

Ulm, March 21<sup>st</sup> 2019

CERTIFICATE

I, Dr. med. Giulia Manzini, MSc in medical biometry and biostatistics, certify that the statistical analysis of the article entitled:

"Validity of studies suggesting preoperative chemotherapy for resectable thoracic esophageal cancer: a critical appraisal of randomized trials"

Was performed by myself, having the title of Msc in medical biometry and biostatistics. Below you find the Certificate.

Dr. med. Giulia Manzini, MSc

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

UNIVERSITÄT  
HEIDELBERG

Future. Since 1386.

# MASTER DEGREE

Dr. med. Giulia Manzini

date of birth: 08 May 1984

place of birth: Verona/Italy

passed the final examination for the M.Sc. course in  
"Medical Biometry/Biostatistics" at Heidelberg University on 19 October 2015,

achieving the overall grade

2.1

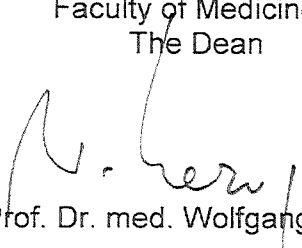
On the basis of this examination she is awarded a degree as

## MASTER OF SCIENCE (M.Sc.) IN MEDICAL BIOMETRY

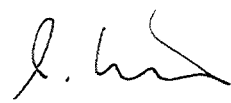
Heidelberg, 19 October 2015

Ruprecht-Karls-University Heidelberg

Faculty of Medicine  
The Dean

  
Prof. Dr. med. Wolfgang Herzog

Examinations Board for the M.Sc. Course  
The Chairman

  
Prof. Dr. sc.hum. Meinhard Kieser

