

### APPENDIX 3

**Table. 3-1.** Summary statistics of the Tukey's honest significant difference (TukeyHSD) test for mean annual total rainfall.

| Group        | Mean difference between regions (mm) | 95-percent confidence interval |             |                          |
|--------------|--------------------------------------|--------------------------------|-------------|--------------------------|
|              |                                      | Lower limit                    | Upper limit | Adjusted <i>p</i> -value |
| Reg.3-Reg.1  | 270                                  | 80                             | 459         | <0.005                   |
| Reg.5-Reg.1  | 315                                  | 26                             | 605         | 0.025                    |
| Reg.2-Reg.1  | 966                                  | 773                            | 1,160       | <0.005                   |
| Reg.4-Reg.1  | 2,516                                | 2,251                          | 2,780       | <0.005                   |
| Reg.5-Reg.3* | 45                                   | -205                           | 295         | 0.980                    |
| Reg.2-Reg.3  | 697                                  | 570                            | 824         | <0.005                   |
| Reg.4-Reg.3  | 2,246                                | 2,025                          | 2,467       | <0.005                   |
| Reg.2-Reg.5  | 651                                  | 398                            | 904         | <0.005                   |
| Reg.4-Reg.5  | 2,200                                | 1,890                          | 2,511       | <0.005                   |
| Reg.4-Reg.2  | 1,549                                | 1,325                          | 1,773       | <0.005                   |

\*The mean difference is not significant at 0.05 level.

**Table. 3-2.** Summary statistics of the Tukey's honest significant difference (TukeyHSD) test for mean elevation.

| Group        | Mean difference between regions (mm) | 95-percent confidence interval |             |                          |
|--------------|--------------------------------------|--------------------------------|-------------|--------------------------|
|              |                                      | Lower limit                    | Upper limit | Adjusted <i>p</i> -value |
| Reg.1-Reg.3  | 3,604                                | 3,417                          | 3,792       | <0.005                   |
| Reg.1-Reg.5  | 1,805                                | 1,519                          | 2,091       | <0.005                   |
| Reg.1-Reg.2  | 3,662                                | 3,471                          | 3,852       | <0.005                   |
| Reg.1-Reg.4  | 2,957                                | 2,695                          | 3,218       | <0.005                   |
| Reg.5-Reg.3  | 1,799                                | 1,552                          | 2,046       | <0.005                   |
| Reg.3-Reg.2* | 57                                   | -68                            | 183         | 0.719                    |
| Reg.4-Reg.3  | 647                                  | 429                            | 866         | <0.005                   |
| Reg.5-Reg.2  | 1,856                                | 1,606                          | 2,106       | <0.005                   |
| Reg.5-Reg.4  | 1,152                                | 844                            | 1,459       | <0.005                   |
| Reg.4-Reg.2  | 705                                  | 483                            | 926         | <0.005                   |

\*The mean difference is not significant at 0.05 levels.