

Best: K= 5

Lambda_u = 10

Lambda_v = 10

K_arr = [5,10,20]

lambda_u_arr = [0.01, 0.1, 1, 10]

lambda_v_arr = [0.01, 0.1, 1, 10]

4.353206164622462

3.9132306791607556

3.8261046375477576

3.7818170429082016

3.760185692567561

4.299262433907983

4.318184083341249

3.875911226806109

3.811309791472032

3.7784765591415685

3.7509644980582952

4.29085865905666

4.296222311450233

3.874818681052865

3.800805222995651

3.765732025105863

3.7457438762772326

4.284393691092747

4.371374234818314

3.9024459208447118

3.8076992309074598

3.7744700294703697

3.7597314097016086

4.300462618065946

4.249765882331787
3.902586076879537
3.846553512093351
3.8124369629368364
3.780636505706306

4.286455133926474

4.1963499924626895
3.894974432874396
3.825774436916572
3.7763670454398786
3.7512363870054974

4.246404681501262

4.282031203416093
3.8760031081346944
3.7979048536017115
3.7561150217446952
3.734106340975039

4.241585507346572

4.2453684276025765
3.909129033303527
3.8298519927607924
3.788486736709666
3.7692173166664924

4.277136416387567

4.397971357652775
3.9217244211466693
3.8531496690323532
3.816132837932055
3.7930661739695424

4.277208006305892

4.4970312288540075

3.9429256407854623

3.8302671798023824

3.776681071192181

3.7525041531980583

4.229198022308987

4.522746518720061

3.9503409539677805

3.829804196656372

3.791533746546949

3.7662372875185977

4.2516532804933584

4.4001316247920865

3.901138709363517

3.80887269234255

3.769161695070555

3.7487931257989193

4.218077600648431

4.661957453757457

3.8895537162597766

3.8221670052421546

3.7774359344565993

3.748315293412204

4.234746947664344

4.58874921967168

3.883864736068751

3.806444613566871
3.7704188096192737
3.7546594370347632

4.223708816062246

4.66366096086126
3.9164325582701105
3.8421800290040213
3.79715930116479
3.7709659601808063

4.272021250984023

4.629564253718729
3.863259566852795
3.781165467542488
3.7455668082354863
3.731014782237982

4.210256207421724

3.946686592874489
3.5497355570379963
3.4538434358775167
3.4045844360584643
3.3745095783642687

4.601848337300565

4.0061702675822515
3.5660868160148587
3.4599789869168385
3.4059341580715157
3.3755439096259168

4.591680399657447

3.9193665576862675
3.581218491626189
3.4792299908849005
3.4175591833818664
3.380282246475933

4.605537940966909

3.869334261227304
3.5451356913793273
3.4536745463189478
3.4086870767628197
3.382711319844951

4.61633217155574

3.9791926631967747
3.5720749809566117
3.4713079253529746
3.418122958278479
3.3866186491974037

4.466555155362913

3.801044053169161
3.550883730497603
3.458657044385295
3.4069421321180853
3.3771405960930956

4.438546640056903

3.900752469589887
3.5645118147730828
3.4638715596929215
3.4093937500909304
3.3771003463168037

4.459828948077292

3.9825075539767143
3.5830048385573123
3.475324633434534
3.418781279413764
3.385607409916331

4.448313639095544

4.030654827851994
3.6006732567801856
3.4837786398295383
3.4251475148943897
3.391502985027952

4.384044638236605

4.16445871897205
3.5696071123776396
3.4540027760754595
3.4022235658984297
3.3733598898981474

4.358515799148011

4.142203162114381
3.607265116184713
3.4885341981199542
3.4306629477684747
3.39917042459341

4.392923288705178

4.191709519360308
3.593884018512113
3.4628974208723946
3.400252439500251
3.3683684510671346

4.3530426993762985

4.521040087772815
3.5491183789902365
3.451463917124907
3.4030032993034145
3.3761847494939508

4.356502437323608

4.43809572718489
3.604756413848518
3.5009077645392446
3.431252513207677
3.390252329337508

4.397037110074047

4.533388037471249
3.569144389211855
3.466052559171373
3.409386310923172
3.3763857228790397

4.383899236613169

4.5134742758057325
3.540154914839883
3.4506733224012778
3.4048892405492976
3.378504270466422

4.378115200347814

3.157223448803385
2.9514888433821382
2.8675447322357646
2.817957804136955

2.783767255188128

5.614215981860657

3.170703534775393

2.943965291848575

2.8555855656126465

2.805961269476867

2.773430364520158

5.659378539782172

3.1345183212723344

2.942269254448999

2.8603601284940683

2.809786279101834

2.776319620488664

5.685027914486771

3.1902760686882217

2.948540684479239

2.8639652620421208

2.8154569907138844

2.782402525503933

5.64161731075478

3.2065263975050953

2.9800984244924567

2.881446100096327

2.8265016923549835

2.7916449879165475

5.08703703701164

3.202684493309788

2.9858917229541495

2.8828206643135896

2.822406372531425

2.7831852554124303

5.050692760282404

3.218183383111785

2.9766425539317174

2.873071196273925

2.813886890875281

2.776862913869702

5.019084037205332

3.2109870378709973
2.9824666699423914
2.8835786156450967
2.8234294099639095
2.7837038180271465
5.050860112216353
3.63026919579756
3.0549461864192504
2.9143837370943566
2.8431620012571472
2.79965937799838
4.828083571294439
3.661418095765769
3.0538783181304794
2.9097178651300024
2.839117880358374
2.7962808750834935
4.83498287700688
3.5696712657882577
3.0521201808589233
2.91376316277399
2.8431369248430767
2.799866925006962
4.855759842290267
3.679235308114837
3.0401554071661367
2.8984187182800225
2.8291764948074
2.7875861673788207
4.805293832283859
4.312199596983522
3.0326347272541434
2.9128122476518623
2.8468685456016845
2.8041313846460647
4.922302762075984
4.403953902543907
3.009710802767798
2.8972733445457246
2.834684113477891
2.79466429521974
4.940246891884229
4.33363313231089

3.0317451660252366
2.915533159465633
2.8486964595763156
2.805618712005215
4.946158918747171
4.368662246225269
3.02823517757409
2.9100655198012615
2.8442333065046133
2.8025056260589087
4.92279800466019
4.611980210116563
3.8887526782876884
3.814406280447978
3.773920061308213
3.7486191547736087

4.233541774984131