This thesis provide a reproducible approach for analyzing the scientific use of large, open-source football datasets, exemplified through the dataset of \textcite{pappalardo2019public}. The findings reveal a strong focus on performance-oriented analyses, predominantly driven by machine learning methods, while contextual perspectives remain underexplored. Studies focusing on practical applicability are often neglected, contributing to a research-practice gap. In addition, collaboration between research groups is limited, which could have disadvantages such as the restriction of knowledge transfer but can also go in the opposite direction. Also, the limited sharing of code material in many studies decreases transparency, reproducibility and the practical application of findings.

Future work should prioritize interdisciplinary collaboration to bridge technical know-how with applied sports science, push forward more contextualized analyses and translate computational findings into actionable insights for coaches, athletes and practitioners. bitte verbessere die sätze und mache ihn flüssiger aber behalte die struktur bei

Hier ist eine flüssigere Version deines Textes, die die Struktur und den Inhalt beibehält:

This thesis provides a reproducible approach for analyzing the scientific use of large, open-source football datasets, exemplified through the dataset of \textcite{pappalardo2019public}. The findings reveal a strong focus on performance-oriented analyses, predominantly driven by machine learning methods, while contextual perspectives remain underexplored. Studies emphasizing practical applicability are often neglected, contributing to a gap between research and practice. Furthermore, collaboration between research groups is limited, which can restrict knowledge transfer, although in some cases it may also have the opposite effect. In addition, the limited sharing of code in many studies reduces transparency, reproducibility, and the practical application of findings.

Future work should prioritize interdisciplinary collaboration to combine technical expertise with applied sports science, promote more contextualized analyses, and translate computational findings into actionable insights for coaches, athletes, and practitioners.

Wenn du willst, kann ich noch eine **etwas elegantere, akademischere Version** formulieren, die flüssiger liest, ohne dass die Struktur verloren geht. Willst du, dass ich das mache?