ABSTRAK

SYIFA ROSDIATUL WAHDAH. 2023. **Korelasi Antara Keterampilan Interpretasi Data dengan Keterampilan Mengkomunikasikan pada Materi Sistem Eksresi (Studi Korelasional di kelas XI MIPA MAN 1 Kabupaten Tasikmalaya Tahun Ajaran 2020/2021).** Skripsi Pendidikan Biologi Fakultas Keguruan dan Ilmu Pendidikan Universitas Siliwangi.

Penelitian ini bertujuan untuk mengetahui korelasi antara keterampilan interpretasi data dengan keterampilan mengkomunikasikan pada materi sistem eksresi dikelas XI MIPA MAN 1 Kabupaten Tasikmalaya Tahun ajaran 2020/2021. Penelitian ini dilaksanakan pada bulan februari s/d maret 2021. Metode penelitian yang digunakan adalah metode korelasional dengan populasi yaitu seluruh kelas XI MIPA MAN 1 Kabupaten Tasikmalaya sebanyak 8 kelas dengan total 275 peserta didik. Teknik pengambilan sampel dilakukan dengan metode *purposive sampling*. Sampel yang diambil yaitu kelas XI MIPA 1 dan XI MIPA 6 sebanyak 38 orang. Teknik pengumpulan data berupa pemberian instrumen berbentuk soal uraian keterampilan interpretasi data sebanyak 6 soal dan keterampilan mengkomunikasikan sebanyak 5 soal. Teknik analisis data dilakukan melalui uji prasyarat analisis dan uji hipotesis. Uji prasyarat analisis menggunakan uji Kolmogorov-Smirnov dan diperoleh nilai signifikasi keterampilan interpretasi data $0.078 > 0.05$ dan keterampilan mengkomunikasikan 0.181. Uji Linearitas diperoleh nilai signifikasi $0.174 > 0.05$. uji hipotesis menggunakan uji korelsi bivariat dengan nilai signifikasi diperoleh sebesar $0.004 < 0.05$ sehingga H0 ditolak yang artinya ada korelasi antara keterampilan interpretasi data dengan keterampilan mengkomunikasikan peserta didik dengan nilai R= 0,456 R2= 0,208. Sehingga kontribusi keterampilan interpretasi data terhadap keterampilan mengkomunikasikan sebesar 20,8%.

Kata Kunci: Korelasi, Keterampilan interpretasi data, keterampilan mengkomunikasikan

ABSTRACT

SYIFA ROSDIATUL WAHDAH. 2023. *Correlation Between Data Interpretation Skills and Communicating Skills on Excretion System Material Grade XI MIPA MAN 1 Tasikmalaya.* *Biology Education Department, Faculty of Science and Teacher's Training, Siliwangi University of Tasikmalaya.*

This research was conducted to investigate correlation between data interpretation skills and communication skills on excretory system material in class XI MIPA MAN 1 Tasikmalaya. This research was conducted from February to March 2021. The research method used was a correlation method with a population, namely all classes XI MIPA MAN 1 Tasikmalaya as many as 8 classes with a total of 275 students. The sampling technique was carried out by purposive sampling method. The samples taken were class XI MIPA 1 and XI MIPA 6 as many as 38 people. The data collection technique was in the form of providing instruments in the form of description questions on data interpretation skills as many as 6 questions and communication skills as many as 5 questions. Data analysis techniques were carried out through prerequisite analysis tests and hypothesis testing. The analysis prerequisite test used the Kolmogorov-Smirnov test and obtained a significance value of data interpretation skills 0.078 > 0.05 and communication skills 0.181. The Linearity test obtained a significance value of 0.174 > 0.05. hypothesis testing using the bivariate correlation test with a significance value obtained of 0.004 <0.05 so that H0 is rejected, which means there is a correlation between data interpretation skills and students' communication skills with a value of R = 0.456 R2 = 0.208. So that the contribution of data interpretation skills to communication skills is 20.8%.

Keywords: Correlation, data interpretation skills, communication skills