Neuroimaging Table

Joey Trampush

```r
# Load necessary libraries
library(gt)
library(tibble)

# Create a data frame using tibble::tribble for clarity
demographics_data <- tibble::tribble(
  ~Study, ~`Sample Size`, ~`Age (Mean ± SD)`, ~Gender, ~`ADHD Subtypes`, ~`Imaging Modality`
  "Alves (2024)", "30 ADHD, 30 controls", "Not fully extracted", "Not fully extracted", "Not
  "Amen (2021)", "1,006 ADHD, 129 controls", "Not fully extracted", "Not fully extracted", "(
  "Chaim-Avancini (2017)", "67 ADHD, 58 controls", "27.0 ± 6.0 (ADHD)", "52 males/15 females
  "Schneider (2014)", "N=427, 40% ADHD, 60% Other Psych", "40.9 years ± 15.7", "Not fully ext
  "Wang (2023)", "50 ADHD, 50 controls", "Not fully extracted", "Not fully extracted", "Inatt
  "Wang (2013)", "23 ADHD, 23 controls", "35.14 ± 9.75 (ADHD), 32.04 ± 9.23 (Controls)", "18
  "Wolfers (2016)", "184 ADHD, 103 unaffected siblings, 128 controls", "Not fully extracted"
  "Yao (2018)", "112 ADHD, 77 controls (adults); 34 ADHD, 28 controls (children)",
  "Adults: 25.93±4.86 (ADHD), 26.04±3.94 (controls); Children: 9.79±1.86 (ADHD), 10.29±1.67
  "Adults: 37F/75M (ADHD), 34F/43M (controls); Children: All male",
  "Not fully extracted",
  "fMRI",
  "Used two separate datasets (adults and children); Focus on default mode network"
)
```

```r
# Generate the gt table
demographics_table <- demographics_data |>
  gt() |>
  tab_header(
    title = md("Demographics Table for Adult ADHD Review"),
    subtitle = md("**Neuroimaging Studies Demographics Summary**")
  ) |>
  # Optionally, relabel columns (here they are already clear)
  cols_label(
    Study = "Study",
```

Demographics Table for Adult ADHD Review
Neuroimaging Studies Demographics Summary

Study	Sample Size	Age (Mea
Alves (2024)	30 ADHD, 30 controls	Not fully
Amen (2021)	1,006 ADHD, 129 controls	Not fully
Chaim-Avancini (2017)	67 ADHD, 58 controls	27.0 ± 6.0
Schneider (2014)	N=427, 40% ADHD, 60% Other Psych	40.9 years
Wang (2023)	50 ADHD, 50 controls	Not fully
Wang (2013)	23 ADHD, 23 controls	35.14 ± 9
Wolfers (2016)	184 ADHD, 103 unaffected siblings, 128 controls	Not fully
Yao (2018)	112 ADHD, 77 controls (adults); 34 ADHD, 28 controls (children)	Adults: 2

```
    `Sample Size` = "Sample Size",
    `Age (Mean ± SD)` = "Age (Mean ± SD)",
    Gender = "Gender",
    `ADHD Subtypes` = "ADHD Subtypes",
    `Imaging Modality` = "Imaging Modality",
    `Key Demographic Notes` = "Key Demographic Notes"
) |>
# Format all columns as markdown to handle any formatting within the cells
fmt_markdown(columns = everything()) |>
# Optional: Add table lines for a more publication-like look
opt_table_lines()

# Display the table
demographics_table
```