1. 【研究の概要図】

この応募用紙に記載する研究の概要を1頁以内で図式や分かりやすい色を用い、概要図を作成してください。

※様式の変更・追加は不可(以下同様)

研究課題名: Estimating Glioma Grading using a multi-task deep learning model with IDH genotype self-prompt

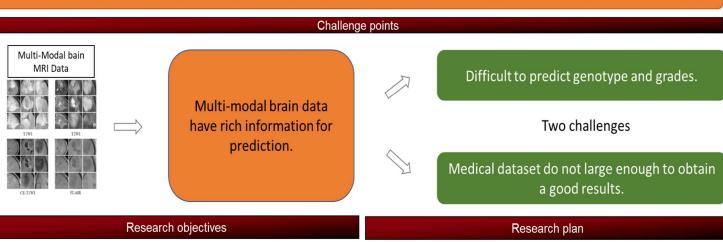


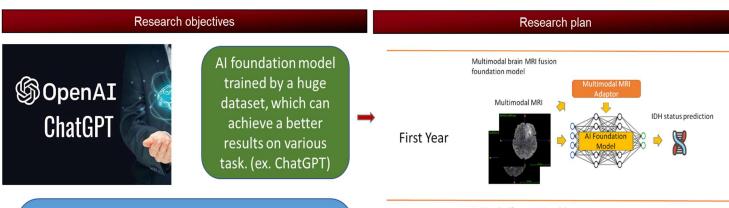
「Glioma Grading using a multi-task deep learning model with IDH genotype self-prompt」





A computer diagnosis system predicting the IDH genotype and Glioma (brain tumor) grade could help doctors for surgery.





With AI foundation model the dataset problems can be solved.

With IDH genotype self-prompting, the diagnosis of tumor grades can be better.

Multi-task self-prompt AI model for glloma diagnosis

Multimodal MRI

Second Year

Grade prediction

Model

Grade I, II, III, IV