```
p1 <- workingMTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = Depth_m,
    y = Abundance), size = 5, alpha = 0.7) + geom_smooth(method = "lm",
    aes(x = Depth_m, y = Abundance)) + facet_wrap(~OTU, scales = "free_y") +
    labs(title = "Per OTU abundance information")
p2 <- workingMTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = Sample,
    y = OTU, size = Abundance, color = OTU)) + scale_size_continuous(range = c(0,
    5)) + theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
    labs(title = "Abundance of OTUs across samples")
p3 <- workingQTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = Depth_m,
    y = Abundance), size = 5, alpha = 0.7) + geom_smooth(method = "lm",
    aes(x = Depth_m, y = Abundance)) + facet_wrap(~OTU, scales = "free_y") +
    labs(title = "Per ASV abundance information")
p4 <- workingQTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = Sample,
    y = OTU, size = Abundance, color = OTU)) + scale_size_continuous(range = c(0,
    5)) + theme(axis.text.x = element_text(angle = 45, hjust = 1)) +
    labs(title = "Abundance of ASVs across samples")

figureM <- annotate_figure(ggarrange(p1, p2, ncol = 2, nrow = 1,
    labels = c("(a)", "(b)")), bottom = text_grob("Mothur", color = "blue",
    face = "bold", size = 12))
figureQ <- annotate_figure(ggarrange(p3, p4, ncol = 2, nrow = 1,
    labels = c("(a)", "(b)")), bottom = text_grob("QIIME2", color = "blue",
    face = "bold", size = 12))

annotate_figure(ggarrange(figureM, figureQ, ncol = 1, nrow = 2,
    labels = c("(a)", "(b)")), bottom = text_grob("Figure 7: Abundance of OTUs/ASVs within *Pla
    face = "bold", size = 12))
```