**Judul : Validasi Penggunaan bentuk geometri dalam meningkatkan kemampuan mengelompokkan bangun datar pada Murid tunarungu kelas dasar II di SLB-C YPPLB 2 Makassar**

|  |  |  |  |
| --- | --- | --- | --- |
| **SUBYEK**  | **RATER** | **T** | **T** |
|  |  |  |  |
| 2 | 2 | 2 | 6 | 36 |
| 1. 1
 | 2 | 2 | 2 | 6 | 36 |
| 2 | 2 | 2 | 2 | 6 | 36 |
| 3 | 2 | 2 | 2 | 6 | 36 |
| 4 | 2 | 2 | 2 | 6 | 36 |
| 5 | 2 | 2 | 2 | 6 | 36 |
| 6 | 2 | 2 | 2 | 6 | 36 |
| 7 | 2 | 2 | 2 | 6 | 36 |
| 8 | 2 | 2 | 2 | 6 | 36 |
| 9 | 2 | 2 | 2 | 6 | 36 |
| 10 | 2 | 2 | 2 | 6 | 36 |
| B.1 | 2 | 2 | 2 | 6 | 36 |
| 2 | 2 | 2 | 2 | 6 | 36 |
| 3 | 2 | 2 | 2 | 6 | 36 |
| 4 | 2 | 2 | 2 | 6 | 36 |
| 5 | 2 | 2 | 2 | 6 | 36 |
| 6 | 2 | 2 | 2 | 6 | 36 |
| 7 | 2 | 2 | 2 | 6 | 36 |
| 8 | 2 | 2 | 2 | 6 | 36 |
| 9 | 2 | 2 | 2 | 6 | 36 |
| 10 | 2 | 2 | 2 | 6 | 36 |
| C.1 | 2 | 2 | 2 | 6 | 36 |
| 2 | 2 | 2 | 2 | 6 | 36 |
| 3 | 2 | 2 | 2 | 6 | 36 |
| 4 | 2 | 2 | 2 | 6 | 36 |
| 5 | 2 | 2 | 2 | 6 | 36 |
| 6 | 2 | 2 | 2 | 6 | 36 |
| 7 | 2 | 2 | 2 | 6 | 36 |
| 8 | 2 | 2 | 2 | 6 | 36 |
| 9 | 2 | 2 | 2 | 6 | 36 |
| 10 | 2 | 2 | 2 | 6 | 36 |
| D.1 | 2 | 2 | 2 | 6 | 36 |
| 2 | 2 | 2 | 2 | 6 | 36 |
| 3 | 2 | 2 | 2 | 6 | 36 |
| 4 | 2 | 2 | 2 | 6 | 36 |
| 5 | 2 | 2 | 2 | 6 | 36 |
| 6 | 2 | 2 | 2 | 6 | 36 |
| 7 | 2 | 2 | 2 | 6 | 36 |
| 8 | 2 | 2 | 2 | 6 | 36 |
| 9 | 2 | 2 | 2 | 6 | 36 |
| 10 | 2 | 2 | 2 | 6 | 36 |
| **∑ R** | **80** | **80** | **80** | **∑T240** | **∑T2 1440** |
| **∑R2** | **6400** | **6400** | **6400** | **19200** |
|  | **160** | **160** | **160** | **480** |

KETERANGAN :

n =40 ∑R = 240 $\sum\_{R}^{}2$= 19200

k =3 ∑T = 240 $\sum\_{T}^{}2$= 1440

∑ i=240 $\sum\_{i}^{}2$= 480

$S\_{e}^{2}$ =$\frac{∑i2-}{(n-1)}$ $\frac{\frac{\sum\_{R}^{}2 }{n} - \frac{\sum\_{T}^{}2}{k} }{(k-1)} $+$\frac{(\sum\_{i)}^{}2}{}$/nk

$s\_{e}^{2}$ =$\frac{\frac{\sum\_{T}^{}2}{K}}{(n-1)}+\frac{(∑i)^{2}}{}∕$nk

$s\_{e}^{2}$ = varians antara subyek yang di kenai rating

$s\_{e}^{2}$ = varians eror,yaitu varians interaksi subjek (s) dan (r)

$s\_{e}^{2}$ = $\frac{240}{40-1}-\frac{\frac{19200}{40} - \frac{1440}{3}}{3-1}+ ^{(240)^{2}}/\_{40(3)}$

$s\_{e}^{2}$ = $\frac{240-480-480+480 }{78}= \frac{240}{78}=-3.1$

$s\_{e}^{2}$ = $\frac{\frac{1440}{3}}{40-1}+ {240^{2}}/{40(3)} $

$s\_{e}^{2}$ = $\frac{480 + 480 }{39}$ = 24.6

reabilitasi rata-rata rating dari ketiga tater tersebut adalah

$r\_{xx}$ = $\left(s\_{e}^{2}-s\_{e}^{2}\right)/s\_{s}^{2}$

$r\_{xx}$ = (24,6-3,1)/ 24,6

 = 0,87

Berdasarkan hasil perhitungan reabilitas rata-rata rating di atas maka dapat disimpulkan bahwa validasi dalam penggunaan bentuk geometri kemampuan mengelompokkan bangun datar pada murid tunarungu kelas dasar II di SLB-C YPPLB 2 Makassar dikategorikan sudah memenuhi syarat dalam keadaan valid dan reabel diujikan berdasarkan dengan hasil dari ketiga rater,yang didapatkan adalah 0,87