

## **Hubungan Kecerdasan Emosional Dengan Hasil Belajar Biologi Siswa Kelas XI IPA SMA Negeri 1 Berastagi Tahun Pembelajaran 2013/2014**

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### **ABSTRAK**

Penelitian ini bertujuan untuk mengetahui hubungan kecerdasan emosional dengan hasil belajar biologi siswa kelas XI IPA SMA Negeri 1 berastagi tahun pembelajaran 2013/2014. Populasi dalam penelitian ini adalah seluruh siswa kelas XI IPA SMA Negeri 1 Berastagi tahun pembelajaran 2013/2014 berjumlah 160 orang. Tetapi Sampel yang digunakan berjumlah 60 orang, diambil dari 3 kelas (XI IPA3, XI IPA 4, XI IPA5). Jenis penelitian yang digunakan dalam penelitian ini adalah deskriptif, dengan kuesioner ( angket) dan dokumentasi data hasil belajar biologi siswa berupa nilai ujian semester yang diperoleh dari guru bidang studi.

Dari hasil uji persyaratan data diketahui bahwa data kecerdasan emosional maupun data hasil belajar biologi siswa berdistribusi secara normal dan homogeny dengan skor rata- rata 147,13 dan standar deviasi 6,27 untuk data kecerdasan emosional siswa dan nilai rata-rata 75,71 dan standar deviasi 7,42. Untuk data hasil belajar biologi siswa.

Berdasarkan analisis data diketahui bahwa untuk persamaan regresi  $Y = -49,36 + 0,85X$  merupakan regresi linier, dimana  $F_{hitung} < F_{tabel}$  ( $0,93 < 4,01$ ) dengan taraf kepercayaan  $\alpha = 0,05$ . Dari perhitungan koefisien korelasi didapat  $r = 0,71$  dengan indeks determinasi  $I = 50,41$  %. Artinya ada hubungan signifikan ( positif) dan berarti antara kecerdasan emosional dengan hasil belajar biologi siswa kelas XI IPA SMA Negeri 1 Berastagi tahun pembelajaran 2013/2014 , dimana faktor kecerdasan emosional memberikan kontribusi sebesar 50,41 % terhadap hasil belajar biologi siswa kelas XI IPA SMA Negeri 1 Berastagi tahun pembelajaran 2013/2014. Untuk pengujian hipotesis diperoleh  $t_{hitung} > t_{tabel}$  ( $7,7 > 1,645$ ) sehingga dalam pengujian hipotesis berarti  $H_0$  ditolak sekaligus menerima  $H_a$ .

**The Correlation Between Emotional Intelligence with Students' Achievement  
in Biology Subject of Grade XI Science Students of State Senior High School  
1 Berastagi Academic Year 2013/2014**

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**Abstract**

This research is aimed to find out the correlation of emotional intelligence with students' achievement in Biology subject of Grade XI Science students of State Senior High School 1 Berastagi academic year 2013/2014. The population on this research are second grade students of State Senior High School 1 Berastagi 2013/2014 academic year. The sample are 60 students. was taken from 3 classes (XI IPA 3. XI IPA 4. XI IPA 5). The research design is descriptive research, using questionnaire and documentation of students' achievement on Biology subject that is gotten from the teacher.

From the result of data regulation test, it is known that the data of emotional intelligence or students' achievement in Biology subject is distributing normally, and the average score of homogeneity is 147.13 and deviation standard of emotional intelligence is 6.27 and the average score is 75.71 and deviation standard of students' achievement in Biology subject is 7.42

Based on data analysis, it is known that the shape of the regression emotional  $\hat{Y} = -49,36 + 0.85X$  is linear regression, where  $F_{hitung} < F_{table}$  ( $0.93 < 4.01$ ) with a confidence level  $\alpha = 0,05$ . From the calculation of the correlation coefficient obtained  $r = 0.71$  with the index of the determination  $I = 50.41\%$ . It means that there is a positive significant correlation between emotional intelligence and students' achievement in Biology subject of Grade XI Science students of State Senior High School 1 Berastagi academic year 2013/2014. where the factors of emotional intelligence give contribution 50.41% to students' achievement in Biology subject of grade XI Science students of State Senior High School 1 Berastagi academic year 2013/2014. From the hypothesis testing, it is gotten that  $t_{count} > t_{table}$  ( $7.7 > 1.645$ ) so that  $H_0$  is rejected and  $H_a$  is received at once.