| **System** | | | |
| --- | --- | --- | --- |
|  | D2R (N=26) | OTM (N=26) | RTF (N=26) |
| **Task 1: Create and viewing data dictionary - The** |  |  |  |
| **system allows me to accomplish the task well?** |  |  |  |
| Disagree | 0 (0.0%) | 0 (0.0%) | 3 (11.5%) |
| Neither Agree or Disagree | 0 (0.0%) | 0 (0.0%) | 2 (7.7%) |
| Agree | 19 (73.1%) | 12 (46.2%) | 15 (57.7%) |
| Strongly Agree | 7 (26.9%) | 14 (53.8%) | 6 (23.1%) |
|  |  |  |  |
| **Task 1: Create and viewing data dictionary - The** |  |  |  |
| **system enables me to accomplish the task well -** |  |  |  |
| **according to my perceived understanding and** |  |  |  |
| **expectation of the goal?** |  |  |  |
| Disagree | 2 (7.7%) | 0 (0.0%) | 5 (19.2%) |
| Neither Agree or Disagree | 6 (23.1%) | 3 (11.5%) | 4 (15.4%) |
| Agree | 12 (46.2%) | 10 (38.5%) | 12 (46.2%) |
| Strongly Agree | 6 (23.1%) | 13 (50.0%) | 5 (19.2%) |
|  |  |  |  |
| **Time to complete task 1 (seconds)** |  |  |  |
| N | 26 | 26 | 26 |
| Mean (SD) | 244.4 (75.7) | 109.2 (52.4) | 142.0 (60.3) |
| Median | 214.5 | 95.5 | 122.5 |
| Q1, Q3 | 185.0, 272.0 | 79.0, 126.0 | 102.0, 155.0 |
| Range | (160.0-405.0) | (50.0-303.0) | (88.0-346.0) |
|  |  |  |  |
| **Task 2: Updating existing data dictionary - The** |  |  |  |
| **system allows me to accomplish the task well?** |  |  |  |
| Strongly Disagree | 0 (0.0%) | 0 (0.0%) | 1 (3.8%) |
| Disagree | 0 (0.0%) | 1 (3.8%) | 3 (11.5%) |
| Neither Agree or Disagree | 0 (0.0%) | 0 (0.0%) | 3 (11.5%) |
| Agree | 13 (50.0%) | 11 (42.3%) | 11 (42.3%) |
| Strongly Agree | 13 (50.0%) | 14 (53.8%) | 8 (30.8%) |
|  |  |  |  |
| **Task 2: Updating existing data dictionary - The** |  |  |  |
| **system enables me to accomplish the task well -** |  |  |  |
| **according to my perceived understanding and** |  |  |  |
| **expectation of the goal?** |  |  |  |
| Strongly Disagree | 0 (0.0%) | 0 (0.0%) | 1 (3.8%) |
| Disagree | 1 (3.8%) | 1 (3.8%) | 4 (15.4%) |
| Neither Agree or Disagree | 2 (7.7%) | 2 (7.7%) | 5 (19.2%) |
| Agree | 13 (50.0%) | 9 (34.6%) | 10 (38.5%) |
| Strongly Agree | 10 (38.5%) | 14 (53.8%) | 6 (23.1%) |
|  |  |  |  |
| **Time to complete task 2 (seconds)** |  |  |  |
| N | 26 | 26 | 26 |
| Mean (SD) | 102.5 (21.9) | 66.5 (20.4) | 82.8 (35.0) |
| Median | 104.0 | 60.0 | 70.5 |
| Q1, Q3 | 81.0, 121.0 | 54.0, 70.0 | 61.0, 102.0 |
| Range | (64.0-146.0) | (44.0-122.0) | (45.0-206.0) |
|  |  |  |  |
| **Task 3: Searching and binding controlled** |  |  |  |
| **terminology terms - The system allows me to** |  |  |  |
| **accomplish the task well?** |  |  |  |
| Strongly Disagree | 0 (0.0%) | 2 (7.7%) | 9 (34.6%) |
| Disagree | 0 (0.0%) | 7 (26.9%) | 13 (50.0%) |
| Neither Agree or Disagree | 3 (11.5%) | 9 (34.6%) | 2 (7.7%) |
| Agree | 14 (53.8%) | 7 (26.9%) | 2 (7.7%) |
| Strongly Agree | 9 (34.6%) | 1 (3.8%) | 0 (0.0%) |
|  |  |  |  |
| **Task 3: Searching and binding controlled** |  |  |  |
| **terminology terms - The system enables me to** |  |  |  |
| **accomplish the task well - according to my** |  |  |  |
| **perceived understanding and expectation of the** |  |  |  |
| **goal?** |  |  |  |
| Strongly Disagree | 1 (3.8%) | 2 (7.7%) | 11 (42.3%) |
| Disagree | 0 (0.0%) | 9 (34.6%) | 12 (46.2%) |
| Neither Agree or Disagree | 2 (7.7%) | 8 (30.8%) | 2 (7.7%) |
| Agree | 16 (61.5%) | 5 (19.2%) | 1 (3.8%) |
| Strongly Agree | 7 (26.9%) | 2 (7.7%) | 0 (0.0%) |
|  |  |  |  |
| **Time to complete task 3 (seconds)** |  |  |  |
| N | 26 | 26 | 26 |
| Mean (SD) | 187.7 (101.2) | 210.6 (100.3) | 262.7 (125.1) |
| Median | 166.0 | 192.5 | 259.5 |
| Q1, Q3 | 120.0, 249.0 | 131.0, 249.0 | 181.0, 320.0 |
| Range | (60.0-536.0) | (84.0-504.0) | (64.0-600.0) |
|  |  |  |  |
| **Favorite System?** |  |  |  |
| No | 9 (34.6%) | 17 (65.4%) | 26 (100.0%) |
| Yes | 17 (65.4%) | 9 (34.6%) | 0 (0.0%) |
|  |  |  |  |
| **Survey Sum** |  |  |  |
| N | 26 | 26 | 26 |
| Mean (SD) | 5.4 (2.6) | 3.8 (2.2) | 1.1 (1.8) |
| Median | 5.5 | 3.5 | 0.0 |
| Q1, Q3 | 3.0, 7.0 | 2.0, 5.0 | 0.0, 1.0 |
| Range | (1.0-9.0) | (0.0-8.0) | (0.0-8.0) |
|  |  |  |  |
| **Survey Sum - Weighted** |  |  |  |
| N | 26 | 26 | 26 |
| Mean (SD) | 5.8 (2.7) | 4.1 (2.4) | 1.1 (1.9) |
| Median | 6.1 | 3.6 | 0.0 |
| Q1, Q3 | 3.0, 7.5 | 2.0, 5.5 | 0.0, 1.0 |
| Range | (1.3-9.5) | (0.0-8.5) | (0.0-8.3) |