Markov chain log-likelihood trace plots for each of 280 MSAs. Bayesian inference was conditioned on the compartmental model of Lin et al. *(11)*. Bayesian inference was performed as described by Lin et al. *(11)*. The compartmental model accounts for an initial social distancing period followed by n additional periods. We considered $n = 0, 1$ and 2 and selected the best n using the model-selection procedure described by Lin et al. *(11)*. The number of epochs (or iterations) used for each state was chosen so that convergence was achieved in each case. Inferences are based on daily reports of new cases of COVID-19 from 21-January-2020 to 21-June-2020.

New York-Newark-Jersey City, NY-NJ-PA
Log-likelihood
−866
−868
−870
−872
−874
−876
−878
−880
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Los Angeles-Long Beach-Anaheim, CA
−708
−710
−712
−714
−716
−718
−720
−722
−724
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Chicago-Naperville-Elgin, IL-IN-WI
−702.5
−705.0
−707.5
−710.0
−712.5
−715.0
−717.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dallas-Fort Worth-Arlington, TX
−572.5
−575.0
−577.5
−580.0
−582.5
−585.0
−587.5
−590.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Houston-The Woodlands-Sugar Land, TX
Log-likelihood
−605
−610
−615
−620
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Washington-Arlington-Alexandria, DC-VA-MD-WV
−650
−655
−660
−665
−670
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
Log-likelihood
−622.5
−625.0
−627.5
−630.0
−632.5
−635.0
−637.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Miami-Fort Lauderdale-West Palm Beach, FL
−637.5
−640.0
−642.5
−645.0
−647.5
−650.0
−652.5
−655.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Atlanta-Sandy Springs-Alpharetta, GA
−642.5
−645.0
−647.5
−650.0
−652.5
−655.0
−657.5
−660.0
−662.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Boston-Cambridge-Newton, MA-NH
Log-likelihood
−718
−720
−722
−724
−726
−728
−730
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Phoenix-Mesa-Chandler, AZ
Log-likelihood
−548
−550
−552
−554
−556
−558
−560
−562
−564
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

San Francisco-Oakland-Berkeley, CA
Log-likelihood
−546
−548
−550
−552
−554
−556
−558
−560
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Riverside-San Bernardino-Ontario, CA
Log-likelihood
−584
−586
−588
−590
−592
−594
−596
−598
−600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Detroit–Warren–Dearborn, MI
Log-likelihood
−665.0
−667.5
−670.0
−672.5
−675.0
−677.5
−680.0
−682.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Seattle-Tacoma-Bellevue, WA
Log-likelihood
−565.0
−567.5
−570.0
−572.5
−575.0
−577.5
−580.0
−582.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Minneapolis-St. Paul-Bloomington, MN-WI
Log-likelihood
−548
−550
−552
−554
−556
−558
−560
−562
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

San Diego-Chula Vista-Carlsbad, CA
Log-likelihood
−498
−500
−502
−504
−506
−508
−510
−512
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Tampa-St. Petersburg-Clearwater, FL
−460.0
−462.5
−465.0
−467.5
−470.0
−472.5
−475.0
−477.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Denver-Aurora-Lakewood, CO
−537.5
−540.0
−542.5
−545.0
−547.5
−550.0
−552.5
−555.0
−557.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Baltimore-Columbia-Towson, MD
−535.0
−537.5
−540.0
−542.5
−545.0
−547.5
−550.0
−552.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

St. Louis, MO-IL
Log-likelihood
−507.5
−510.0
−512.5
−515.0
−517.5
−520.0
−522.5
−525.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Orlando-Kissimmee-Sanford, FL
Log-likelihood
−434
−436
−438
−440
−442
−444
−446
−448
0.0
0.5
1.0
1.5
2.0
Epoch
×10^5

Charlotte-Concord-Gastonia, NC-SC
Log-likelihood
−500
−502
−504
−506
−508
−510
−512
−514
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

San Antonio-New Braunfels, TX
−502.5
−505.0
−507.5
−510.0
−512.5
−515.0
−517.5
−520.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Portland-Vancouver-Hillsboro, OR-WA
Log-likelihood
−408
−410
−412
−414
−416
−418
−420
−422
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Sacramento-Roseville-Folsom, CA
Log-likelihood
−415
−420
−425
−430
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Pittsburgh, PA
Log-likelihood
−404
−406
−408
−410
−412
−414
−416
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Austin-Round Rock, TX
−475.0
−477.5
−480.0
−482.5
−485.0
−487.5
−490.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Las Vegas-Henderson-Paradise, NV
Log-likelihood
−546
−548
−550
−552
−554
−556
−558
−560
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Cincinnati, OH-KY-IN
Log-likelihood
−442
−444
−446
−448
−450
−452
−454
−456
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kansas City, MO-KS
−466
−468
−470
−472
−474
−476
−478
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Columbus, OH
−488
−490
−492
−494
−496
−498
−500
−502
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Indianapolis-Carmel-Anderson, IN
Log-likelihood
−516
−518
−520
−522
−524
−526
−528
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Cleveland-Elyria, OH
Log-likelihood
−456
−458
−460
−462
−464
−466
−468
−470
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

San Jose-Sunnyvale-Santa Clara, CA
−460.0
−462.5
−465.0
−467.5
−470.0
−472.5
−475.0
−477.5
Log-likelihood
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Epoch
×10^5

Nashville-Davidson–Murfreesboro–Franklin, TN
Log-likelihood
−574
−576
−578
−580
−582
−584
−586
−588
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Virginia Beach-Norfolk-Newport News, VA-NC
−430
−432
−434
−436
−438
−440
−442
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Providence-Warwick, RI-MA
Log-likelihood
−578
−580
−582
−584
−586
−588
−590
−592
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Jacksonville, FL
Log-likelihood
−404
−406
−408
−410
−412
−414
−416
−418
−420
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Milwaukee-Waukesha, WI
Log-likelihood
−520
−522
−524
−526
−528
−530
−532
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Oklahoma City, OK
−390
−392
−394
−396
−398
−400
−402
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Raleigh-Cary, NC
Log-likelihood
−432
−434
−436
−438
−440
−442
−444
−446
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Epoch
×10^5

Louisville/Jefferson County, KY-IN
Log-likelihood
−456
−458
−460
−462
−464
−466
−468
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Memphis, TN-MS-AR
−496
−498
−500
−502
−504
−506
−508
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Richmond, VA
Log-likelihood
−462
−464
−466
−468
−470
−472
−474
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

New Orleans-Metairie, LA
Log-likelihood
−587.5
−590.0
−592.5
−595.0
−597.5
−600.0
−602.5
−605.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Salt Lake City, UT
−470
−472
−474
−476
−478
−480
−482
−484
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hartford-East Hartford-Middletown, CT
−514
−516
−518
−520
−522
−524
−526
−528
−530
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Buffalo-Niagara Falls, NY
−460.0
−462.5
−465.0
−467.5
−470.0
−472.5
−475.0
−477.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Birmingham-Hoover, AL
−414
−416
−418
−420
−422
−424
−426
−428
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Rochester, NY
Log-likelihood
−412
−414
−416
−418
−420
−422
−424
−426
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Grand Rapids-Kentwood, MI
Log-likelihood
−436
−438
−440
−442
−444
−446
−448
−450
−452
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Tucson, AZ
−422
−424
−426
−428
−430
−432
−434
−436
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Urban Honolulu, HI
Log-likelihood
−216
−218
−220
−222
−224
−226
−228
−230
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Tulsa, OK
−367.5
−370.0
−372.5
−375.0
−377.5
−380.0
−382.5
−385.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fresno, CA
−402
−404
−406
−408
−410
−412
−414
−416
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Worcester, MA-CT
Log-likelihood
−500
−502
−504
−506
−508
−510
−512
−514
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Omaha-Council Bluffs, NE-IA
−506
−508
−510
−512
−514
−516
−518
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bridgeport-Stamford-Norwalk, CT
−550.0
−552.5
−555.0
−557.5
−560.0
−562.5
−565.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Greenville-Anderson, SC
−410.0
−412.5
−415.0
−417.5
−420.0
−422.5
−425.0
−427.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Albuquerque, NM
Log-likelihood
−362
−364
−366
−368
−370
−372
−374
−376
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bakersfield, CA
Log-likelihood
−398
−400
−402
−404
−406
−408
−410
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Albany-Schenectady-Troy, NY
−422.5
−425.0
−427.5
−430.0
−432.5
−435.0
−437.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Knoxville, TN
−307.5
−310.0
−312.5
−315.0
−317.5
−320.0
−322.5
−325.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

McAllen-Edinburg-Mission, TX
Log-likelihood
−326
−328
−330
−332
−334
−336
−338
−340
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Baton Rouge, LA
−496
−498
−500
−502
−504
−506
−508
−510
−512
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

El Paso, TX
−416
−418
−420
−422
−424
−426
−428
−430
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

New Haven-Milford, CT
−508
−510
−512
−514
−516
−518
−520
−522
Log-likelihood
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Epoch
×10^5

Allentown-Bethlehem-Easton, PA-NJ
−435.0
−437.5
−440.0
−442.5
−445.0
−447.5
−450.0
−452.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Oxnard-Thousand Oaks-Ventura, CA
−342.5
−345.0
−347.5
−350.0
−352.5
−355.0
−357.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

North Port-Sarasota-Bradenton, FL
Log-likelihood
−367.5
−370.0
−372.5
−375.0
−377.5
−380.0
−382.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Columbia, SC
−422
−424
−426
−428
−430
−432
−434
−436
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dayton, OH
−344
−346
−348
−350
−352
−354
−356
−358
−360
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Charleston-North Charleston, SC
−345.0
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Stockton, CA
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
−362.5
−365.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Greensboro-High Point, NC
−376
−378
−380
−382
−384
−386
−388
−390
−392
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Boise City, ID
Log-likelihood
−326
−328
−330
−332
−334
−336
−338
−340
−342
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Cape Coral-Fort Myers, FL
Log-likelihood
−394
−396
−398
−400
−402
−404
−406
−408
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Colorado Springs, CO
Log-likelihood
−362
−364
−366
−368
−370
−372
−374
−376
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Little Rock-North Little Rock-Conway, AR
−368
−370
−372
−374
−376
−378
−380
−382
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lakeland-Winter Haven, FL
−325.0
−327.5
−330.0
−332.5
−335.0
−337.5
−340.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Des Moines-West Des Moines, IA
Log-likelihood
−450
−452
−454
−456
−458
−460
−462
−464
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Akron, OH
−348
−350
−352
−354
−356
−358
−360
−362
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Springfield, MA
−438
−440
−442
−444
−446
−448
−450
−452
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Poughkeepsie-Newburgh-Middletown, NY
−497.5
−500.0
−502.5
−505.0
−507.5
−510.0
−512.5
−515.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Ogden-Clearfield, UT
Log-likelihood
−320.0
−322.5
−325.0
−327.5
−330.0
−332.5
−335.0
−337.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Madison, WI
Log-likelihood
−320
−322
−324
−326
−328
−330
−332
−334
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Winston-Salem, NC
Log-likelihood
−394
−396
−398
−400
−402
−404
−406
−408
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Provo-Orem, UT
Log-likelihood
−376
−378
−380
−382
−384
−386
−388
−390
−392
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Deltona-Daytona Beach-Ormond Beach, FL
−325.0
−327.5
−330.0
−332.5
−335.0
−337.5
−340.0
−342.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Syracuse, NY
−406
−408
−410
−412
−414
−416
−418
−420
−422
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Durham-Chapel Hill, NC
Log-likelihood
−444
−446
−448
−450
−452
−454
−456
−458
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Wichita, KS
Log-likelihood
−304
−306
−308
−310
−312
−314
−316
−318
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Toledo, OH
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
−362.5
−365.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Augusta-Richmond County, GA-SC
Log-likelihood
−346
−348
−350
−352
−354
−356
−358
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Palm Bay-Melbourne-Titusville, FL
−265.0
−267.5
−270.0
−272.5
−275.0
−277.5
−280.0
−282.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Jackson, MS
−422.5
−425.0
−427.5
−430.0
−432.5
−435.0
−437.5
−440.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Harrisburg-Carlisle, PA
Log-likelihood
−338
−340
−342
−344
−346
−348
−350
−352
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Spokane-Spokane Valley, WA
−305.0
−307.5
−310.0
−312.5
−315.0
−317.5
−320.0
−322.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Scranton–Wilkes-Barre, PA
−367.5
−370.0
−372.5
−375.0
−377.5
−380.0
−382.5
−385.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Chattanooga, TN-GA
Log-likelihood
−366
−368
−370
−372
−374
−376
−378
−380
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lancaster, PA
Log-likelihood
−368
−370
−372
−374
−376
−378
−380
−382
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Modesto, CA
−332.5
−335.0
−337.5
−340.0
−342.5
−345.0
−347.5
−350.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Portland-South Portland, ME
Log-likelihood
−362
−364
−366
−368
−370
−372
−374
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fayetteville-Springdale-Rogers, AR
Log-likelihood
−358
−360
−362
−364
−366
−368
−370
−372
−374
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lansing-East Lansing, MI
−350
−352
−354
−356
−358
−360
−362
−364
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Youngstown-Warren-Boardman, OH-PA
Log-likelihood
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
−362.5
−365.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fayetteville, NC
Log-likelihood
−330
−332
−334
−336
−338
−340
−342
−344
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lexington-Fayette, KY
Log-likelihood
−358
−360
−362
−364
−366
−368
−370
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Pensacola-Ferry Pass-Brent, FL
−340
−342
−344
−346
−348
−350
−352
−354
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Huntsville, AL
−290.0
−292.5
−295.0
−297.5
−300.0
−302.5
−305.0
−307.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Reno, NV
−380.0
−382.5
−385.0
−387.5
−390.0
−392.5
−395.0
−397.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Santa Rosa-Petaluma, CA
−316
−318
−320
−322
−324
−326
−328
−330
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Myrtle Beach-Conway-North Myrtle Beach, SC-NC
Log-likelihood
−312.5
−315.0
−317.5
−320.0
−322.5
−325.0
−327.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Port St. Lucie, FL
−342.5
−345.0
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lafayette, LA
−390.0
−392.5
−395.0
−397.5
−400.0
−402.5
−405.0
−407.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Killeen-Temple, TX
Log-likelihood
−312
−314
−316
−318
−320
−322
−324
−326
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Visalia, CA
−396
−398
−400
−402
−404
−406
−408
−410
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Asheville, NC
Log-likelihood
−304
−306
−308
−310
−312
−314
−316
−318
−320
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

York-Hanover, PA
Log-likelihood
−318
−320
−322
−324
−326
−328
−330
−332
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Vallejo, CA
−310.0
−312.5
−315.0
−317.5
−320.0
−322.5
−325.0
−327.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Santa Maria-Santa Barbara, CA
−387.5
−390.0
−392.5
−395.0
−397.5
−400.0
−402.5
−405.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
×10^5
Epoch

Salinas, CA
−308
−310
−312
−314
−316
−318
−320
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Salem, OR
Log-likelihood
−336
−338
−340
−342
−344
−346
−348
−350
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Mobile, AL
Log-likelihood
−368
−370
−372
−374
−376
−378
−380
−382
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Reading, PA
−385.0
−387.5
−390.0
−392.5
−395.0
−397.5
−400.0
−402.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Manchester-Nashua, NH
Log-likelihood
−368
−370
−372
−374
−376
−378
−380
−382
−384
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Corpus Christi, TX
Log-likelihood
−270
−272
−274
−276
−278
−280
−282
−284
−286
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Brownsville-Harlingen, TX
−328
−330
−332
−334
−336
−338
−340
−342
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fort Wayne, IN
−346
−348
−350
−352
−354
−356
−358
−360
−362
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Salisbury, MD-DE
Log-likelihood
−418
−420
−422
−424
−426
−428
−430
−432
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Gulfport-Biloxi, MS
−308
−310
−312
−314
−316
−318
−320
−322
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Flint, MI
Log-likelihood
−392.5
−395.0
−397.5
−400.0
−402.5
−405.0
−407.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Savannah, GA
−306
−308
−310
−312
−314
−316
−318
−320
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Peoria, IL
Log-likelihood
−248
−250
−252
−254
−256
−258
−260
−262
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Canton-Massillon, OH
Log-likelihood
−292
−294
−296
−298
−300
−302
−304
−306
−308
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Anchorage, AK
−250.0
−252.5
−255.0
−257.5
−260.0
−262.5
−265.0
−267.5
−270.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Beaumont-Port Arthur, TX
Log-likelihood
−344
−346
−348
−350
−352
−354
−356
−358
−360
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Shreveport-Bossier City, LA
Log-likelihood
−438
−440
−442
−444
−446
−448
−450
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Trenton-Princeton, NJ
−432.5
−435.0
−437.5
−440.0
−442.5
−445.0
−447.5
−450.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Montgomery, AL
−387.5
−390.0
−392.5
−395.0
−397.5
−400.0
−402.5
−405.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Davenport-Moline-Rock Island, IA-IL
Log-likelihood
−298
−300
−302
−304
−306
−308
−310
−312
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Tallahassee, FL
−294
−296
−298
−300
−302
−304
−306
−308
−310
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Ocala, FL
Log-likelihood
−227.5
−230.0
−232.5
−235.0
−237.5
−240.0
−242.5
−245.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Naples-Marco Island, FL
−362
−364
−366
−368
−370
−372
−374
−376
−378
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Ann Arbor, MI
Log-likelihood
−380
−382
−384
−386
−388
−390
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hickory-Lenoir-Morganton, NC
Log-likelihood
−318
−320
−322
−324
−326
−328
−330
−332
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Huntington-Ashland, WV-KY-OH
Log-likelihood
−207.5
−210.0
−212.5
−215.0
−217.5
−220.0
−222.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fort Collins, CO
Log-likelihood
−272
−274
−276
−278
−280
−282
−284
−286
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lincoln, NE
Log-likelihood
−294
−296
−298
−300
−302
−304
−306
−308
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Gainesville, FL
−290
−295
−300
−305
−310
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Rockford, IL
Log-likelihood
−362
−364
−366
−368
−370
−372
−374
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Boulder, CO
−308
−310
−312
−314
−316
−318
−320
−322
−324
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Greeley, CO
Log-likelihood
−347.5
−350.0
−352.5
−355.0
−357.5
−360.0
−362.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Columbus, GA-AL
Log-likelihood
−326
−328
−330
−332
−334
−336
−338
−340
−342
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Green Bay, WI
−332.5
−335.0
−337.5
−340.0
−342.5
−345.0
−347.5
−350.0
−352.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Spartanburg, SC
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
−312.5
−315.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

South Bend-Mishawaka, IN-MI
Log-likelihood
−322
−324
−326
−328
−330
−332
−334
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lubbock, TX
Log-likelihood
−302.5
−305.0
−307.5
−310.0
−312.5
−315.0
−317.5
−320.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Clarksville, TN-KY
Log-likelihood
−252
−254
−256
−258
−260
−262
−264
−266
−268
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Roanoke, VA
Log-likelihood
−262
−264
−266
−268
−270
−272
−274
−276
−278
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Evansville, IN-KY
Log-likelihood
−265
−270
−275
−280
−285
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kennewick-Richland, WA
Log-likelihood
−394
−396
−398
−400
−402
−404
−406
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hagerstown-Martinsburg, MD-WV
−296
−298
−300
−302
−304
−306
−308
−310
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Utica-Rome, NY
Log-likelihood
−320
−322
−324
−326
−328
−330
−332
−334
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Crestview-Fort Walton Beach-Destin, FL
Log-likelihood
−290.0
−292.5
−295.0
−297.5
−300.0
−302.5
−305.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Longview, TX
−248
−250
−252
−254
−256
−258
−260
−262
−264
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

San Luis Obispo-Paso Robles, CA
Log-likelihood
−260
−265
−270
−275
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Merced, CA
Log-likelihood
−244
−246
−248
−250
−252
−254
−256
−258
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Sioux Falls, SD
−376
−378
−380
−382
−384
−386
−388
−390
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Cedar Rapids, IA
Log-likelihood
−308
−310
−312
−314
−316
−318
−320
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Atlantic City-Hammonton, NJ
Log-likelihood
−354
−356
−358
−360
−362
−364
−366
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Amarillo, TX
−362
−364
−366
−368
−370
−372
−374
−376
−378
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Tuscaloosa, AL
Log-likelihood
−332
−334
−336
−338
−340
−342
−344
−346
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Norwich-New London, CT
Log-likelihood
−312
−314
−316
−318
−320
−322
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

College Station-Bryan, TX
Log-likelihood
−330
−332
−334
−336
−338
−340
−342
−344
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Laredo, TX
Log-likelihood
−284
−286
−288
−290
−292
−294
−296
−298
−300
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kalamazoo-Portage, MI
Log-likelihood
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
−312.5
−315.0
0.0
0.5
1.0
1.5
2.0
2.5
Epoch
×10^5

Charleston, WV
Log-likelihood
−222
−224
−226
−228
−230
−232
−234
−236
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Yakima, WA
−462
−464
−466
−468
−470
−472
−474
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Fargo, ND-MN
−322
−324
−326
−328
−330
−332
−334
−336
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Binghamton, NY
−272
−274
−276
−278
−280
−282
−284
−286
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Appleton, WI
−210
−212
−214
−216
−218
−220
−222
−224
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Prescott Valley-Prescott, AZ
Log-likelihood
−235.0
−237.5
−240.0
−242.5
−245.0
−247.5
−250.0
−252.5
−255.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Macon-Bibb County, GA
Log-likelihood
−276
−278
−280
−282
−284
−286
−288
−290
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Topeka, KS
Log-likelihood
−264
−266
−268
−270
−272
−274
−276
−278
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Daphne-Fairhope-Foley, AL
−242.5
−245.0
−247.5
−250.0
−252.5
−255.0
−257.5
−260.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Barnstable Town, MA
Log-likelihood
−338
−340
−342
−344
−346
−348
−350
−352
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bellingham, WA
Log-likelihood
−246
−248
−250
−252
−254
−256
−258
−260
−262
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Rochester, MN
−315.0
−317.5
−320.0
−322.5
−325.0
−327.5
−330.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Burlington-South Burlington, VT
Log-likelihood
−257.5
−260.0
−262.5
−265.0
−267.5
−270.0
−272.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lafayette-West Lafayette, IN
Log-likelihood
−236
−238
−240
−242
−244
−246
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Champaign-Urbana, IL
Log-likelihood
−270
−272
−274
−276
−278
−280
−282
−284
−286
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lake Charles, LA
Log-likelihood
−290.0
−292.5
−295.0
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Charlottesville, VA
−316
−318
−320
−322
−324
−326
−328
−330
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Las Cruces, NM
Log-likelihood
−258
−260
−262
−264
−266
−268
−270
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hilton Head Island-Bluffton-Beaufort, SC
Log-likelihood
−274
−276
−278
−280
−282
−284
−286
−288
−290
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Athens-Clarke County, GA
Log-likelihood
−282.5
−285.0
−287.5
−290.0
−292.5
−295.0
−297.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lake Havasu City-Kingman, AZ
Log-likelihood
−240
−242
−244
−246
−248
−250
−252
−254
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Springfield, IL
Log-likelihood
−210
−212
−214
−216
−218
−220
−222
−224
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Houma-Thibodaux, LA
−356
−358
−360
−362
−364
−366
−368
−370
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Monroe, LA
−367.5
−370.0
−372.5
−375.0
−377.5
−380.0
−382.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Elkhart-Goshen, IN
Log-likelihood
−328
−330
−332
−334
−336
−338
−340
−342
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Yuma, AZ
−292
−294
−296
−298
−300
−302
−304
−306
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Gainesville, GA
−390.0
−392.5
−395.0
−397.5
−400.0
−402.5
−405.0
−407.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Florence, SC
Log-likelihood
−300.0
−302.5
−305.0
−307.5
−310.0
−312.5
−315.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

St. Cloud, MN
Log-likelihood
−254
−256
−258
−260
−262
−264
−266
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Racine, WI
−342
−344
−346
−348
−350
−352
−354
−356
−358
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Warner Robins, GA
Log-likelihood
−262.5
−265.0
−267.5
−270.0
−272.5
−275.0
−277.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Saginaw, MI
Log-likelihood
−286
−288
−290
−292
−294
−296
−298
−300
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Punta Gorda, FL
Log-likelihood
−250
−252
−254
−256
−258
−260
−262
−264
−266
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dover, DE
−320
−322
−324
−326
−328
−330
−332
−334
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kingston, NY
−327.5
−330.0
−332.5
−335.0
−337.5
−340.0
−342.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

St. George, UT
Log-likelihood
−246
−248
−250
−252
−254
−256
−258
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

El Centro, CA
Log-likelihood
−384
−386
−388
−390
−392
−394
−396
−398
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bowling Green, KY
−328
−330
−332
−334
−336
−338
−340
−342
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Abilene, TX
Log-likelihood
−266
−268
−270
−272
−274
−276
−278
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Muskegon, MI
−262
−264
−266
−268
−270
−272
−274
−276
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Iowa City, IA
−295.0
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Auburn-Opelika, AL
Log-likelihood
−272.5
−275.0
−277.5
−280.0
−282.5
−285.0
−287.5
−290.0
−292.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hattiesburg, MS
−316
−318
−320
−322
−324
−326
−328
−330
−332
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Burlington, NC
−244
−246
−248
−250
−252
−254
−256
−258
−260
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Greenville, NC
−247.5
−250.0
−252.5
−255.0
−257.5
−260.0
−262.5
−265.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Waterloo-Cedar Falls, IA
−294
−296
−298
−300
−302
−304
−306
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

East Stroudsburg, PA
Log-likelihood
−282.5
−285.0
−287.5
−290.0
−292.5
−295.0
−297.5
−300.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Pueblo, CO
Log-likelihood
−220
−222
−224
−226
−228
−230
−232
−234
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Janesville-Beloit, WI
−270
−272
−274
−276
−278
−280
−282
−284
−286
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bloomington, IN
−240
−242
−244
−246
−248
−250
−252
−254
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Jackson, MI
Log-likelihood
−328
−330
−332
−334
−336
−338
−340
−342
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Chambersburg-Waynesboro, PA
Log-likelihood
−246
−248
−250
−252
−254
−256
−258
−260
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Monroe, MI
Log-likelihood
−260.0
−262.5
−265.0
−267.5
−270.0
−272.5
−275.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Niles, MI
−290
−292
−294
−296
−298
−300
−302
−304
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
×10^5
Epoch

Vineland-Bridgeton, NJ
−352
−354
−356
−358
−360
−362
−364
−366
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
×10^5
Epoch

Hanford-Corcoran, CA
Log-likelihood
−286
−288
−290
−292
−294
−296
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Alexandria, LA
Log-likelihood
−332.5
−335.0
−337.5
−340.0
−342.5
−345.0
−347.5
−350.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dothan, AL
Log-likelihood
−232
−234
−236
−238
−240
−242
−244
−246
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Florence-Muscle Shoals, AL
Log-likelihood
−222
−224
−226
−228
−230
−232
−234
−236
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Sioux City, IA-NE-SD
−360
−362
−364
−366
−368
−370
−372
−374
−376
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Albany, GA
−368
−370
−372
−374
−376
−378
−380
−382
−384
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Valdosta, GA
−304
−306
−308
−310
−312
−314
−316
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Texarkana, TX-AR
−240.0
−242.5
−245.0
−247.5
−250.0
−252.5
−255.0
−257.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Flagstaff, AZ
Log-likelihood
−328
−330
−332
−334
−336
−338
−340
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Rocky Mount, NC
−247.5
−250.0
−252.5
−255.0
−257.5
−260.0
−262.5
−265.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lebanon, PA
Log-likelihood
−285.0
−287.5
−290.0
−292.5
−295.0
−297.5
−300.0
−302.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dalton, GA
Log-likelihood
−254
−256
−258
−260
−262
−264
−266
−268
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Winchester, VA-WV
Log-likelihood
−266
−268
−270
−272
−274
−276
−278
−280
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
Epoch
×10^5

Wheeling, WV-OH
Log-likelihood
−236
−238
−240
−242
−244
−246
−248
−250
−252
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Sumter, SC
−277.5
−280.0
−282.5
−285.0
−287.5
−290.0
−292.5
−295.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Harrisonburg, VA
−310
−312
−314
−316
−318
−320
−322
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Battle Creek, MI
Log-likelihood
−240
−242
−244
−246
−248
−250
−252
−254
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Carbondale-Marion, IL
Log-likelihood
−210
−212
−214
−216
−218
−220
−222
−224
−226
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Hammond, LA
Log-likelihood
−306
−308
−310
−312
−314
−316
−318
−320
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

The Villages, FL
−190.0
−192.5
−195.0
−197.5
−200.0
−202.5
−205.0
−207.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Mount Vernon-Anacortes, WA
−260.0
−262.5
−265.0
−267.5
−270.0
−272.5
−275.0
−277.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Pittsfield, MA
Log-likelihood
−260
−262
−264
−266
−268
−270
−272
−274
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Glens Falls, NY
Log-likelihood
−212
−214
−216
−218
−220
−222
−224
−226
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Lawton, OK
Log-likelihood
−217.5
−220.0
−222.5
−225.0
−227.5
−230.0
−232.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Wenatchee, WA
−238
−240
−242
−244
−246
−248
−250
−252
−254
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Farmington, NM
Log-likelihood
−330
−332
−334
−336
−338
−340
−342
−344
−346
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Owensboro, KY
−232
−234
−236
−238
−240
−242
−244
−246
−248
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

St. Joseph, MO-KS
−244
−246
−248
−250
−252
−254
−256
−258
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
×10^5
Epoch

Goldsboro, NC
−295.0
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
−312.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Twin Falls, ID
Log-likelihood
−268
−270
−272
−274
−276
−278
−280
−282
−284
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

California-Lexington Park, MD
Log-likelihood
−248
−250
−252
−254
−256
−258
−260
−262
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Michigan City-La Porte, IN
Log-likelihood
−224
−226
−228
−230
−232
−234
−236
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Muncie, IN
Log-likelihood
−215.0
−217.5
−220.0
−222.5
−225.0
−227.5
−230.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kankakee, IL
−297.5
−300.0
−302.5
−305.0
−307.5
−310.0
−312.5
−315.0
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Grand Forks, ND-MN
Log-likelihood
−202
−204
−206
−208
−210
−212
−214
−216
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bay City, MI
Log-likelihood
−210
−212
−214
−216
−218
−220
−222
−224
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Gadsden, AL
−236
−238
−240
−242
−244
−246
−248
−250
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Dubuque, IA
−208
−210
−212
−214
−216
−218
−220
−222
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Rome, GA
−260.0
−262.5
−265.0
−267.5
−270.0
−272.5
−275.0
−277.5
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Victoria, TX
Log-likelihood
−218
−220
−222
−224
−226
−228
−230
−232
−234
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Ocean City, NJ
Log-likelihood
−256
−258
−260
−262
−264
−266
−268
−270
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Cumberland, MD-WV
Log-likelihood
−158
−160
−162
−164
−166
−168
−170
−172
−174
0
1
2
3
4
5
6
7
Epoch
×10^4

Pine Bluff, AR
−338
−340
−342
−344
−346
−348
−350
−352
Log-likelihood
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Kokomo, IN
Log-likelihood
−230.0
−232.5
−235.0
−237.5
−240.0
−242.5
−245.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Bloomsburg-Berwick, PA
Log-likelihood
−204
−206
−208
−210
−212
−214
−216
−218
−220
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Columbus, IN
Log-likelihood
−242
−244
−246
−248
−250
−252
−254
−256
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5

Grand Island, NE
Log-likelihood
−294
−296
−298
−300
−302
−304
−306
−308
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Epoch
×10^5