- Longitudinal study of concussion-related diffusion MRI
- changes in college athletes: modeling tracts via
- hierarchical generalized additive models
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8 Abstract

9 Abstract here.

10 KEYWORDS: DWI, MRI, GAM, TBI

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1 Introduction

13 Introduction here.

¹⁴ 2 Methods

15 2.1 Participants

Participants here.

17 2.2 ImPACT

Description of ImPACT.

19 2.3 MRI Protocol

20 Description of MRI protocol.

2.4 MRI Data Processing

22 Description of DWI processing.

23 2.5 GAM specification

Description of GAM.

25 3 Results

26 3.1 Participants

²⁷ Demographics and ImPACT.

28 3.2 DWI Tracts

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3.3 DWI Tracts Interactions - ImPACT

Description of DWI-ImPACT interaction.

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4 Discussion

Discussion.

36 Acknowledgments

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5 Supplemental Materials

39 Supplemental Materials.

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Supplemental Tables.

5.2 Figures

Supplemental Figures.