

Summarization of German Verdicts

Sebastian Moser, 14.10.2020, Guided Research

Chair of Software Engineering for Business Information Systems (sebis)
Faculty of Informatics
Technische Universität München
www.matthes.in.tum.de

Motivation

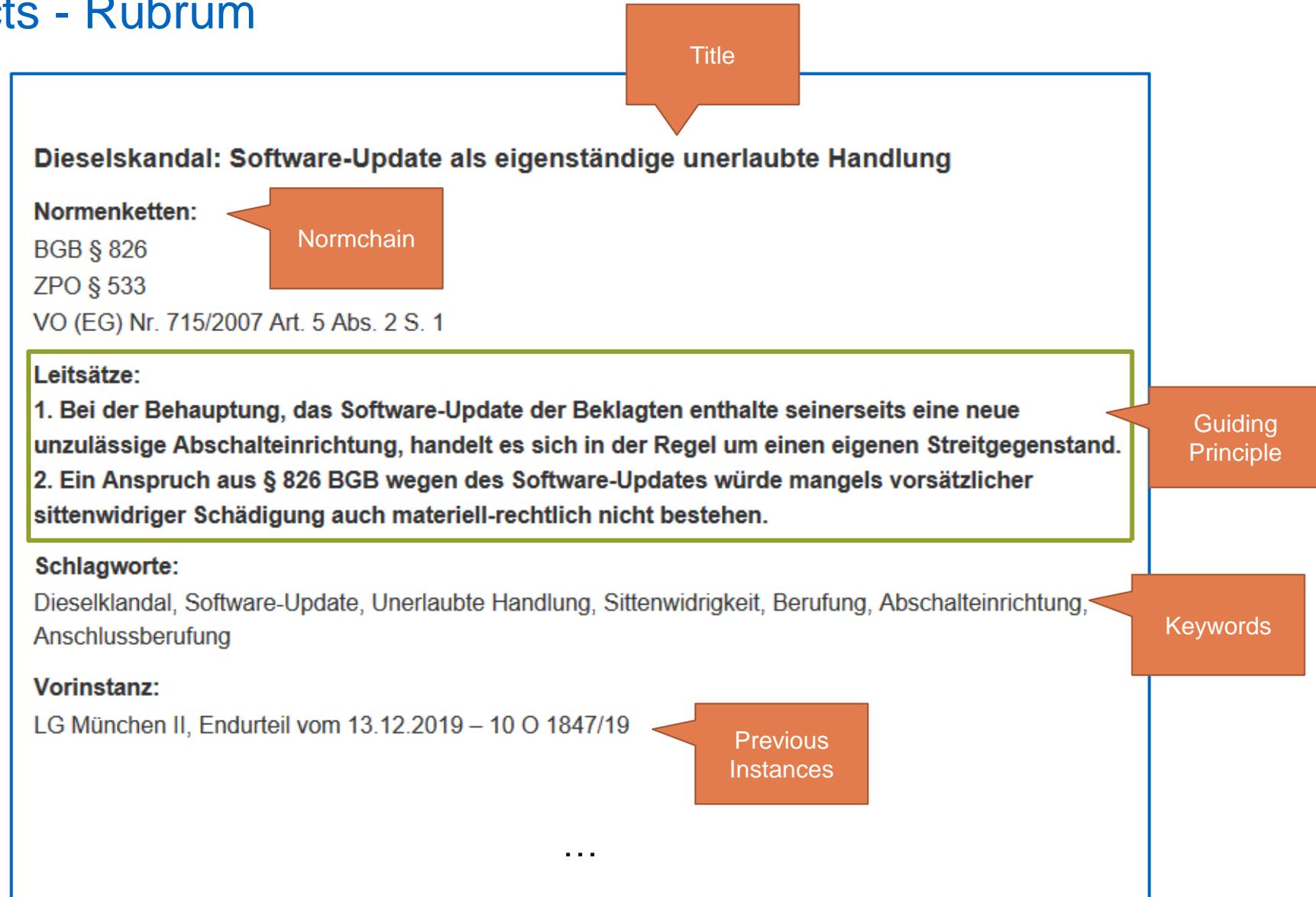
- German Verdicts
- Publishing Process

Automatic Summarization

- Extractive Summarization
- Abstractive Summarization
- Legal Domain

Research Questions

Timeline



Title

Dieselskandal: Software-Update als eigenständige unerlaubte Handlung

Normketten:

- BGB § 826
- ZPO § 533
- VO (EG) Nr. 715/2007 Art. 5 Abs. 2 S. 1

Leitsätze:

1. Bei der Behauptung, das Software-Update der Beklagten enthalte seinerseits eine neue unzulässige Abschaltvorrichtung, handelt es sich in der Regel um einen eigenen Streitgegenstand.
2. Ein Anspruch aus § 826 BGB wegen des Software-Updates würde mangels vorsätzlicher sittenwidriger Schädigung auch materiell-rechtlich nicht bestehen.

Schlagnworte:

Dieselskandal, Software-Update, Unerlaubte Handlung, Sittenwidrigkeit, Berufung, Abschaltvorrichtung, Anschlussberufung

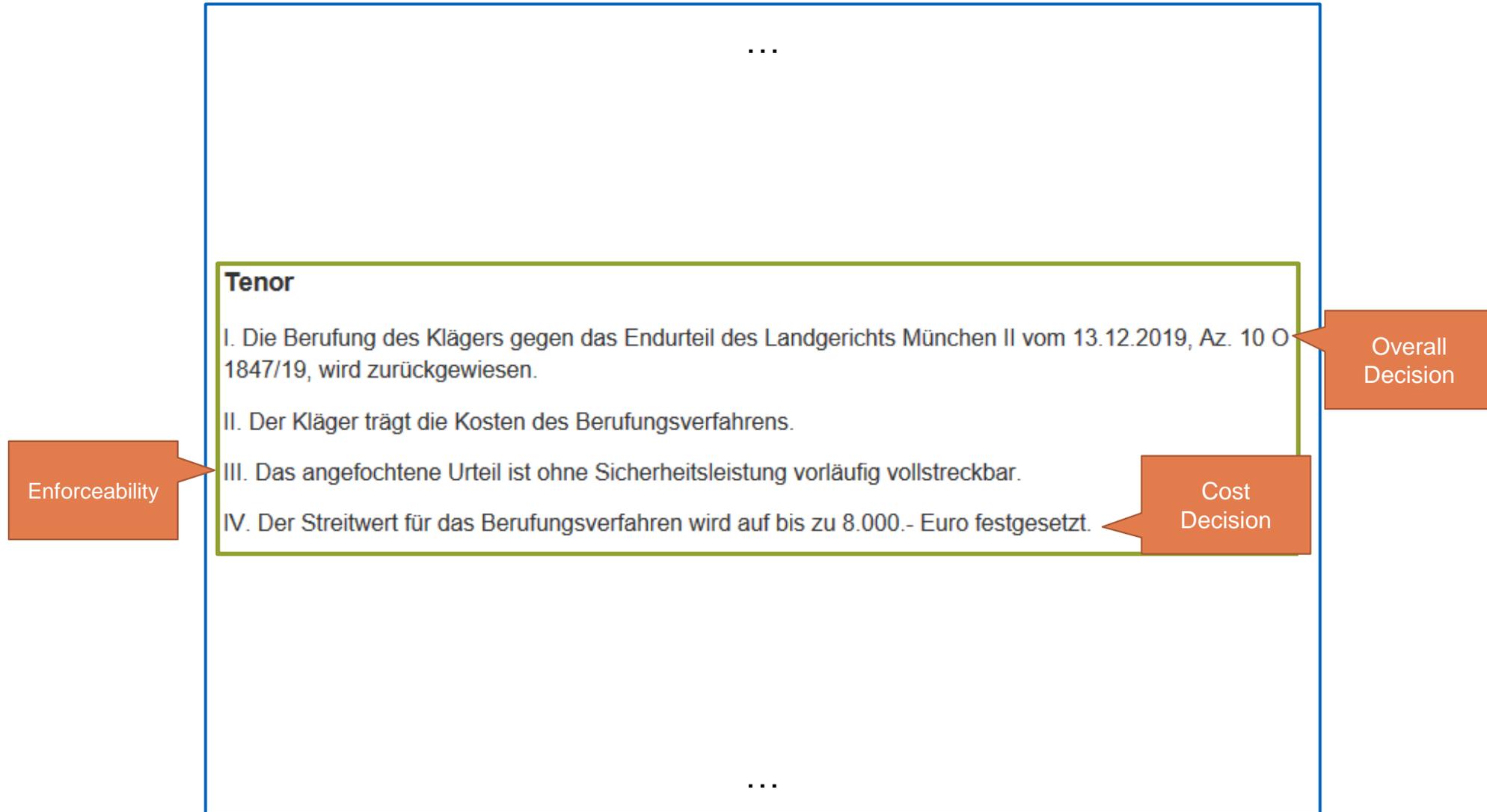
Vorinstanz:

LG München II, Endurteil vom 13.12.2019 – 10 O 1847/19

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Callouts:

- Normchain
- Guiding Principle
- Keywords
- Previous Instances



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Gründe

I.

1

Der Kläger macht gegen die Beklagte Ansprüche nach dem Kauf eines Gebrauchtwagens im Zusammenhang mit dem sog. „VW-Abgasskandal“ geltend. Die Klagepartei erwarb mit Kaufvertrag vom 18.03.2016 einen gebrauchten PKW der Marke VW Passat 2.0 TDI zum Kaufpreis von 7.900,- €. Der PKW ist mit einem Dieselmotor Typ EA 189 ausgestattet, den die Beklagte hergestellt hat.

2

Das Landgericht hat die Klage insgesamt mangels Vorsatznachweis abgewiesen. Hiergegen richtet sich die Berufung des Klägers, mit der er seine erstinstanzlichen Anträge weiter verfolgt.

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II.

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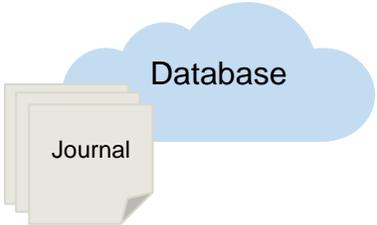
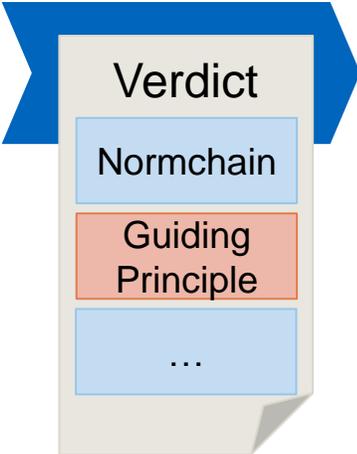
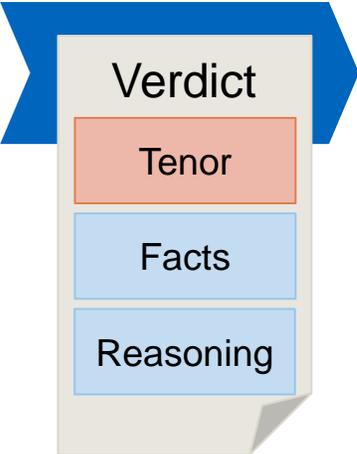
Die Berufung des Klägers ist gemäß § 522 Abs. 2 ZPO im Beschlussweg als unbegründet zurückzuweisen, da der Senat einstimmig davon überzeugt ist, dass die Berufung offensichtlich keine Aussicht auf Erfolg hat, die Rechtssache keine grundsätzliche Bedeutung hat, die Fortbildung des Rechts oder die Sicherung einer einheitlichen Rechtsprechung eine Entscheidung des Senats nicht erfordern und eine mündliche Verhandlung nicht geboten ist.

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Facts

Reasoning

Publishing Process



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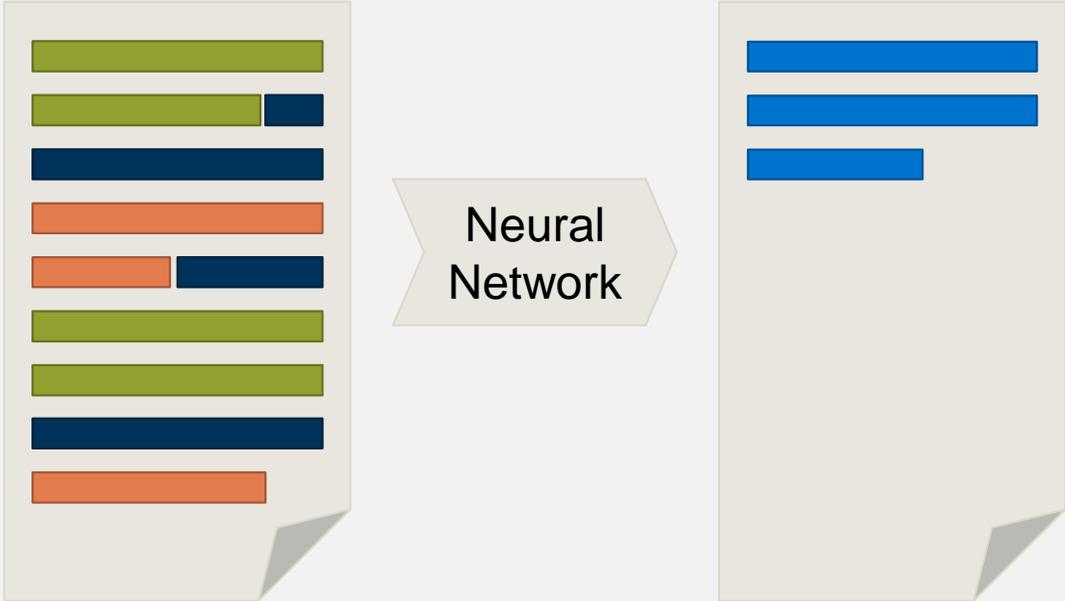
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Timeline

Extractive Summarization



Abstractive Summarization





- Word/char representation
- Background Knowledge
- Segmentation

- Topic representation
- Knowledge base
- Graph-based
- Hierarchical encoder + extractor
- ...



- Word/char representation
- Background Knowledge

- CNN + FFNN
- RNN/LSTM/GRU [9]
- Attention/Transformer
→ Hierarchy

- Previous output + Encoding
- RNN/Attention
- Copying possible [11]

Optimization

- End-to-End
- Reinforcement Learning [10]
- Distraction/ Coverage Loss [11]

Extractive Summarization

- + Less resource intensive (Data, Training,...)
- + Factual Consistency
- Copying of input document
- Inconsistent phrasal structure/ cohesion
- Combination of scattered information

Abstractive Summarization

- + Fluent summarization
- + Abstract summarizations
- Resource intensive
- More complex approach
- Repetition ^[10]

- Word overlap (ROUGE) [7]



- Information Extraction [2] [13]



- Human Evaluation

Surrounding Conditions

- New domain: German + Legal [4][5]
- Long documents [12]
- Factual consistency necessary [2][13]
- (Multi-Document + Knowledge Base)

Types

- Tenor
- Guiding Principle

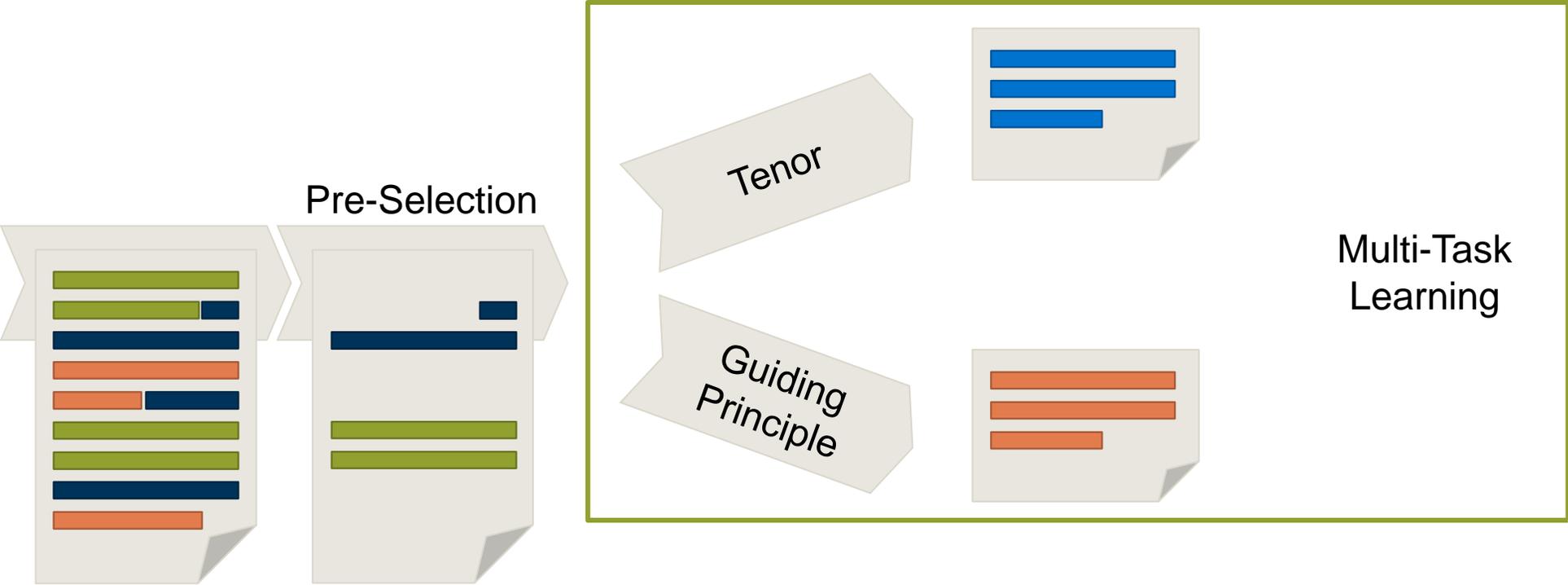


Dataset

- ~ 70.000 verdicts
- ~ 10.000 Guiding Principles
- Additional datasets
- Scraping of Online Databases

ottoschmidt

Legal Summarization – Possible Approach



Outline

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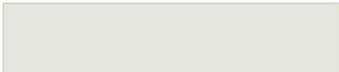
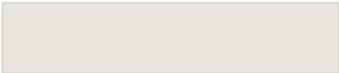
R1 How to generate high-quality summaries of German verdicts?

R1.1 Is extractive summarization sufficient or abstractive summarization necessary?

R1.2 How to apply summarization approaches to long, German legal documents?

R2 Is it possible to generate Guiding Principles only based on the verdict?

R3 How to compare summaries on a semantic level?



Literature Research

Data & Preprocessing

Implementation & Experiments

Writing



B. Sc.

Sebastian Moser

Technische Universität München
Faculty of Informatics
Chair of Software Engineering for Business
Information Systems

Boltzmannstraße 3
85748 Garching bei München

Tel +49.89.289. 17132
Fax +49.89.289.17136

www.matthes.in.tum.de



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