EoS - E-tutorial 02 - WiSe 2022/2023

StatRef.C.2.1.00010 (60 Punkte)

Sie haben die folgende Antwort gegeben:

Alex, a statistics student, wants to test a rather unusual hypothesis: he claims that there is a relation between a student's favoured movie genre and her chosen field of study. In order to test his assumption, Alex conducted a survey among the students of faculty IV of the Trier University and summarised his findings in the following contingency table:

Hint: Please round your results - if necessary and if not asked otherwise - to **four** decimal places.

	Action	Fantasy	Comedy
Economics	53	60	132
Business	228	215	107
Social sciences	9	18	178

> a) (60 Points) In order to analyse the relation between movie genre and field of study, calculate the value of the standardised contingency coefficient. 0.5886 ✅

Die bestmögliche Lösung lautet:

Sie haben 60 von 60 möglichen Punkten erreicht.