|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| بخش کشاورزی | | | | بخش نفت | | | | بخش صنایع و معادن | | | | بخش خدمات | | | |
| lag | AC | PAC | Q-Stat | lag | AC | PAC | Q-Stat | lag | AC | PAC | Q-Stat | lag | AC | PAC | Q-Stat |
| 1 | 0/4641 | 0/4641 | 19/6 | 1 | 0/8878 | 0/8878 | 71/72 | 1 | 0/8841 | 0/8841 | 71/13 | 1 | 0/9468 | 0/9468 | 81/58 |
| 2 | -0/0359 | -0/3204 | 19/72 | 2 | 0/8397 | 0/2433 | 135/88 | 2 | 0/8462 | 0/2955 | 136/28 | 2 | 0/9043 | 0/0754 | 155/99 |
| 3 | 0/3695 | 0/6919 | 32/15 | 3 | 0/7927 | -22/2816 | 193/06 | 3 | 0/7922 | 6/8624 | 193/38 | 3 | 0/8586 | -1/9515 | 223/08 |
| 4 | 0/8236 | 0/6175 | 93/88 | 4 | 0/7633 | 1/1112 | 246/08 | 4 | 0/7866 | 1/1396 | 249/69 | 4 | 0/8212 | 1/0449 | 284/45 |
| 5 | 0/3699 | -17/627 | 106/33 | 5 | 0/7334 | 1/0453 | 295/03 | 5 | 0/7282 | 1/1023 | 297/95 | 5 | 0/7755 | 0/8308 | 339/18 |
| 6 | -0/0398 | 1/2255 | 106/47 | 6 | 0/7116 | 0/9764 | 341/11 | 6 | 0/6992 | 1/0537 | 342/44 | 6 | 0/737 | -0/5521 | 388/61 |
| 7 | 0/3075 | -0/2365 | 115/07 | 7 | 0/6867 | 0/9281 | 384/01 | 7 | 0/6474 | 1/0566 | 380/58 | 7 | 0/6896 | 0/6664 | 431/89 |
| 8 | 0/6598 | 0/9635 | 154/69 | 8 | 0/6714 | 0/8768 | 425/03 | 8 | 0/6445 | 1/0163 | 418/37 | 8 | 0/6513 | -1/5854 | 470/48 |
| 9 | 0/2765 | 2/241 | 161/65 | 9 | 0/6582 | 0/8352 | 464/45 | 9 | 0/59 | 1/0055 | 450/05 | 9 | 0/6109 | 1/0606 | 504/44 |
| 10 | -0/0557 | 0/8214 | 161/93 | 10 | 0/6562 | 0/787 | 503/63 | 10 | 0/558 | 0/9771 | 478/38 | 10 | 0/5703 | 0/3418 | 534/04 |
| 11 | 0/2356 | -0/3515 | 166/98 | 11 | 0/5988 | 0/749 | 536/25 | 11 | 0/4998 | 0/9842 | 501/11 | 11 | 0/5221 | -0/4818 | 558/84 |
| 12 | 0/5294 | 0/7118 | 192/48 | 12 | 0/5354 | 0/7141 | 562/34 | 12 | 0/4777 | 0/9588 | 521/88 | 12 | 0/4841 | 0/5259 | 580/17 |
| 13 | 0/2199 | 1/6153 | 196/88 | 13 | 0/4766 | 0/6981 | 583/01 | 13 | 0/4289 | 0/9496 | 538/62 | 13 | 0/4471 | -0/6561 | 598/36 |
| 14 | -0/0661 | 0/4068 | 197/28 | 14 | 0/4216 | 0/5753 | 599/19 | 14 | 0/3996 | 0/9236 | 553/15 | 14 | 0/4139 | 0/6197 | 613/95 |
| 15 | 0/1649 | -0/4203 | 199/75 | 15 | 0/383 | 0/4457 | 612/54 | 15 | 0/3572 | 0/918 | 564/76 | 15 | 0/3749 | -0/5924 | 626/74 |
| 16 | 0/4053 | 0/405 | 214/71 | 16 | 0/3462 | 0/3307 | 623/45 | 16 | 0/3409 | 0/8965 | 575/33 | 16 | 0/3449 | 0/5891 | 637/57 |
| 17 | 0/1576 | 1/0592 | 216/97 | 17 | 0/3163 | 0/2316 | 632/55 | 17 | 0/2976 | 0/8867 | 583/39 | 17 | 0/3116 | -0/5596 | 646/4 |
| 18 | -0/077 | 0/2117 | 217/51 | 18 | 0/2953 | 0/173 | 640/48 | 18 | 0/2728 | 0/868 | 590/17 | 18 | 0/2832 | 0/5124 | 653/7 |
| 19 | 0/1181 | -0/3834 | 218/77 | 19 | 0/2497 | 0/1194 | 646/16 | 19 | 0/2373 | 0/8626 | 595/29 | 19 | 0/2526 | -0/4858 | 659/51 |
| 20 | 0/3191 | 0/1498 | 228/04 | 20 | 0/2201 | 0/0867 | 650/56 | 20 | 0/2266 | 0/8425 | 599/96 | 20 | 0/2258 | 0/4565 | 664/15 |
| 21 | 0/1045 | 0/586 | 229/03 | 21 | 0/1876 | 0/0731 | 653/77 | 21 | 0/1892 | 0/8323 | 603/22 | 21 | 0/1945 | -0/4247 | 667/59 |
| 22 | -0/0892 | 0/055 | 229/76 | 22 | 0/1578 | 0/0109 | 656/03 | 22 | 0/1707 | 0/8145 | 605/87 | 22 | 0/1713 | 0/3932 | 670/26 |
| 23 | 0/0836 | -0/3131 | 230/39 | 23 | 0/1208 | -0/0139 | 657/36 | 23 | 0/1428 | 0/8086 | 607/73 | 23 | 0/1445 | -0/3862 | 672/16 |
| 24 | 0/2461 | 0/0528 | 235/9 | 24 | 0/0847 | -0/0416 | 658/01 | 24 | 0/1272 | 0/7894 | 609/2 | 24 | 0/1232 | 0/3409 | 673/54 |
| 25 | 0/0546 | 0/3513 | 236/18 | 25 | 0/0594 | -0/0605 | 658/33 | 25 | 0/1001 | 0/7786 | 610/11 | 25 | 0/0983 | -0/3065 | 674/42 |
| 26 | -0/1033 | -0/0322 | 237/15 | 26 | 0/0353 | -0/0935 | 658/45 | 26 | 0/0819 | 0/7621 | 610/72 | 26 | 0/0776 | 0/2567 | 674/97 |
| 27 | 0/0474 | -0/2575 | 237/35 | 27 | 0/0159 | -0/1222 | 658/47 | 27 | 0/0539 | 0/7512 | 610/99 | 27 | 0/0539 | -0/2309 | 675/24 |
| 28 | 0/1734 | 0/019 | 240/09 | 28 | -0/0032 | -0/1284 | 658/47 | 28 | 0/0409 | 0/7333 | 611/14 | 28 | 0/0341 | 0/1765 | 675/34 |
| 29 | 0/0064 | 0/199 | 240/09 | 29 | -0/0184 | -0/1334 | 658/5 | 29 | 0/0216 | 0/7192 | 611/18 | 29 | 0/0136 | -0/1615 | 675/36 |
| 30 | -0/1163 | -0/0967 | 241/32 | 30 | -0/037 | -0/131 | 658/63 | 30 | 0/0056 | 0/6993 | 611/18 | 30 | -0/0035 | 0/1158 | 675/36 |
| 31 | 0/0162 | -0/2221 | 241/35 | 31 | -0/0557 | -0/1302 | 658/91 | 31 | -0/0174 | 0/6853 | 611/21 | 31 | -0/0215 | -0/099 | 675/4 |
| 32 | 0/1121 | -0/0247 | 242/49 | 32 | -0/0693 | -0/1226 | 659/35 | 32 | -0/0281 | 0/6668 | 611/28 | 32 | -0/0369 | 0/0537 | 675/53 |
| 33 | -0/0351 | 0/0641 | 242/6 | 33 | -0/0914 | -0/1259 | 660/11 | 33 | -0/0466 | 0/6496 | 611/48 | 33 | -0/0533 | -0/037 | 675/79 |
| 34 | -0/1271 | -0/1447 | 244/07 | 34 | -0/1096 | -0/1297 | 661/2 | 34 | -0/0617 | 0/6276 | 611/83 | 34 | -0/0675 | -0/012 | 676/2 |
| 35 | -0/0109 | -0/1903 | 244/08 | 35 | -0/1235 | -0/1243 | 662/59 | 35 | -0/0802 | 0/61 | 612/41 | 35 | -0/0838 | 0/0246 | 676/84 |
| 36 | 0/0583 | -0/0472 | 244/39 | 36 | -0/1404 | -0/1391 | 664/38 | 36 | -0/0889 | 0/5871 | 613/13 | 36 | -0/097 | -0/0715 | 677/7 |
| 37 | -0/0746 | -0/0147 | 244/9 | 37 | -0/1477 | -0/1452 | 666/36 | 37 | -0/1041 | 0/565 | 614/12 | 37 | -0/1109 | 0/0883 | 678/81 |
| 38 | -0/1413 | -0/1688 | 246/71 | 38 | -0/1572 | -0/1447 | 668/61 | 38 | -0/1172 | 0/5394 | 615/37 | 38 | -0/1233 | -0/1394 | 680/2 |
| 39 | -0/0382 | -0/1624 | 246/85 | 39 | -0/1658 | -0/1523 | 671/12 | 39 | -0/1324 | 0/5168 | 616/96 | 39 | -0/1366 | 0/1524 | 681/89 |
| 40 | 0/0169 | -0/0594 | 246/87 | 40 | -0/1753 | -0/1417 | 673/91 | 40 | -0/1407 | 0/4895 | 618/77 | 40 | -0/1479 | -0/1918 | 683/89 |
| 41 | -0/0955 | -0/0658 | 247/7 | 41 | -0/1836 | -0/1384 | 676/98 | 41 | -0/154 | 0/4619 | 620/92 | 41 | -0/161 | 0/1929 | 686/25 |
| 42 | -0/1522 | -0/1965 | 249/81 | 42 | -0/1924 | -0/1353 | 680/35 | 42 | -0/1655 | 0/4312 | 623/42 | 42 | -0/1723 | -0/23 | 688/95 |
| 43 | -0/0687 | -0/1605 | 250/24 | 43 | -0/2025 | -0/1358 | 684/08 | 43 | -0/1788 | 0/4019 | 626/32 | 43 | -0/1836 | 0/2301 | 692/02 |
| 44 | -0/0228 | -0/0835 | 250/29 | 44 | -0/2141 | -0/1353 | 688/25 | 44 | -0/1869 | 0/3681 | 629/5 | 44 | -0/1938 | -0/2676 | 695/43 |
| 45 | -0/1136 | -0/0789 | 251/46 | 45 | -0/2209 | -0/1366 | 692/69 | 45 | -0/1979 | 0/3335 | 633/07 | 45 | -0/2051 | 0/2665 | 699/26 |
| 46 | -0/1615 | -0/1614 | 253/84 | 46 | -0/2283 | -0/1418 | 697/44 | 46 | -0/2076 | 0/2957 | 636/99 | 46 | -0/2144 | -0/2981 | 703/45 |
| 47 | -0/0959 | -0/1561 | 254/67 | 47 | -0/2352 | -0/1511 | 702/47 | 47 | -0/2173 | 0/2581 | 641/29 | 47 | -0/2235 | 0/2967 | 707/99 |
| 48 | -0/056 | -0/1286 | 254/96 | 48 | -0/2439 | -0/1509 | 707/89 | 48 | -0/2228 | 0/2168 | 645/8 | 48 | -0/2313 | -0/3313 | 712/86 |
| 49 | -0/1268 | -0/107 | 256/42 | 49 | -0/249 | -0/1526 | 713/53 | 49 | -0/2306 | 0/1743 | 650/64 | 49 | -0/2403 | 0/3268 | 718/12 |
| 50 | -0/1678 | -0/1427 | 258/98 | 50 | -0/2541 | -0/1548 | 719/4 | 50 | -0/2375 | 0/1294 | 655/77 | 50 | -0/2478 | -0/3562 | 723/7 |
| 51 | -0/1176 | -0/1525 | 260/24 | 51 | -0/2585 | -0/1616 | 725/48 | 51 | -0/2444 | 0/0846 | 661/21 | 51 | -0/2552 | 0/3589 | 729/63 |
| 52 | -0/0864 | -0/1605 | 260/92 | 52 | -0/2619 | -0/1609 | 731/73 | 52 | -0/2491 | 0/0367 | 666/86 | 52 | -0/2619 | -0/3962 | 735/87 |
| 53 | -0/1413 | -0/1261 | 262/74 | 53 | -0/2669 | -0/1615 | 738/21 | 53 | -0/2556 | -0/0123 | 672/8 | 53 | -0/2691 | 0/3984 | 742/46 |
| 54 | -0/1732 | -0/1272 | 265/47 | 54 | -0/2728 | -0/1616 | 744/98 | 54 | -0/2614 | -0/0632 | 679/02 | 54 | -0/2753 | -0/4322 | 749/36 |
| 55 | -0/1334 | -0/145 | 267/09 | 55 | -0/2789 | -0/1602 | 752/06 | 55 | -0/2676 | -0/1144 | 685/54 | 55 | -0/2818 | 0/4414 | 756/58 |
| 56 | -0/1059 | -0/1726 | 268/11 | 56 | -0/2827 | -0/1628 | 759/34 | 56 | -0/2725 | -0/1677 | 692/3 | 56 | -0/2871 | -0/4794 | 764/08 |
| 57 | -0/149 | -0/1511 | 270/13 | 57 | -0/2863 | -0/1681 | 766/8 | 57 | -0/2785 | -0/2217 | 699/36 | 57 | -0/2923 | 0/4938 | 771/86 |
| 58 | -0/1757 | -0/1365 | 272/94 | 58 | -0/2892 | -0/174 | 774/41 | 58 | -0/2836 | -0/2768 | 706/68 | 58 | -0/2968 | -0/5357 | 779/88 |
| 59 | -0/1469 | -0/1444 | 274/9 | 59 | -0/2917 | -0/1751 | 782/15 | 59 | -0/2882 | -0/3317 | 714/24 | 59 | -0/301 | 0/5691 | 788/12 |
| 60 | -0/1242 | -0/1714 | 276/31 | 60 | -0/2946 | -0/1767 | 790/05 | 60 | -0/2914 | -0/3875 | 721/96 | 60 | -0/3044 | -0/6113 | 796/56 |
| 61 | -0/1536 | -0/1445 | 278/45 | 61 | -0/2968 | -0/1772 | 798/06 | 61 | -0/2935 | -0/4427 | 729/8 | 61 | -0/3076 | 0/6511 | 805/17 |
| 62 | -0/175 | -0/131 | 281/24 | 62 | -0/2986 | -0/1776 | 806/18 | 62 | -0/2959 | -0/4972 | 737/77 | 62 | -0/3099 | -0/6918 | 813/91 |
| 63 | -0/1575 | -0/142 | 283/5 | 63 | -0/2999 | -0/1797 | 814/36 | 63 | -0/2977 | -0/5501 | 745/84 | 63 | -0/3115 | 0/7441 | 822/74 |
| 64 | -0/1398 | -0/1783 | 285/27 | 64 | -0/2995 | -0/1804 | 822/53 | 64 | -0/2986 | -0/6014 | 753/96 | 64 | -0/3119 | -0/7787 | 831/59 |
| 65 | -0/1545 | -0/1559 | 287/45 | 65 | -0/2983 | -0/1811 | 830/62 | 65 | -0/298 | -0/6514 | 762/04 | 65 | -0/3111 | 0/8304 | 840/4 |
| 66 | -0/1685 | -0/1259 | 290/03 | 66 | -0/2969 | -0/181 | 838/65 | 66 | -0/2978 | -0/6991 | 770/1 | 66 | -0/3105 | -0/8568 | 849/17 |
| 67 | -0/1569 | -0/1346 | 292/27 | 67 | -0/2952 | -0/1781 | 846/58 | 67 | -0/2963 | -0/7445 | 778/09 | 67 | -0/3088 | 0/8965 | 857/84 |
| 68 | -0/1423 | -0/1845 | 294/11 | 68 | -0/2908 | -0/1737 | 854/27 | 68 | -0/2945 | -0/787 | 785/99 | 68 | -0/307 | -0/9105 | 866/42 |
| 69 | -0/1497 | -0/1719 | 296/15 | 69 | -0/2844 | -0/1705 | 861/64 | 69 | -0/2913 | -0/8272 | 793/71 | 69 | -0/3038 | 0/9226 | 874/82 |
| 70 | -0/1594 | -0/1197 | 298/47 | 70 | -0/2789 | -0/1679 | 868/72 | 70 | -0/2888 | -0/8644 | 801/3 | 70 | -0/3006 | -0/934 | 883/04 |
| 71 | -0/1518 | -0/1151 | 300/56 | 71 | -0/2727 | -0/16 | 875/48 | 71 | -0/2833 | -0/8989 | 808/6 | 71 | -0/2953 | 0/9425 | 890/98 |
| 72 | -0/1395 | -0/1556 | 302/33 | 72 | -0/2663 | -0/1492 | 881/94 | 72 | -0/2804 | -0/93 | 815/76 | 72 | -0/2901 | -0/9499 | 898/63 |
| 73 | -0/14 | -0/1481 | 304/12 | 73 | -0/2541 | -0/1419 | 887/82 | 73 | -0/2742 | -0/9589 | 822/6 | 73 | -0/2838 | 0/949 | 905/96 |
| 74 | -0/1449 | -0/108 | 306/03 | 74 | -0/2465 | -0/1353 | 893/34 | 74 | -0/2679 | -0/9839 | 829/13 | 74 | -0/277 | -0/9531 | 912/94 |
| 75 | -0/1403 | -0/1045 | 307/82 | 75 | -0/2388 | -0/1295 | 898/53 | 75 | -0/259 | -1/0074 | 835/23 | 75 | -0/2688 | 0/9466 | 919/52 |
| 76 | -0/1296 | -0/1338 | 309/35 | 76 | -0/2282 | -0/1112 | 903/27 | 76 | -0/2519 | -1/0272 | 841/01 | 76 | -0/2604 | -0/9525 | 925/69 |
| 77 | -0/1201 | -0/1288 | 310/66 | 77 | -0/216 | -0/1065 | 907/52 | 77 | -0/2417 | -1/0446 | 846/32 | 77 | -0/2494 | 0/9512 | 931/35 |
| 78 | -0/1202 | -0/0932 | 311/97 | 78 | -0/2006 | -0/1027 | 911/18 | 78 | -0/2313 | -1/0587 | 851/19 | 78 | -0/2388 | -0/9557 | 936/54 |
| 79 | -0/1181 | -0/0844 | 313/24 | 79 | -0/1831 | -0/0932 | 914/23 | 79 | -0/2185 | -1/0713 | 855/53 | 79 | -0/227 | 0/9465 | 941/23 |
| 80 | -0/1092 | -0/1078 | 314/33 | 80 | -0/1611 | -0/0814 | 916/59 | 80 | -0/207 | -1/0806 | 859/43 | 80 | -0/2137 | -0/9422 | 945/39 |
| 81 | -0/0933 | -0/1052 | 315/12 | 81 | -0/1381 | -0/0643 | 918/32 | 81 | -0/1905 | -1/088 | 862/73 | 81 | -0/1973 | 0/9236 | 948/93 |
| 82 | -0/09 | -0/0525 | 315/86 | 82 | -0/1282 | -0/0467 | 919/82 | 82 | -0/1751 | -1/0926 | 865/52 | 82 | -0/1814 | -0/9258 | 951/92 |
| 83 | -0/0895 | -0/0413 | 316/59 | 83 | -0/1224 | -0/0205 | 921/18 | 83 | -0/1576 | -1/0959 | 867/79 | 83 | -0/1655 | 0/9105 | 954/42 |
| 84 | -0/0776 | -0/0608 | 317/13 | 84 | -0/1136 | 0/0052 | 922/36 | 84 | -0/1462 | -1/0955 | 869/73 | 84 | -0/1488 | -0/8985 | 956/43 |
| 85 | -0/0526 | -0/0645 | 317/39 | 85 | -0/1001 | -0/0034 | 923/27 | 85 | -0/1292 | -1/0939 | 871/25 | 85 | -0/1295 | 0/8795 | 957/96 |
| 86 | -0/0489 | -0/0134 | 317/6 | 86 | -0/0876 | -0/0213 | 923/97 | 86 | -0/1123 | -1/0897 | 872/4 | 86 | -0/1111 | -0/877 | 959/08 |
| 87 | -0/0508 | -0/0051 | 317/84 | 87 | -0/0741 | -0/029 | 924/47 | 87 | -0/0924 | -1/086 | 873/18 | 87 | -0/0907 | 0/8532 | 959/83 |
| 88 | -0/0376 | -0/0204 | 317/97 | 88 | -0/0597 | -0/0245 | 924/79 | 88 | -0/0771 | -1/0787 | 873/72 | 88 | -0/0708 | -0/8311 | 960/29 |
| 89 | -0/0071 | -0/0093 | 317/97 | 89 | -0/0432 | -0/0227 | 924/96 | 89 | -0/0569 | -1/0701 | 874/01 | 89 | -0/0486 | 0/8046 | 960/5 |
| 90 | 0/0029 | 0/0579 | 317/97 | 90 | -0/0291 | -0/0191 | 925/04 | 90 | -0/0349 | -1/0589 | 874/12 | 90 | -0/0258 | -0/7747 | 960/56 |