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p3 <- workingQTaxa %>% psmelt() %>% ggplot() + geom_point(aes(x = O2_uM,
  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 = O2_uM, 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 8: Abundance of OTUs/ASVs within *Pl",
  face = "bold", size = 12))

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