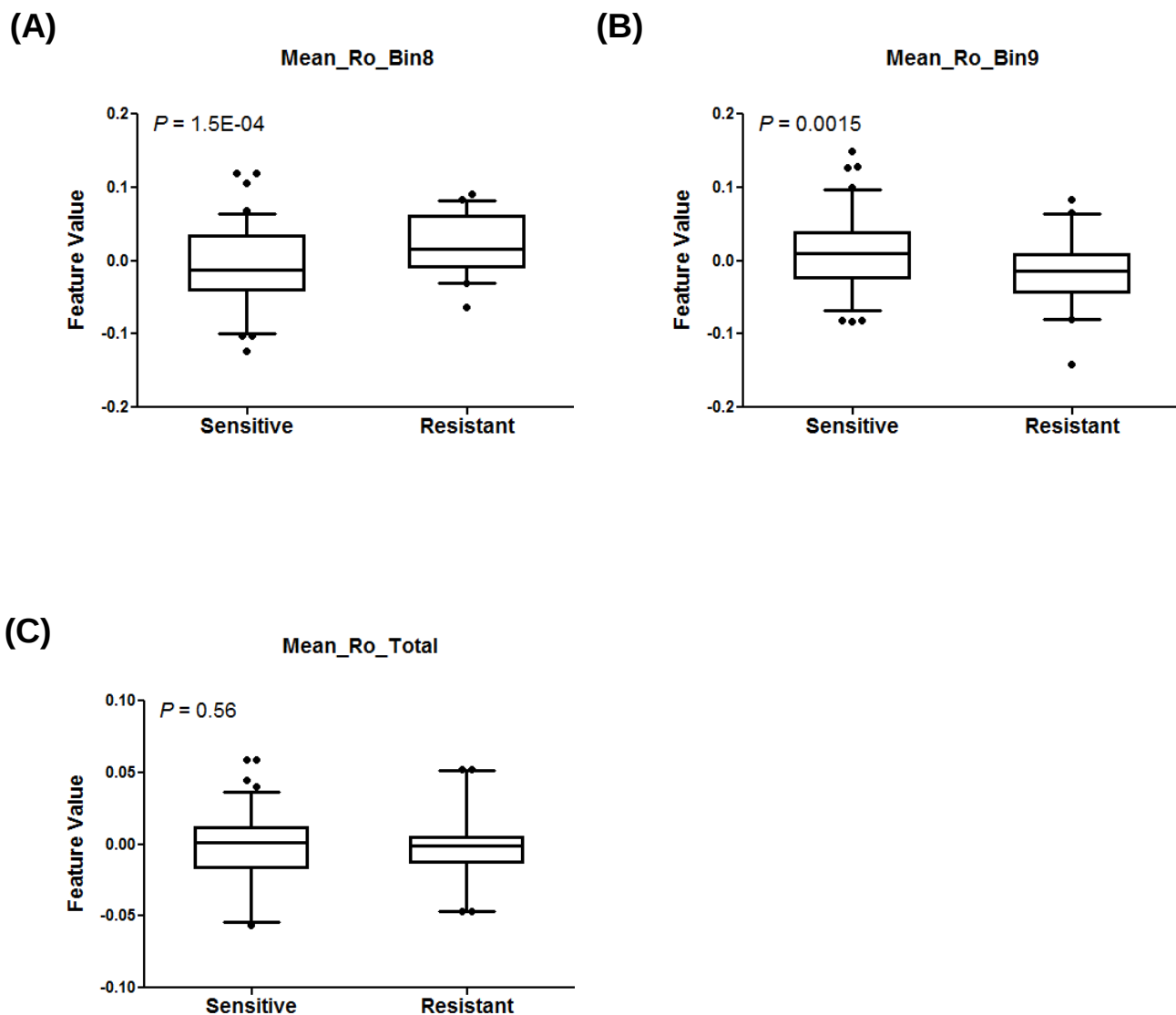




**Figure S2.** (A) The average roundness of nuclei in Bin 8 (Mean\_Ro\_Bin8) is significantly higher in the chemoresistant group ( $P= 1.5E-04$ ). (B) The same nuclear parameter in Bin 9 (Mean\_Ro\_Bin9) shows a significant decrease in the chemoresistant group ( $P = 0.0015$ ). (C) The average roundness of the nuclei in an entire sample shows no significant difference between groups (Mean\_Ro\_Total) ( $P = 0.56$ ).