**Table 4 Summary of Results**

|  |  |  |
| --- | --- | --- |
| SERIES/PERIOD COVERED | OPTIONS | SUMMARY MEASURES |
| All Items – PHILS  January 2012 – January 2020 | Multiplicative  Model: (0,2,2)(0,1,1)  With transformation - none  F-value: 2.921  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.91  Check: M7, M8, M9, M10, M11 |
| All Items – AONCR  January 2012 – January 2020 | Additive  Model: (2,1,0)(0,1,1)  With transformation - none  F-value: 3.209  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.85  Check: M7, M8, M9, M10, M11 |
| Food and Non-alcoholic Beverages – PHILS  January 2012 – January 2020 | Multiplicative  Model: (2,1,2)(0,1,1)  With transformation - none  F-value: 20.582  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.36 |
| Food and Non-alcoholic Beverages – NCR  January 2012 – January 2020 | Multiplicative  Model: (2,1,2)(0,1,1)  With transformation - none  F-value: 14.011  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.43  Check: M10, M11 |
| Food and Non-alcoholic Beverages – AONCR  January 2012 – January 2020 | Additive  Model: (2,1,0)(0,1,1)  With transformation - none  F-value: 17.467  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.40 |
| Alcoholic Beverages and Tobacco – PHILS  January 2012 – January 2020 | Additive  Model: (2,1,2)(0,1,1)  With transformation - none  F-value: 13.259  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.44  Check: M4 |
| Alcoholic Beverages and Tobacco – NCR  January 2012 – January 2020 | Multiplicative  Model: (2,1,2)(0,1,1)  With transformation - none  F-value: 13.653  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.44  Check: M4 |
| Alcoholic Beverages and Tobacco – AONCR  January 2012 – January 2020 | Additive  Model: (2,1,2)(0,1,1)  With transformation - none  F-value: 12.090  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.40 |
|  | | |

**Table 4 Summary of Results – (continued)**

|  |  |  |
| --- | --- | --- |
| SERIES/PERIOD COVERED | OPTIONS | SUMMARY MEASURES |
| Non-Food – PHILS  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation - none  F-Value: 6.327  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.54  Check: M4, M8, M10, M11 |
| Non-Food – NCR  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation - none  F-Value: 5.547  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.56  Check: M7, M10, M11 |
| Non-Food – AONCR  January 2012 – January 2020 | Additive  Model: (2,1,2)(0,1,1)  With transformation - none  F-Value: 5.044  MAVS: 3x5 MA  MAVTC: 9-term MA | Accepted at level 0.53  Check: M8, M10, M11 |
| Clothing and Footwear - PHILS  January 2012 – January 2020 | Multiplicative  Model: (0,1,2)(0,1,1)  With transformation - none  F-value: 4.302  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.83  Check: M7, M8, M9, M10, M11 |
| Clothing and Footwear - NCR  January 2012 – January 2020 | Additive  Model: None  With transformation - none  F-value: 2.918  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.78  Check: M7, M8, M9, M10, M11 |
| Housing, Water, Electricity, Gas and Other Fuels - PHILS  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation – none  F-value: 8.485  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.47  Check: M10, M11 |
| Housing, Water, Electricity, Gas and Other Fuels - AONCR  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation – none  F-value: 7.359  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.67  Check: M4, M8, M10, M11 |
| Furnishing, Household Equipment and Routine Maintenance of the House -PHILS  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation – none  F-value: 6.509  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.56  Check: M7, M8, M9, M10, M11 |

**Table 4 Summary of Results – (continued)**

|  |  |  |
| --- | --- | --- |
| SERIES/PERIOD COVERED | OPTIONS | SUMMARY MEASURES |
| Furnishing, Household Equipment and Routine Maintenance of the House -NCR  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation – none  F-value: 2.929  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.72  Check: M7, M8, M9, M10, M11 |
| Furnishing, Household Equipment and Routine Maintenance of the House -AONCR  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation - none  F-value: 3.543  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.79  Check: M7, M8, M9, M10, M11 |
| Health – PHILS  January 2012 – January 2020 | Multiplicative  Model: (0,1,2)(0,1,1)  With transformation – none  F-value: 6.241  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.62  Check: M8, M9, M10, M11 |
| Health –NCR  January 2012 – January 2020 | Multiplicative  Model: (2,1,0)(0,1,1)  With transformation - none  F-value: 9.674  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.65  Check: M4, M8, M9, M10, M11 |
| Health – AONCR  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation - none  F-value: 2.756  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.72  Check: M7, M8, M9, M10, M11 |
| Transport – AONCR  January 2012 – January 2020 | Multiplicative  Model: (0,1,2)(0,1,1)  With transformation - none  F-value: 3.072  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at level 0.77  Check: M4, M7, M8, M9, M10, M11 |
| Recreation and Culture - PHILS  January 2012 – January 2020 | Multiplicative  Model: (0,1,1)(0,1,1)  With transformation – none  F-value: 4.722  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at level 0.91  Check: M4, M7, M8, M9, M10, M11 |
| Recreation and Culture - NCR  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation – none  F-value: 7.391  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at level 0.71  Check: M7, M8, M9, M10, M11 |

**Table 4 Summary of Results – (concluded)**

|  |  |  |
| --- | --- | --- |
| SERIES/PERIOD COVERED | OPTIONS | SUMMARY MEASURES |
| Recreation and Culture - AONCR  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation – none  F-value: 4.621  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at level 0.85  Check: M7, M8, M9, M10, M11 |
| Education – PHILS  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation - none  F-value: 15.430  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at the level 0.48  Check: M4, M10, M11 |
| Education –NCR  January 2012 – January 2020 | Multiplicative  Model: (0,1,1)(0,1,1)  With transformation - none  F-value: 75.507  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at the level 0.33  Check: M4 |
| Education – AONCR  January 2012 – January 2020 | Additive  Model: (0,1,2)(0,1,1)  With transformation - none  F-value: 9.215  MAVS: 3X3 MA  MAVTC: 9-term MA | Accepted at the level 0.60  Check: M4, M6, M8, M10, M11 |
| Restaurant and Miscellaneous Goods and Services - PHILS  January 2012 – January 2020 | Additive  Model: (2,1,0)(0,1,1)  With transformation - none  F-value: 2.731  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at the level 0.75  Check: M7, M8, M9, M10, M11 |
| Restaurant and Miscellaneous  Goods and Services – NCR  January 2012 – January 2020 | Multiplicative  Model: (0,2,2)(0,1,1)  With transformation - none  F-value: 4.685  MAVS: 3X5 MA  MAVTC: 9-term MA | Accepted at the level 0.60  Check: M7, M8, M9, M10, M11 |
| Restaurant and Miscellaneous  Goods and Services – AONCR  January 2012 – January 2020 | Additive  Model: (0,1,1)(0,1,1)  With transformation - none  F-value: 1.050  MAVS: 3X5 MA  MAVTC: 9-term MA | Rejected at the level 1.14  Check: M7, M8, M9, M10, M11 |