Table 1

*Characteristics of Participants*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Category | SMEs | | FEs | | Combined | |
|  |  | Freq | % | Freq | % | Freq | % | |
| Age | 25-34 | 1 | 7 | 4 | 44,4 | 5 | 22,7 | |
|  | 35-44 | 4 | 30,7 | 5 | 55,6 | 9 | 40,9 | |
|  | 45-54 | 4 | 30,7 | 0 | 0 | 4 | 18,2 | |
|  | 55-64 | 4 | 30,7 | 0 | 0 | 4 | 18,2 | |
| Gender | Male | 5 | 38 | 6 | 66,6 | 11 | 50 | |
|  | Female | 8 | 52 | 3 | 33,3 | 11 | 50 | |
| Language | English | 4 | 30,7 | 8 | 88,8 | 12 | 54,5 | |
|  | Afrikaans | 8 | 52 | 1 | 11,2 | 9 | 40,9 | |
|  | IsiXhosa | 1 | 0,7 | 0 | 0 | 1 | 4,5 | |
| Total |  | 13 |  | 9 |  | 22 | 100 | |

Table 2

*Summary of Means, Confidence Intervals, Variances, Standard Deviations, Minimum and Maximum Scores of Schedule Dimensions.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Dimension | *X̄* | 95% CI | | *S²* | *SD* | *Min* | *Max* |
| 1. CAJC |  | LL | UL |  |  |  |  |
| 1.1 CT | 5.69 | 5.32 | 6.07 | 0.72 | 0.85 | 3.67 | 7 |
| 1.2 PL | 4.98 | 4.5 | 5.46 | 1.17 | 1.08 | 2.33 | 7 |
| 1.3 COMM | 5.42 | 4.93 | 5.92 | 1.25 | 1.12 | 3 | 7 |
| 1.4 TPM | 5.41 | 5 | 5.81 | 0.84 | 0.91 | 3.67 | 7 |
| 1.5 CFOC | 5.44 | 4.89 | 5.99 | 1.53 | 1.24 | 3 | 7 |
| 2. JCM | 5.53 | 5.16 | 5.9 | 0.7 | 0.84 | 4 | 6.8 |
| 3. CMPLX | 5.4 | 5.06 | 5.74 | 0.59 | 0.77 | 3.6 | 6.6 |
| 4. FDL | 5.59 | 5.59 | 6.07 | 1.16 | 1.07 | 3.14 | 7 |
| 5. AI | 6.49 | 6.23 | 6.71 | 0.35 | 0.59 | 5.14 | 7 |
| 6. ECO | 4.8 | 4.47 | 5.14 | 0.57 | 0.75 | 3.29 | 6.43 |
| 7. ETH | 6.34 | 5.99 | 6.69 | 0.63 | 0.79 | 4.75 | 7 |

Note. CI = confidence interval; LL = lower limit; UL = upper limit; *S² =* variance; *SD =* standard deviation

Table 3

*Intraclass Correlation Coefficients (Consistency Model) Expert Comparison on Schedule Dimensions.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dimension | Expert | *ICC* | | *F* | *df* | *p* |
| 1. CAJC |  | *Single α* | *Avg α* |  |  |  |
| 1.1 CT | SME | .54 | .78 | 4.49 | 12 | .01 |
|  | FE | .59 | .81 | 5.33 | 8 | .01 |
|  | Overall | .61 | .82 | 5.63 | 21 | .01 |
| 1.2 PL | SME | .68 | .87 | 7.503 | 12 | .01 |
|  | FE | .86 | .95 | 19.19 | 8 | .01 |
|  | Overall | .78 | .92 | 11.88 | 21 | .01 |
| 1.3 COMM | SME | .66 | .86 | 6.92 | 12 | .01 |
|  | FE | .85 | .94 | 17.70 | 8 | .01 |
|  | Overall | .79 | .90 | 9.88 | 21 | .01 |
| 1.4 TPM | SME | .66 | .87 | 6.93 | 12 | .01 |
|  | FE | .80 | .92 | 13.00 | 8 | .01 |
|  | Overall | .77 | .91 | 11.16 | 21 | .01 |
| 1.5 CFOC | SME | .80 | .92 | 13.14 | 12 | .01 |
|  | FE | .89 | .96 | 25.71 | 8 | .01 |
|  | Overall | .89 | .96 | 25.31 | 21 | .01 |
| 2. JCM | SME | .50 | .83 | 6.02 | 12 | .01 |
|  | FE | .45 | .81 | 5.16 | 8 | .01 |
|  | Overall | .55 | .86 | 7.02 | 21 | .01 |
| 3. CMPLX | SME | .43 | .79 | 4.70 | 12 | .01 |
|  | FE | .30 | .69 | 3.17 | 8 | .01 |
|  | Overall | .36 | .74 | 3.77 | 21 | .01 |
| 4. FDL | SME | .46 | .86 | 6.91 | 12 | .01 |
|  | FE | .60 | .91 | 11.32 | 8 | .01 |
|  | Overall | .63 | .92 | 12.95 | 21 | .01 |
| 5. AI | SME | .20 | .64 | 5.41 | 12 | .01 |
|  | FE | .60 | .98 | 11.60 | 8 | .01 |
|  | Overall | .38 | .82 | 5.41 | 21 | .01 |
| 6. ECO | SME | .21 | .64 | 2.81 | 12 | .01 |
|  | FE | .16 | .58 | 2.35 | 8 | .03 |
|  | Overall | .21 | .65 | 2.88 | 21 | .01 |
| 7. ETH | SME | -.03 | -.15 | 0.87 | 12 | .58 |
|  | FE | .49 | .77 | 4.38 | 8 | .01 |
|  | Overall | .15 | .41 | 1.69 | 21 | .57 |
| OVERALL |  | .35 | .96 | 24.95 | 21 | .01 |

Note. ETH SME value negative due to negative average covariance amongst items.

Table 4

*Rater Communalities and Single Rater vs. Group Correlation*

|  |  |  |
| --- | --- | --- |
| Rater | Communalities | Rater vs. Group Correlation |
| R1 | .84 | .45 |
| R2 | .73 | .41 |
| R3 | .60 | .27 |
| R4 | .90 | .46 |
| R5 | .55 | .32 |
| R6 | .71 | .19 |
| R7 | .86 | .41 |
| R8 | .90 | .49 |
| R9 | .65 | .30 |
| R10 | .76 | .42 |
| R11 | .80 | .22 |
| R12 | .74 | .33 |
| R13 | .80 | .43 |
| R14 | .75 | .29 |
| R15 | .69 | .21 |
| R16 | .89 | .48 |
| R17 | .74 | .32 |
| R18 | .94 | .47 |
| R19 | .58 | .35 |
| R20 | .71 | .25 |
| R21 | .76 | .35 |
| R22 | .86 | .26 |

Extraction Method: Maximum Likelihood. Chi-Square (400.97), DF (209), Sig *p* ≤ .01

Table 5

*Mann-Whitney U Test of SMEs (n=13) and FEs (n=9) differences on Evaluation Schedule Dimensions.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dimension | *Mann-Whitney U* | *Wilcoxon W* | *z* | *p* |
| 1.CAJC |  |  |  |  |
| 1.1 CT | 34.00 | 79.00 | -1.67 | .09 |
| 1.2 PL | 30.50 | 75.50 | -1.89 | .06 |
| 1.3 COMM | 43.50 | 88.50 | -1.01 | .31 |
| 1.4 TPM | 24.00 | 69.00 | -2.33 | .02\* |
| 1.5 CFOC | 24.50 | 69.50 | -2.29 | .02\* |
| 2. JCM | 23.50 | 68.50 | -2.39 | .02\* |
| 3. CMPLX | 44.00 | 89.00 | -0.98 | .33 |
| 4. FDL | 22.50 | 67.50 | -2.41 | .02\* |
| 5. AI | 57.50 | 148.50 | -0.07 | .95 |
| 6. ECO | 26.00 | 71.00 | -2.18 | .03\* |
| 7. ETH | 42.50 | 133.50 | -1.11 | .27 |

Note. \**p* ≤ .05 (2-tailed)

Table 6

*Z-Scores of Subject Matter and Functional Experts on Dimensions on Evaluation Schedule.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dimension | *x̄ SME* | *x̄ FE* | *( x̄SME+ x̄FE) / 2* | *SD(SME)* | *SD(FE)* | *Z-SME* | *Z-FE* | |*Z-SME| +|Z-FE|* |
| 1. CAJC |  |  |  |  |  |  |  |  |
| 1.1 CT | 5.97 | 5.3 | 5.63 | 0.66 | 0.96 | 0.51 | -0.34 | 0.85 |
| 1.2 PL | 5.33 | 4.48 | 4.90 | 0.89 | 1.17 | 0.47 | -0.36 | 0.83 |
| 1.3 COM | 5.64 | 5.11 | 5.37 | 0.98 | 1.28 | 0.27 | -0.20 | 0.47 |
| 1.4 TPM | 5.77 | 4.89 | 5.33 | 0.79 | 0.85 | 0.55 | -0.51 | 1.06 |
| 1.5 CFOC | 5.97 | 4.67 | 5.32 | 0.89 | 1.29 | 0.73 | -0.50 | 1.23 |
| 2. JCM | 5.88 | 5.02 | 5.45 | 0.63 | 0.86 | 0.68 | -0.5 | 1.18 |
| 3. CMPLX | 5.57 | 5.16 | 5.36 | 0.68 | 0.85 | 0.30 | -0.24 | 0.54 |
| 4. FDL | 6.08 | 4.89 | 5.48 | 0.72 | 1.15 | 0.82 | -0.51 | 1.33 |
| 5. AI | 6.55 | 6.4 | 6.47 | 0.46 | 0.76 | 0.16 | -0.09 | 0.25 |
| 6. ECO | 5.05 | 4.44 | 4.74 | 0.67 | 0.74 | 0.45 | -0.41 | 0.86 |
| 7. ETH | 6.54 | 6.06 | 6.3 | 0.62 | 0.95 | 0.38 | -0.25 | 0.63 |