



**S5 Fig: Mycobacterial alpha diversity between controls (blue) and cases (orange).** X-axis = study group, Y-axis = diversity index value. Shannon Index ( $P = 0.05$ ) and Pielou's Evenness Index ( $P = 0.028$ ) were significantly lower in cases; there was no significant difference in Observed richness ( $P = 0.166$ ) or Inverse Simpson's Index ( $P = 0.109$ ).