**Figure S1.** **Interactive Visualization of BMIz and HbA1c at baseline and follow-up visit, colored by cluster.** The X-axis represents BMIz, the Y-axis represents HbA1c, and the Z axis represents time, where 0 = baseline visit and 1 = follow-up visit. Four clusters were identified: The Referent Cluster (n=195, 34.2%), the Hyperglycemia Only Cluster (n=53, 9.3%), the Elevated Weight Only Cluster (n=206, 36.1%), and the Both Adiposity and Glycemia Cluster (n=116, 20.4%). Abbreviations: BMIz = body mass index z-score. HbA1c = hemoglobin A1c. R= Referent Cluster. H = Hyperglycemia Only Cluster. EW = Elevated Weight Only Cluster. EWH = Elevated Weight with Increasing Hyperglycemia Cluster.