Table 1. Cognitive Ability of Girls and Boys.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group Statistics** | | | | | |
|  | Gender | N | Mean | Std. Deviation | Std. Error Mean |
| CognitiveAspects | Girl | 20 | 3,5000 | ,45883 | ,10260 |
| Boy | 20 | 3,4000 | ,47573 | ,10638 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| CognitiveAspects | Equal variances assumed | ,495 | ,486 | ,677 | 38 | ,503 | ,10000 | ,14779 | -,19919 | ,39919 |
| Equal variances not assumed |  |  | ,677 | 37,950 | ,503 | ,10000 | ,14779 | -,19920 | ,39920 |

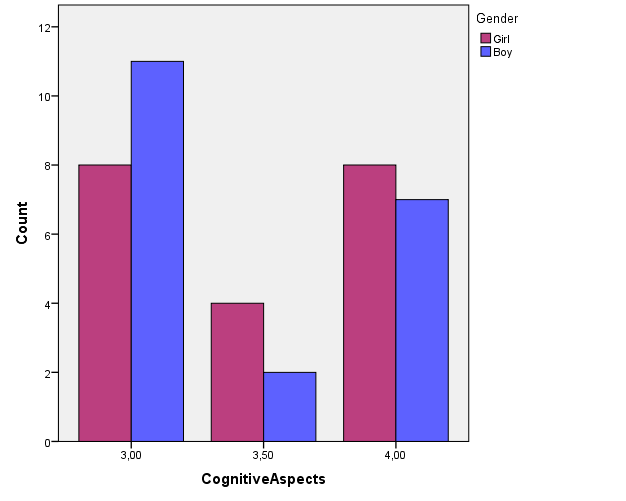


Figure 1. Comparison Diagram of Cognitive Ability of Boys and Girls

Table 2. Analyze Children Ability

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | ,670a | ,449 | ,404 | ,39107 |
| a. Predictors: (Constant), DeconstructionAbility, DifferentiationAbility, OrganizeAbility | | | | |

Table 3. ANOVA Ability to Children Analyze

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | Df | Mean Square | F | Sig. |
| 1 | Regression | 4,494 | 3 | 1,498 | 9,796 | ,000b |
| Residual | 5,506 | 36 | ,153 |  |  |
| Total | 10,000 | 39 |  |  |  |
| a. Dependent Variable: Gender | | | | | | |
| b. Predictors: (Constant), DeconstructionAbility, DifferentiationAbility, OrganizeAbility | | | | | | |

Table 4. Coefficients Ability to Children Analyze

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 5,535 | ,782 |  | 7,080 | ,000 |
| DifferentiationAbility | ,045 | ,166 | ,038 | ,274 | ,786 |
| OrganizeAbility | -,642 | ,197 | -,453 | -3,265 | ,002 |
| DeconstructionAbility | -,541 | ,189 | -,386 | -2,864 | ,007 |
| a. Dependent Variable: Gender | | | | | | |