|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| کشاورزی | | |  | نفت | | |  | صنایع و معادن | | |  | خدمات | | |
| lag | AC | Q-Stat (Ljung-Box) |  | lag | AC | Q-Stat (Ljung-Box) |  | lag | AC | Q-Stat (Ljung-Box) |  | lag | AC | Q-Stat (Ljung-Box) |
| 1 | 0/4663 | 20/67 |  | 1 | 0/8882 | 74/98 |  | 1 | 0/8846 | 74/37 |  | 1 | 0/947 | 85/23 |
| 2 | -0/0314 | 20/76 |  | 2 | 0/8404 | 142/83 |  | 2 | 0/8468 | 143/26 |  | 2 | 0/9046 | 163/85 |
| 3 | 0/3721 | 34/22 |  | 3 | 0/7936 | 204/03 |  | 3 | 0/793 | 204/37 |  | 3 | 0/8591 | 235/57 |
| 4 | 0/824 | 100/94 |  | 4 | 0/7642 | 261/43 |  | 4 | 0/7874 | 265/31 |  | 4 | 0/8218 | 301/95 |
| 5 | 0/372 | 114/7 |  | 5 | 0/7345 | 315/06 |  | 5 | 0/7293 | 318/17 |  | 5 | 0/7763 | 361/85 |
| 6 | -0/0356 | 114/83 |  | 6 | 0/7127 | 366/14 |  | 6 | 0/7004 | 367/5 |  | 6 | 0/7379 | 416/61 |
| 7 | 0/3101 | 124/61 |  | 7 | 0/6879 | 414/28 |  | 7 | 0/6488 | 410/33 |  | 7 | 0/6907 | 465/16 |
| 8 | 0/6606 | 169/55 |  | 8 | 0/6726 | 460/86 |  | 8 | 0/6458 | 453/27 |  | 8 | 0/6526 | 509 |
| 9 | 0/2787 | 177/64 |  | 9 | 0/6595 | 506/18 |  | 9 | 0/5916 | 489/73 |  | 9 | 0/6124 | 548/07 |
| 10 | -0/0517 | 177/92 |  | 10 | 0/6575 | 551/77 |  | 10 | 0/5597 | 522/77 |  | 10 | 0/572 | 582/57 |
| 11 | 0/2383 | 183/99 |  | 11 | 0/6003 | 590/24 |  | 11 | 0/5018 | 549/65 |  | 11 | 0/5239 | 611/88 |
| 12 | 0/5306 | 214/42 |  | 12 | 0/5372 | 621/43 |  | 12 | 0/4798 | 574/53 |  | 12 | 0/4862 | 637/43 |
| 13 | 0/2221 | 219/82 |  | 13 | 0/4785 | 646/5 |  | 13 | 0/4312 | 594/88 |  | 13 | 0/4493 | 659/54 |
| 14 | -0/0623 | 220/25 |  | 14 | 0/4239 | 666/42 |  | 14 | 0/402 | 612/79 |  | 14 | 0/4163 | 678/75 |
| 15 | 0/1679 | 223/42 |  | 15 | 0/3854 | 683/1 |  | 15 | 0/3599 | 627/34 |  | 15 | 0/3775 | 694/76 |
| 16 | 0/4069 | 242/26 |  | 16 | 0/3488 | 696/95 |  | 16 | 0/3436 | 640/78 |  | 16 | 0/3477 | 708/52 |
| 17 | 0/1597 | 245/2 |  | 17 | 0/319 | 708/68 |  | 17 | 0/3006 | 651/2 |  | 17 | 0/3146 | 719/93 |
| 18 | -0/0733 | 245/83 |  | 18 | 0/2981 | 719/07 |  | 18 | 0/2759 | 660/09 |  | 18 | 0/2864 | 729/52 |
| 19 | 0/1212 | 247/57 |  | 19 | 0/2528 | 726/63 |  | 19 | 0/2406 | 666/95 |  | 19 | 0/256 | 737/28 |
| 20 | 0/3209 | 259/94 |  | 20 | 0/2229 | 732/6 |  | 20 | 0/23 | 673/3 |  | 20 | 0/2293 | 743/59 |
| 21 | 0/1066 | 261/33 |  | 21 | 0/1906 | 737/03 |  | 21 | 0/1928 | 677/83 |  | 21 | 0/1981 | 748/37 |
| 22 | -0/0856 | 262/23 |  | 22 | 0/161 | 740/23 |  | 22 | 0/1744 | 681/59 |  | 22 | 0/1752 | 752/16 |
| 23 | 0/087 | 263/18 |  | 23 | 0/1243 | 742/16 |  | 23 | 0/1468 | 684/29 |  | 23 | 0/1485 | 754/93 |
| 24 | 0/2483 | 271/02 |  | 24 | 0/0883 | 743/15 |  | 24 | 0/1313 | 686/48 |  | 24 | 0/1274 | 756/99 |
| 25 | 0/0564 | 271/43 |  | 25 | 0/0631 | 743/67 |  | 25 | 0/1042 | 687/88 |  | 25 | 0/1026 | 758/35 |
| 26 | -0/0998 | 272/74 |  | 26 | 0/0392 | 743/87 |  | 26 | 0/0862 | 688/86 |  | 26 | 0/0821 | 759/23 |
| 27 | 0/051 | 273/08 |  | 27 | 0/0199 | 743/92 |  | 27 | 0/0582 | 689/31 |  | 27 | 0/0585 | 759/69 |
| 28 | 0/1758 | 277/26 |  | 28 | 0/0009 | 743/92 |  | 28 | 0/0455 | 689/59 |  | 28 | 0/0389 | 759/89 |
| 29 | 0/0073 | 277/26 |  | 29 | -0/0141 | 743/95 |  | 29 | 0/0262 | 689/68 |  | 29 | 0/0183 | 759/94 |
| 30 | -0/1133 | 279/06 |  | 30 | -0/0326 | 744/1 |  | 30 | 0/0102 | 689/7 |  | 30 | 0/0014 | 759/94 |
| 31 | 0/02 | 279/11 |  | 31 | -0/0512 | 744/47 |  | 31 | -0/0126 | 689/72 |  | 31 | -0/0166 | 759/98 |
| 32 | 0/1147 | 281/01 |  | 32 | -0/0648 | 745/07 |  | 32 | -0/0232 | 689/8 |  | 32 | -0/0318 | 760/12 |
| 33 | -0/0341 | 281/18 |  | 33 | -0/0868 | 746/18 |  | 33 | -0/0419 | 690/05 |  | 33 | -0/0482 | 760/46 |
| 34 | -0/1242 | 283/48 |  | 34 | -0/1047 | 747/81 |  | 34 | -0/0569 | 690/54 |  | 34 | -0/0622 | 761/04 |
| 35 | -0/0069 | 283/49 |  | 35 | -0/1183 | 749/94 |  | 35 | -0/0755 | 691/4 |  | 35 | -0/0786 | 761/98 |
| 36 | 0/0611 | 284/06 |  | 36 | -0/1351 | 752/75 |  | 36 | -0/0838 | 692/49 |  | 36 | -0/0915 | 763/27 |
| 37 | -0/0735 | 284/91 |  | 37 | -0/1423 | 755/94 |  | 37 | -0/099 | 694/03 |  | 37 | -0/1055 | 765/02 |
| 38 | -0/1384 | 287/98 |  | 38 | -0/1516 | 759/62 |  | 38 | -0/112 | 696/04 |  | 38 | -0/1178 | 767/24 |
| 39 | -0/0339 | 288/17 |  | 39 | -0/16 | 763/8 |  | 39 | -0/1271 | 698/67 |  | 39 | -0/131 | 770/05 |
| 40 | 0/0197 | 288/24 |  | 40 | -0/1691 | 768/55 |  | 40 | -0/1348 | 701/7 |  | 40 | -0/1422 | 773/41 |
| 41 | -0/0955 | 289/78 |  | 41 | -0/1772 | 773/88 |  | 41 | -0/1483 | 705/43 |  | 41 | -0/1553 | 777/5 |
| 42 | -0/1497 | 293/66 |  | 42 | -0/1859 | 779/85 |  | 42 | -0/1598 | 709/85 |  | 42 | -0/1665 | 782/29 |
| 43 | -0/0642 | 294/39 |  | 43 | -0/1958 | 786/62 |  | 43 | -0/173 | 715/13 |  | 43 | -0/178 | 787/88 |
| 44 | -0/0195 | 294/46 |  | 44 | -0/2082 | 794/43 |  | 44 | -0/1807 | 721/01 |  | 44 | -0/1878 | 794/24 |
| 45 | -0/1139 | 296/84 |  | 45 | -0/2148 | 802/92 |  | 45 | -0/1922 | 727/81 |  | 45 | -0/1992 | 801/54 |
| 46 | -0/1595 | 301/63 |  | 46 | -0/222 | 812/19 |  | 46 | -0/2021 | 735/49 |  | 46 | -0/2086 | 809/72 |
| 47 | -0/0911 | 303/22 |  | 47 | -0/2287 | 822/24 |  | 47 | -0/2118 | 744/12 |  | 47 | -0/2179 | 818/85 |
| 48 | -0/0529 | 303/77 |  | 48 | -0/2384 | 833/41 |  | 48 | -0/2169 | 753/37 |  | 48 | -0/2255 | 828/85 |
| 49 | -0/1281 | 307/07 |  | 49 | -0/2434 | 845/32 |  | 49 | -0/2255 | 763/6 |  | 49 | -0/2348 | 839/93 |
| 50 | -0/1662 | 312/76 |  | 50 | -0/248 | 857/99 |  | 50 | -0/2324 | 774/71 |  | 50 | -0/2422 | 852/01 |
| 51 | -0/1127 | 315/44 |  | 51 | -0/2524 | 871/43 |  | 51 | -0/2394 | 786/8 |  | 51 | -0/25 | 865/19 |
| 52 | -0/0834 | 316/94 |  | 52 | -0/2561 | 885/61 |  | 52 | -0/2435 | 799/62 |  | 52 | -0/2563 | 879/39 |
| 53 | -0/143 | 321/48 |  | 53 | -0/2609 | 900/7 |  | 53 | -0/2509 | 813/57 |  | 53 | -0/2638 | 894/83 |
| 54 | -0/1715 | 328/17 |  | 54 | -0/2663 | 916/83 |  | 54 | -0/2567 | 828/57 |  | 54 | -0/27 | 911/42 |
| 55 | -0/1281 | 332/01 |  | 55 | -0/2718 | 934/1 |  | 55 | -0/2631 | 844/74 |  | 55 | -0/2767 | 929/32 |
| 56 | -0/1049 | 334/65 |  | 56 | -0/2778 | 952/64 |  | 56 | -0/2673 | 861/91 |  | 56 | -0/2819 | 948/41 |
| 57 | -0/1523 | 340/38 |  | 57 | -0/2818 | 972/26 |  | 57 | -0/2746 | 880/54 |  | 57 | -0/2879 | 968/89 |
| 58 | -0/1739 | 348/08 |  | 58 | -0/2851 | 992/93 |  | 58 | -0/2797 | 900/45 |  | 58 | -0/2922 | 990/6 |
| 59 | -0/1414 | 353/32 |  | 59 | -0/2888 | 1014/78 |  | 59 | -0/2847 | 921/69 |  | 59 | -0/2968 | 1013/69 |
| 60 | -0/1235 | 357/44 |  | 60 | -0/2909 | 1037/65 |  | 60 | -0/2872 | 943/98 |  | 60 | -0/3002 | 1038/04 |
| 61 | -0/1584 | 364/44 |  | 61 | -0/2937 | 1061/72 |  | 61 | -0/291 | 967/6 |  | 61 | -0/304 | 1063/83 |
| 62 | -0/1738 | 373/15 |  | 62 | -0/2956 | 1086/91 |  | 62 | -0/293 | 992/35 |  | 62 | -0/3064 | 1090/9 |
| 63 | -0/1519 | 380/03 |  | 63 | -0/2965 | 1113/13 |  | 63 | -0/2949 | 1018/28 |  | 63 | -0/3088 | 1119/34 |
| 64 | -0/1402 | 386/1 |  | 64 | -0/2977 | 1140/51 |  | 64 | -0/2956 | 1045/27 |  | 64 | -0/3095 | 1148/92 |
| 65 | -0/1617 | 394/47 |  | 65 | -0/2972 | 1168/81 |  | 65 | -0/2972 | 1073/56 |  | 65 | -0/3099 | 1179/68 |
| 66 | -0/1678 | 403/84 |  | 66 | -0/2961 | 1197/97 |  | 66 | -0/2964 | 1102/77 |  | 66 | -0/3089 | 1211/4 |
| 67 | -0/1513 | 411/75 |  | 67 | -0/2948 | 1228/03 |  | 67 | -0/2961 | 1133/11 |  | 67 | -0/3083 | 1244/28 |
| 68 | -0/1435 | 419/18 |  | 68 | -0/2932 | 1259/01 |  | 68 | -0/2938 | 1164/2 |  | 68 | -0/3062 | 1278/06 |
| 69 | -0/1578 | 428/54 |  | 69 | -0/2883 | 1290/26 |  | 69 | -0/2918 | 1196/21 |  | 69 | -0/3045 | 1312/92 |
| 70 | -0/1591 | 438/49 |  | 70 | -0/2822 | 1321/56 |  | 70 | -0/2889 | 1229/02 |  | 70 | -0/301 | 1348/52 |
| 71 | -0/1462 | 447/3 |  | 71 | -0/2767 | 1353/1 |  | 71 | -0/2865 | 1262/83 |  | 71 | -0/2979 | 1385/08 |
| 72 | -0/1416 | 455/97 |  | 72 | -0/2713 | 1384/92 |  | 72 | -0/2807 | 1296/91 |  | 72 | -0/2925 | 1422/08 |
| 73 | -0/1509 | 466/33 |  | 73 | -0/2634 | 1416/49 |  | 73 | -0/2776 | 1331/98 |  | 73 | -0/2872 | 1459/62 |
| 74 | -0/1464 | 476/62 |  | 74 | -0/2513 | 1446/84 |  | 74 | -0/2716 | 1367/42 |  | 74 | -0/2808 | 1497/5 |
| 75 | -0/1348 | 485/87 |  | 75 | -0/2437 | 1477/04 |  | 75 | -0/2653 | 1403/23 |  | 75 | -0/2741 | 1535/71 |
| 76 | -0/1327 | 495/39 |  | 76 | -0/2361 | 1507/16 |  | 76 | -0/2562 | 1438/71 |  | 76 | -0/2658 | 1573/91 |
| 77 | -0/1375 | 506/29 |  | 77 | -0/2255 | 1536/47 |  | 77 | -0/2492 | 1474/5 |  | 77 | -0/2575 | 1612/13 |
| 78 | -0/1241 | 515/8 |  | 78 | -0/2134 | 1564/6 |  | 78 | -0/2392 | 1509/85 |  | 78 | -0/2466 | 1649/7 |
| 79 | -0/1129 | 524/27 |  | 79 | -0/1983 | 1590/76 |  | 79 | -0/2288 | 1544/68 |  | 79 | -0/236 | 1686/76 |
| 80 | -0/1128 | 533/45 |  | 80 | -0/1809 | 1614/33 |  | 80 | -0/216 | 1578/3 |  | 80 | -0/2242 | 1723 |
| 81 | -0/1142 | 543/71 |  | 81 | -0/1592 | 1634/26 |  | 81 | -0/2046 | 1611/22 |  | 81 | -0/2111 | 1758/02 |
| 82 | -0/0955 | 551/6 |  | 82 | -0/1365 | 1650/36 |  | 82 | -0/1883 | 1641/86 |  | 82 | -0/1948 | 1790/85 |
| 83 | -0/0849 | 558/53 |  | 83 | -0/1267 | 1665/8 |  | 83 | -0/1731 | 1670/65 |  | 83 | -0/1791 | 1821/67 |
| 84 | -0/0859 | 566/51 |  | 84 | -0/1211 | 1681/66 |  | 84 | -0/1557 | 1696/84 |  | 84 | -0/1633 | 1850/51 |
| 85 | -0/0808 | 574/57 |  | 85 | -0/1122 | 1697/21 |  | 85 | -0/1443 | 1722/55 |  | 85 | -0/1469 | 1877/17 |
| 86 | -0/0541 | 578/78 |  | 86 | -0/0988 | 1711/29 |  | 86 | -0/1275 | 1745/98 |  | 86 | -0/1278 | 1900/7 |
| 87 | -0/0465 | 582/53 |  | 87 | -0/0865 | 1724/23 |  | 87 | -0/1109 | 1767/23 |  | 87 | -0/1096 | 1921/49 |
| 88 | -0/0489 | 587/7 |  | 88 | -0/0732 | 1735/82 |  | 88 | -0/0911 | 1785/17 |  | 88 | -0/0895 | 1938/79 |
| 89 | -0/0387 | 592/03 |  | 89 | -0/0589 | 1745/82 |  | 89 | -0/076 | 1801/83 |  | 89 | -0/0699 | 1952/86 |
| 90 | -0/0079 | 592/3 |  | 90 | -0/0426 | 1753/69 |  | 90 | -0/056 | 1815/42 |  | 90 | -0/048 | 1962/81 |