Table 3. GWEP Fellow’s Improved Knowledge about Common Geriatric Medical Conditions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Intro Aging** | **Dementia** | **Depression** | **Falls** | **Medication Management** |
|  | N | X (=%) | SD | p-value | N | X (=%) | SD | p-value | N | X (=%) | SD | p-value | N | X (=%) | SD | p-value | N | X (=%) | SD | p-value |
| **MSW** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pre | 13 | 0.83 | 0.15 |  | 14 | 0.68 | 0.18 |  | 14 | 0.76 | 0.2 |  | 13 | 0.86 | 0.11 |  | 14 | 0.67 | 0.2 |  |
| Post | 14 | 0.96 | 0.06 | 0.0051 | 14 | 0.95 | 0.08 | <.0001 | 14 | 0.97 | 0.08 | 0.0025 | 13 | 0.97 | 0.09 | 0.0019 | 14 | 0.95 | 0.1 | 0.0003 |
| Diff | 13 | 0.13 | 0.14 |  | 14 | 0.27 | 0.18 |  | 14 | 0.21 | 0.22 |  | 13 | 0.12 | 0.11 |  | 14 | 0.29 | 0.22 |  |
| **NP-Gero** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pre |     9 | 0.85 | 0.15 |  | 9 | 0.69 | 0.18 |  | 9 | 0.89 | 0.1 |  |        9 |  0.89 |  0.08 |  |          9 | 0.87 | 0.11 |  |
| Post |    9 | 1 | 1.00 | 0.0158 | 9 | 0.98 | 0.06 | 0.0012 | 9 | 0.92 | 0.16 | 0.5121 |      10 |  0.95 |  0.11 | 0.0357 |          9 | 0.94 | 0.12 | 0.2249 |
| Diff |    9 | 0.15 | 0.00 |  | 9 | 0.3 | 0.18 |  | 9 | 0.03 | 0.14 |  |        9 |  0.09 |  0.09 |  |          9 | 0.07 | 0.17 |  |
| **CNS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pre |     6 | 0.85 | 0.15 |  | 6 | 0.78 | 0.2 |  | 6 | 0.79 | 0.15 |  |  6 | 0.89 |  0.09 |  | 6 | 0.81 | 0.19 |  |
| Post |    6 | 0.96 | 0.06 | 0.0422 | 6 | 0.97 | 0.07 | 0.0335 | 6 | 0.9 | 0.15 | 0.0422 |  6 | 0.94 |  0.09 | 0.1747 | 6 | 1 | 0 | 0.0583 |
| Diff |  6 | 0.1 | 0.09 |  | 6 | 0.19 | 0.16 |  | 6 | 0.12 | 0.11 |  |   6 | 0.06 |  0.09 |  | 6 | 0.19 | 0.19 |  |
| **Compare pre-post  test score difference  across disciplines using ANOVA** |
| **Overall**  |  |  | 0.7943 |  |  | 0.5413 |  |  |  | 0.0696 |  |  |  | 0.4608 |  |  |  | 0.0655 |  |  |
| **Pairwise comparison** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MSW vs. NP-Gero |  |  | 0.9487 |  |  | 0.953 |  |  |  | 0.058 |  |  |  | 0.8492 |  |  |  | 0.0526 |  |  |
| NP-Gero vs CNS |  |  | 0.7763 |  |  | 0.5306 |  |  |  | 0.6228 |  |  |  | 0.7478 |  |  |  | 0.5019 |  |  |
| MSW vs CNS |  |  | 0.8923 |  |  | 0.6361 |  |  |  | 0.5208 |  |  |  | 0.4301 |  |  |  | 0.627 |  |  |

MSW=master of social work; NP-Gero=Adult-Gerontology Primary Care Nurse Practitioner; CNS=Adult-Gerontology Clinical Nurse Specialist; N= number of trainees; X=mean score (% correct) on pre-and post-tests; SD=Standard deviation