**ATTACHMENTS**

**Data of Grant Expenditure, Social Aids Expenditure and Discretionary Fund (in million Rupiah)**

**Samples from Incumbents of Heads of District and Mayors**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | District Name/Municipal | Grant Expenditure | Social Aids Expenditure | Discretionary Fund | Grant Expenditure | Social Aids Expenditure | Discretionary Fund |
| 2015 | | | 2016 | | |
| **Districts** | | | | | | | |
| 1 | Aceh Timur | 28.005 | 42.475 | 70.480 | 74.751 | 49.288 | 124.039 |
| 2 | Aceh Barat | 5.442 | 2.078 | 7.520 | 26.416 | 2.492 | 28.908 |
| 3 | Pidie | 80.925 | 19.788 | 100.713 | 118.910 | 23.952 | 142.862 |
| 4 | Aceh Utara | 41.504 | 45.802 | 87.306 | 84.952 | 17.696 | 102.648 |
| 5 | Bireuen | 47.317 | 43.083 | 90.400 | 66.809 | 31.278 | 98.087 |
| 6 | Aceh Tamiang | 46.792 | 38.658 | 85.450 | 65.111 | 24.800 | 89.911 |
| 7 | Kepulauan Mentawai | 4.633 | 307 | 4.940 | 30.089 | 291 | 30.380 |
| 8 | Bengkulu Tengah | 8.904 | 120 | 9.024 | 17.473 | 4.292 | 21.765 |
| 9 | Tulang Bawang | 9.768 | 117 | 9.885 | 42.255 | 279 | 42.534 |
| 10 | Mesuji | 2.147 | 30.249 | 32.396 | 24.437 | 29.105 | 53.542 |
| 11 | Tulang Bawang Barat | - | 7.446 | 7.446 | 20.931 | 10 | 20.941 |
| 12 | Cilacap | 30.523 | 2.971 | 33.494 | 67.467 | 11.683 | 79.150 |
| 13 | Jepara | 21.020 | 6.804 | 27.824 | 59.372 | 9.682 | 69.054 |
| 14 | Buleleng | 72.754 | 5.169 | 77.923 | 89.053 | 1800 | 90.853 |
| 15 | Hulu Sungai Utara | 14.997 | 3.824 | 18.821 | 43.483 | 3.374 | 46.857 |
| 16 | Bekasi | 38.267 | 70.392 | 108.659 | 112.957 | 98.746 | 211.703 |
| 17 | Buol | - | 5.175 | 5.175 | 28.348 | 7.344 | 35.692 |
| 18 | Takalar | - | 2.750 | 2.750 | 27.423 | - | 27.423 |
| 19 | Buton | 12.993 | 258 | 13.251 | 31.232 | - | 31.232 |
| 20 | Boalemo | 3.429 | 220 | 3.649 | 28.195 | - | 28.195 |
| 21 | Buru | 14.785 | 902 | 20.732 | 57.557 | 1.441 | 58.998 |
| 22 | Kotawaringin Barat | 35.316 | 843 | 36.159 | 54.837 | 354 | 55.191 |
| 23 | Mappi | 48.944 | 5.947 | 54.891 | 226.930 | 6.943 | 233.873 |
| 24 | Kulon Progo | 8.395 | 7.496 | 15.891 | 33.571 | 4.426 | 37.997 |
| 25 | Maluku Tengah | 31.456 | 5.085 | 36.541 | 74.708 | 6.349 | 81.057 |
| 26 | Intan Jaya | 16.624 | 19.911 | 36.535 | 97.495 | 16.040 | 113.535 |
| **Municipals** | |  |  |  |  |  |  |
| 27 | Banda Aceh | 49.994 | 1.656 | 51.650 | 80.422 | 1.705 | 82.127 |
| 28 | Sabang | 65.032 | 5.225 | 70.257 | 57.219 | 5.018 | 62.237 |
| 29 | Lhokseumawe | 29.669 | 94.154 | 123.823 | 51.927 | 22.947 | 74.874 |
| 30 | Payakumbuh | 1.965 | - | 1.965 | 15.649 | - | 15.649 |
| 31 | Cimahi | 2.200 | 50 | 2.250 | 52.345 | 160 | 212.345 |
| 32 | Tasikmalaya | 42.259 | 6.328 | 48.587 | 86.077 | 2.489 | 88.566 |
| 33 | Yogyakarta | 47.372 | 4.534 | 51.906 | 62.046 | 1.545 | 63.591 |
| 34 | Kupang | 18.126 | 6.147 | 24.273 | 40.179 | 6.168 | 46.347 |
| 35 | Ambon | 20.487 | 6.191 | 26.678 | 33.985 | 9.000 | 42.985 |

**Data of Grant Expenditure, Social Aids Expenditure and Discretionary Fund Year 2016 (in million Rupiah)**

**Samples of Non-Incumbent of Heads of District and Mayors**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | District Name | Grant Expenditure | Social Aids Expenditure | Discretionary Fund |
| Rupiah | Rupiah | Rupiah |
| **Districts** | | | | |
| 1 | Aceh Tenggara | 86.072 | - | 86.072 |
| 2 | Landak | 36.622 | 2.057 | 38.679 |
| 3 | Barito Kuala | 39.334 | 1.738 | 41.072 |
| 4 | Aceh Barat Daya | 57.361 | 17.325 | 74.686 |
| 5 | Aceh Jaya | 61.224 | 49.213 | 110.437 |
| 6 | Nagan Raya | 20.982 | 2.783 | 23.765 |
| 7 | Bener Meriah | 43.109 | 9.478 | 52.587 |
| 8 | Tapanuli Tengah | 29.032 | 3.451 | 32.483 |
| 9 | Banggai Kepulauan | 38.617 | 303 | 38.920 |
| 10 | Sarolangun | 30.200 | 50 | 30.250 |
| 11 | Muaro Jambi | 37.982 | 15 | 37.997 |
| 12 | Tebo | 41.441 | - | 41.441 |
| 13 | Musi Banyuasin | 92.058 | 893 | 92.951 |
| 14 | Lampung Barat | 26.527 | 100 | 26.627 |
| 15 | Banjarnegara | 47.938 | 16.154 | 64.092 |
| 16 | Batang | 80.443 | 27.062 | 107.505 |
| 17 | Lembata | 19.763 | 272 | 20.035 |
| 18 | Bombana | 27.813 | 1.737 | 29.550 |
| 19 | Bolaang Mongondow | 32.401 | 345 | 32.746 |
| 20 | Kolaka Utara | 30.728 | 244 | 30.972 |
| 21 | Muna Barat | 30.474 | - | 30.474 |
| 22 | Buton Tengah | 26.195 | - | 26.195 |
| 23 | Buton Selatan | 24.544 | 562 | 25.106 |
| 24 | Seram Bagian Barat | 30.549 | 255 | 30.804 |
| 25 | Pulau Morotai | 32.999 | 2.965 | 35.964 |
| **Municipals** | | | | |
| 26 | Tebing Tinggi | 20.240 | - | 20.240 |
| 27 | Batu | 90.188 | 7.905 | 98.093 |
| 28 | Kendari | 33.531 | 25 | 33.556 |
| 29 | Salatiga | 18.679 | 17.380 | 36.059 |

**Hypothesis 1 Examination**

**T-Test**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paired Samples Statistics** | | | | | | | | | |
|  | | Mean | | N | | Std. Deviation | | Std. Error Mean | |
| Pair 1 | MeanlogGE2016 | 4.69917 | | 35 | | .258094 | | .043626 | |
| MeanlogGE2015 | 3.90326 | | 35 | | 1.291592 | | .218319 | |
| **Paired Samples Correlations** | | | | | | | | |
|  | | | N | | Correlation | | Sig. | |
| Pair 1 | MeanlogGE2016 & MeanlogGE2015 | | 35 | | .579 | | .000 | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Paired Samples Test** | | | | | | | | | |
|  | | Paired Differences | | | | | t | Df | Sig. (2-tailed) |
| Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Pair 1 | MeanlogGE2016 - MeanlogGE2015 | .795914 | 1.161406 | .196313 | .396957 | 1.194871 | 4.054 | 34 | .000 |

**Hypothesis 2 Examination**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Mean | Std. Deviation | Minimum | Maximum |
| SAE2016 | 35 | 11448.49 | 19015.075 | 0 | 98746 |
| SAE2015 | 35 | 14061.57 | 21916.680 | 0 | 94154 |

**Wilcoxon Signed Ranks Test**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ranks** | | | | | | | |
|  | | | N | Mean Rank | | Sum of Ranks | |
| SAE2015 -SAE2016 | Negative Ranks | | 16a | 16.00 | | 256.00 | |
| Positive Ranks | | 18b | 18.83 | | 339.00 | |
| Ties | | 1c |  | |  | |
| Total | | 35 |  | |  | |
| a. SAE2015 < SAE2016 | | | | | | | |
| b. SAE2015 > SAE2016 | | | | | | | |
| c. SAE2015 = SAE2016 | | | | | | | |
| **Test Statisticsa,c** | | | | | | | | |
|  | | | | | | | SAE2015 - SAE2016 | |
| Z | | | | | | | -.710b | |
| Asymp. Sig. (2-tailed) | | | | | | | .478 | |
| Monte Carlo Sig. (2-tailed) | | Sig. | | | | | .486 | |
| 95% Confidence Interval | | | Lower Bound | | .320 | |
| Upper Bound | | .651 | |
| Monte Carlo Sig. (1-tailed) | | Sig. | | | | | .229 | |
| 95% Confidence Interval | | | Lower Bound | | .089 | |
| Upper Bound | | .368 | |
| a. Wilcoxon Signed Ranks Test | | | | | | | | |
| b. Based on negative ranks. | | | | | | | | |
| c. Based on 35 sampled tables with starting seed 299883525. | | | | | | | | |

**Hypothesis 3 Examination**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Mean | Std. Deviation | Minimum | Maximum |
| DF2016 | 35 | 75575.66 | 54541.713 | 15649 | 233873 |
| DF2015 | 35 | 39978.40 | 34708.049 | 1965 | 123823 |

**Wilcoxon Signed Ranks Test**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ranks** | | | | | | | |
|  | | | N | Mean Rank | | Sum of Ranks | |
| DF2015 - DF2016 | Negative Ranks | | 33a | 18.09 | | 597.00 | |
| Positive Ranks | | 2b | 16.50 | | 33.00 | |
| Ties | | 0c |  | |  | |
| Total | | 35 |  | |  | |
| a. DF2015 < DF2016 | | | | | | | |
| b. DF2015 > DF2016 | | | | | | | |
| c. DF2015 = DF2016 | | | | | | | |
| **Test Statisticsa,c** | | | | | | | | |
|  | | | | | | | DF2015 - DF2016 | |
| Z | | | | | | | -4.619b | |
| Asymp. Sig. (2-tailed) | | | | | | | .000 | |
| Monte Carlo Sig. (2-tailed) | | Sig. | | | | | .000 | |
| 95% Confidence Interval | | | Lower Bound | | .000 | |
| Upper Bound | | .082 | |
| Monte Carlo Sig. (1-tailed) | | Sig. | | | | | .000 | |
| 95% Confidence Interval | | | Lower Bound | | .000 | |
| Upper Bound | | .082 | |
| a. Wilcoxon Signed Ranks Test | | | | | | | | |
| b. Based on positive ranks. | | | | | | | | |
| c. Based on 35 sampled tables with starting seed 299883525. | | | | | | | | |

**Hypothesis 4 Examination**

**T-Test**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Statistics** | | | | | |
|  | Group | N | Mean | Std. Deviation | Std. Error Mean |
| GrantExpenditure | 1.00 | 35 | 4.6992 | .25809 | .04363 |
| 2.00 | 29 | 4.5652 | .19714 | .03661 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| F | Sig. | T | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| GrantExpenditure | Equal variances assumed | 2.880 | .095 | 2.295 | 62 | .025 | .13400 | .05840 | .01727 | .25073 |
| Equal variances not assumed |  |  | 2.353 | 61.633 | .022 | .13400 | .05695 | .02014 | .24786 |

**Variance Testing**

**F = = while F34,28(0.05) = 1,82**

**Because F < F table then accept H0, same variance**

**Hypothesis 5 Examination**

**Mann-Whitney Test**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ranks** | | | | | | |
|  | Group | N | | Mean Rank | Sum of Ranks | |
| SAE | 1 | 35 | | 36.80 | 1288.00 | |
| 2 | 29 | | 27.31 | 792.00 | |
| Total | 64 | |  |  | |
| **Test Statisticsa** | | | | | | | | |
|  | | | | | | | | SAE |
| Mann-Whitney U | | | | | | | | 357.000 |
| Wilcoxon W | | | | | | | | 792.000 |
| Z | | | | | | | | -2.033 |
| Asymp. Sig. (2-tailed) | | | | | | | | .042 |
| Monte Carlo Sig. (2-tailed) | | | Sig. | | | | | .044b |
| 95% Confidence Interval | | | Lower Bound | | .040 |
| Upper Bound | | .048 |
| Monte Carlo Sig. (1-tailed) | | | Sig. | | | | | .022b |
| 95% Confidence Interval | | | Lower Bound | | .019 |
| Upper Bound | | .024 |
| a. Grouping Variable: Group | | | | | | | | |
| b. Based on 10000 sampled tables with starting seed 926214481. | | | | | | | | |

**Hypothesis 6 Examination**

**Mann-Whitney Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ranks** | | | | |
|  | Group | N | Mean Rank | Sum of Ranks |
| DF | 1 | 35 | 37.61 | 1316.50 |
| 2 | 29 | 26.33 | 763.50 |
| Total | 64 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Statisticsa** | | | |
|  | | | DF |
| Mann-Whitney U | | | 328.500 |
| Wilcoxon W | | | 763.500 |
| Z | | | -2.414 |
| Asymp. Sig. (2-tailed) | | | .016 |
| Monte Carlo Sig. (2-tailed) | Sig. | | .016b |
| 95% Confidence Interval | Lower Bound | .014 |
| Upper Bound | .018 |
| Monte Carlo Sig. (1-tailed) | Sig. | | .008b |
| 95% Confidence Interval | Lower Bound | .007 |
| Upper Bound | .010 |
| a. Grouping Variable: Group | | | |
| b. Based on 10000 sampled tables with starting seed 1314643744. | | | |

**Testing of Data Normality**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Testing of Normality Log Grant Expenditure Samples of Incumbents** | | | | | |
| **Year 2015** | | | **Year 2016** | | |
| No | X1 | X12 | No | X2 | X22 |
| 1 | 4.447 | 19.778 | 1 | 4.874 | 23.752 |
| 2 | 3.736 | 13.956 | 2 | 4.422 | 19.553 |
| 3 | 4.908 | 24.089 | 3 | 5.075 | 25.758 |
| 4 | 4.618 | 21.327 | 4 | 4.929 | 24.297 |
| 5 | 4.675 | 21.856 | 5 | 4.825 | 23.279 |
| 6 | 4.670 | 21.811 | 6 | 4.814 | 23.171 |
| 7 | 3.669 | 13.459 | 7 | 4.478 | 20.056 |
| 8 | 3.950 | 15.599 | 8 | 4.242 | 17.998 |
| 9 | 3.990 | 15.919 | 9 | 4.626 | 21.399 |
| 10 | 3.332 | 11.101 | 10 | 4.388 | 19.255 |
| 11 | - | - | 11 | 4.321 | 18.669 |
| 12 | 4.485 | 20.112 | 12 | 4.829 | 23.320 |
| 13 | 4.323 | 18.685 | 13 | 4.774 | 22.787 |
| 14 | 4.862 | 23.638 | 14 | 4.950 | 24.499 |
| 15 | 4.176 | 17.439 | 15 | 4.638 | 21.514 |
| 16 | 4.583 | 21.002 | 16 | 5.053 | 25.532 |
| 17 | - | - | 17 | 4.453 | 19.825 |
| 18 | - | - | 18 | 4.438 | 19.697 |
| 19 | 4.114 | 16.923 | 19 | 4.495 | 20.201 |
| 20 | 3.535 | 12.497 | 20 | 4.450 | 19.804 |
| 21 | 4.170 | 17.387 | 21 | 4.760 | 22.659 |
| 22 | 4.548 | 20.684 | 22 | 4.739 | 22.459 |
| 23 | 4.690 | 21.993 | 23 | 5.356 | 28.686 |
| 24 | 3.924 | 15.398 | 24 | 4.526 | 20.484 |
| 25 | 4.498 | 20.229 | 25 | 4.873 | 23.750 |
| 26 | 4.221 | 17.815 | 26 | 4.989 | 24.890 |
| 27 | 4.699 | 22.080 | 27 | 4.905 | 24.063 |
| 28 | 4.813 | 23.166 | 28 | 4.758 | 22.634 |
| 29 | 4.472 | 20.001 | 29 | 4.715 | 22.235 |
| 30 | 3.293 | 10.846 | 30 | 4.194 | 17.594 |
| 31 | 3.342 | 11.172 | 31 | 4.719 | 22.268 |
| 32 | 4.626 | 21.399 | 32 | 4.935 | 24.353 |
| 33 | 4.676 | 21.861 | 33 | 4.793 | 22.970 |
| 34 | 4.258 | 18.133 | 34 | 4.604 | 21.197 |
| 35 | 4.311 | 18.589 | 35 | 4.531 | 20.533 |
| **∑** | **137** | **590** | **∑** | **164** | **775** |
| **(∑x)2** | **18,663** |  | **(∑x)2** | **27,050.63** |  |
| ***S12*** | **1.719** |  | ***S12*** | **0.069** |  |
| **S1** | **1.311** |  | **S1** | **0.262** |  |
| **W** | **4.908** |  | **W** | **1.16** |  |
| **Q** | **3.744** |  | **Q** | **4.43** |  |
| **Table** | **3.58 - 5.04** |  | **Table** | **3.58 - 5.04** |  |
| **Decision** | **Normal** |  | **Explanation** | **Normal** |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Testing of Grant Expenditure Normality of 2016** | | | | | |
| **Log Incumbent’s Grant Expenditure** | | | **Log Non-incumbent’s Grant Expenditure** | | |
| No | X1 | X12 | No | X2 | X22 |
| 1 | 4.874 | 23.752 | 1 | 4.935 | 24.353 |
| 2 | 4.422 | 19.553 | 2 | 4.564 | 20.828 |
| 3 | 5.075 | 25.758 | 3 | 4.595 | 21.112 |
| 4 | 4.929 | 24.297 | 4 | 4.759 | 22.644 |
| 5 | 4.825 | 23.279 | 5 | 4.787 | 22.915 |
| 6 | 4.814 | 23.171 | 6 | 4.322 | 18.678 |
| 7 | 4.478 | 20.056 | 7 | 4.635 | 21.479 |
| 8 | 4.242 | 17.998 | 8 | 4.463 | 19.917 |
| 9 | 4.626 | 21.399 | 9 | 4.587 | 21.039 |
| 10 | 4.388 | 19.255 | 10 | 4.480 | 20.070 |
| 11 | 4.321 | 18.669 | 11 | 4.580 | 20.973 |
| 12 | 4.829 | 23.320 | 12 | 4.617 | 21.321 |
| 13 | 4.774 | 22.787 | 13 | 4.964 | 24.642 |
| 14 | 4.950 | 24.499 | 14 | 4.424 | 19.569 |
| 15 | 4.638 | 21.514 | 15 | 4.681 | 21.909 |
| 16 | 5.053 | 25.532 | 16 | 4.905 | 24.064 |
| 17 | 4.453 | 19.825 | 17 | 4.296 | 18.454 |
| 18 | 4.438 | 19.697 | 18 | 4.444 | 19.751 |
| 19 | 4.495 | 20.201 | 19 | 4.511 | 20.345 |
| 20 | 4.450 | 19.804 | 20 | 4.488 | 20.138 |
| 21 | 4.760 | 22.659 | 21 | 4.484 | 20.106 |
| 22 | 4.739 | 22.459 | 22 | 4.418 | 19.521 |
| 23 | 5.356 | 28.686 | 23 | 4.390 | 19.272 |
| 24 | 4.526 | 20.484 | 24 | 4.485 | 20.115 |
| 25 | 4.873 | 23.750 | 25 | 4.519 | 20.417 |
| 26 | 4.989 | 24.890 | 26 | 4.306 | 18.543 |
| 27 | 4.905 | 24.063 | 27 | 4.955 | 24.553 |
| 28 | 4.758 | 22.634 | 28 | 4.525 | 20.480 |
| 29 | 4.715 | 22.235 | 29 | 4.271 | 18.244 |
| 30 | 4.194 | 17.594 |  |  |  |
| 31 | 4.719 | 22.268 |  |  |  |
| 32 | 4.935 | 24.353 |  |  |  |
| 33 | 4.793 | 22.970 |  |  |  |
| 34 | 4.604 | 21.197 |  |  |  |
| 35 | 4.531 | 20.533 |  |  |  |
| **∑** | **164.471** | **775.139** | **∑** | **132.388** | **605.452** |
| **(∑x)2** | **27,051** |  | **(∑x)2** | **17,527** |  |
| ***S12*** | **0.067** |  | ***S12*** | **0.039** |  |
| **S1** | **0.258** |  | **S1** | **0.197** |  |
| **W** | **1.161** |  | **W** | **0.693** |  |
| **Q** | **4.50** |  | **Q** | **3.51** |  |
| **Table** | **3.58 - 5.04** |  | **Table** | **3.47 - 4.89** |  |
| **Decision** | **Normal** |  | **Explanation** | **Normal** |  |
|  |  |  |  |  |  |