

Exercise Sheet 1

Chapter 1: Introduction

1. Using examples, critically discuss the next statement from the perspective of software engineering practitioners: *“All models are wrong, some models are useful,”* George Box.
2. Give two examples of how empirical studies can support the development and improvement of software technologies.

Chapter 2: Measurement

3. Give examples of
 - Basic and aggregative measures
 - Direct and indirect measures
 - Objective and subjective measures.
4. Critically discuss next statement from the perspective of a QM team: *“Not everything that can be counted counts and not everything that counts can be counted,”* Albert Einstein.

Hint: Each team should submit their solutions to michael.klaes [a] iese.fraunhofer.de **until June 16th** at ten in the morning. Solutions should be submitted using **PowerPoint** format for facilitating the discussion during the exercise class.
