**Table 1**

Allocated area per pupil data for all schools.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. of schools | Allocation of area per pupil (m2) | | | | |
| Min. | Max. | Average | S.D. | S.E. |
| 46 | 1.38 | 5.75 | 2.50 | 0.227 | 0.0335 |

**Table 2**

Noise measurements showing conformance of with the OSHA standard.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. of measurements | Noise measurement (db) | | | | |
| Minimum reading | Maximum reading | Average | Standard deviation | Standard error |
| 230 | 60 | 89.5 | 74.9 | 4.302 | 0.284 |

**Table 3**

Data for schools with low illumination levels (H0:μ=300 versus H1:μ < 300) with significant correlation at 0.05 level.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% upper**  **bound** | **T** | **P** |
| Al-Mansouryah - Girls | 5 | 192.4 | 60.111 | 26.883 | 249.71 | -4.00 | 0.008 |
| Al-Mubarakeyah -Boys | 5 | 222.5 | 70.964 | 31.736 | 290.16 | -2.44 | 0.036 |
| Al-Jazae'r - Girls | 5 | 192.4 | 60.111 | 26.883 | 249.71 | -4.00 | 0.008 |
| Al-Emam Malek - Boys | 5 | 222.5 | 70.964 | 31.736 | 290.16 | -2.44 | 0.036 |

**Table 4**

Data for schools with elevated illumination levels (H0:μ=1000 versus H1:μ >1000) with significant correlation at 0.05 level

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% lower**  **bound** | **T** | **P** |
| Al-Ahmadi - Boys | 5 | 1072.80 | 115.670 | 51.730 | 962.520 | 3.34 | 0.014 |

**Table 5**

School temperature data with their descriptive statistical analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | N | Mean | StDev | SE Mean |
| Al-Ahmadi - Boys | 5 | 26.44 | 0.7162 | 0.3203 |
| Balat Al-Shuhada'a - Boys | 5 | 25.46 | 0.6269 | 0.2804 |
| Fatema Bent Asad - Girls | 5 | 25.24 | 0.4930 | 0.2205 |
| Al-Zoor - Girls | 5 | 24.02 | 0.2950 | 0.1319 |
| Anas Iben Malek - Boys | 5 | 24.94 | 0.5983 | 0.2676 |
| Al-Retqqa - Girls | 5 | 24.84 | 0.6656 | 0.2977 |
| Um Al-Haiman - Girls | 5 | 24.00 | 0.3606 | 0.1612 |
| Um Al-Hareth Al-Anssaryah - Girls | 5 | 28.76 | 2.4583 | 1.0994 |
| Sabah Al-Salem - Boys | 5 | 24.98 | 0.9910 | 0.4432 |
| Omar Ben Al-Khatab - Boys | 5 | 23.96 | 0.5941 | 0.2657 |
| Al-Emam Malek - Boys | 5 | 24.74 | 1.2700 | 0.5680 |
| Jaber Abdullah Al-Sabah - Boys | 5 | 24.70 | 1.2510 | 0.5595 |
| Labeed Iben Rabeea'a - Boys | 5 | 23.96 | 0.9072 | 0.4057 |
| Al-Jahra - Girls | 5 | 24.18 | 1.2194 | 0.5453 |
| Fatema Al-Hashemyah - Girls | 5 | 23.40 | 0.4583 | 0.2049 |
| Abdullah Mubarak Al-Sabah - Boys | 5 | 23.62 | 0.7950 | 0.3555 |
| Mohammed Al-Mehaini - Boys | 5 | 23.84 | 1.5010 | 0.6713 |
| Al-Kindy - Boys | 5 | 23.38 | 0.7259 | 0.3247 |
| Al-Jahra - Boys | 5 | 24.06 | 5.2305 | 2.3391 |
| Suaad Bent Salamah - Girls | 5 | 23.02 | 0.6535 | 0.2922 |
| Sabah Al-Salem - Girls | 5 | 22.88 | 0.3962 | 0.1772 |
| Fatema Al-Sara'awy - Girls | 5 | 22.68 | 0.5891 | 0.2634 |
| Al-Shargeyah - Girls | 5 | 22.66 | 0.4393 | 0.1965 |
| Lateefa Al-Fares - Girls | 5 | 21.72 | 1.3554 | 0.6061 |
| Al-Furdous - Girls | 5 | 22.26 | 0.7570 | 0.3385 |
| Nasser Abdulmuhsen Al-Saeed - Boys | 5 | 22.54 | 0.3847 | 0.1720 |
| Falasteen - Boys | 5 | 21.90 | 0.9000 | 0.4025 |
| Abdulateef Thnyan Al-Ghanim - Boys | 5 | 22.18 | 0.6058 | 0.2709 |
| Al-Mansouryah - Girls | 5 | 21.56 | 0.9397 | 0.4202 |
| Al-Mubarakeyah - Boys | 5 | 21.06 | 1.0286 | 0.4600 |
| Al-Rabee'a bent Mua'awath - Girls | 5 | 21.32 | 0.8614 | 0.3852 |
| Al-Nawar Bent Malek - Girls | 5 | 22.02 | 0.4147 | 0.1855 |
| Ruzainah - Girls | 5 | 22.64 | 0.1517 | 0.0678 |
| Abdullah Abdulateef Al-Rejaib - Boys | 5 | 20.72 | 0.6611 | 0.2956 |
| Abdullah Al-Jaber Al-Sabah - Boys | 5 | 20.42 | 0.8643 | 0.3865 |
| Jaber Al-Ahmad Al-Sabah - Boys | 5 | 20.72 | 0.6611 | 0.2956 |
| Yousef Ben Essa - Boys | 5 | 21.84 | 0.3362 | 0.1503 |
| Abraq Khaitan - Girls | 5 | 21.06 | 0.4506 | 0.2015 |
| Al-Jaberiah - Girls | 5 | 21.10 | 0.4000 | 0.1789 |
| Al-Jazae'r - Girls | 5 | 18.62 | 0.2387 | 0.1068 |
| Al-Yarmouk - Girls | 5 | 20.92 | 0.3962 | 0.1772 |
| Essa Ahmed Al-Hama - Boys | 5 | 20.74 | 0.4980 | 0.2227 |
| Lateefa Al-Shemali - Girls | 5 | 20.26 | 0.4393 | 0.1965 |
| Saad Ben Rabeea'a - Boys | 5 | 20.68 | 0.5357 | 0.2396 |
| Salwa - Girls | 5 | 21.76 | 0.2702 | 0.1208 |
| Um Al-Hakam Bent Abi Sufyan - Girls | 5 | 19.28 | 0.4207 | 0.1881 |

**Table 6**

Lone school with marginally low temperature with a significant correlation at 0.05 level.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% upper**  **bound** | **T** | **P** |
| Al-Jazae'r - Girls | 5 | 18.6200 | 0.2387 | 0.1068 | 18.8476 | -3.56 | 0.012 |

**Table 7**

Temperature in schools with temperatures exceeding ASHRAE recommended limits with significant correlation at 0.05 level.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% lower**  **bound** | **T** | **P** |
| Al-Ahmadi - Boys | 5 | 26.44 | 0.7162 | 0.3203 | 25.7571 | 10.74 | 0.000 |
| Balat Al-Shuhada'a - Boys | 5 | 25.46 | 0.6269 | 0.2804 | 24.8623 | 8.77 | 0.000 |
| Fatema Bent Asad - Girls | 5 | 25.24 | 0.4930 | 0.2205 | 24.7700 | 10.16 | 0.000 |
| Al-Zoor - Girls | 5 | 24.02 | 0.2950 | 0.1319 | 23.7388 | 7.73 | 0.001 |
| Anas Iben Malek - Boys | 5 | 24.94 | 0.5983 | 0.2676 | 24.3696 | 7.25 | 0.001 |
| Al-Retqqa - Girls | 5 | 24.84 | 0.6656 | 0.2977 | 24.2054 | 6.18 | 0.002 |
| Um Al-Heaman - Girls | 5 | 24.00 | 0.3606 | 0.1612 | 23.6563 | 6.20 | 0.002 |
| Um Al-Hareth Al-Anssaryah - Girls | 5 | 28.76 | 2.4583 | 1.0994 | 26.4163 | 5.24 | 0.003 |
| Sabah Al-Salem - Boys | 5 | 24.98 | 0.9910 | 0.4432 | 24.0352 | 4.47 | 0.006 |
| Omar Ben Al-Khatab - Boys | 5 | 23.96 | 0.5941 | 0.2657 | 23.3936 | 3.61 | 0.011 |
| Al-Emam Malek - Boys | 5 | 24.74 | 1.2700 | 0.5680 | 23.5292 | 3.06 | 0.019 |
| Jaber Abdullah Al-Sabah - Boys | 5 | 24.70 | 1.2510 | 0.5595 | 23.5073 | 3.04 | 0.019 |
| Labeed Iben Rabeea'a - Boys | 5 | 23.96 | 0.9072 | 0.4057 | 23.0951 | 2.37 | 0.039 |
| Al-Jahra - Girls | 5 | 24.18 | 1.2194 | 0.5453 | 23.0174 | 2.16 | 0.048 |

**Table 8**

ANOVA test for school temperatures with significant correlation at 0.05 level.

| Temperature | Sum of Squares | df | Mean Square | F | Sig. |
| --- | --- | --- | --- | --- | --- |
| Between groups | 875.942 | 45 | 19.465 | 15.698 | 0.000 |
| Within groups | 228.156 | 184 | 1.240 |  |  |
| Total | 1104.098 | 229 |  |  |  |

**Table 9**

Schools’ indoor humidity statistics for all schools.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **N** | **Mean** | **StDev** | **SE Mean** |
| Al-Jazae'r - Girls | 5 | 66.2600 | 0.6804 | 0.3043 |
| Al-Mansouryah - Girls | 5 | 66.2600 | 1.2857 | 0.5750 |
| Al-Furdous - Girls | 5 | 64.1000 | 1.6416 | 0.7342 |
| Um Al-Hareth Al-Anssaryah - Girls | 5 | 66.9000 | 5.6859 | 2.5428 |
| Yousef Ben Essa - Boys | 5 | 63.9400 | 3.3050 | 1.4780 |
| Sabah Al-Salem - Boys | 5 | 59.0000 | 1.0198 | 0.4561 |
| Omar Ben Al-Khatab - Boys | 5 | 54.8400 | 3.7407 | 1.6729 |
| Al-Shargeyah - Girls | 5 | 56.6400 | 2.0057 | 0.8970 |
| Al-Yarmouk - Girls | 5 | 58.2400 | 1.0502 | 0.4697 |
| Abdullah Al-Jaber Al-Sabah - Boys | 5 | 51.7400 | 2.6463 | 1.1835 |
| Al-Jahra - Girls | 5 | 54.2400 | 1.7170 | 0.7679 |
| Al-Nawar Bent Malek - Girls | 5 | 58.8400 | 0.3782 | 0.1691 |
| Al-Zoor - Girls | 5 | 50.5333 | 3.5161 | 1.4354 |
| Essa Ahmed Al-Hamad - Boys | 5 | 51.1000 | 2.9942 | 1.3390 |
| Nasser Abdulmuhsen Al-Saeed - Boys | 5 | 49.3400 | 2.8219 | 1.2620 |
| Ruzainah - Girls | 5 | 56.5400 | 0.9154 | 0.4094 |
| Abdulateef Thnyan Al-Ghanim - Boys | 5 | 52.1600 | 0.7092 | 0.3172 |
| Abdullah Abdulateef Al-Rejeeb - Boys | 5 | 43.6400 | 1.4775 | 0.6608 |
| Abdullah Mubarak Al-Sabah - Boys | 5 | 33.0600 | 2.8413 | 1.2707 |
| Abraq Kheetan - Girls | 5 | 43.2800 | 0.9257 | 0.4140 |
| Al-Ahmadi - Boys | 5 | 28.3600 | 1.1459 | 0.5124 |
| Al-Emam Malek - Boys | 5 | 36.0400 | 2.7107 | 1.2123 |
| Al-Jabryah - Girls | 5 | 47.7400 | 0.7232 | 0.3234 |
| Al-Jahra - Boys | 5 | 27.3800 | 3.2244 | 1.4420 |
| Al-Kendy - Boys | 5 | 33.4600 | 4.9873 | 2.2304 |
| Al-Mubarakeyah - Boys | 5 | 48.7000 | 2.0125 | 0.9000 |
| Al-Rabee'a bent Mua'aawath - Girls | 5 | 45.0600 | 0.7765 | 0.3473 |
| Al-Retqqa - Girls | 5 | 25.0000 | 0.7314 | 0.3271 |
| Anas Iben Malek - Boys | 5 | 55.1200 | 0.7530 | 0.3367 |
| Balat Al-Shuhada'a - Boys | 5 | 45.2400 | 1.9152 | 0.8565 |
| Falasteen - Boys | 5 | 52.7000 | 1.8207 | 0.8142 |
| Fatema Al-Hashemyah - Girls | 5 | 32.6000 | 3.2504 | 1.4536 |
| Fatema Al-Sara'awy - Girls | 5 | 48.5200 | 1.3971 | 0.6248 |
| Fatema Bent Asad - Girls | 5 | 26.1400 | 1.4153 | 0.6329 |
| Jaber Abdullah Al-Sabah - Boys | 5 | 42.3400 | 1.5947 | 0.7132 |
| Jaber Al-Ahmad Al-Sabah - Boys | 5 | 43.6400 | 1.4775 | 0.6608 |
| Labeed Iben Rabeea'a - Boys | 5 | 52.7667 | 0.8981 | 0.3667 |
| Lateefa Al-Fares - Girls | 5 | 27.2400 | 2.0562 | 0.9196 |
| Lateefa Al-Shemali - Girls | 5 | 50.7800 | 0.8927 | 0.3992 |
| Mohammed AL-Meheani - Boys | 5 | 21.2600 | 2.2579 | 1.0098 |
| Saad Ben Rabeea'a - Boys | 5 | 48.2200 | 1.0964 | 0.4903 |
| Sabah Al-Salem - Girls | 5 | 49.5800 | 1.6438 | 0.7351 |
| Salwa - Girls | 5 | 45.7800 | 0.4494 | 0.2010 |
| Suaad Bent Salamh - Girls | 5 | 31.7200 | 2.7179 | 1.2155 |
| Um Al-Hakam Bent Aby Sufyan - Girls | 5 | 44.9000 | 1.6355 | 0.7314 |
| Um Al-Heaman - Girls | 5 | 42.1400 | 1.8407 | 0.8232 |

**Table 10**

Schools with low humidity level with significant correlation at 0.05 level.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% upper**  **bound** | **T** | **P** |
| 1 | Al-Retqqa-Girls | 5 | 25.0000 | 0.7314 | 0.3271 | 25.6973 | -15.29 | 0.000 |
| 2 | Mohammed AL-Meheani-Boys | 5 | 21.2600 | 2.2579 | 1.0098 | 23.4126 | -8.66 | 0.000 |
| 3 | Fatema Bent Asad-Girls | 5 | 26.1400 | 1.4153 | 0.6329 | 27.4893 | -6.10 | 0.002 |
| 4 | Al-Ahmadi-Boys | 5 | 28.3600 | 1.1459 | 0.5124 | 29.4525 | -3.20 | 0.016 |
| 5 | Lateefa Al-Fares-Girls | 5 | 27.2400 | 2.0562 | 0.9196 | 29.2004 | -3.00 | 0.020 |

**Table 11**

Schools with elevated humidity levels with significant correlation at 0.05 level.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Variable** | **N** | **Mean** | **StDev** | **SE Mean** | **95% lower**  **bound** | **T** | **P** |
| 1 | Al-Jazae'r-Girls | 5 | 66.2600 | 0.6804 | 0.3043 | 65.6113 | 20.57 | 0.000 |
| 2 | Al-Mansouryah- Girls | 5 | 66.2600 | 1.2857 | 0.5750 | 65.0342 | 10.89 | 0.000 |
| 3 | Al-Furdous-Girls | 5 | 64.1000 | 1.6416 | 0.7342 | 62.5349 | 5.58 | 0.003 |
| 4 | Um Al-Hareth Al-Anssaryah-Girls | 5 | 66.9000 | 5.6859 | 2.5428 | 61.4791 | 2.71 | 0.027 |
| 5 | Yousef Ben Essa-Boys | 5 | 63.9400 | 3.3050 | 1.4780 | 60.7890 | 2.67 | 0.028 |

**Table 12**

| ANOVA test for school humidity levels with significant correlation at 0.05 level. | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Humidity | Sum of Squares | df | Mean Square | F | Sig. |
| Between groups | 32065.133 | 45 | 712.559 | 145.896 | 0.000 |
| Within groups | 898.656 | 184 | 4.884 |  |  |
| Total | 32963.789 | 229 |  |  |  |

**Table 13**

Questionnaire answers with cross checking of parameters with health symptoms

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| illumination | Noise | Relative Humidity | Temperature | **Question** | **Sr.** |
|  |  | S | S | I feel uncomfortably hot in the classroom | 1 |
|  |  | S | S | I perspire during my stay in the classroom | 2 |
|  |  | S | S | My mouth and/or throat feels dry during class | 3 |
|  |  | S | S | I feel that the classroom temperature is uncomfortable. | 4 |
| S | S | A | A | I have trouble concentrating during lessons in the classroom. | 5 |
|  |  | S |  | I feel joint pain during lessons in the classroom. | 6 |
|  |  |  | A | feel some dizziness in the classroom | 7 |
| D |  |  | S | I get headaches in the classroom. | 8 |
|  |  | S |  | feel skin dryness in the classroom. | 9 |
| D | D |  | S | I feel exhausted in the classroom. | 10 |
|  | S | A | A | I have trouble thinking during lessons in the classroom. | 11 |
|  | S |  | S | I feel irregular heartbeats while in the classroom. | 12 |
|  |  | A |  | I sometimes feel sudden cramping in my fingers or toes while in the classroom. | 13 |
|  |  | A | A | I suffer from nasal congestion while in the classroom. | 14 |
|  |  | S |  | I have difficulty breathing in the classroom. | 15 |
|  |  | S |  | I feel chest tightness while in the classroom. | 16 |
|  | S |  |  | I hear noise during the lecture | 17 |
|  | S |  |  | I hear my teacher during the lecturing with difficulty | 18 |
|  | S |  |  | I feel ear tinnitus during lecturing | 19 |
|  |  |  |  | I feel irritation in the eye in the classroom. | 20 |
| S | S |  | S | I feel exhausting when I look around in the classroom. | 21 |
|  |  | S | S | I feel cold in the classroom. | 22 |
| A |  |  |  | I feel sleepy in the classroom. | 23 |

**S:** Chosen by the researcher based on information from theoretical framework and literature review

**A:** Was added to the table on recommendation of the Department of Occupational Health - Kuwait Ministry of Health

**D:** Was deleted from the table on recommendation of the Department of Occupational Health - Kuwait Ministry of Health

**Table 14**

Rotated Component Matrix classifications of the seven factors with the relevant correlations.

|  | Factor | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Question | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Q1 |  |  |  |  | 0.788 |  |  |
| Q2 |  |  |  |  | 0.710 |  |  |
| Q3 |  |  |  |  |  |  | 0.520 |
| Q4 |  |  |  |  | 0.576 |  |  |
| Q5 | 0.534 |  |  |  |  |  |  |
| Q6 | 0.553 |  |  |  |  |  |  |
| Q7 | 0.682 |  |  |  |  |  |  |
| Q8 | 0.622 |  |  |  |  |  |  |
| Q9 |  |  |  |  |  |  | 0.539 |
| Q10 | 0.623 |  |  |  |  |  |  |
| Q11 |  |  |  |  |  |  |  |
| Q12 |  |  |  |  |  |  |  |
| Q13 |  |  |  |  |  | 0.649 |  |
| Q14 |  | 0.617 |  |  |  |  |  |
| Q15 |  | 0.696 |  |  |  |  |  |
| Q16 |  | 0.538 |  |  |  |  |  |
| Q17 |  |  |  | 0.686 |  |  |  |
| Q18 |  |  |  | 0.651 |  |  |  |
| Q19 |  |  |  |  |  |  |  |
| Q20 |  |  | 0.675 |  |  |  |  |
| Q21 |  |  |  |  |  |  |  |
| Q22 |  |  |  |  | 0.701 |  |  |
| Q23 | 0.574 |  |  |  |  |  |  |

**Table 15**

Newly proposed composed factors.

|  |  |  |
| --- | --- | --- |
| Factor | Questionnaire question # | Suggested title |
| Factor I | 5,6, 7, 8, 10 and 23 | Pain, Tiredness & Faint |
| Factor II | 14, 15 and 16 | Allergy |
| Factor III | 20 | Eye Itching |
| Factor IV | 17 and 18 | Noise |
| Factor V | 1, 2, 4 and 22 | Heat |
| Factor VI | 13 | Sudden Cramping |
| Factor VII | 3 and 9 | Draught |

**Table 16**

The schools under study showed significant differences to all factors**.**

|  |  | Sum of Squares | df | Mean Square | F | Sig. |
| --- | --- | --- | --- | --- | --- | --- |
| Factor I | Between Groups | 139.590 | 45 | 3.102 | 3.340 | 0.000 |
| Within Groups | 1232.410 | 1327 | 0.929 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor II | Between Groups | 71.102 | 45 | 1.580 | 1.612 | 0.007 |
| Within Groups | 1300.898 | 1327 | 0.980 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor III | Between Groups | 65.049 | 45 | 1.446 | 1.468 | 0.025 |
| Within Groups | 1306.951 | 1327 | 0.985 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor IV | Between Groups | 157.286 | 45 | 3.495 | 3.818 | 0.000 |
| Within Groups | 1214.714 | 1327 | 0.915 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor V | Between Groups | 163.545 | 45 | 3.634 | 3.991 | 0.000 |
| Within Groups | 1208.455 | 1327 | 0.911 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor VI | Between Groups | 70.855 | 45 | 1.575 | 1.606 | 0.007 |
| Within Groups | 1301.145 | 1327 | 0.981 |  |  |
| Total | 1372.000 | 1372 |  |  |  |
| Factor VII | Between Groups | 88.192 | 45 | 1.960 | 2.026 | 0.000 |
| Within Groups | 1283.808 | 1327 | 0.967 |  |  |
| Total | 1372.000 | 1372 |  |  |  |

**Table 17**

Correlation Matrix showing the correlation between the newly composed factors and the parameter variables.

| Parameter | Factor I | Factor II | Factor III | Factor IV | Factor V | Factor VI | Factor VII |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Noise | -0.029 | 0.050 | -0.003 | 0.057 | -0.039 | 0.021 | -0.009 |
|  | 0.283 | 0.062 | 0.915 | 0.035\*\* | 0.148 | 0.432 | 0.735 |
| Illumination | -0.021 | -0.003 | 0.078 | -0.032 | 0.072 | -0.030 | -0.038 |
|  | 0.441 | 0.904 | 0.004\*\* | 0.231 | 0.007 | 0.267 | 0.161 |
| Temp | -0.004 | -0.007 | 0.091 | -0.047 | 0.070 | -0.039 | -0.019 |
| 0.897 | 0.800 | 0.001\*\* | 0.079 | 0.010\*\* | 0.151 | 0.477 |
| Humidity | 0.037 | -0.034 | -0.052 | 0.021 | 0.040 | 0.068 | -0.076 |
| 0.170 | 0.202 | 0.056 | 0.435 | 0.137 | 0.012\*\* | 0.005\*\* |

(\*\*) : Significant correlation at 0.05 level