



Vinodh Ilangovan (Herausgeber)

Sören Auer (Herausgeber)

Markus Stocker (Herausgeber)

Lars Vogt (Herausgeber)

Sanju Tiwari (Herausgeber)

Open Research Knowledge Graph



ORKG

Open Research Knowledge Graph

Sören Auer / Vinodh Ilangovan / Markus
Stocker / Sanju Tiwari / Lars Vogt (Eds.)



Cuvillier Verlag
Internationaler wissenschaftlicher Fachverlag

<https://cuvillier.de/de/shop/publications/9037>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen,
Germany

Telefon: +49 (0)551 54724-0, E-Mail: info@cuvillier.de, Website: <https://cuvillier.de>

Contents

Acknowledgements.....	5
Prologue	7
1. Introduction.....	15
2. ORKG Concepts.....	21
2.1 Graph Concepts Background.....	21
2.2 Content Types.....	22
2.2.1 Papers and Contributions	22
2.2.2 Comparisons	24
2.2.3 Visualizations	25
2.2.4 Reviews	26
2.2.5 Lists	28
2.2.6 Research Fields	29
2.2.7 Other Content Types	30
2.3 Miscellaneous Tools	31
2.3.1 Observatories and Organizations	31
2.3.2 Statement Browser	31
2.3.3 Templates	32
2.3.4 Contribution Editor	33
2.3.5 CSV Importer	33
2.3.6 Survey Importer	34
2.3.7 Smart Suggestions	35
3. Guidelines for creating Comparisons	37
3.1 Understanding the value of Comparisons in the ORKG	37
3.2 Important characteristics of a Comparison	39
3.3 Creating high quality Comparisons	40
3.3.1 Human- and machine-actionable elements	40
3.3.2 Knowledge Graph Structure	41
3.4 Ensuring data quality of Comparisons	42
3.5 Discoverability of ORKG Comparisons.....	45
3.6 Conclusion	46
4. ORKG Benchmarks	49

