Yleiset tilastolliset kuvaukset

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Muuttuja | Ryhmä 1 | | | Ryhmä 2 |  | + Kaikki |
| Ajattelu 1 |  |  |  |  |  |  |
|  |  | | |  |  |  |
|  |  | | |  |  |  |

Ryhmä 3

Ka Kh Md Ka Kh Md Ka Kh Md

Ajattelu 1

Ajattelu 2

Wilcoxon p < .0001, Z = 3.589

Efektikoko

Matematiikka 1

Matematiikka 2

Wilcoxon p < .001, Z = 3.446 p < .001, Z = 3.367

Efektikoko

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Report** | | | | | |
| INTERVENTIO3 | | SUMAJA1 | SUMAJA2 | SUMMATP1 | SUMMATP2 |
| osallistuu | Mean | 17,0526 | 21,6667 | 36,4211 | 42,1667 |
| N | 19 | 18 | 19 | 18 |
| Std. Deviation | 3,89407 | 4,33861 | 12,55351 | 11,53129 |
| Median | 18,0000 | 22,0000 | 38,0000 | 46,5000 |
| kontrolli | Mean | 17,4286 | 20,3333 | 35,8000 | 41,6667 |
| N | 7 | 6 | 5 | 6 |
| Std. Deviation | 2,99205 | 1,96638 | 11,84061 | 8,45380 |
| Median | 19,0000 | 21,0000 | 30,0000 | 43,0000 |
| hyvä | Mean | 26,4324 | 26,0833 | 47,4054 | 50,1351 |
| N | 37 | 36 | 37 | 37 |
| Std. Deviation | 3,08707 | 3,02726 | 6,22477 | 4,36630 |
| Median | 27,0000 | 26,0000 | 50,0000 | 52,0000 |
| Total | Mean | 22,6032 | 24,1833 | 43,0328 | 46,9508 |
| N | 63 | 60 | 61 | 61 |
| Std. Deviation | 5,65839 | 4,10247 | 10,48168 | 8,42501 |
| Median | 24,0000 | 25,0000 | 47,0000 | 50,0000 |

Ryhmien väliset erot

Kruskall-Wallis Parittaisvertailu Mann-U-testi Efektikoko

Ajattelu 1 p < .001 R1 vs. R2 Z = .001, p = ns

Z = 41.169 R1 vs. R3 Z = -3.985, p < .0001

R2 vs. R3 Z = -5.817, p < .0001

Ajattelu 2 p < .001 R1 vs. R2 Z = .970, p = ns

Z = 21.218 R1 vs. R3 Z = -3.469, p < .001

R2 vs. R3 Z = -3.715, p < .001

Matematiikka 1 p < .001 R1 vs. R2 Z = .060, p = ns

Z = 17.779 R1 vs. R3 Z = -2.370, p < .05

R2 vs. R3 Z = - 3.893, p < .001

Matematiikka 2 p < .001 R1 vs. R2 Z = .543, p = ns

Z = 17.571 R1 vs. R3 Z = -2.912, p < .01

R2 vs. R3 Z = -3.568, p < .001

Matematiikan efektikoon muutos

R1 vs. R2

R1 vs. R3

R2 vs. R3

GainScoreMuutos

Kruskall-Wallis Parittaisvertailu

Ajattelu Z = 19.330, p < .001 R1 vs. R2 Z = 1.501, p = ns

R1 vs. R3 Z = 4.387, p < .001

R2 vs. R3 Z = 1.302, p = ns

Matematiikka Z = 7.554, p < .05 R1 vs. R2 Z = .420, p = ns

R1 vs. R3 Z = 2.695, p < .01

R2 vs. R3 Z = 1.05, p = ns