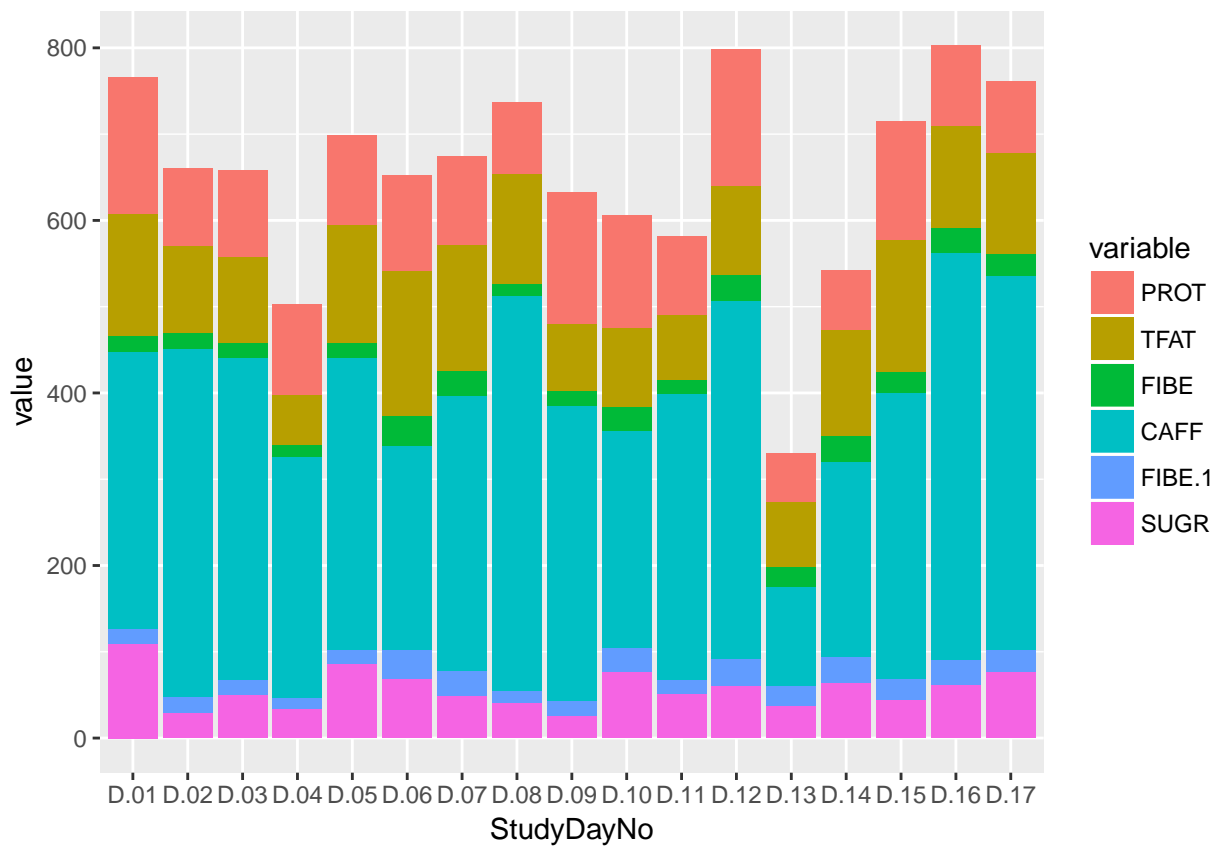


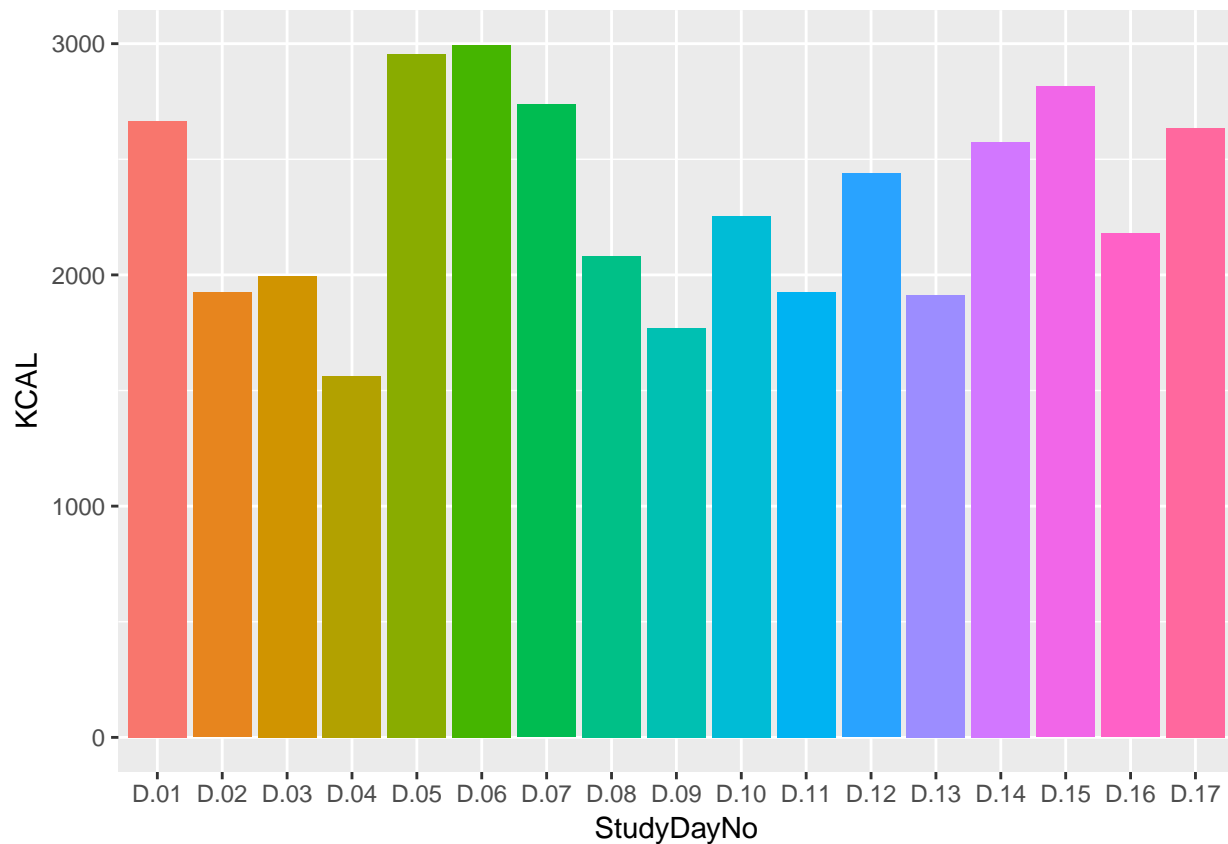
Subject_39

Type	Your Average	Total Average
CALORIES	2319.12	2080.11
PROTEIN	107.28	88.57
TOTAL FAT	112.63	89.97
CARBS	199.78	225.55
FIBER	22.63	21.96

MicroNutrients



Daily Calorie Intake



Microbiome Daily Relative Abundance

make ggplot bar chart of top 10 most abundant species per day

```
ggplot(mergedf, aes(x = StudyDayNo, y = value, fill = rn)) +  
  geom_bar(stat = "identity") +  
  scale_x_discrete(drop = FALSE) +  
  theme_classic() +  
  theme(strip.text.y = element_text(angle = 0, size = 8, face = "italic"),  
        axis.text.x = element_text(angle = 45, hjust = 1),  
        axis.title.x = element_blank(),  
        plot.title = element_text(hjust = 0.5),  
        strip.background = element_rect(color = "grey")) +  
  guides(fill = guide_legend(reverse = TRUE,  
                             keywidth = 1,  
                             keyheight = 1,  
                             ncol = 1)) +  
  ylab("Relative Abundance\n") +  
  ggtitle("Main species within your gut per day")
```

