

#### ภาคผนวก ก

การใช้ t-test ทดสอบเปรียบเทียบกลุ่มผู้ตอบก่อนกับกลุ่มผู้ตอบซ้ำ

t-test เปรียบเทียบกลุ่มผู้จัดการแผนกบุคคลและฝึกอบรม

**Group Statistics**

| เทียบ      |                | N  | Mean | Std. Deviation | Std. Error Mean |
|------------|----------------|----|------|----------------|-----------------|
| AGE        | dead line      | 65 | 3.06 | 1.72           | .21             |
|            | over dead line | 14 | 3.00 | 1.47           | .39             |
| DEGREE     | dead line      | 65 | 2.32 | .53            | 6.62E-02        |
|            | over dead line | 14 | 2.36 | .50            | .13             |
| BRANCH     | dead line      | 65 | 7.35 | 3.12           | .39             |
|            | over dead line | 14 | 7.71 | 3.10           | .83             |
| EXPERIENCE | dead line      | 65 | 2.95 | 1.55           | .19             |
|            | over dead line | 14 | 2.93 | 1.38           | .37             |

**Independent Samples Test**

|            |                             | Levene's Test for equality of Variance |      | 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 |
| AGE        | Equal variances assumed     | .820                                   | .368 | .124                         | 77     | .901            | 6.15E-02        | .50                   | -.93                                      | 1.05  |
|            | Equal variances not assumed |                                        |      | .138                         | 21.468 | .892            | 6.15E-02        | .45                   | -.87                                      | .99   |
| DEGREE     | Equal variances assumed     | .098                                   | .755 | -.219                        | 77     | .827            | 3.41E-02        | .16                   | -.34                                      | .28   |
|            | Equal variances not assumed |                                        |      | -.229                        | 19.996 | .821            | 3.41E-02        | .15                   | -.34                                      | .28   |
| BRANCH     | Equal variances assumed     | .031                                   | .861 | -.392                        | 77     | .696            | -.36            | .92                   | -2.19                                     | 1.47  |
|            | Equal variances not assumed |                                        |      | -.394                        | 19.130 | .698            | -.36            | .91                   | -2.27                                     | 1.55  |
| EXPERIENCE | Equal variances assumed     | .228                                   | .634 | .056                         | 77     | .955            | 2.53E-02        | .45                   | -.87                                      | .92   |
|            | Equal variances not assumed |                                        |      | .061                         | 20.609 | .952            | 2.53E-02        | .42                   | -.84                                      | .89   |

t-test เปรียบเทียบกลุ่มผู้จัดการแผนกอาหารและเครื่องดื่ม

Group Statistics

| เทียบ      |                | N  | Mean  | Std. Deviation | Std. Error Mean |
|------------|----------------|----|-------|----------------|-----------------|
| AGE        | dead line      | 65 | 3.20  | 1.59           | .20             |
|            | over dead line | 14 | 3.43  | 1.16           | .31             |
| DEGREE     | dead line      | 65 | 1.97  | .75            | 9.29E-02        |
|            | over dead line | 14 | 2.07  | .73            | .20             |
| BRANCH     | dead line      | 65 | 9.52  | 4.48           | .56             |
|            | over dead line | 14 | 11.21 | 4.61           | 1.23            |
| EXPERIENCE | dead line      | 65 | 3.28  | 1.69           | .21             |
|            | over dead line | 14 | 3.36  | .93            | .25             |

Independent Samples Test

|            |                             | Levene's Test for equality of Variance |      | 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 |
| AGE        | Equal variances assumed     | 3.291                                  | .074 | -.508                        | 77     | .613            | -.23            | .45                   | -1.13                                     | .67   |
|            | Equal variances not assumed |                                        |      | -.623                        | 24.919 | .539            | -.23            | .37                   | -.98                                      | .53   |
| DEGREE     | Equal variances assumed     | .064                                   | .801 | -.465                        | 77     | .643            | -.10            | .22                   | -.54                                      | .34   |
|            | Equal variances not assumed |                                        |      | -.473                        | 19.367 | .642            | -.10            | .22                   | -.55                                      | .35   |
| BRANCH     | Equal variances assumed     | .225                                   | .637 | -1.274                       | 77     | .206            | -1.69           | 1.33                  | -4.33                                     | .95   |
|            | Equal variances not assumed |                                        |      | -1.251                       | 18.676 | .226            | -1.69           | 1.35                  | -4.52                                     | 1.14  |
| EXPERIENCE | Equal variances assumed     | 7.249                                  | .009 | -.171                        | 77     | .864            | 8.02E-02        | .47                   | -1.01                                     | .85   |
|            | Equal variances not assumed |                                        |      | -.247                        | 34.607 | .806            | 8.02E-02        | .32                   | -.74                                      | .58   |

t-test เปรียบเทียบกลุ่มหัวหน้าแผนกครัว

**Group Statistics**

| เทียบ      |                | N  | Mean  | Std. Deviation | Std. Error Mean |
|------------|----------------|----|-------|----------------|-----------------|
| AGE        | dead line      | 65 | 3.28  | 1.77           | .22             |
|            | over dead line | 14 | 3.43  | 2.79           | .75             |
| DEGREE     | dead line      | 65 | 1.52  | .53            | 6.62E-02        |
|            | over dead line | 14 | 1.57  | .51            | .14             |
| BRANCH     | dead line      | 65 | 12.14 | 3.88           | .48             |
|            | over dead line | 14 | 11.50 | 4.55           | 1.22            |
| EXPERIENCE | dead line      | 65 | 3.51  | 1.74           | .22             |
|            | over dead line | 14 | 3.71  | 2.27           | .61             |

**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 |
| AGE        | Equal variances assumed     | 12.249                                  | .001 | -.260                        | 77     | .796            | -.15            | .58                   | -1.31                                     | 1.01  |
|            | Equal variances not assumed |                                         |      | -.195                        | 15.329 | .848            | -.15            | .78                   | -1.81                                     | 1.50  |
| DEGREE     | Equal variances assumed     | .541                                    | .464 | -.310                        | 77     | .758            | 4.84E-02        | .16                   | -.36                                      | .26   |
|            | Equal variances not assumed |                                         |      | -.317                        | 19.531 | .754            | 4.84E-02        | .15                   | -.37                                      | .27   |
| BRANCH     | Equal variances assumed     | 1.373                                   | .245 | .542                         | 77     | .589            | .64             | 1.18                  | -1.71                                     | 2.98  |
|            | Equal variances not assumed |                                         |      | .488                         | 17.291 | .632            | .64             | 1.31                  | -2.12                                     | 3.40  |
| EXPERIENCE | Equal variances assumed     | 3.733                                   | .057 | -.381                        | 77     | .704            | -.21            | .54                   | -1.29                                     | .87   |
|            | Equal variances not assumed |                                         |      | -.321                        | 16.461 | .752            | -.21            | .64                   | -1.57                                     | 1.15  |

t-test เปรียบเทียบกลุ่มหัวหน้าแผนกแม่บ้าน

**Group Statistics**

| เทียบ      |                | N  | Mean  | Std. Deviation | Std. Error Mean |
|------------|----------------|----|-------|----------------|-----------------|
| AGE        | dead line      | 65 | 3.52  | 2.00           | .25             |
|            | over dead line | 14 | 3.29  | 1.90           | .51             |
| DEGREE     | dead line      | 65 | 1.74  | .51            | 6.31E-02        |
|            | over dead line | 14 | 1.71  | .47            | .13             |
| BRANCH     | dead line      | 65 | 11.05 | 3.68           | .46             |
|            | over dead line | 14 | 10.14 | 4.69           | 1.25            |
| EXPERIENCE | dead line      | 65 | 3.69  | 1.78           | .22             |
|            | over dead line | 14 | 2.86  | 1.51           | .40             |

**Independent Samples Test**

|            |                             | Levene's Test for<br>quality of Variance |      | t-test for Equality of Means |        |                 |                    |                          |                                                 |       |
|------------|-----------------------------|------------------------------------------|------|------------------------------|--------|-----------------|--------------------|--------------------------|-------------------------------------------------|-------|
|            |                             | F                                        | Sig. | t                            | df     | Sig. (2-tailed) | Mean<br>Difference | Std. Error<br>Difference | 95% Confidence<br>Interval of the<br>Difference |       |
|            |                             |                                          |      |                              |        |                 |                    |                          | Lower                                           | Upper |
| AGE        | Equal variances assumed     | .060                                     | .807 | .406                         | 77     | .686            | .24                | .58                      | -.93                                            | 1.40  |
|            | Equal variances not assumed |                                          |      | .420                         | 19.734 | .679            | .24                | .56                      | -.94                                            | 1.42  |
| DEGREE     | Equal variances assumed     | .099                                     | .754 | .163                         | 77     | .871            | 2.42E-02           | .15                      | -.27                                            | .32   |
|            | Equal variances not assumed |                                          |      | .172                         | 20.163 | .865            | 2.42E-02           | .14                      | -.27                                            | .32   |
| BRANCH     | Equal variances assumed     | 3.184                                    | .078 | .792                         | 77     | .431            | .90                | 1.14                     | -1.37                                           | 3.17  |
|            | Equal variances not assumed |                                          |      | .677                         | 16.621 | .507            | .90                | 1.33                     | -1.92                                           | 3.72  |
| EXPERIENCE | Equal variances assumed     | .375                                     | .542 | 1.635                        | 77     | .106            | .84                | .51                      | -.18                                            | 1.85  |
|            | Equal variances not assumed |                                          |      | 1.815                        | 21.490 | .084            | .84                | .46                      | -.12                                            | 1.79  |

t-test เปรียบเทียบคุณลักษณะที่พึงประสงค์ของนักศึกษาฝึกงาน

Group Statistics

| เทียบ    |                | N  | Mean   | Std. Deviation | Std. Error<br>Mean |
|----------|----------------|----|--------|----------------|--------------------|
| TOTALA   | dead line      | 65 | 3.7538 | .5635          | 6.989E-02          |
|          | over dead line | 14 | 3.8000 | .5765          | .1541              |
| TOTALAA  | dead line      | 65 | 3.8215 | .4916          | 6.098E-02          |
|          | over dead line | 14 | 3.7357 | .5213          | .1393              |
| TOTALAAA | dead line      | 65 | 3.6600 | .5567          | 6.905E-02          |
|          | over dead line | 14 | 3.6929 | .5151          | .1377              |
| TOTAL4A  | dead line      | 65 | 3.7031 | .4541          | 5.633E-02          |
|          | over dead line | 14 | 3.8714 | .5283          | .1412              |
| TOTALF   | dead line      | 65 | 4.2271 | .7531          | 9.341E-02          |
|          | over dead line | 14 | 4.3435 | .6204          | .1658              |
| TOTALFF  | dead line      | 65 | 4.1421 | .5755          | 7.138E-02          |
|          | over dead line | 14 | 4.1293 | .7446          | .1990              |
| TOTALFFF | dead line      | 65 | 4.1319 | .7201          | 8.931E-02          |
|          | over dead line | 14 | 4.0646 | .6581          | .1759              |
| TOTAL4F  | dead line      | 65 | 4.3070 | .5371          | 6.662E-02          |
|          | over dead line | 14 | 4.1939 | .7673          | .2051              |
| TOTALB   | dead line      | 65 | 4.0192 | .7023          | 8.711E-02          |
|          | over dead line | 14 | 4.0536 | .6059          | .1619              |
| TOTALBB  | dead line      | 65 | 4.0077 | .5270          | 6.537E-02          |
|          | over dead line | 14 | 3.9375 | .6197          | .1656              |
| TOTALBBB | dead line      | 65 | 3.9115 | .6186          | 7.673E-02          |
|          | over dead line | 14 | 3.7679 | .6141          | .1641              |
| TOTAL4B  | dead line      | 65 | 3.9635 | .5977          | 7.414E-02          |
|          | over dead line | 14 | 4.1071 | .4899          | .1309              |

t-test เปรียบเทียบคุณลักษณะที่พึงประสงค์ของนักศึกษาฝึกงาน

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 |
| TOTALA   | Equal variances assumed     | .327                                    | .569 | -.277                        | 77     | .783            | 4.615E-02       | .1667                 | -.3781                                    | .2857 |
|          | Equal variances not assumed |                                         |      | -.273                        | 18.740 | .788            | 4.615E-02       | .1692                 | -.4006                                    | .3083 |
| TOTALAA  | Equal variances assumed     | .091                                    | .764 | .586                         | 77     | .559            | 3.582E-02       | .1464                 | -.2056                                    | .3773 |
|          | Equal variances not assumed |                                         |      | .564                         | 18.323 | .579            | 3.582E-02       | .1521                 | -.2333                                    | .4049 |
| TOTALAAA | Equal variances assumed     | .083                                    | .774 | -.203                        | 77     | .840            | 3.286E-02       | .1620                 | -.3555                                    | .2898 |
|          | Equal variances not assumed |                                         |      | -.213                        | 20.106 | .833            | 3.286E-02       | .1540                 | -.3540                                    | .2883 |
| TOTAL4A  | Equal variances assumed     | .338                                    | .562 | -1.222                       | 77     | .225            | -.1684          | .1377                 | -.4426                                    | .1059 |
|          | Equal variances not assumed |                                         |      | -1.107                       | 17.378 | .283            | -.1684          | .1520                 | -.4886                                    | .1519 |
| TOTALF   | Equal variances assumed     | .532                                    | .468 | -.540                        | 77     | .591            | -.1164          | .2158                 | -.5461                                    | .3133 |
|          | Equal variances not assumed |                                         |      | -.612                        | 22.110 | .547            | -.1164          | .1903                 | -.5110                                    | .2781 |
| TOTALFF  | Equal variances assumed     | 1.154                                   | .286 | .072                         | 77     | .943            | 1.287E-02       | .1789                 | -.3435                                    | .3692 |
|          | Equal variances not assumed |                                         |      | .061                         | 16.504 | .952            | 1.287E-02       | .2114                 | -.4342                                    | .4600 |
| TOTALFFF | Equal variances assumed     | .311                                    | .579 | .321                         | 77     | .749            | 5.724E-02       | .2092                 | -.3493                                    | .4838 |
|          | Equal variances not assumed |                                         |      | .341                         | 20.293 | .737            | 5.724E-02       | .1973                 | -.3439                                    | .4784 |
| TOTAL4F  | Equal variances assumed     | .990                                    | .323 | .659                         | 77     | .512            | .1131           | .1716                 | -.2286                                    | .4548 |
|          | Equal variances not assumed |                                         |      | .524                         | 15.853 | .607            | .1131           | .2156                 | -.3443                                    | .5705 |
| TOTALB   | Equal variances assumed     | .128                                    | .722 | -.170                        | 77     | .866            | 3.434E-02       | .2024                 | -.4374                                    | .3687 |
|          | Equal variances not assumed |                                         |      | -.187                        | 21.252 | .854            | 3.434E-02       | .1839                 | -.4165                                    | .3478 |
| TOTALBB  | Equal variances assumed     | .006                                    | .938 | .438                         | 77     | .663            | 7.019E-02       | .1602                 | -.2489                                    | .3892 |
|          | Equal variances not assumed |                                         |      | .394                         | 17.281 | .698            | 7.019E-02       | .1781                 | -.3050                                    | .4454 |
| TOTALBBB | Equal variances assumed     | .001                                    | .972 | .789                         | 77     | .432            | .1437           | .1820                 | -.2188                                    | .5062 |
|          | Equal variances not assumed |                                         |      | .793                         | 19.119 | .437            | .1437           | .1812                 | -.2353                                    | .5227 |
| TOTAL4B  | Equal variances assumed     | 1.361                                   | .247 | -.839                        | 77     | .404            | -.1437          | .1712                 | -.4845                                    | .1972 |
|          | Equal variances not assumed |                                         |      | -.955                        | 22.208 | .350            | -.1437          | .1505                 | -.4556                                    | .1682 |