**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 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21  17  5  9  13  1 | 0.82  0.77  0.68  0.65  0.60  0.59 |  |  |  |  |  |  |  |
| 22  6  2  10  18  14 |  | 0.91  0.88  0.86  0.78  0.77  0.72 |  |  |  |  |  |  |
| 23  19  3  7  15  11 |  |  | 0.95  0.93  0.86  0.79  0.77  0.72 |  |  |  |  |  |
| 12  16  24  8  4 |  |  |  | 0.91  0.88  0.85  0.82  0.79 |  |  |  |  |
| 20 |  |  |  | 0.62 |  |  |  |  |
| 41  25  29  37  45  33 |  |  |  |  | 0.78  0.74  0.72  0.72  0.68  0.63 |  |  |  |
| 38  30  42  26  34  46 |  |  |  |  |  | 0.88  0.79  0.78  0.77  0.74  0.72 |  |  |
| 39  35  31  43  47  27 |  |  |  |  |  |  | 0.88  0.82  0.79  0.78  0.73  0.68 |  |
| 36  40  44  32  48 |  |  |  |  |  |  |  | 0.94  0.88  0.83  0.75  0.67 |
| 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