|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 3. QI Skill Proficiency Level Among Faculty, DNP Graduates and By Faculty Degree | | | | | | |
| **Select QI Skills** | Faculty\*  (n=73)  Mean (SD), range | DNP Graduates (n=18)  Mean (SD), range | p | DNP Faculty\*  (n=14)  Mean (SD), range | PhD Faculty\*  (n=51)  Mean (SD), range | p |
| Assuming the role as team leader | 4.9 (1.3); 2-6 | 4.9(1.0); 3-6 | .93 | 4.7 (1.1); 2-6 | 5.0 (1.3); 2-6 | .51 |
| Facilitating Focus Groups | 4.8 (1.2); 2-6 | 4.5 (1.3); 2-6 | .42 | 4.2 (1.0); 2-5 | 4.9 (1.3); 2-6 | .072 |
| Making changes in a system | 4.8 (0.1); 2-6 | 4.7 (1.0); 3-6 | .73 | 4.7 (1.0); 2-6 | 4.9 (1.1); 2-6 | .52 |
| Developing Changes | 4.7 (1.1); 2-6 | 4.8 (0.9); 3-6 | .84 | 4.8 (0.9); 2-6 | 4.8 (1.1); 2-6 | .99 |
| Quality improvement methodology such as PDSA or Six Sigma | 4.6 (2-6); 2-6 | 4.5 (1.0); 3-6 | .83 | 4.6 (1.2); 2-6 | 4.6 (1.4); 2-6 | .85 |
| Root Cause Analysis (RCA) | 4.0 (1.4); 2-6 | 4.1 (1.3); 2-6 | .73 | 3.9 (0.9); 2-5 | 4.0 (1.5); 2-6 | .67 |
| Failure Modes & Effects Analysis (FMEA) | 3.0 (1.5); 1-6 | 2.8 (1.4); 1-6 | .56 | 3.6 (1.0); 2-5 | 3.0 (1.6); 1-6 | .49 |
| Run charts | 3.8 (1.5); 1-6 | 3.6 (1.4); 2-6 | .69 | 3.8 (1.3); 2-6 | 3.8 (1.7); 1-6 | .95 |
| Control charts | 3.7 (1.5); 1-6 | 3.7 (1.4); 2-6 | .95 | 3.7 (1.3); 2-6 | 3.8 (1.6); 1-6 | .83 |
| Pareto charts | 3.7 (1.6); 1-6 | 3.6 (1.5); 2-6 | .89 | 3.6 (1.2); 2-6 | 3.8 (1.8); 1-6 | .72 |

*Footnote: The top five and bottom five means are displayed here.*

QI, quality improvement