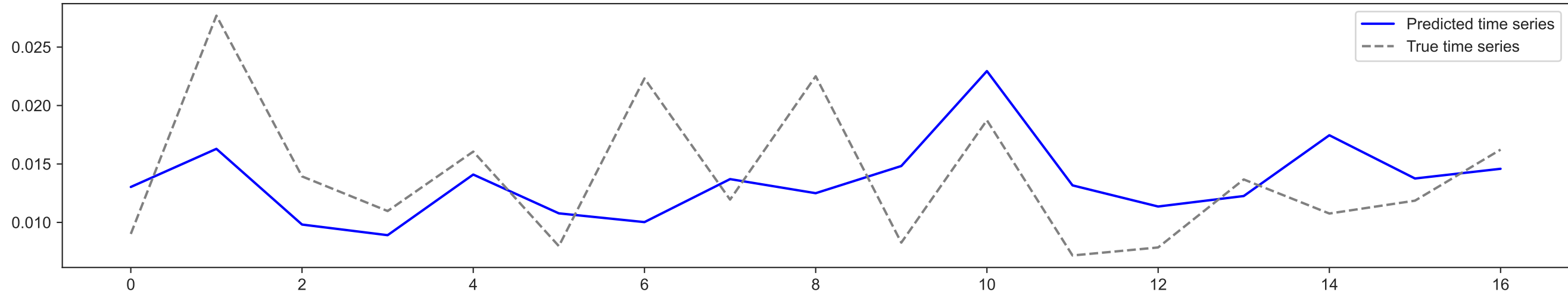


TT, RMSE =0.004834899665592538

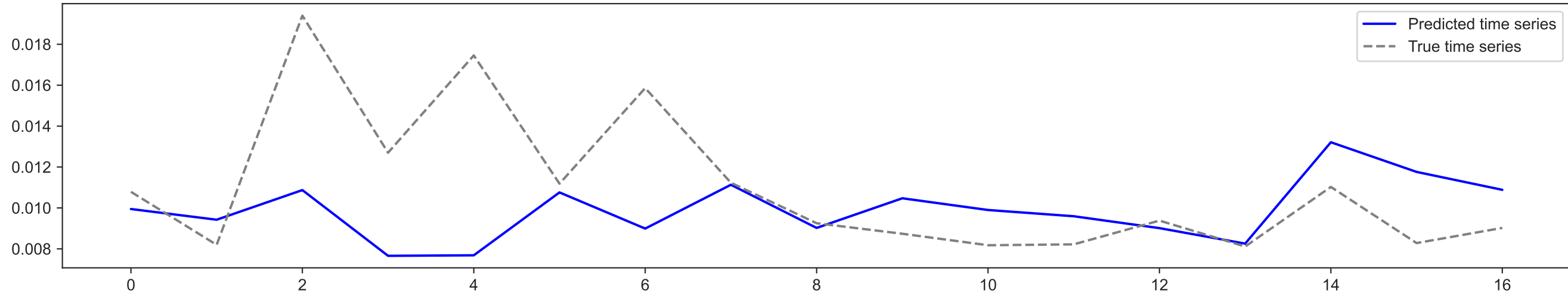




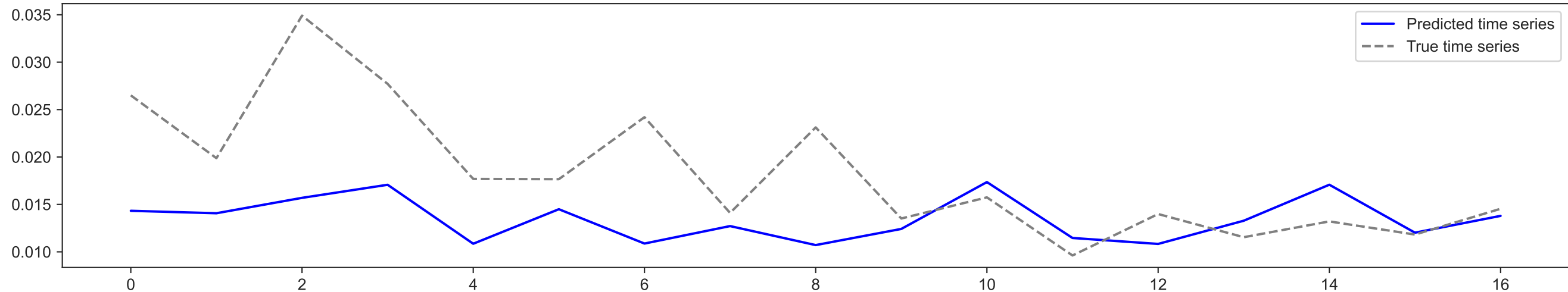
TGT, RMSE =0.005917889793519996



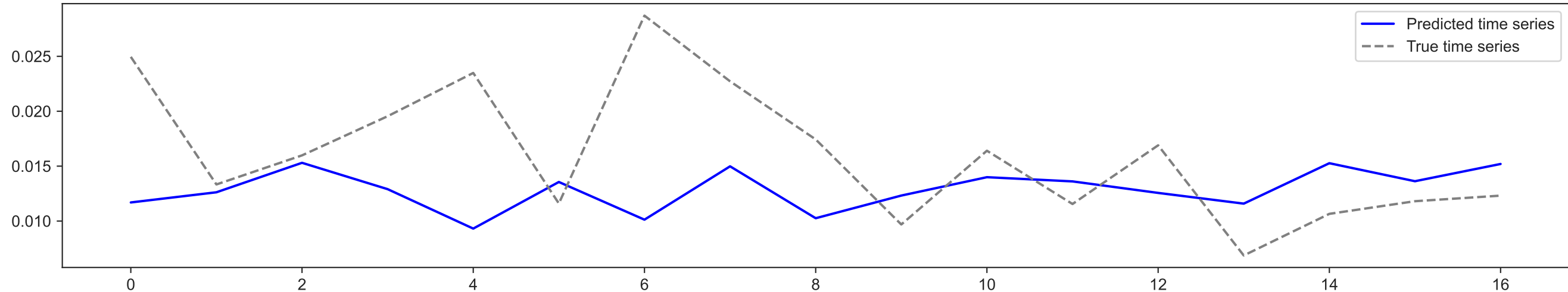
MKC, RMSE =0.003997023881755586



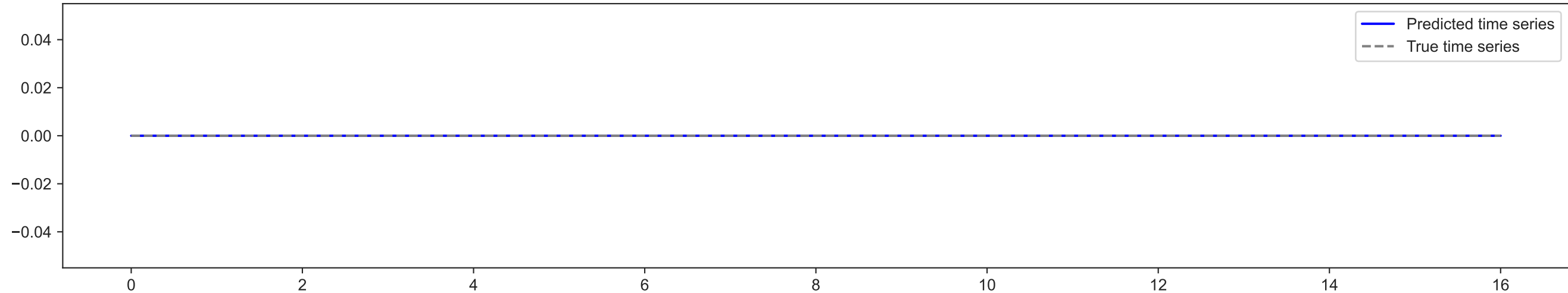
AAPL, RMSE =0.008008544500747132



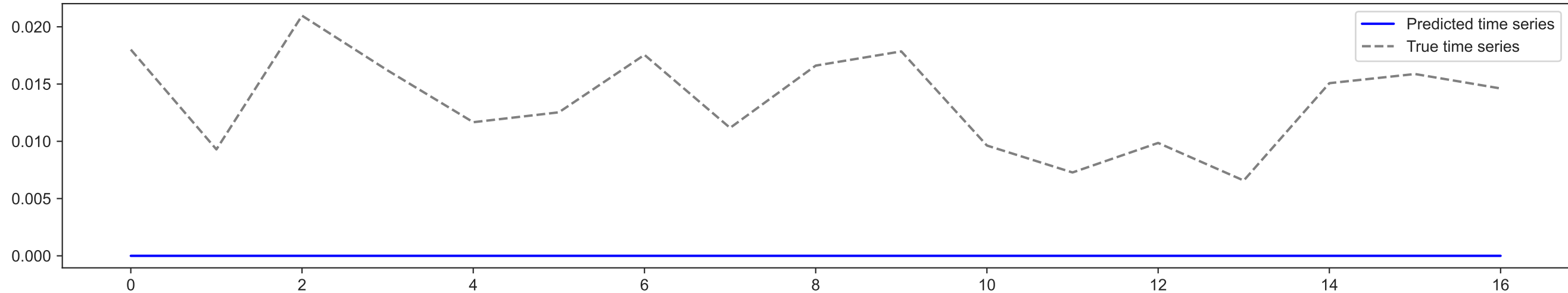
TDY, RMSE =0.0075663730624014125



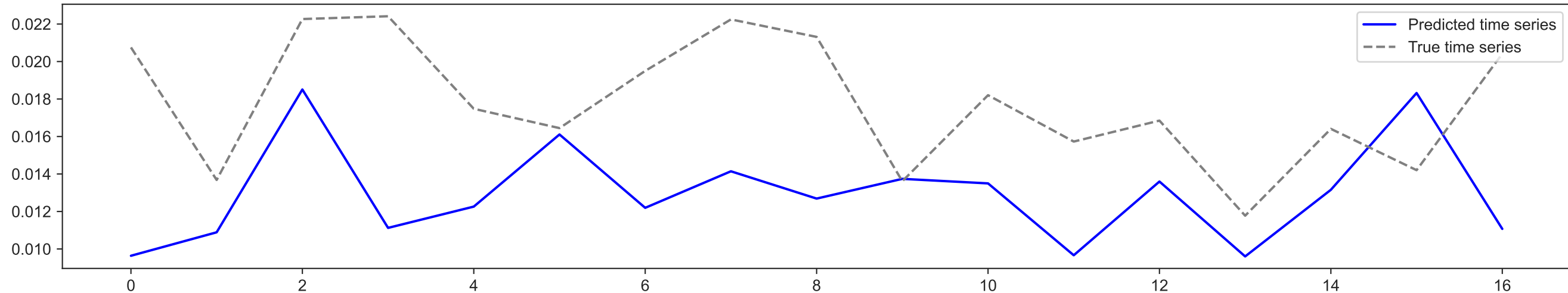
CEG, RMSE =0.0



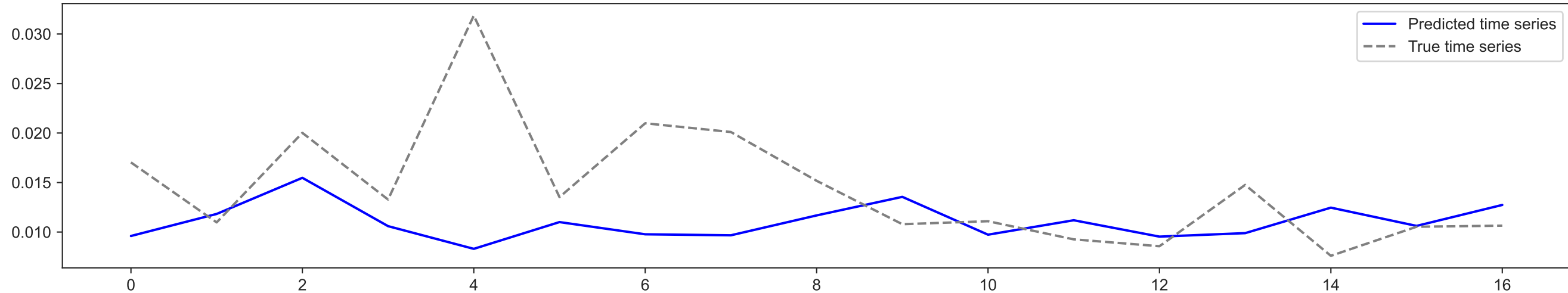
OTIS, RMSE =0.014168786946090093



WY, RMSE =0.006338054121293212

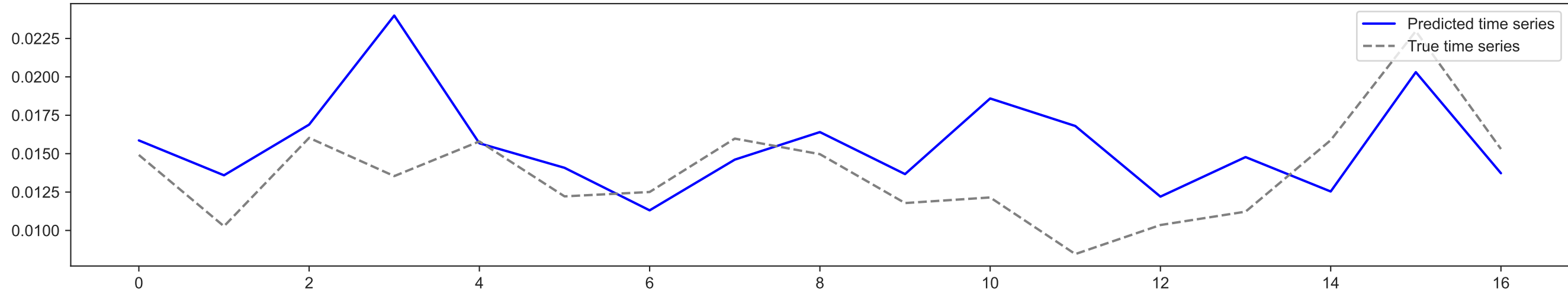


APD, RMSE =0.00750447592299588

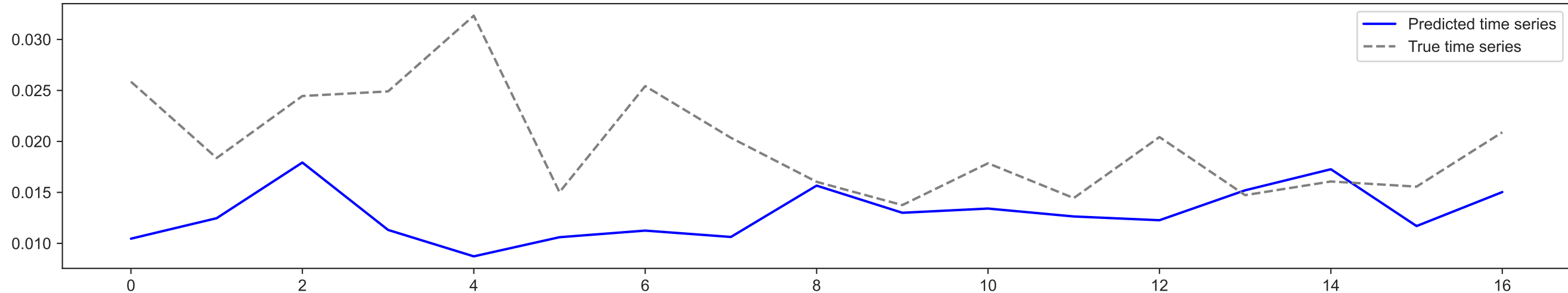




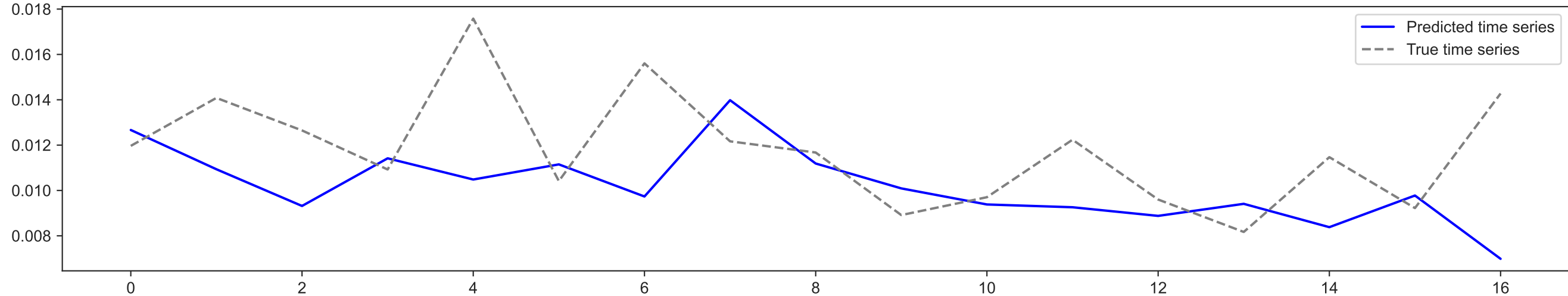
GRMN, RMSE =0.004074563755313805



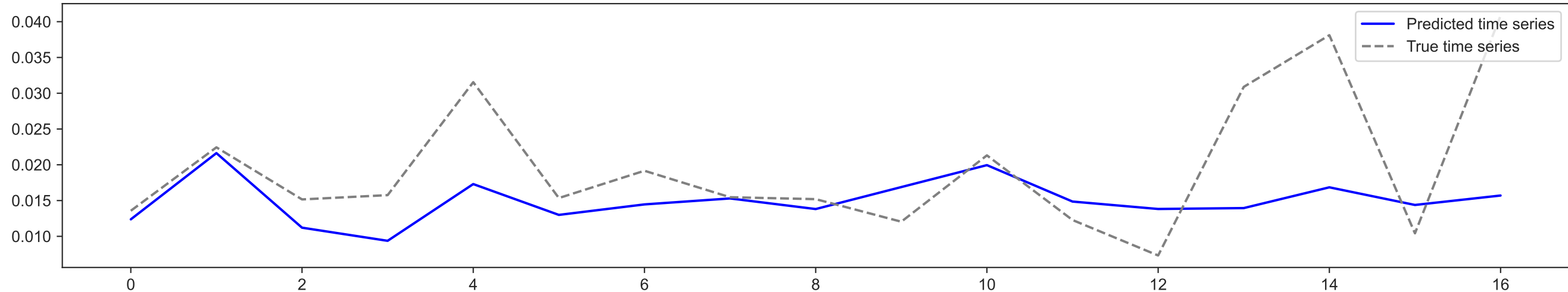
HLT, RMSE =0.009431745387387017



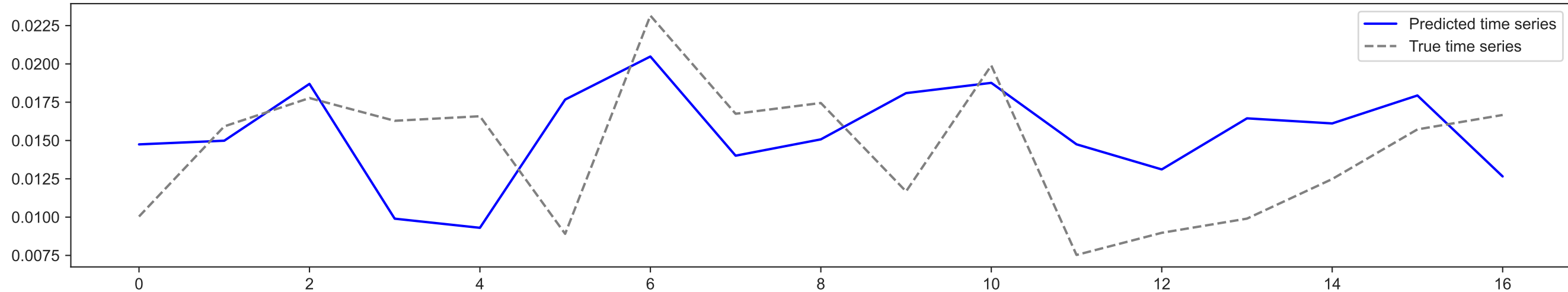
AEE, RMSE =0.0033081741987898705



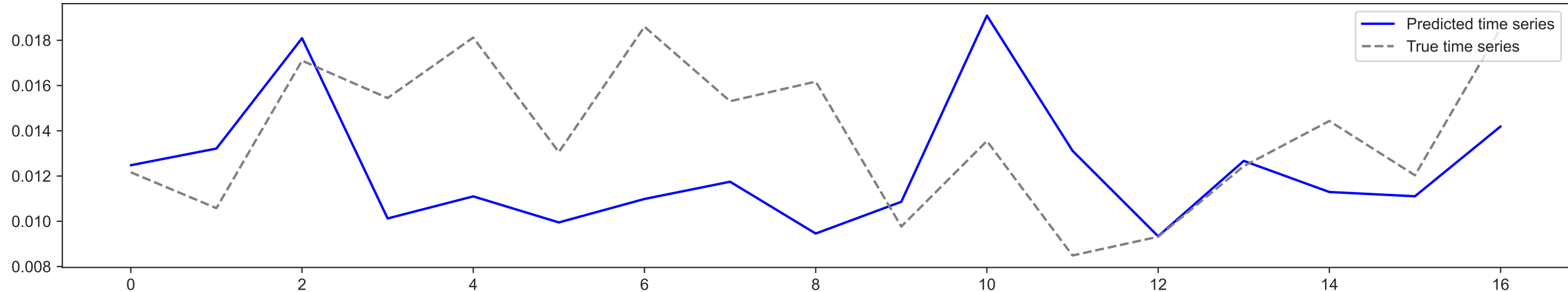
DLTR, RMSE =0.010151695401954855



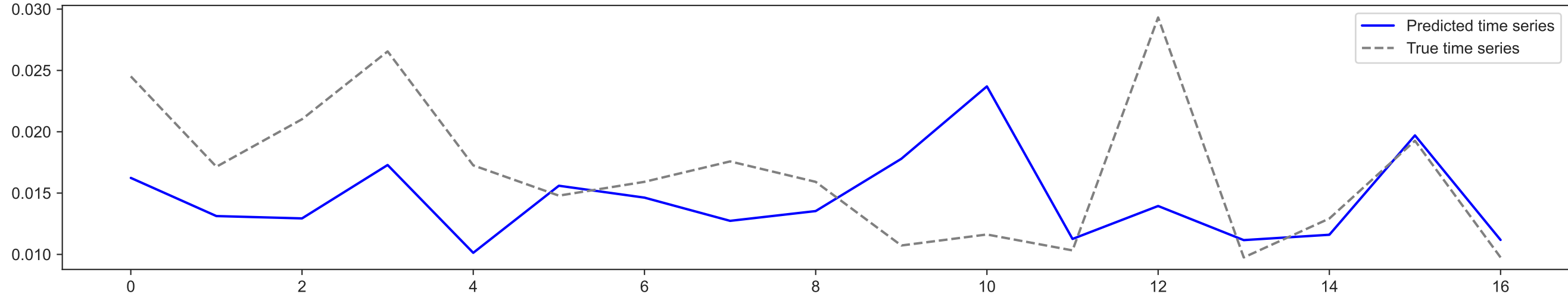
TMUS, RMSE =0.004872128484802645



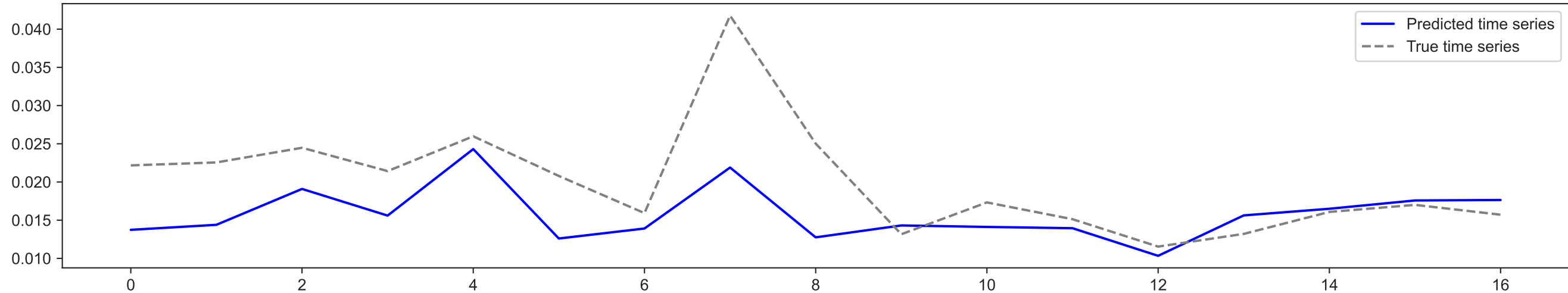
STE, RMSE =0.004158130636781719



HAS, RMSE =0.006673712727259936

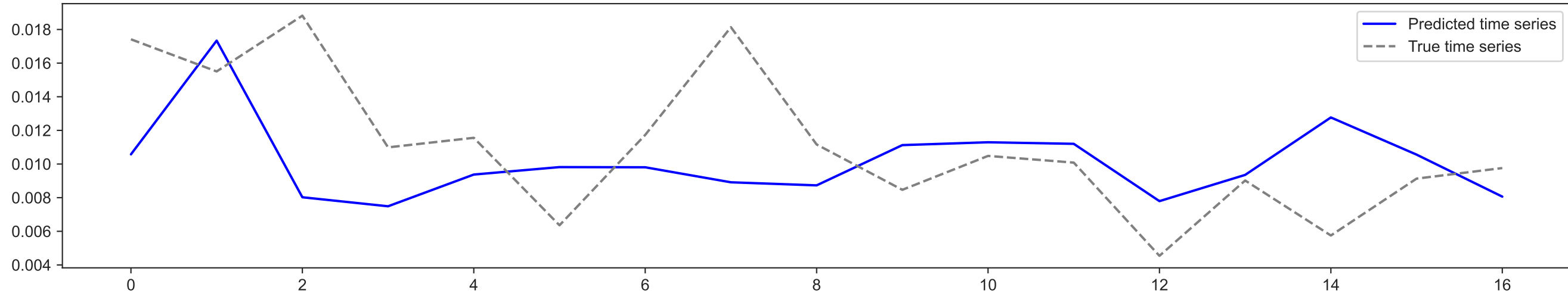


NTAP, RMSE =0.0070482022195209925

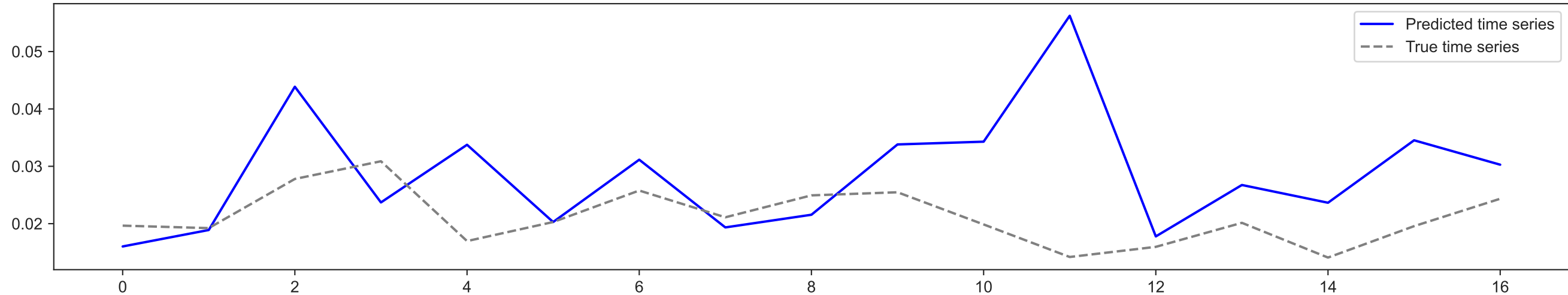




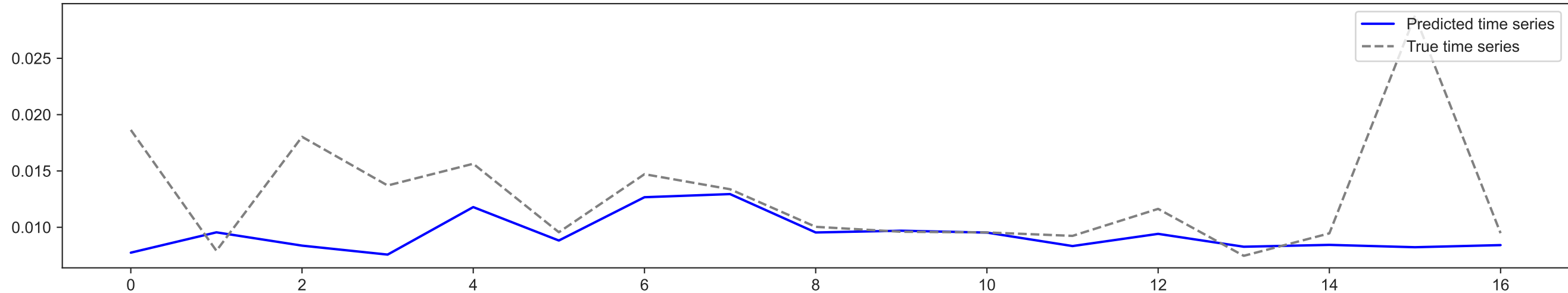
WMT, RMSE =0.004628816995086332



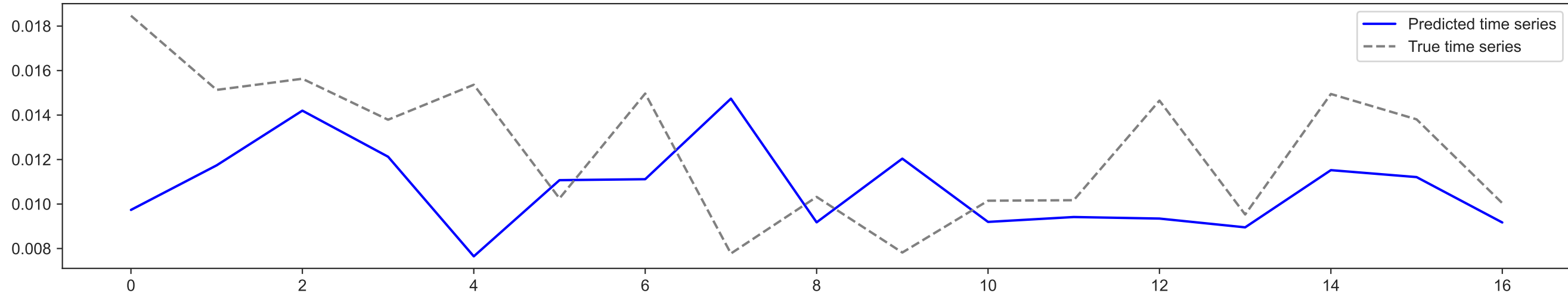
ABMD, RMSE =0.013485841994713022



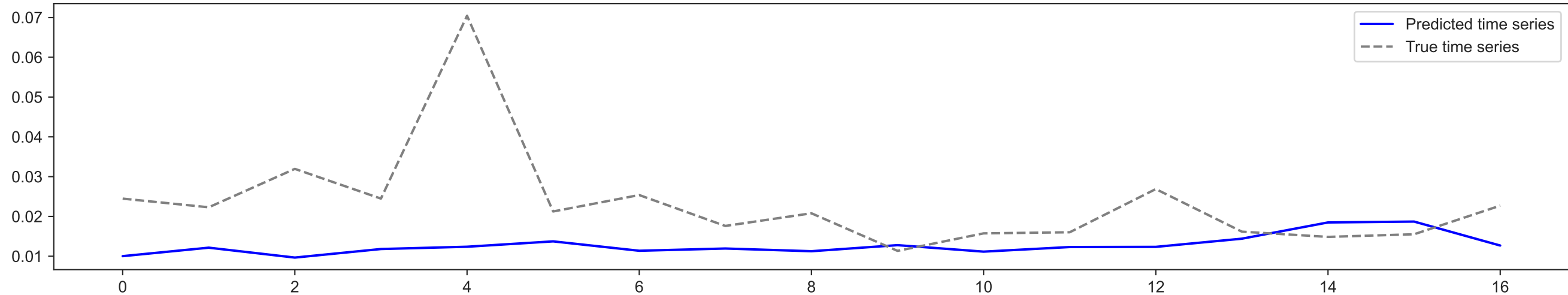
LMT, RMSE =0.006432519661243396



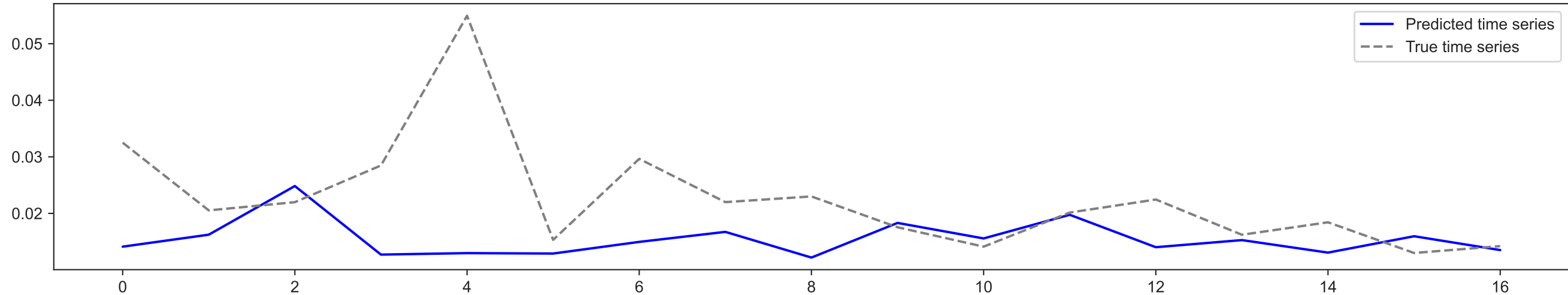
BAX, RMSE =0.0040896648613889825



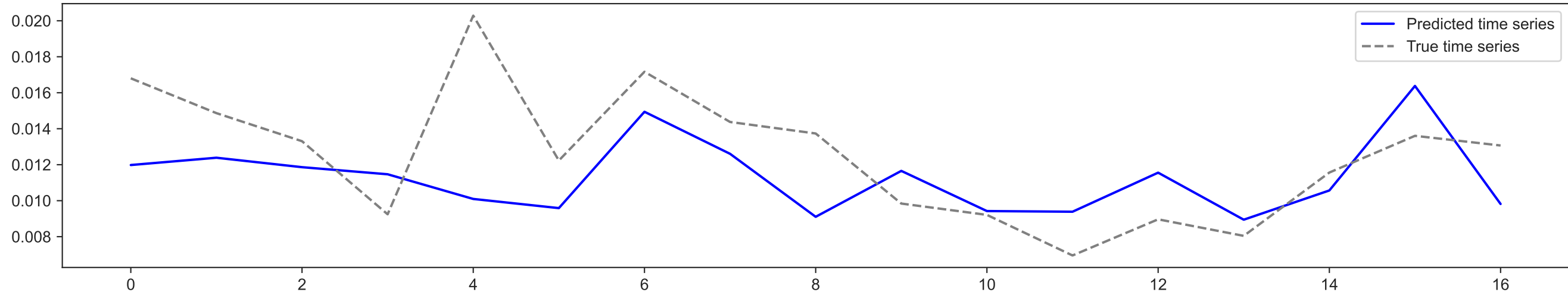
KIM, RMSE =0.01730091386107768



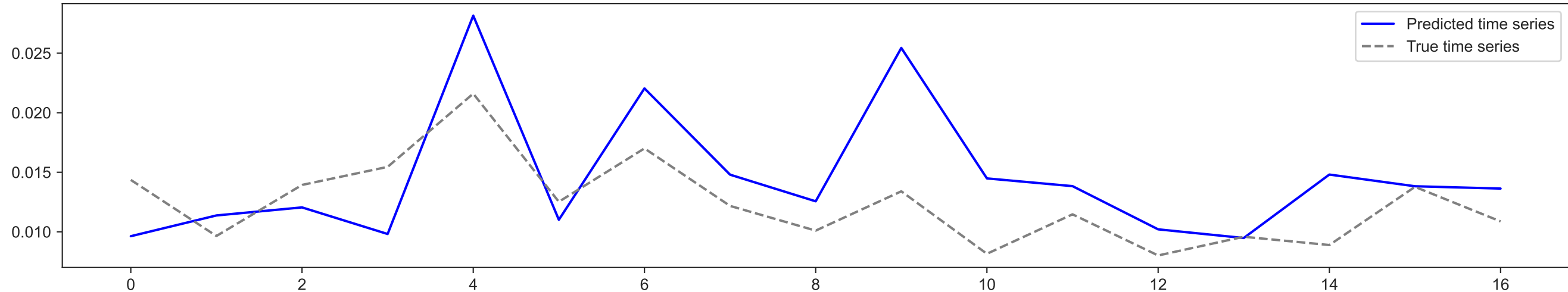
KEY, RMSE =0.012954214944651357



PSA, RMSE =0.003537844465912335

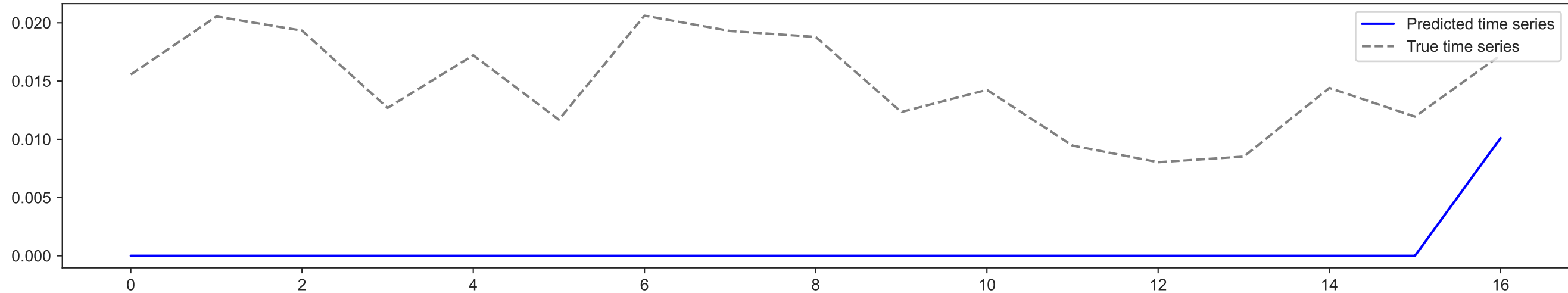


BMY, RMSE =0.004741792329759311

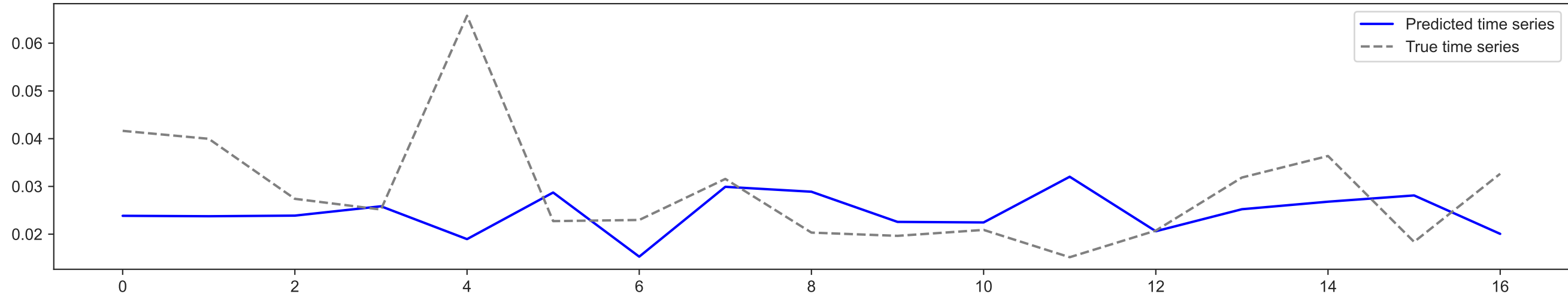




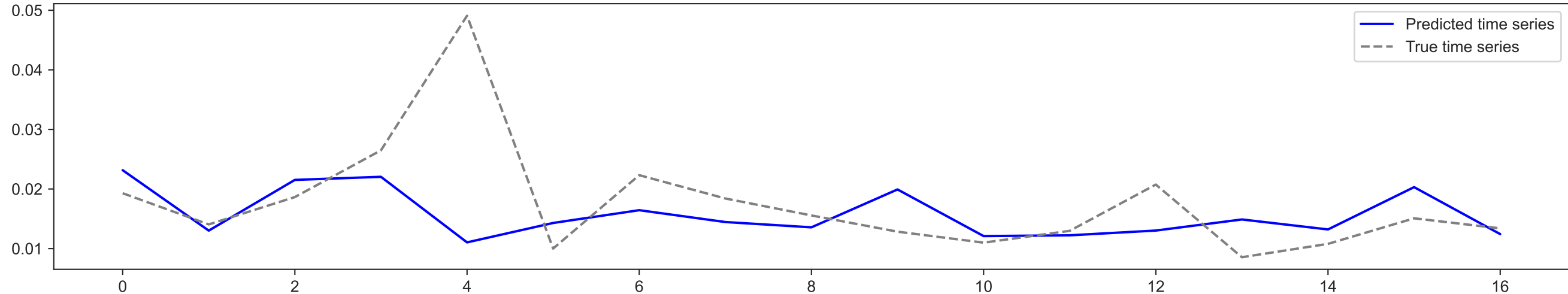
KEYS, RMSE =0.014881613831542604



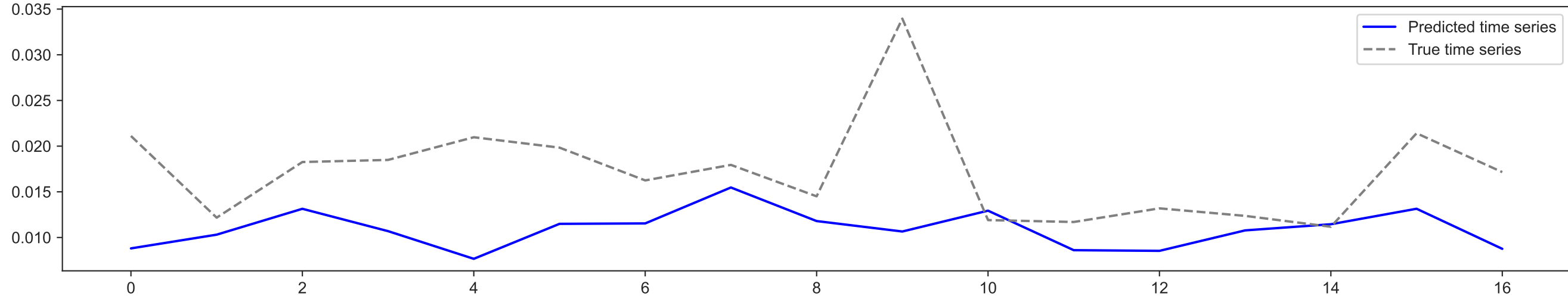
WYNN, RMSE =0.014625405600821666



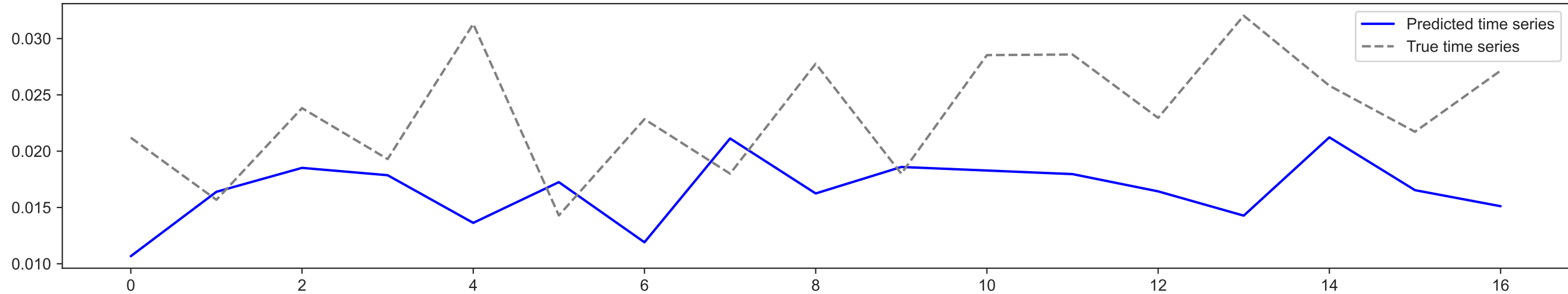
RHI, RMSE =0.010144968845600746



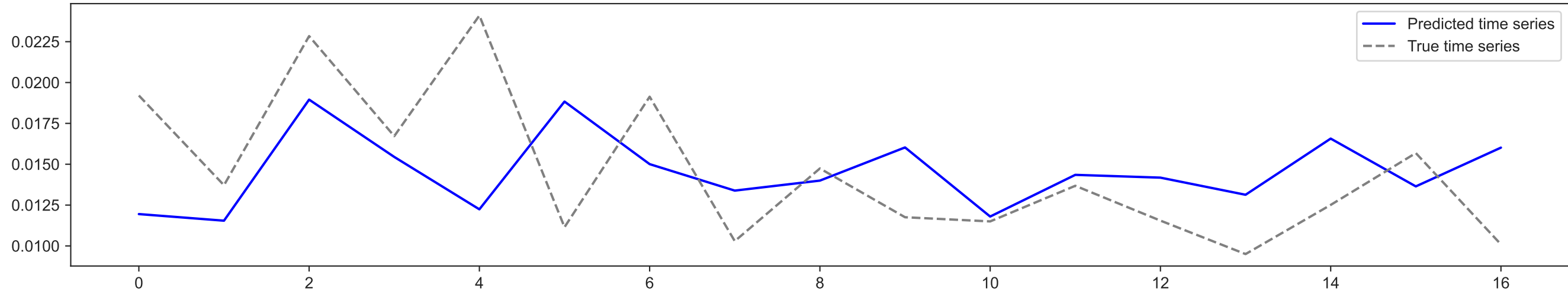
EFX, RMSE =0.008542857354715548



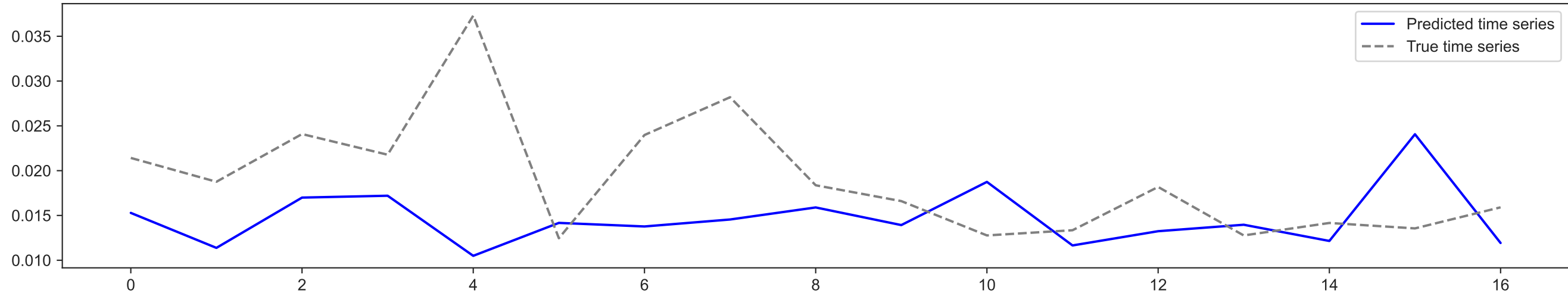
NUE, RMSE =0.009372576964843275



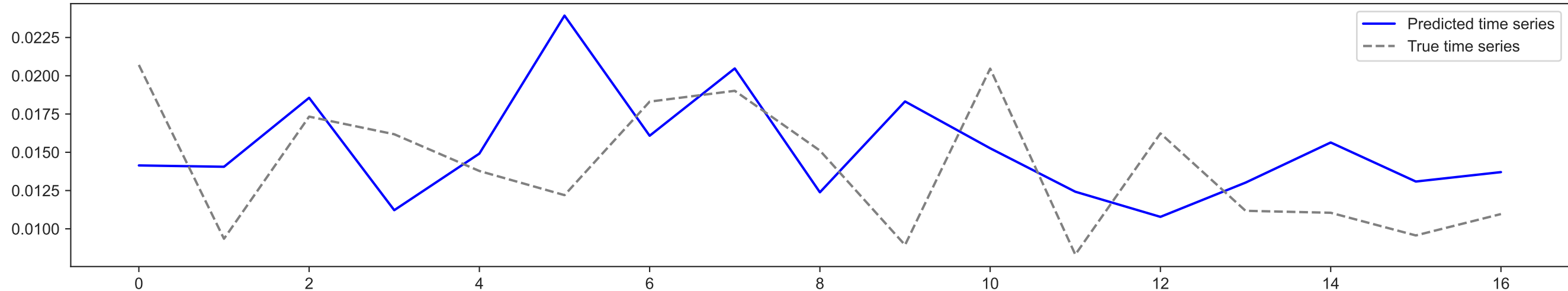
PKG, RMSE =0.004823769443308265



WAB, RMSE =0.009020372834237787

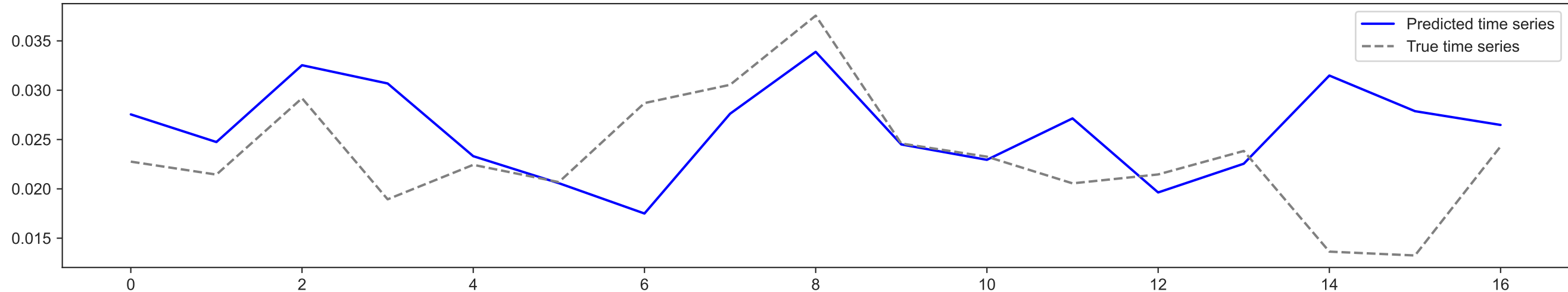


CTSH, RMSE =0.0051500012947818564

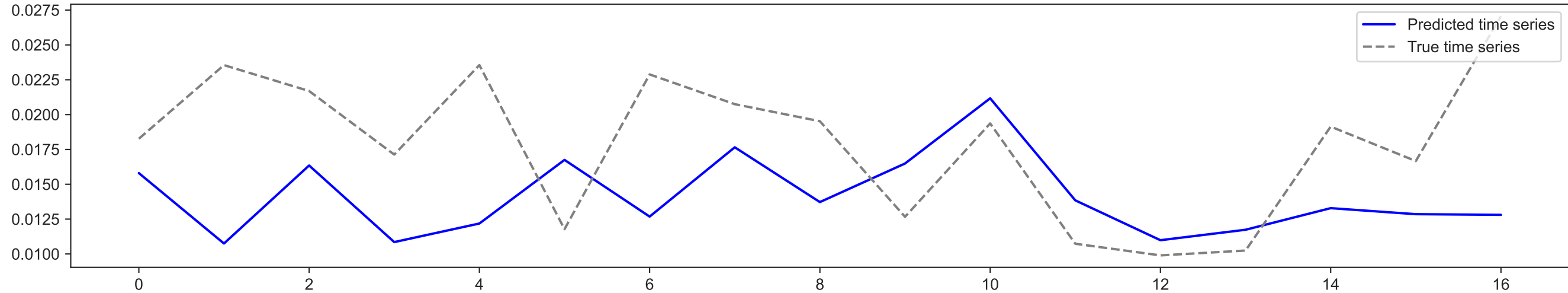




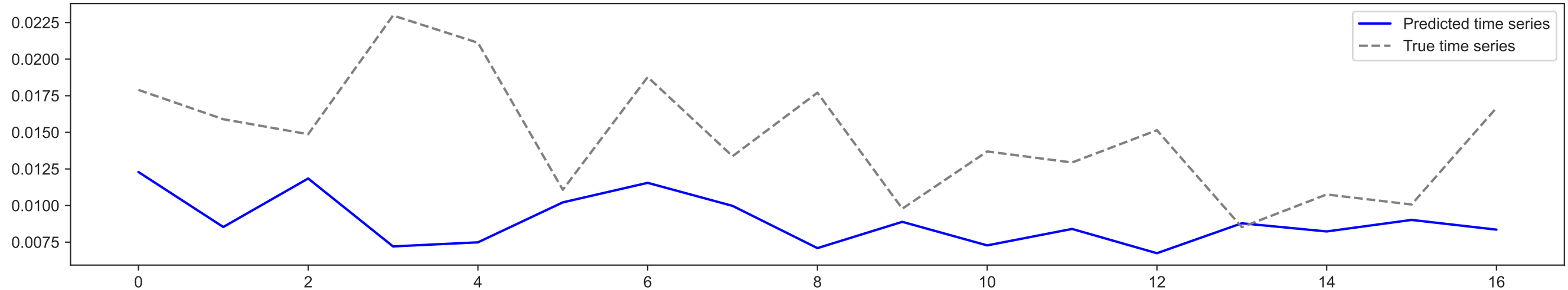
MU, RMSE =0.0073438729873301



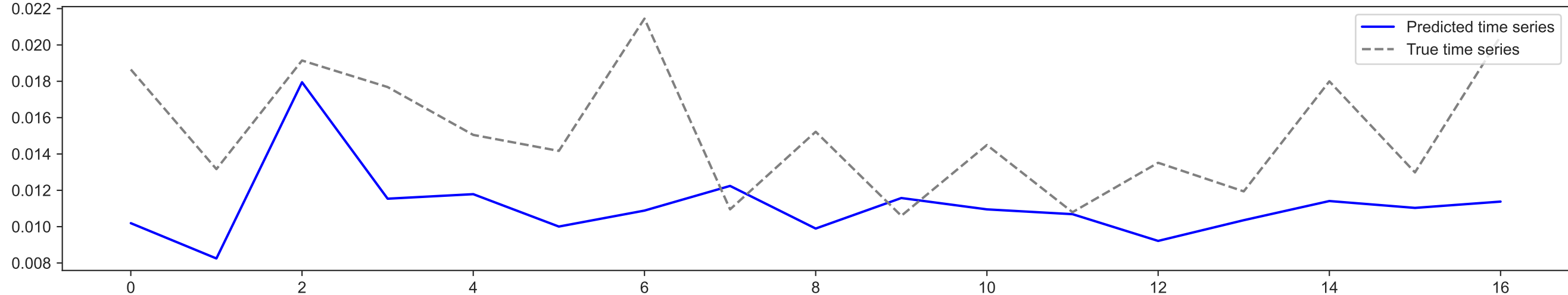
CRL, RMSE =0.006954429212902323



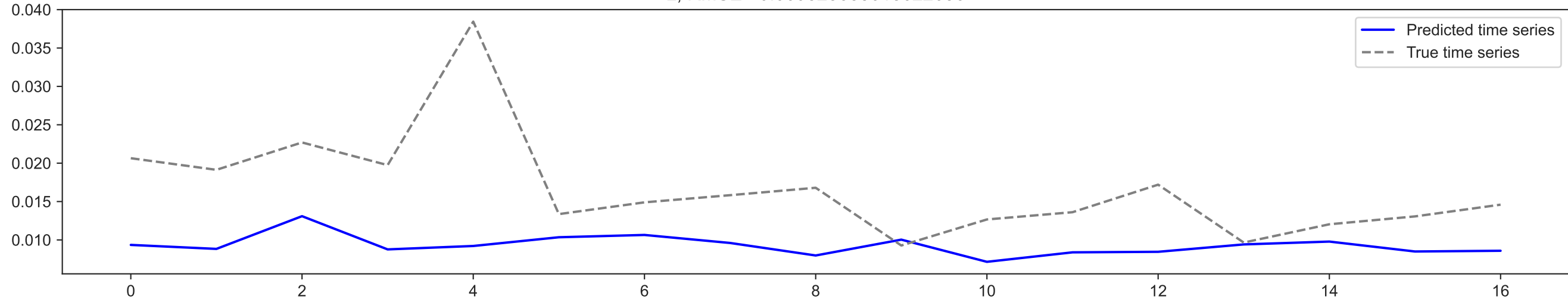
TRV, RMSE =0.007342090390058503



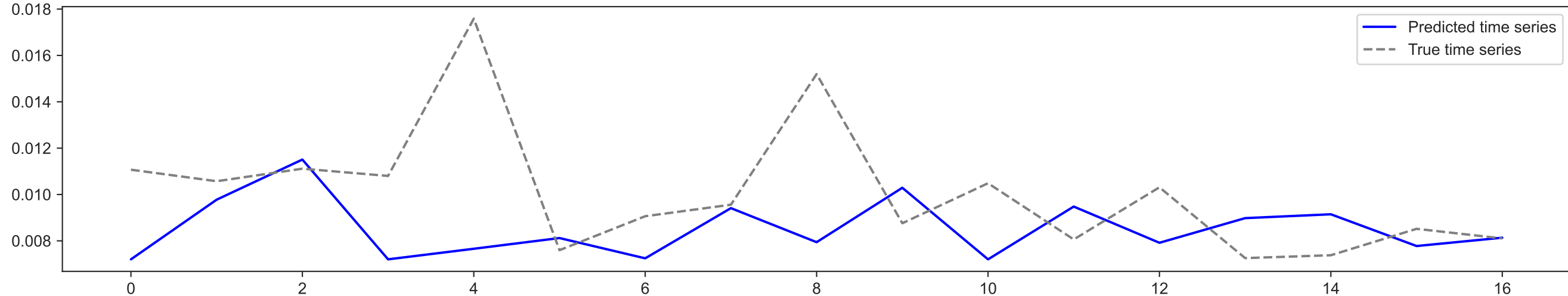
SWK, RMSE =0.005253176283039208



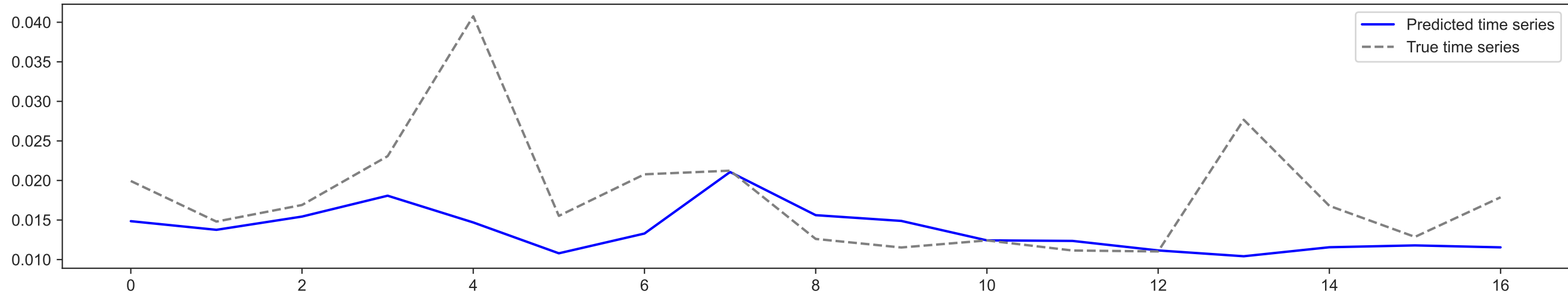
L, RMSE =0.009825683018622636



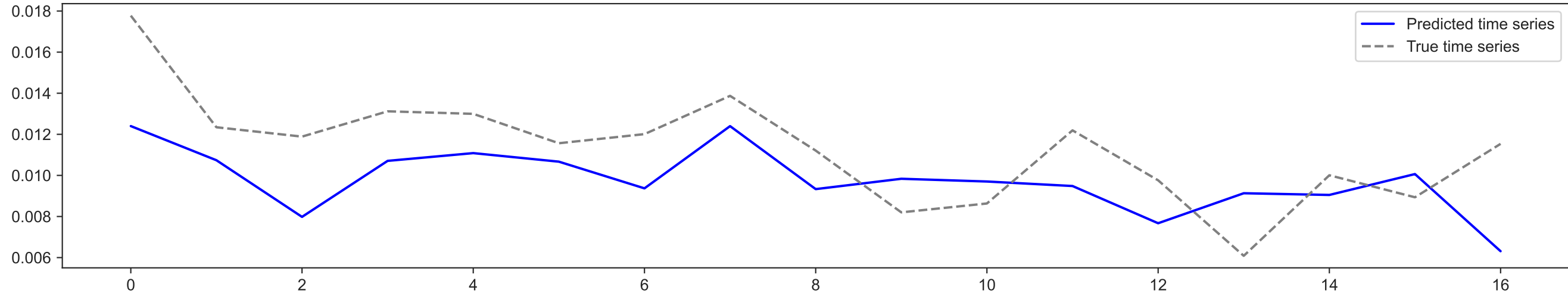
BRK-B, RMSE =0.003523122898662377



CI, RMSE =0.008402421251365111

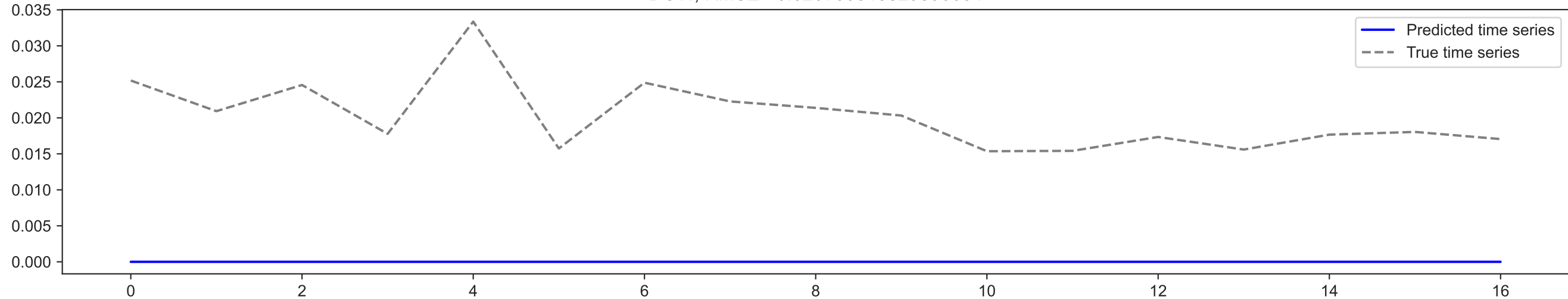


AEP, RMSE =0.002700283018631229

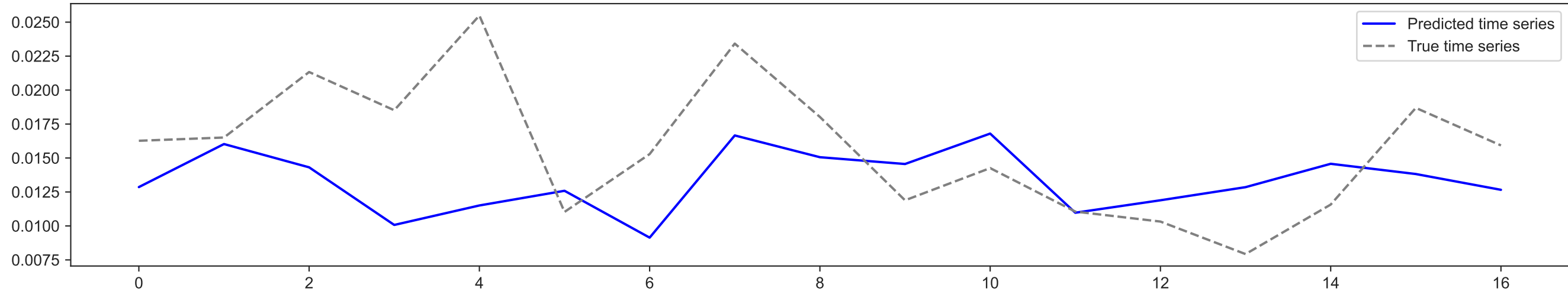




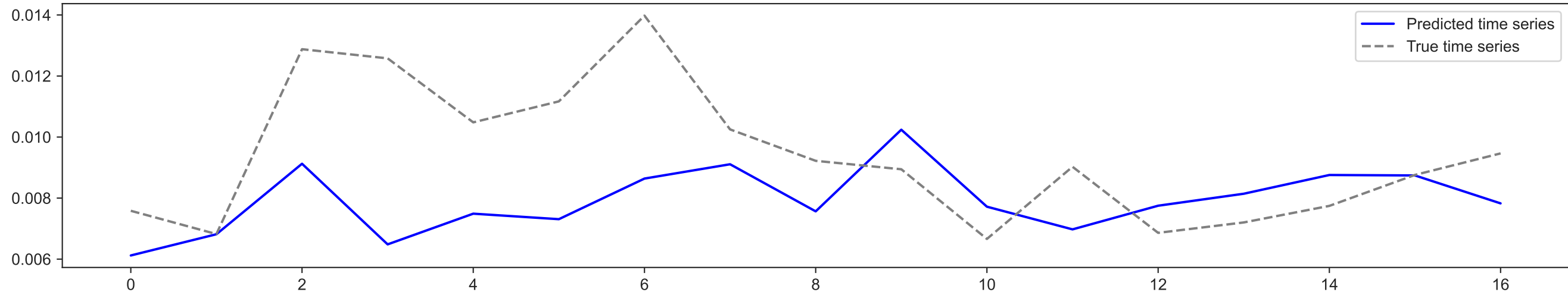
DOW, RMSE =0.020700518829896684



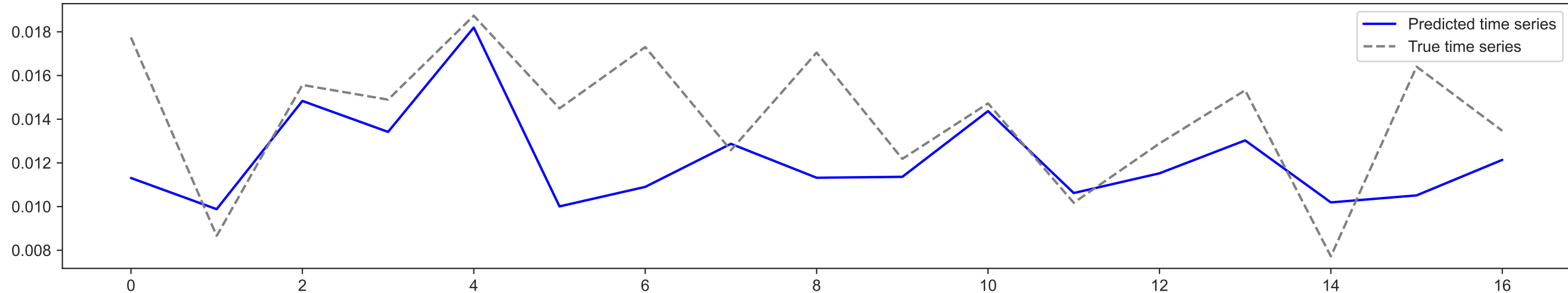
CDW, RMSE =0.0054572007762652575



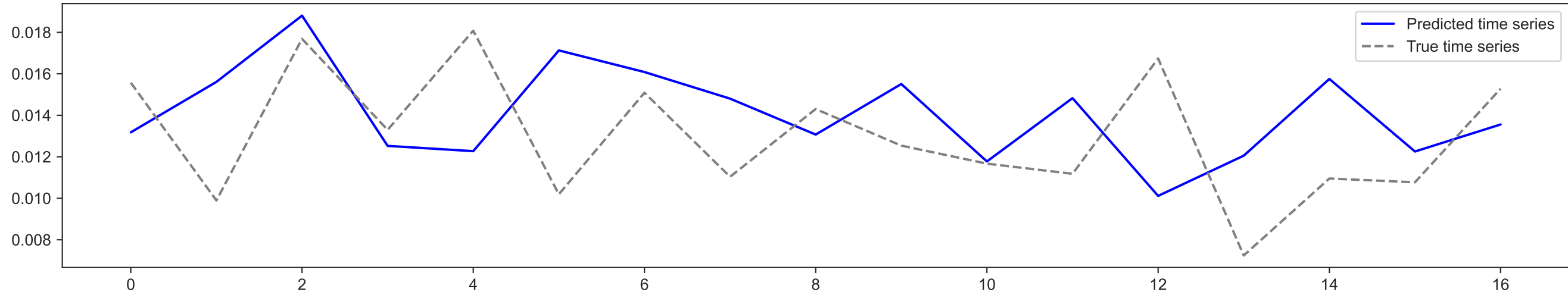
JNJ, RMSE =0.002680688571459835



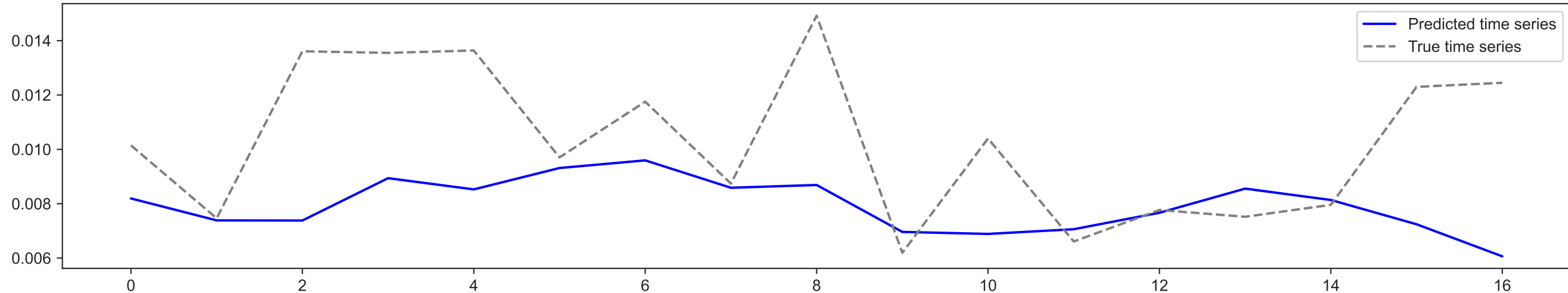
BALL, RMSE =0.0033485499852286453



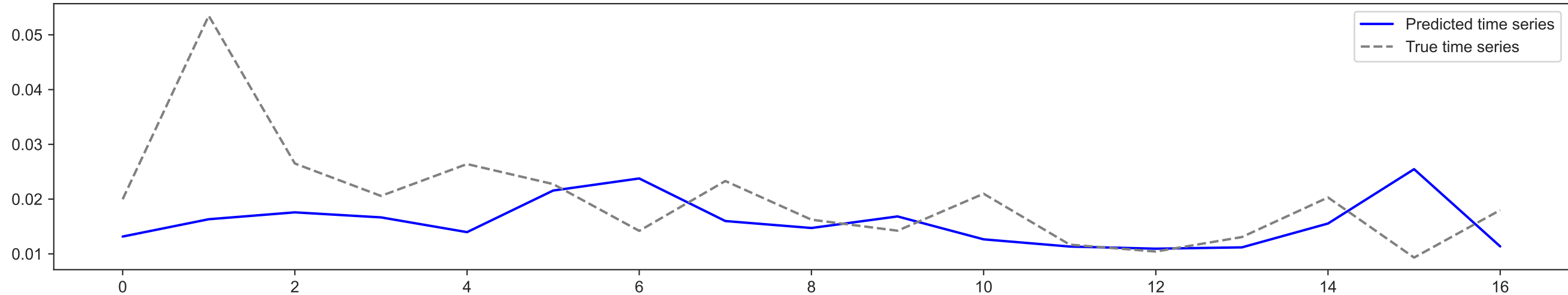
DOV, RMSE =0.0038810771719958114



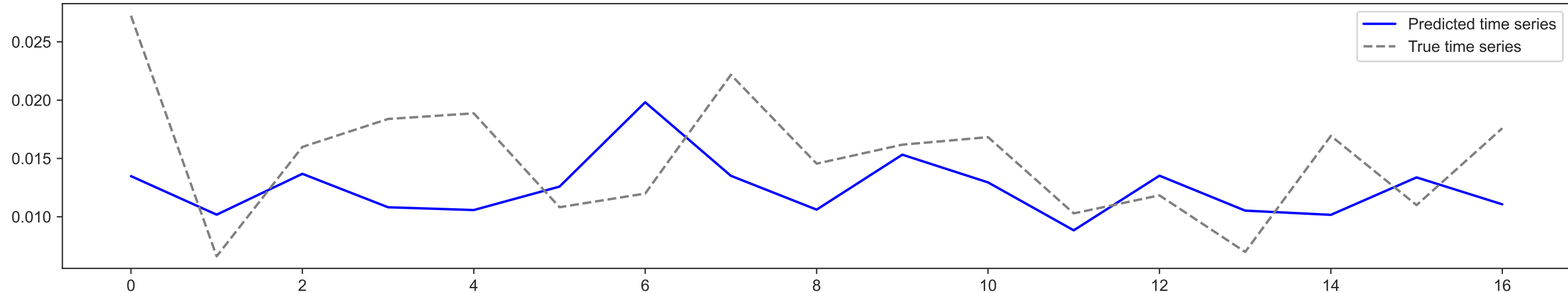
WM, RMSE =0.0035500239362782813



CRM, RMSE =0.011460191571259899

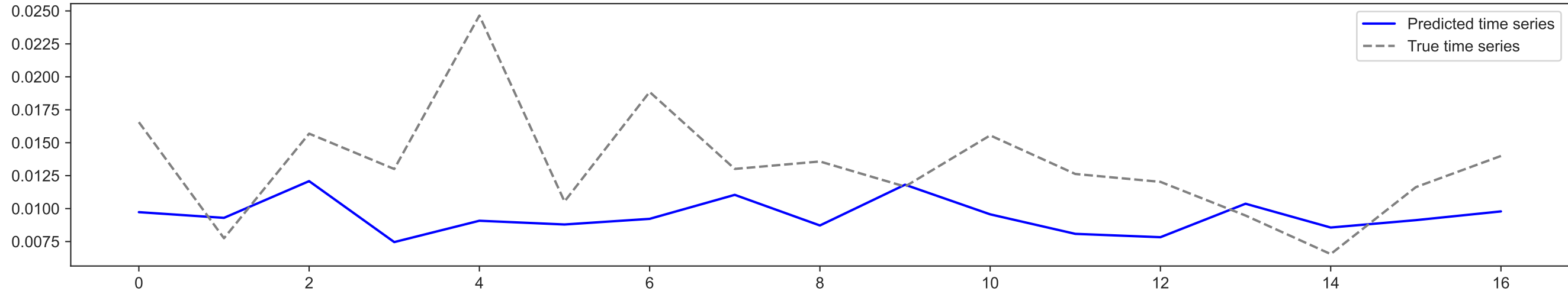


WAT, RMSE =0.006019608942954574

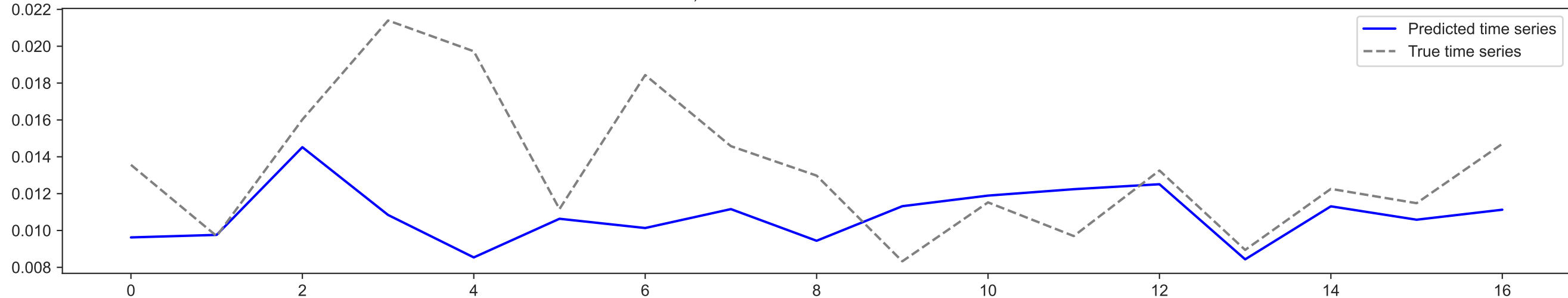




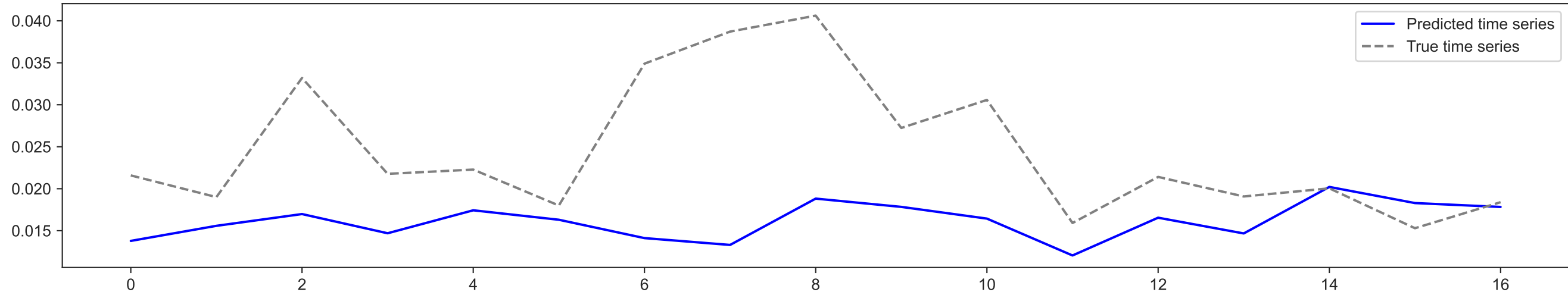
PGR, RMSE =0.005747423996405012



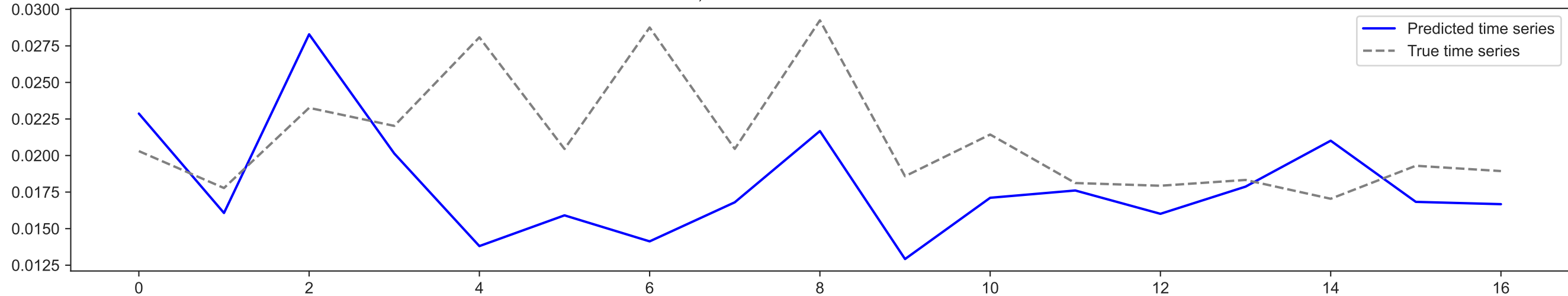
IEX, RMSE =0.00471909925332026



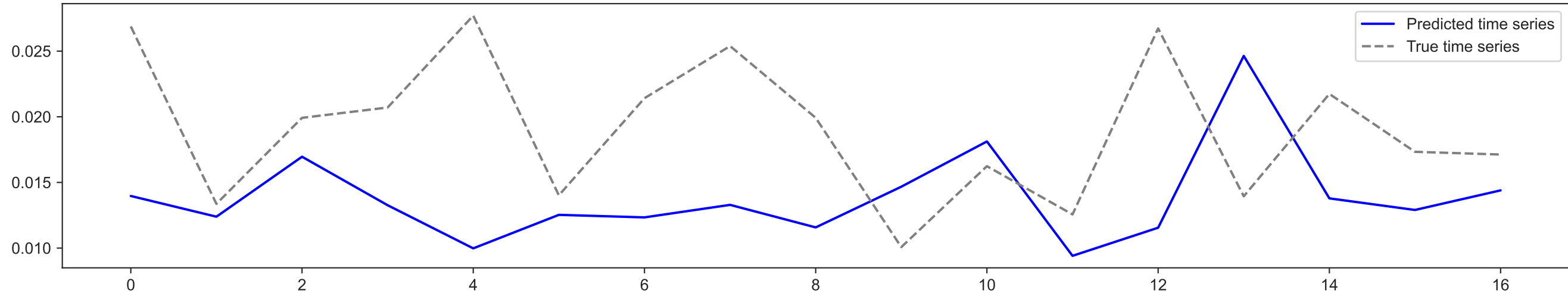
LRCX, RMSE =0.011681390453292228



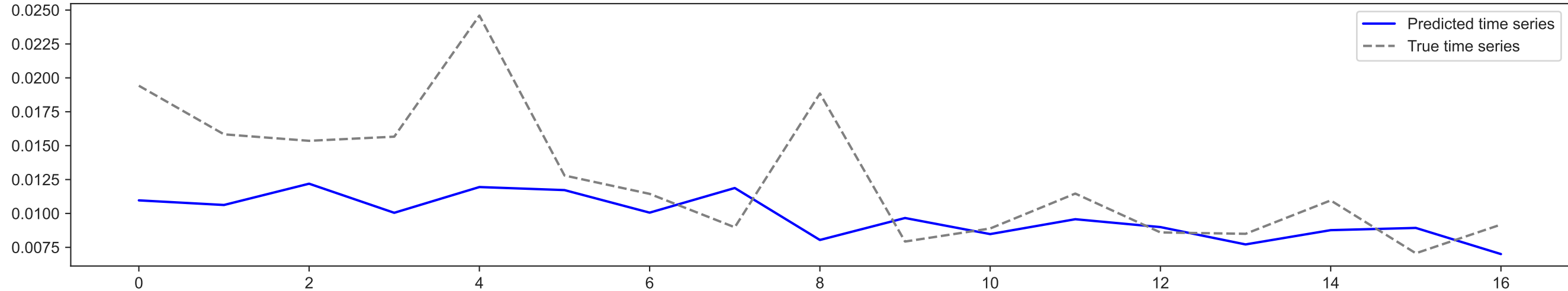
BWA, RMSE =0.006085678849919392



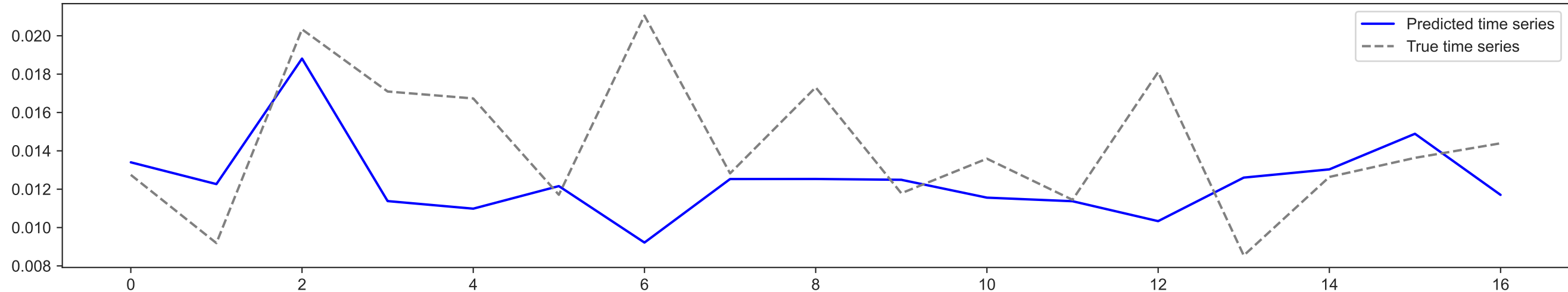
NWL, RMSE =0.008798979451182055



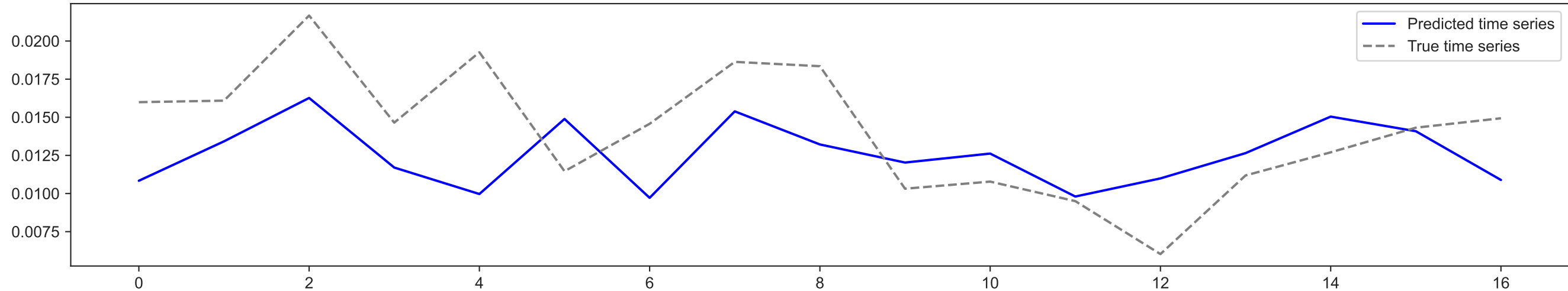
PPL, RMSE =0.005139076878623492



BLK, RMSE =0.004416067051705629

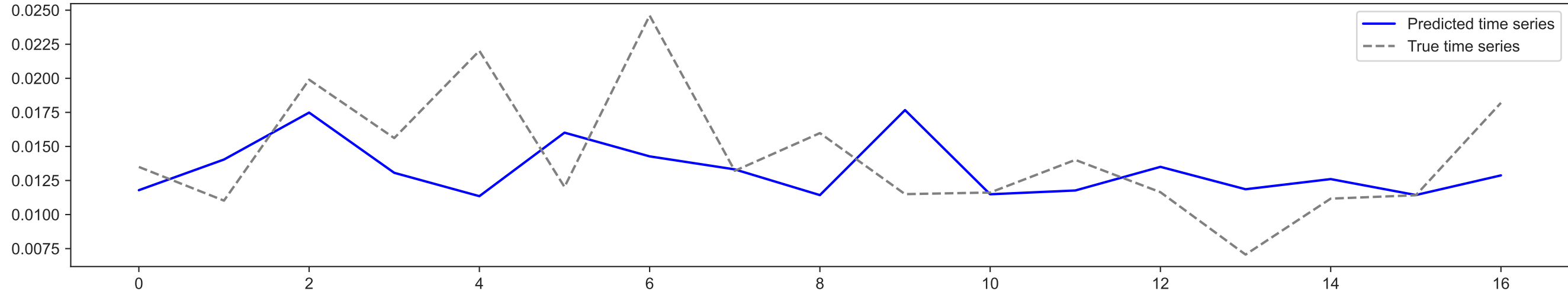


SBAC, RMSE =0.004096296127778682

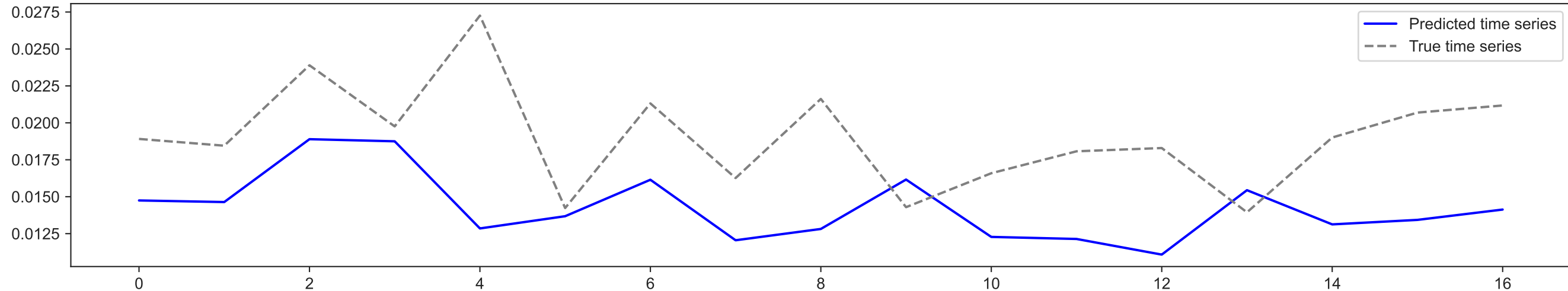




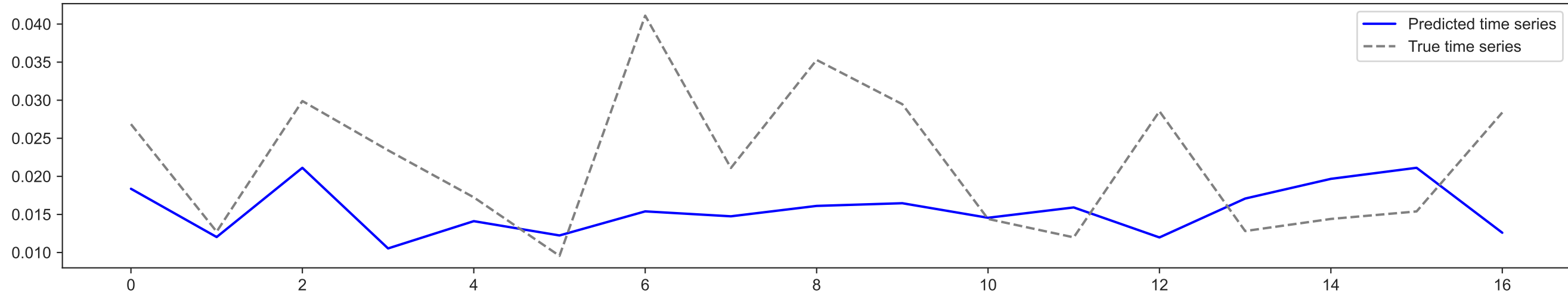
ROK, RMSE =0.004737427193869971



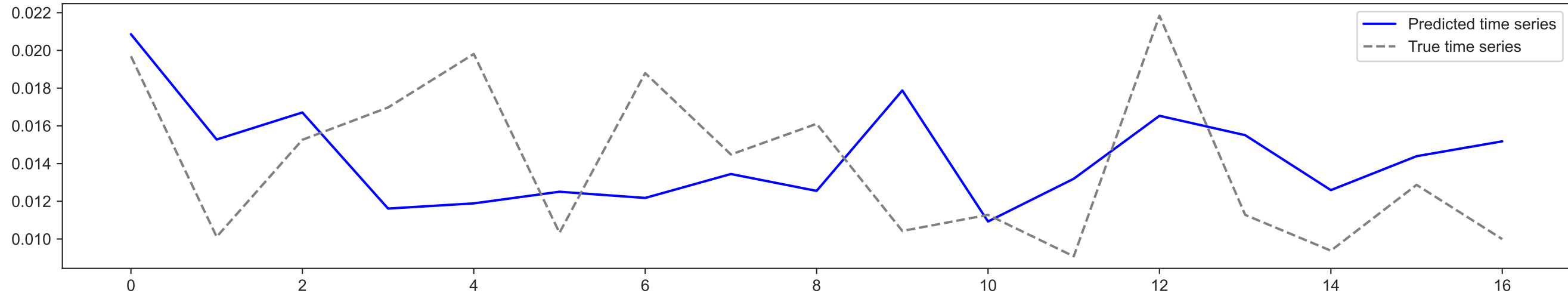
EMN, RMSE =0.006117499176503242



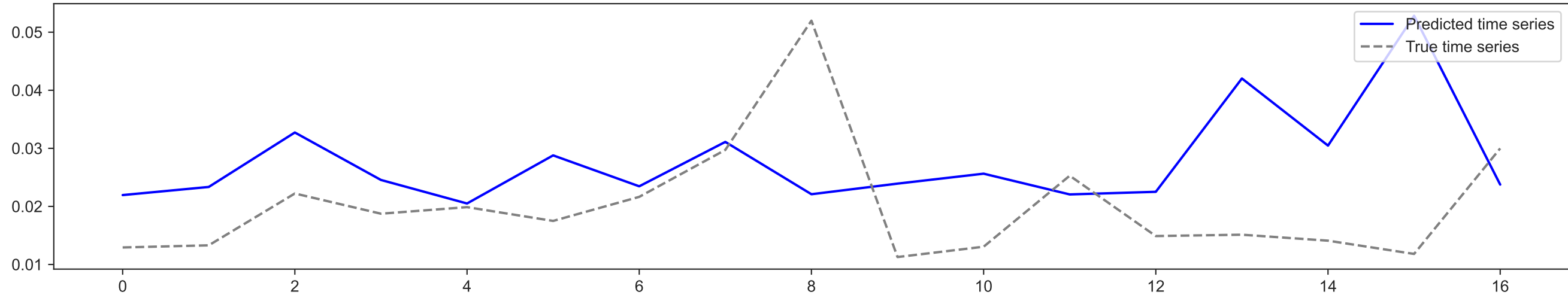
PTC, RMSE =0.01134520331645658



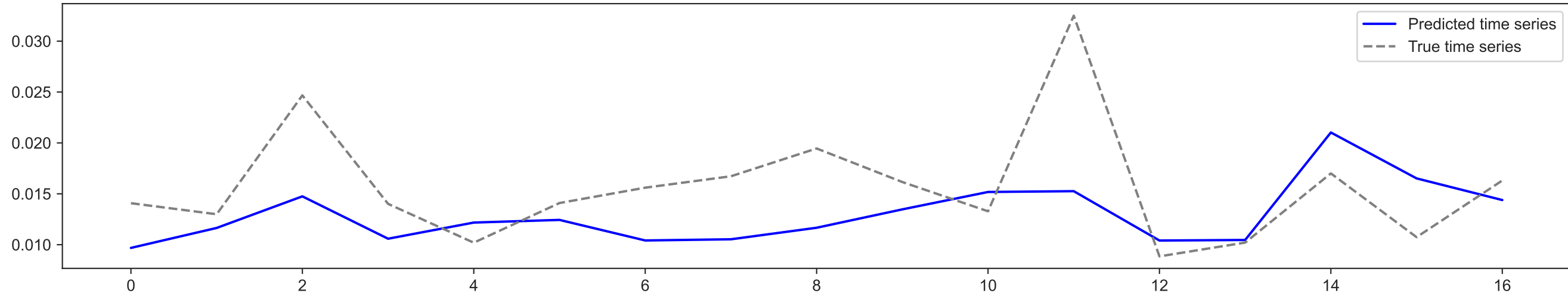
NSC, RMSE =0.0044857116692098575



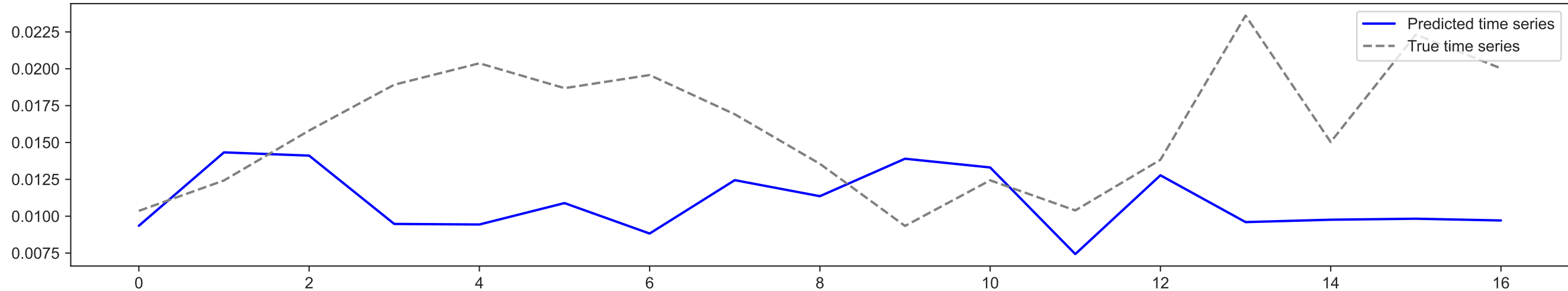
NRG, RMSE =0.016182896831957373



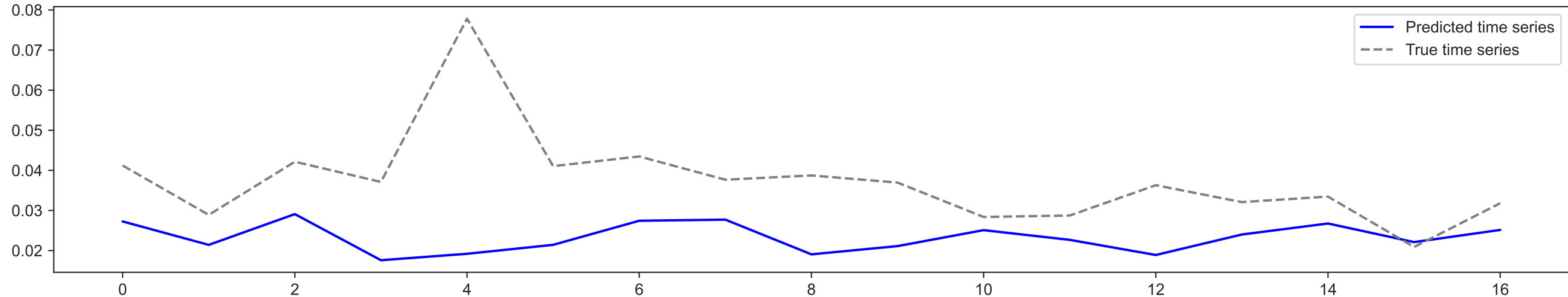
NKE, RMSE =0.006076479270109102



FIS, RMSE =0.007417818922346238

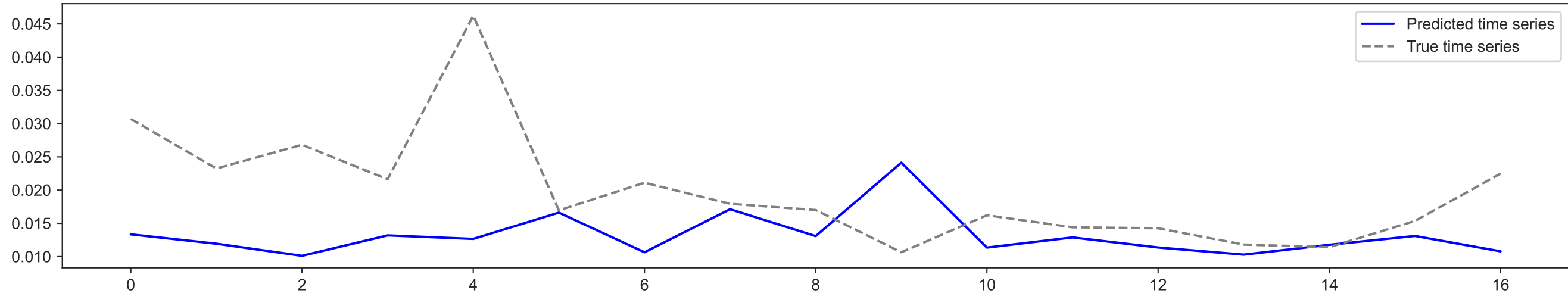


FANG, RMSE =0.018980290529139698

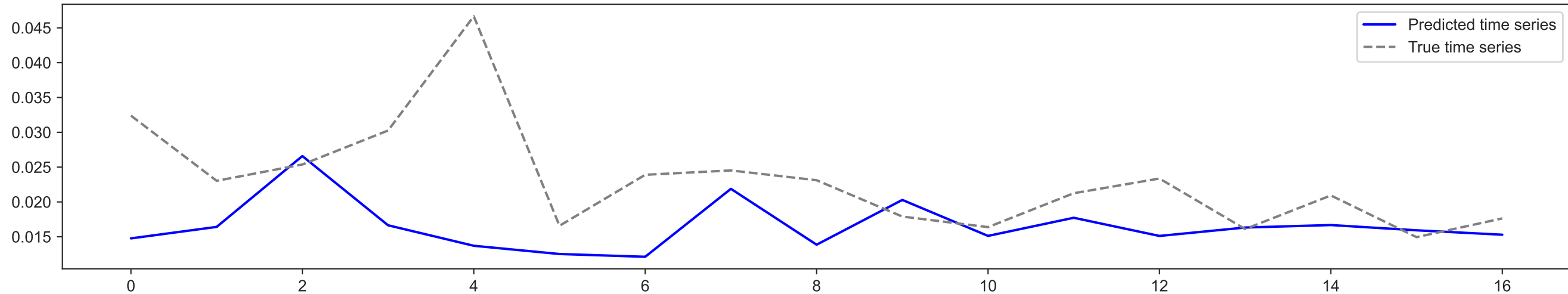




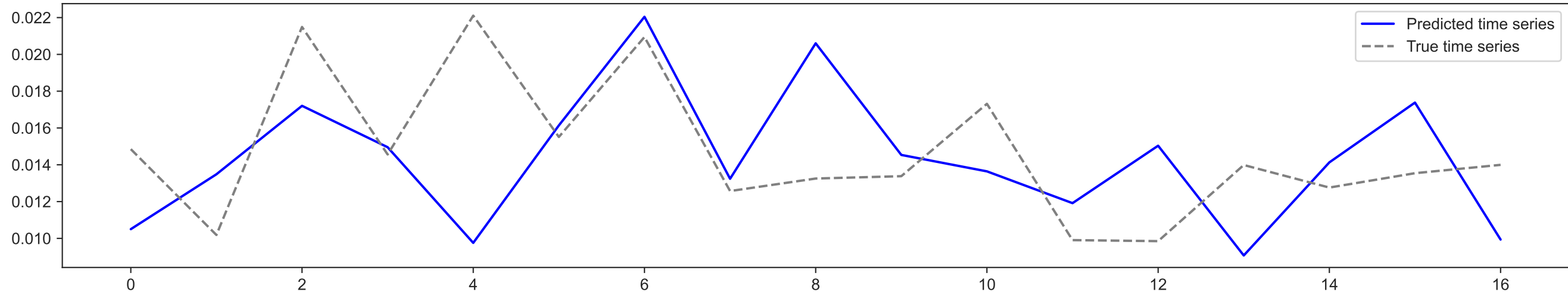
VTR, RMSE =0.011864158405452858



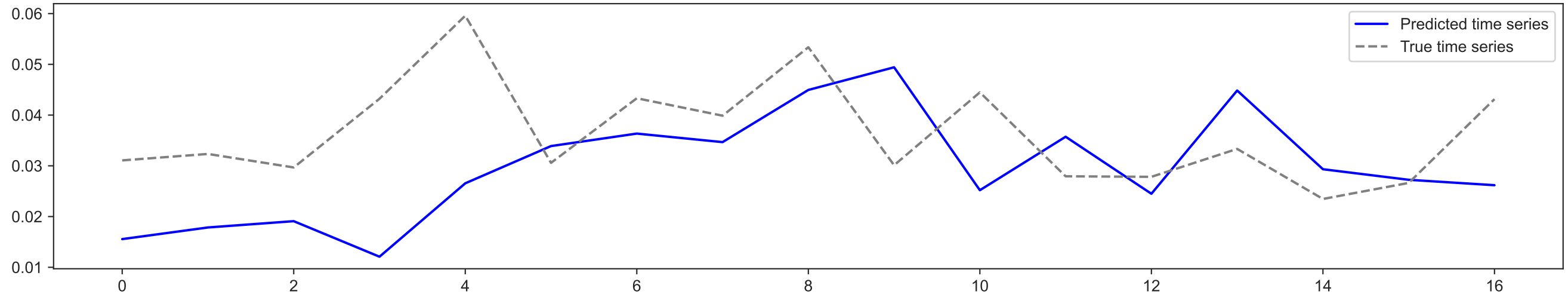
RF, RMSE =0.01081271305352404



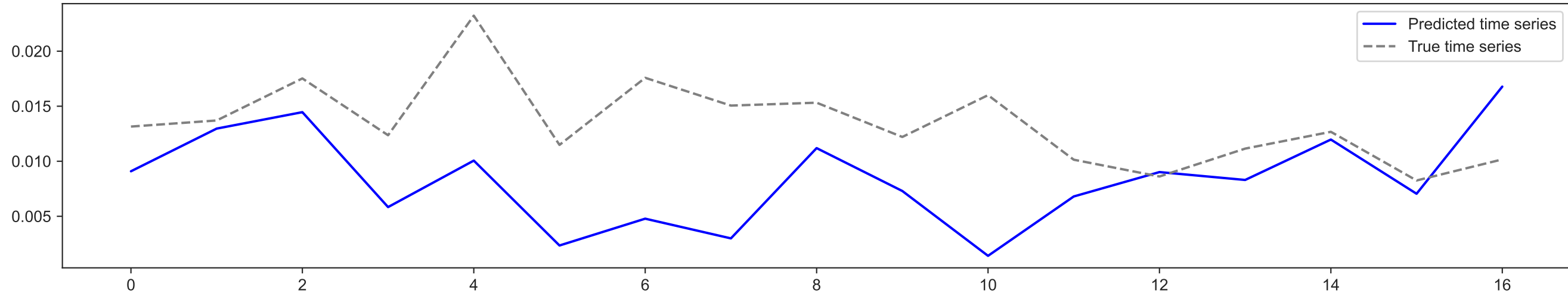
MAS, RMSE =0.004600991960012819



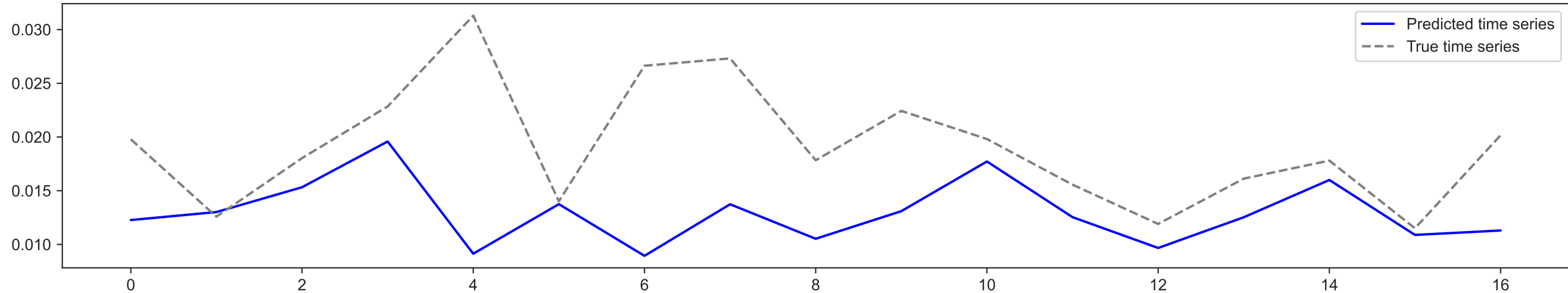
ETSY, RMSE =0.015438175618029326



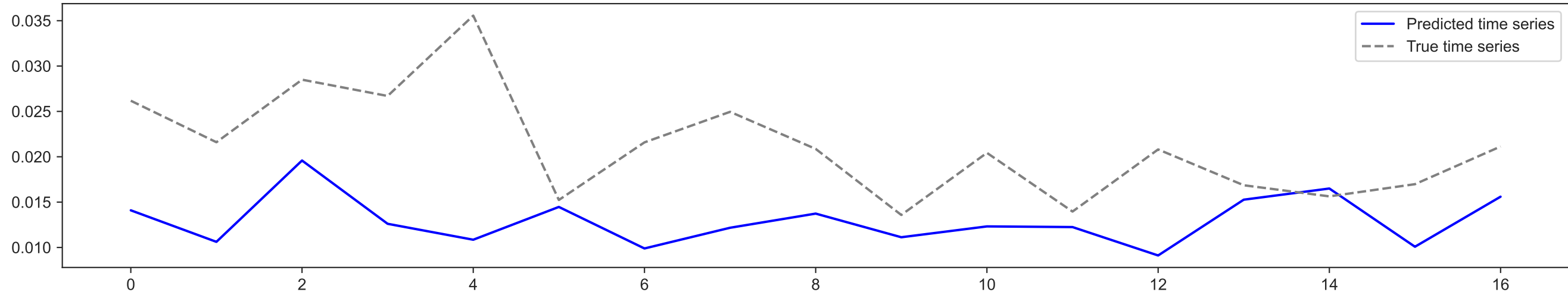
AMCR, RMSE =0.007493523156347378



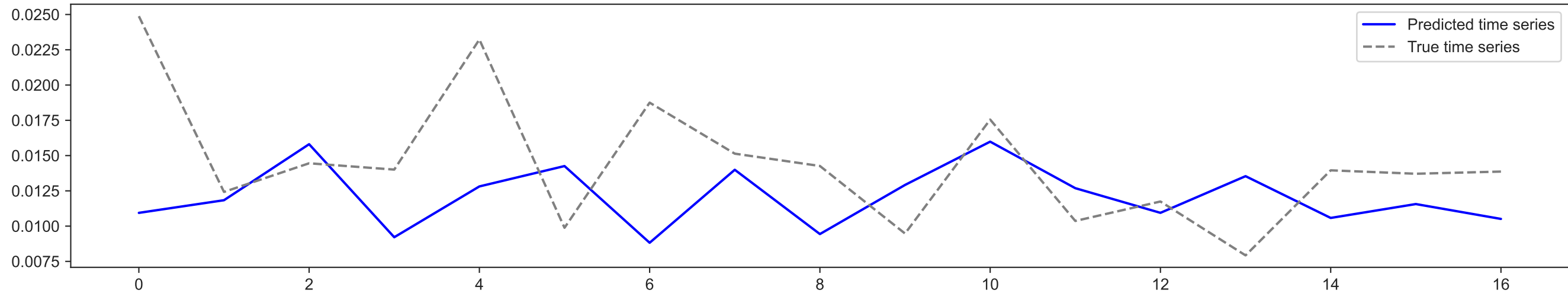
TAP, RMSE =0.008803465262812029



MAR, RMSE =0.010288426999630774

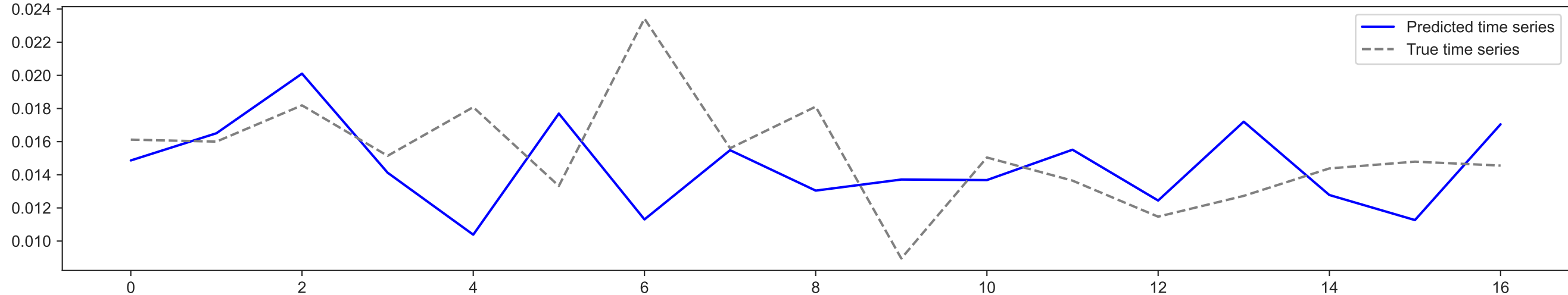


XYL, RMSE =0.005685362555987039

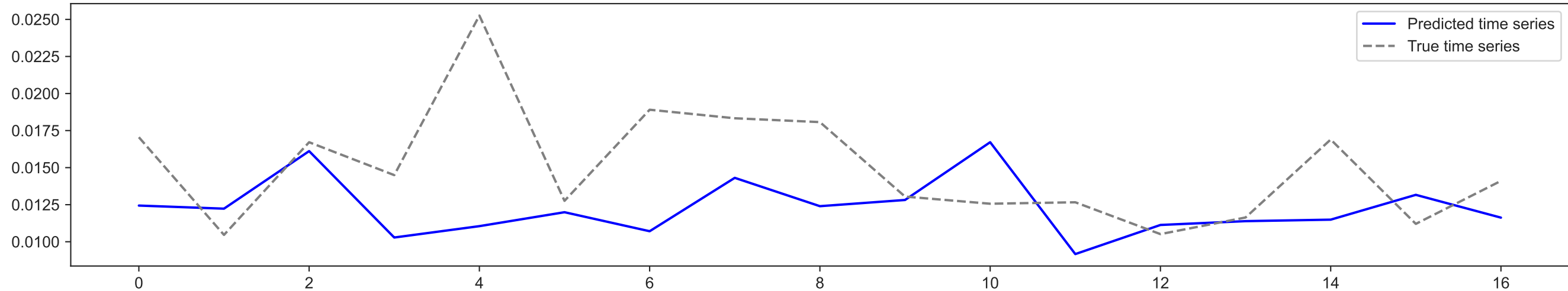




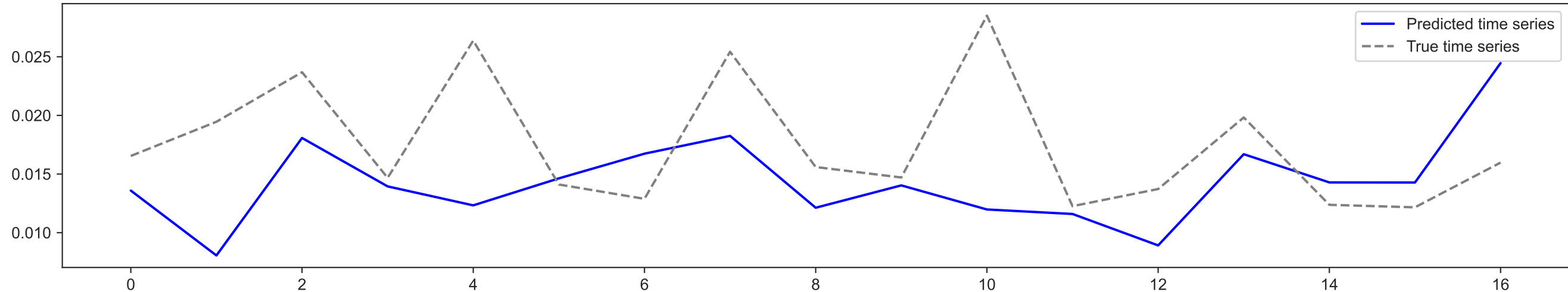
CMI, RMSE =0.004389948065794445



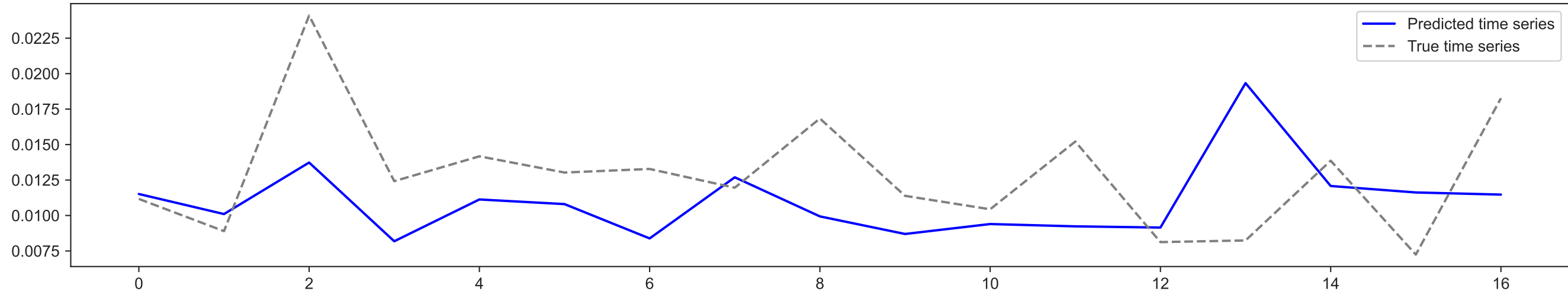
MTD, RMSE =0.0050270697831738395



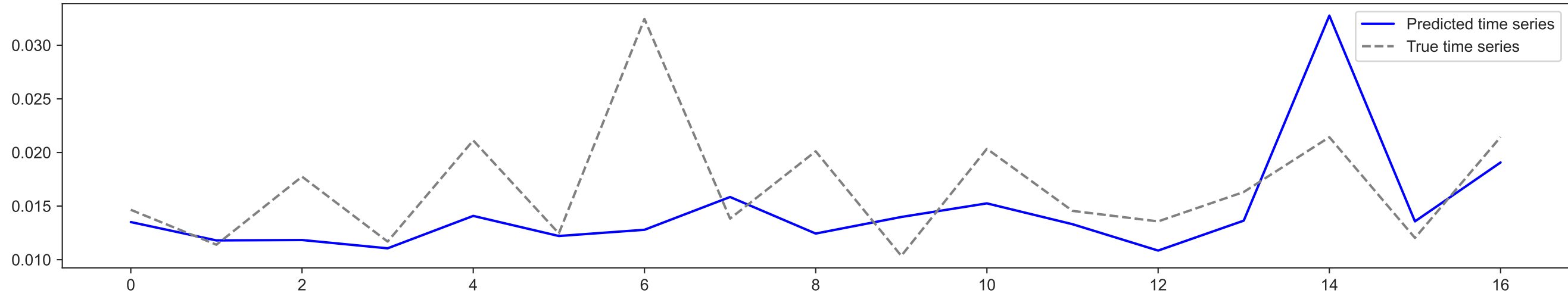
NLOK, RMSE =0.007003712160760071



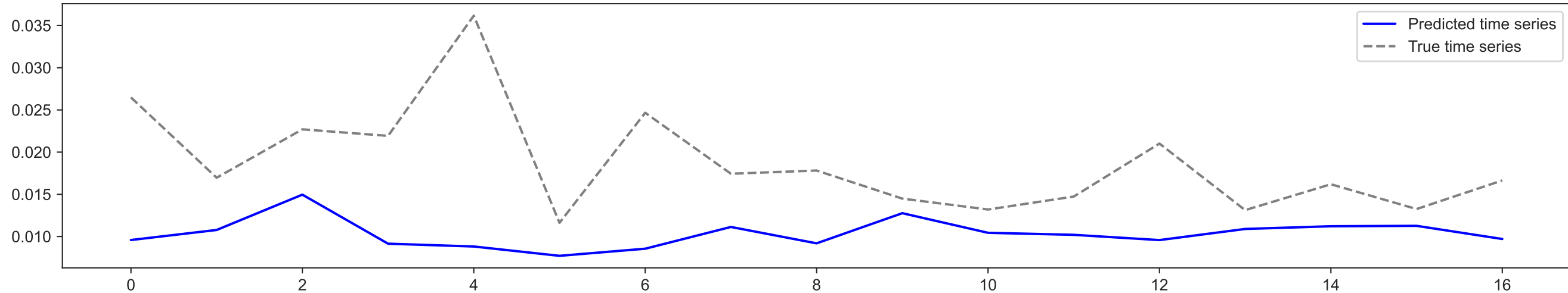
BF-B, RMSE =0.0051432355321727324



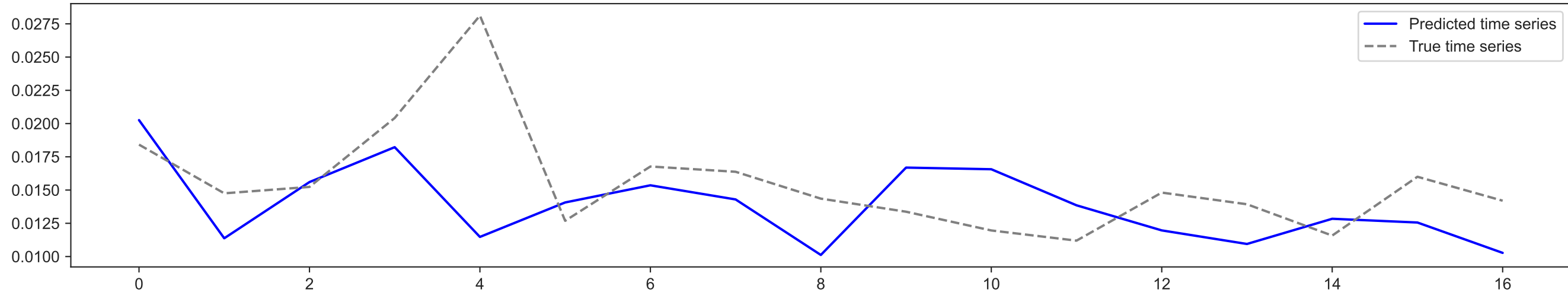
KR, RMSE =0.006542533252986299



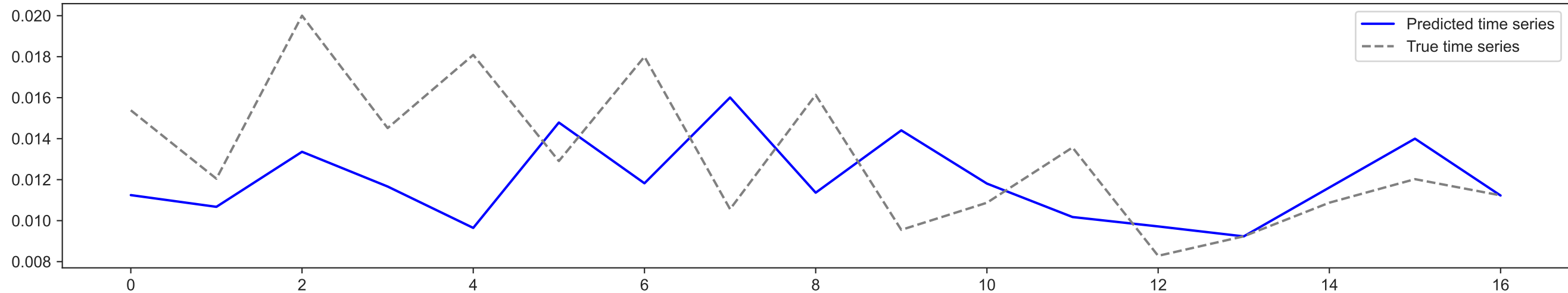
USB, RMSE =0.010651775697236987



BSX, RMSE =0.004899367194775112

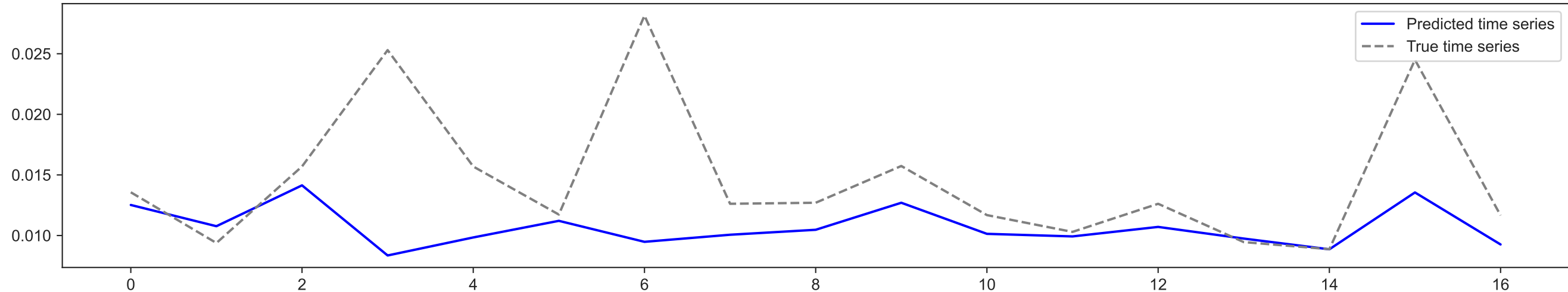


PLD, RMSE =0.004052083800262701

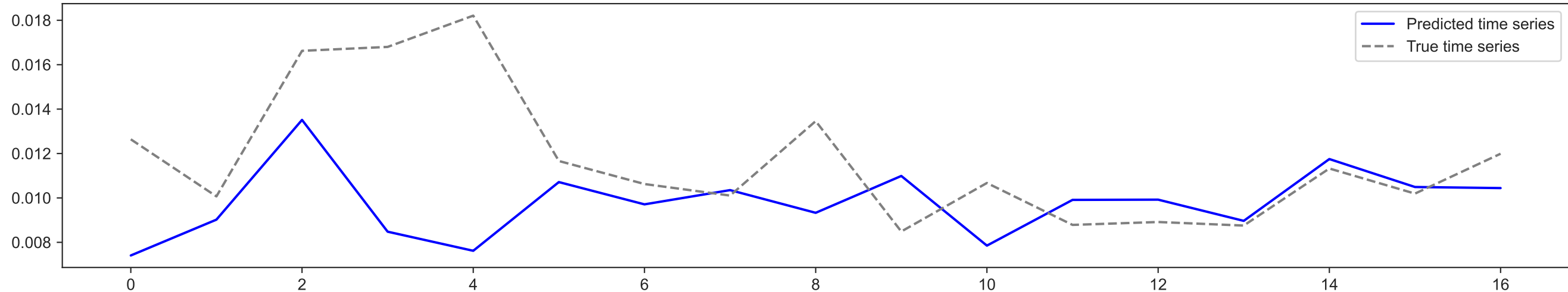




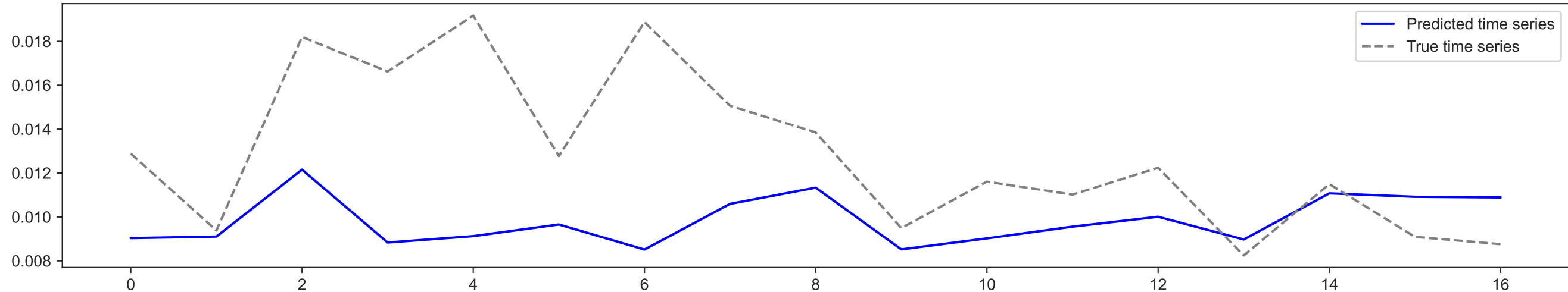
IBM, RMSE =0.006979566718940948



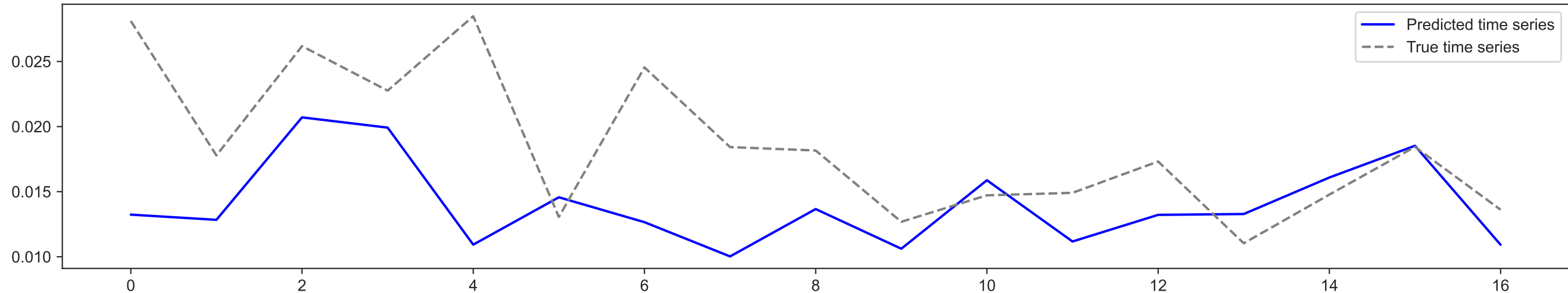
ITW, RMSE =0.003892632816277157



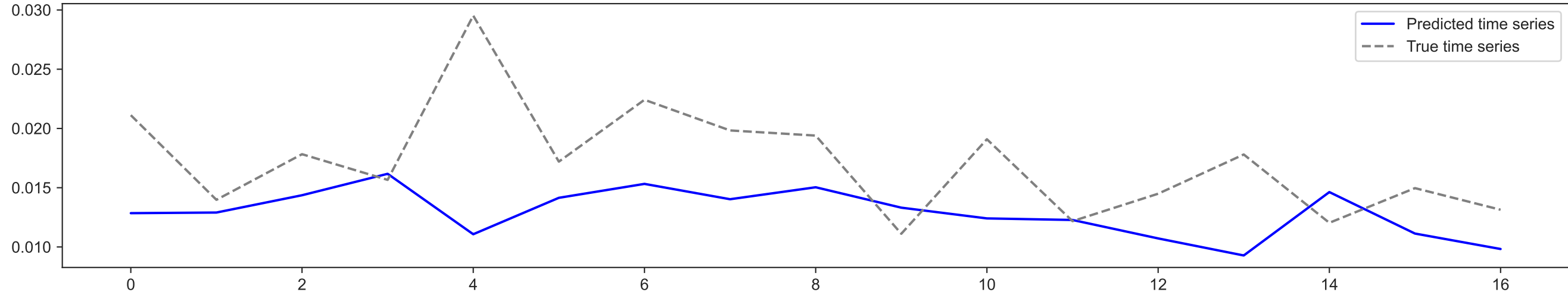
LIN, RMSE =0.004724751599041115



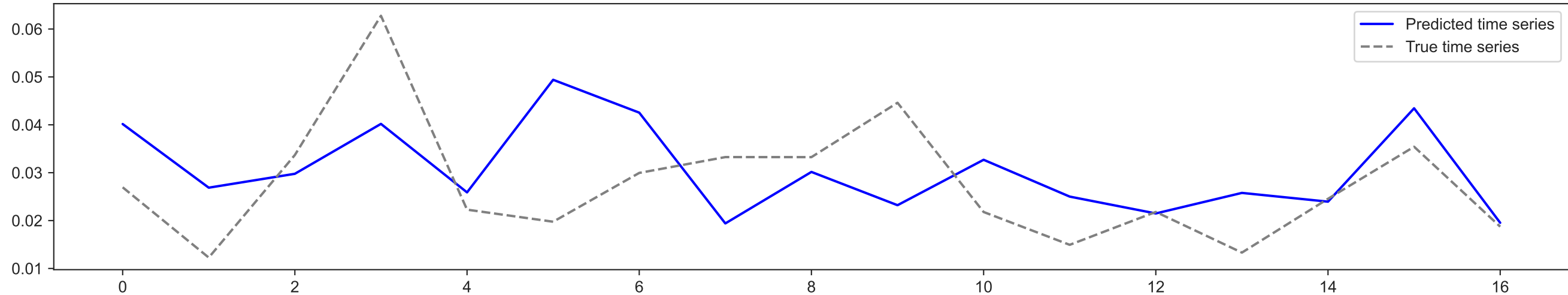
LKQ, RMSE =0.007179718994253591



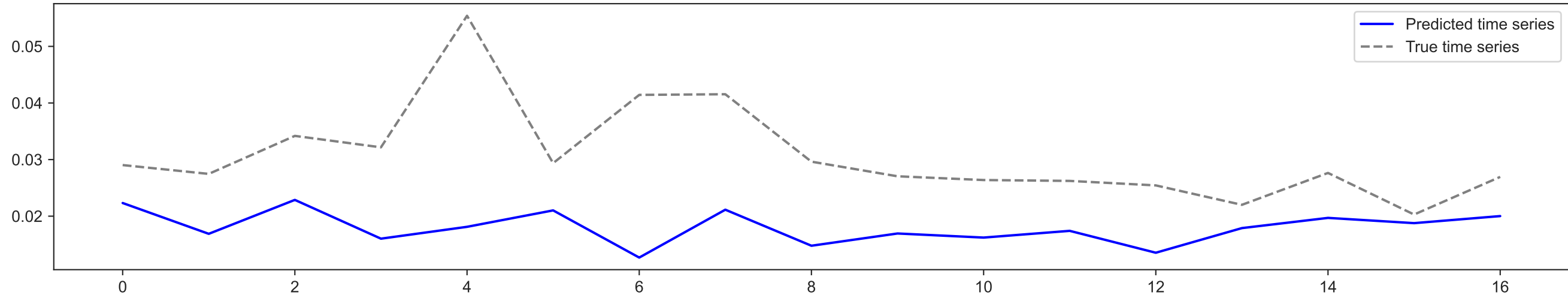
FBHS, RMSE =0.006432152835183184



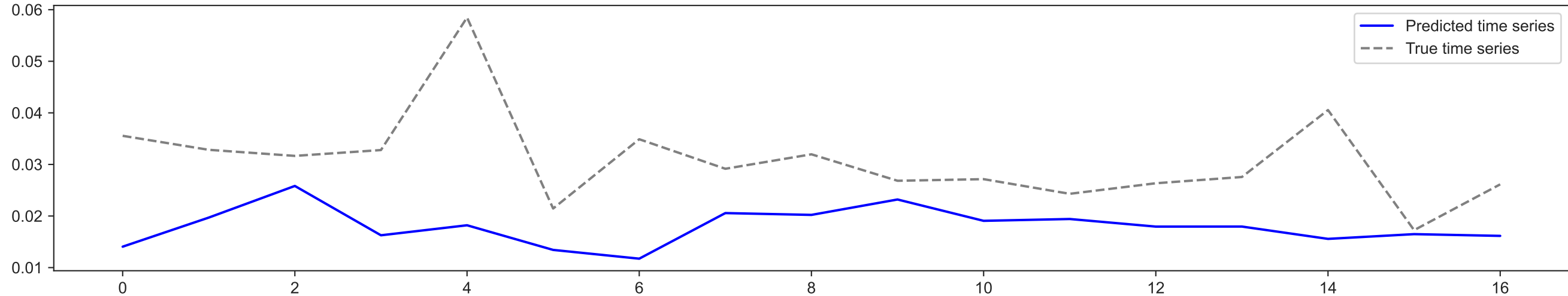
TWTR, RMSE =0.013423994510264247



EOG, RMSE =0.015385311105710557

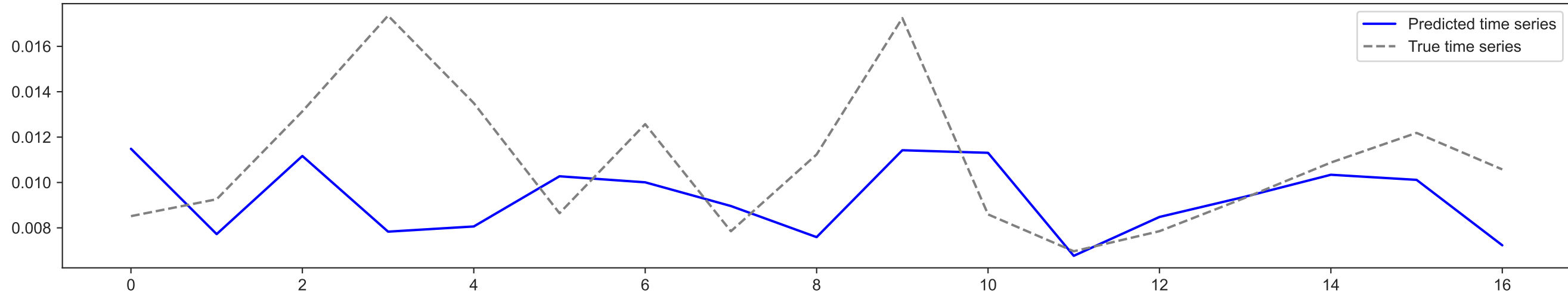


PVH, RMSE =0.01602497127817394

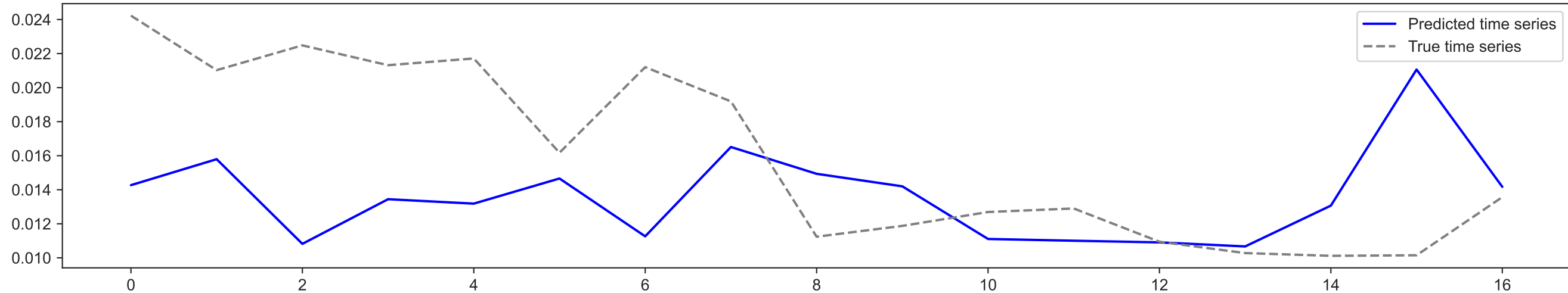




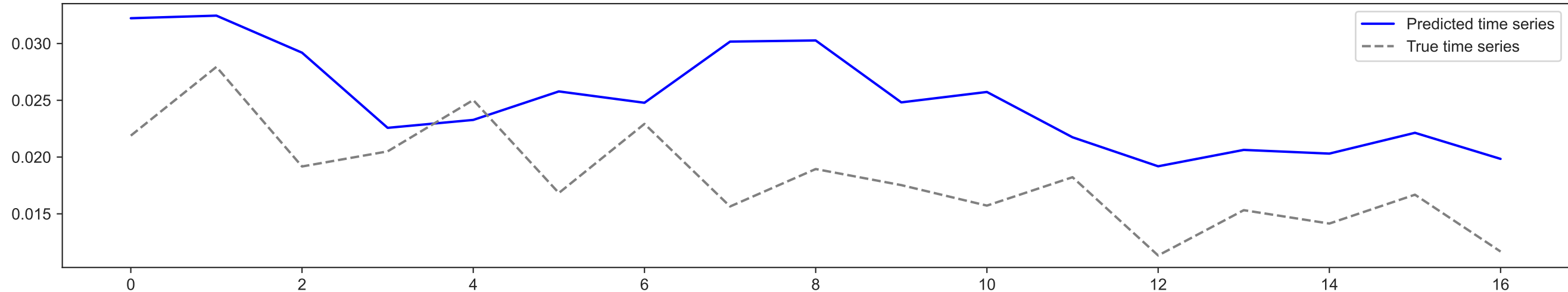
KMB, RMSE =0.003568394453873004



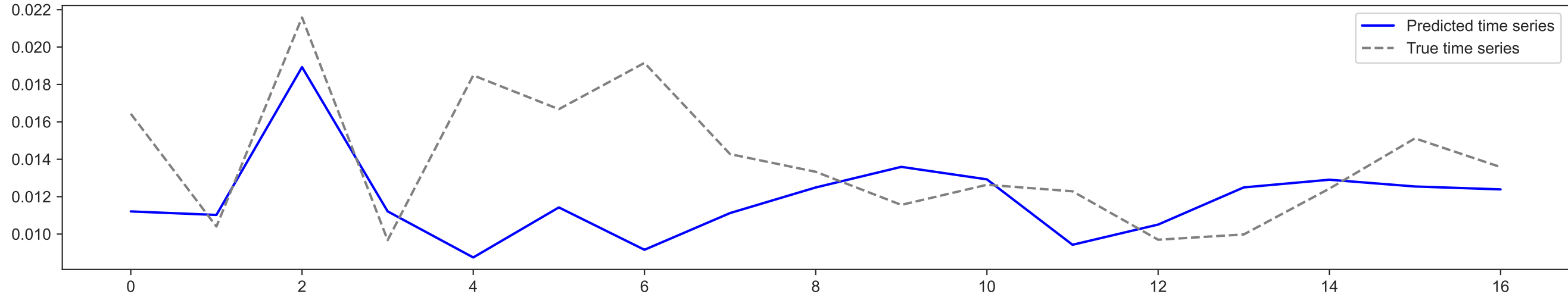
PEAK, RMSE =0.006225743888898436



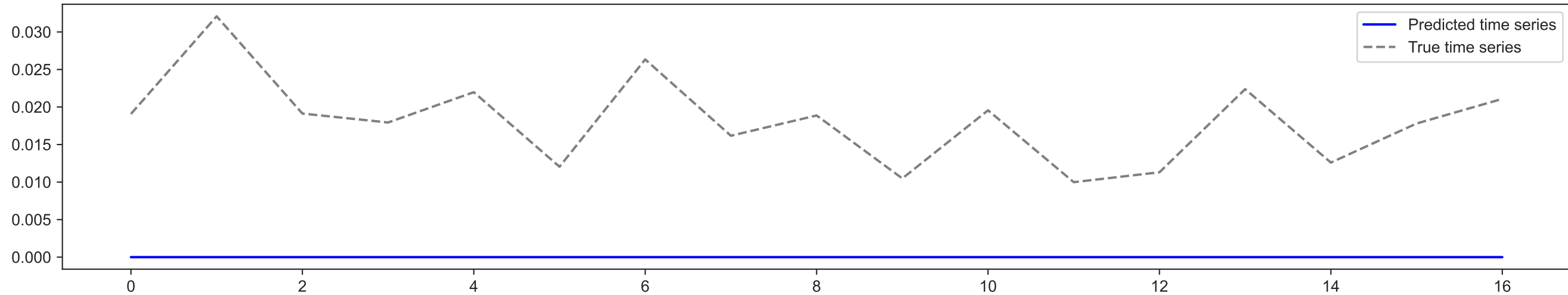
NEM, RMSE =0.00784998046753169



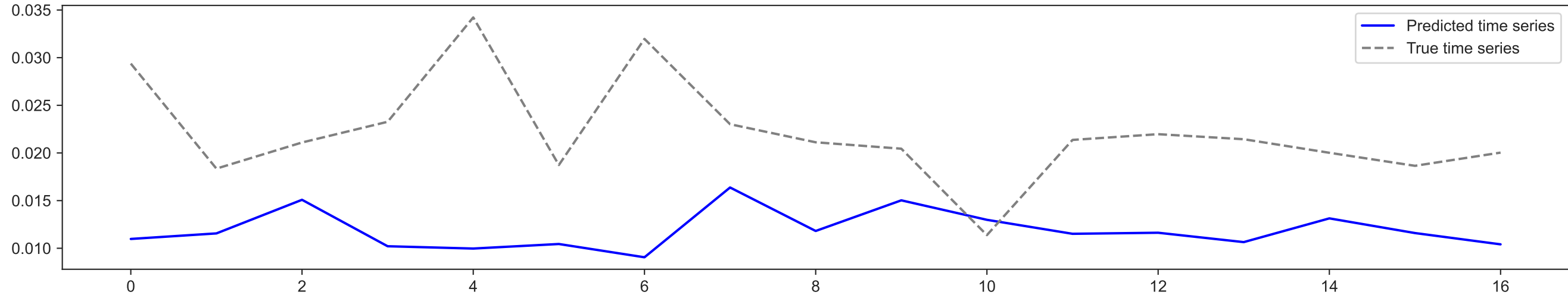
SPGI, RMSE =0.004184577181856864



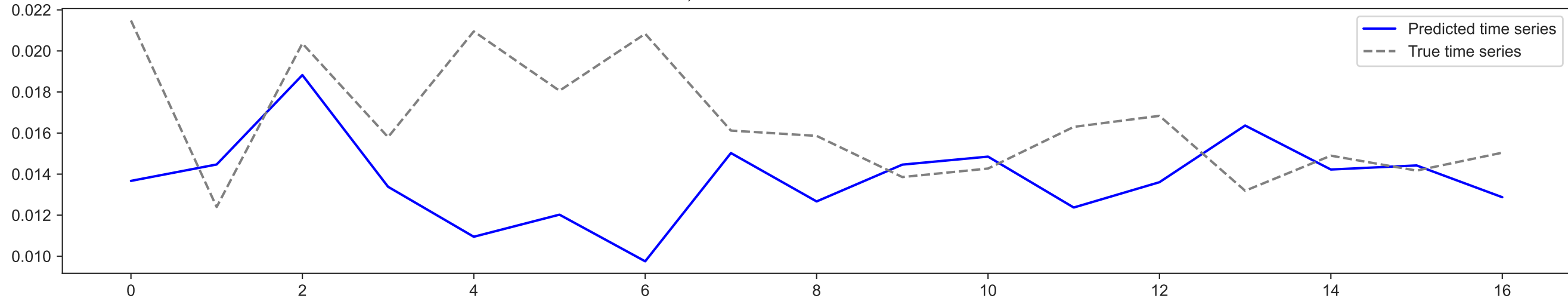
CTVA, RMSE =0.019037895613715602



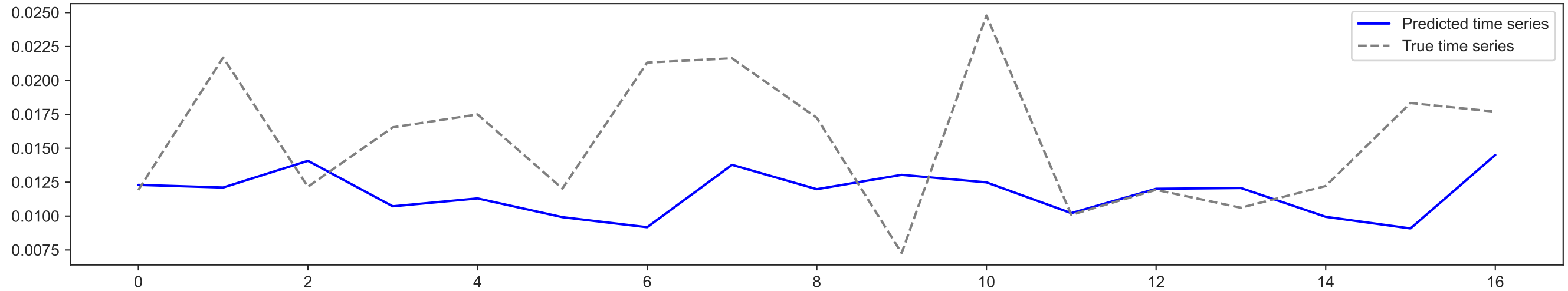
WFC, RMSE =0.01199612539079556



GS, RMSE =0.004766217273722011

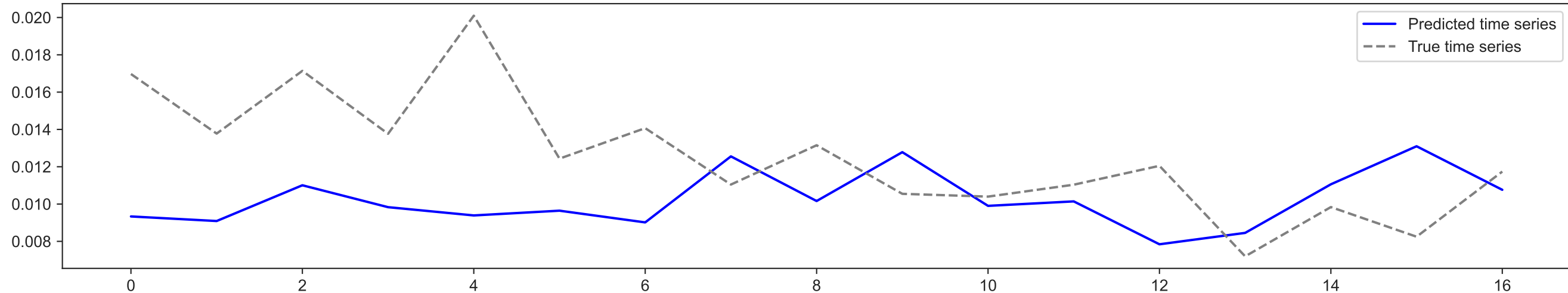


EL, RMSE =0.006399987556803444

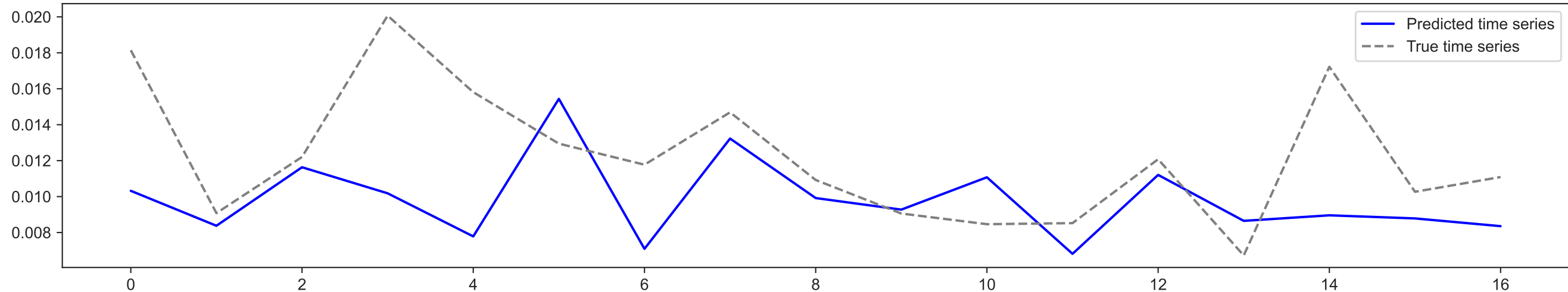




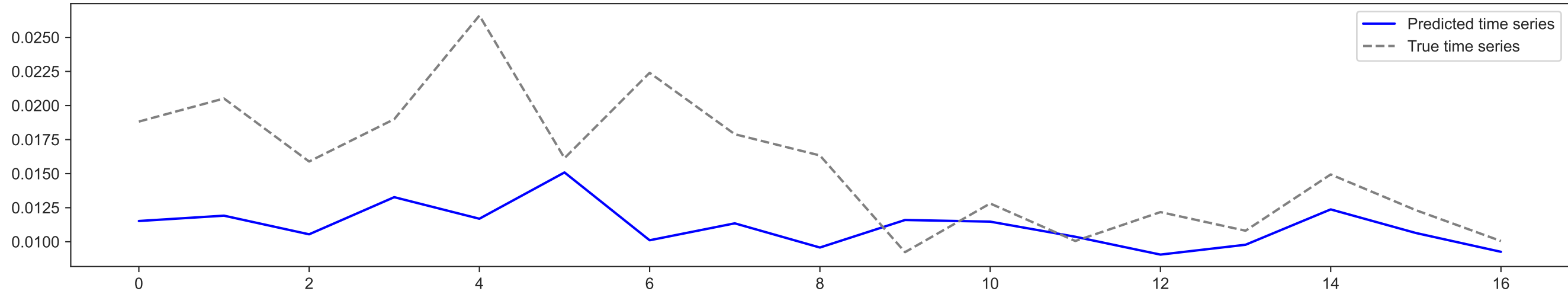
GD, RMSE =0.004497184996629881



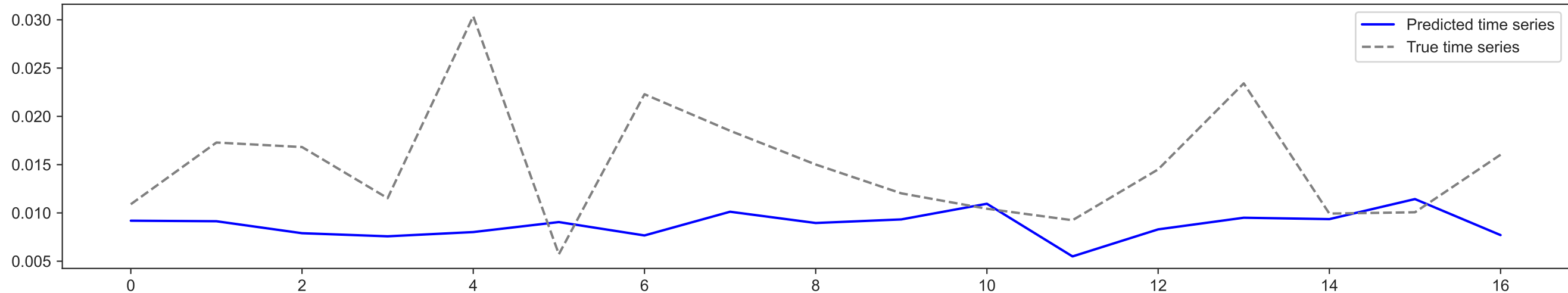
PM, RMSE =0.004522665623173376



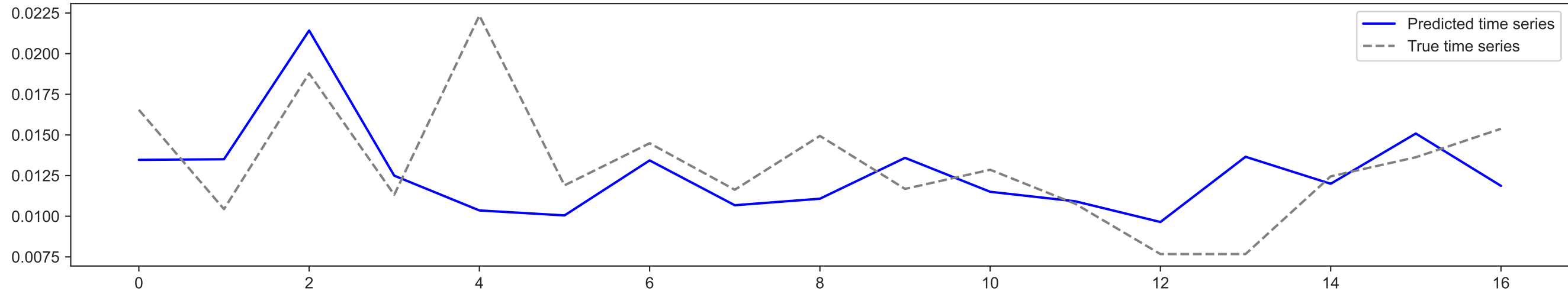
CNP, RMSE =0.0063242897542083515



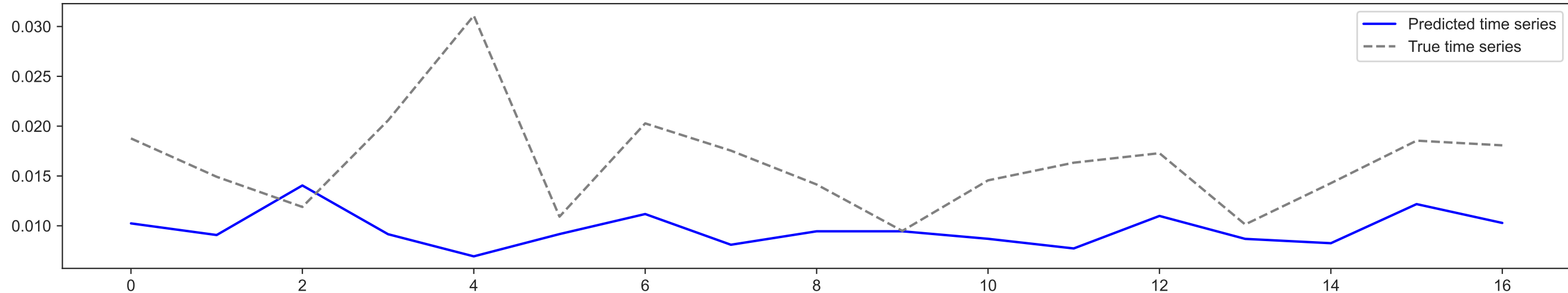
CLX, RMSE =0.008817447208272745



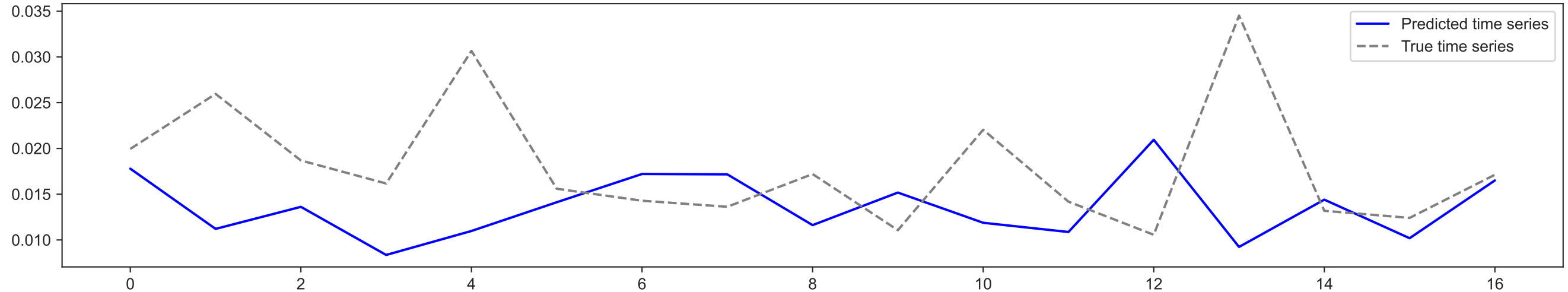
MCO, RMSE =0.0038440507737463885



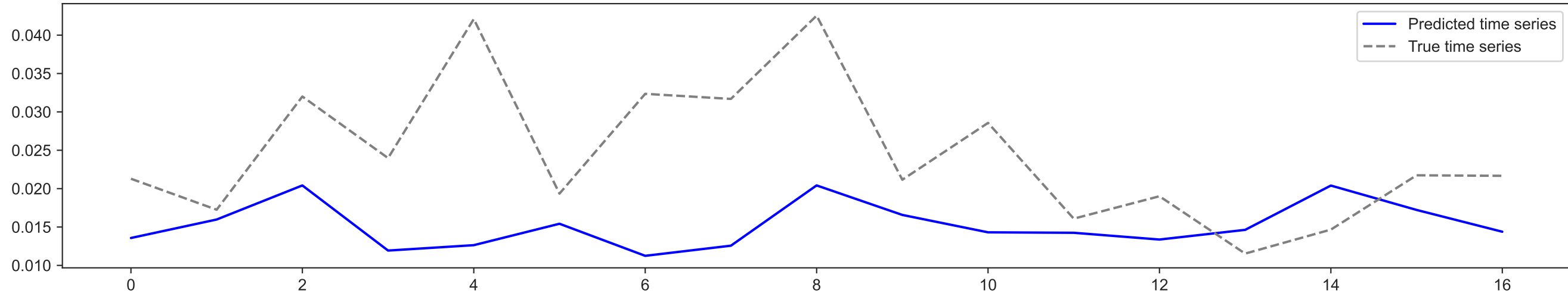
RE, RMSE =0.008778585487801796



CAH, RMSE =0.009807262862392382

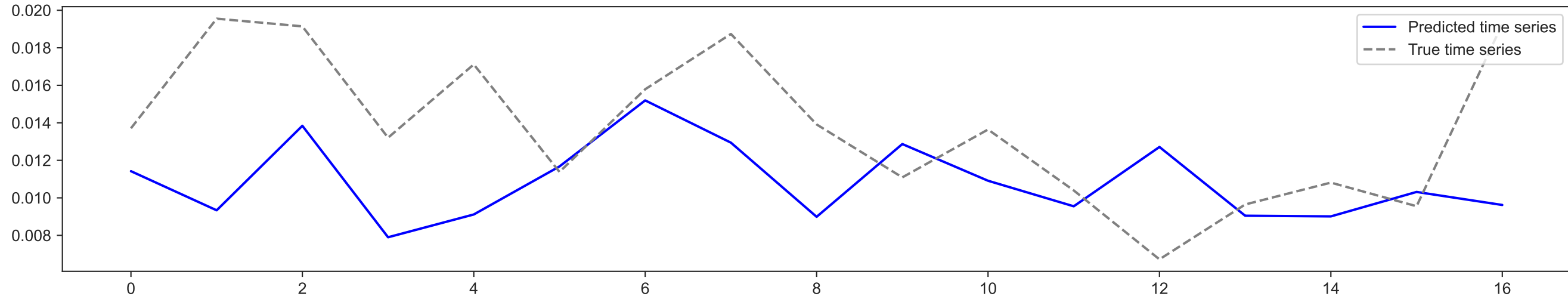


MPWR, RMSE =0.013060590256922475

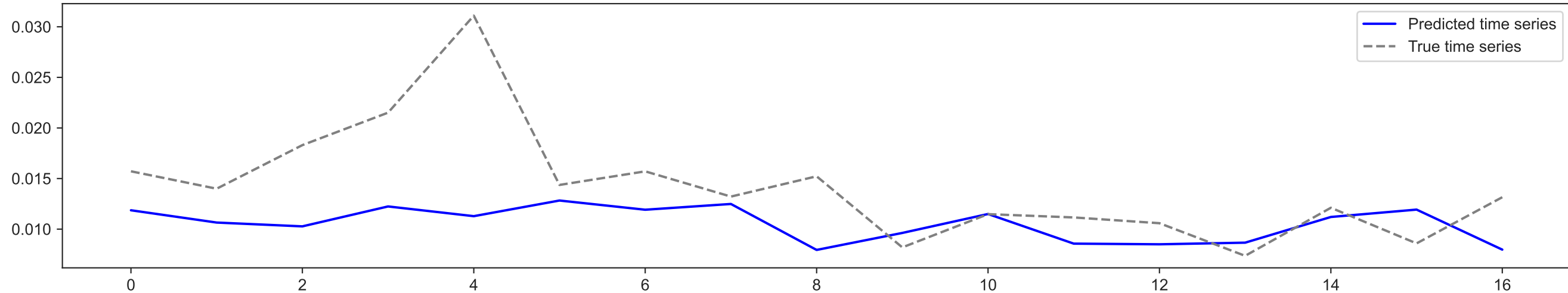




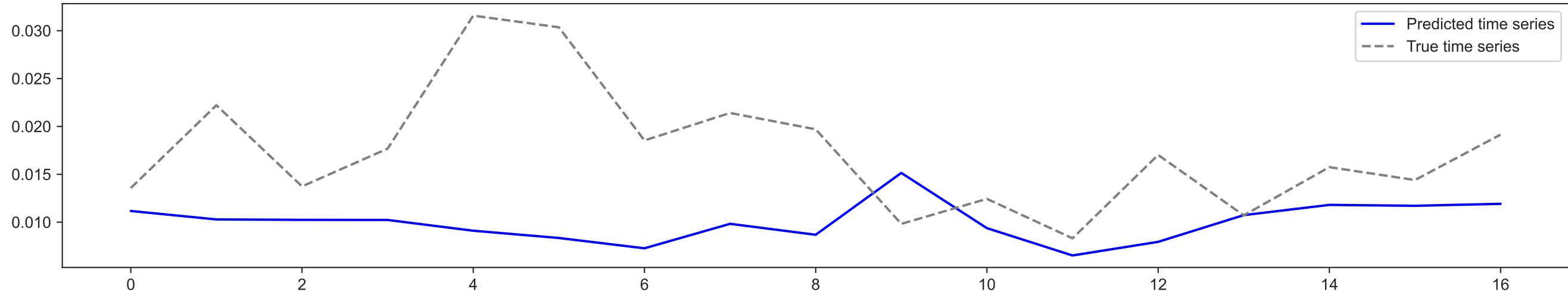
DGX, RMSE =0.00504406333424336



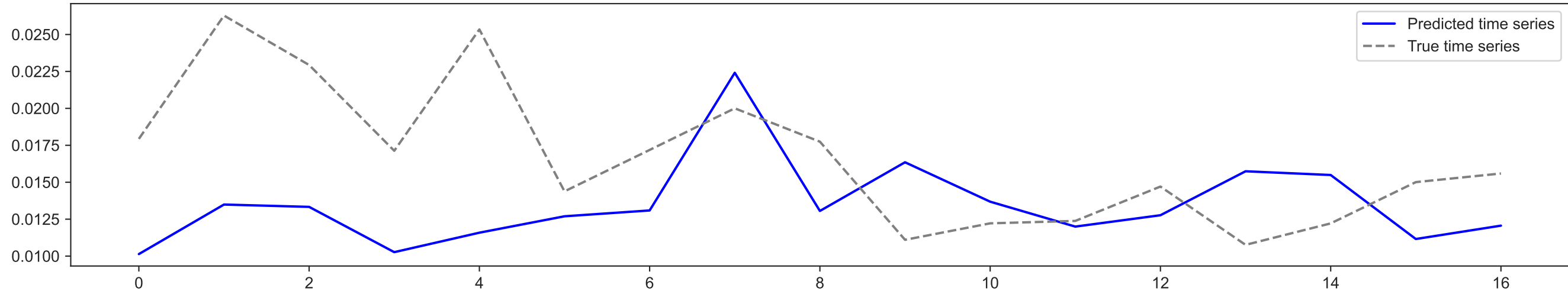
AVB, RMSE =0.006384854633194774



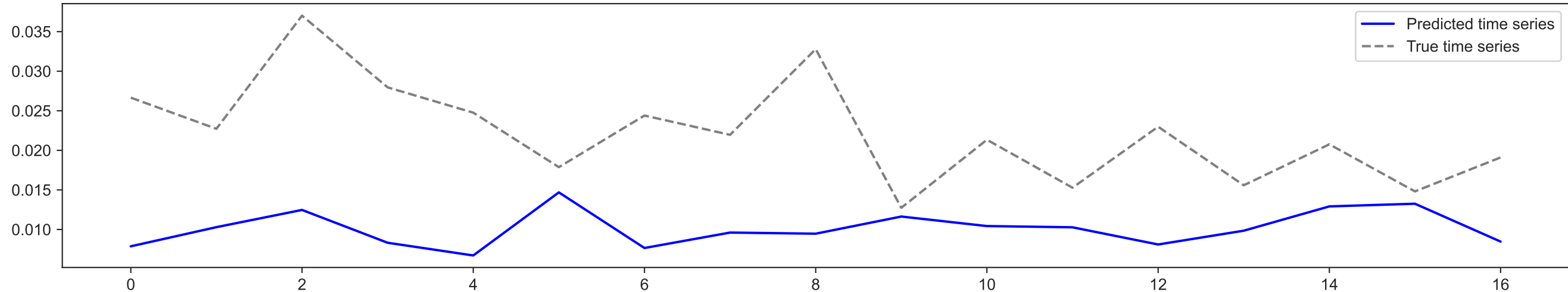
DIS, RMSE =0.010248598448466394



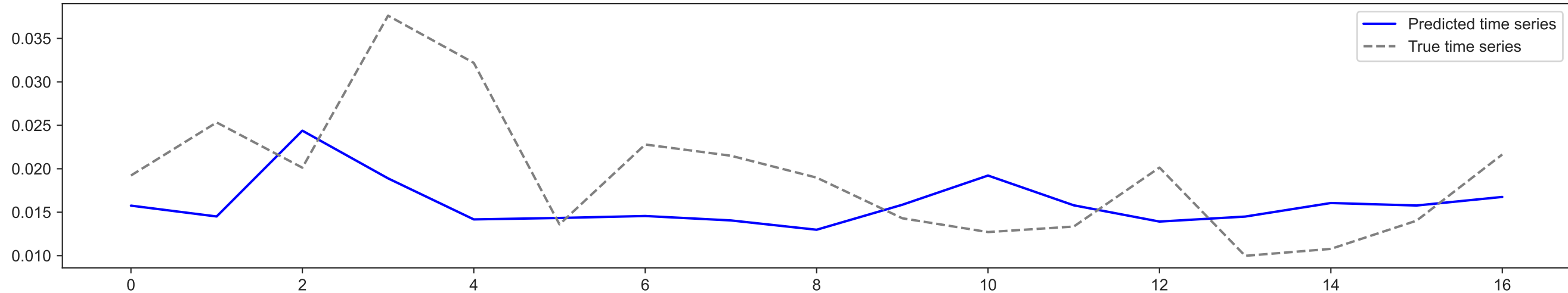
HII, RMSE =0.006402993168067261



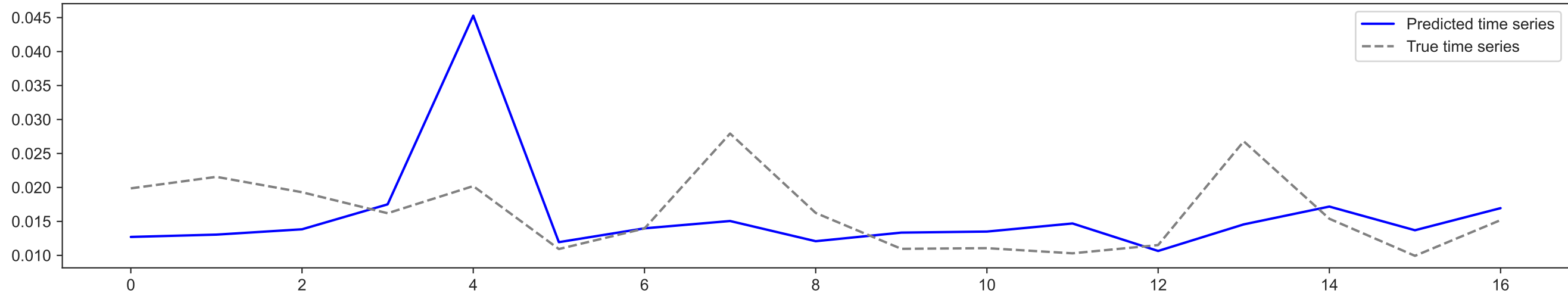
GE, RMSE =0.014110342483402384



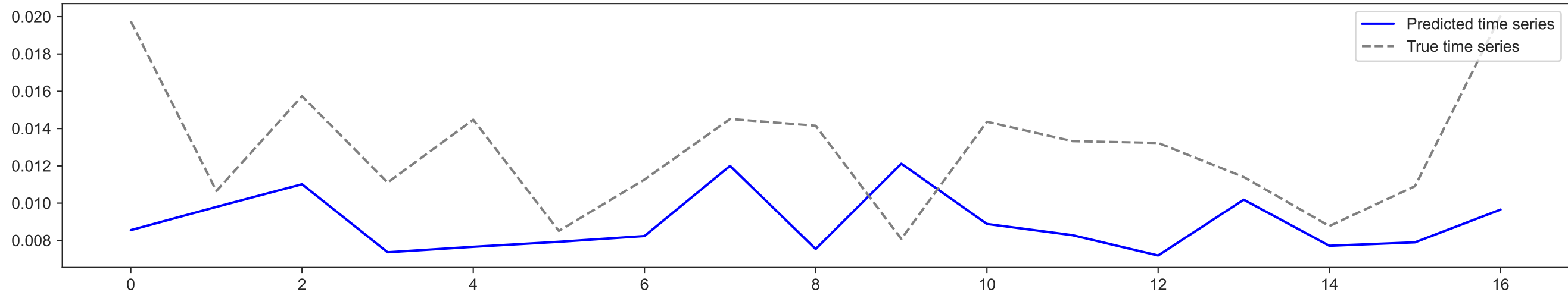
CBRE, RMSE =0.008212986148796697



LDOS, RMSE =0.008295407576370355

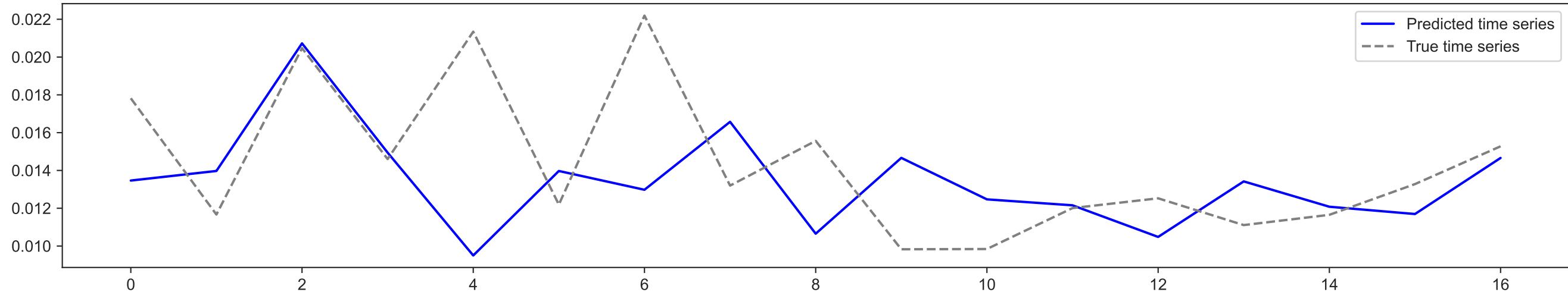


ALL, RMSE =0.005403844889430255

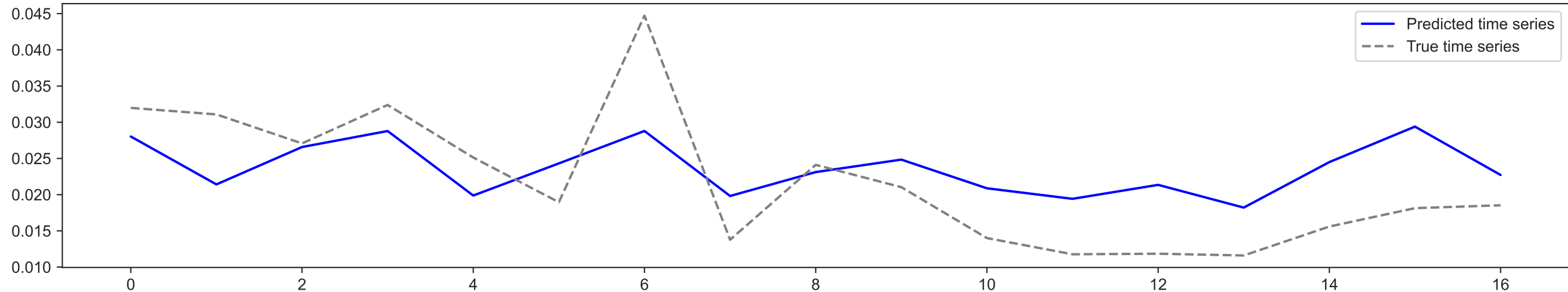




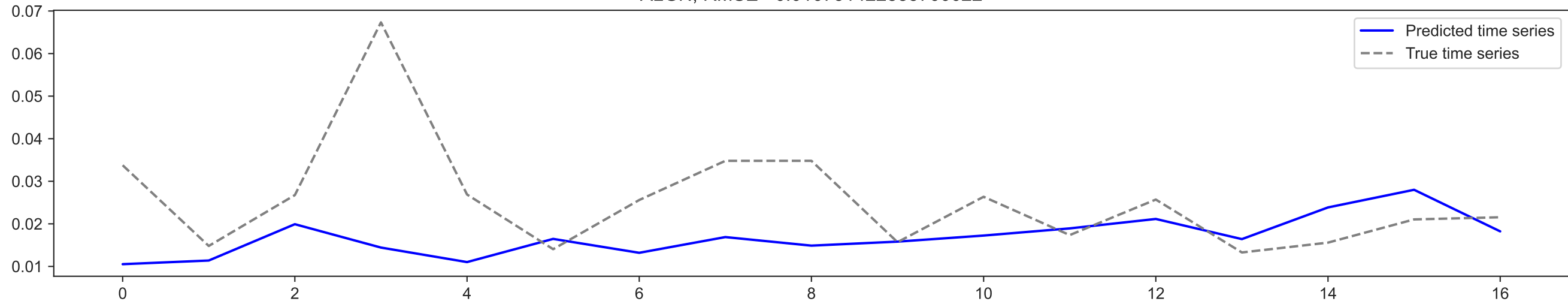
ETN, RMSE =0.004413875374582858



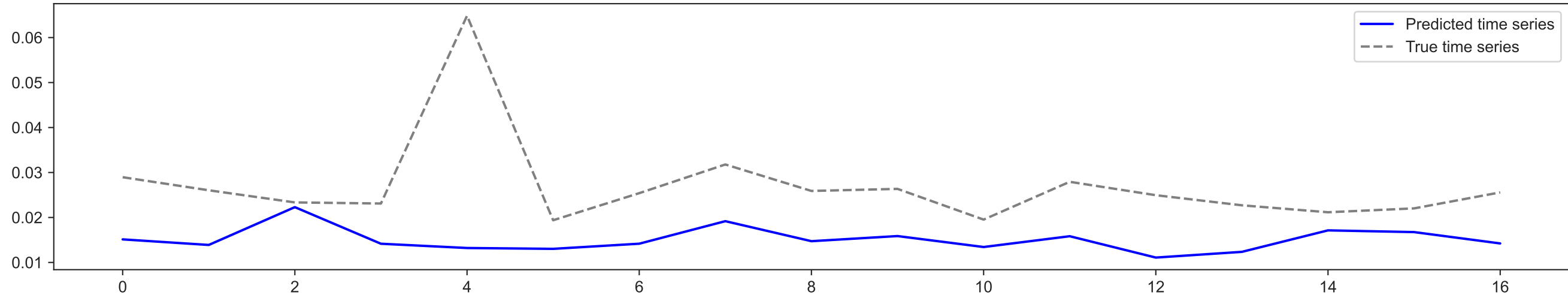
NFLX, RMSE =0.007466341737093534



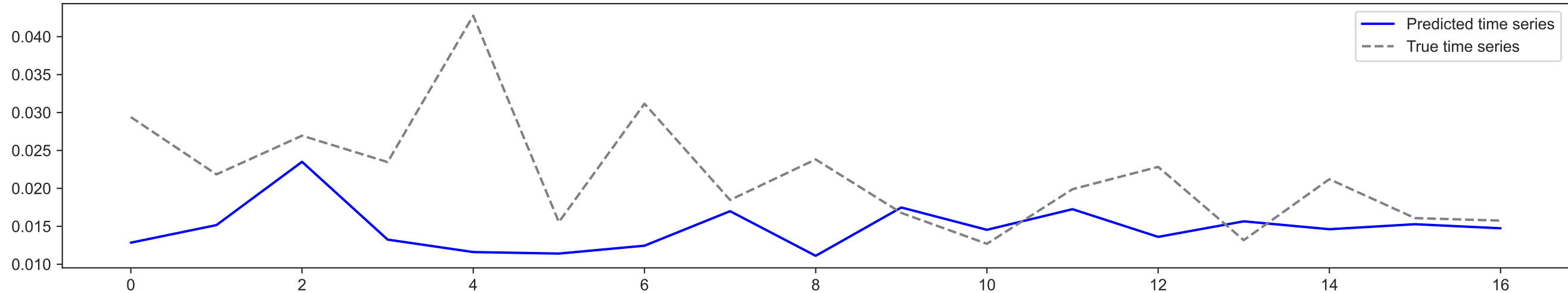
ALGN, RMSE =0.016751422885700022



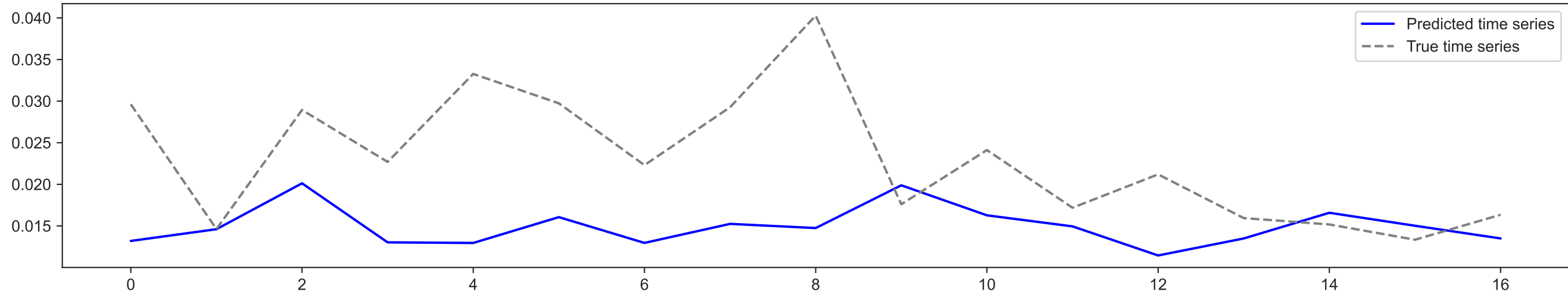
SBNY, RMSE =0.015908409695744256



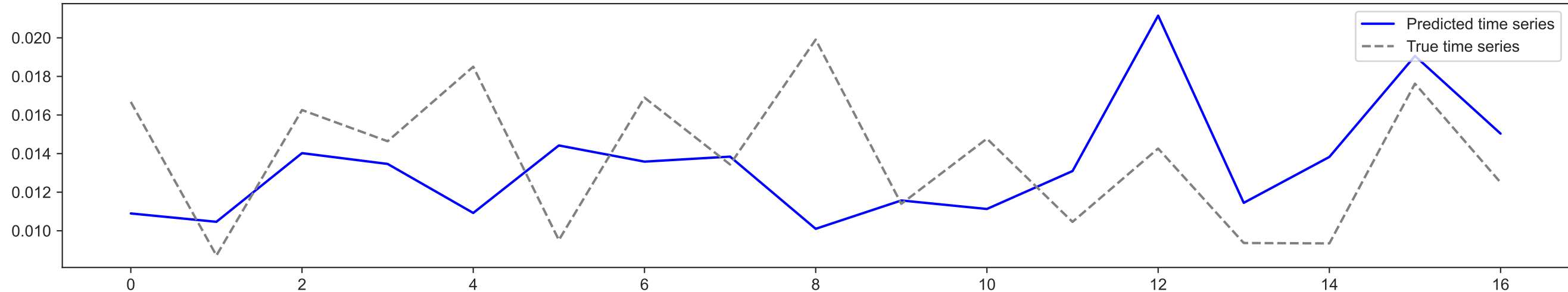
FITB, RMSE =0.011073178258820636



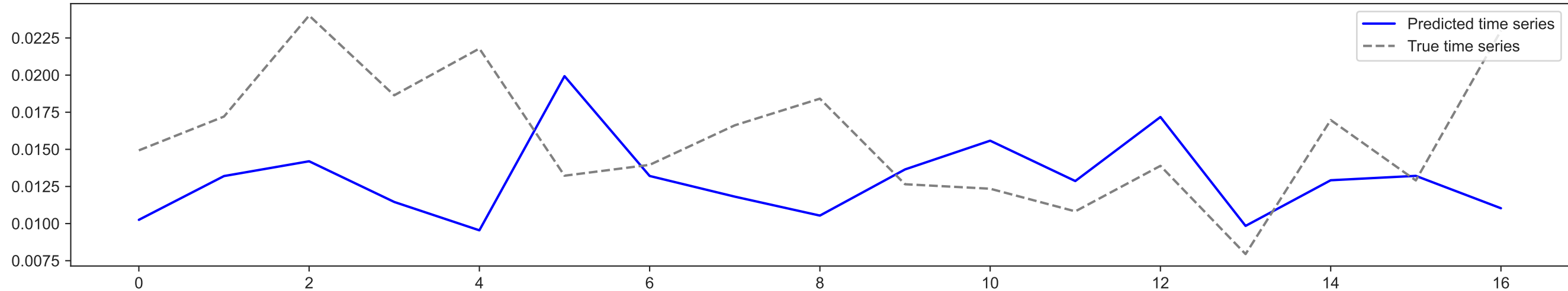
LEN, RMSE =0.011277927105775572



GWW, RMSE =0.004420705939006358

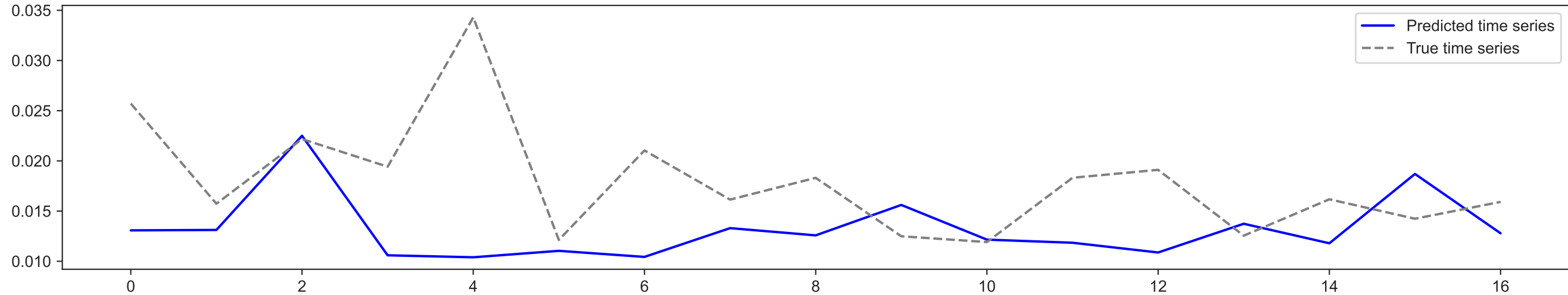


WST, RMSE =0.006212442453968106

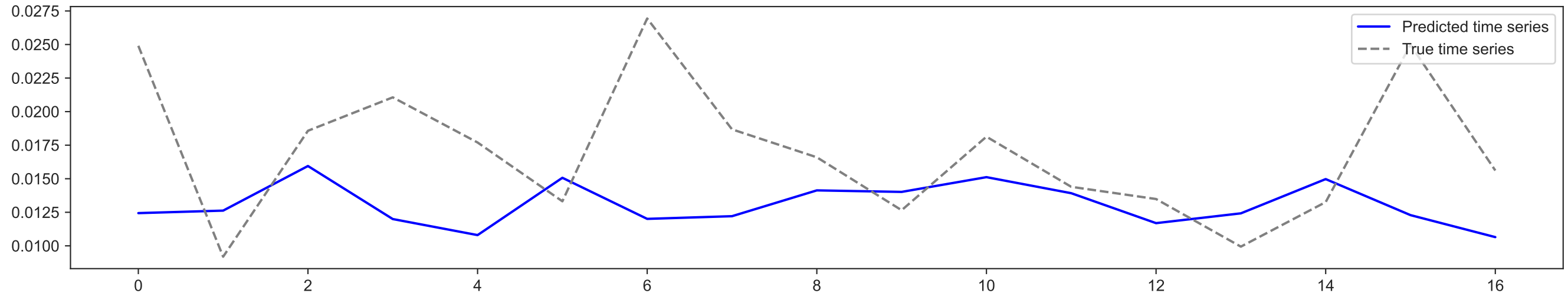




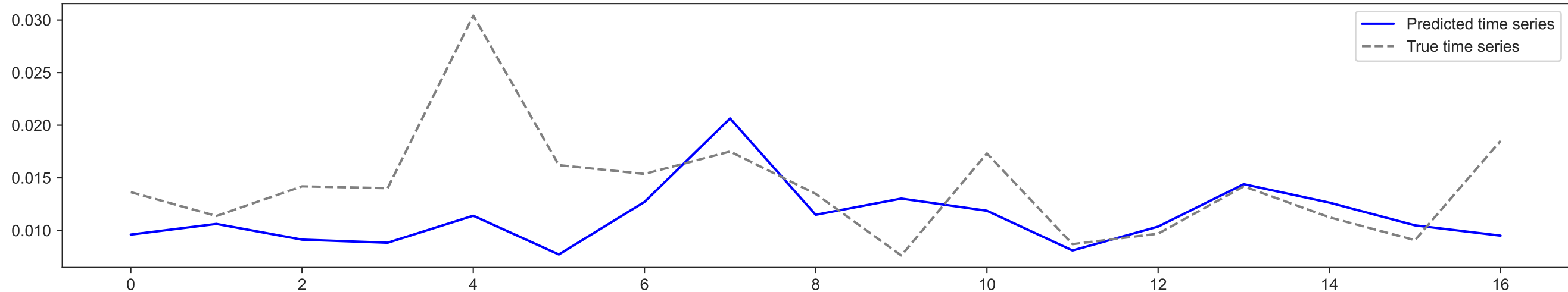
NTRS, RMSE =0.008187660154921627



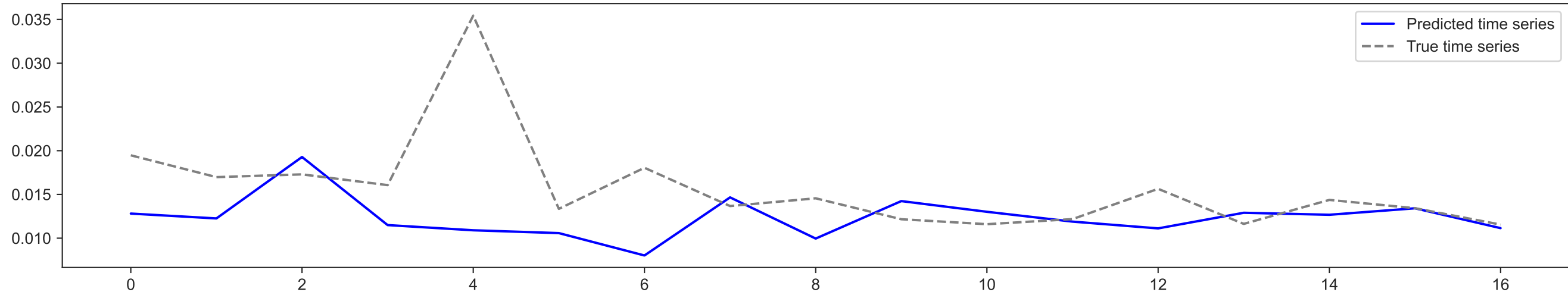
AOS, RMSE =0.006804007896747275



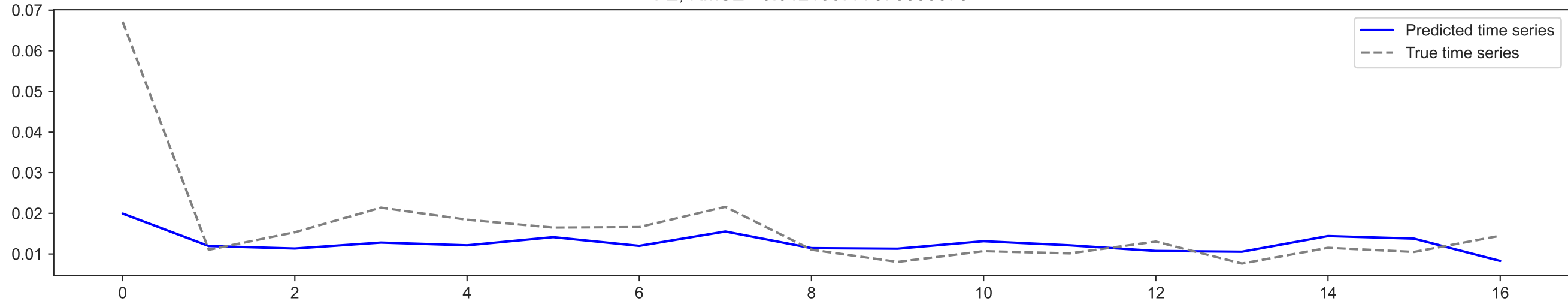
CVS, RMSE =0.006271670638018735



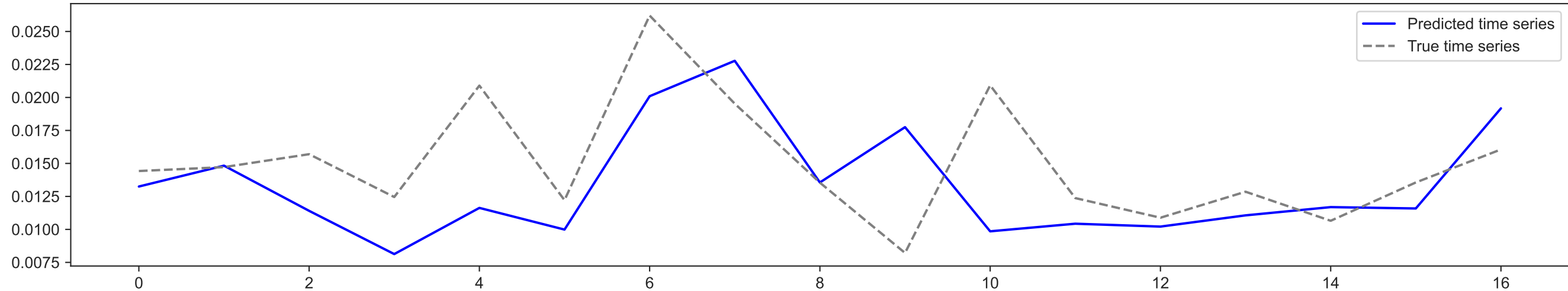
JPM, RMSE =0.007093942805440082



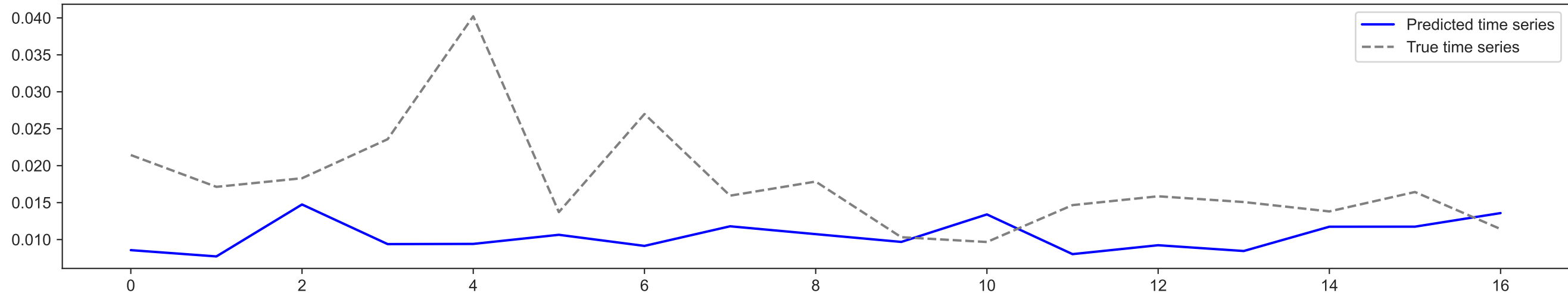
FE, RMSE =0.012156777378335573



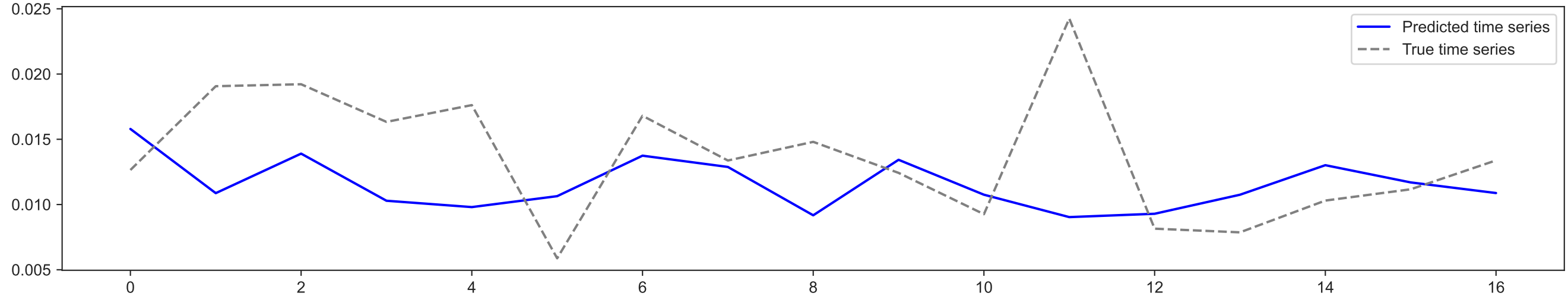
ABC, RMSE =0.004927245338314765



OMC, RMSE =0.010822290469245103

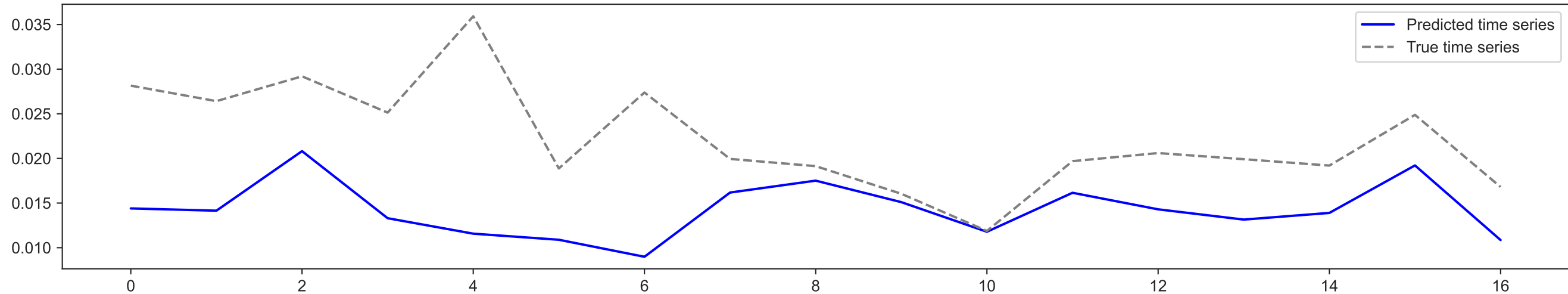


ABT, RMSE =0.005558082553273445

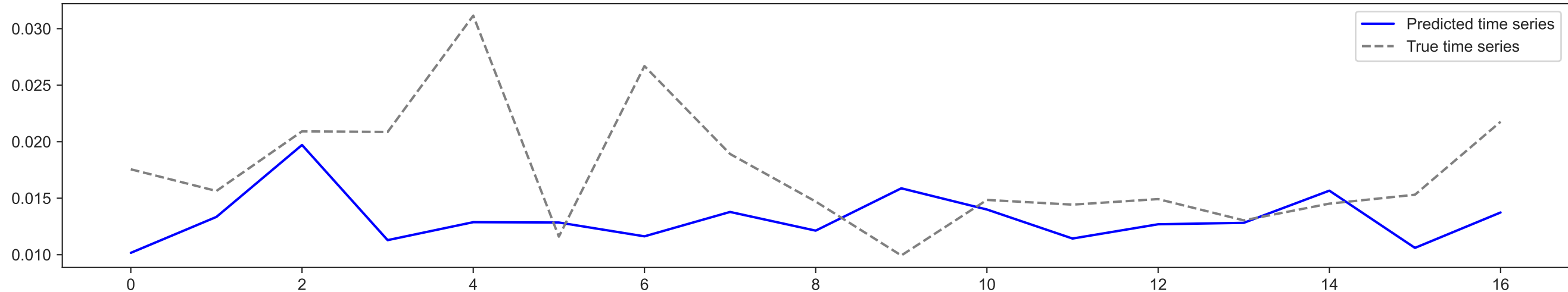




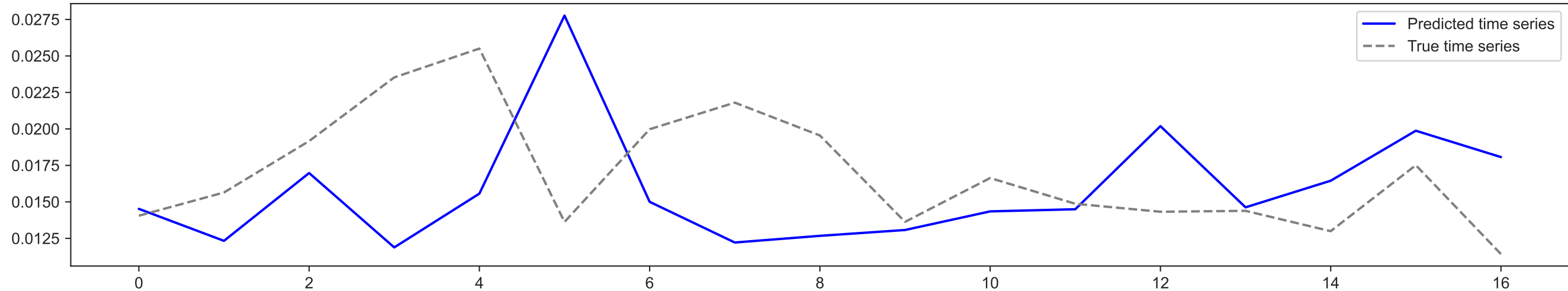
COF, RMSE =0.01016430451788435



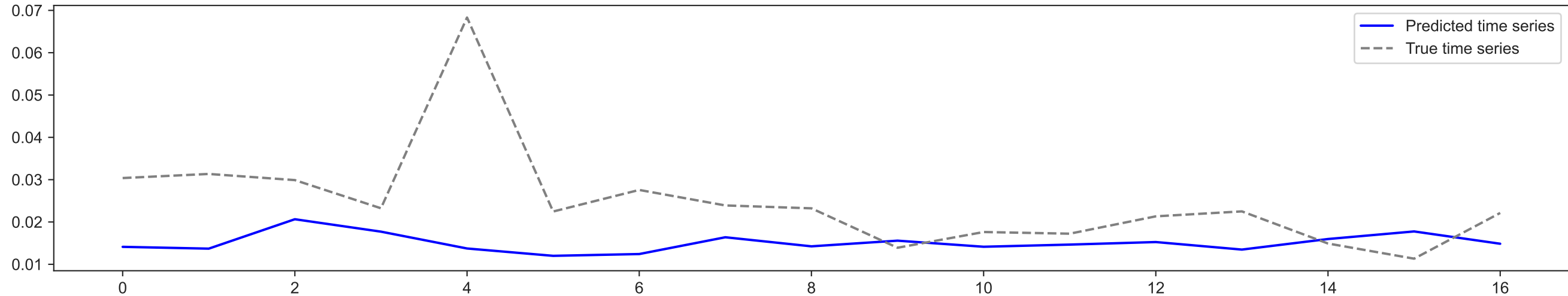
PH, RMSE =0.007223034508502255



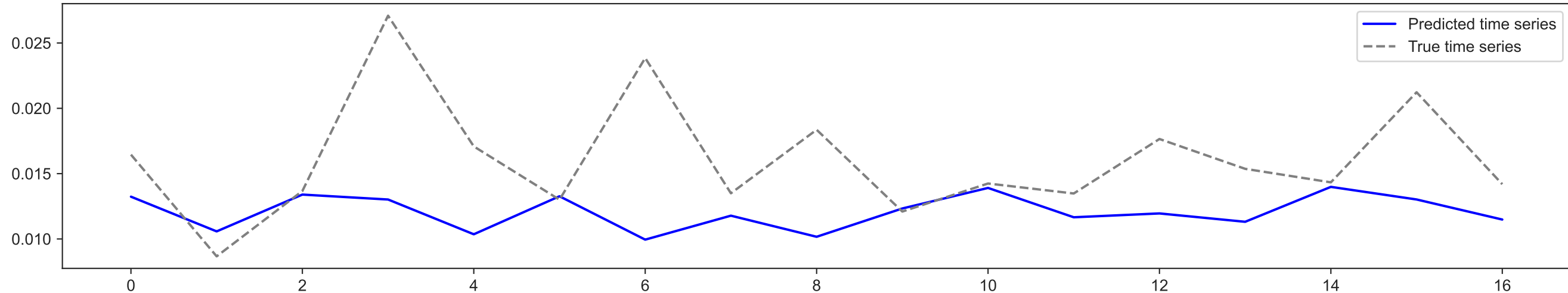
TSCO, RMSE =0.00649087977865127



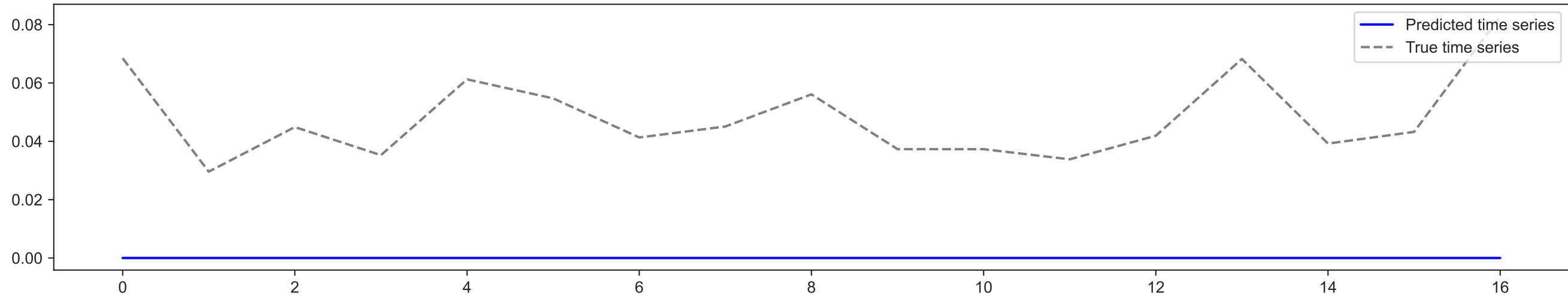
HST, RMSE =0.01605487264875423



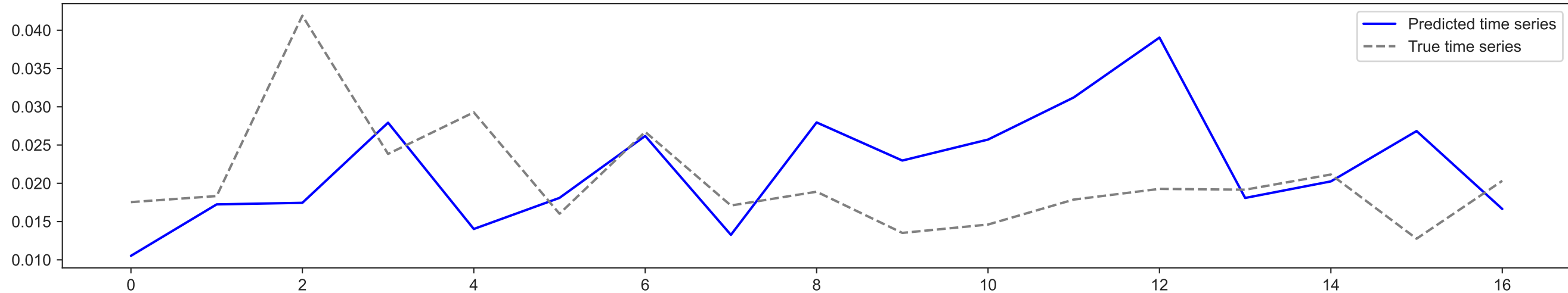
JBHT, RMSE =0.006173726734843575



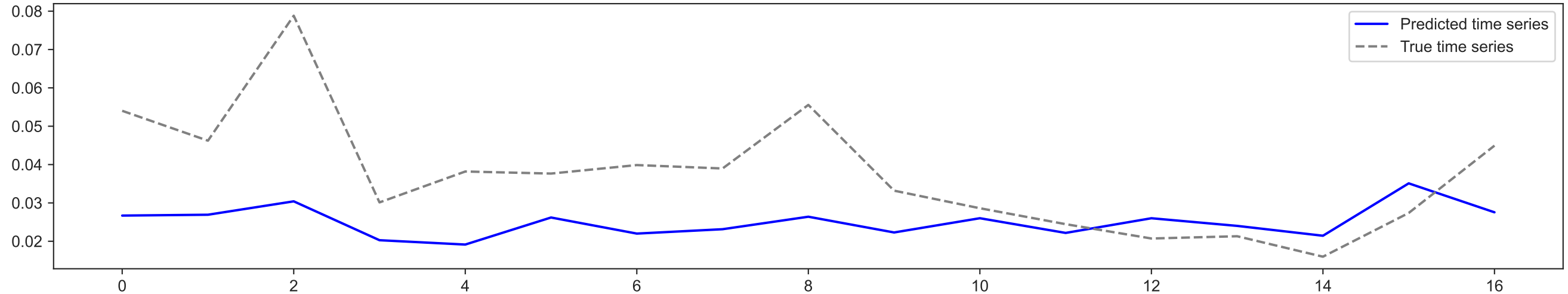
MRNA, RMSE =0.0503324448468428



MOH, RMSE =0.010829707811363762

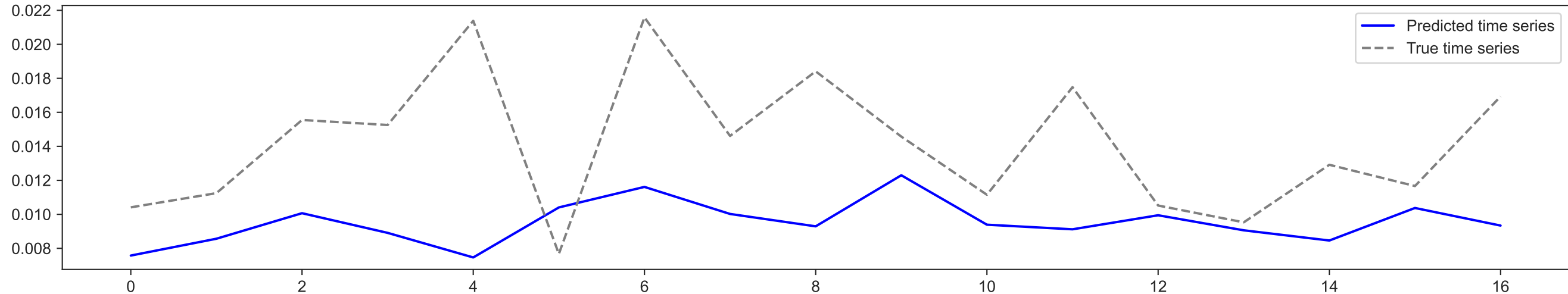


TSLA, RMSE =0.018836391687784095

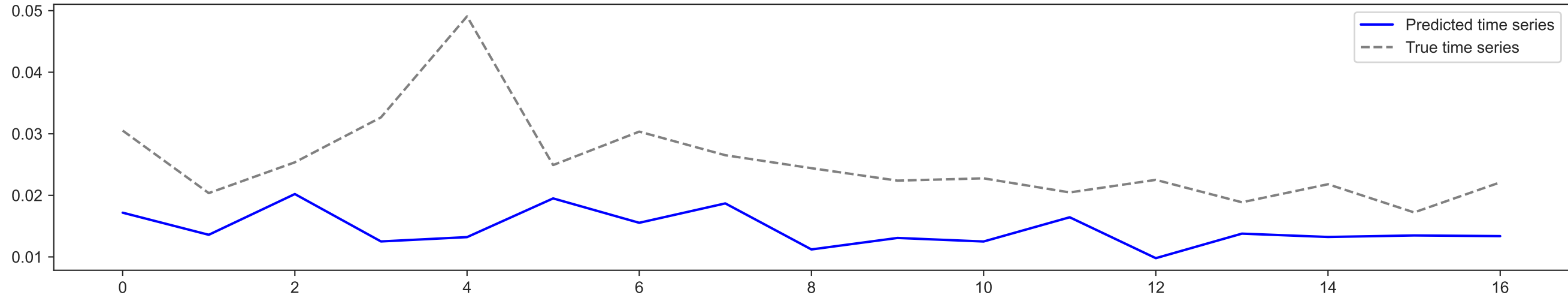




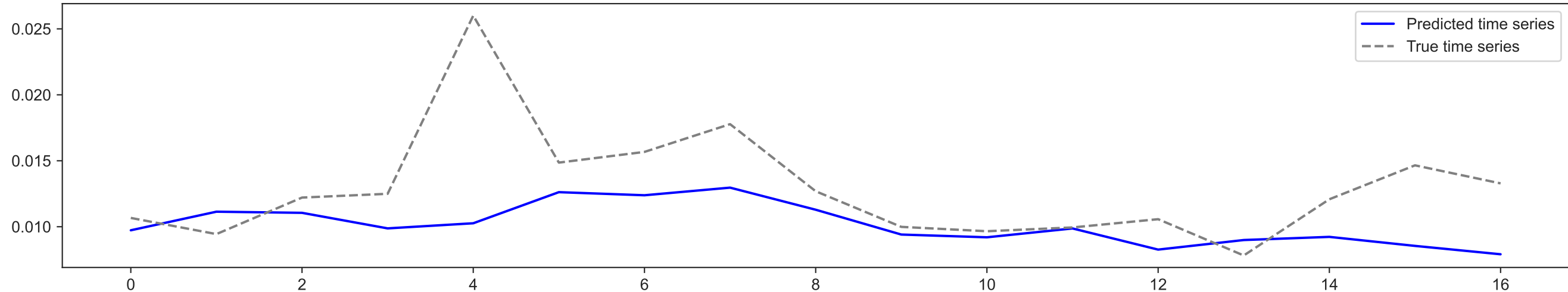
DHR, RMSE =0.0061752188981362725



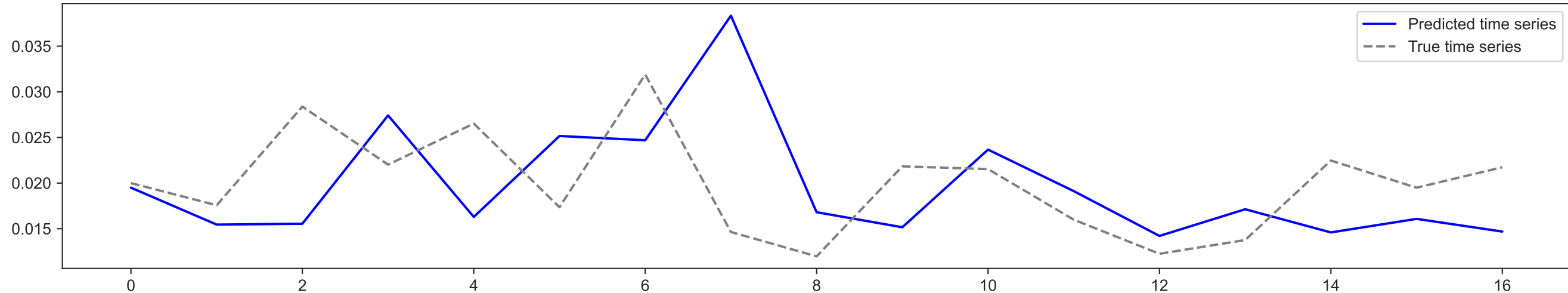
COP, RMSE =0.013255285036531401



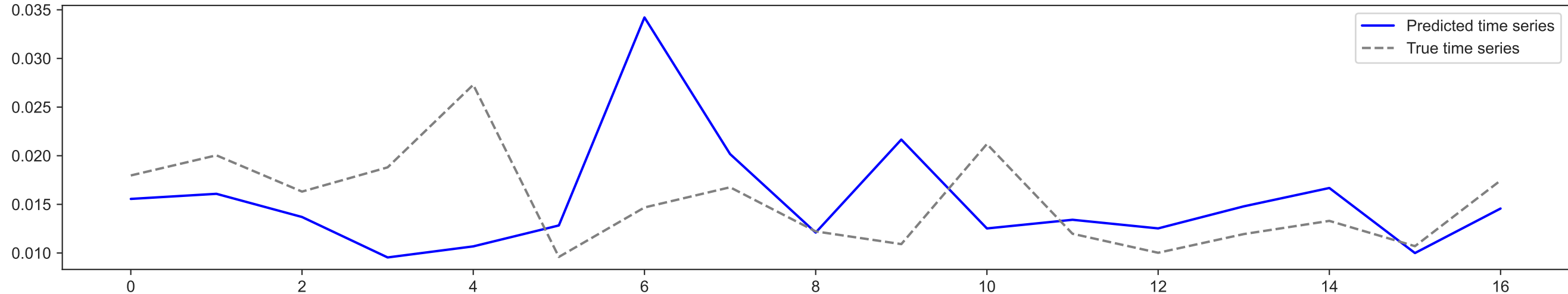
ATO, RMSE =0.004742008438051009



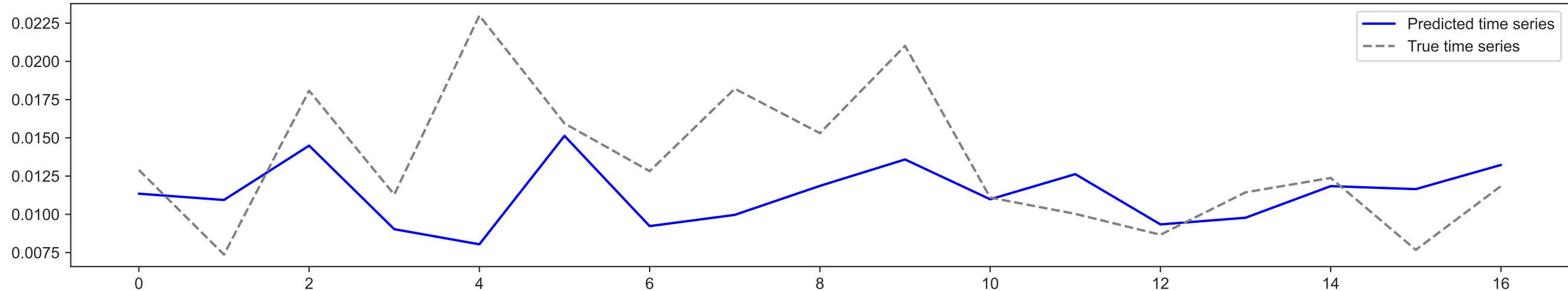
CNC, RMSE =0.00839830083286547



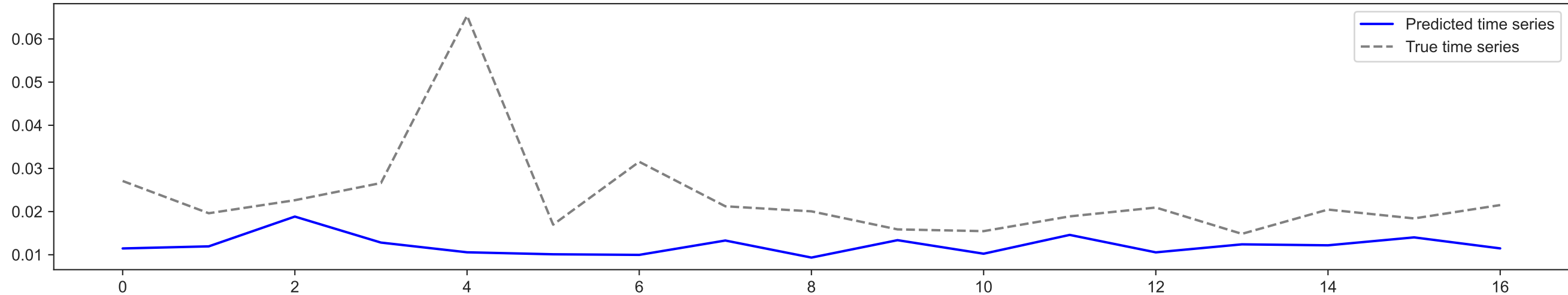
MCK, RMSE =0.0077512056125001024



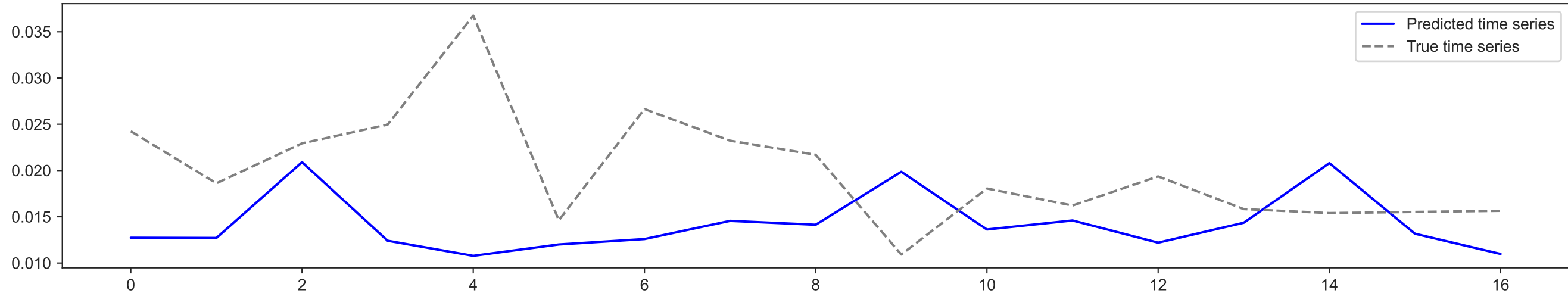
FDS, RMSE =0.005048145564134419



MTB, RMSE =0.016370540735274944

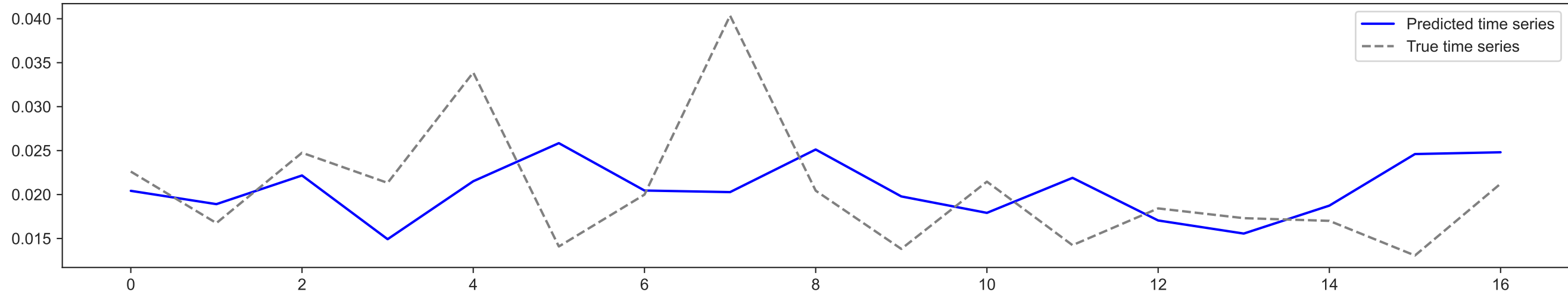


TXT, RMSE =0.009553664531821379

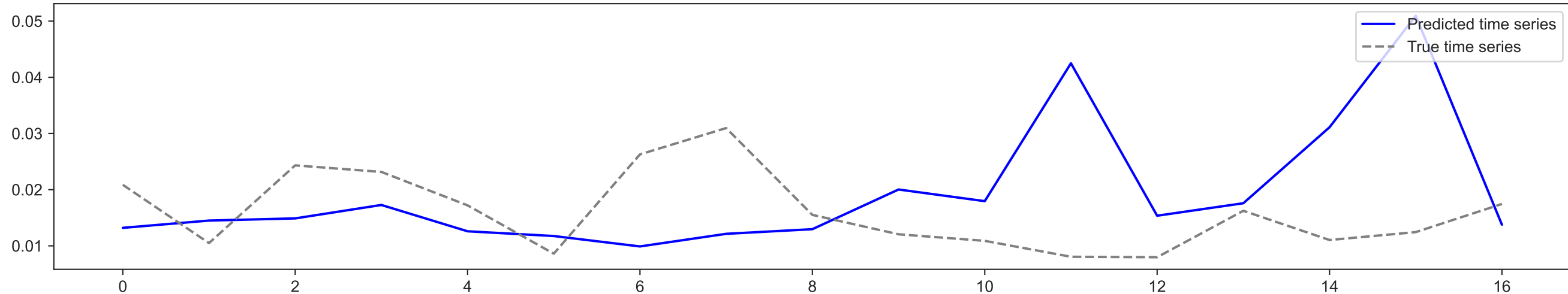




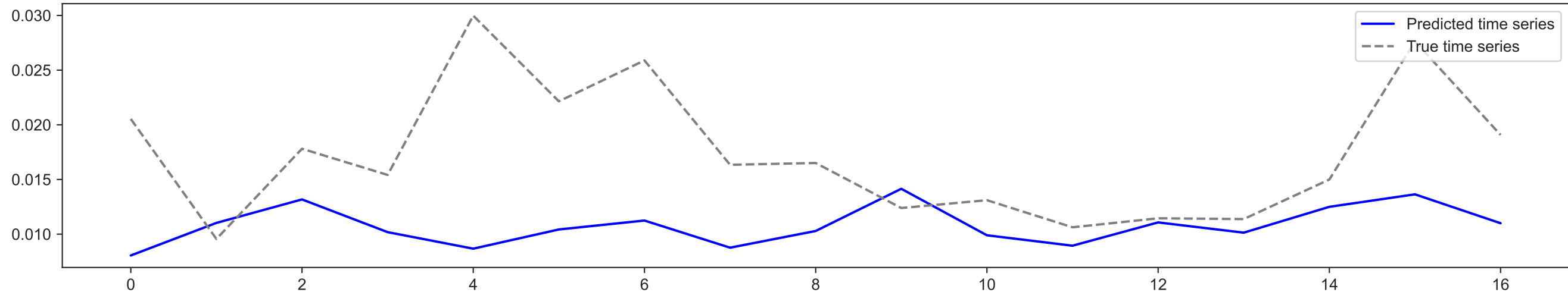
VTRS, RMSE =0.007800434047832089



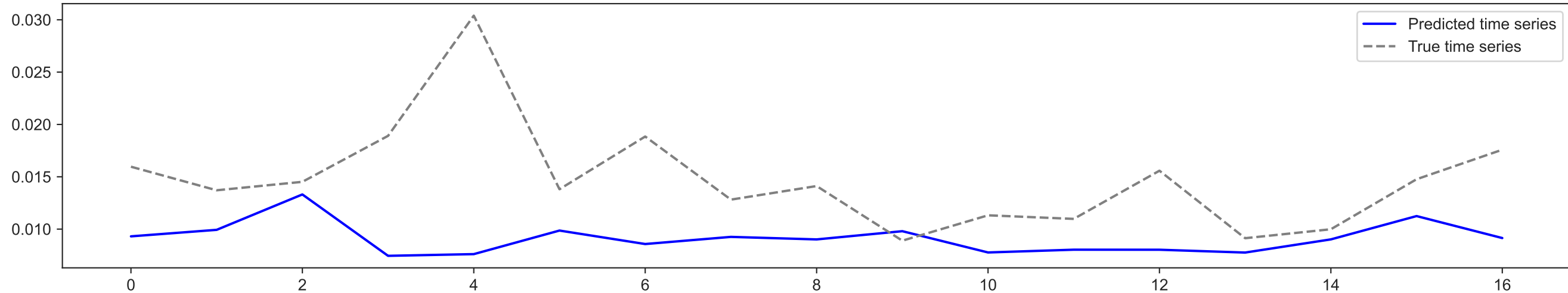
AKAM, RMSE =0.015557189506641166



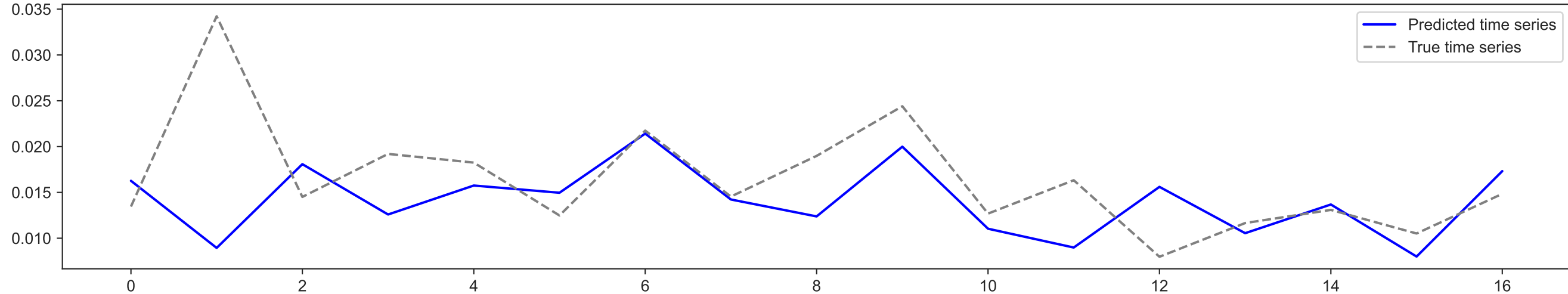
ROL, RMSE =0.009055803305884447



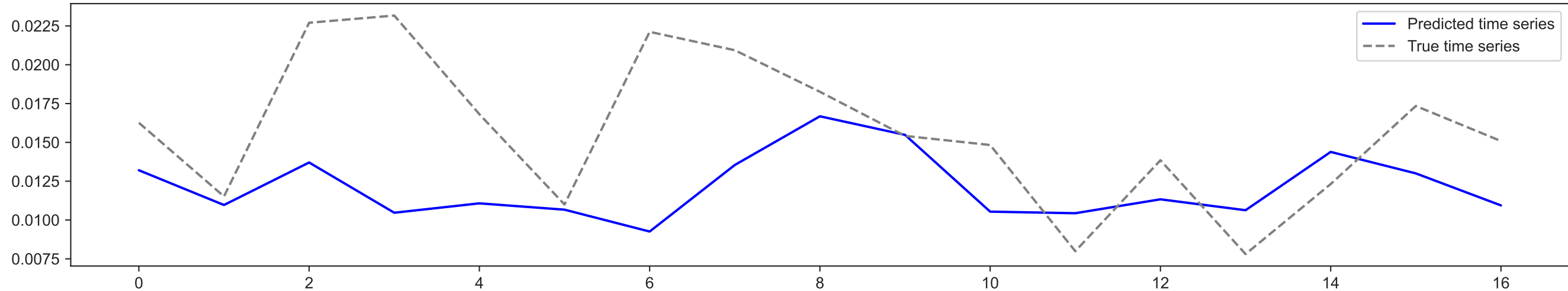
WRB, RMSE =0.00780588211102808



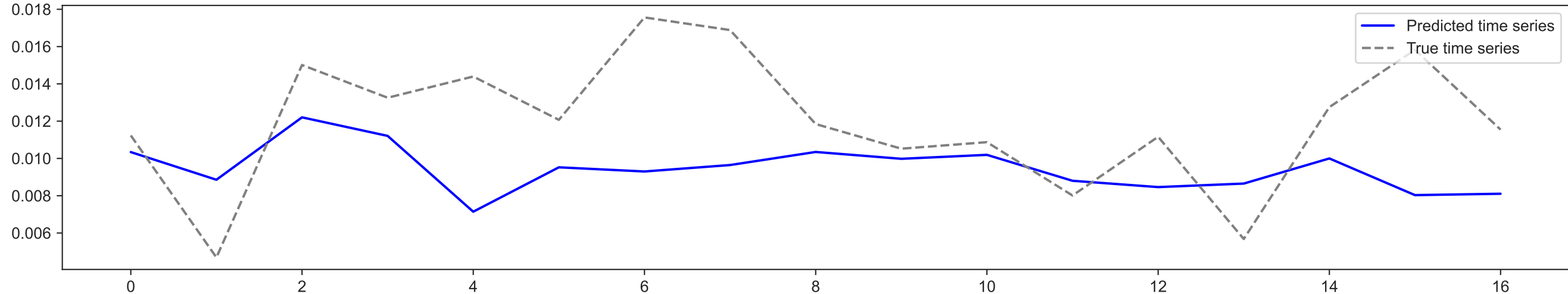
RMD, RMSE =0.007309423473582418



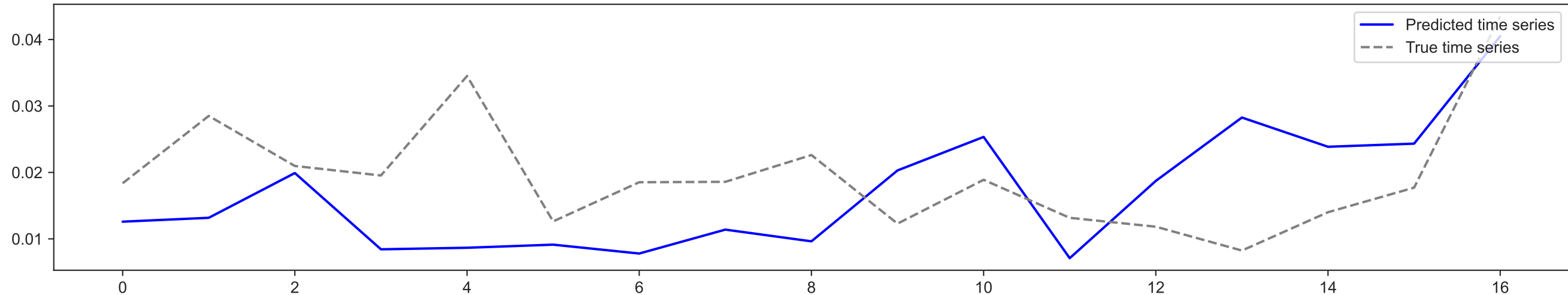
GOOGL, RMSE =0.005873923106169882



BRO, RMSE =0.004269181168139429

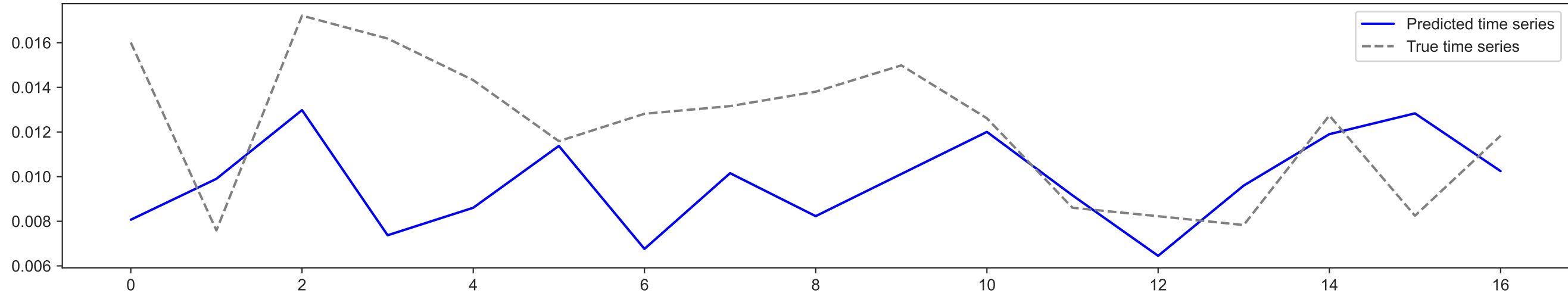


ANET, RMSE =0.011245315053926605

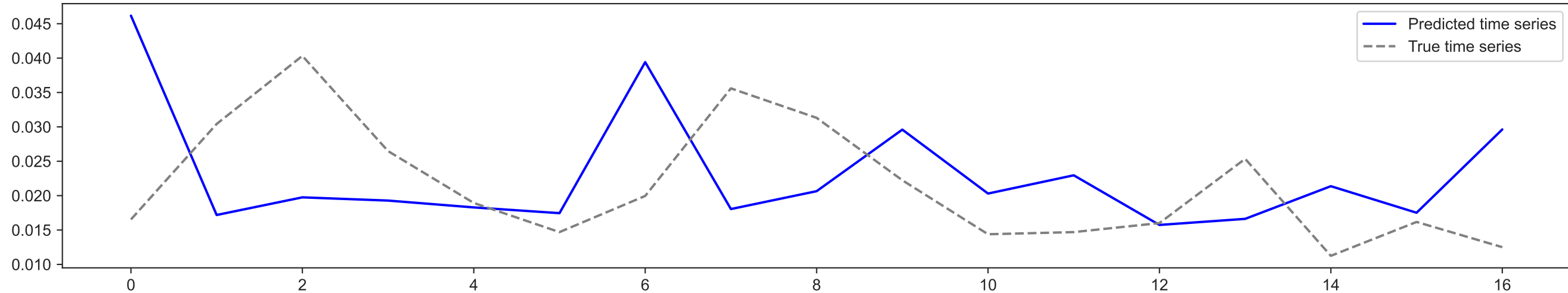




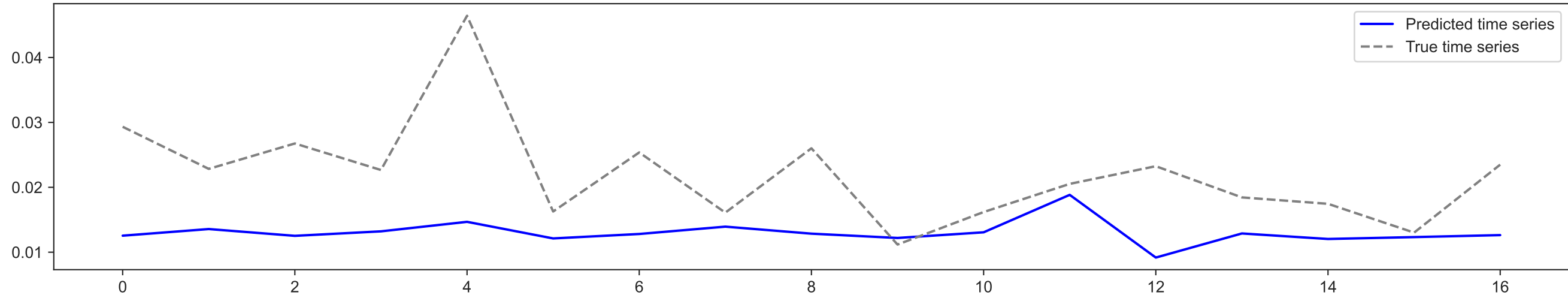
PAYX, RMSE =0.00439536963322068



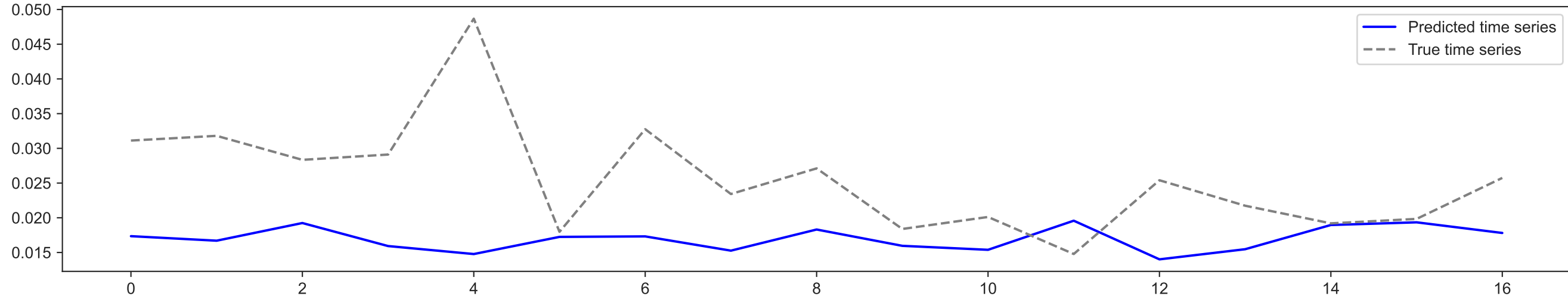
ILMN, RMSE =0.013212738156563637



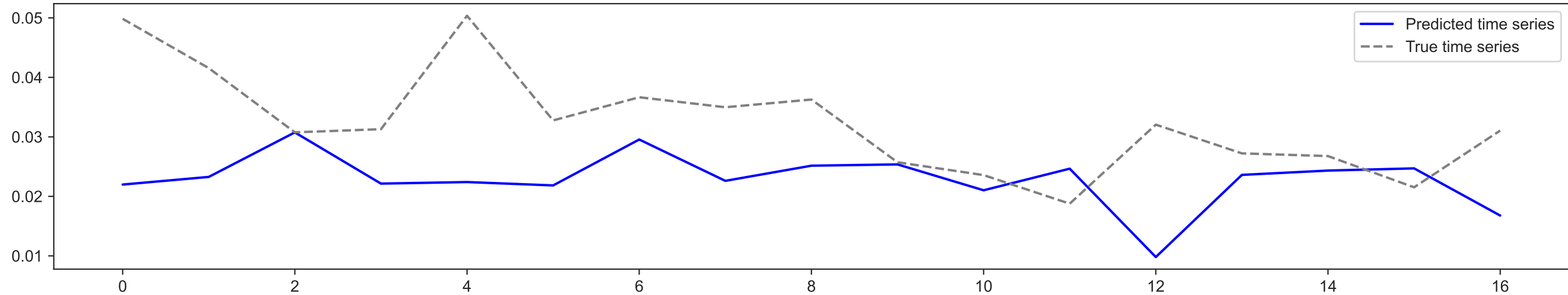
DRI, RMSE =0.011907946904262518



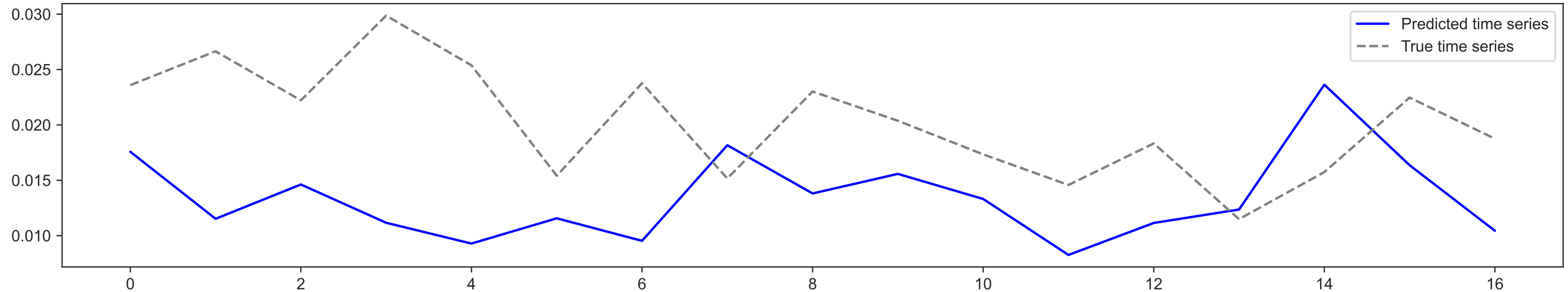
ALK, RMSE =0.012103179459571076



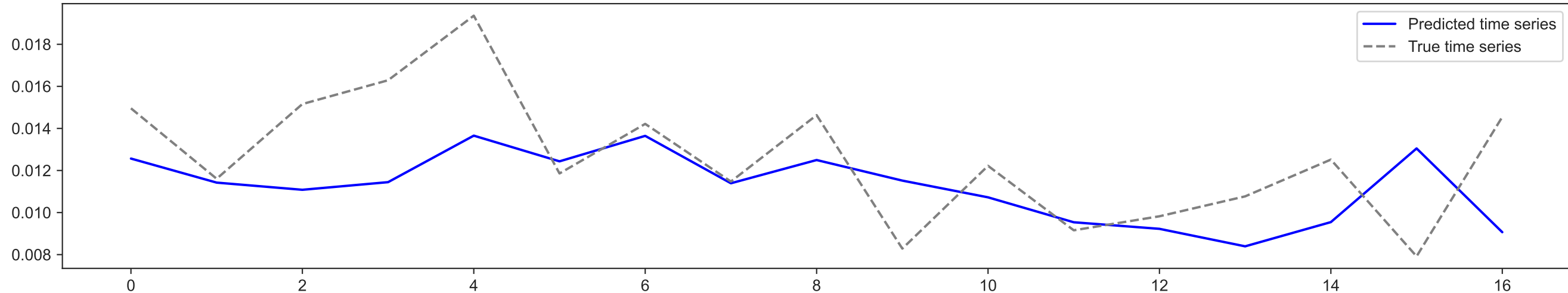
AAL, RMSE =0.013702983904697505



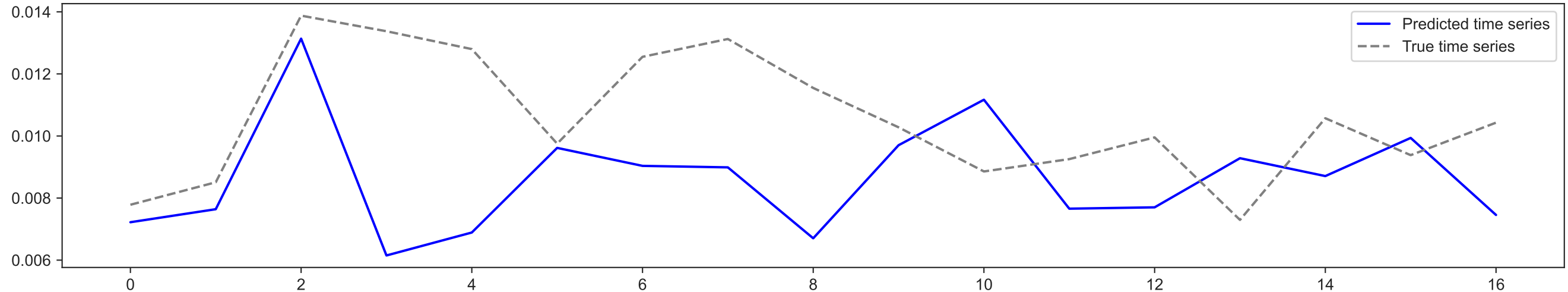
META, RMSE =0.009526535950102307



MAA, RMSE =0.003140384154399336

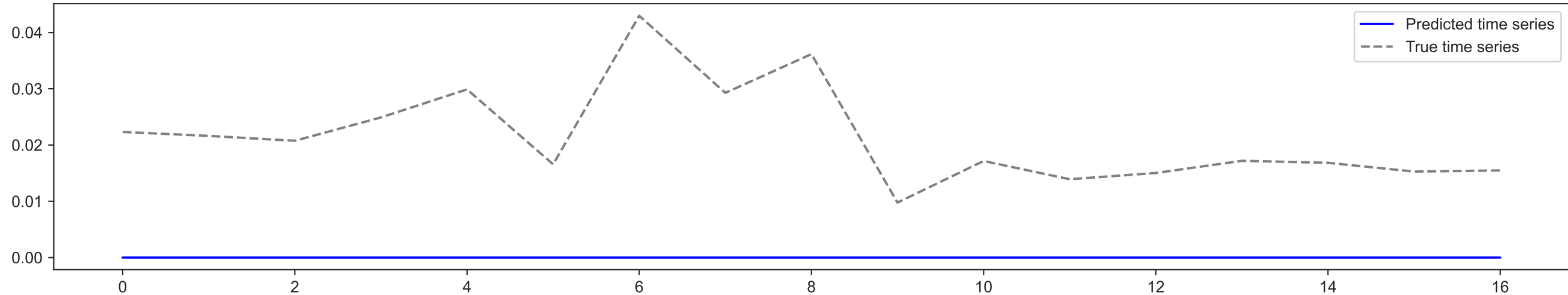


MMC, RMSE =0.0031766447408980623

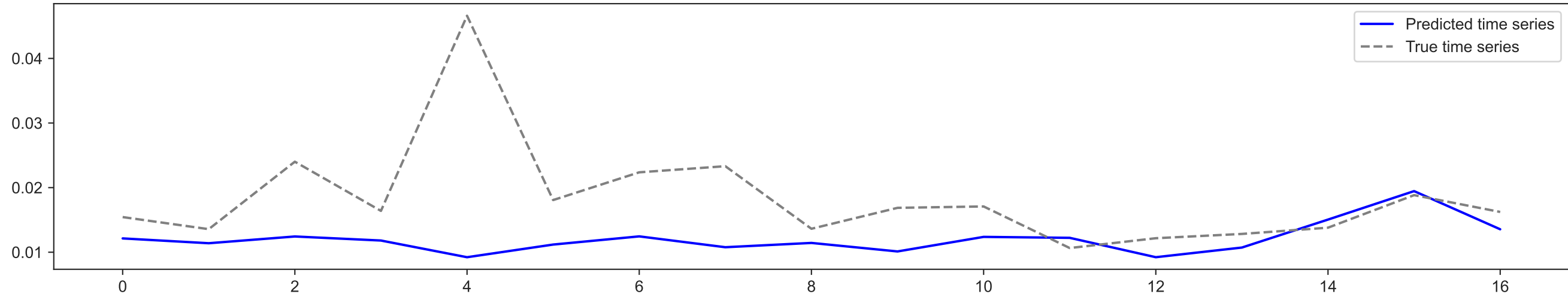




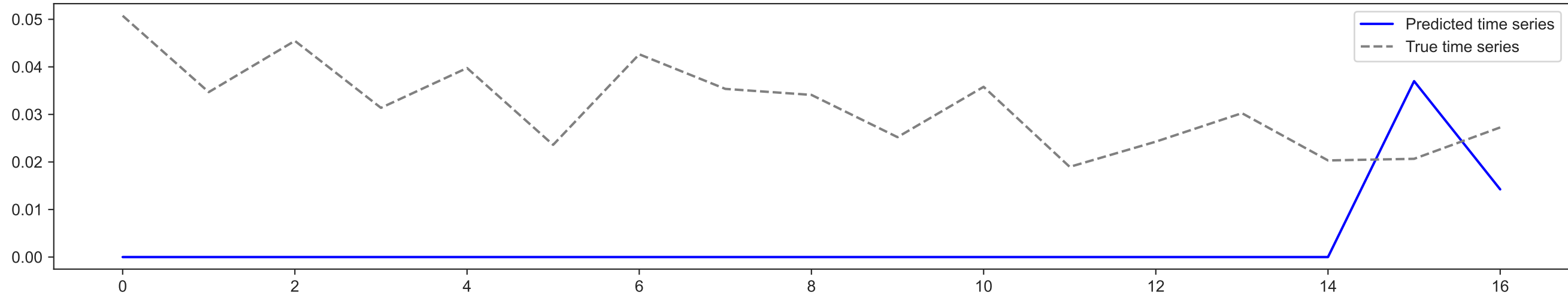
FOXA, RMSE =0.02308431880803689



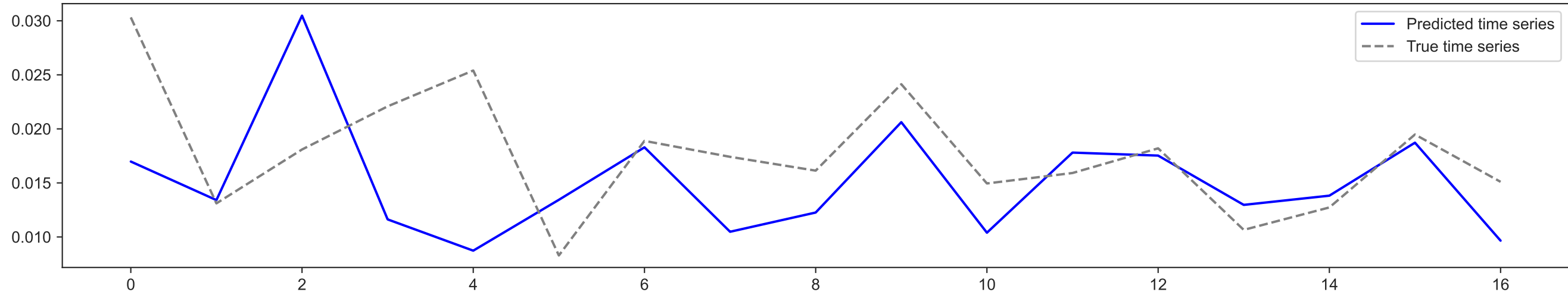
POOL, RMSE =0.010761002284742046



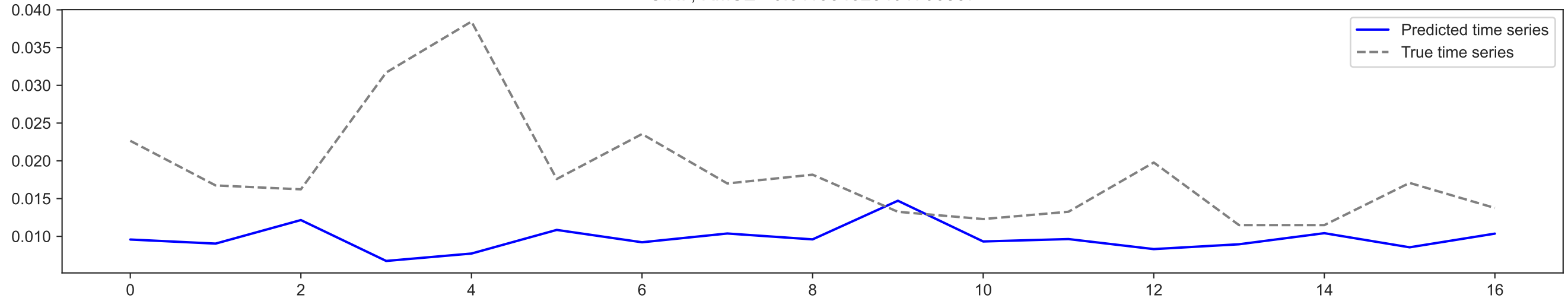
CZR, RMSE =0.032388889393384104



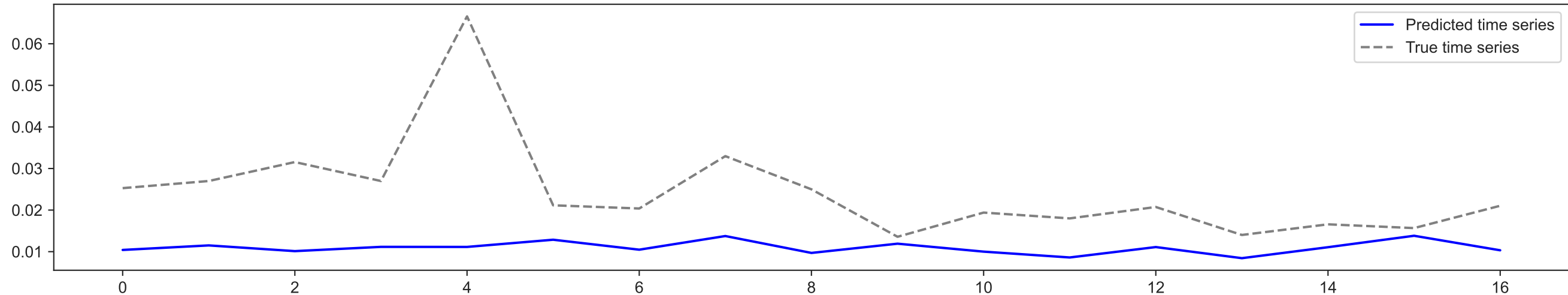
FFIV, RMSE =0.007204499596532016



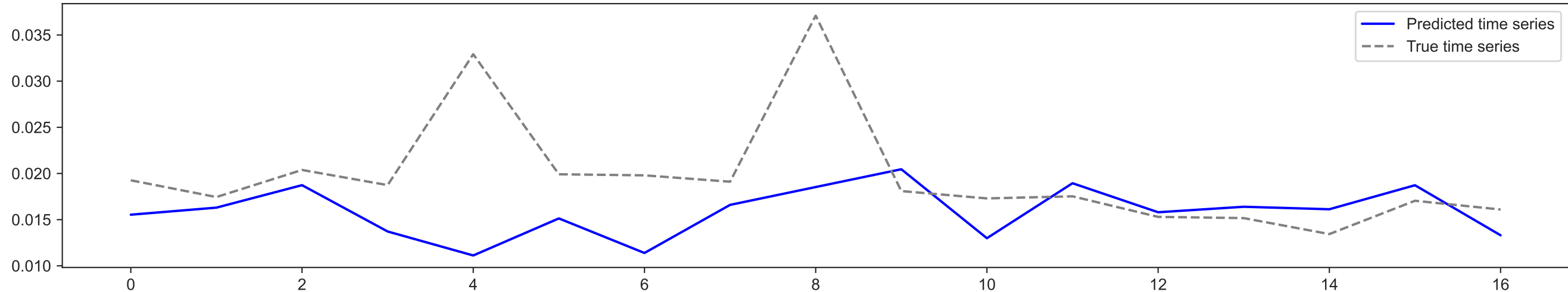
CINF, RMSE =0.011954023491706387



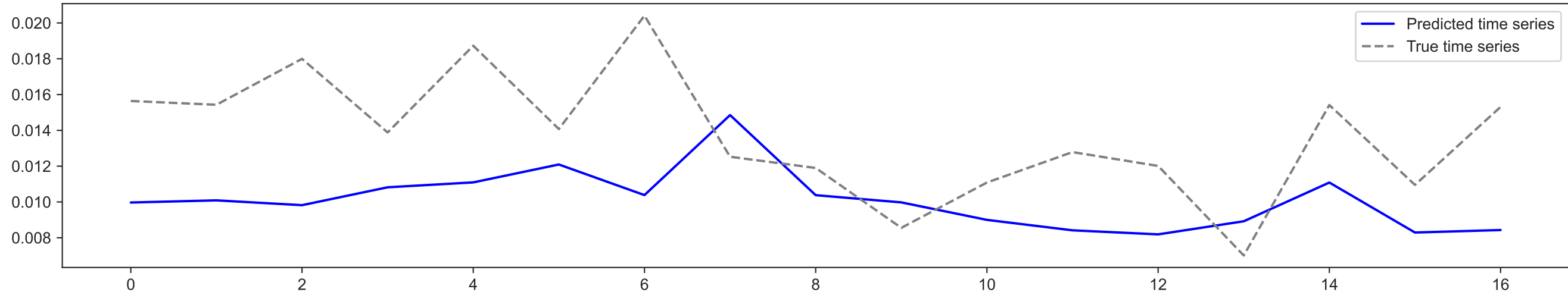
VNO, RMSE =0.017932720822123983



MKTX, RMSE =0.0077017903462402535

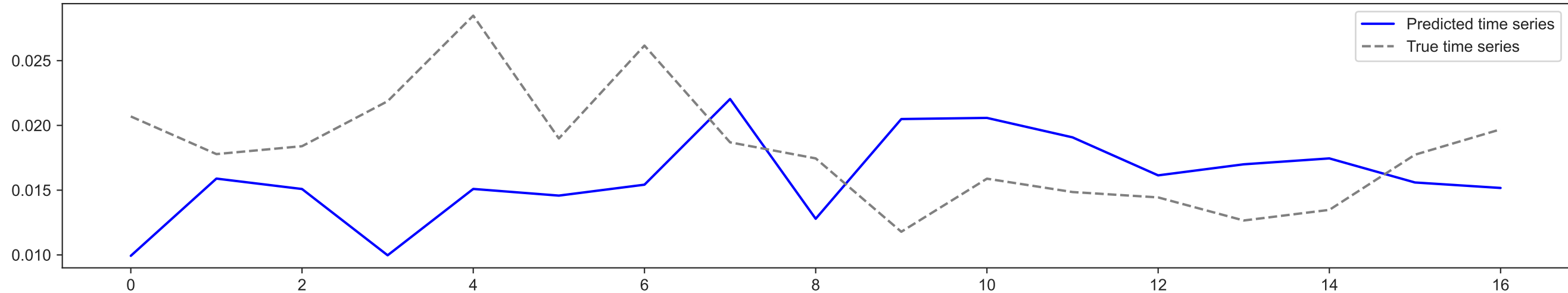


SRE, RMSE =0.004995656186597328

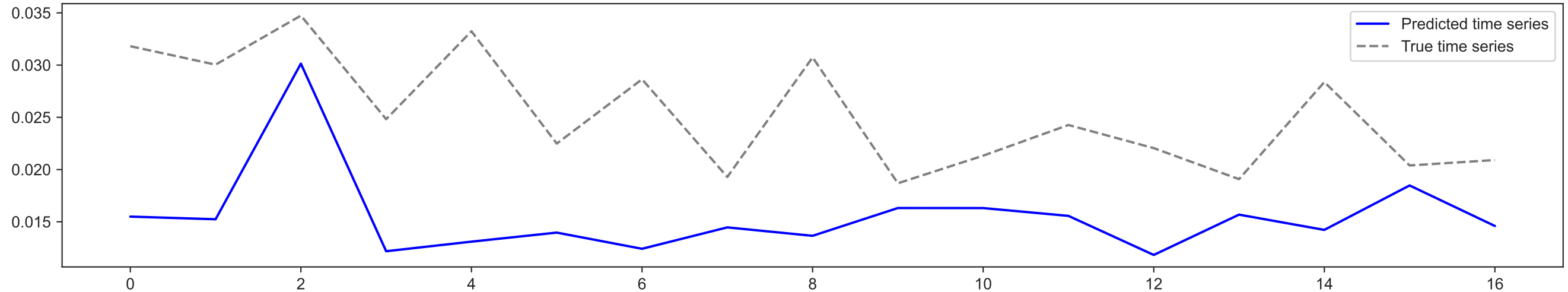




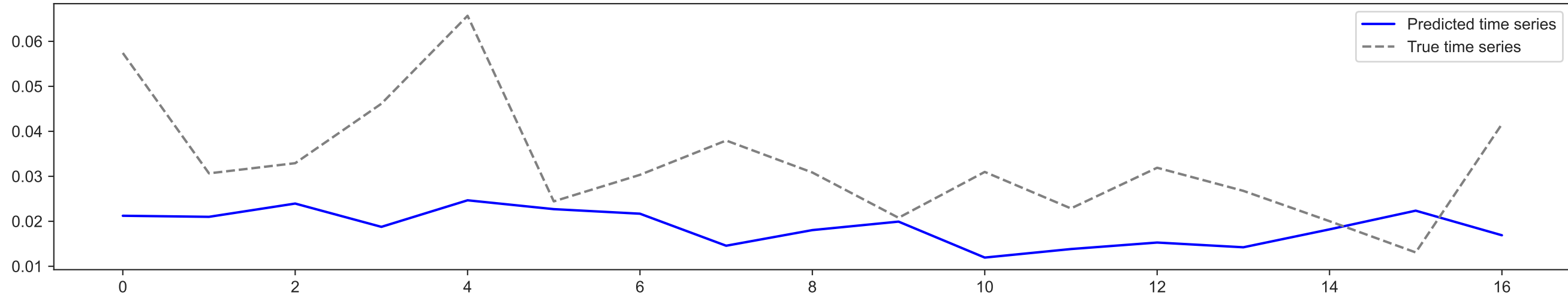
VMC, RMSE =0.006846171257501104



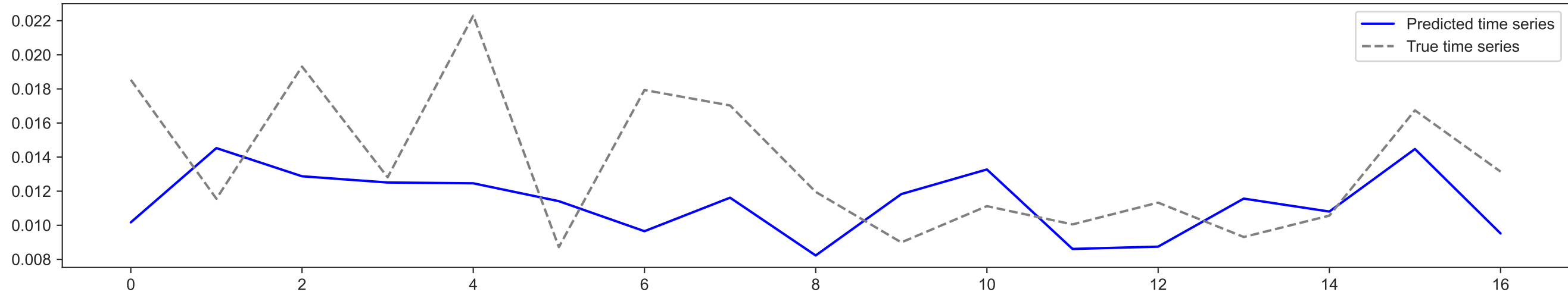
IVZ, RMSE =0.011347575215155134



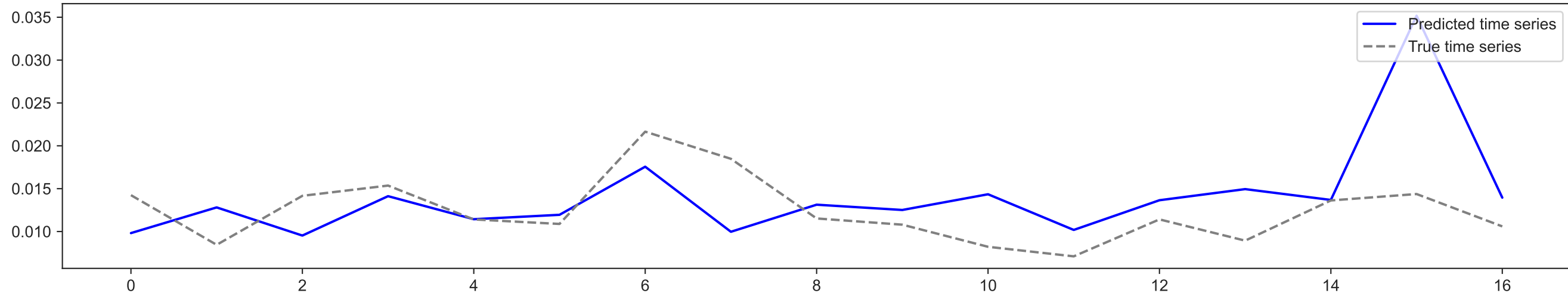
RCL, RMSE =0.01922352775278505



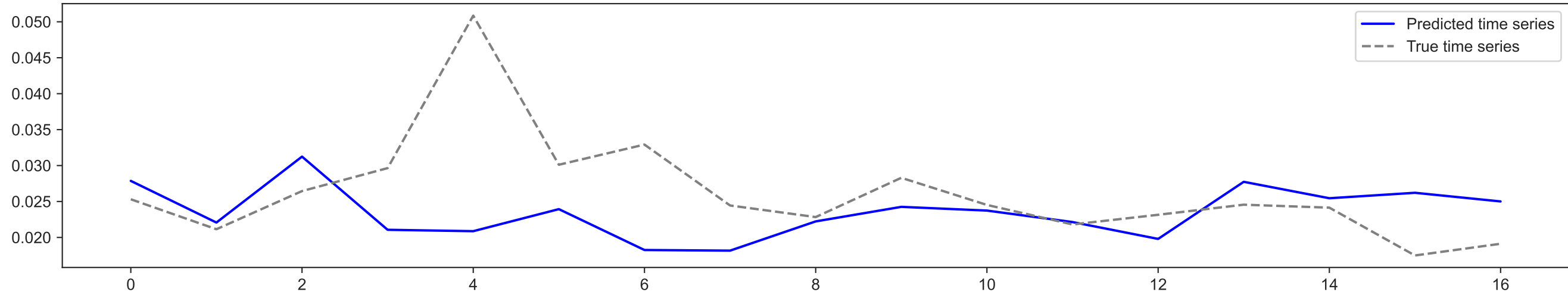
LHX, RMSE =0.004734717289302648



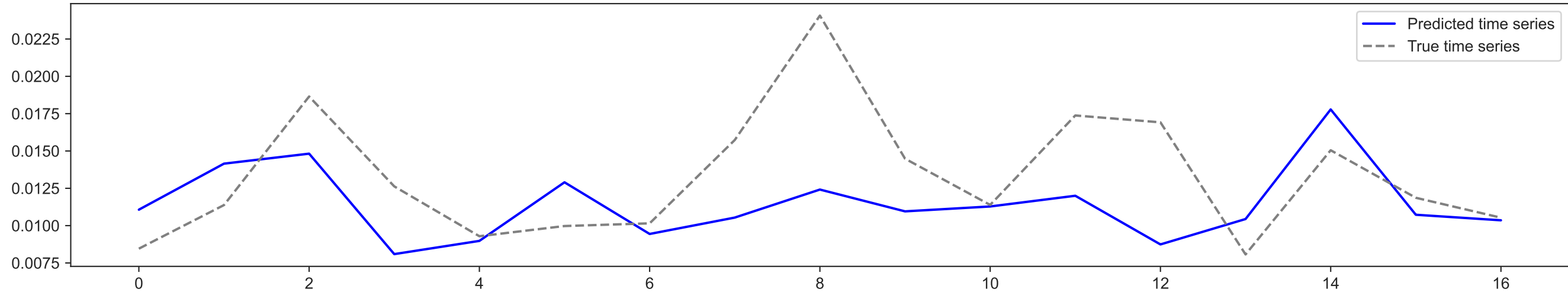
ONLY, RMSE =0.00637002841307558



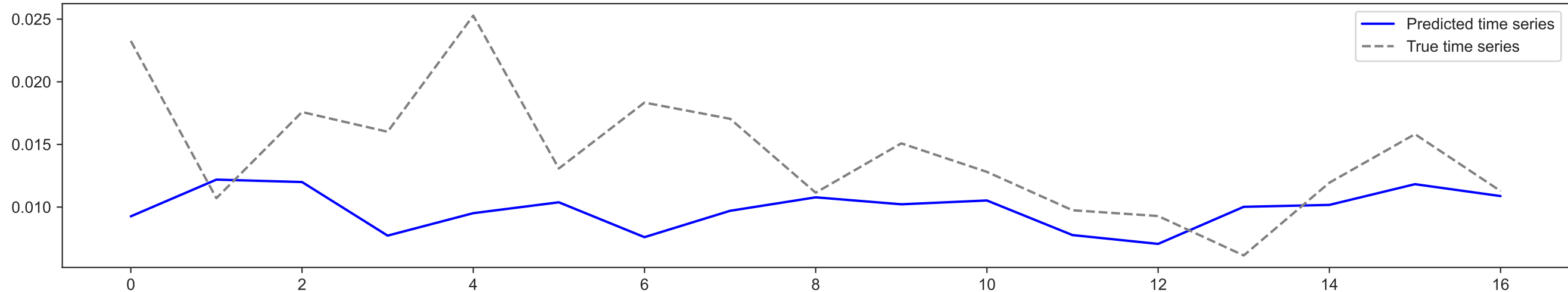
PXD, RMSE =0.009225895468194882



ORCL, RMSE =0.0045009545822053045

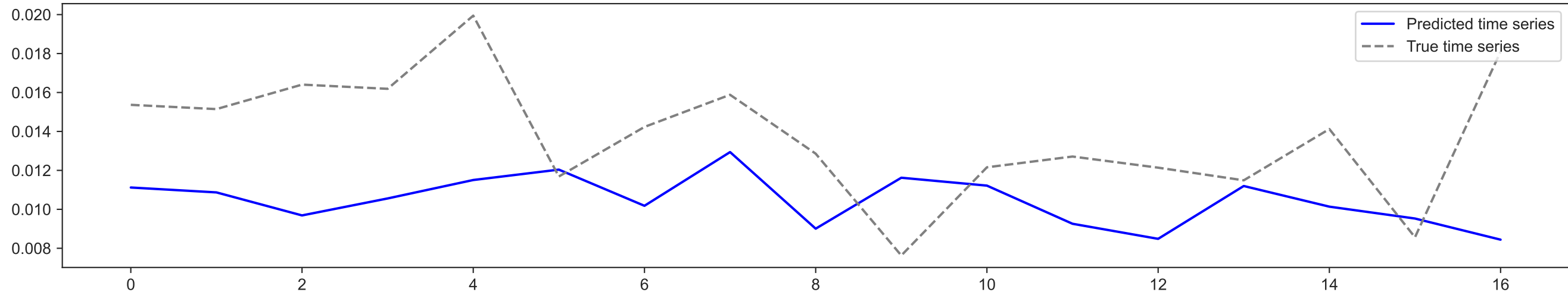


ECL, RMSE =0.006840000222700706

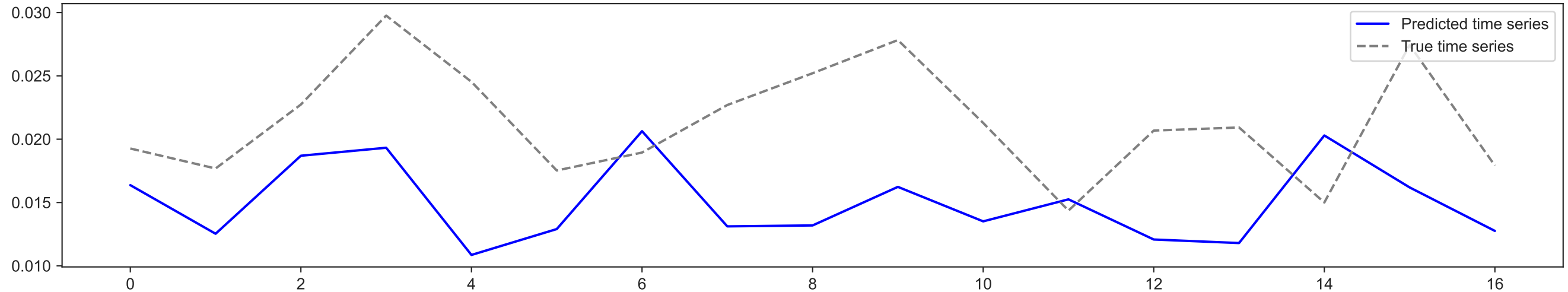




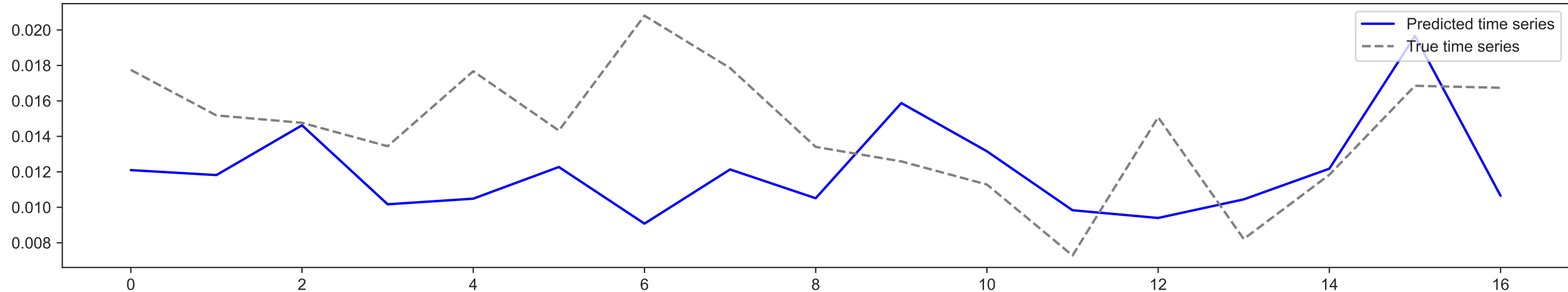
ETR, RMSE =0.004707044982942387



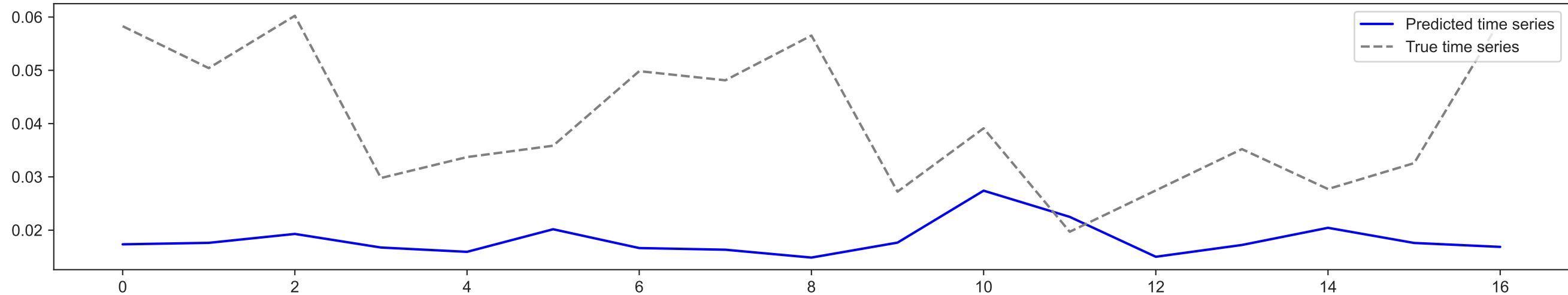
EBAY, RMSE =0.008193159447228393



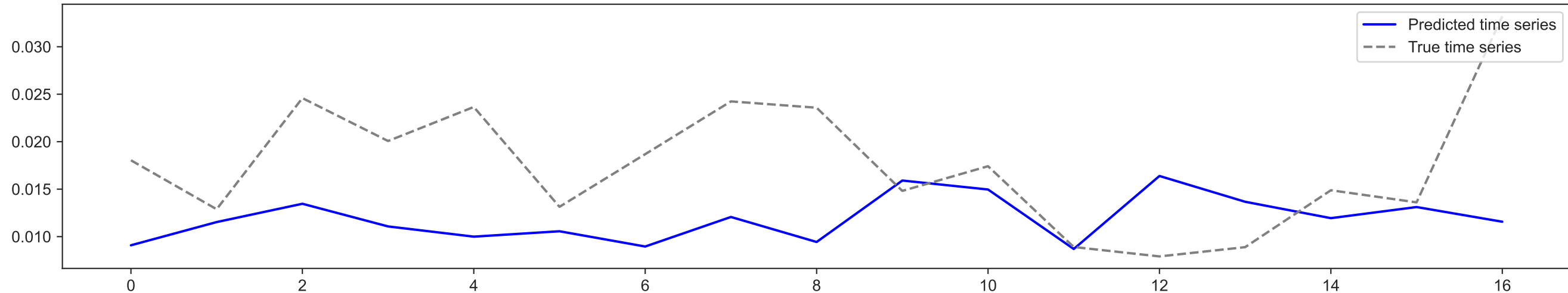
SBUX, RMSE =0.004800402241753332



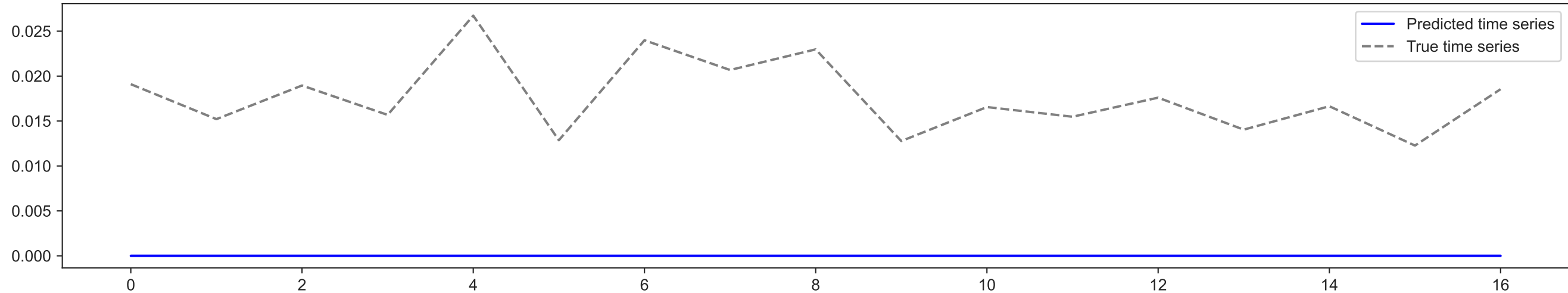
PENN, RMSE =0.026357879551780254



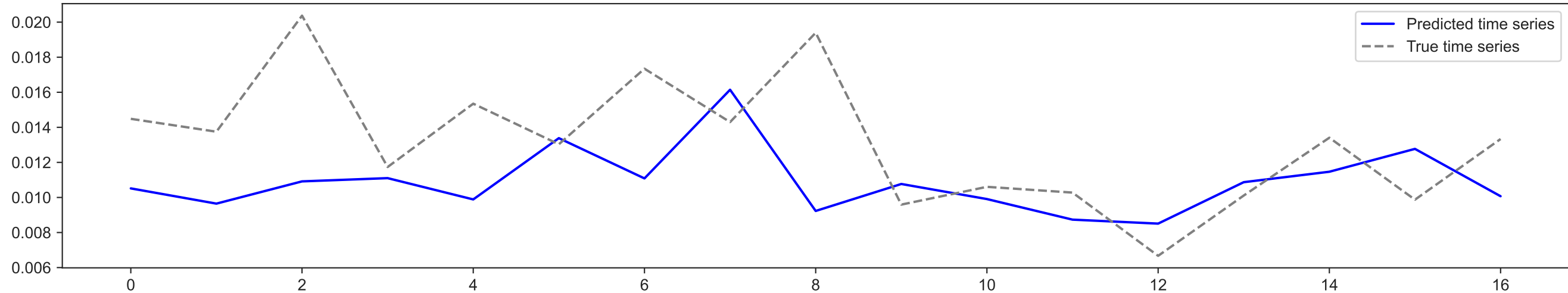
INTU, RMSE =0.009399990442461852



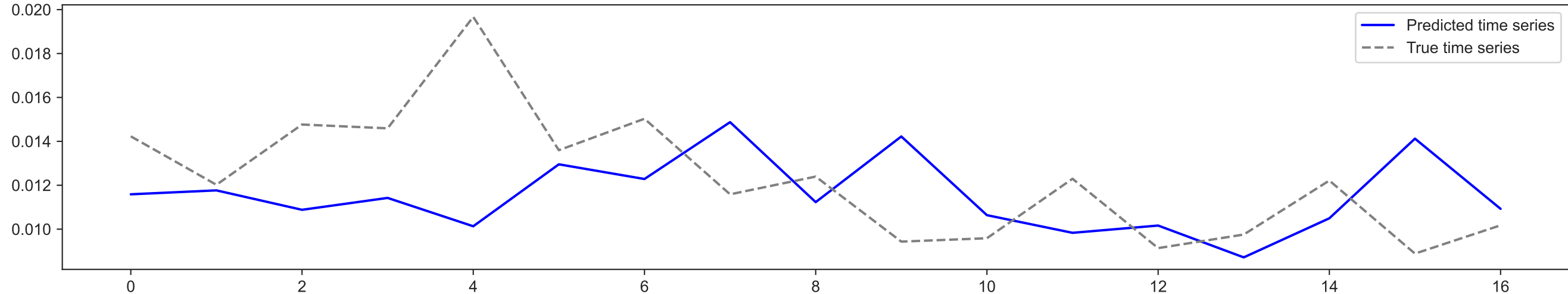
IR, RMSE =0.018097898476588346



AMT, RMSE =0.004400421932916597

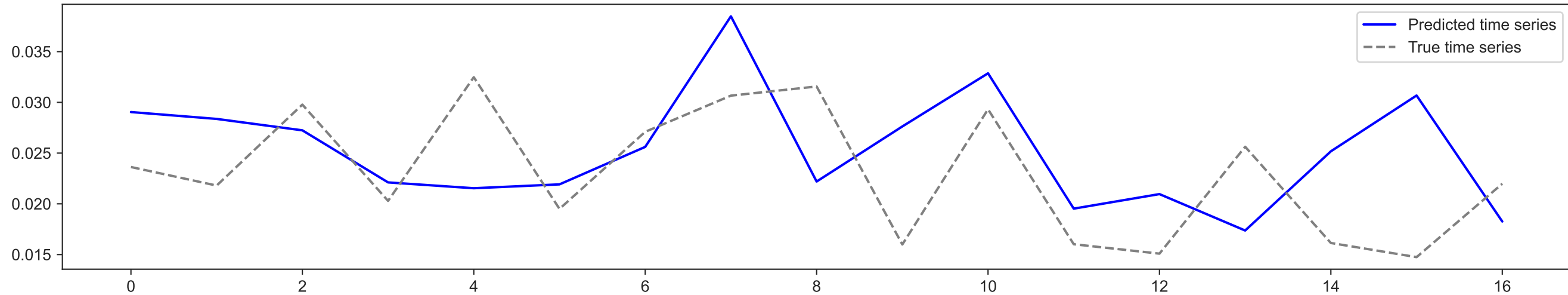


DRE, RMSE =0.0034843841543930358

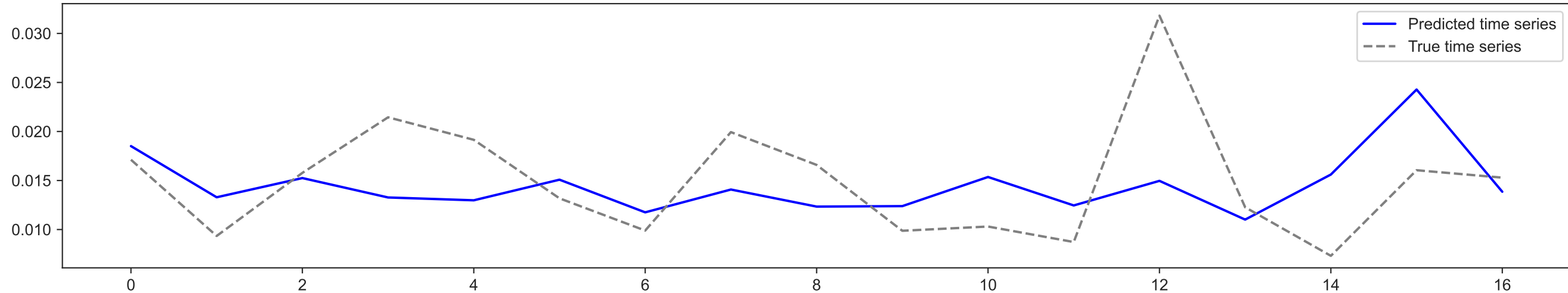




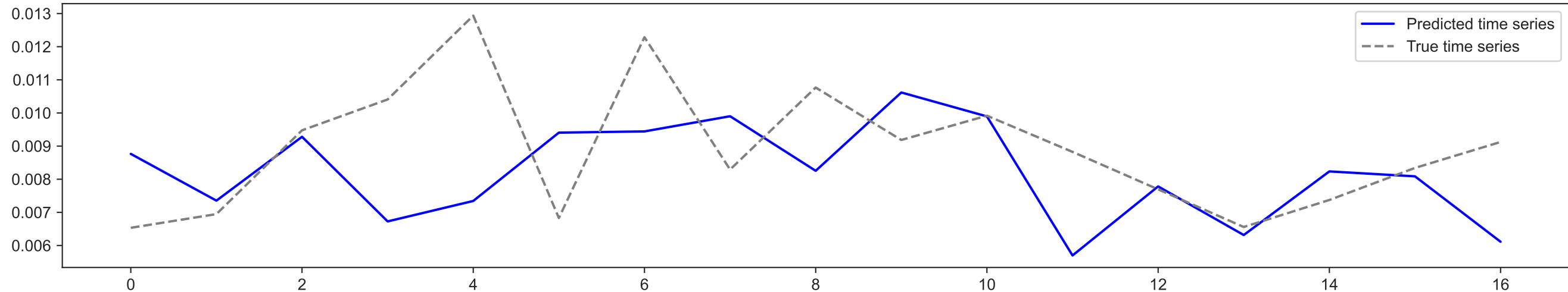
PAYC, RMSE =0.007558125121868009



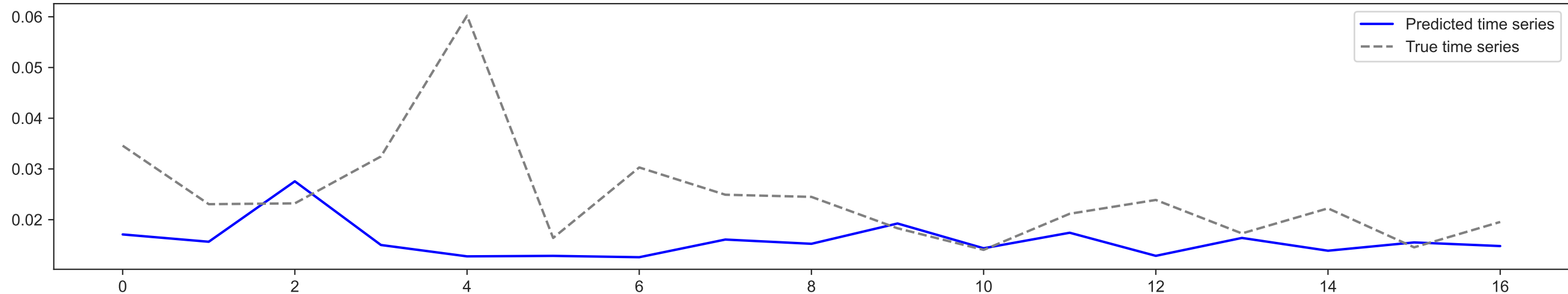
DPZ, RMSE =0.0061925416222786325



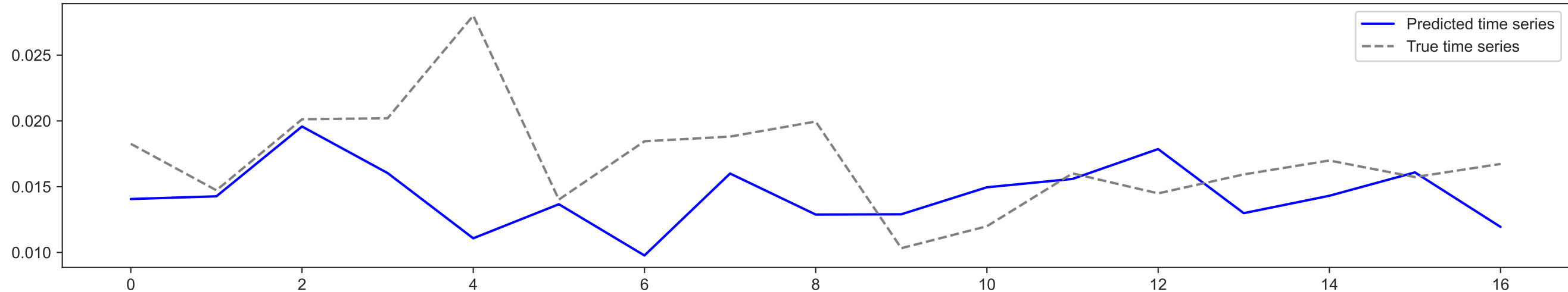
PG, RMSE =0.0023690525192143967



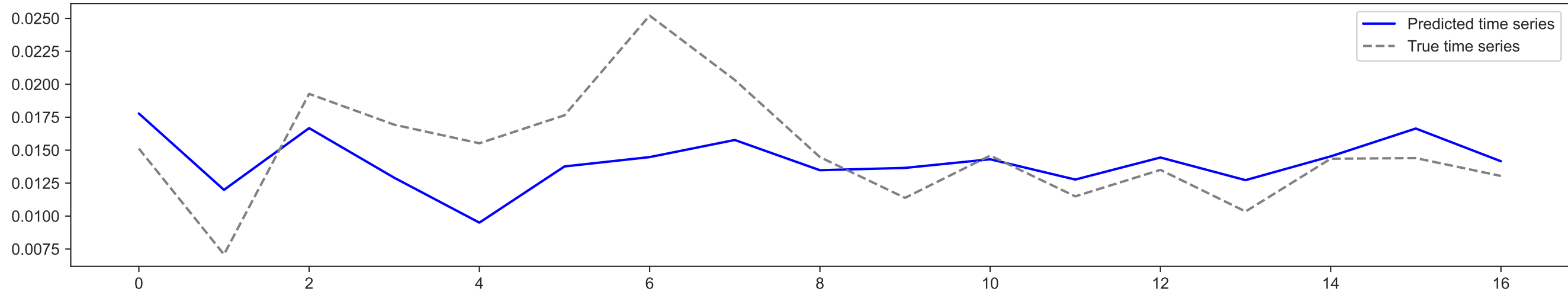
CMA, RMSE =0.01466100701106794



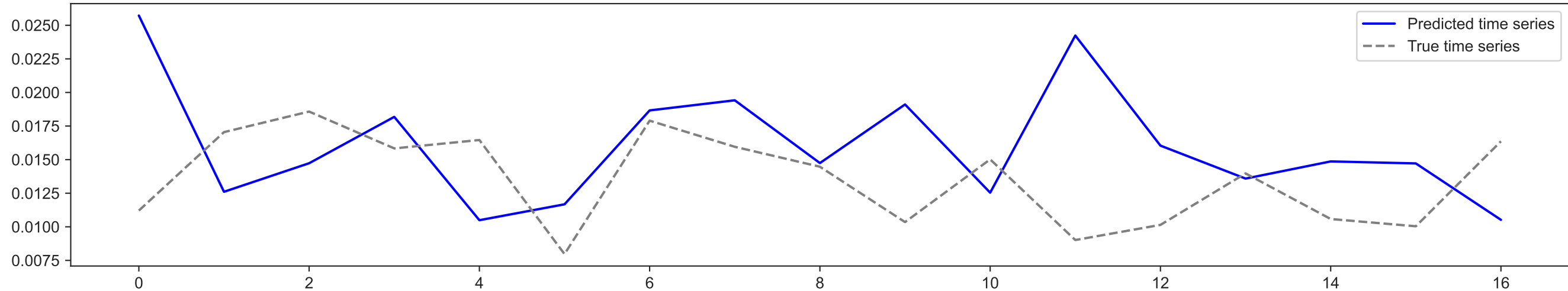
CAT, RMSE =0.005536441736849698



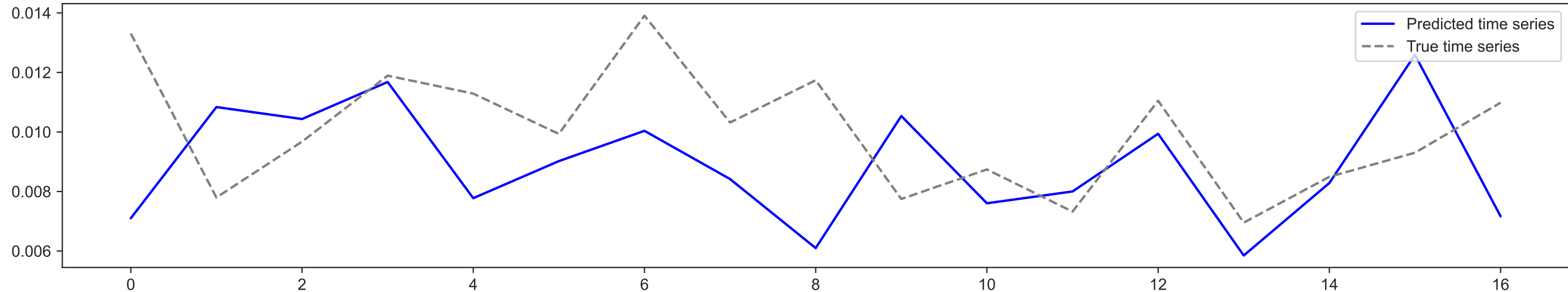
ODFL, RMSE =0.0039272096353541



MNST, RMSE =0.006582282258950619

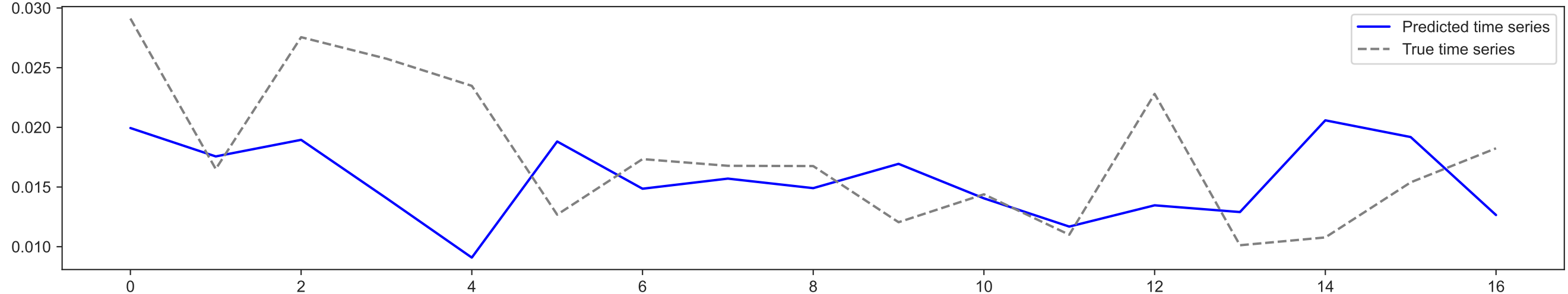


MCD, RMSE =0.0029636949258954534

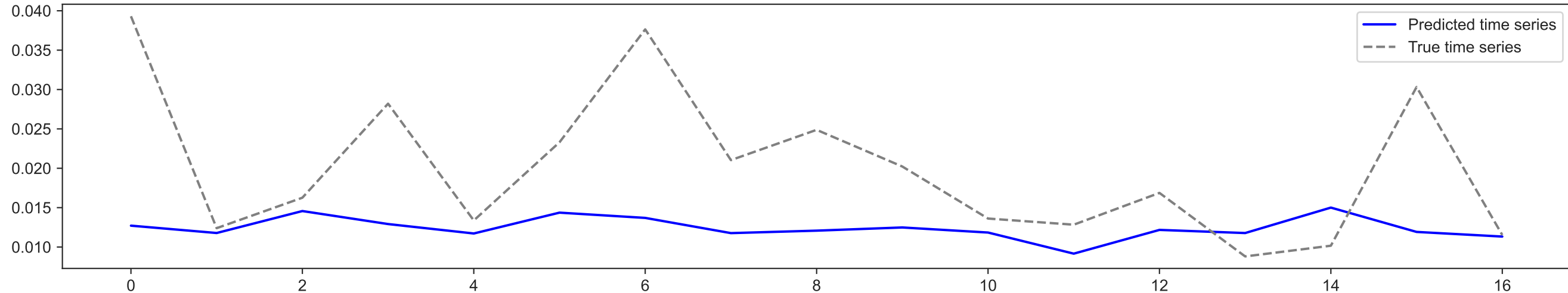




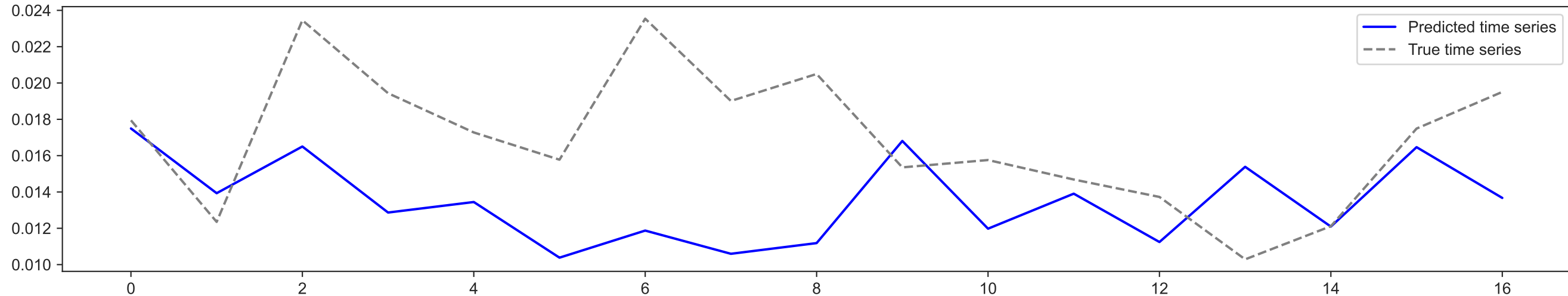
AMZN, RMSE =0.006914302820655718



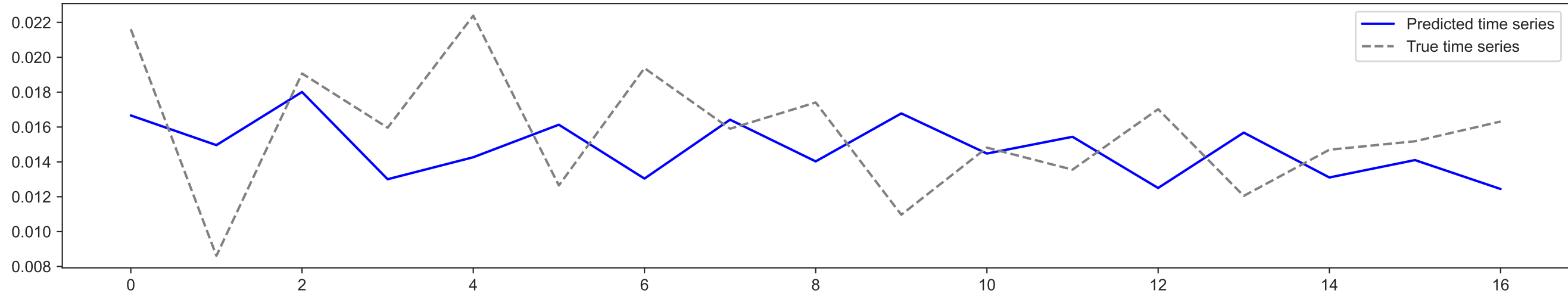
INTC, RMSE =0.011680270396592854



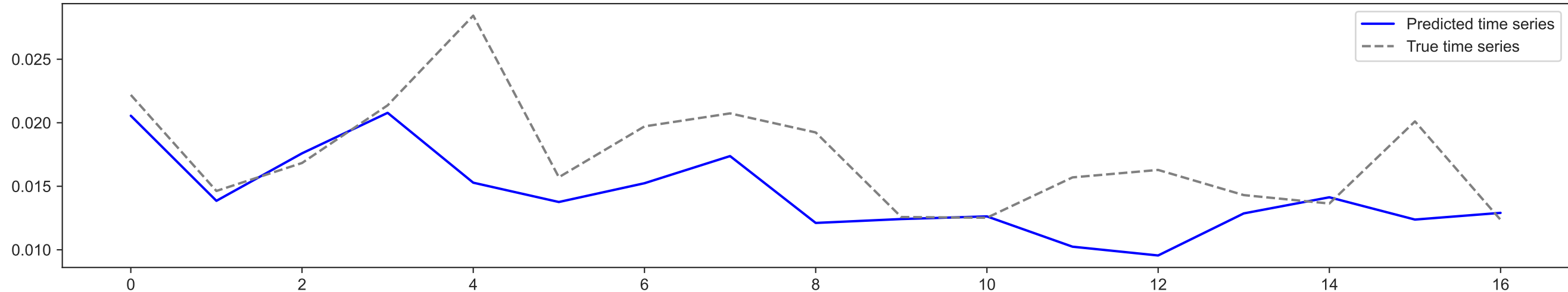
GLW, RMSE =0.005509041983878231



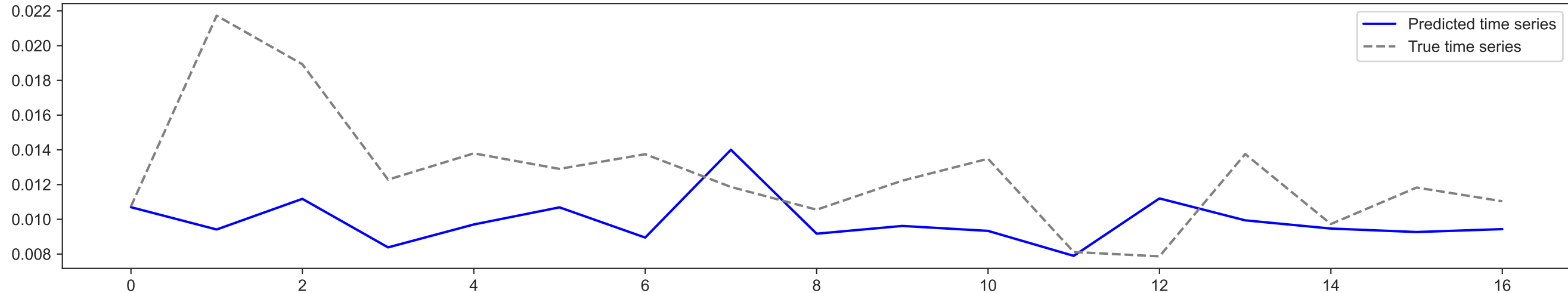
PNR, RMSE =0.004161631620924512



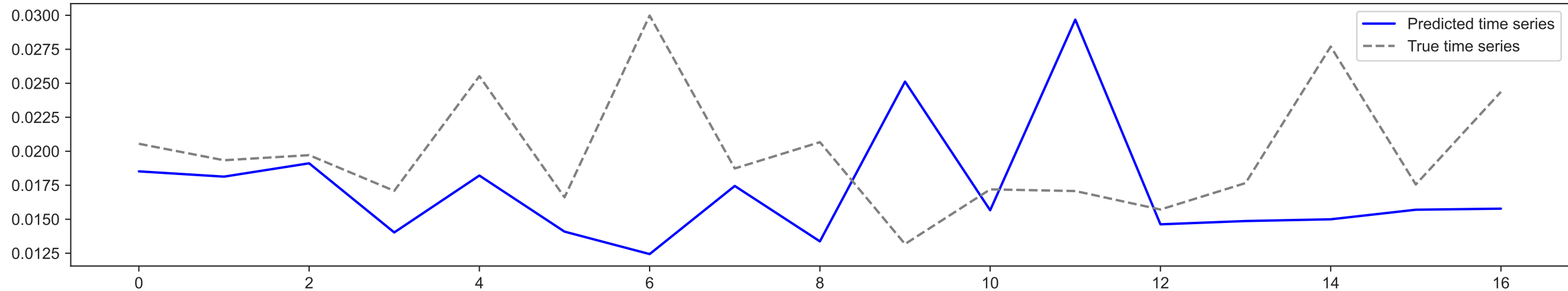
KMI, RMSE =0.004853347620606178



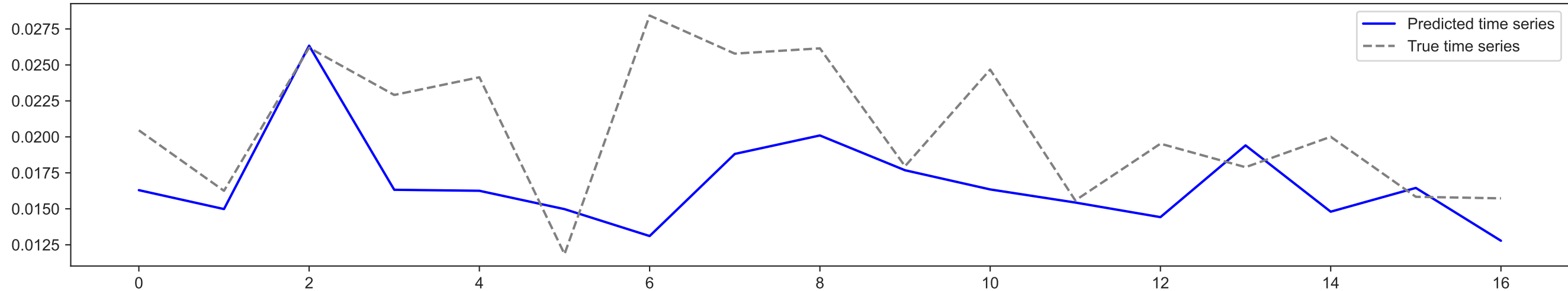
BDX, RMSE =0.0044524897524055316



PWR, RMSE =0.007629034149880623

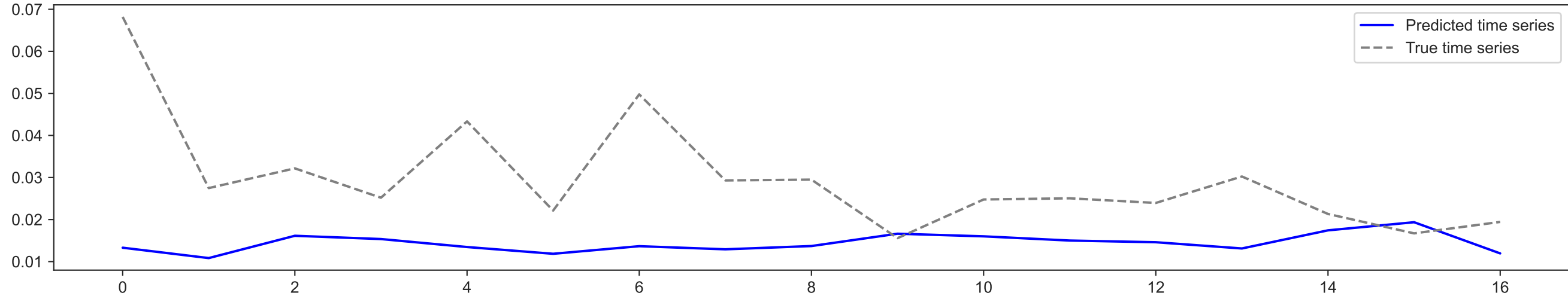


APTV, RMSE =0.005882323718967684

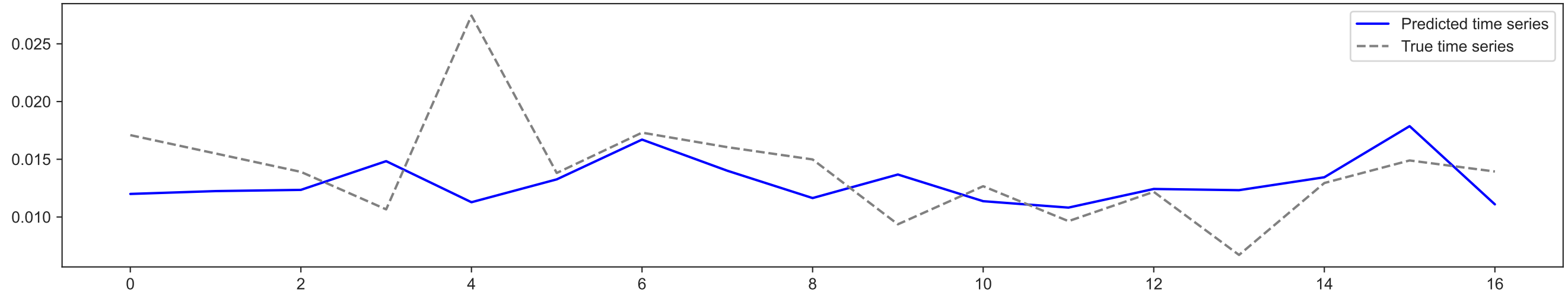




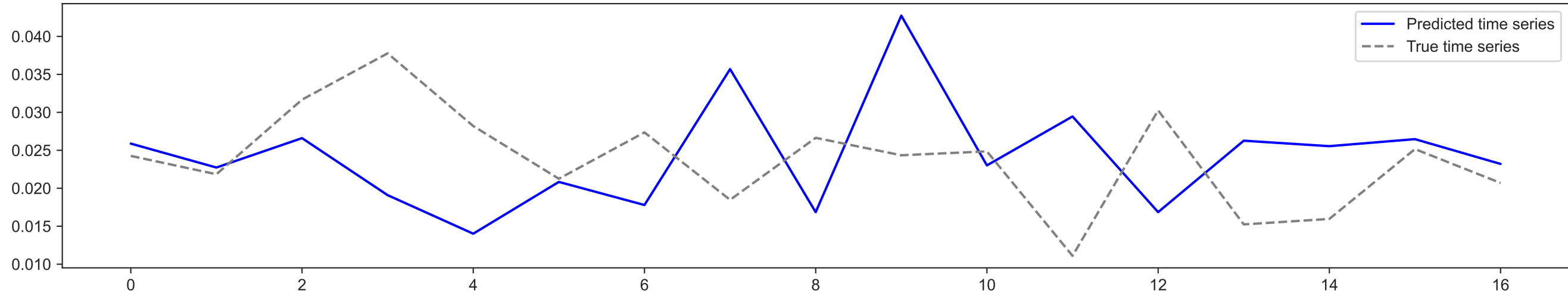
BBWI, RMSE =0.020436076524862255



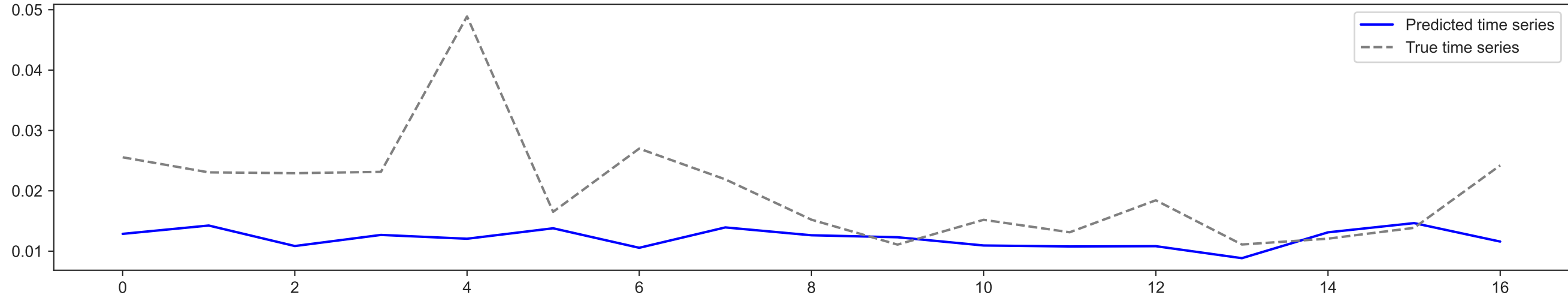
EXR, RMSE =0.004875799227288572



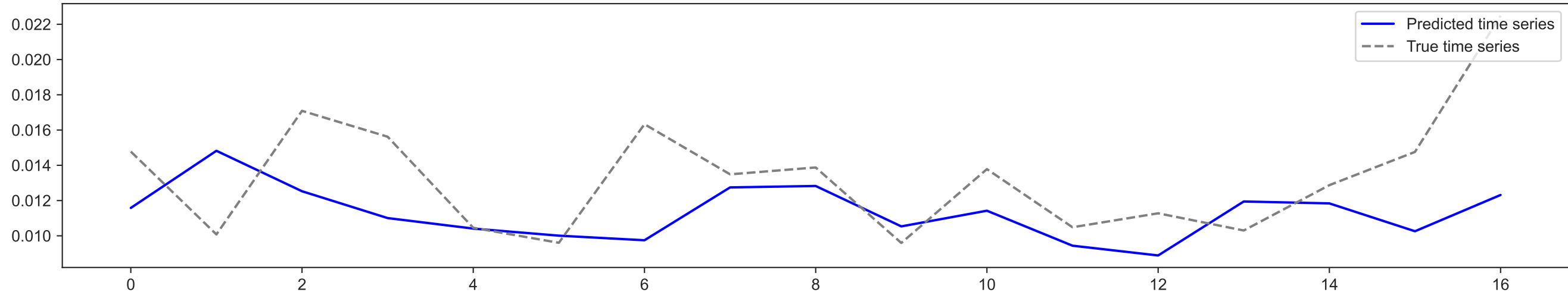
DXCM, RMSE =0.011226357251104215



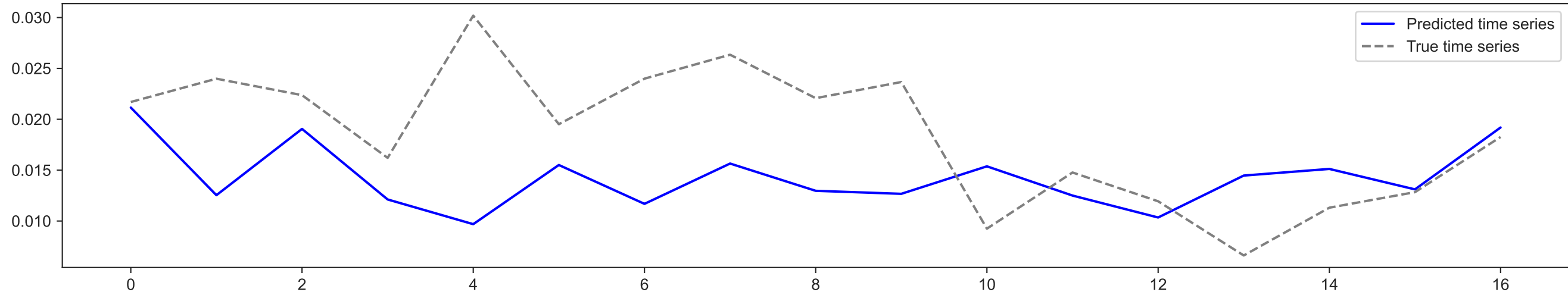
WELL, RMSE =0.011998819094720219



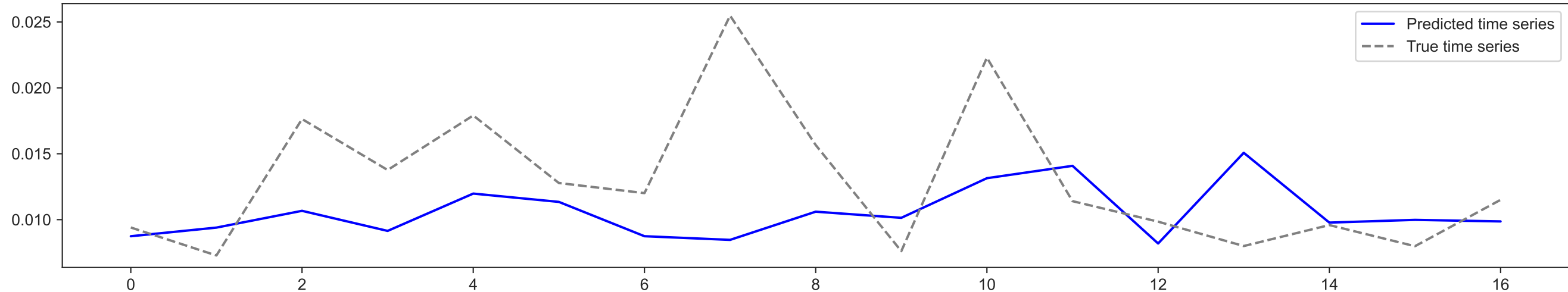
EXPD, RMSE =0.003916917836459056



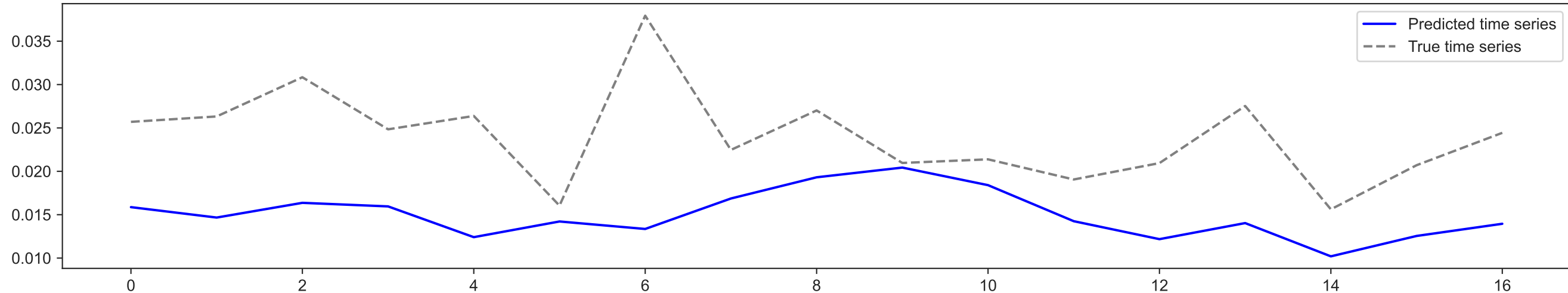
HOLX, RMSE =0.008355378225672455



VRSK, RMSE =0.005913209794132674

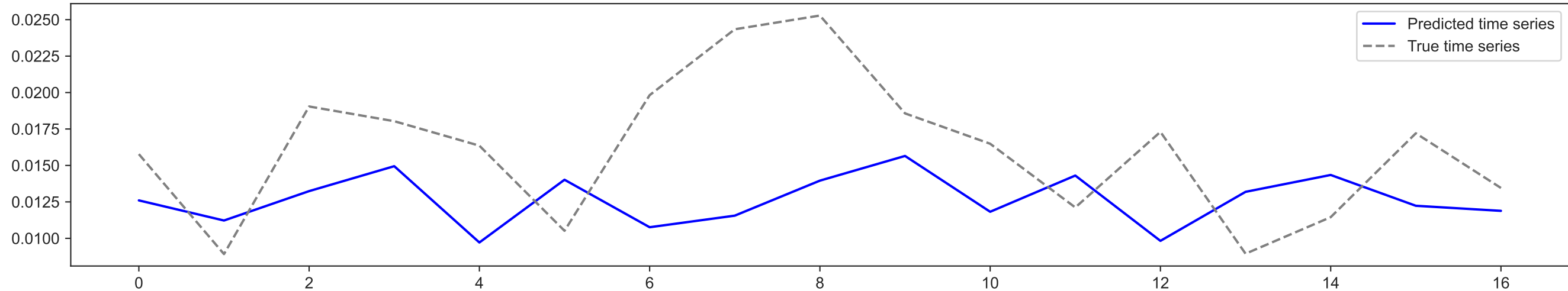


GM, RMSE =0.010604099470200646

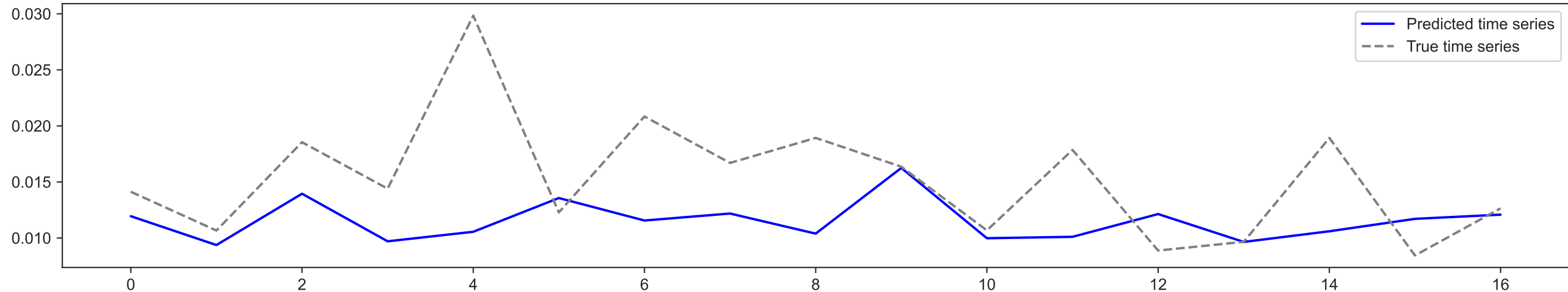




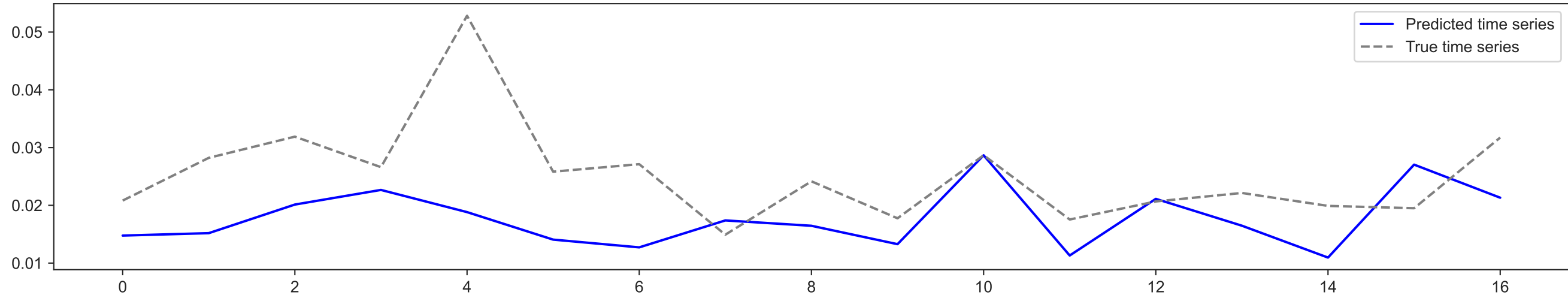
TXN, RMSE =0.006103004655049905



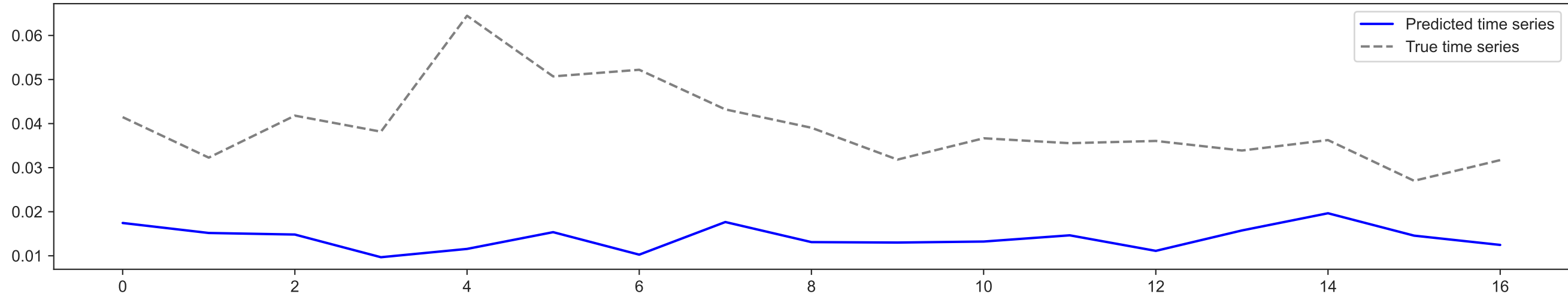
TMO, RMSE =0.006659062713588121



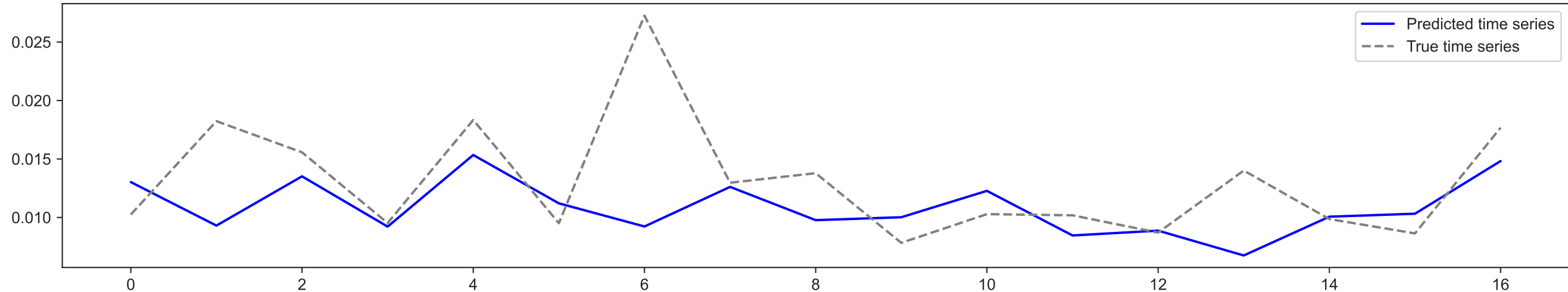
RL, RMSE =0.011540123729156701



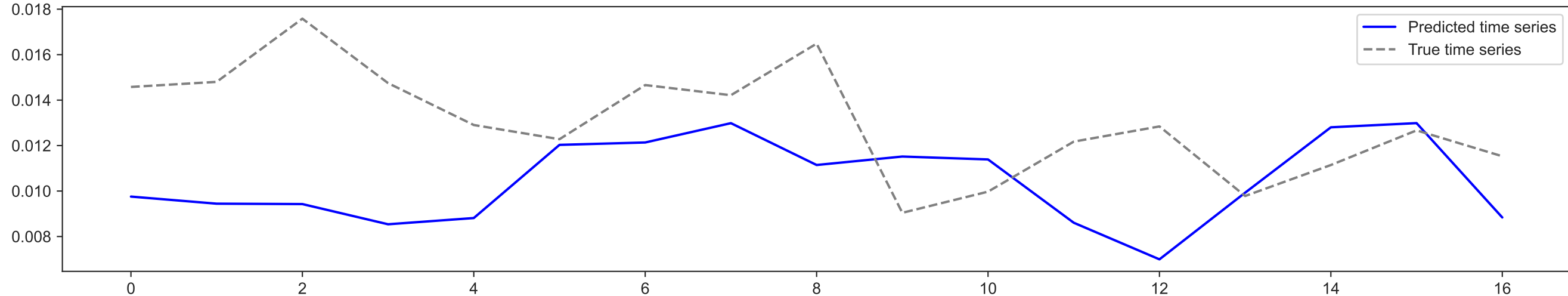
OXY, RMSE =0.027266627179167485



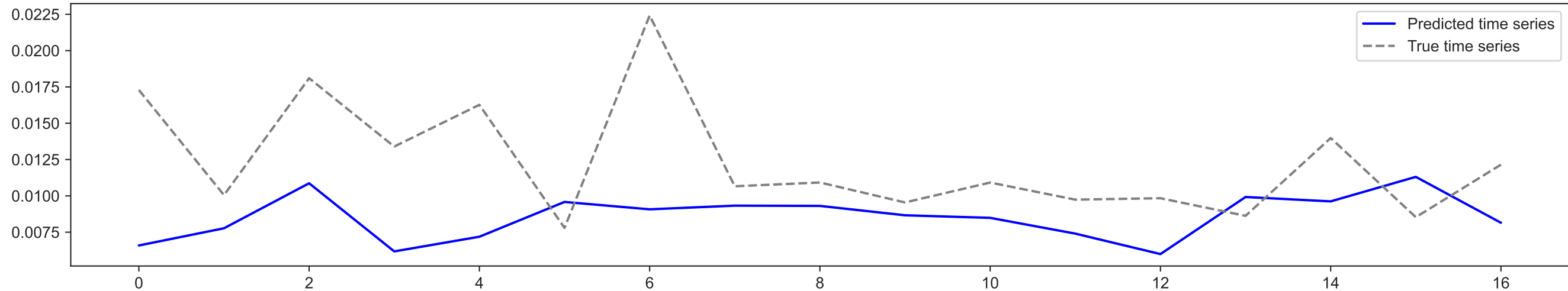
SJM, RMSE =0.005533222217625363



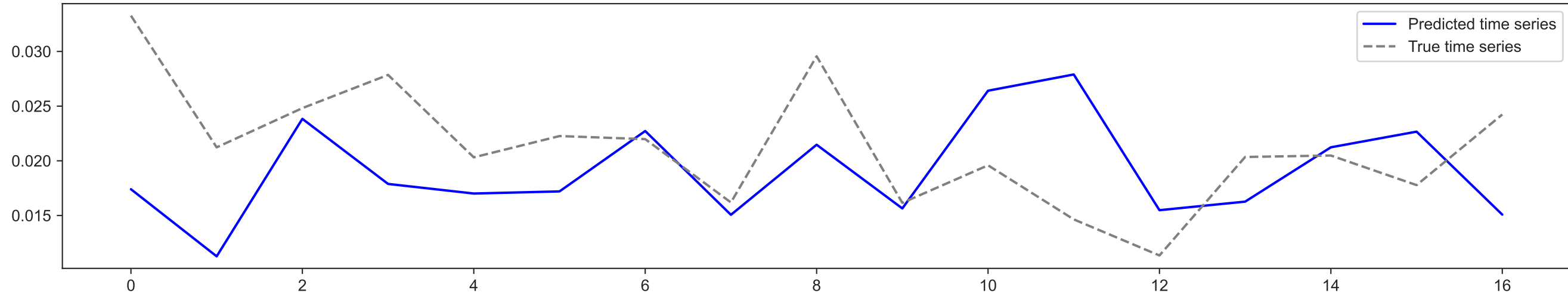
CCI, RMSE =0.00402528425883811



MMM, RMSE =0.005757512826147649

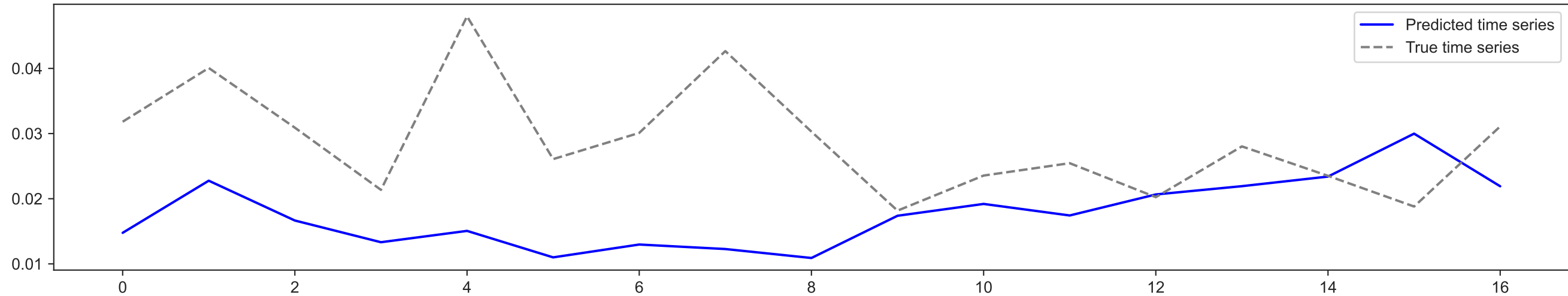


FTNT, RMSE =0.007355254187222015

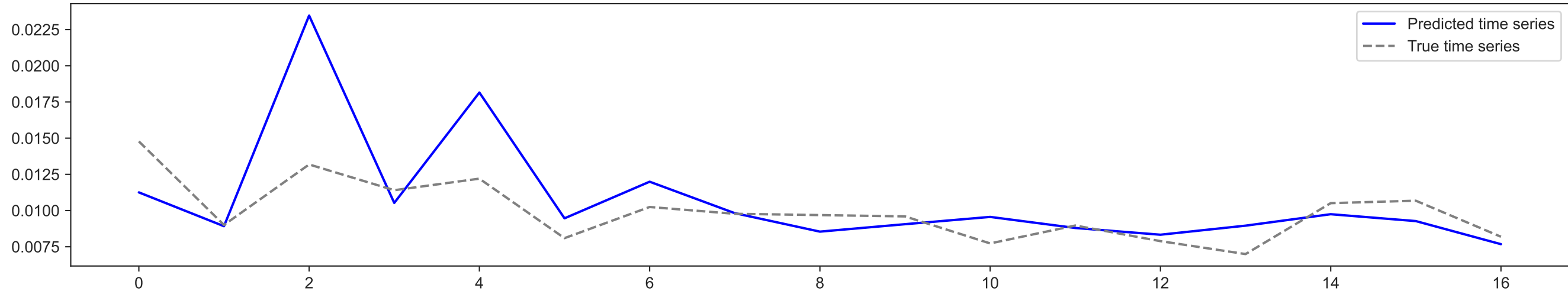




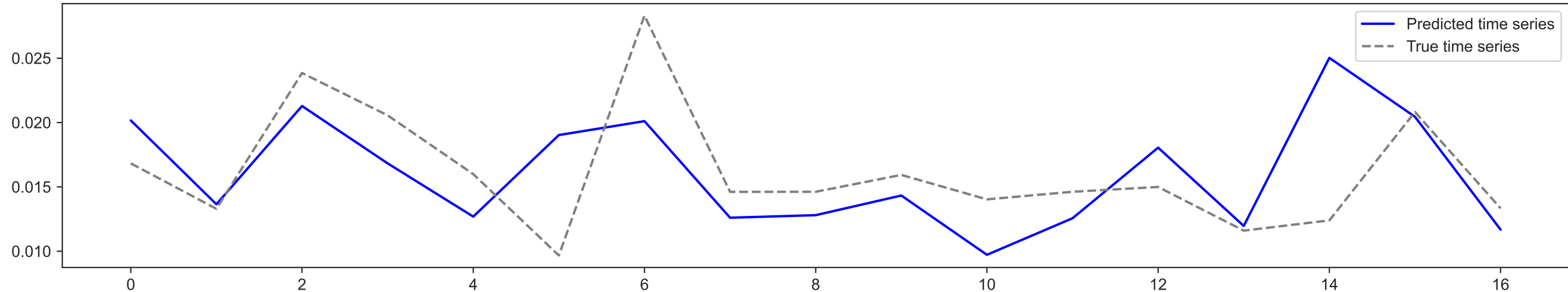
MOS, RMSE =0.015517537081765415



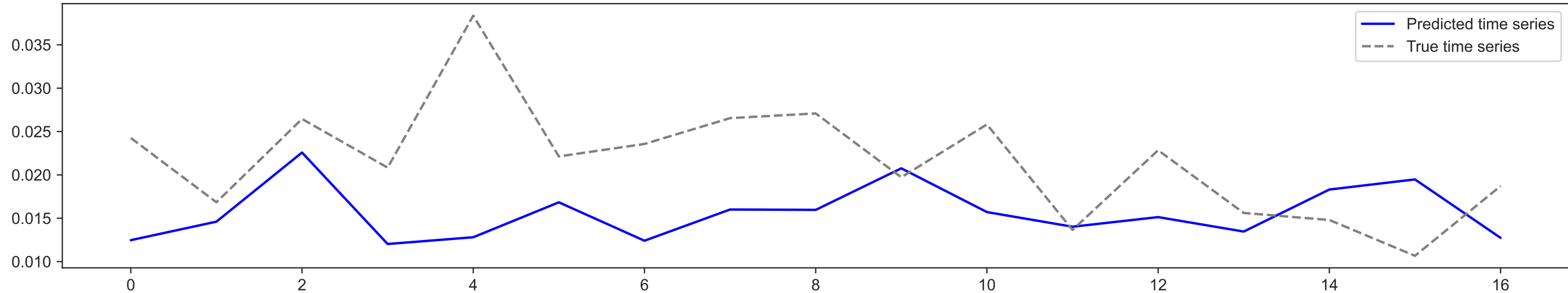
HSY, RMSE =0.0031731130903156746



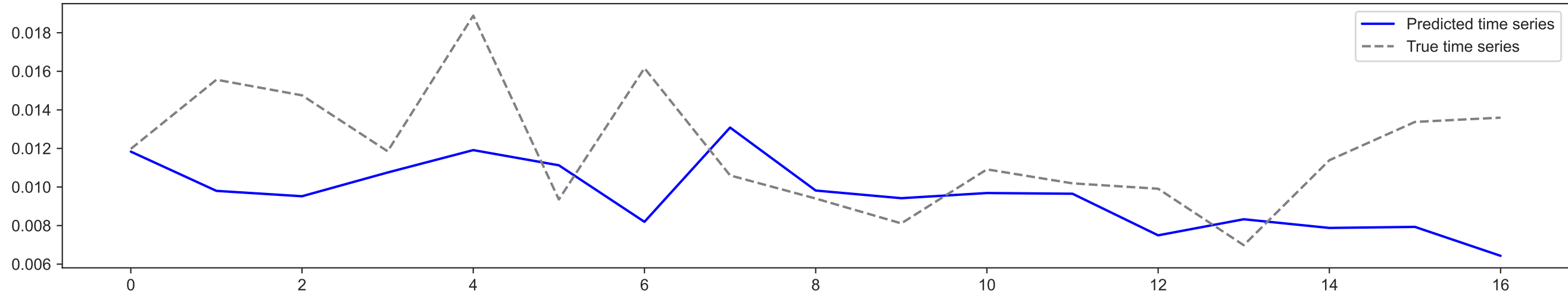
JNPR, RMSE =0.0048634266597233



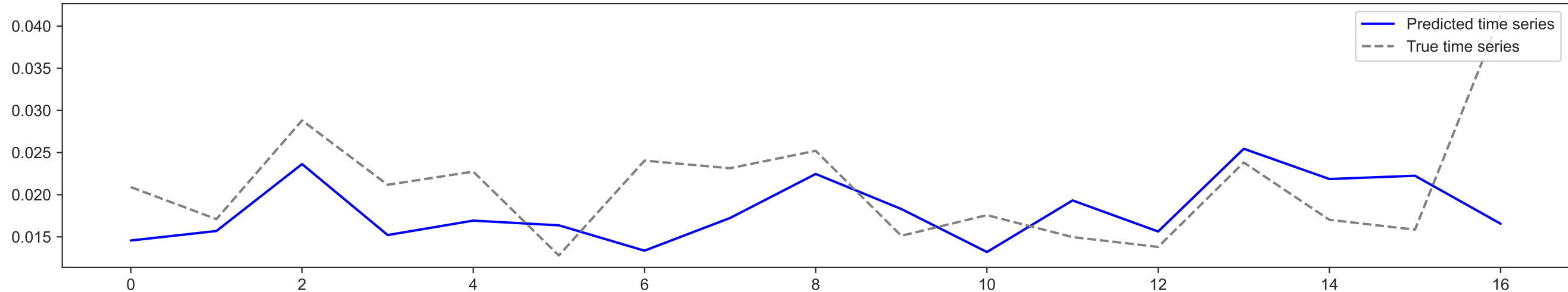
DHI, RMSE =0.009610438769464337



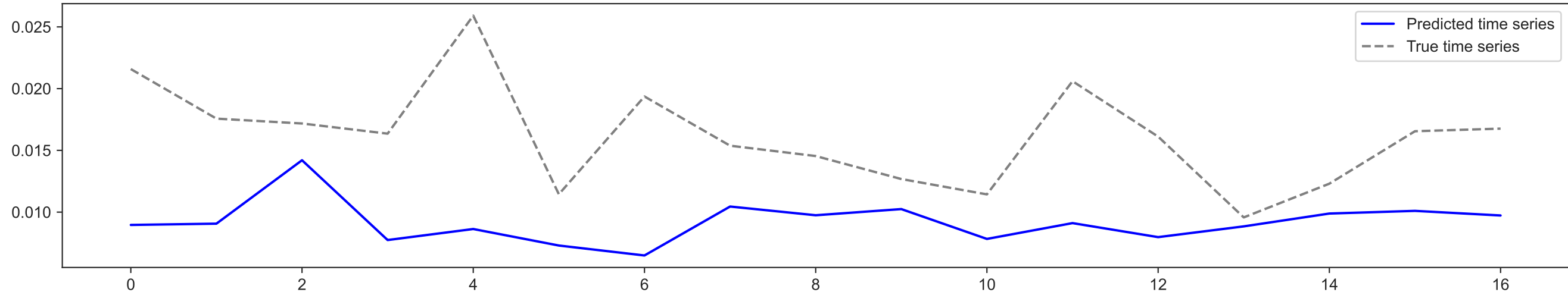
ED, RMSE =0.004115231547060689



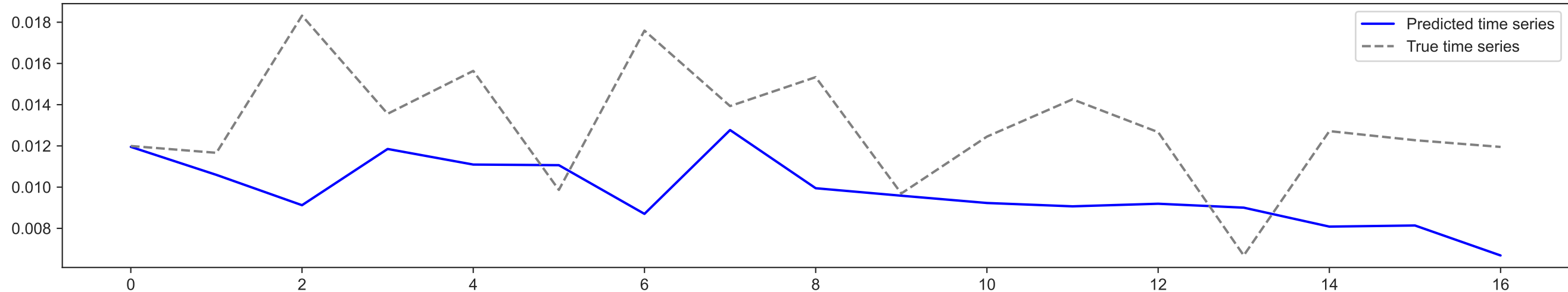
ADSK, RMSE =0.007802846998303055



GL, RMSE =0.008254636025456664

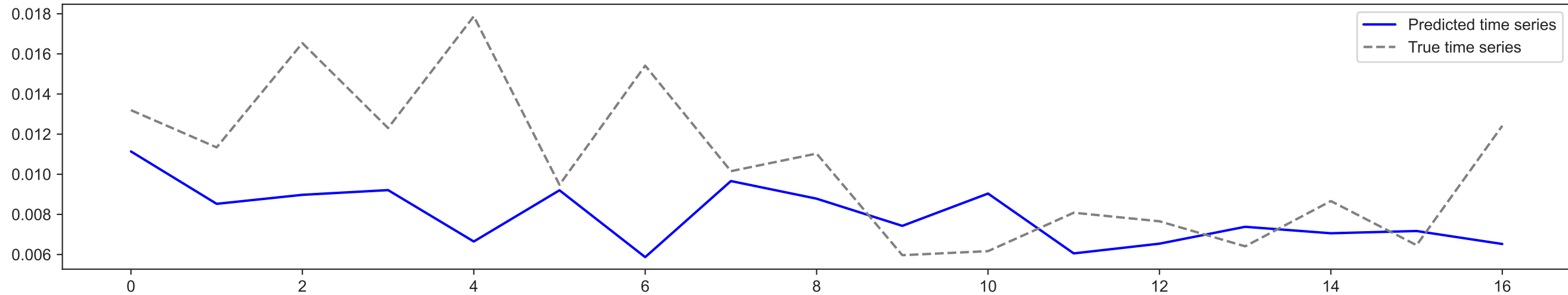


ES, RMSE =0.004480023112062453

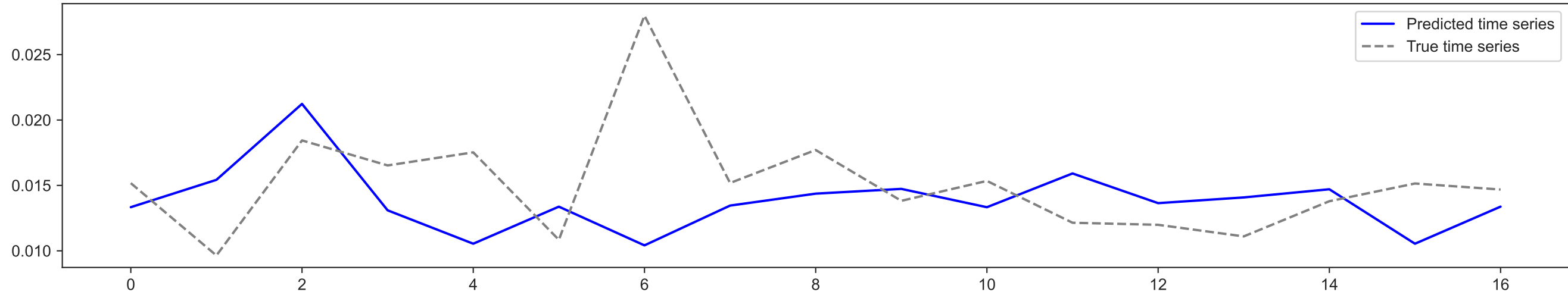




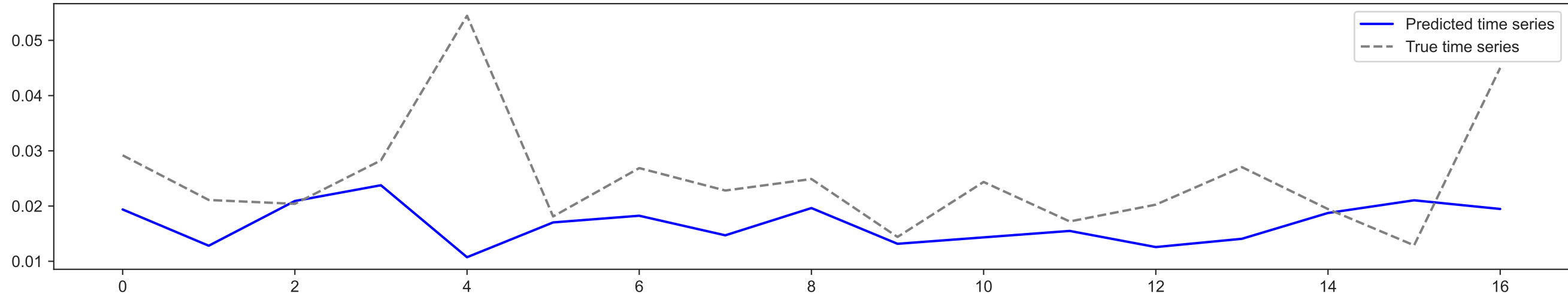
KO, RMSE =0.004575476532967012



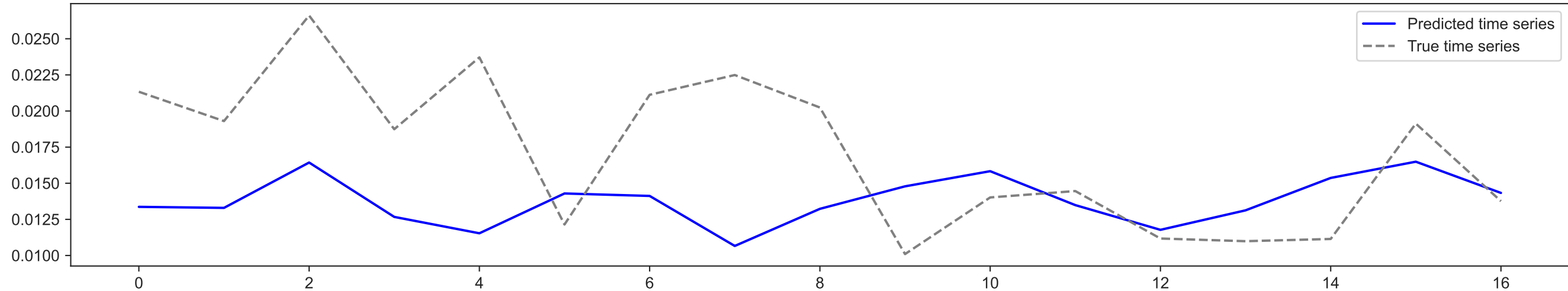
PCAR, RMSE =0.0053607646465545535



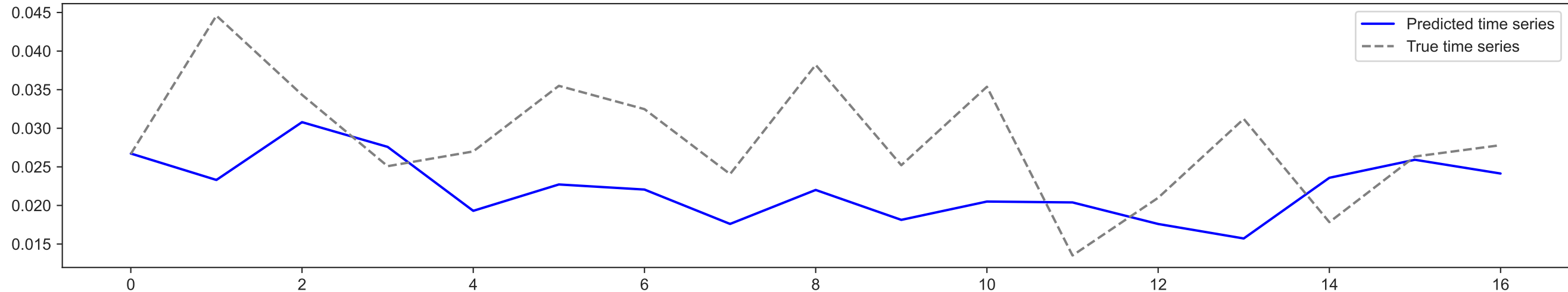
EXPE, RMSE =0.013969690721872284



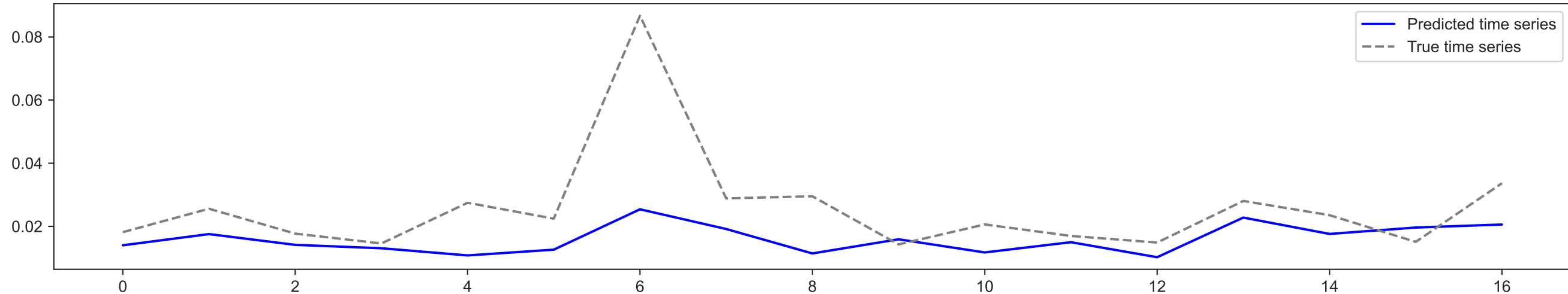
IP, RMSE =0.006357135491903856



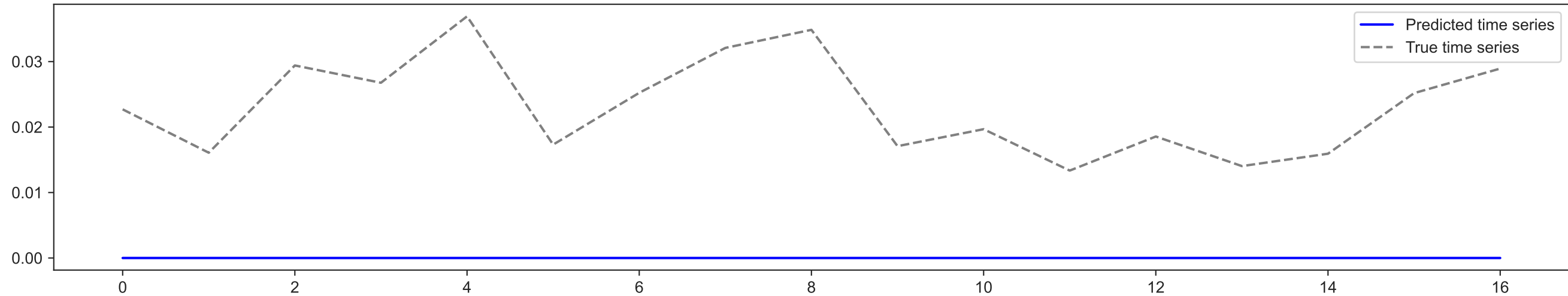
WDC, RMSE =0.010069830168694952



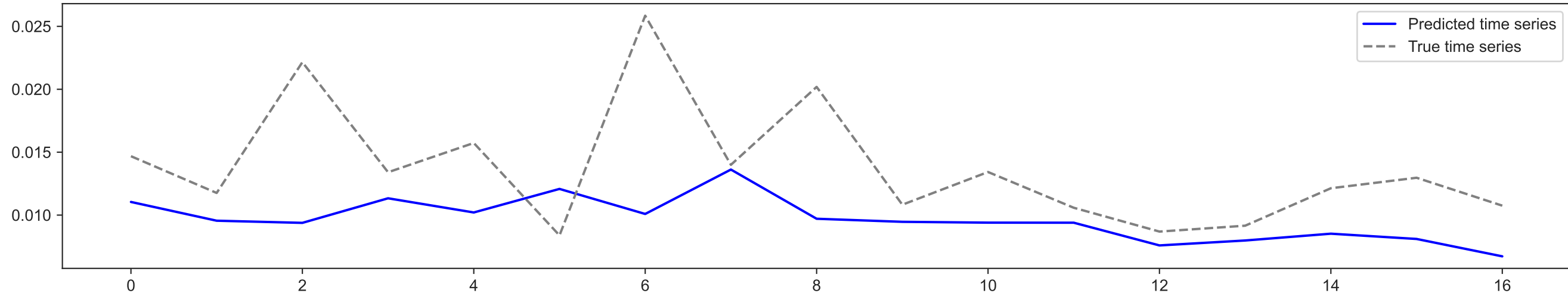
LUMN, RMSE =0.017171070550980744



PYPL, RMSE =0.024282221001210757

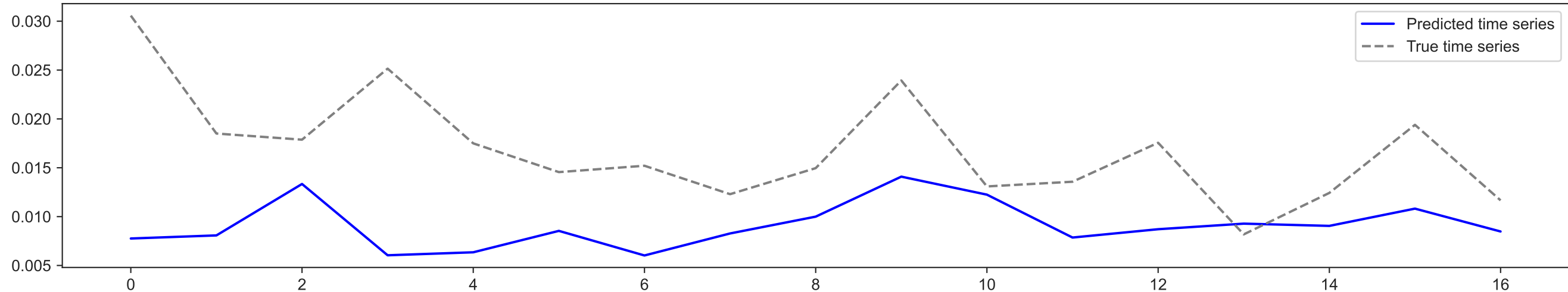


NEE, RMSE =0.006244346139009288

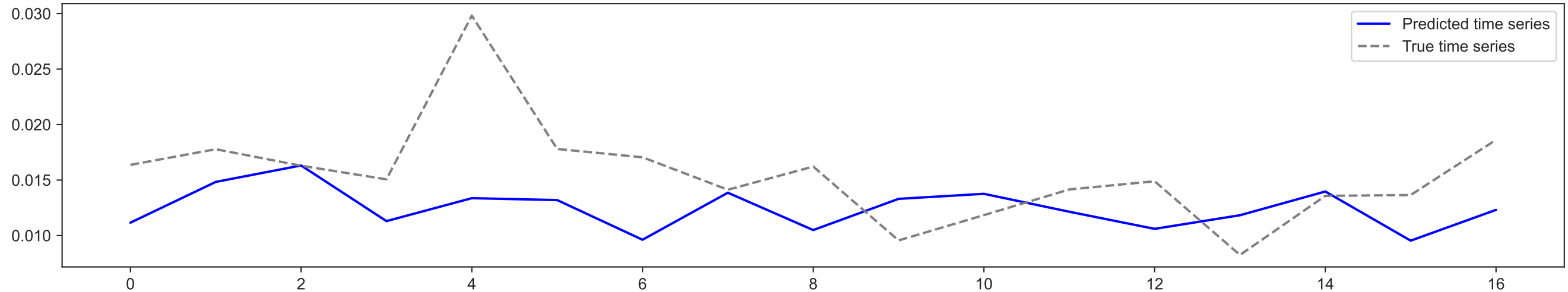




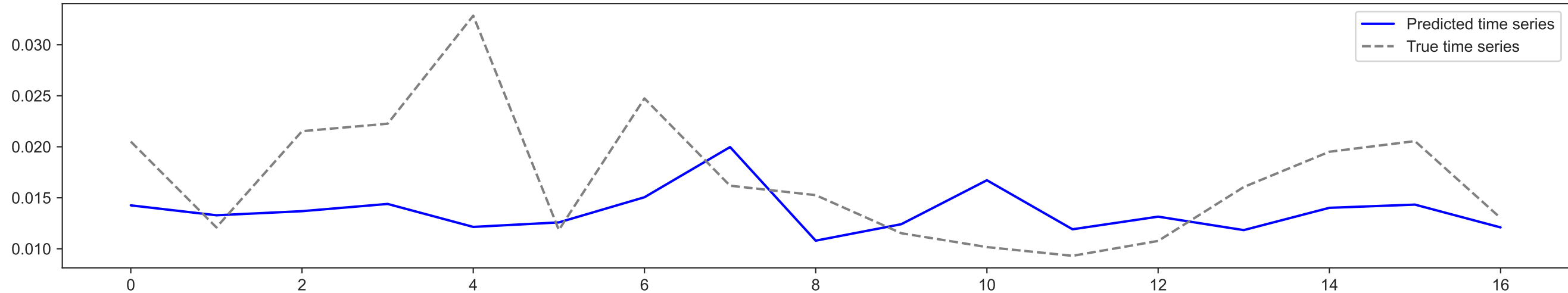
UPS, RMSE =0.009715493721671848



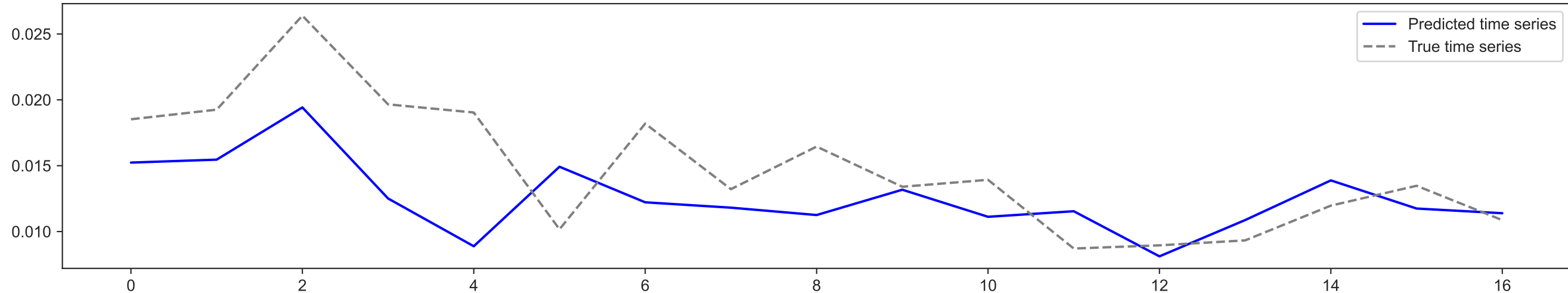
EMR, RMSE =0.005634653859722827



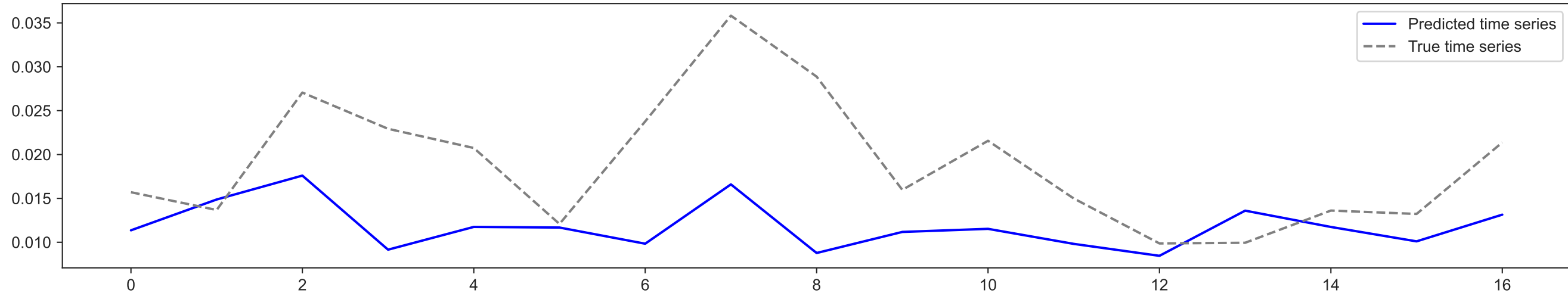
ELV, RMSE =0.007134182655351505



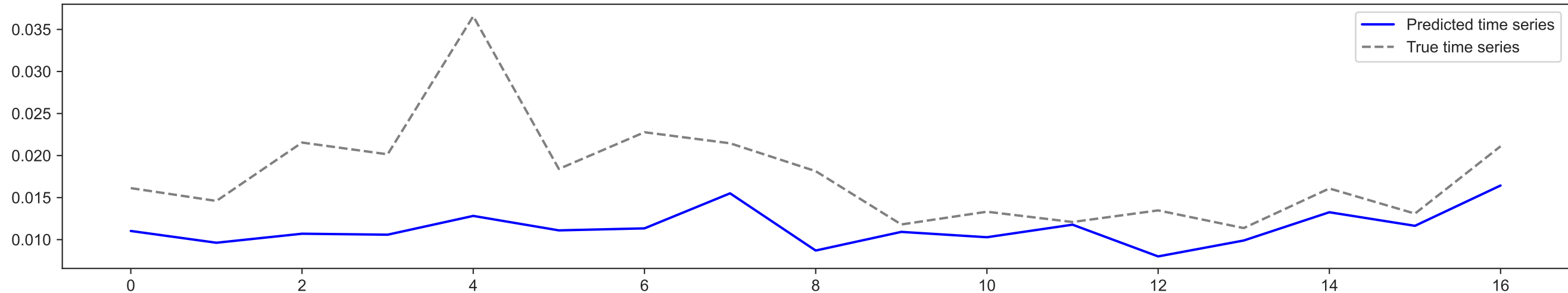
MSFT, RMSE =0.0044789061015612485



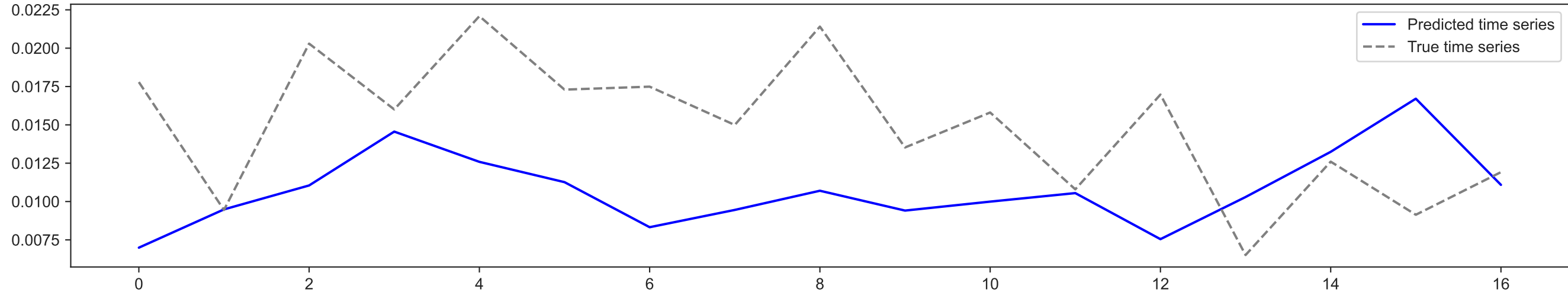
ANSS, RMSE =0.00968902897494873



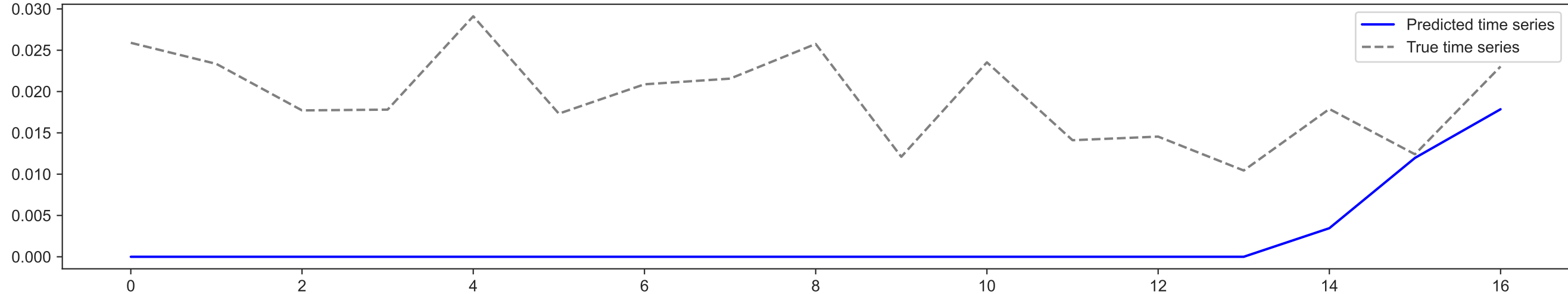
BIO, RMSE =0.00842458603502101



CTAS, RMSE =0.006740911245211926

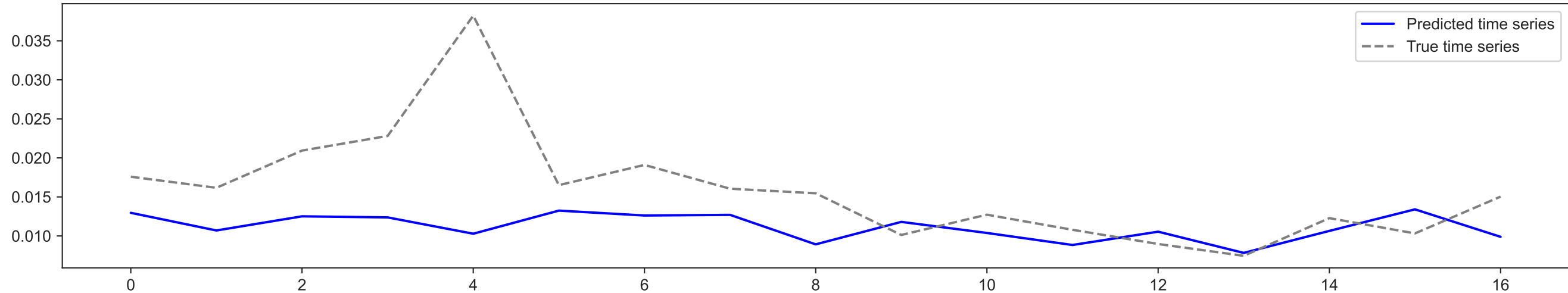


CTLT, RMSE =0.018809345895792057

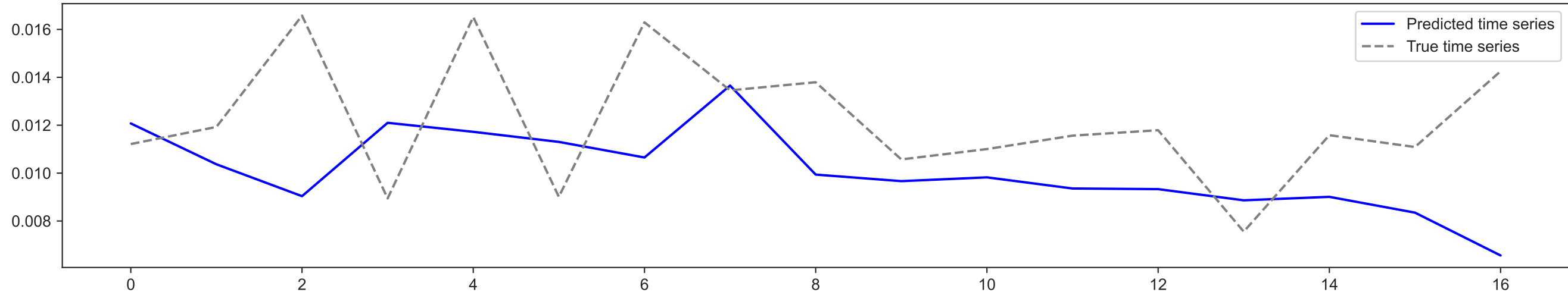




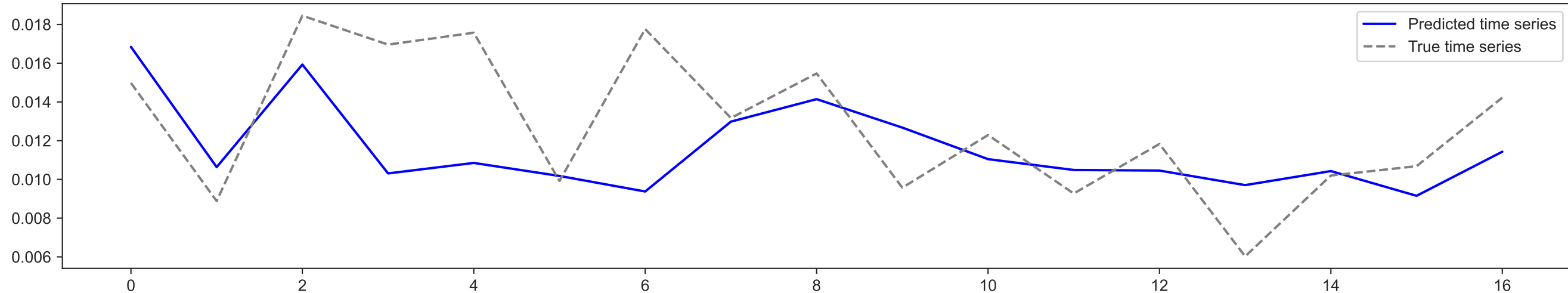
UDR, RMSE =0.008301215775996759



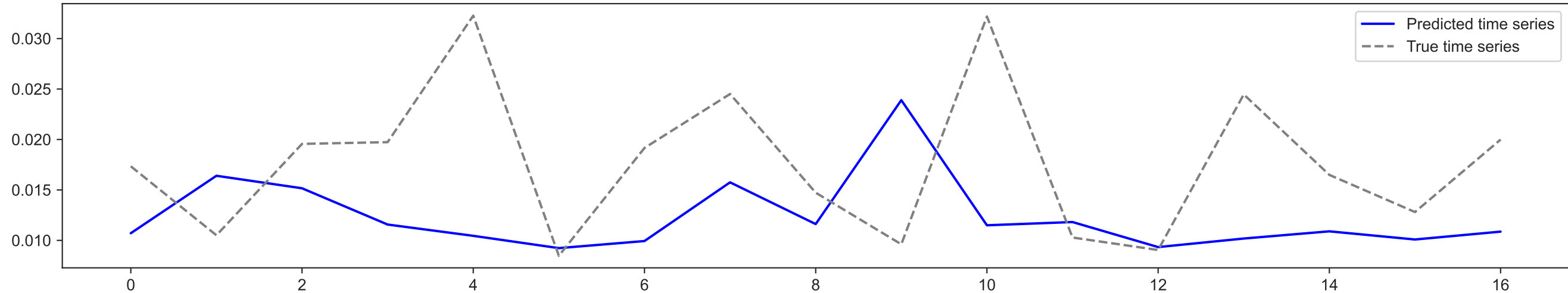
WEC, RMSE =0.0037026574079986846



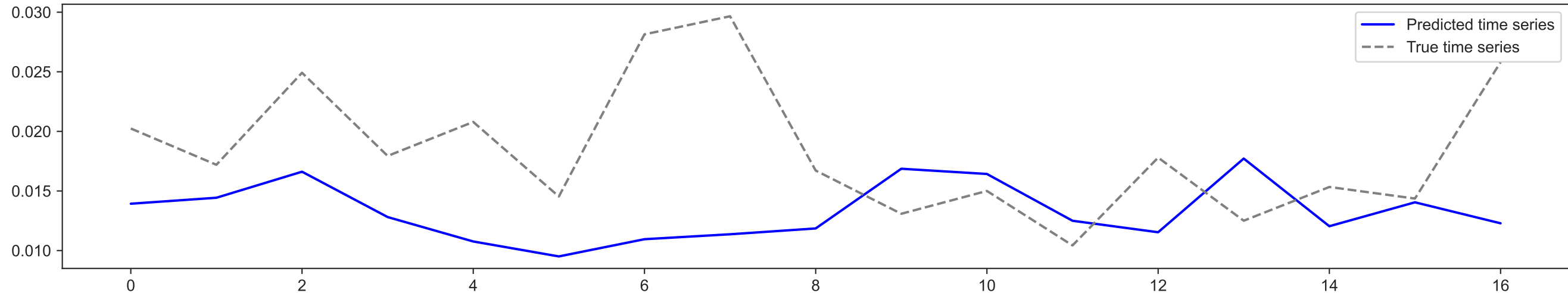
AME, RMSE =0.0035377922397104517



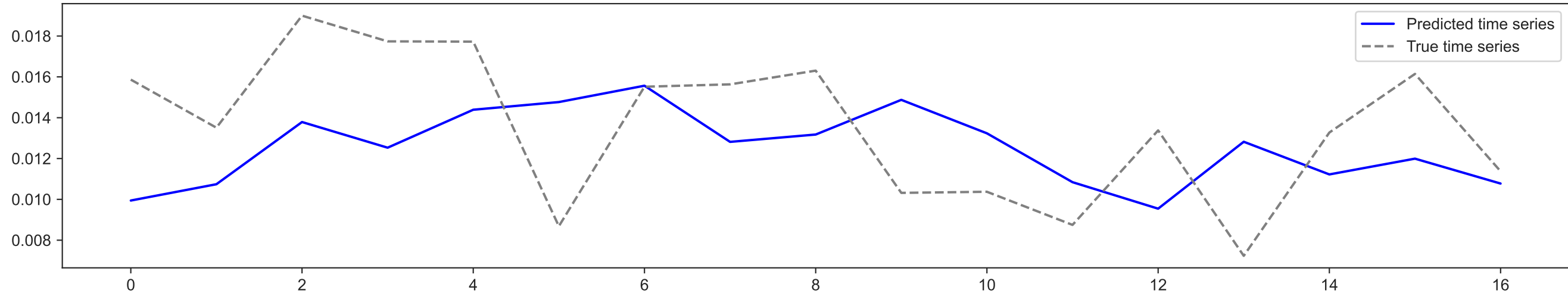
IT, RMSE =0.010212586528789818



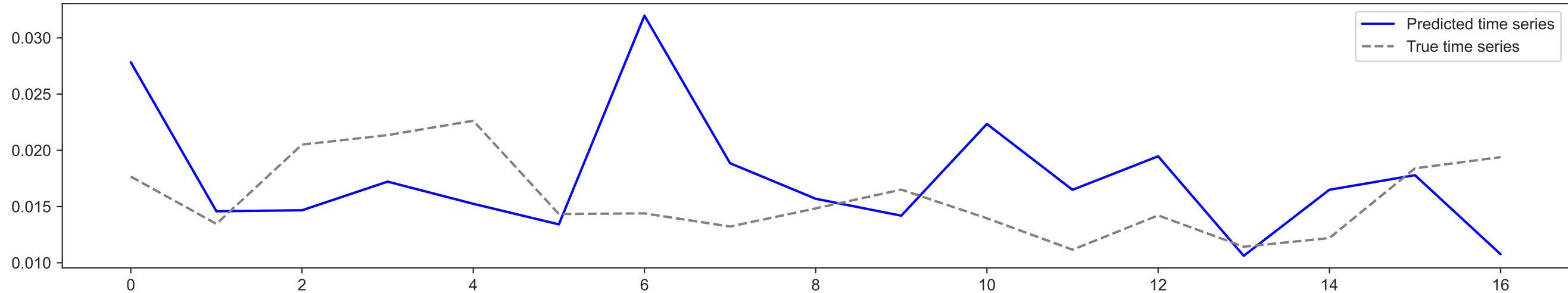
DD, RMSE =0.008411548357085652



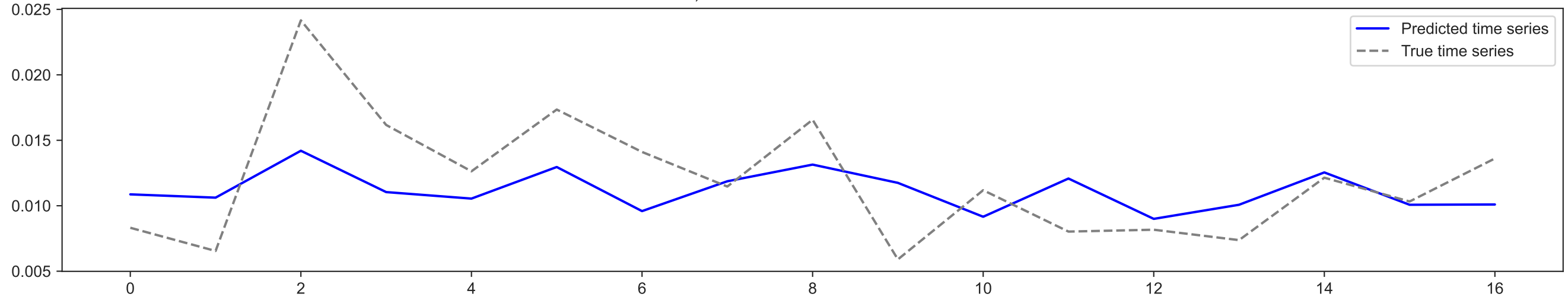
VRSN, RMSE =0.003939958529342409



EW, RMSE =0.006765035254027936

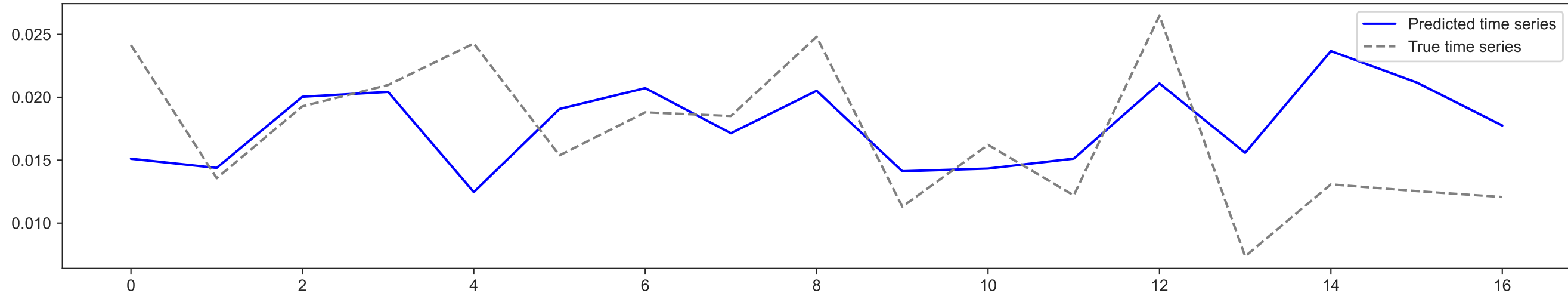


ACN, RMSE =0.00405744916563025

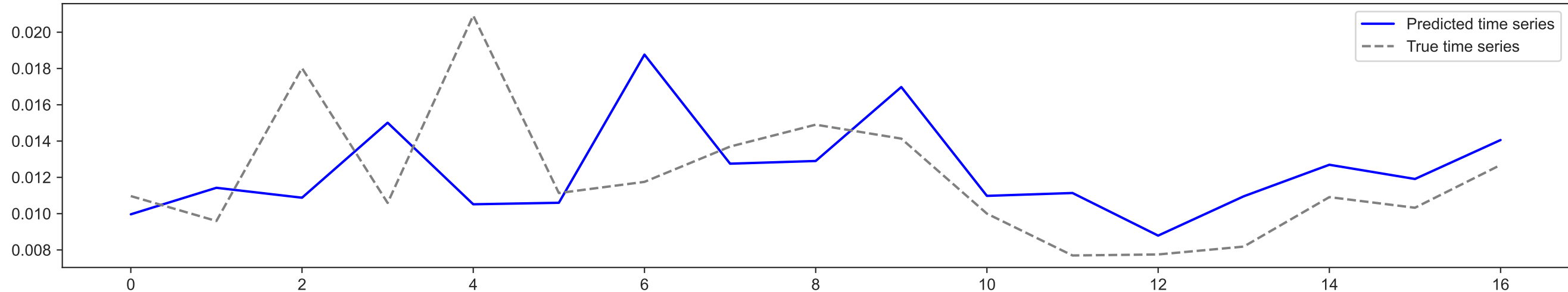




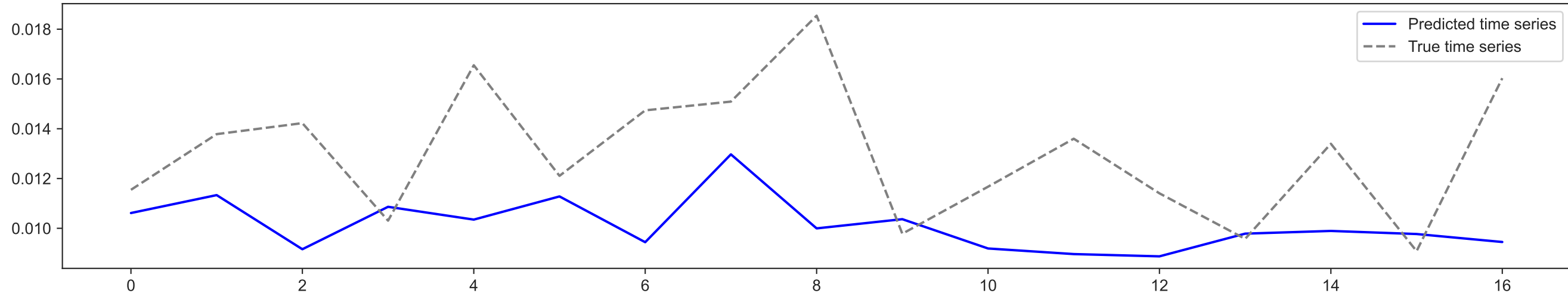
CMG, RMSE =0.005922737612037654



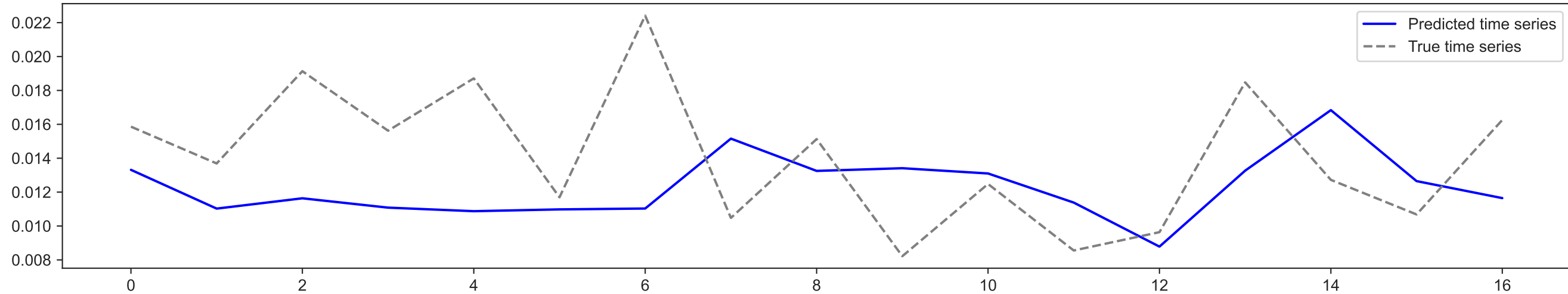
SHW, RMSE =0.004019040610780039



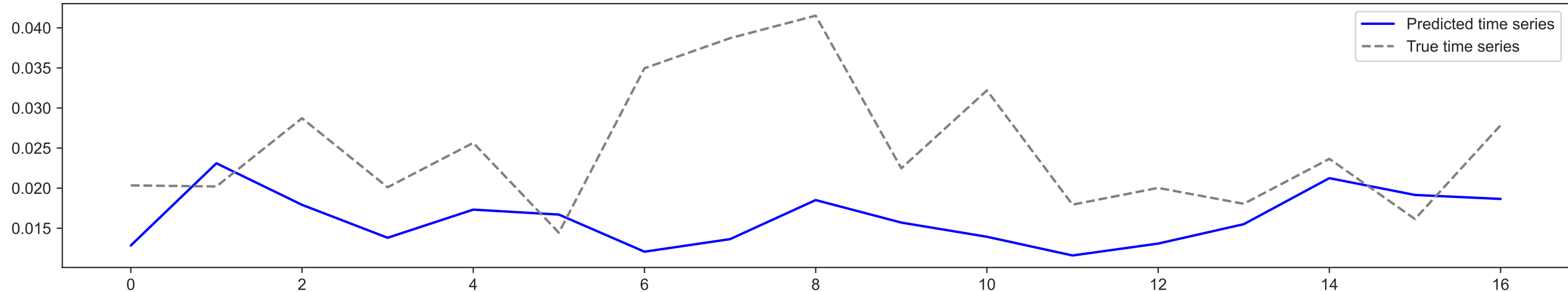
AWK, RMSE =0.003971023564674915



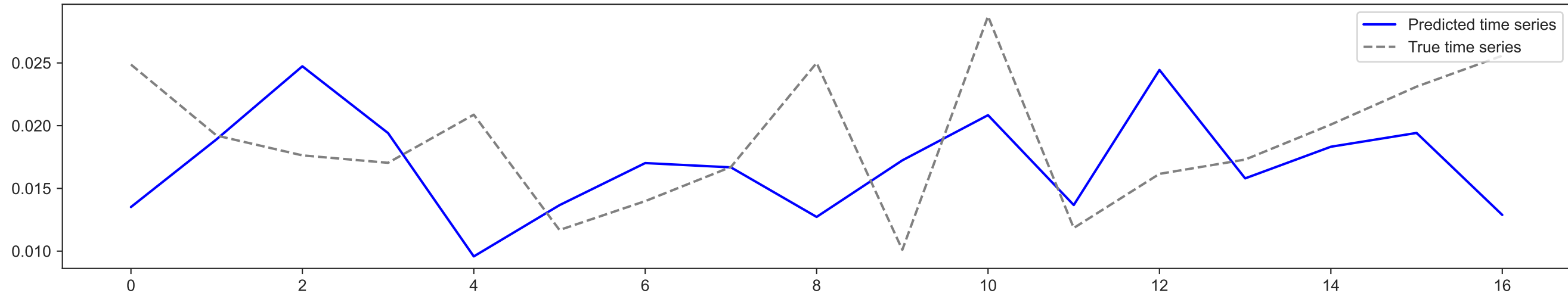
COO, RMSE =0.004926172771259198



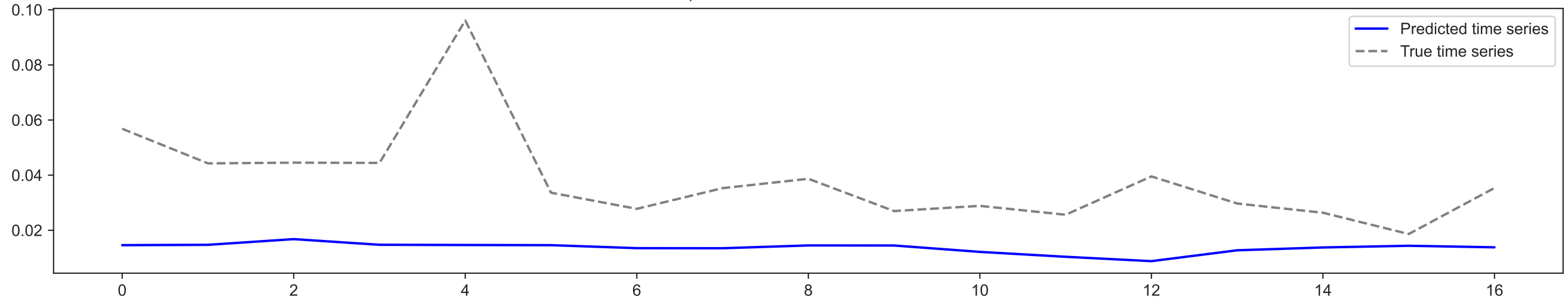
AMAT, RMSE =0.012247722737478236



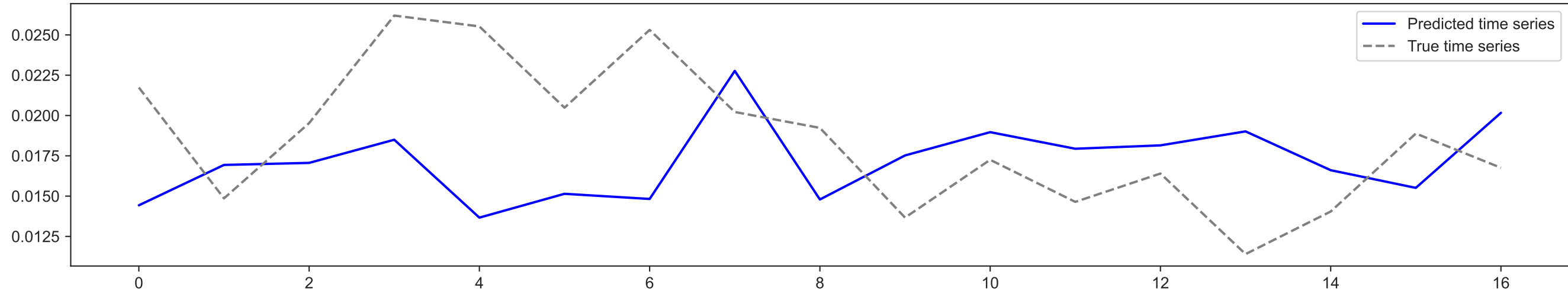
HPQ, RMSE =0.007035308896050923



CCL, RMSE =0.02981097320294673

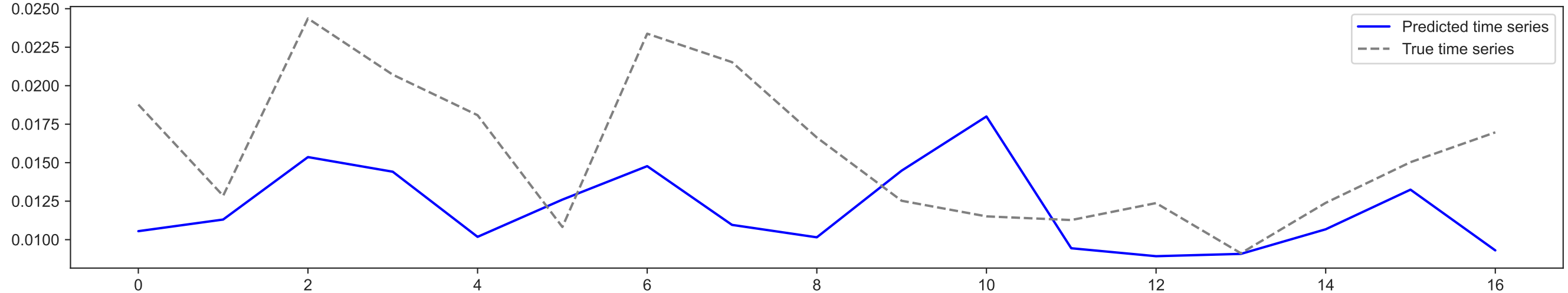


MLM, RMSE =0.005676247353127299

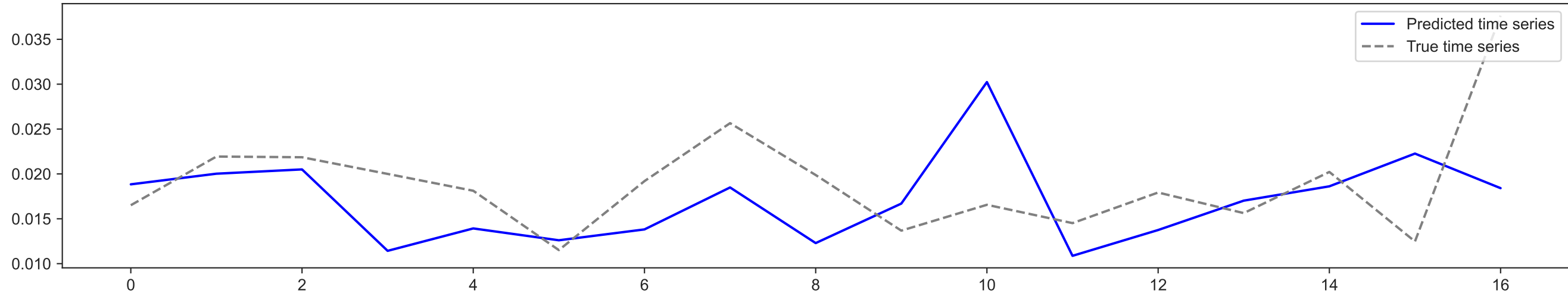




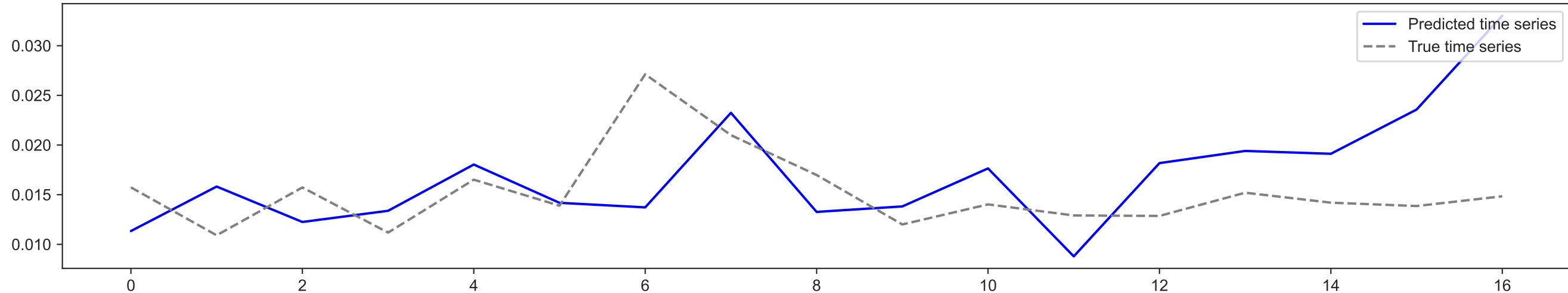
AVY, RMSE =0.005991272563487726



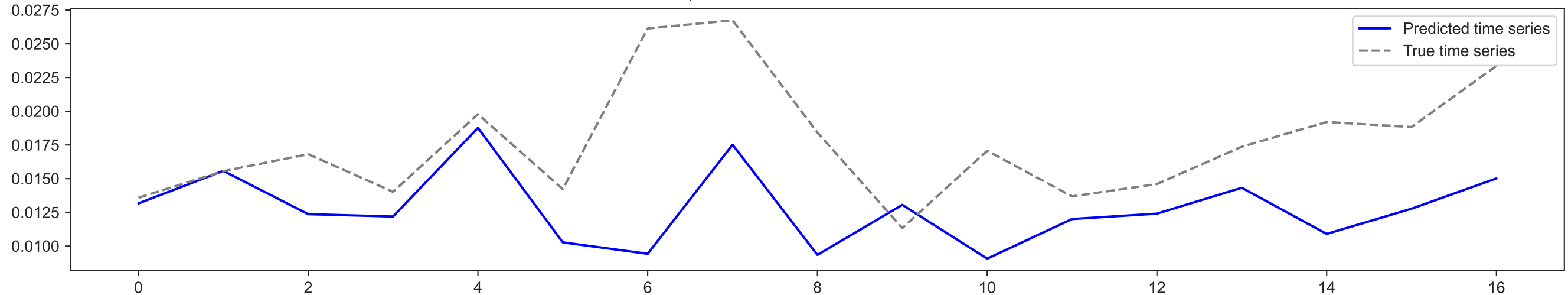
ATVI, RMSE =0.007427317107747611



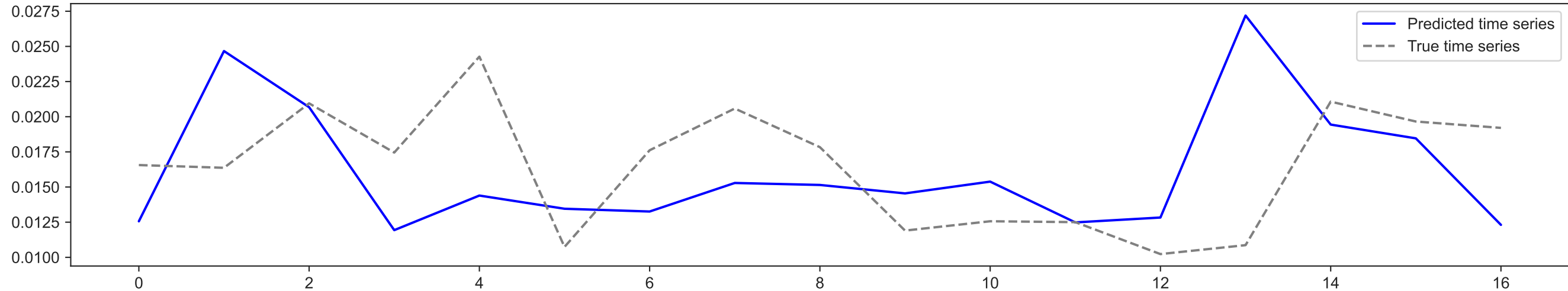
AAP, RMSE =0.006815802297569678



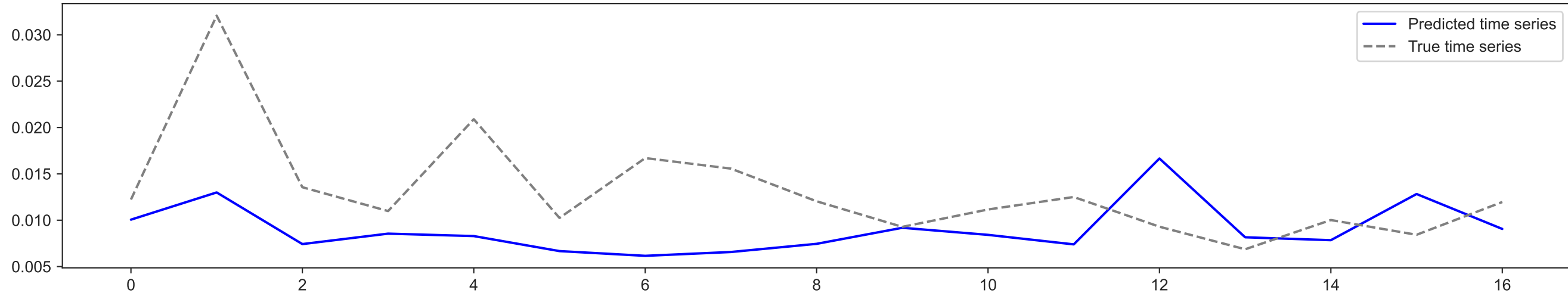
DE, RMSE =0.006625160558455507



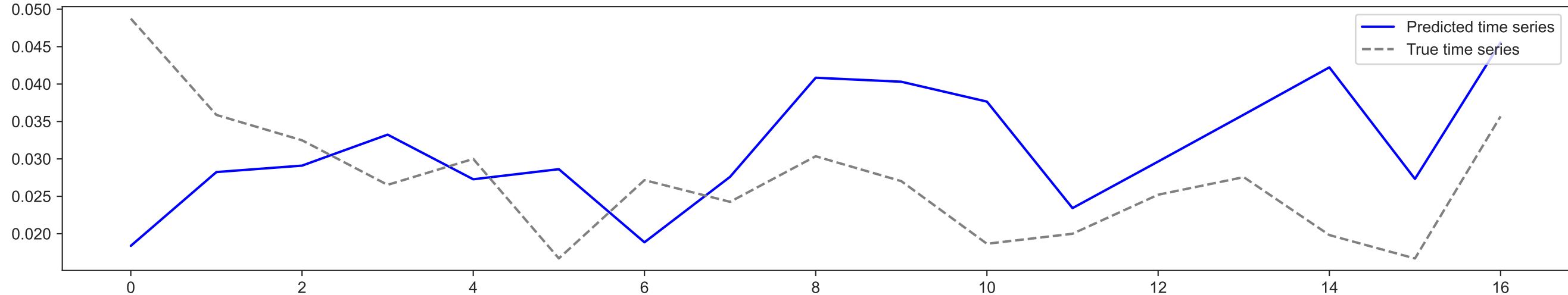
EA, RMSE =0.006011918324157198



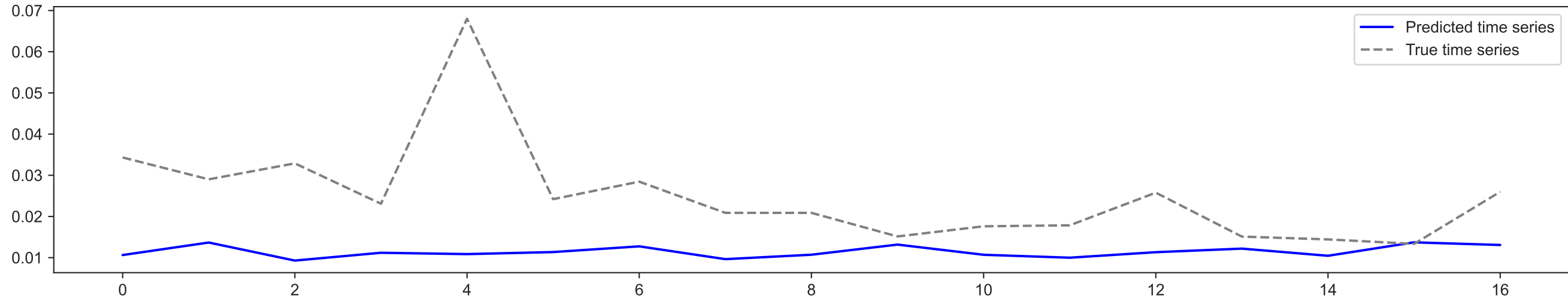
EVRG, RMSE =0.0073507164198257586



AMD, RMSE =0.012667709158106125

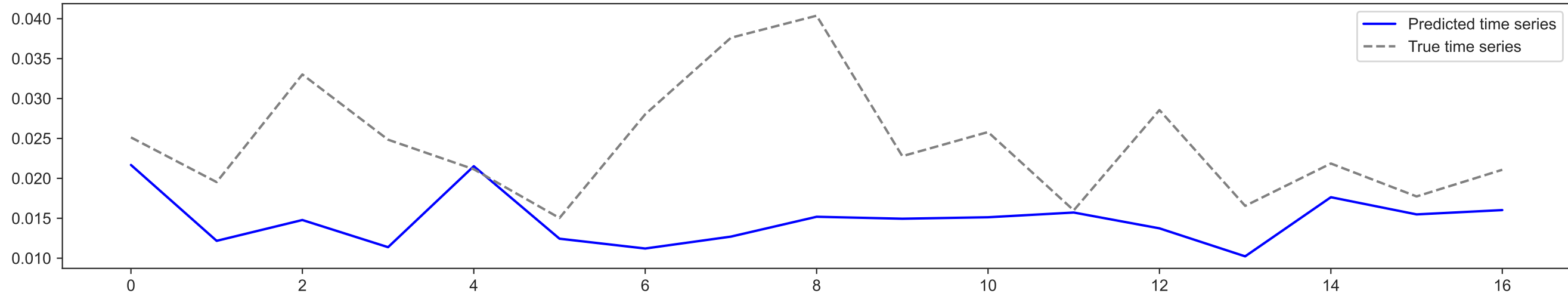


SPG, RMSE =0.01865449696547764

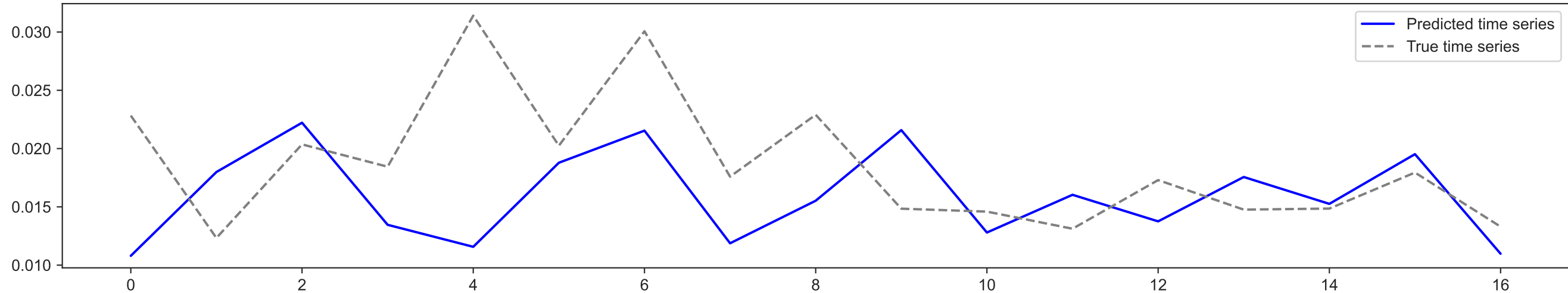




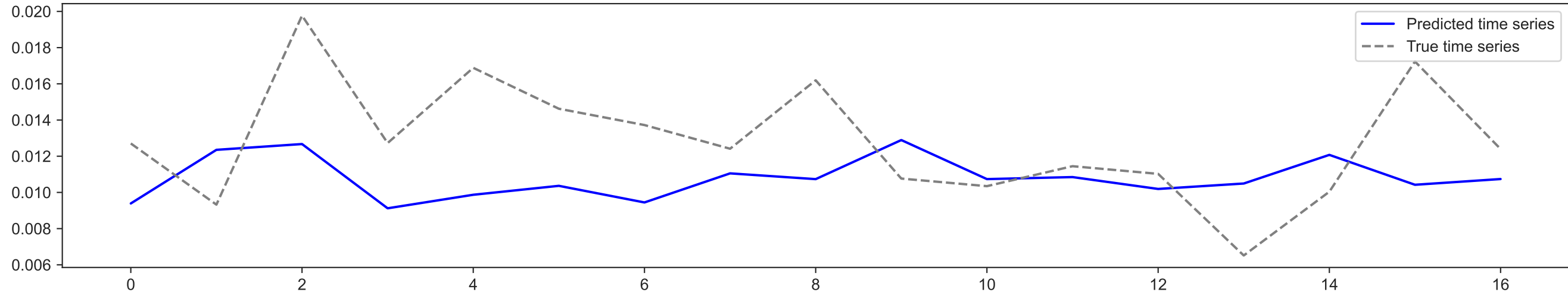
KLAC, RMSE =0.012384616836159596



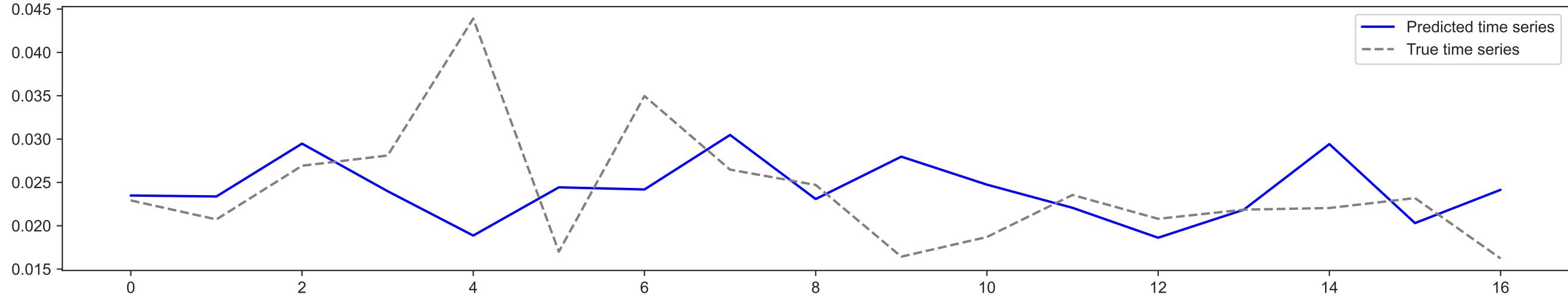
WHR, RMSE =0.00705233163463299



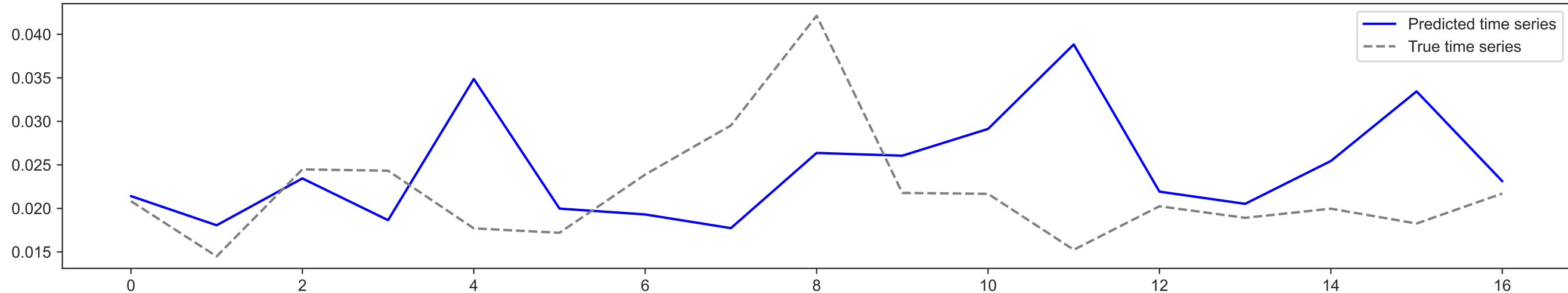
NDAQ, RMSE =0.004026470263164135



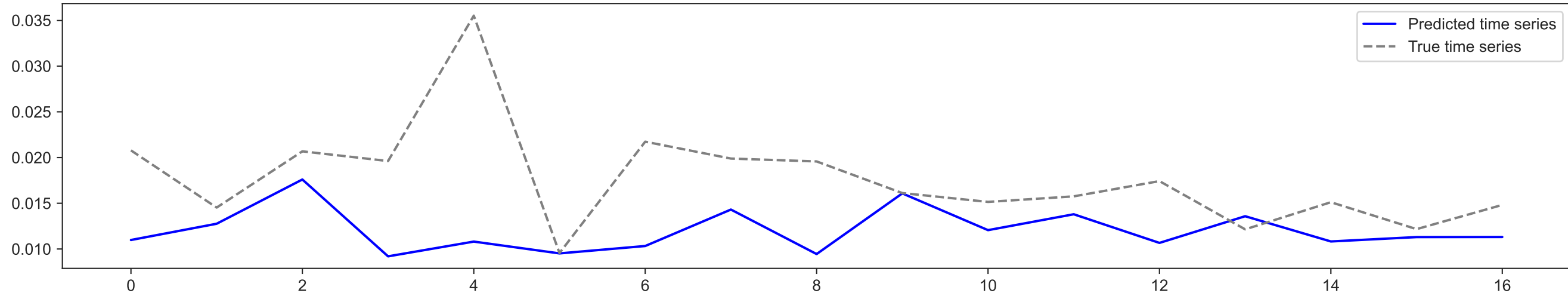
URI, RMSE =0.008225185543587568



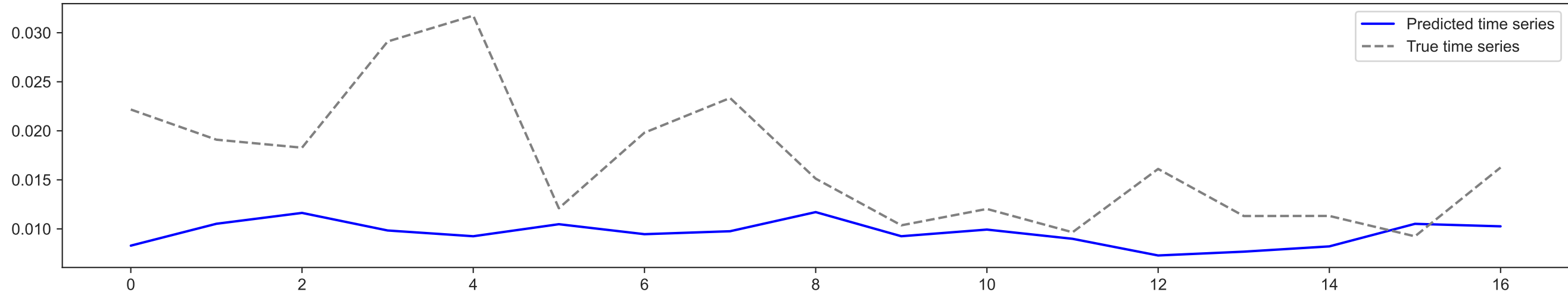
NXPI, RMSE =0.009870155223262634



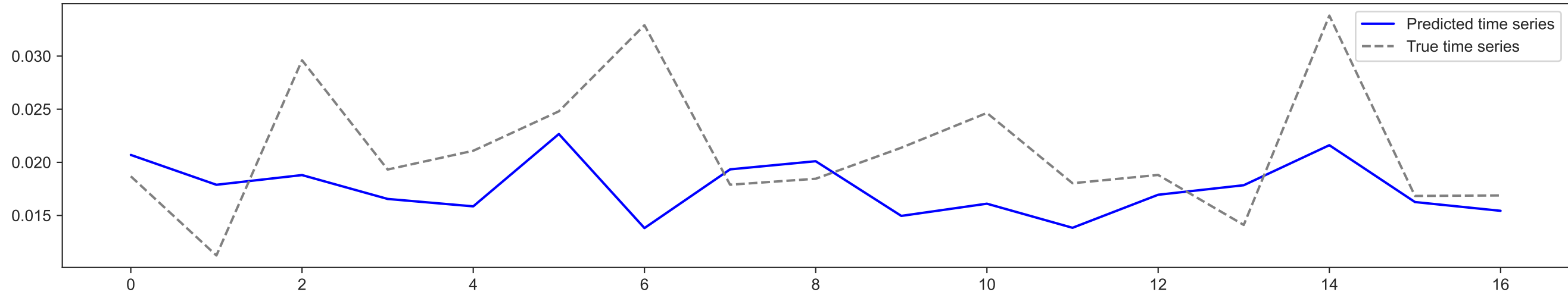
PNC, RMSE =0.008345323896281035



RTX, RMSE =0.009816479328271989

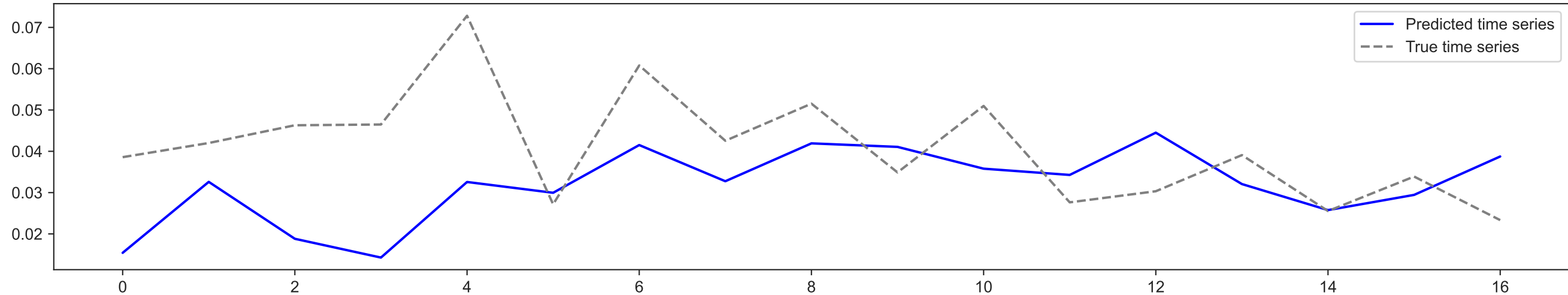


KMX, RMSE =0.007173465239491184

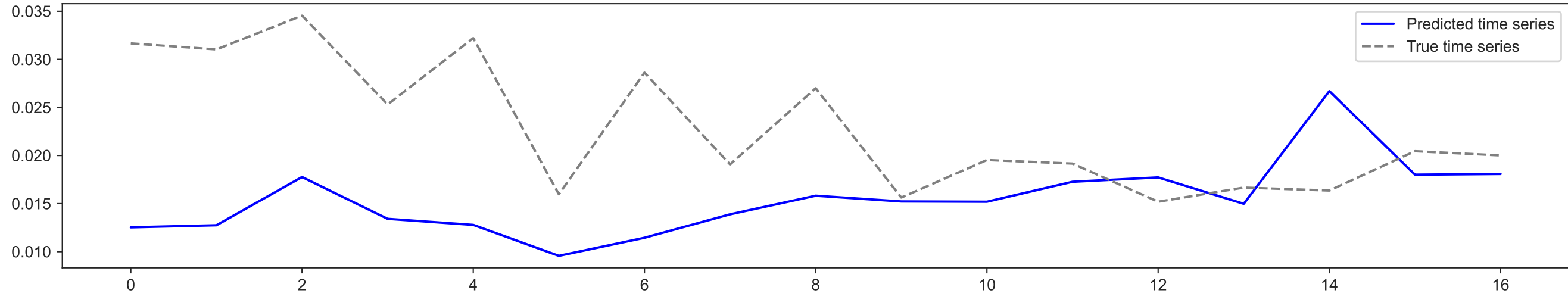




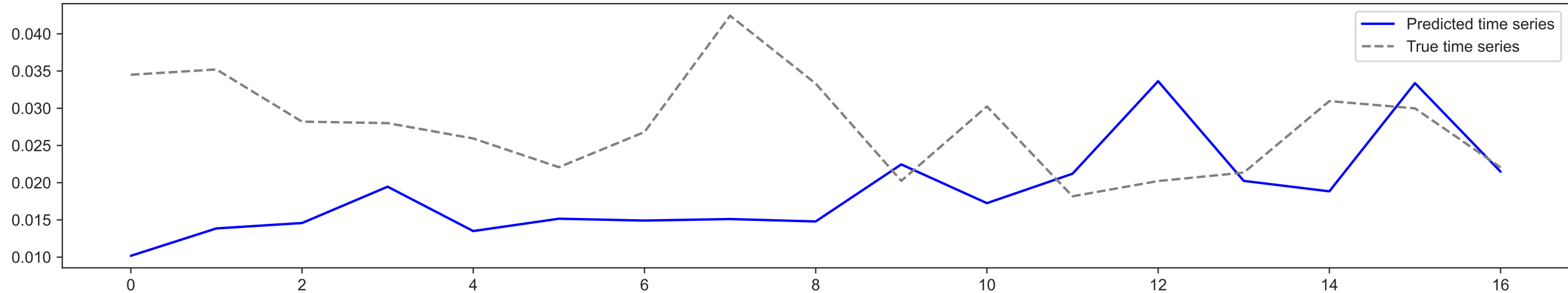
SEDG, RMSE =0.0178652924477491



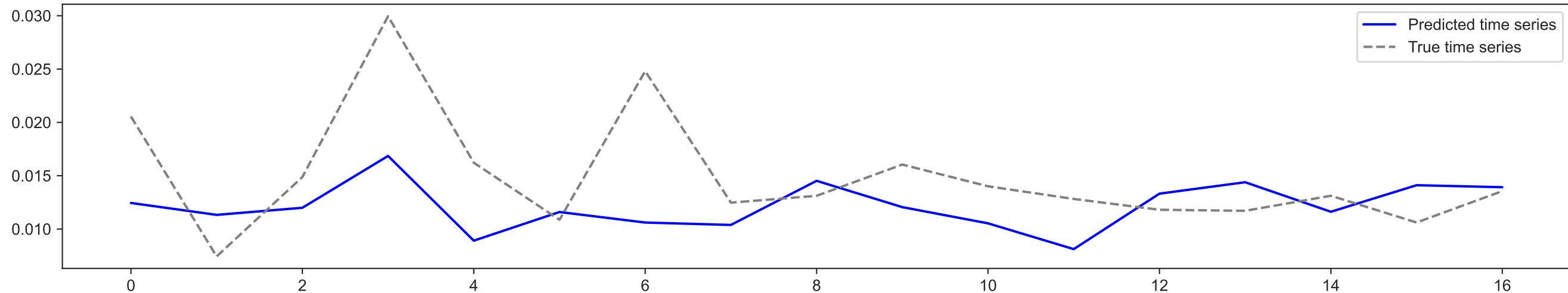
WRK, RMSE =0.011208639310326507



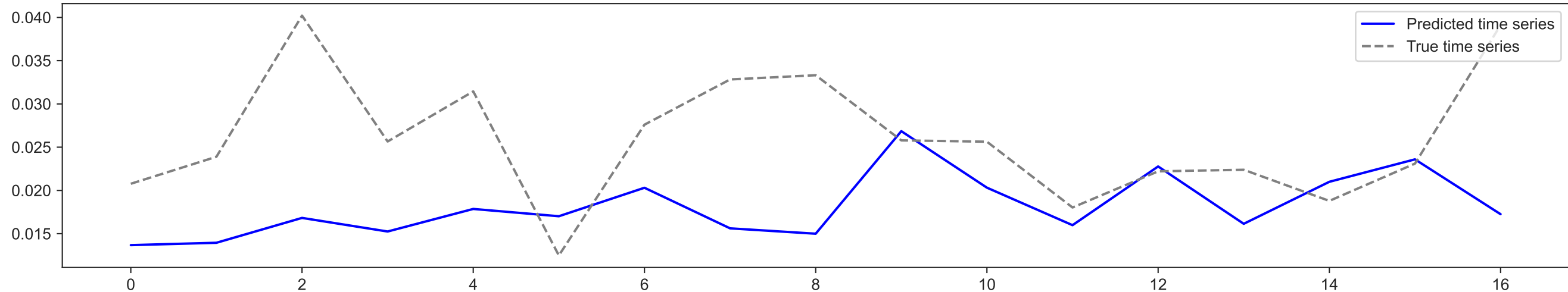
MTCH, RMSE =0.013856877556668817



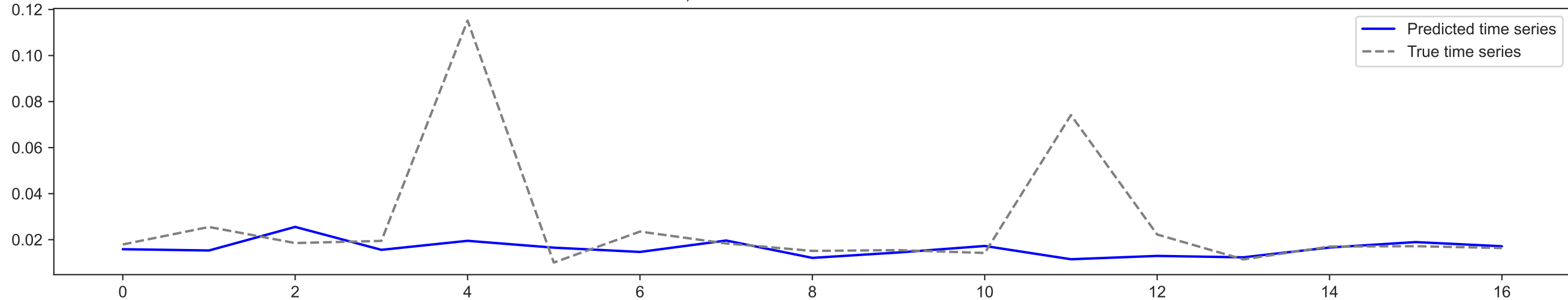
CHRW, RMSE =0.005924757775269119



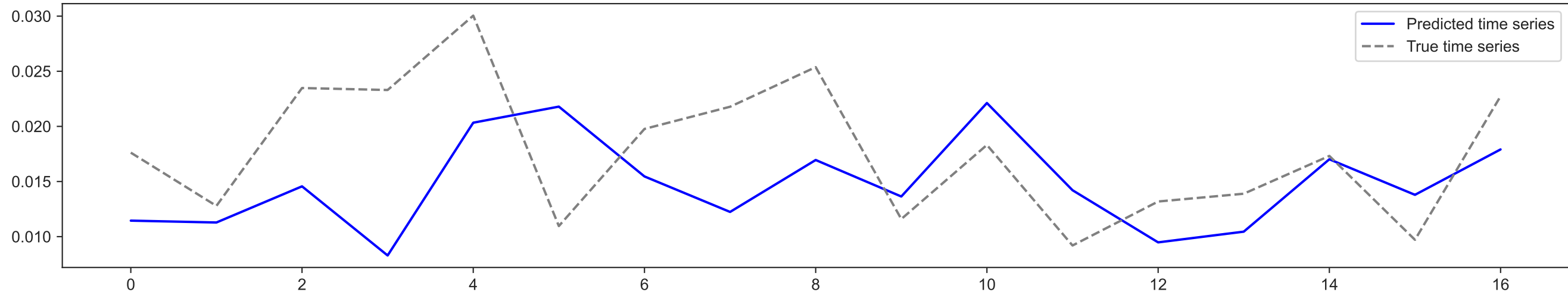
NVDA, RMSE =0.01150497642564724



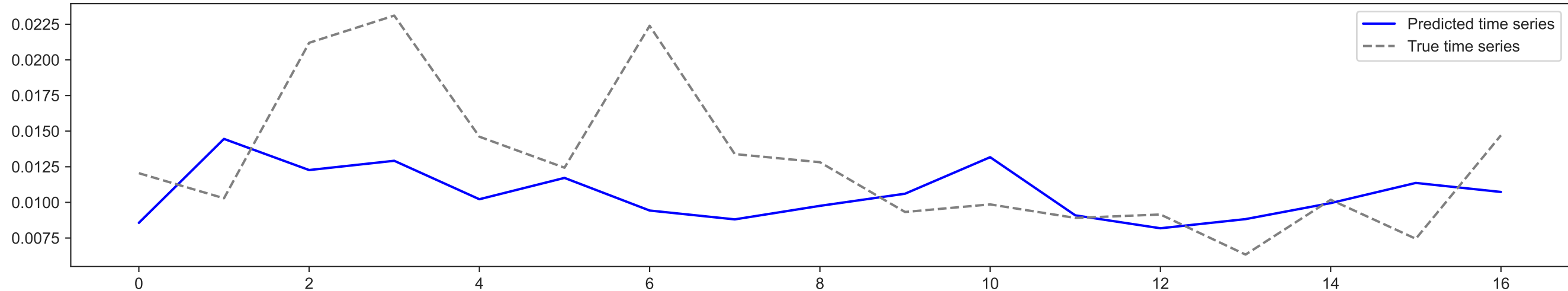
BIIB, RMSE =0.028164480055173618



IDXX, RMSE =0.007057427100199107

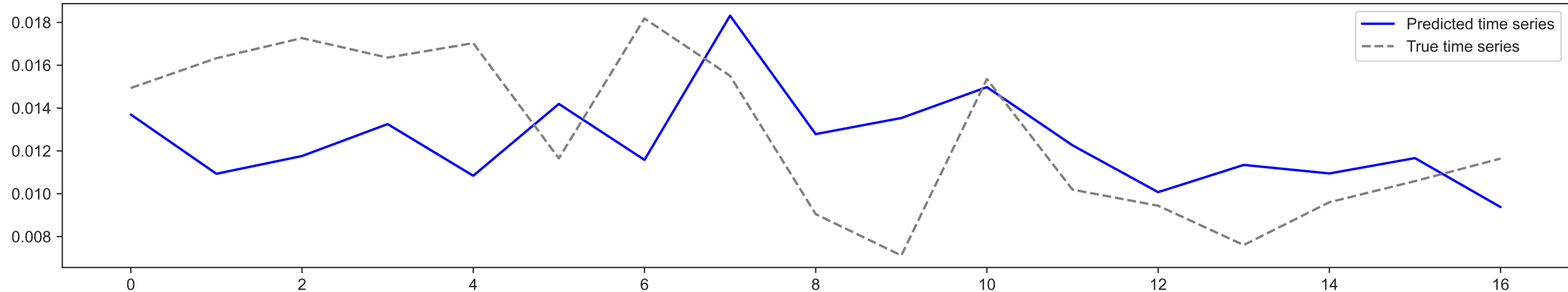


ROP, RMSE =0.0053264755401186544

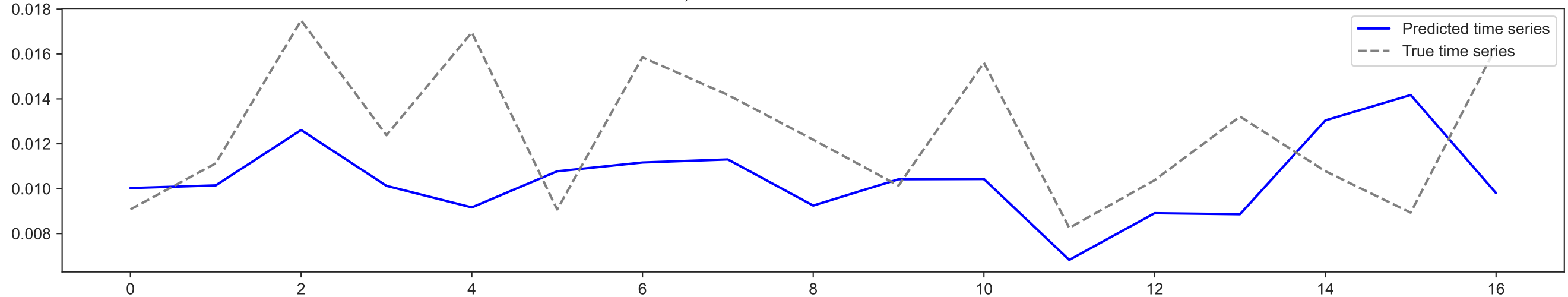




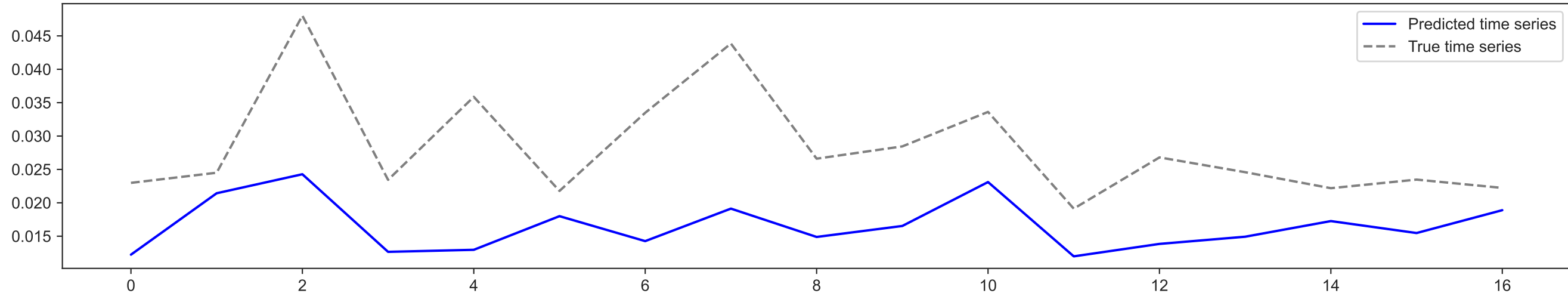
EXC, RMSE =0.003827001294338809



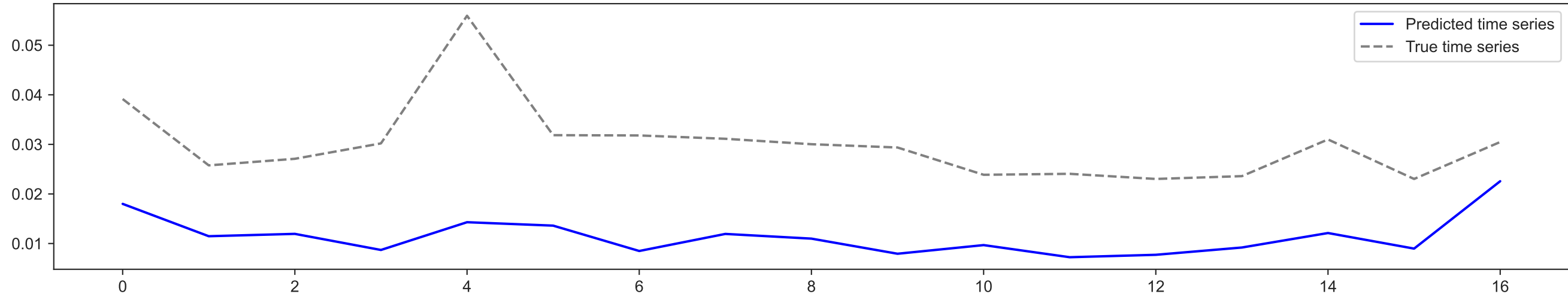
HD, RMSE =0.003895726982410211



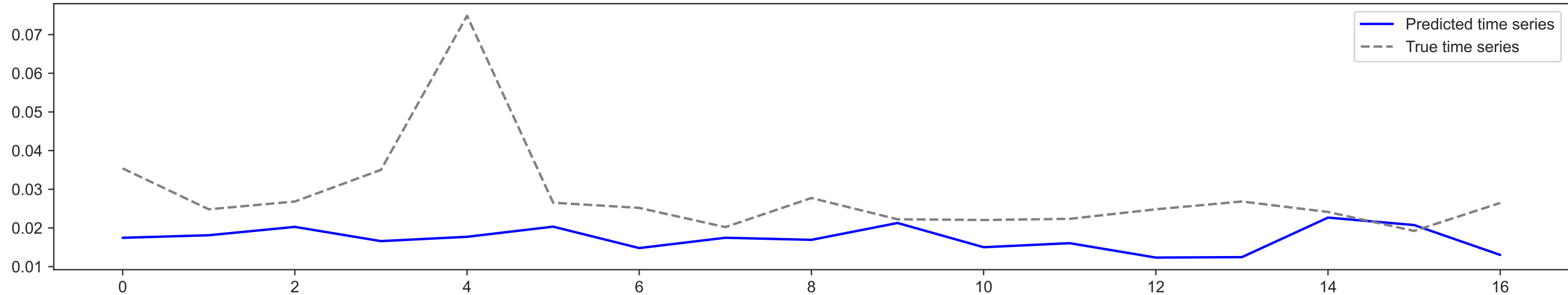
ALB, RMSE =0.013561310504576297



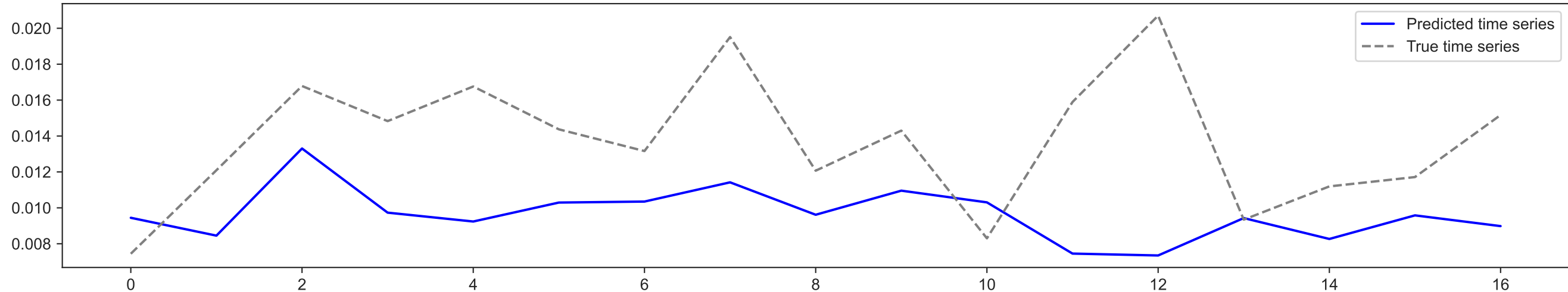
HES, RMSE =0.01983230415750231



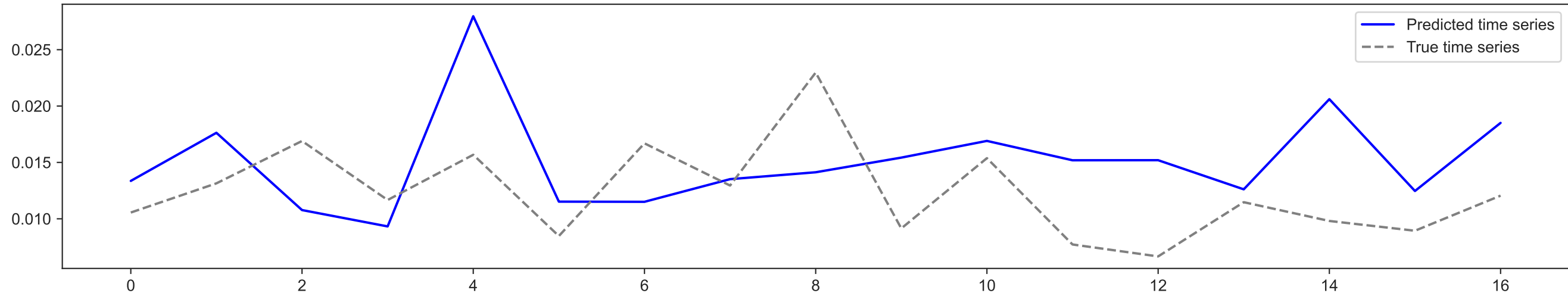
VLO, RMSE =0.017023742939296583



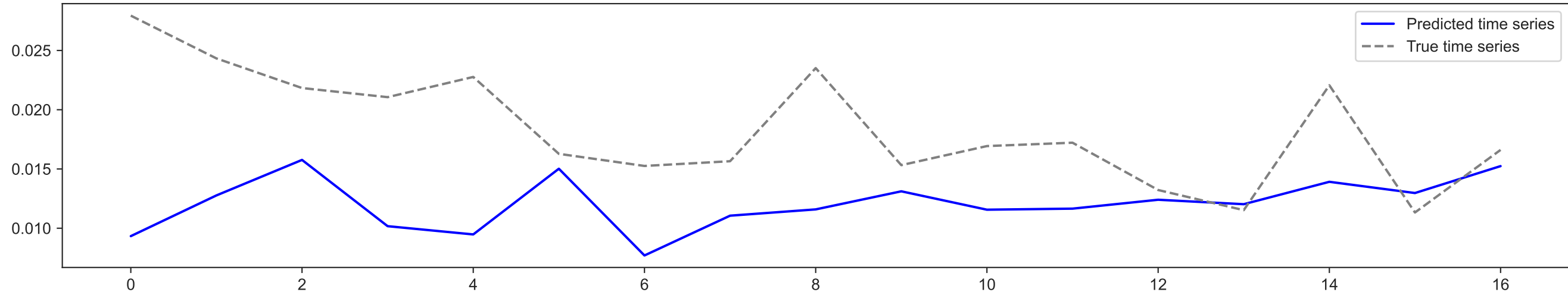
AON, RMSE =0.005552901151463787



DG, RMSE =0.006320611822575234

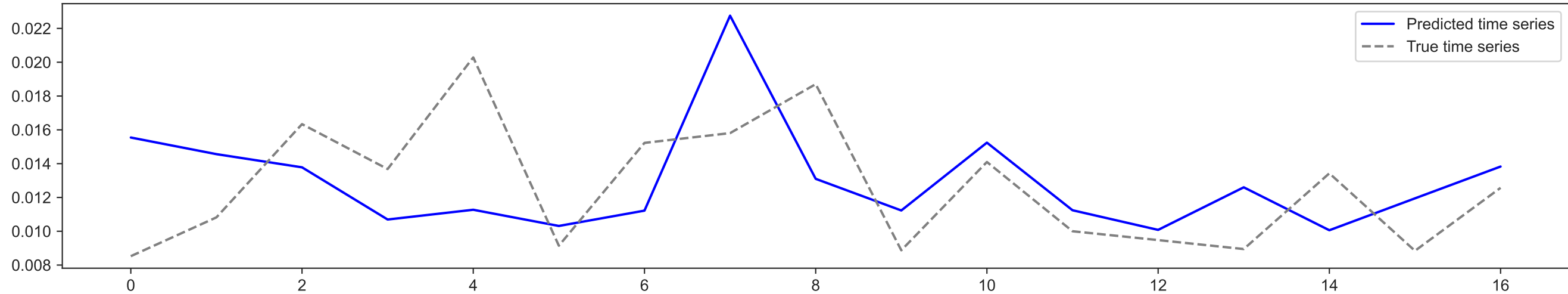


FDX, RMSE =0.008296909748482394

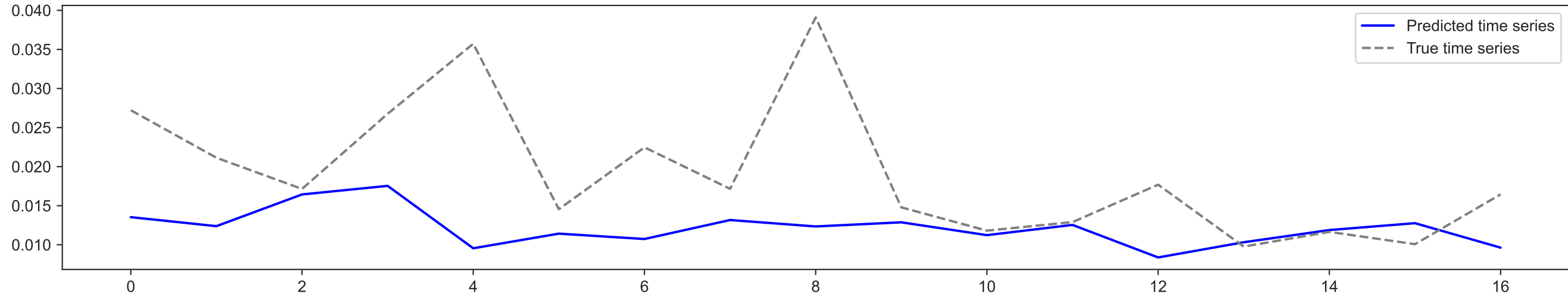




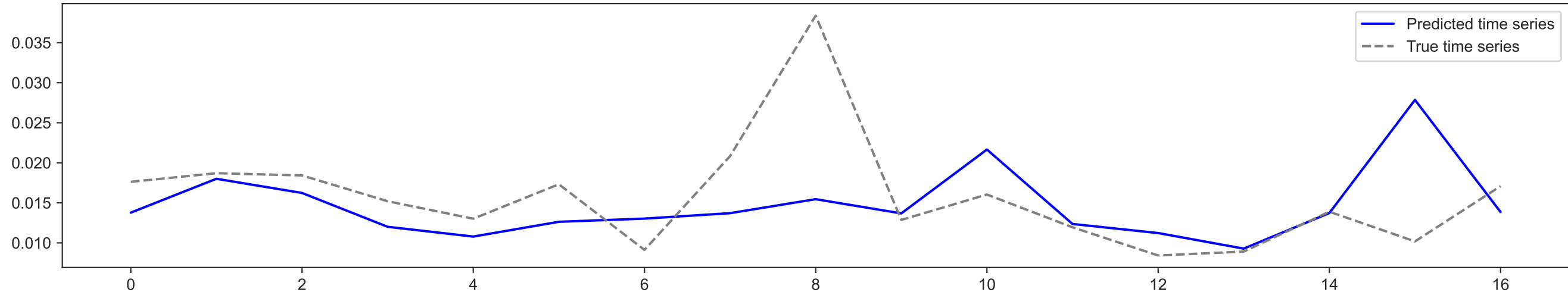
ZTS, RMSE =0.004212937352568779



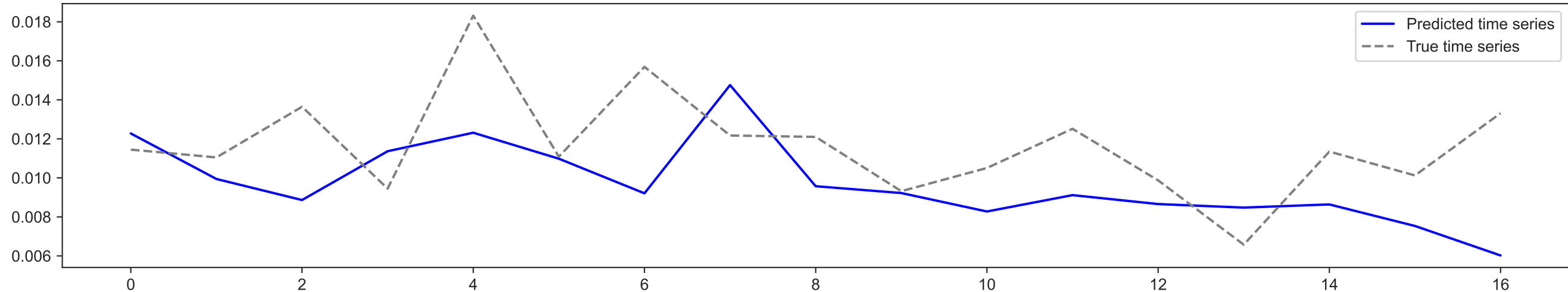
HIG, RMSE =0.011002873913445895



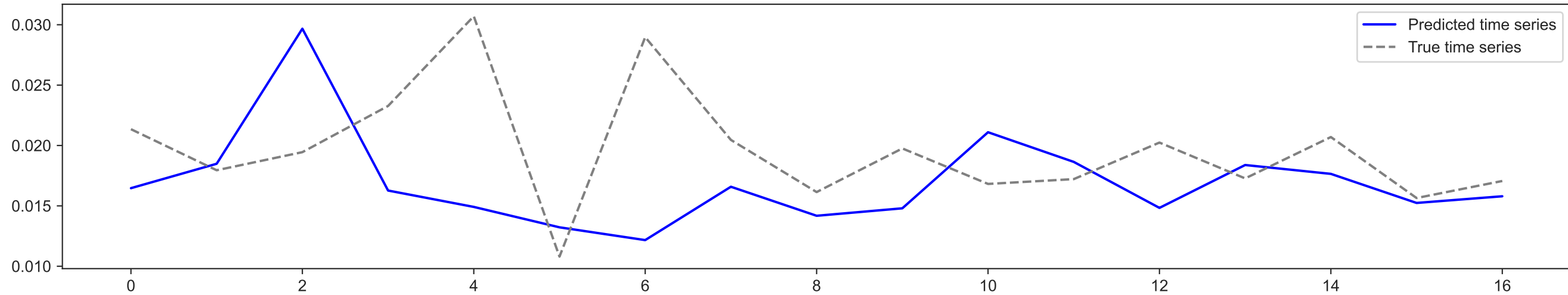
TYL, RMSE =0.007715649543522453



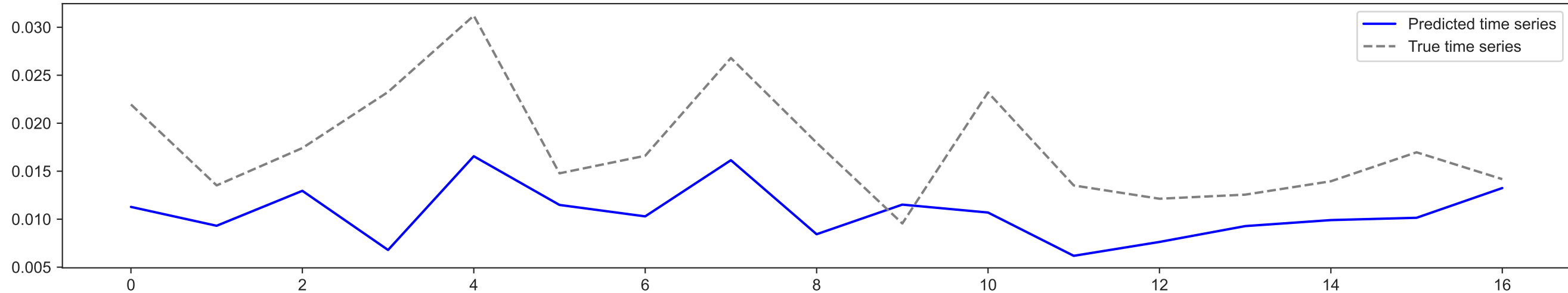
CMS, RMSE =0.0035010768468264272



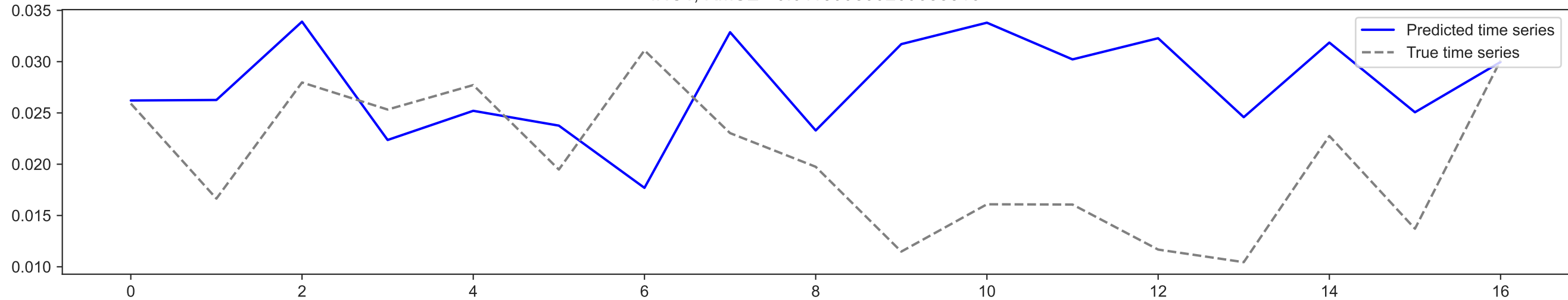
SCHW, RMSE =0.006948172480696636



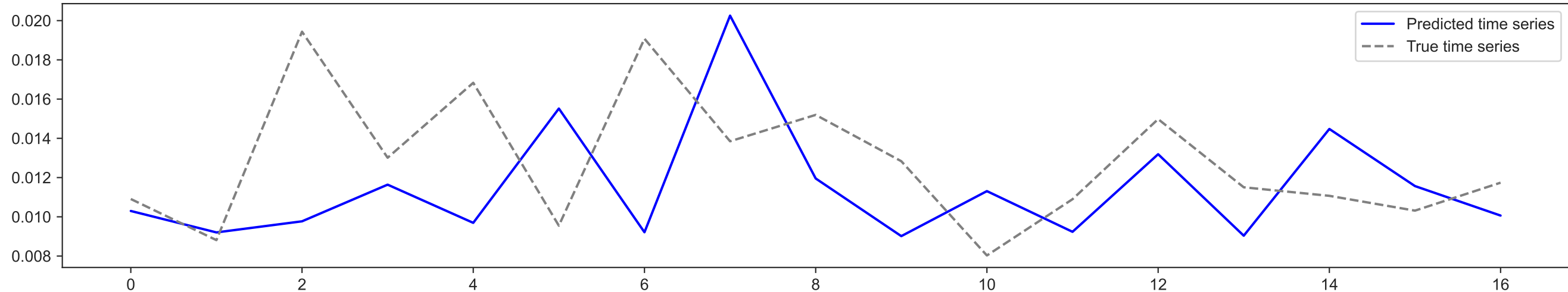
HSIC, RMSE =0.008406945314085435



INCY, RMSE =0.011399899269085316

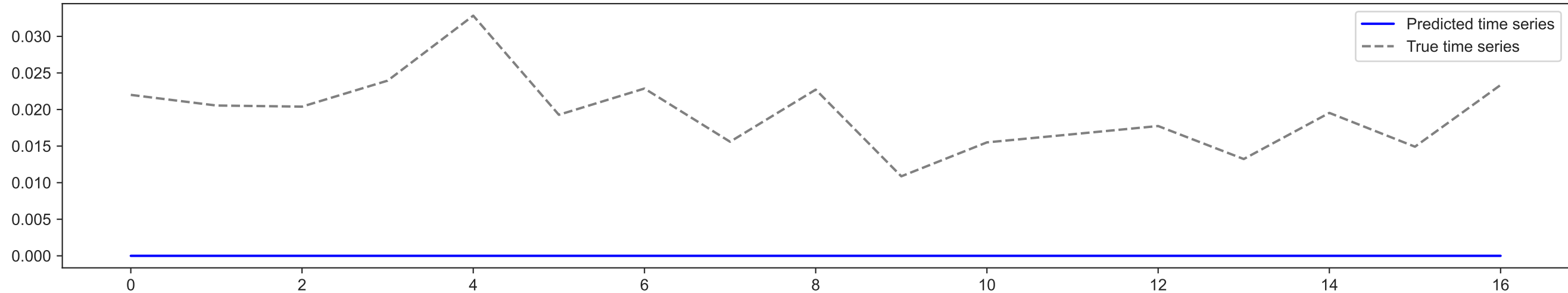


CAG, RMSE =0.00475664382961578

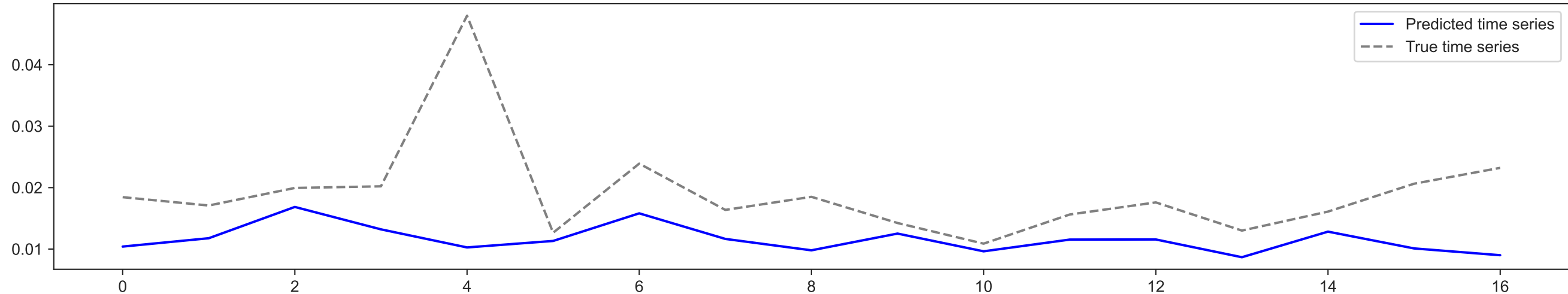




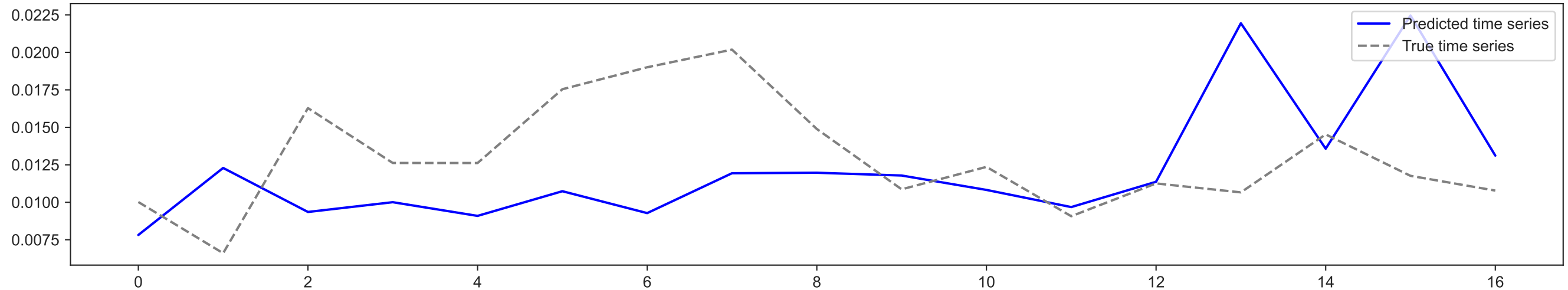
HPE, RMSE =0.02014961623723192



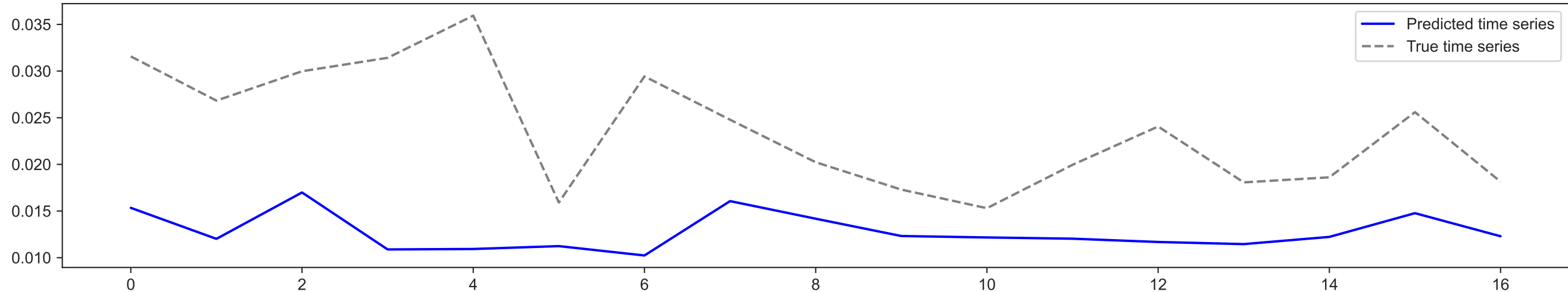
AXP, RMSE =0.011216376710671674



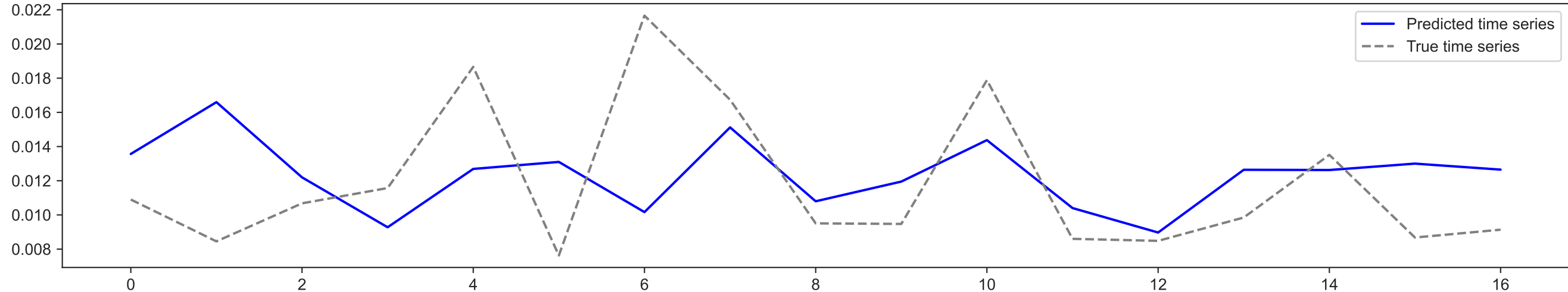
AZO, RMSE =0.005809768962376994



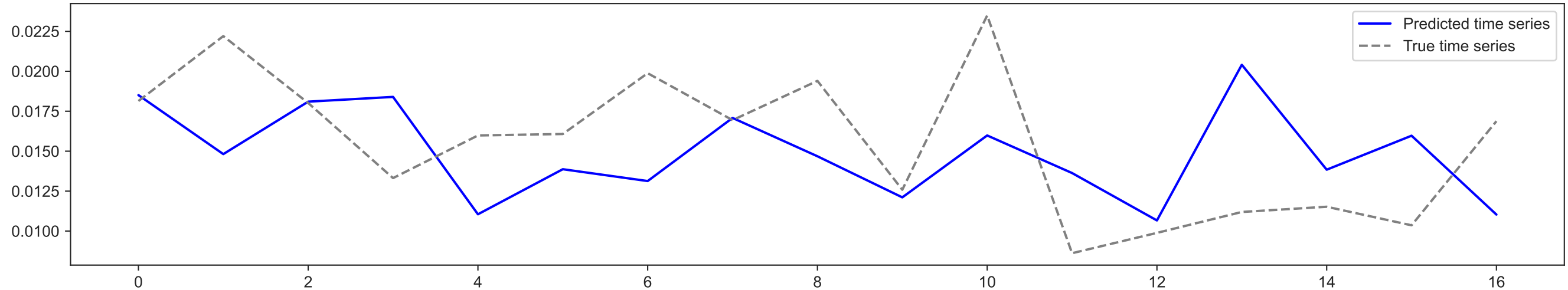
DFS, RMSE =0.012575224529291936



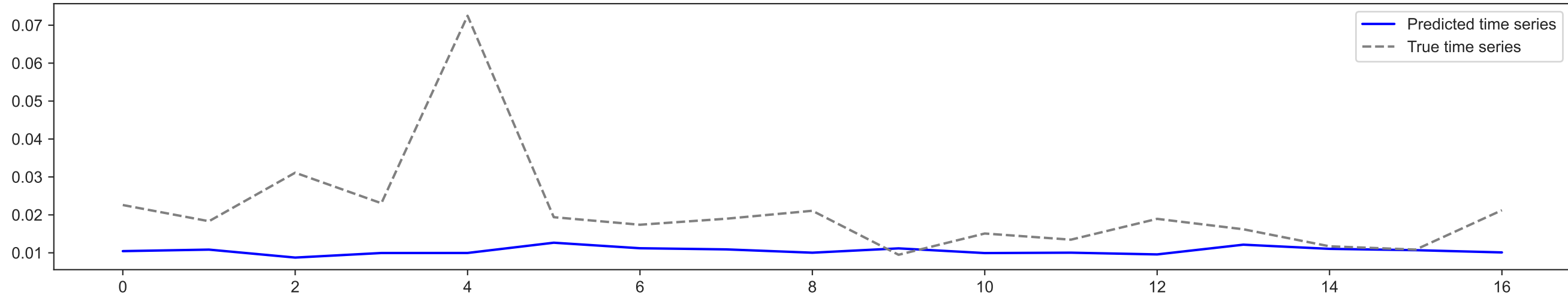
HRL, RMSE =0.004501819457775102



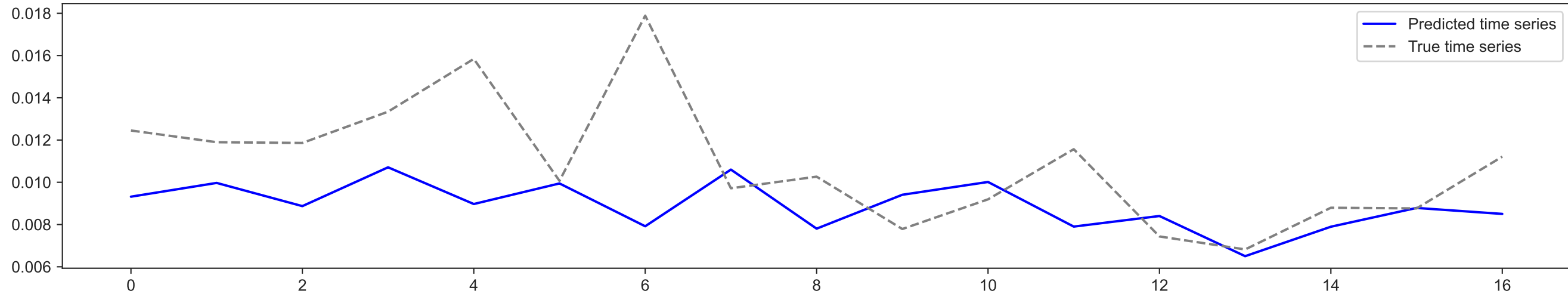
SEE, RMSE =0.004944658449780913



FRT, RMSE =0.017701309993068095

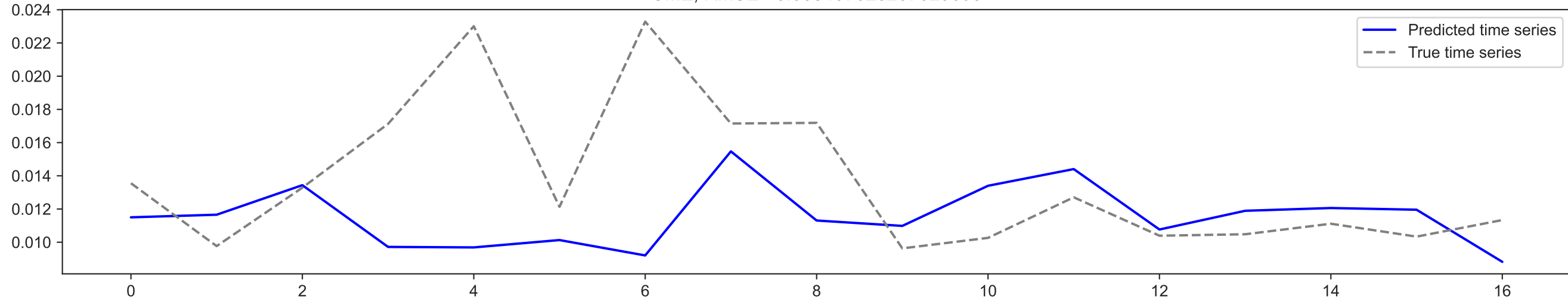


SO, RMSE =0.003504595422735568

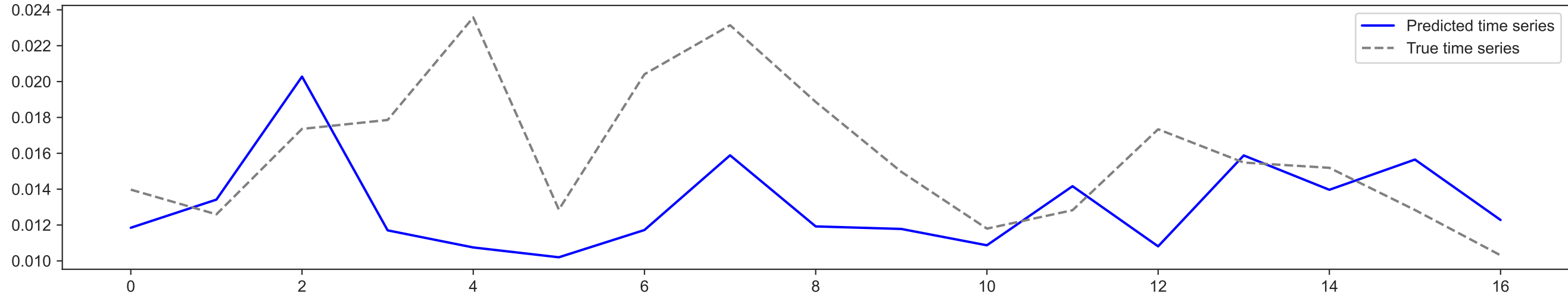




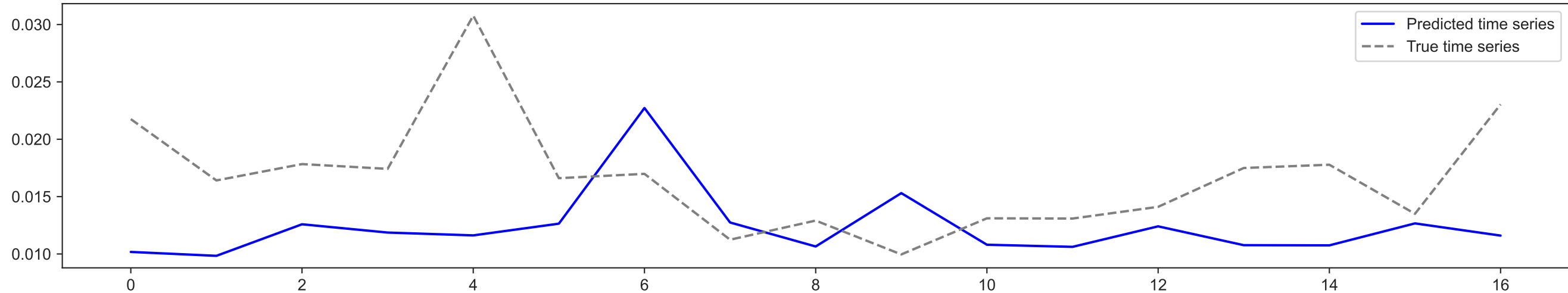
CME, RMSE =0.005457626207629695



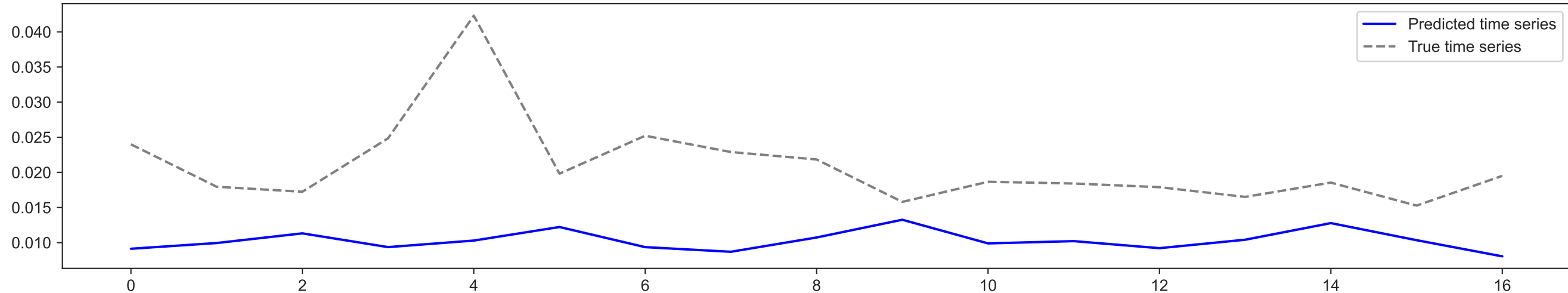
FRC, RMSE =0.005249016059926228



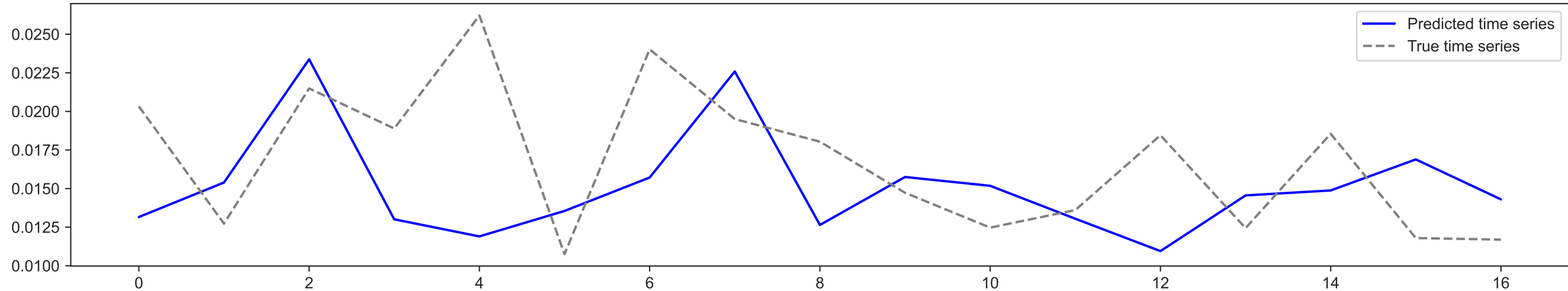
ZBH, RMSE =0.0073853665148135616



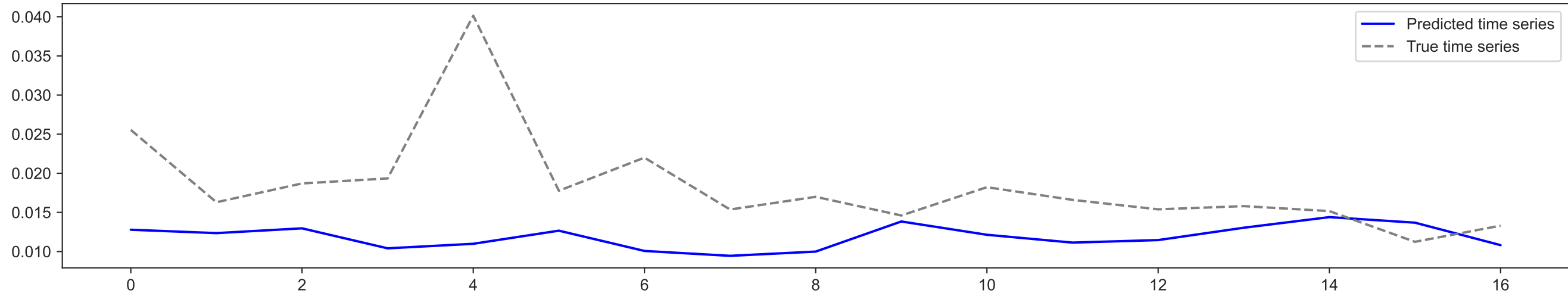
XOM, RMSE =0.012534289101475497



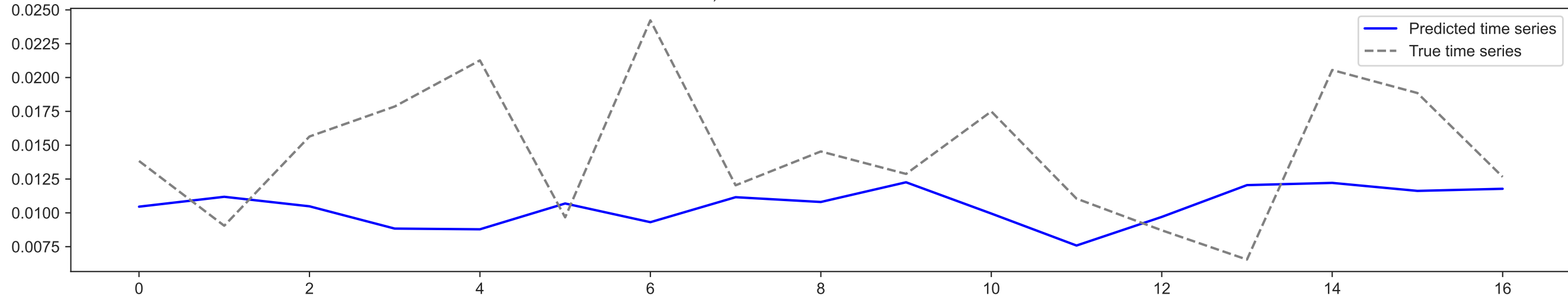
AMP, RMSE =0.005597522362196623



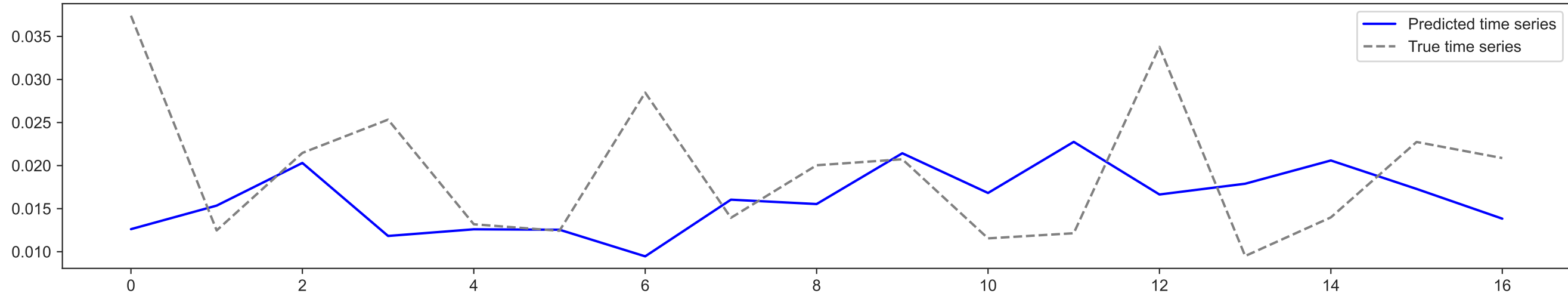
CVX, RMSE =0.00938438136045448



CMCSA, RMSE =0.006603987691665511

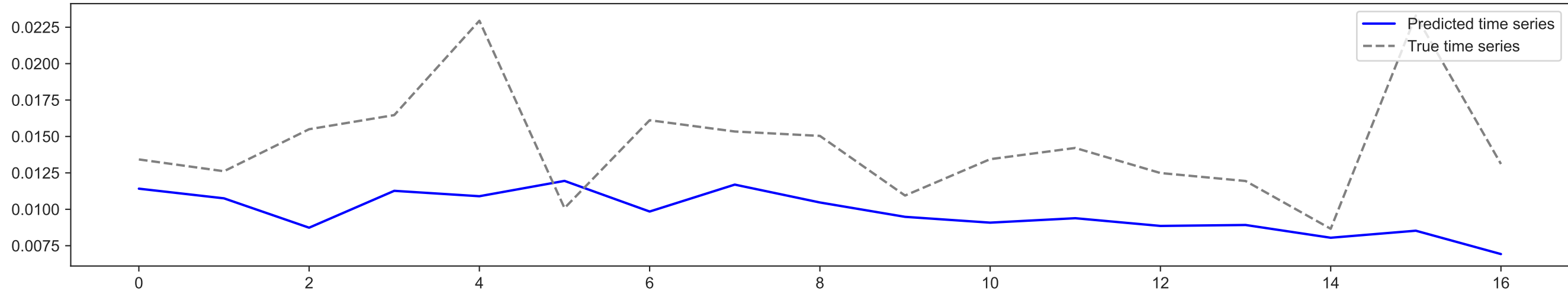


CTXS, RMSE =0.010349150958416193

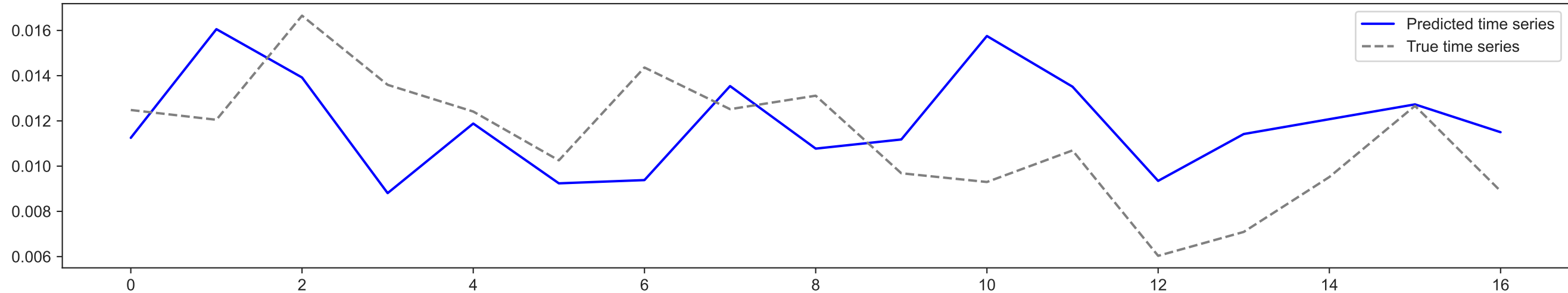




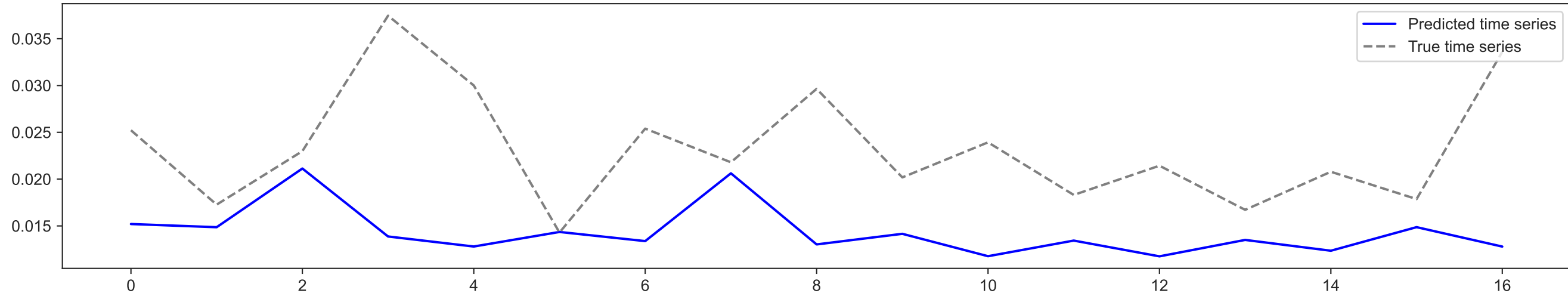
PNW, RMSE =0.006067372528520329



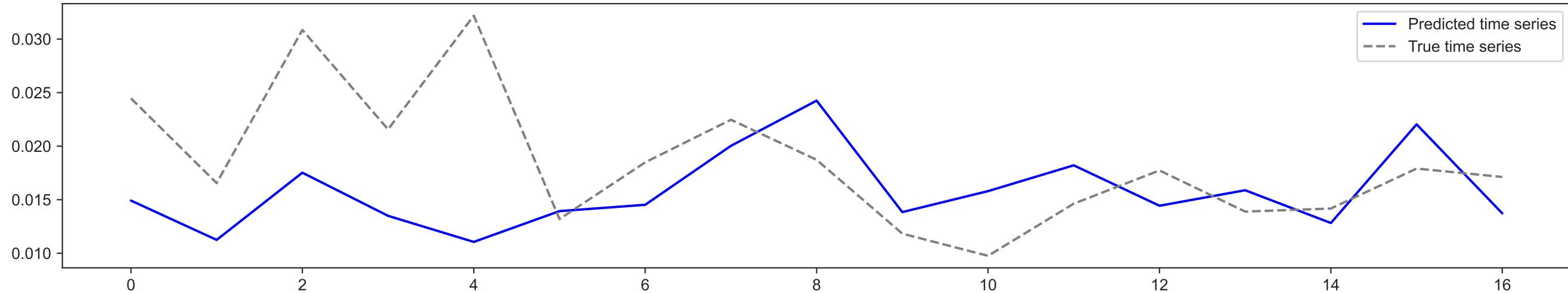
ICE, RMSE =0.003212730175659649



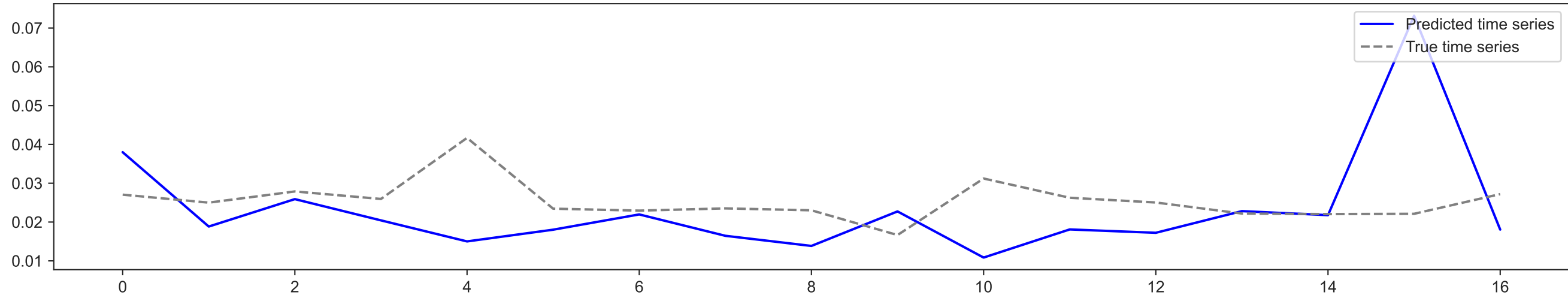
BEN, RMSE =0.01140062884150339



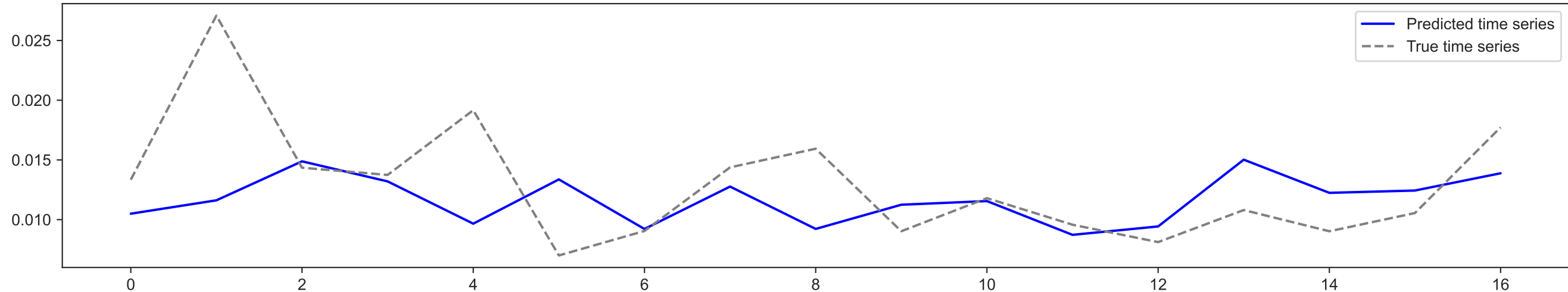
UHS, RMSE =0.007515013456439346



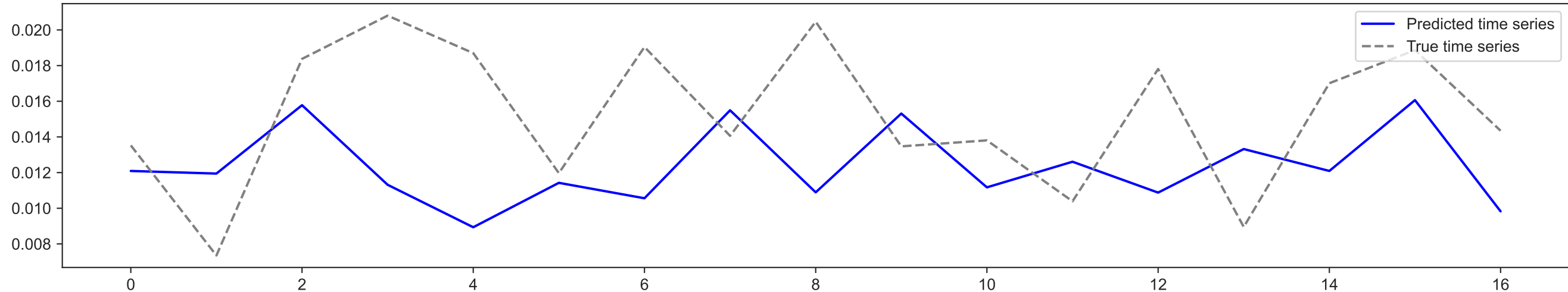
BKR, RMSE =0.01596826569964511



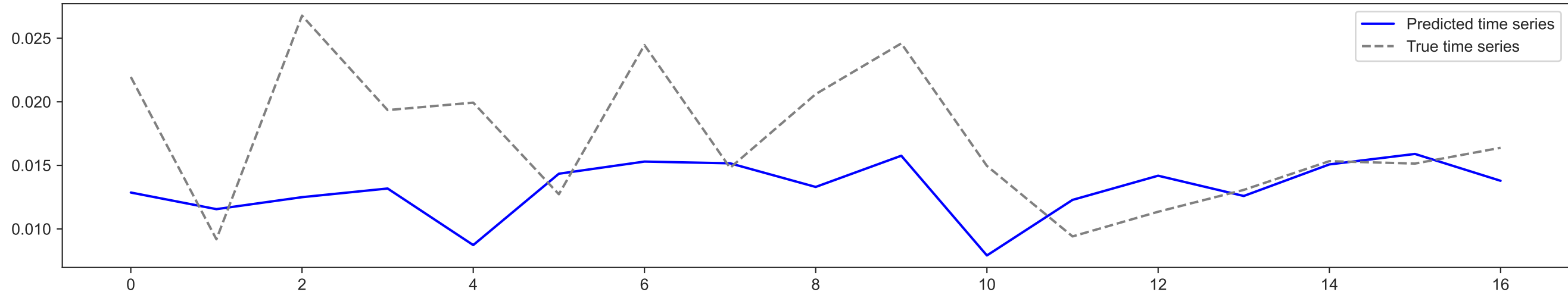
CSCO, RMSE =0.005315028955678584



TROW, RMSE =0.005509057847185784

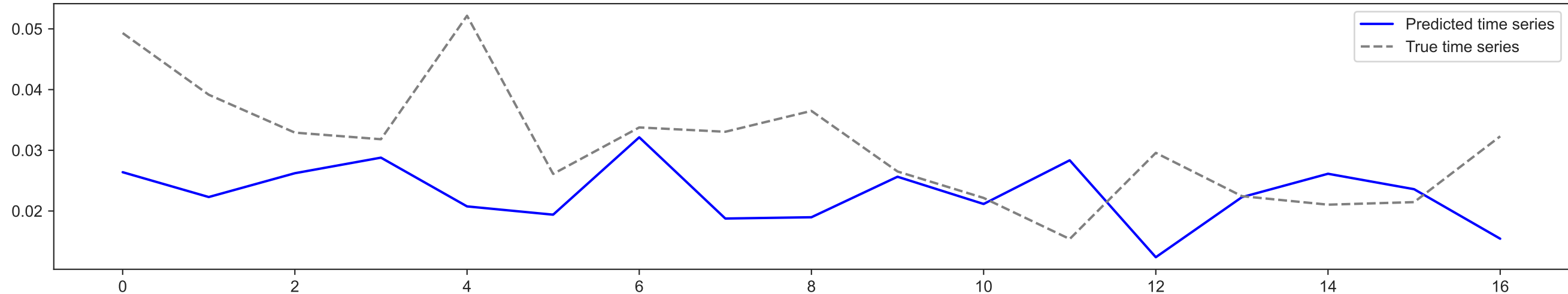


ISRG, RMSE =0.006631057083950145

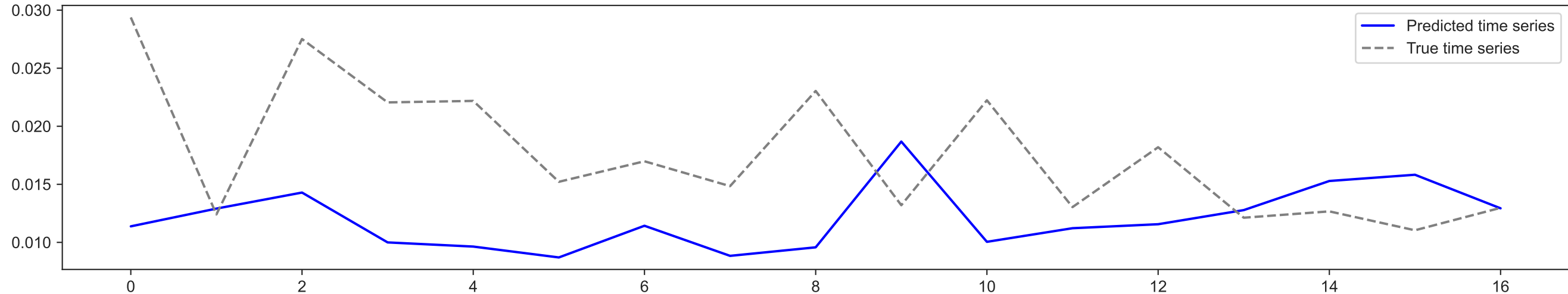




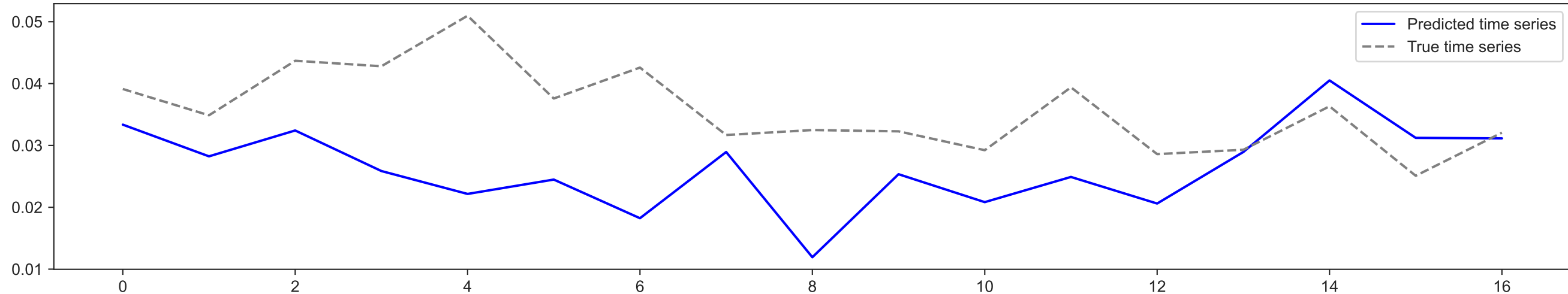
UAL, RMSE =0.013695300478439615



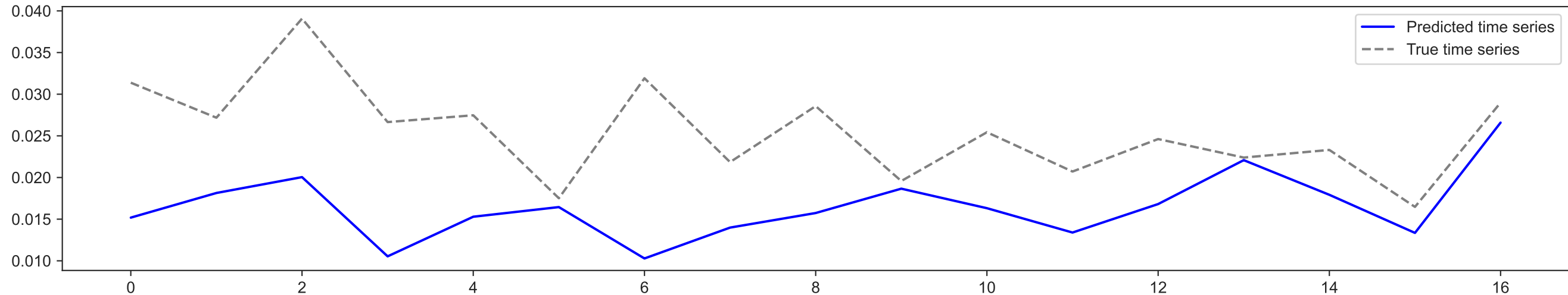
NVR, RMSE =0.008906022590388791



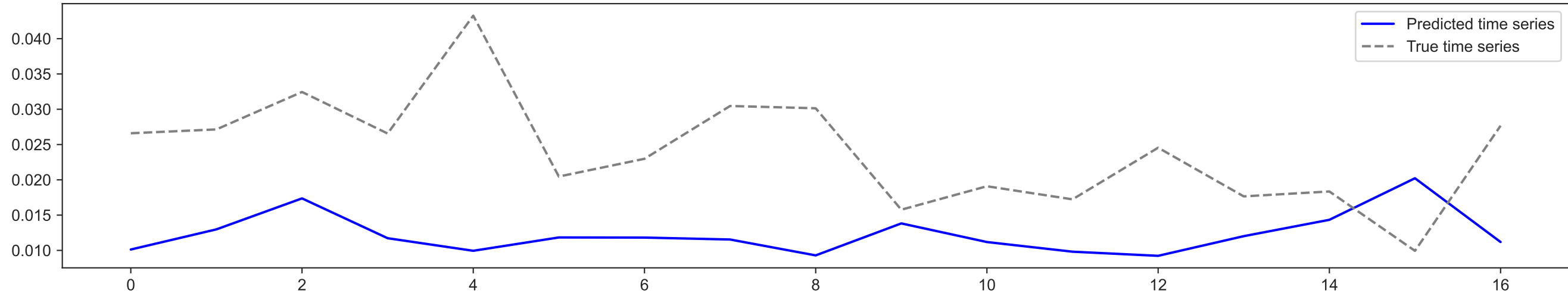
DVN, RMSE =0.013204345247456537



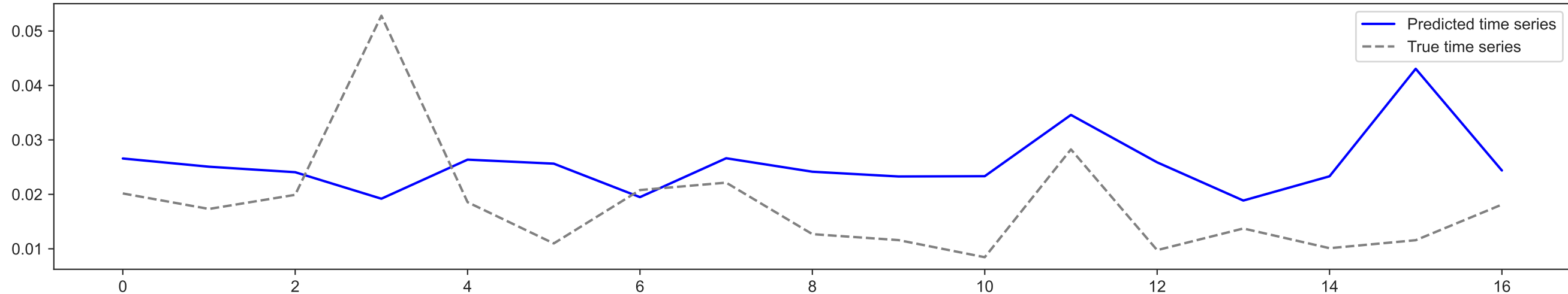
TPR, RMSE =0.010988754467802052



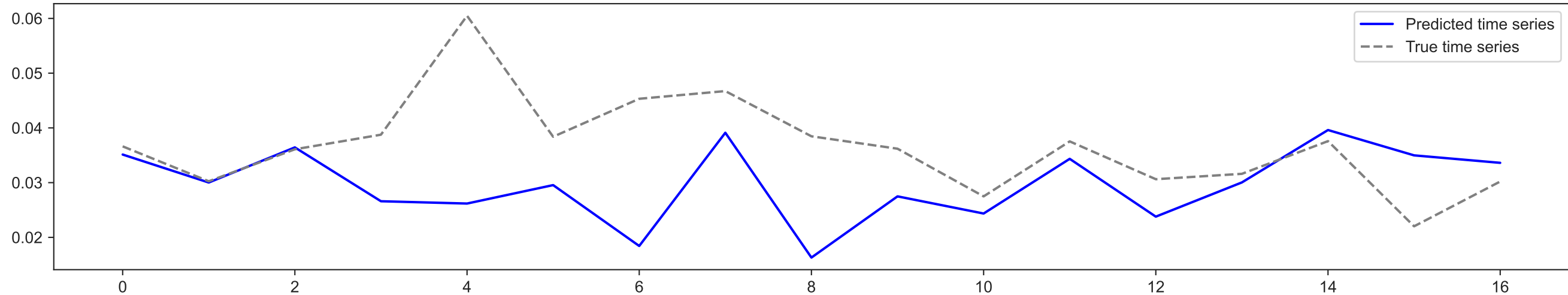
BA, RMSE =0.014955320306585225



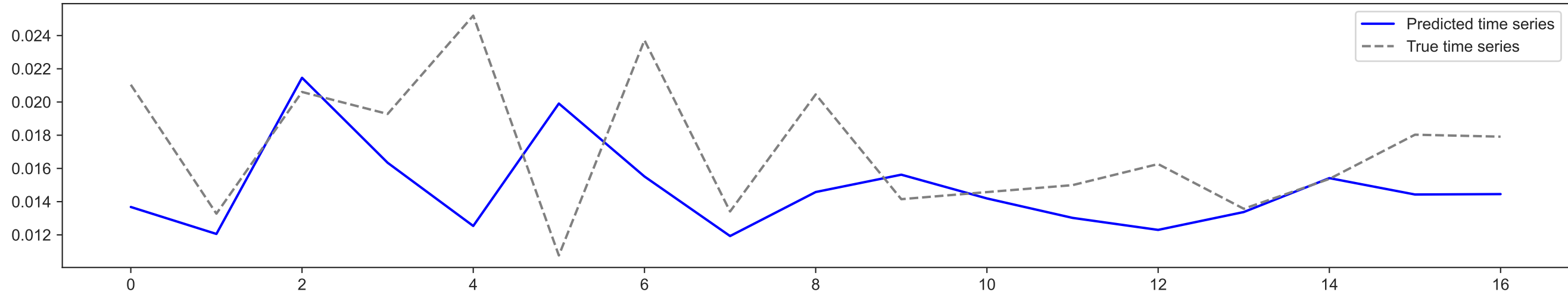
VRTX, RMSE =0.014483186411458297



MRO, RMSE =0.0132970109120331

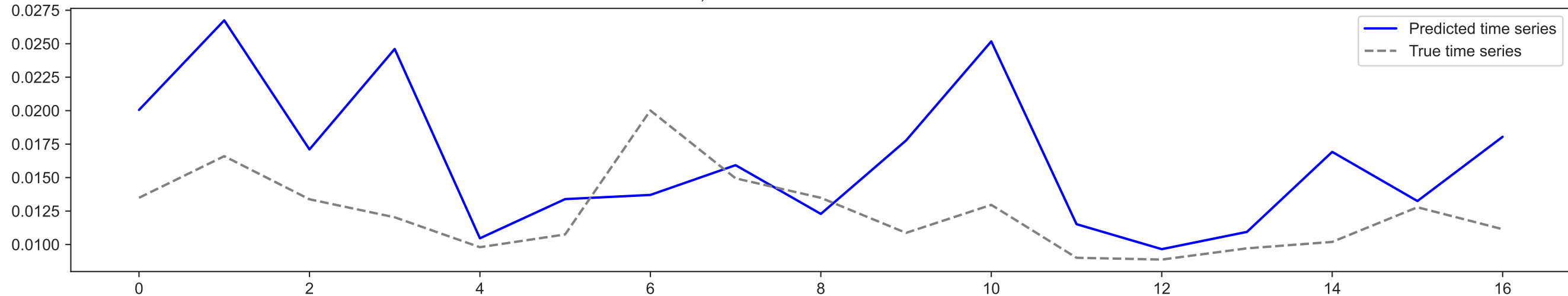


CE, RMSE =0.005201848775549427

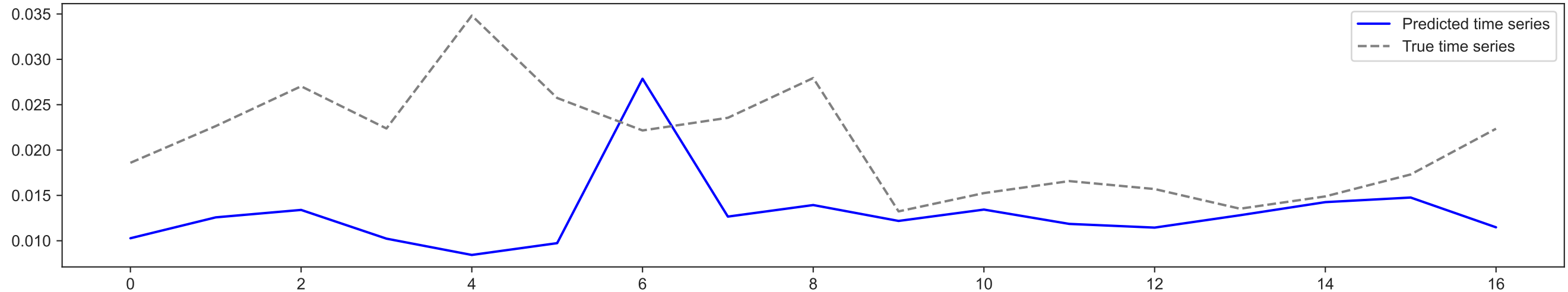




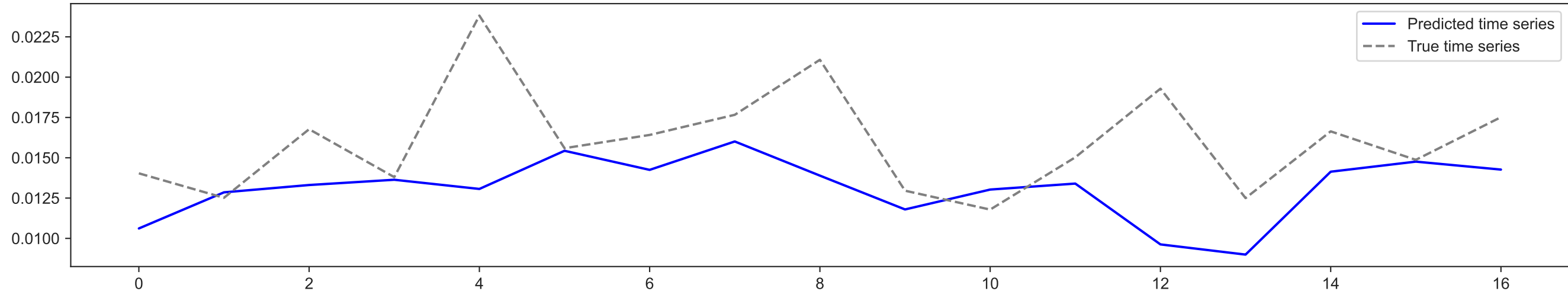
GILD, RMSE =0.006259336367636117



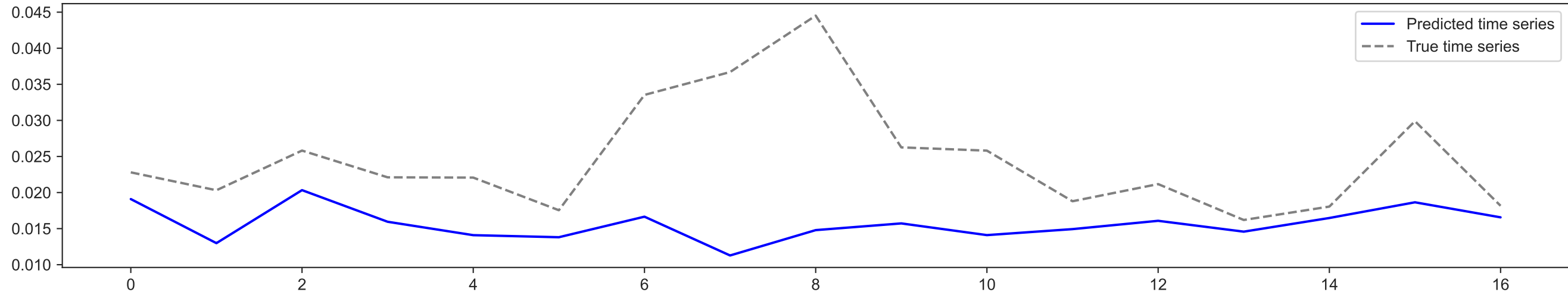
NLSN, RMSE =0.010774382929760035



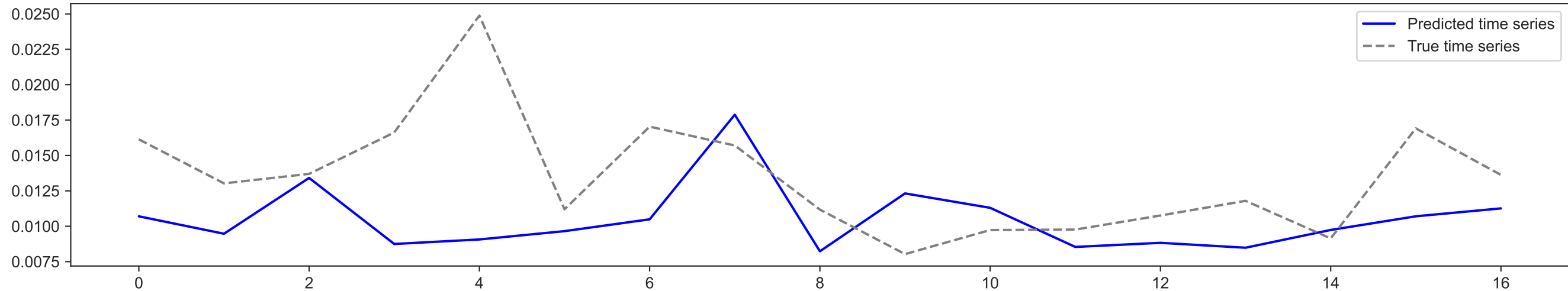
EQIX, RMSE =0.004382202230313131



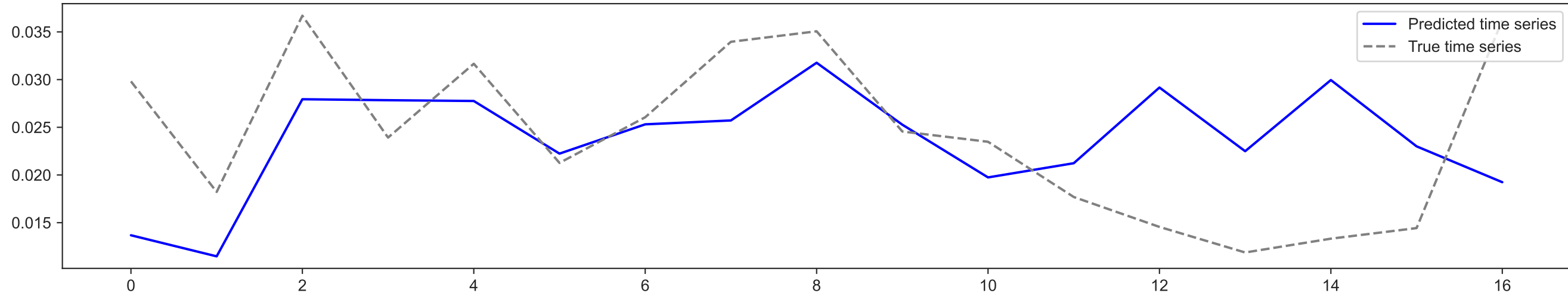
TER, RMSE =0.012006747002124014



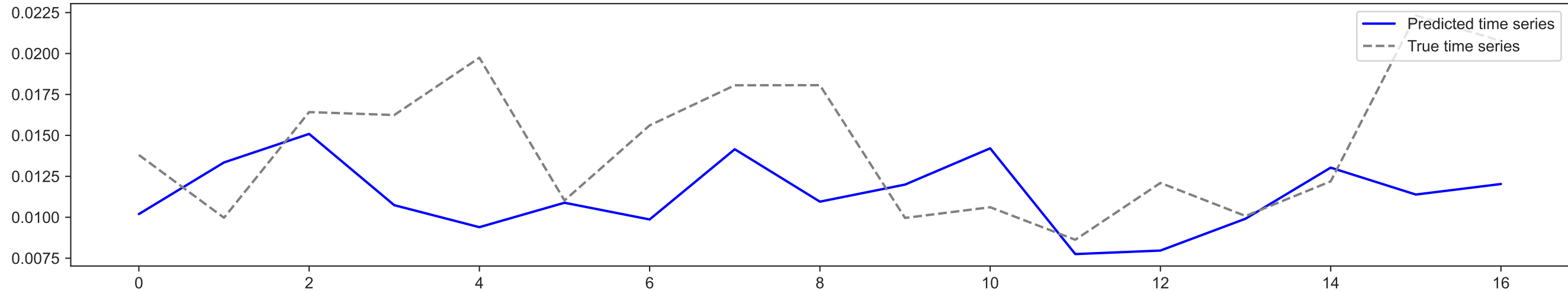
MDT, RMSE =0.00539545006847303



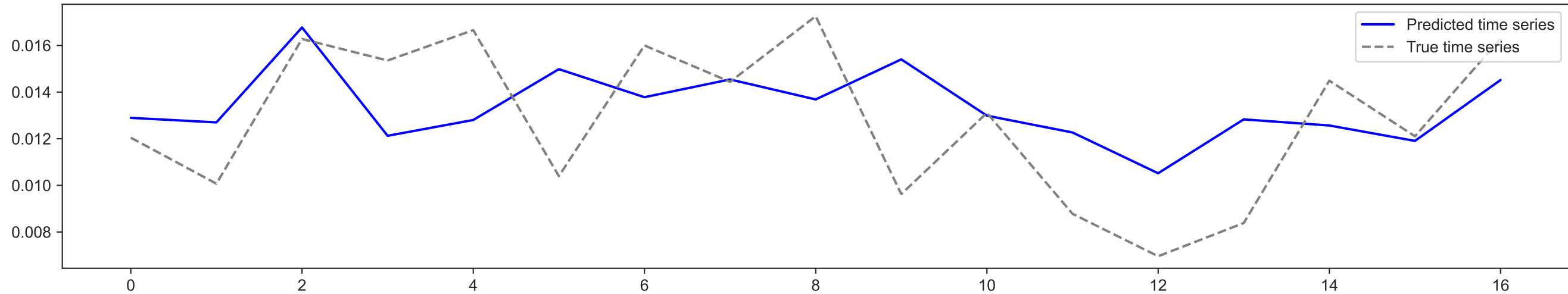
QRVO, RMSE =0.00934586799225098



V, RMSE =0.005390767719692123

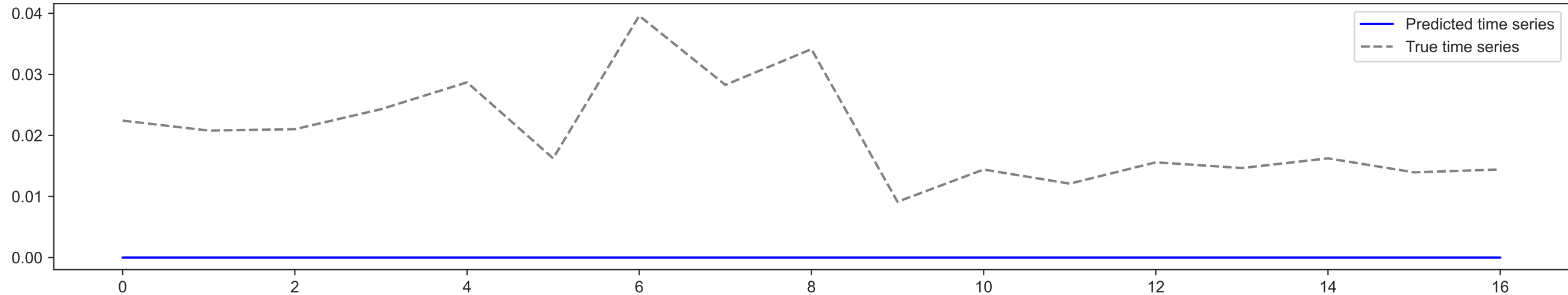


A, RMSE =0.003036897598059652

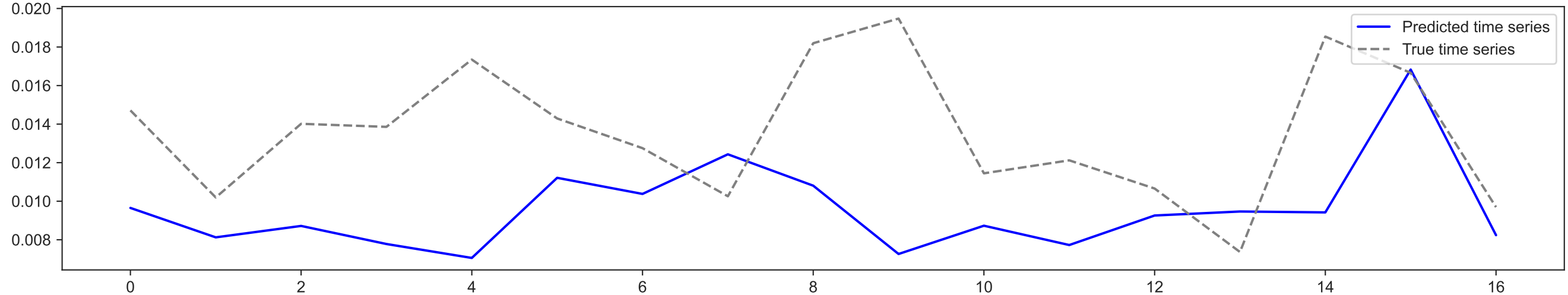




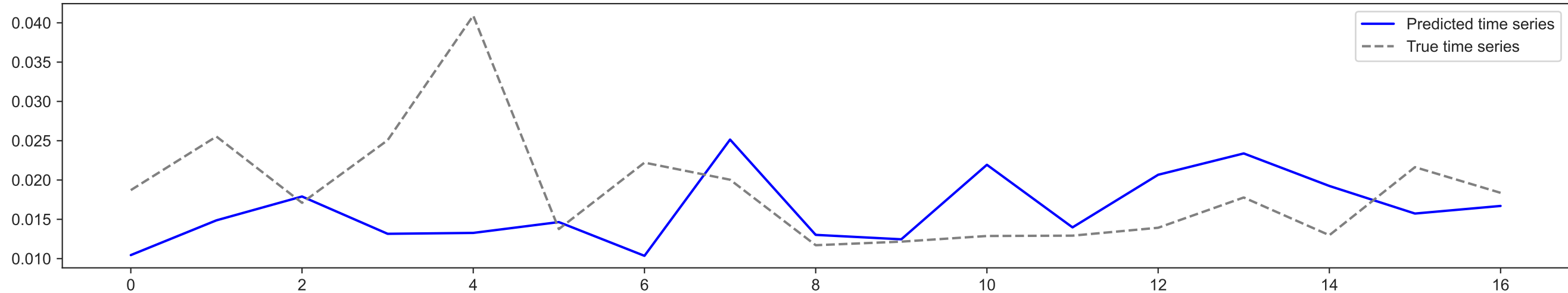
FOX, RMSE =0.021894324985987538



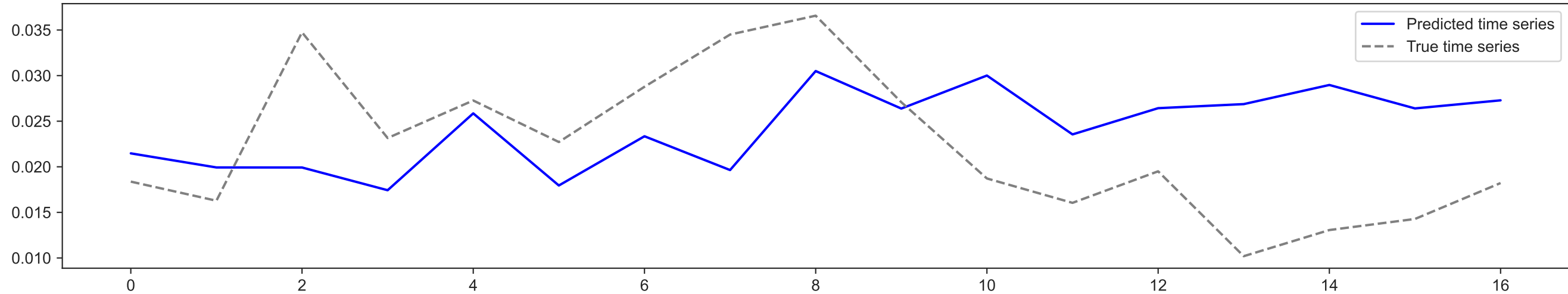
MO, RMSE =0.005651928581001145



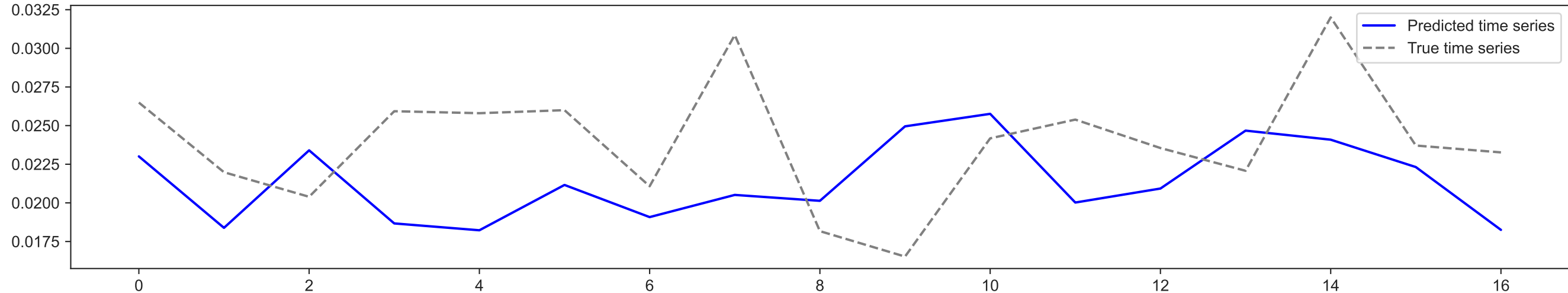
FLT, RMSE =0.009376694367030217



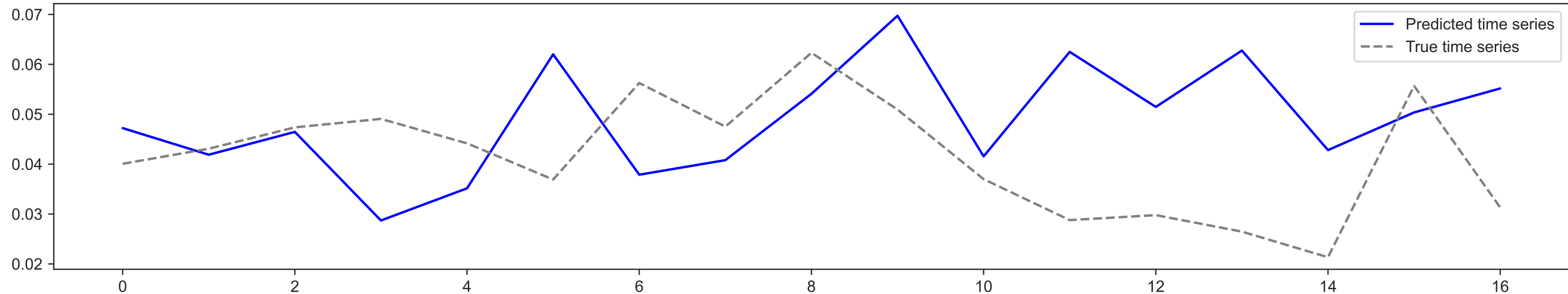
SWKS, RMSE =0.009641103942759861



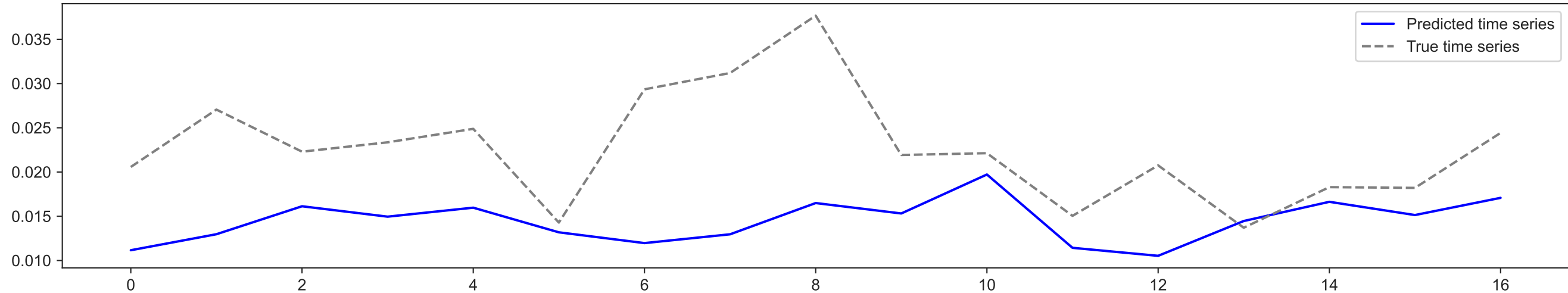
CTRA, RMSE =0.005359011288176613



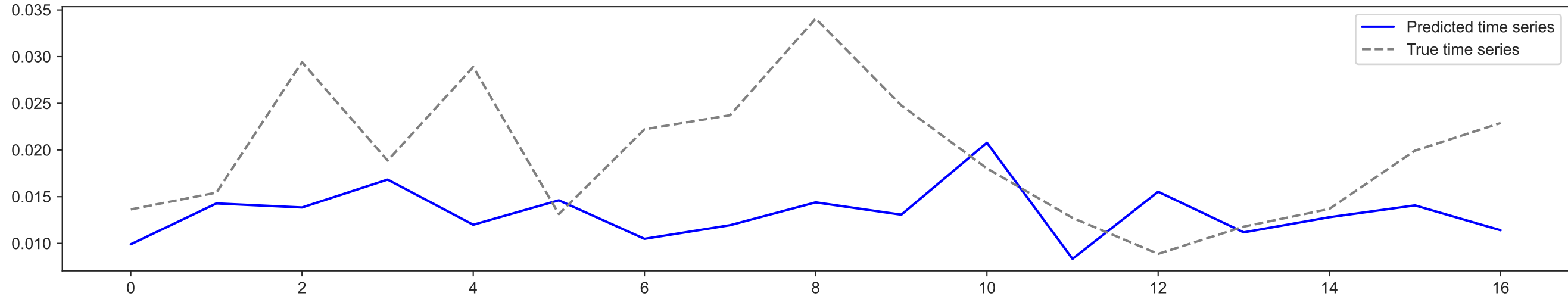
ENPH, RMSE =0.018766913918462733



MCHP, RMSE =0.010269775186173292

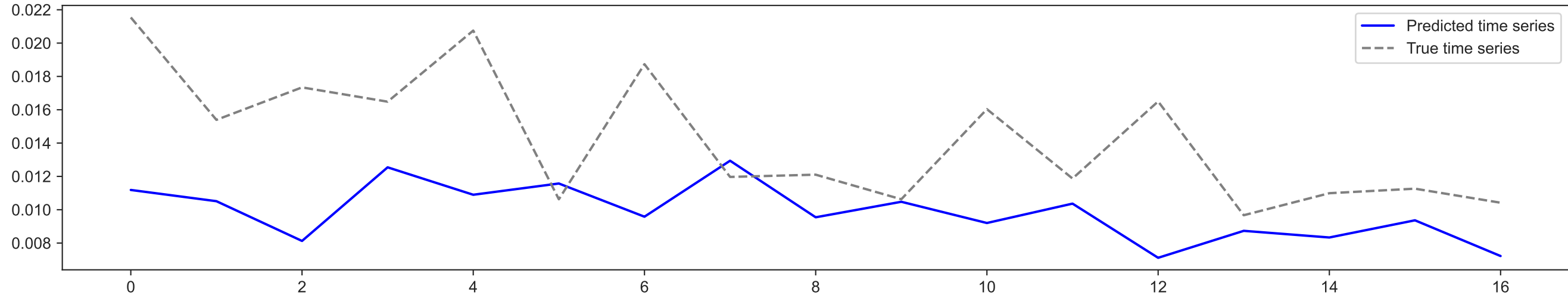


CDNS, RMSE =0.00966323994794841

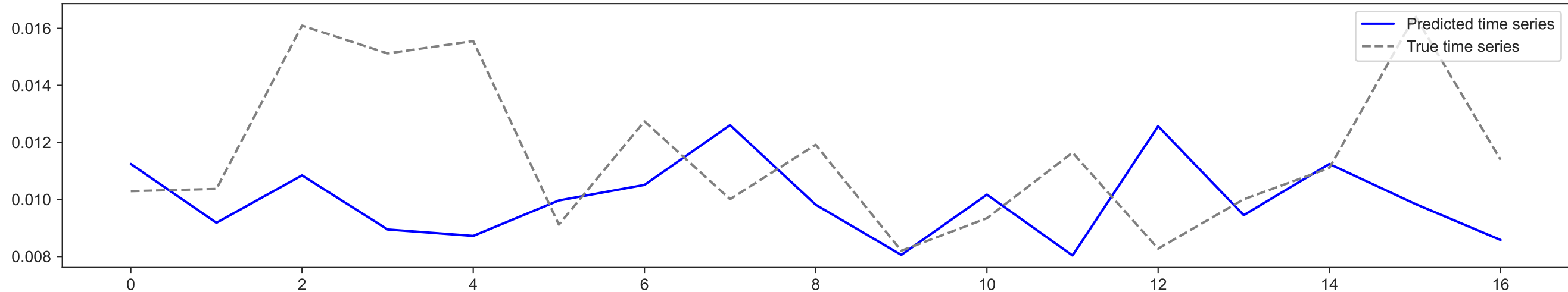




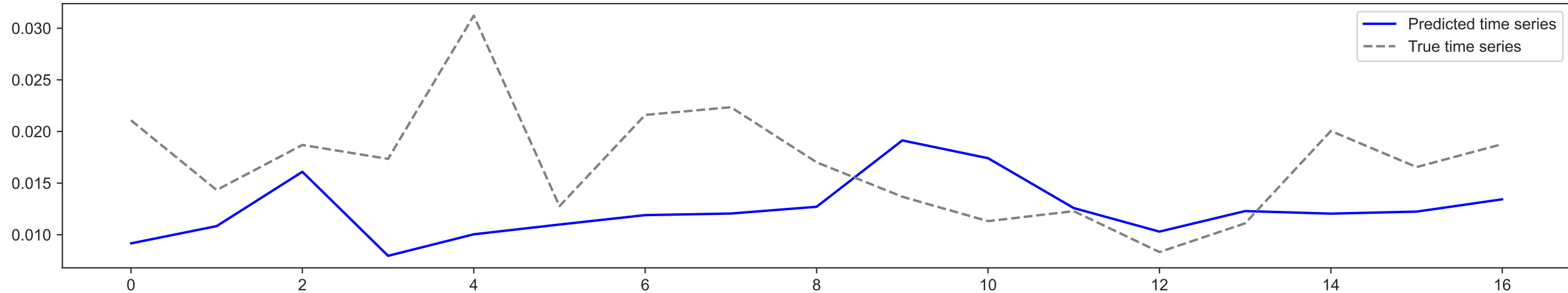
EIX, RMSE =0.005838628009726724



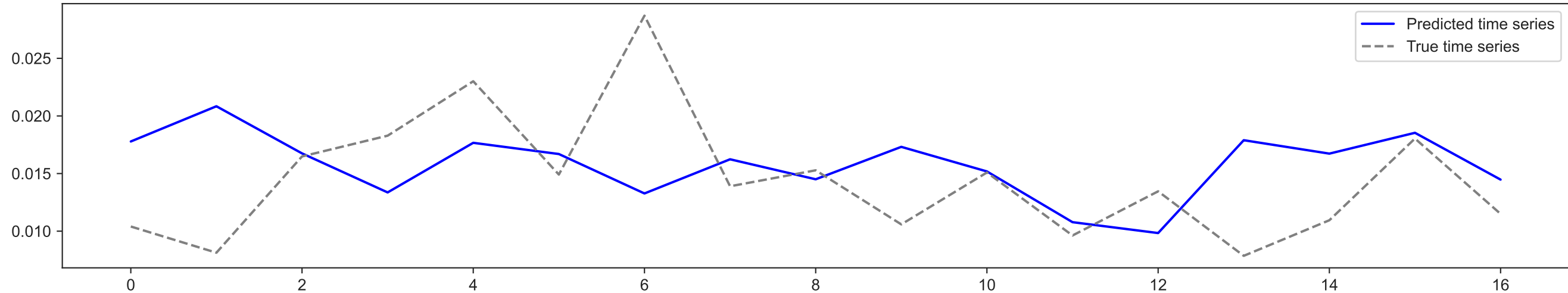
KDP, RMSE =0.0035597317072166342



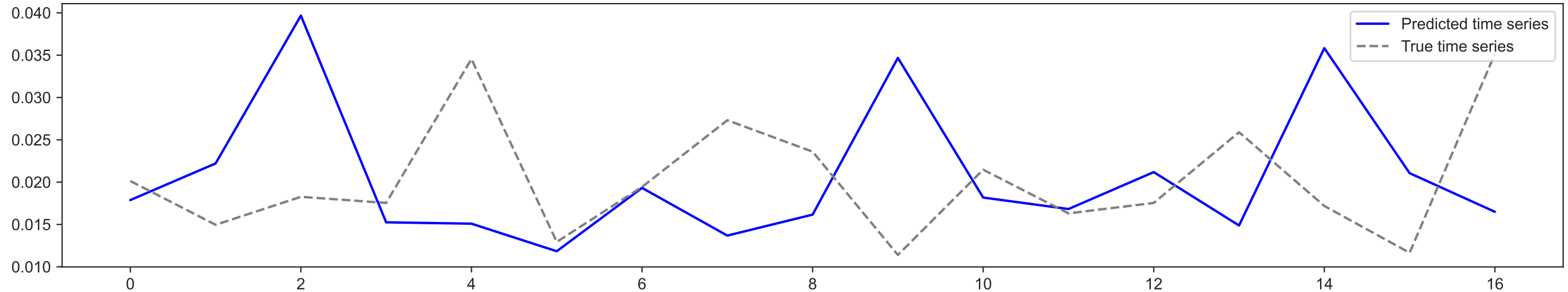
MSCI, RMSE =0.008055390466334326



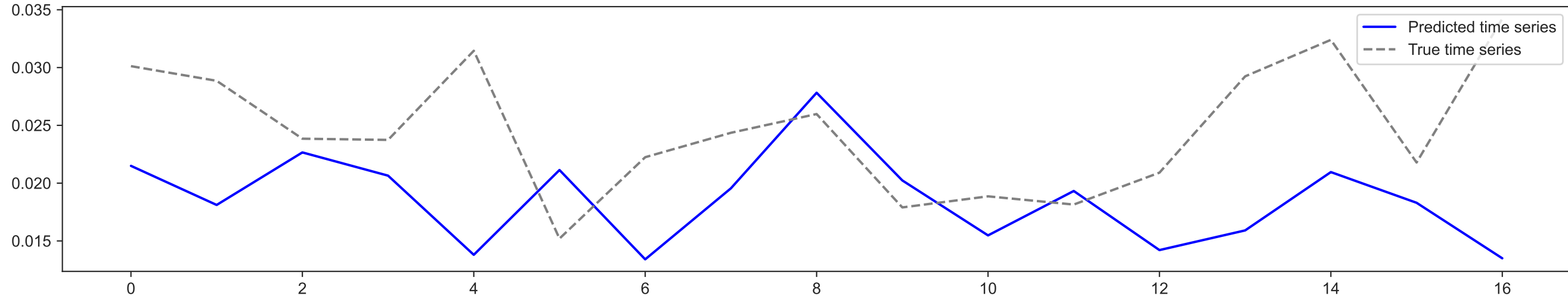
CHTR, RMSE =0.006504519600298515



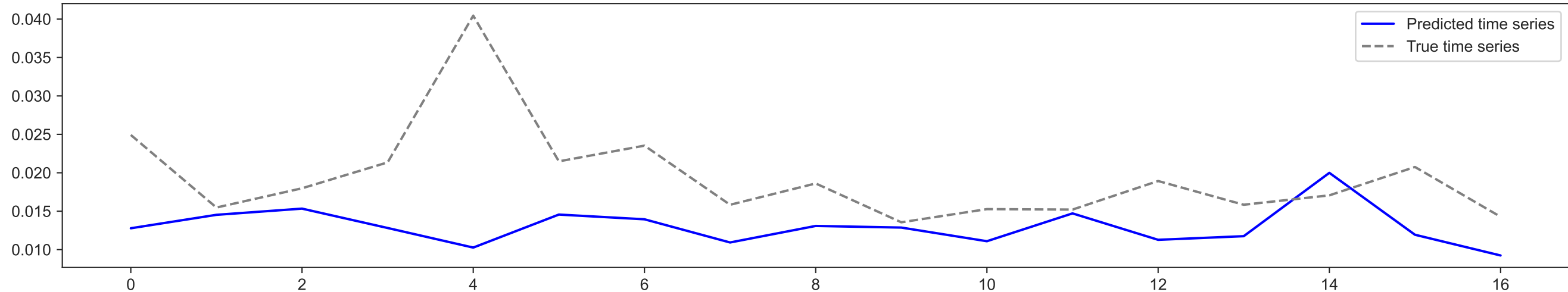
BBY, RMSE =0.01239965565910444



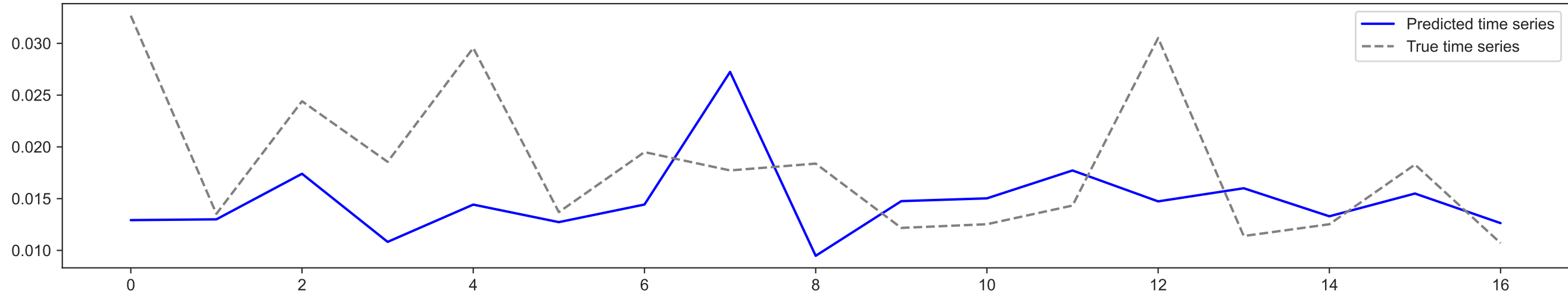
LVS, RMSE =0.009286018466488834



WBA, RMSE =0.009513274269823303

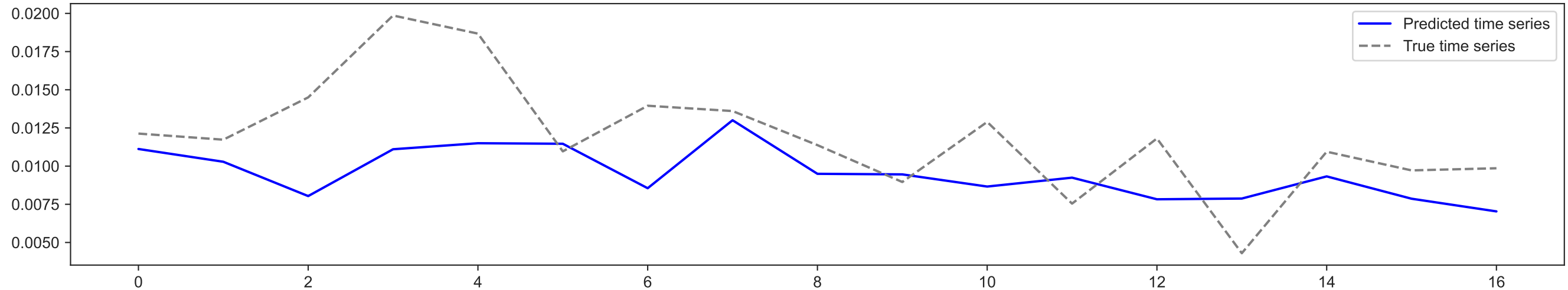


HCA, RMSE =0.008511957783619926

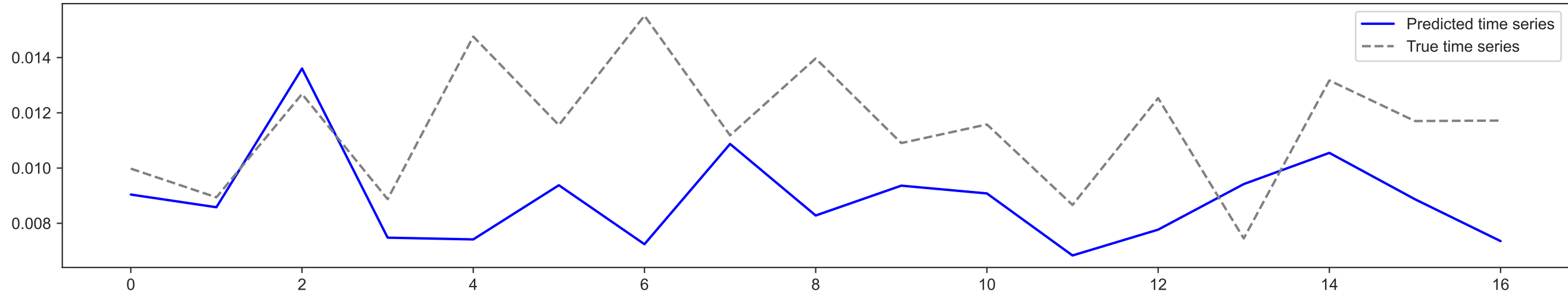




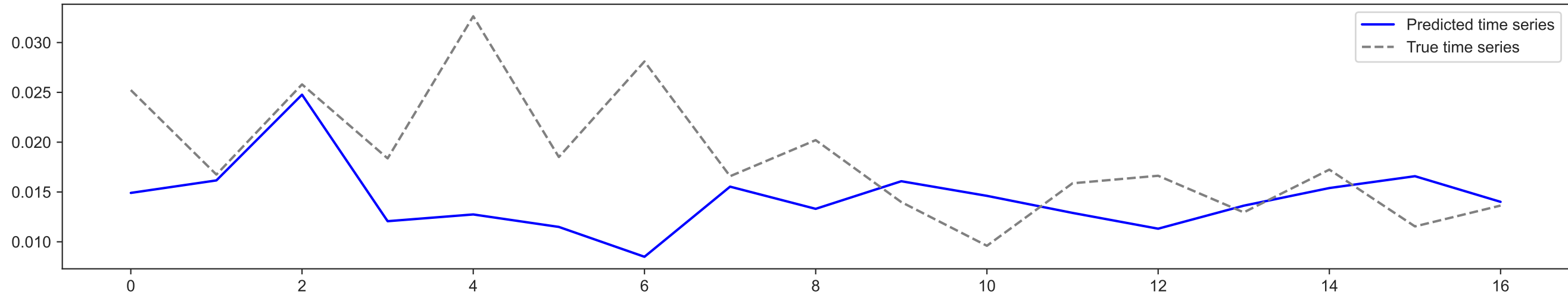
DTE, RMSE =0.003986340758982524



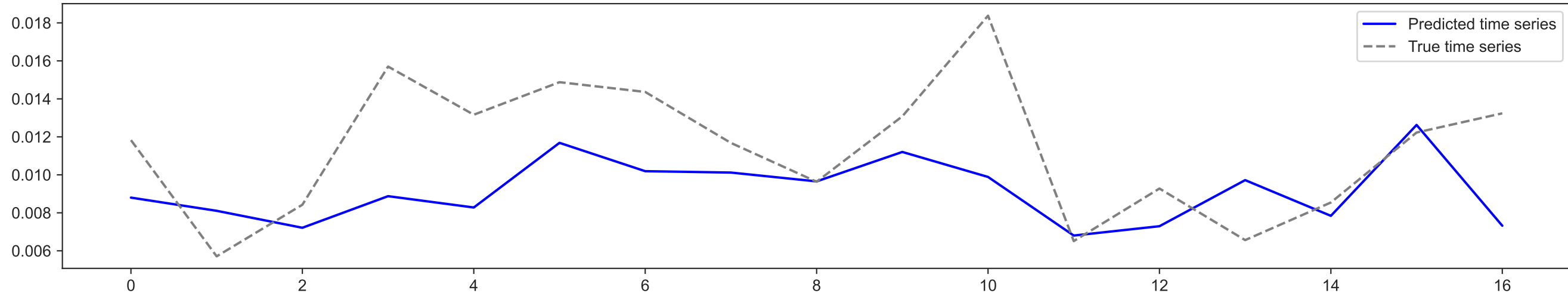
AJG, RMSE =0.003723786181362957



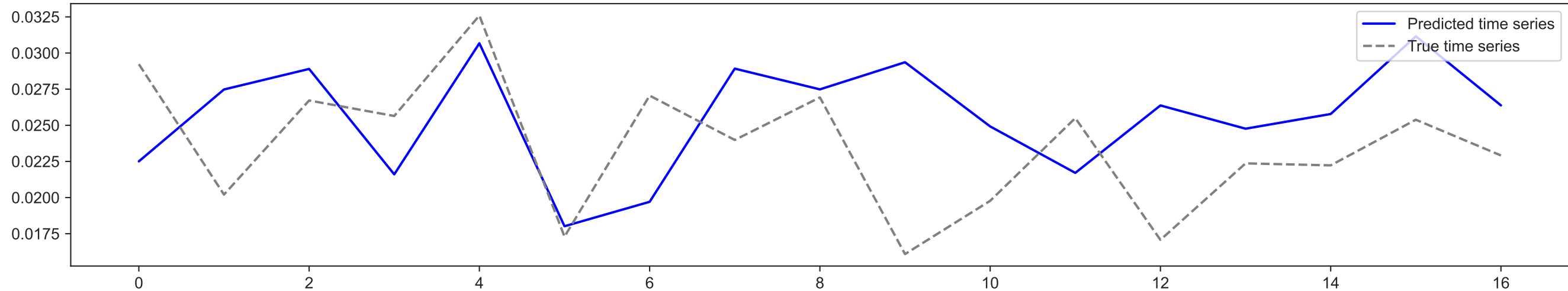
C, RMSE =0.008122457437886072



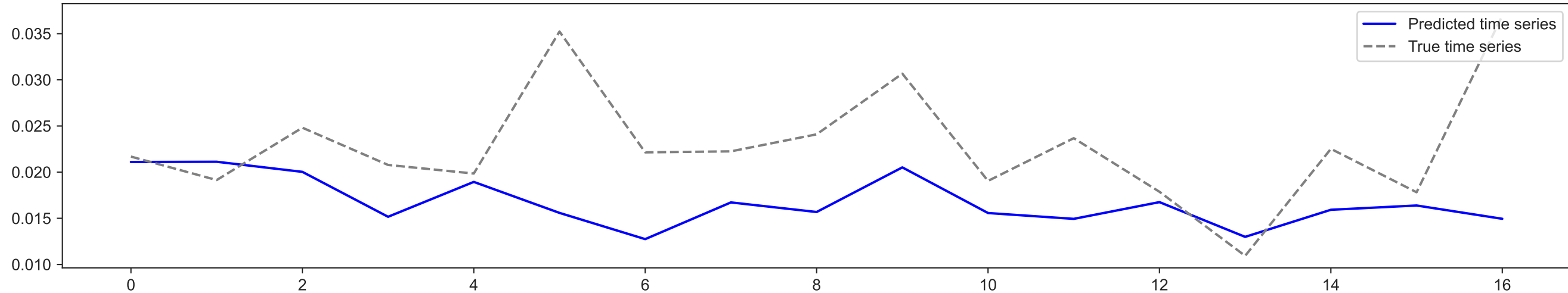
T, RMSE =0.0037741905019365663



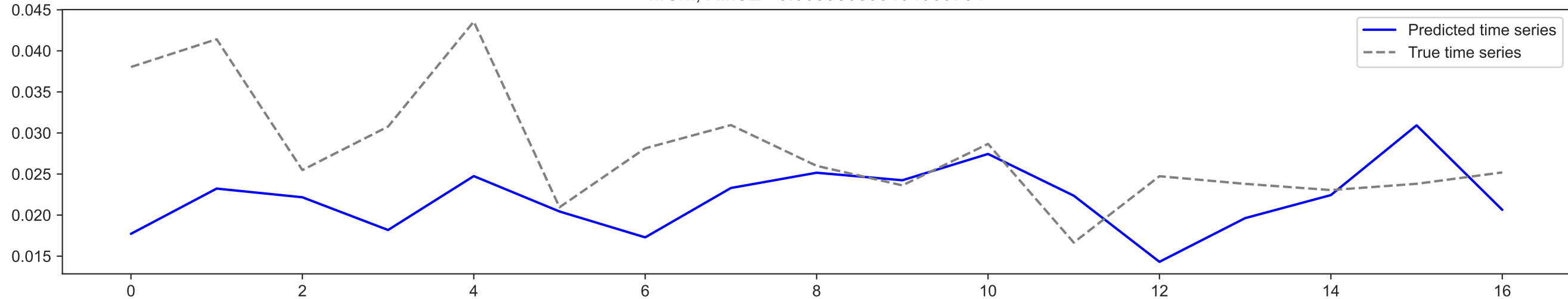
CF, RMSE =0.005786335744020697



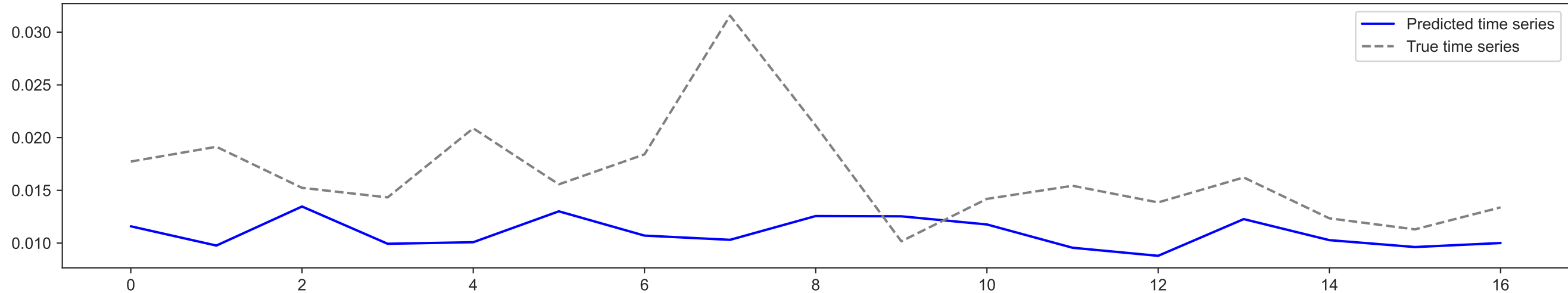
DISH, RMSE =0.00894985331982605



MGM, RMSE =0.009930599494959794

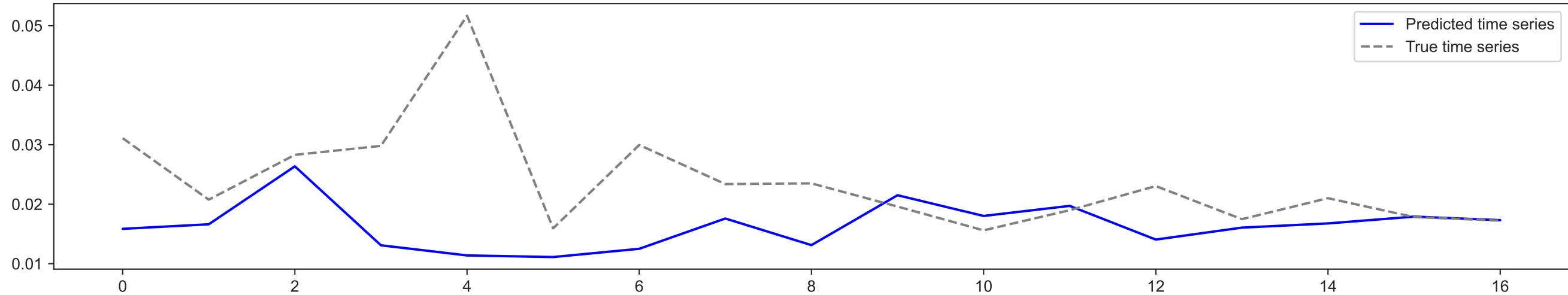


CBOE, RMSE =0.007519270797502087

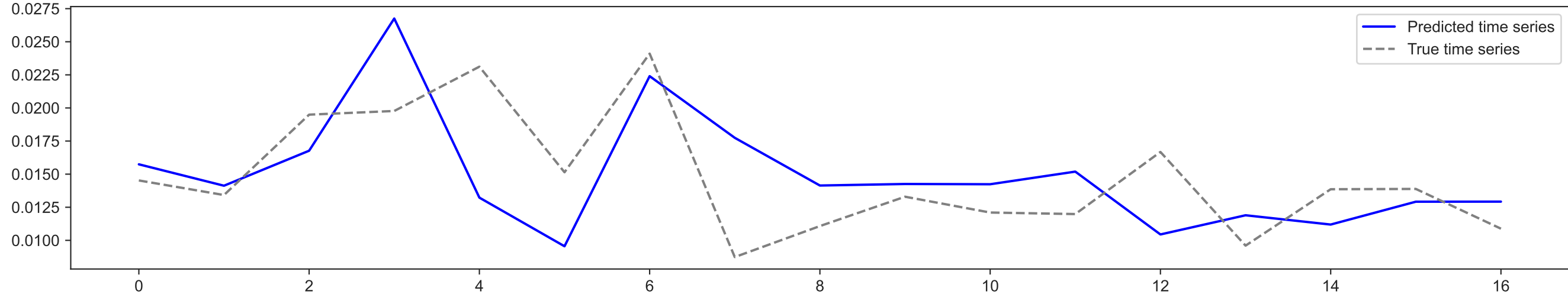




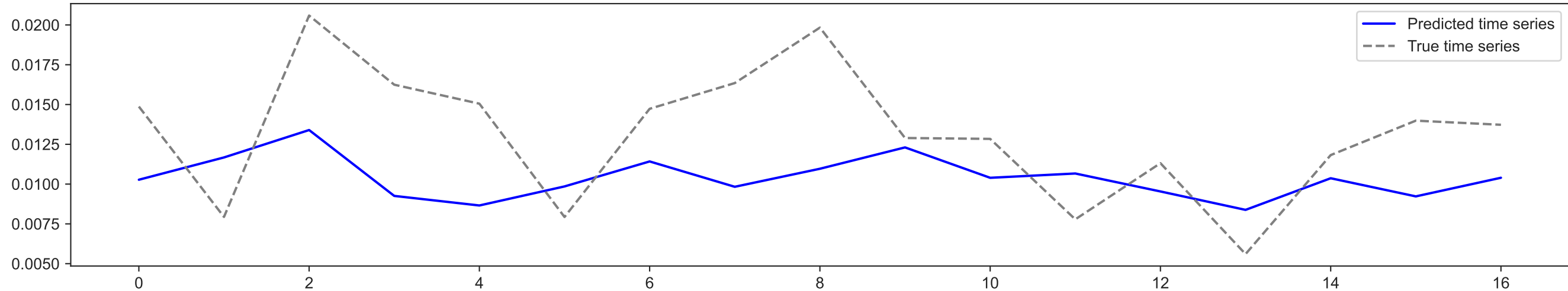
CFG, RMSE =0.01268717673223658



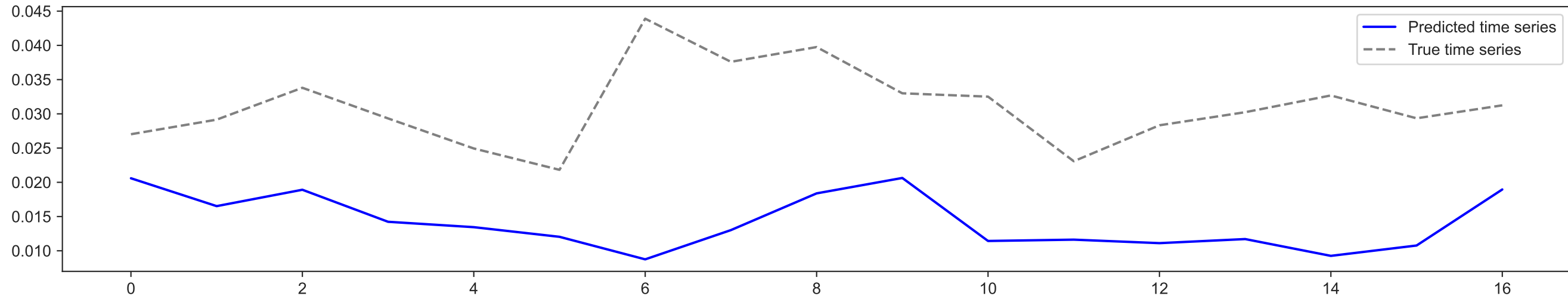
HUM, RMSE =0.004555236460979402



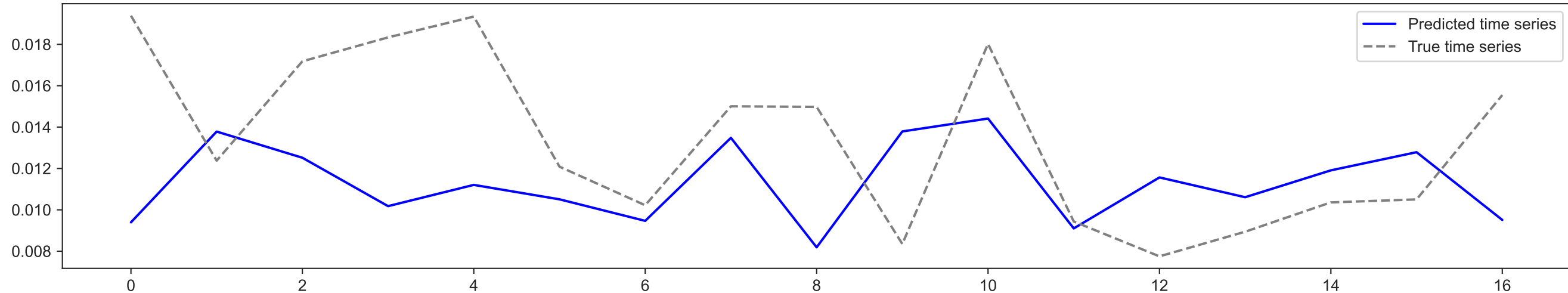
APH, RMSE =0.004688905879963382



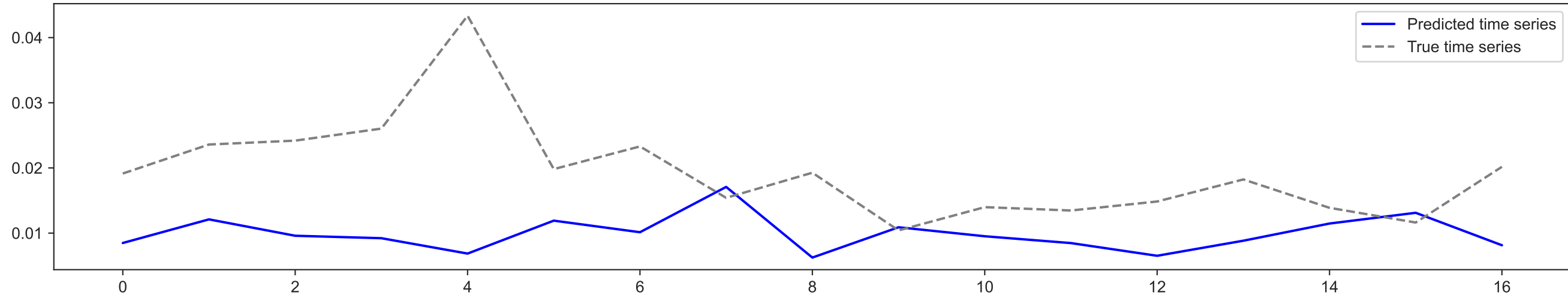
FCX, RMSE =0.01813005337246894



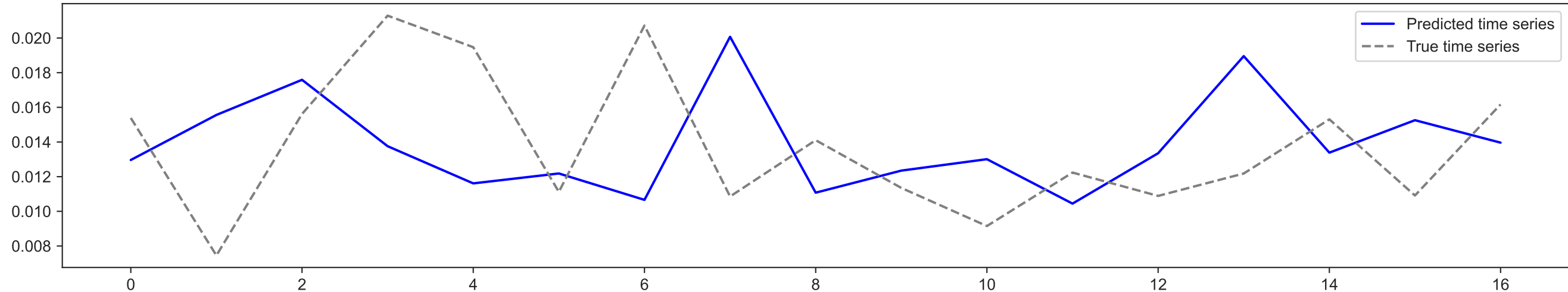
MSI, RMSE =0.0049223400987135025



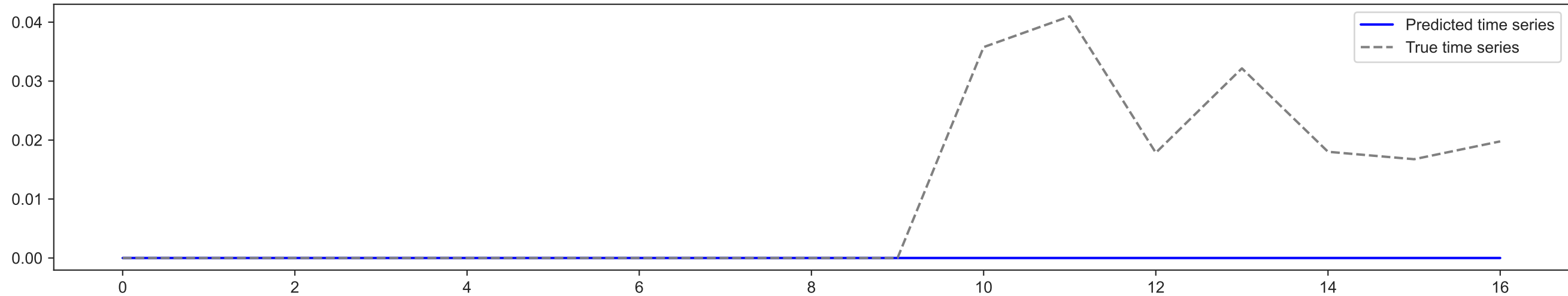
SYY, RMSE =0.012918822538930688



ADM, RMSE =0.005362033958790465

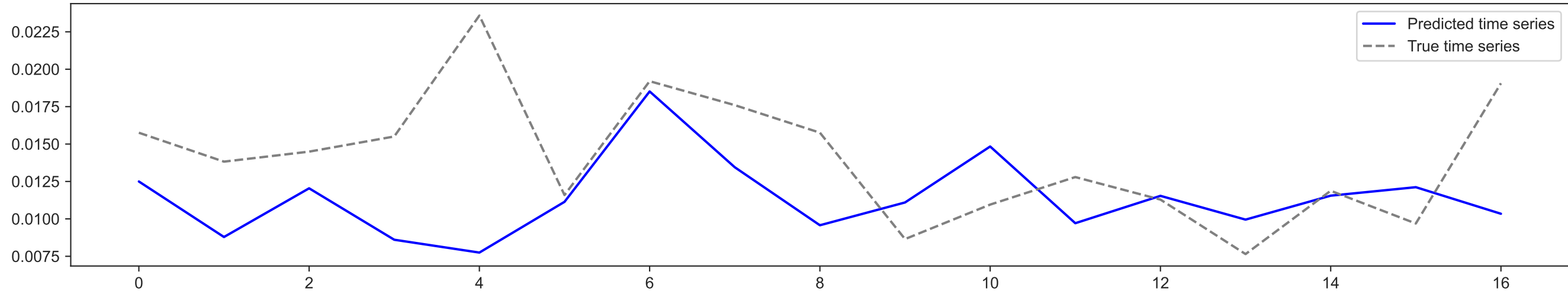


OGN, RMSE =0.0176712625130888

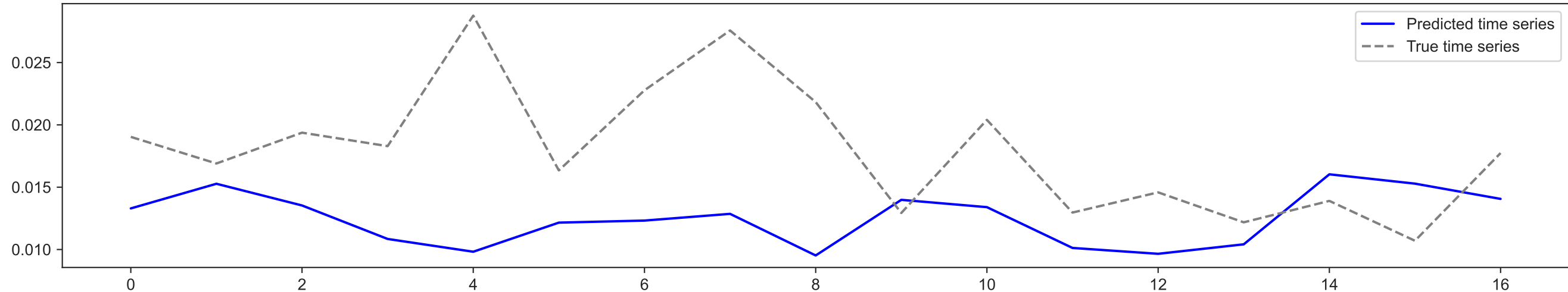




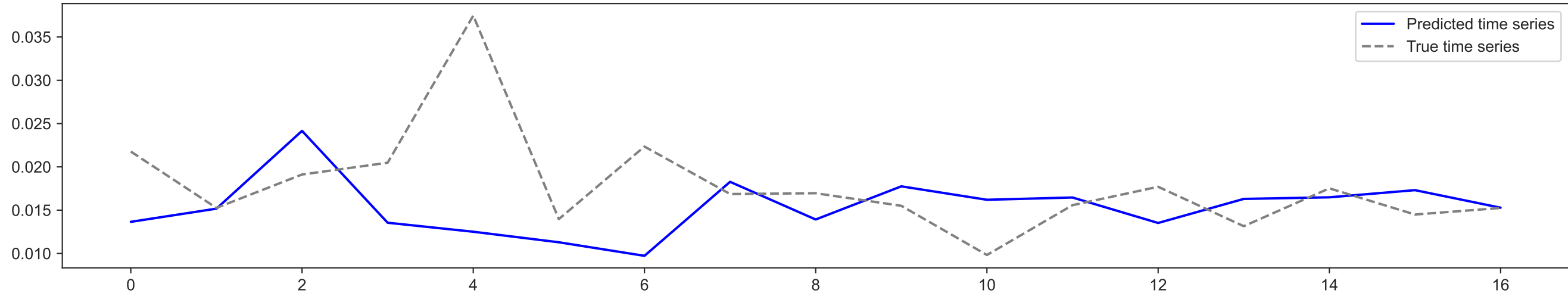
LH, RMSE =0.005501735900705073



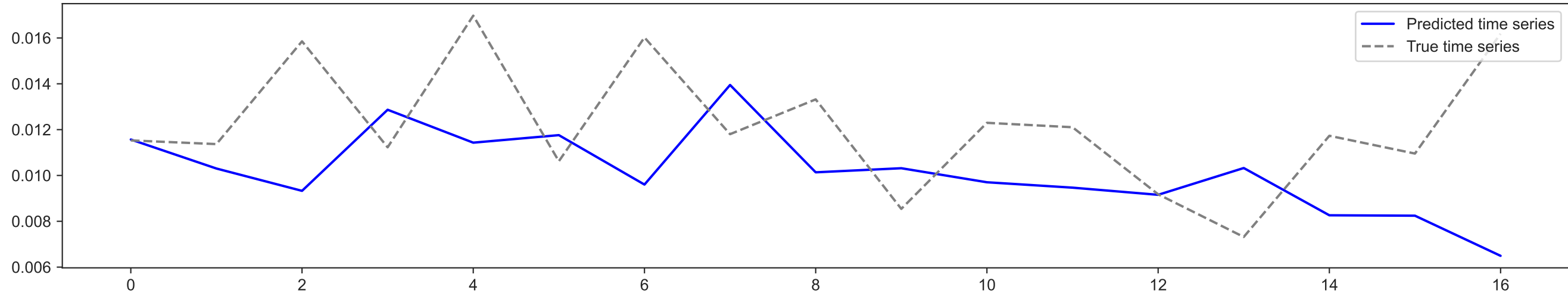
PKI, RMSE =0.008057099829633098



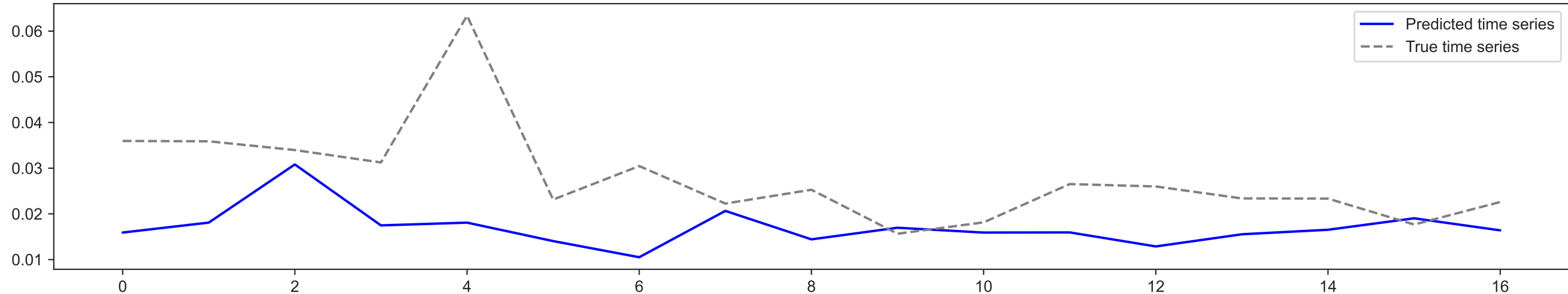
BAC, RMSE =0.007754982352977022



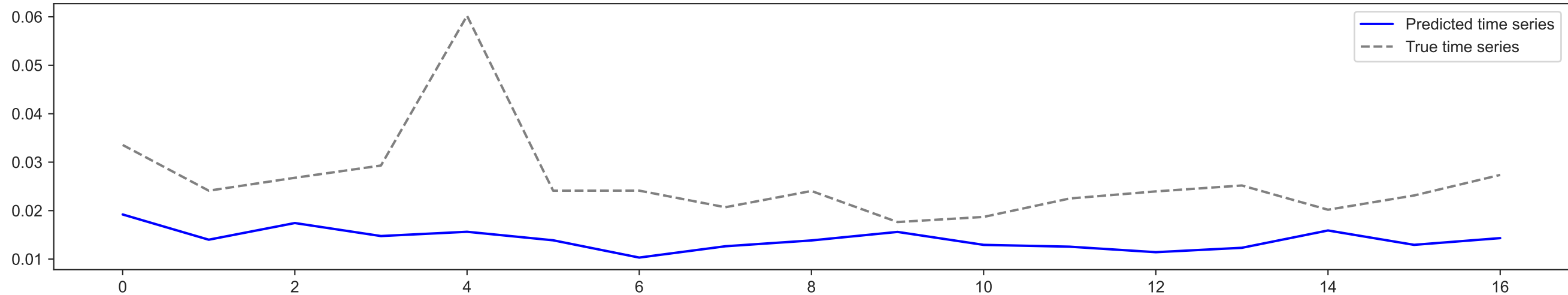
LNT, RMSE =0.004011357037542808



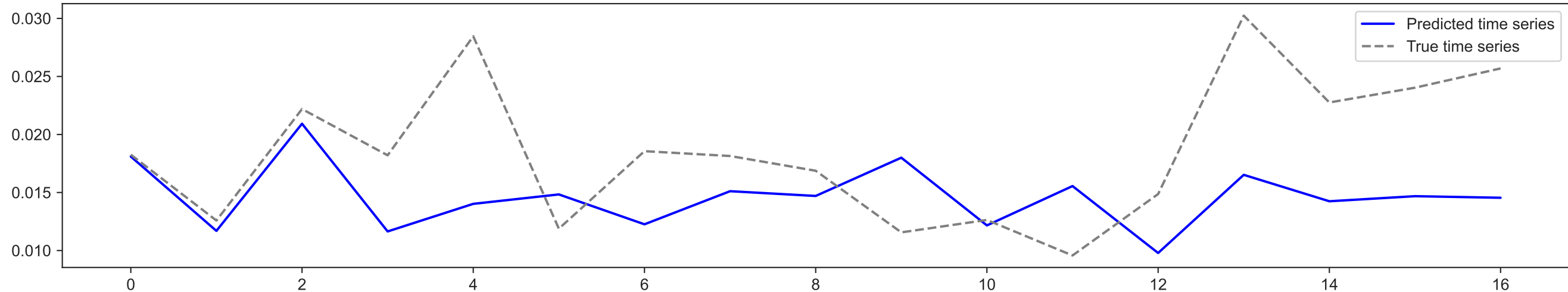
LNC, RMSE =0.015354323469170315



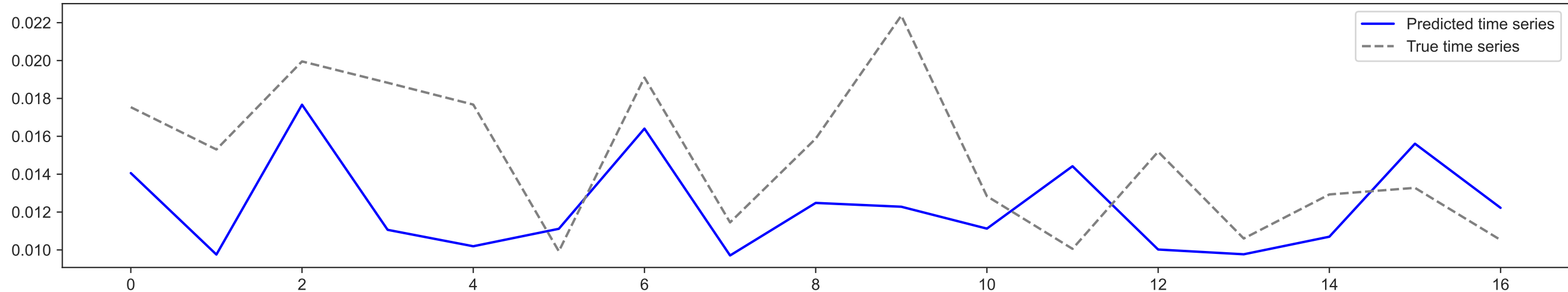
PSX, RMSE =0.014970771024567576



GPN, RMSE =0.007242289417313584

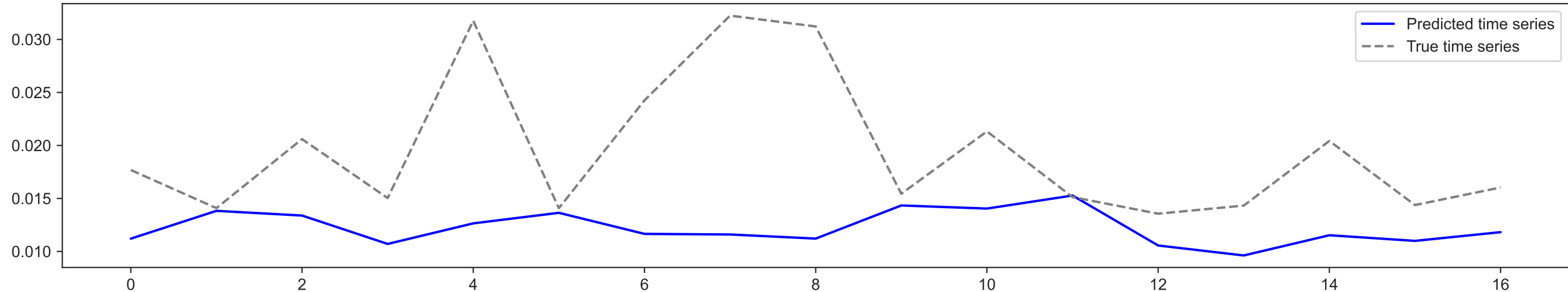


PPG, RMSE =0.004550972678846657

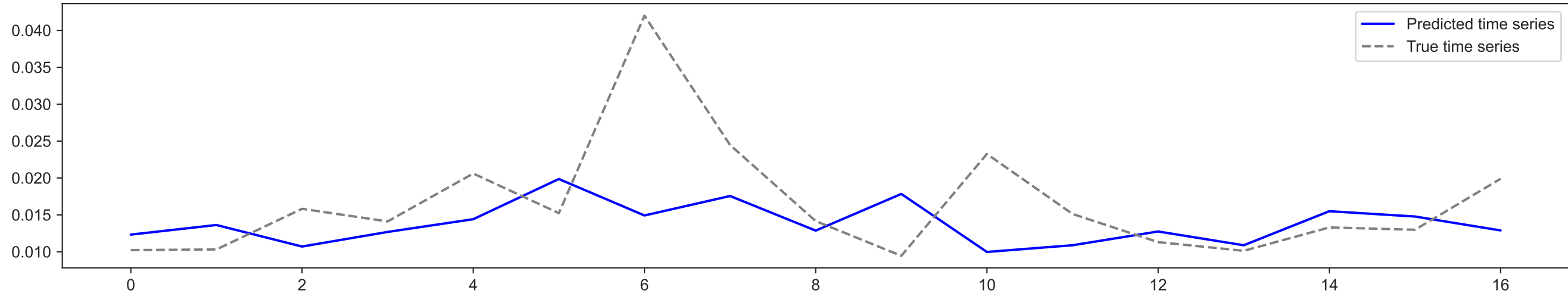




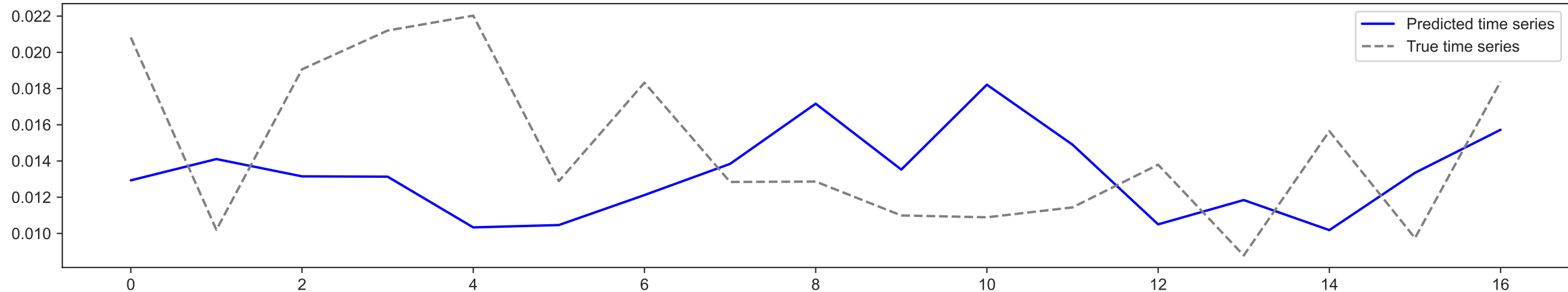
TECH, RMSE =0.00987300304854799



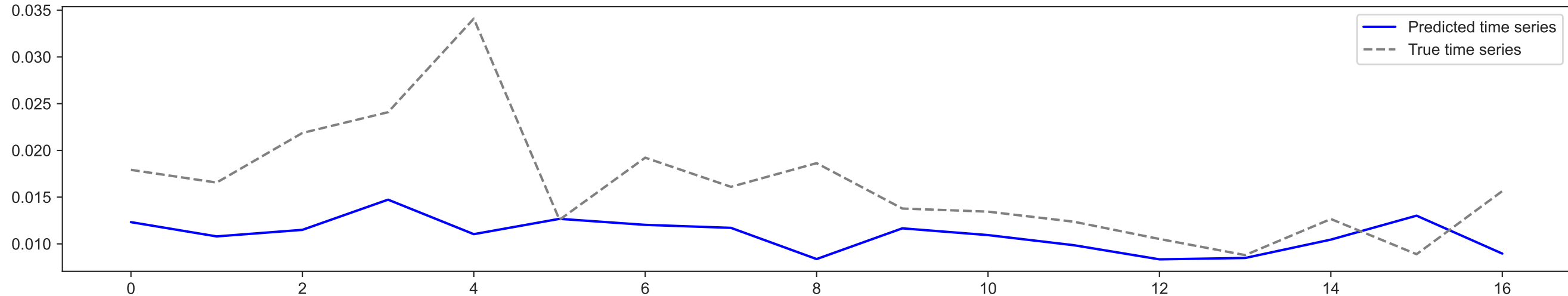
IRM, RMSE =0.008436086776121914



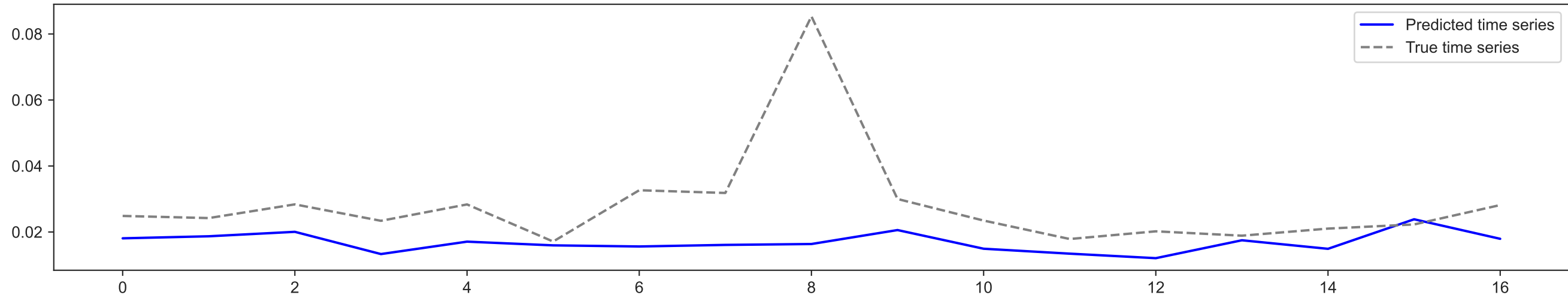
IQV, RMSE =0.005532051124078489



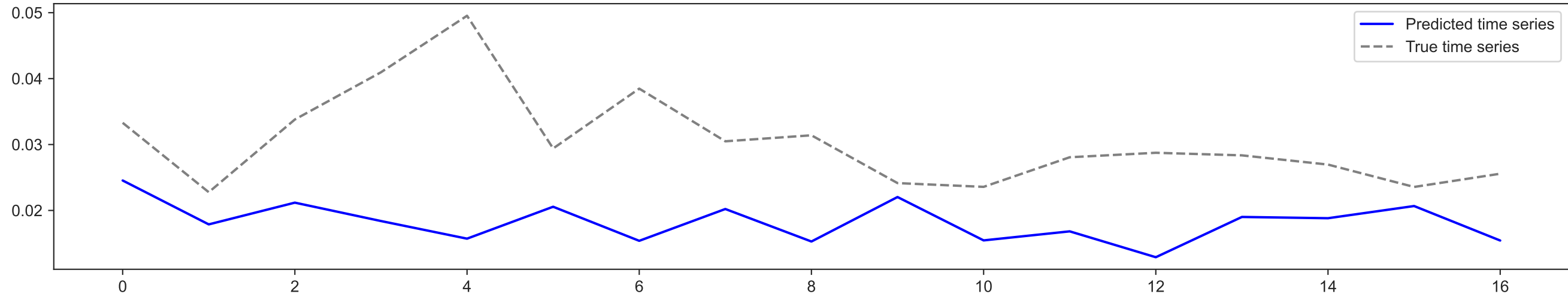
ESS, RMSE =0.007880356149128078



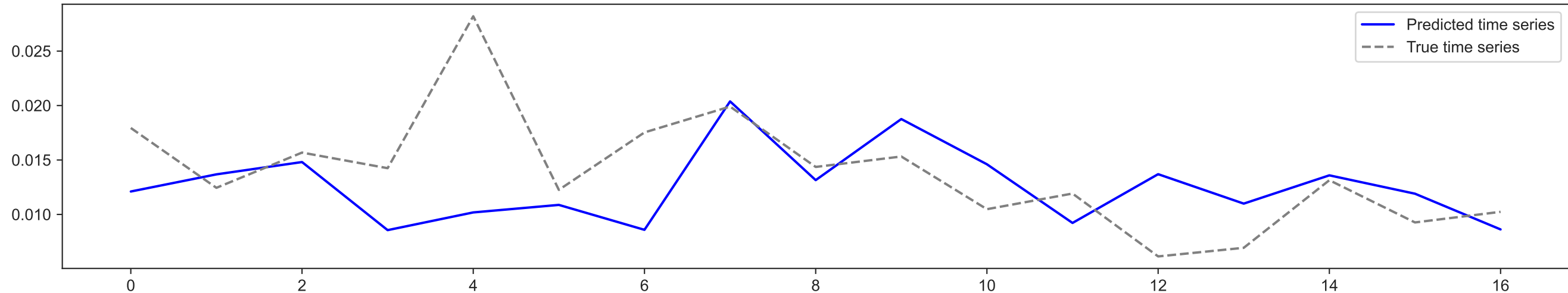
WBD, RMSE =0.01888940338201271



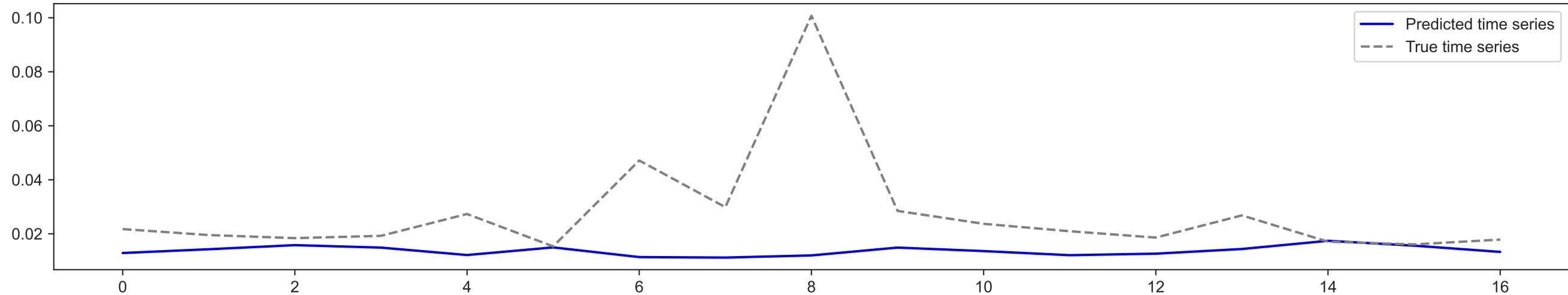
HAL, RMSE =0.014554208843649446



STZ, RMSE =0.005922859191555053

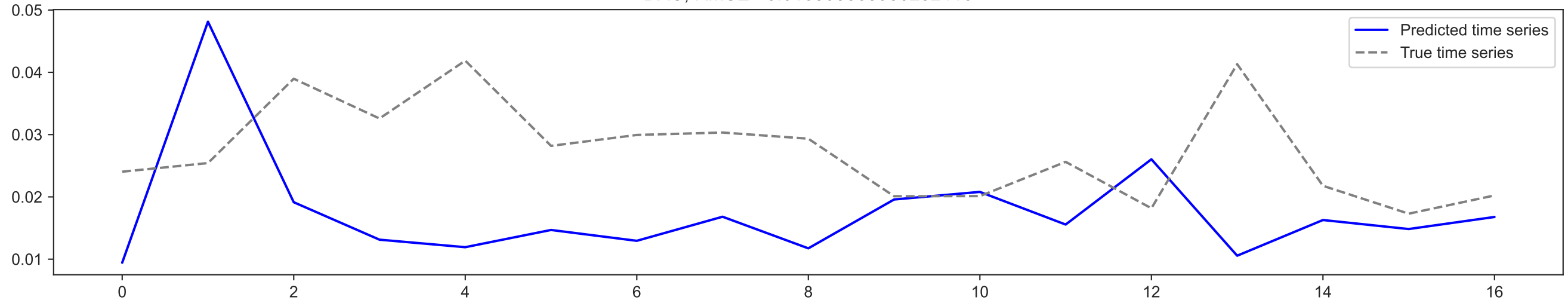


PARA, RMSE =0.024784850229811896

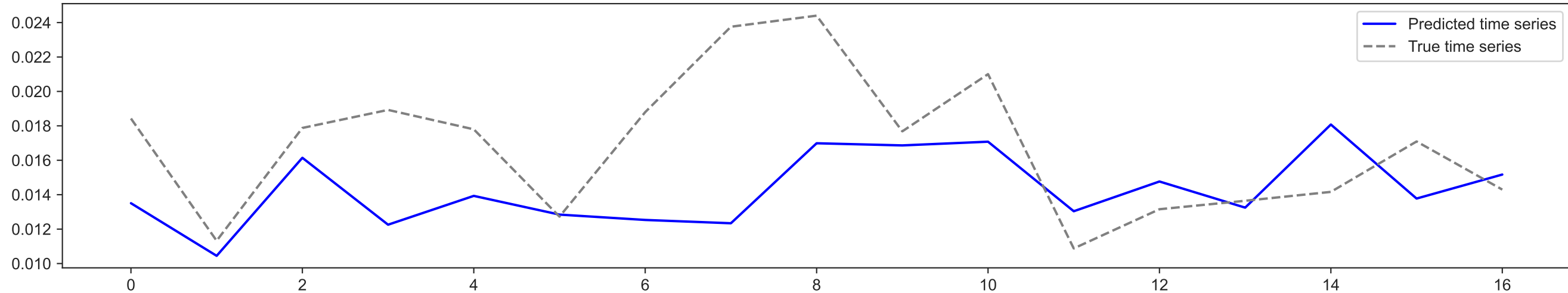




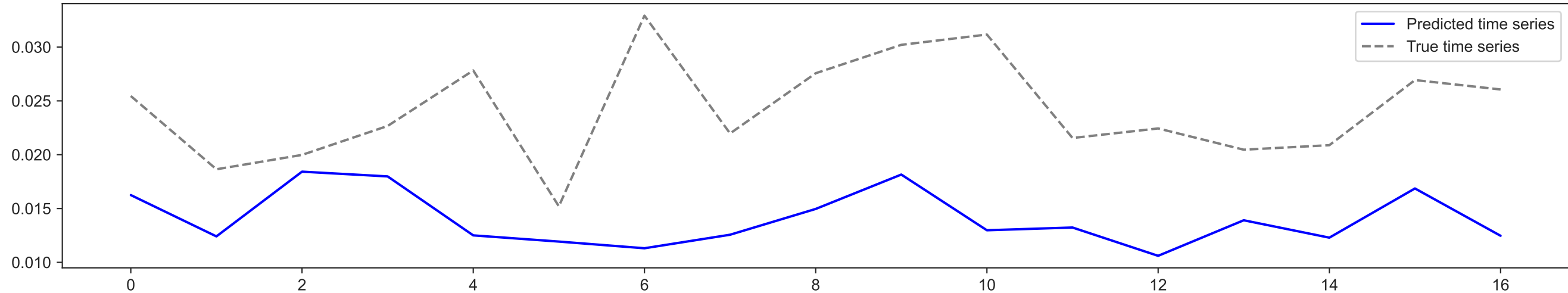
DXC, RMSE =0.016303865950252416



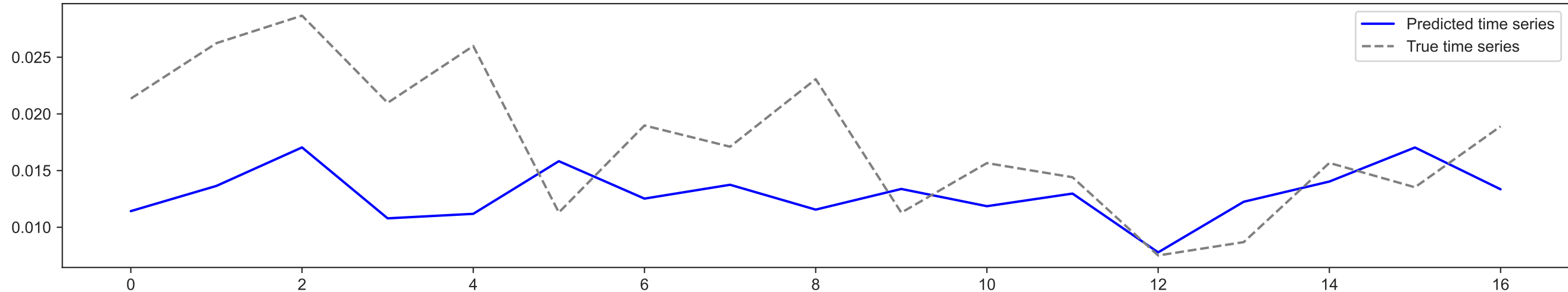
ADI, RMSE =0.004618106367815463



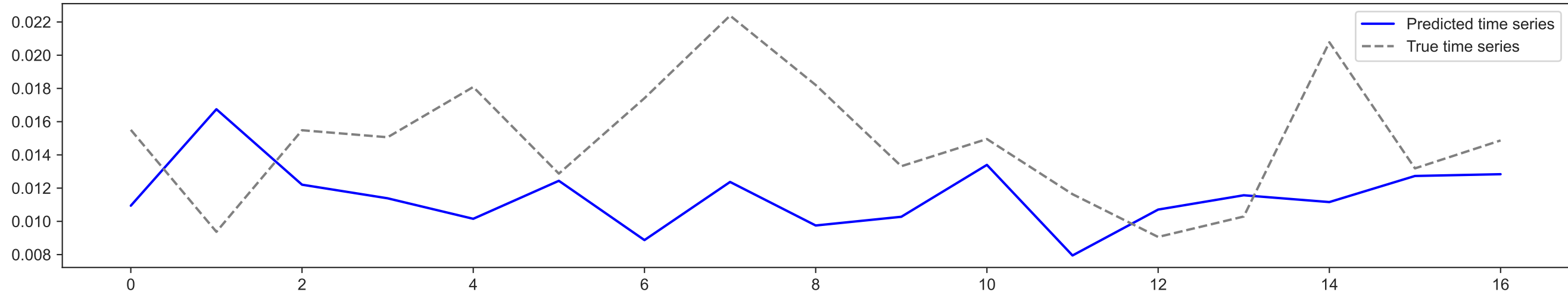
F, RMSE =0.011364978812703791



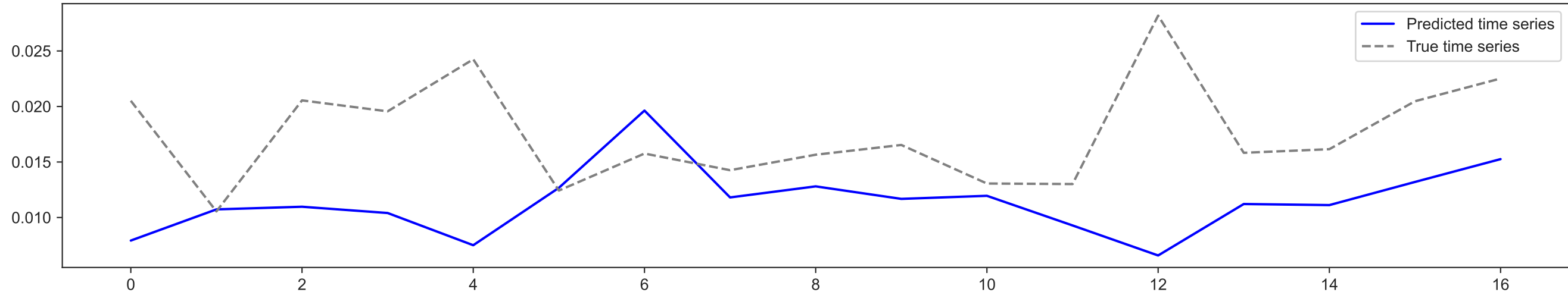
ADBE, RMSE =0.007672637749653968



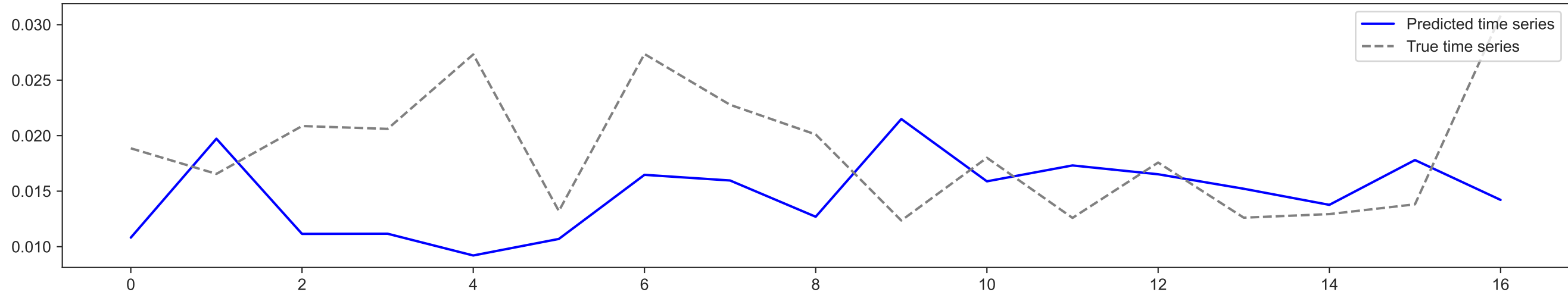
CPRT, RMSE =0.00560355196483556



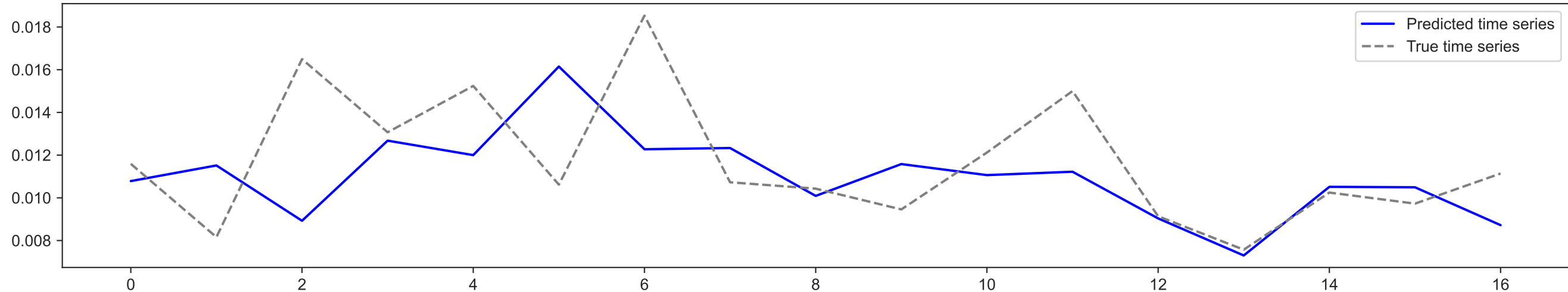
TFX, RMSE =0.008749185510354153



TDG, RMSE =0.008482542866638097

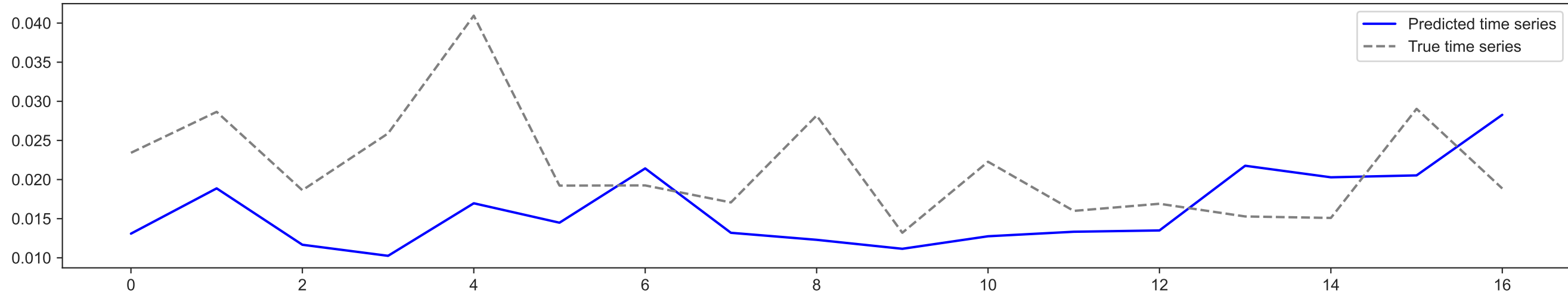


ARE, RMSE =0.0032427073912925006

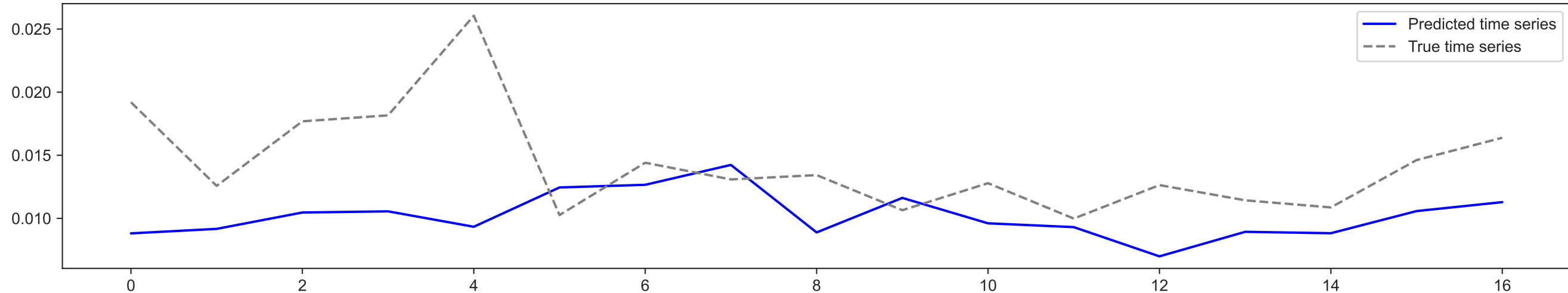




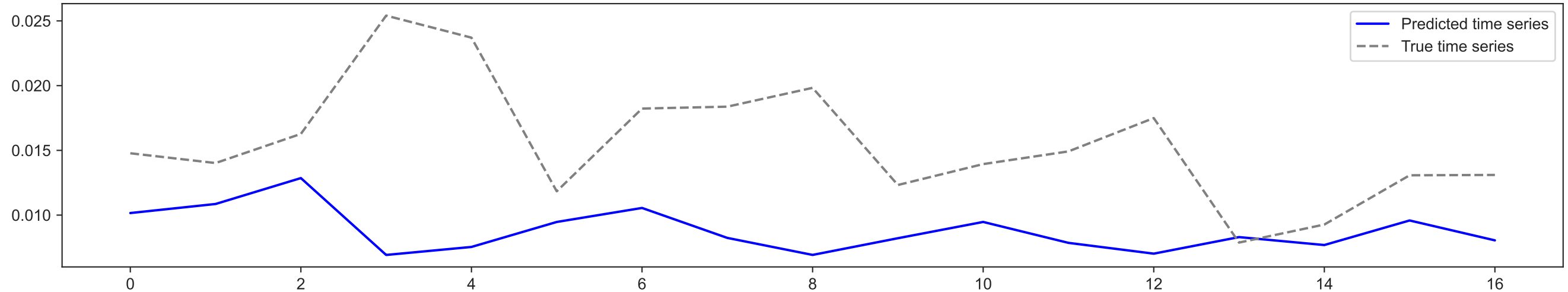
ULTA, RMSE =0.010026624075104695



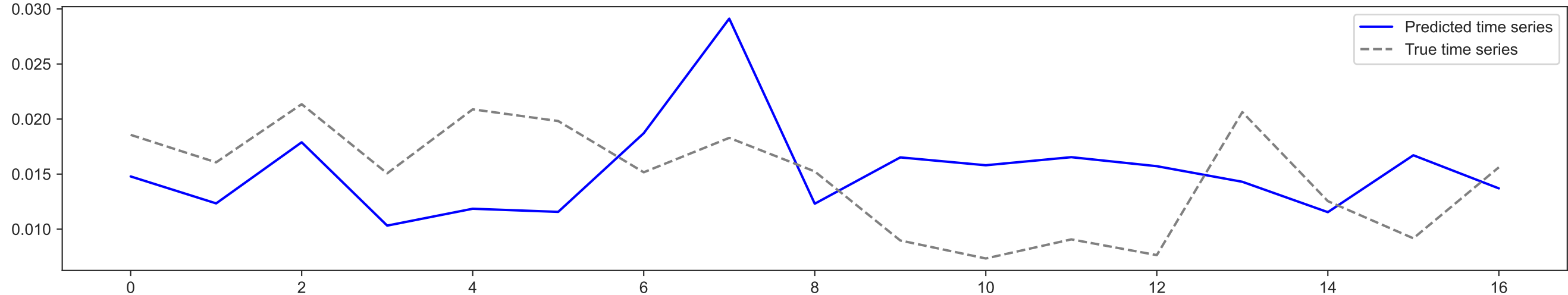
SYK, RMSE =0.0061114398555494375



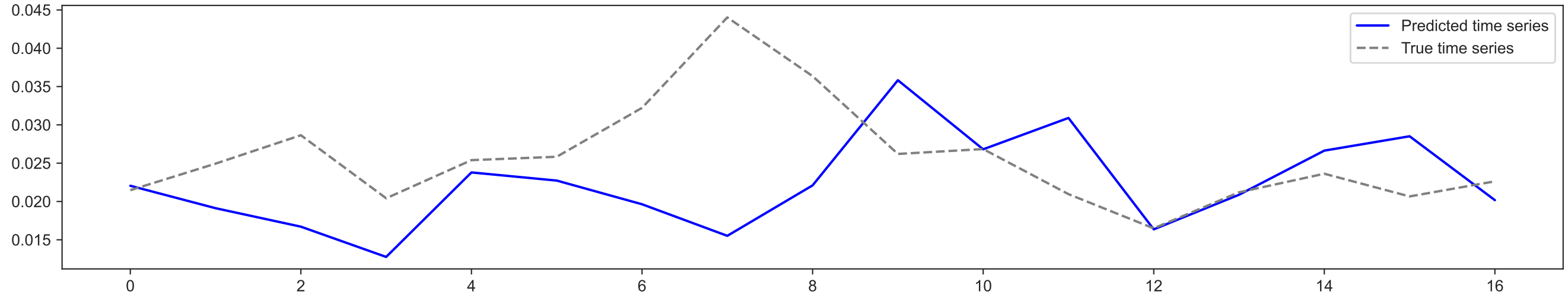
CB, RMSE =0.008460190438472443



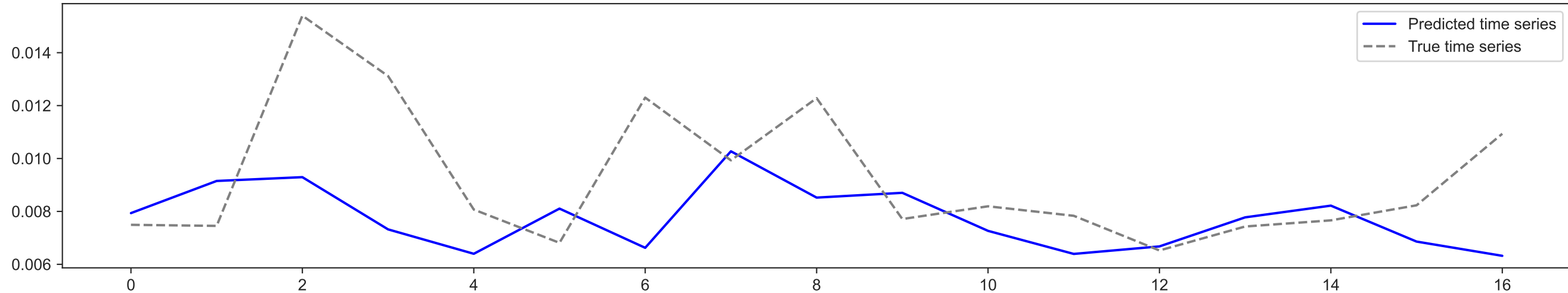
TSN, RMSE =0.006426056042508511



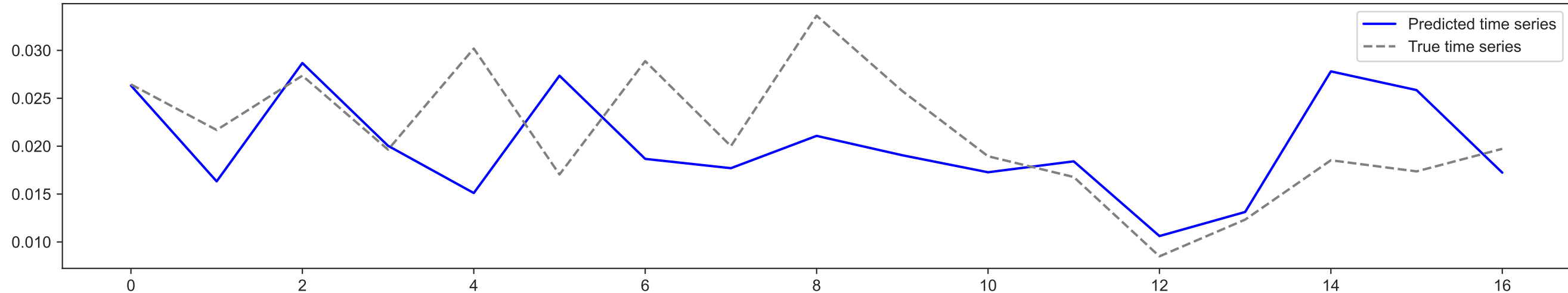
GNRC, RMSE =0.009971769706829536



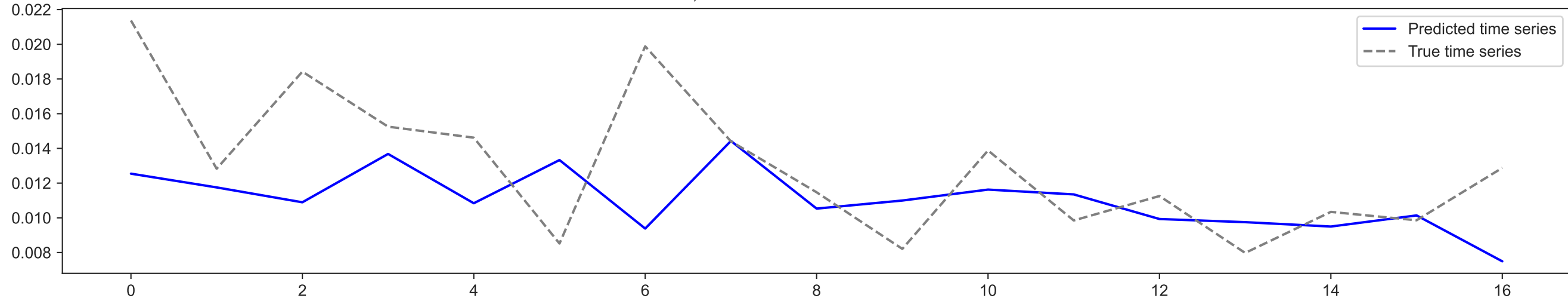
PEP, RMSE =0.0029945612608211023



NOW, RMSE =0.007076229299195597

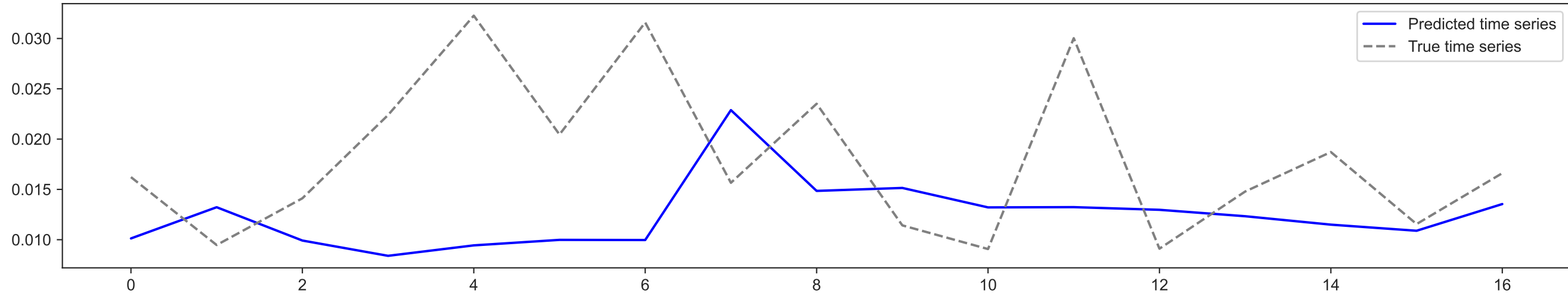


PEG, RMSE =0.004449098717828963

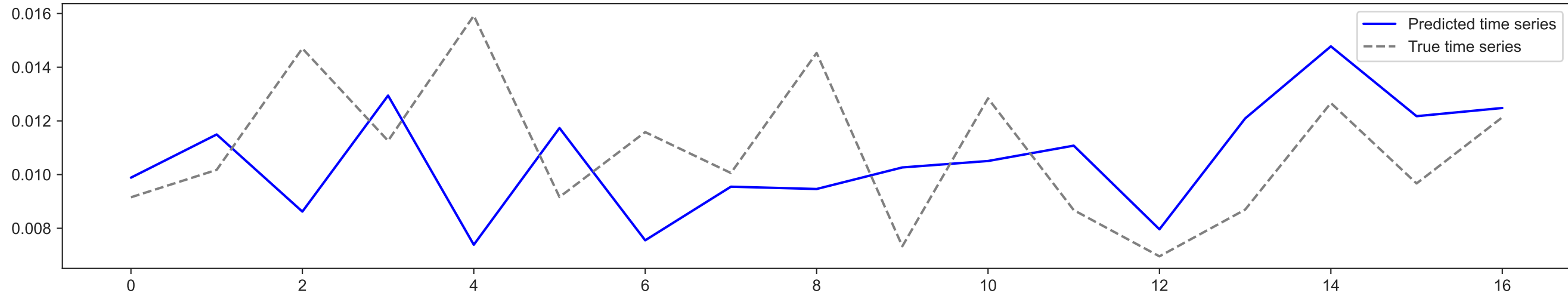




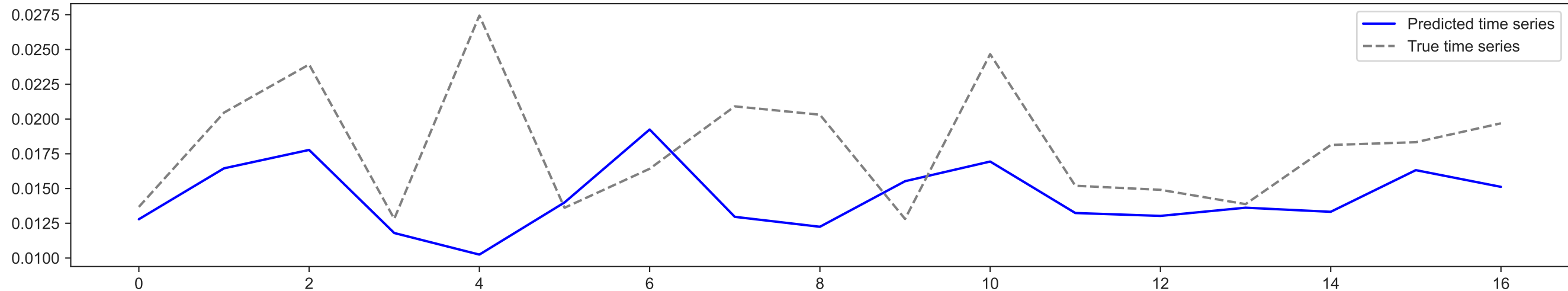
LLY, RMSE =0.010534112661139738



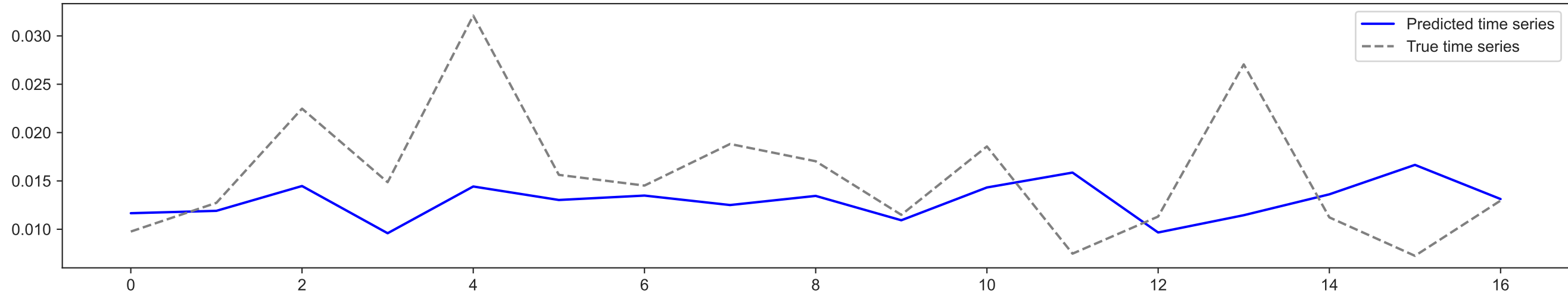
COST, RMSE =0.003489282108212352



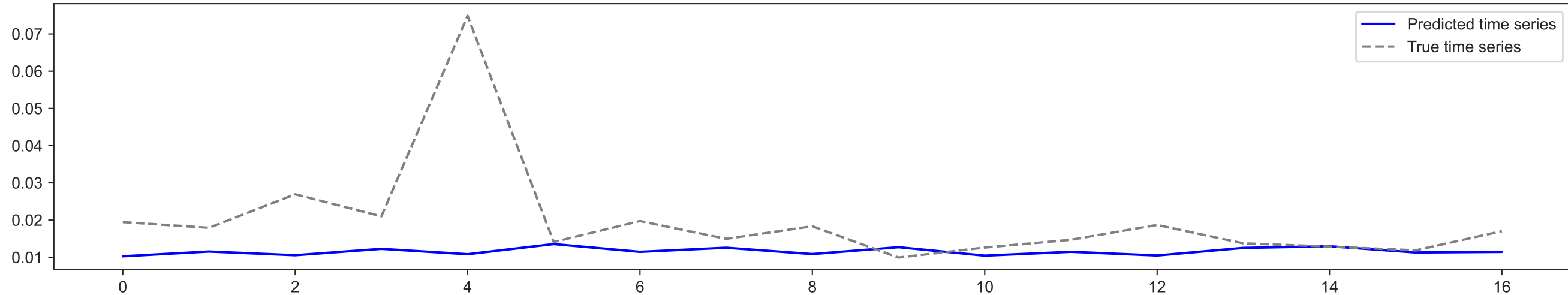
NWS, RMSE =0.0059907087335025035



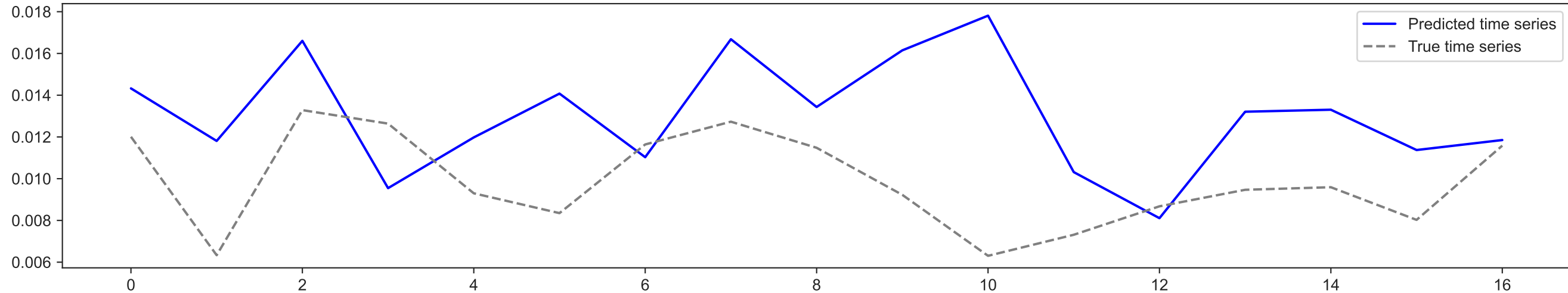
LOW, RMSE =0.0072685703199147815



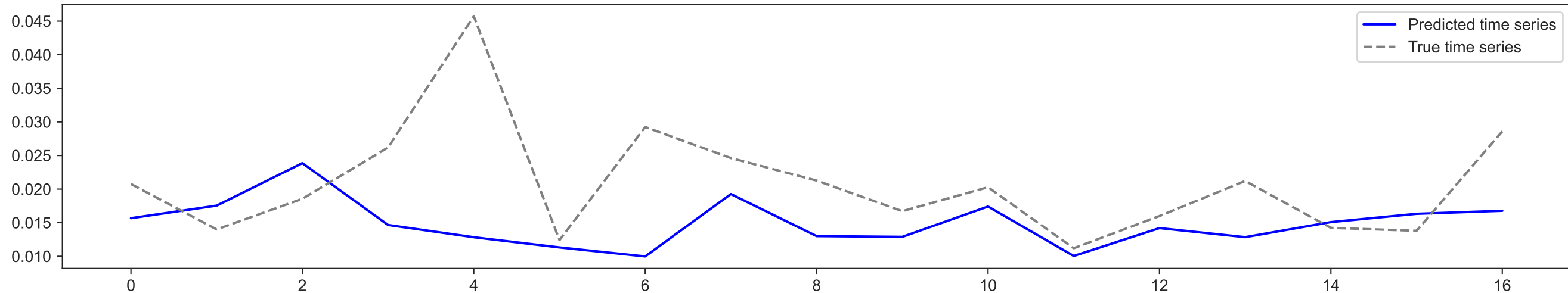
REG, RMSE =0.016838644658970288



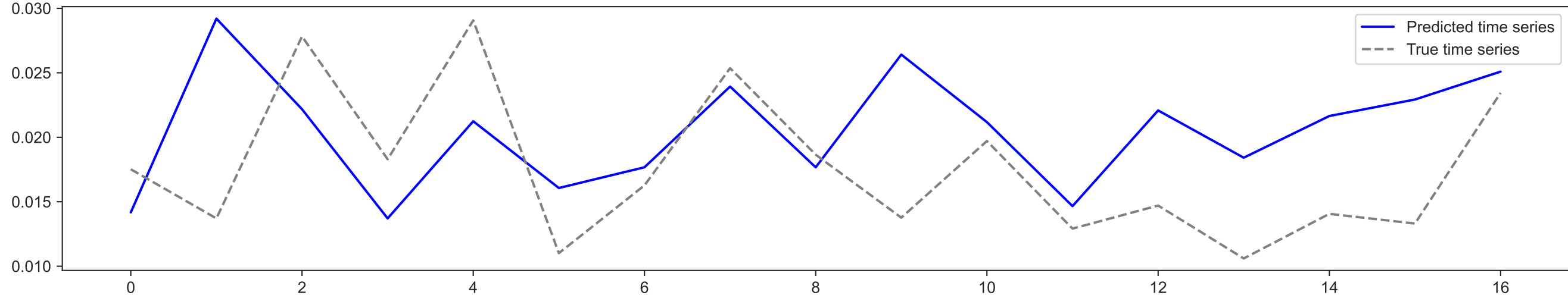
MDLZ, RMSE =0.004500800384978066



BKNG, RMSE =0.01083437995743961

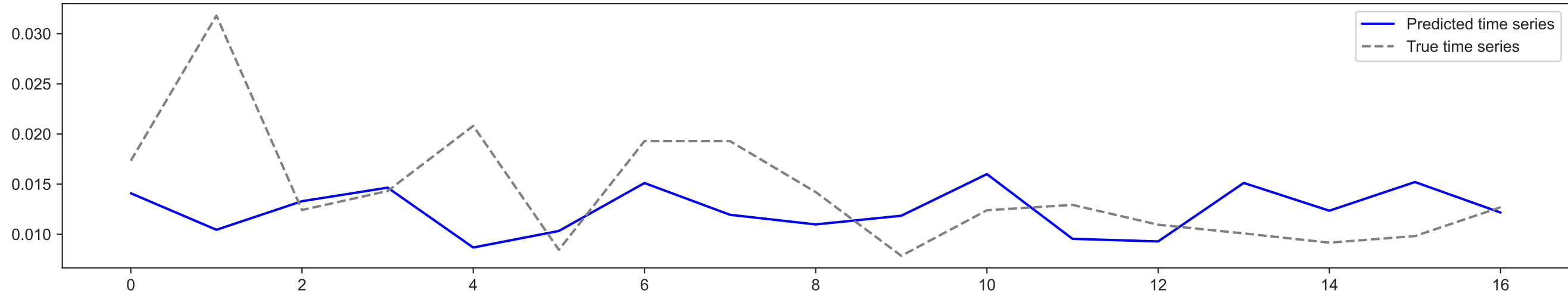


ZBRA, RMSE =0.006985666924966929

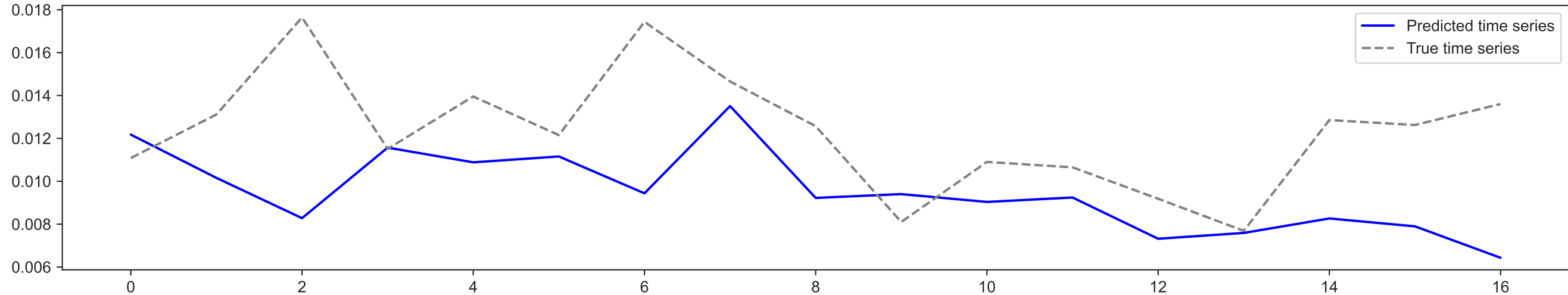




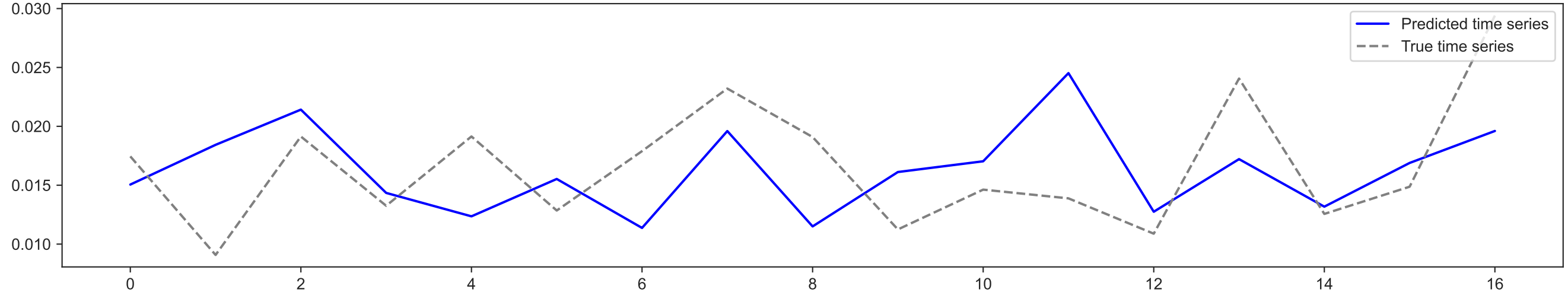
AIZ, RMSE =0.006892899465913621



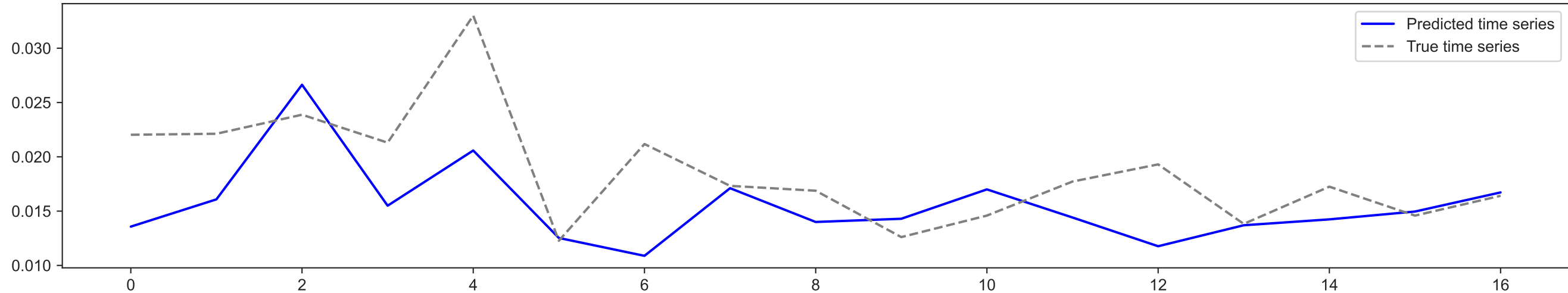
XEL, RMSE =0.004130296018833434



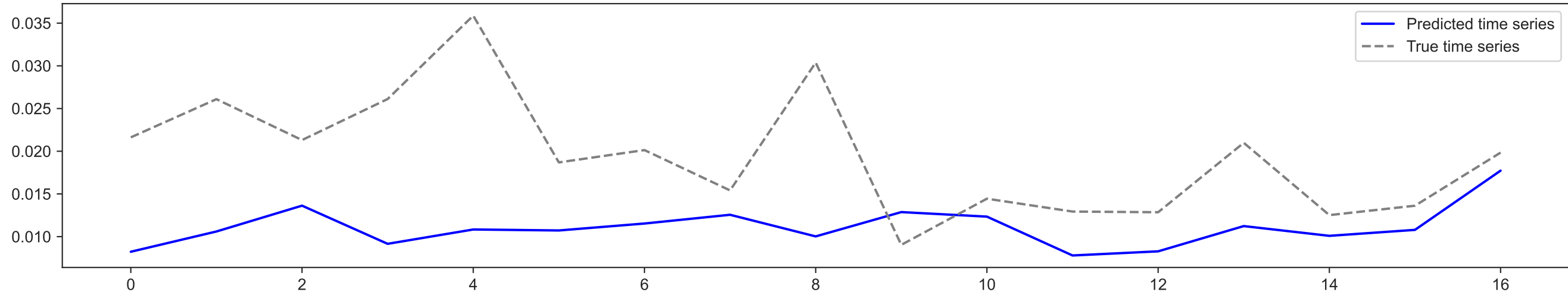
FMC, RMSE =0.005735462377334528



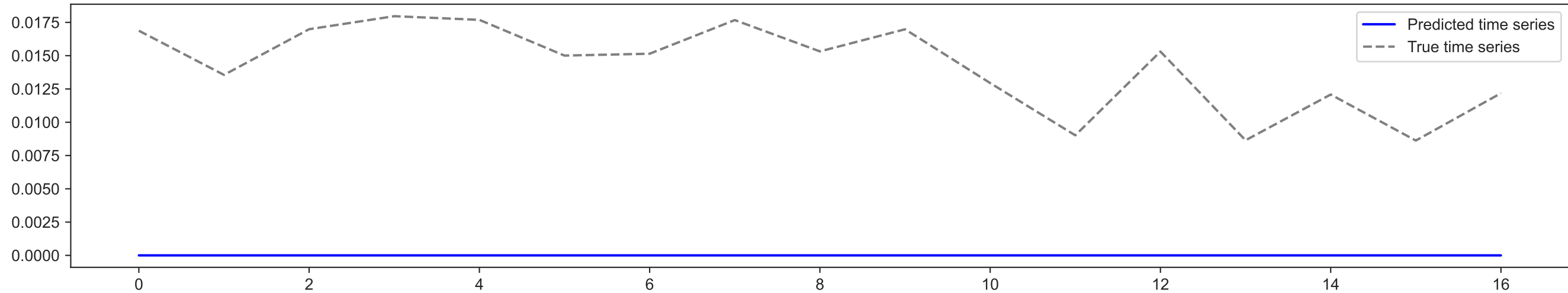
MET, RMSE =0.005442320333297883



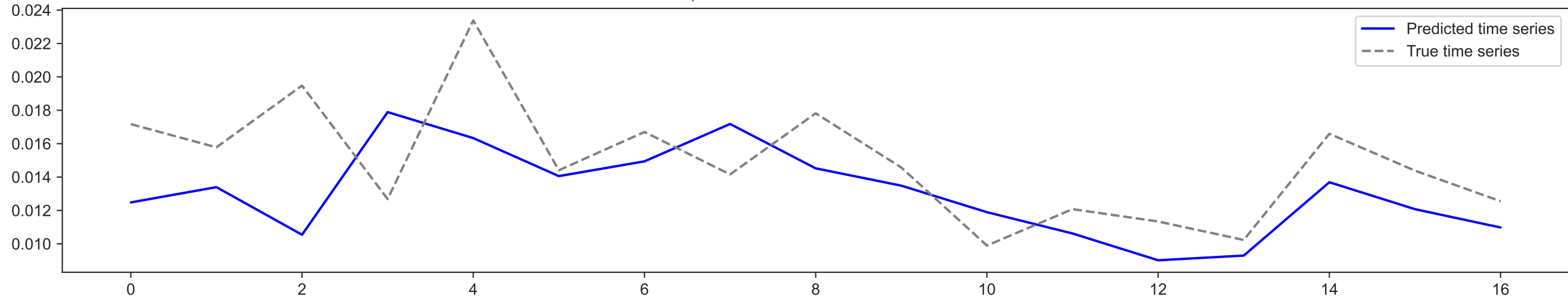
XRAY, RMSE =0.01120127420610525



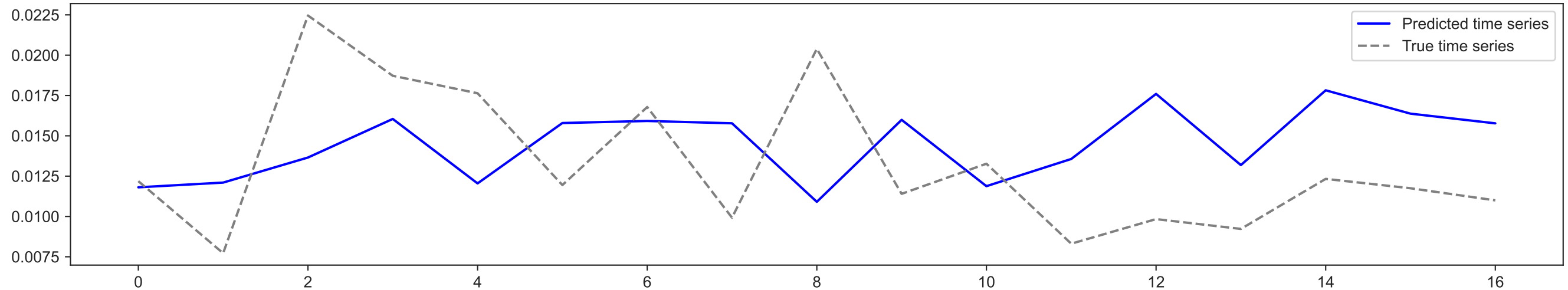
FTV, RMSE =0.014572213341144266



DLR, RMSE =0.003737050206874709

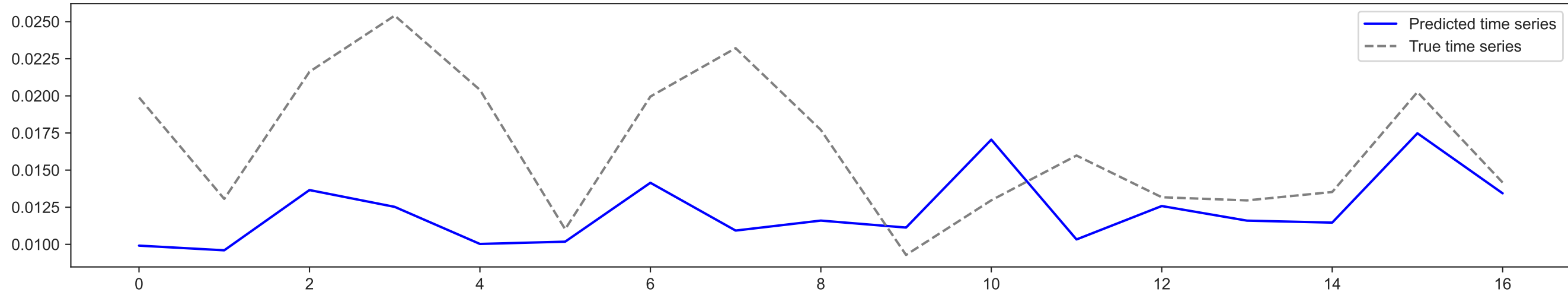


FAST, RMSE =0.005291610249784693

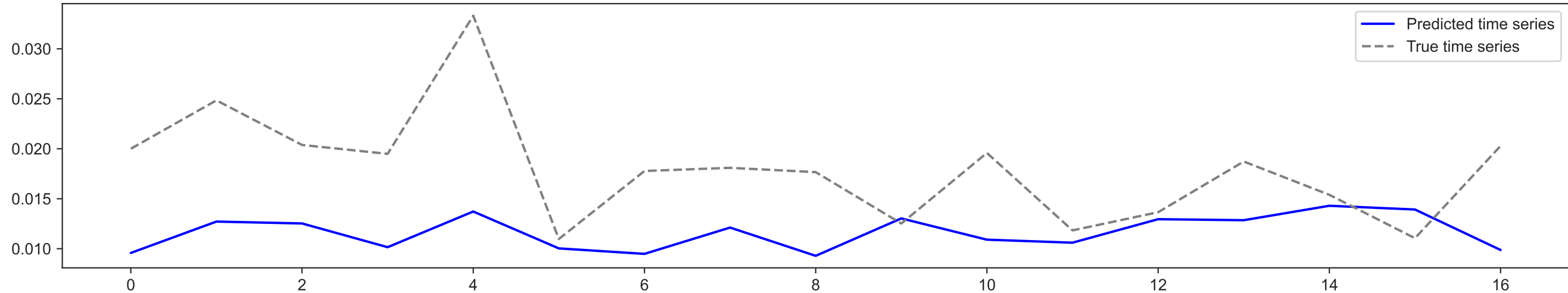




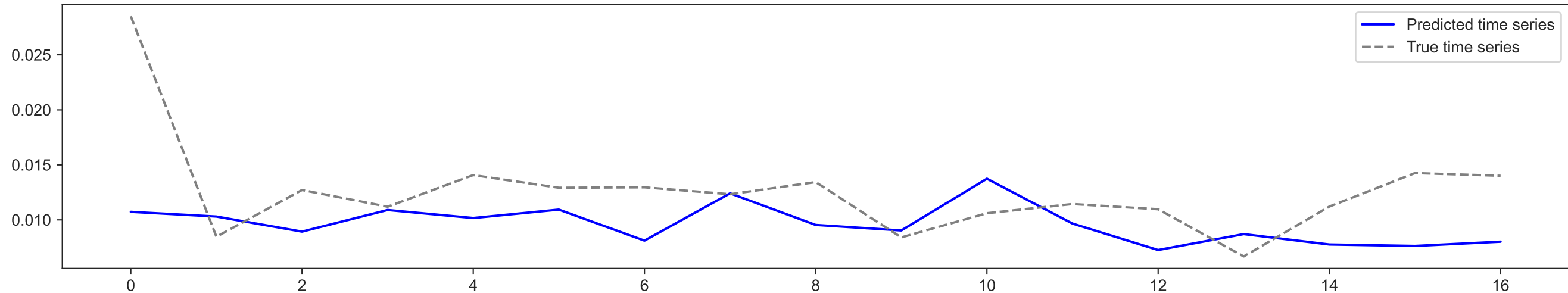
SNA, RMSE =0.0065879417004377555



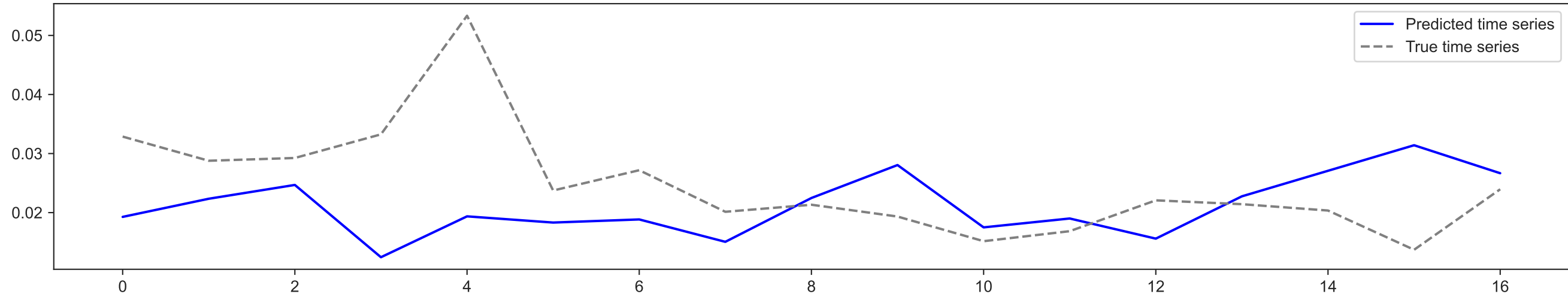
TJX, RMSE =0.008381542511798243



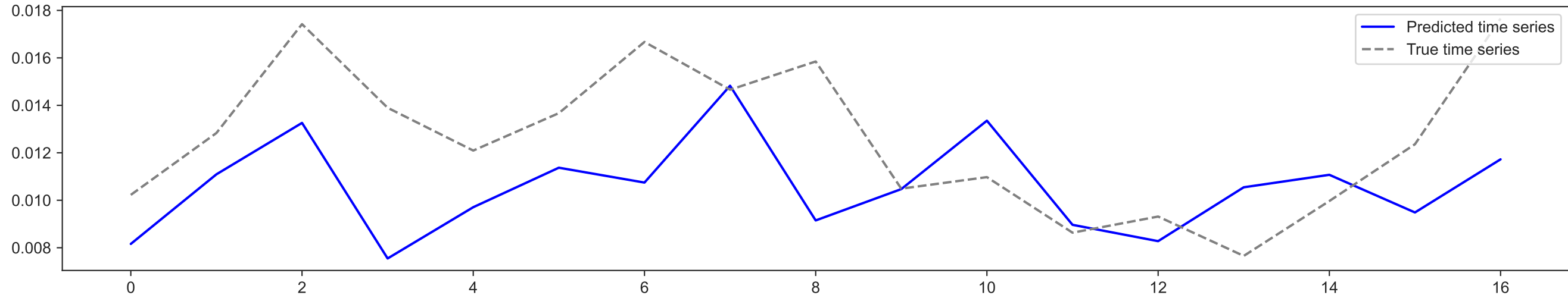
D, RMSE =0.005499960942050361



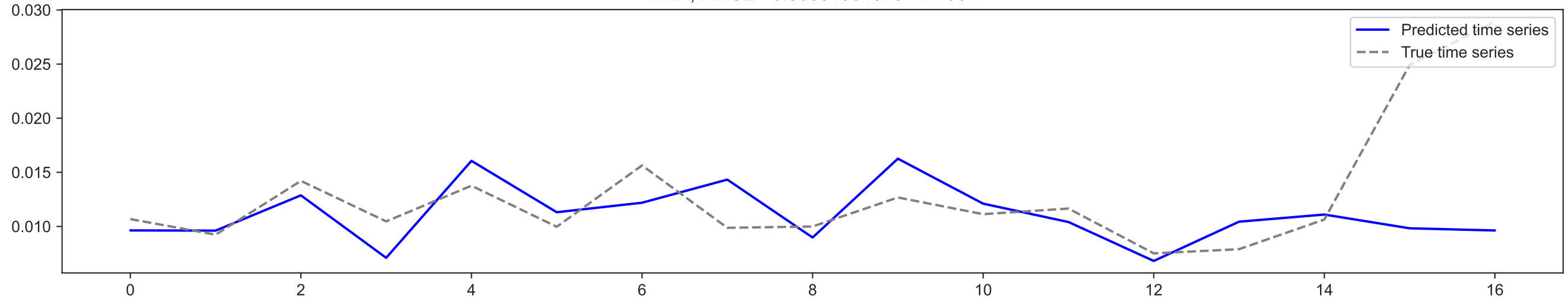
MPC, RMSE =0.0120193864797935



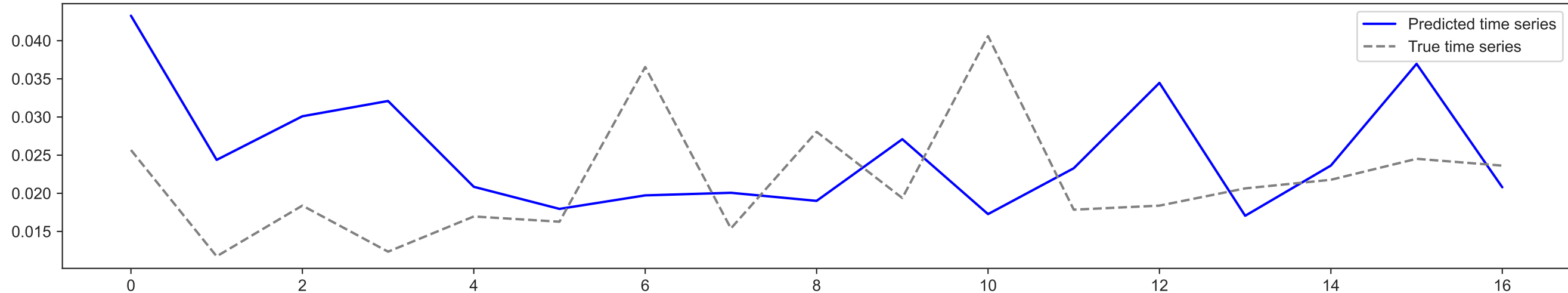
BR, RMSE =0.0035626729840926873



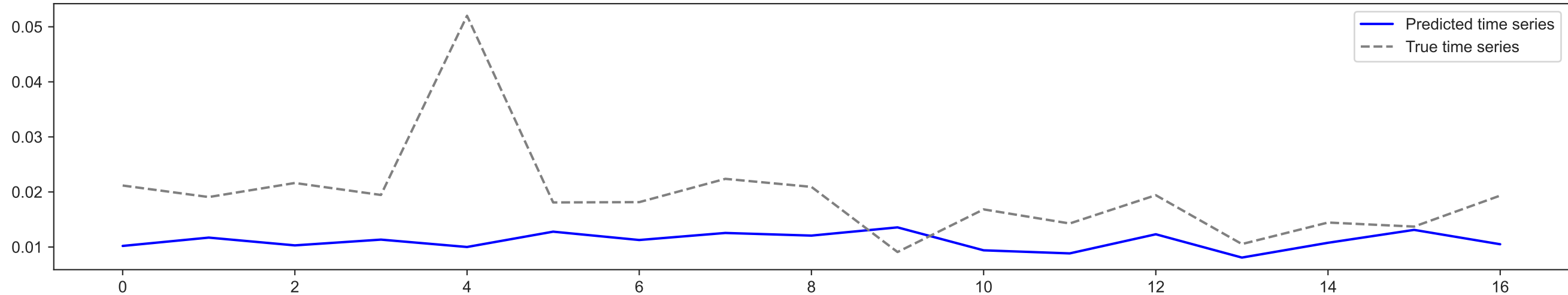
MRK, RMSE =0.006310518737471664



STX, RMSE =0.012060771967523027

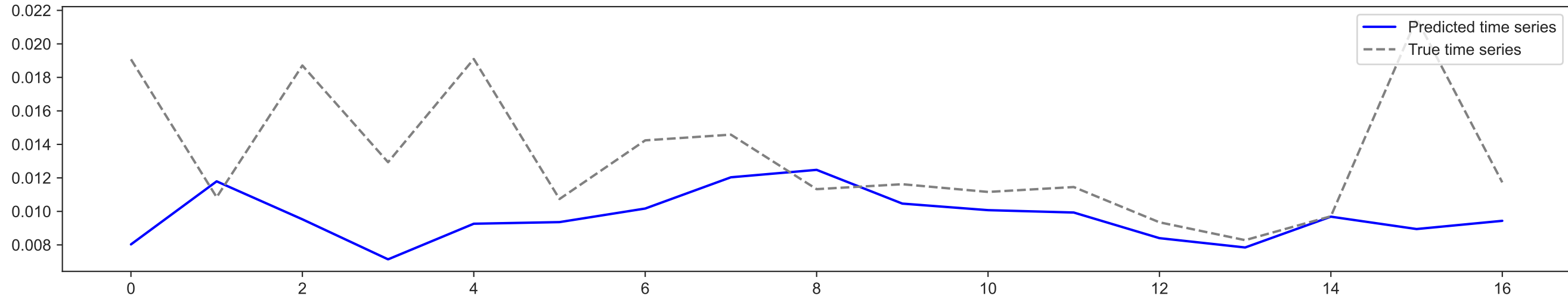


BXP, RMSE =0.012452366704803066

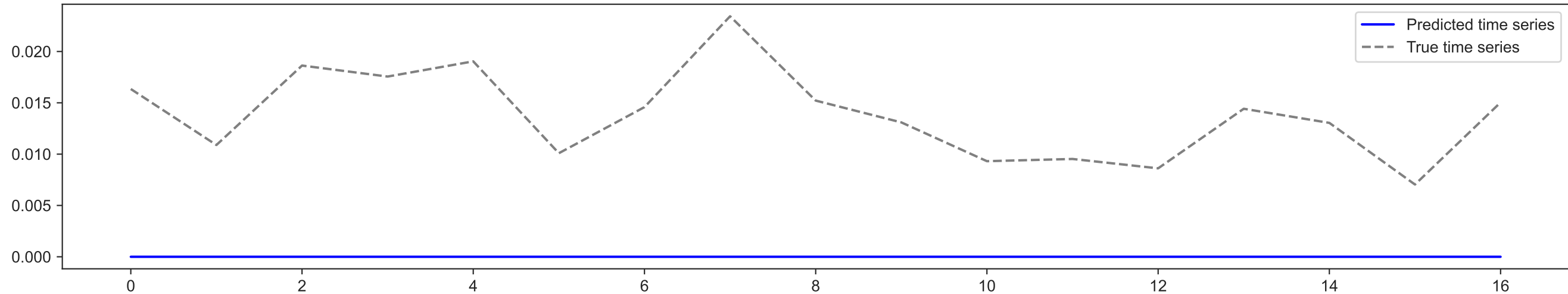




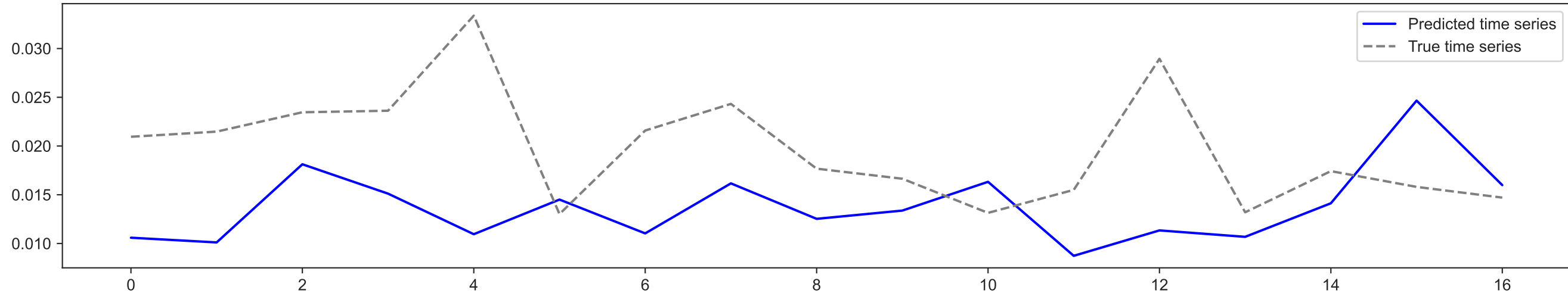
NOC, RMSE =0.005598657054821178



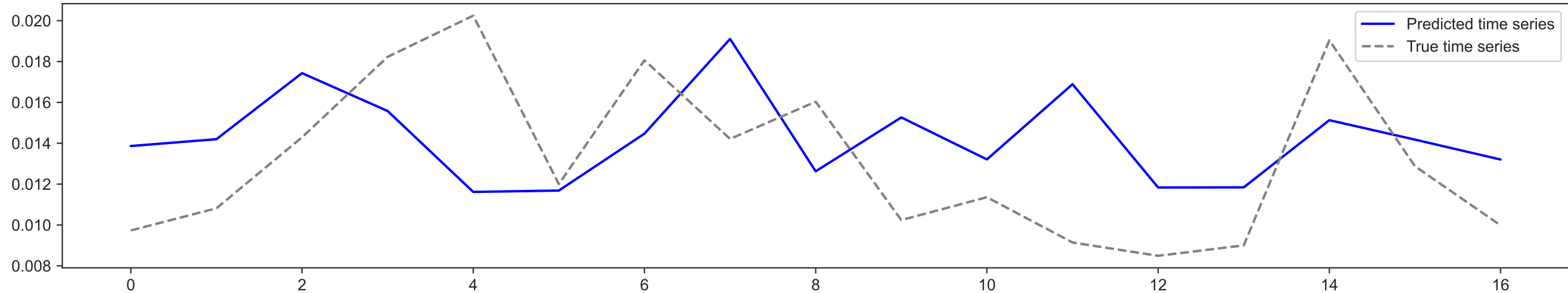
KHC, RMSE =0.014503171188113272



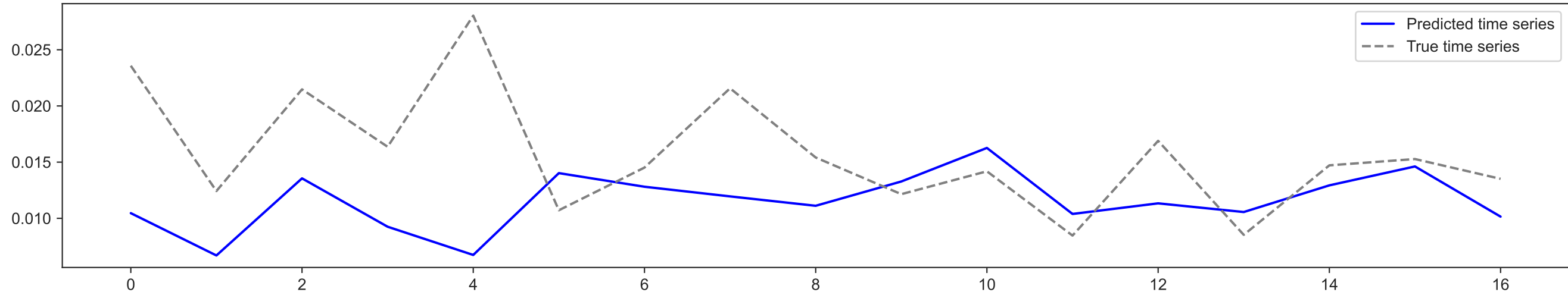
IPG, RMSE =0.009457139407534267



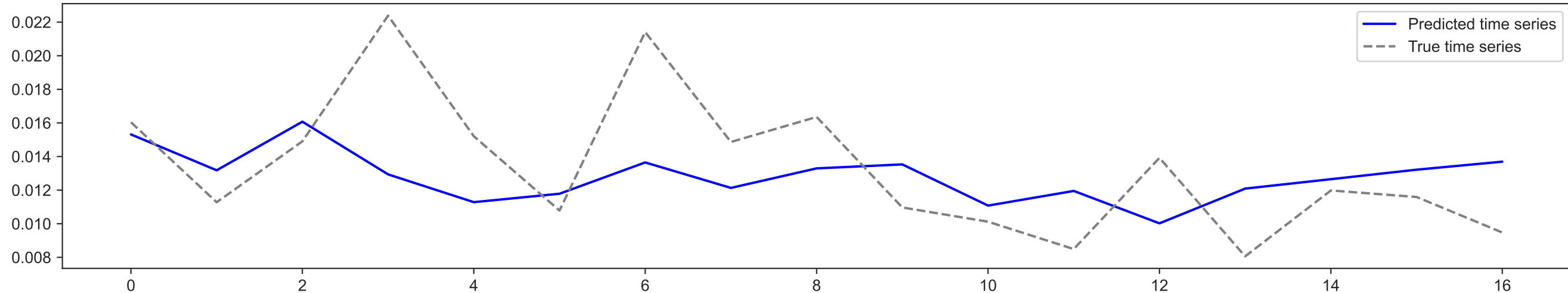
ABBV, RMSE =0.004226763037251826



ALLE, RMSE =0.007498832155257971



UNP, RMSE =0.003910075456111906



CDAY, RMSE =0.02519597148750342

