**ภาคผนวก ข**

**การหาคุณภาพ เครื่องมือวิจัย**

**ตารางภาคผนวกที่ 3** ข้อมูล ทางสถิติจากการทดสอบความเชื่อมั่นและความเที่ยงตรง

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| scale | Mean score | Mean | Variance | Standard Deviations | Cronbach’s alpha reliability | Discriminant validity | F-test |
| Leadership | 15.10 | 2.79 | 0.12 | 0.75 | 0.87 | 0.75 | 3.64\*\*\* |
| Helpful/Friendly | 16.72 | 2.68 | 0.13 | 0.94 | 0.85 | 0.76 | 4.55\*\*\* |
| Understanding | 11.65 | 2.80 | 0.12 | 0.77 | 0.76 | 0.78 | 12.64\*\*\* |
| Responsibility/ Freedom | 13.24 | 1.71 | 0.26 | 0.71 | 0.77 | 0.76 | 3.47\*\*\* |
| Uncertain | 17.14 | 1.10 | 0.10 | 0.74 | 0.86 | 0.76 | 2.21\*\*\* |
| Dissatisfied | 18.33 | 1.39 | 0.09 | 0.84 | 0.74 | 0.77 | 7.65\*\*\* |
| Admonishing | 10.82 | 1.20 | 0.23 | 0.82 | 0.68 | 0.78 | 11.42\*\*\* |
| Strict | 15.31 | 2.10 | 0.32 | 0.73 | 0.74 | 0.76 | 13.93\*\*\* |

**ตารางภาคผนวกที่ 4** Factor Loading Analysis

| Item | Lea | Hfr | Und | Stu | Unc | Dis | Adm | Stc |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 211759131 | 0.820.770.680.650.600.59 |  |  |  |  |  |  |  |
| 2262101814 |  | 0.910.880.860.780.770.72 |  |  |  |  |  |  |
| 2319371511 |  |  | 0.950.930.860.790.770.72 |  |  |  |  |  |
| 12162484 |  |  |  | 0.910.880.850.820.79 |  |  |  |  |
| 20 |  |  |  | 0.62 |  |  |  |  |
| 412529374533 |  |  |  |  | 0.780.740.720.720.680.63 |  |  |  |
| 383042263446 |  |  |  |  |  | 0.880.790.780.770.740.72 |  |  |
| 393531434727 |  |  |  |  |  |  | 0.880.820.790.780.730.68 |  |
| 3640443248 |  |  |  |  |  |  |  | 0.940.880.830.750.67 |
| 28 |  |  |  |  |  |  |  | 0.63 |
| % of variance | 65.74 | 48.98 | 36.72 | 38.64 | 72.63 | 59.42 | 57.32 | 54.81 |
| Eigen-value | 3.72 | 2.75 | 2.36 | 2.35 | 4.63 | 3.42 | 3.28 | 3.21 |

\*Loading smaller than .30 omitted. The sample consisted of 88 students