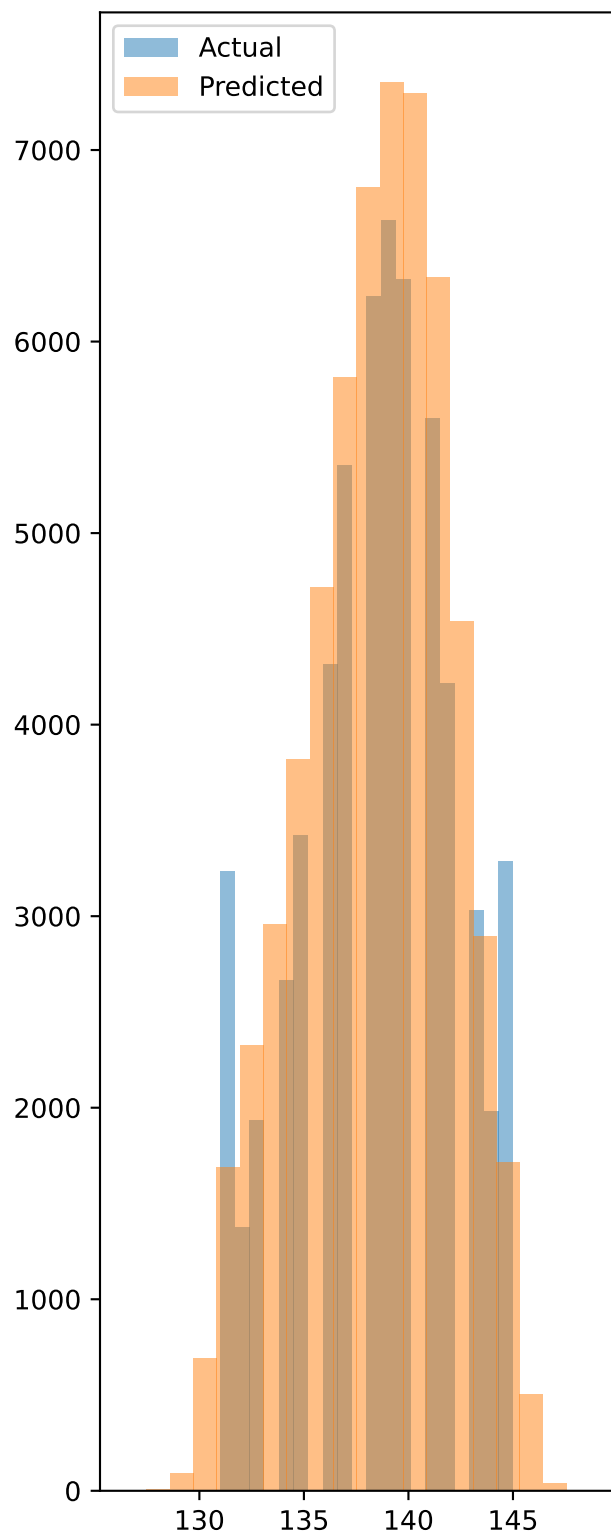
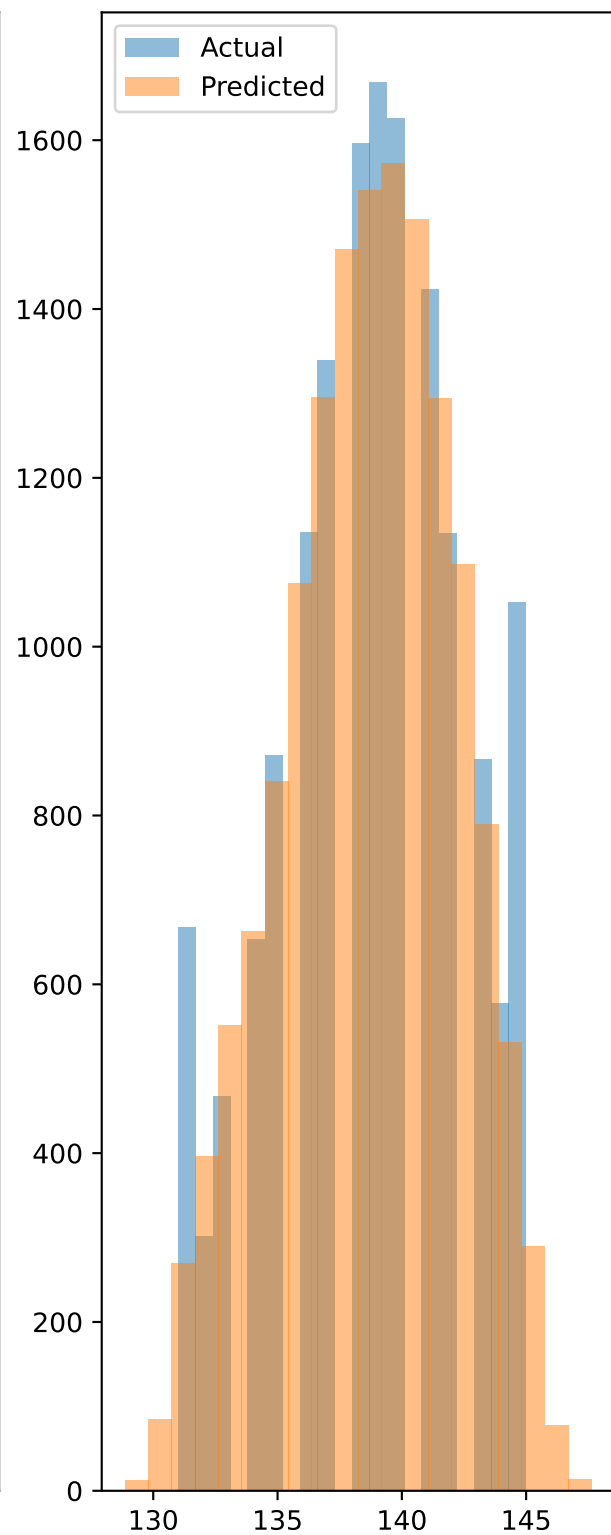


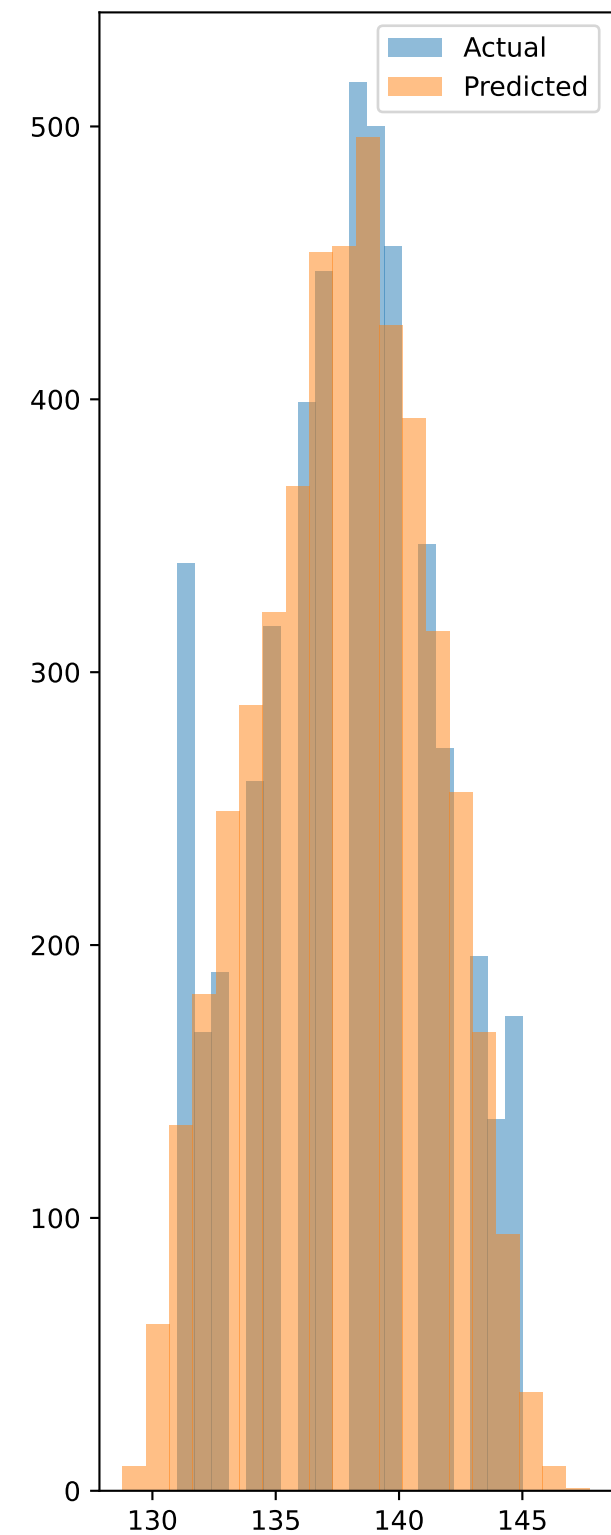
Distribution XGB model for Sodium  
White group  
R2 score: 0.92  
Wasserstein Distance: 0.31



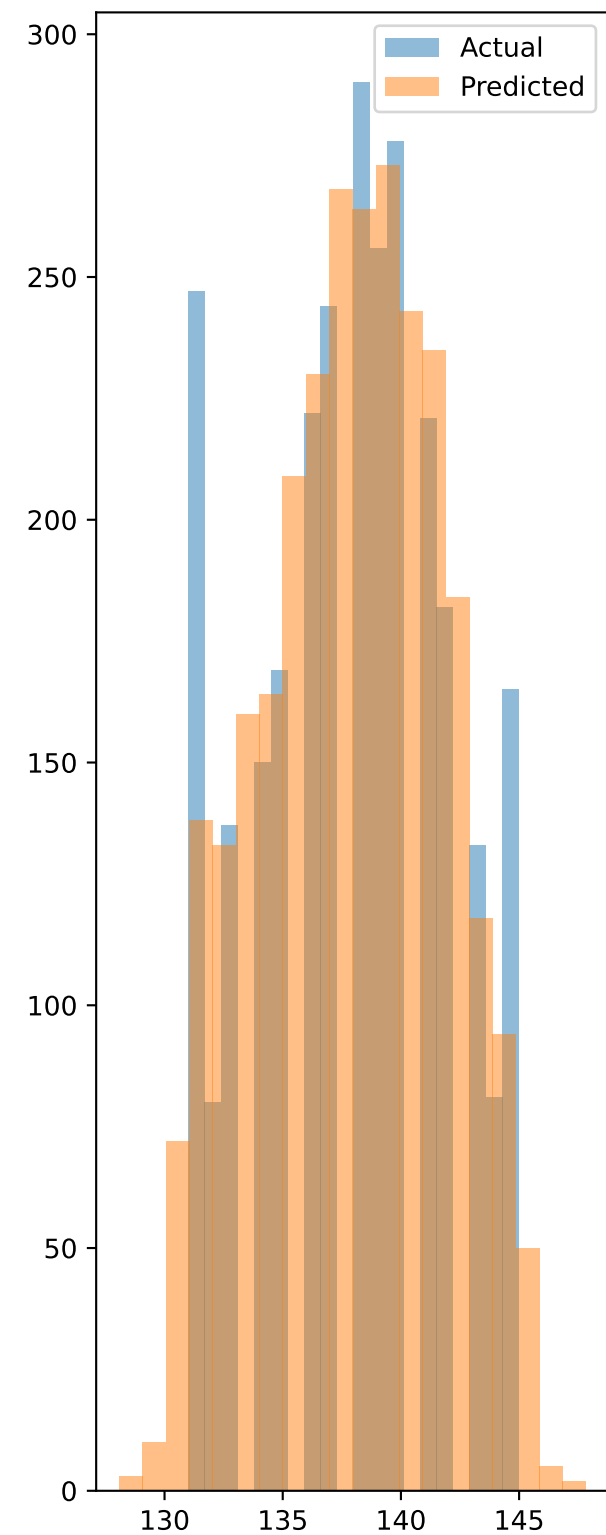
Distribution XGB model for Sodium  
Black group  
R2 score: 0.91  
Wasserstein Distance: 0.32



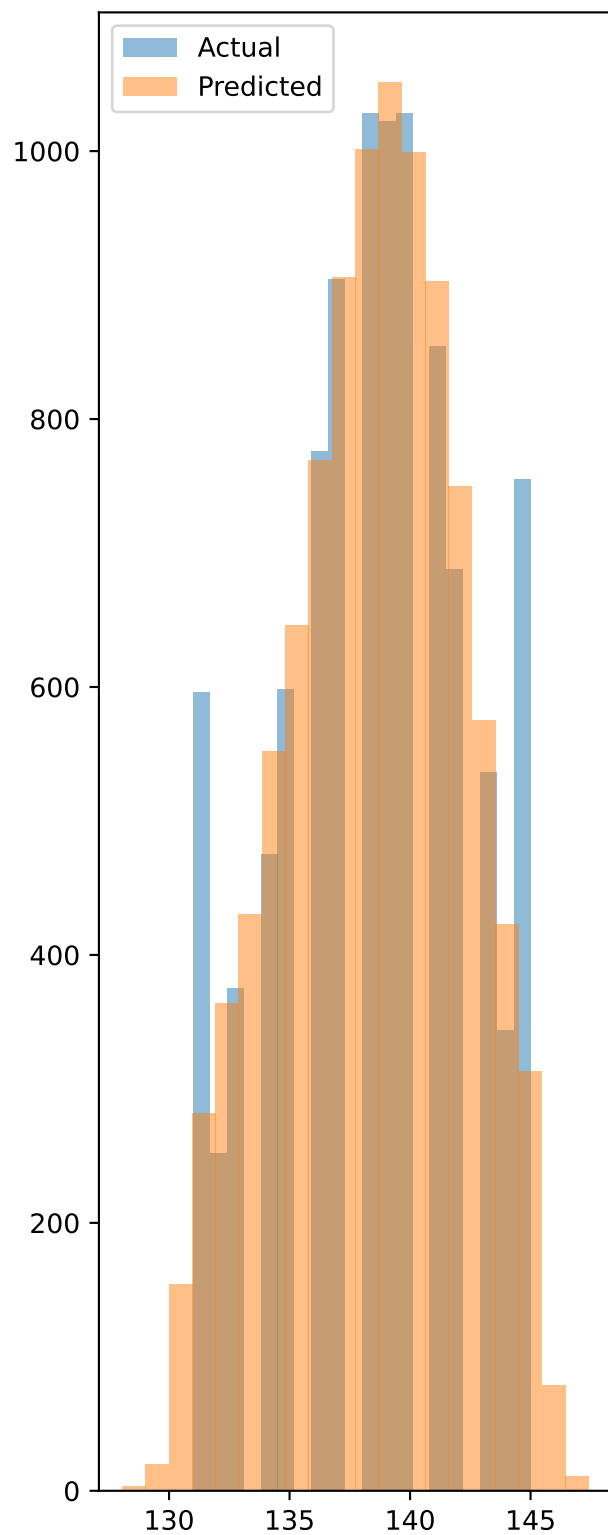
Distribution XGB model for Sodium  
Hispanic group  
R2 score: 0.92  
Wasserstein Distance: 0.32



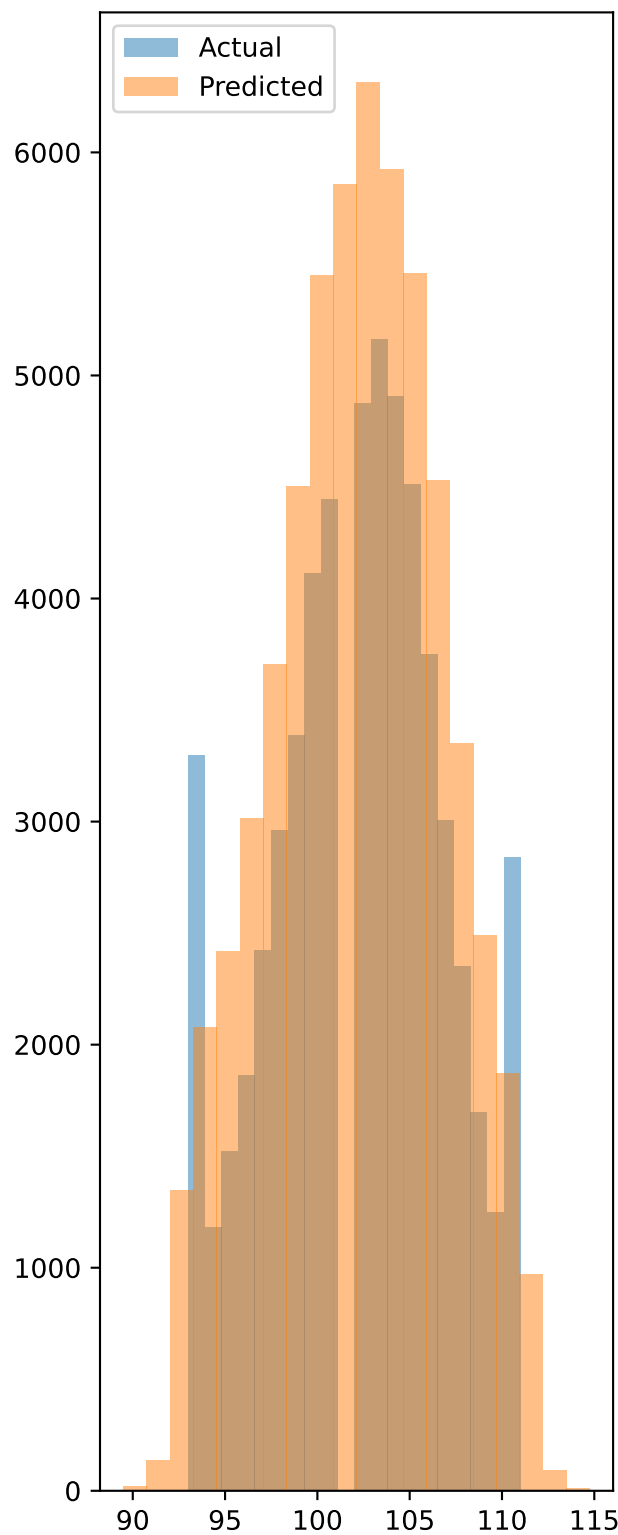
Distribution XGB model for Sodium  
Asian group  
R2 score: 0.93  
Wasserstein Distance: 0.31



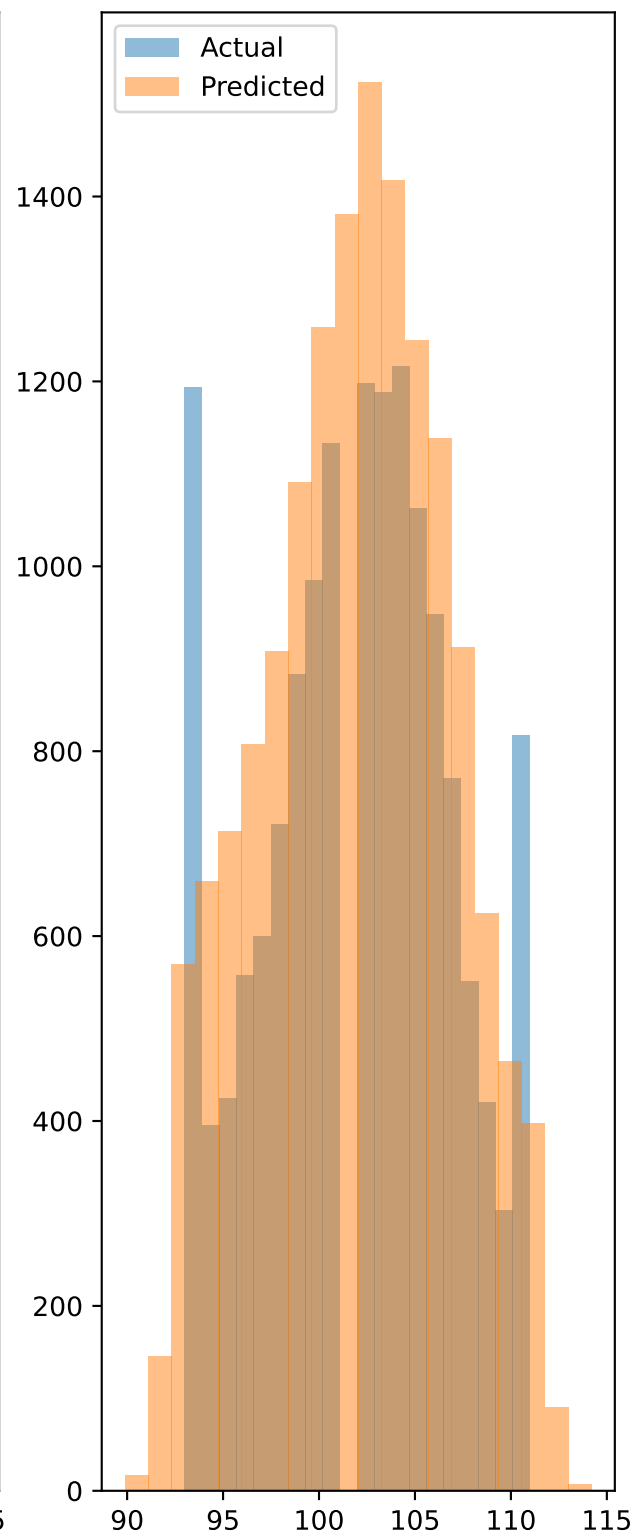
Distribution XGB model for Sodium  
Others group  
R2 score: 0.92  
Wasserstein Distance: 0.32



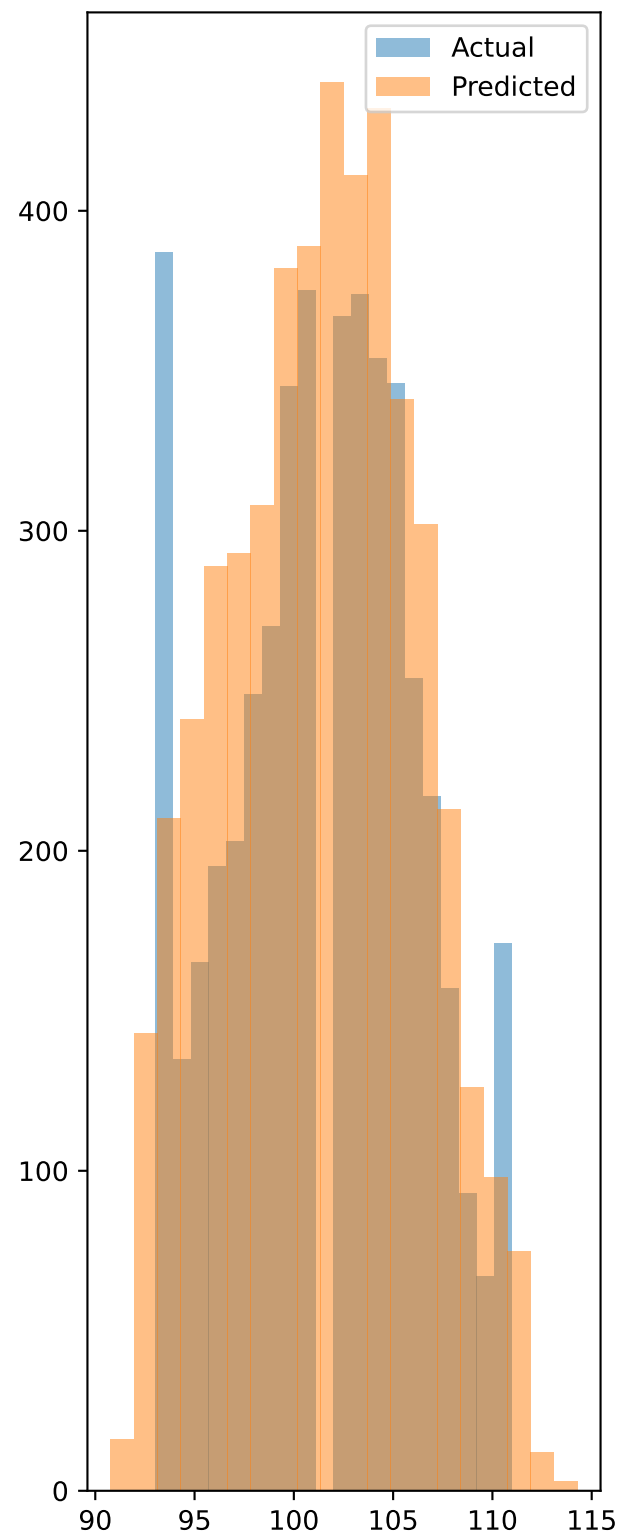
Distribution XGB model for  
Chloride  
White group  
R2 score: 0.95  
Wasserstein Distance: 0.30



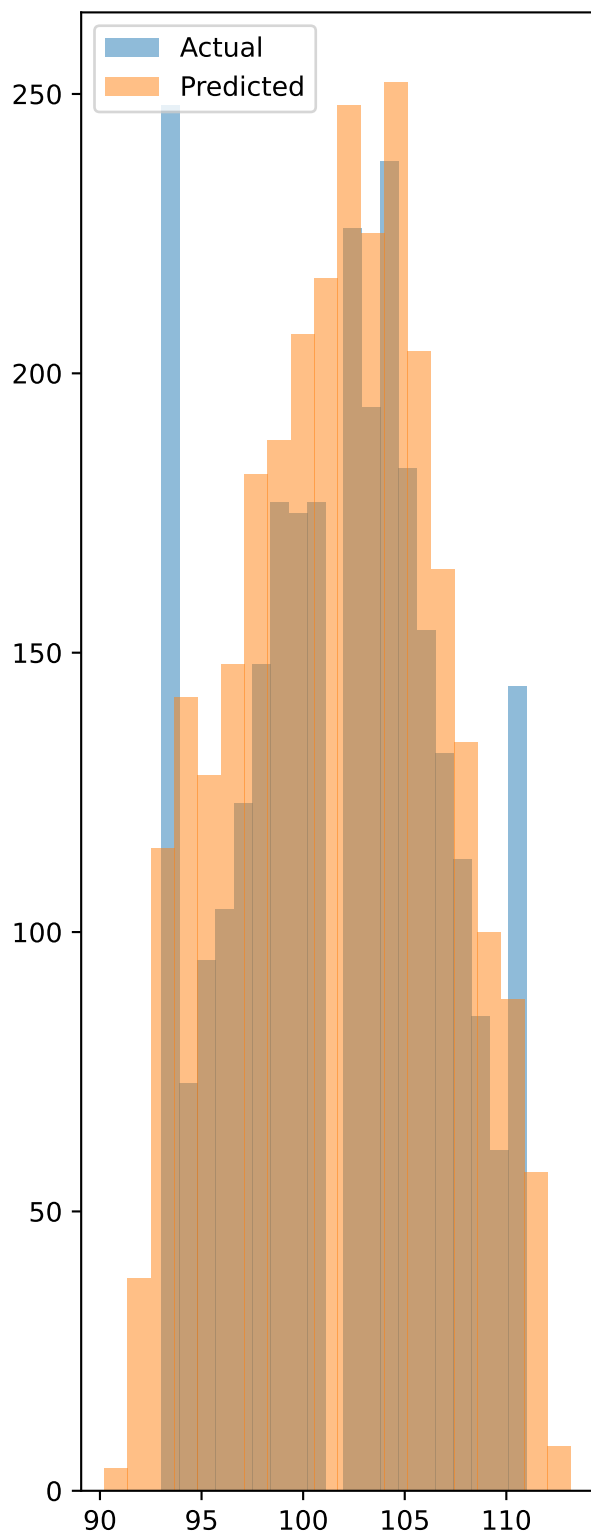
Distribution XGB model for  
Chloride  
Black group  
R2 score: 0.95  
Wasserstein Distance: 0.33



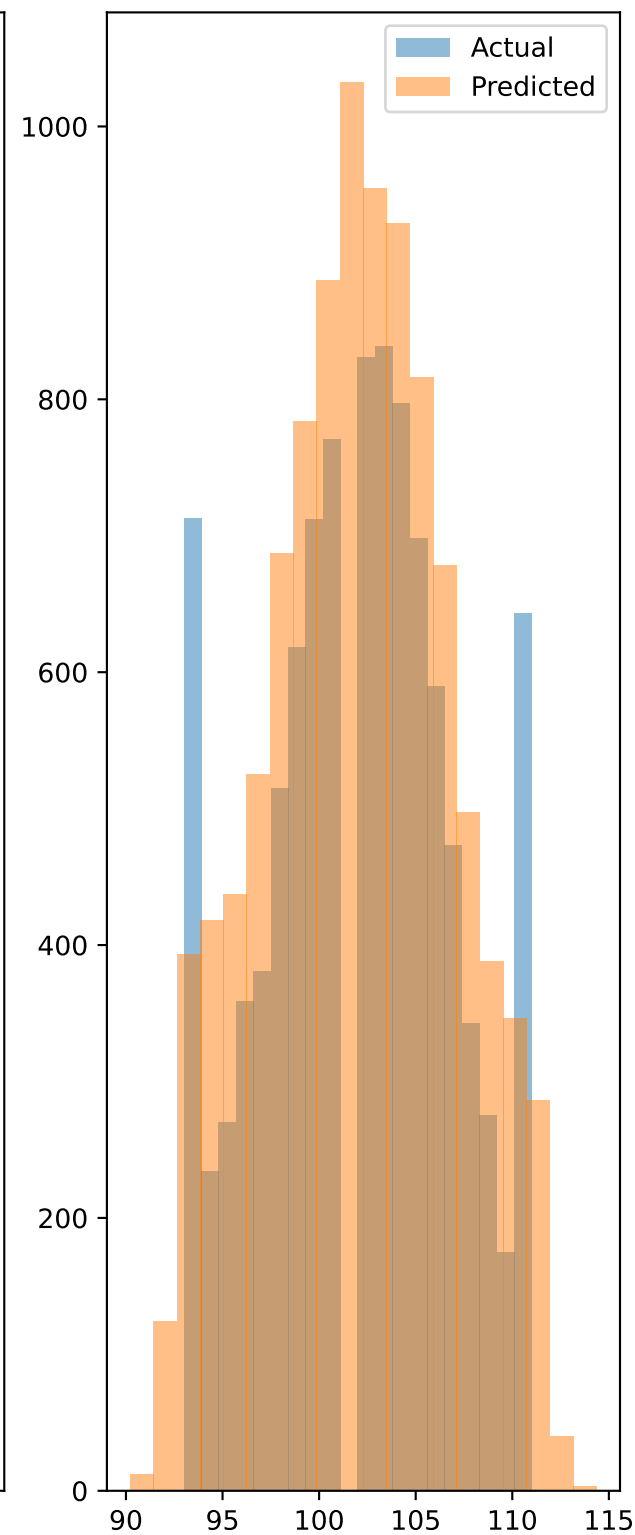
Distribution XGB model for  
Chloride  
Hispanic group  
R2 score: 0.95  
Wasserstein Distance: 0.32



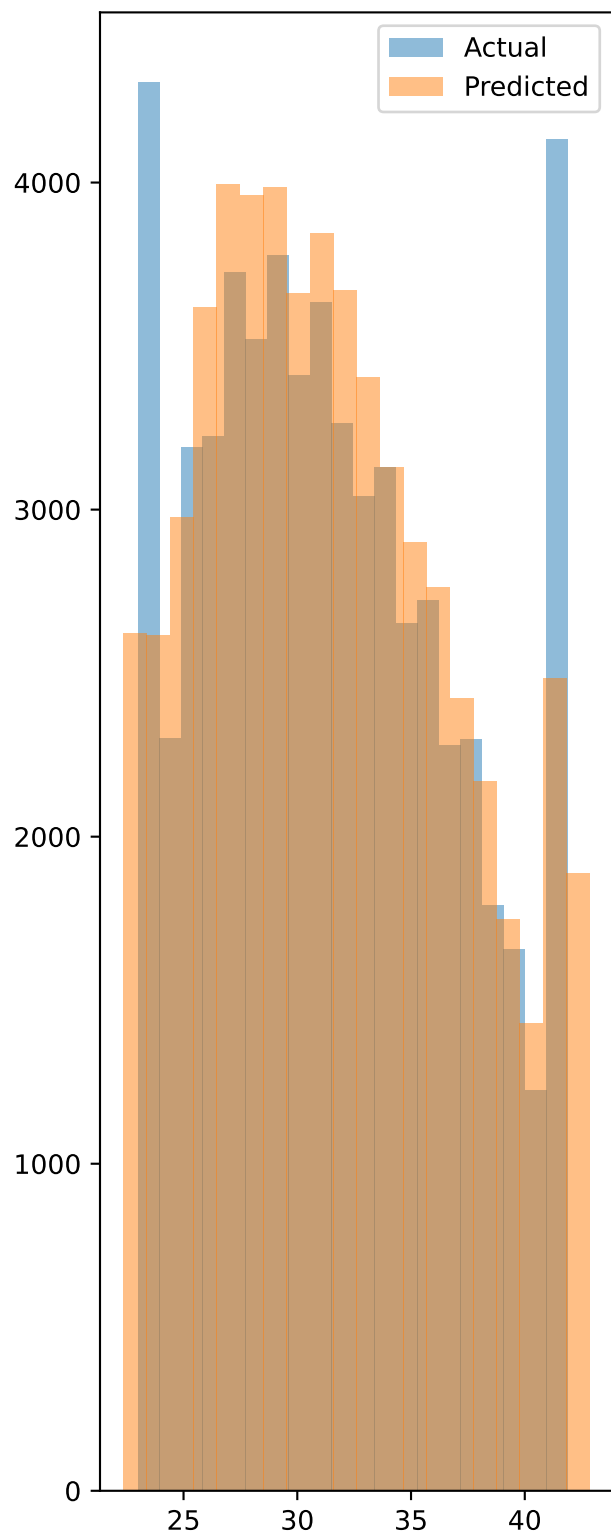
Distribution XGB model for  
Chloride  
Asian group  
R2 score: 0.95  
Wasserstein Distance: 0.33



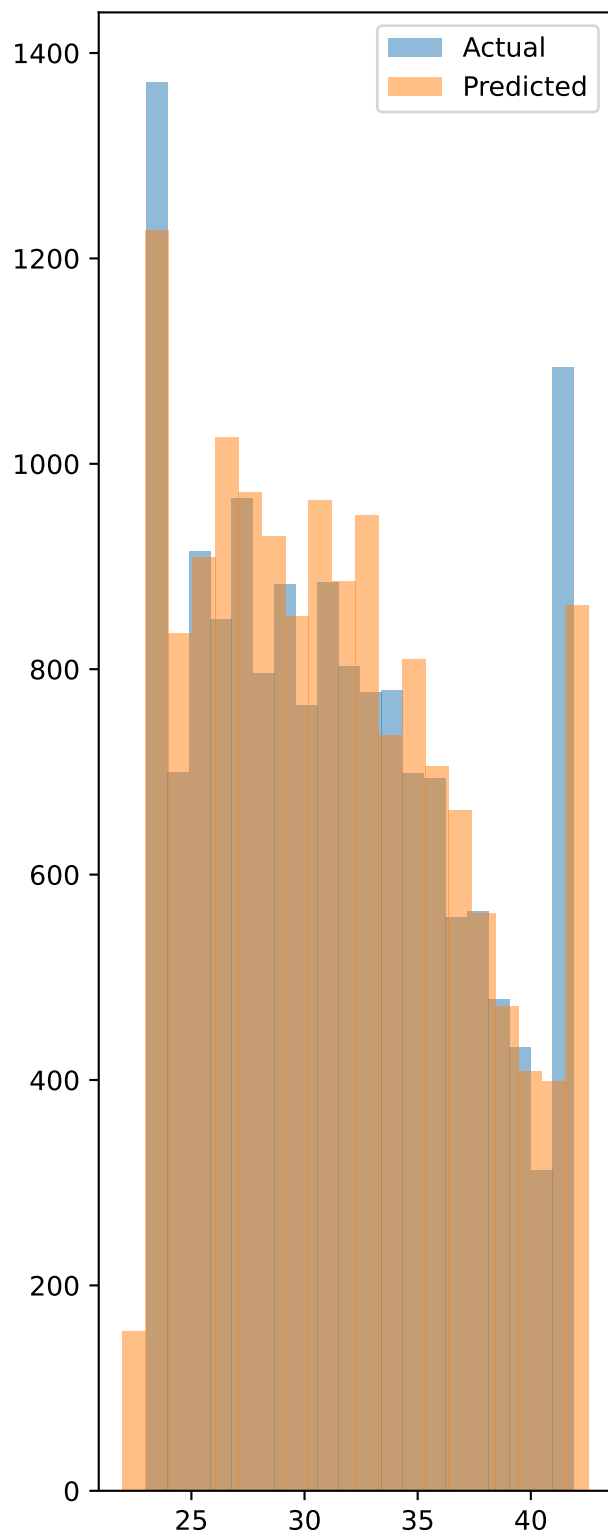
Distribution XGB model for  
Chloride  
Others group  
R2 score: 0.95  
Wasserstein Distance: 0.32



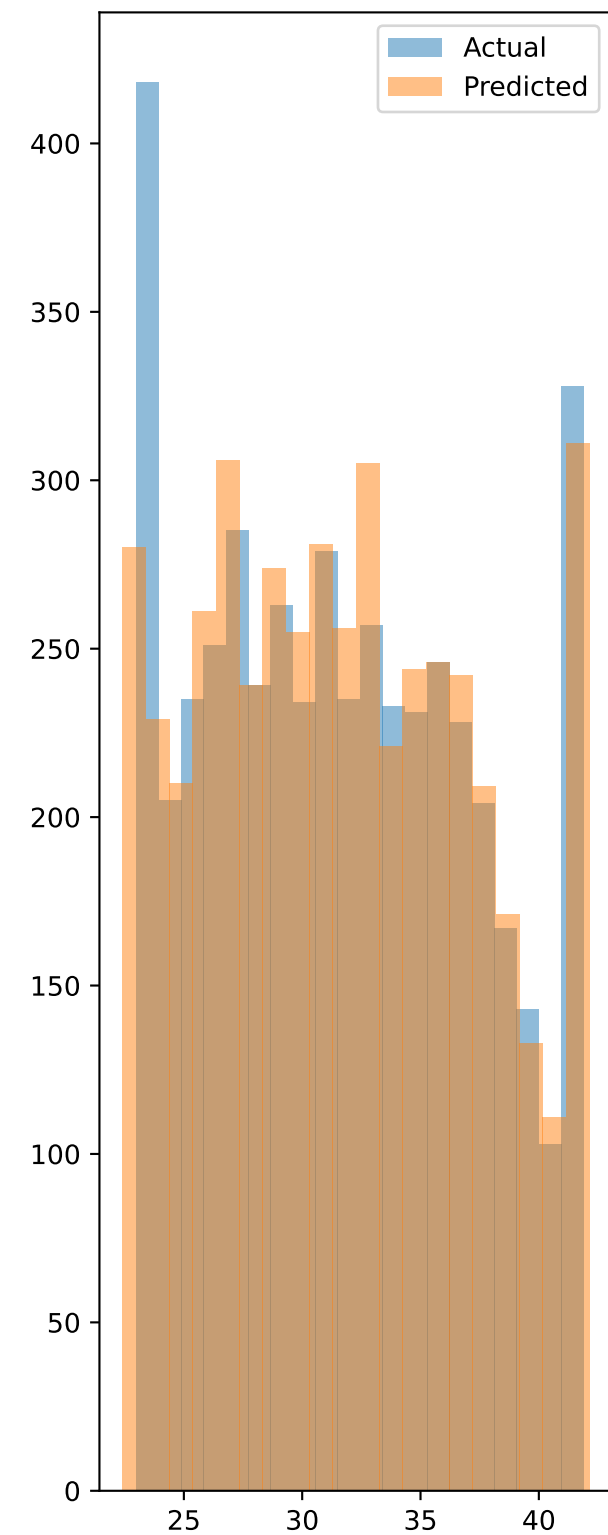
Distribution XGB model for  
Hematocrit  
White group  
R2 score: 0.99  
Wasserstein Distance: 0.05



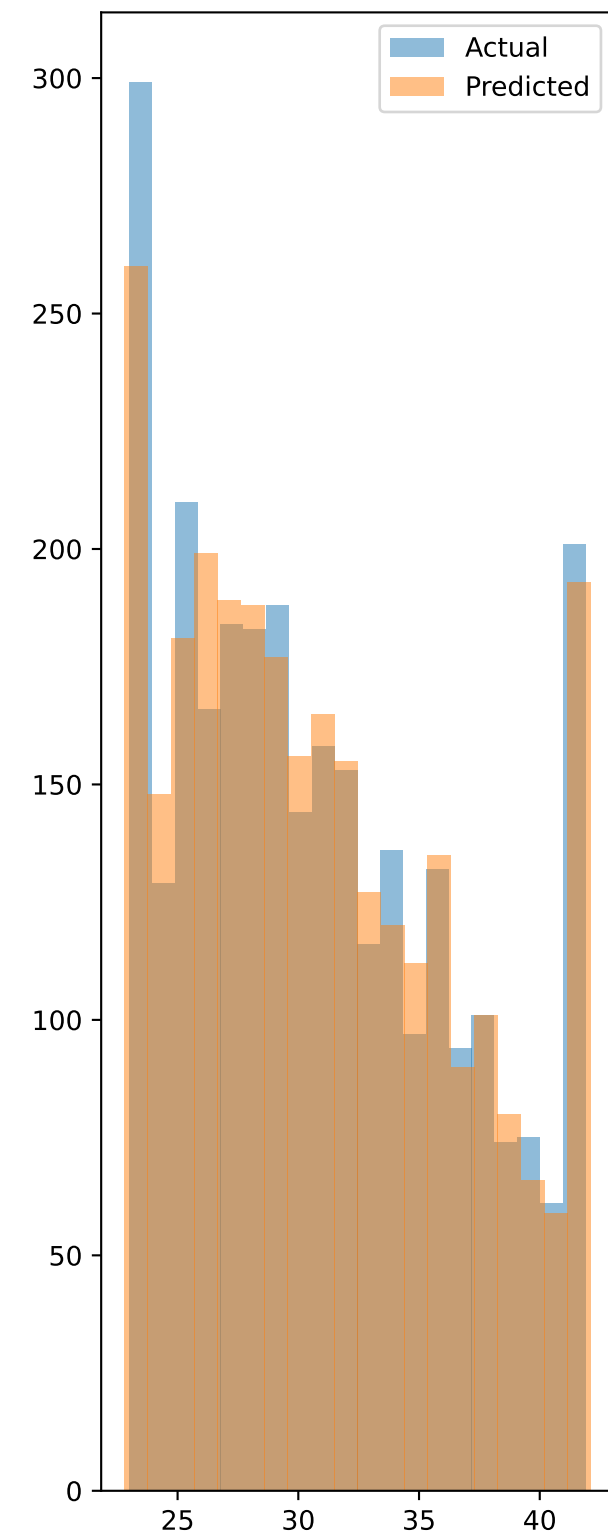
Distribution XGB model for  
Hematocrit  
Black group  
R2 score: 0.99  
Wasserstein Distance: 0.05



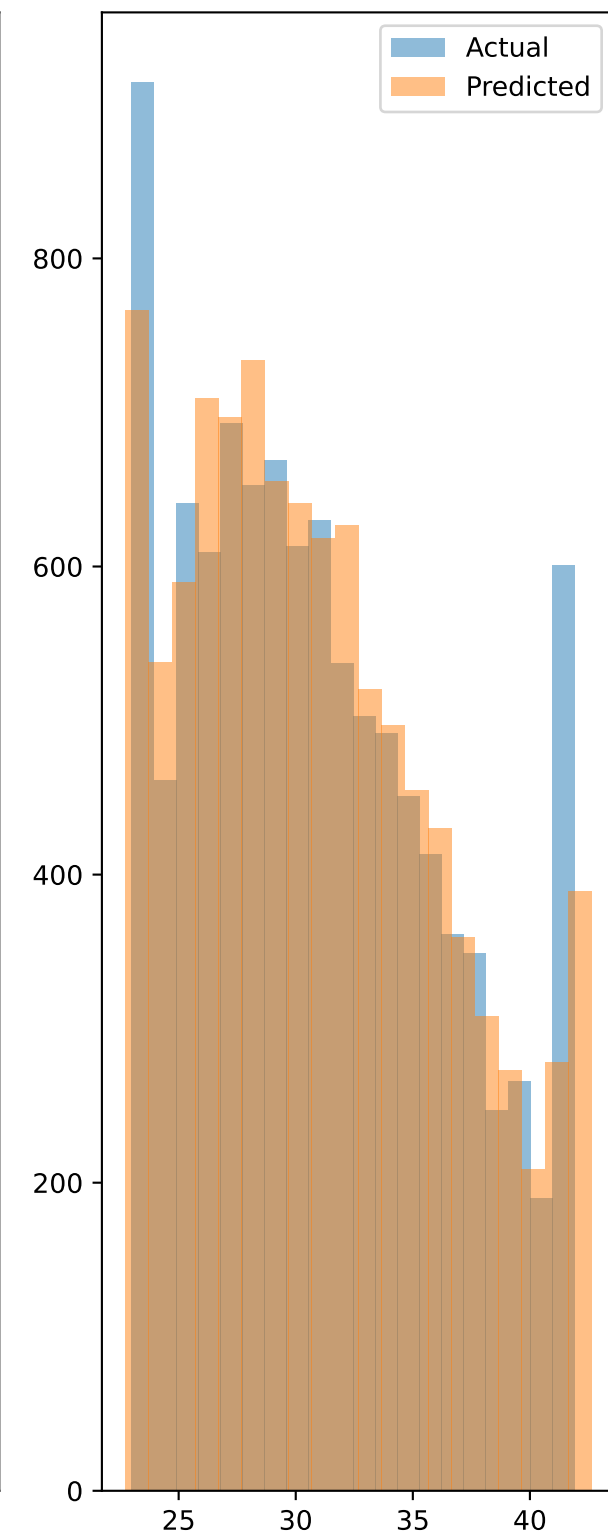
Distribution XGB model for  
Hematocrit  
Hispanic group  
R2 score: 0.99  
Wasserstein Distance: 0.05

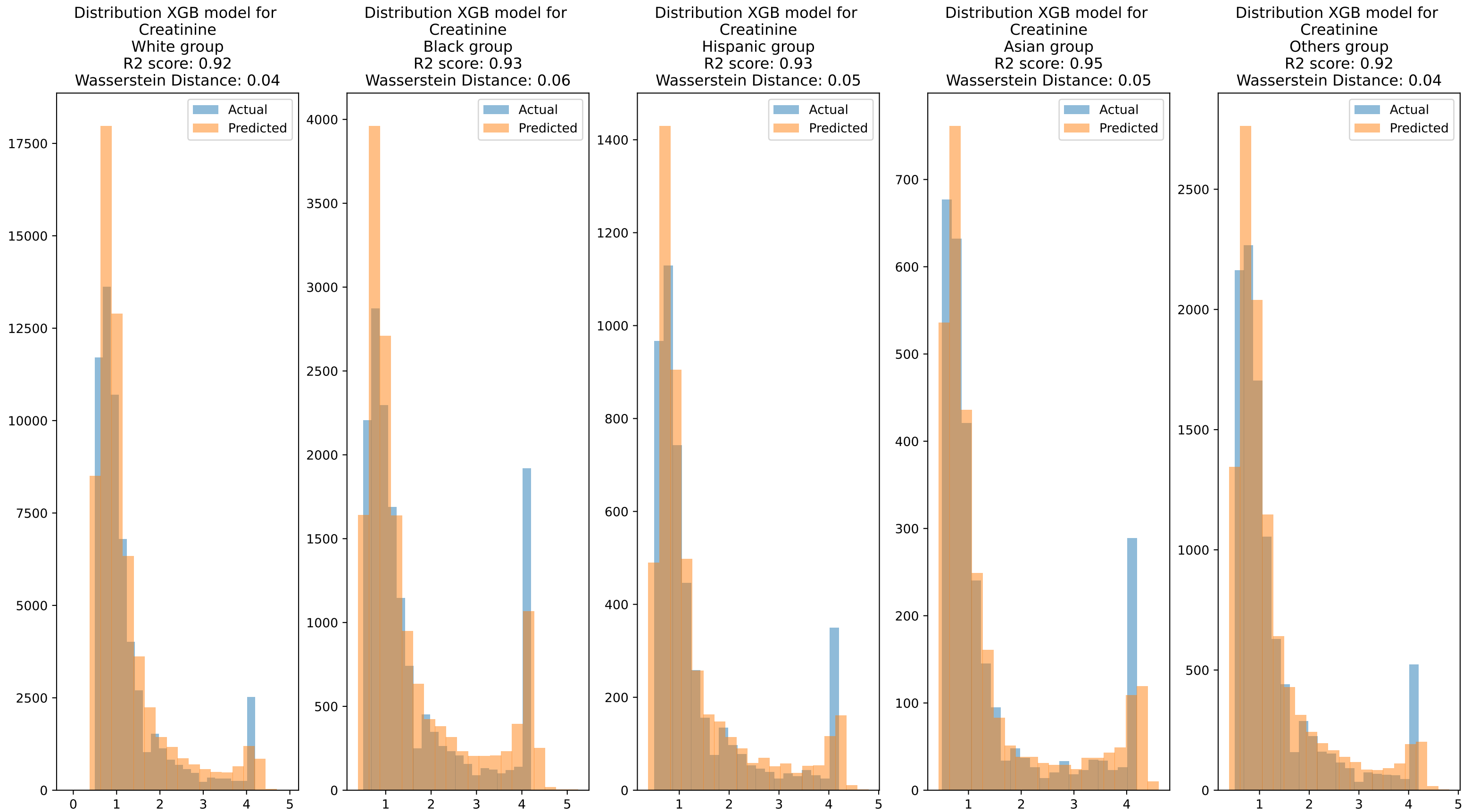


Distribution XGB model for  
Hematocrit  
Asian group  
R2 score: 0.99  
Wasserstein Distance: 0.05

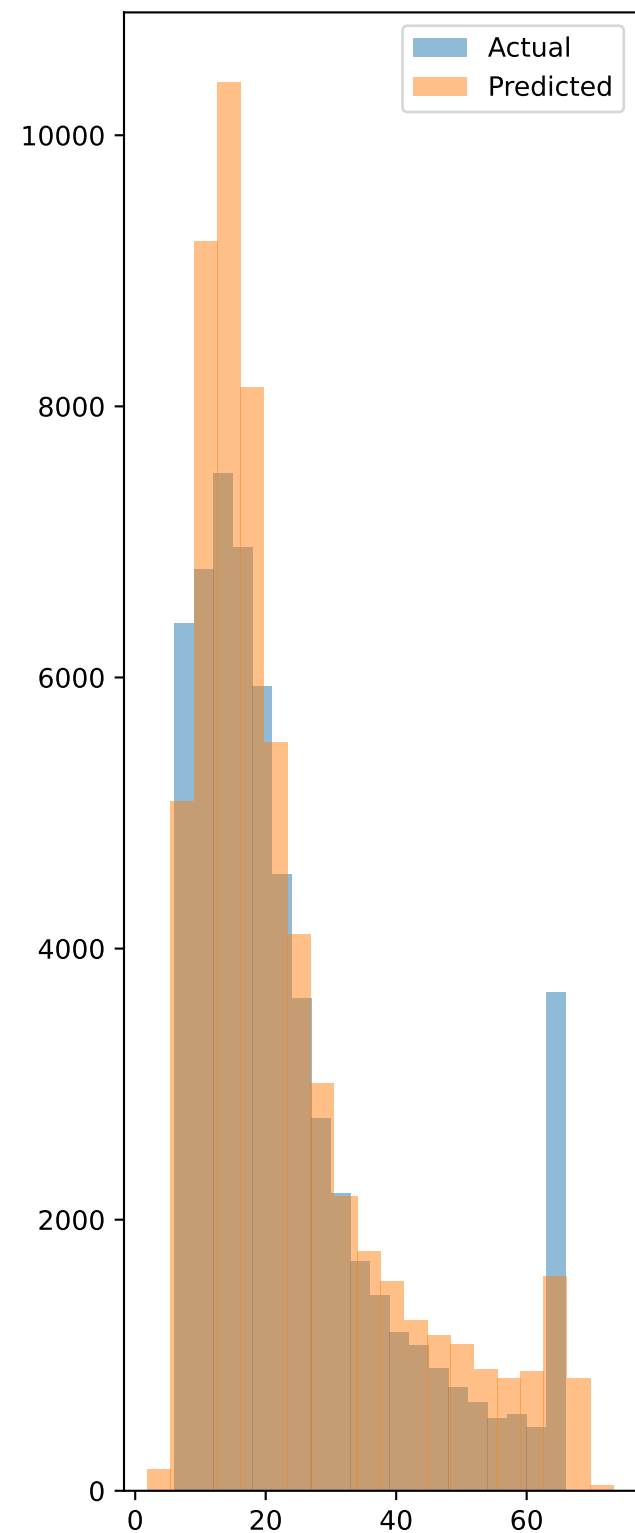


Distribution XGB model for  
Hematocrit  
Others group  
R2 score: 0.99  
Wasserstein Distance: 0.05

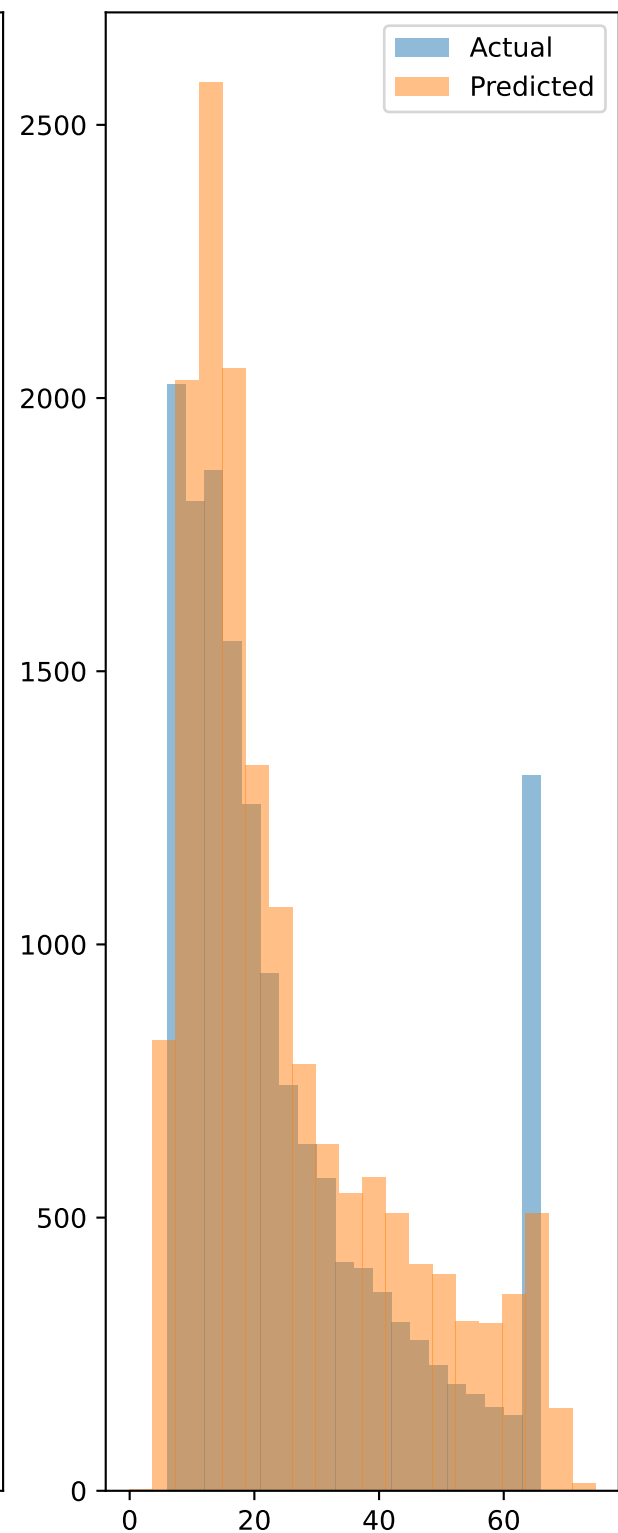




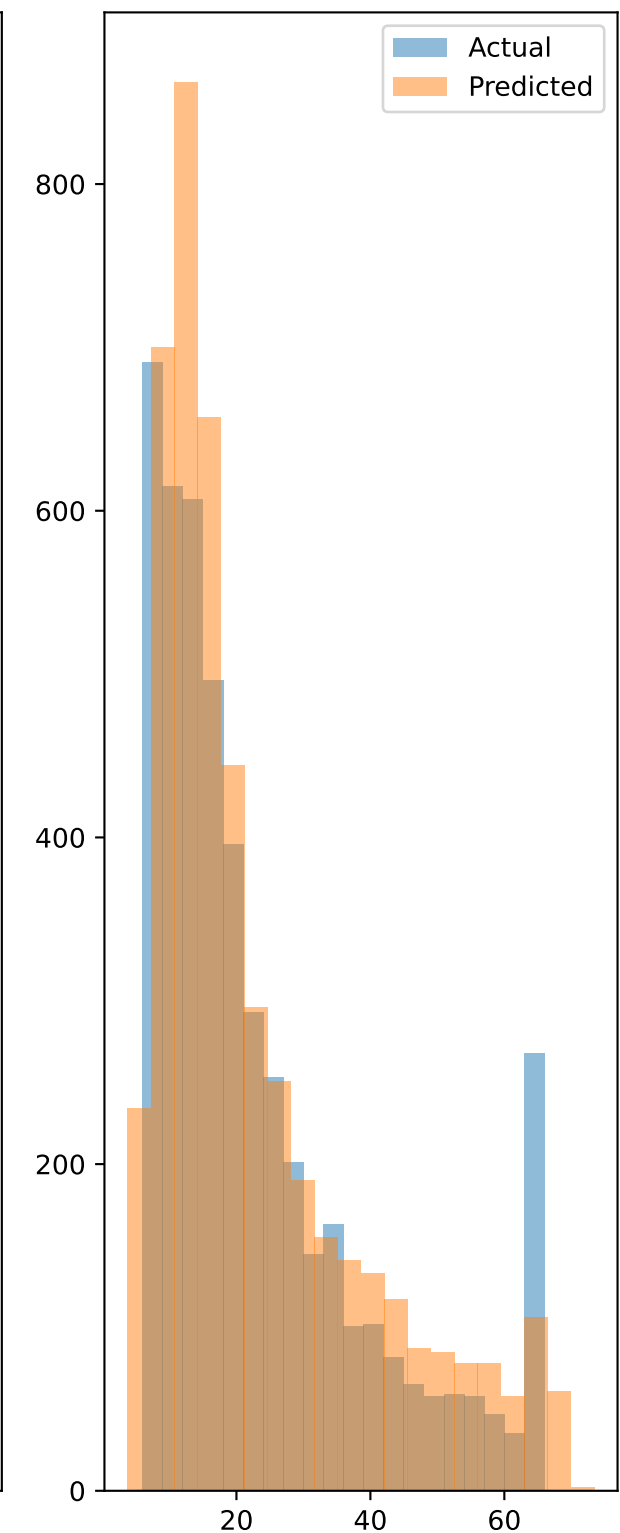
Distribution XGB model for  
Urea Nitrogen  
White group  
R2 score: 0.91  
Wasserstein Distance: 0.76



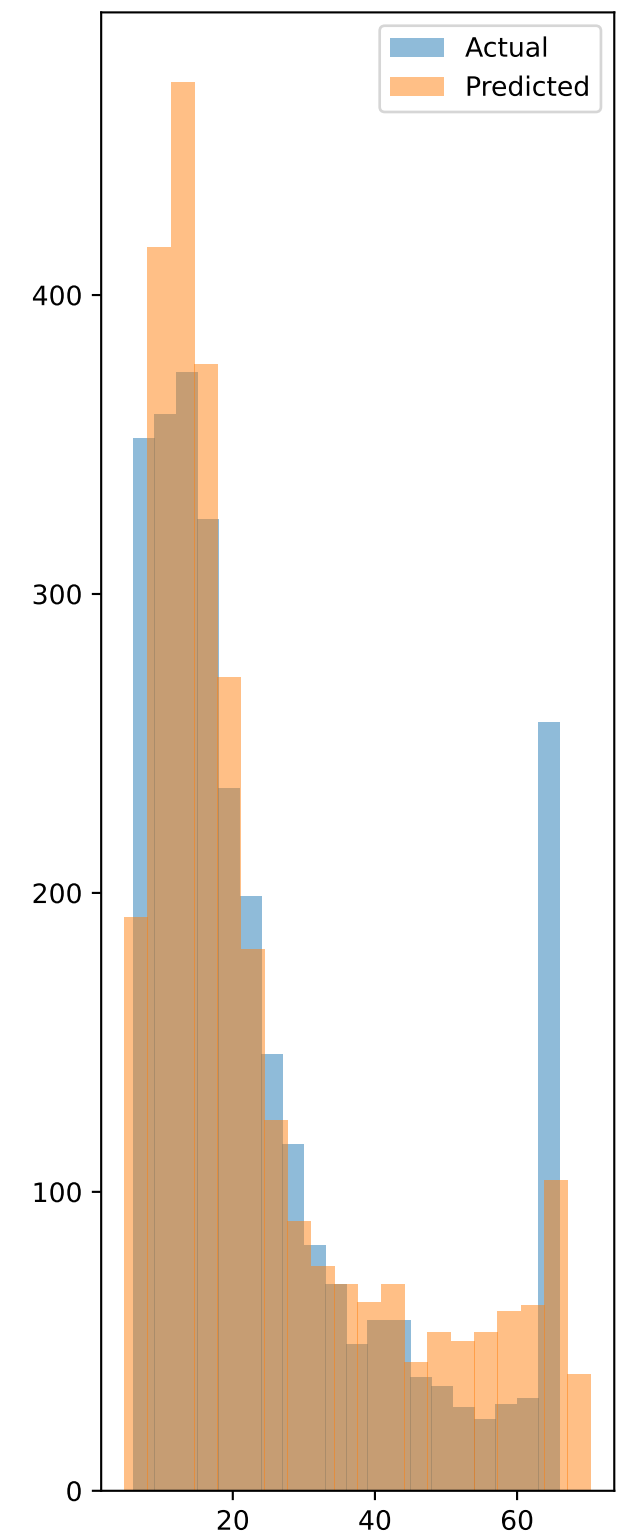
Distribution XGB model for  
Urea Nitrogen  
Black group  
R2 score: 0.91  
Wasserstein Distance: 1.32



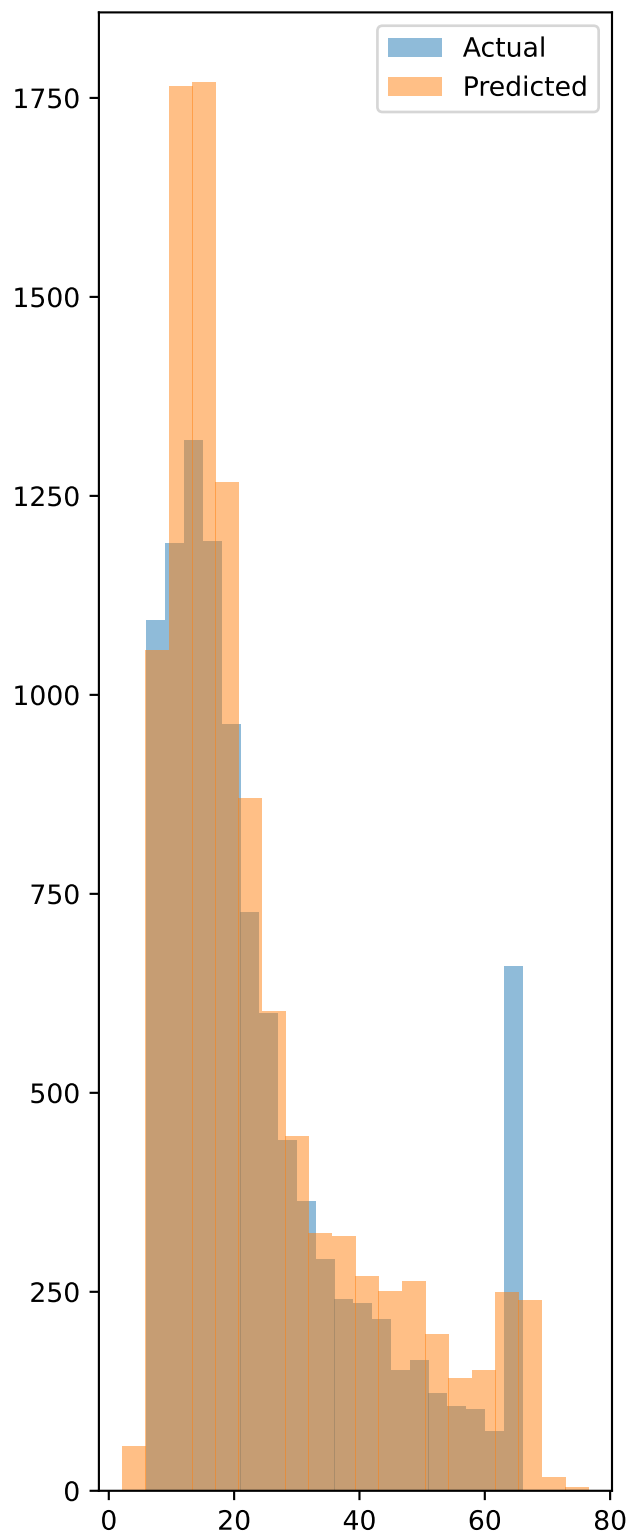
Distribution XGB model for  
Urea Nitrogen  
Hispanic group  
R2 score: 0.91  
Wasserstein Distance: 0.82



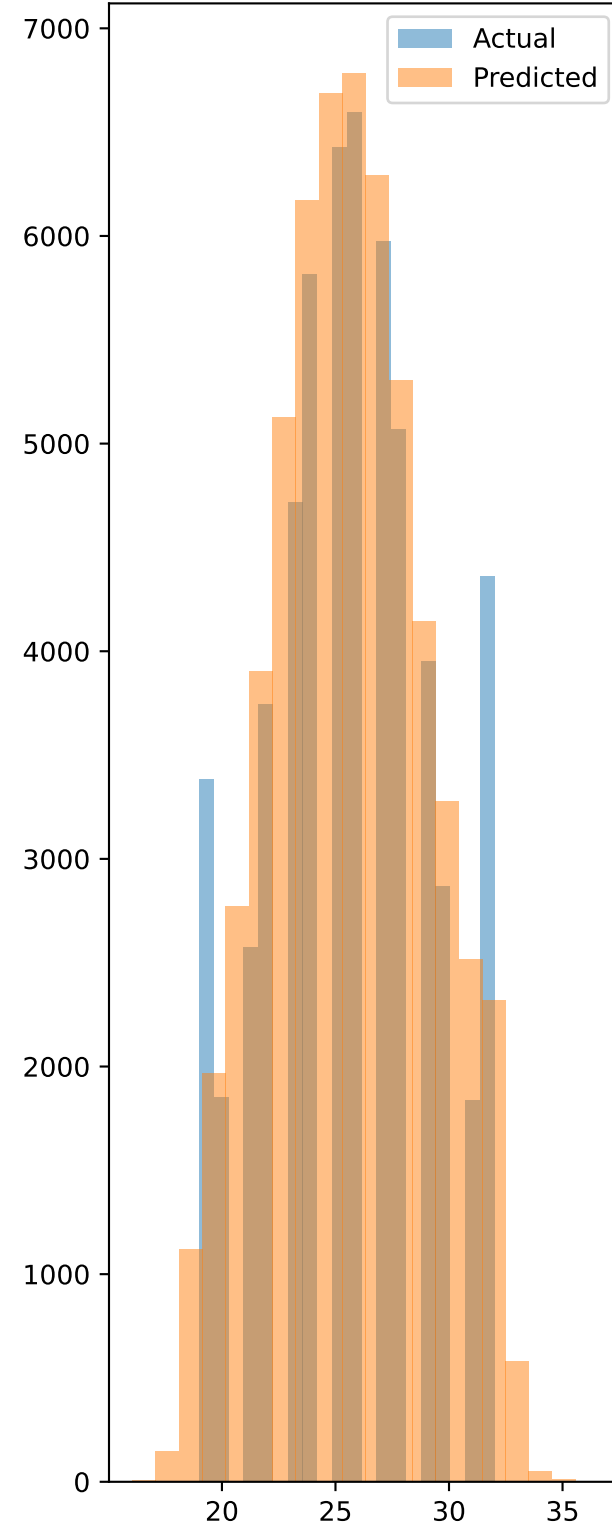
Distribution XGB model for  
Urea Nitrogen  
Asian group  
R2 score: 0.92  
Wasserstein Distance: 0.87



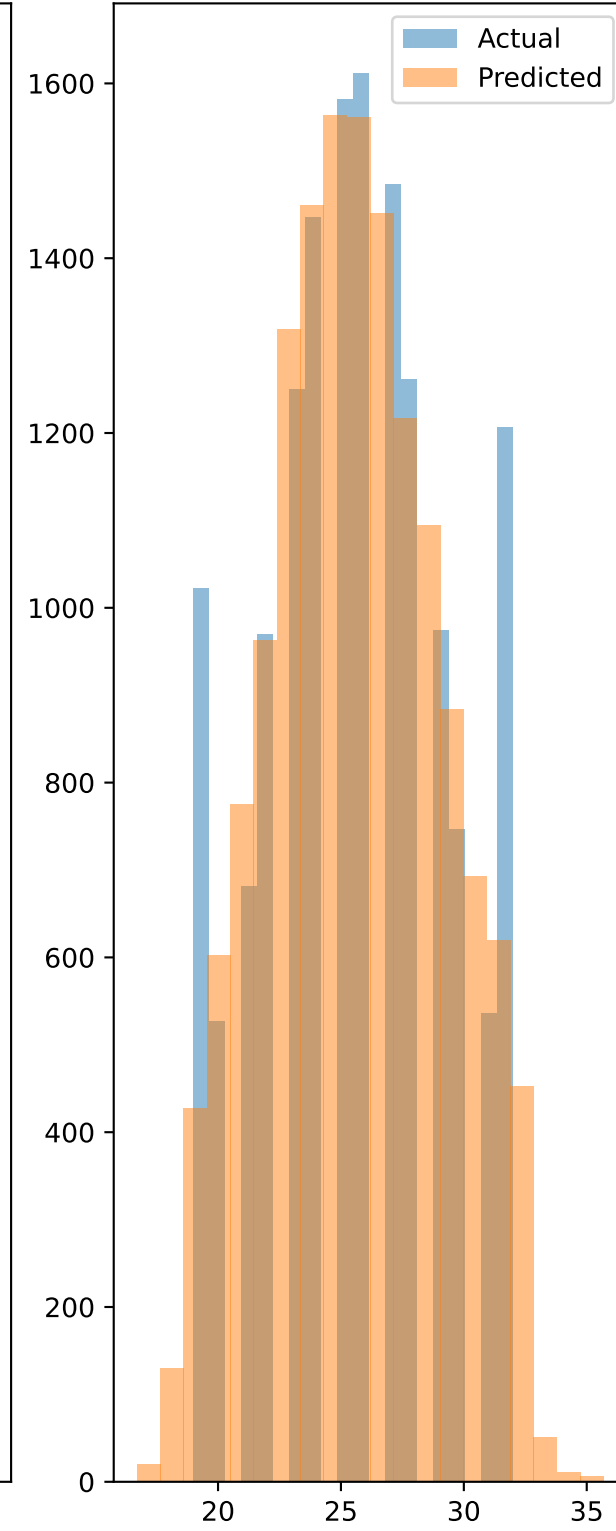
Distribution XGB model for  
Urea Nitrogen  
Others group  
R2 score: 0.92  
Wasserstein Distance: 0.73



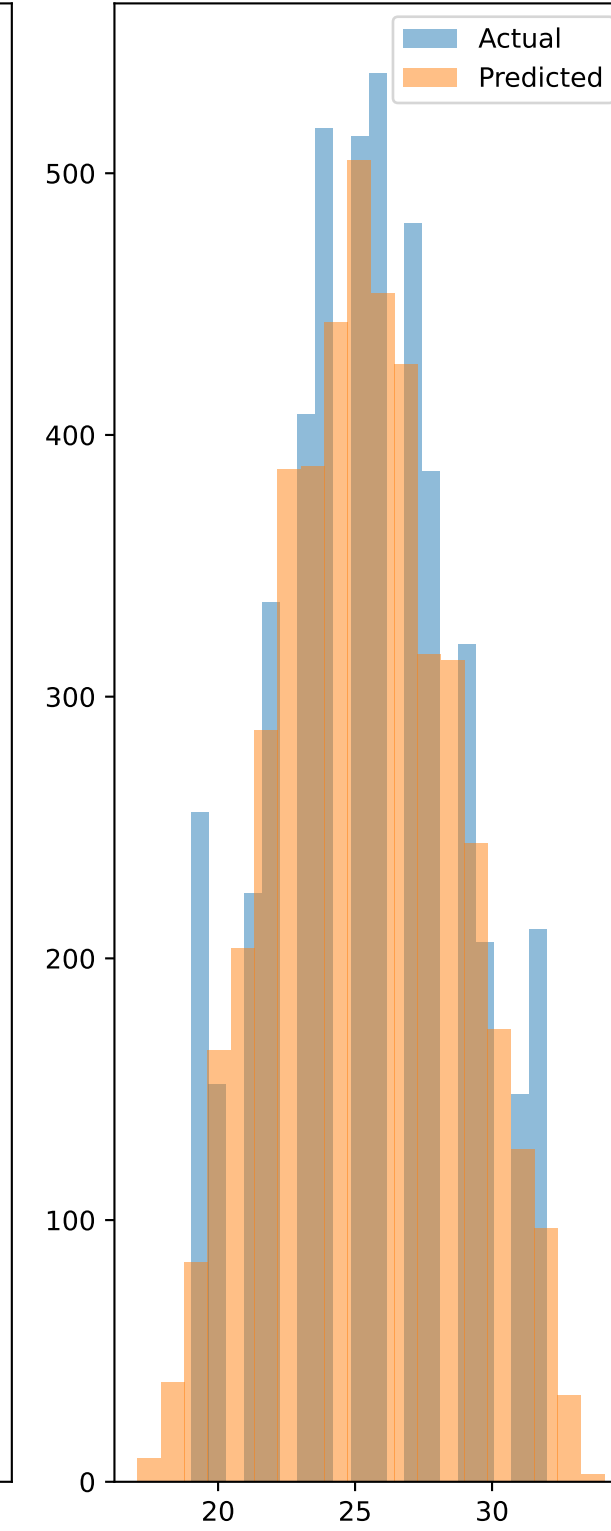
Distribution XGB model for  
Bicarbonate  
White group  
R2 score: 0.93  
Wasserstein Distance: 0.30



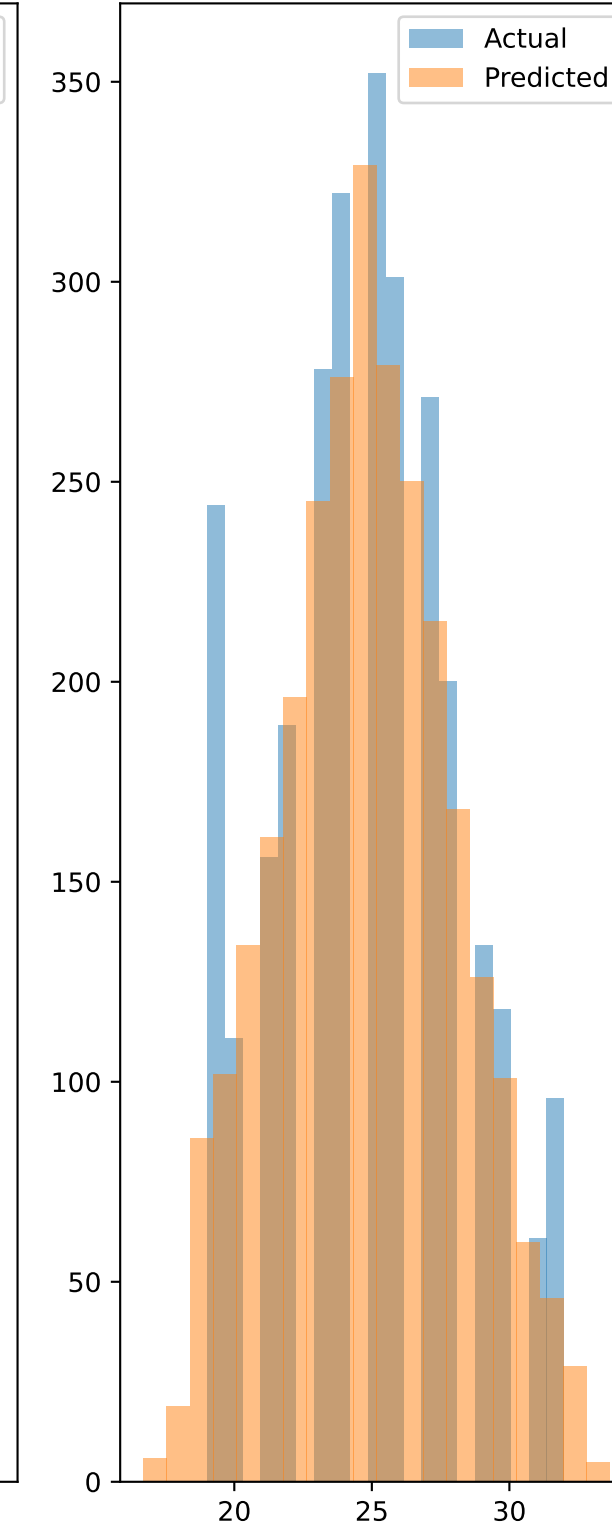
Distribution XGB model for  
Bicarbonate  
Black group  
R2 score: 0.92  
Wasserstein Distance: 0.32



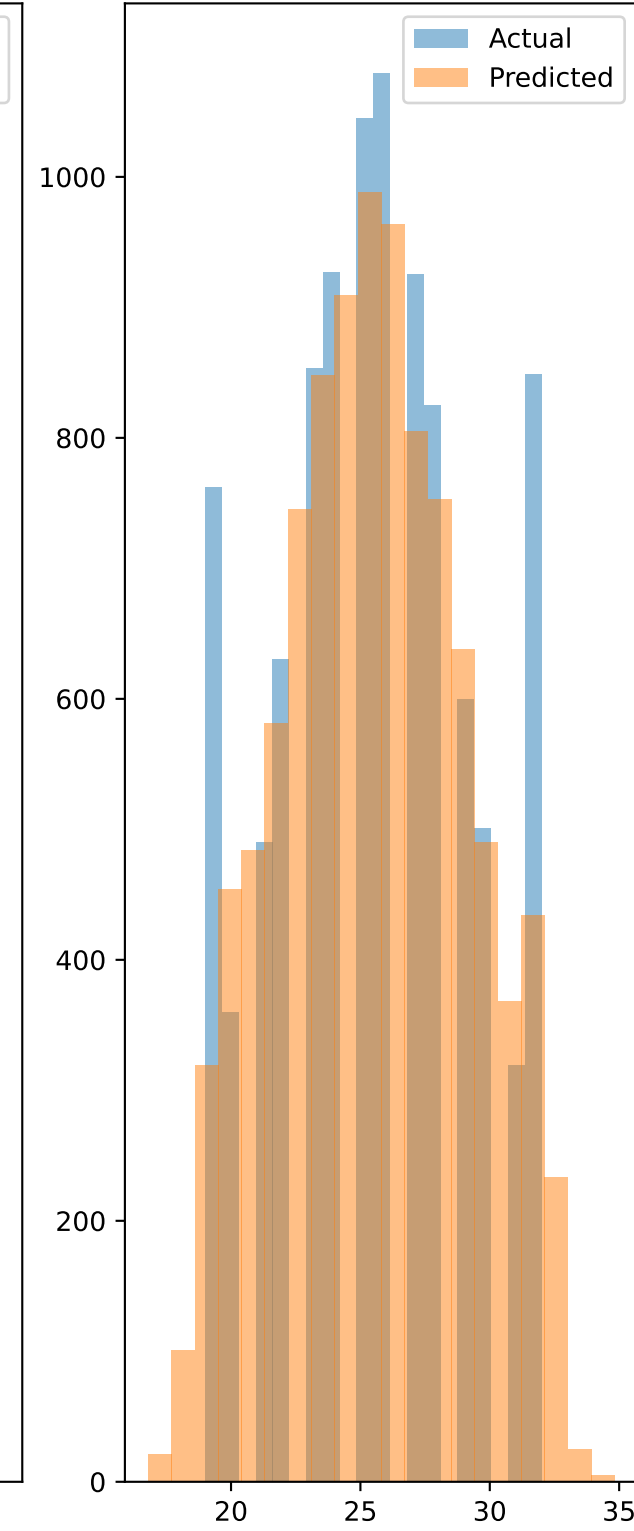
Distribution XGB model for  
Bicarbonate  
Hispanic group  
R2 score: 0.91  
Wasserstein Distance: 0.30



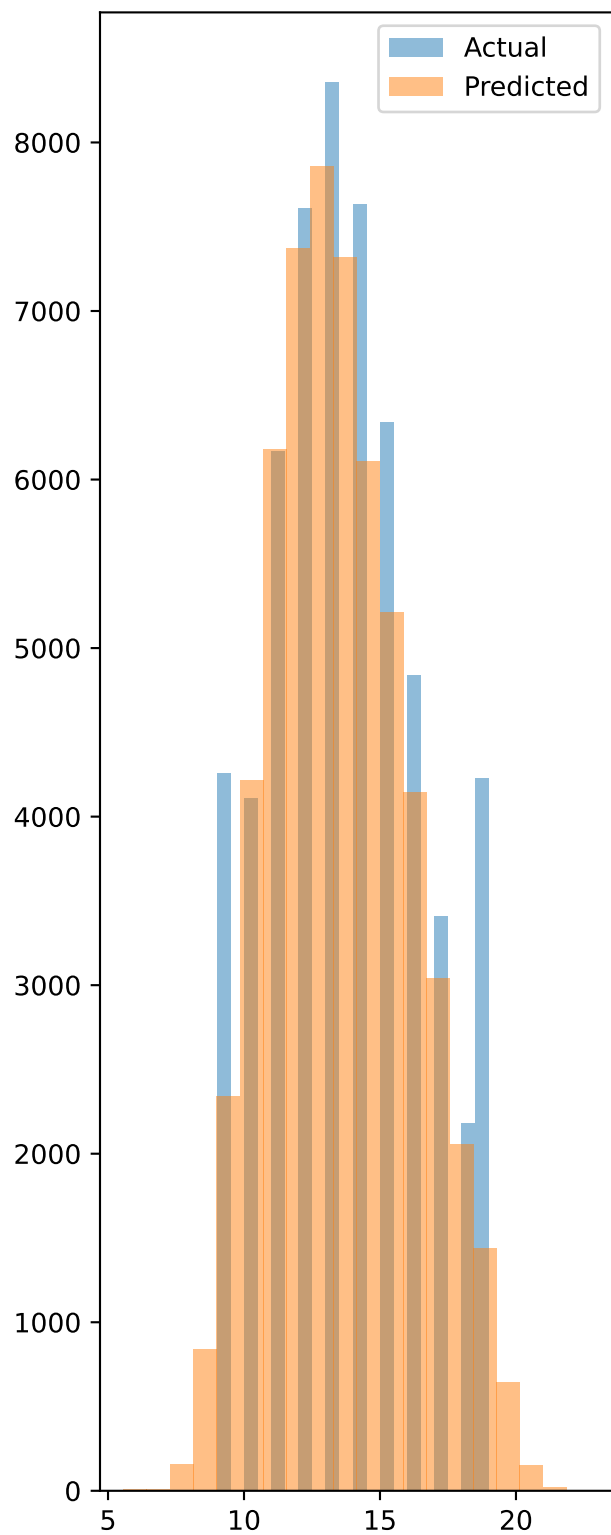
Distribution XGB model for  
Bicarbonate  
Asian group  
R2 score: 0.91  
Wasserstein Distance: 0.32



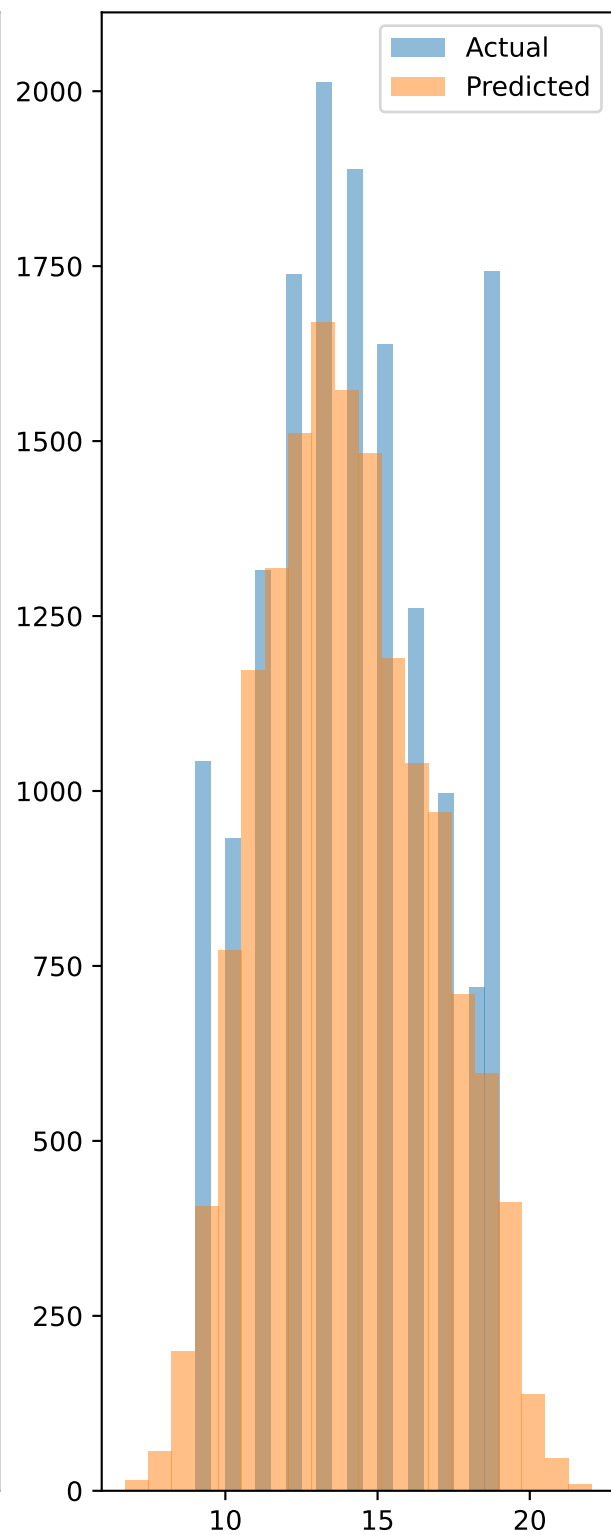
Distribution XGB model for  
Bicarbonate  
Others group  
R2 score: 0.93  
Wasserstein Distance: 0.31



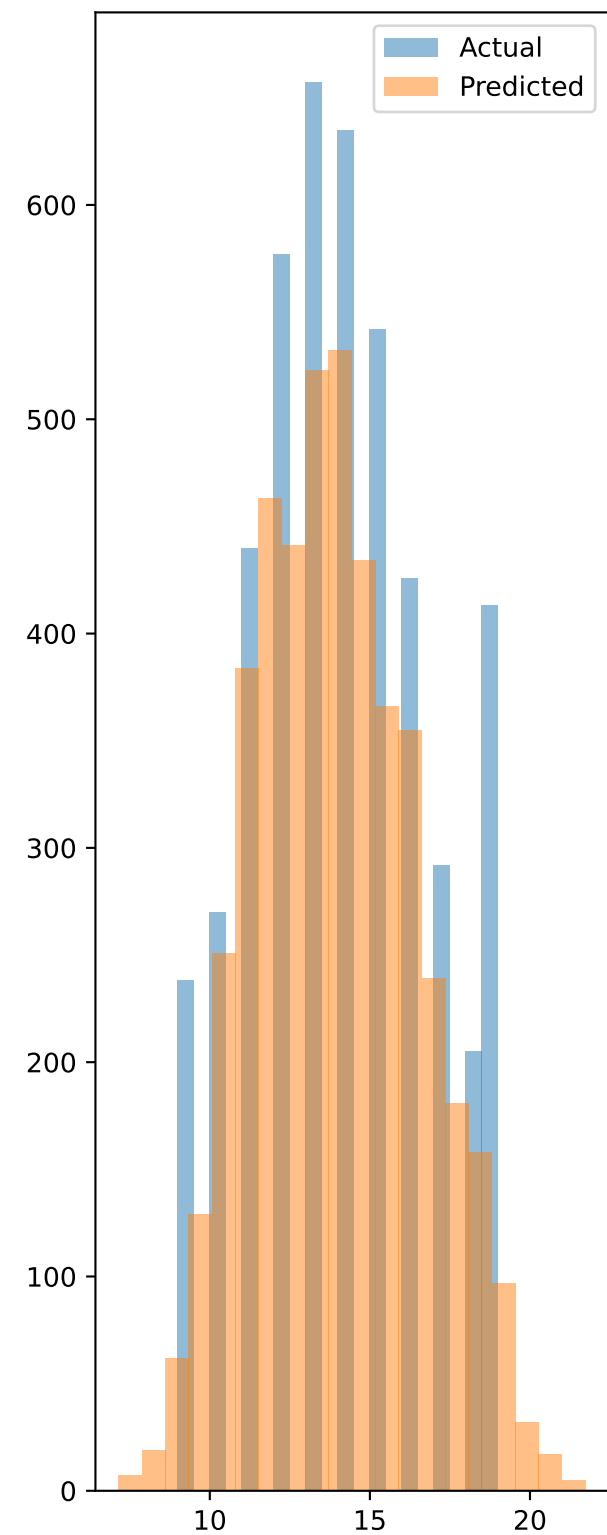
Distribution XGB model for  
Anion Gap  
White group  
R2 score: 0.87  
Wasserstein Distance: 0.35



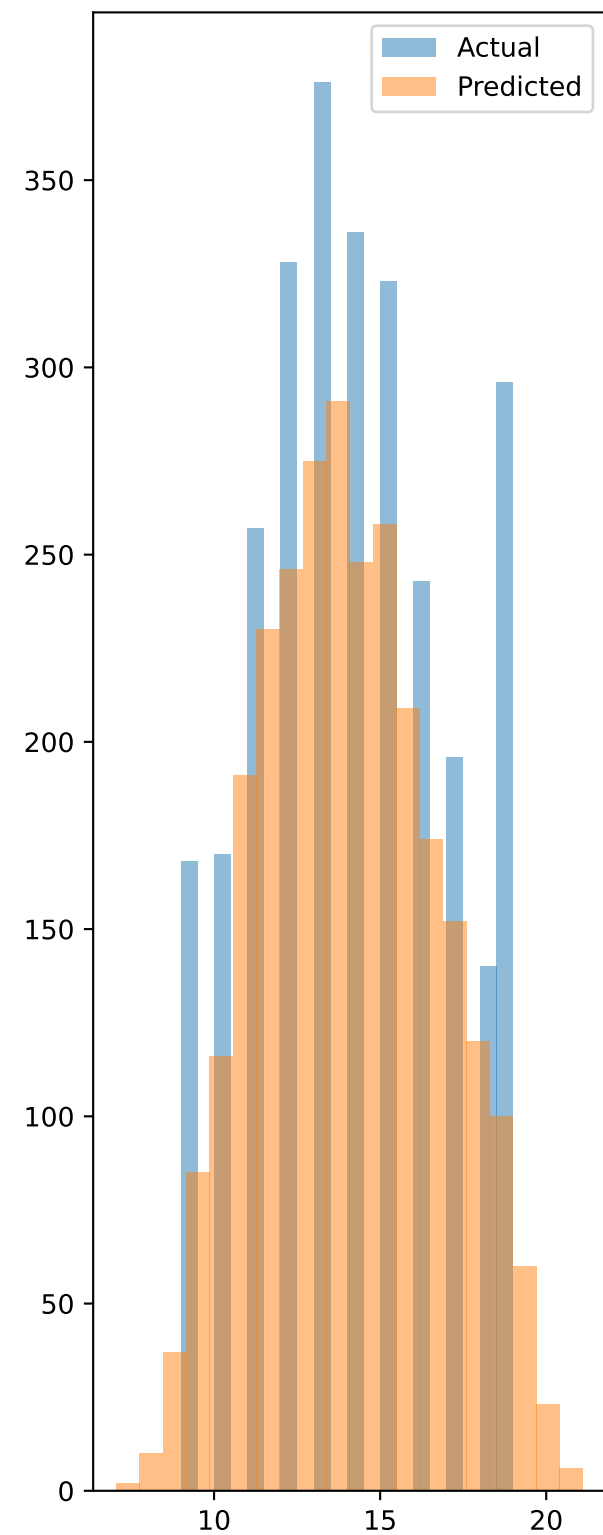
Distribution XGB model for  
Anion Gap  
Black group  
R2 score: 0.88  
Wasserstein Distance: 0.38



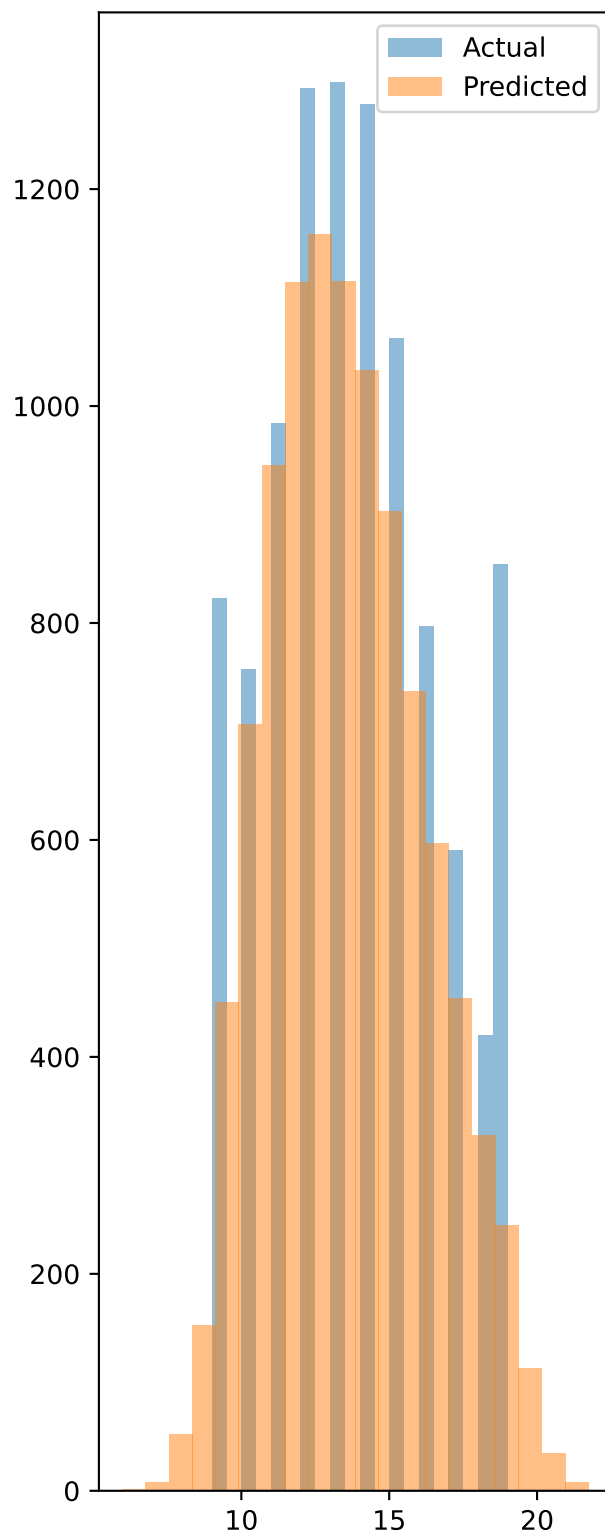
Distribution XGB model for  
Anion Gap  
Hispanic group  
R2 score: 0.87  
Wasserstein Distance: 0.35



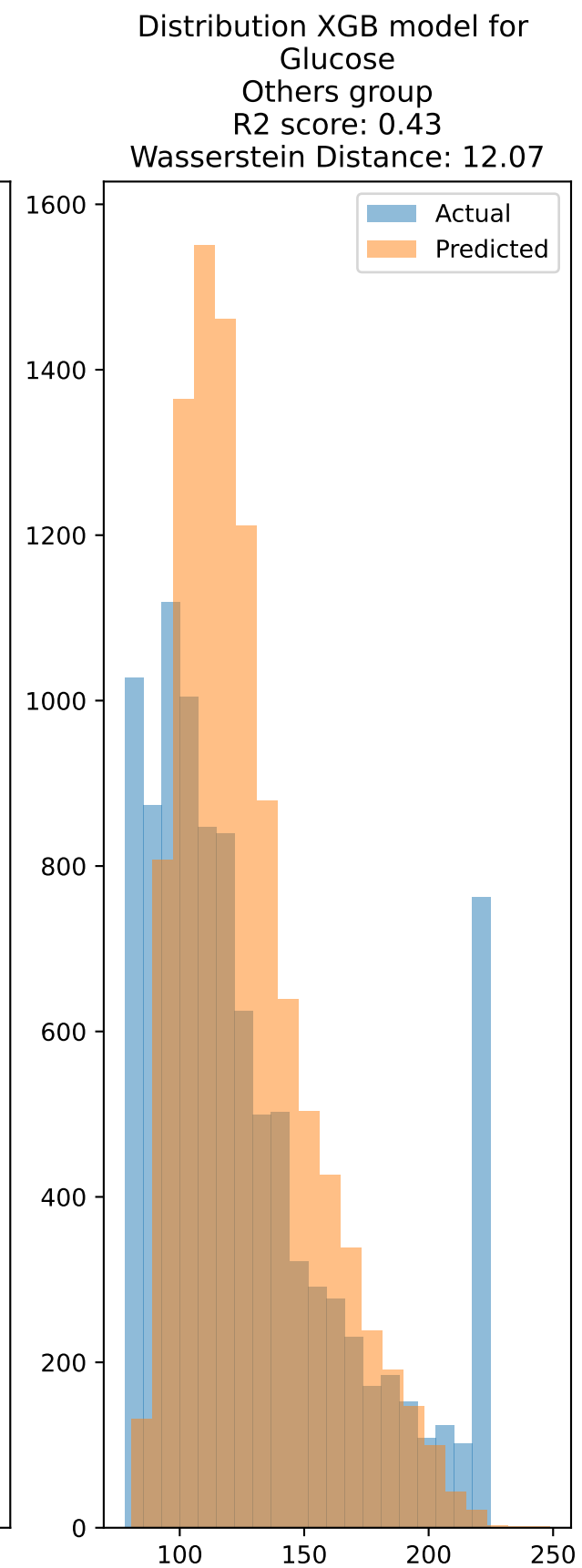
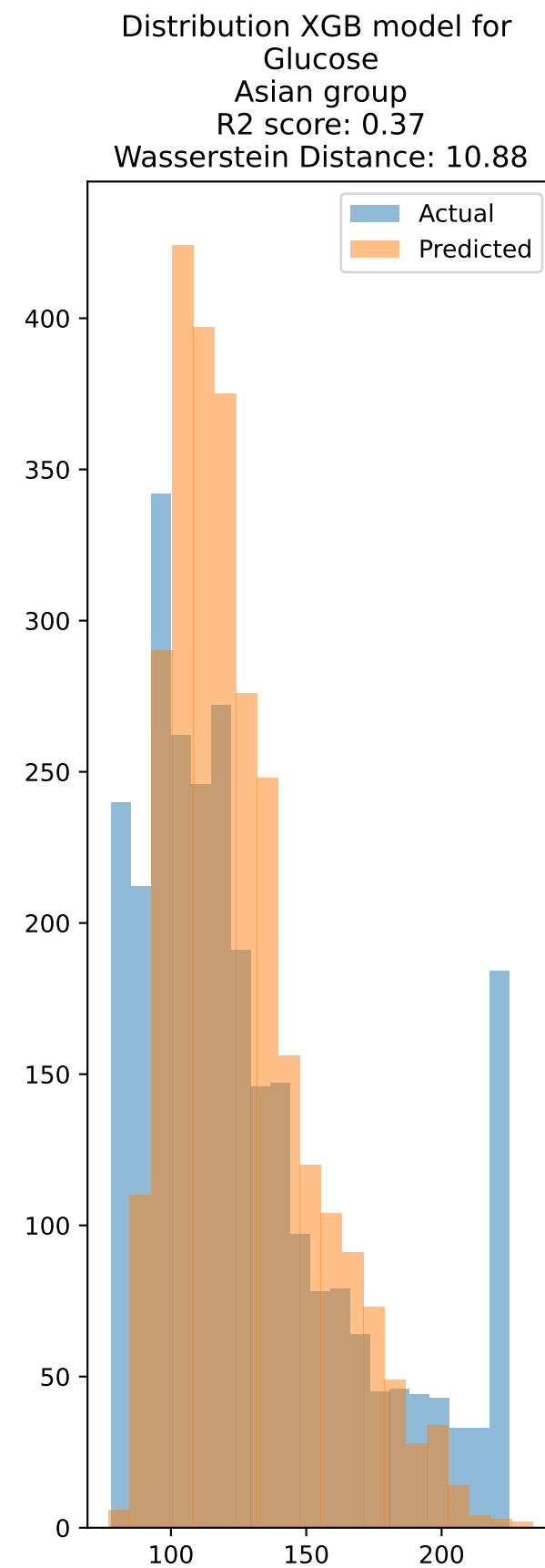
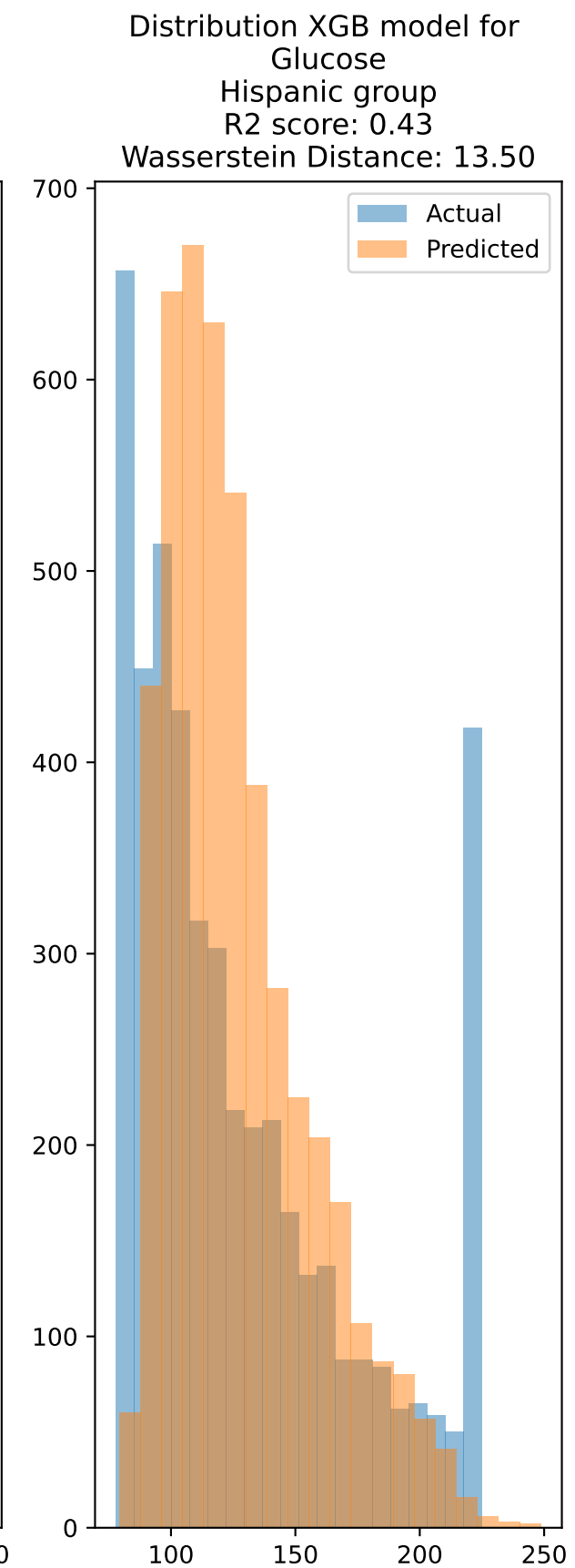
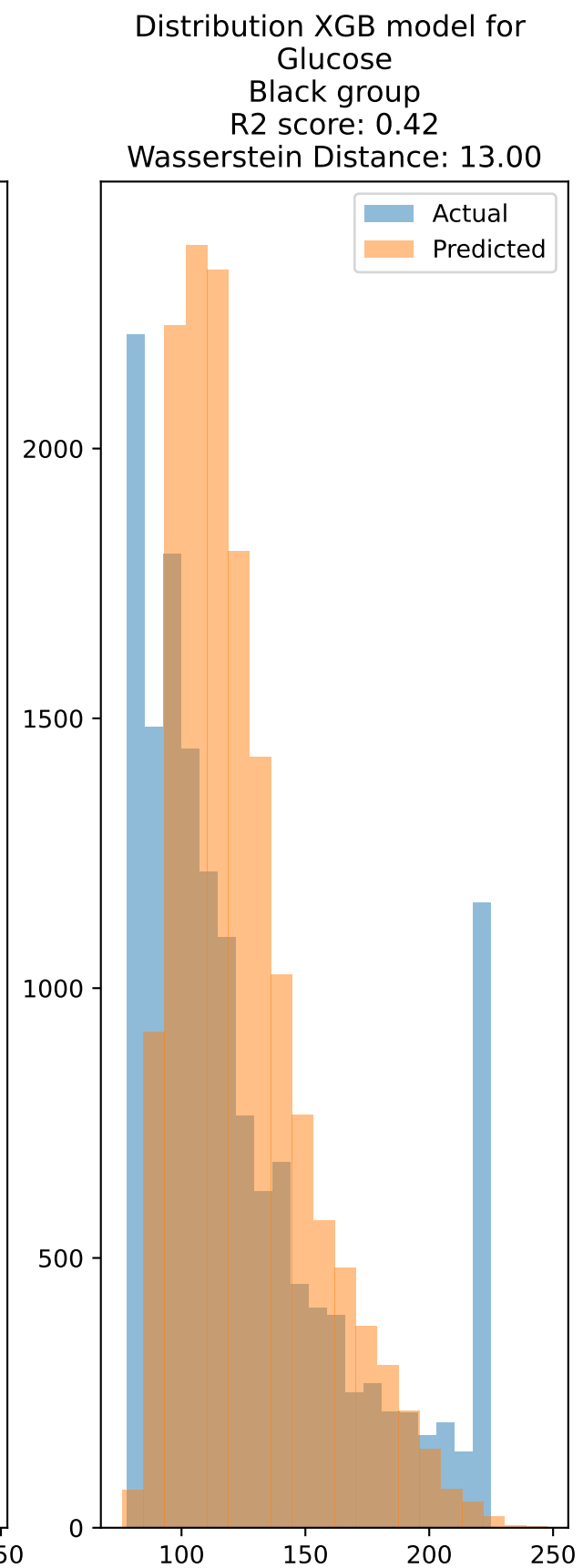
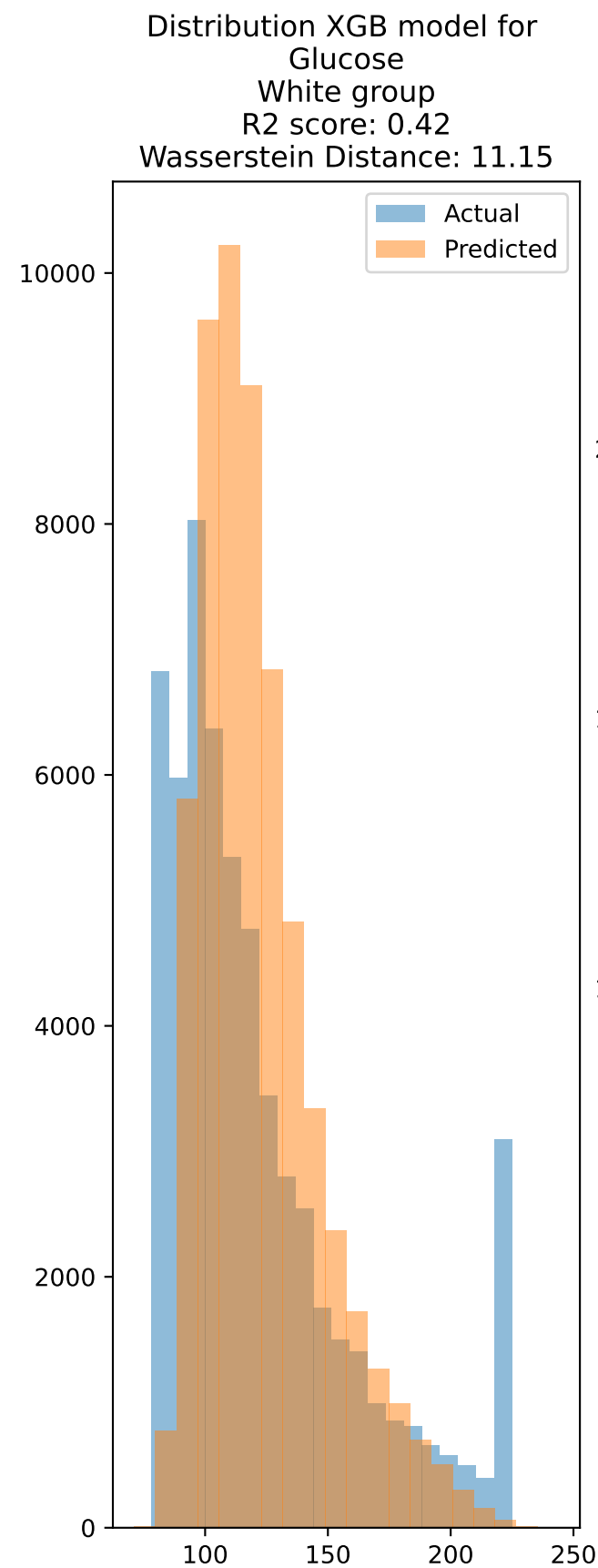
Distribution XGB model for  
Anion Gap  
Asian group  
R2 score: 0.86  
Wasserstein Distance: 0.38



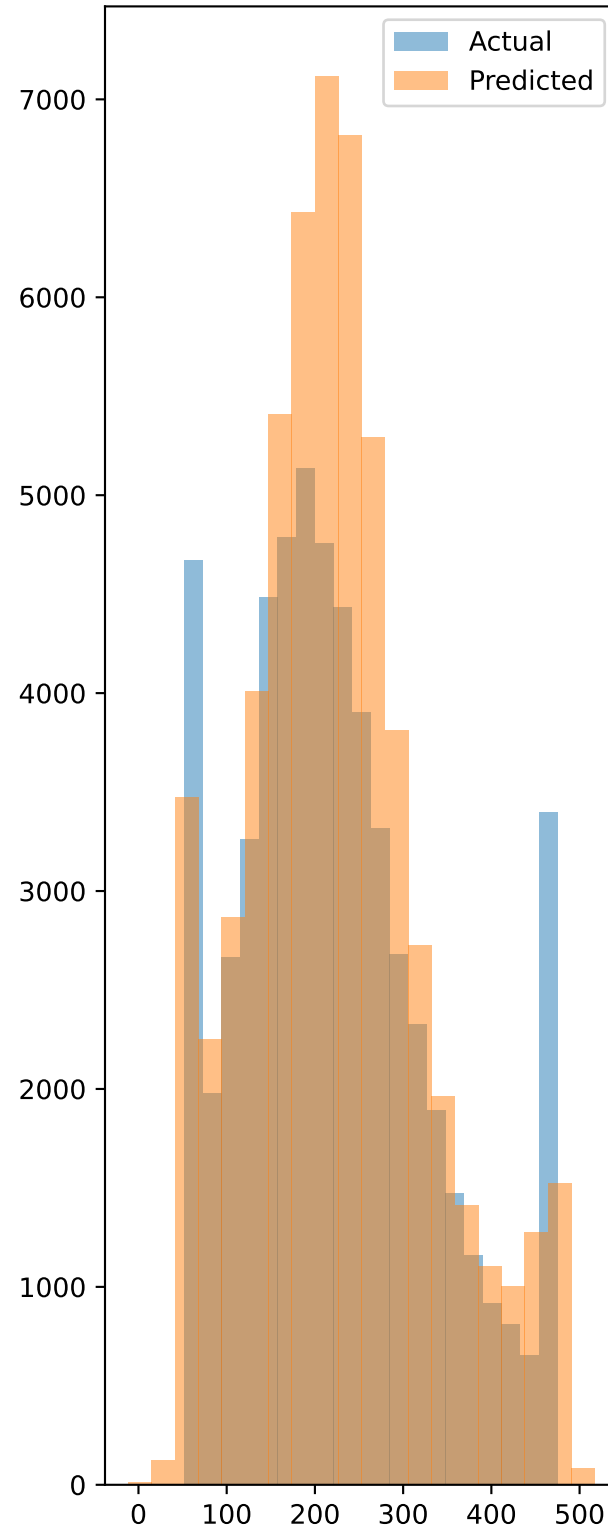
Distribution XGB model for  
Anion Gap  
Others group  
R2 score: 0.86  
Wasserstein Distance: 0.38



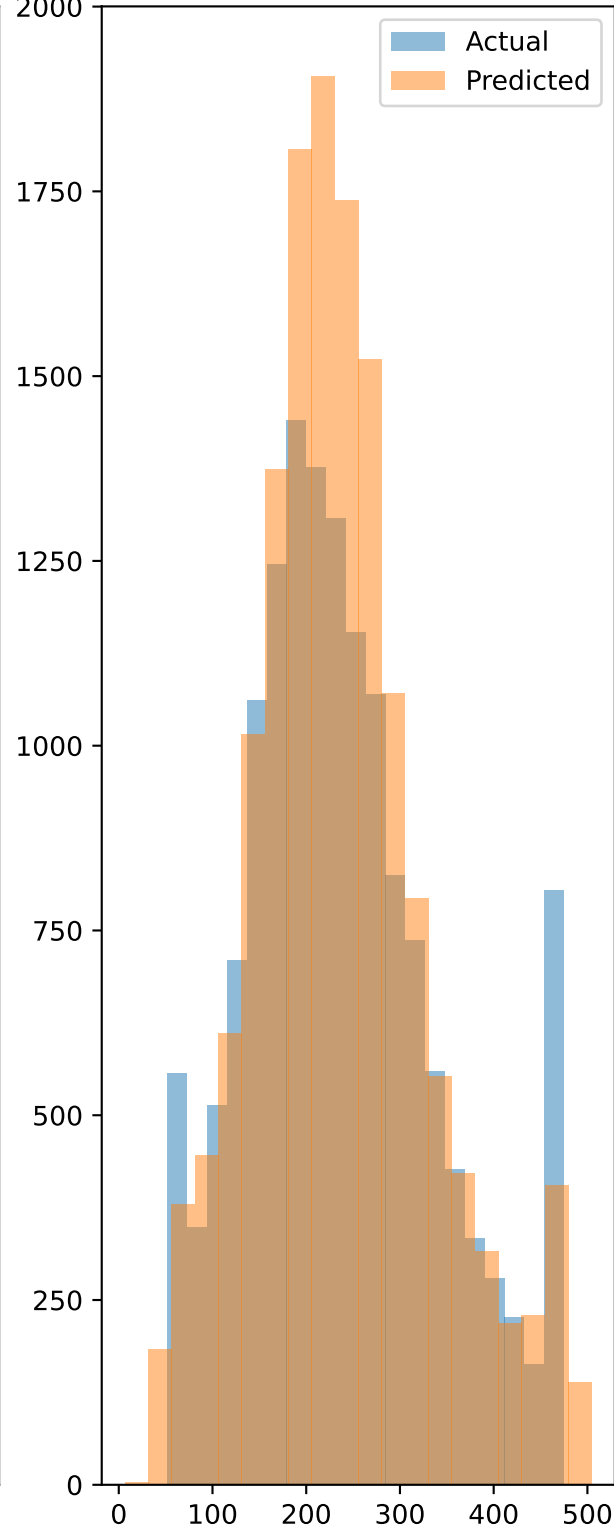




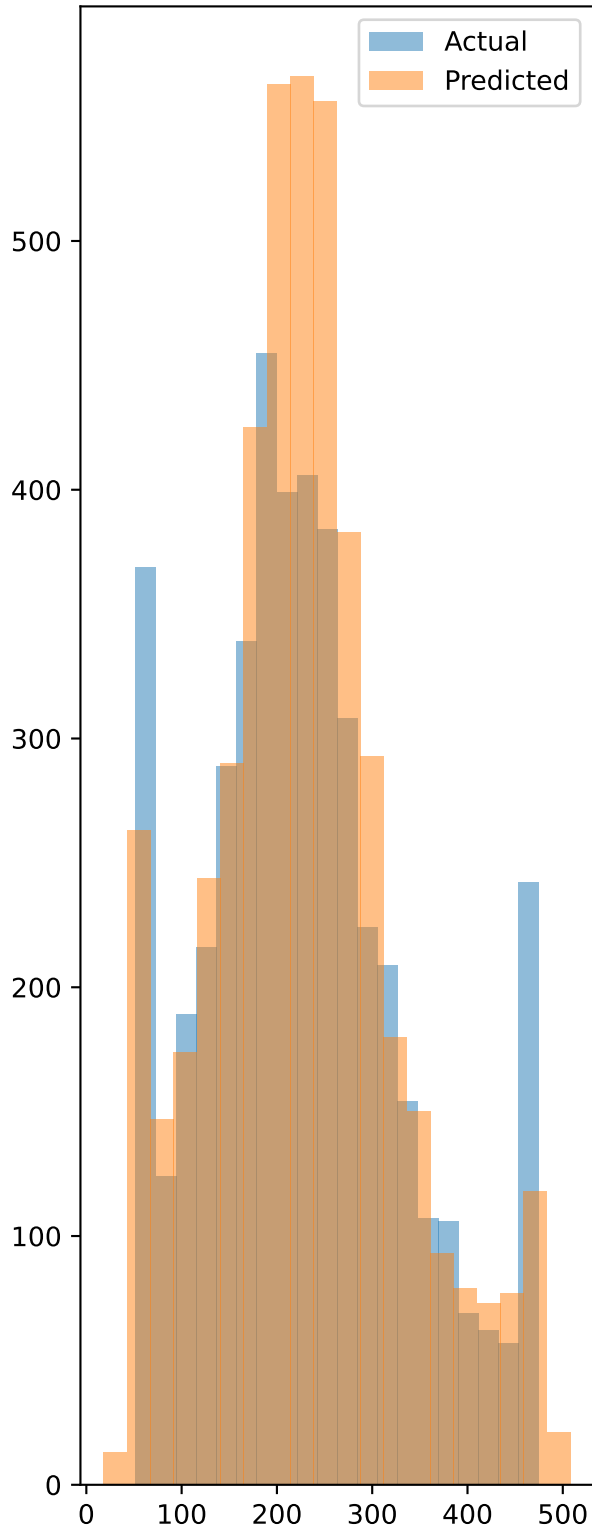
Distribution XGB model for  
Platelet Count  
White group  
R2 score: 0.86  
Wasserstein Distance: 9.68



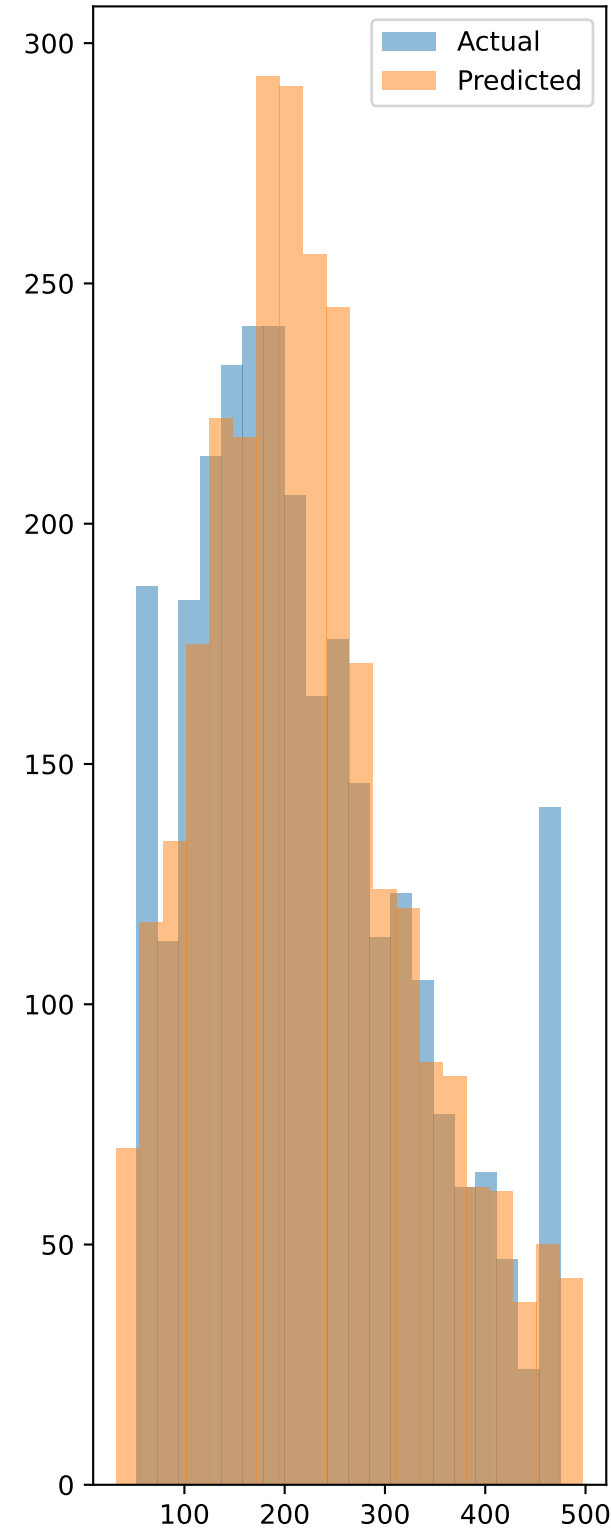
Distribution XGB model for  
Platelet Count  
Black group  
R2 score: 0.82  
Wasserstein Distance: 8.71



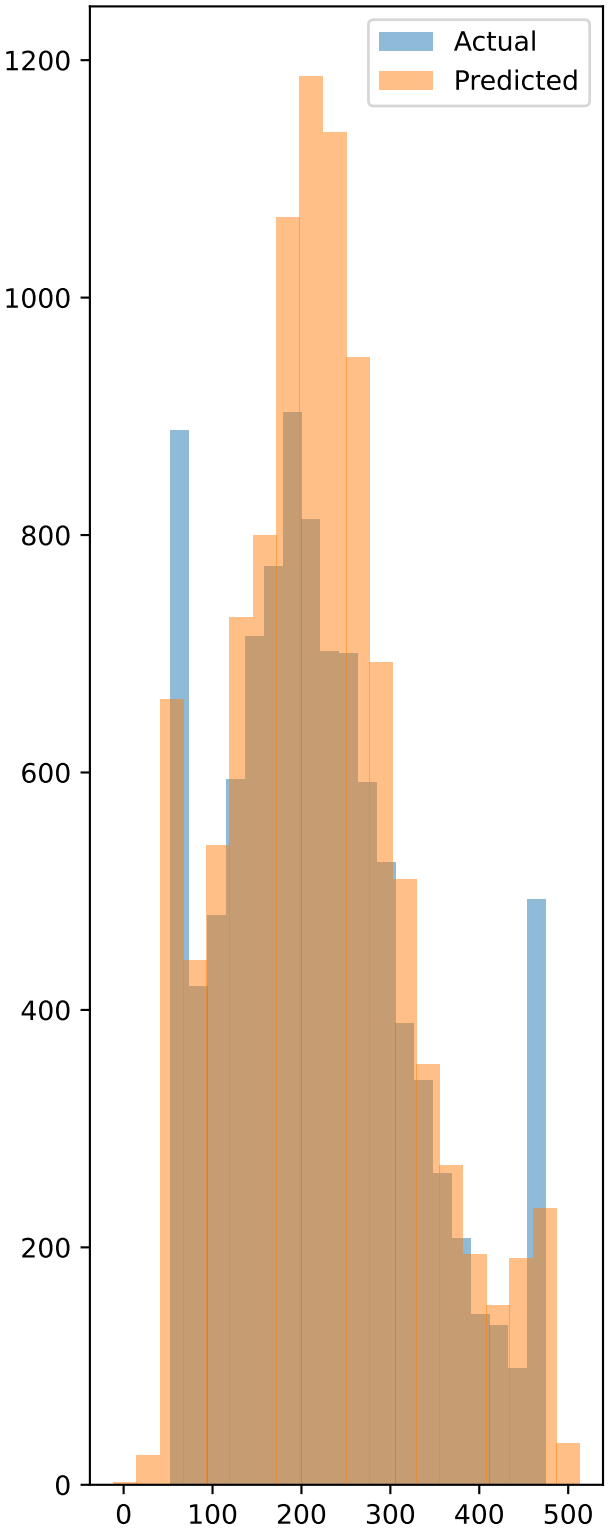
Distribution XGB model for  
Platelet Count  
Hispanic group  
R2 score: 0.85  
Wasserstein Distance: 9.39



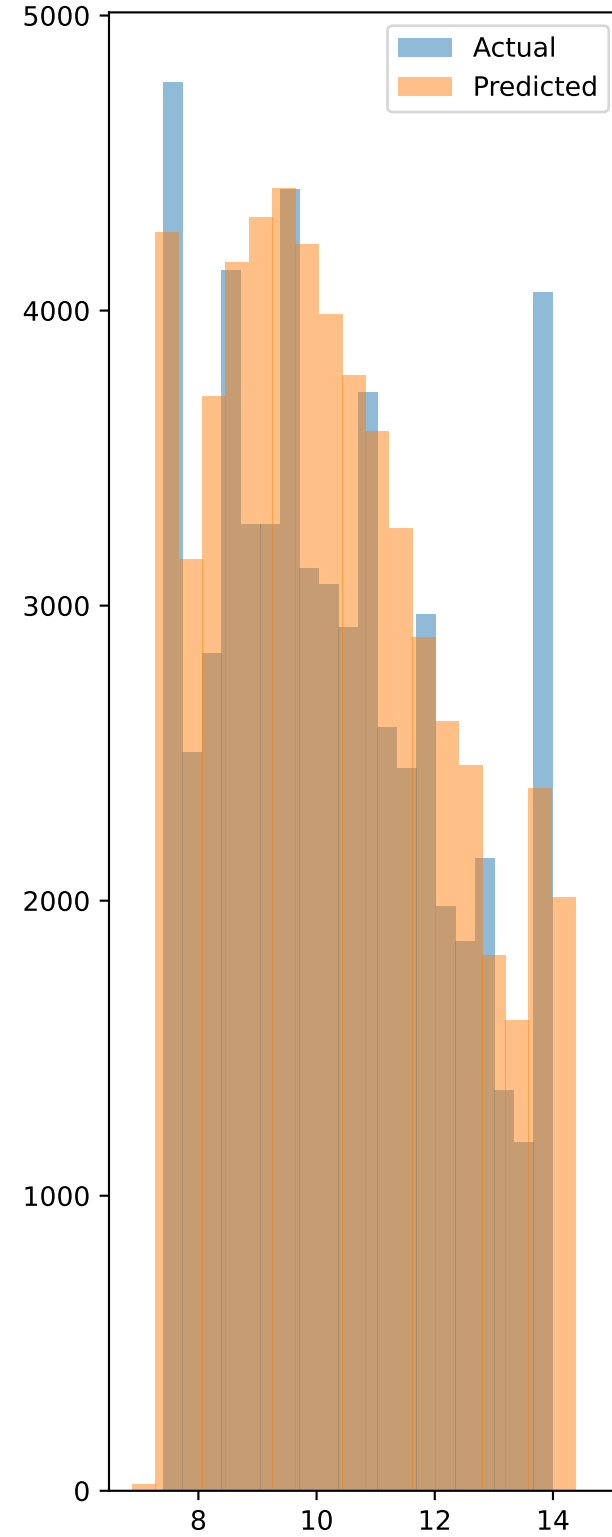
Distribution XGB model for  
Platelet Count  
Asian group  
R2 score: 0.86  
Wasserstein Distance: 9.63



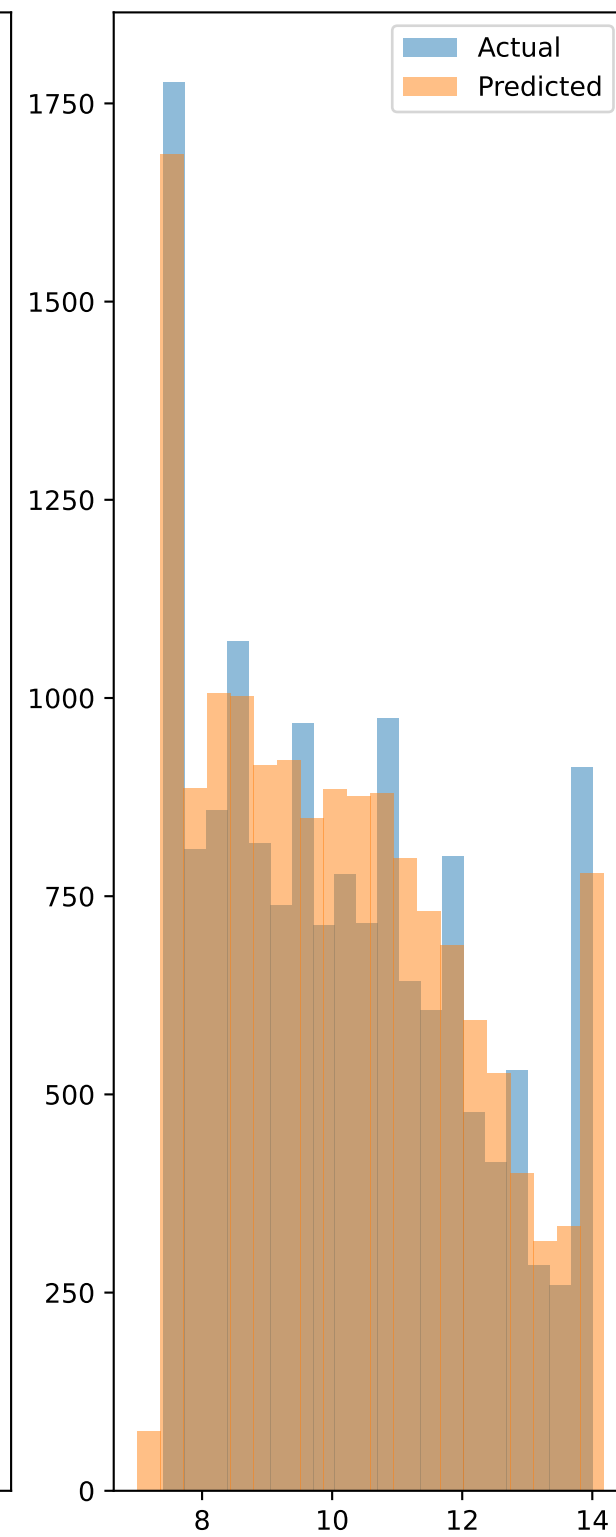
Distribution XGB model for  
Platelet Count  
Others group  
R2 score: 0.87  
Wasserstein Distance: 8.32



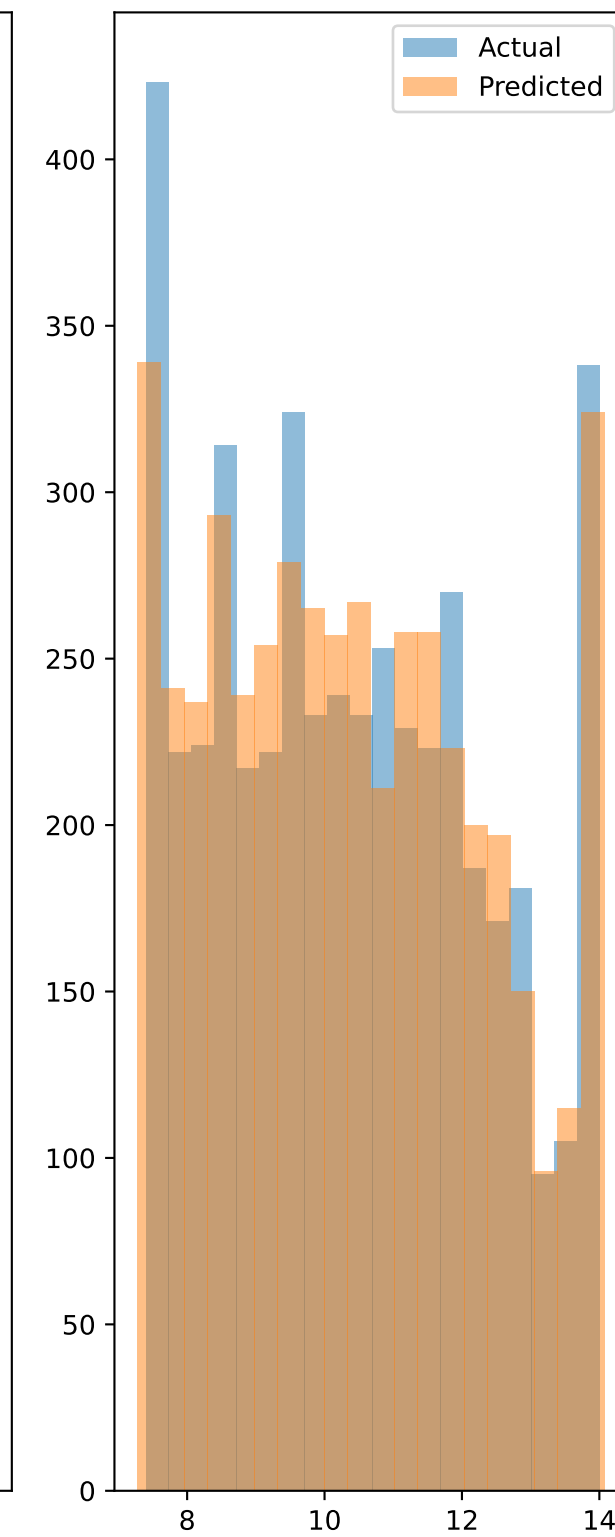
Distribution XGB model for  
Hemoglobin  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.03



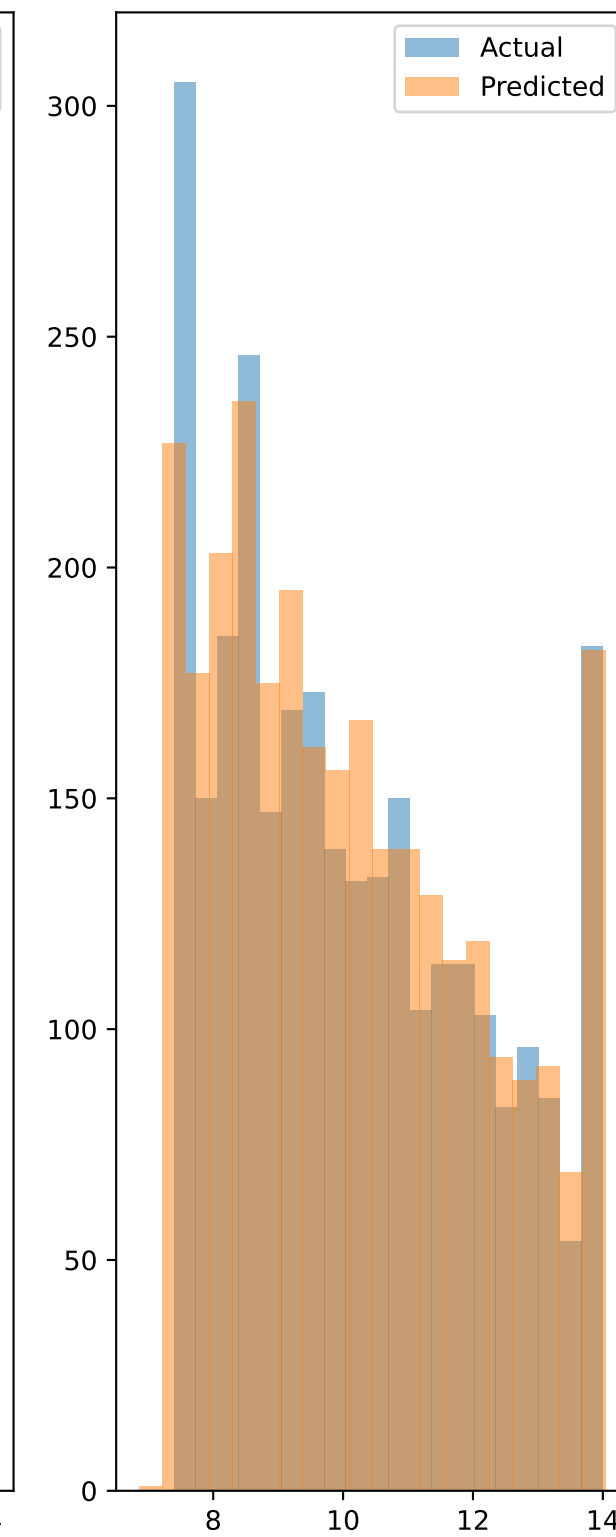
Distribution XGB model for  
Hemoglobin  
Black group  
R2 score: 1.00  
Wasserstein Distance: 0.03



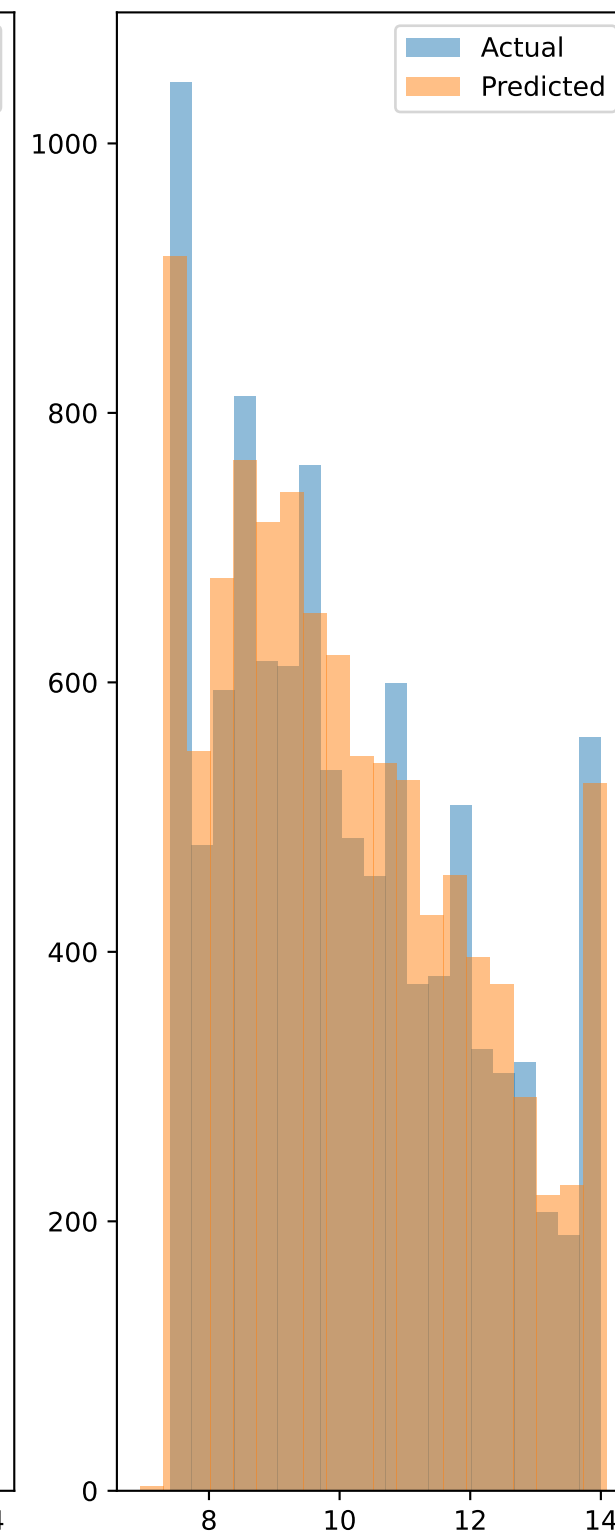
Distribution XGB model for  
Hemoglobin  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.03



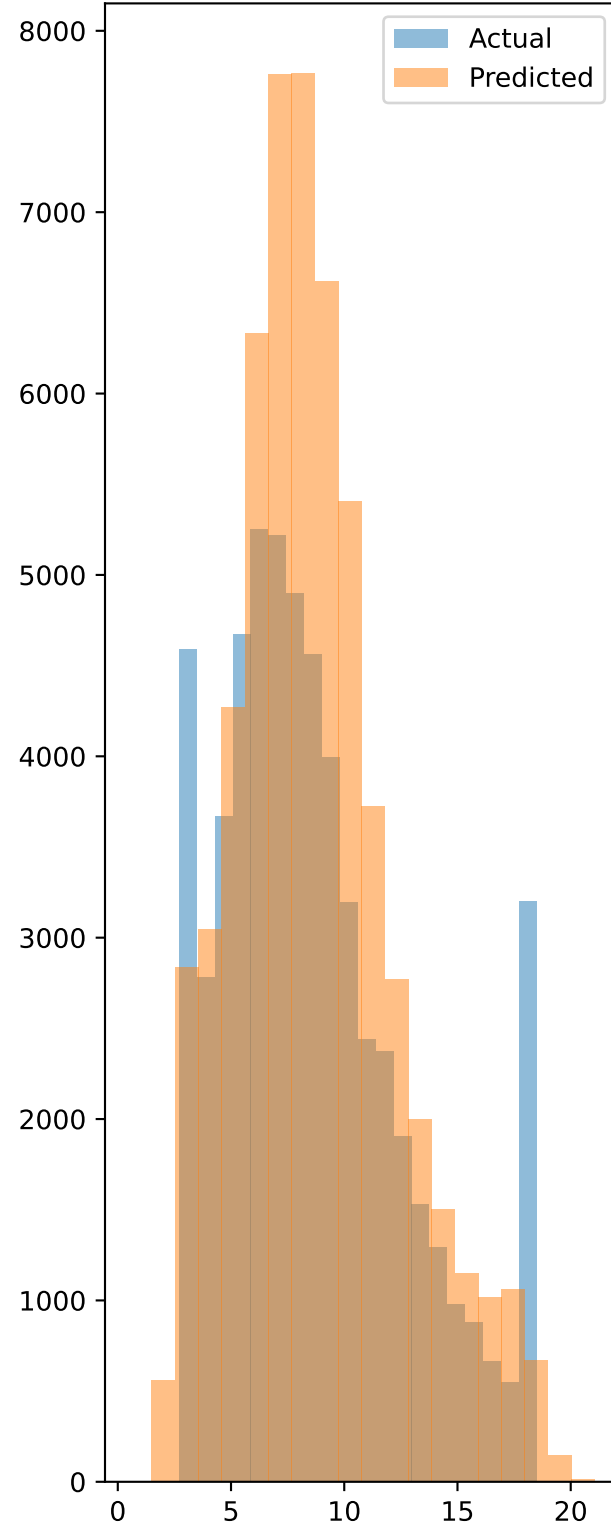
Distribution XGB model for  
Hemoglobin  
Asian group  
R2 score: 1.00  
Wasserstein Distance: 0.03



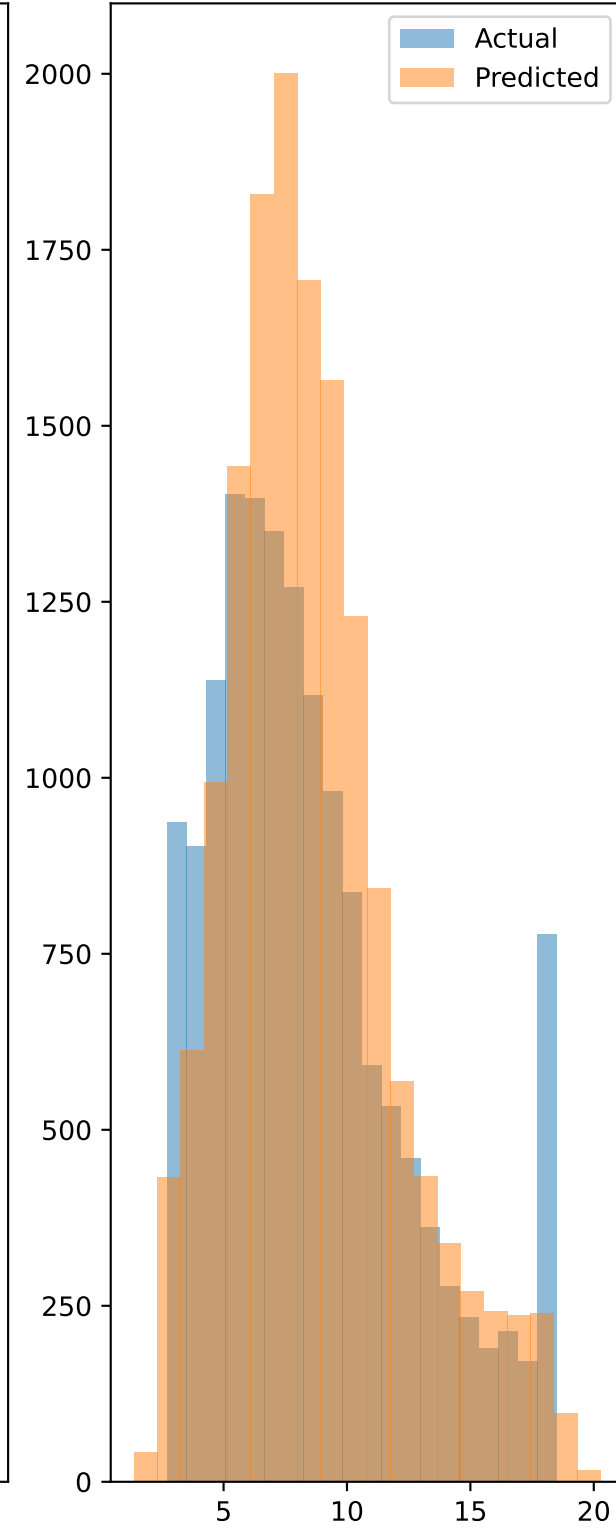
Distribution XGB model for  
Hemoglobin  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.03



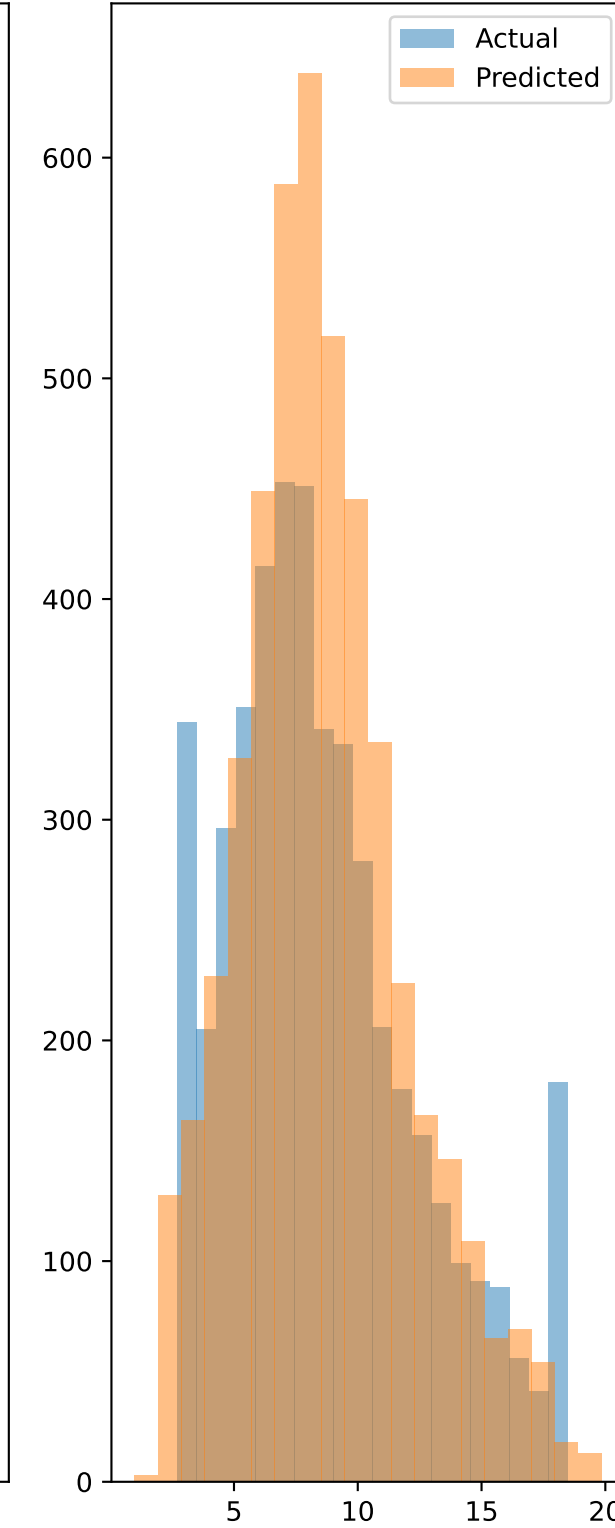
Distribution XGB model for  
White Blood Cells  
White group  
R2 score: 0.76  
Wasserstein Distance: 0.54



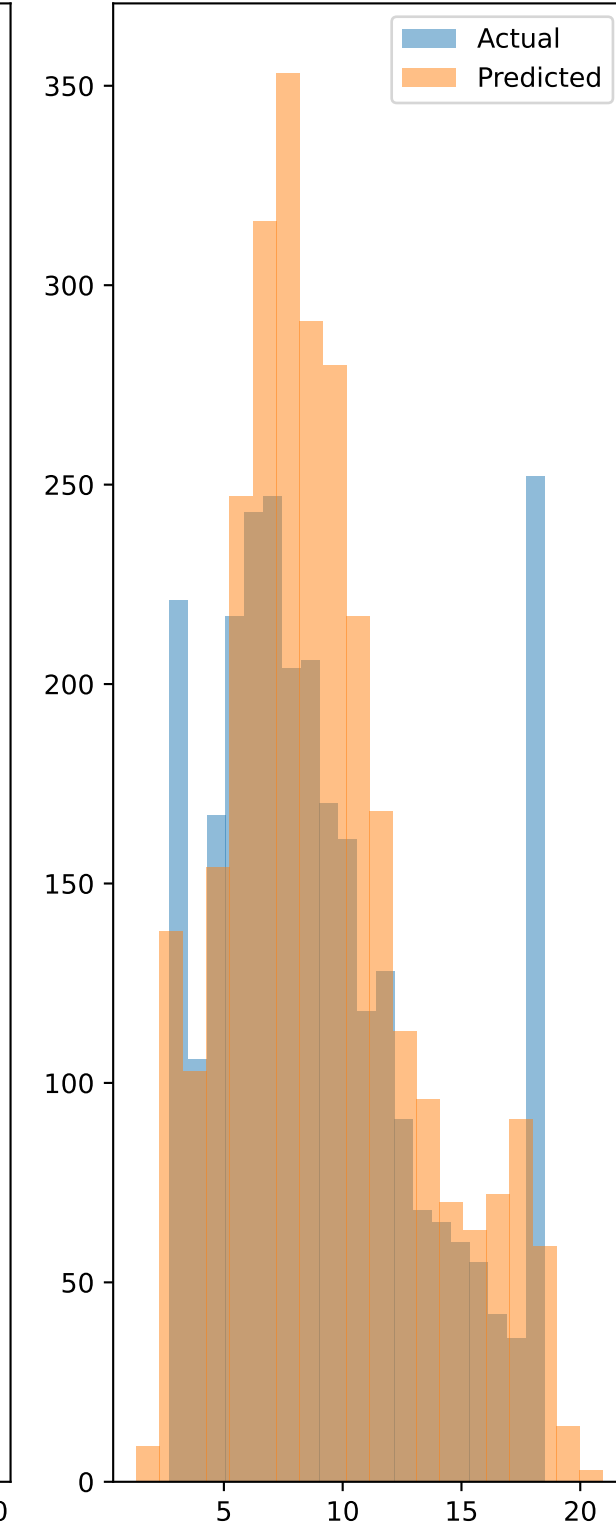
Distribution XGB model for  
White Blood Cells  
Black group  
R2 score: 0.75  
Wasserstein Distance: 0.60



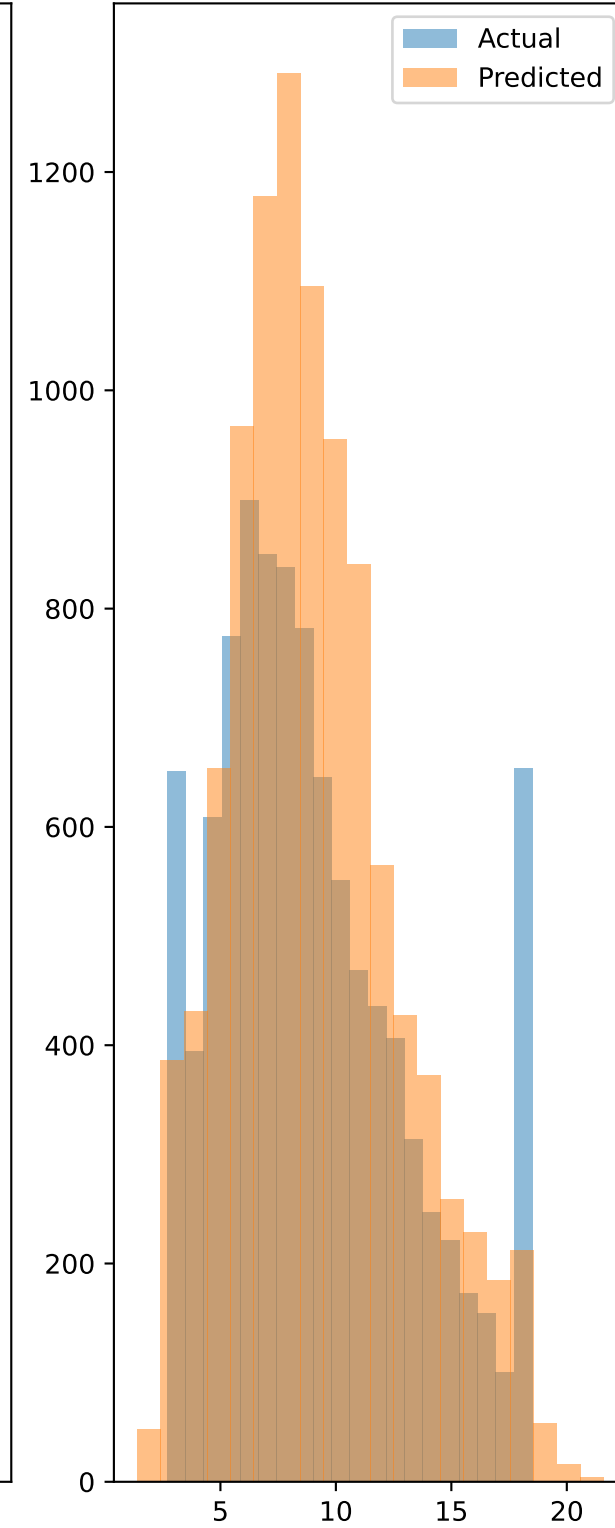
Distribution XGB model for  
White Blood Cells  
Hispanic group  
R2 score: 0.73  
Wasserstein Distance: 0.56



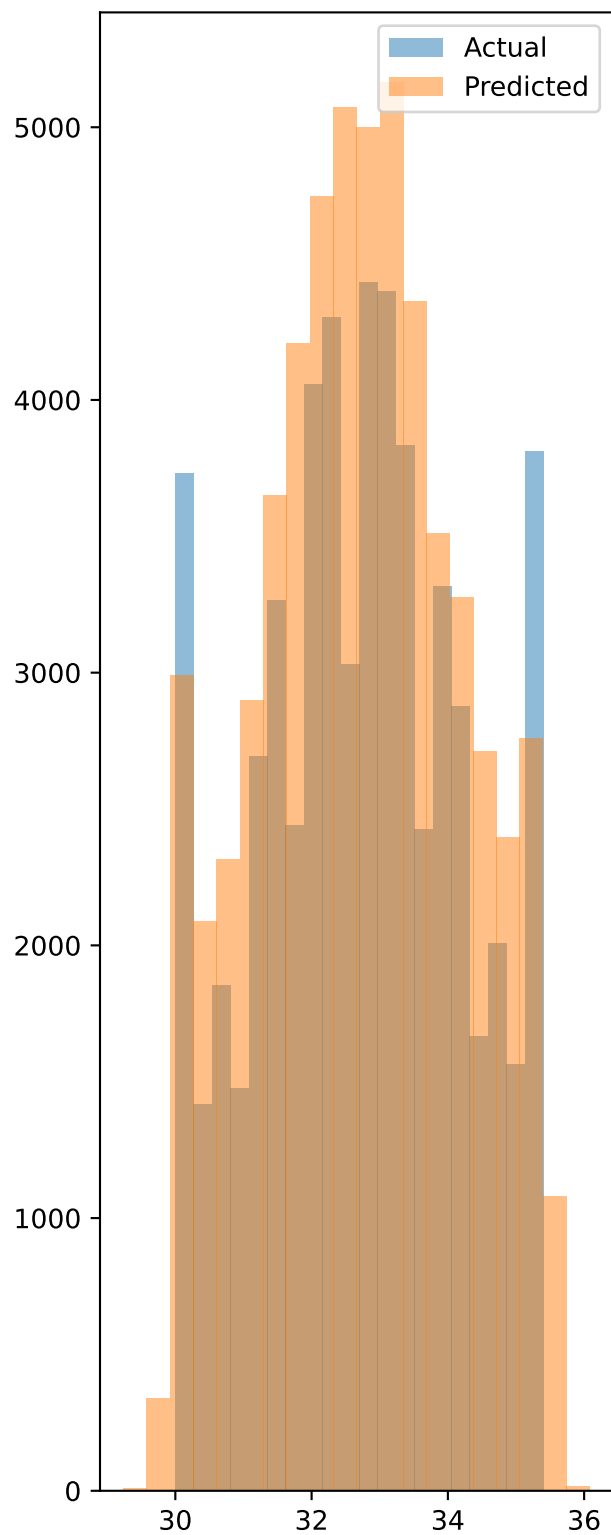
Distribution XGB model for  
White Blood Cells  
Asian group  
R2 score: 0.78  
Wasserstein Distance: 0.58



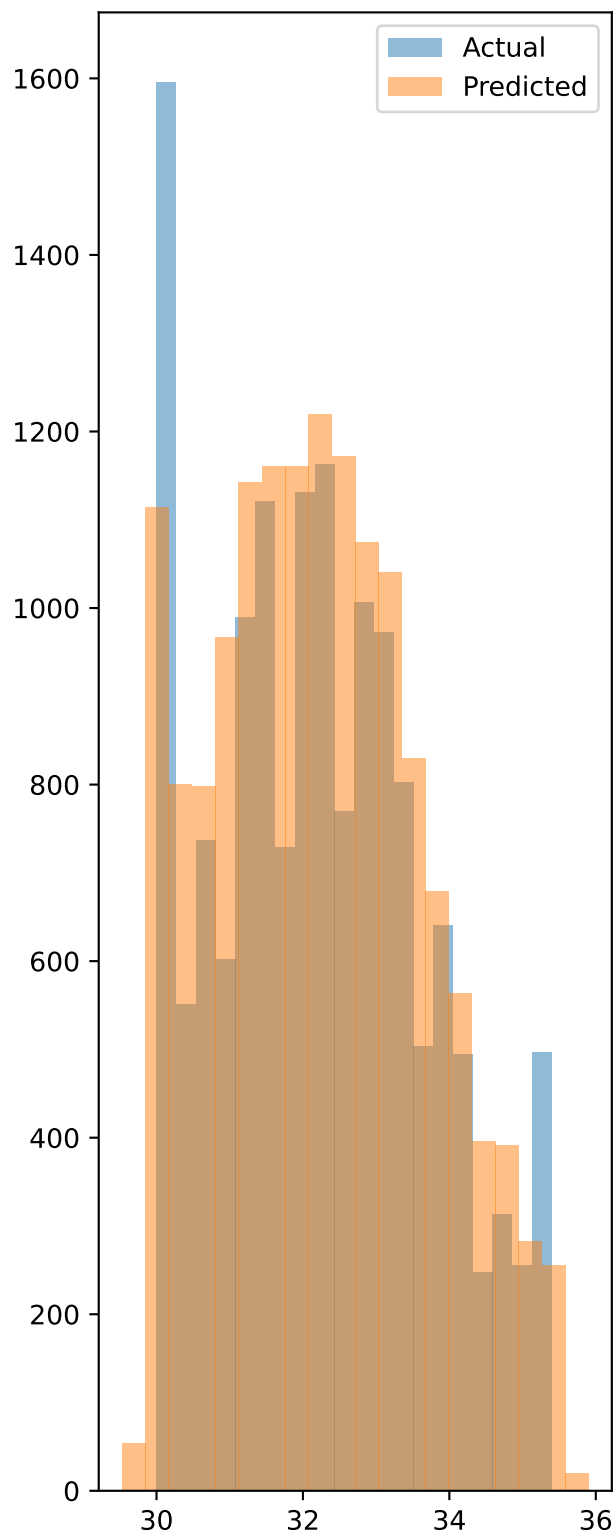
Distribution XGB model for  
White Blood Cells  
Others group  
R2 score: 0.76  
Wasserstein Distance: 0.53



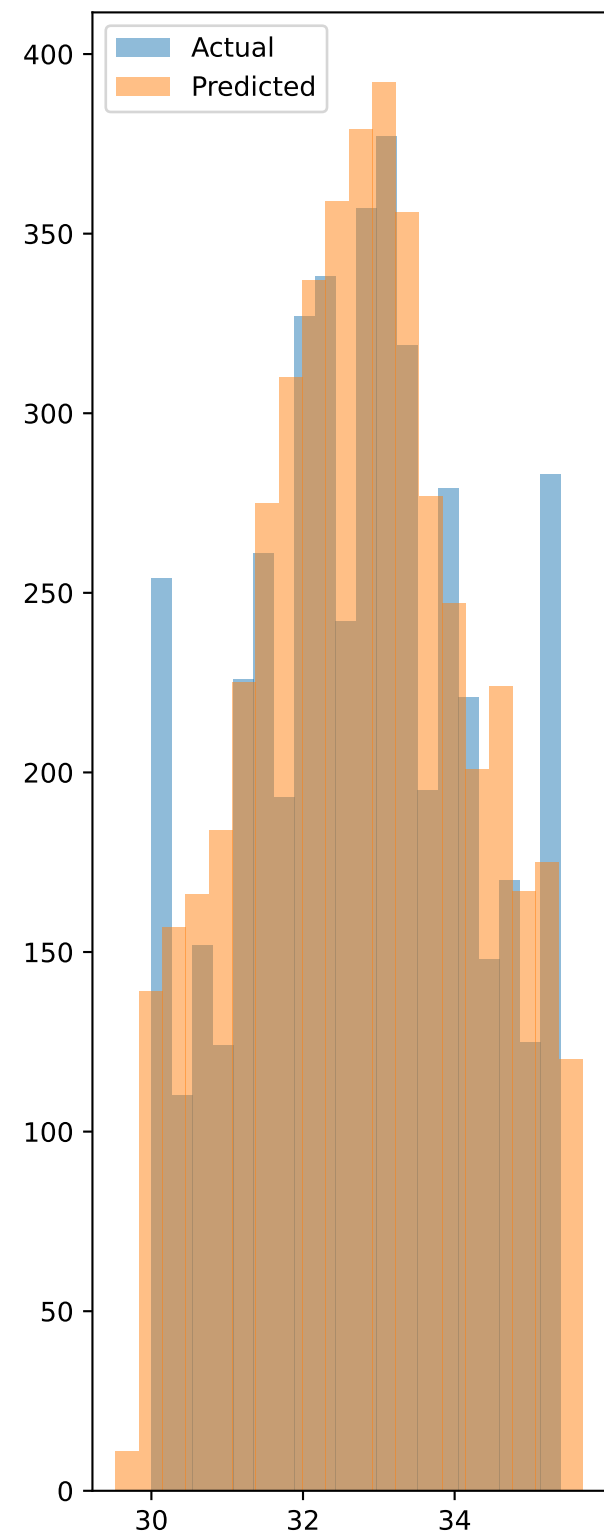
Distribution XGB model for  
MCHC  
White group  
R2 score: 0.98  
Wasserstein Distance: 0.04



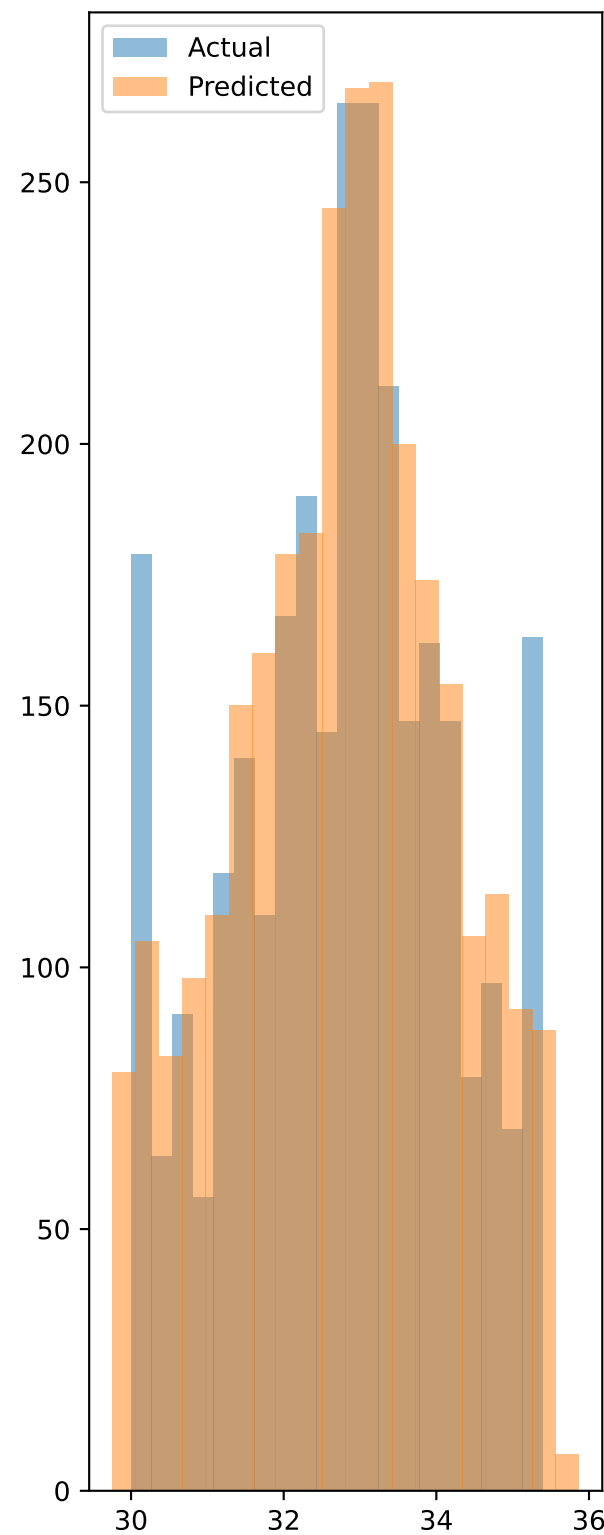
Distribution XGB model for  
MCHC  
Black group  
R2 score: 0.98  
Wasserstein Distance: 0.04



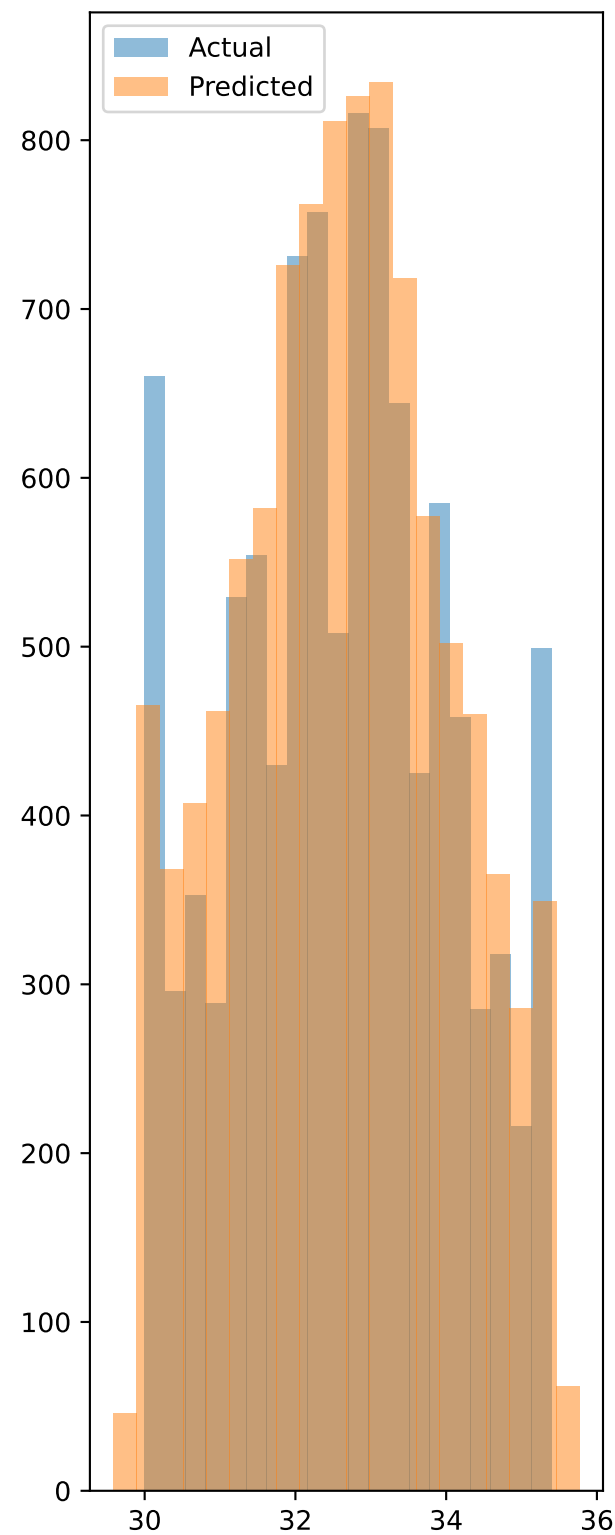
Distribution XGB model for  
MCHC  
Hispanic group  
R2 score: 0.98  
Wasserstein Distance: 0.04



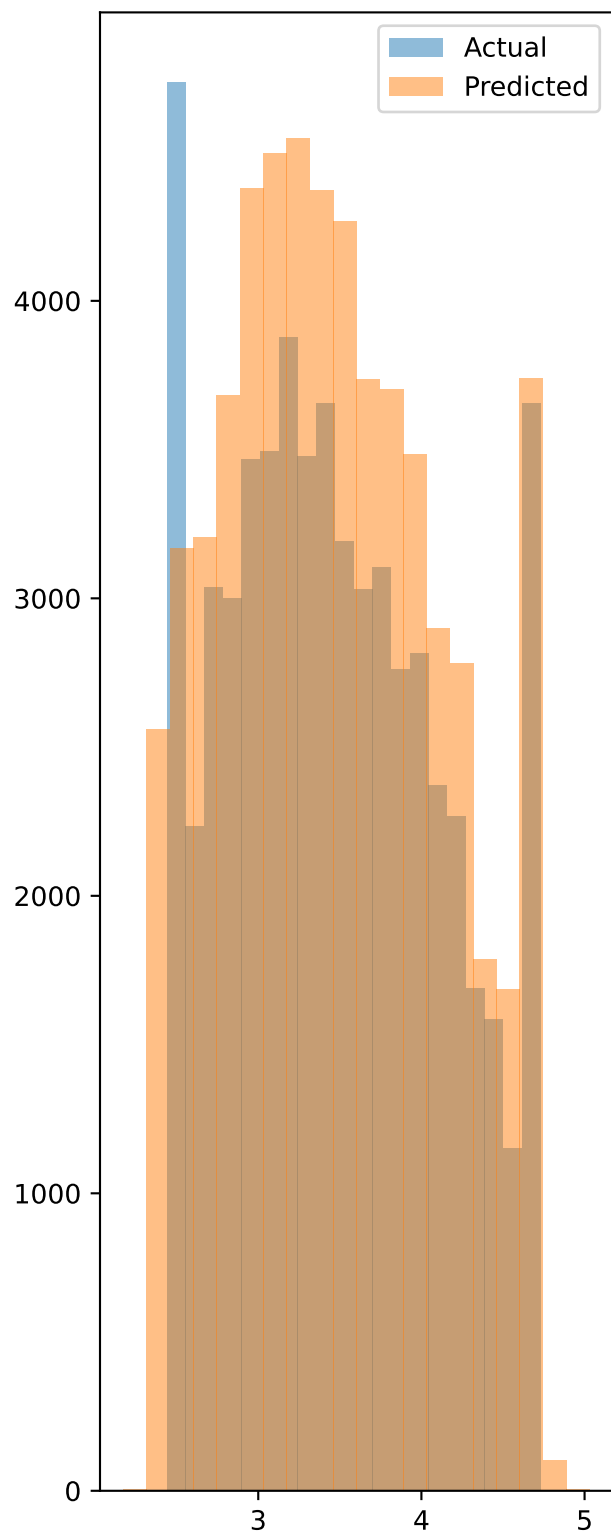
Distribution XGB model for  
MCHC  
Asian group  
R2 score: 0.98  
Wasserstein Distance: 0.04



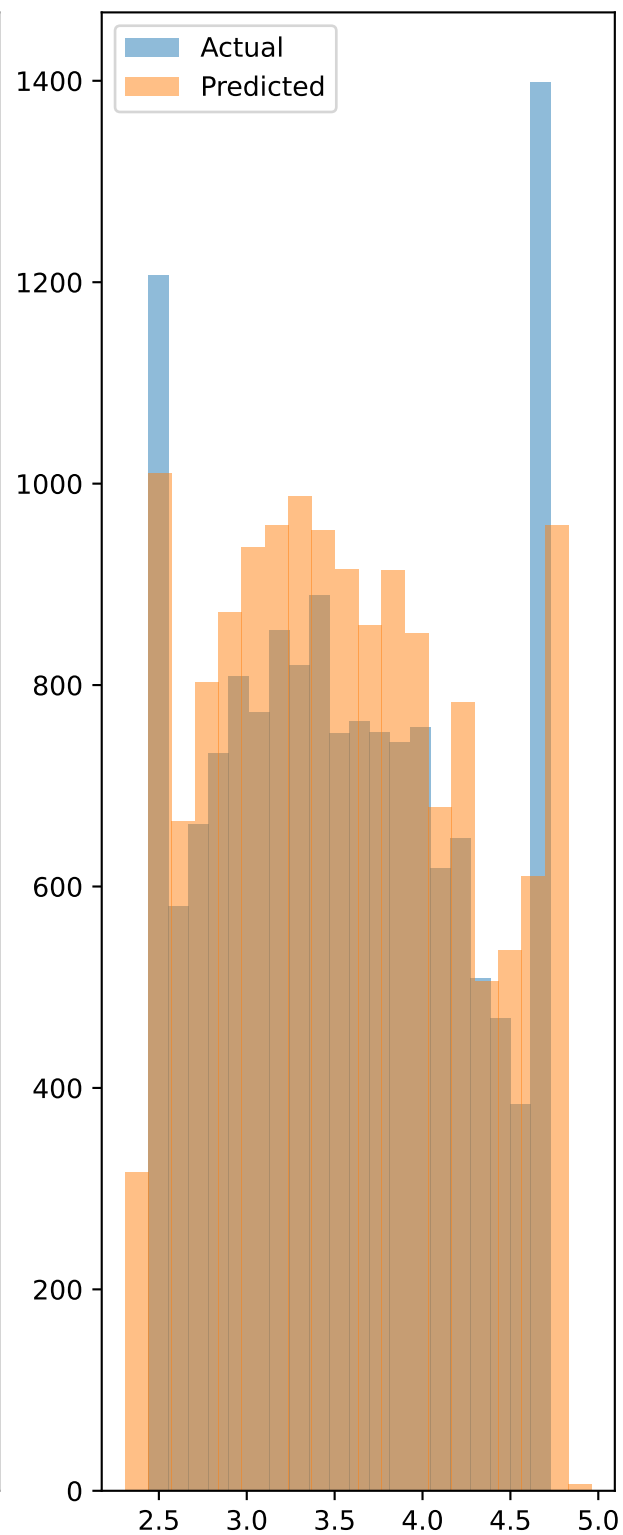
Distribution XGB model for  
MCHC  
Others group  
R2 score: 0.98  
Wasserstein Distance: 0.04



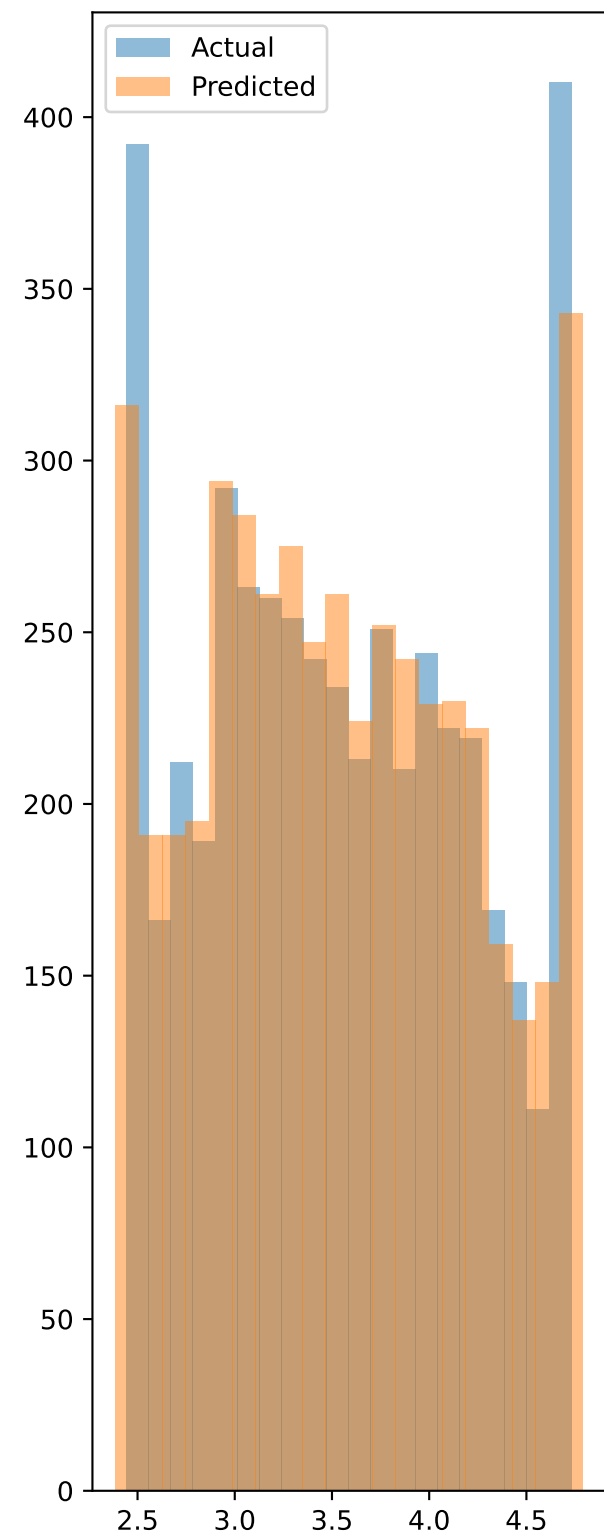
Distribution XGB model for  
Red Blood Cells  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.00



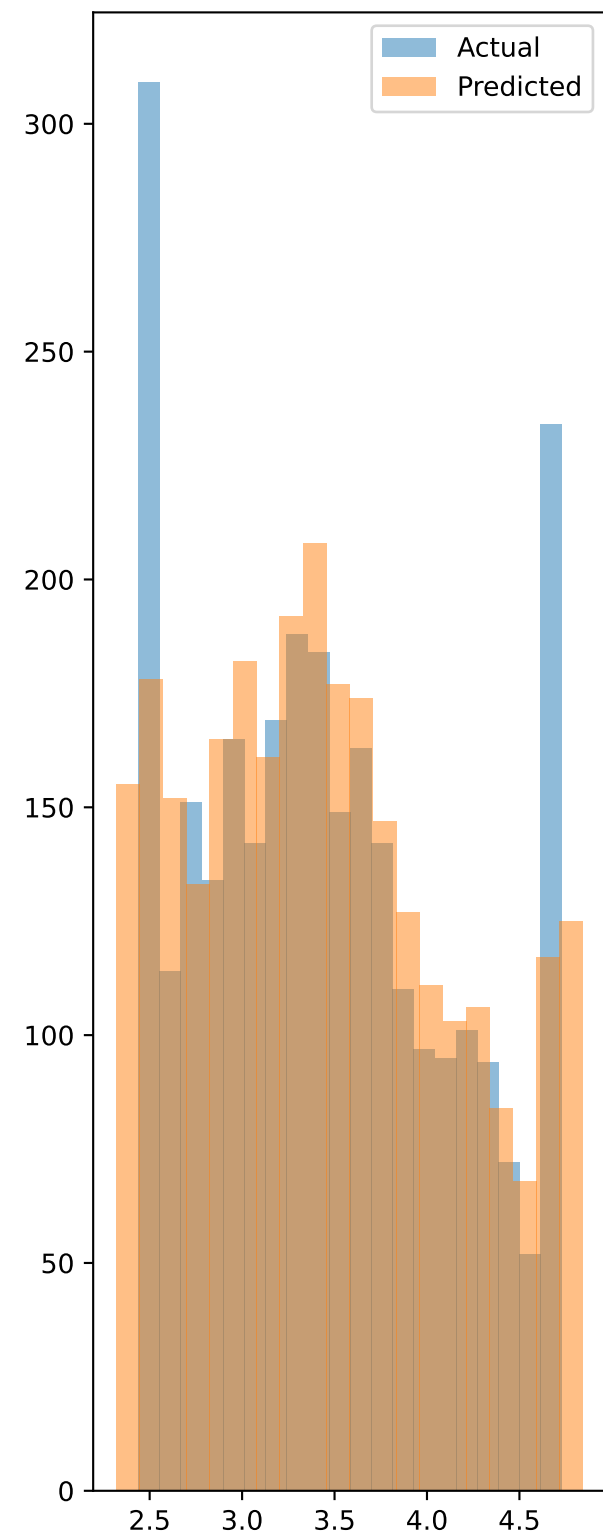
Distribution XGB model for  
Red Blood Cells  
Black group  
R2 score: 0.99  
Wasserstein Distance: 0.01



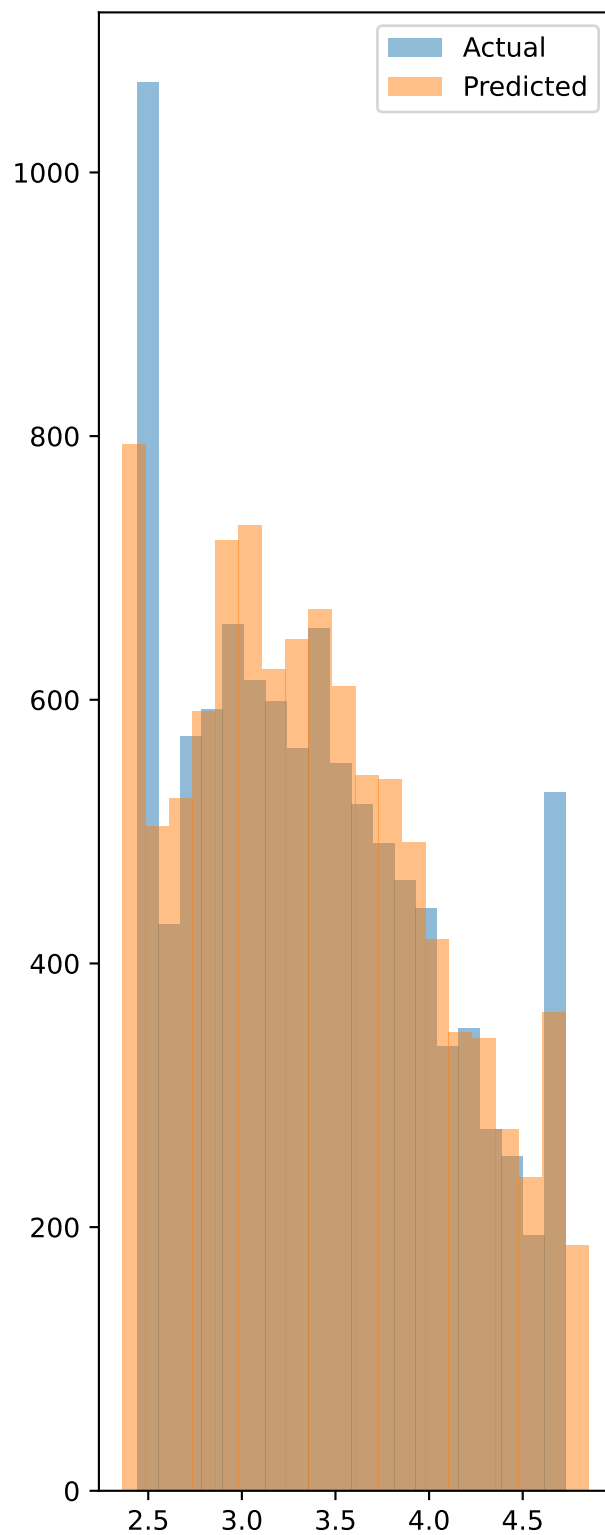
Distribution XGB model for  
Red Blood Cells  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.01



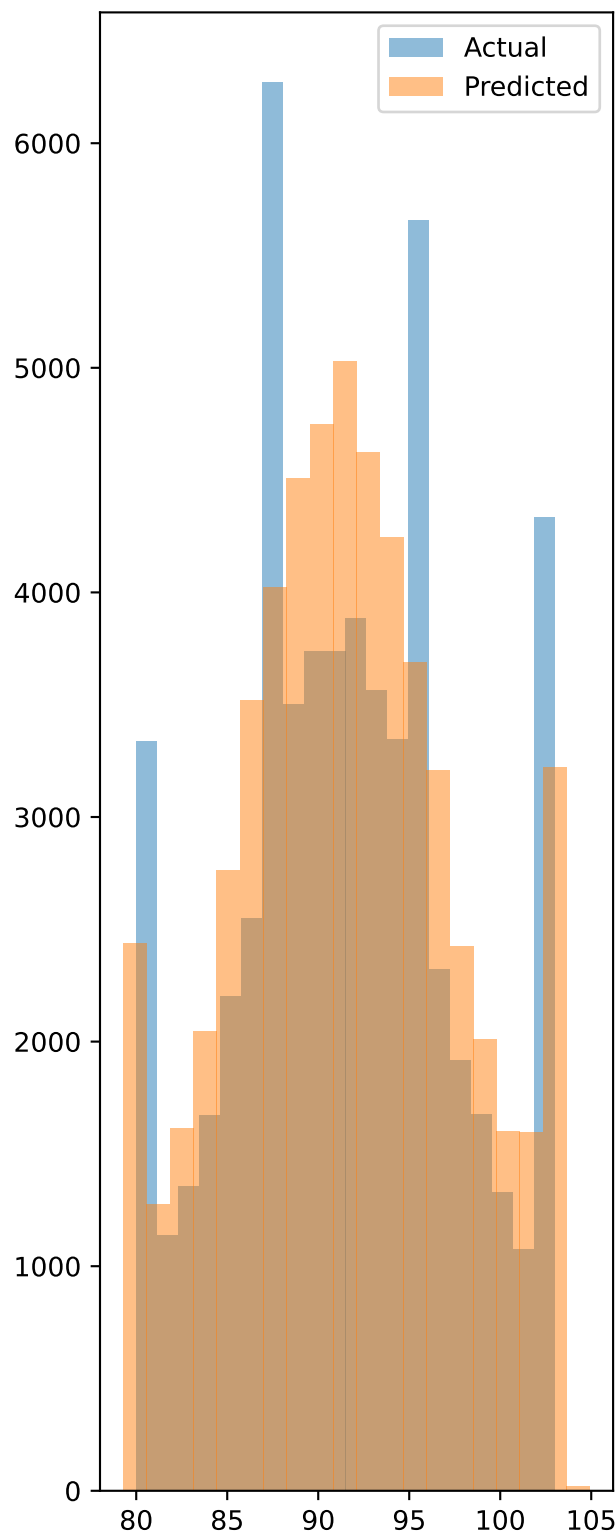
Distribution XGB model for  
Red Blood Cells  
Asian group  
R2 score: 0.99  
Wasserstein Distance: 0.01



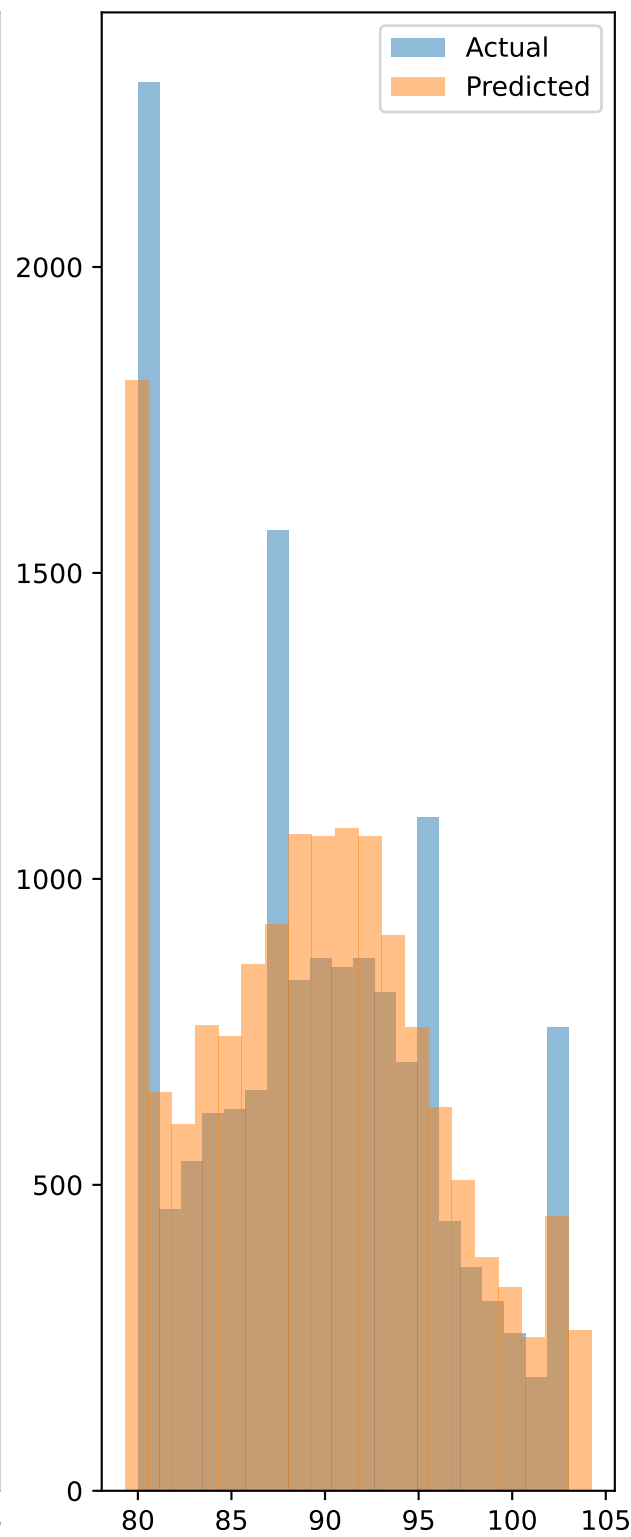
Distribution XGB model for  
Red Blood Cells  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.01



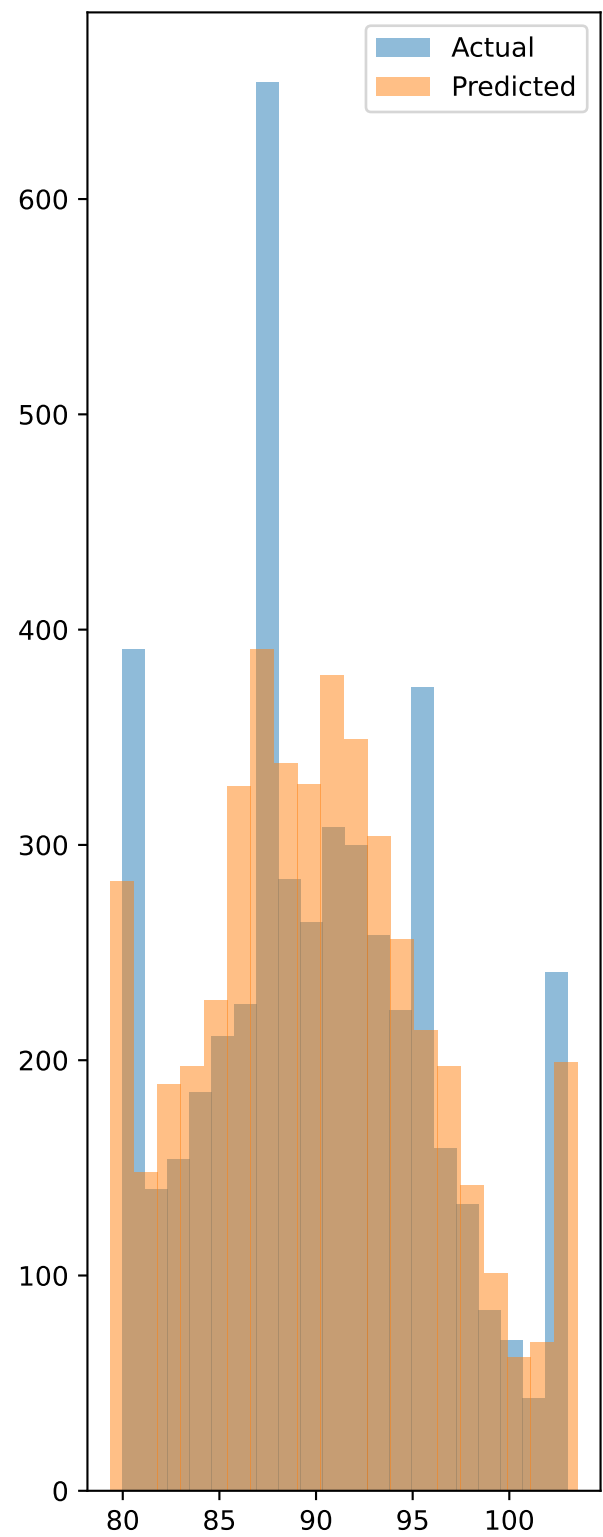
Distribution XGB model for  
MCV  
White group  
R2 score: 0.99  
Wasserstein Distance: 0.24



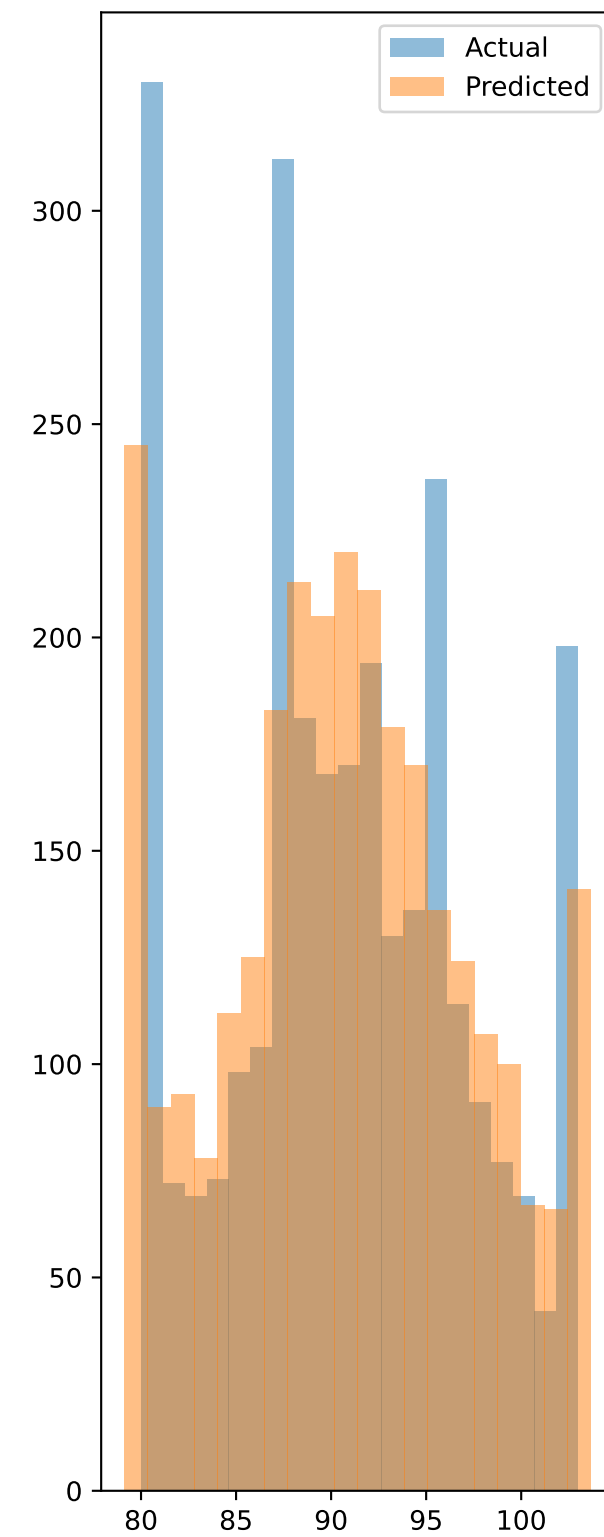
Distribution XGB model for  
MCV  
Black group  
R2 score: 0.99  
Wasserstein Distance: 0.24



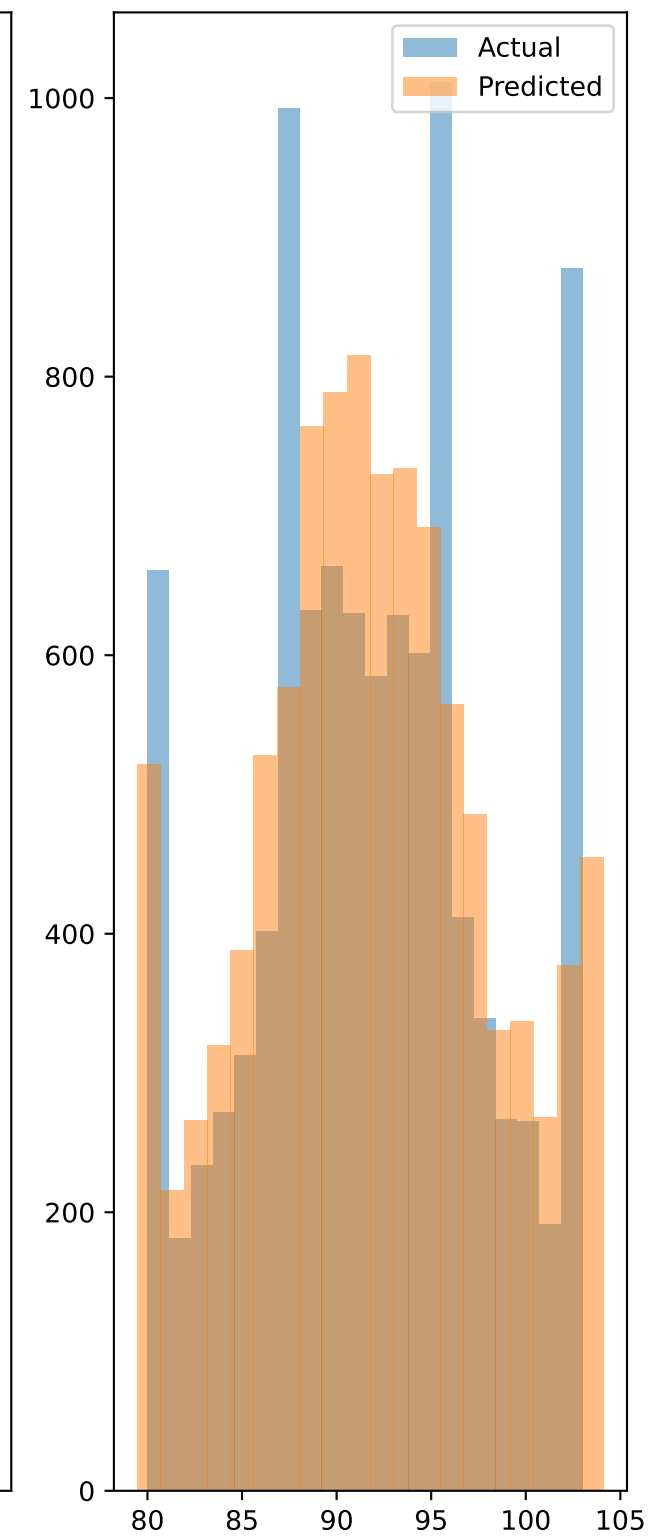
Distribution XGB model for  
MCV  
Hispanic group  
R2 score: 0.99  
Wasserstein Distance: 0.25



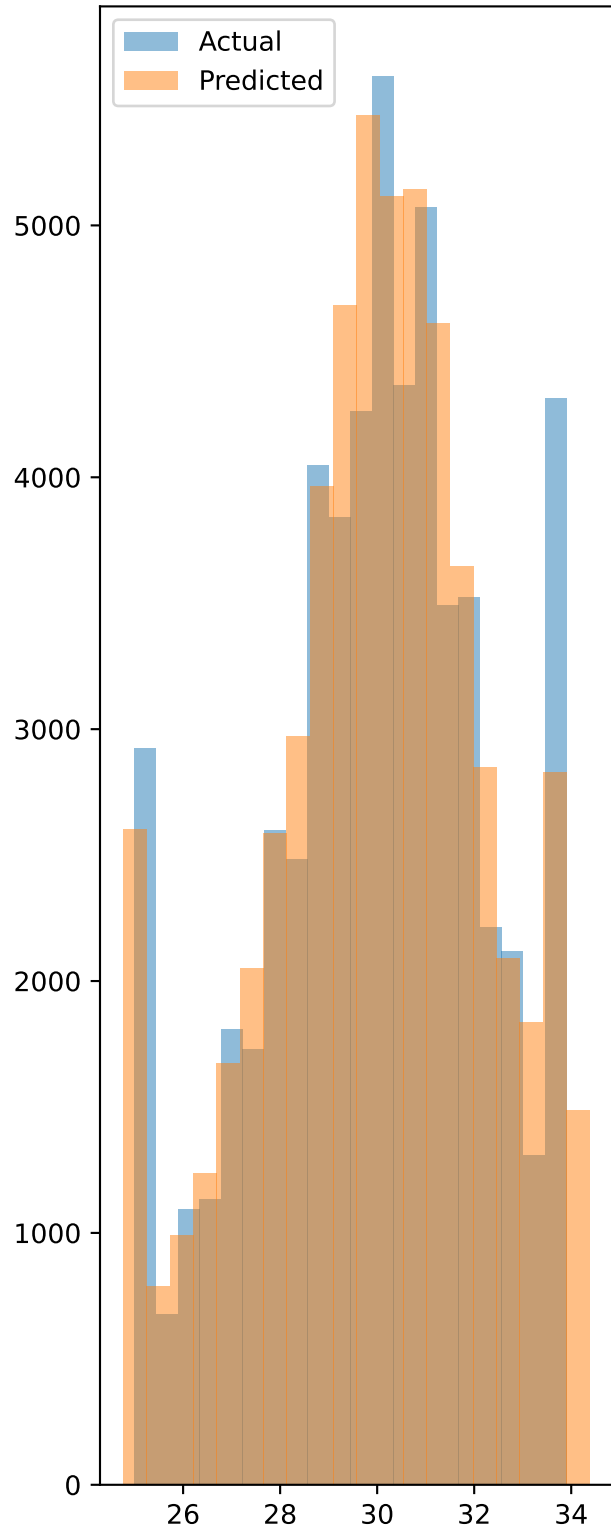
Distribution XGB model for  
MCV  
Asian group  
R2 score: 0.99  
Wasserstein Distance: 0.24



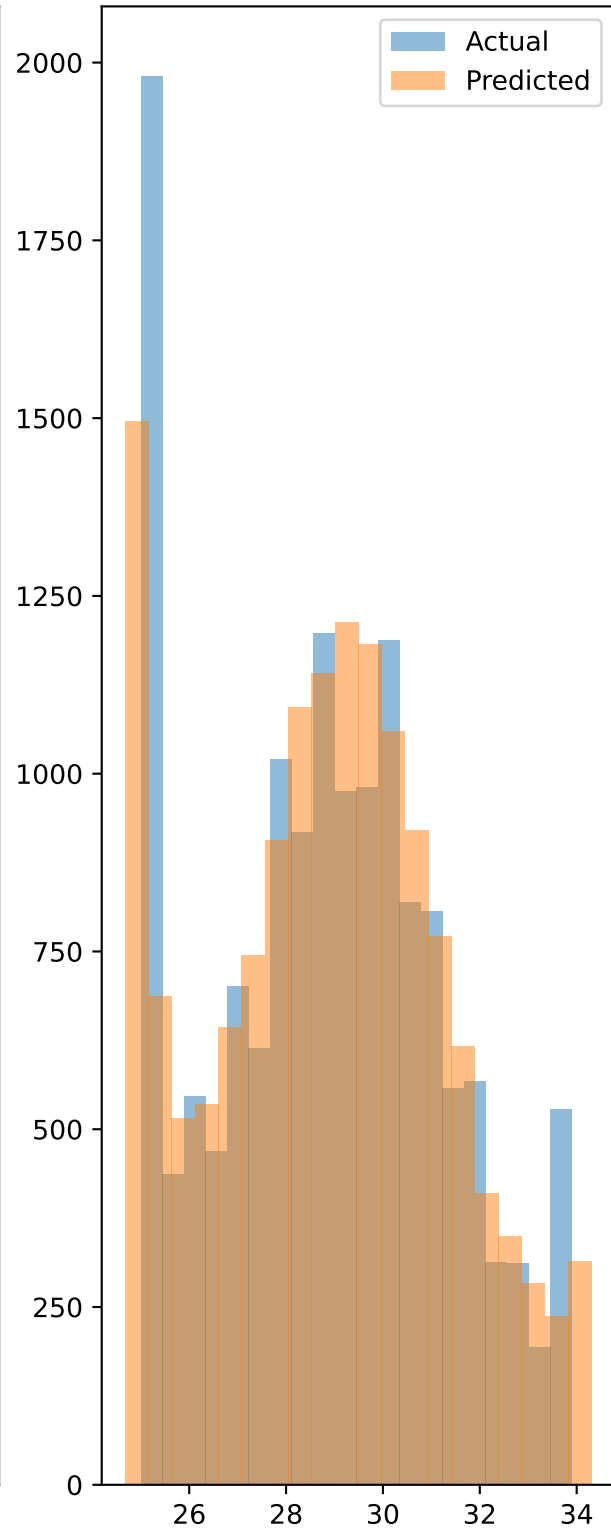
Distribution XGB model for  
MCV  
Others group  
R2 score: 0.99  
Wasserstein Distance: 0.24



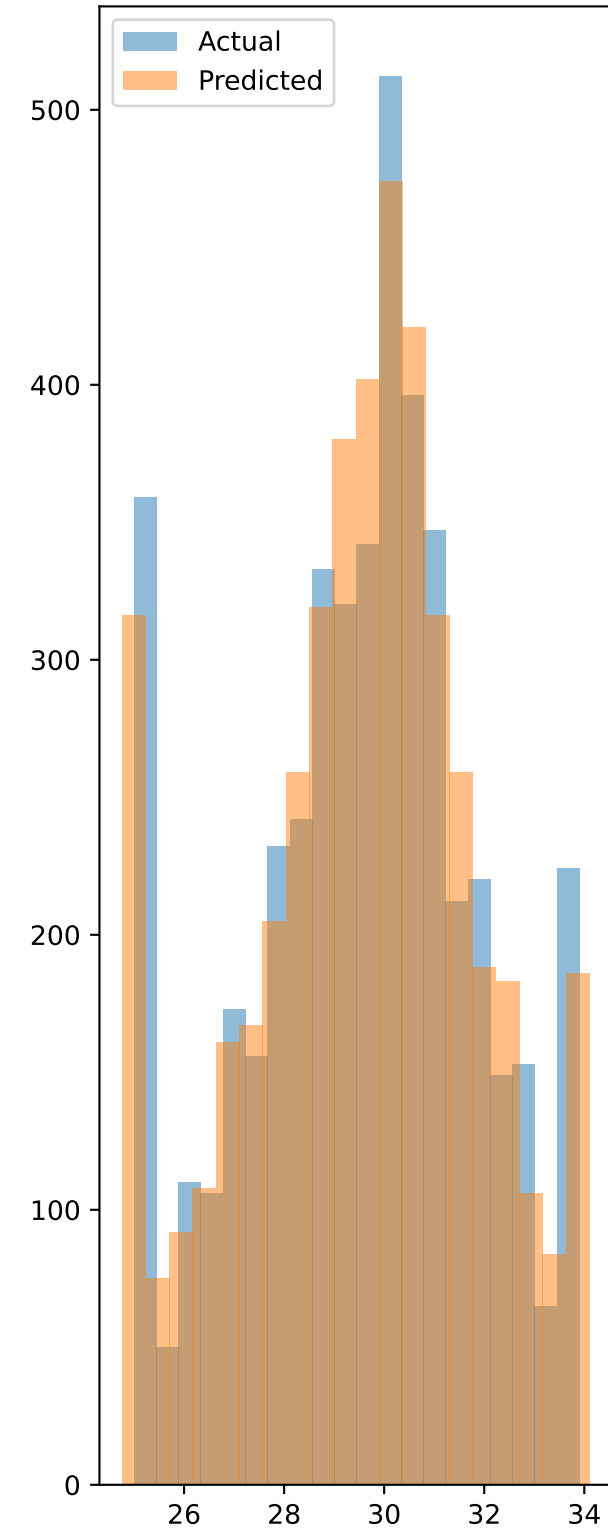
Distribution XGB model for  
MCH  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.03



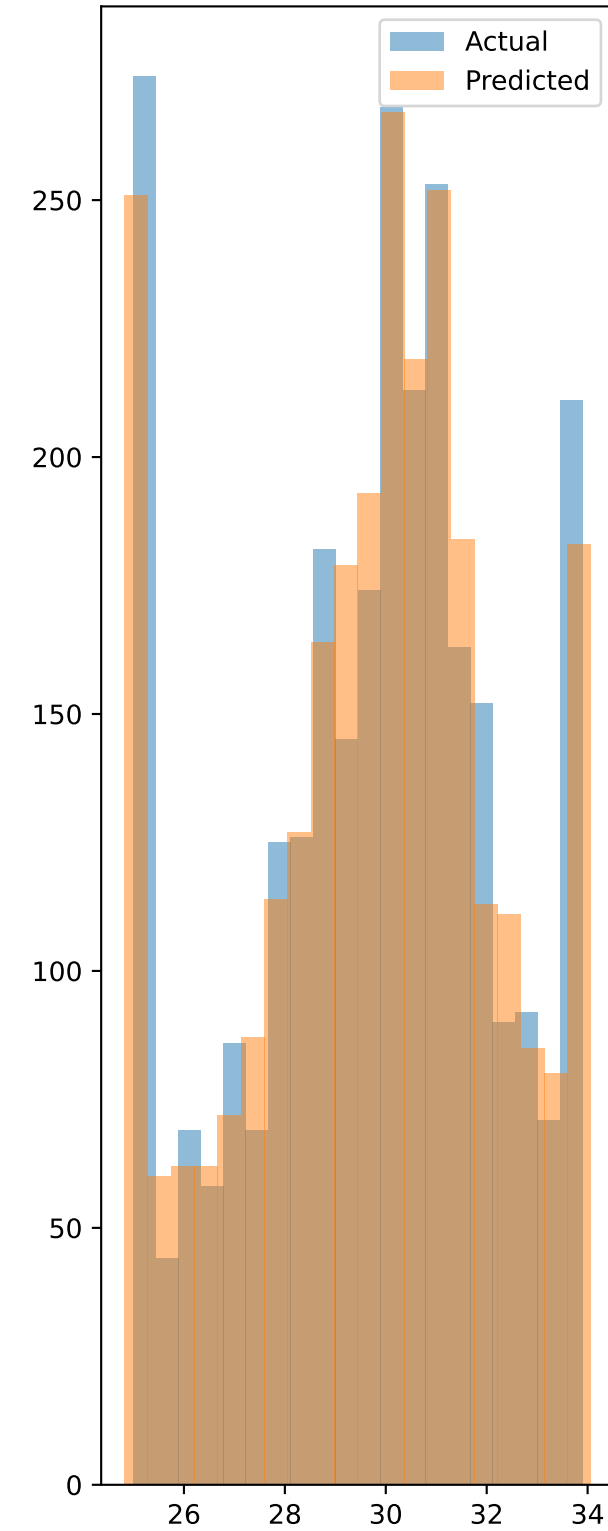
Distribution XGB model for  
MCH  
Black group  
R2 score: 1.00  
Wasserstein Distance: 0.03



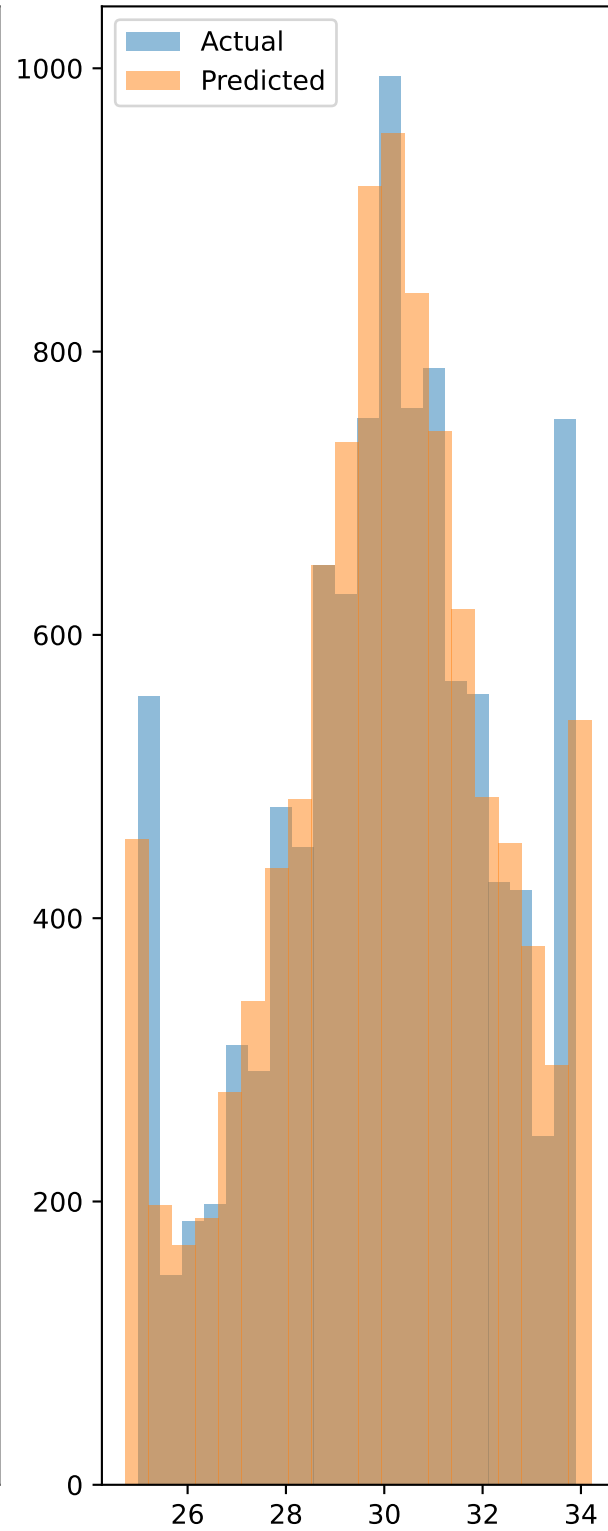
Distribution XGB model for  
MCH  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.03



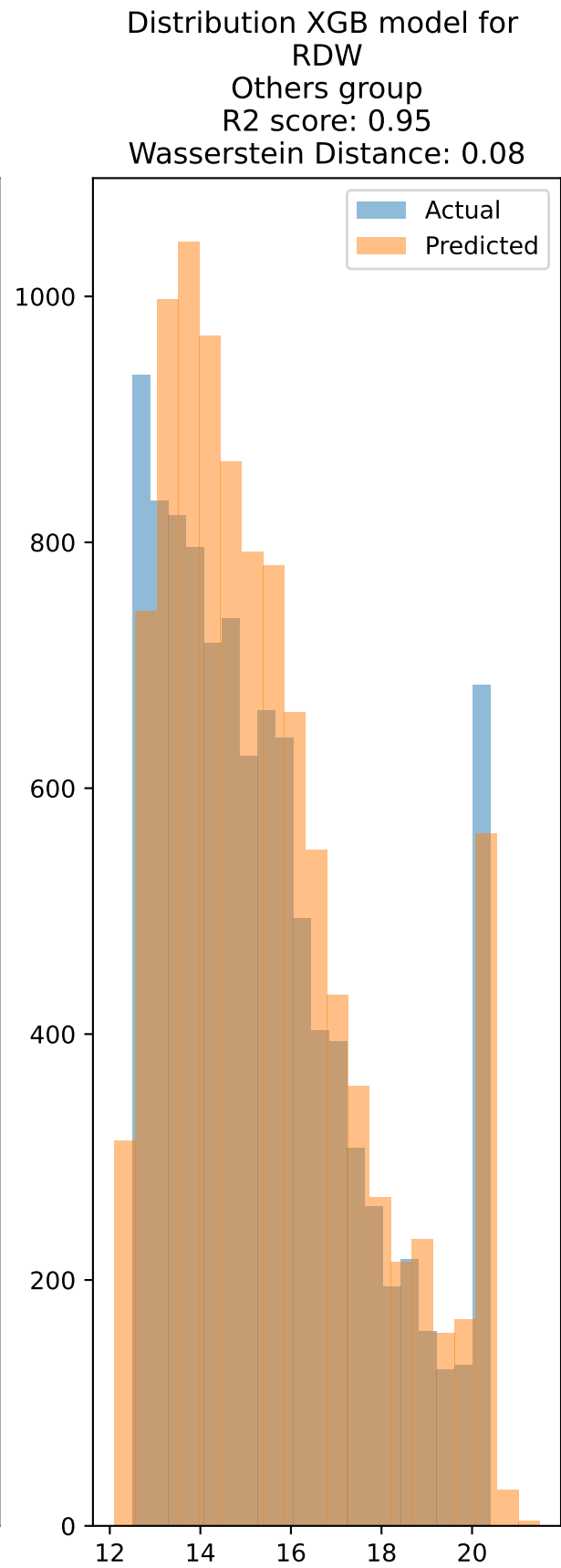
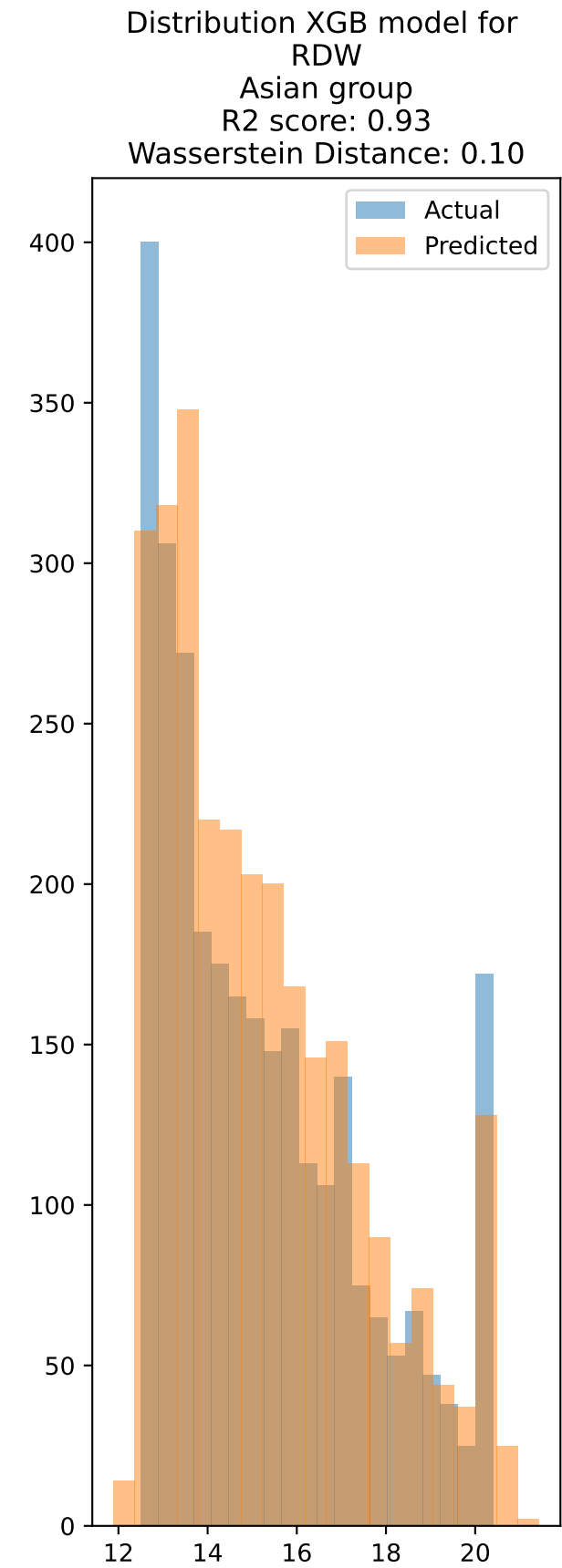
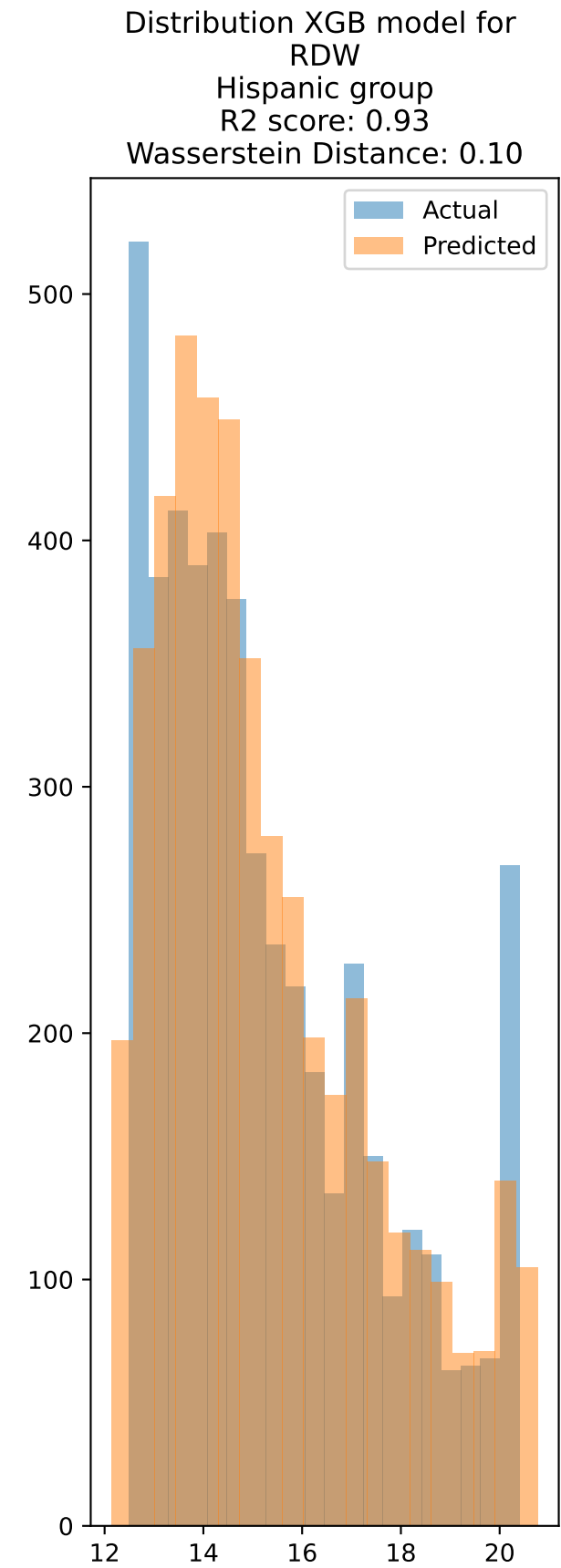
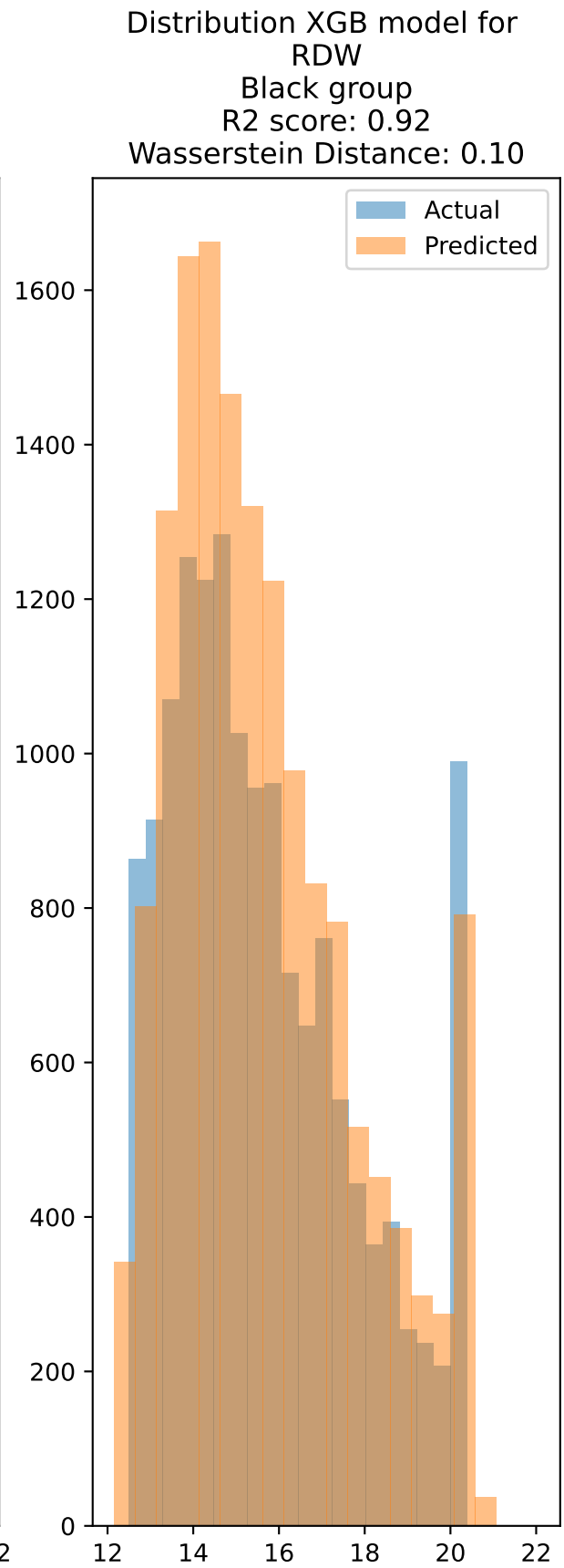
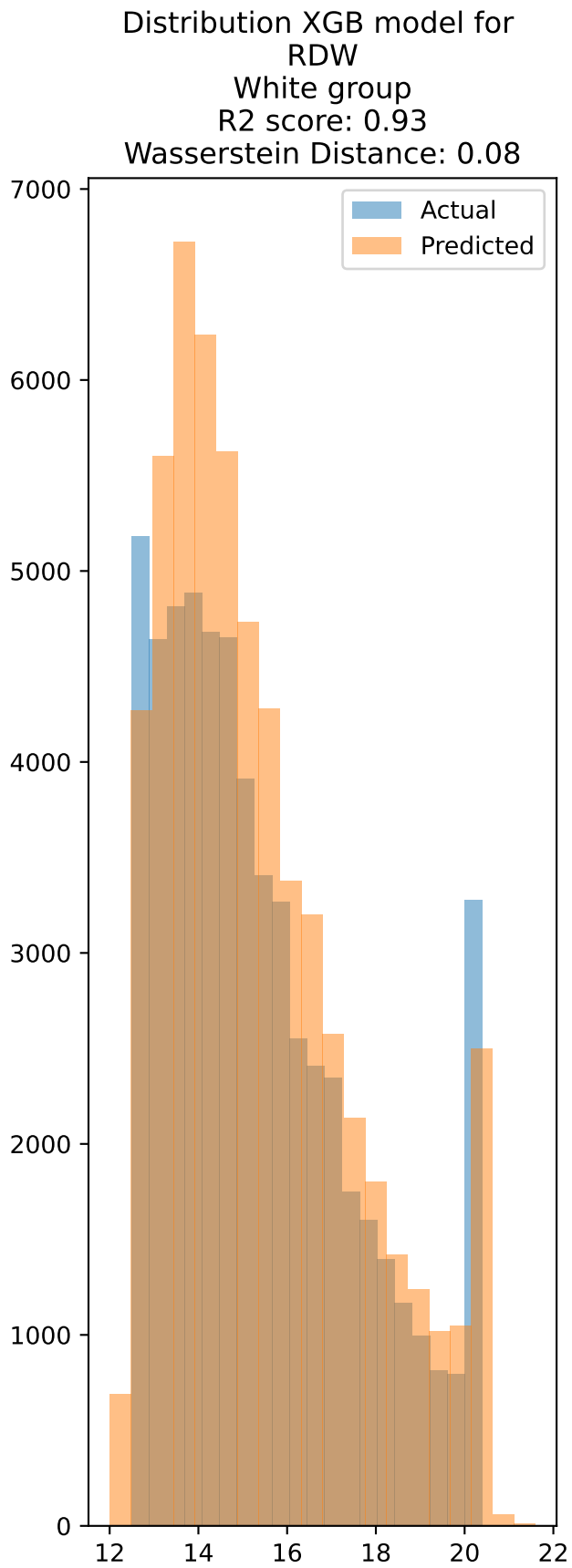
Distribution XGB model for  
MCH  
Asian group  
R2 score: 1.00  
Wasserstein Distance: 0.03



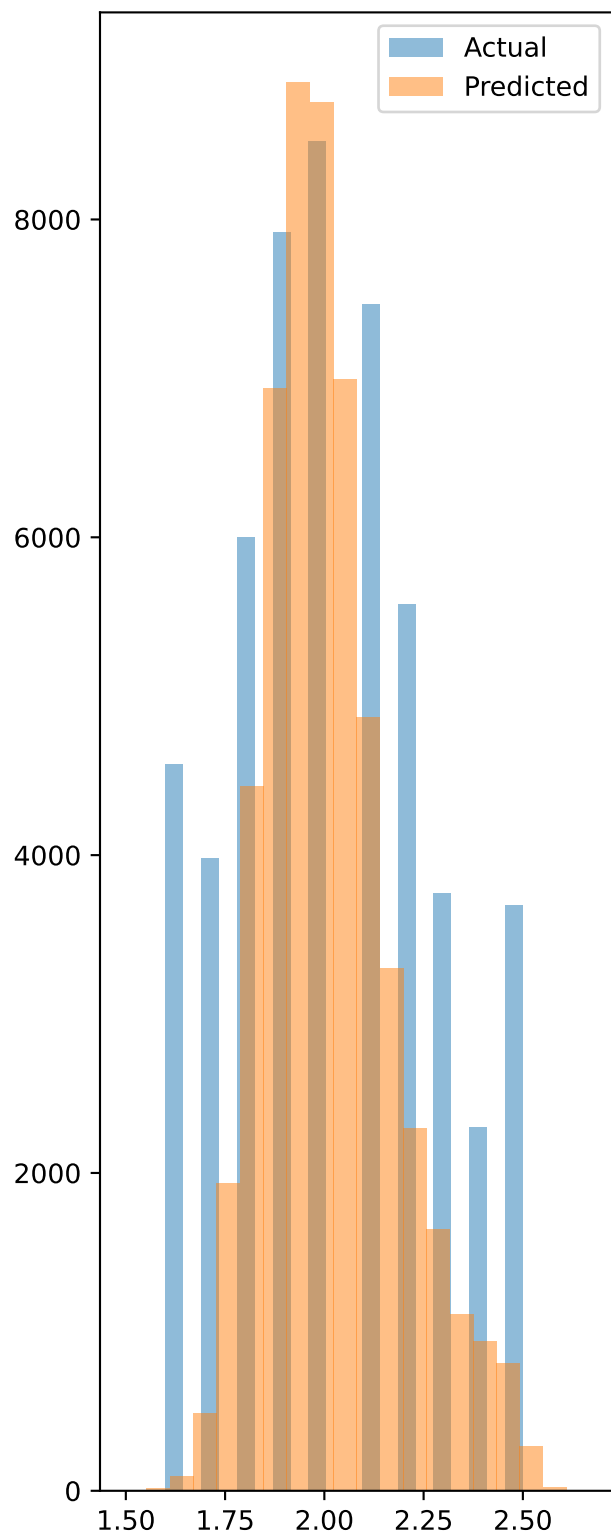
Distribution XGB model for  
MCH  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.03



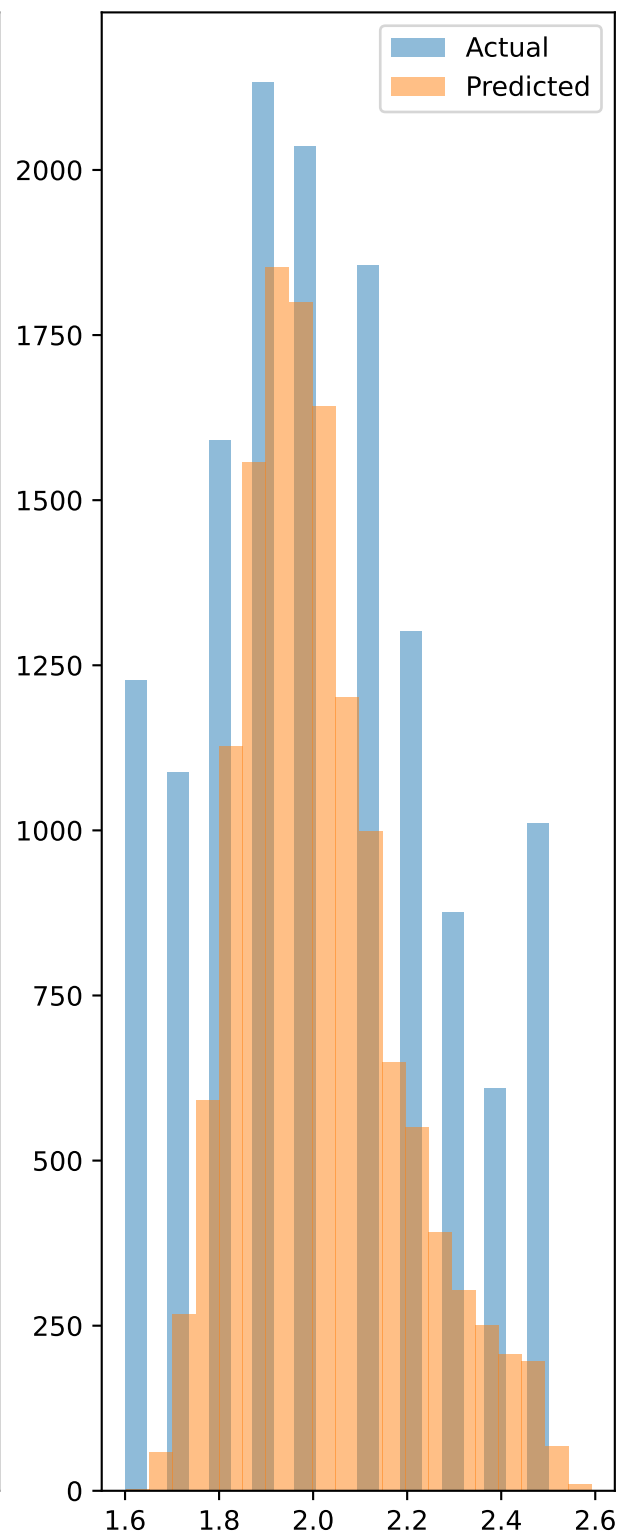




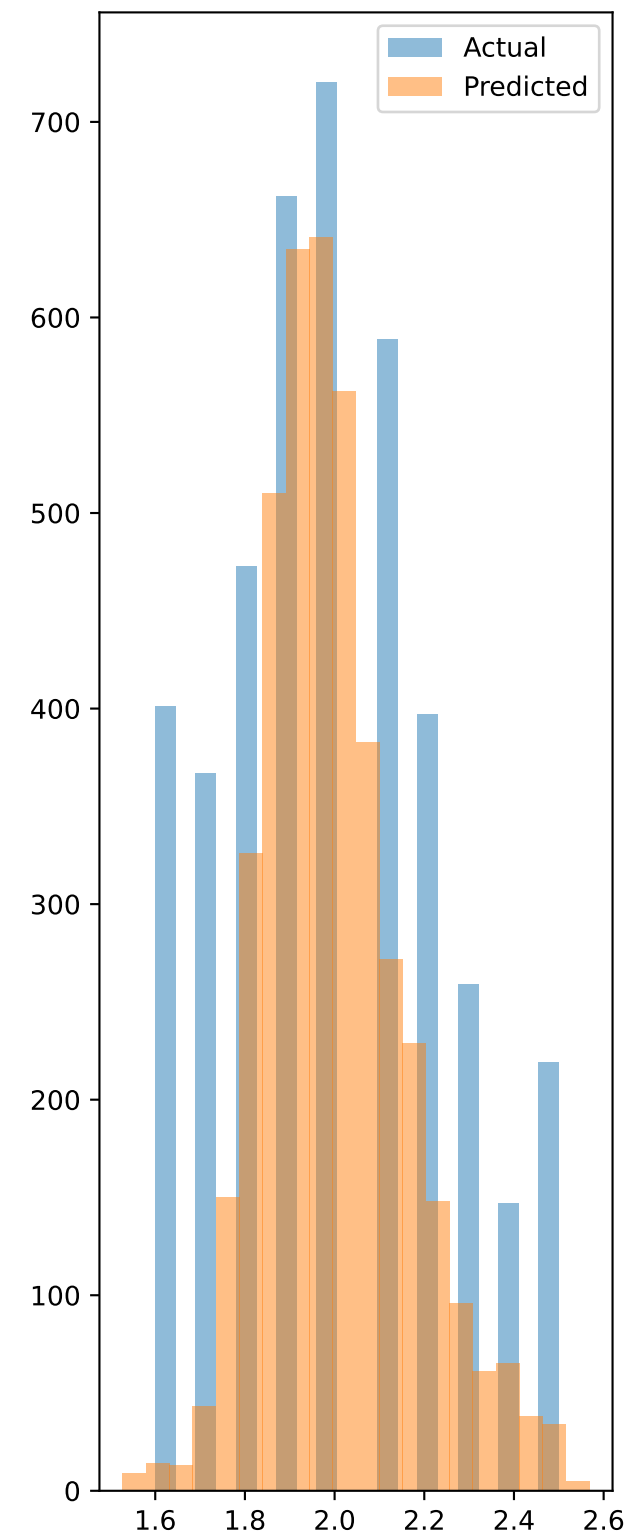
Distribution XGB model for  
Magnesium  
White group  
R2 score: 0.45  
Wasserstein Distance: 0.08



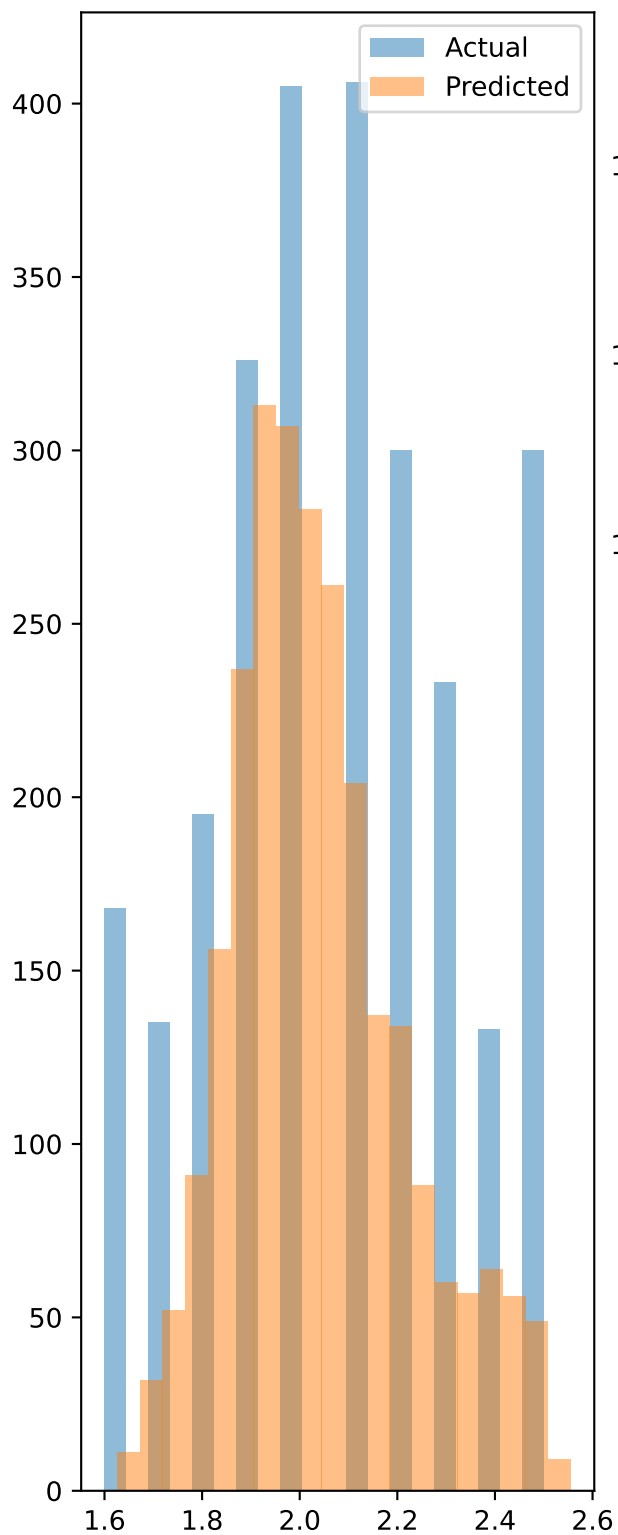
Distribution XGB model for  
Magnesium  
Black group  
R2 score: 0.47  
Wasserstein Distance: 0.08



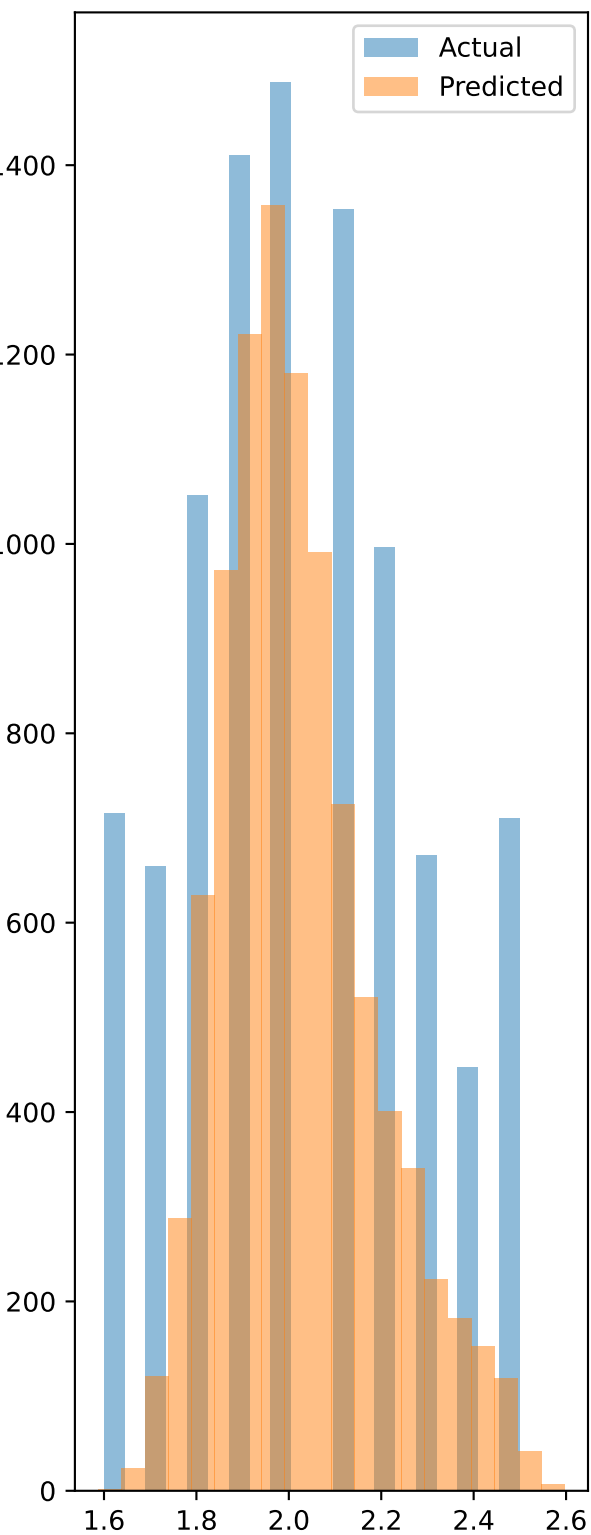
Distribution XGB model for  
Magnesium  
Hispanic group  
R2 score: 0.40  
Wasserstein Distance: 0.08



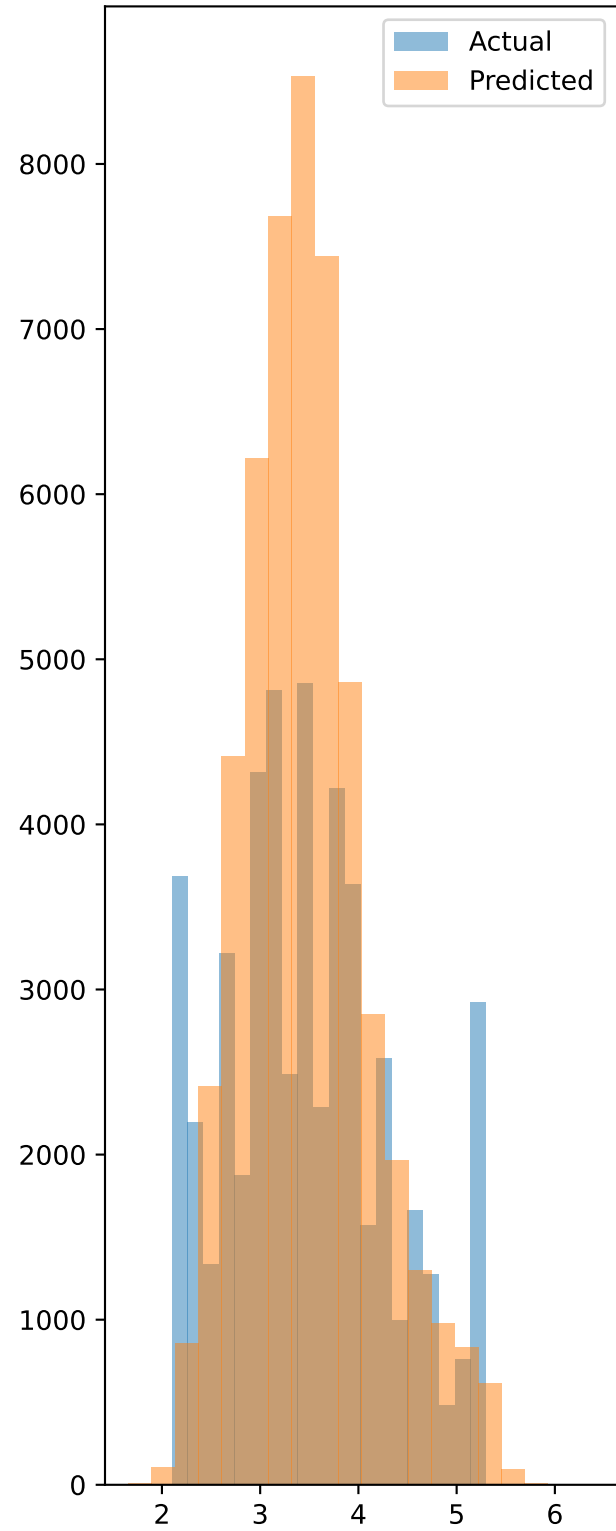
Distribution XGB model for  
Magnesium  
Asian group  
R2 score: 0.47  
Wasserstein Distance: 0.08



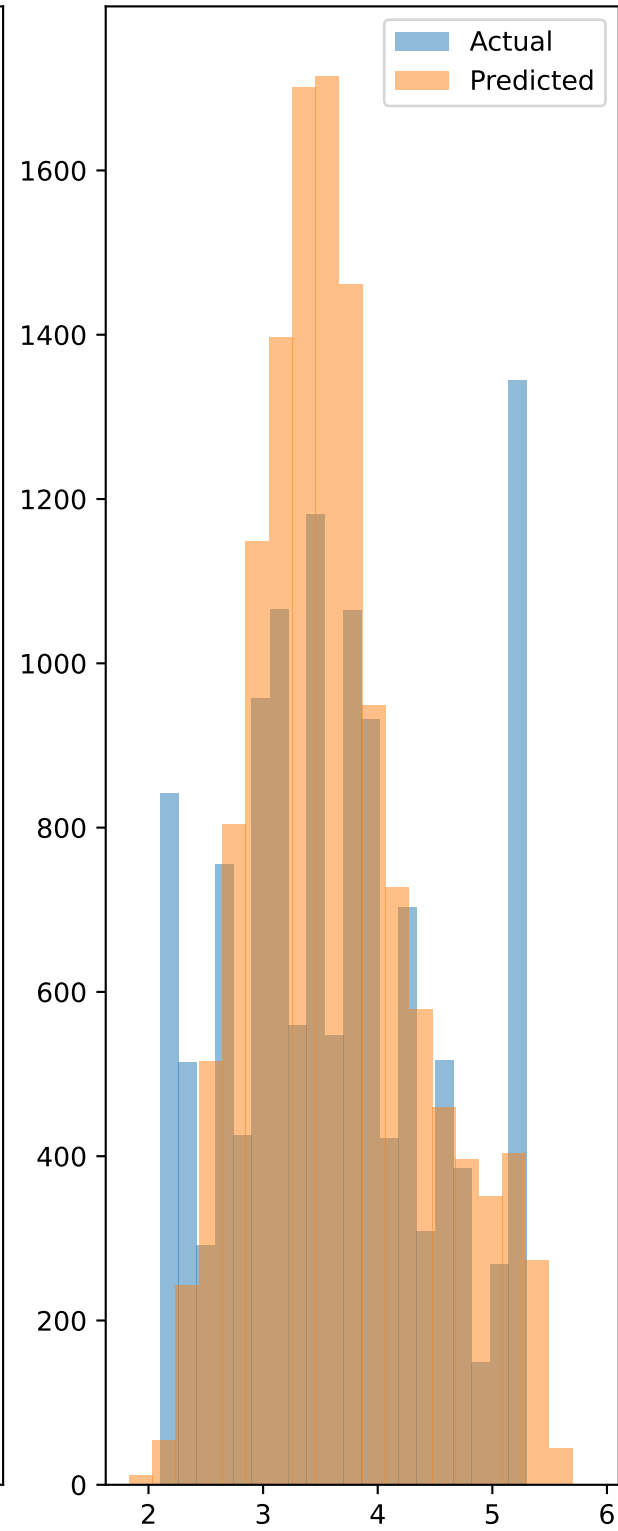
Distribution XGB model for  
Magnesium  
Others group  
R2 score: 0.46  
Wasserstein Distance: 0.08



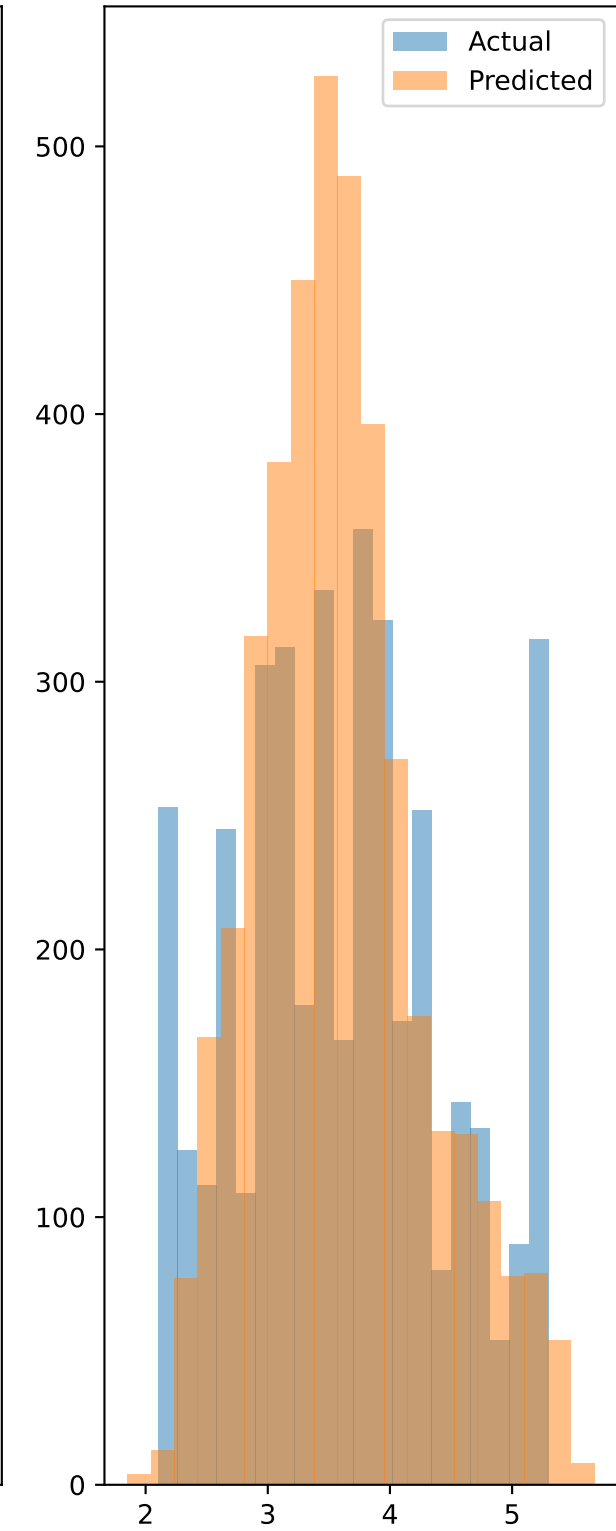
Distribution XGB model for  
Phosphate  
White group  
R2 score: 0.60  
Wasserstein Distance: 0.19



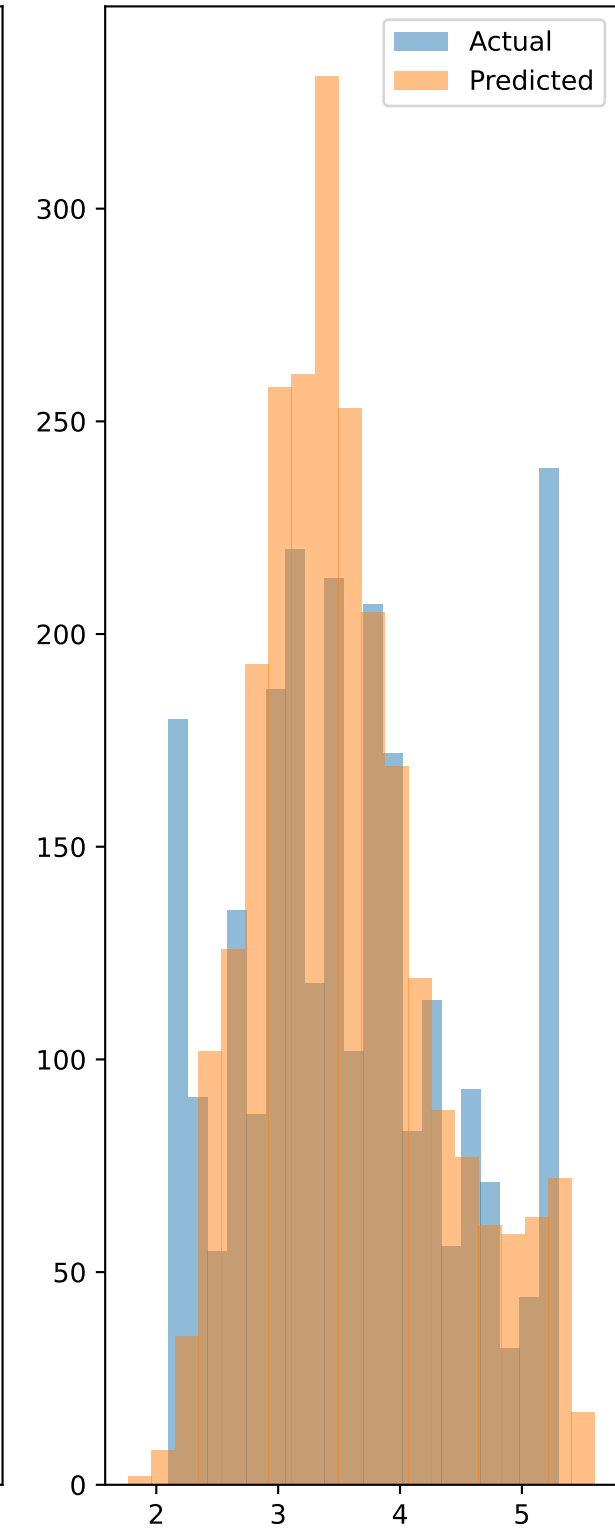
Distribution XGB model for  
Phosphate  
Black group  
R2 score: 0.65  
Wasserstein Distance: 0.19



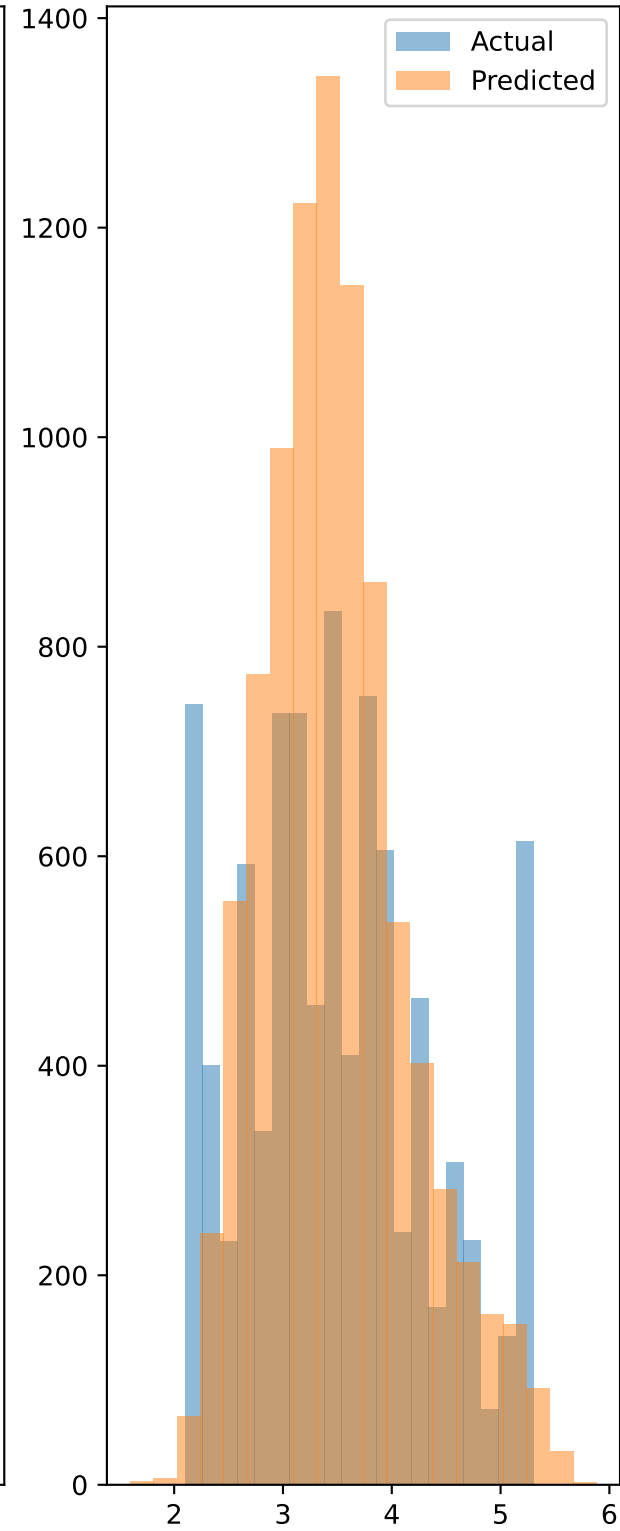
Distribution XGB model for  
Phosphate  
Hispanic group  
R2 score: 0.60  
Wasserstein Distance: 0.19



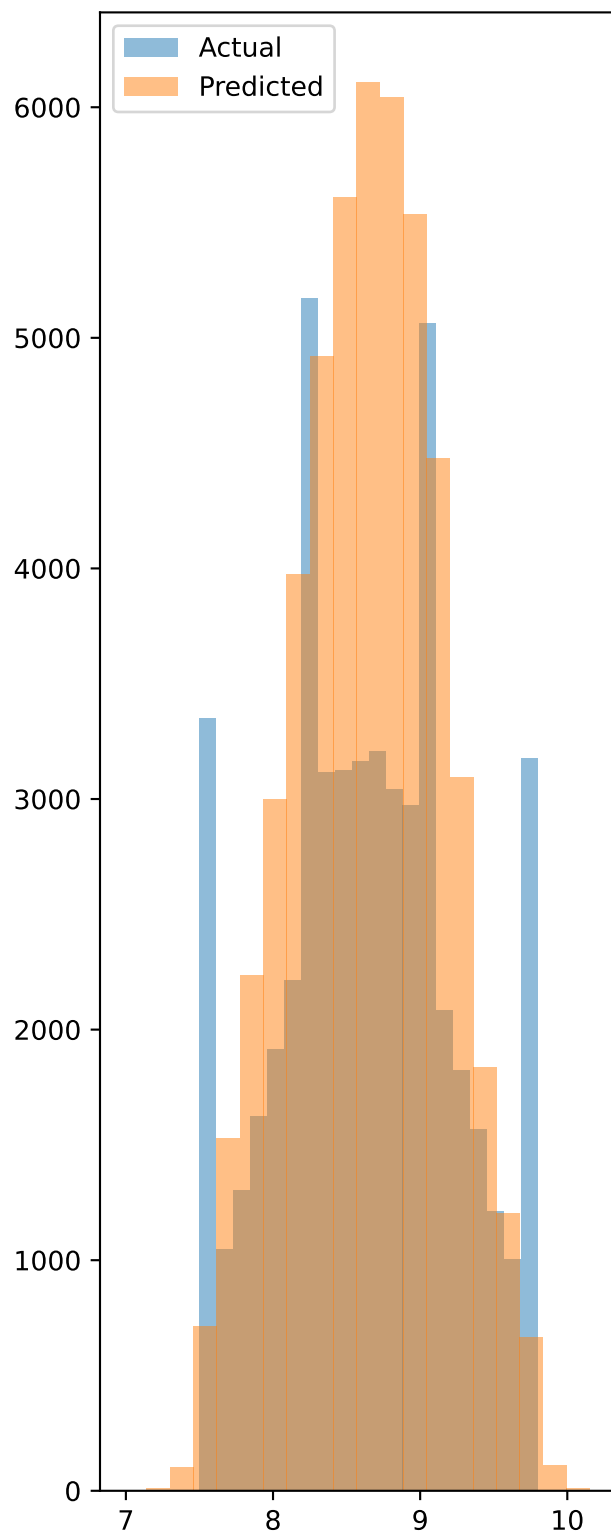
Distribution XGB model for  
Phosphate  
Asian group  
R2 score: 0.65  
Wasserstein Distance: 0.17



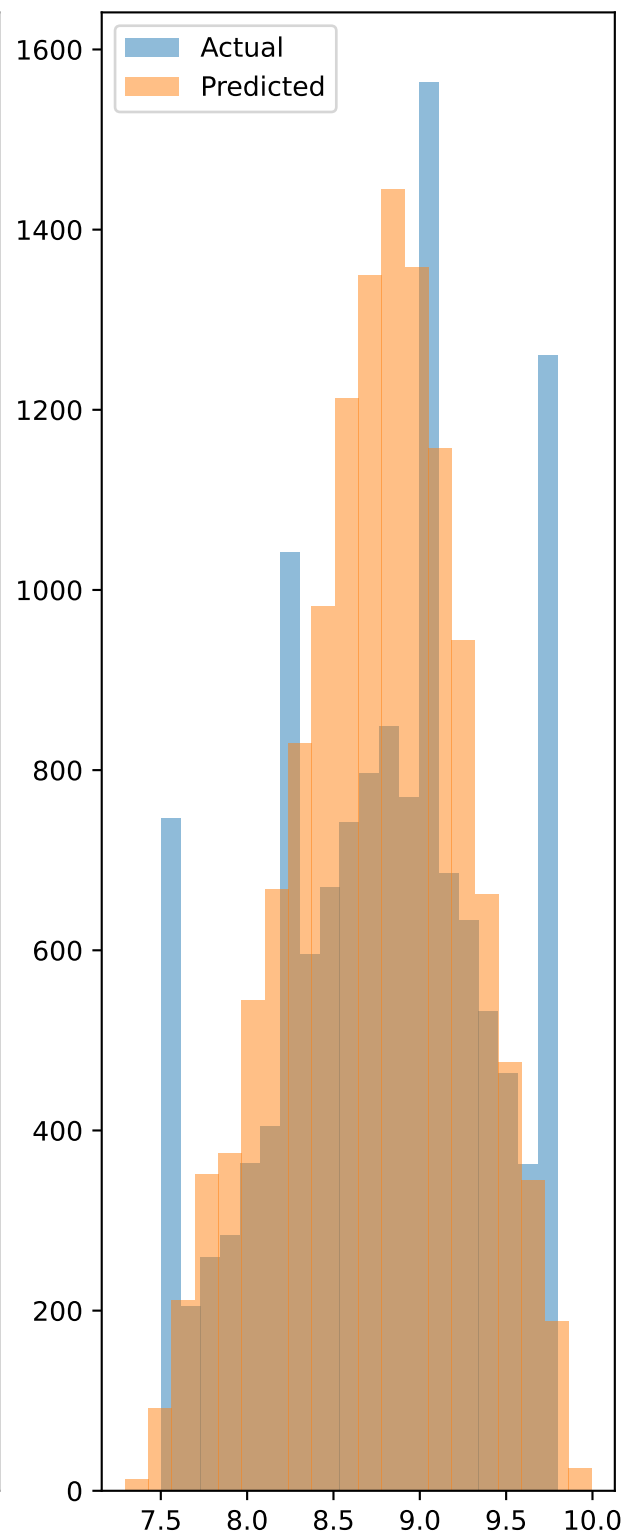
Distribution XGB model for  
Phosphate  
Others group  
R2 score: 0.62  
Wasserstein Distance: 0.19



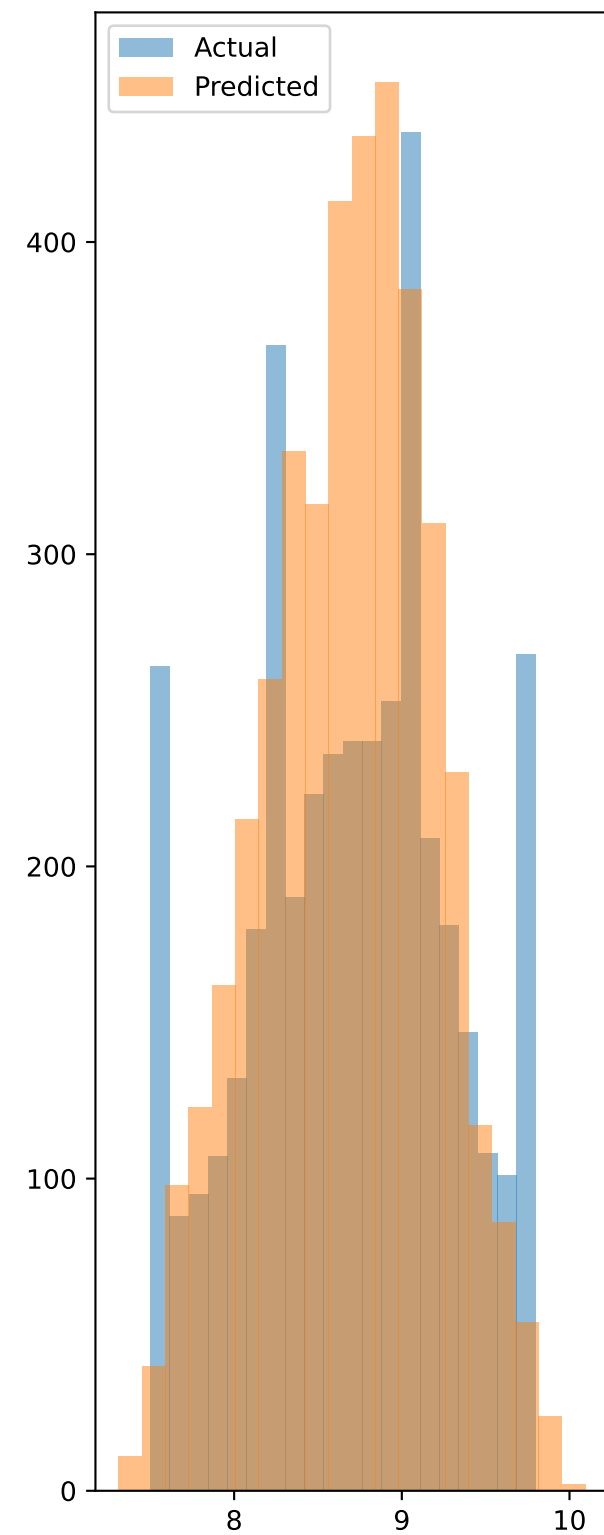
Distribution XGB model for  
Calcium, Total  
White group  
R2 score: 0.69  
Wasserstein Distance: 0.10



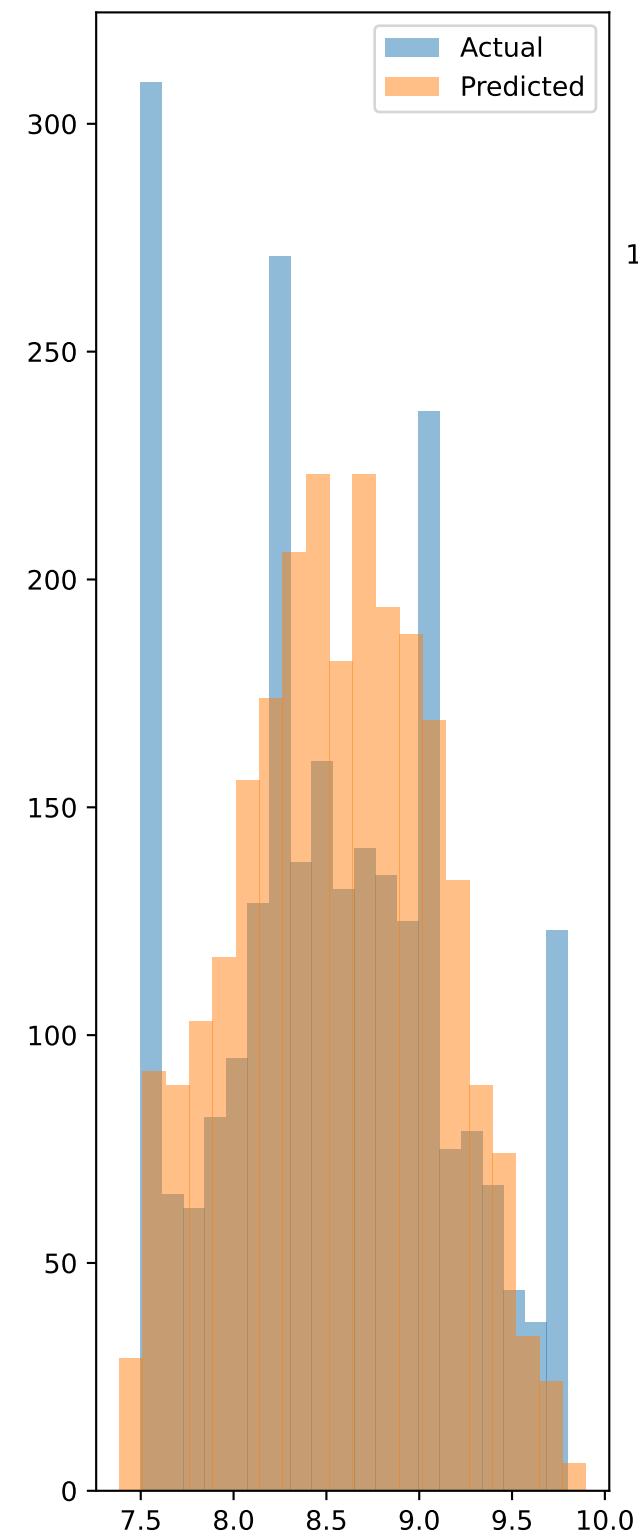
Distribution XGB model for  
Calcium, Total  
Black group  
R2 score: 0.66  
Wasserstein Distance: 0.11



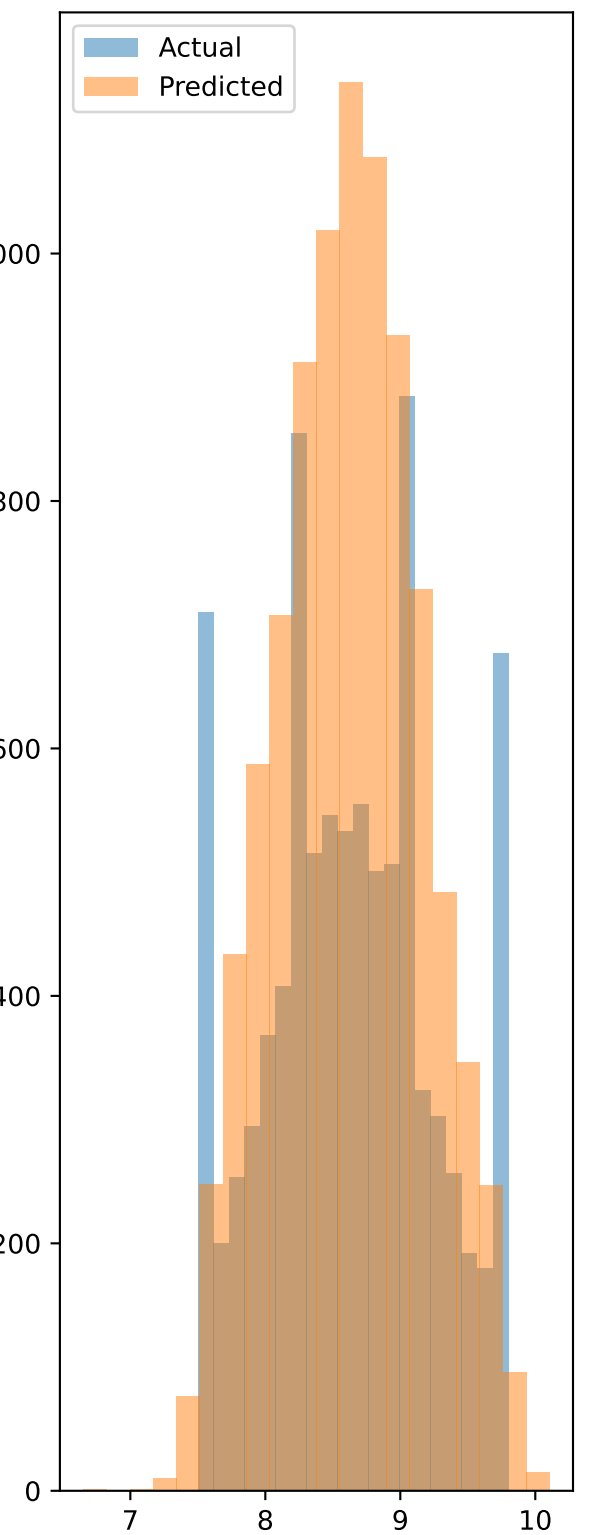
Distribution XGB model for  
Calcium, Total  
Hispanic group  
R2 score: 0.68  
Wasserstein Distance: 0.10



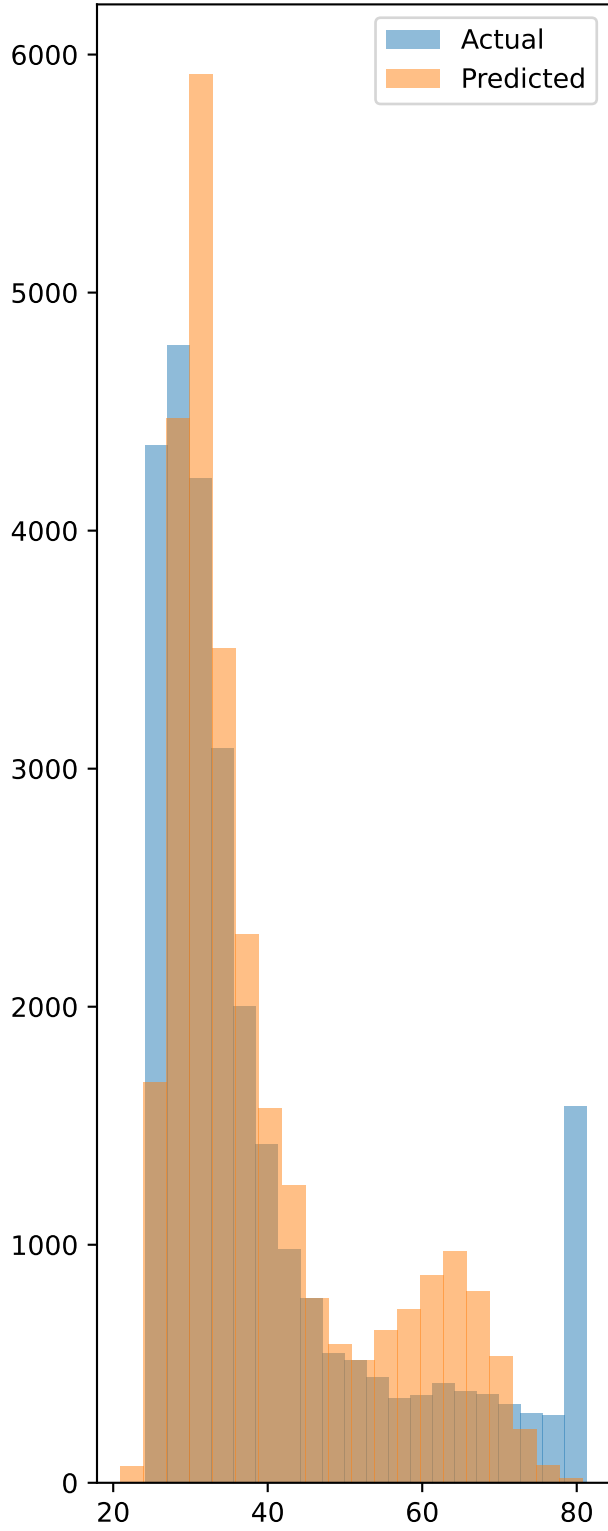
Distribution XGB model for  
Calcium, Total  
Asian group  
R2 score: 0.71  
Wasserstein Distance: 0.10



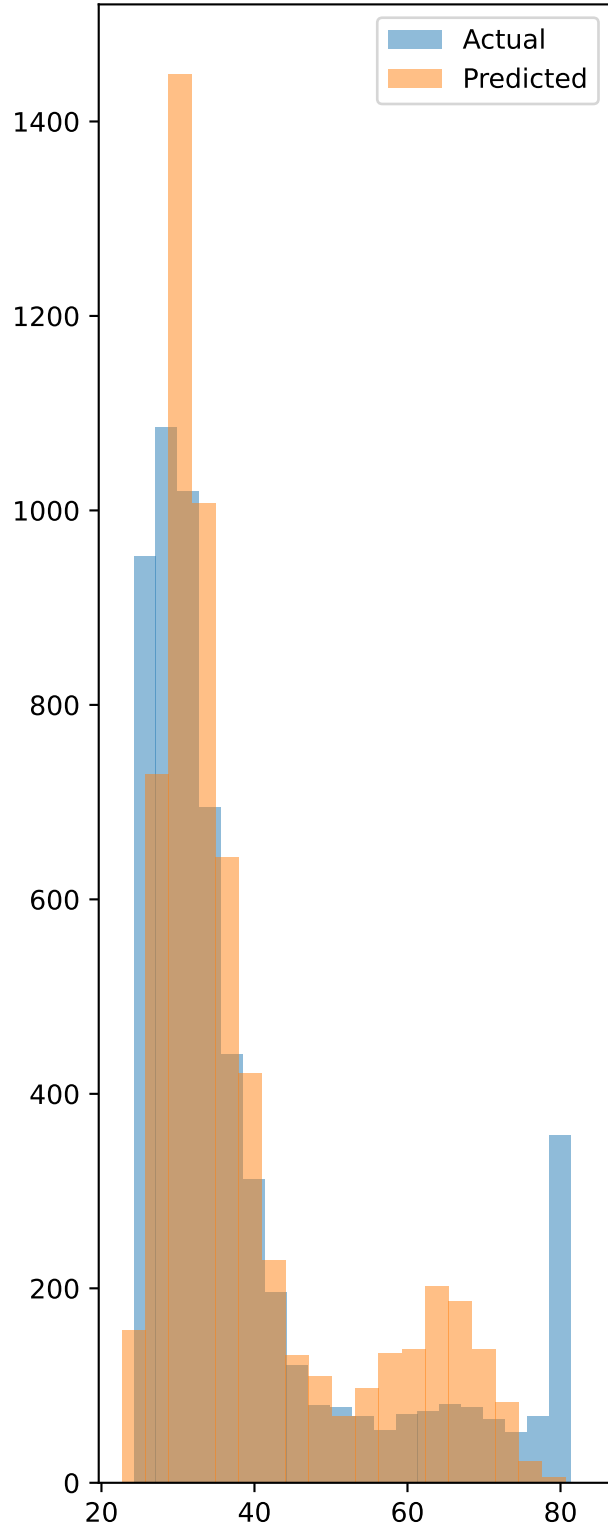
Distribution XGB model for  
Calcium, Total  
Others group  
R2 score: 0.71  
Wasserstein Distance: 0.09



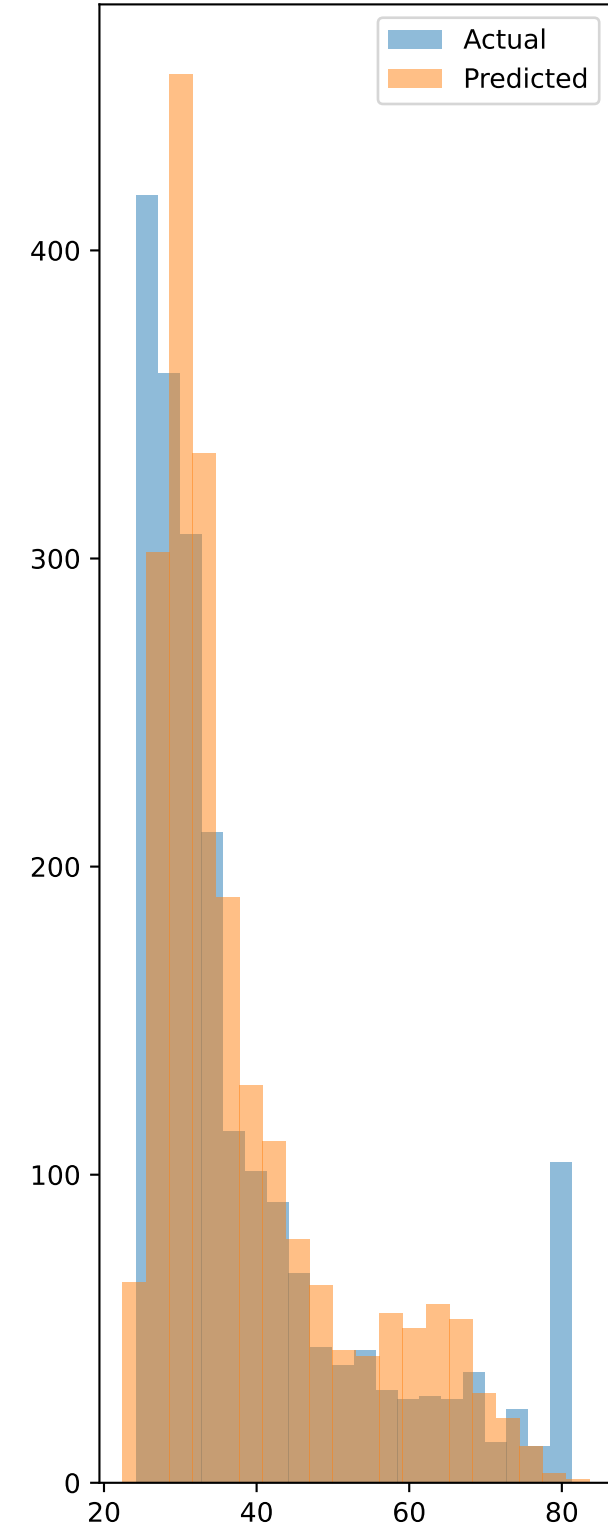
Distribution XGB model for PTT  
White group  
R2 score: 0.65  
Wasserstein Distance: 2.29



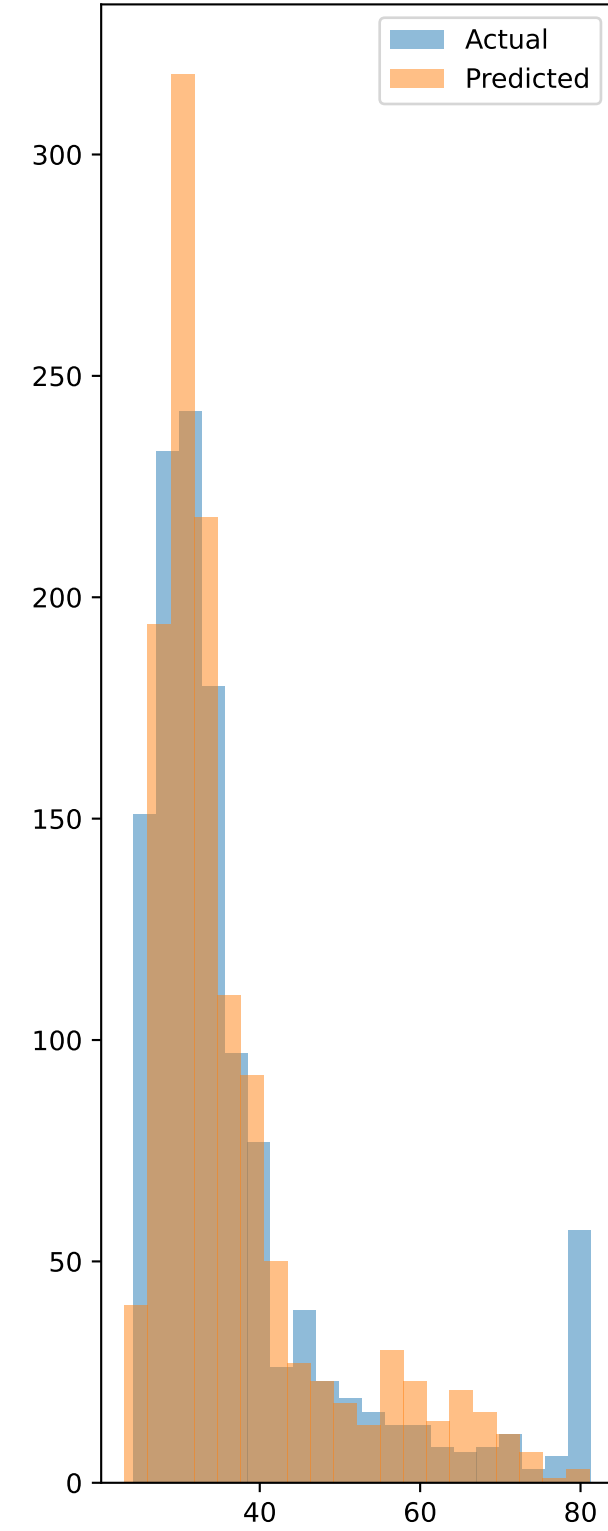
Distribution XGB model for PTT  
Black group  
R2 score: 0.66  
Wasserstein Distance: 2.23



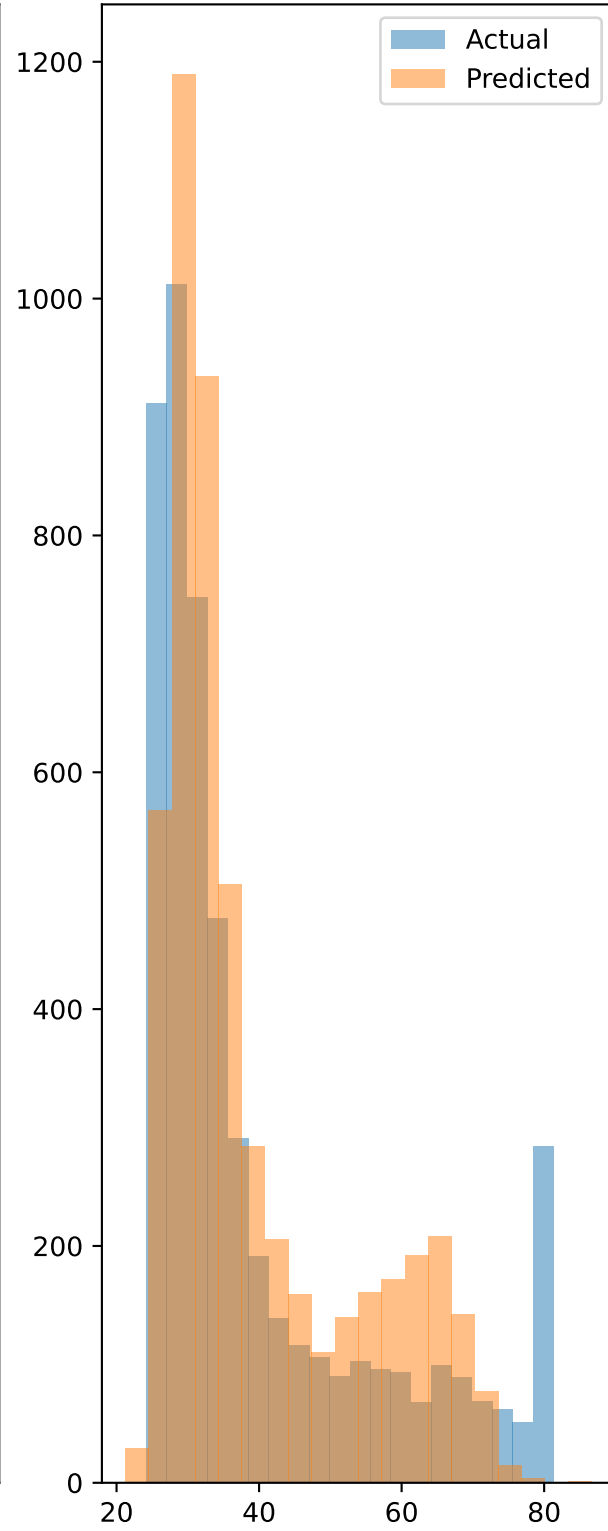
Distribution XGB model for PTT  
Hispanic group  
R2 score: 0.65  
Wasserstein Distance: 2.07



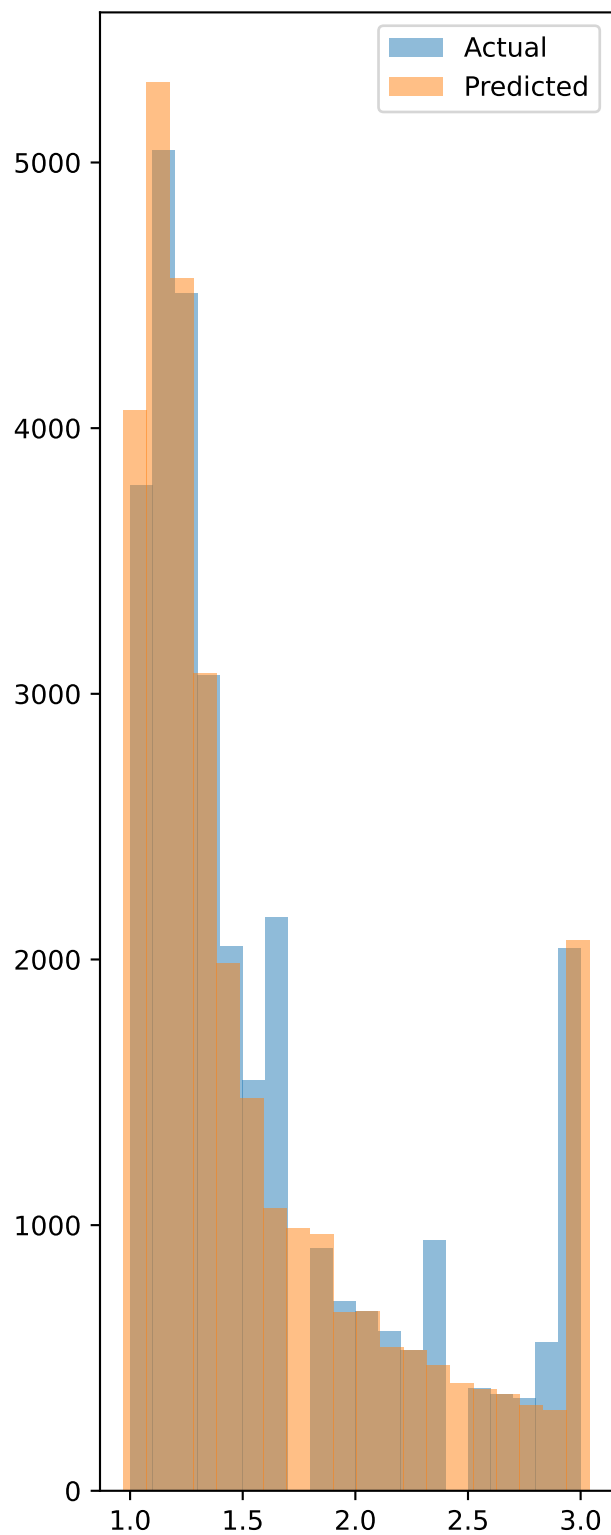
Distribution XGB model for PTT  
Asian group  
R2 score: 0.65  
Wasserstein Distance: 1.43



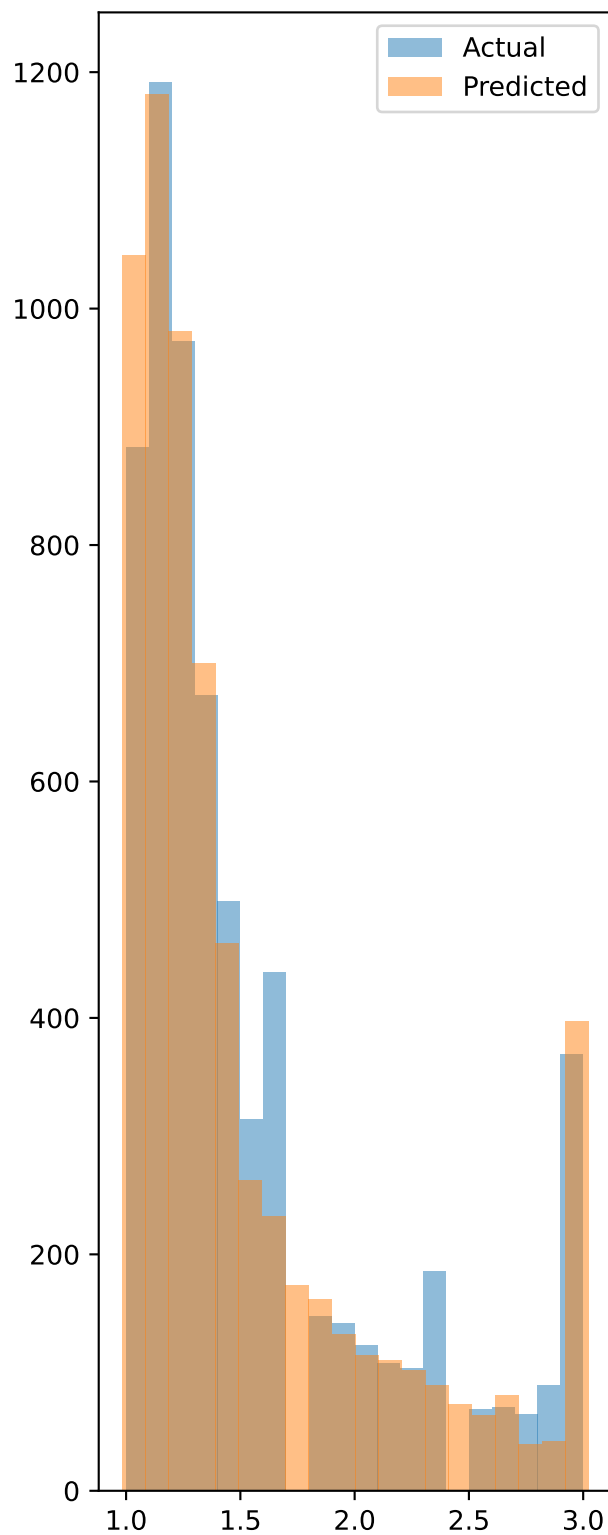
Distribution XGB model for PTT  
Others group  
R2 score: 0.70  
Wasserstein Distance: 2.37



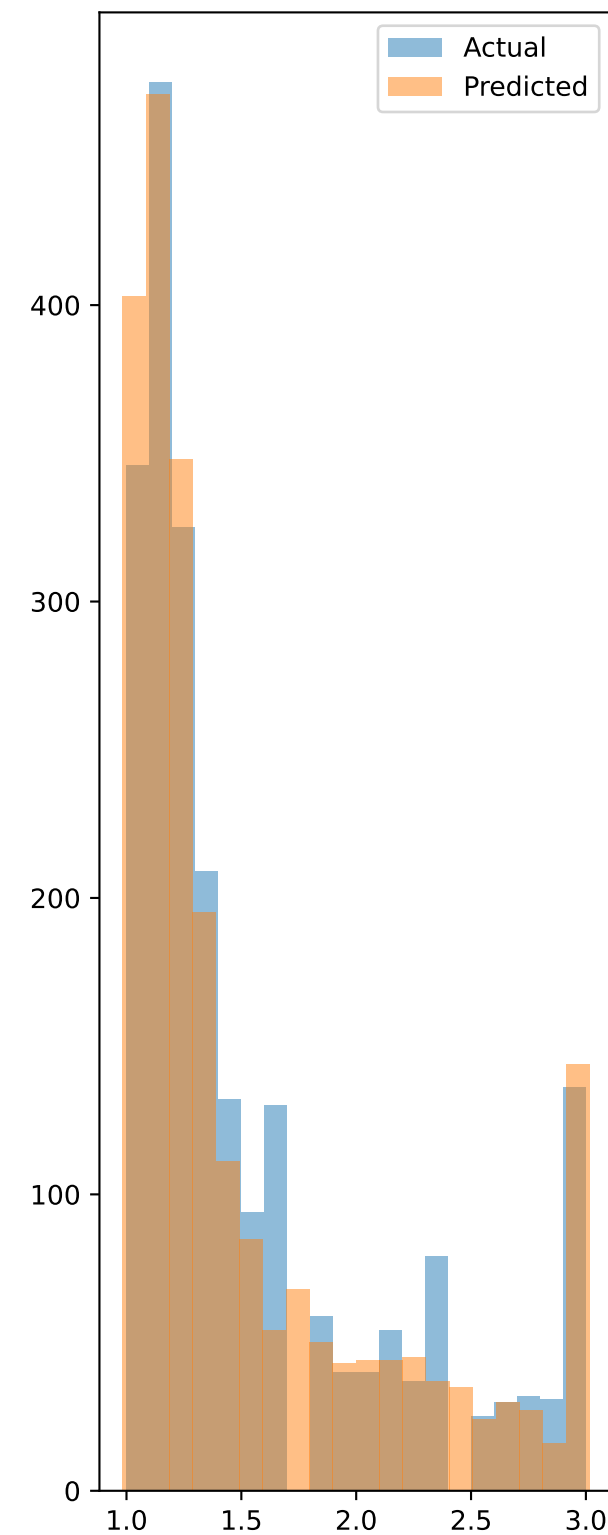
Distribution XGB model for  
INR(PT)  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.02



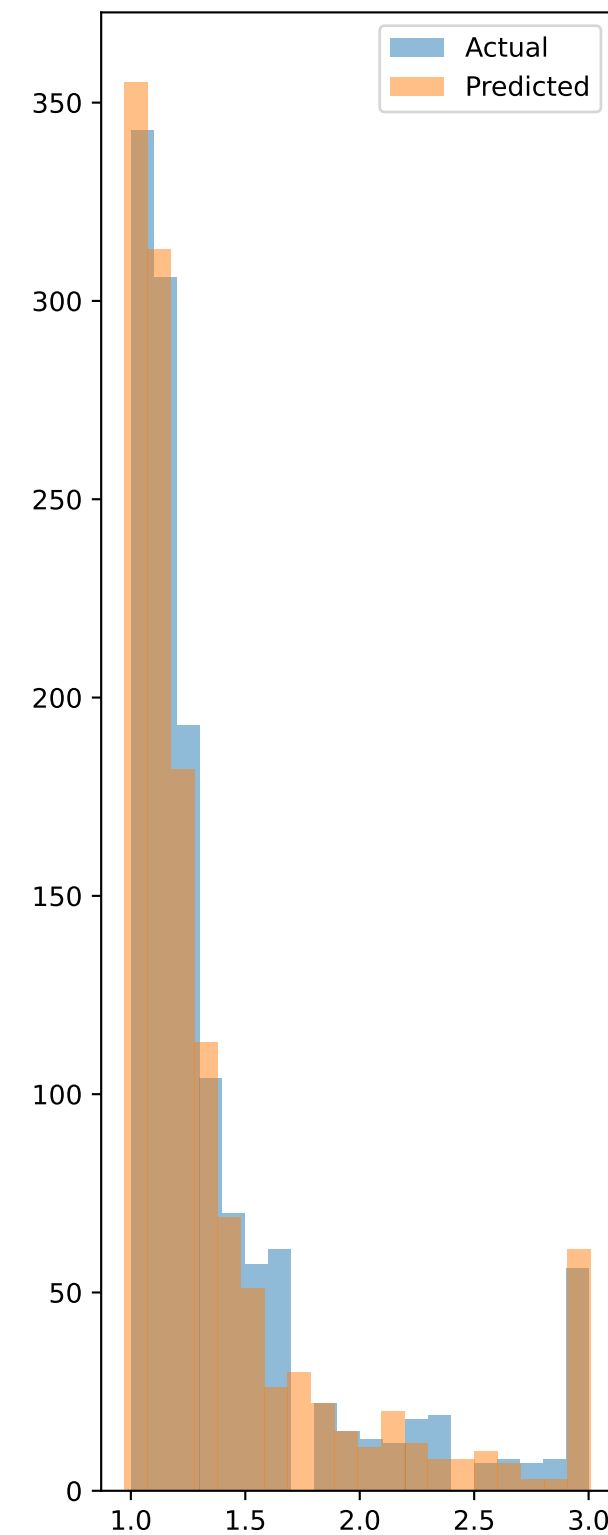
Distribution XGB model for  
INR(PT)  
Black group  
R2 score: 1.00  
Wasserstein Distance: 0.02



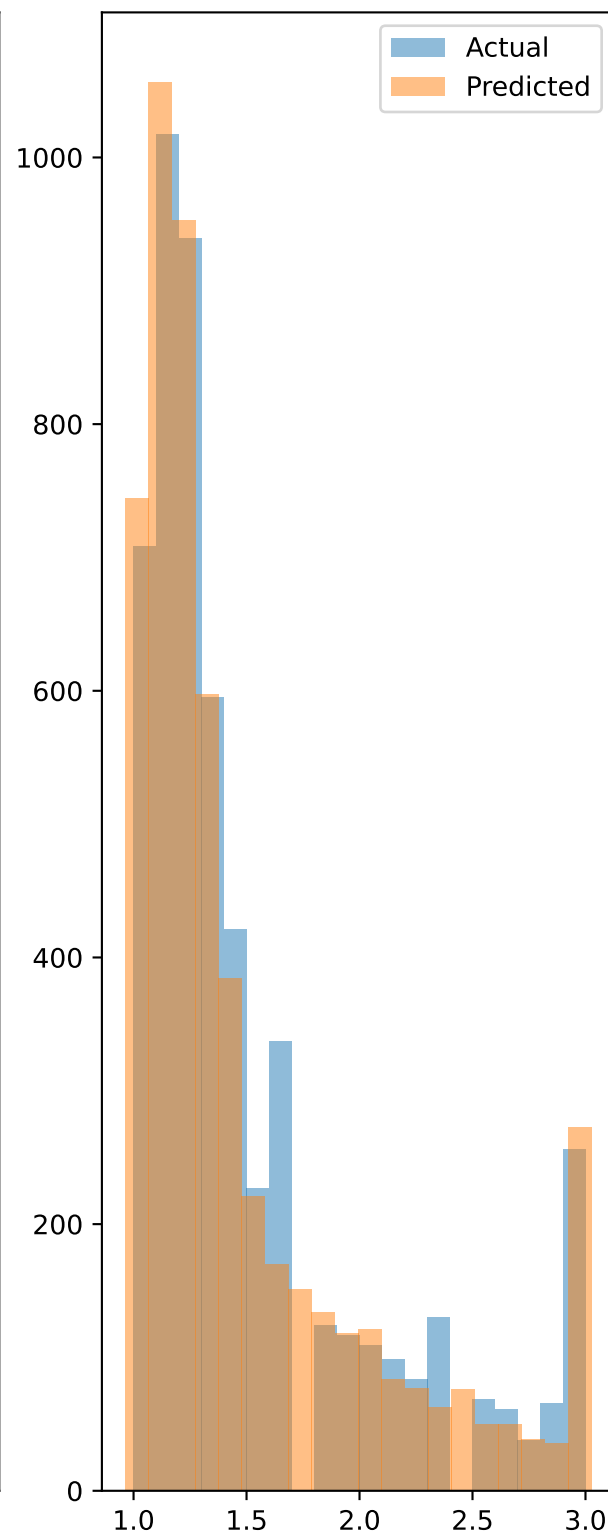
Distribution XGB model for  
INR(PT)  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.02



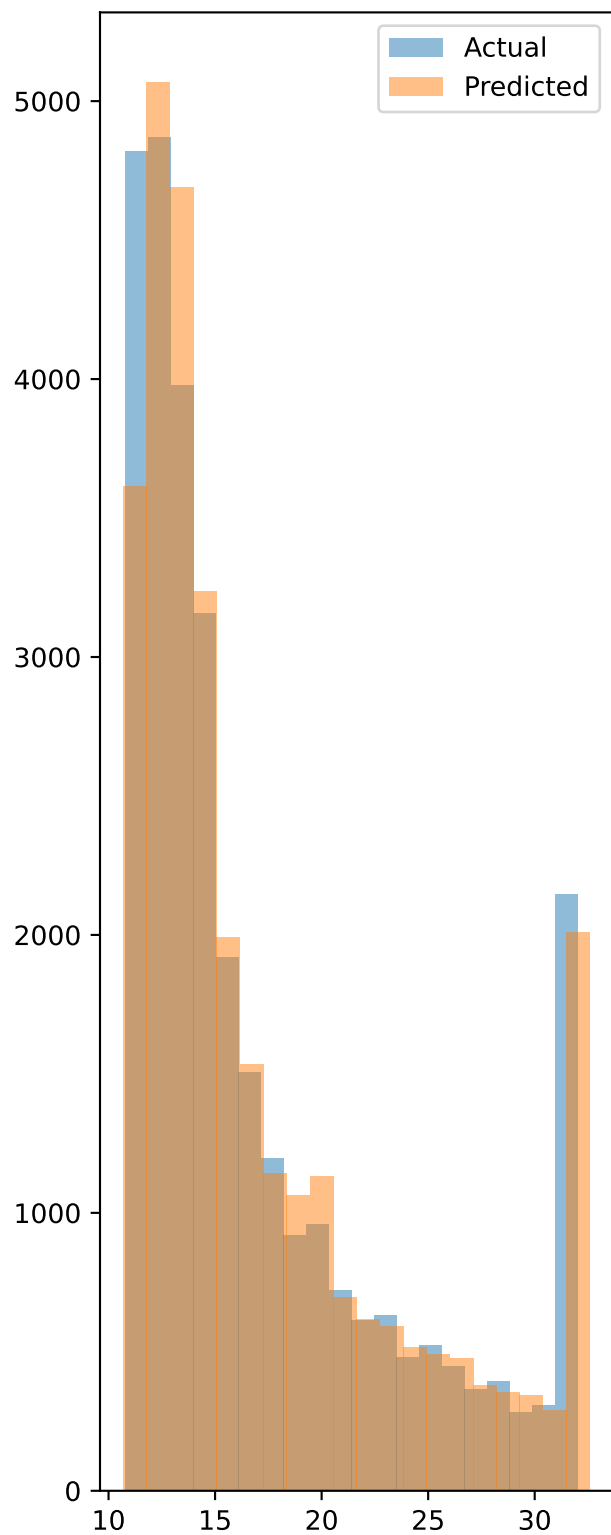
Distribution XGB model for  
INR(PT)  
Asian group  
R2 score: 1.00  
Wasserstein Distance: 0.01



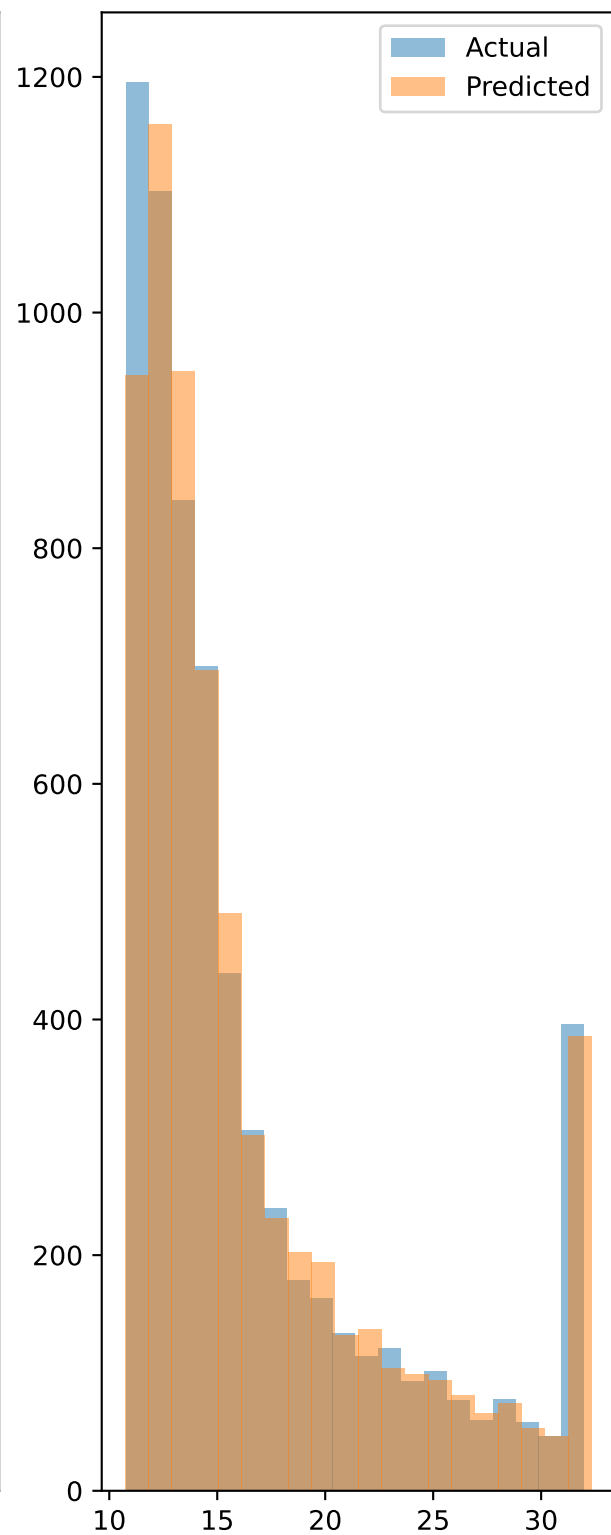
Distribution XGB model for  
INR(PT)  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.01



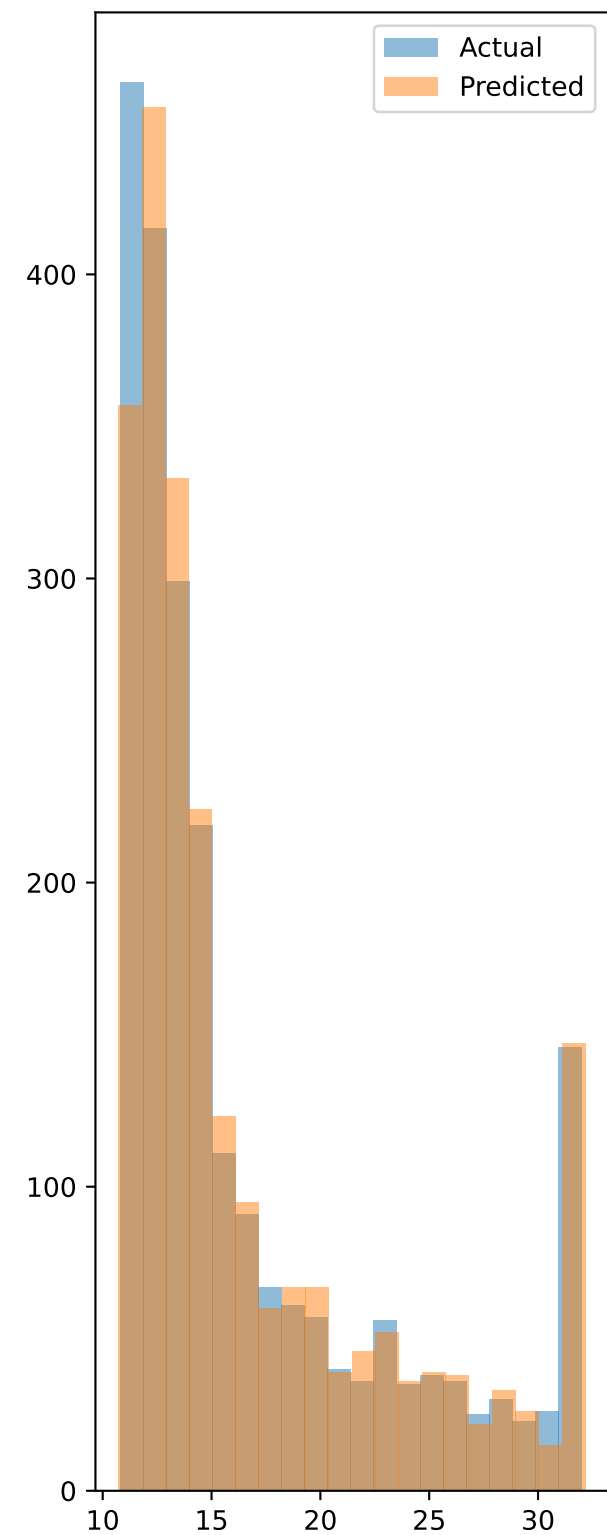
Distribution XGB model for  
PT  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.10



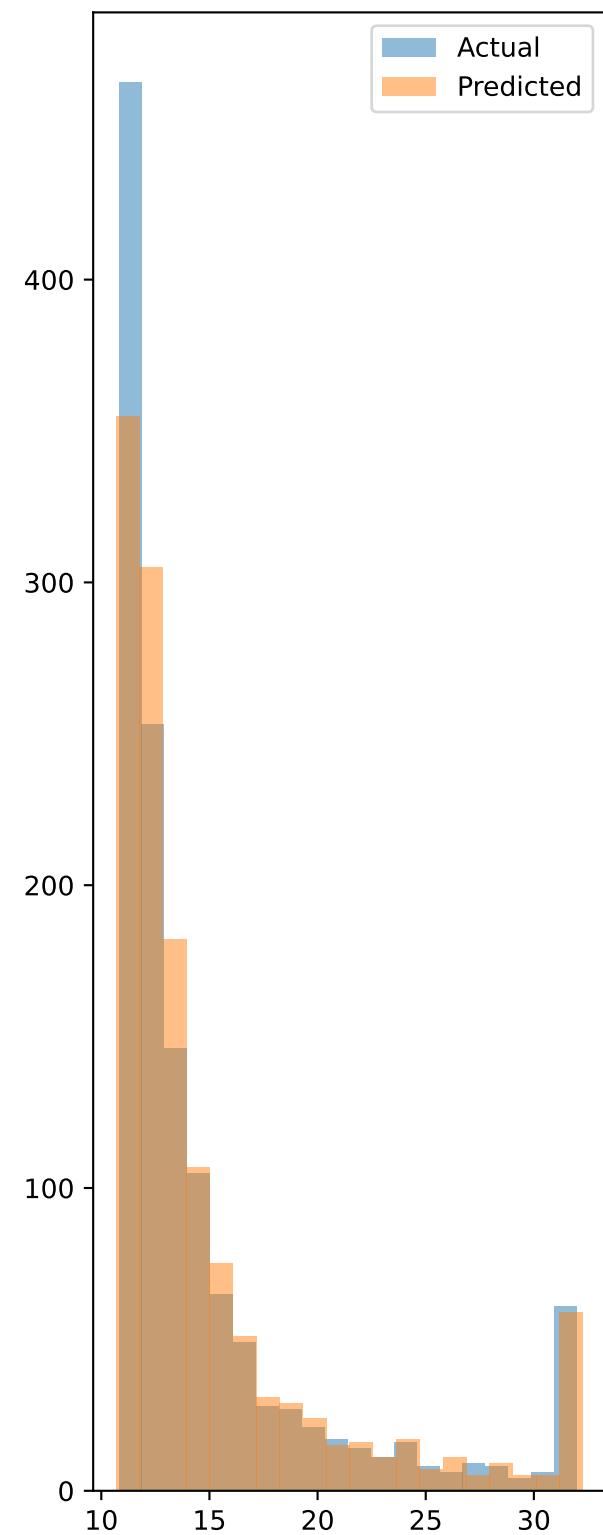
Distribution XGB model for  
PT  
Black group  
R2 score: 1.00  
Wasserstein Distance: 0.11



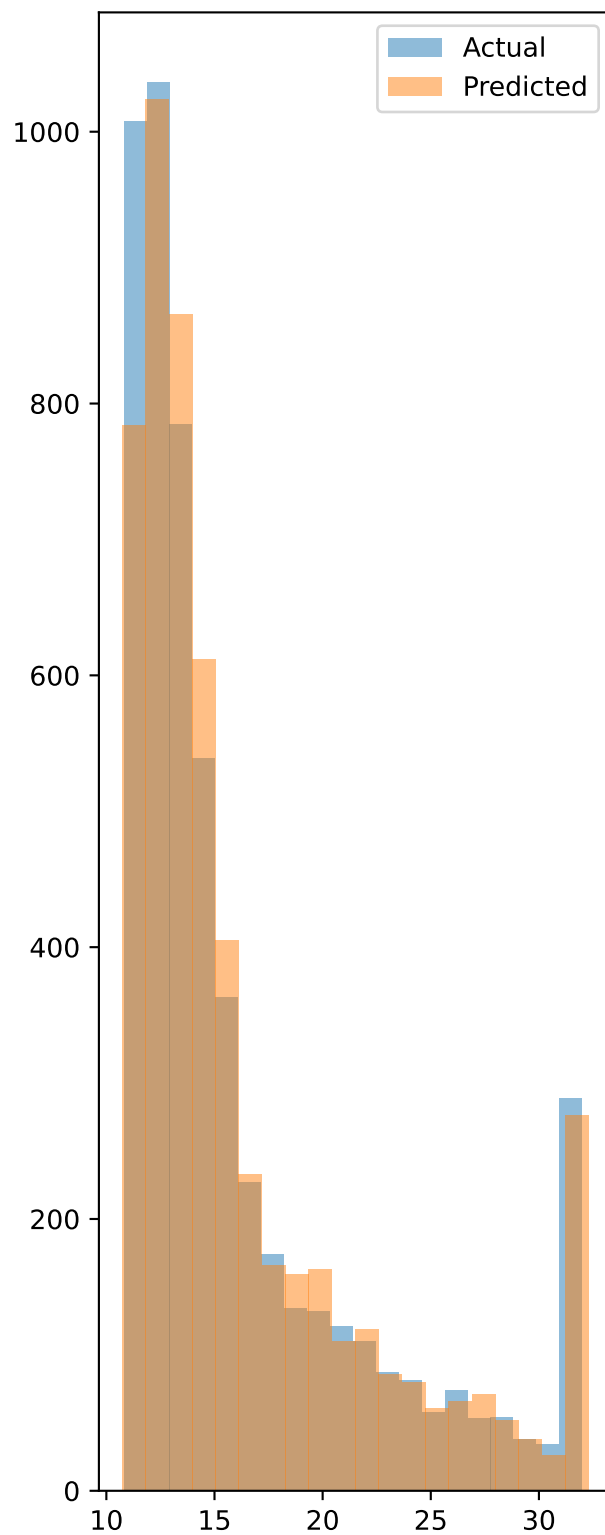
Distribution XGB model for  
PT  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.11



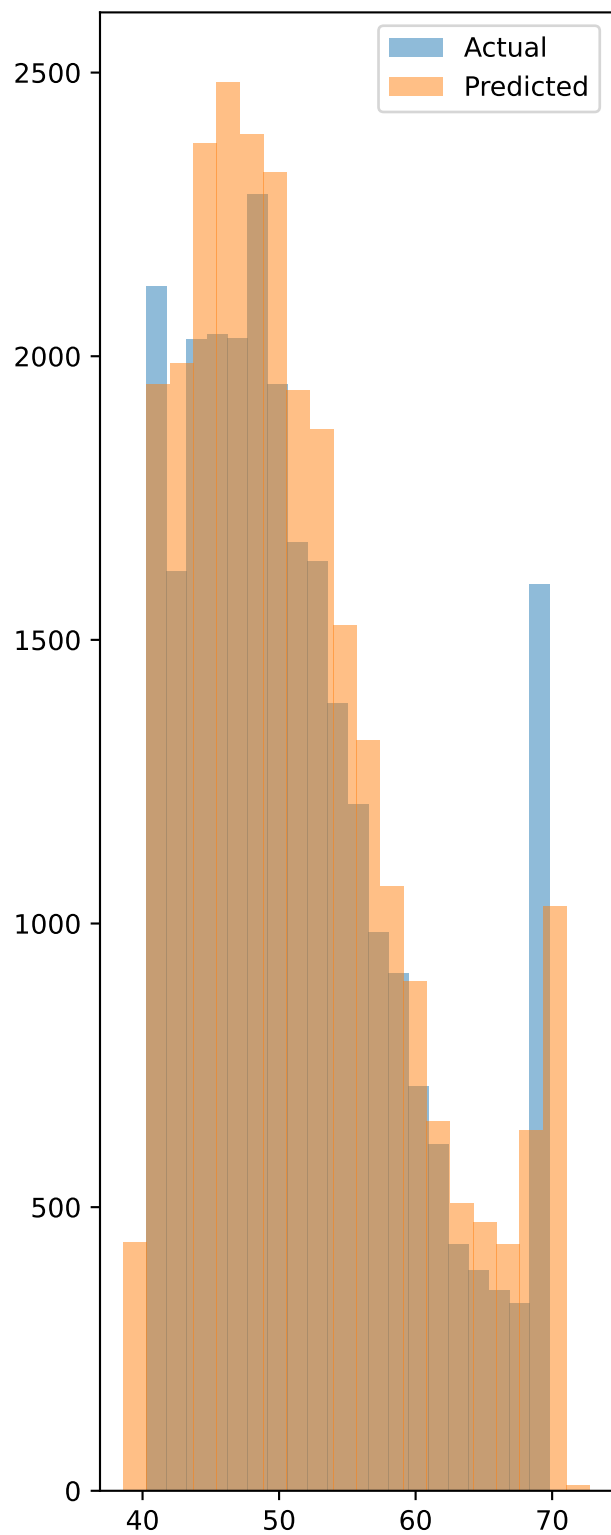
Distribution XGB model for  
PT  
Asian group  
R2 score: 1.00  
Wasserstein Distance: 0.12



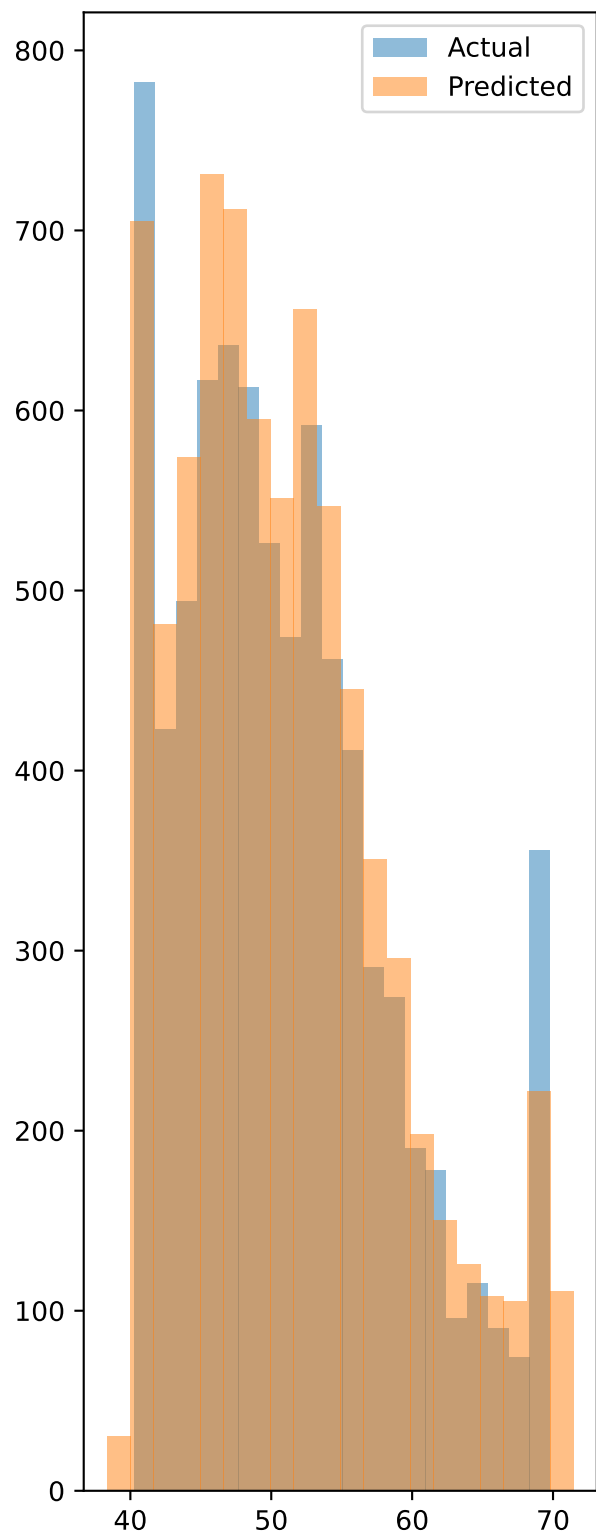
Distribution XGB model for  
PT  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.12



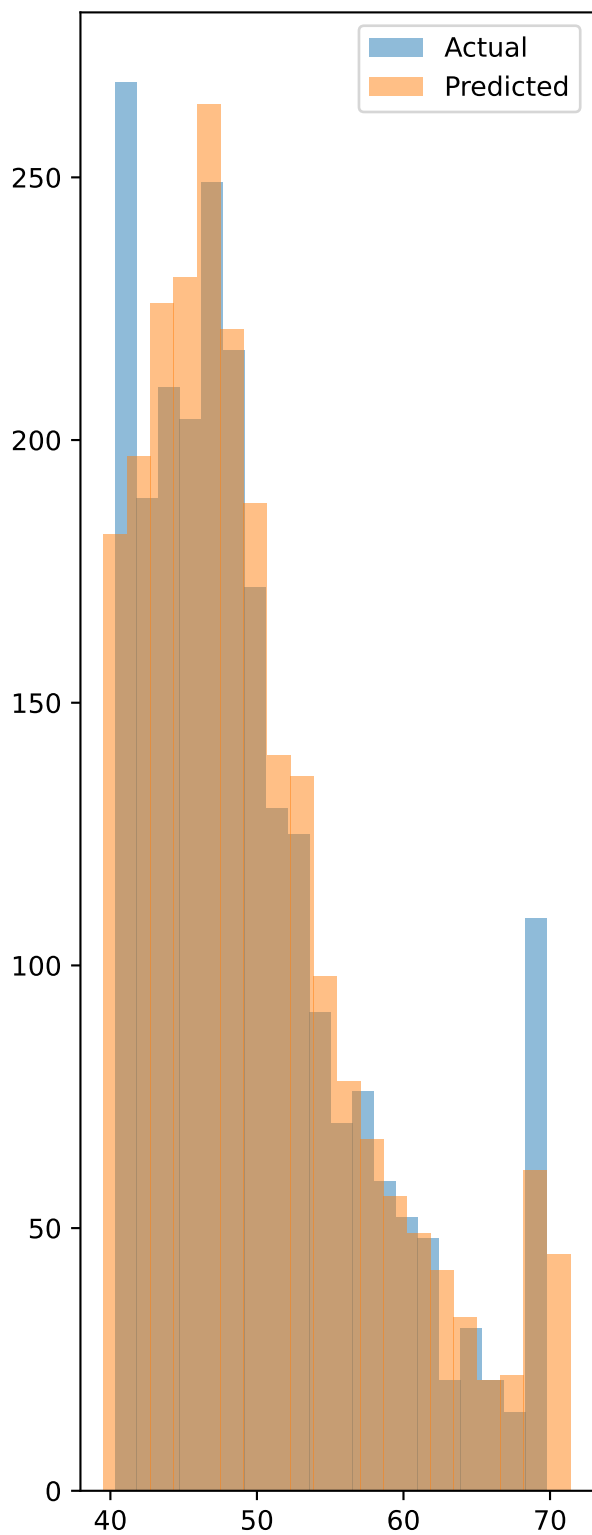
Distribution XGB model for  
RDW-SD  
White group  
R2 score: 0.99  
Wasserstein Distance: 0.08



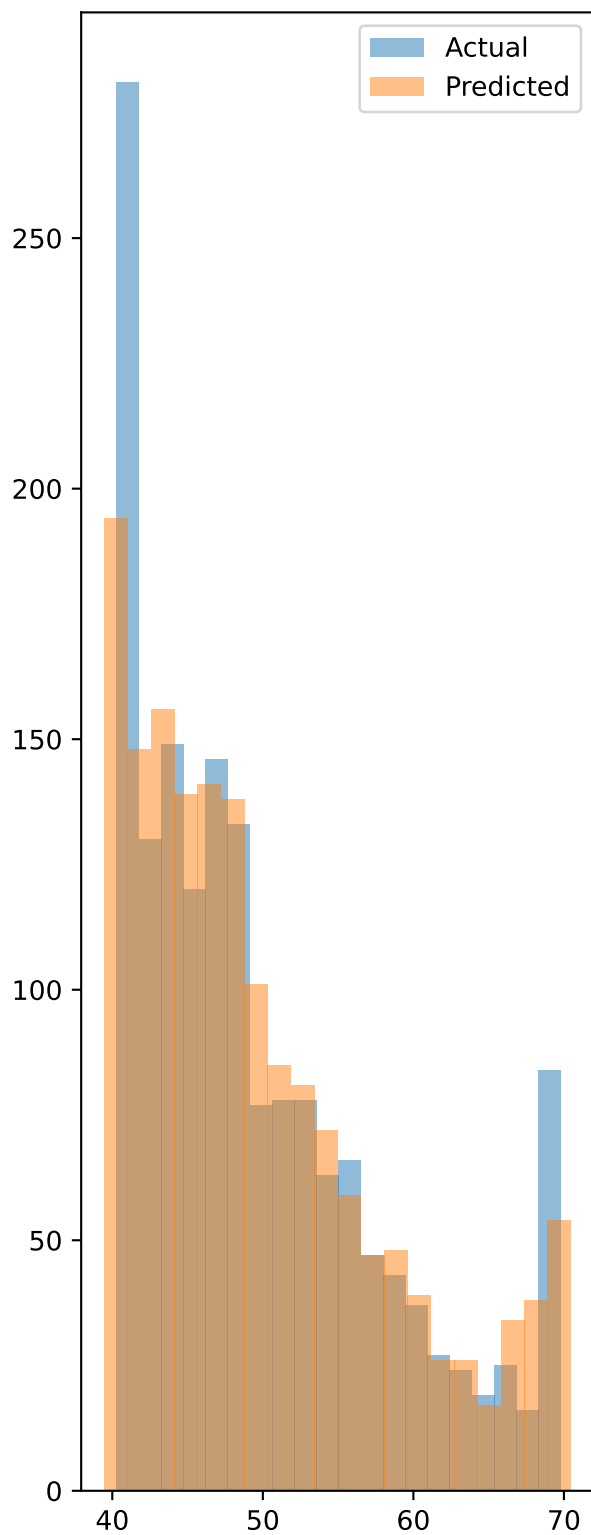
Distribution XGB model for  
RDW-SD  
Black group  
R2 score: 0.98  
Wasserstein Distance: 0.09



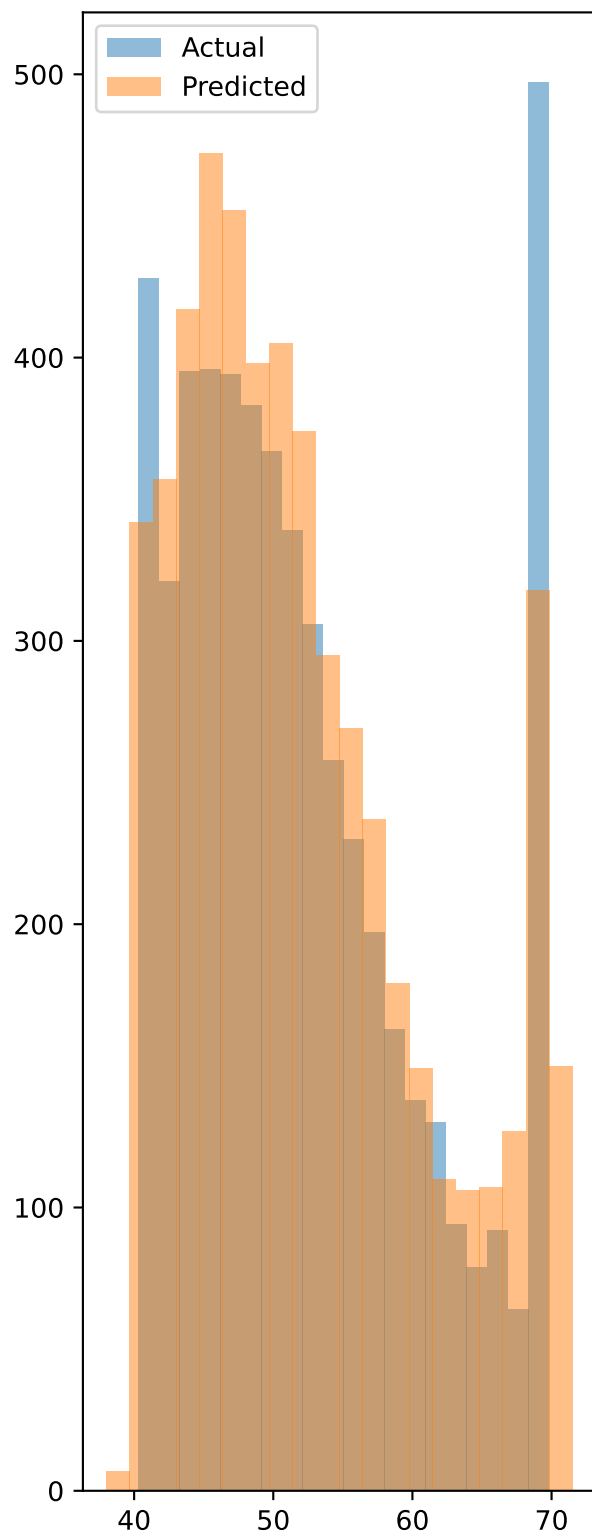
Distribution XGB model for  
RDW-SD  
Hispanic group  
R2 score: 0.99  
Wasserstein Distance: 0.11



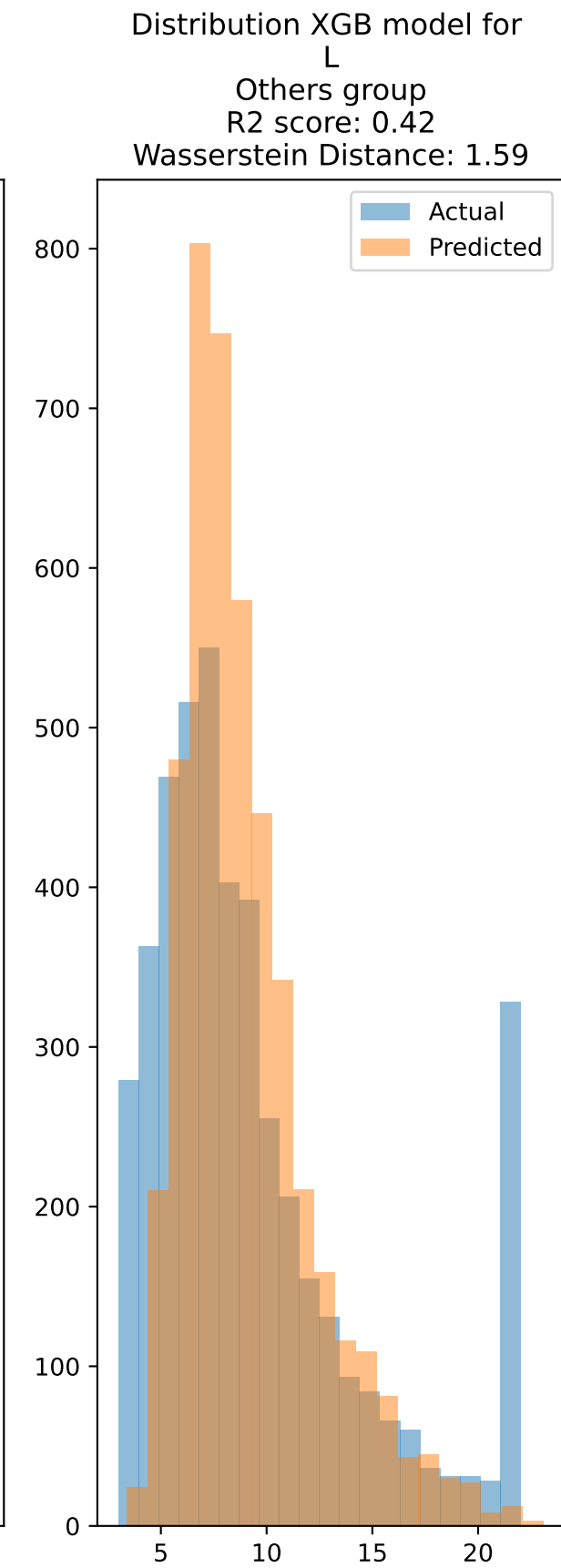
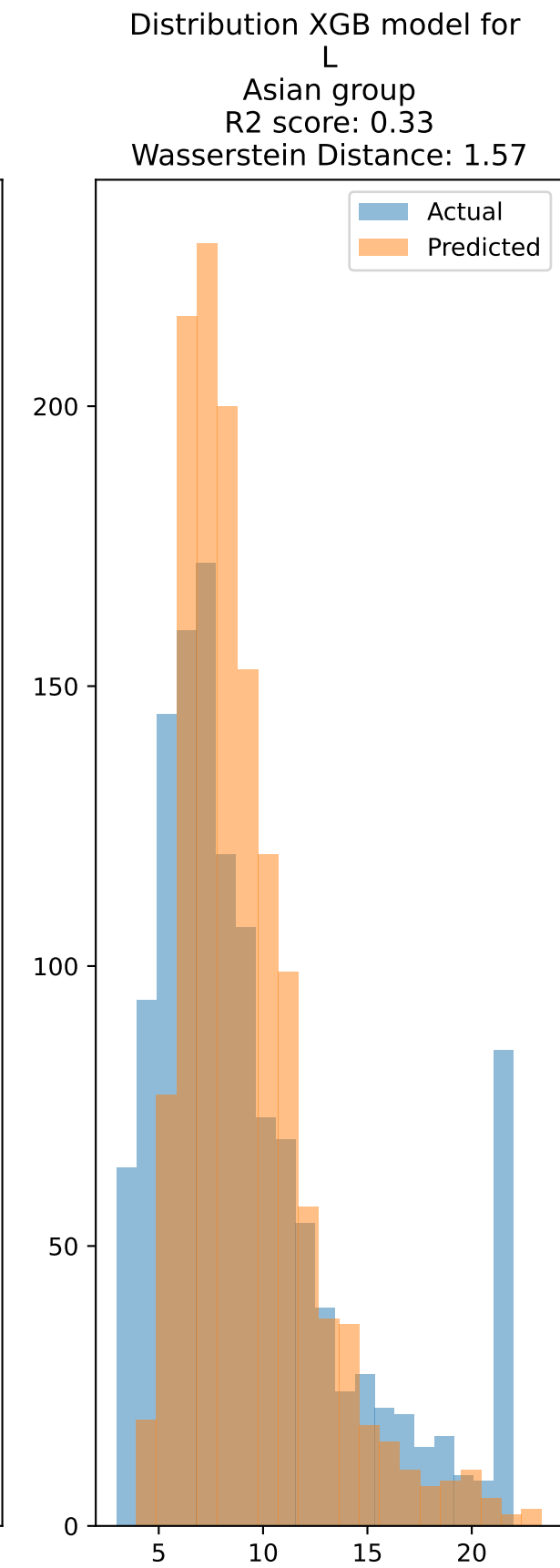
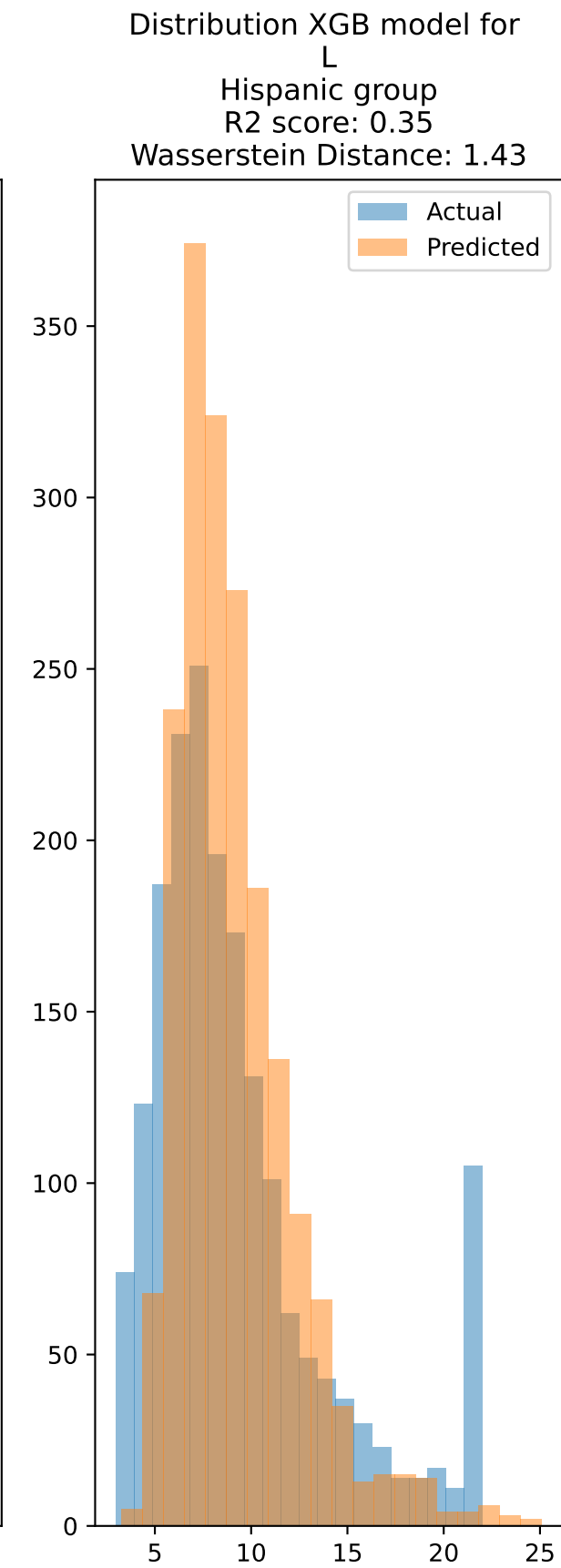
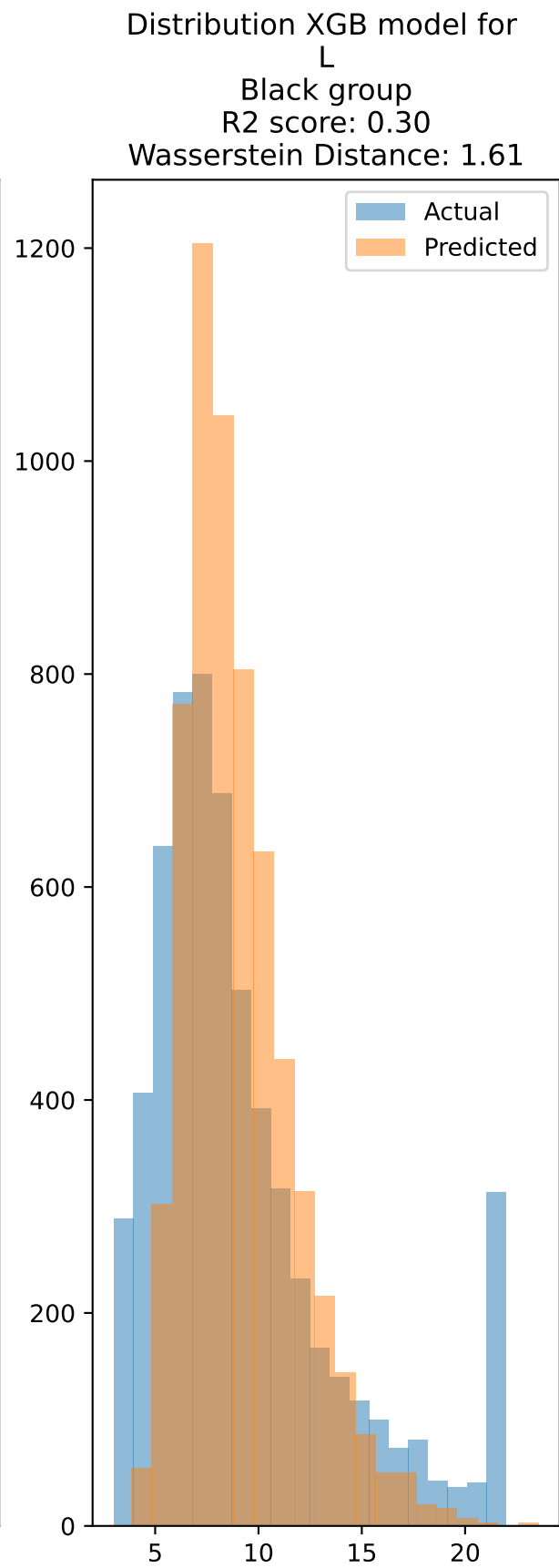
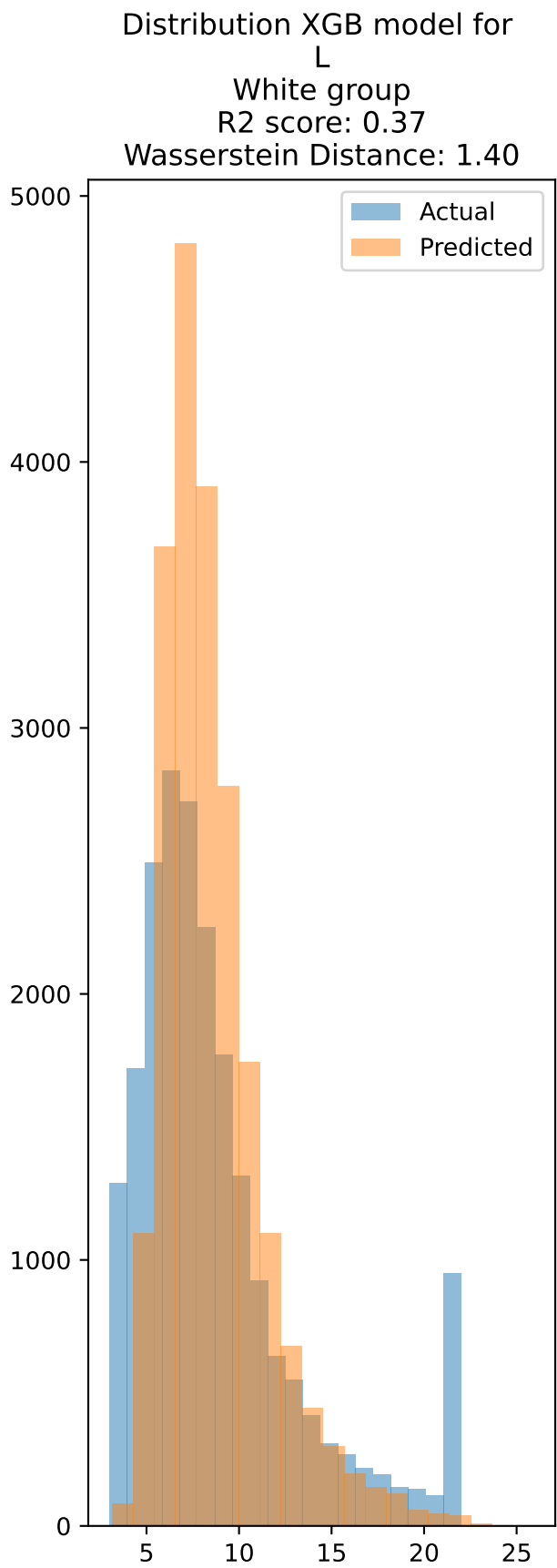
Distribution XGB model for  
RDW-SD  
Asian group  
R2 score: 0.99  
Wasserstein Distance: 0.16



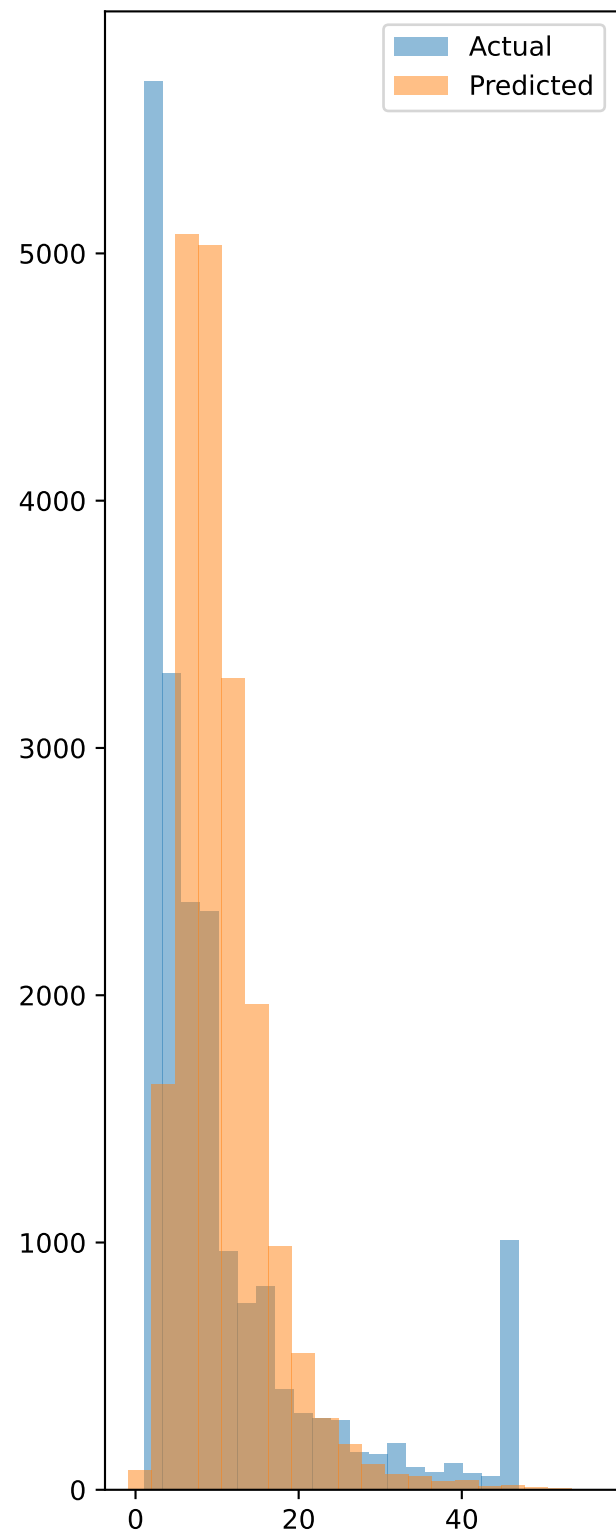
Distribution XGB model for  
RDW-SD  
Others group  
R2 score: 0.99  
Wasserstein Distance: 0.12



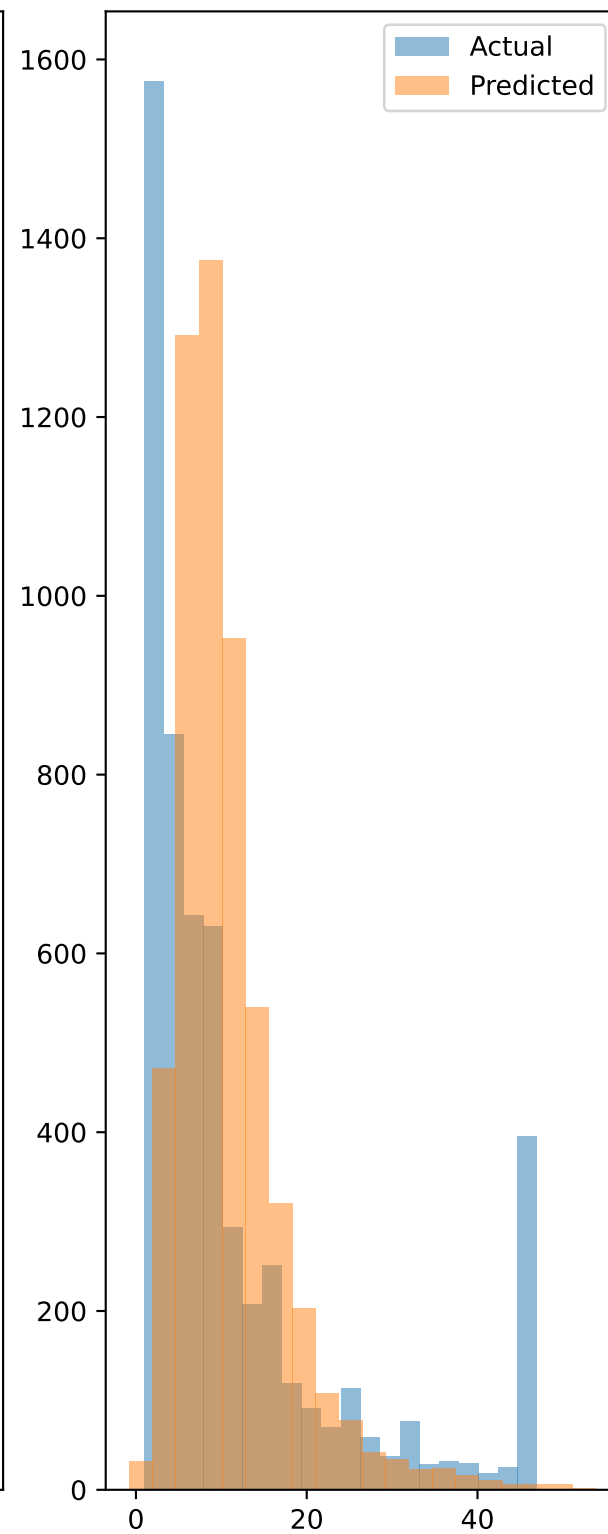




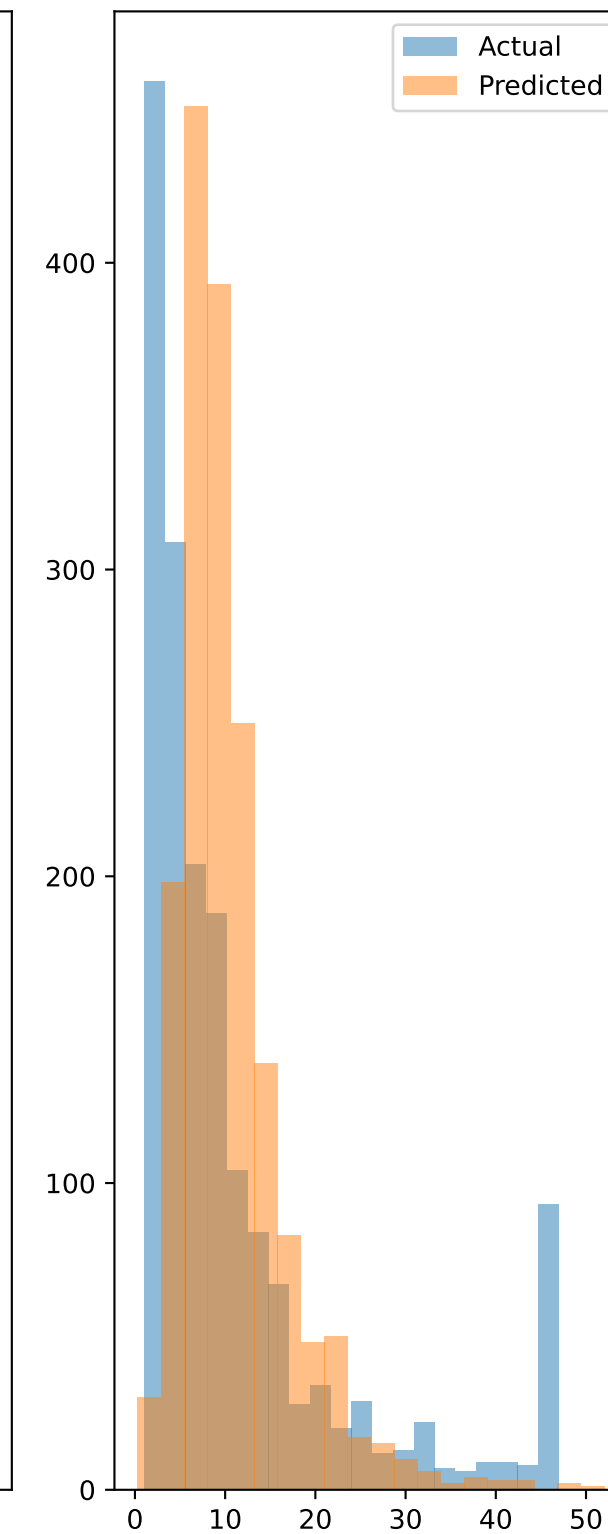
Distribution XGB model for  
H  
White group  
R2 score: 0.27  
Wasserstein Distance: 4.38



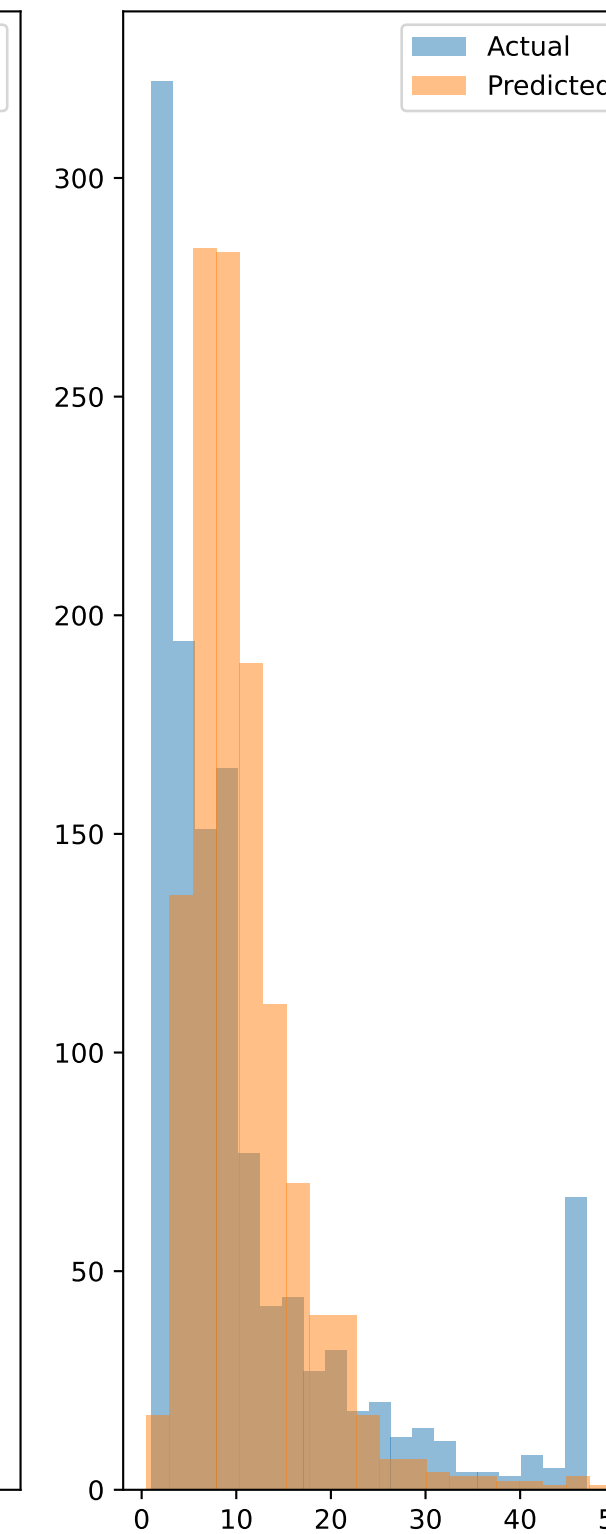
Distribution XGB model for  
H  
Black group  
R2 score: 0.27  
Wasserstein Distance: 4.70



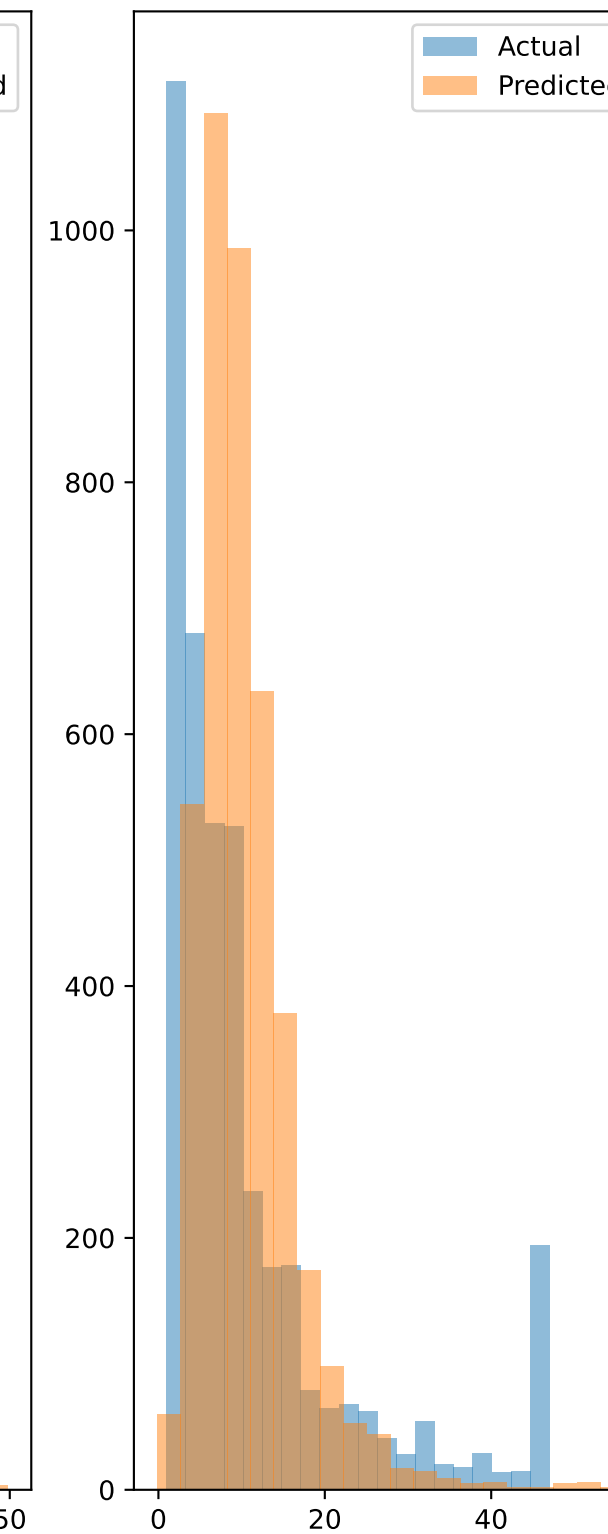
Distribution XGB model for  
H  
Hispanic group  
R2 score: 0.27  
Wasserstein Distance: 4.18



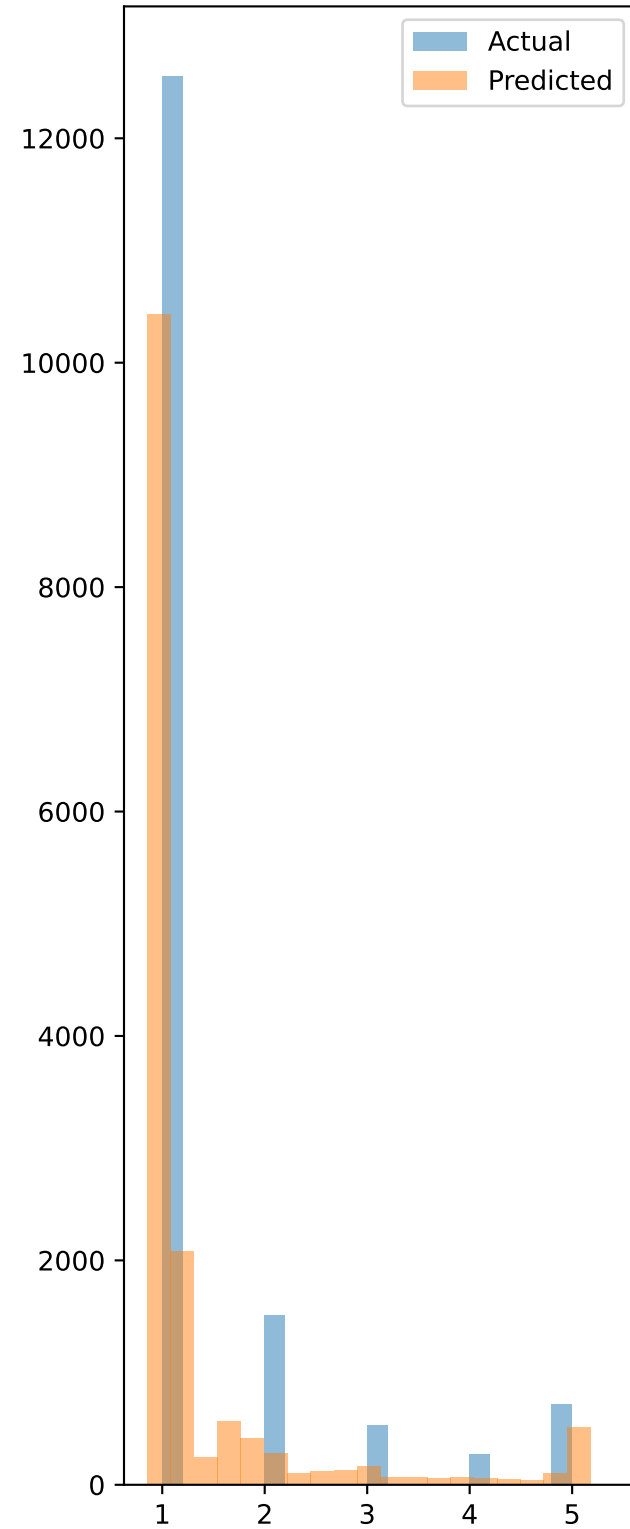
Distribution XGB model for  
H  
Asian group  
R2 score: 0.23  
Wasserstein Distance: 4.18



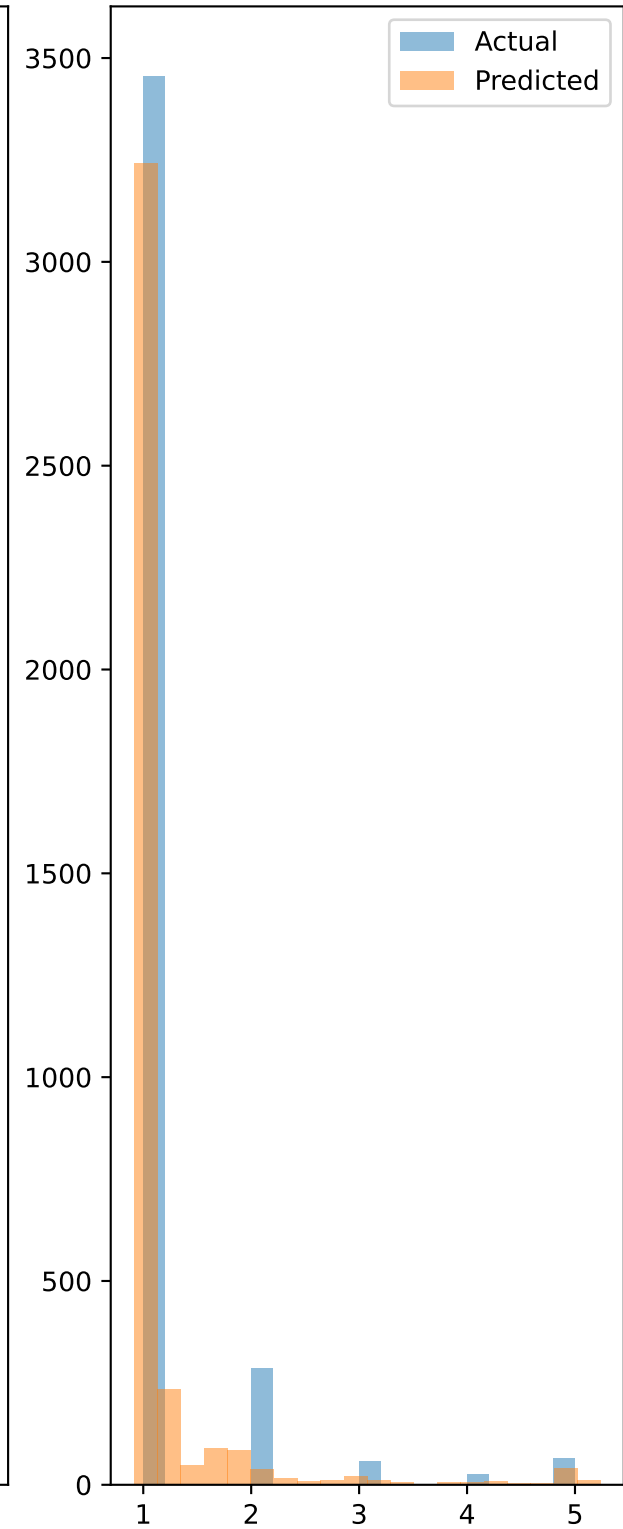
Distribution XGB model for  
H  
Others group  
R2 score: 0.23  
Wasserstein Distance: 4.10



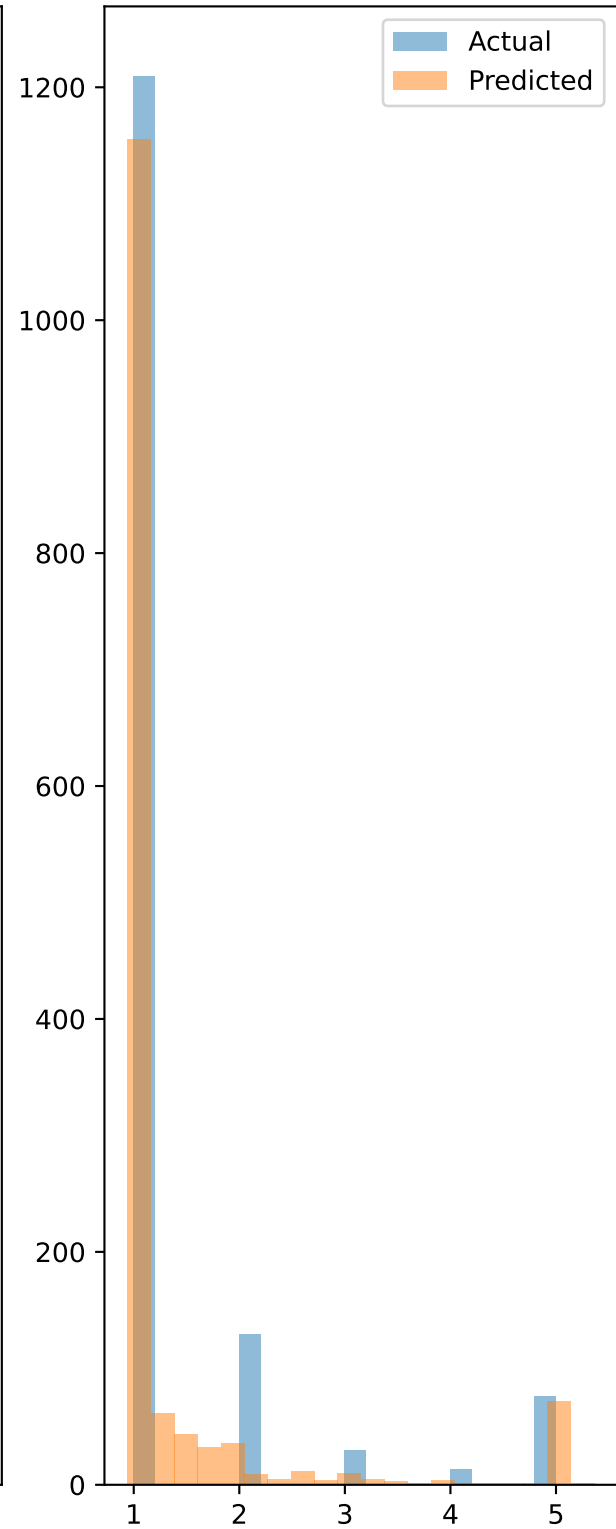
Distribution XGB model for  
White group  
R2 score: 0.91  
Wasserstein Distance: 0.08



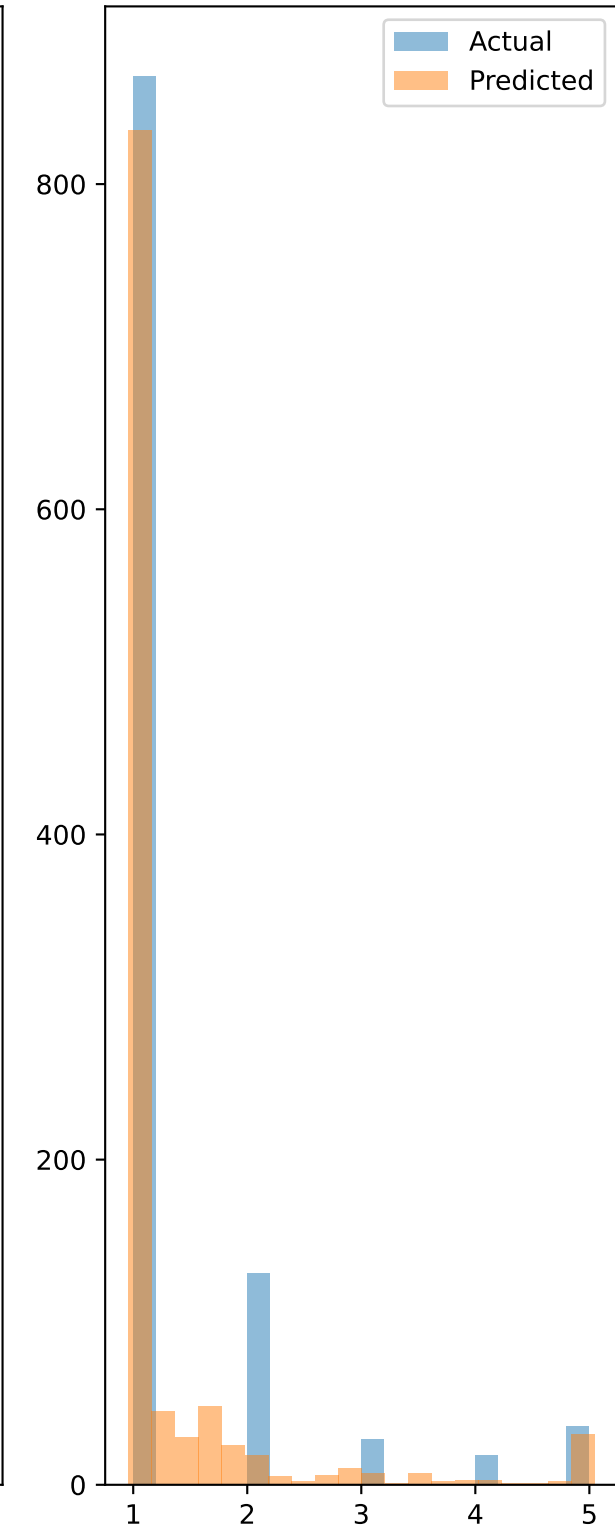
Distribution XGB model for  
Black group  
R2 score: 0.84  
Wasserstein Distance: 0.06



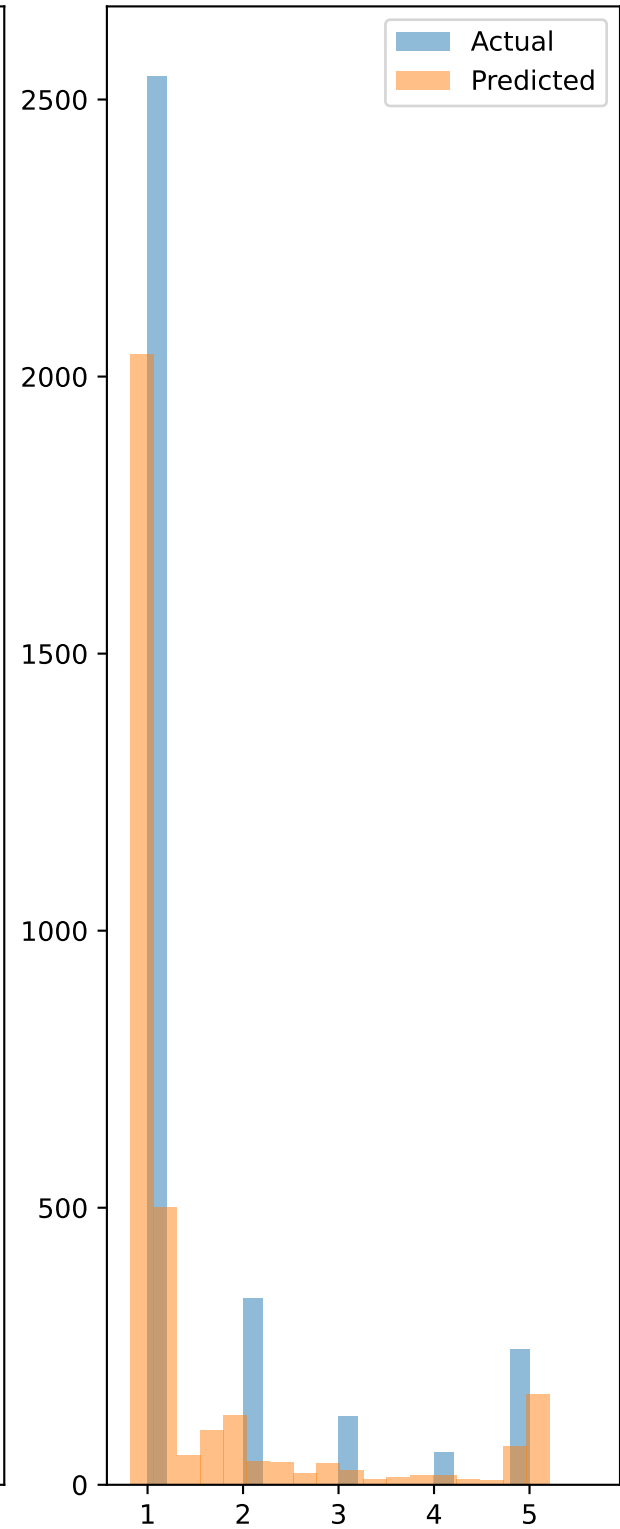
Distribution XGB model for  
Hispanic group  
R2 score: 0.93  
Wasserstein Distance: 0.07



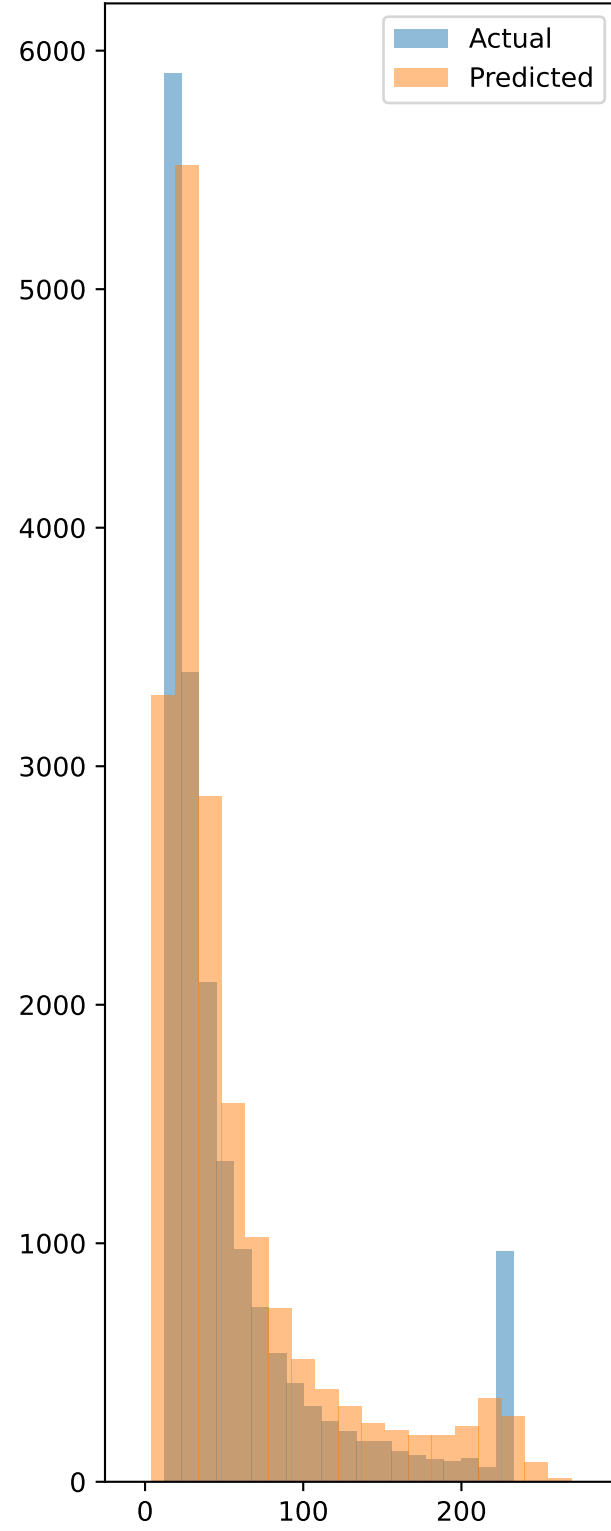
Distribution XGB model for  
Asian group  
R2 score: 0.86  
Wasserstein Distance: 0.09



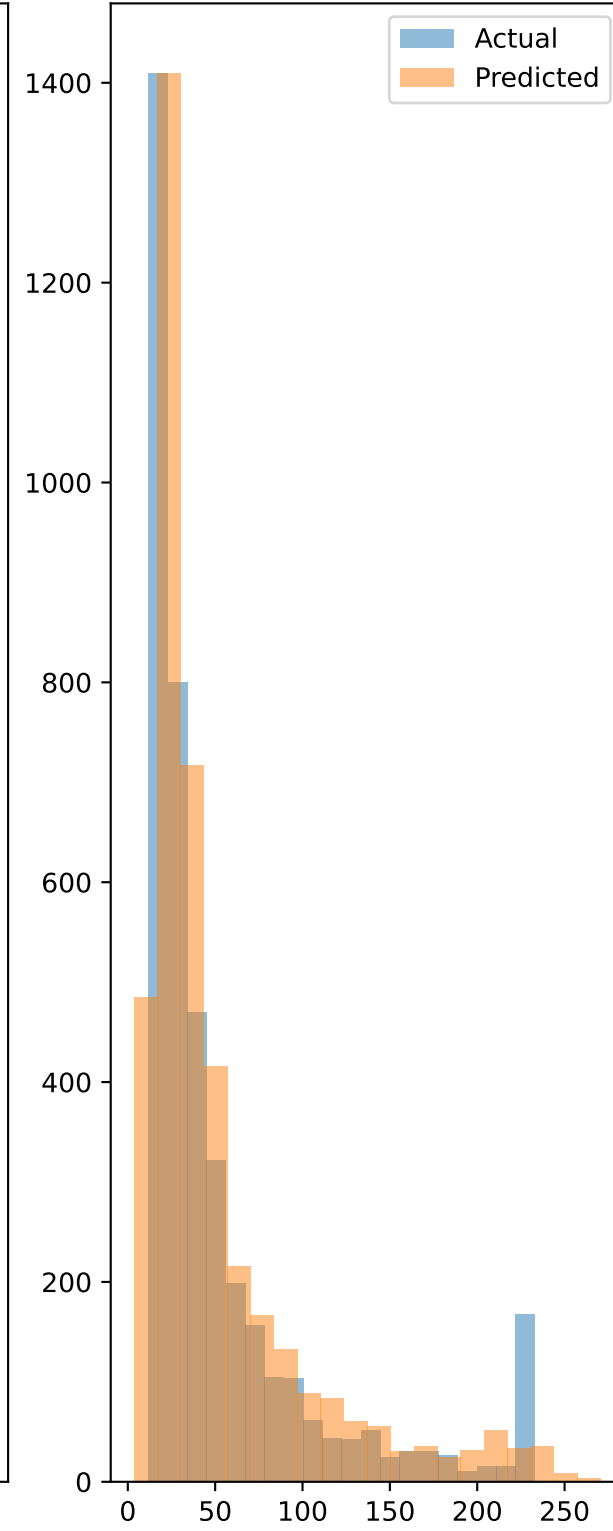
Distribution XGB model for  
Others group  
R2 score: 0.95  
Wasserstein Distance: 0.07



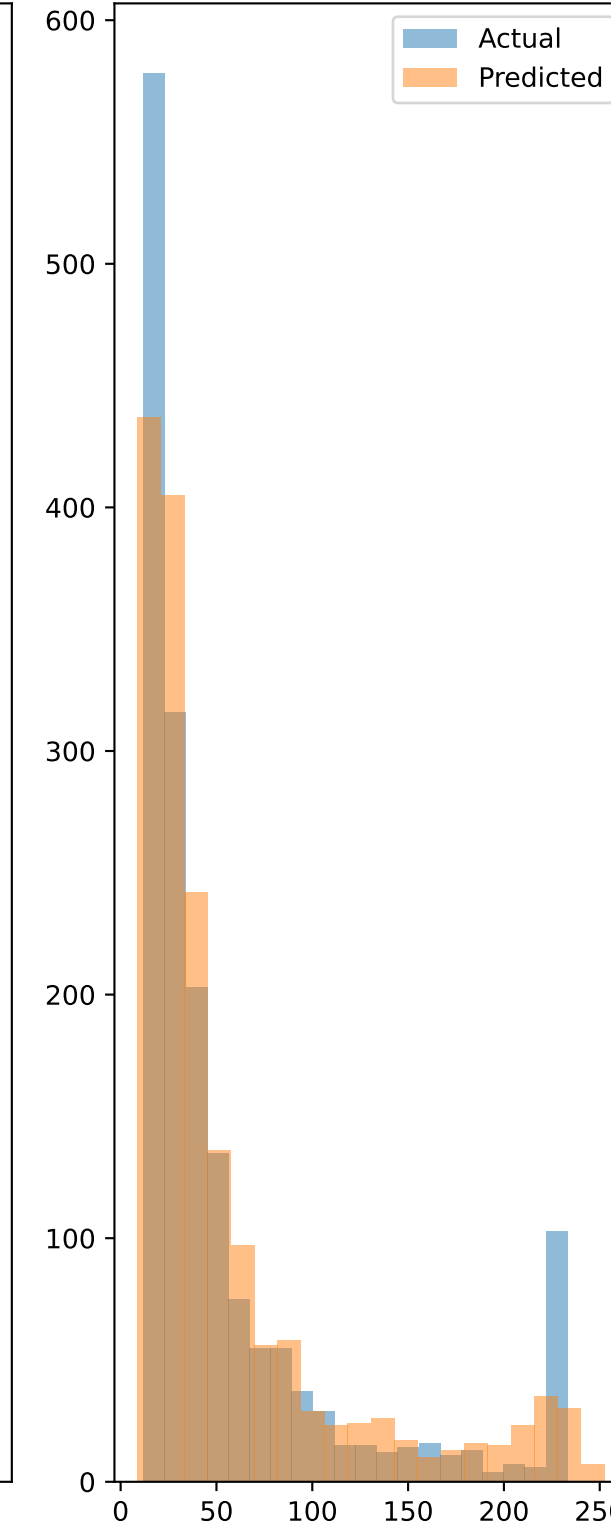
Distribution XGB model for  
Asparate Aminotransferase (AST)  
White group  
R2 score: 0.91  
Wasserstein Distance: 2.20



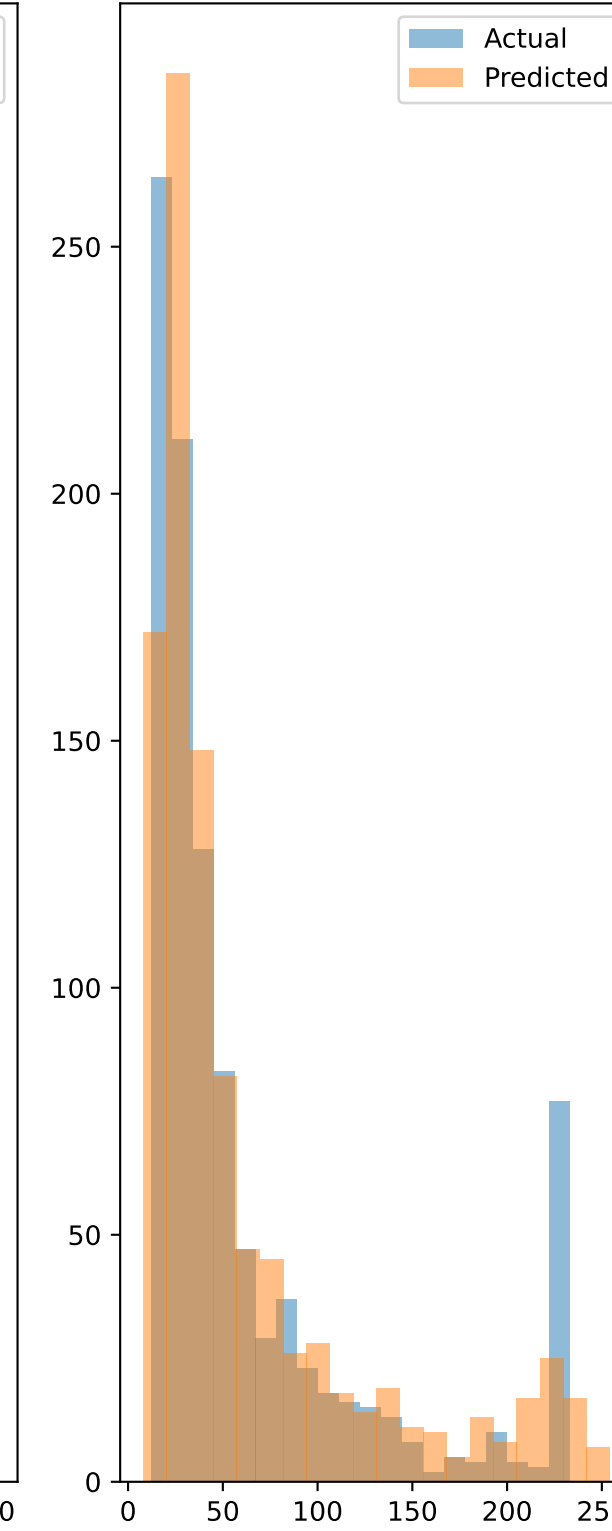
Distribution XGB model for  
Asparate Aminotransferase (AST)  
Black group  
R2 score: 0.88  
Wasserstein Distance: 2.59



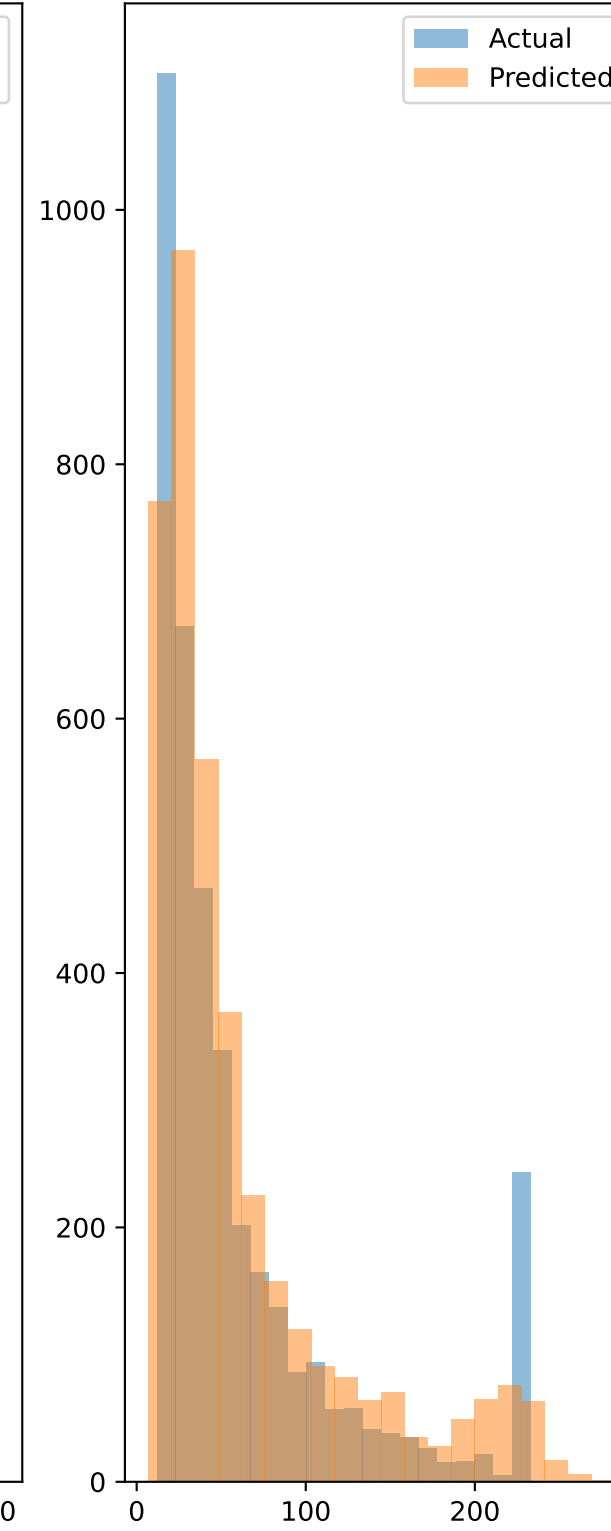
Distribution XGB model for  
Asparate Aminotransferase (AST)  
Hispanic group  
R2 score: 0.93  
Wasserstein Distance: 2.03



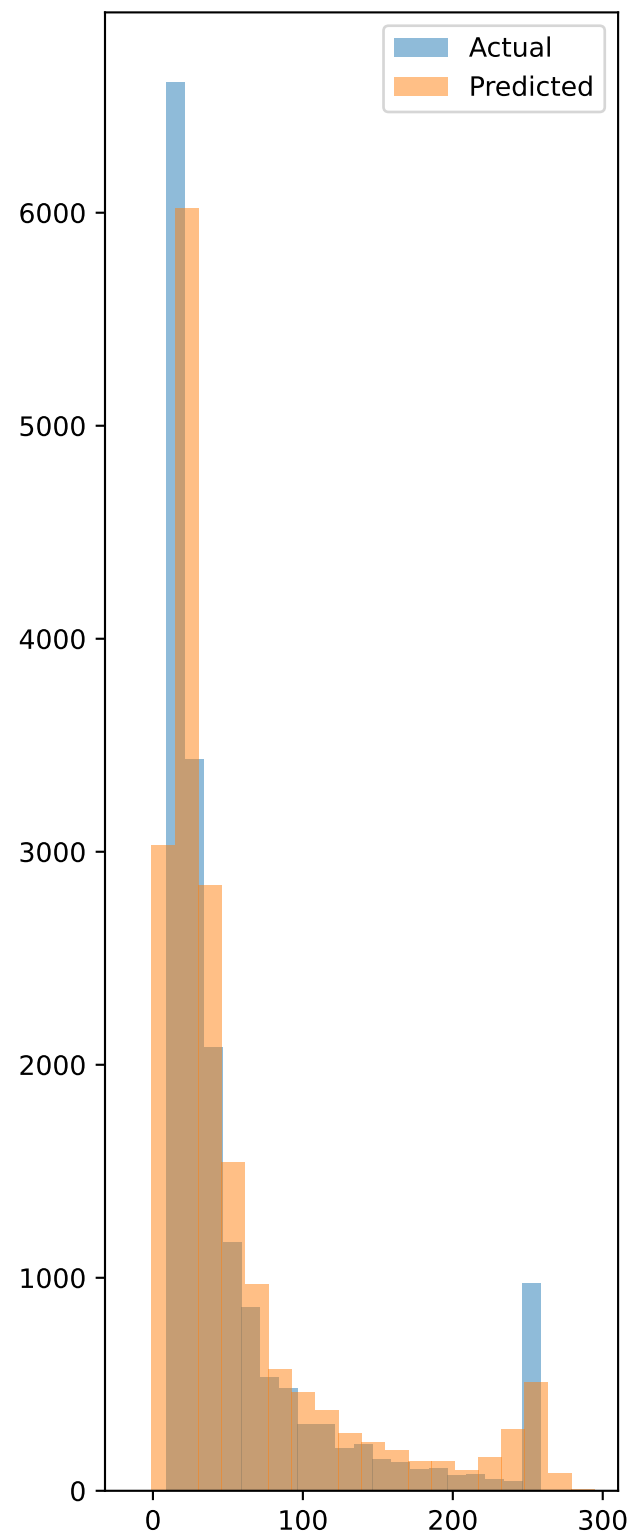
Distribution XGB model for  
Asparate Aminotransferase (AST)  
Asian group  
R2 score: 0.89  
Wasserstein Distance: 2.34



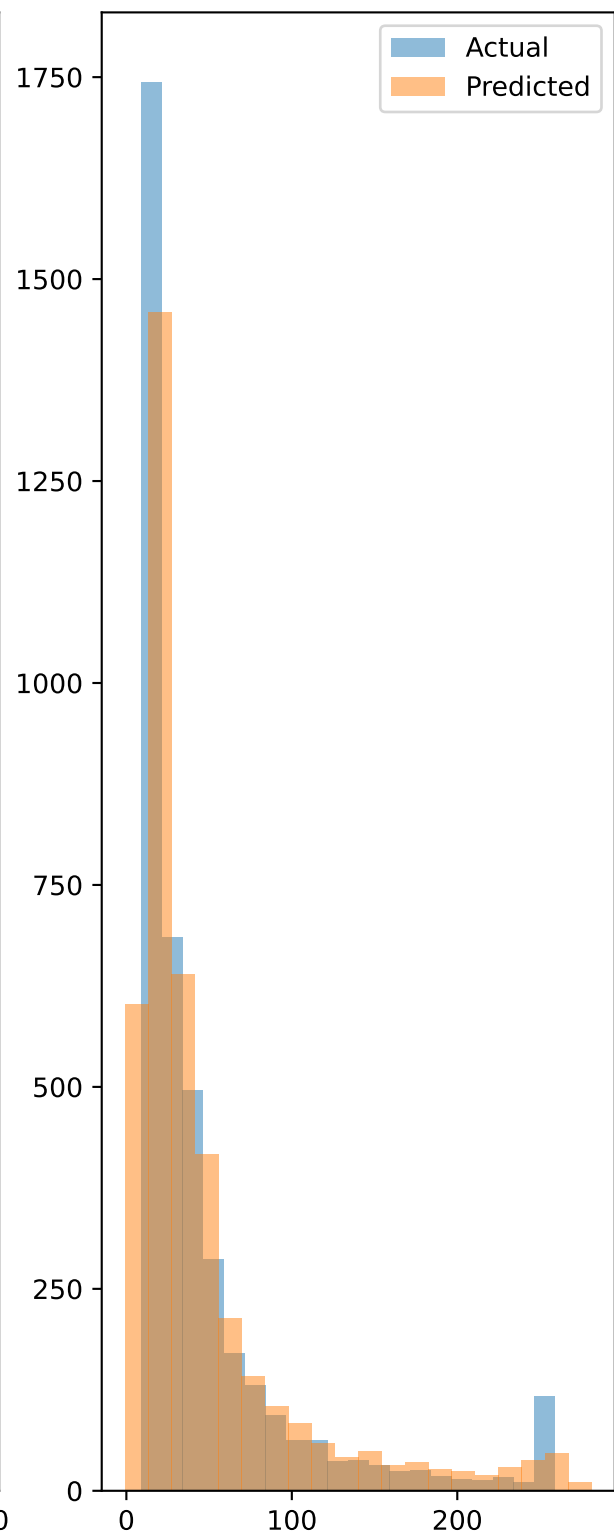
Distribution XGB model for  
Asparate Aminotransferase (AST)  
Others group  
R2 score: 0.92  
Wasserstein Distance: 2.27



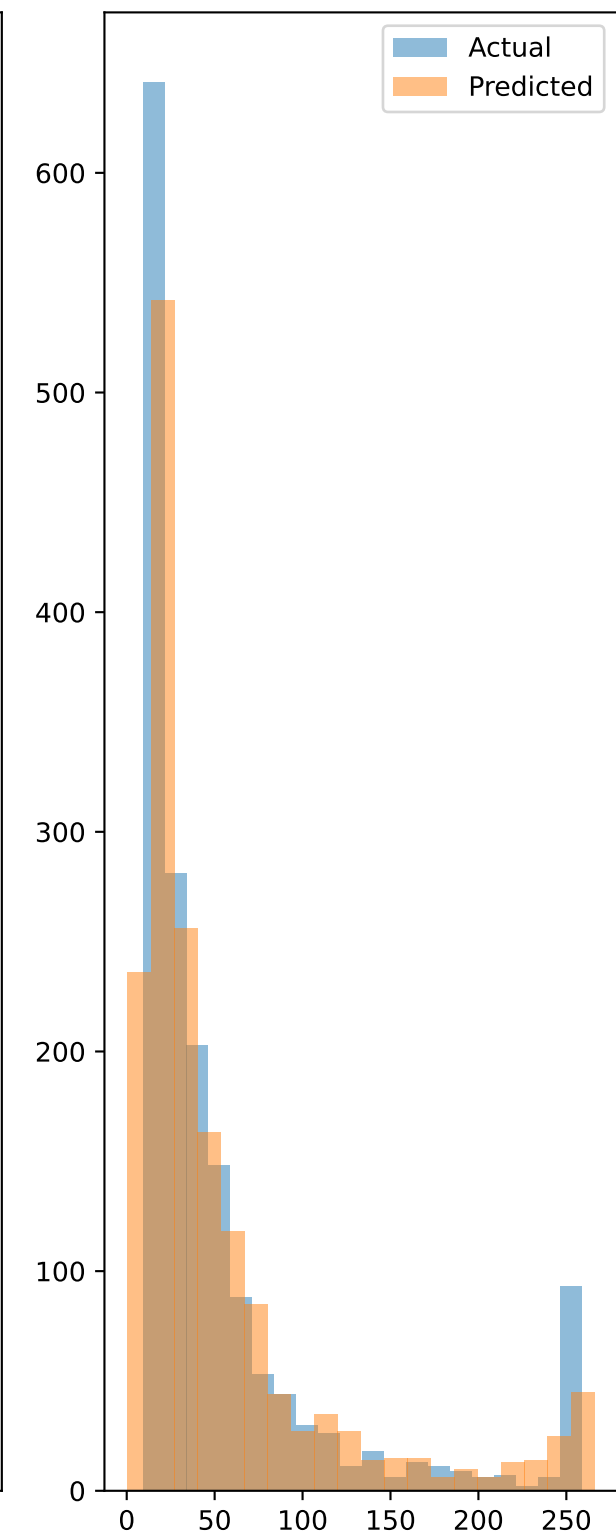
Distribution XGB model for  
Alanine Aminotransferase (ALT)  
White group  
R2 score: 0.93  
Wasserstein Distance: 1.80



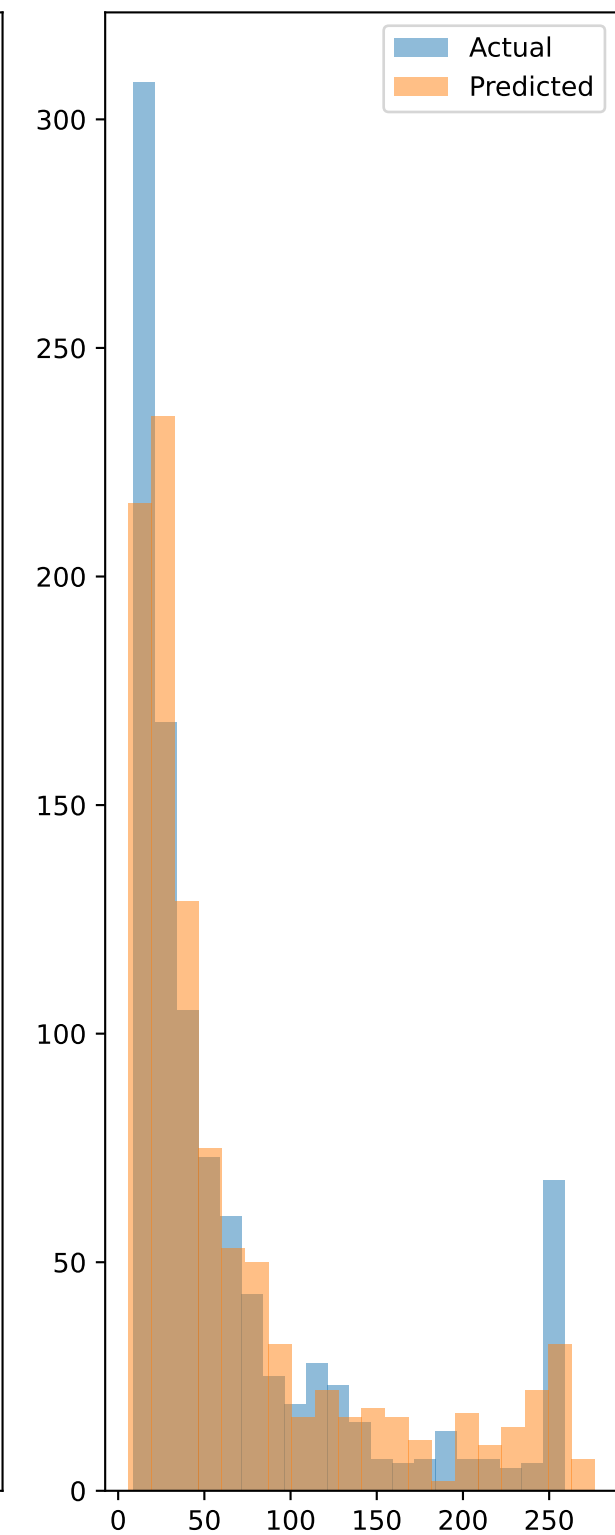
Distribution XGB model for  
Alanine Aminotransferase (ALT)  
Black group  
R2 score: 0.89  
Wasserstein Distance: 2.31



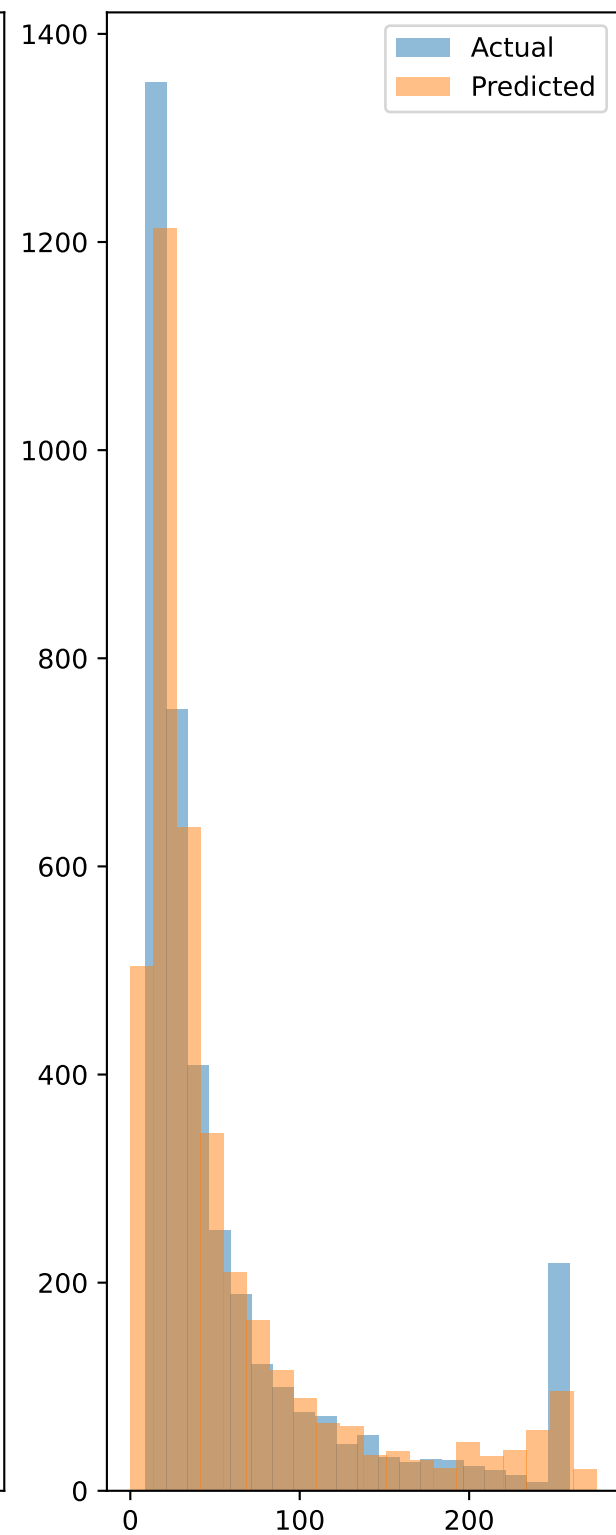
Distribution XGB model for  
Alanine Aminotransferase (ALT)  
Hispanic group  
R2 score: 0.93  
Wasserstein Distance: 2.54

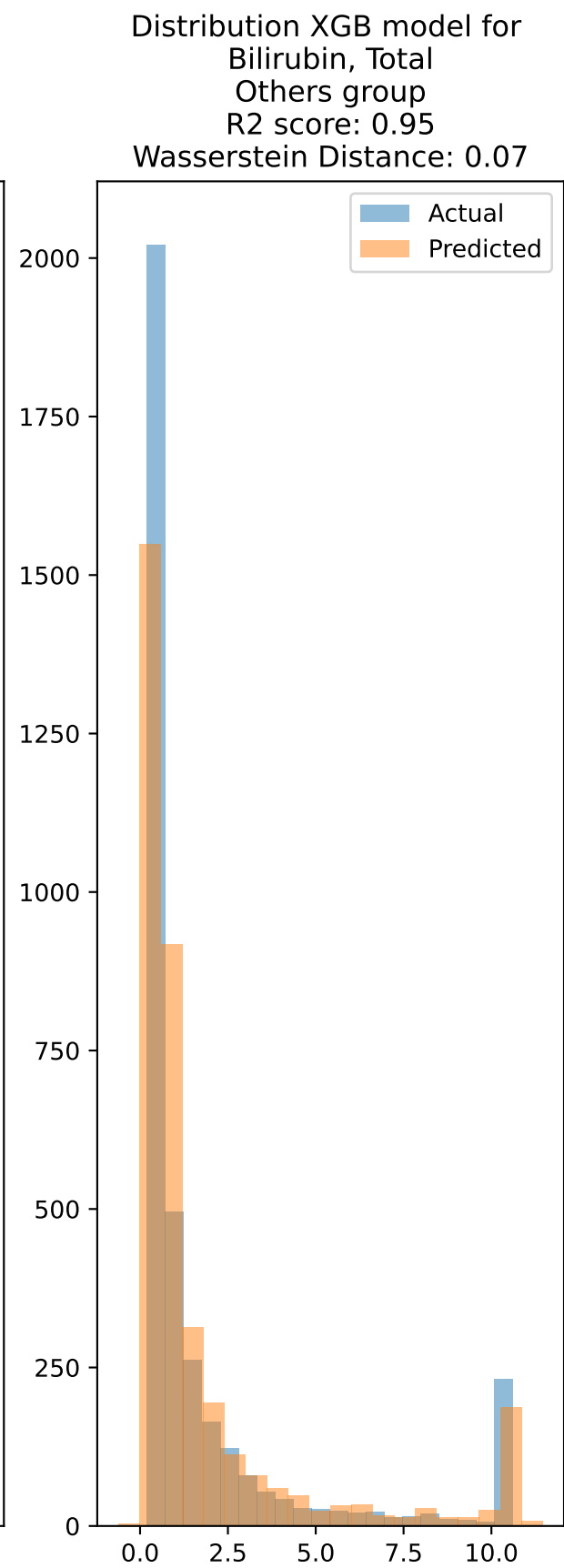
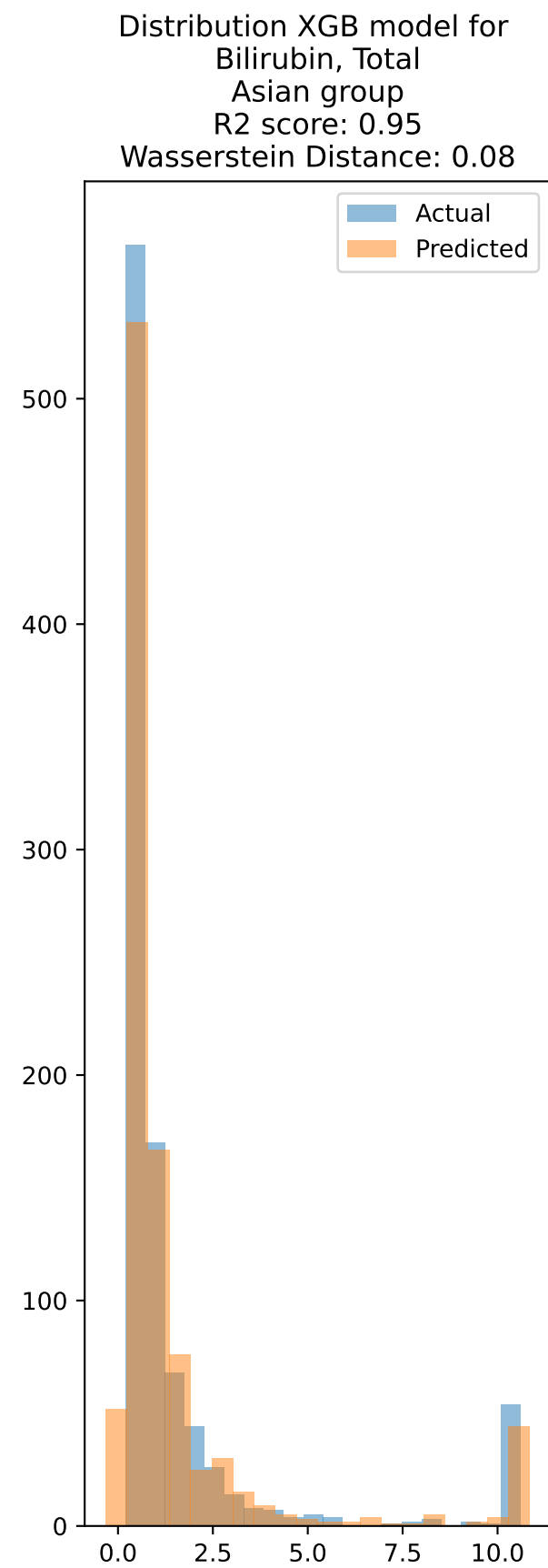
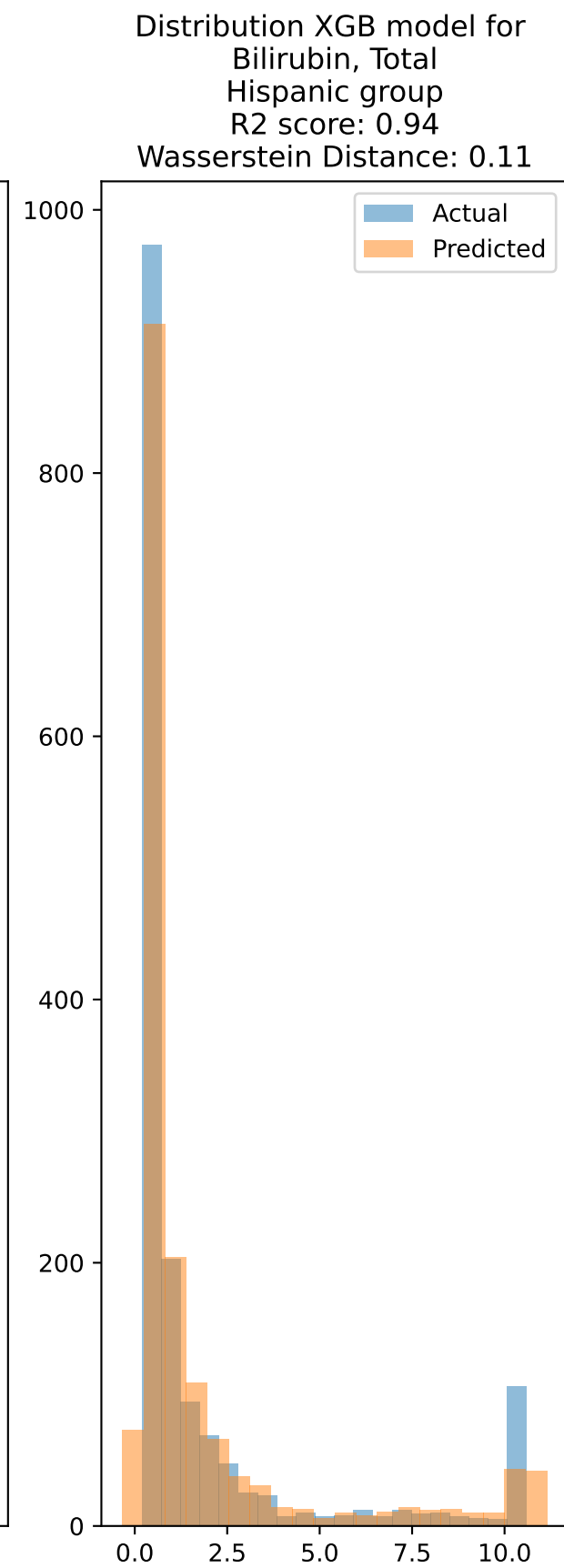
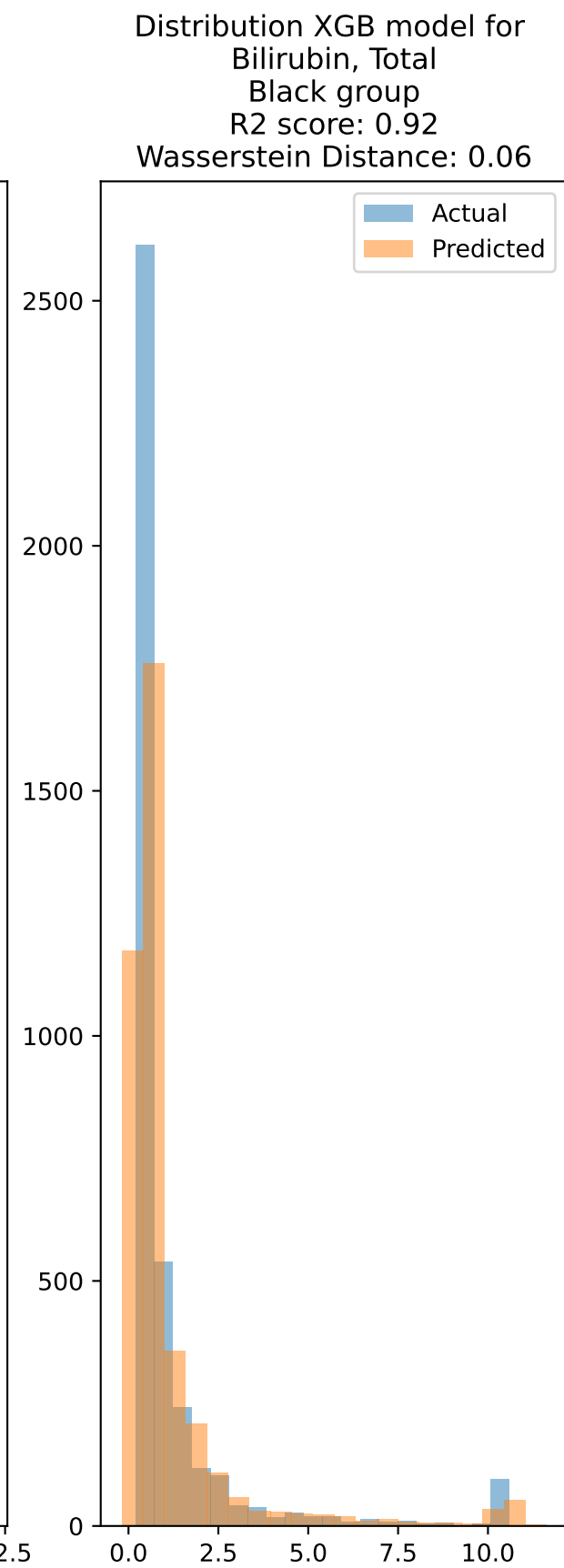
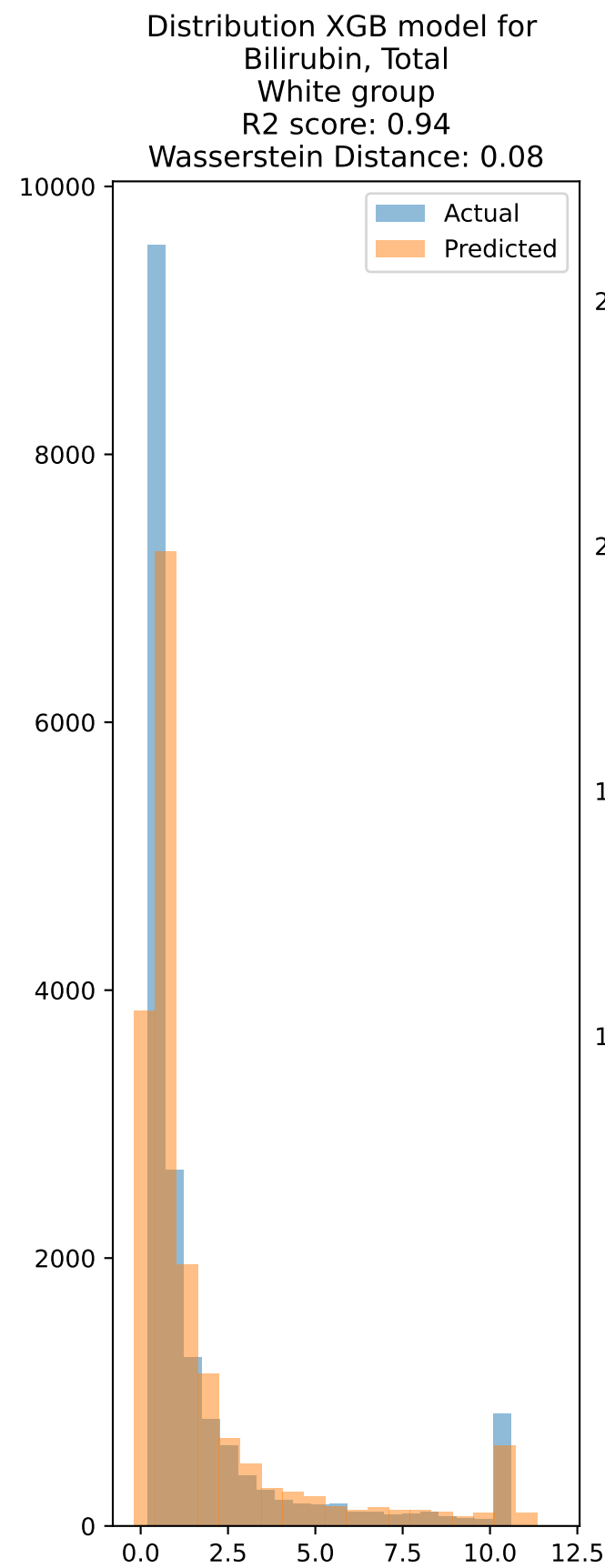


Distribution XGB model for  
Alanine Aminotransferase (ALT)  
Asian group  
R2 score: 0.93  
Wasserstein Distance: 3.06

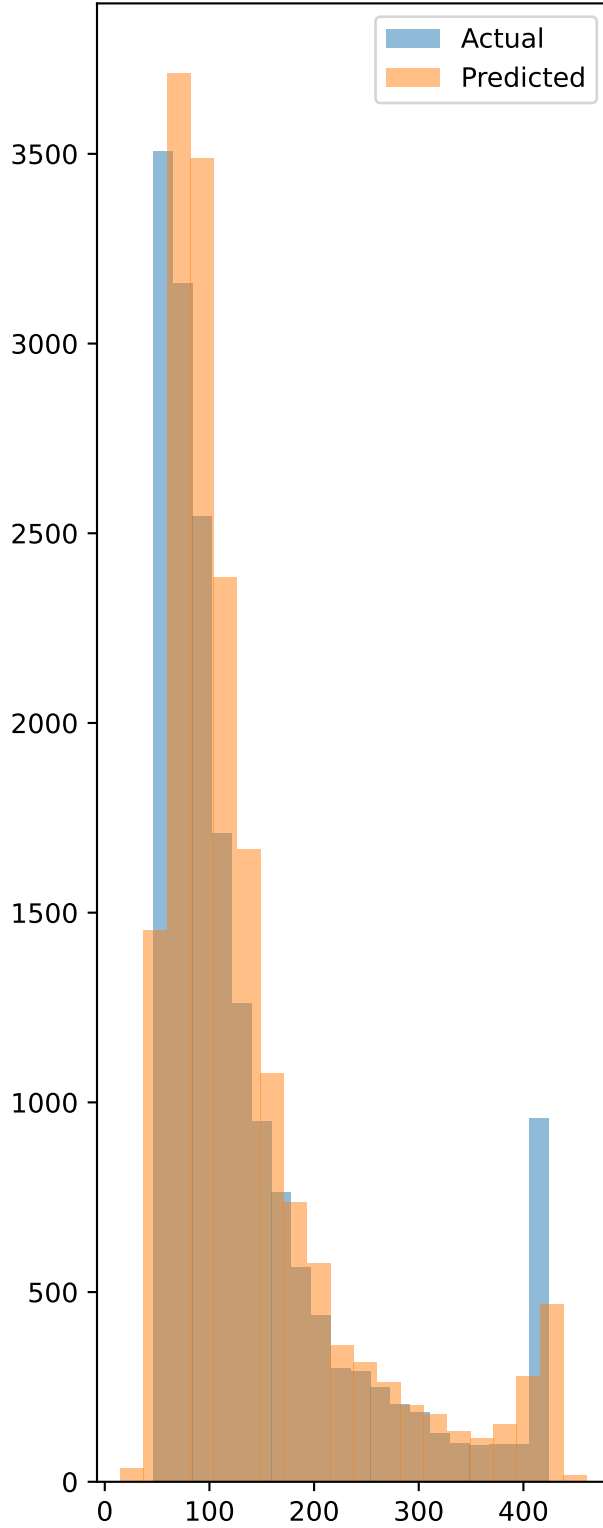


Distribution XGB model for  
Alanine Aminotransferase (ALT)  
Others group  
R2 score: 0.94  
Wasserstein Distance: 2.10

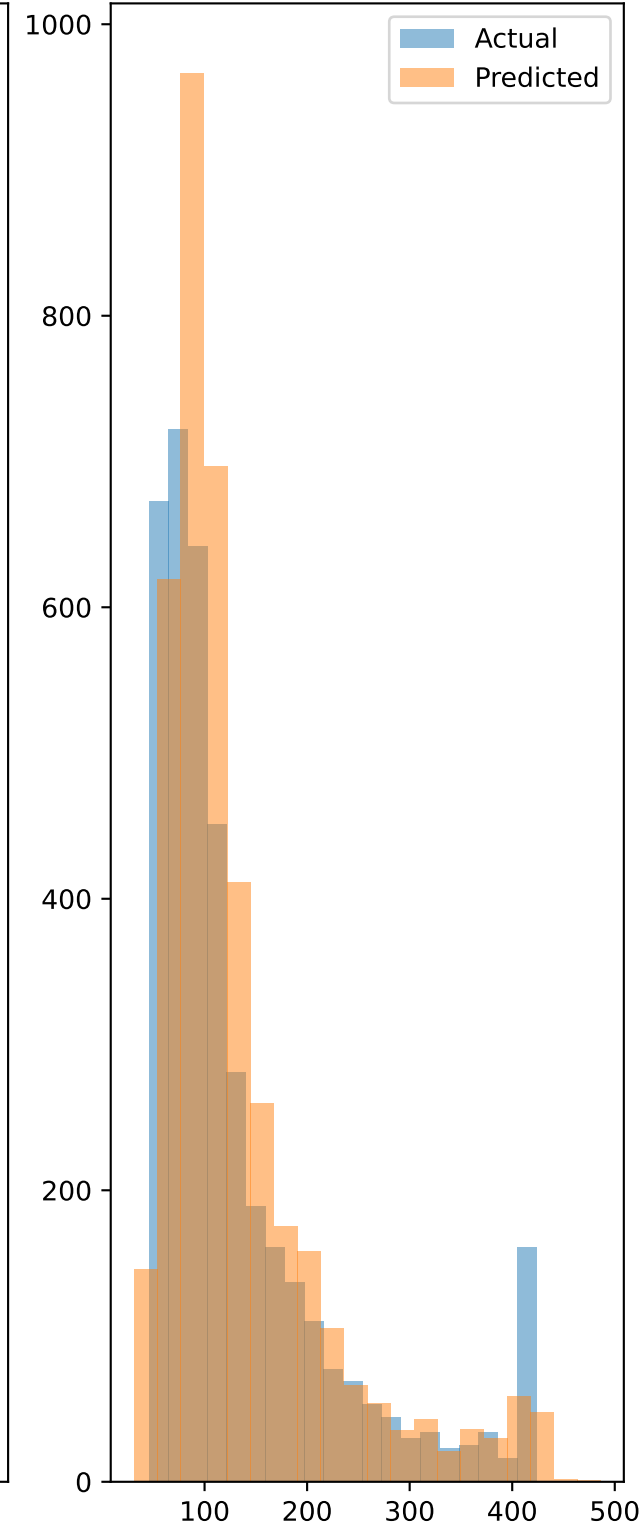




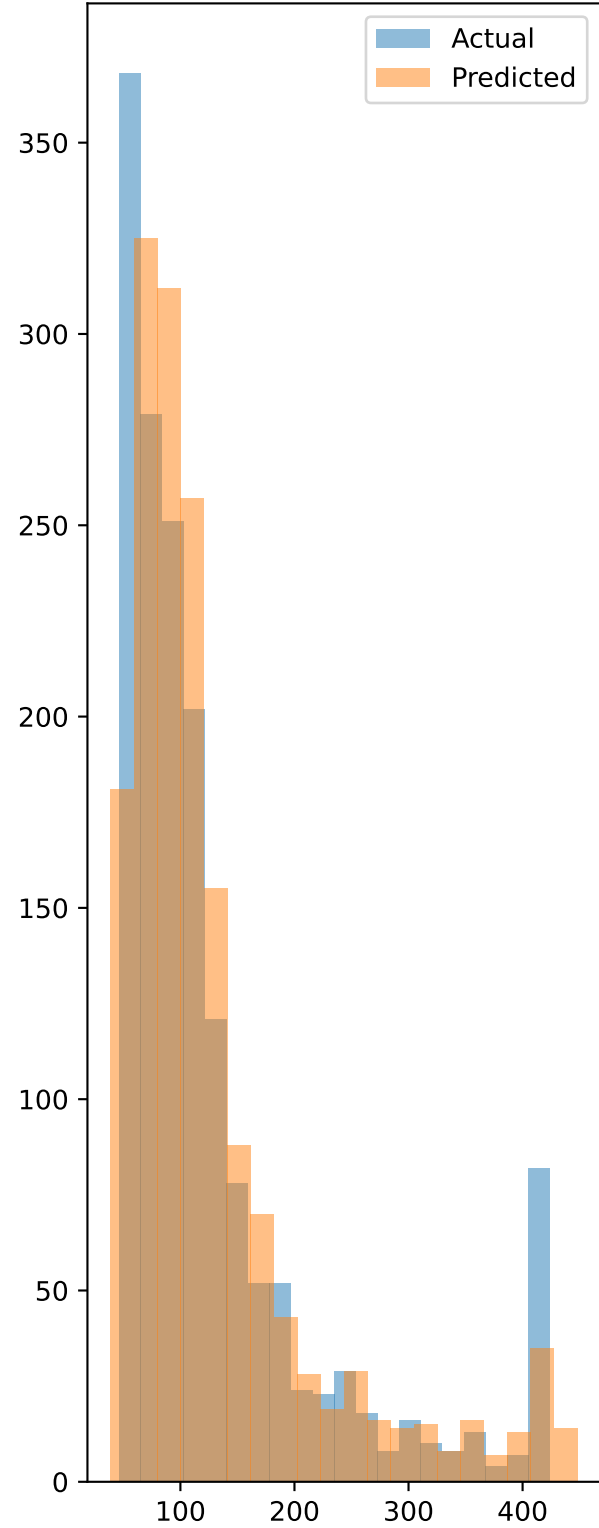
Distribution XGB model for  
Alkaline Phosphatase  
White group  
R2 score: 0.84  
Wasserstein Distance: 7.87



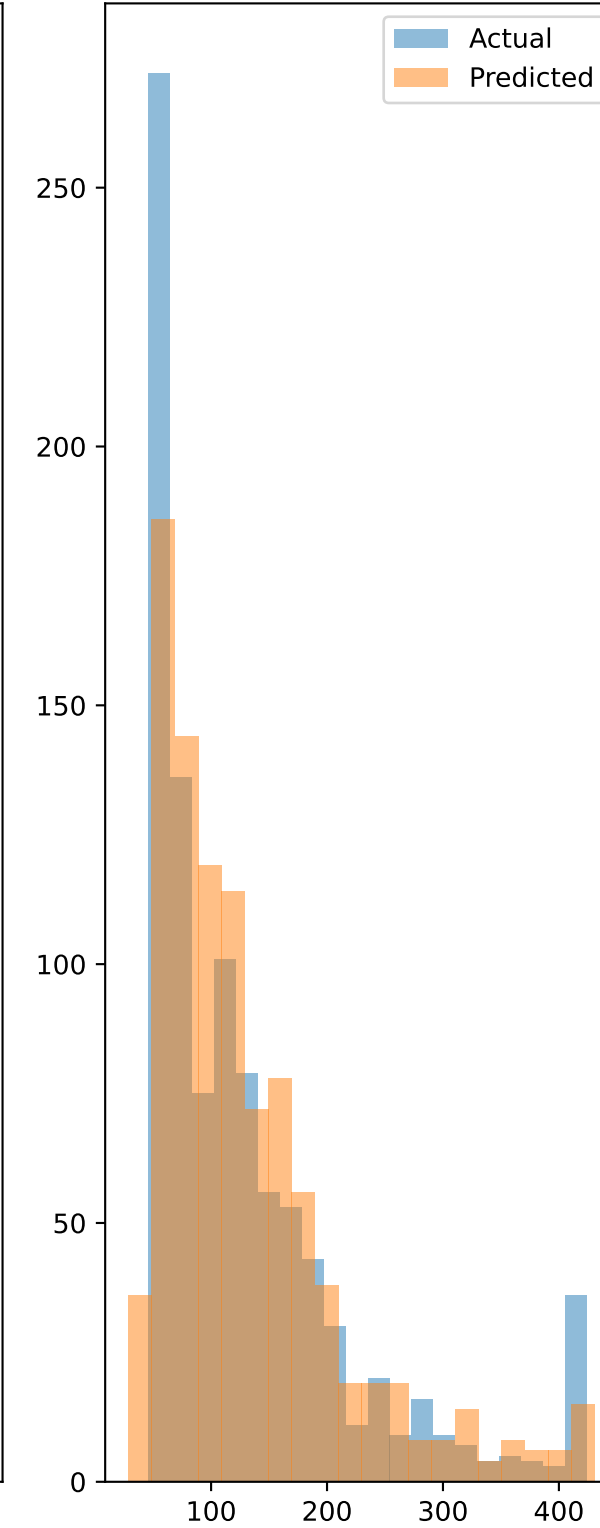
Distribution XGB model for  
Alkaline Phosphatase  
Black group  
R2 score: 0.79  
Wasserstein Distance: 9.84



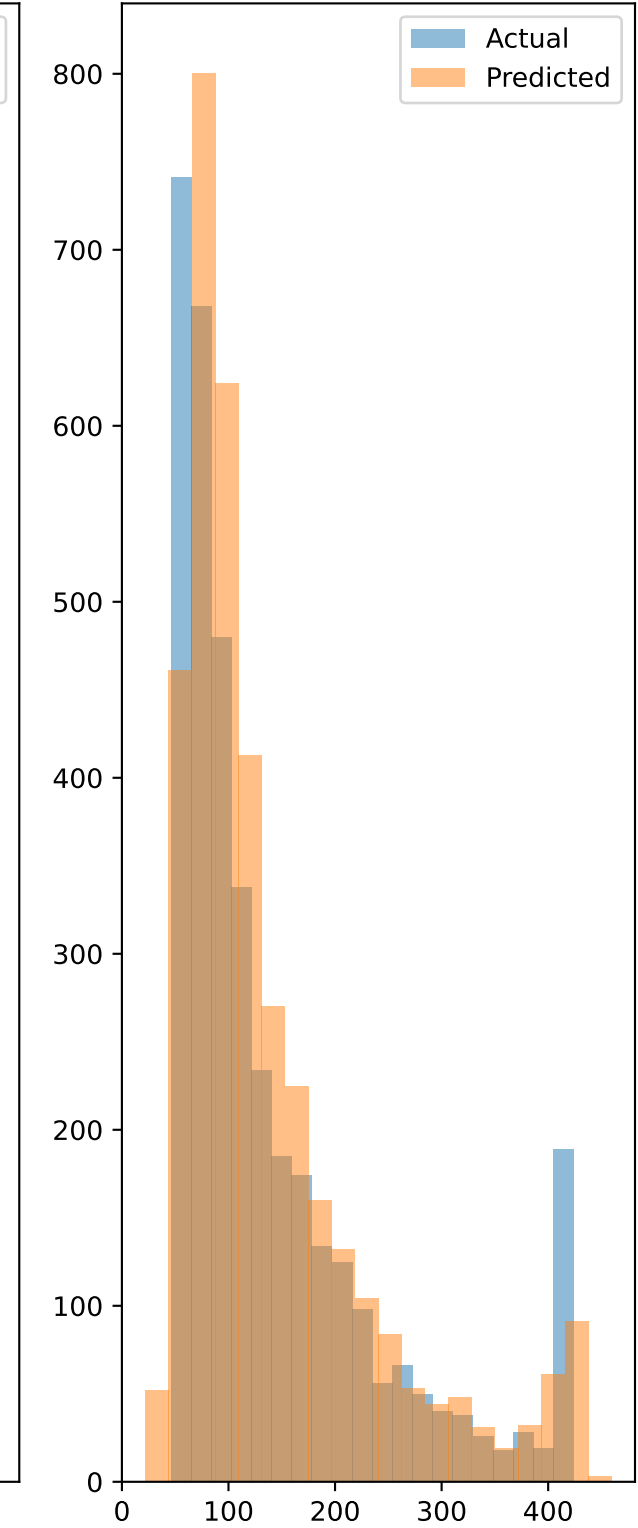
Distribution XGB model for  
Alkaline Phosphatase  
Hispanic group  
R2 score: 0.80  
Wasserstein Distance: 7.04



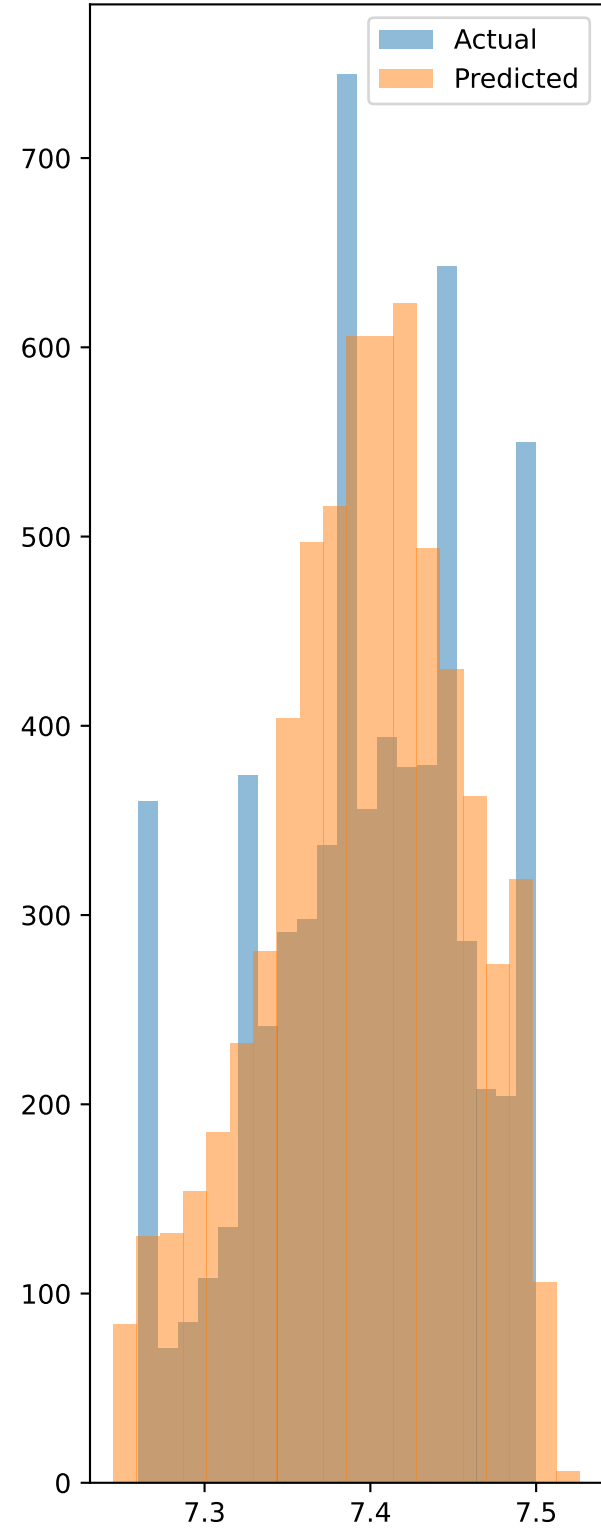
Distribution XGB model for  
Alkaline Phosphatase  
Asian group  
R2 score: 0.81  
Wasserstein Distance: 8.84



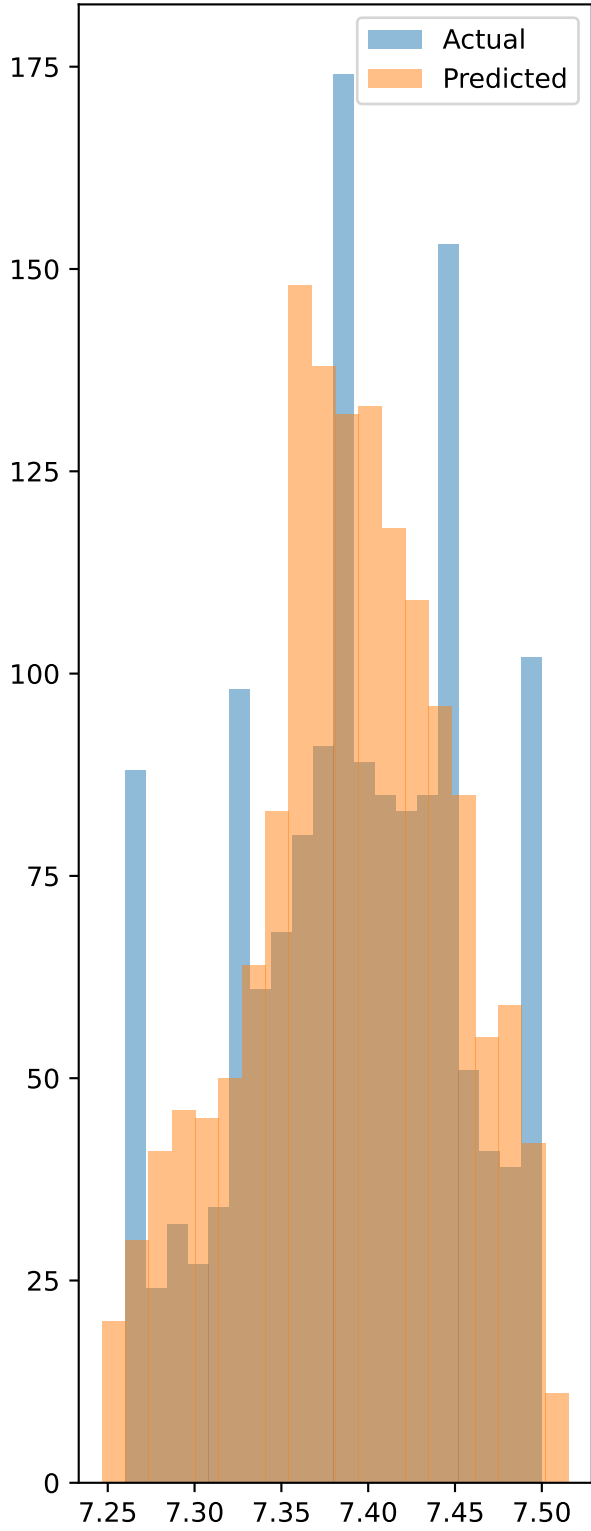
Distribution XGB model for  
Alkaline Phosphatase  
Others group  
R2 score: 0.87  
Wasserstein Distance: 7.64



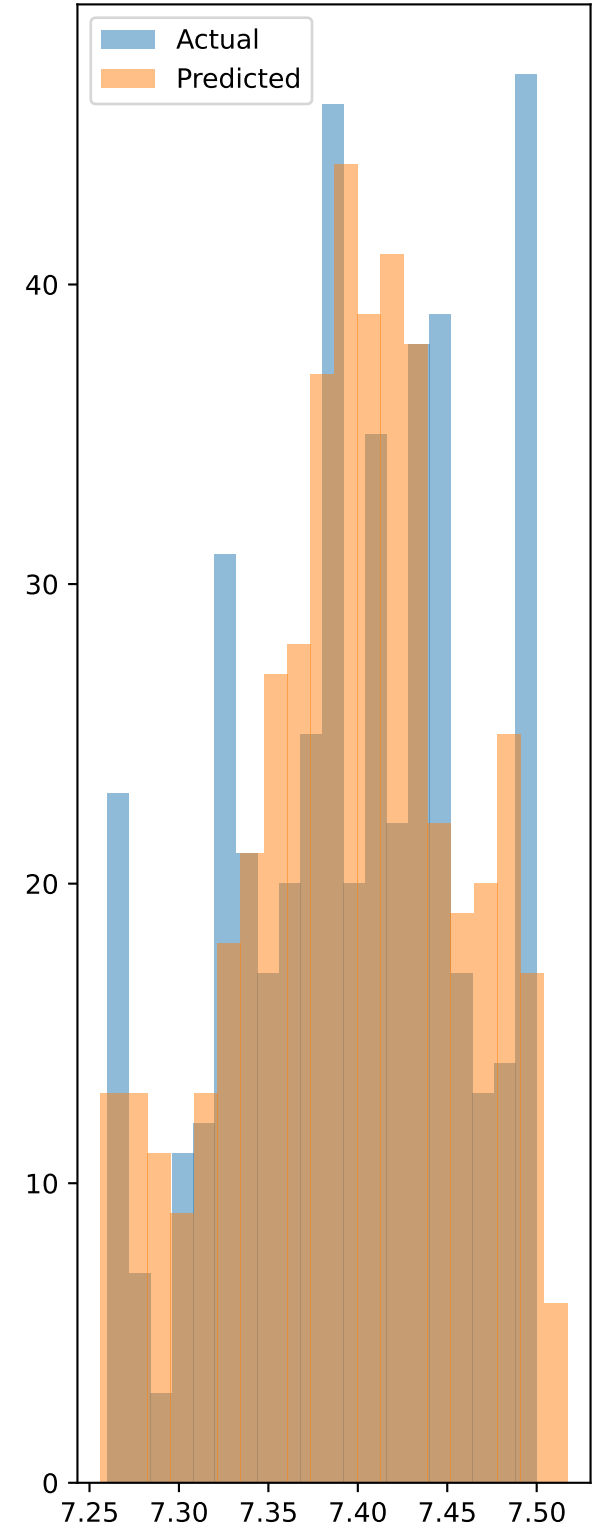
Distribution XGB model for  
pH  
White group  
R2 score: 0.88  
Wasserstein Distance: 0.00



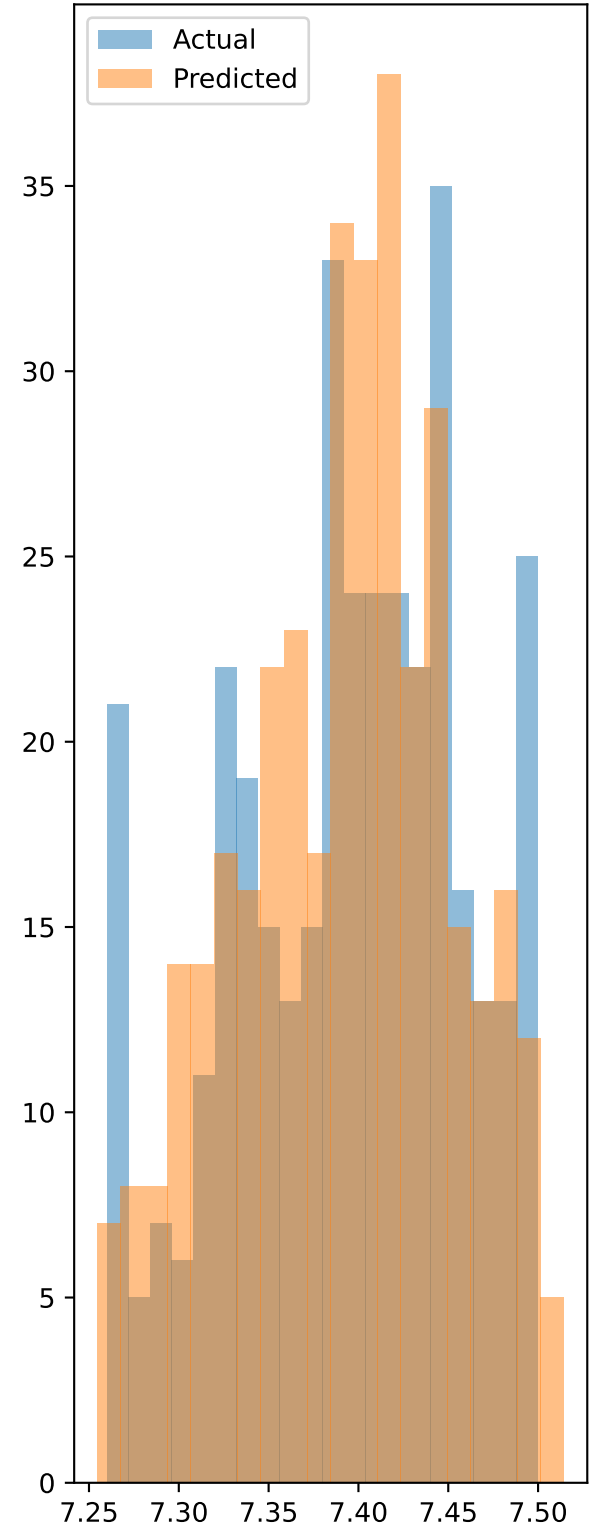
Distribution XGB model for  
pH  
Black group  
R2 score: 0.88  
Wasserstein Distance: 0.01



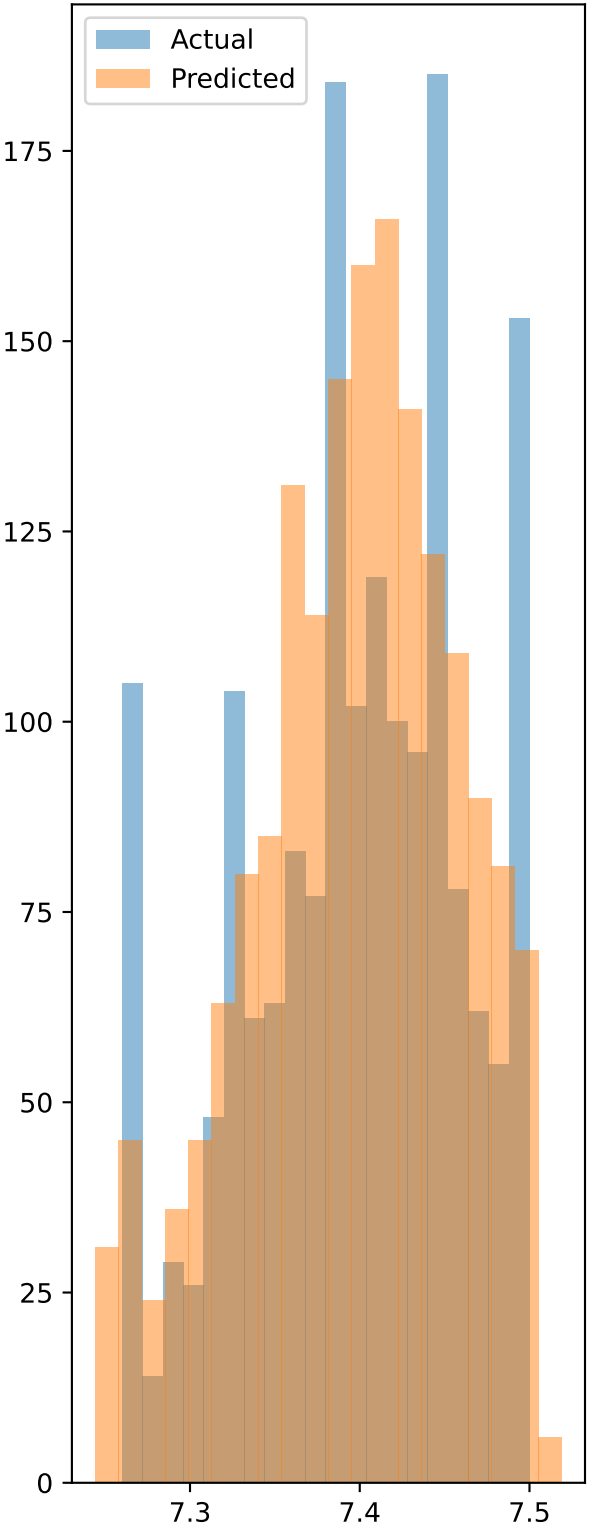
Distribution XGB model for  
pH  
Hispanic group  
R2 score: 0.90  
Wasserstein Distance: 0.01



Distribution XGB model for  
pH  
Asian group  
R2 score: 0.89  
Wasserstein Distance: 0.01

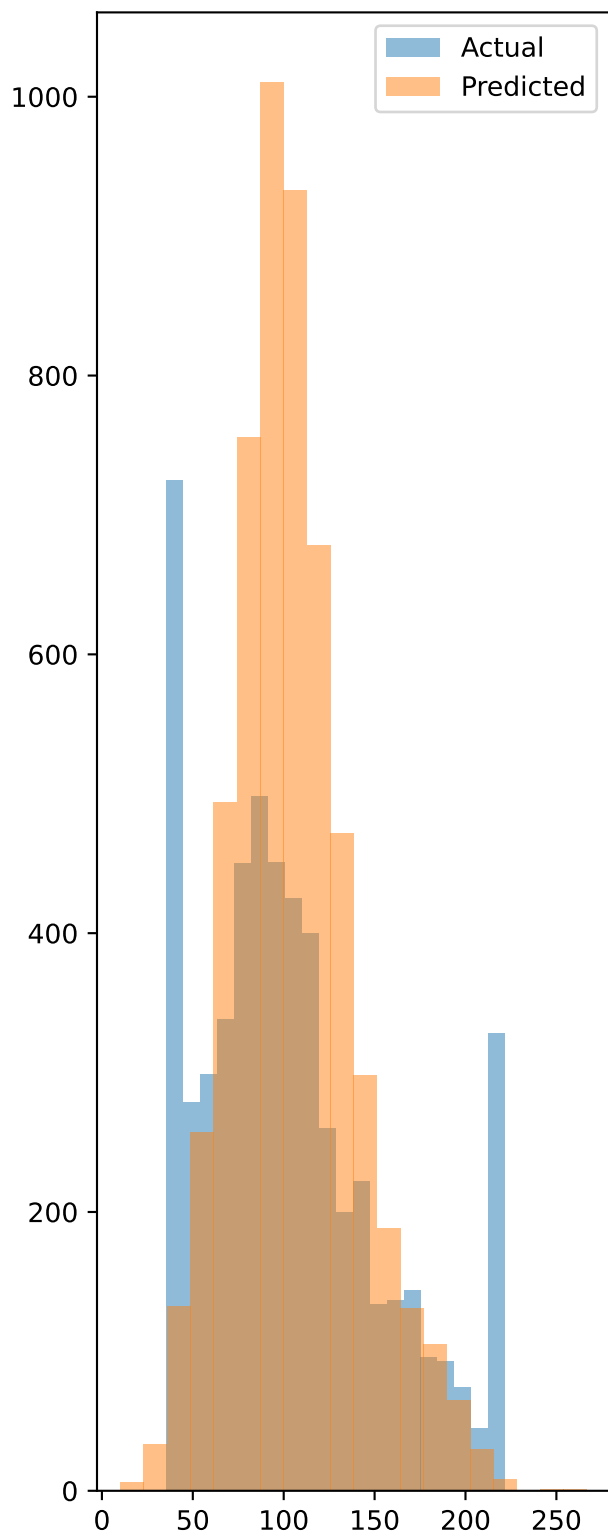


Distribution XGB model for  
pH  
Others group  
R2 score: 0.89  
Wasserstein Distance: 0.00

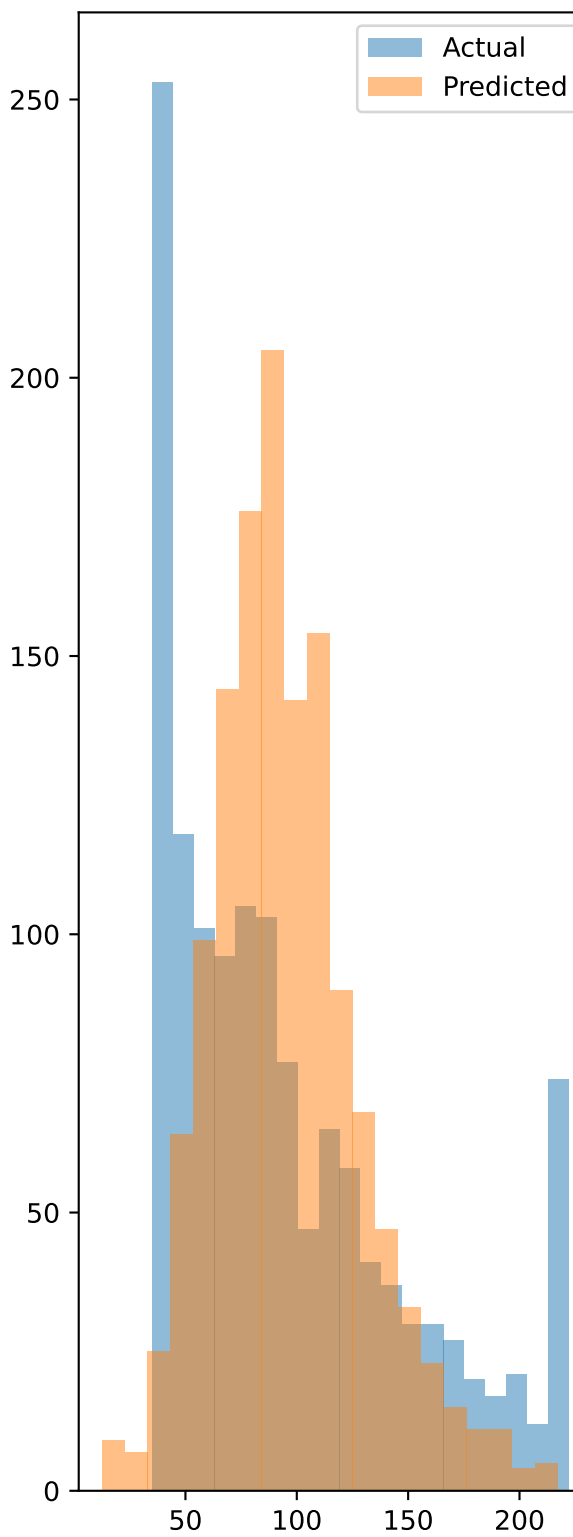




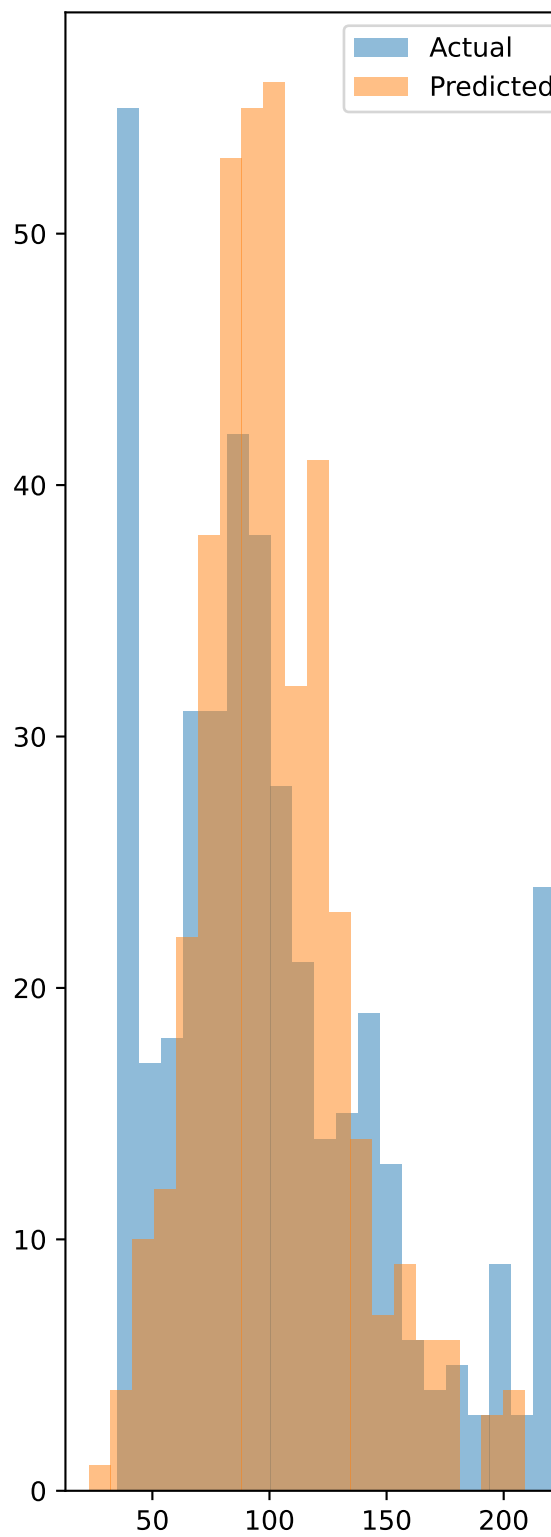
Distribution XGB model for  
pO2  
White group  
R2 score: 0.45  
Wasserstein Distance: 15.20



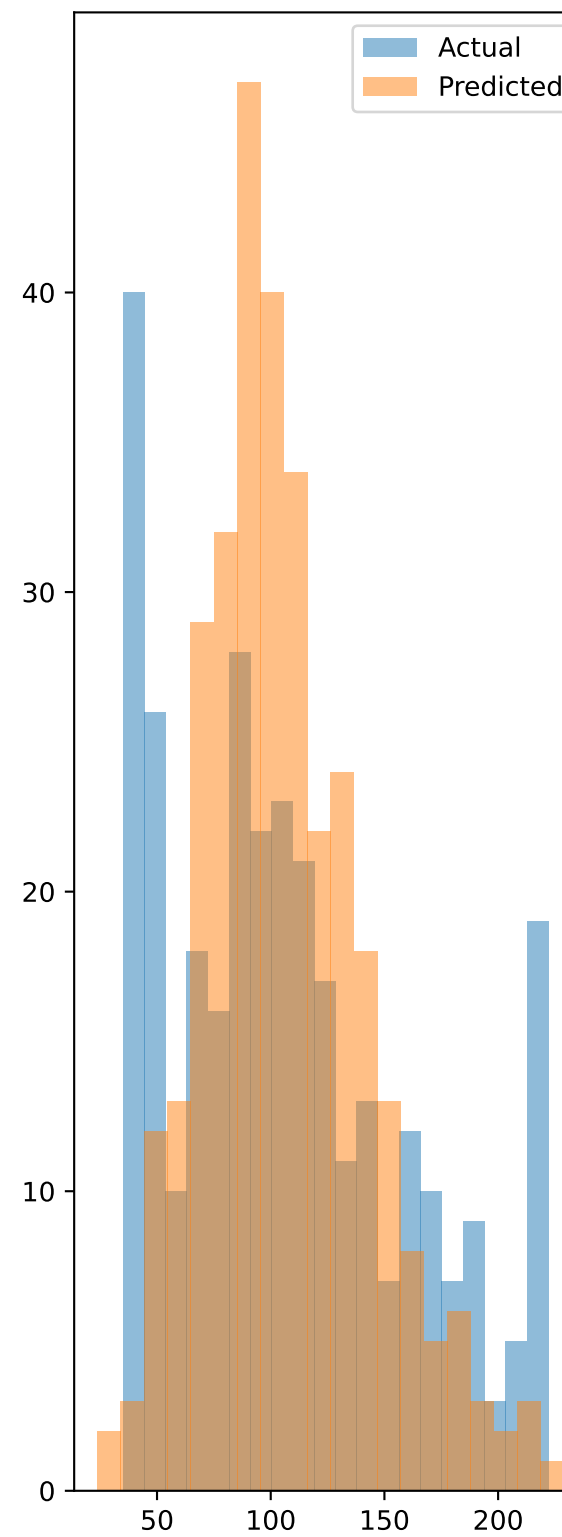
Distribution XGB model for  
pO2  
Black group  
R2 score: 0.45  
Wasserstein Distance: 18.70



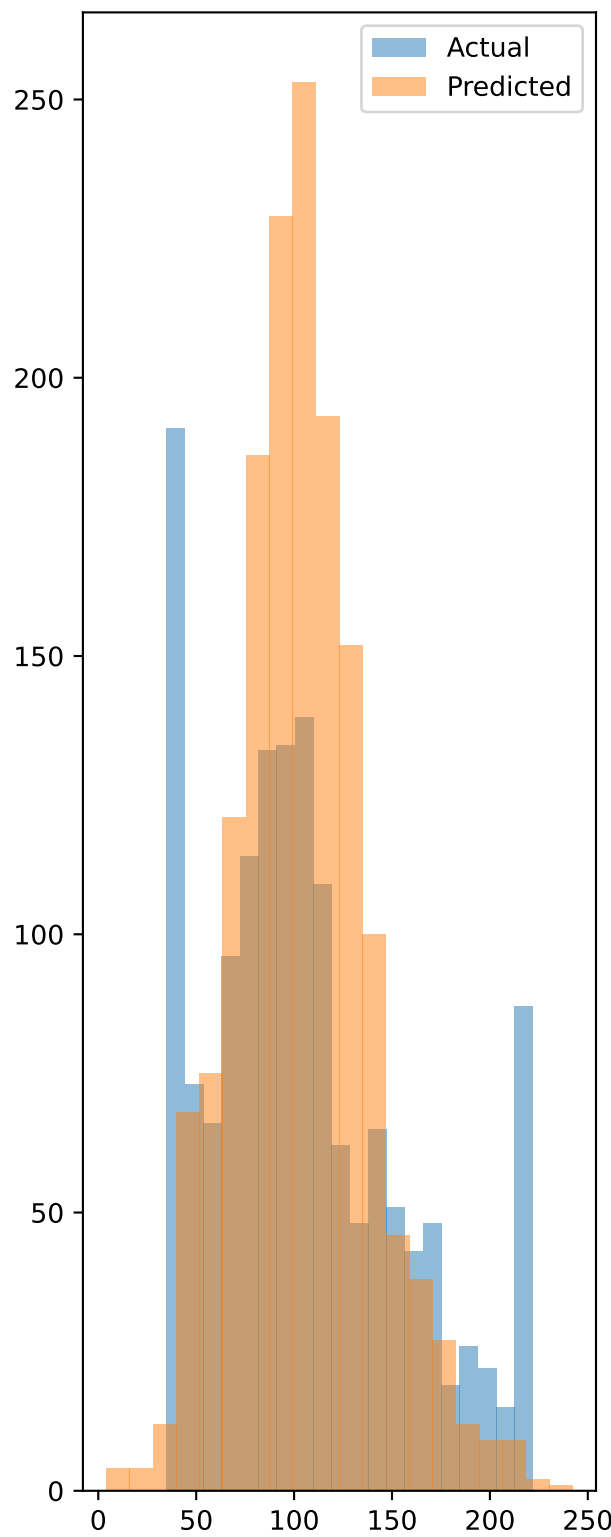
Distribution XGB model for  
pO2  
Hispanic group  
R2 score: 0.40  
Wasserstein Distance: 15.67



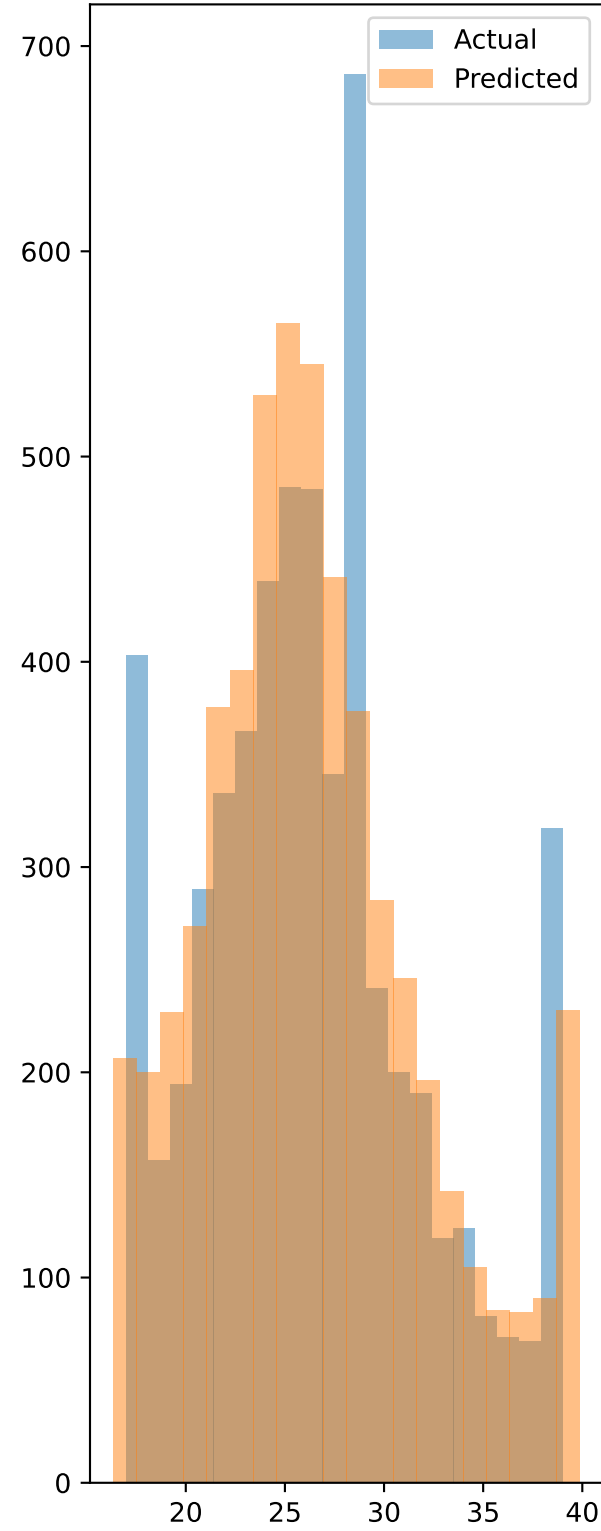
Distribution XGB model for  
pO2  
Asian group  
R2 score: 0.50  
Wasserstein Distance: 15.79



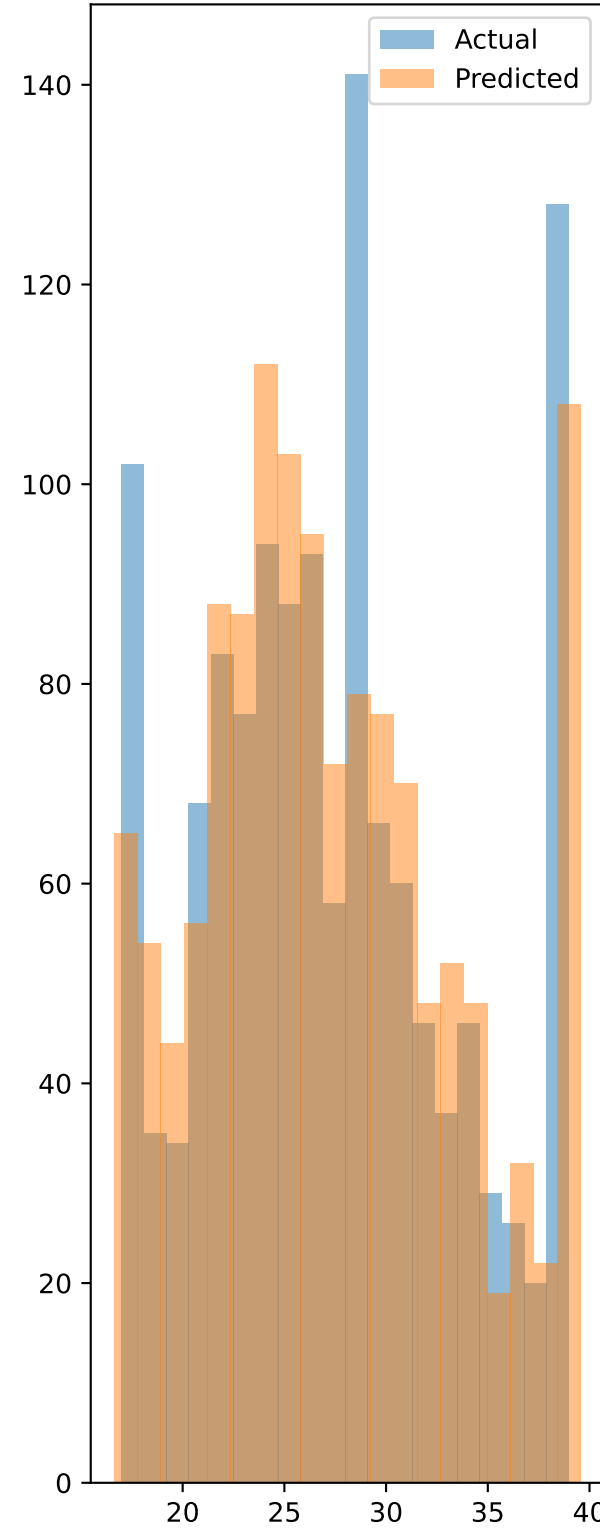
Distribution XGB model for  
pO2  
Others group  
R2 score: 0.47  
Wasserstein Distance: 14.86



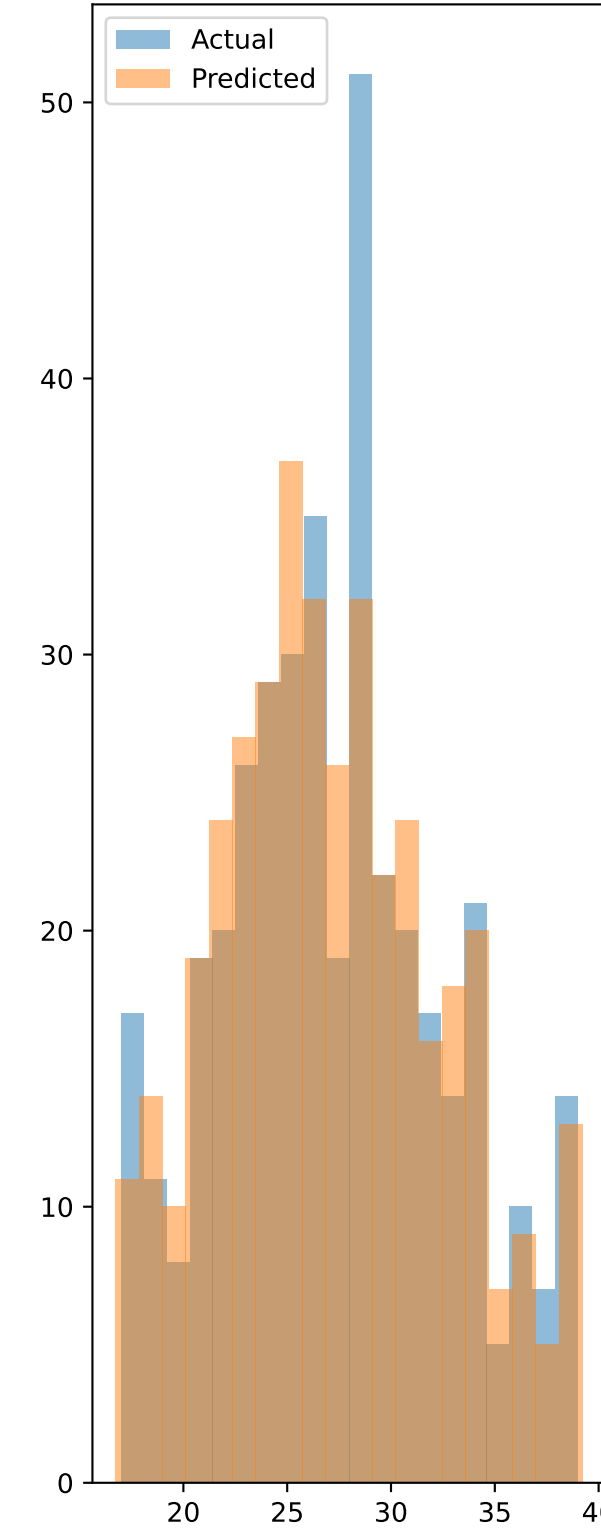
Distribution XGB model for  
Calculated Total CO2  
White group  
R2 score: 0.99  
Wasserstein Distance: 0.25



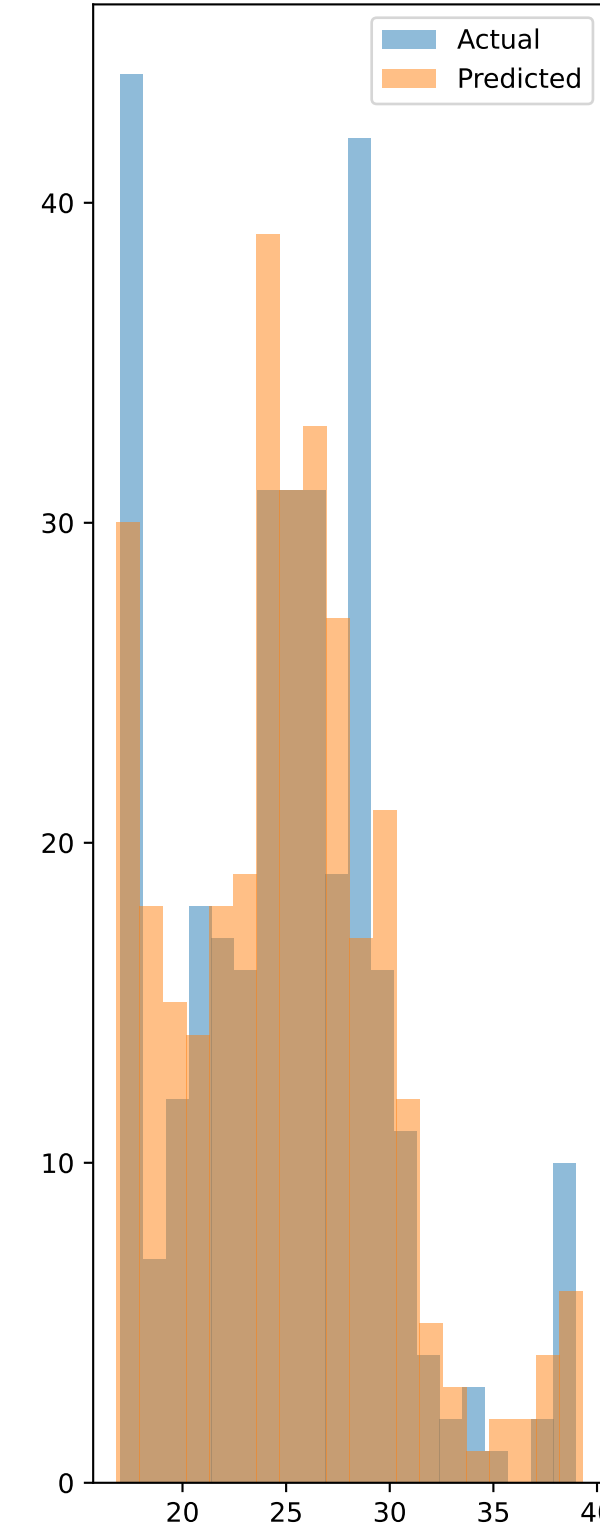
Distribution XGB model for  
Calculated Total CO2  
Black group  
R2 score: 0.99  
Wasserstein Distance: 0.24



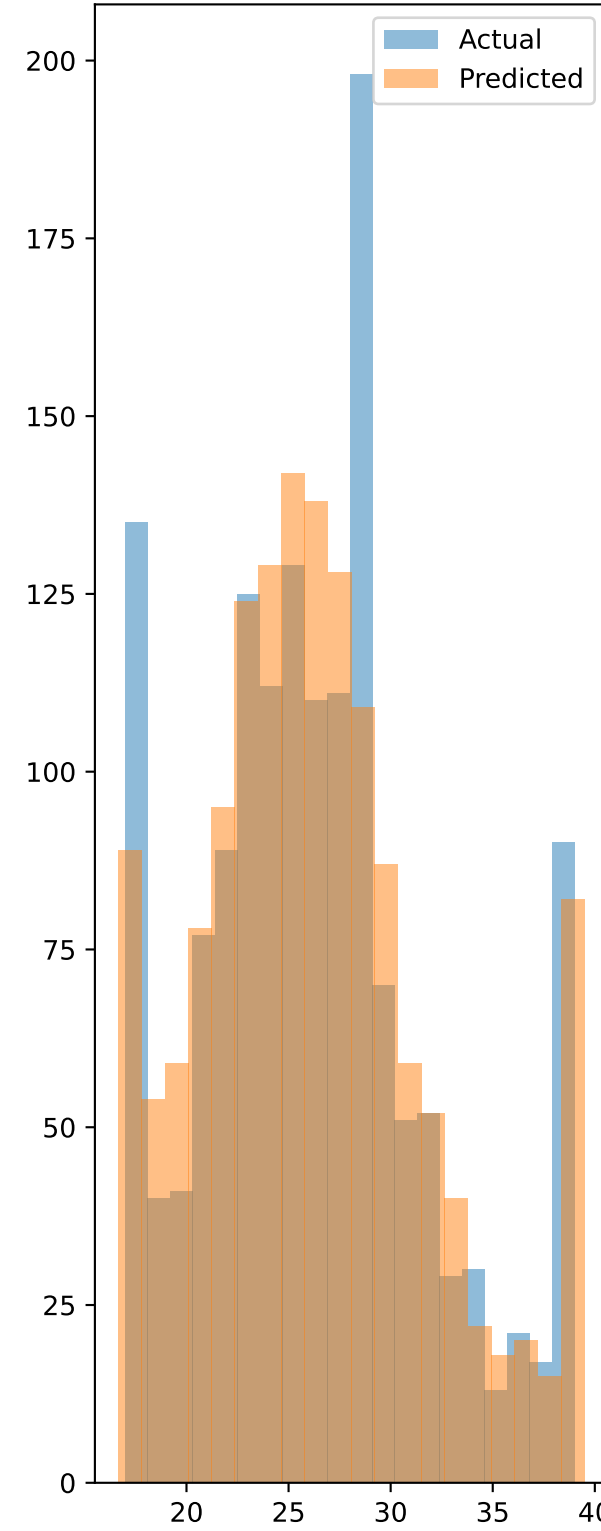
Distribution XGB model for  
Calculated Total CO2  
Hispanic group  
R2 score: 0.98  
Wasserstein Distance: 0.26



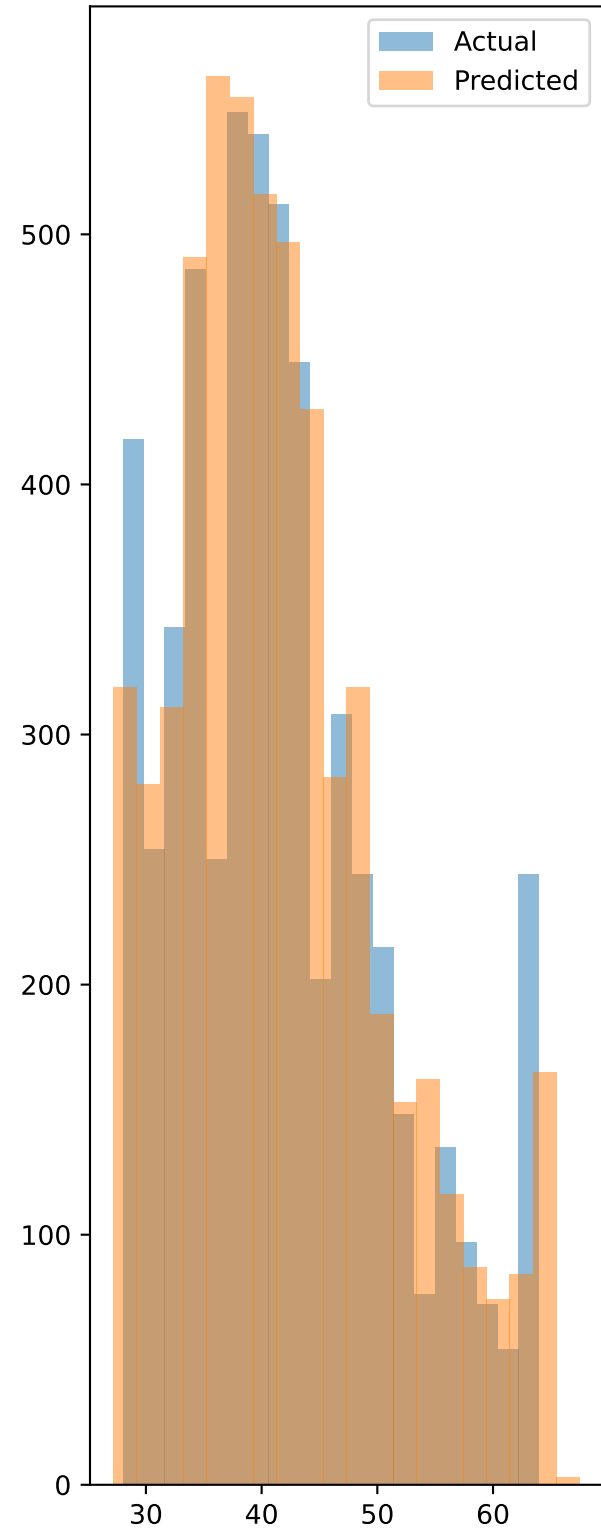
Distribution XGB model for  
Calculated Total CO2  
Asian group  
R2 score: 0.99  
Wasserstein Distance: 0.26



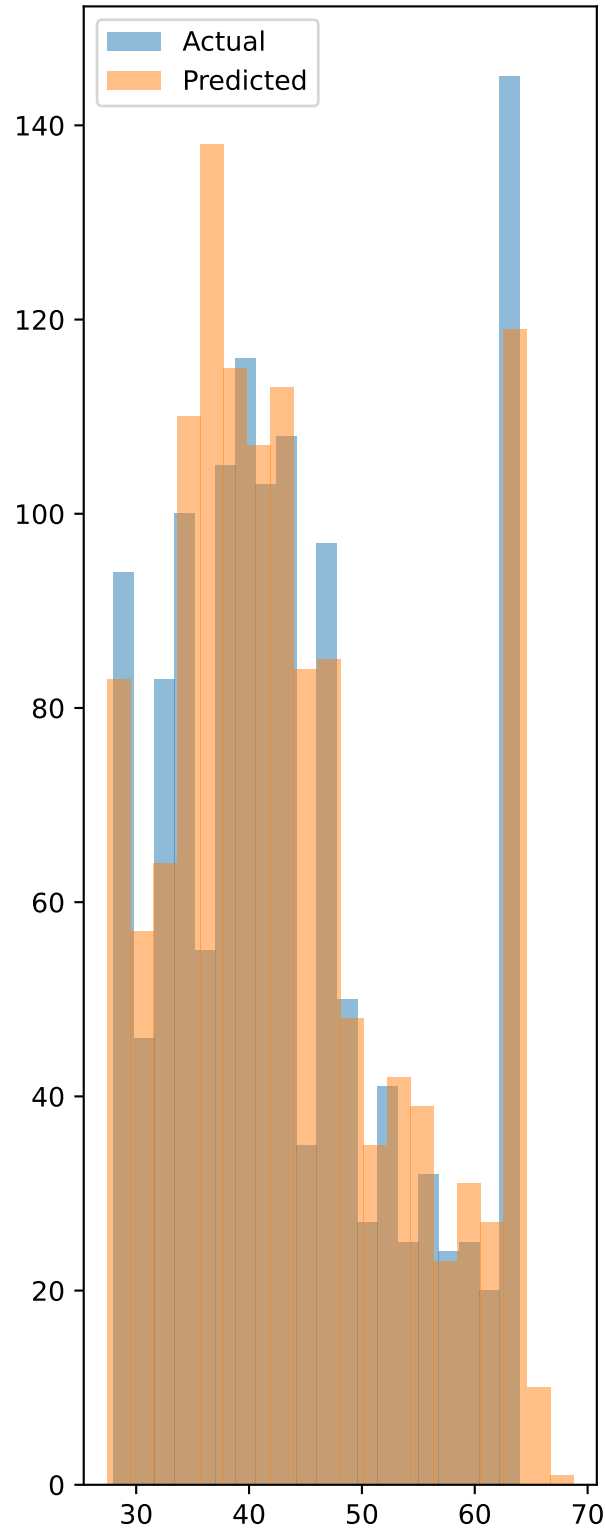
Distribution XGB model for  
Calculated Total CO2  
Others group  
R2 score: 0.99  
Wasserstein Distance: 0.25



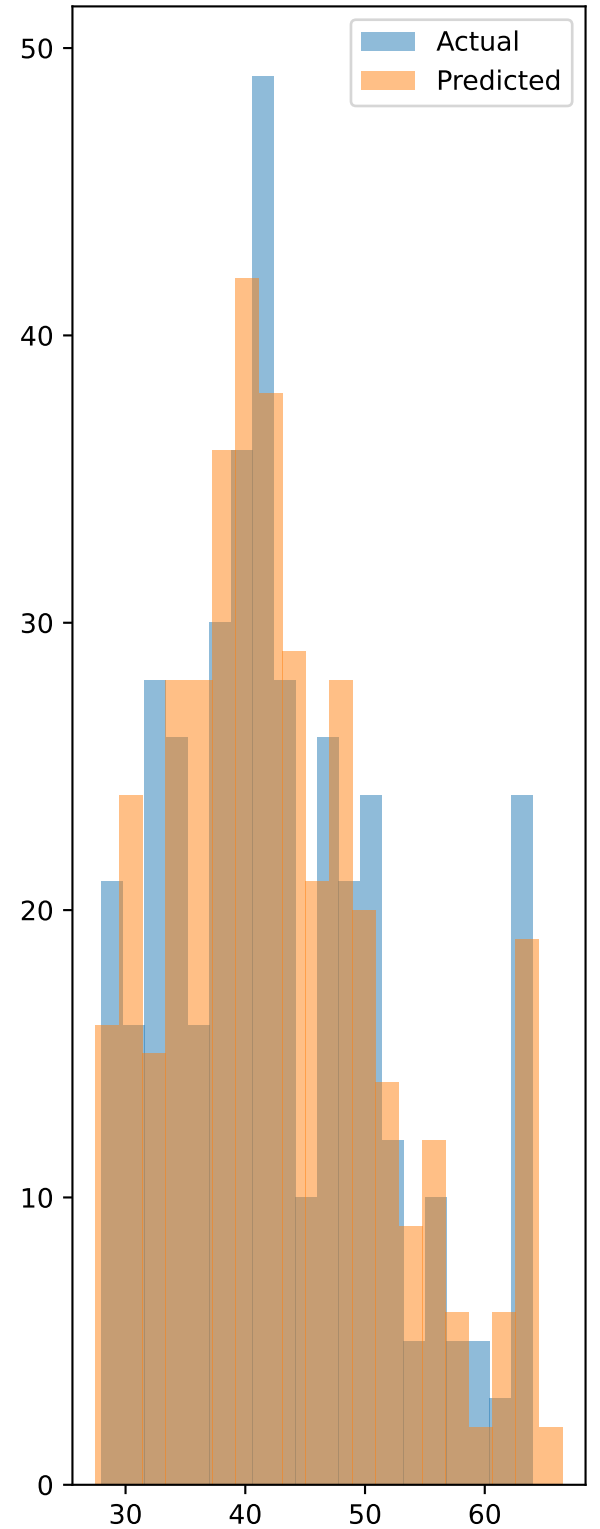
Distribution XGB model for  
pCO2  
White group  
R2 score: 0.97  
Wasserstein Distance: 0.33



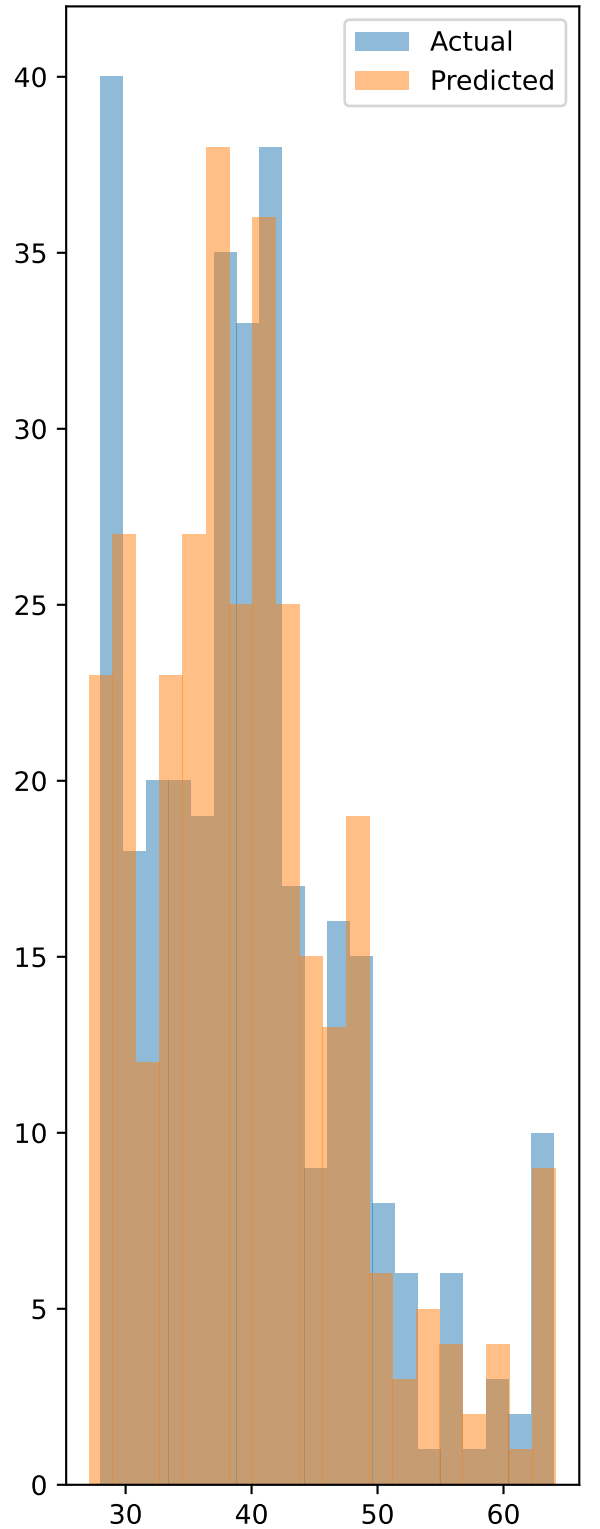
Distribution XGB model for  
pCO2  
Black group  
R2 score: 0.98  
Wasserstein Distance: 0.38



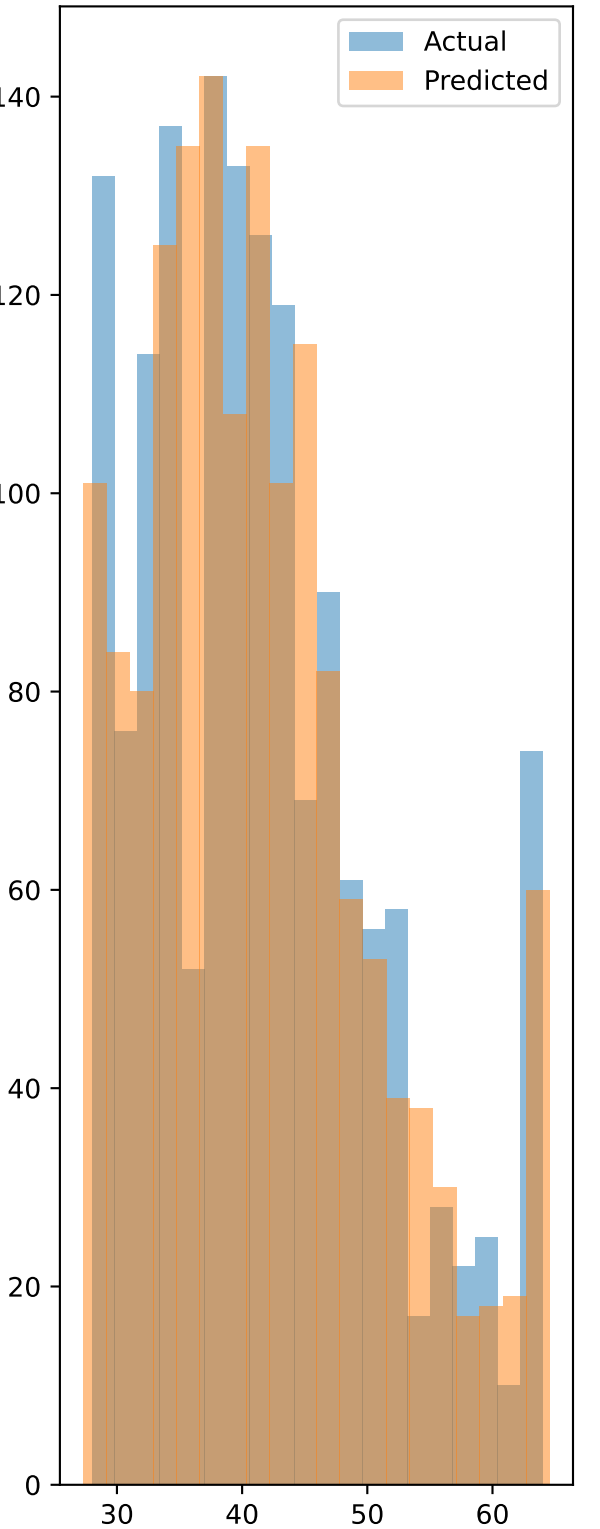
Distribution XGB model for  
pCO2  
Hispanic group  
R2 score: 0.98  
Wasserstein Distance: 0.38



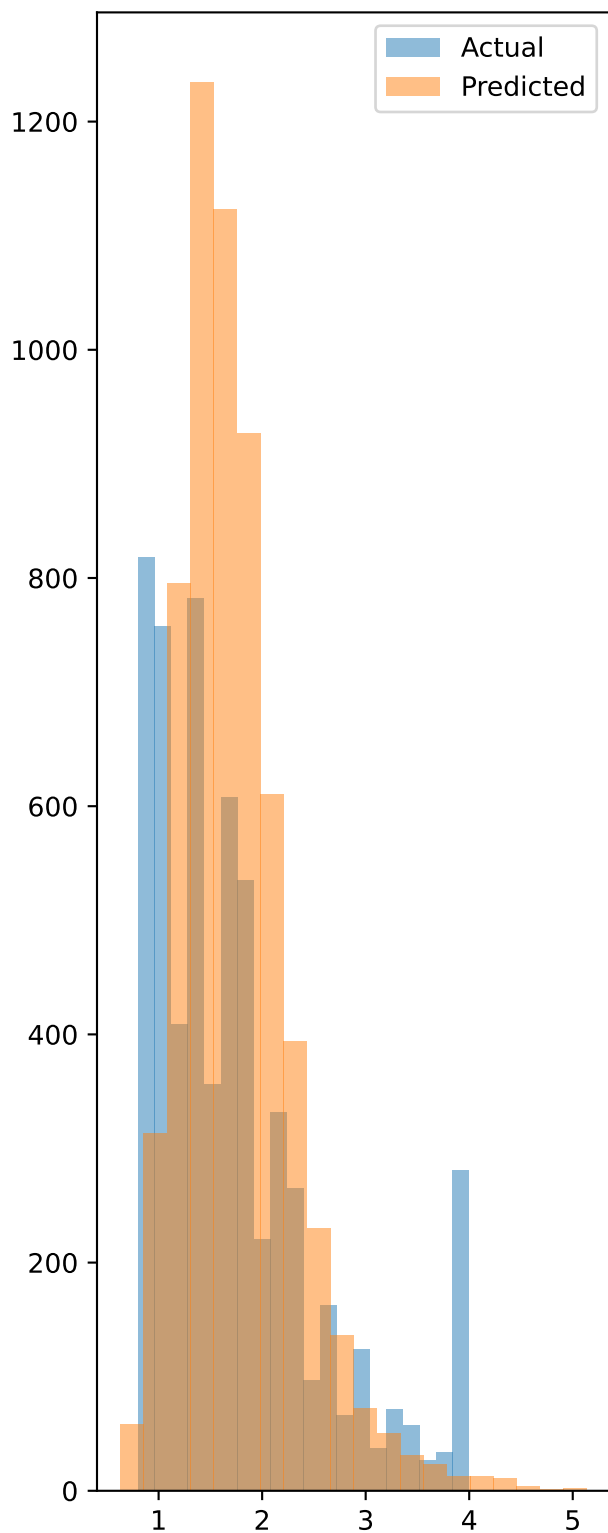
Distribution XGB model for  
pCO2  
Asian group  
R2 score: 0.95  
Wasserstein Distance: 0.44



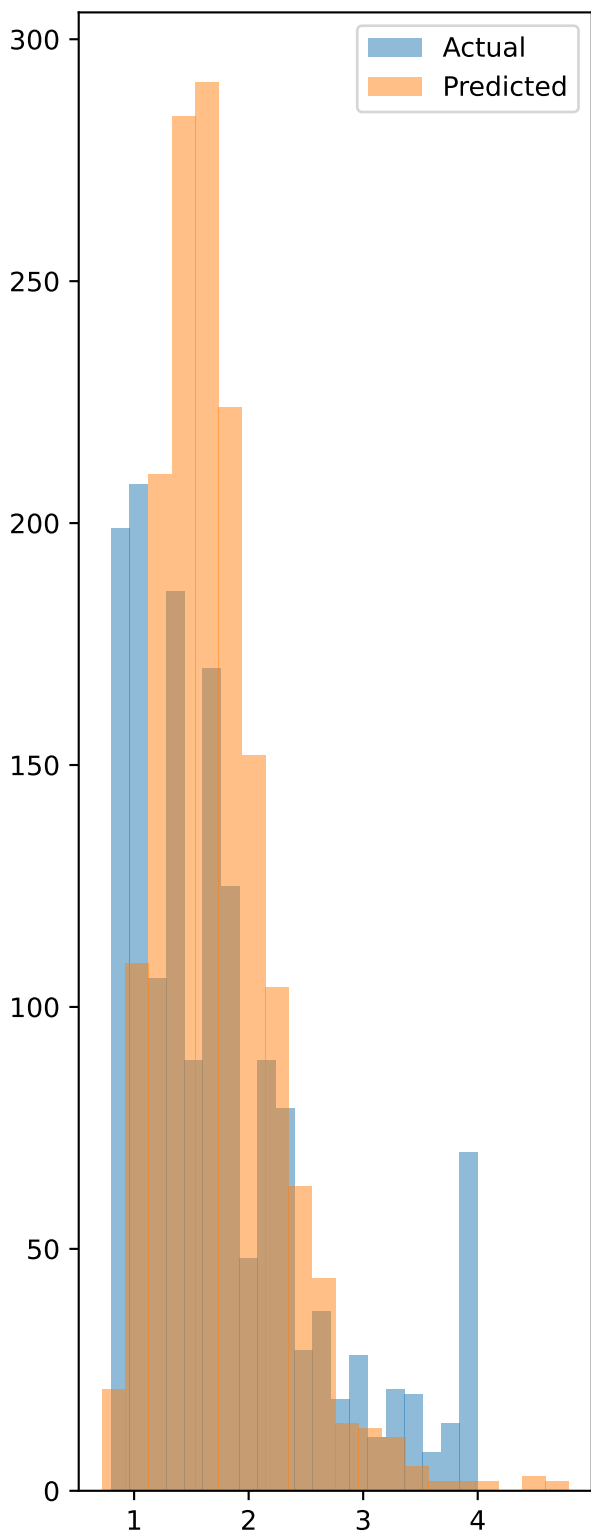
Distribution XGB model for  
pCO2  
Others group  
R2 score: 0.97  
Wasserstein Distance: 0.37



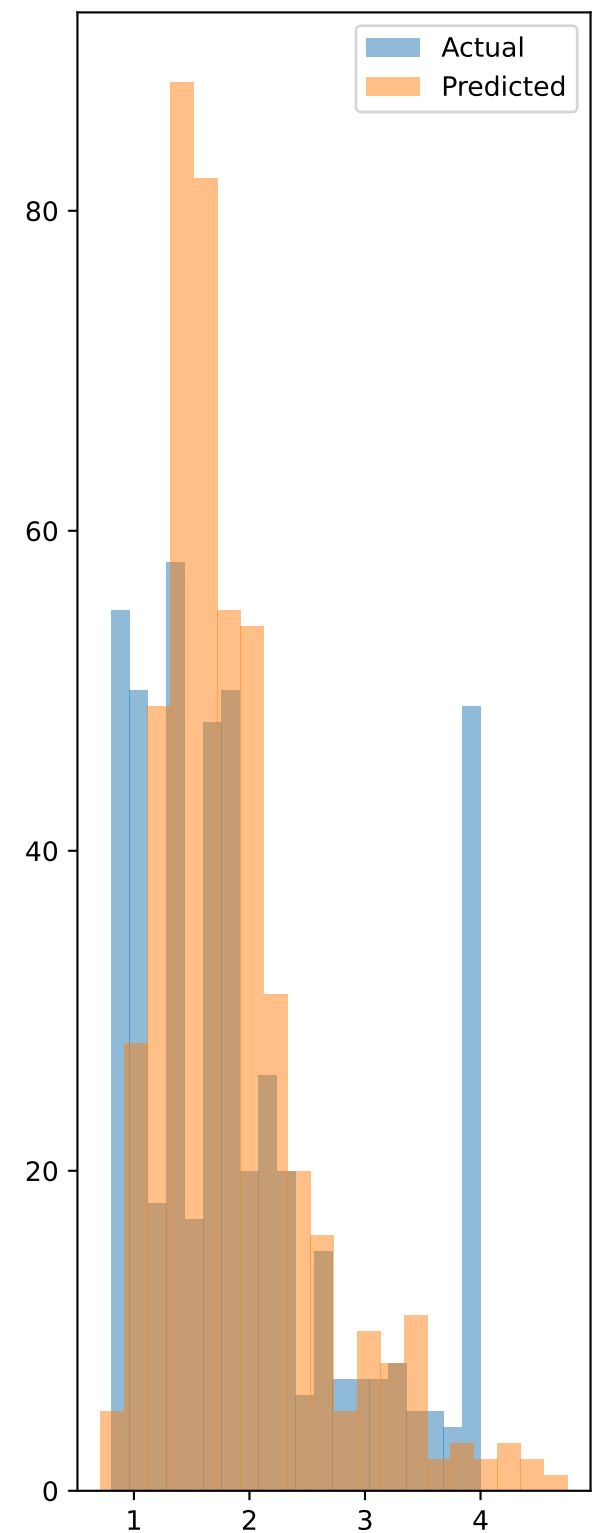
Distribution XGB model for  
Lactate  
White group  
R2 score: 0.45  
Wasserstein Distance: 0.23



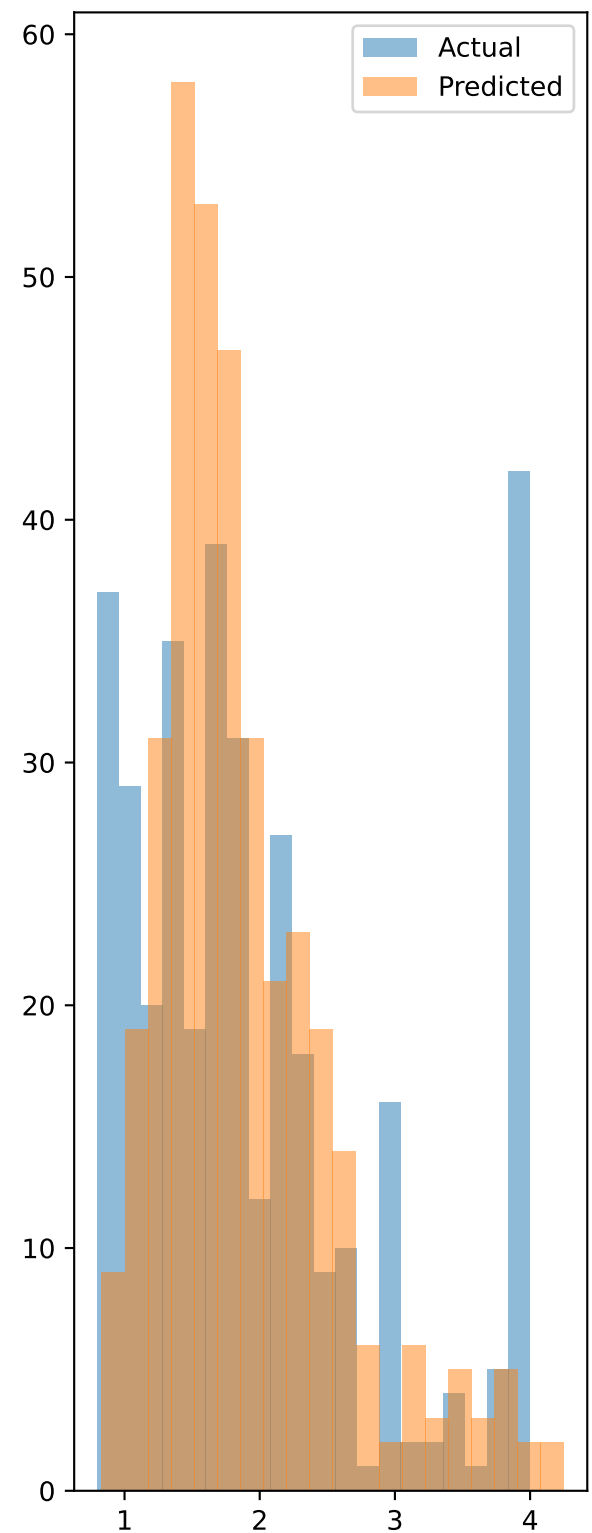
Distribution XGB model for  
Lactate  
Black group  
R2 score: 0.40  
Wasserstein Distance: 0.25



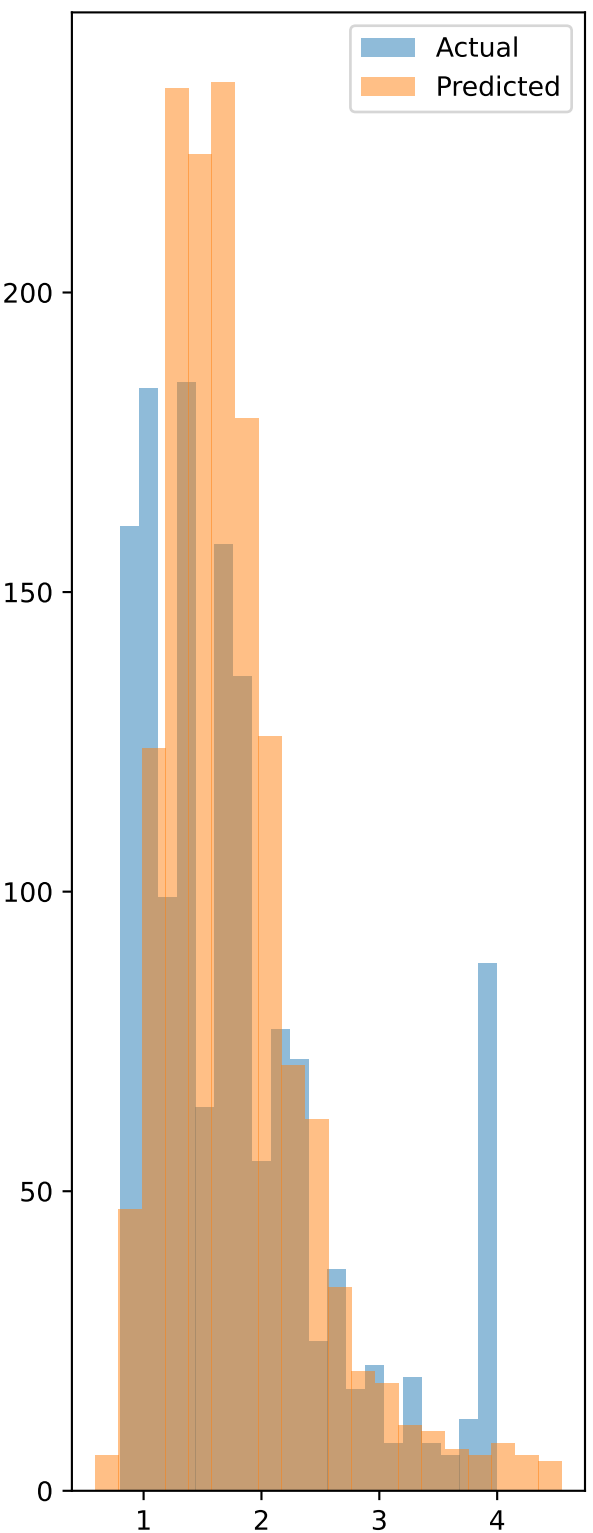
Distribution XGB model for  
Lactate  
Hispanic group  
R2 score: 0.51  
Wasserstein Distance: 0.27



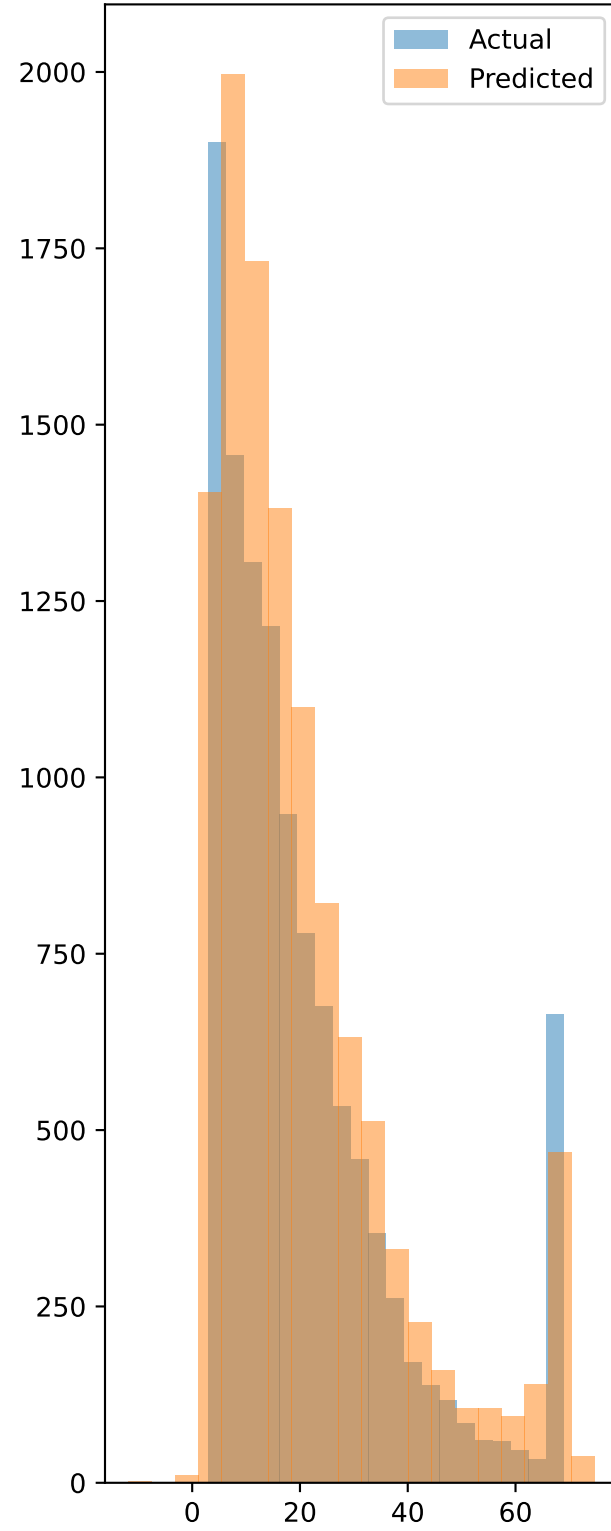
Distribution XGB model for  
Lactate  
Asian group  
R2 score: 0.51  
Wasserstein Distance: 0.28



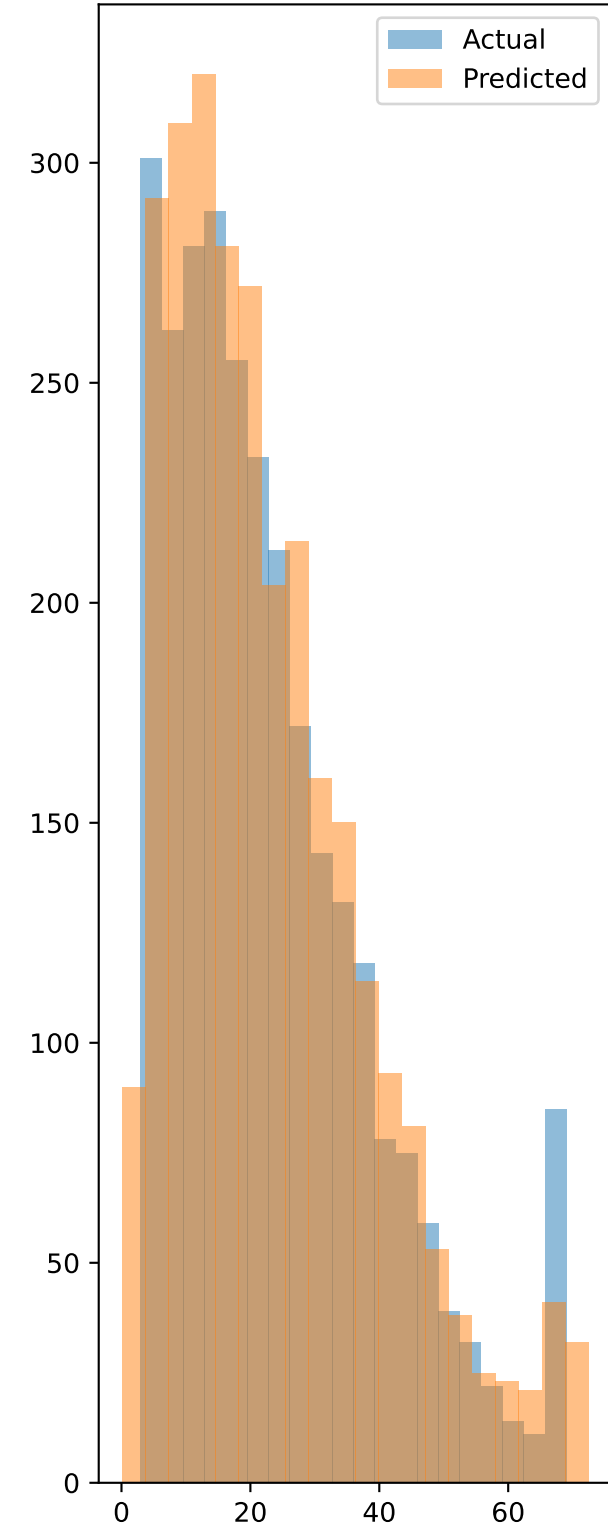
Distribution XGB model for  
Lactate  
Others group  
R2 score: 0.49  
Wasserstein Distance: 0.20



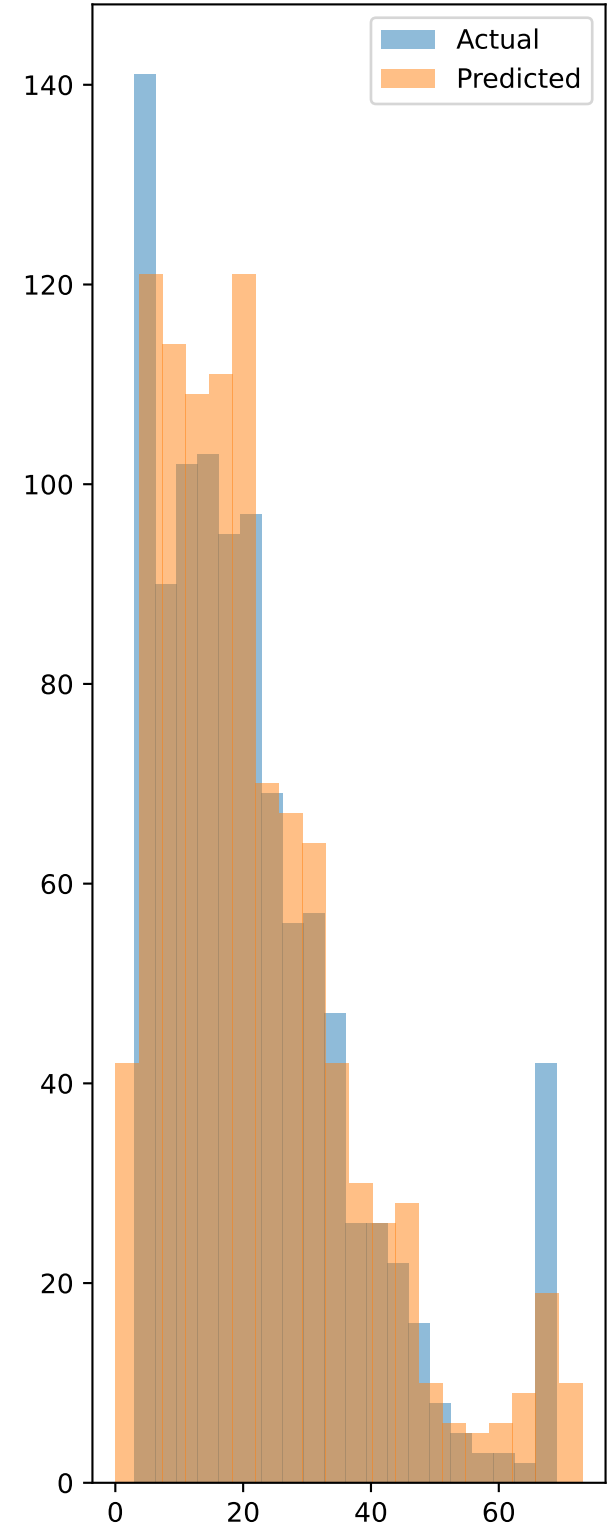
Distribution XGB model for  
Lymphocytes  
White group  
R2 score: 0.97  
Wasserstein Distance: 0.29



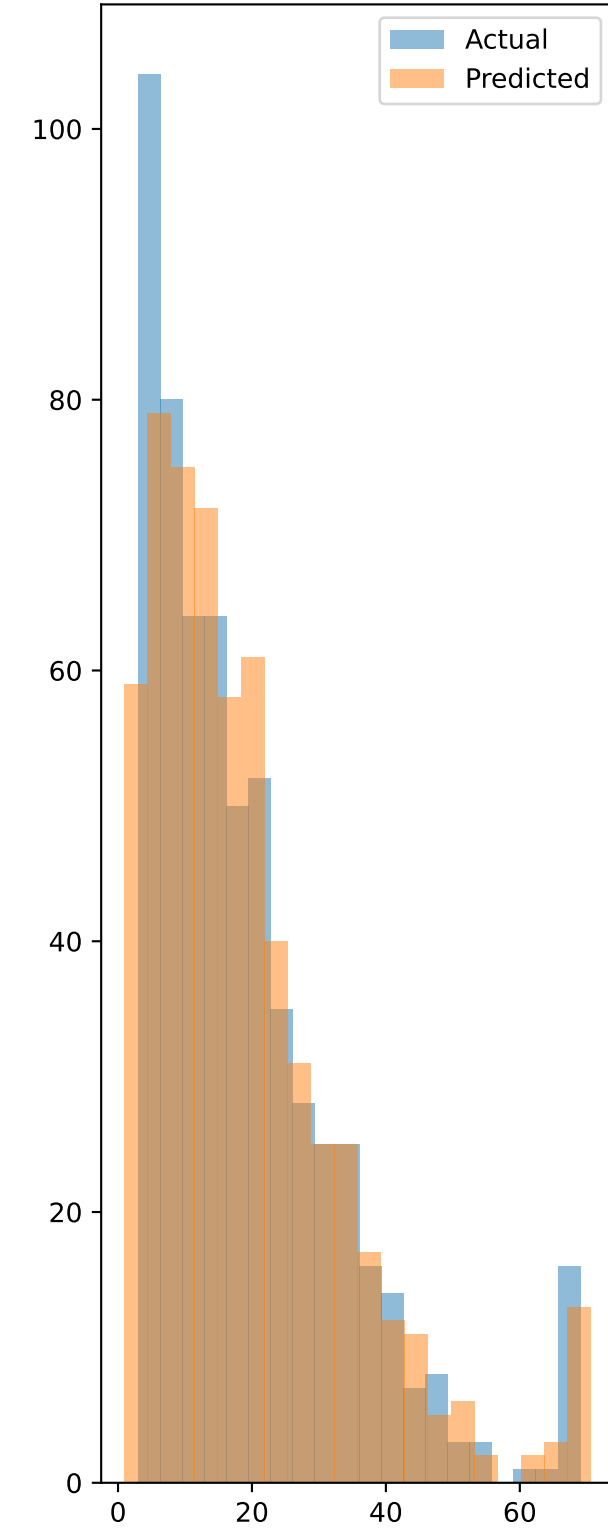
Distribution XGB model for  
Lymphocytes  
Black group  
R2 score: 0.97  
Wasserstein Distance: 0.22



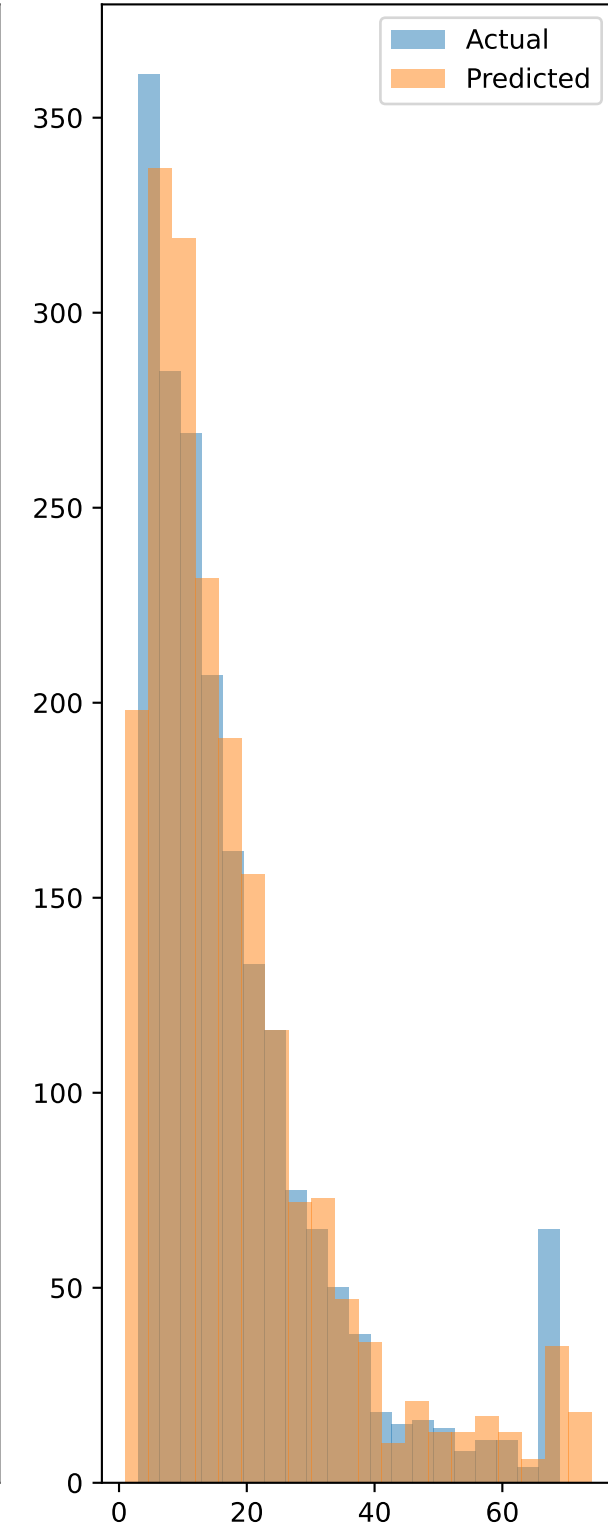
Distribution XGB model for  
Lymphocytes  
Hispanic group  
R2 score: 0.97  
Wasserstein Distance: 0.37



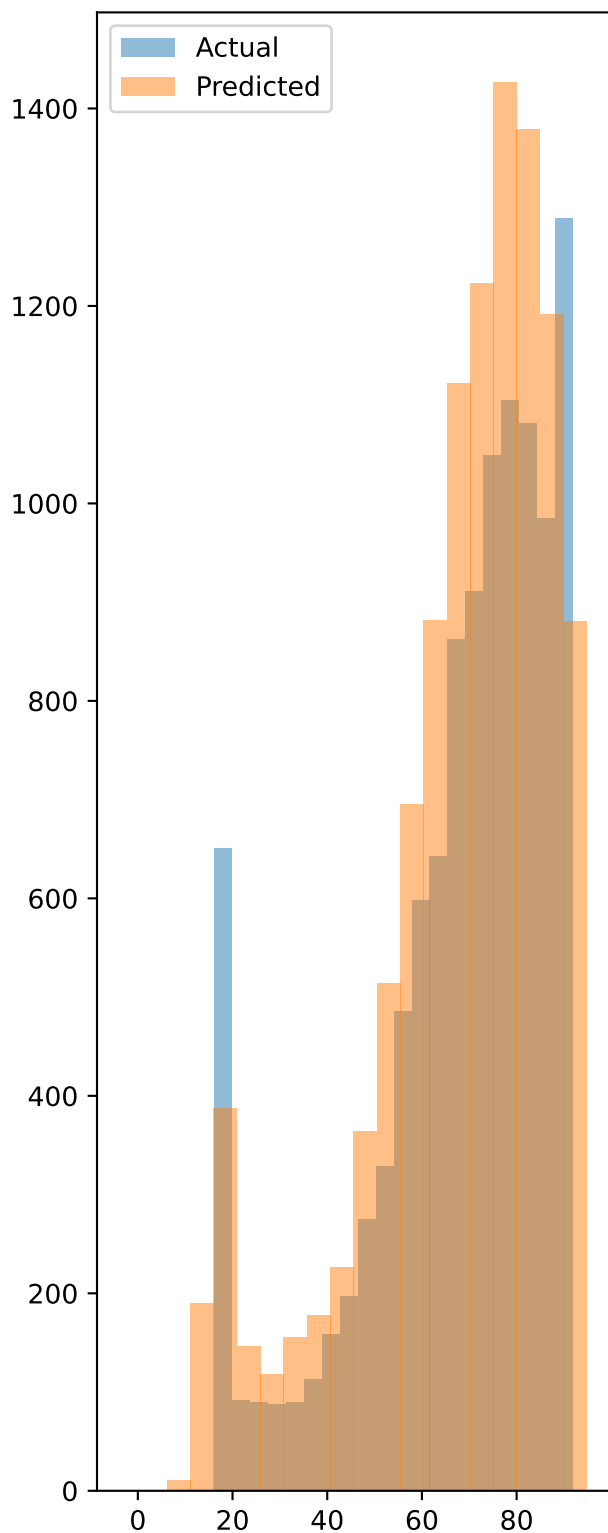
Distribution XGB model for  
Lymphocytes  
Asian group  
R2 score: 0.97  
Wasserstein Distance: 0.31



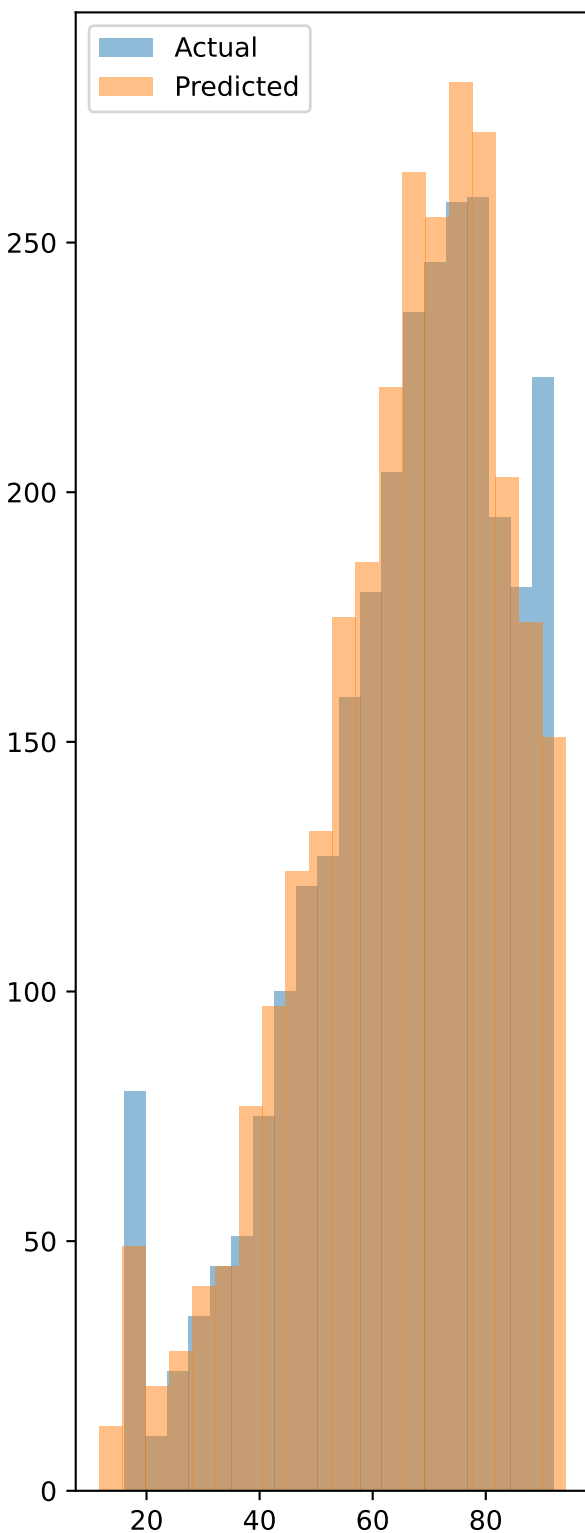
Distribution XGB model for  
Lymphocytes  
Others group  
R2 score: 0.98  
Wasserstein Distance: 0.25



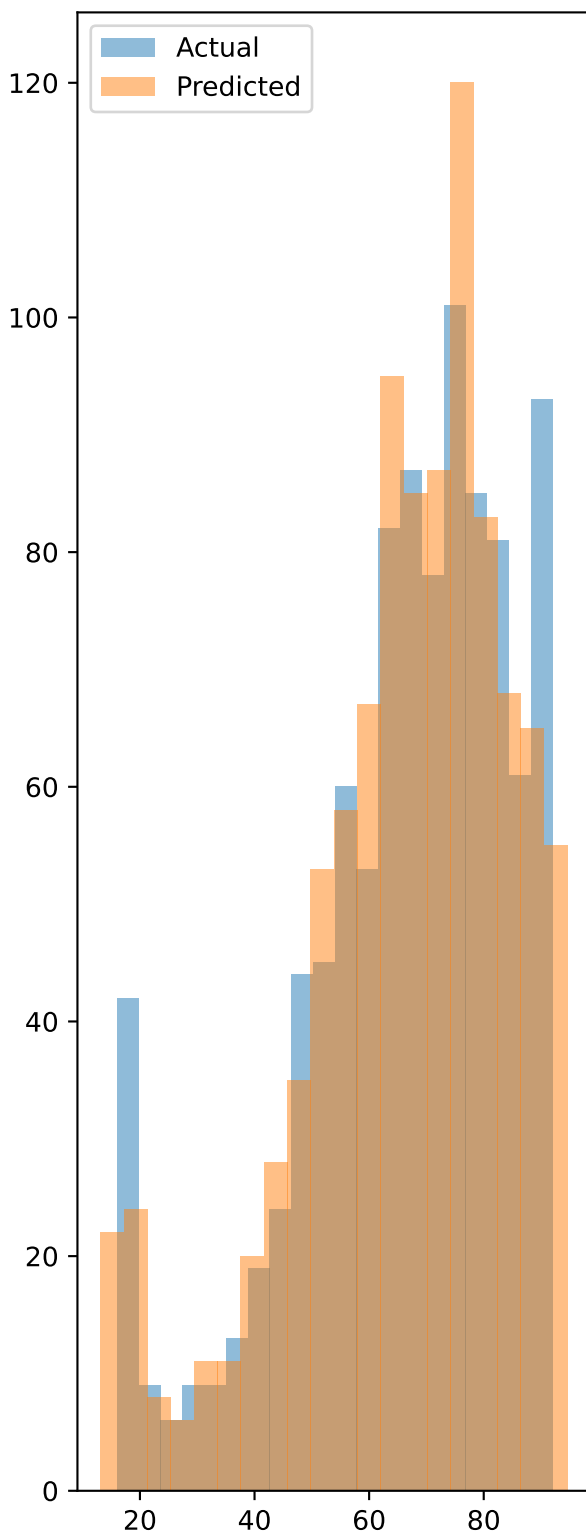
Distribution XGB model for  
Neutrophils  
White group  
R2 score: 0.98  
Wasserstein Distance: 0.41



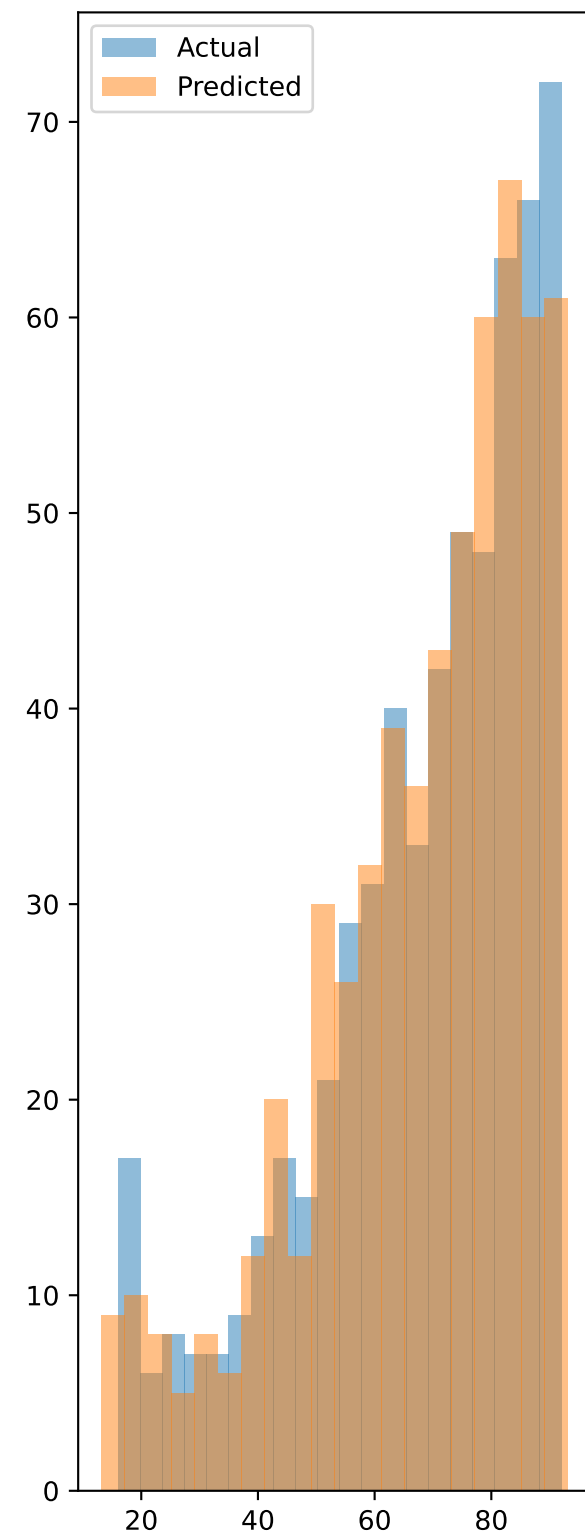
Distribution XGB model for  
Neutrophils  
Black group  
R2 score: 0.97  
Wasserstein Distance: 0.29



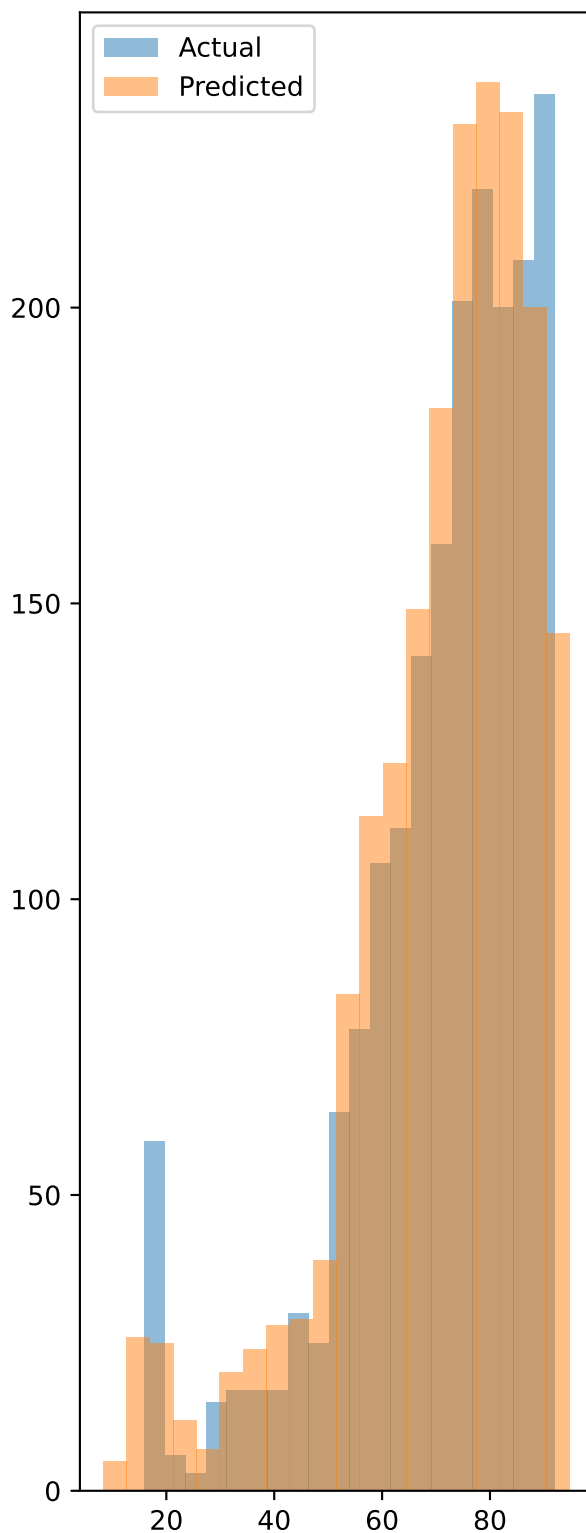
Distribution XGB model for  
Neutrophils  
Hispanic group  
R2 score: 0.97  
Wasserstein Distance: 0.37



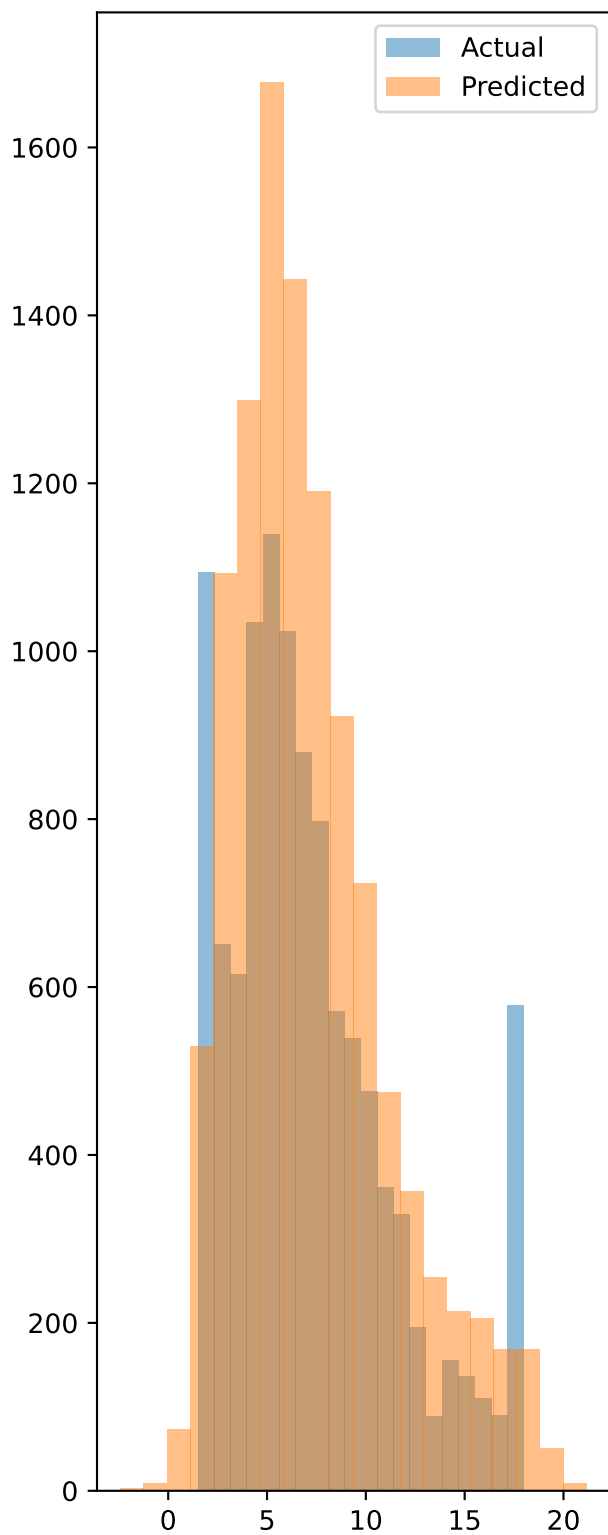
Distribution XGB model for  
Neutrophils  
Asian group  
R2 score: 0.97  
Wasserstein Distance: 0.43



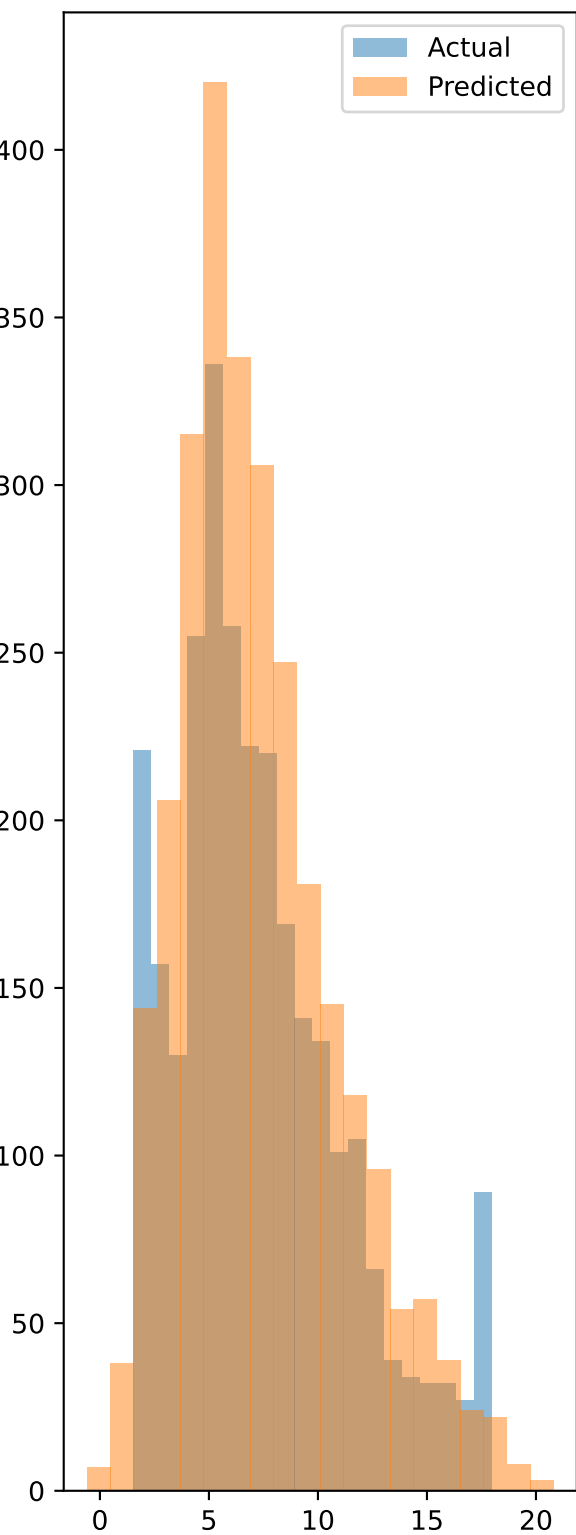
Distribution XGB model for  
Neutrophils  
Others group  
R2 score: 0.98  
Wasserstein Distance: 0.35



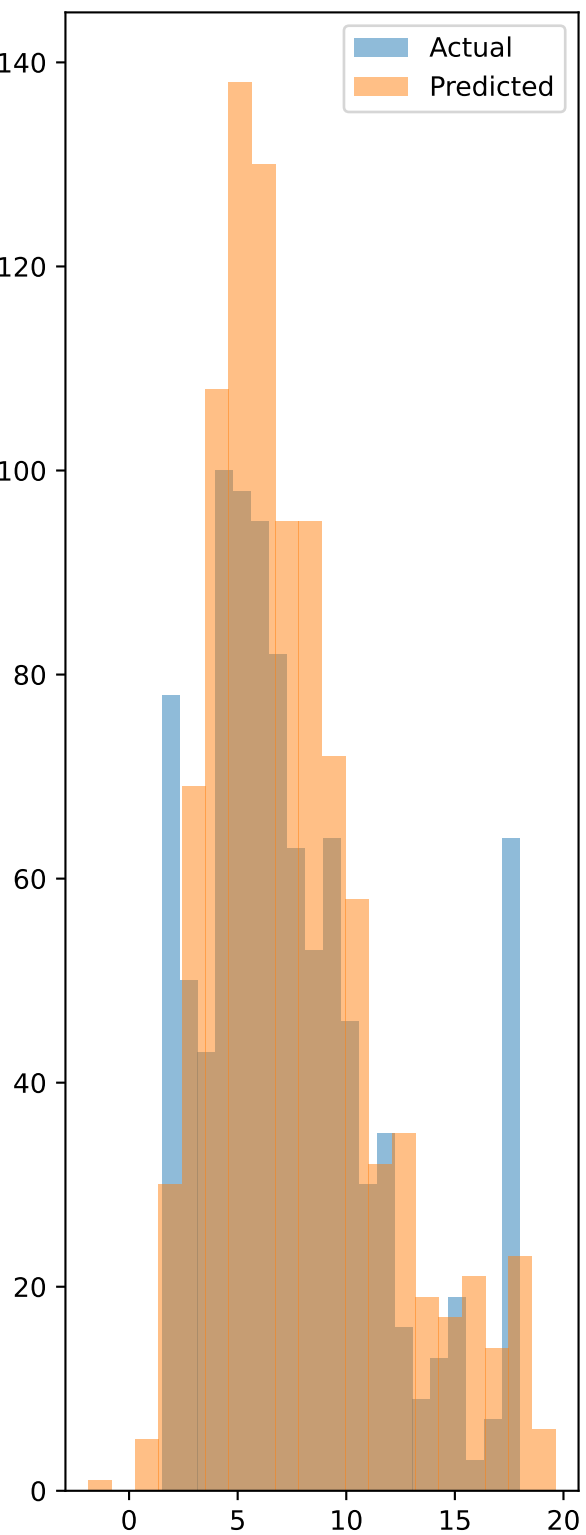
Distribution XGB model for  
Monocytes  
White group  
R2 score: 0.90  
Wasserstein Distance: 0.31



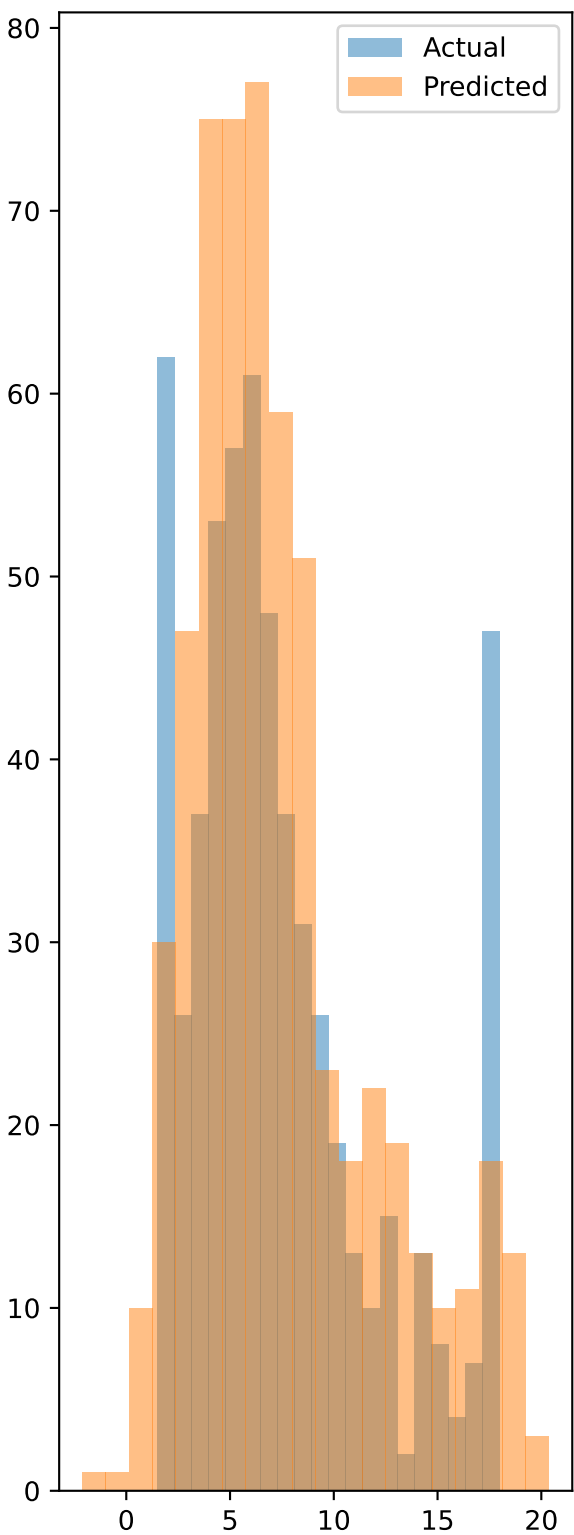
Distribution XGB model for  
Monocytes  
Black group  
R2 score: 0.90  
Wasserstein Distance: 0.26



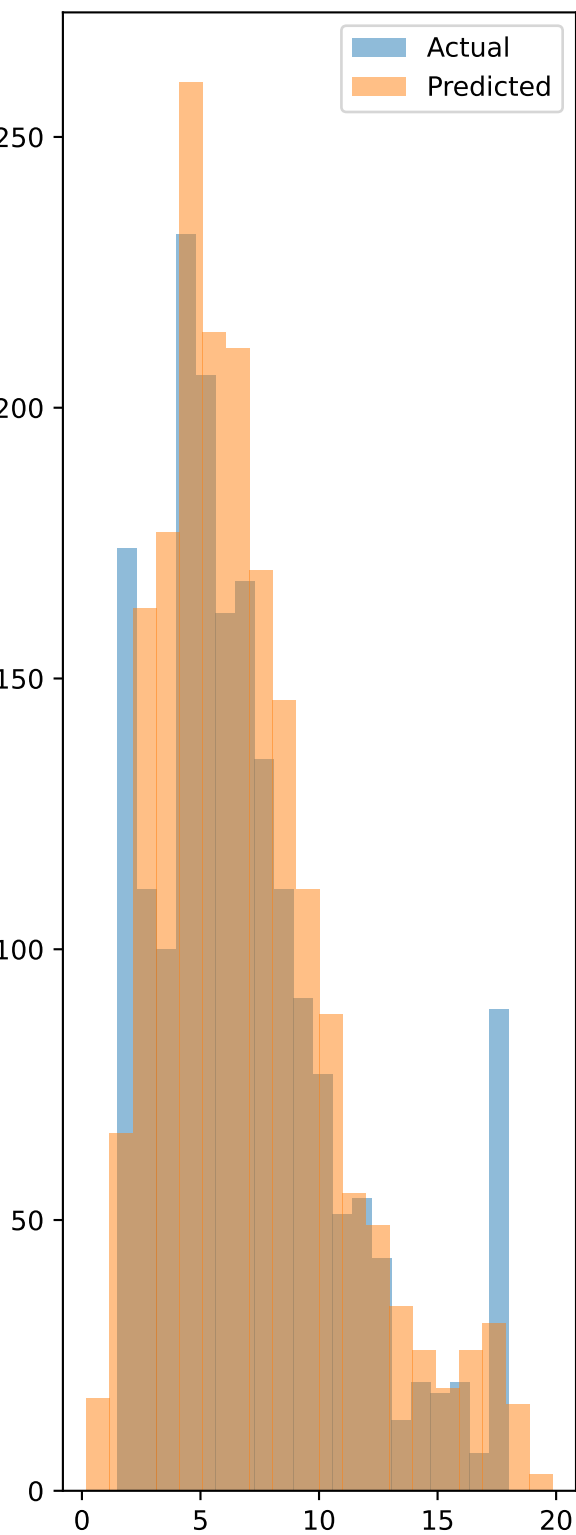
Distribution XGB model for  
Monocytes  
Hispanic group  
R2 score: 0.89  
Wasserstein Distance: 0.37



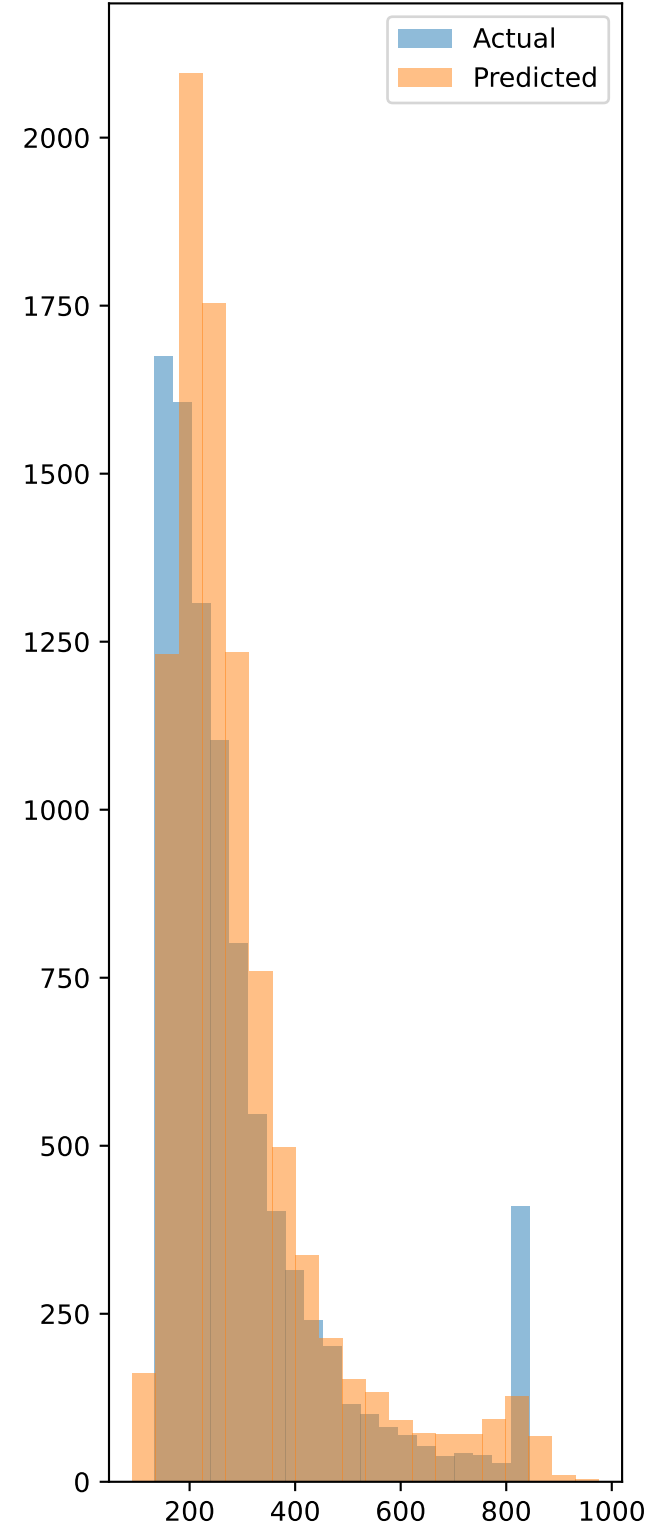
Distribution XGB model for  
Monocytes  
Asian group  
R2 score: 0.95  
Wasserstein Distance: 0.28



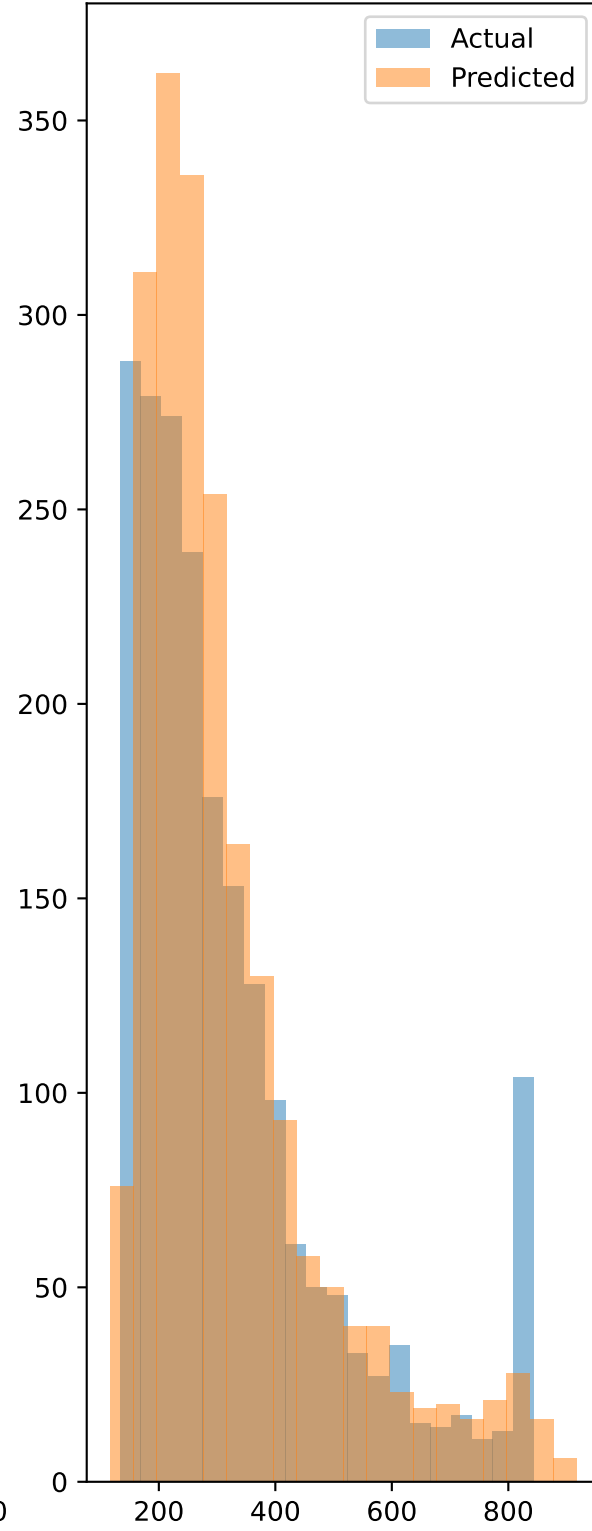
Distribution XGB model for  
Monocytes  
Others group  
R2 score: 0.92  
Wasserstein Distance: 0.25



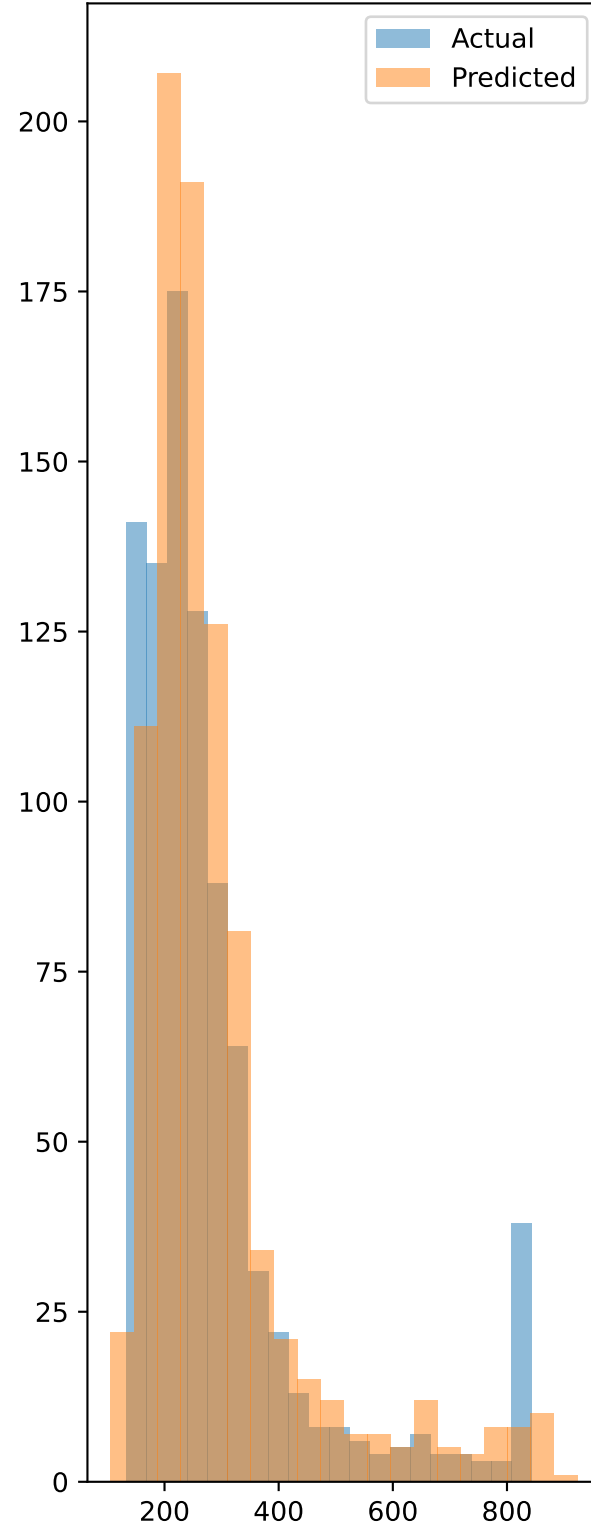
Distribution XGB model for  
Lactate Dehydrogenase (LD)  
White group  
R2 score: 0.78  
Wasserstein Distance: 16.73



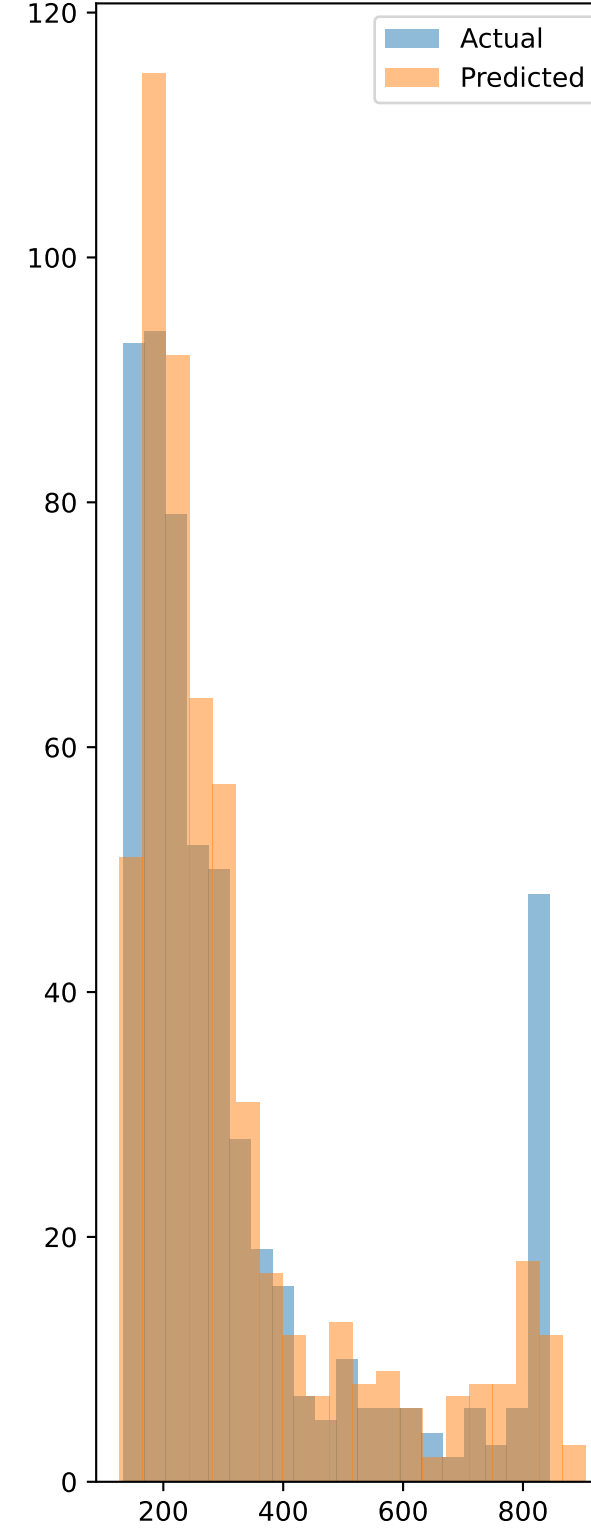
Distribution XGB model for  
Lactate Dehydrogenase (LD)  
Black group  
R2 score: 0.72  
Wasserstein Distance: 20.27



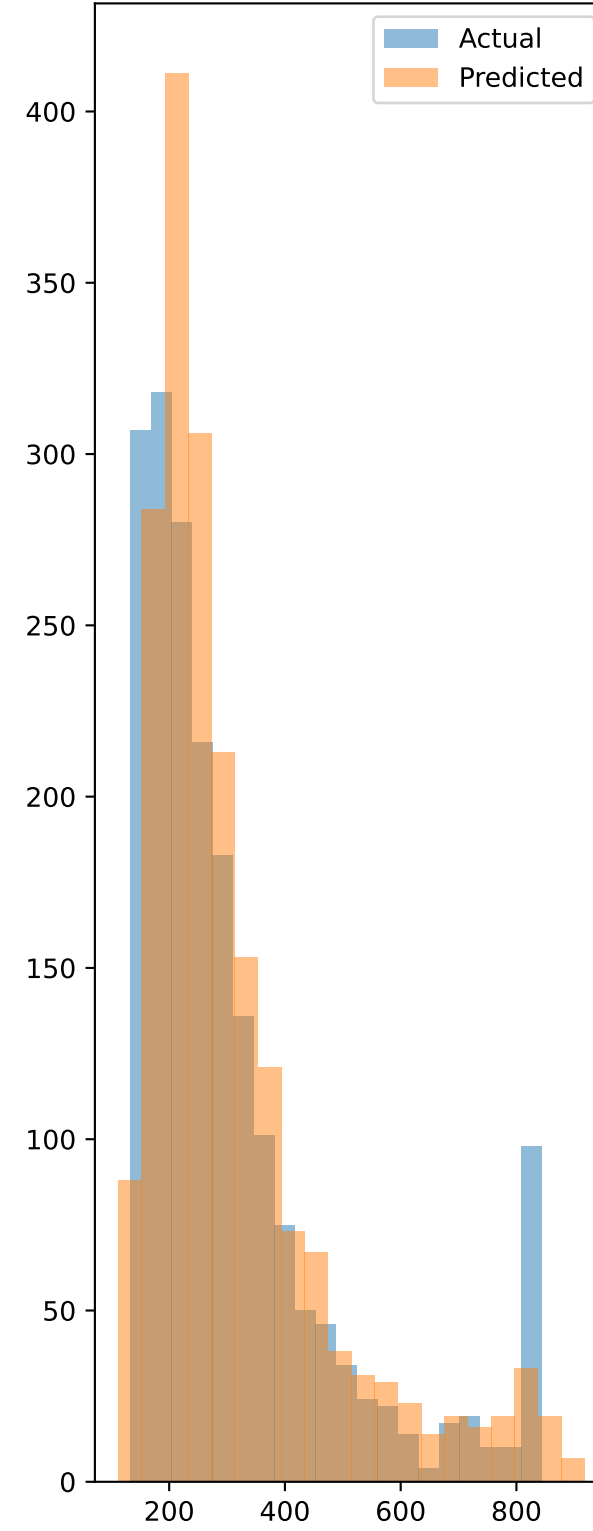
Distribution XGB model for  
Lactate Dehydrogenase (LD)  
Hispanic group  
R2 score: 0.80  
Wasserstein Distance: 16.29



Distribution XGB model for  
Lactate Dehydrogenase (LD)  
Asian group  
R2 score: 0.85  
Wasserstein Distance: 17.07

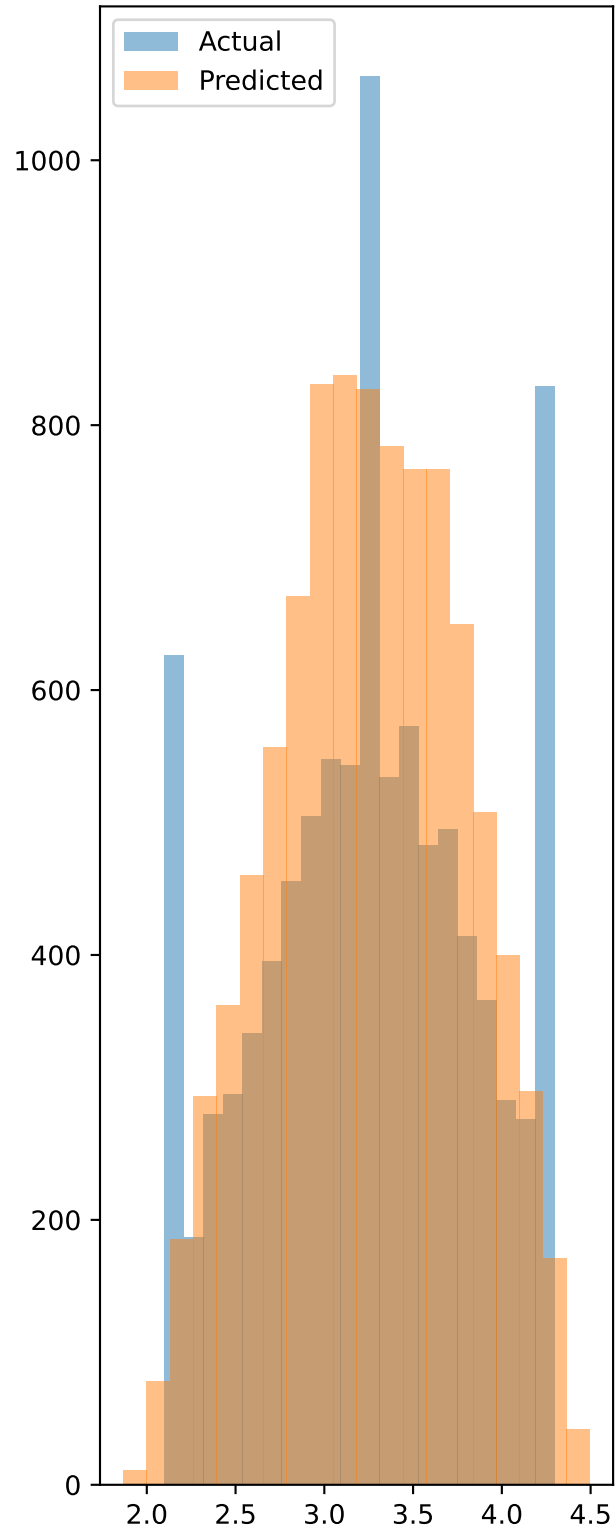


Distribution XGB model for  
Lactate Dehydrogenase (LD)  
Others group  
R2 score: 0.80  
Wasserstein Distance: 13.89

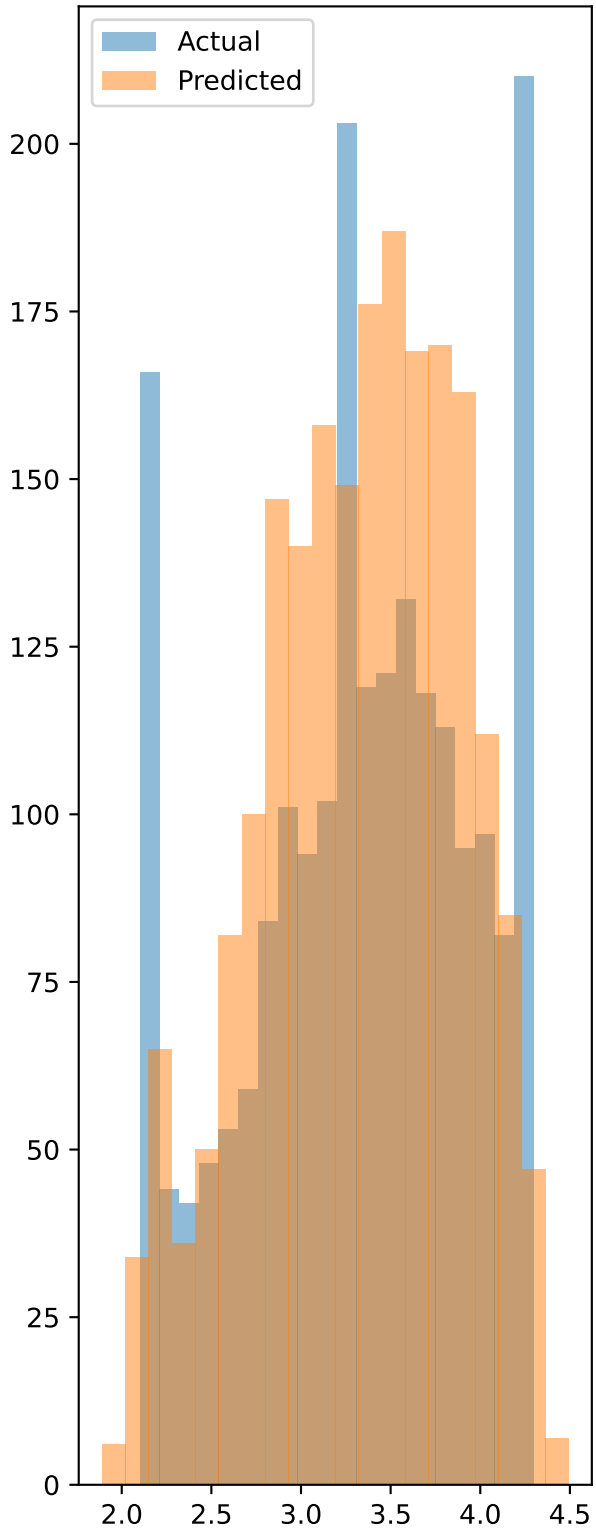




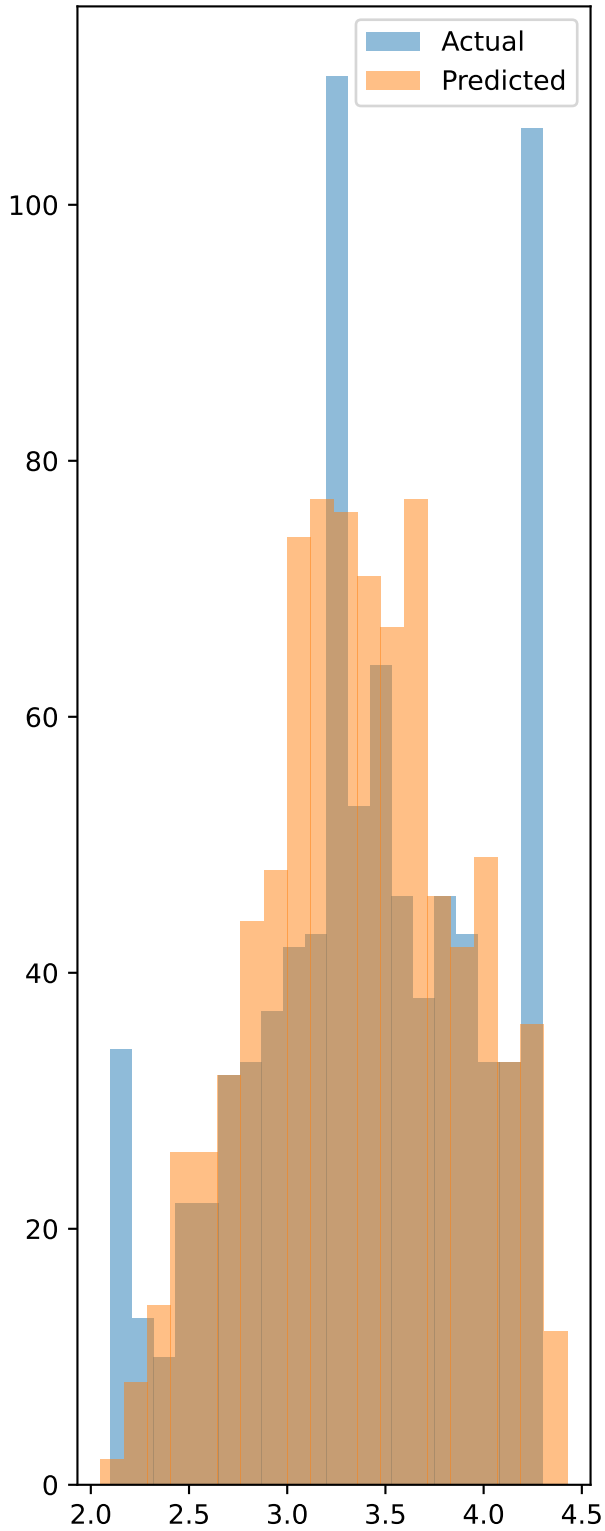
Distribution XGB model for  
Albumin  
White group  
R2 score: 0.76  
Wasserstein Distance: 0.07



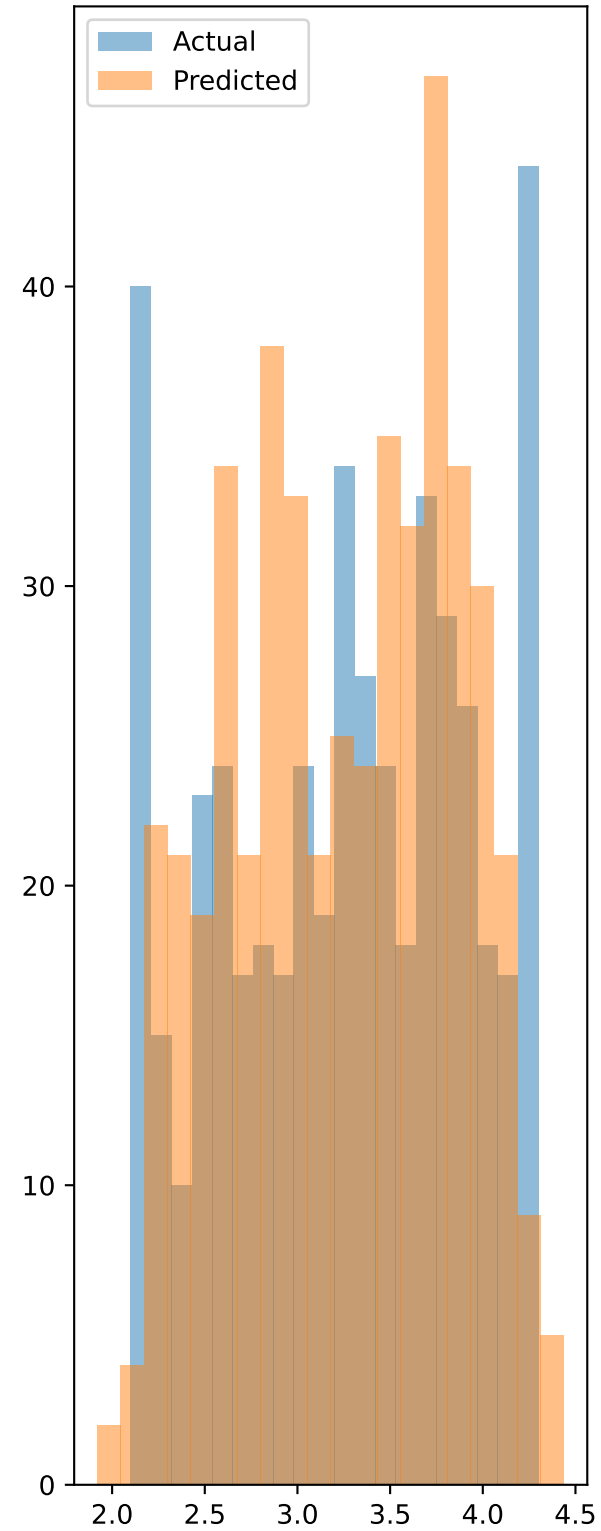
Distribution XGB model for  
Albumin  
Black group  
R2 score: 0.75  
Wasserstein Distance: 0.08



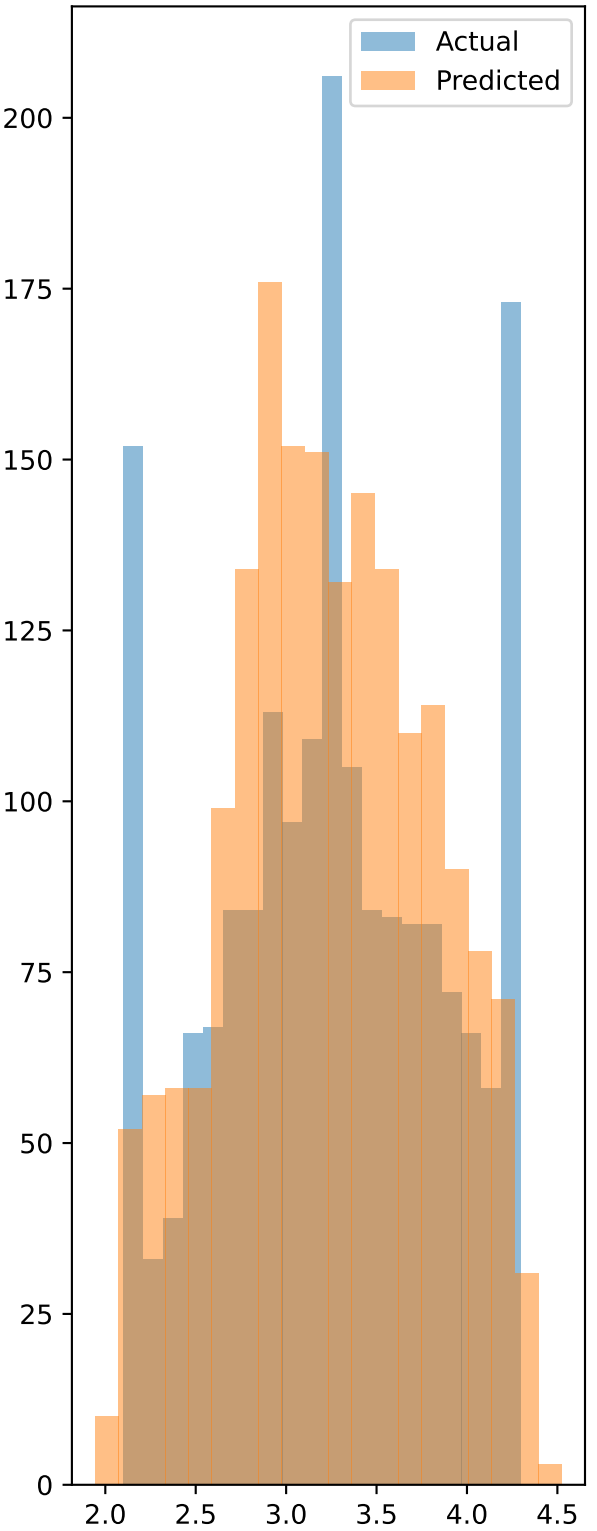
Distribution XGB model for  
Albumin  
Hispanic group  
R2 score: 0.75  
Wasserstein Distance: 0.09



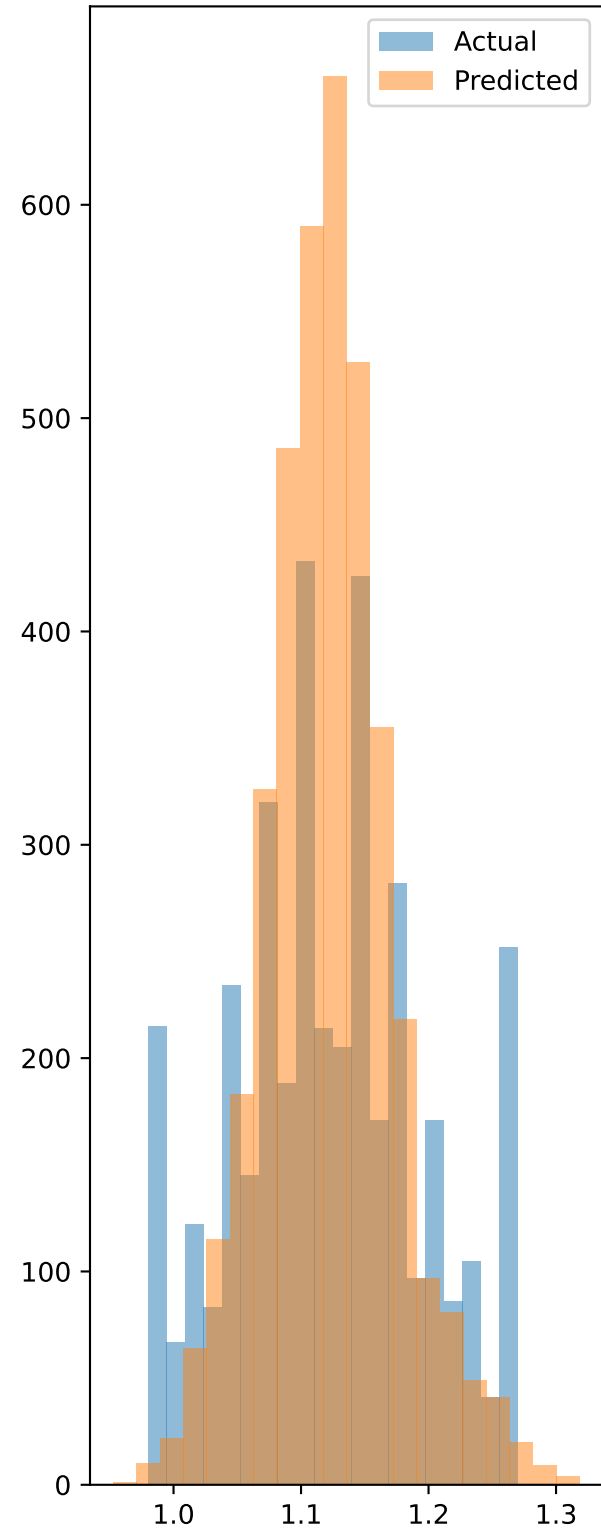
Distribution XGB model for  
Albumin  
Asian group  
R2 score: 0.81  
Wasserstein Distance: 0.07



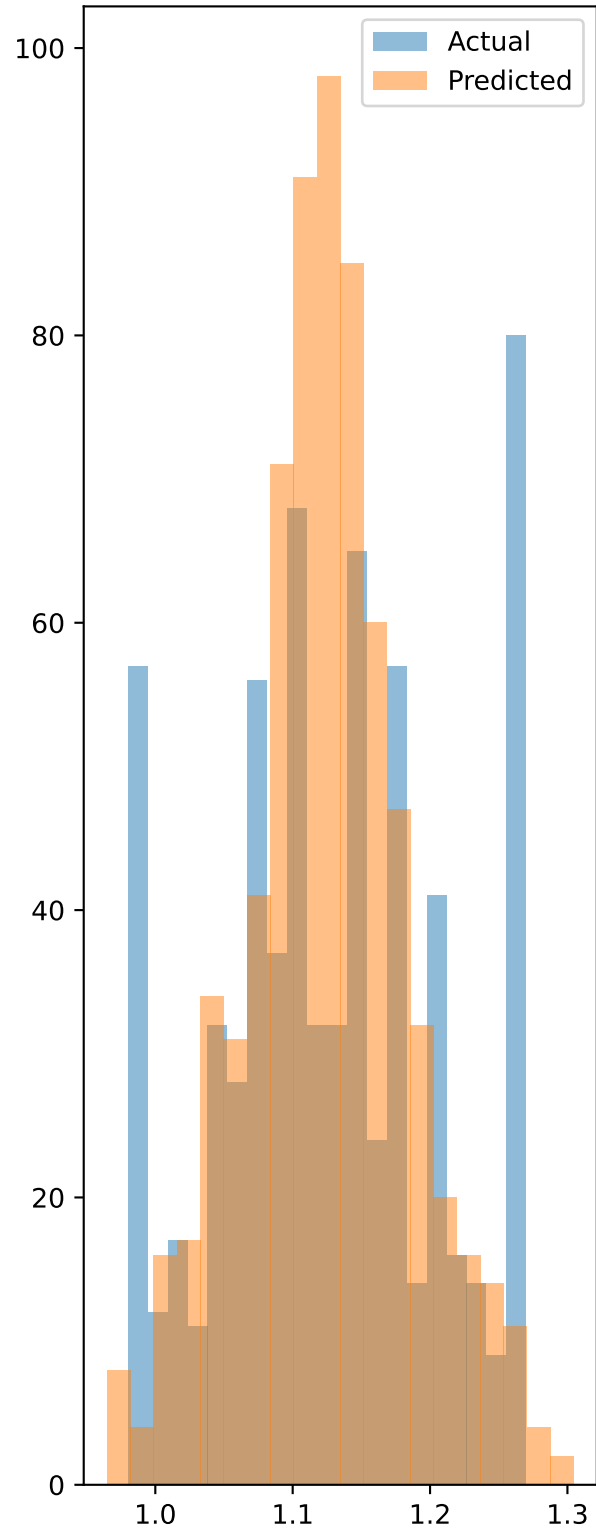
Distribution XGB model for  
Albumin  
Others group  
R2 score: 0.80  
Wasserstein Distance: 0.07



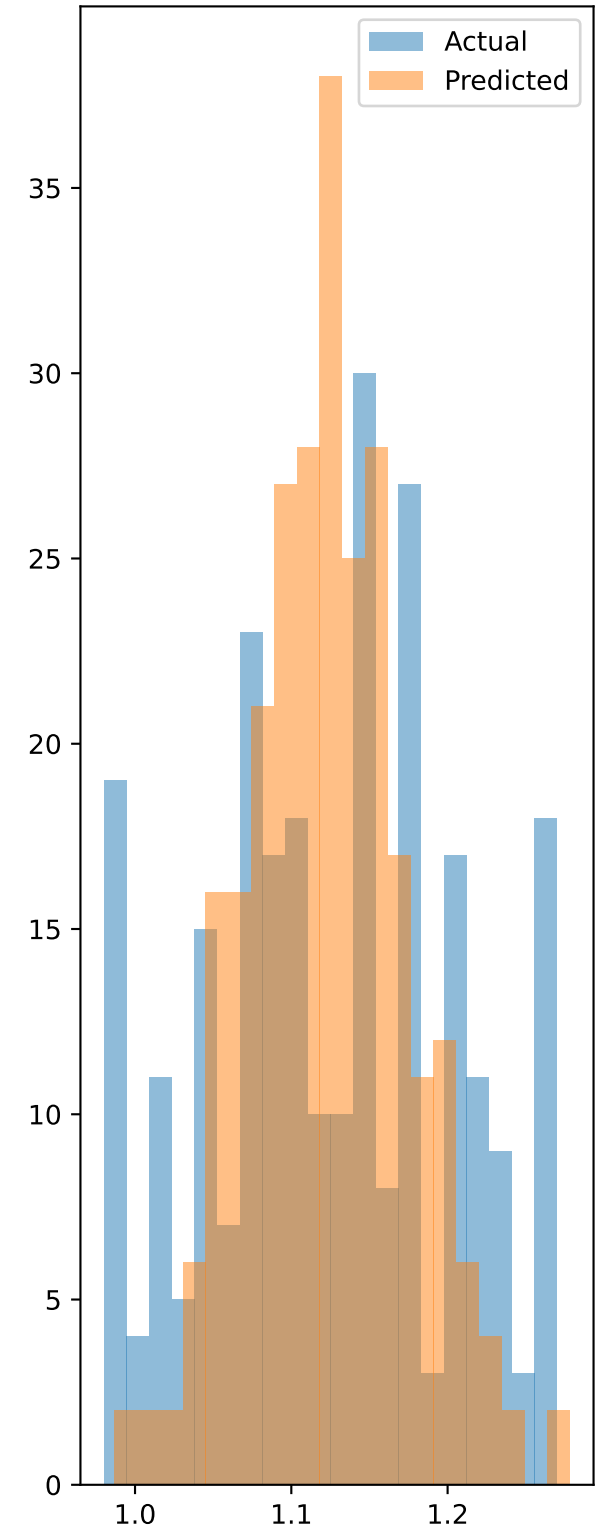
Distribution XGB model for  
Free Calcium  
White group  
R2 score: 0.48  
Wasserstein Distance: 0.02



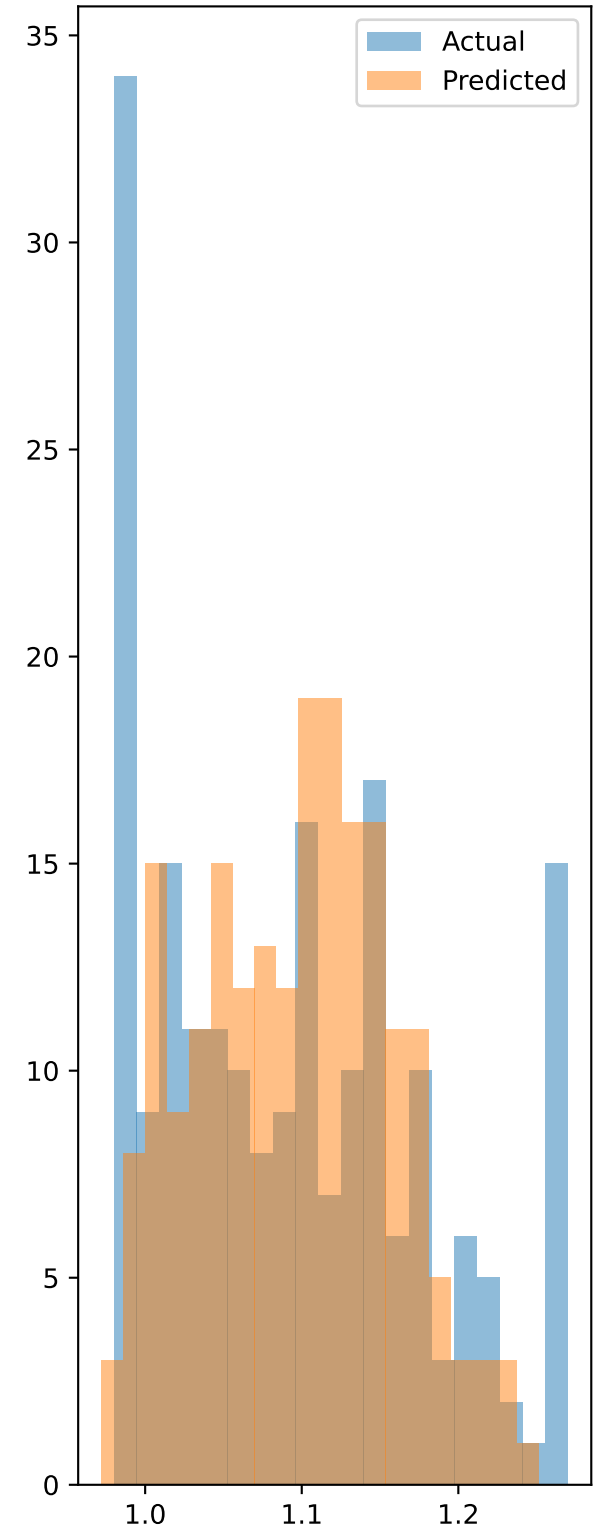
Distribution XGB model for  
Free Calcium  
Black group  
R2 score: 0.59  
Wasserstein Distance: 0.02



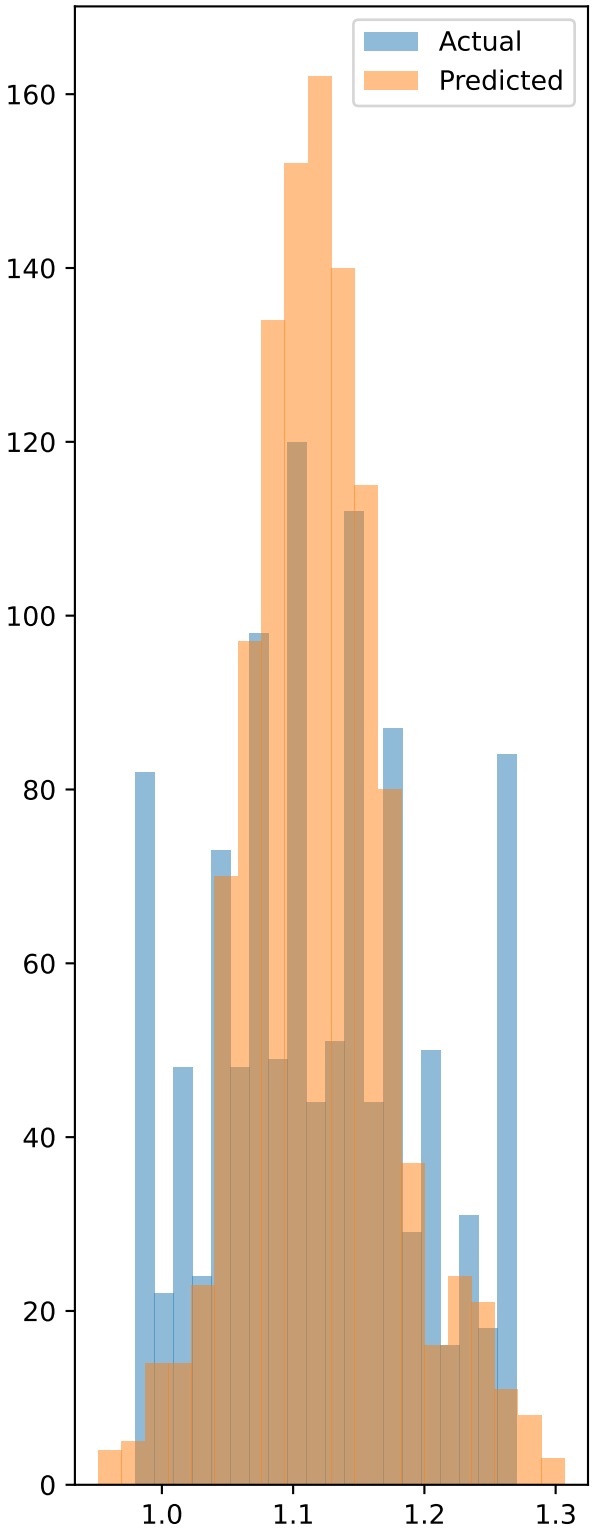
Distribution XGB model for  
Free Calcium  
Hispanic group  
R2 score: 0.52  
Wasserstein Distance: 0.03



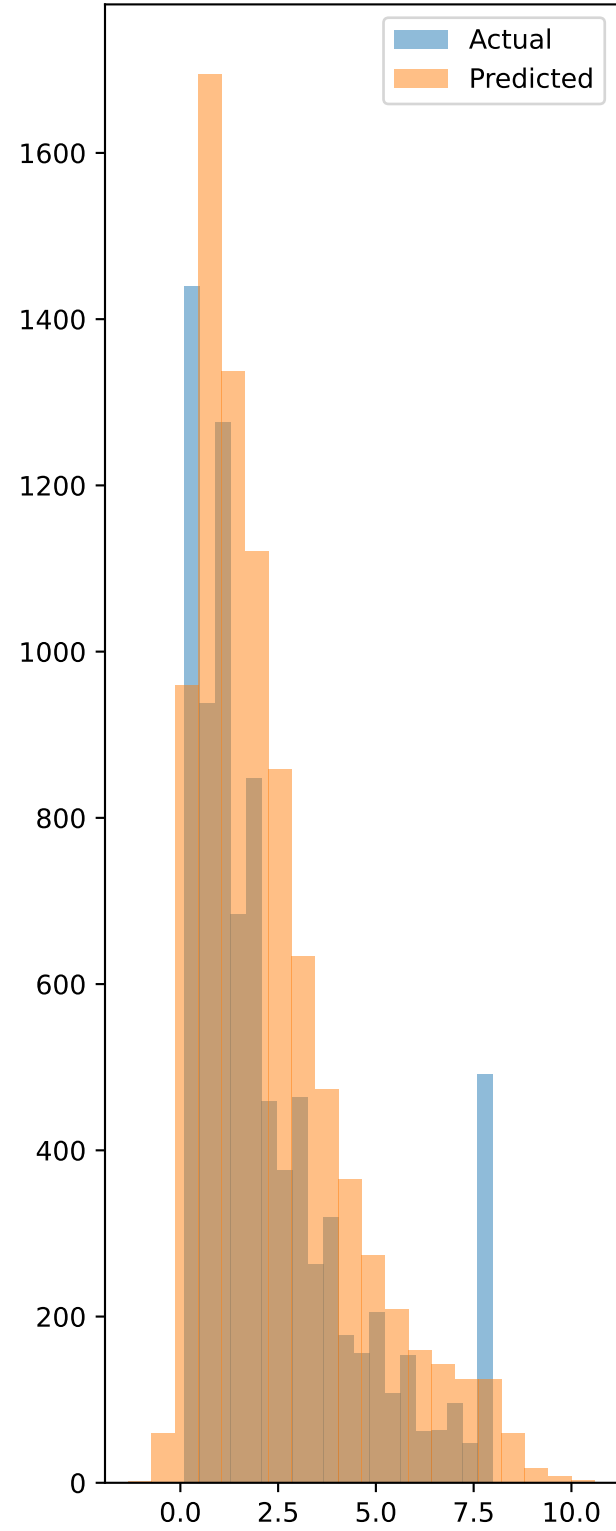
Distribution XGB model for  
Free Calcium  
Asian group  
R2 score: 0.55  
Wasserstein Distance: 0.02



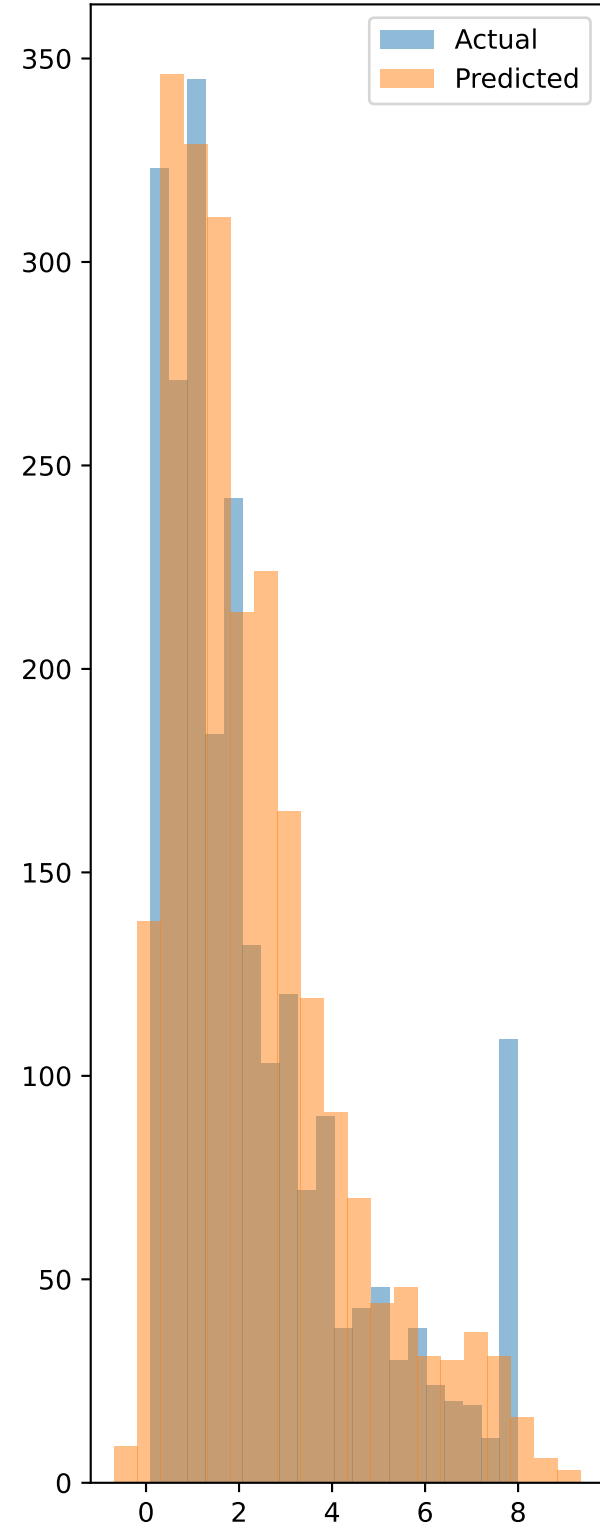
Distribution XGB model for  
Free Calcium  
Others group  
R2 score: 0.54  
Wasserstein Distance: 0.02



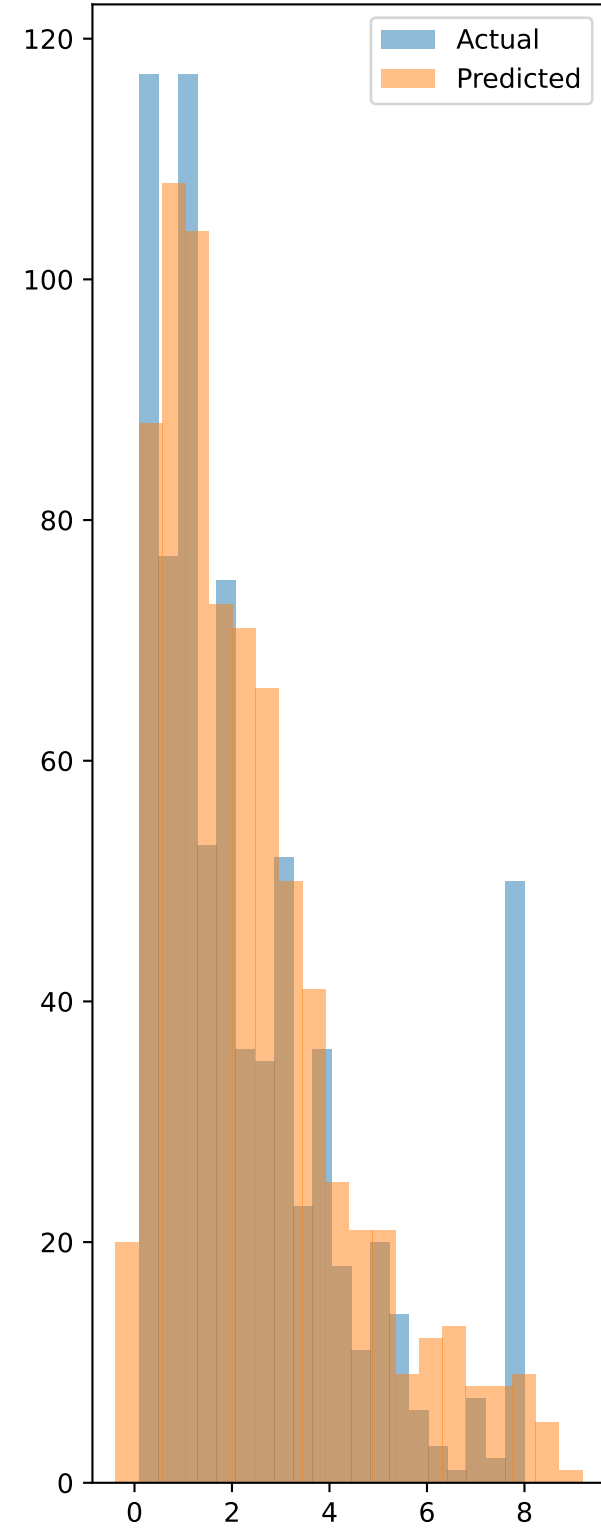
Distribution XGB model for  
Eosinophils  
White group  
R2 score: 0.89  
Wasserstein Distance: 0.21



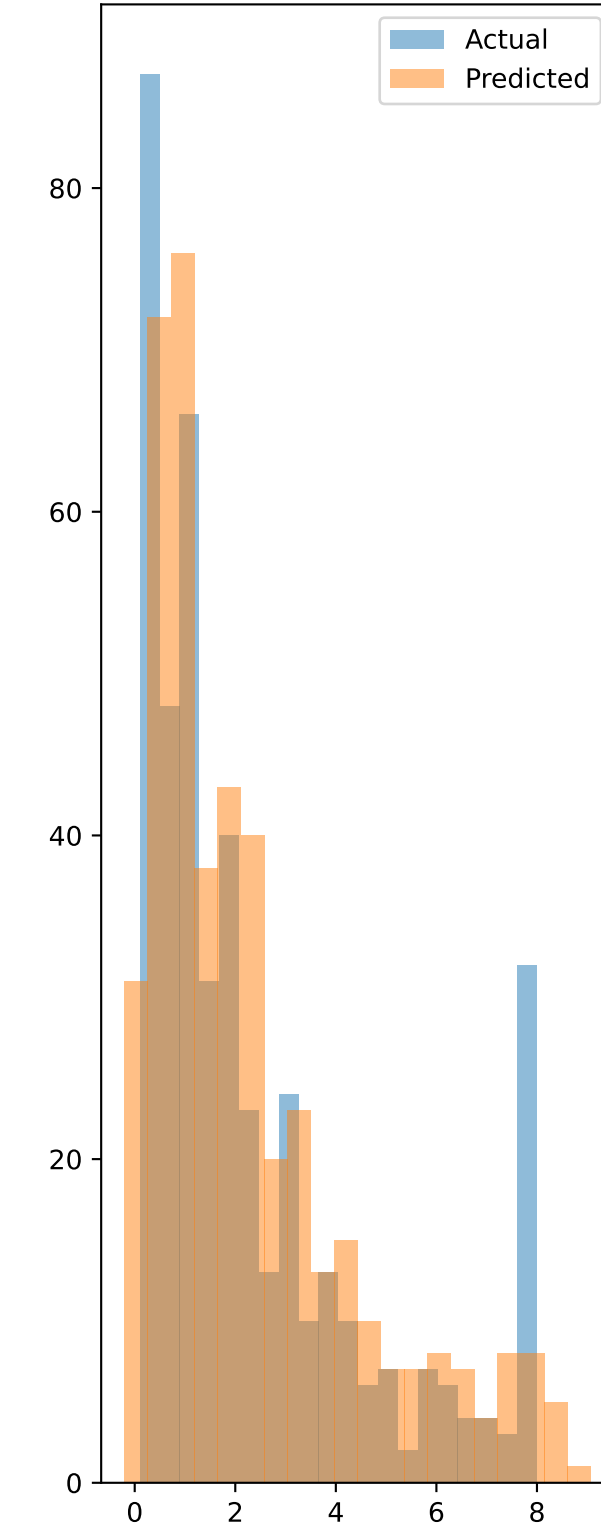
Distribution XGB model for  
Eosinophils  
Black group  
R2 score: 0.89  
Wasserstein Distance: 0.22



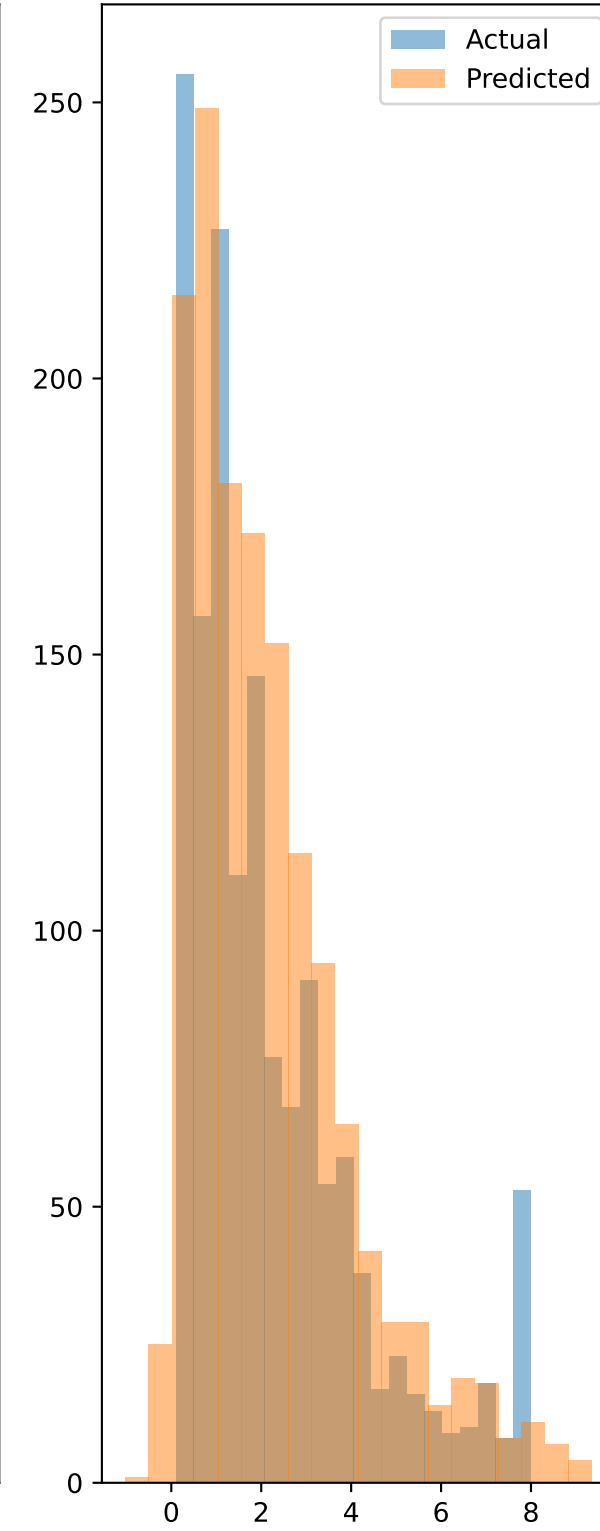
Distribution XGB model for  
Eosinophils  
Hispanic group  
R2 score: 0.88  
Wasserstein Distance: 0.23



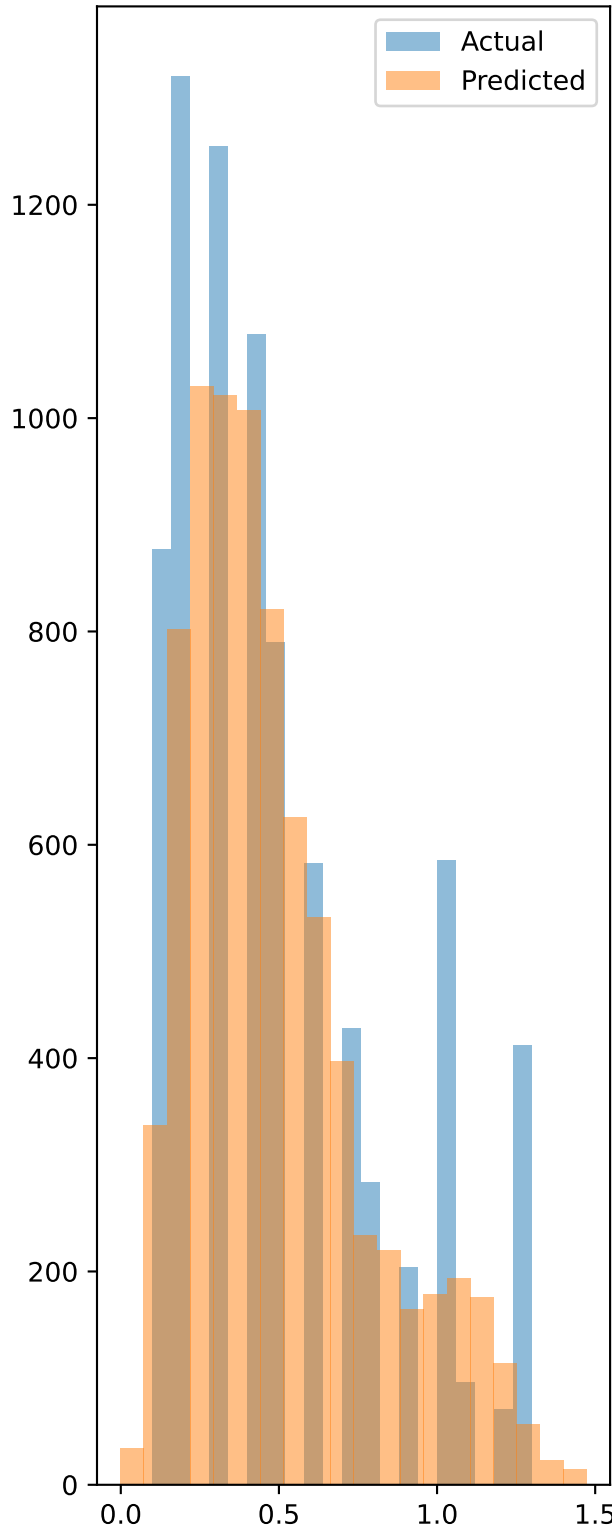
Distribution XGB model for  
Eosinophils  
Asian group  
R2 score: 0.92  
Wasserstein Distance: 0.21



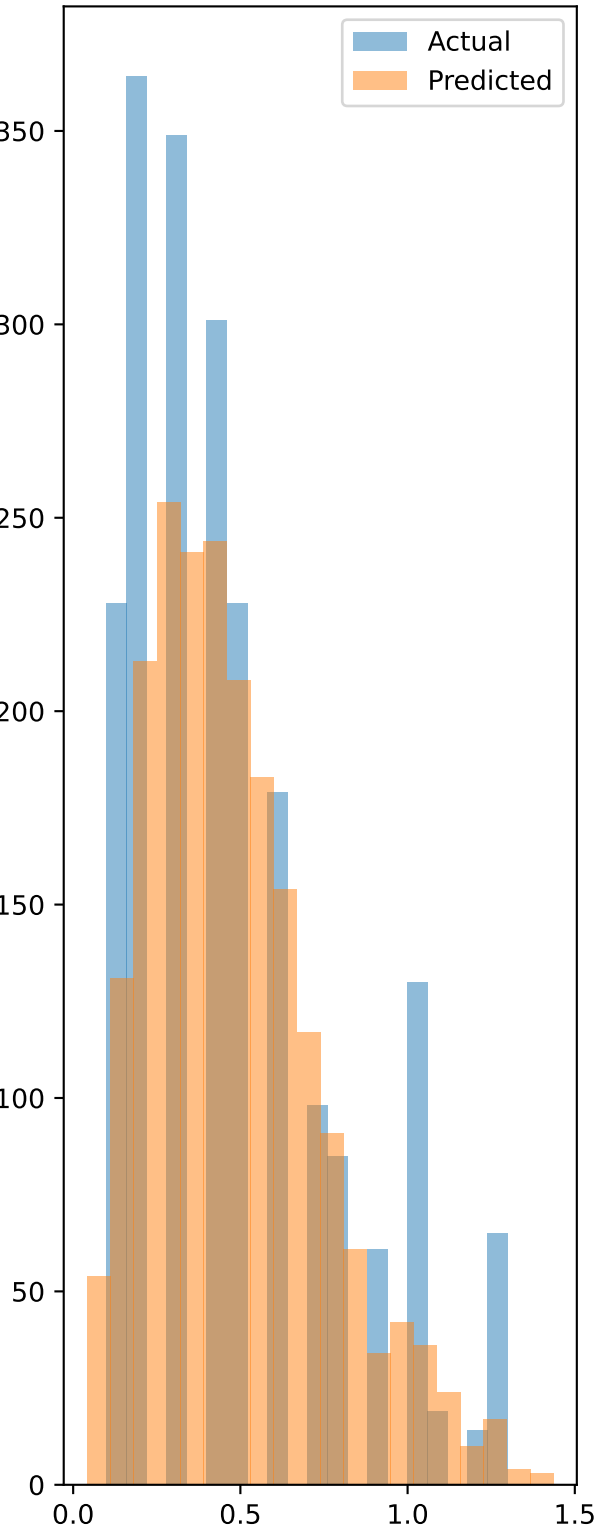
Distribution XGB model for  
Eosinophils  
Others group  
R2 score: 0.90  
Wasserstein Distance: 0.17



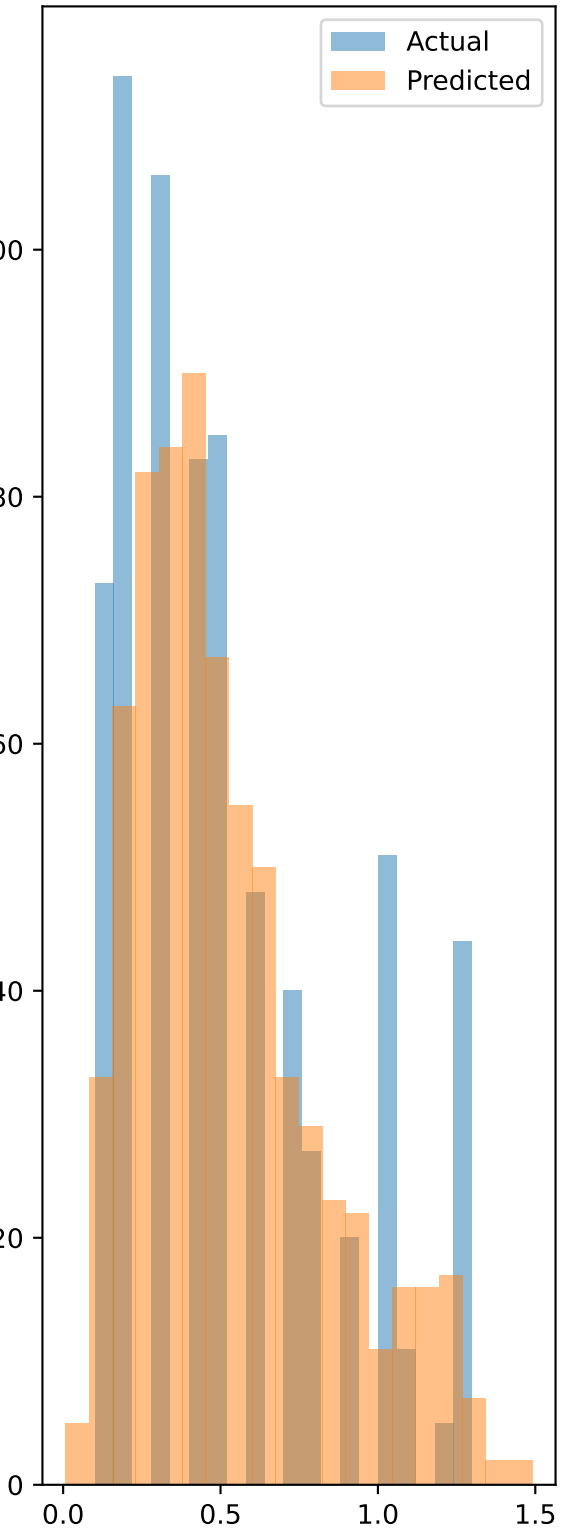
Distribution XGB model for  
Basophils  
White group  
R2 score: 0.72  
Wasserstein Distance: 0.05



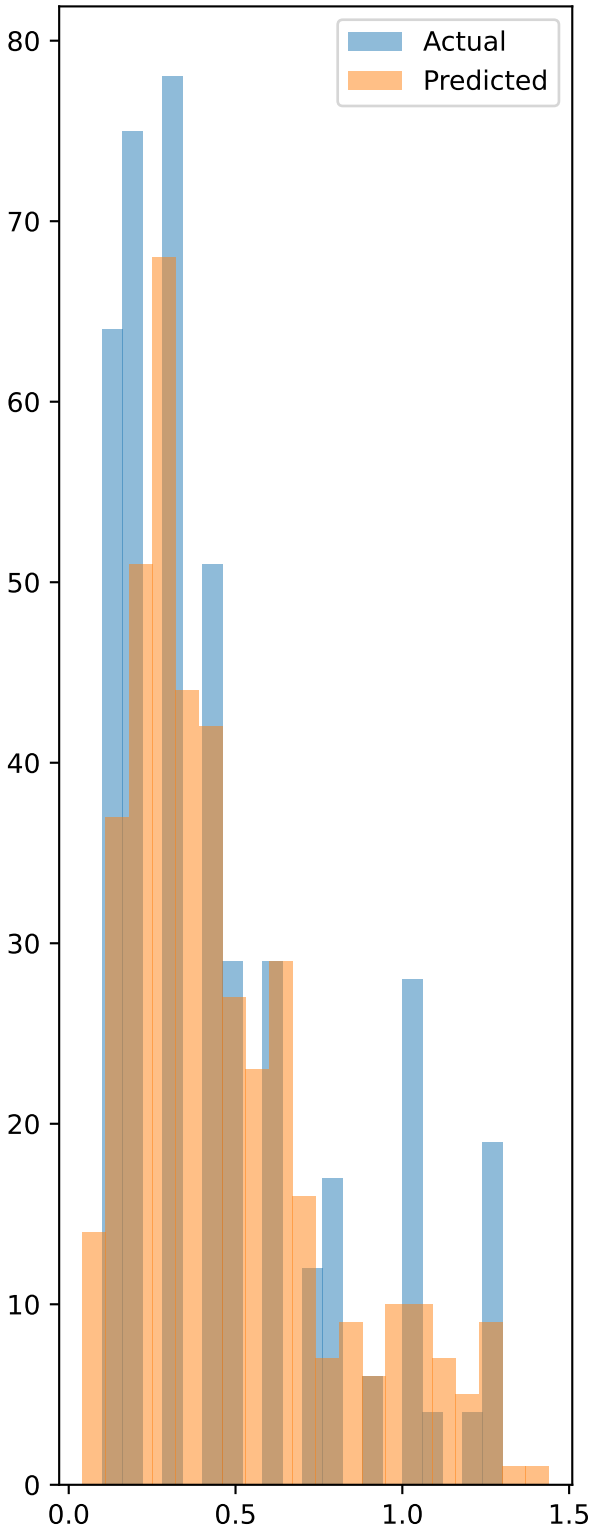
Distribution XGB model for  
Basophils  
Black group  
R2 score: 0.68  
Wasserstein Distance: 0.05



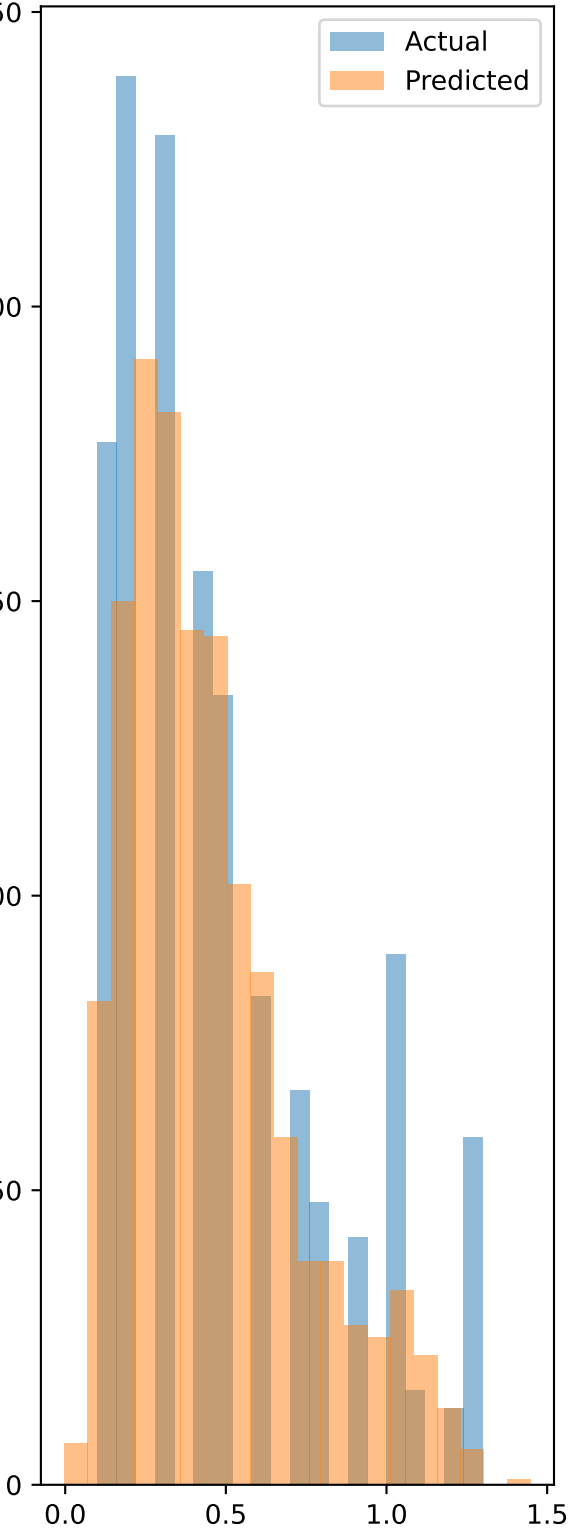
Distribution XGB model for  
Basophils  
Hispanic group  
R2 score: 0.73  
Wasserstein Distance: 0.05



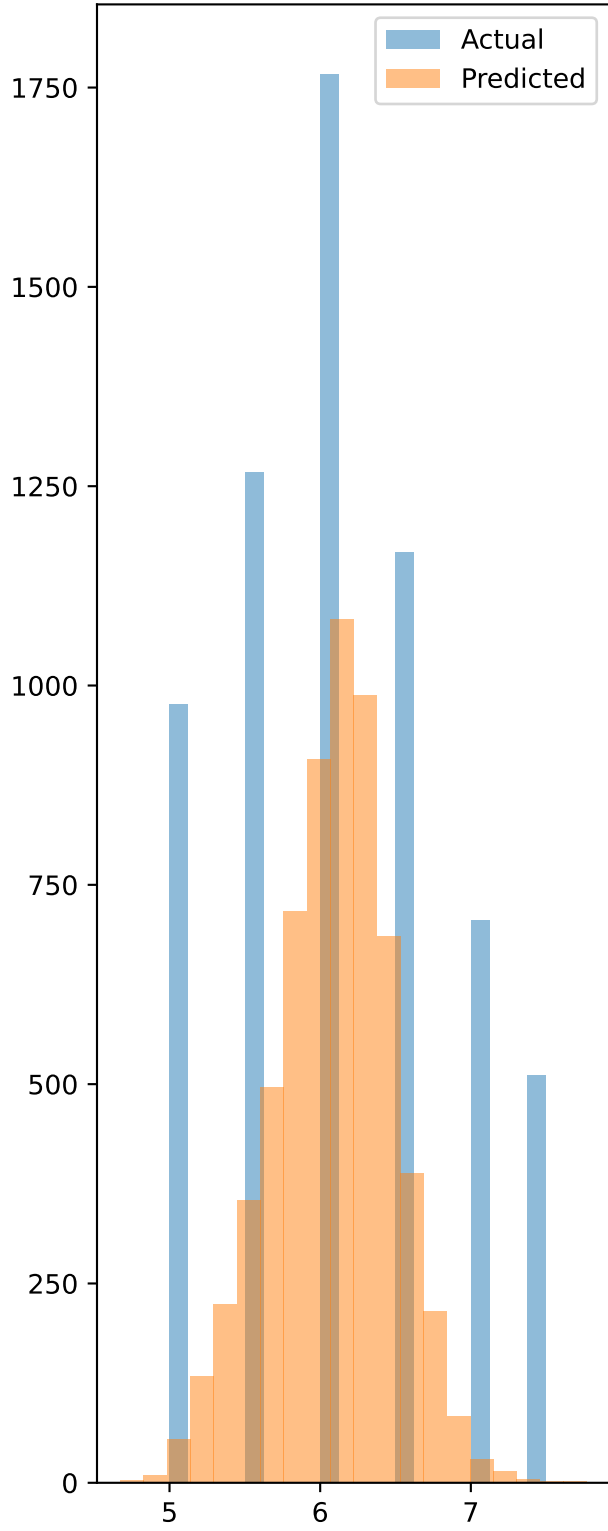
Distribution XGB model for  
Basophils  
Asian group  
R2 score: 0.82  
Wasserstein Distance: 0.05



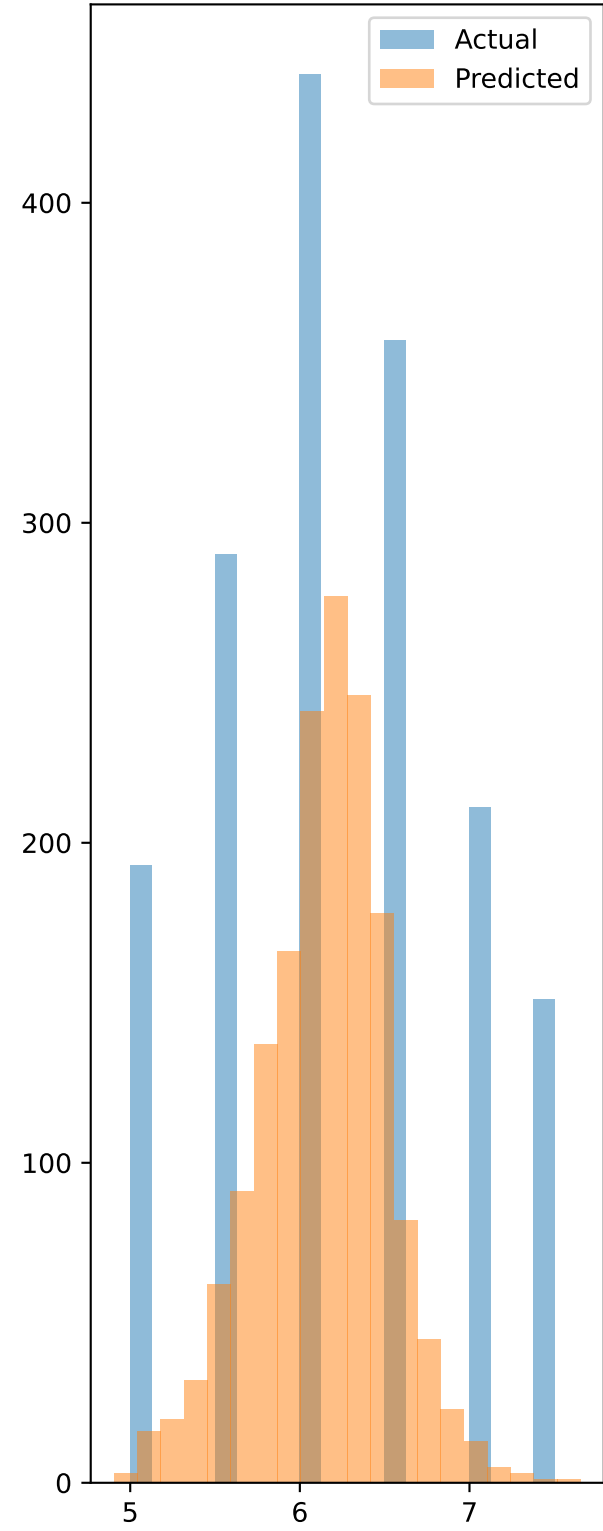
Distribution XGB model for  
Basophils  
Others group  
R2 score: 0.70  
Wasserstein Distance: 0.06



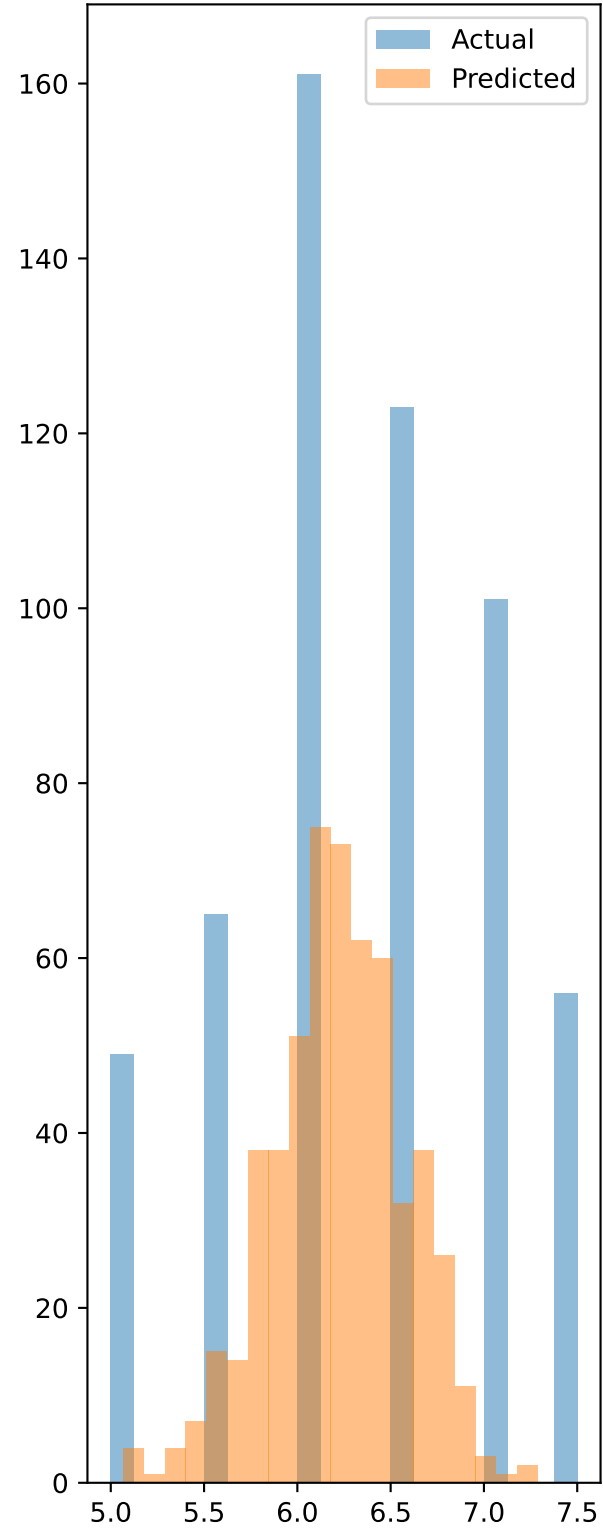
Distribution XGB model for  
pH  
White group  
R2 score: 0.31  
Wasserstein Distance: 0.31



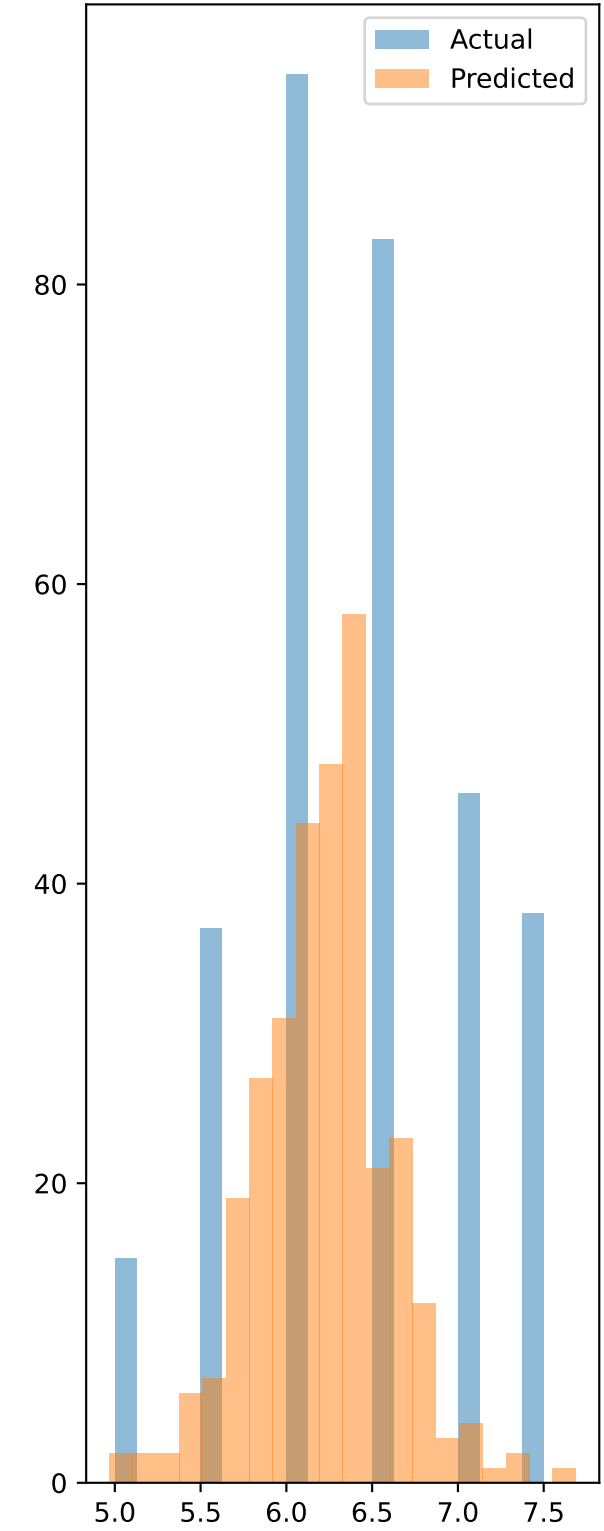
Distribution XGB model for  
pH  
Black group  
R2 score: 0.32  
Wasserstein Distance: 0.32



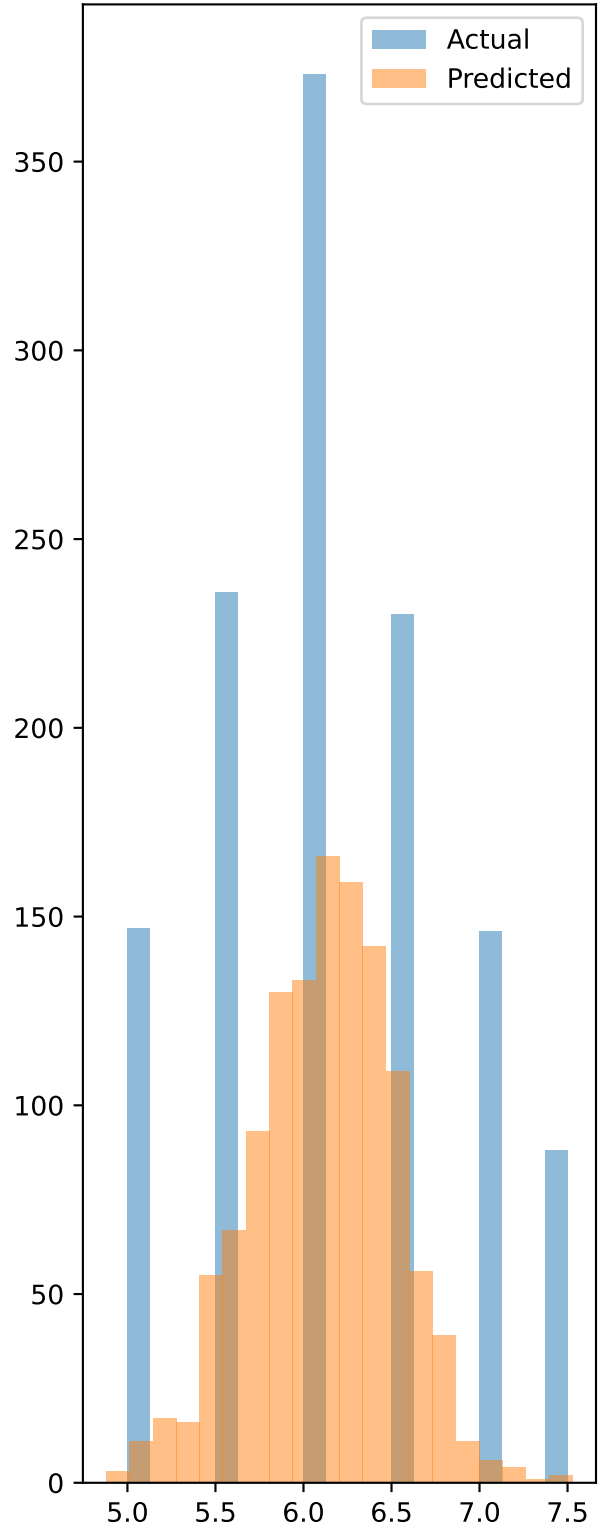
Distribution XGB model for  
pH  
Hispanic group  
R2 score: 0.29  
Wasserstein Distance: 0.31

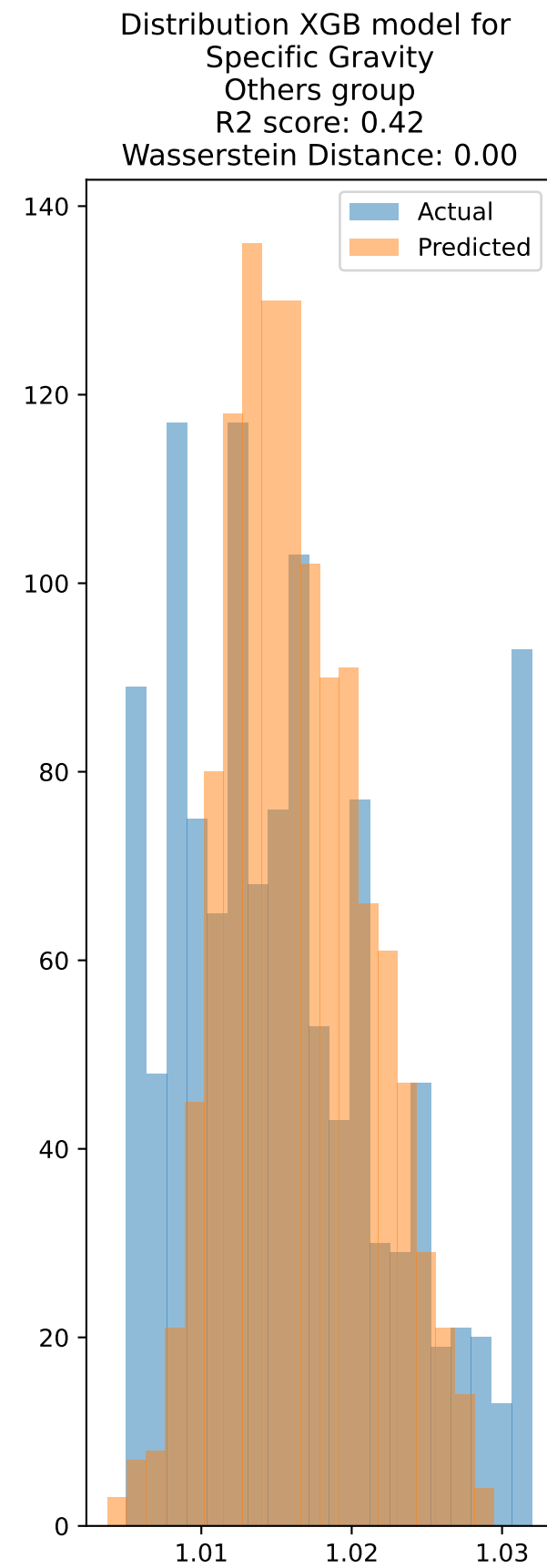
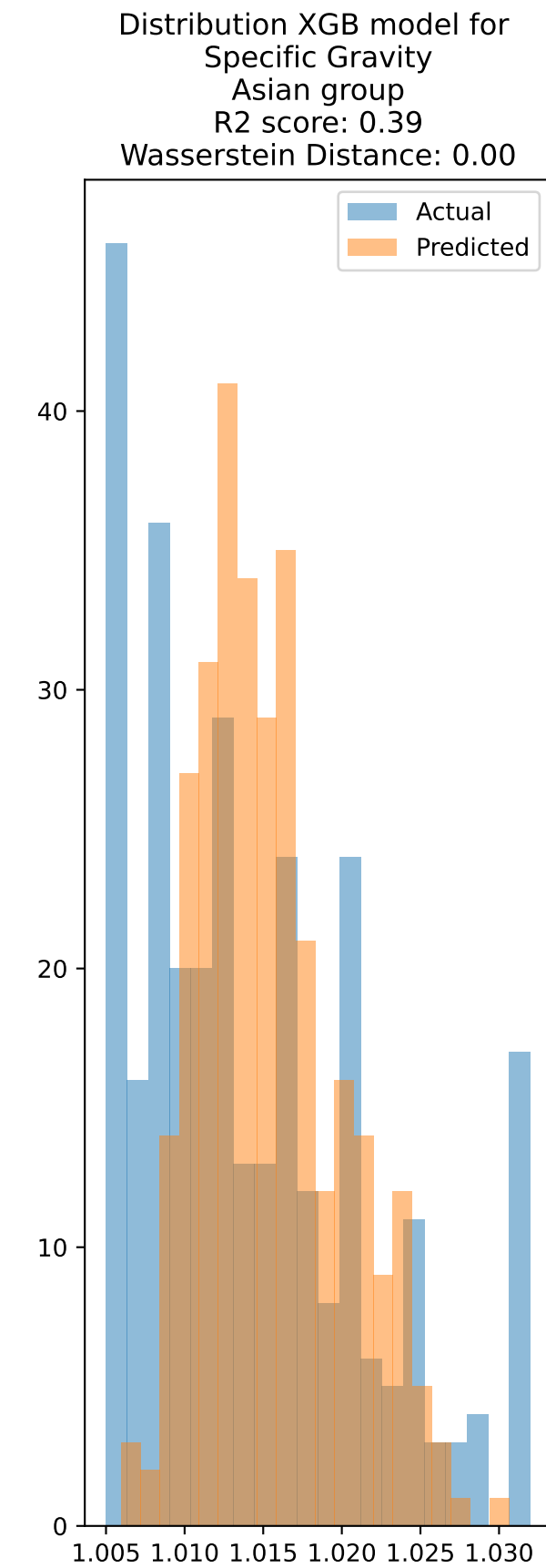
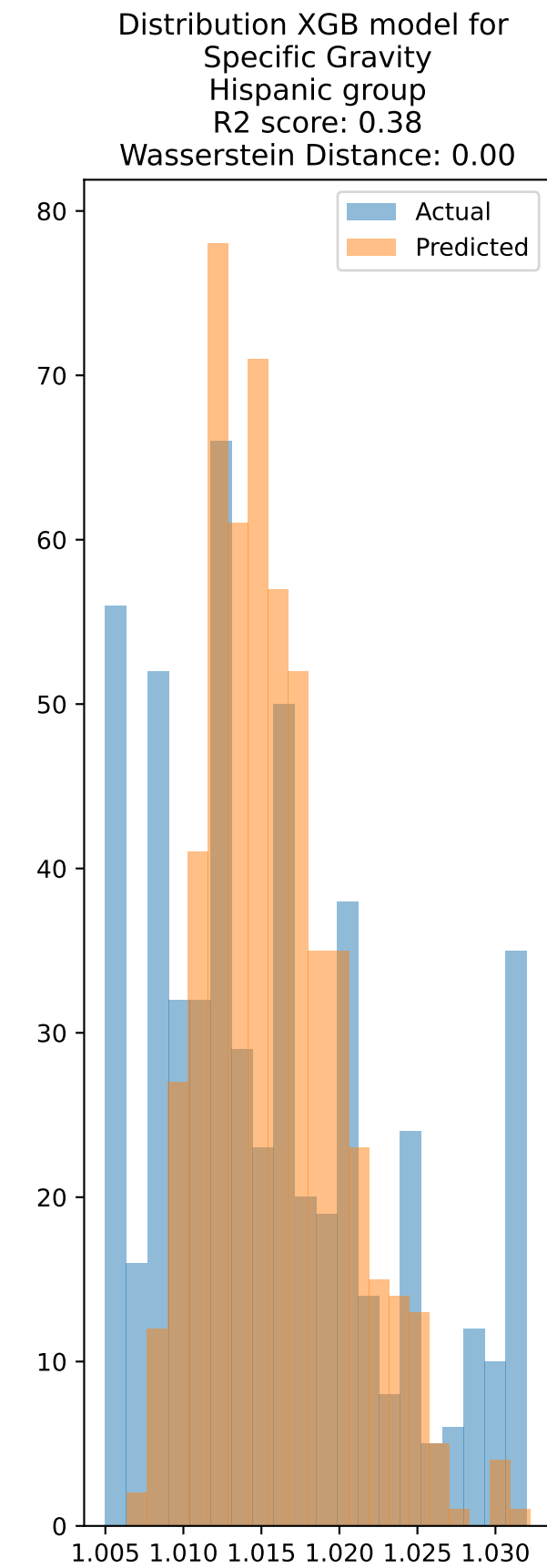
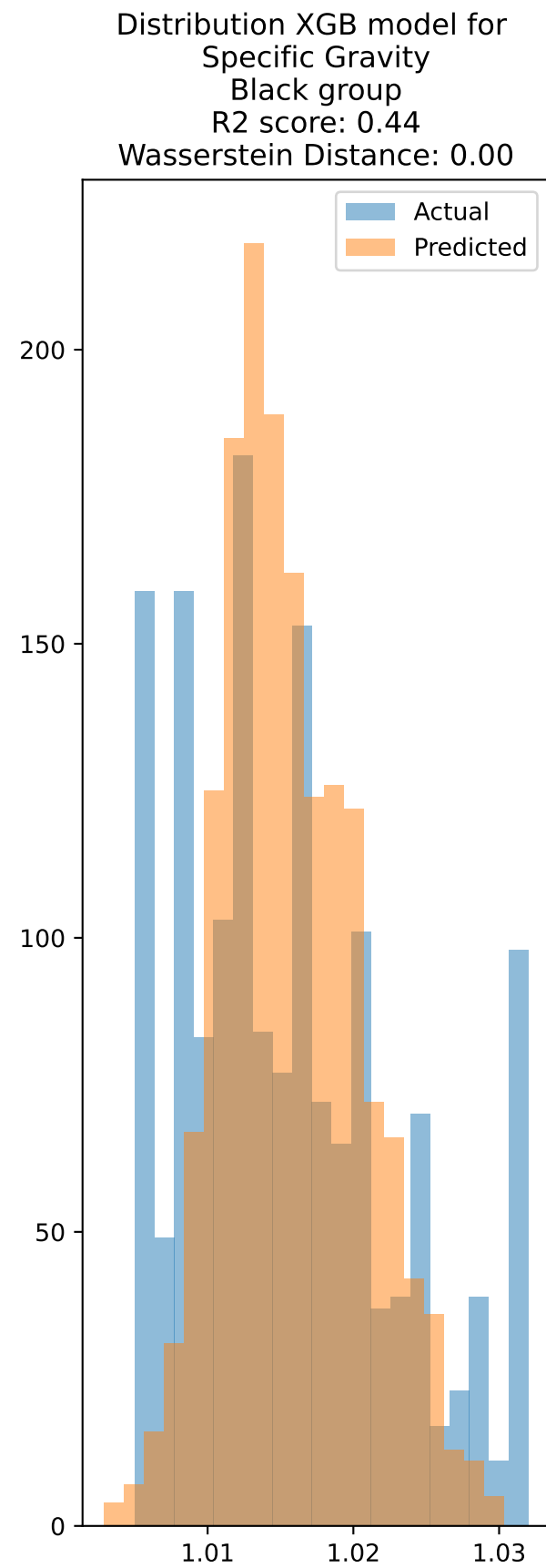
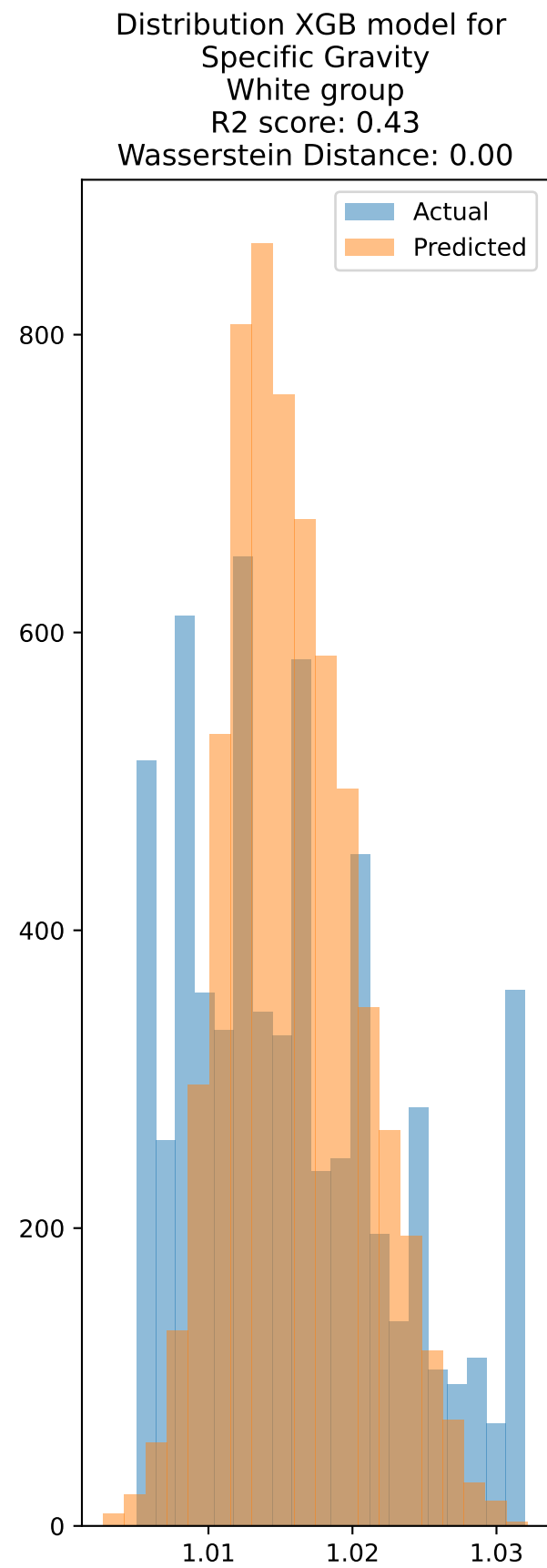


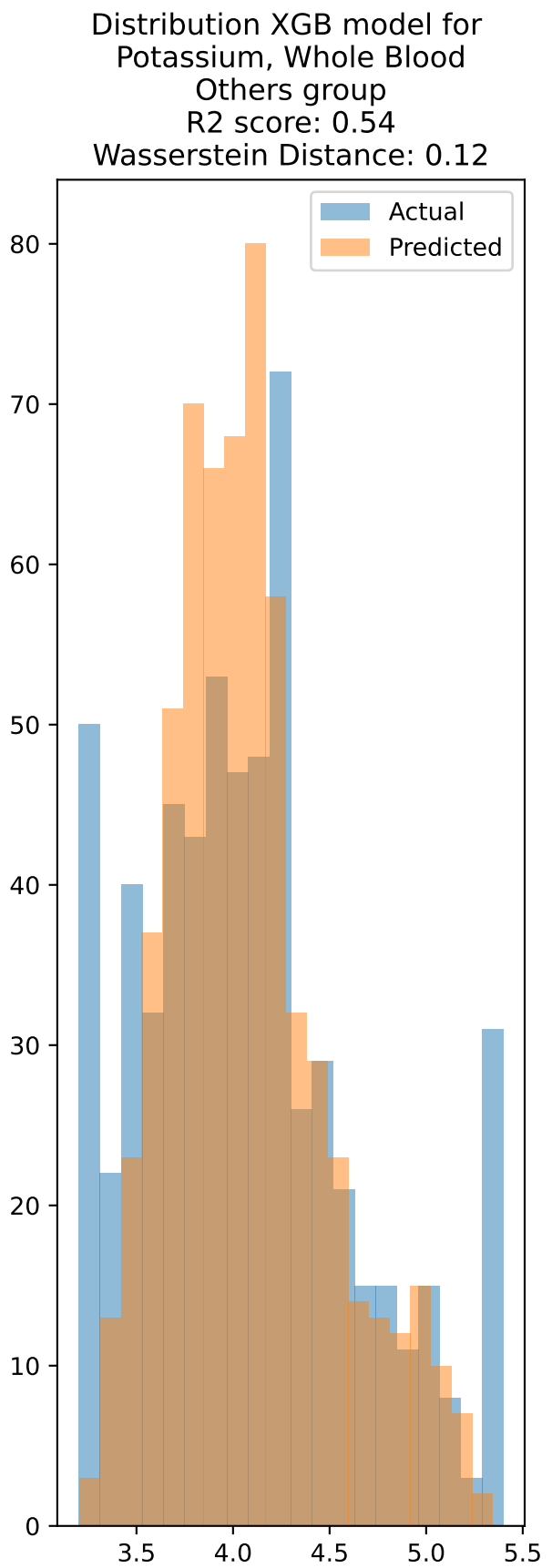
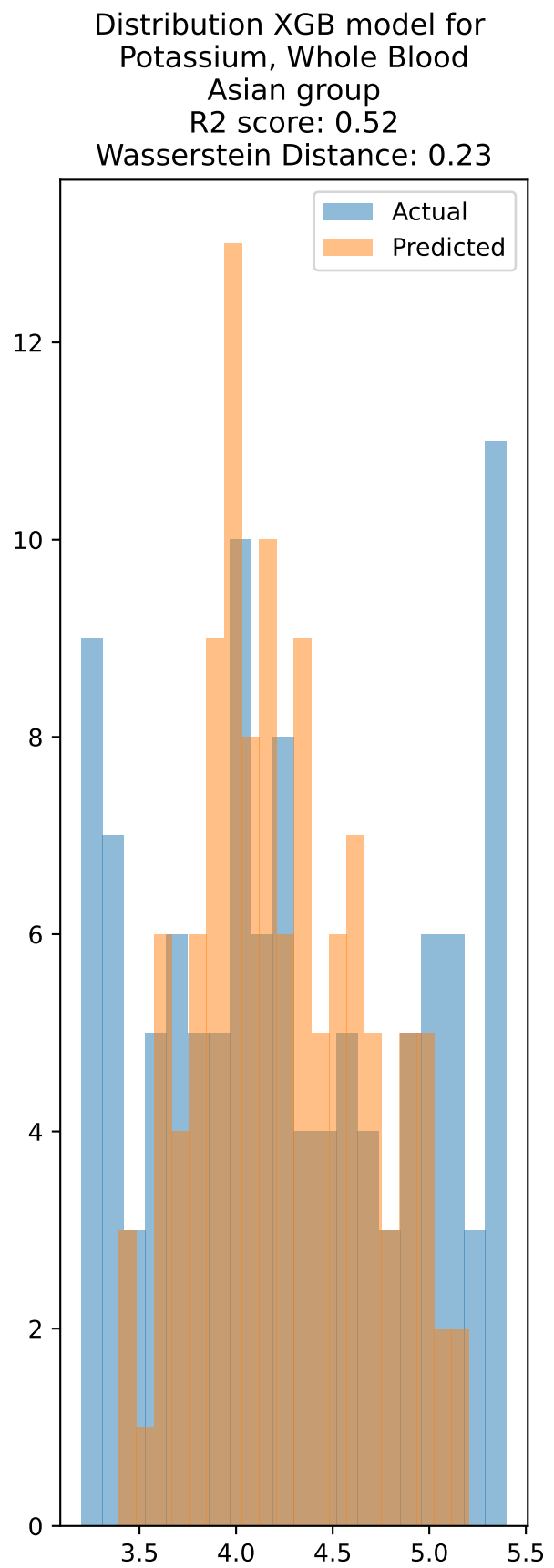
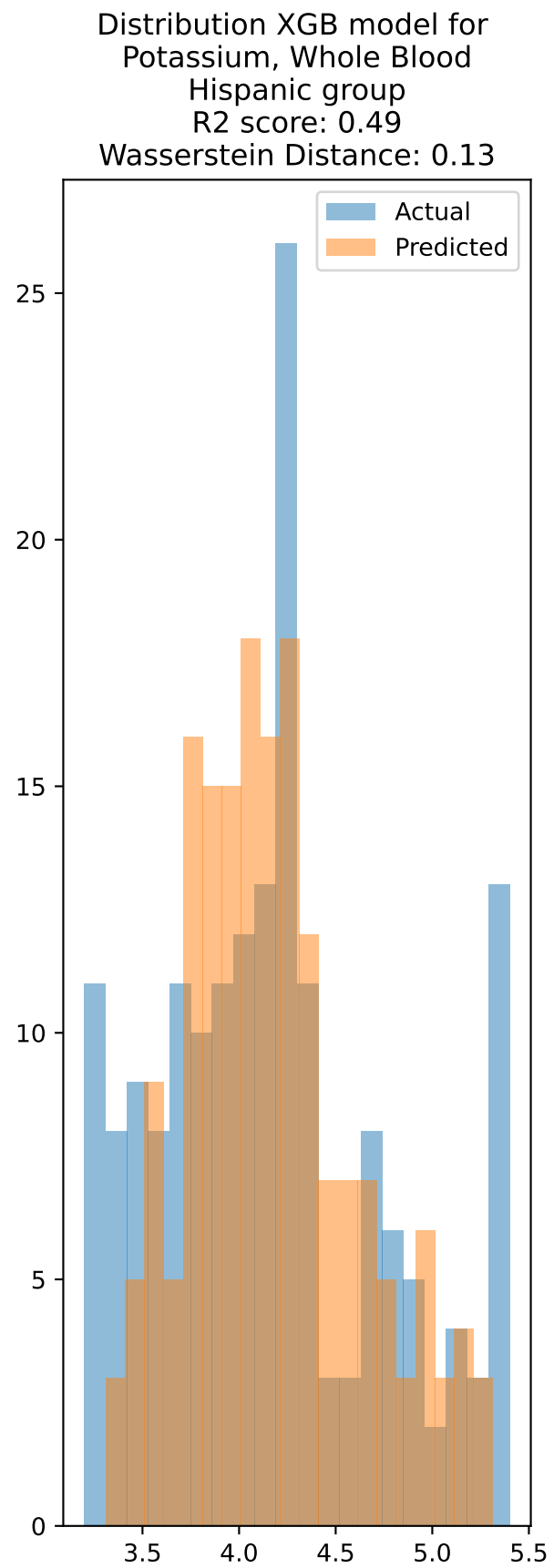
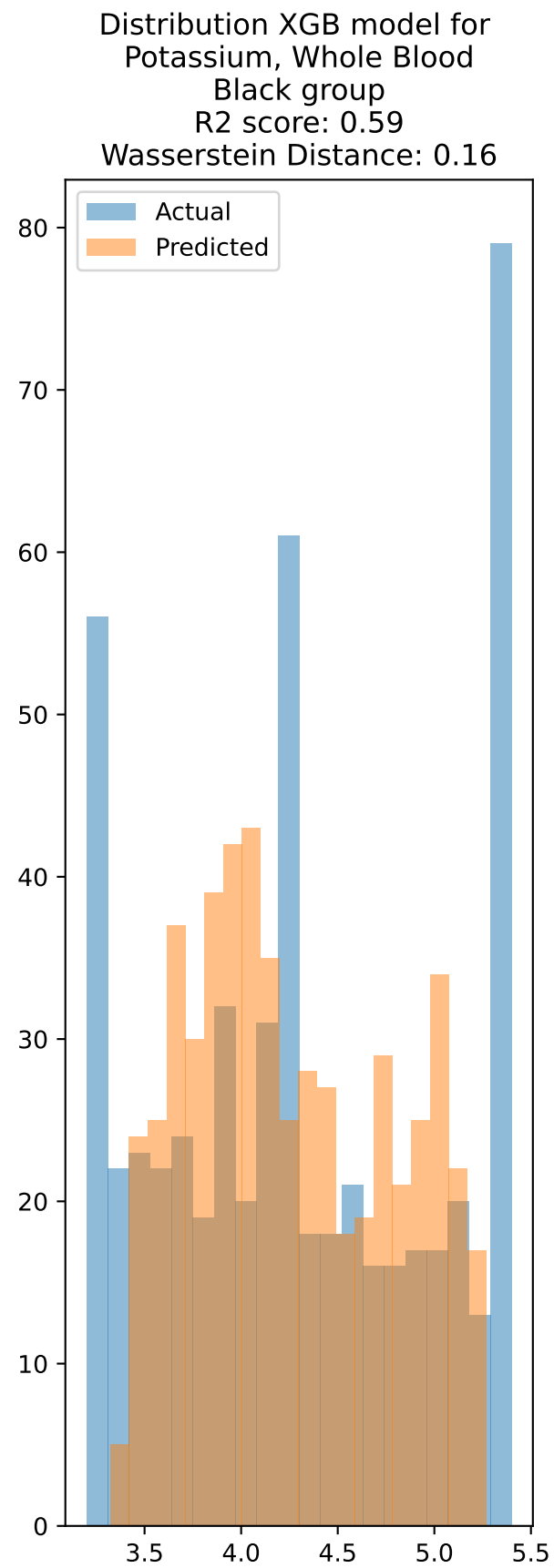
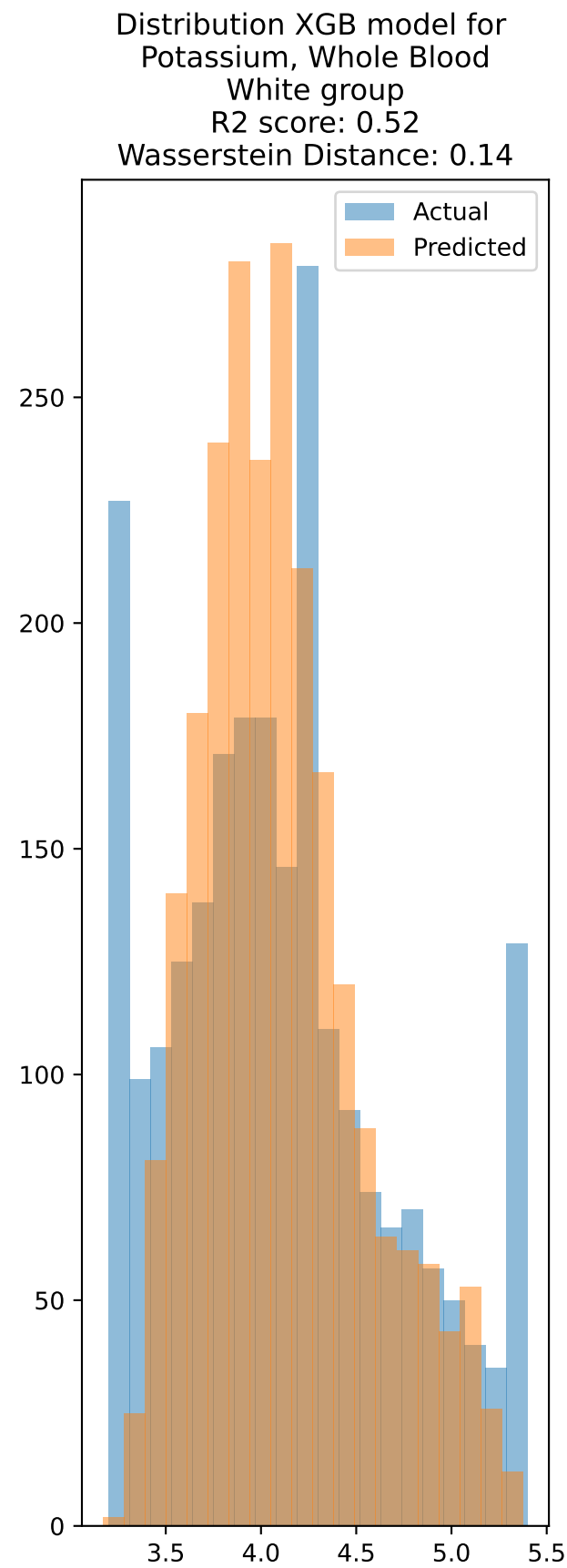
Distribution XGB model for  
pH  
Asian group  
R2 score: 0.28  
Wasserstein Distance: 0.27



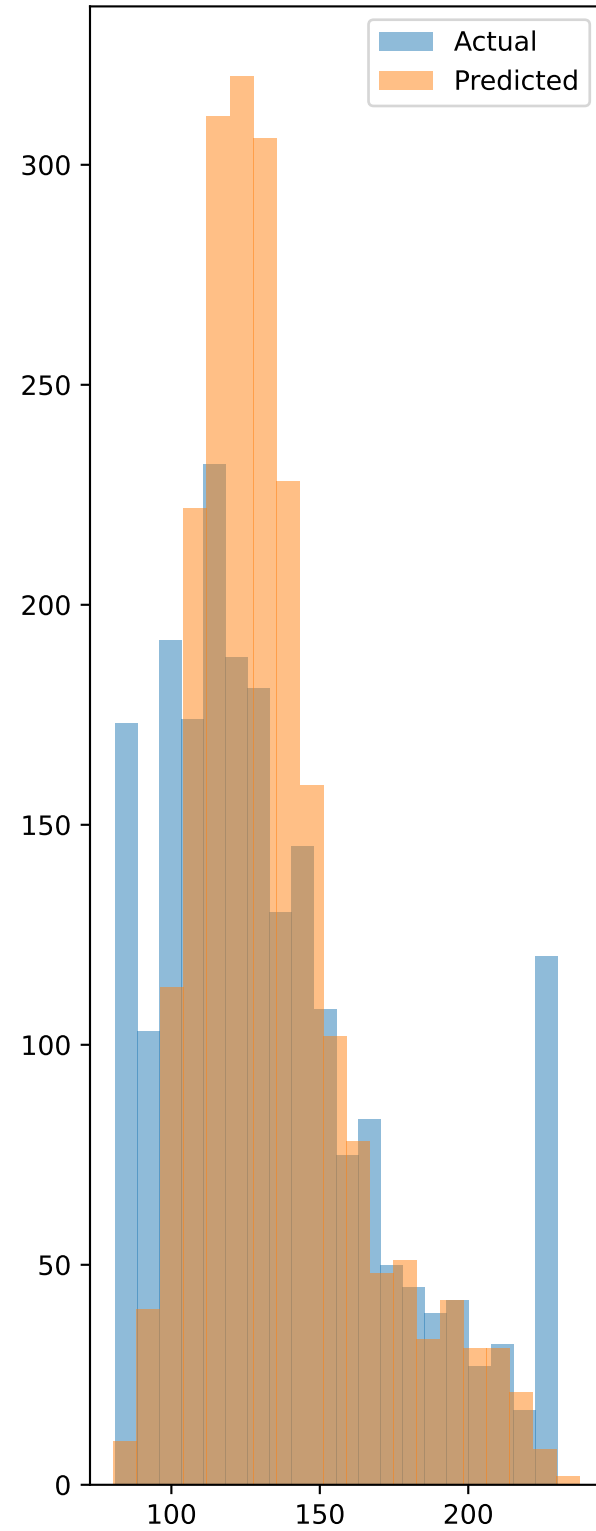
Distribution XGB model for  
pH  
Others group  
R2 score: 0.33  
Wasserstein Distance: 0.27



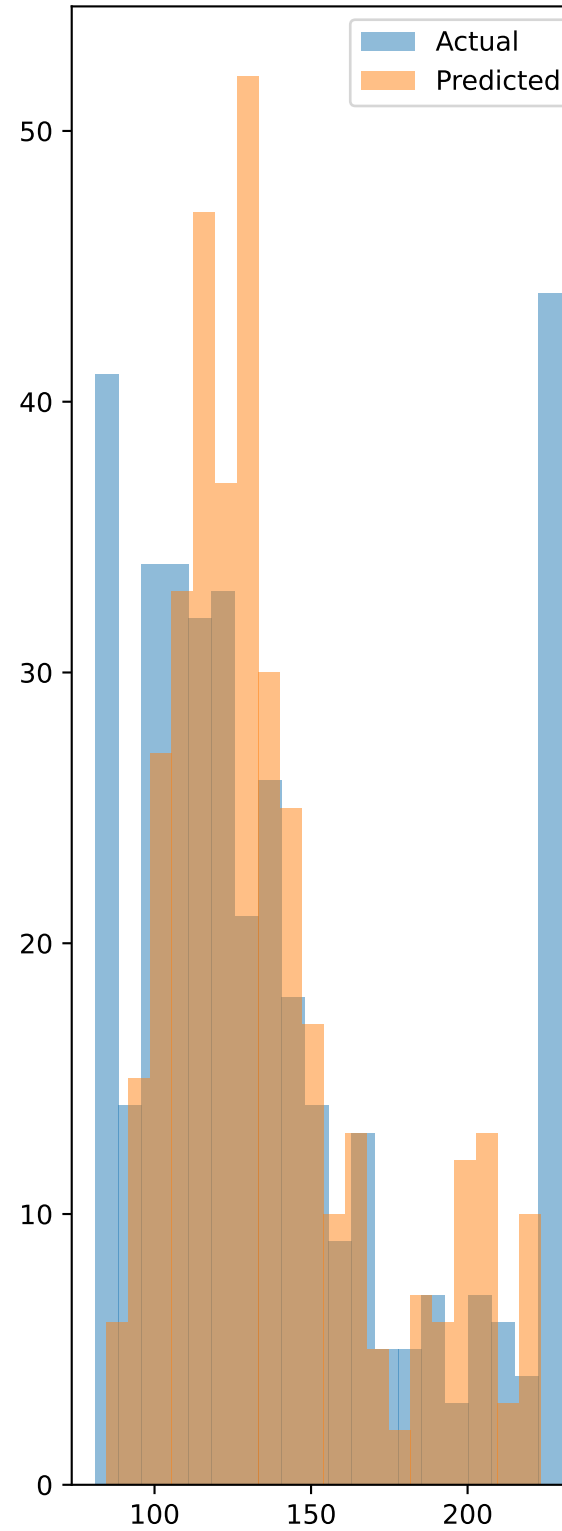




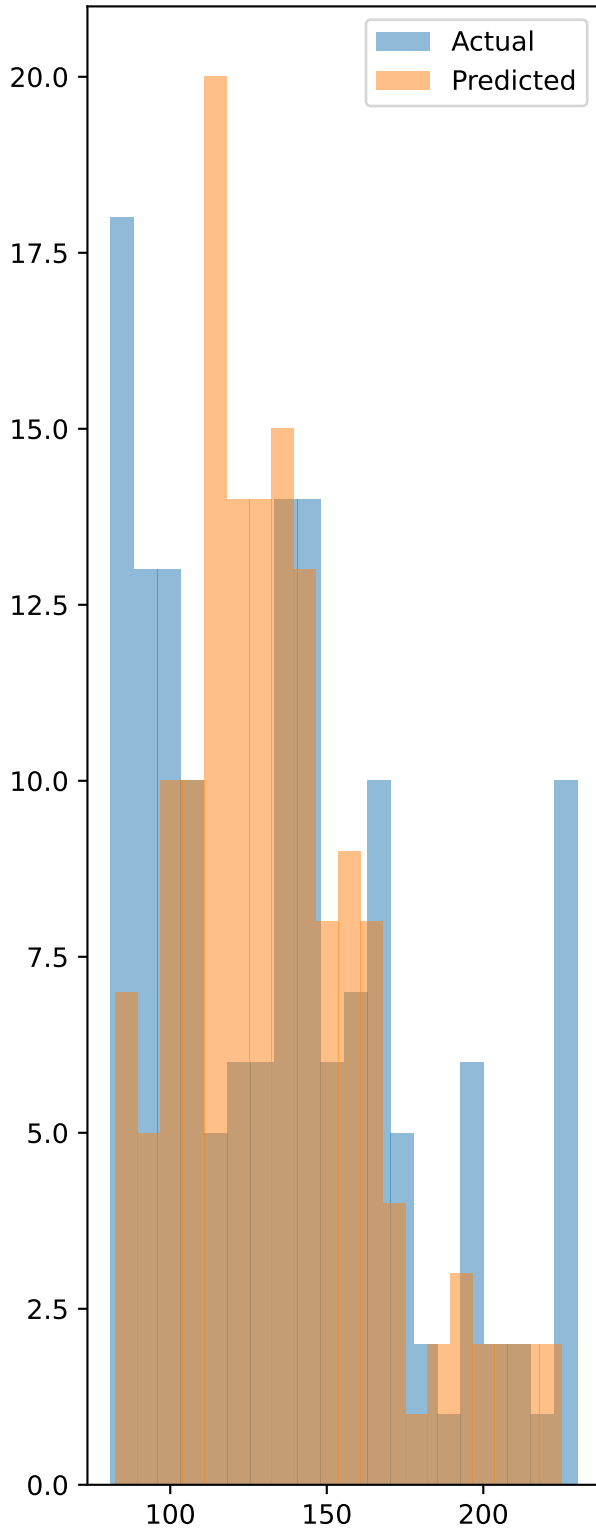
Distribution XGB model for  
Glucose  
White group  
R2 score: 0.48  
Wasserstein Distance: 10.23



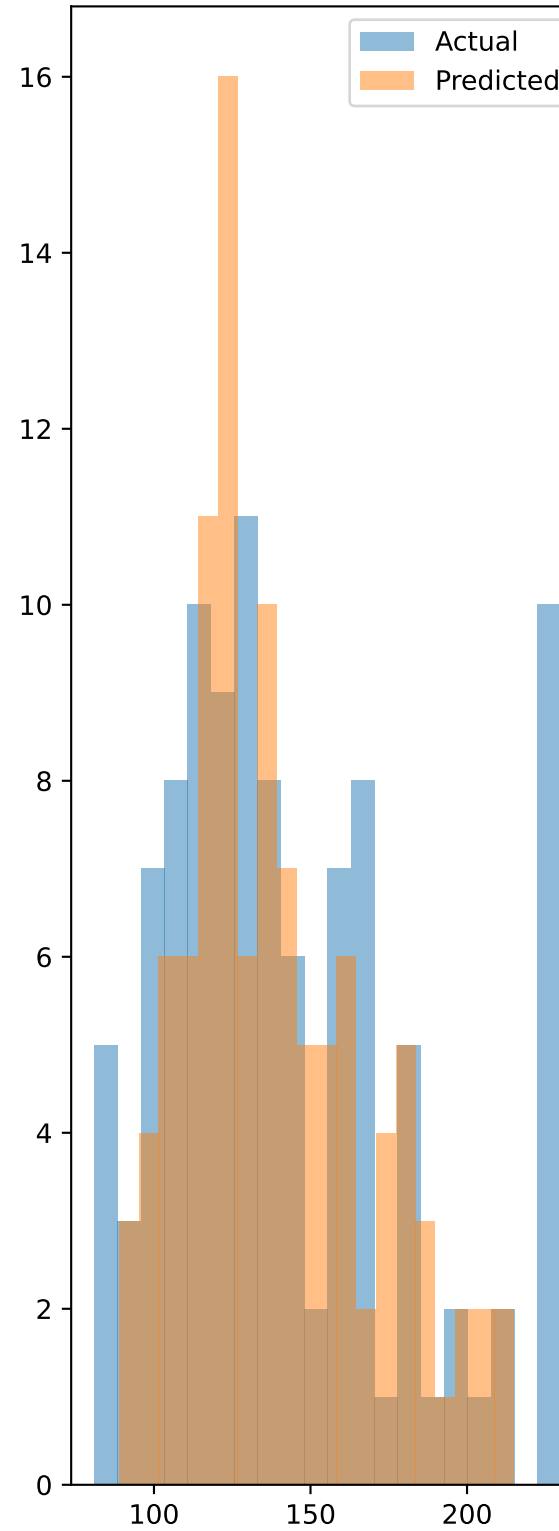
Distribution XGB model for  
Glucose  
Black group  
R2 score: 0.57  
Wasserstein Distance: 12.19



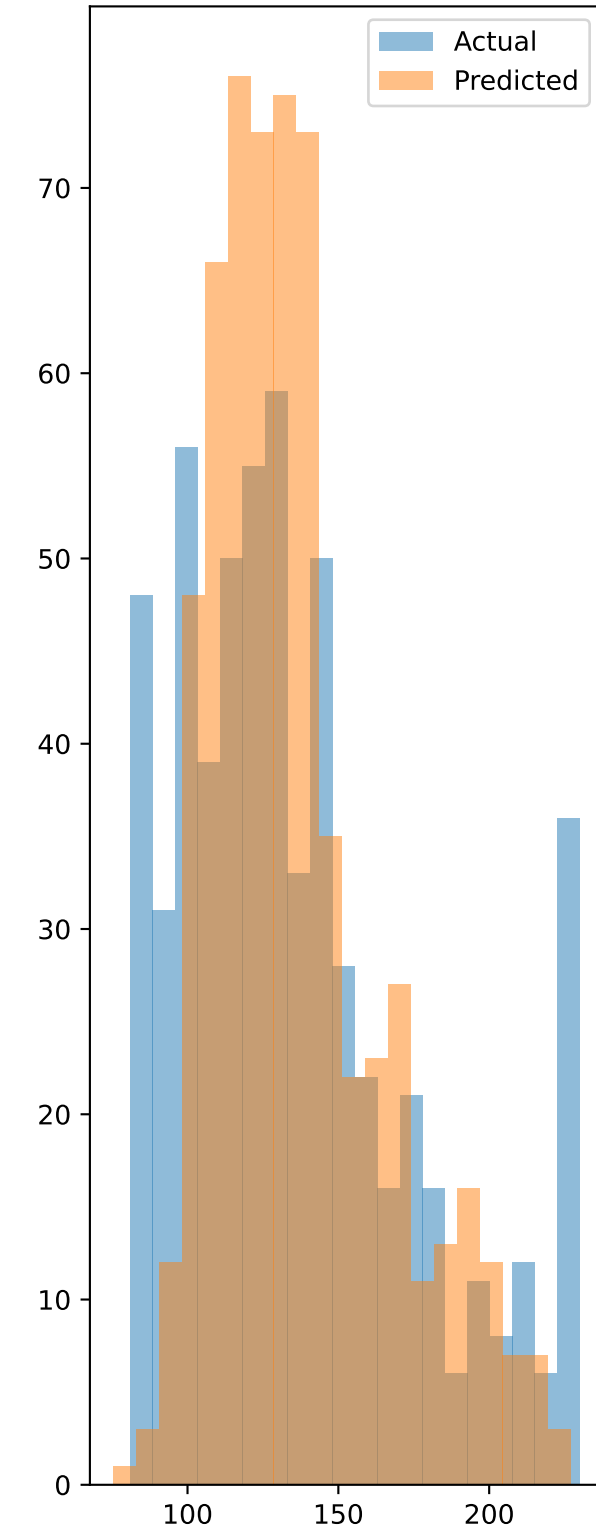
Distribution XGB model for  
Glucose  
Hispanic group  
R2 score: 0.58  
Wasserstein Distance: 11.47



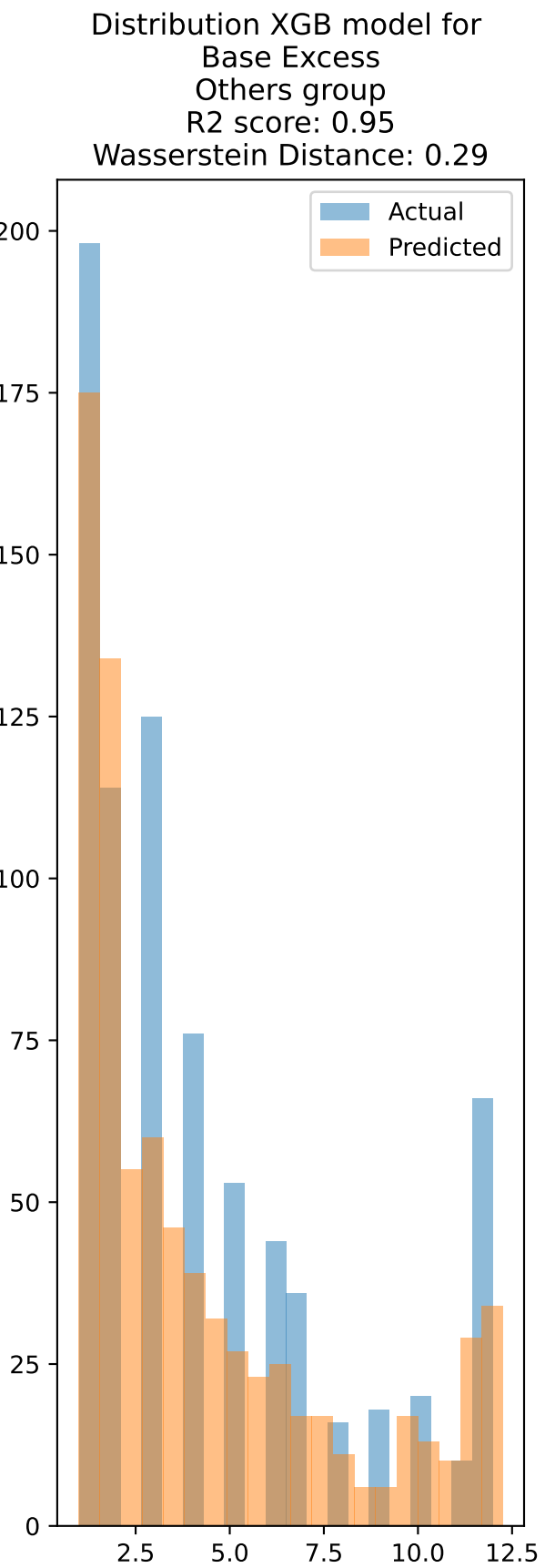
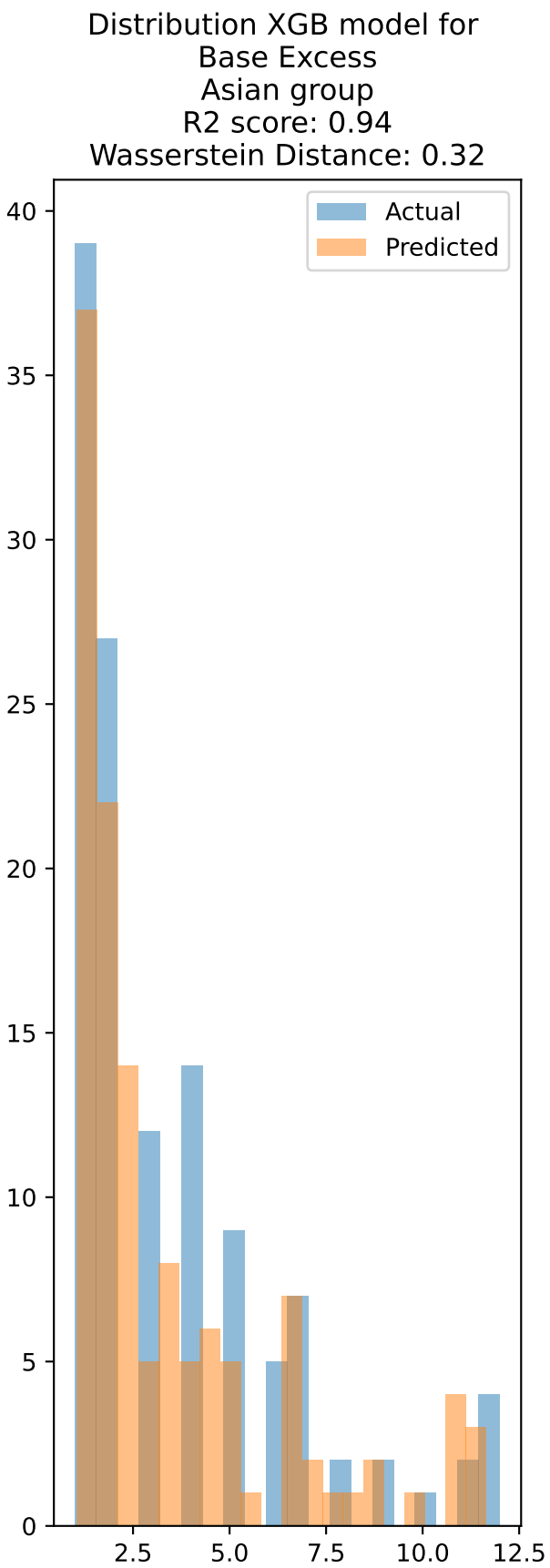
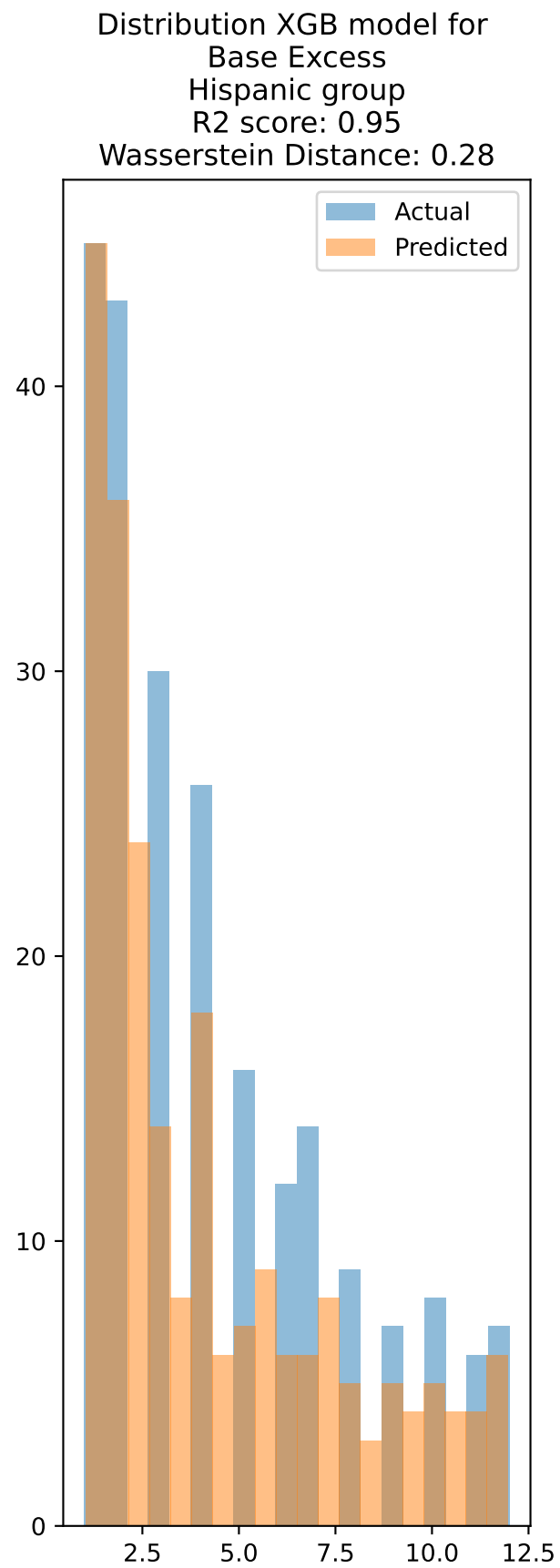
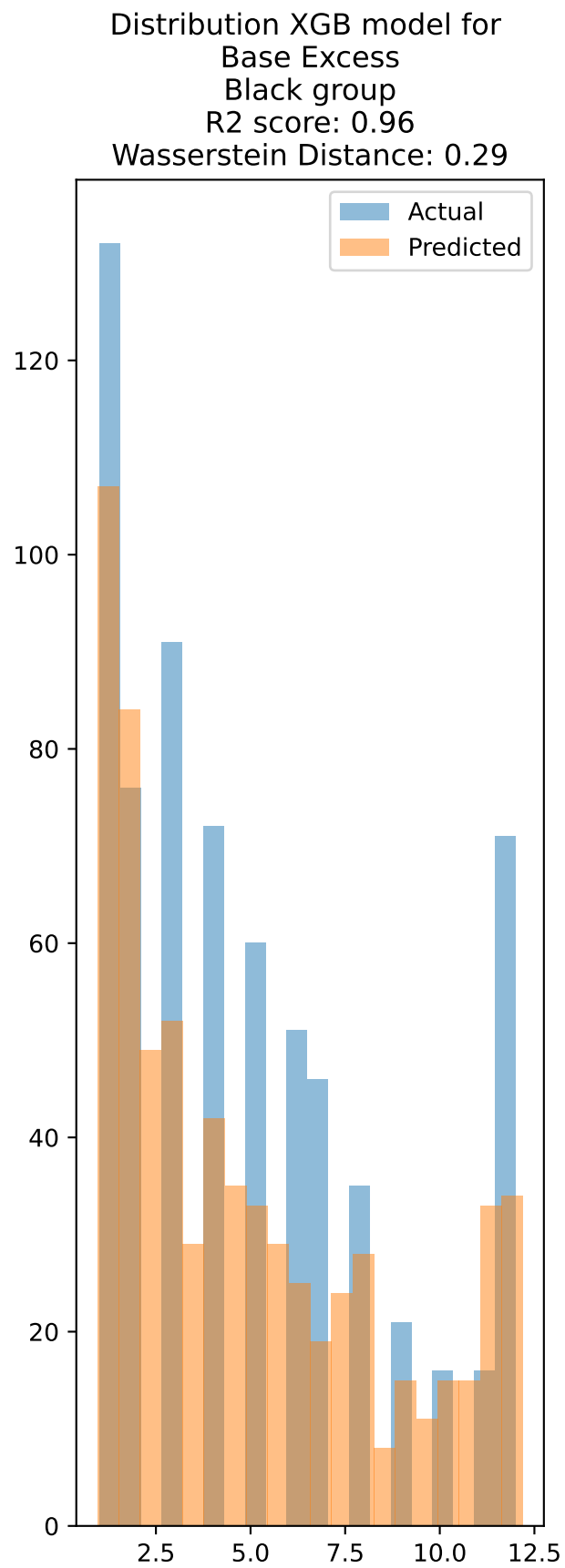
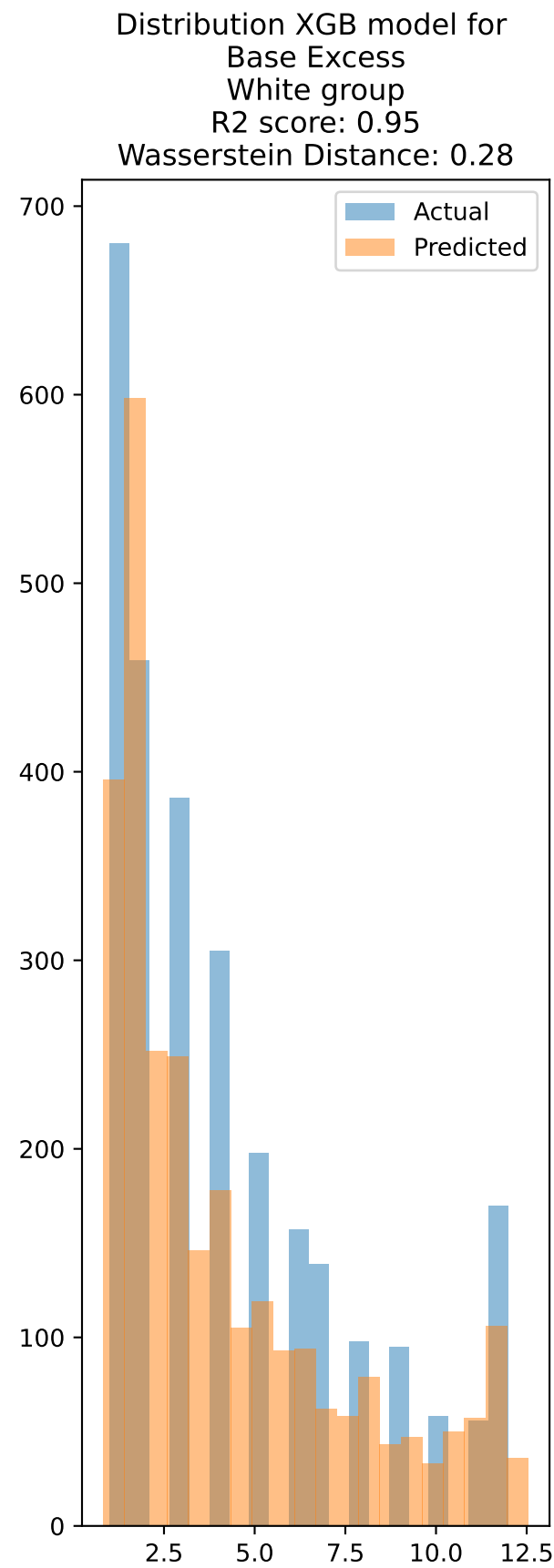
Distribution XGB model for  
Glucose  
Asian group  
R2 score: 0.50  
Wasserstein Distance: 8.75



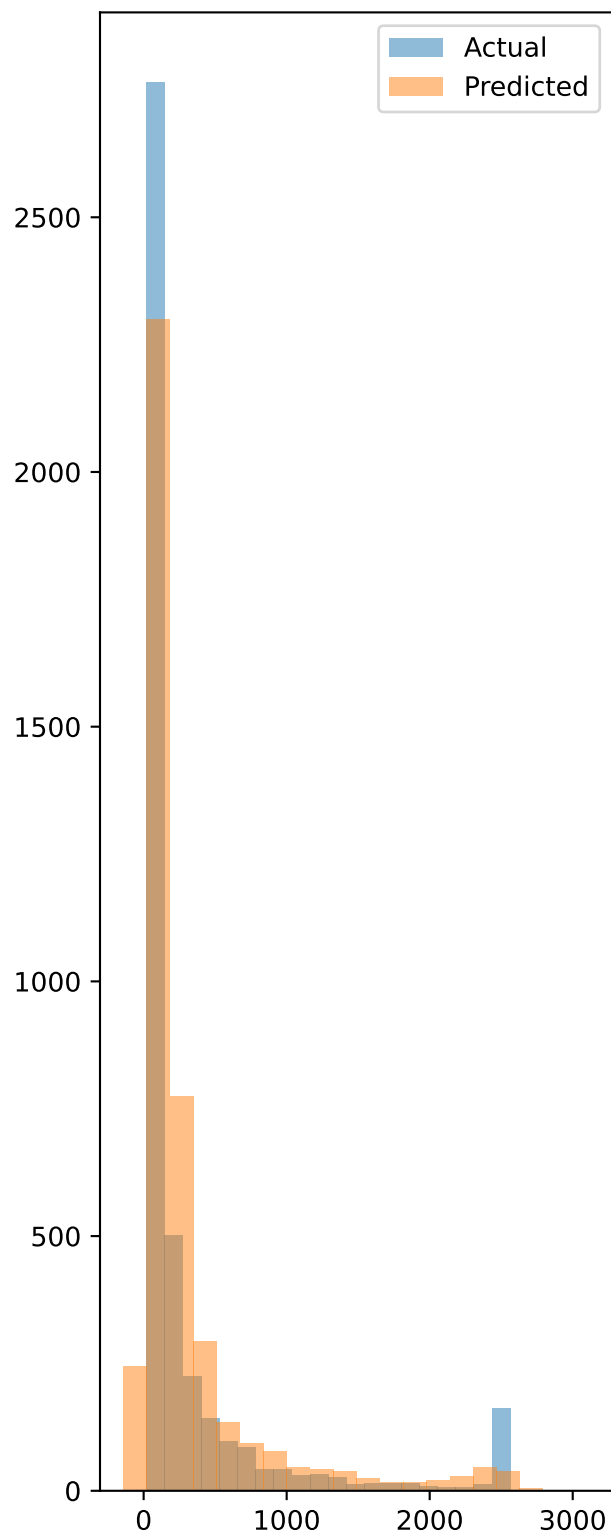
Distribution XGB model for  
Glucose  
Others group  
R2 score: 0.54  
Wasserstein Distance: 9.44



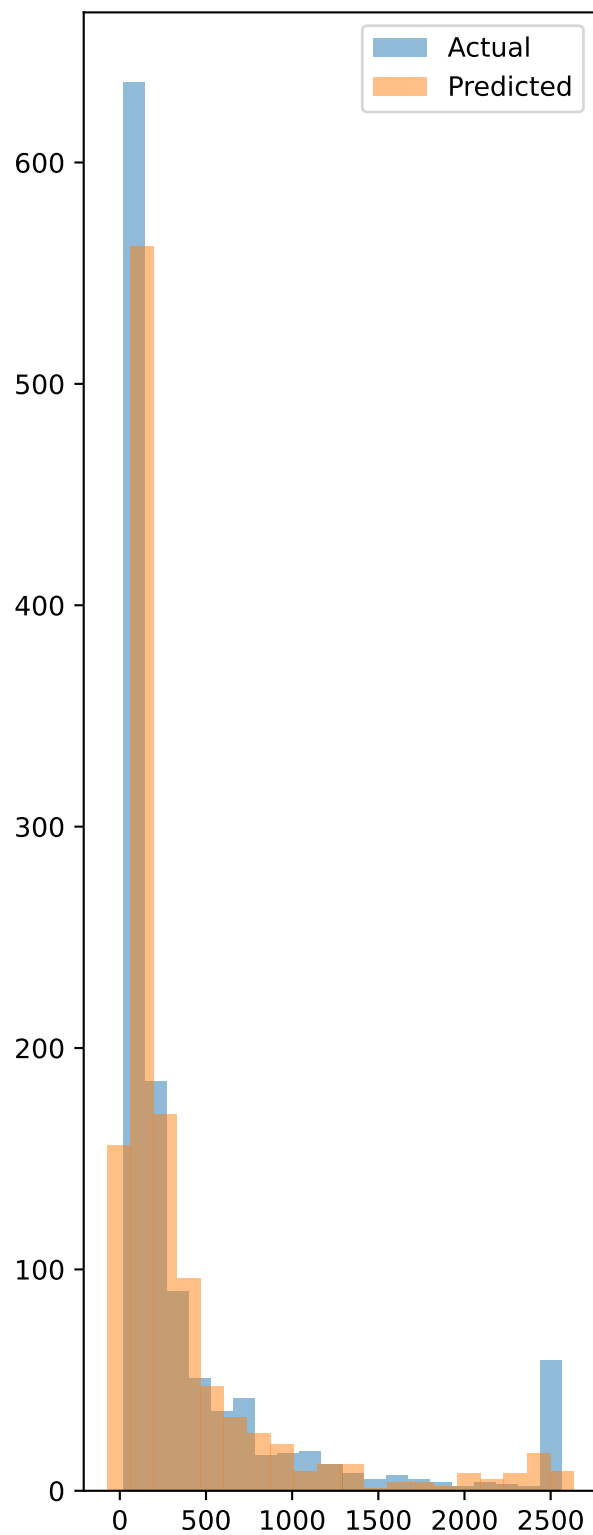




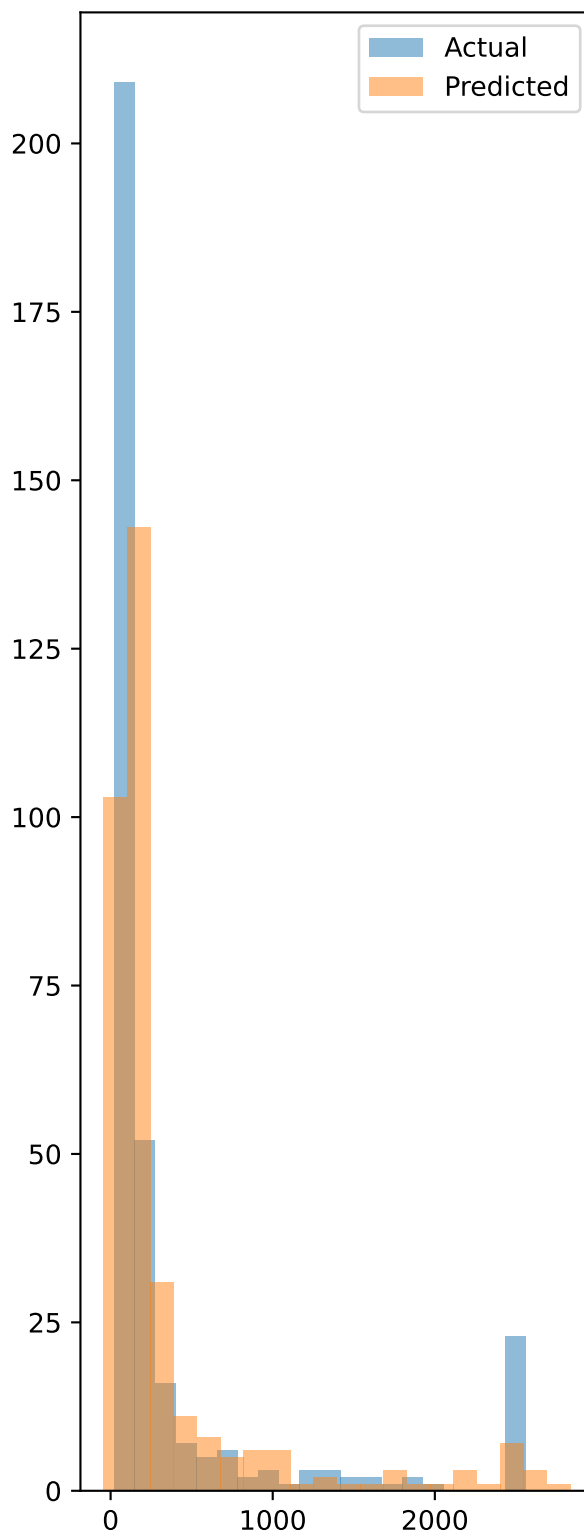
Distribution XGB model for  
Creatine Kinase (CK)  
White group  
R2 score: 0.72  
Wasserstein Distance: 60.21



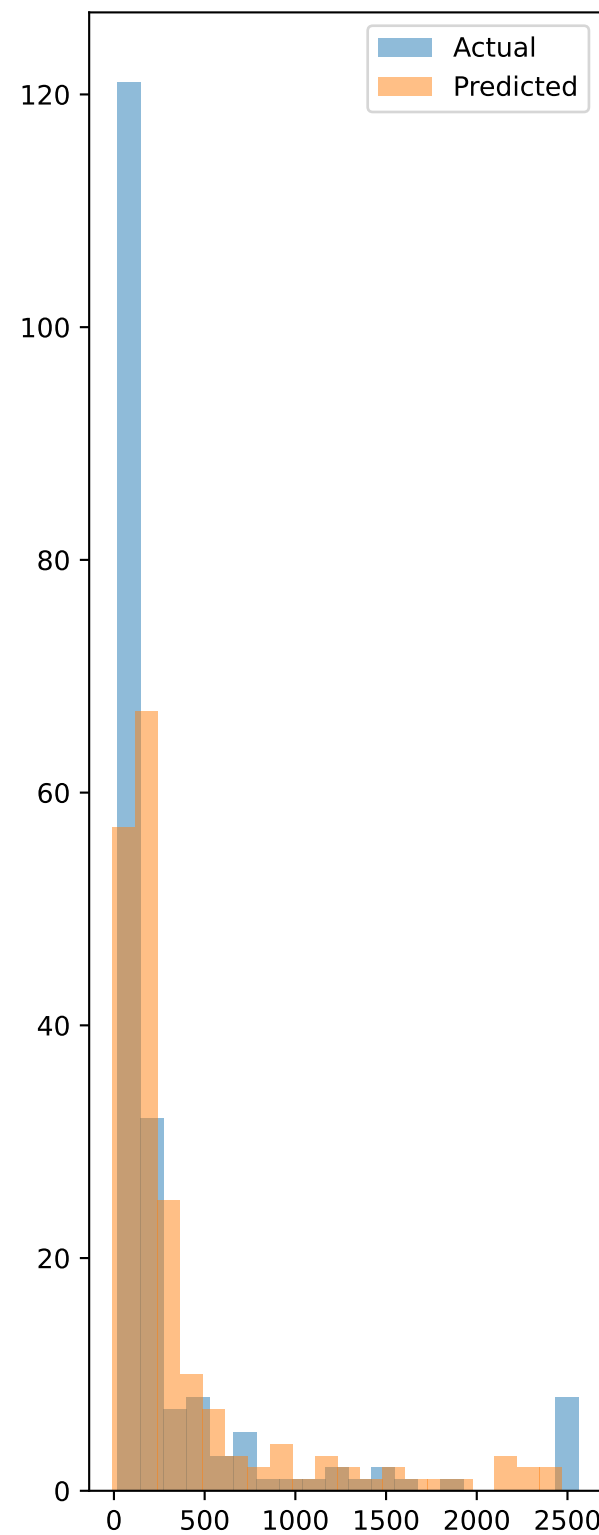
Distribution XGB model for  
Creatine Kinase (CK)  
Black group  
R2 score: 0.70  
Wasserstein Distance: 76.35



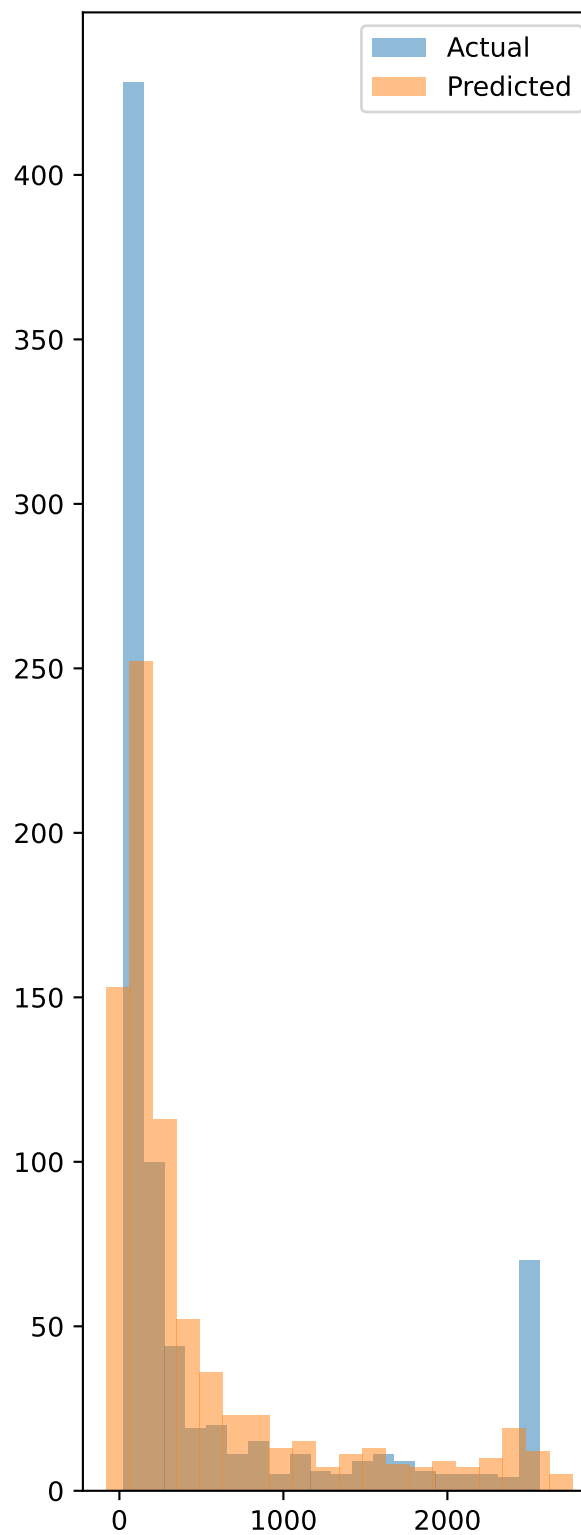
Distribution XGB model for  
Creatine Kinase (CK)  
Hispanic group  
R2 score: 0.79  
Wasserstein Distance: 83.44

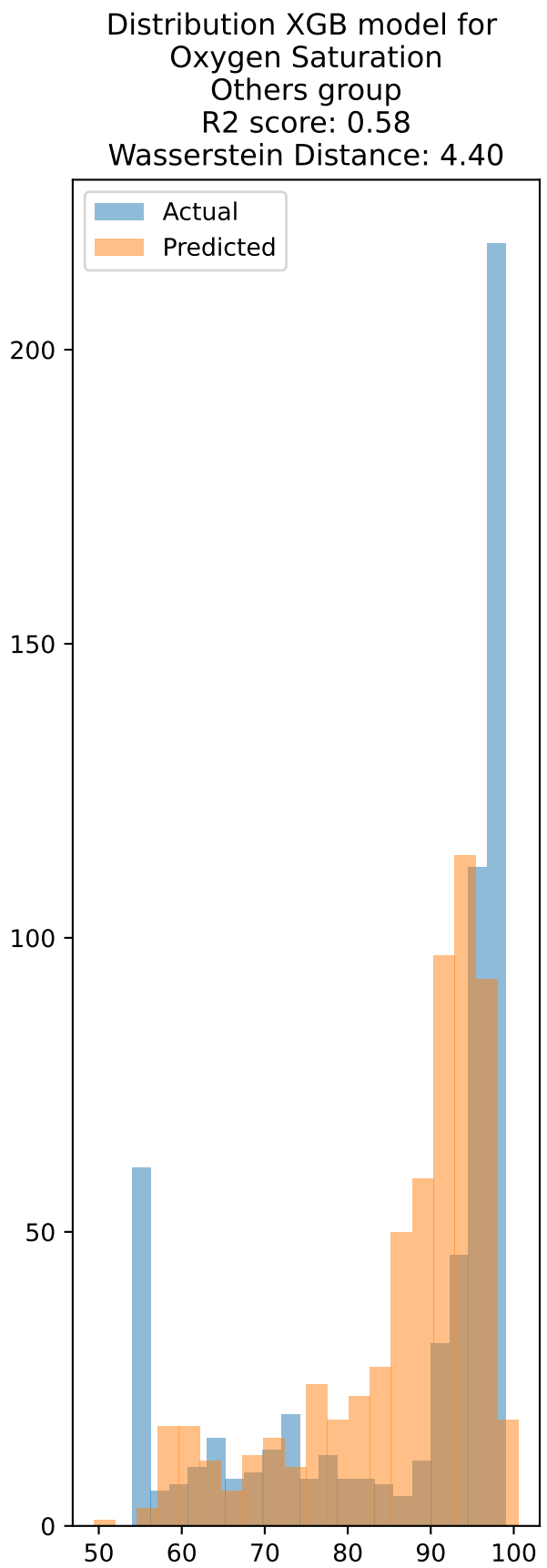
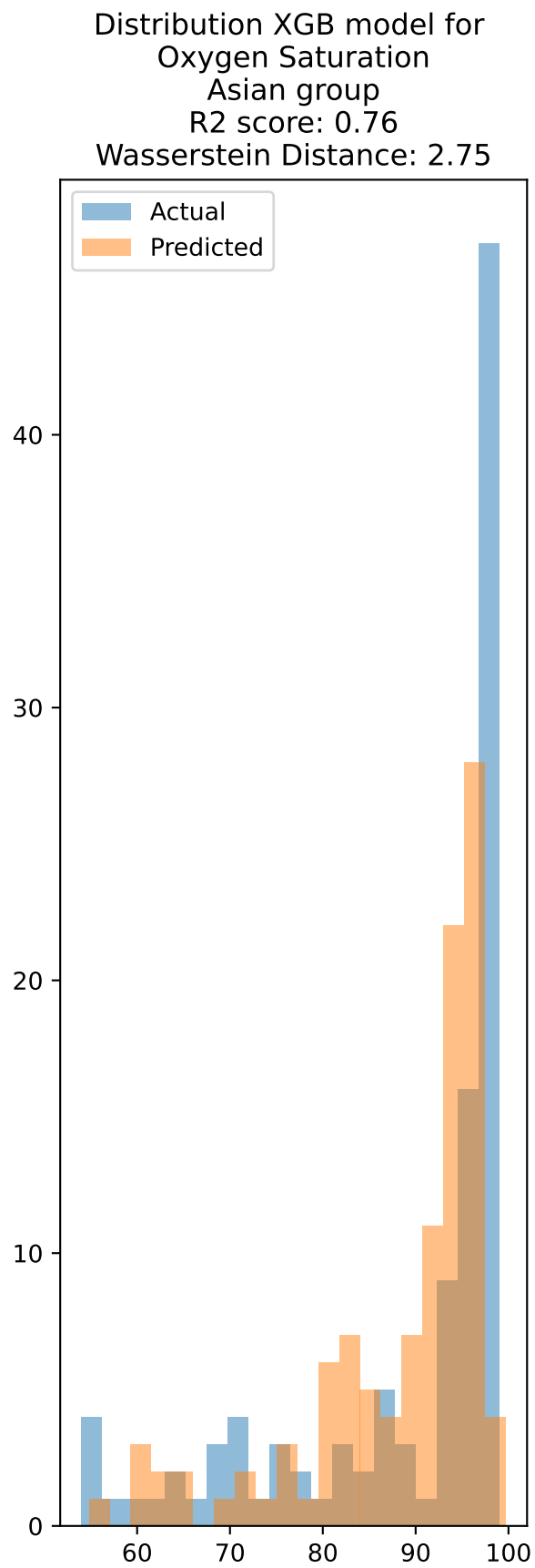
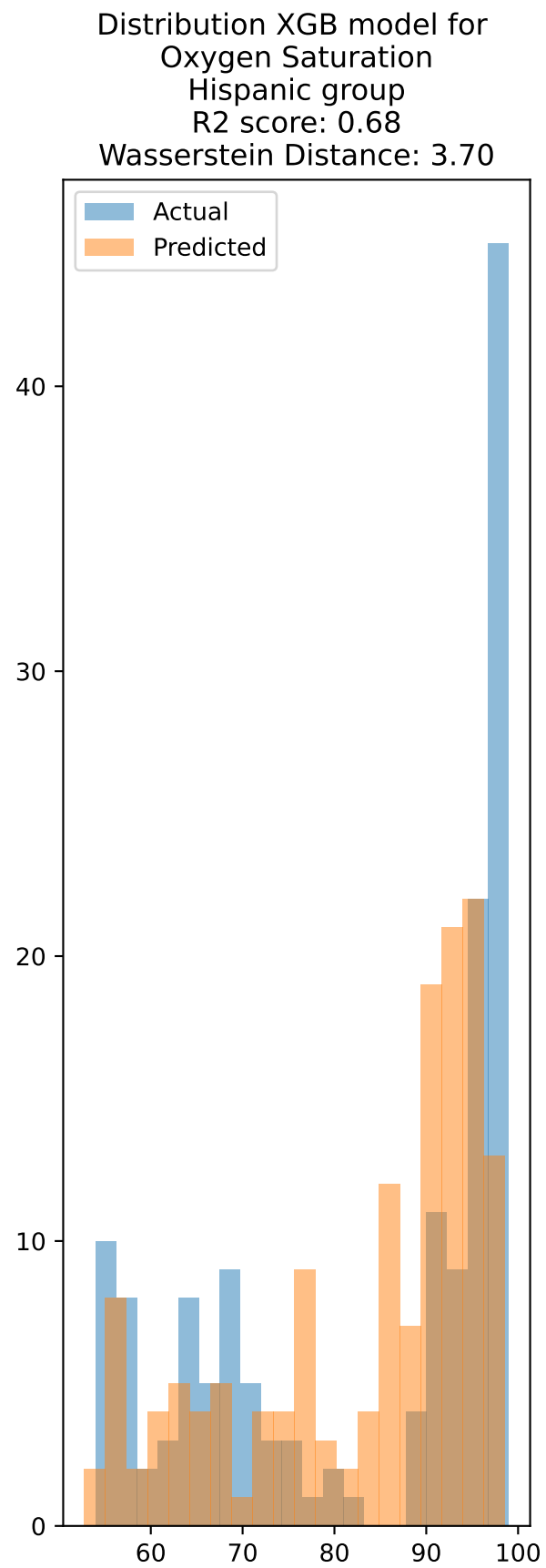
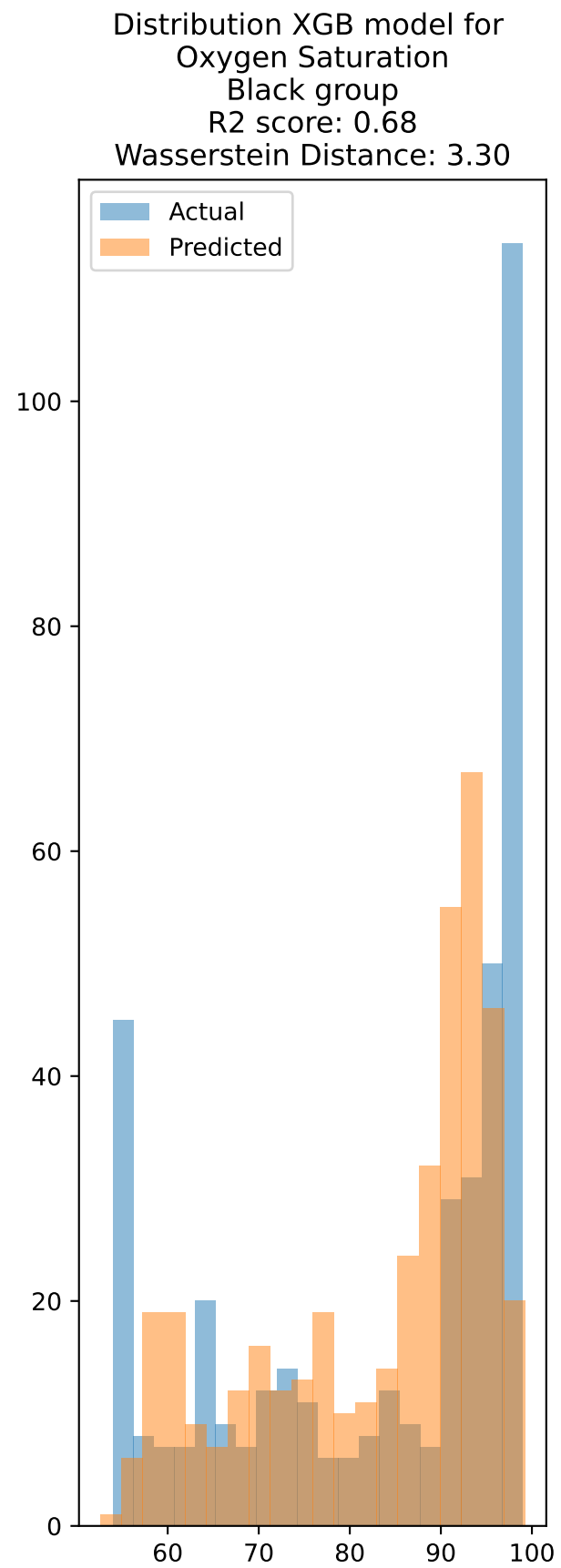
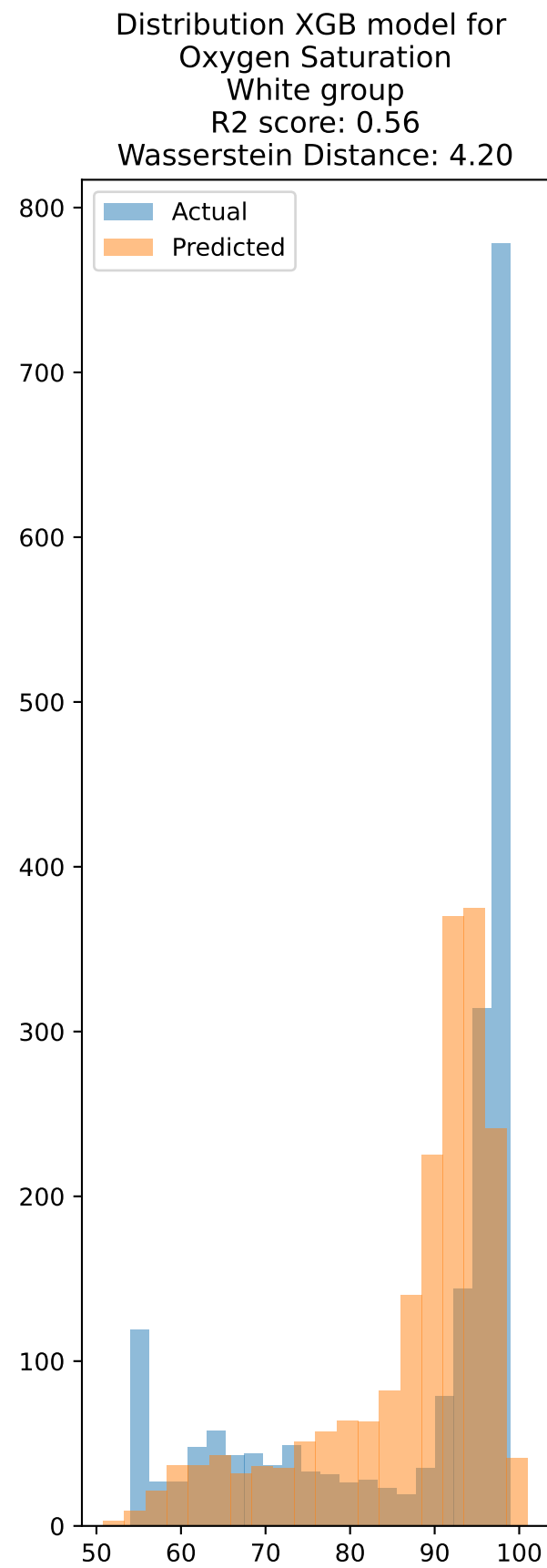


Distribution XGB model for  
Creatine Kinase (CK)  
Asian group  
R2 score: 0.79  
Wasserstein Distance: 82.03

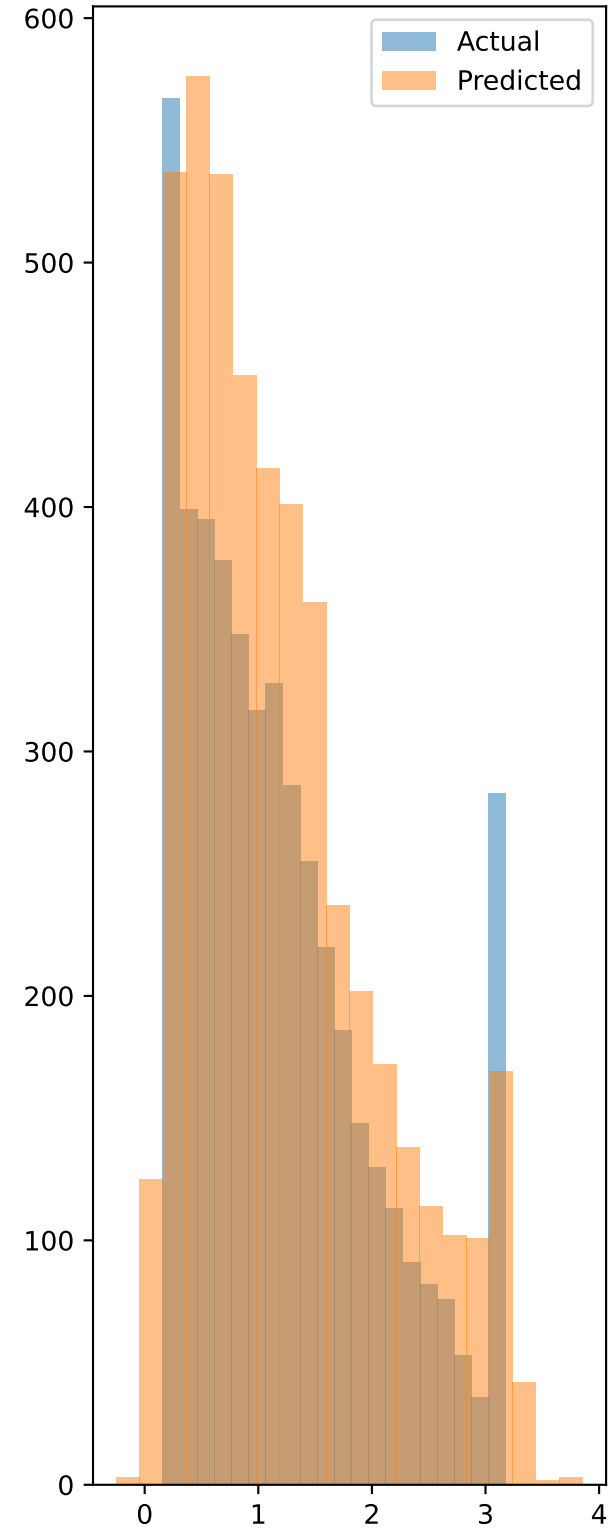


Distribution XGB model for  
Creatine Kinase (CK)  
Others group  
R2 score: 0.78  
Wasserstein Distance: 106.54

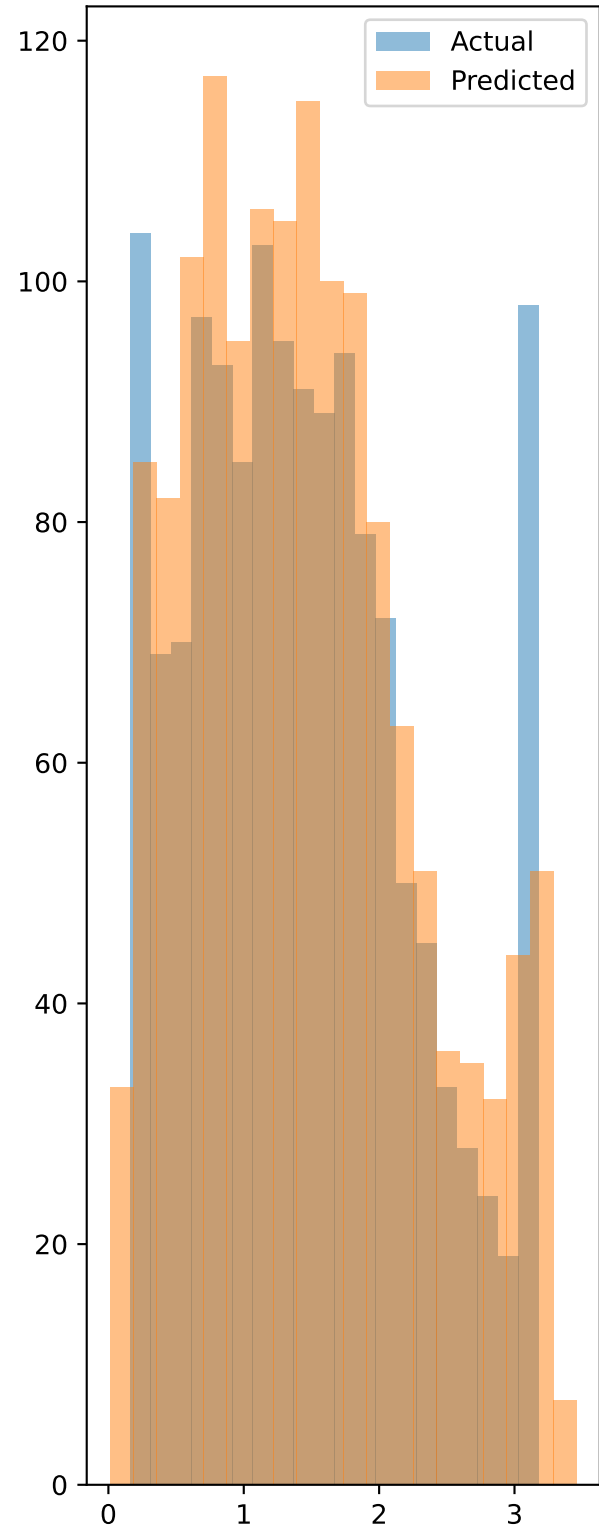




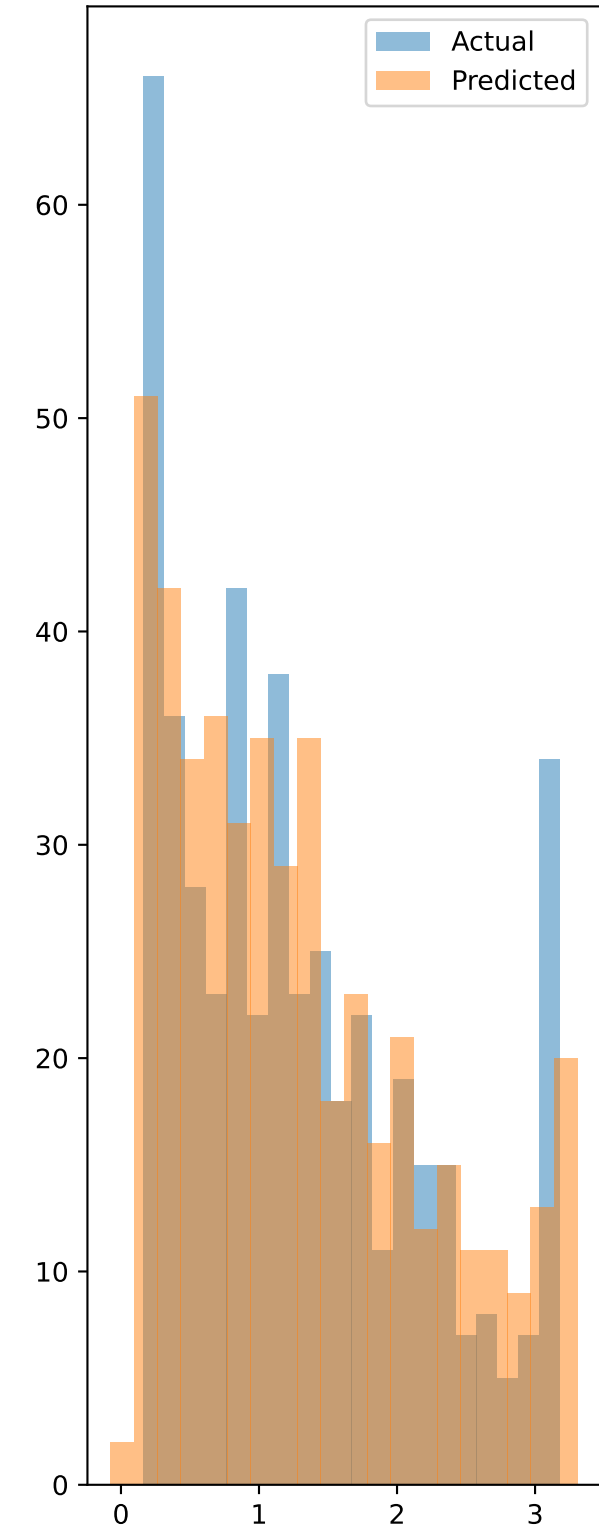
Distribution XGB model for  
Absolute Lymphocyte Count  
White group  
R2 score: 0.99  
Wasserstein Distance: 0.02



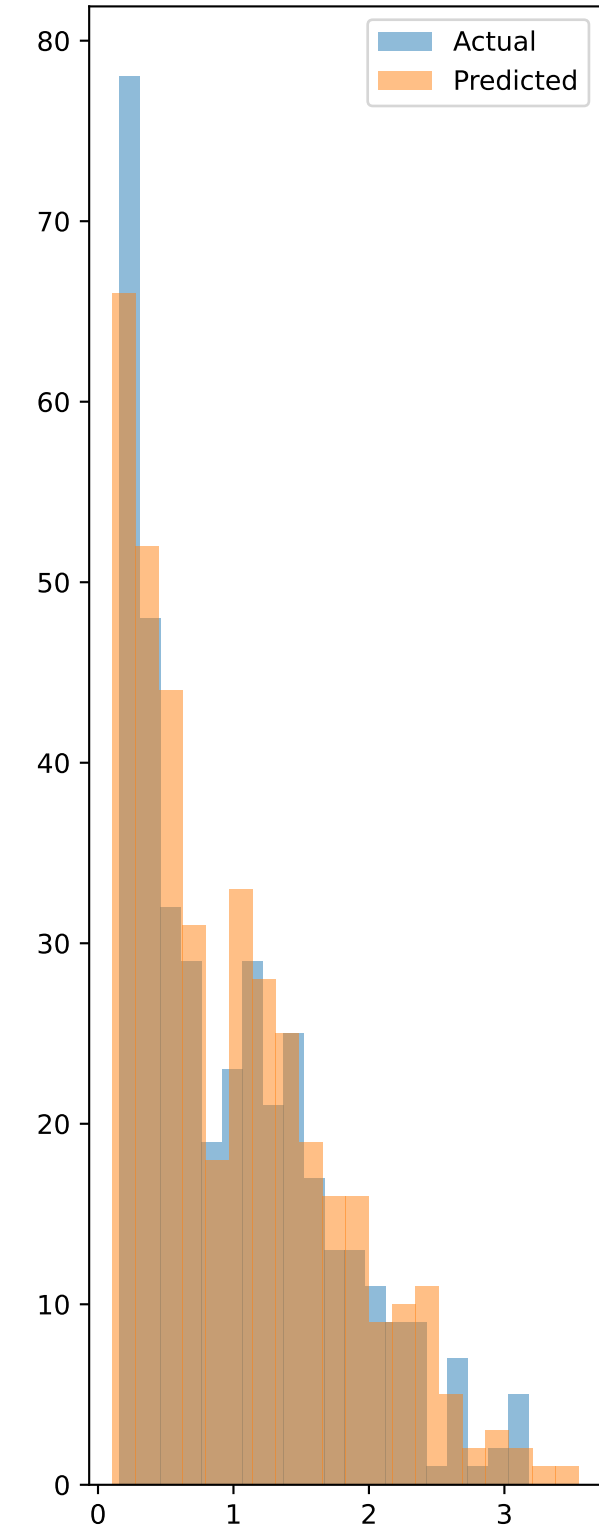
Distribution XGB model for  
Absolute Lymphocyte Count  
Black group  
R2 score: 0.99  
Wasserstein Distance: 0.01



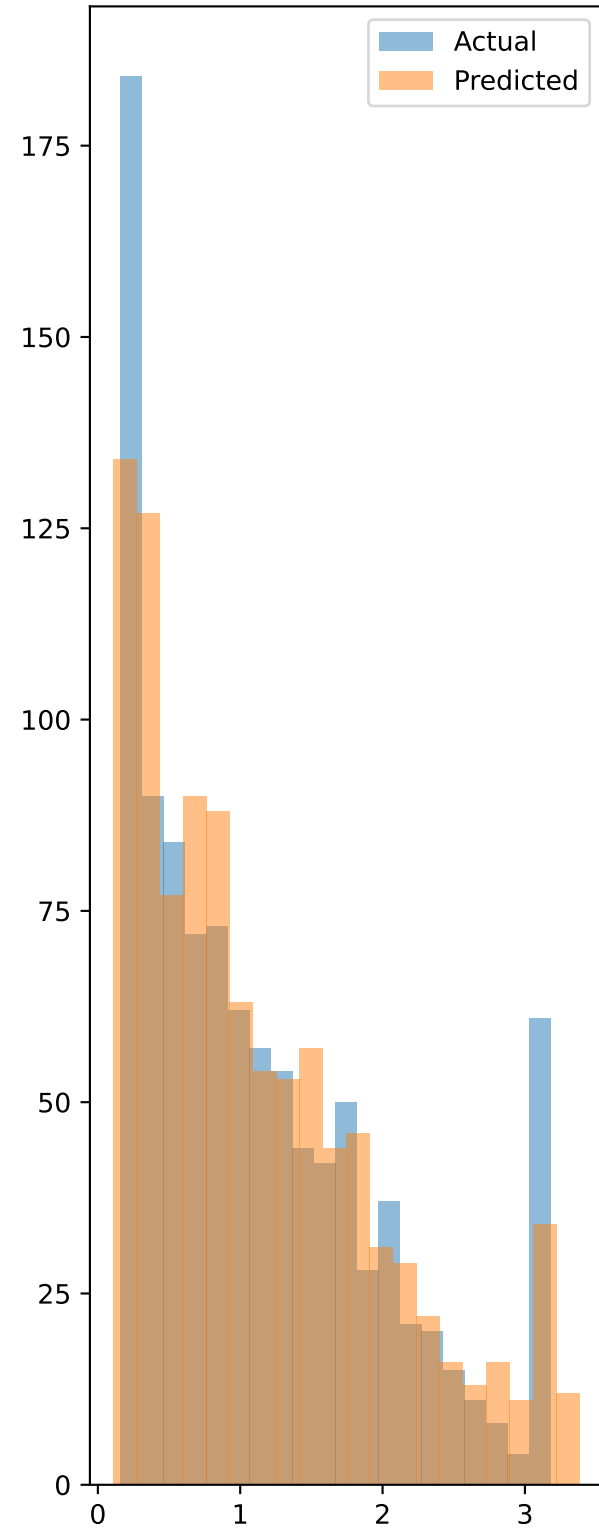
Distribution XGB model for  
Absolute Lymphocyte Count  
Hispanic group  
R2 score: 0.99  
Wasserstein Distance: 0.02

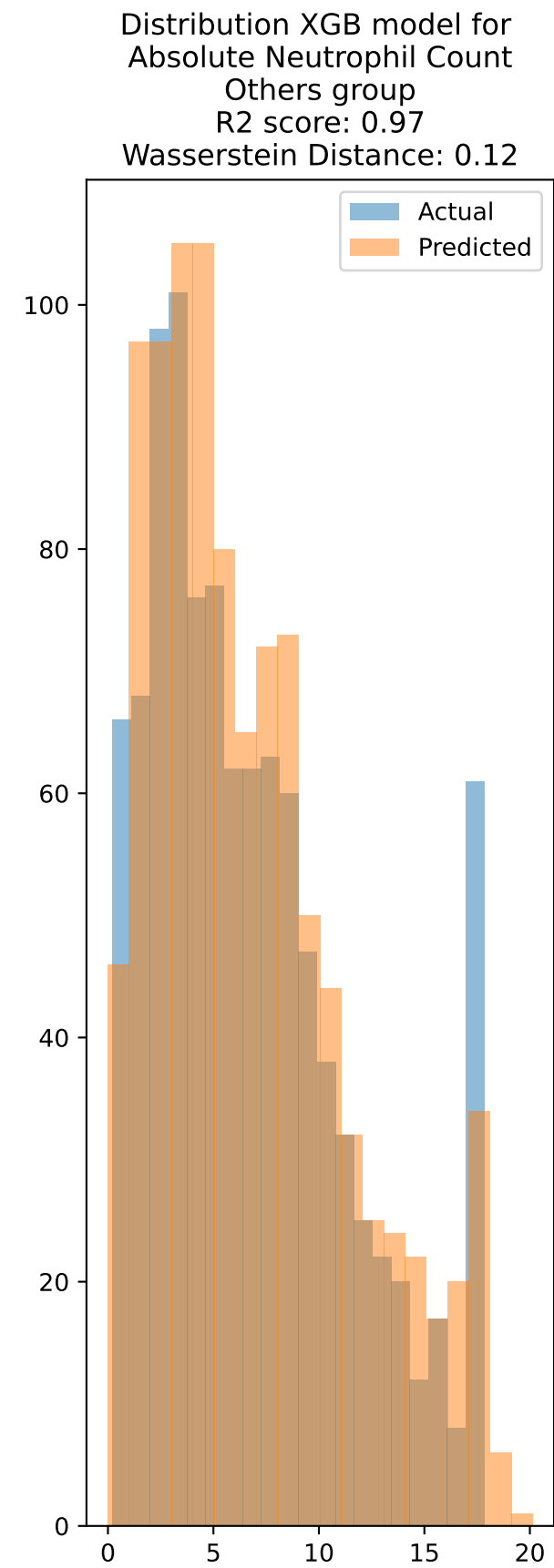
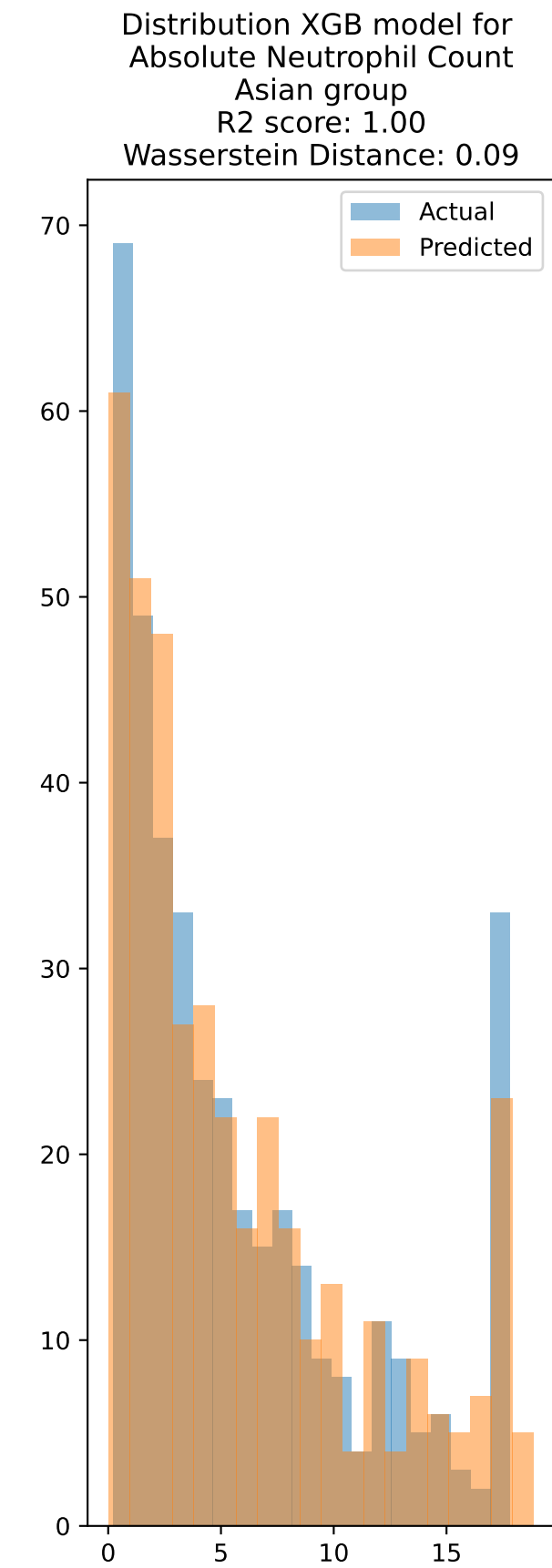
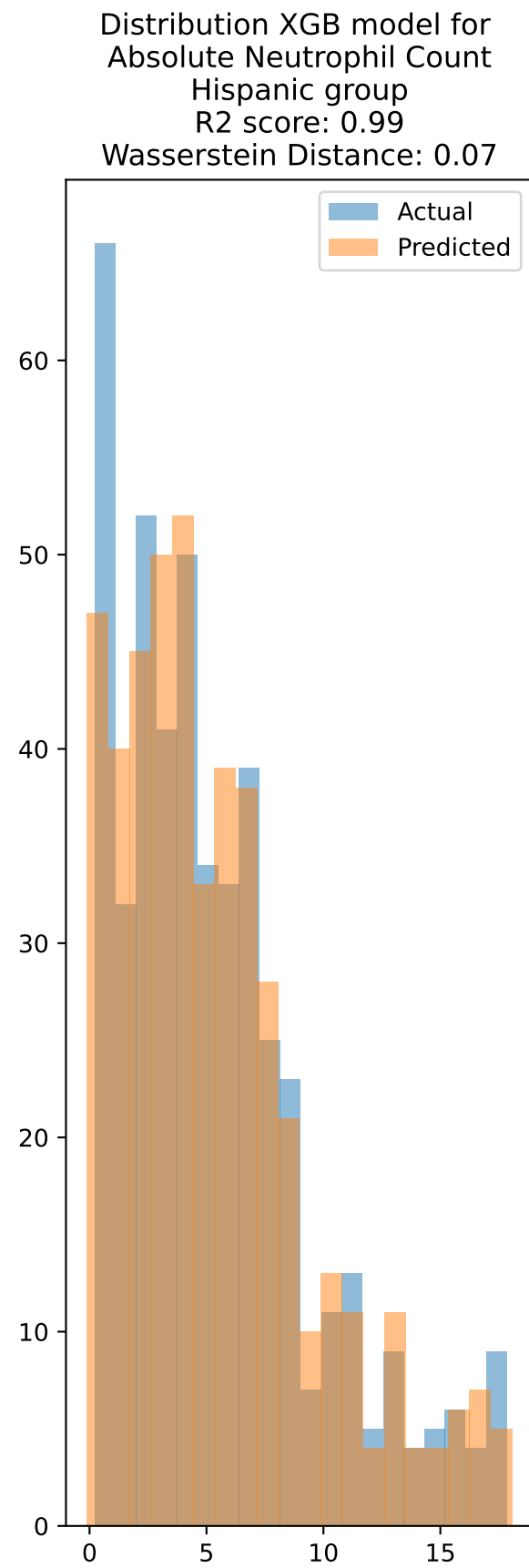
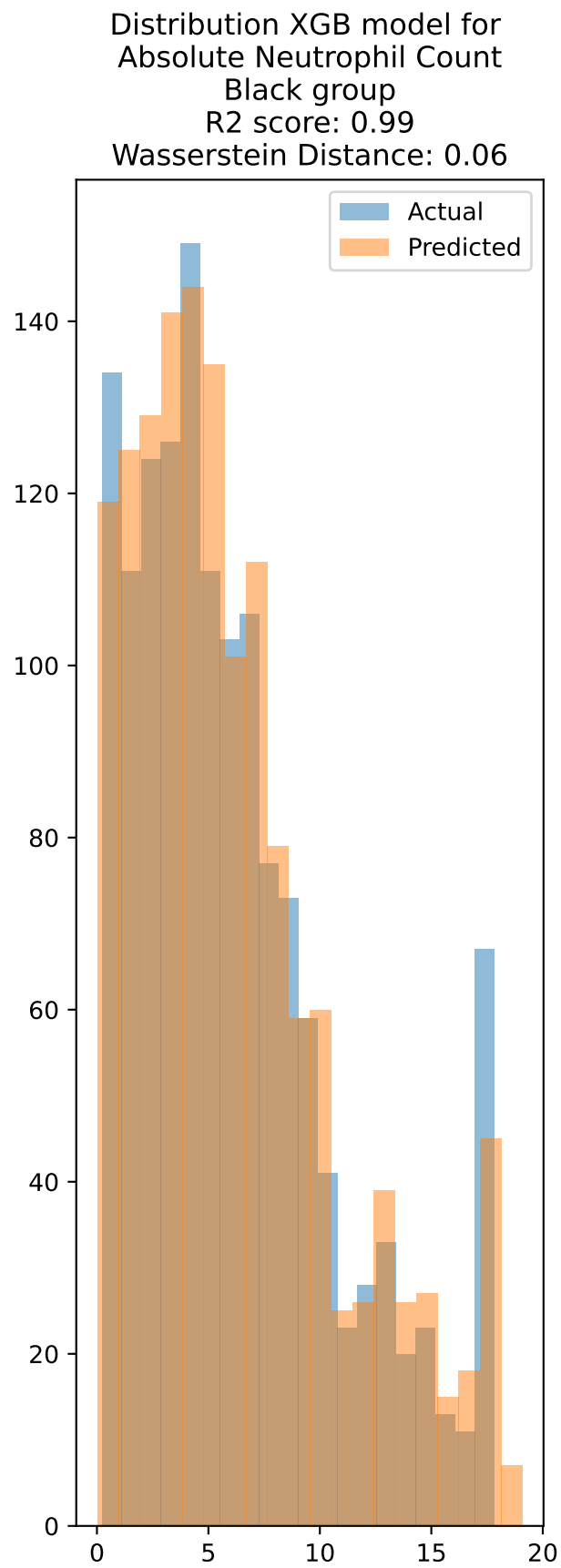
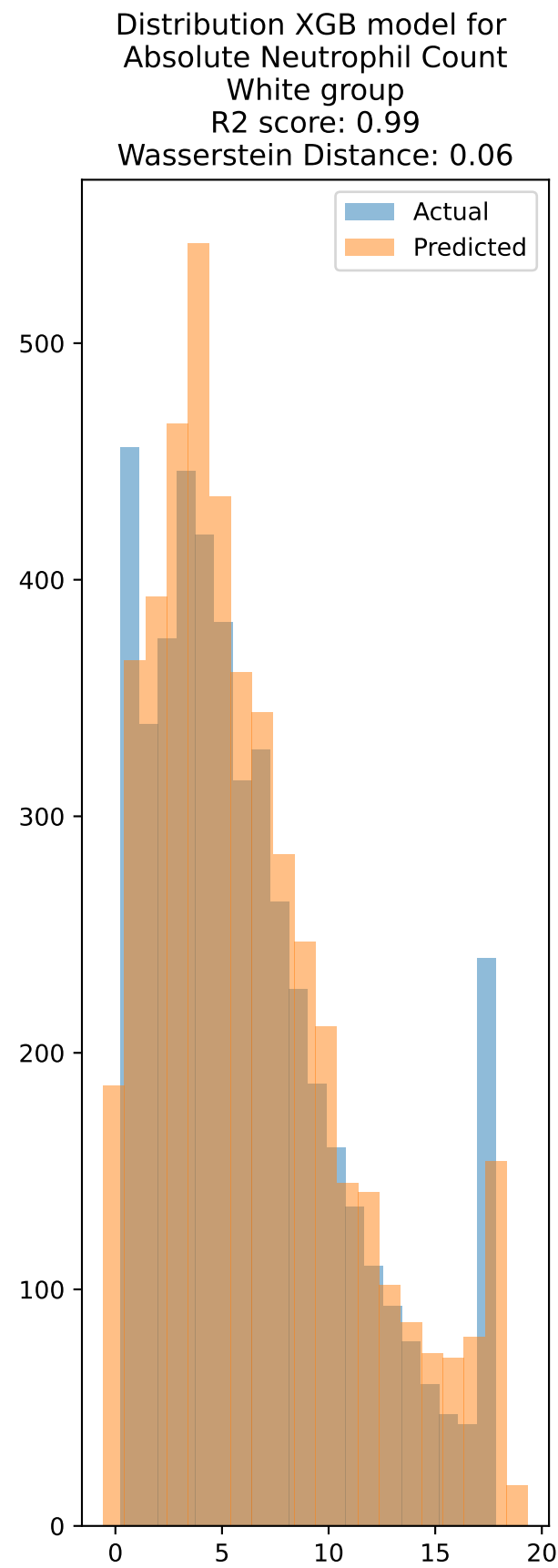


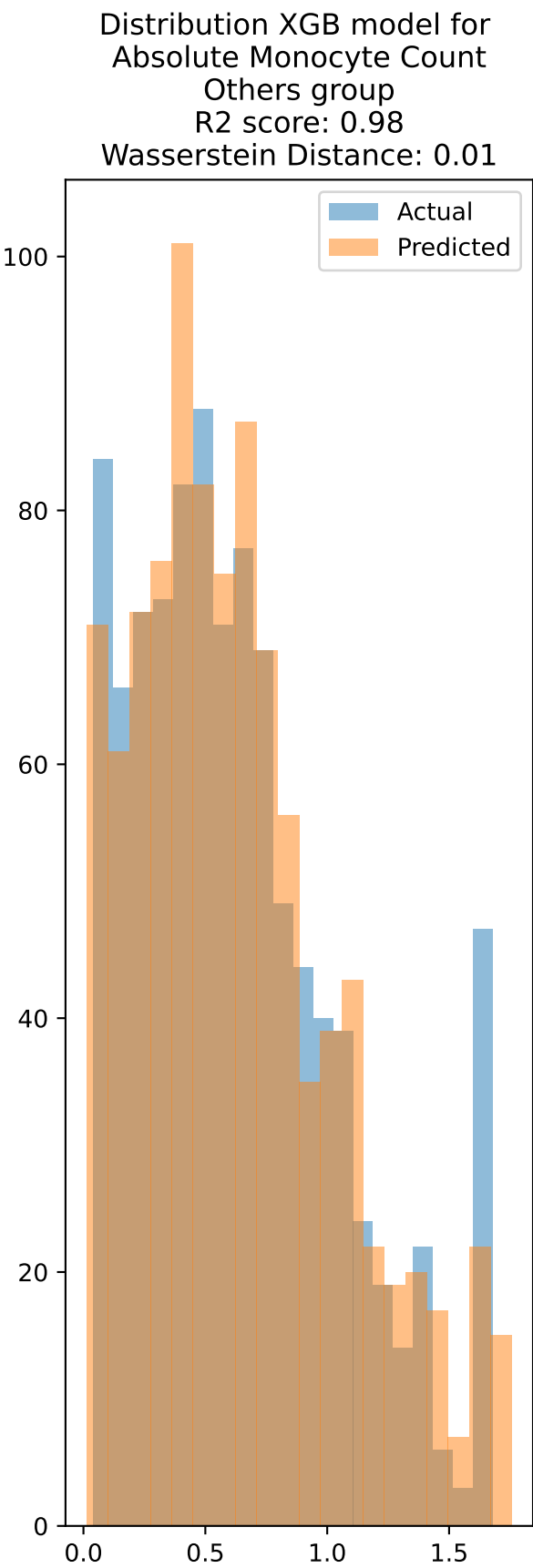
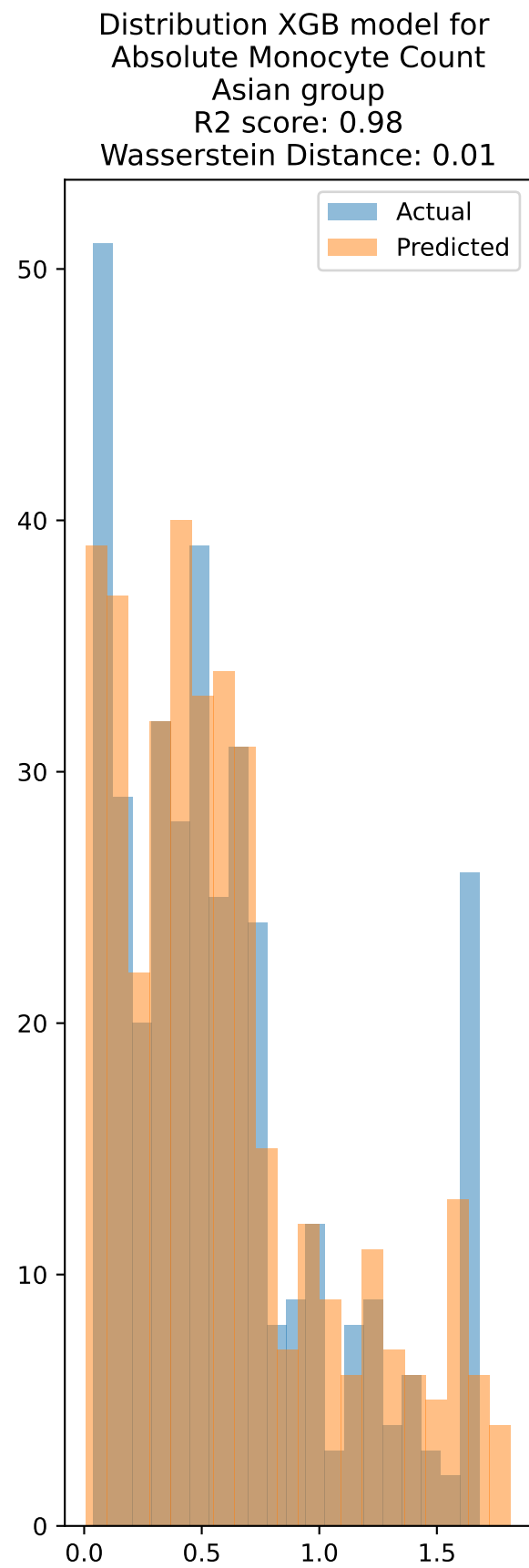
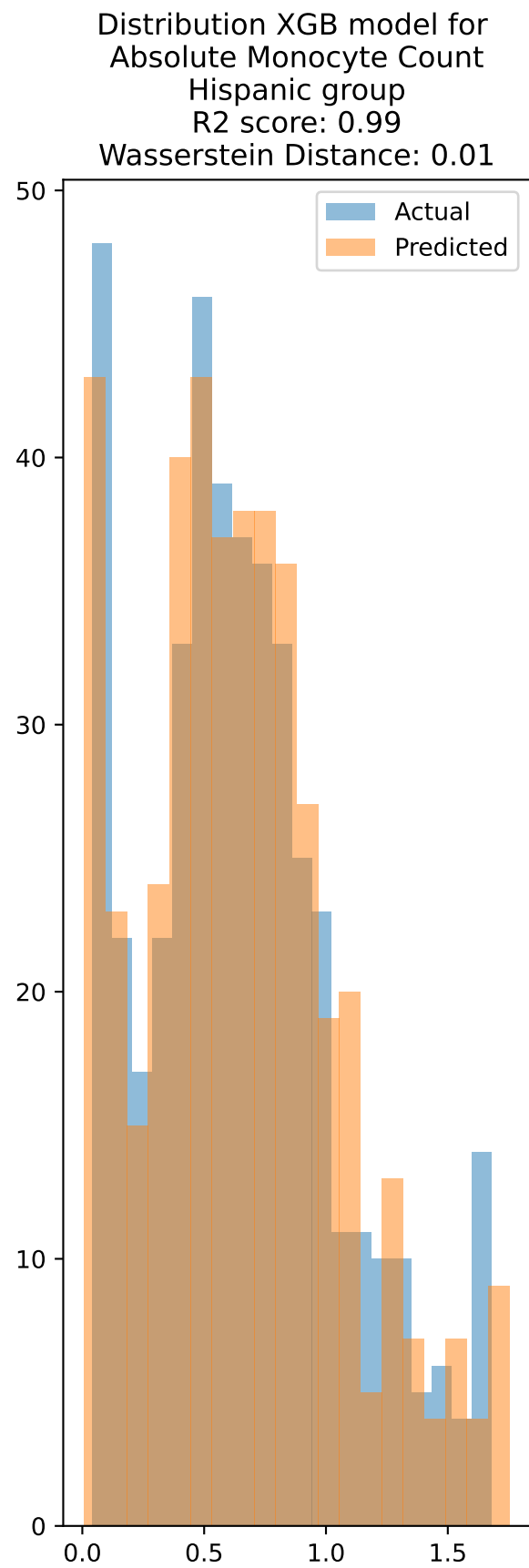
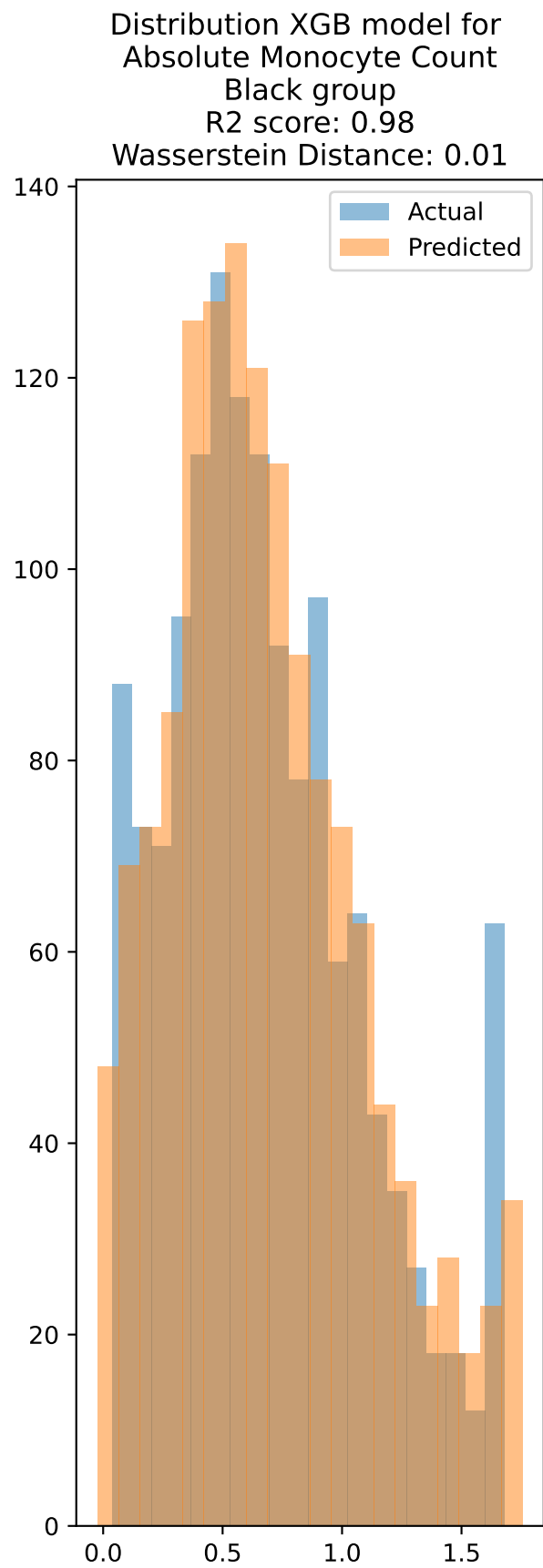
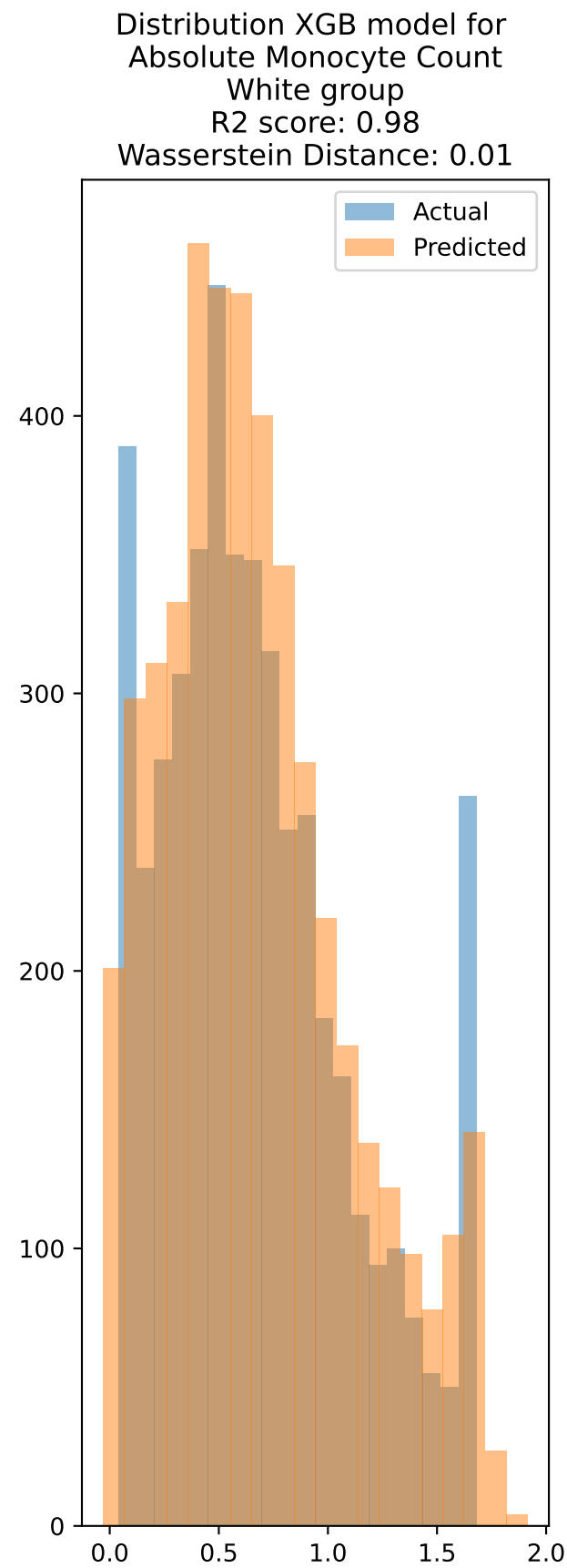
Distribution XGB model for  
Absolute Lymphocyte Count  
Asian group  
R2 score: 0.98  
Wasserstein Distance: 0.02



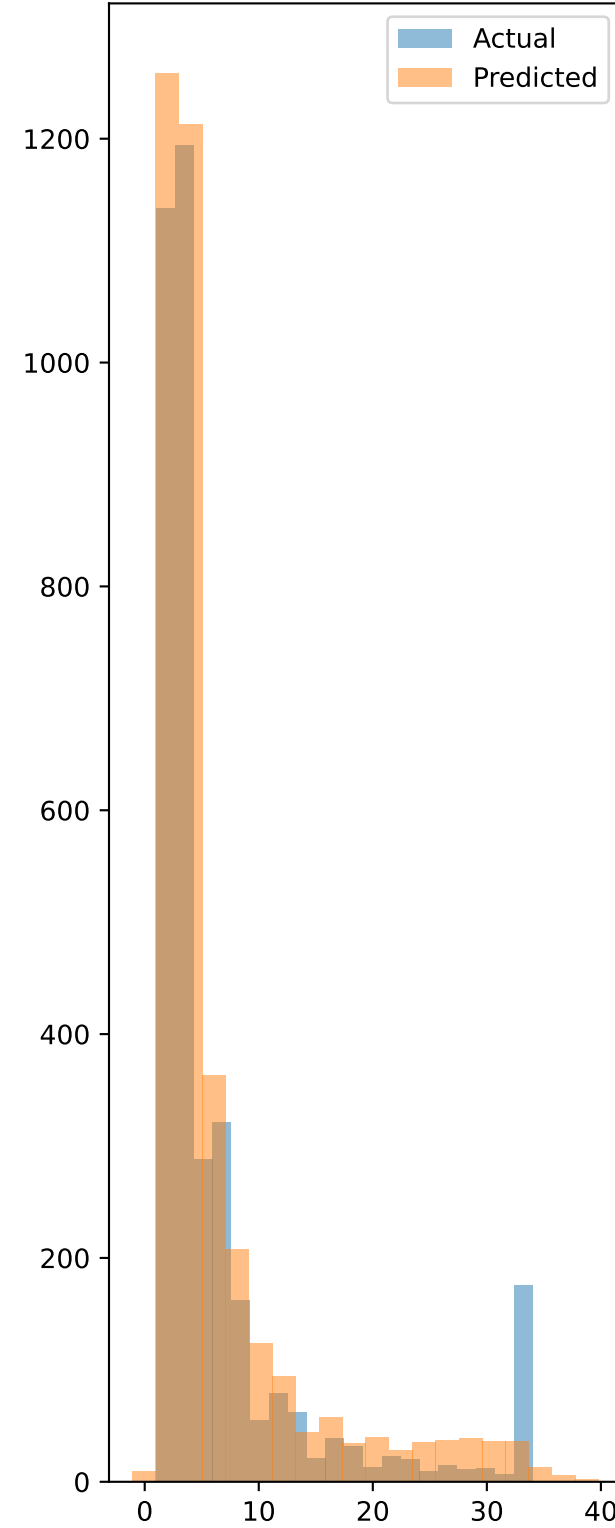
Distribution XGB model for  
Absolute Lymphocyte Count  
Others group  
R2 score: 0.98  
Wasserstein Distance: 0.02



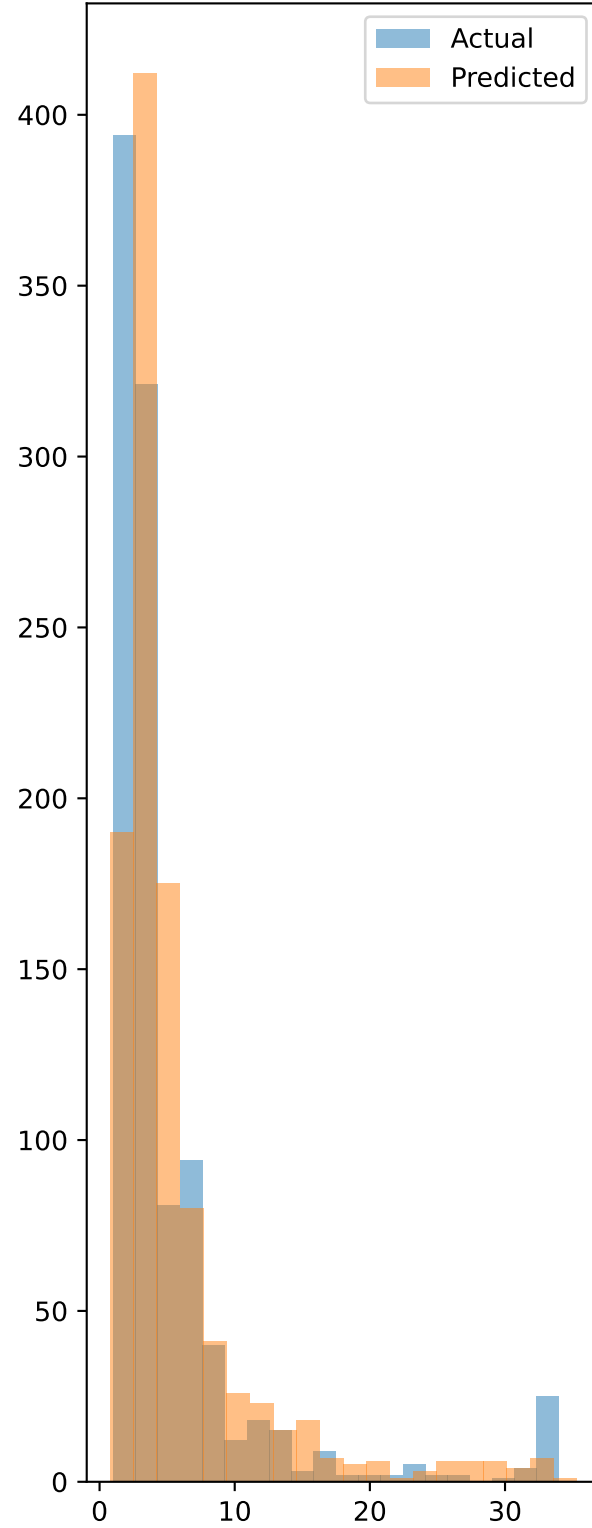




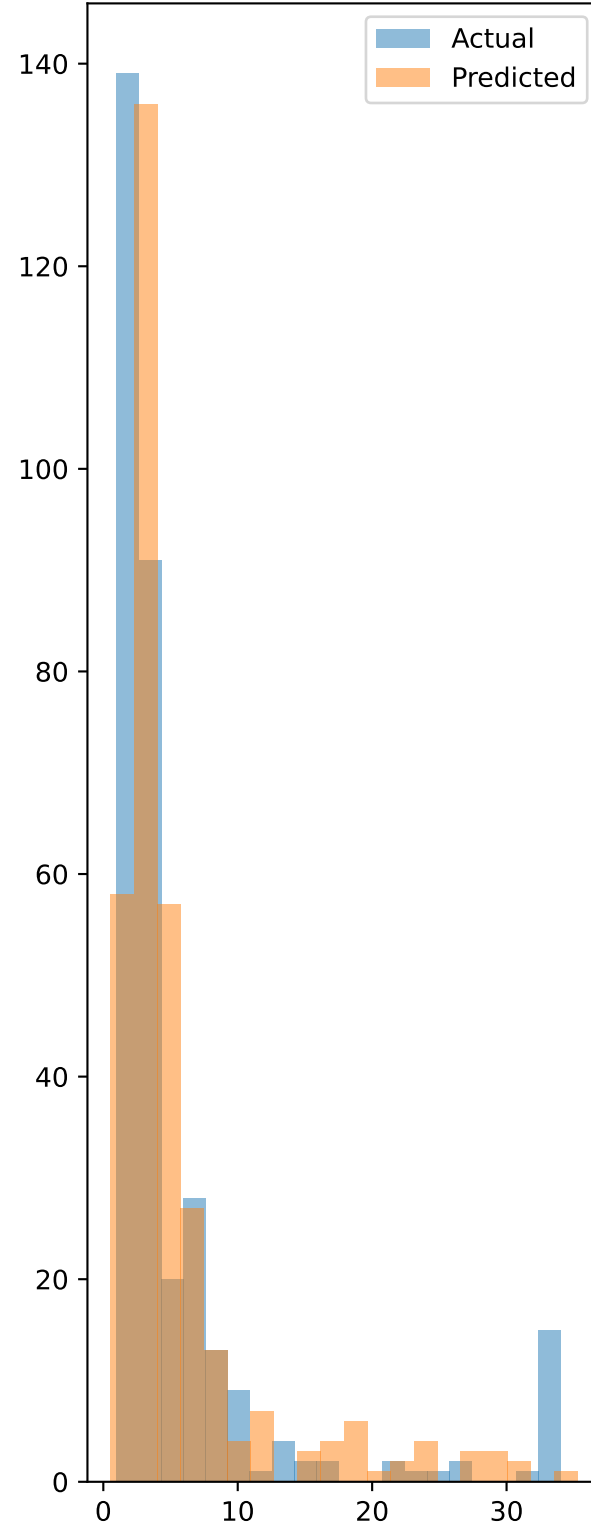
Distribution XGB model for  
Creatine Kinase, MB Isoenzyme  
White group  
R2 score: 0.76  
Wasserstein Distance: 0.63



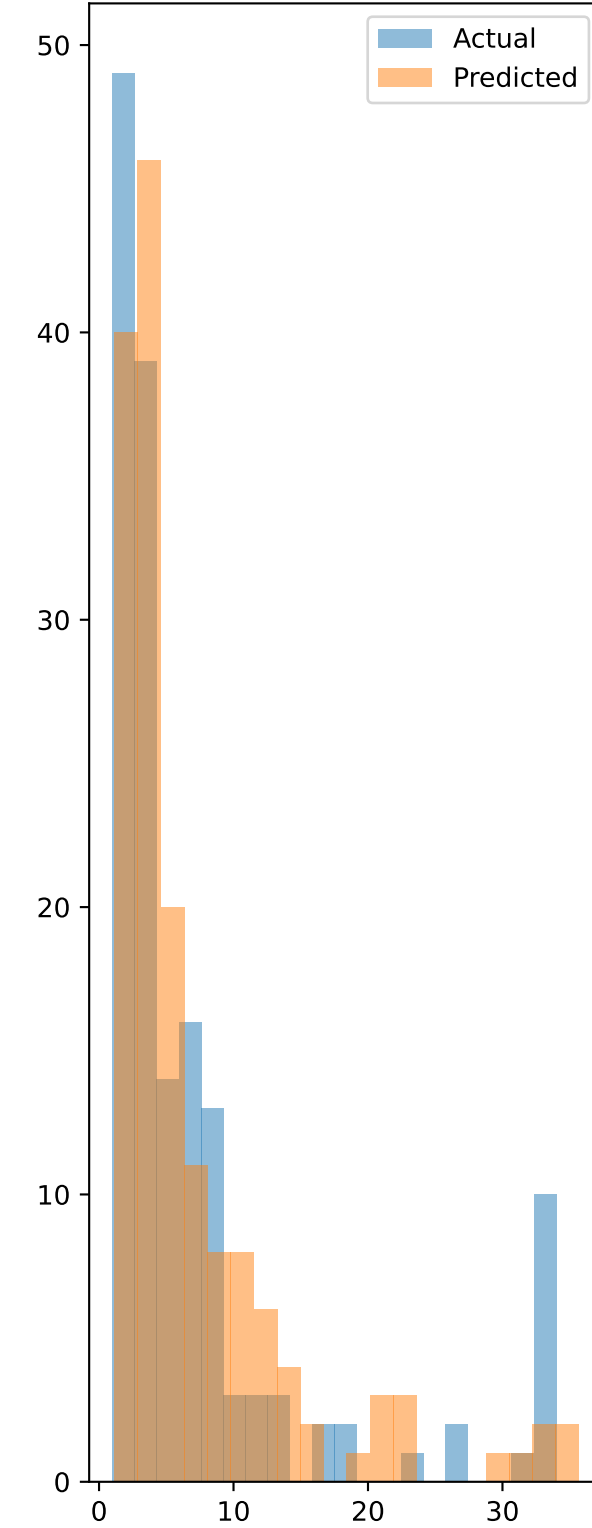
Distribution XGB model for  
Creatine Kinase, MB Isoenzyme  
Black group  
R2 score: 0.68  
Wasserstein Distance: 0.90



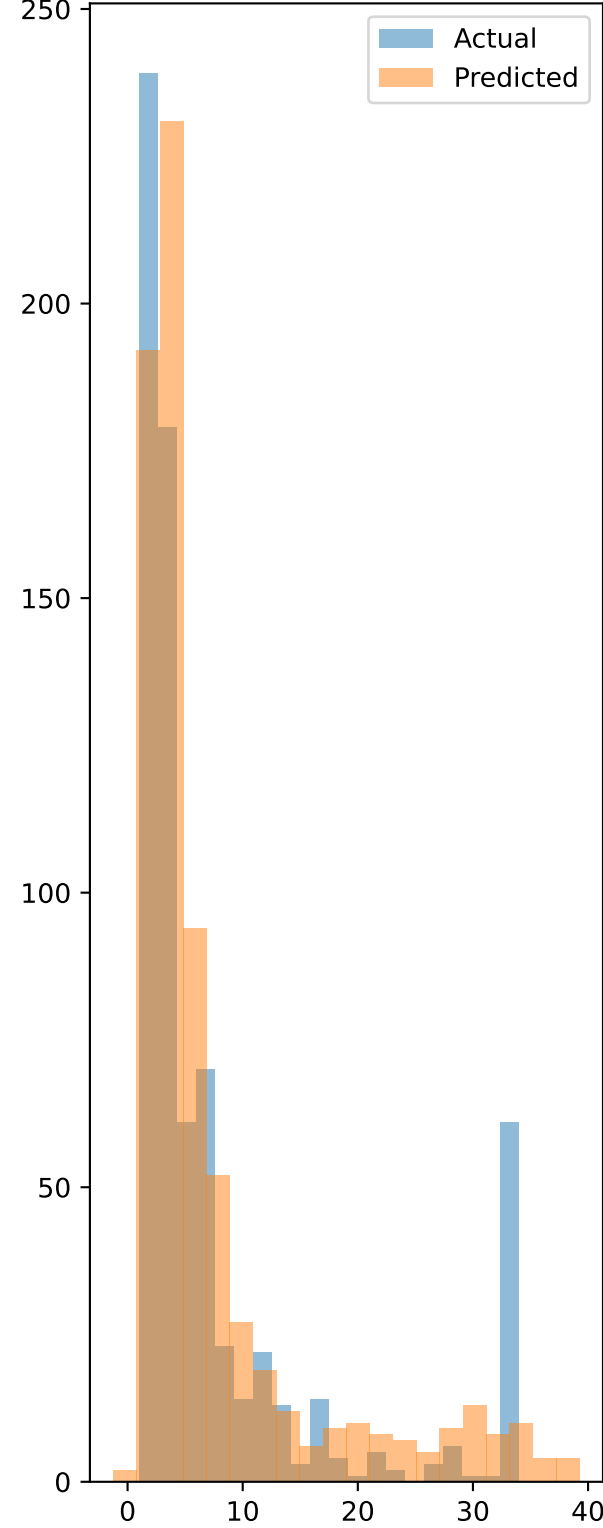
Distribution XGB model for  
Creatine Kinase, MB Isoenzyme  
Hispanic group  
R2 score: 0.77  
Wasserstein Distance: 1.01



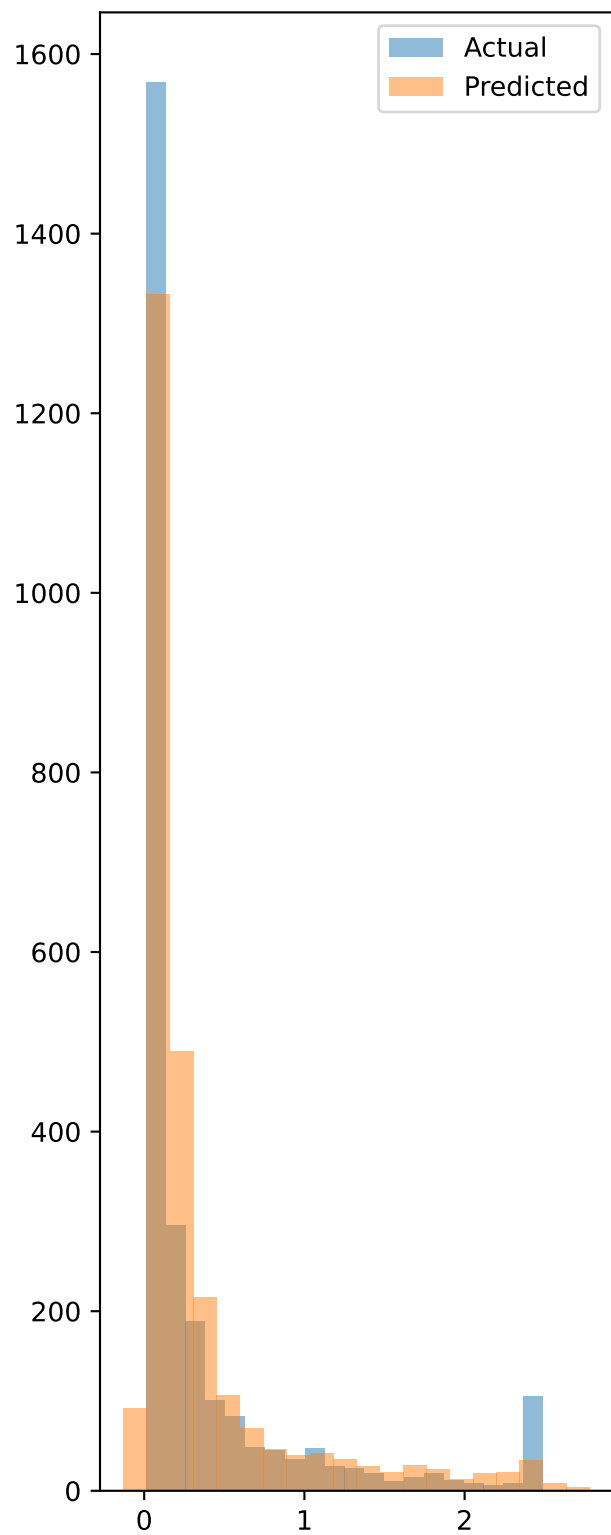
Distribution XGB model for  
Creatine Kinase, MB Isoenzyme  
Asian group  
R2 score: 0.81  
Wasserstein Distance: 1.23



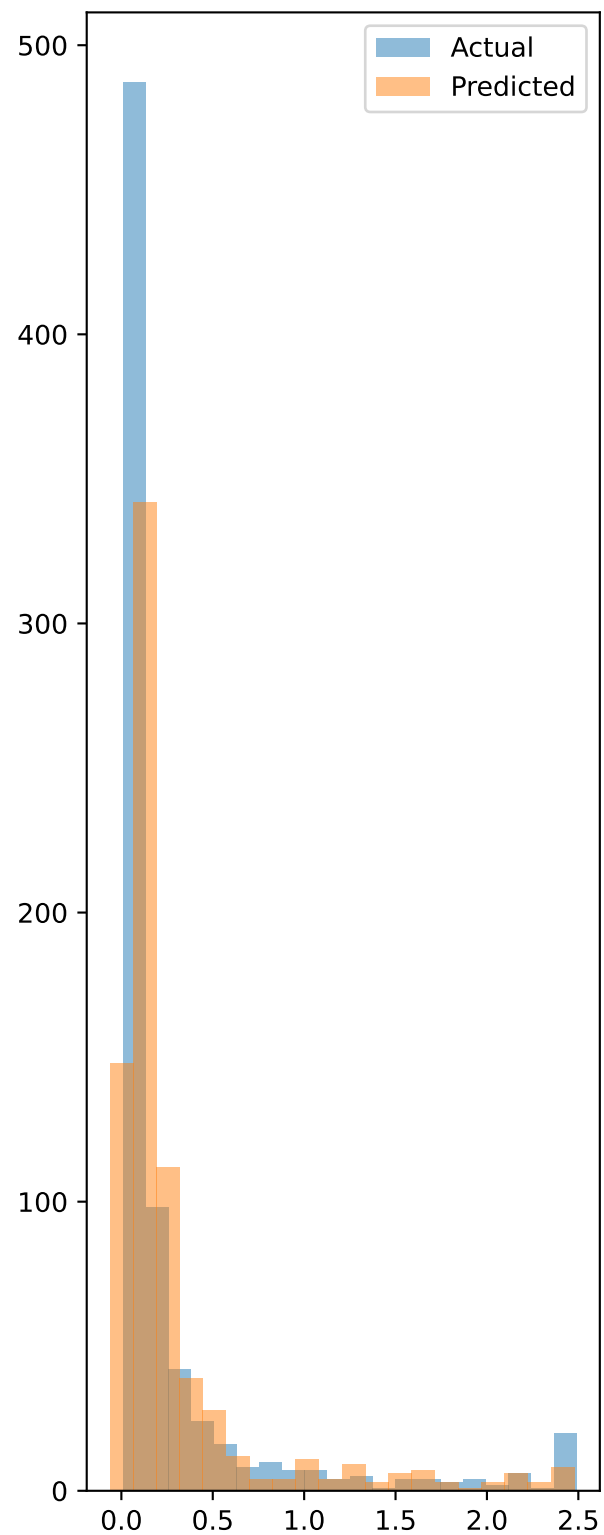
Distribution XGB model for  
Creatine Kinase, MB Isoenzyme  
Others group  
R2 score: 0.82  
Wasserstein Distance: 0.94



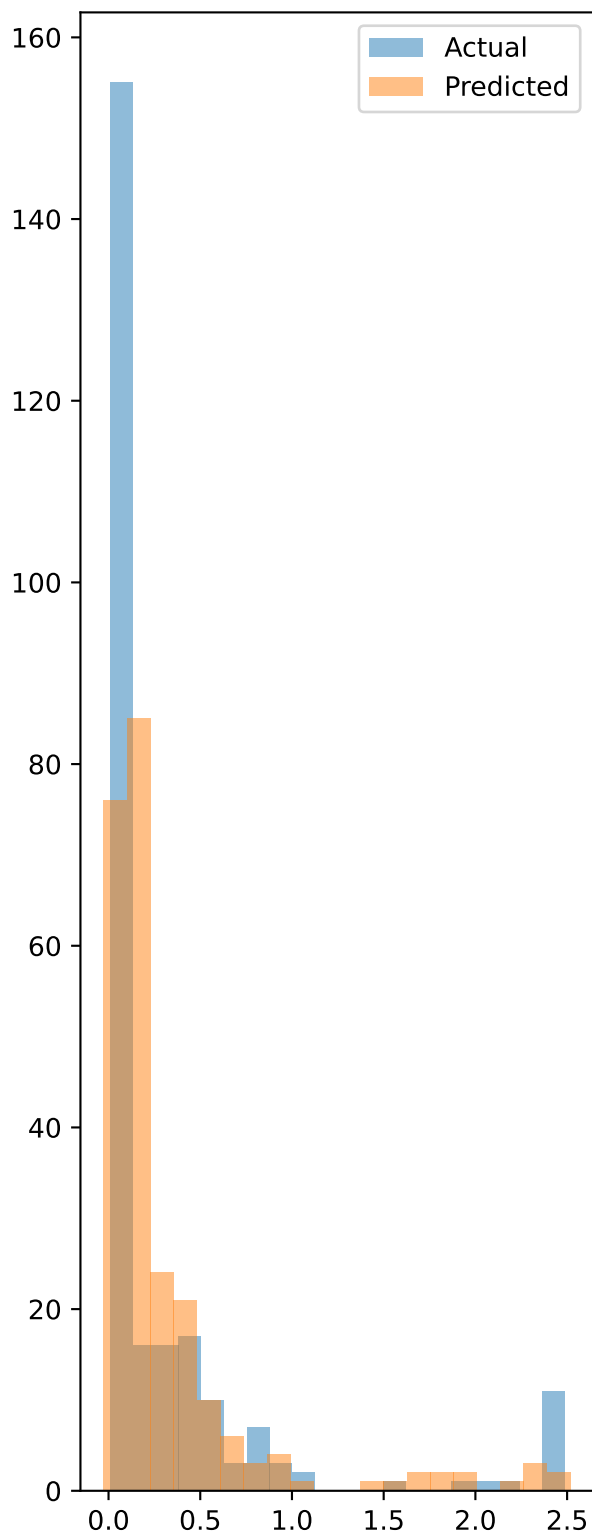
Distribution XGB model for  
Troponin T  
White group  
R2 score: 0.75  
Wasserstein Distance: 0.05



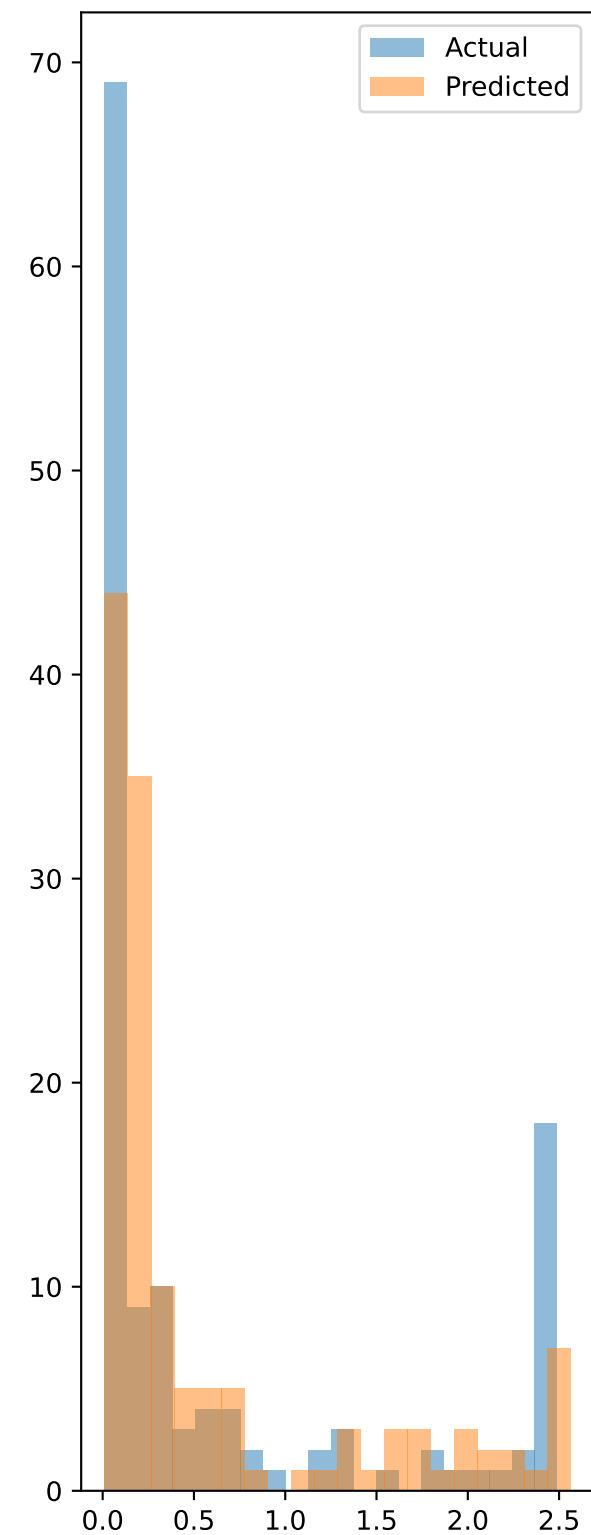
Distribution XGB model for  
Troponin T  
Black group  
R2 score: 0.78  
Wasserstein Distance: 0.06



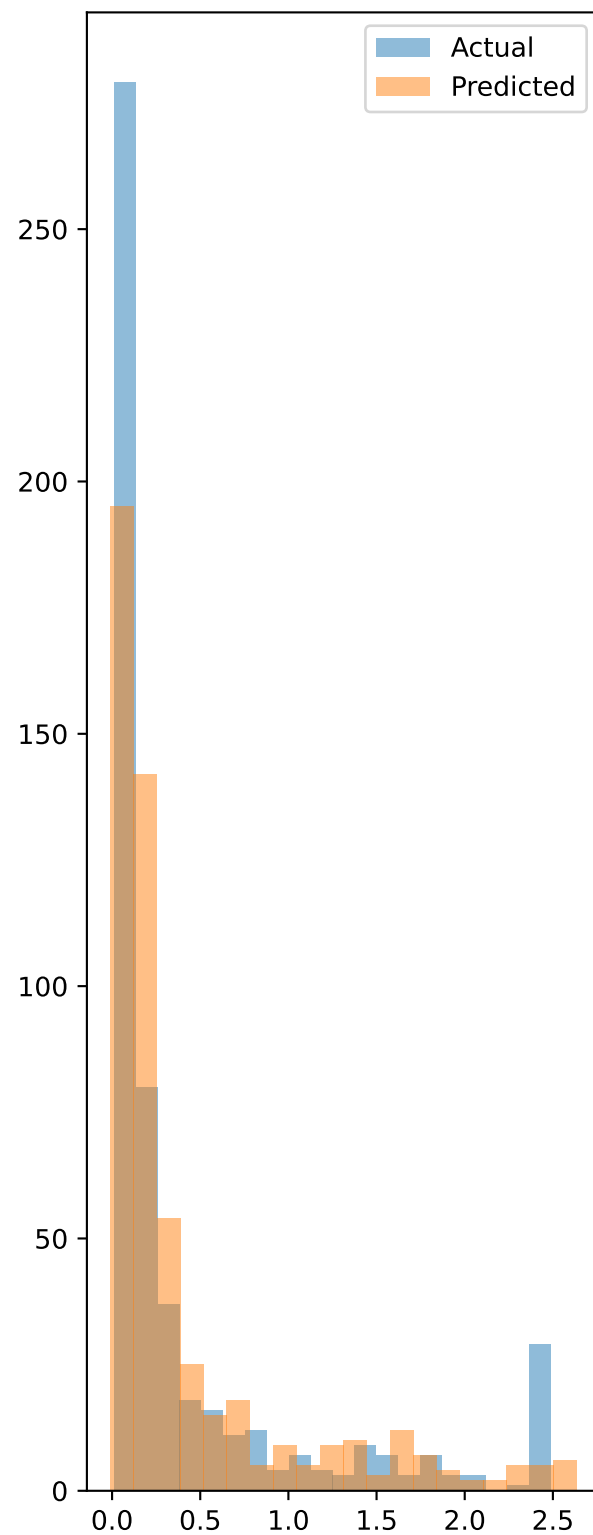
Distribution XGB model for  
Troponin T  
Hispanic group  
R2 score: 0.62  
Wasserstein Distance: 0.07



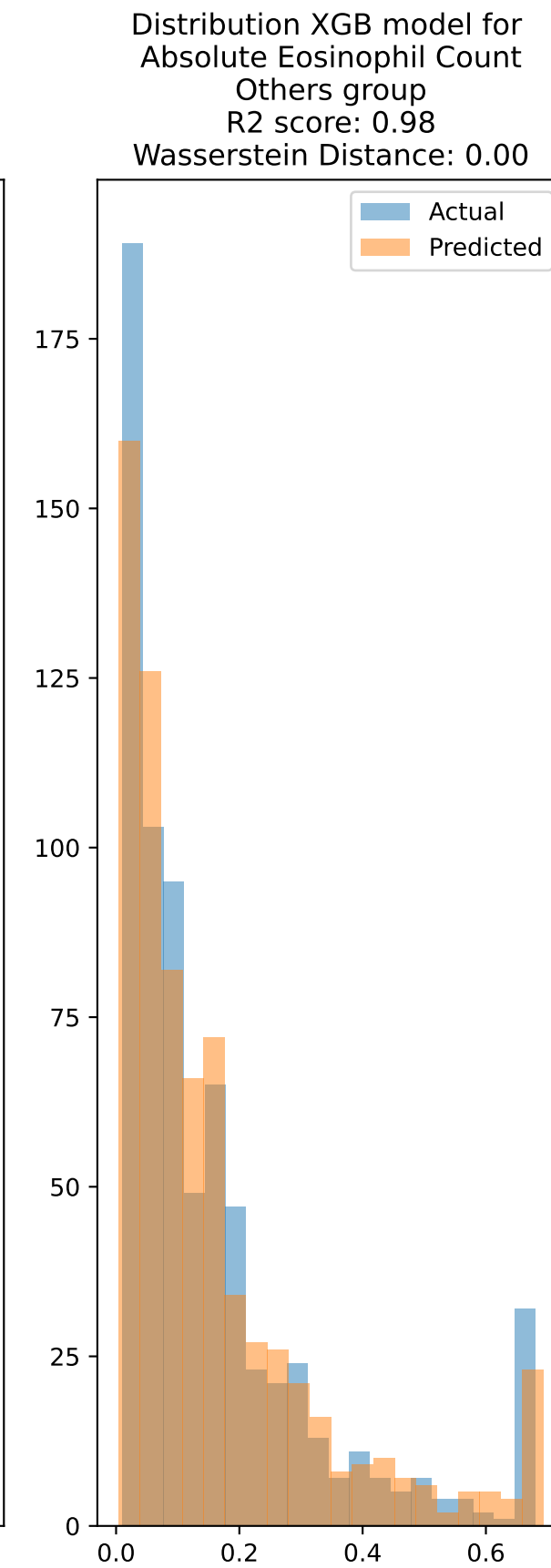
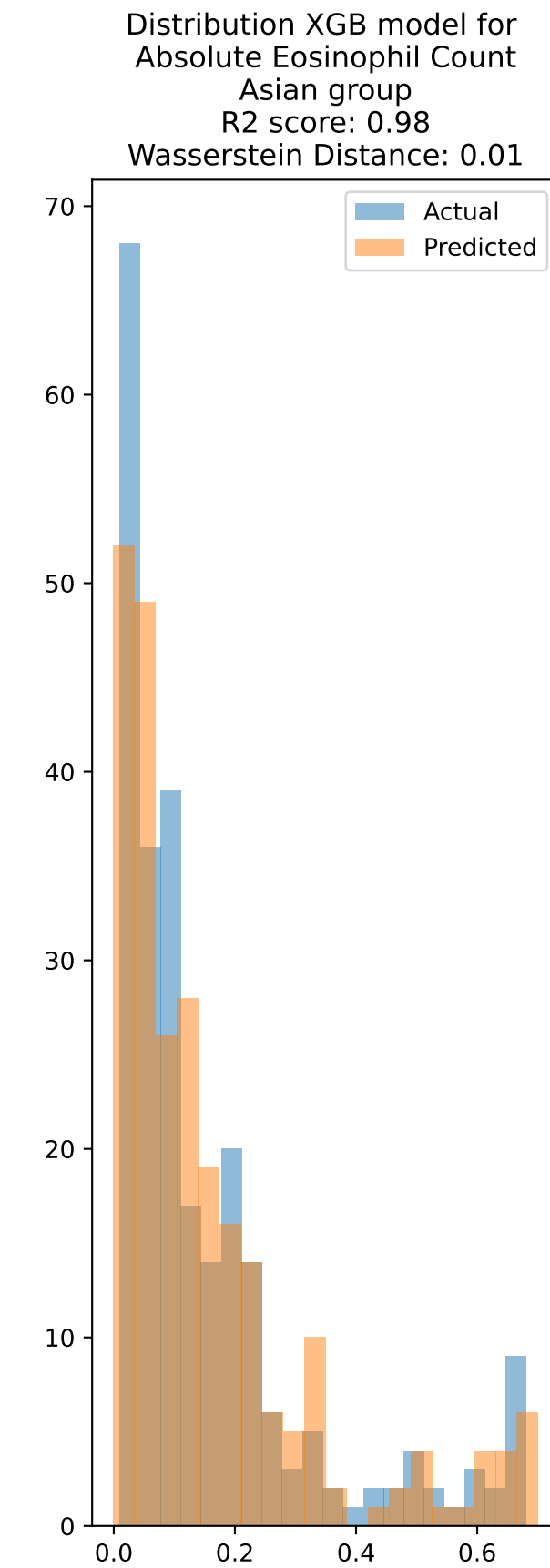
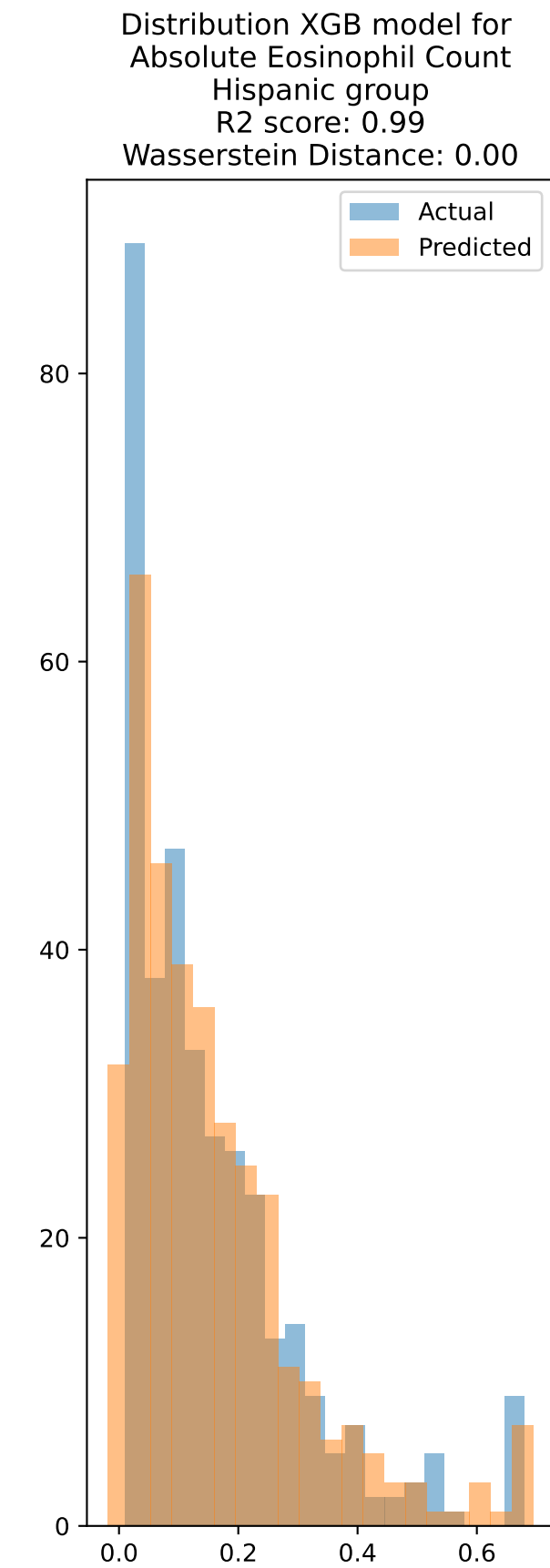
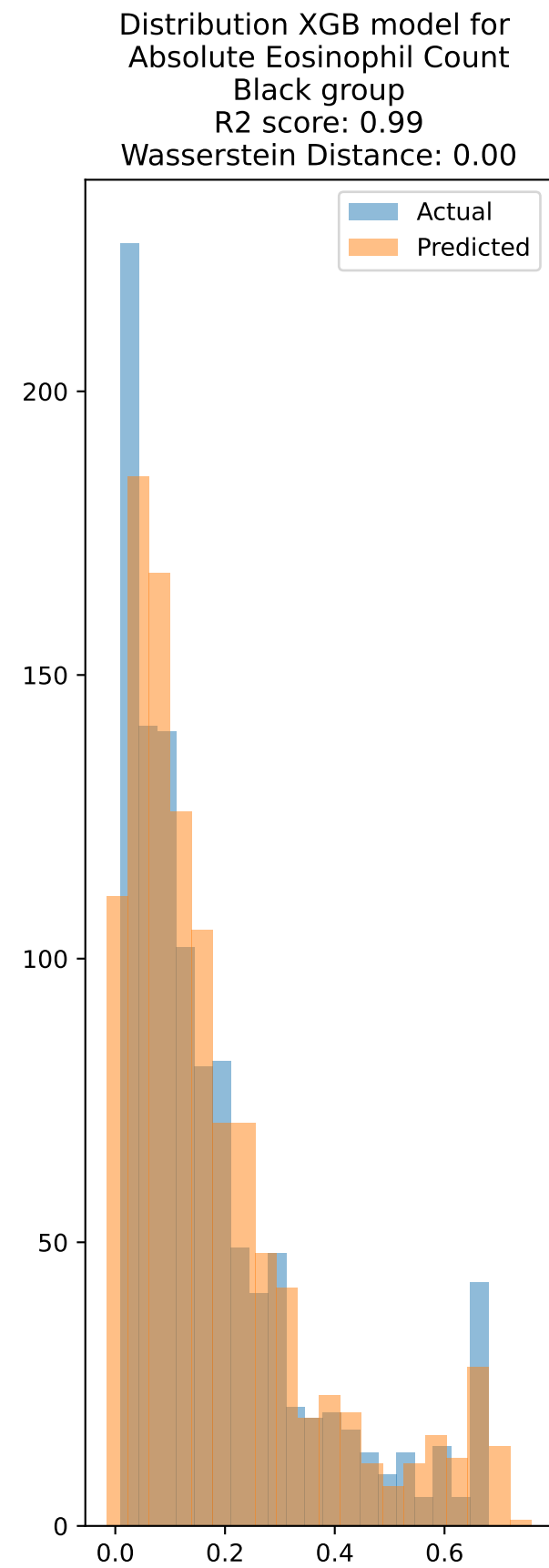
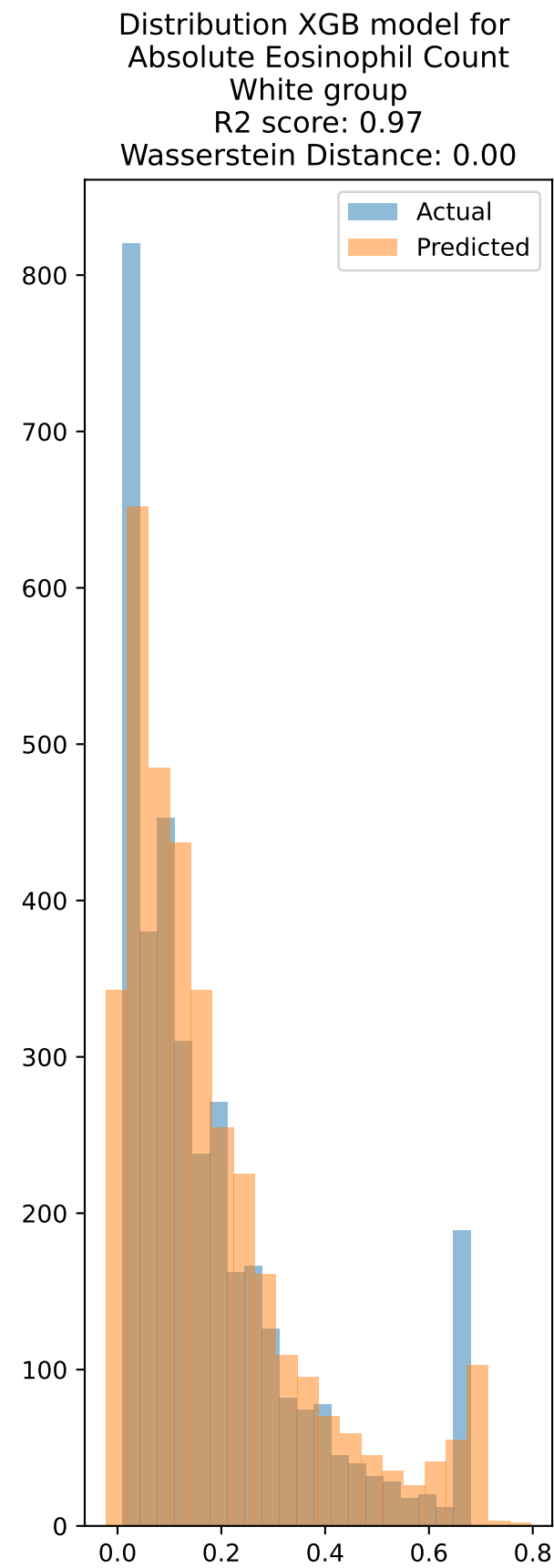
Distribution XGB model for  
Troponin T  
Asian group  
R2 score: 0.83  
Wasserstein Distance: 0.12



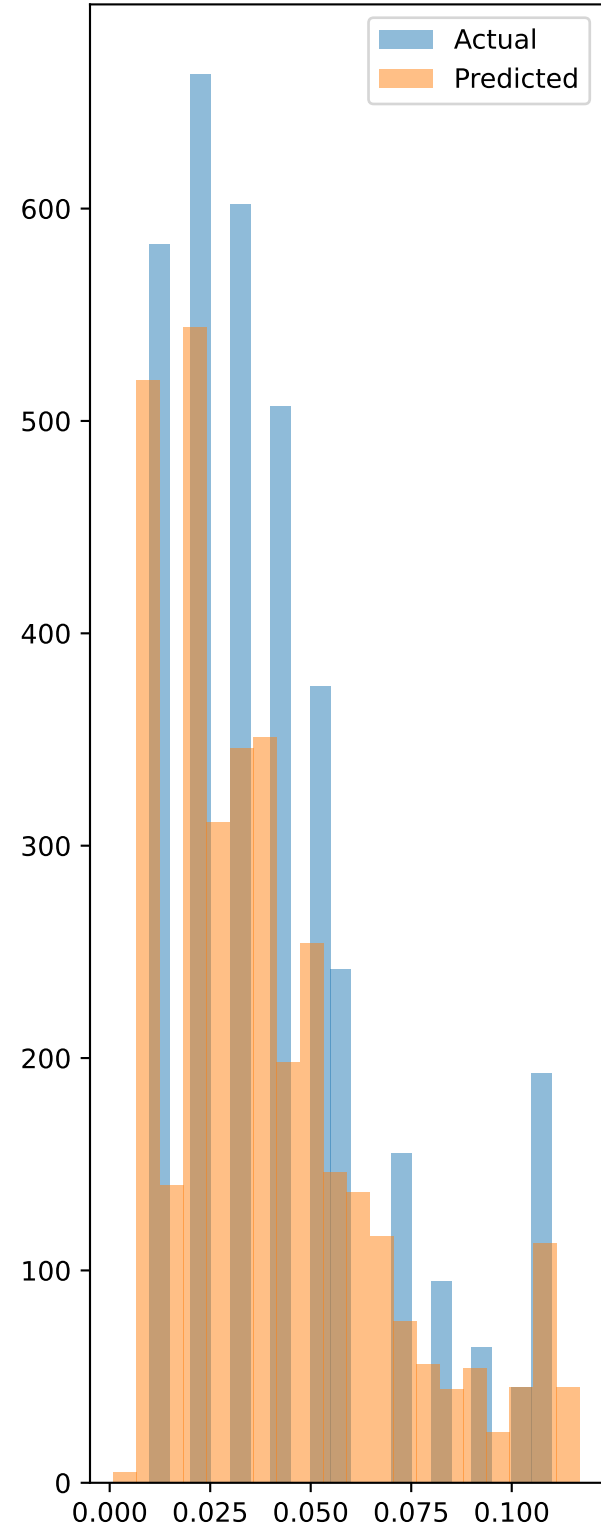
Distribution XGB model for  
Troponin T  
Others group  
R2 score: 0.77  
Wasserstein Distance: 0.06



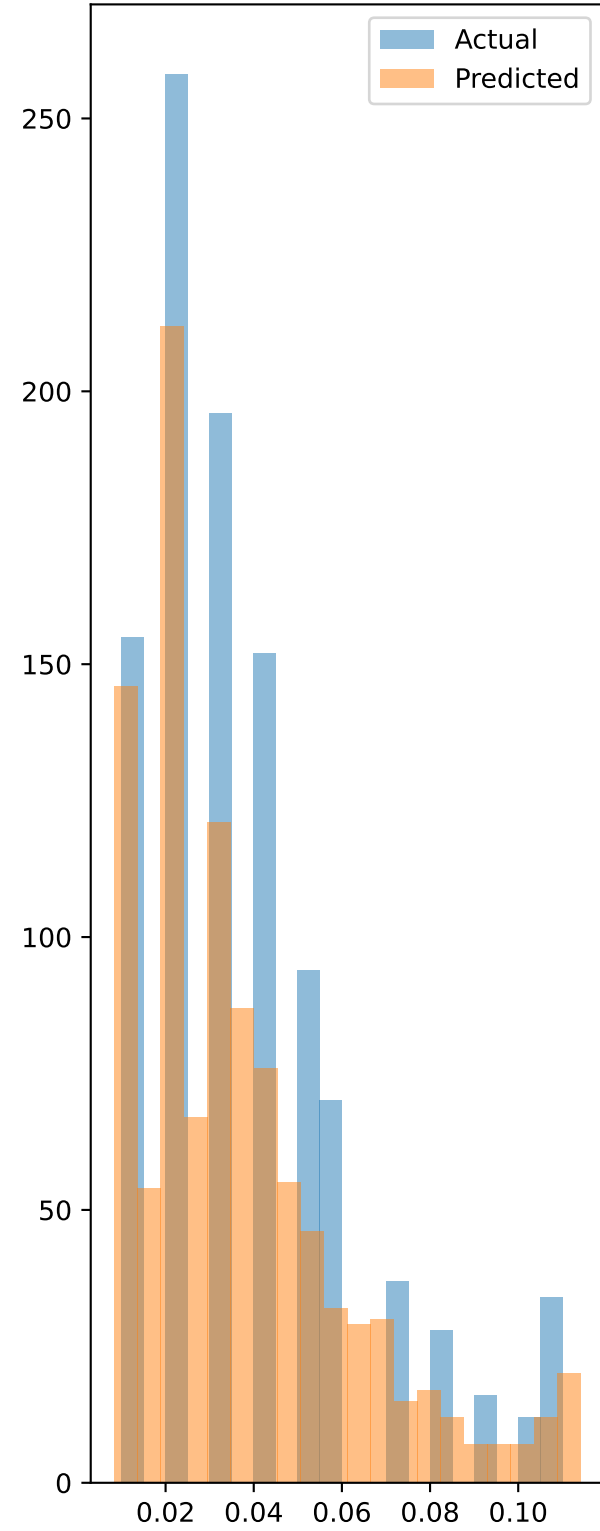




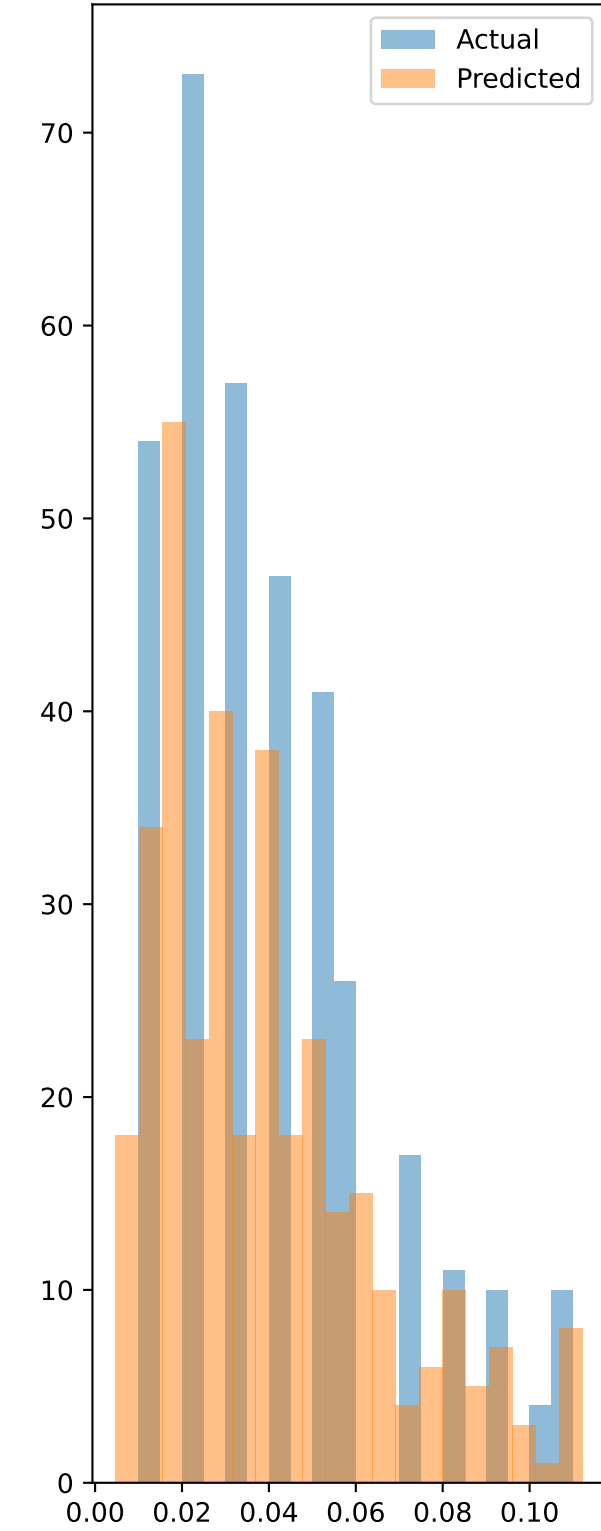
Distribution XGB model for  
Absolute Basophil Count  
White group  
R2 score: 0.98  
Wasserstein Distance: 0.00



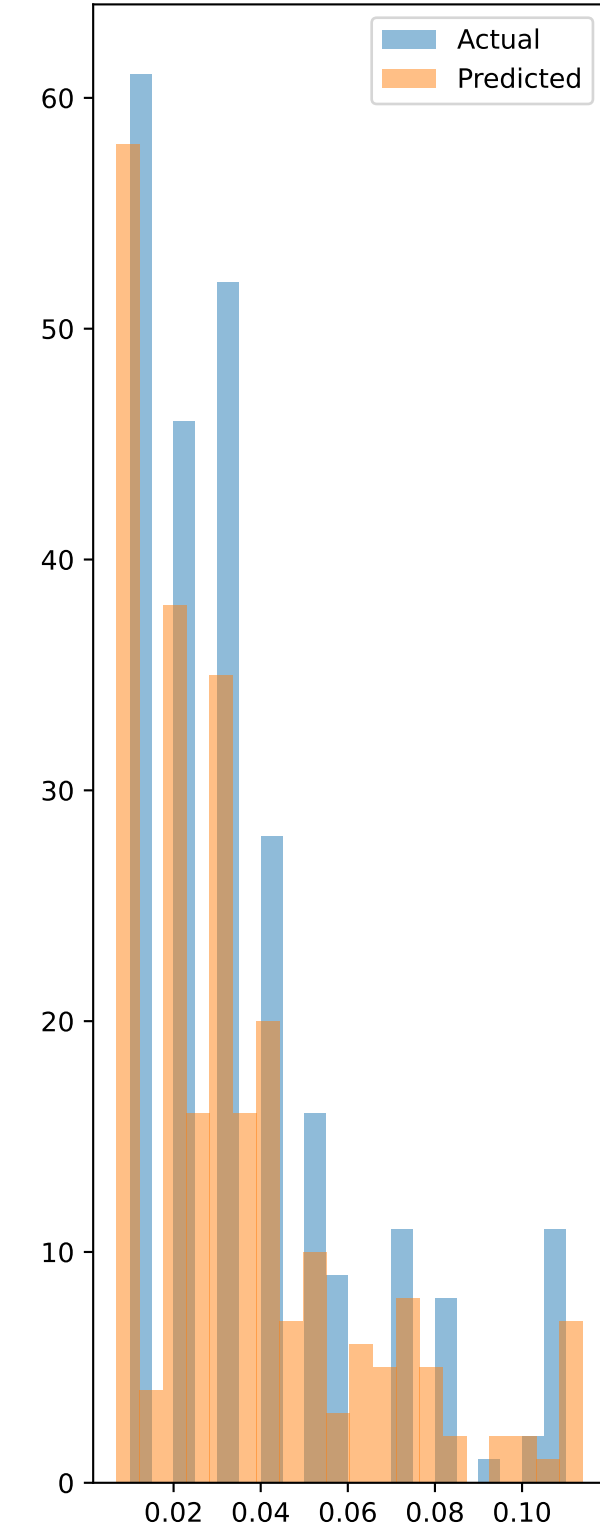
Distribution XGB model for  
Absolute Basophil Count  
Black group  
R2 score: 0.97  
Wasserstein Distance: 0.00



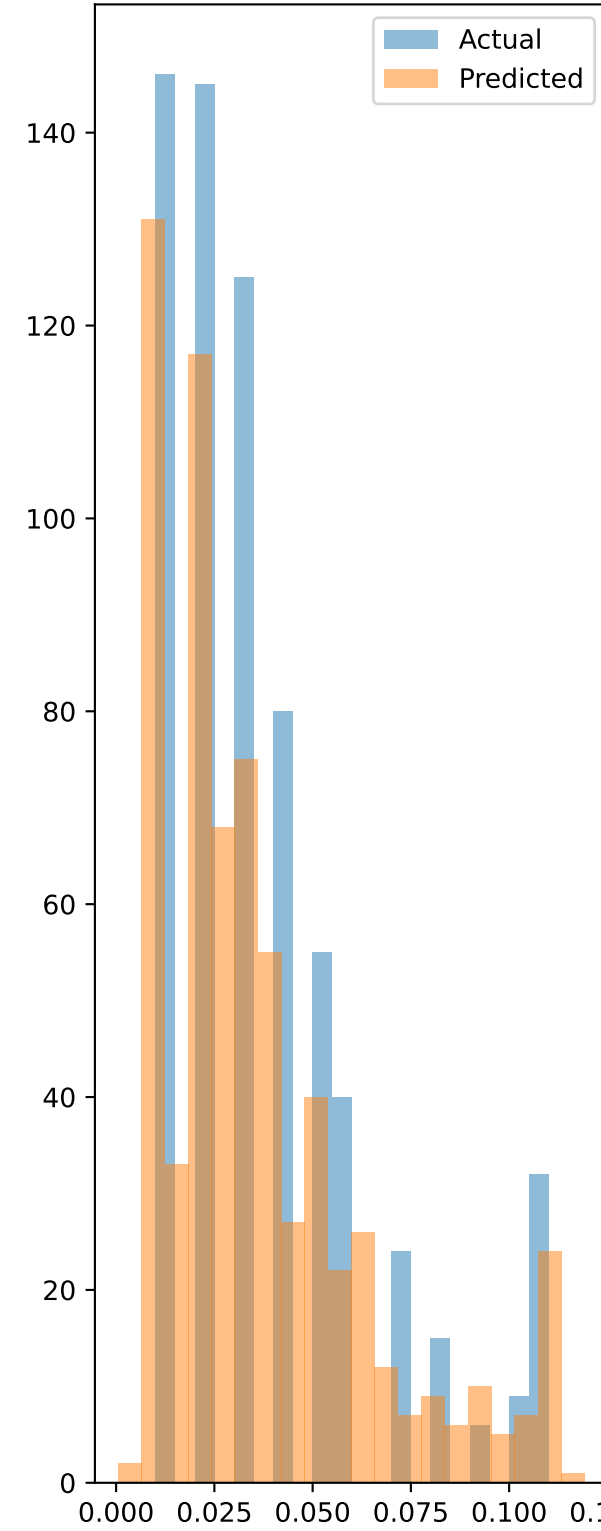
Distribution XGB model for  
Absolute Basophil Count  
Hispanic group  
R2 score: 0.96  
Wasserstein Distance: 0.00



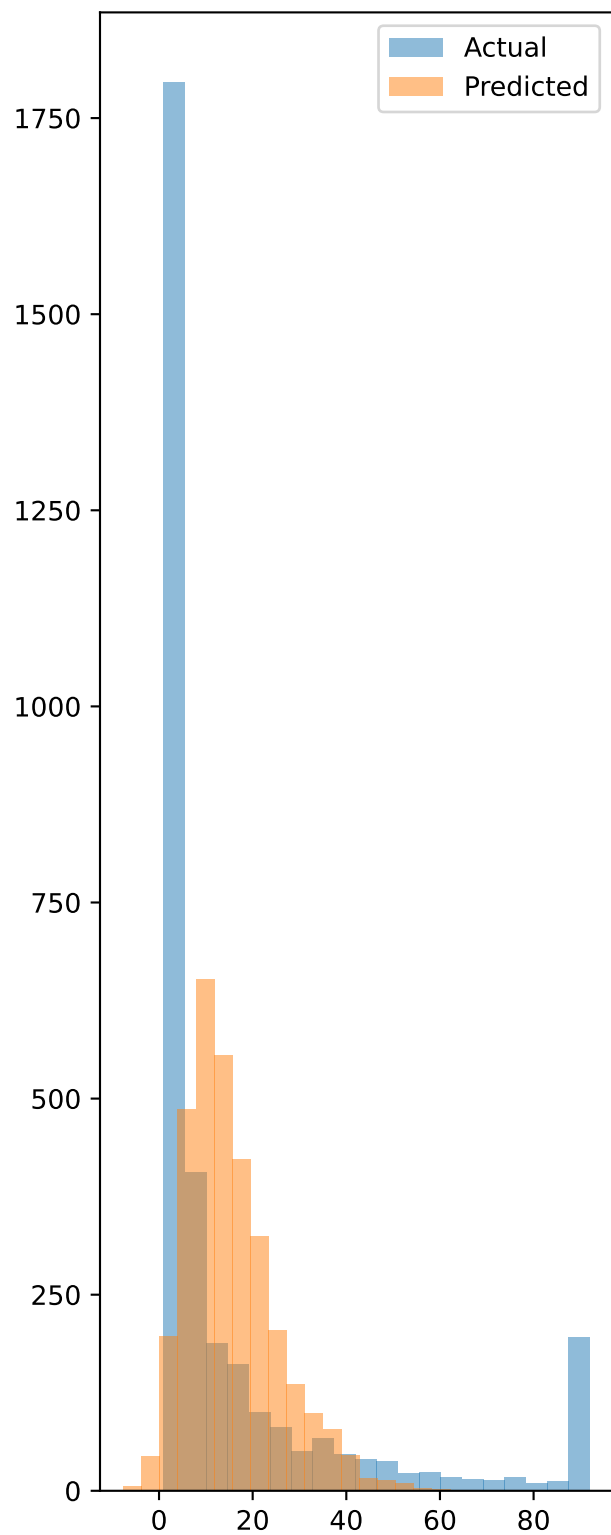
Distribution XGB model for  
Absolute Basophil Count  
Asian group  
R2 score: 0.95  
Wasserstein Distance: 0.00



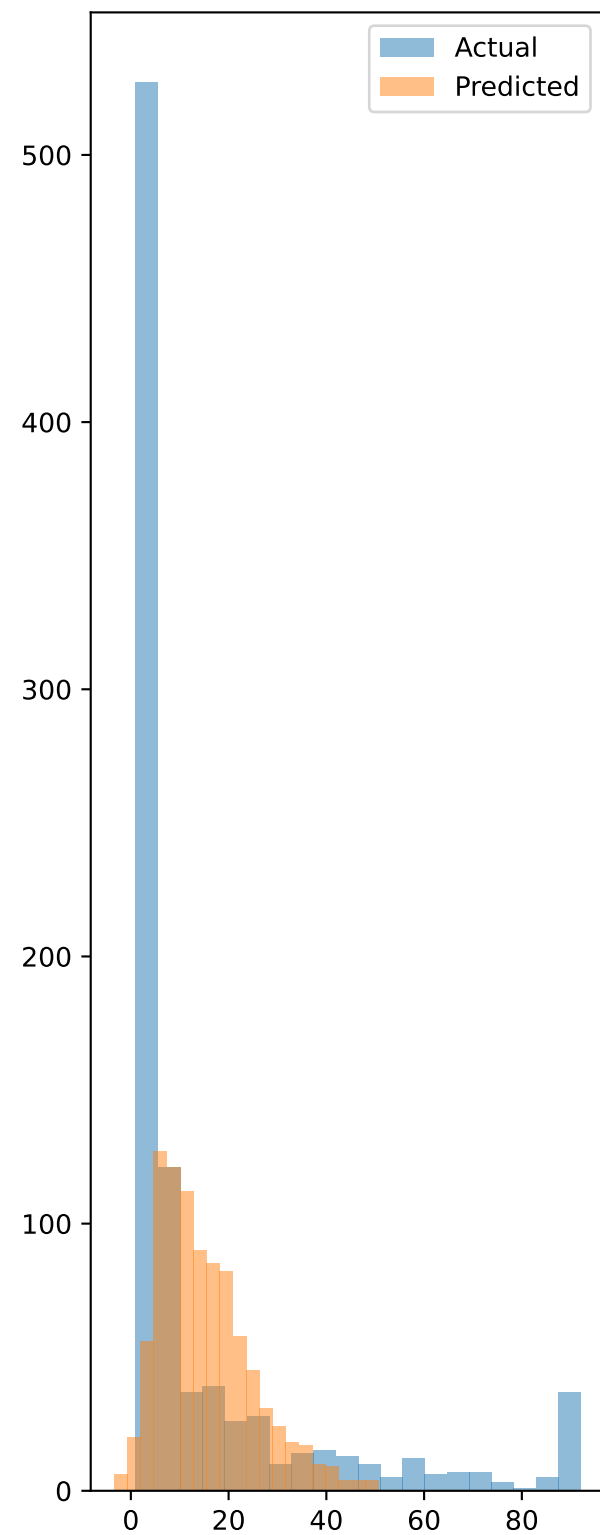
Distribution XGB model for  
Absolute Basophil Count  
Others group  
R2 score: 0.98  
Wasserstein Distance: 0.00



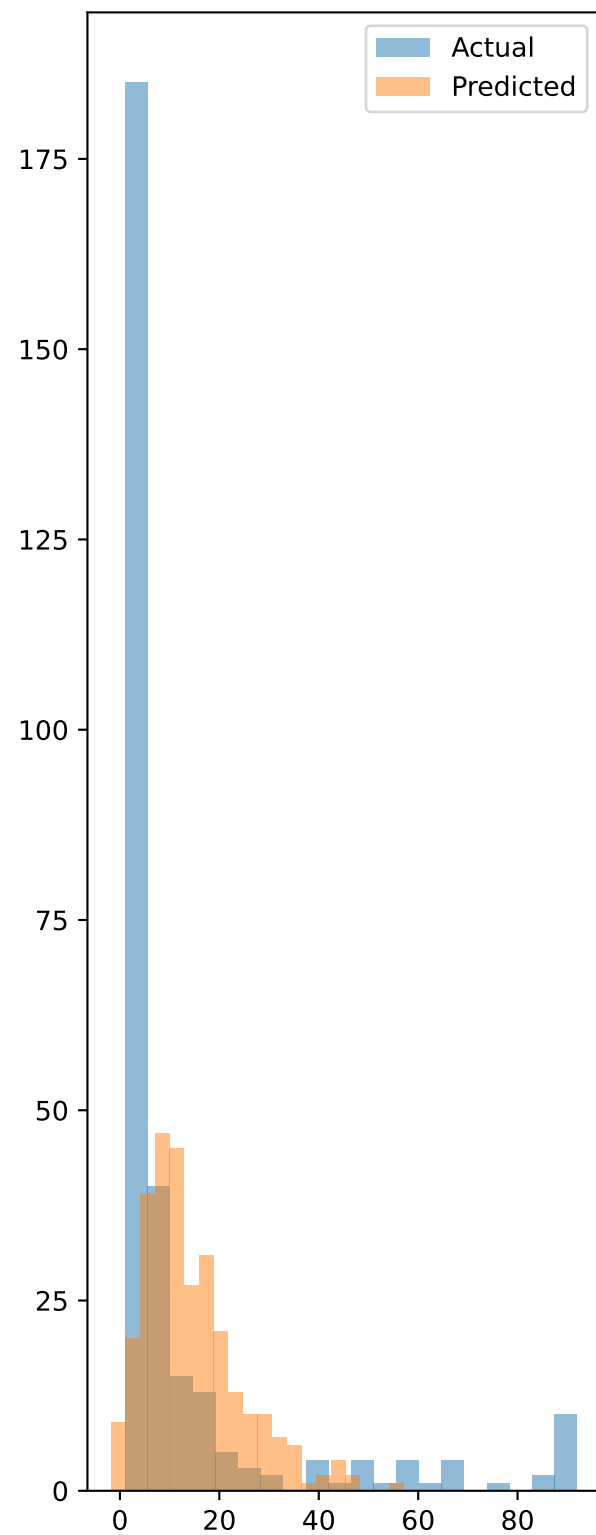
Distribution XGB model for  
WBC  
White group  
R2 score: 0.19  
Wasserstein Distance: 10.47



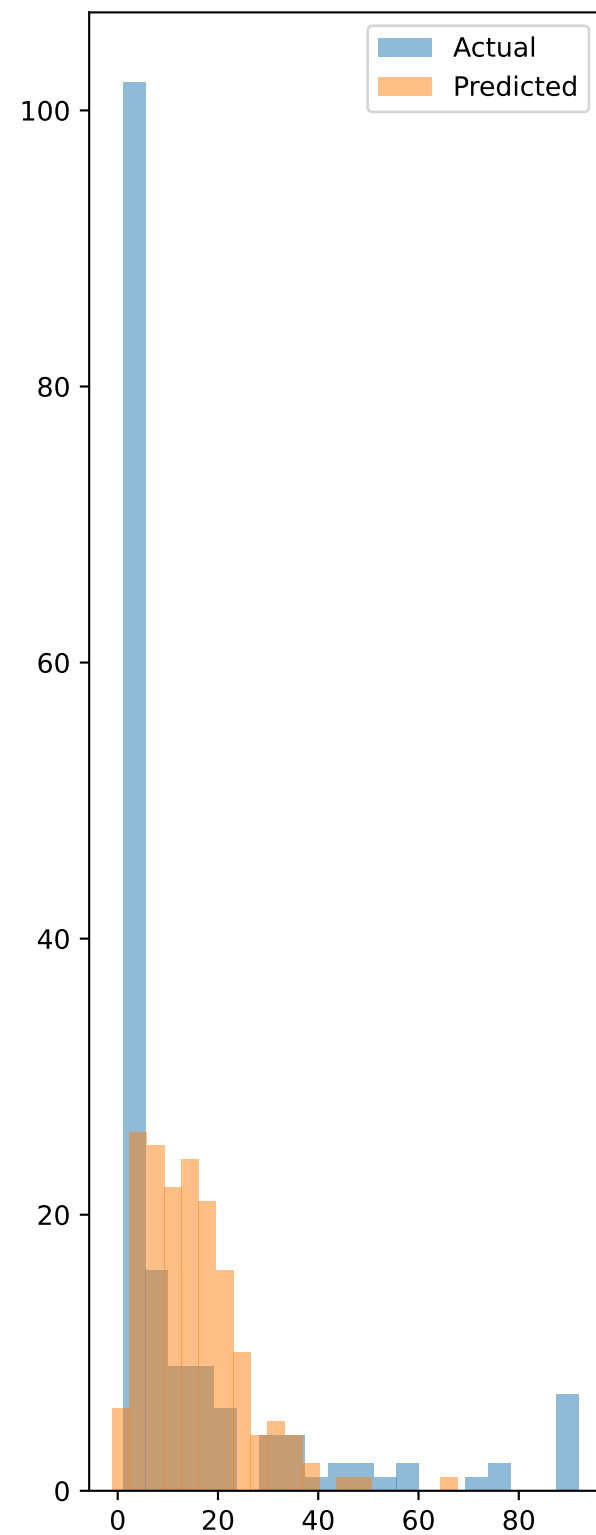
Distribution XGB model for  
WBC  
Black group  
R2 score: 0.15  
Wasserstein Distance: 10.05



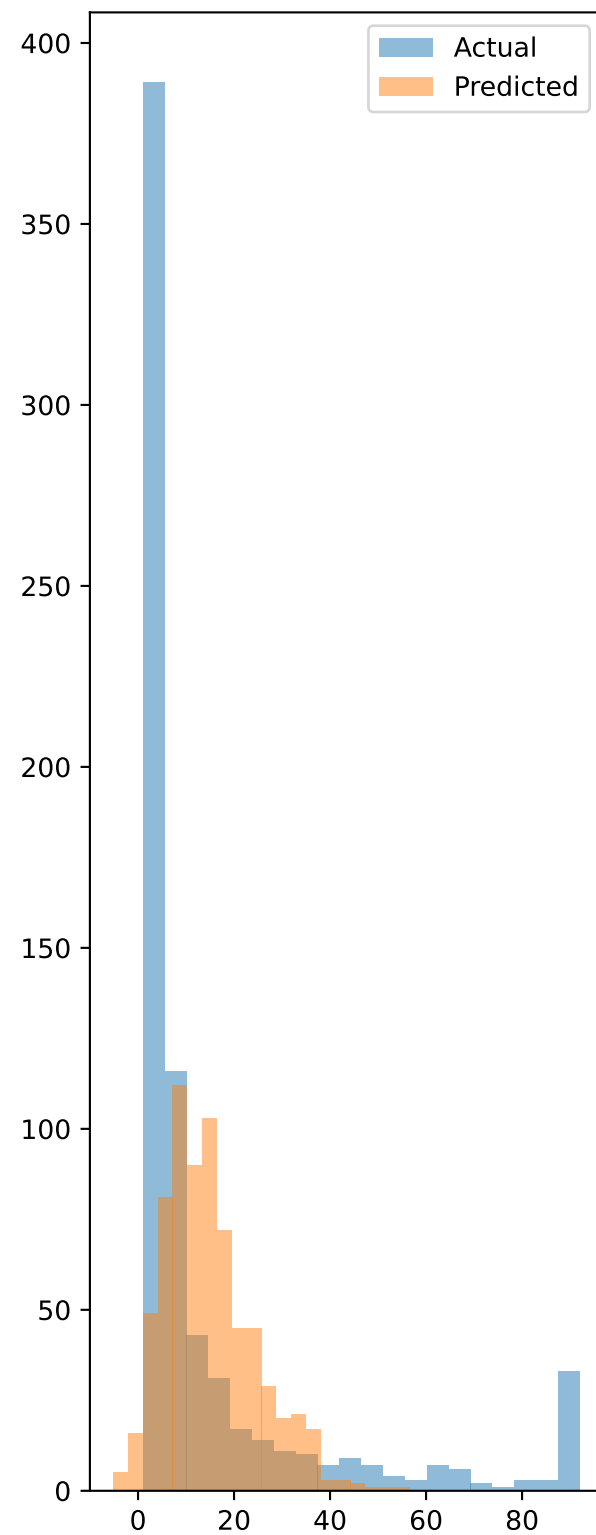
Distribution XGB model for  
WBC  
Hispanic group  
R2 score: 0.27  
Wasserstein Distance: 9.52

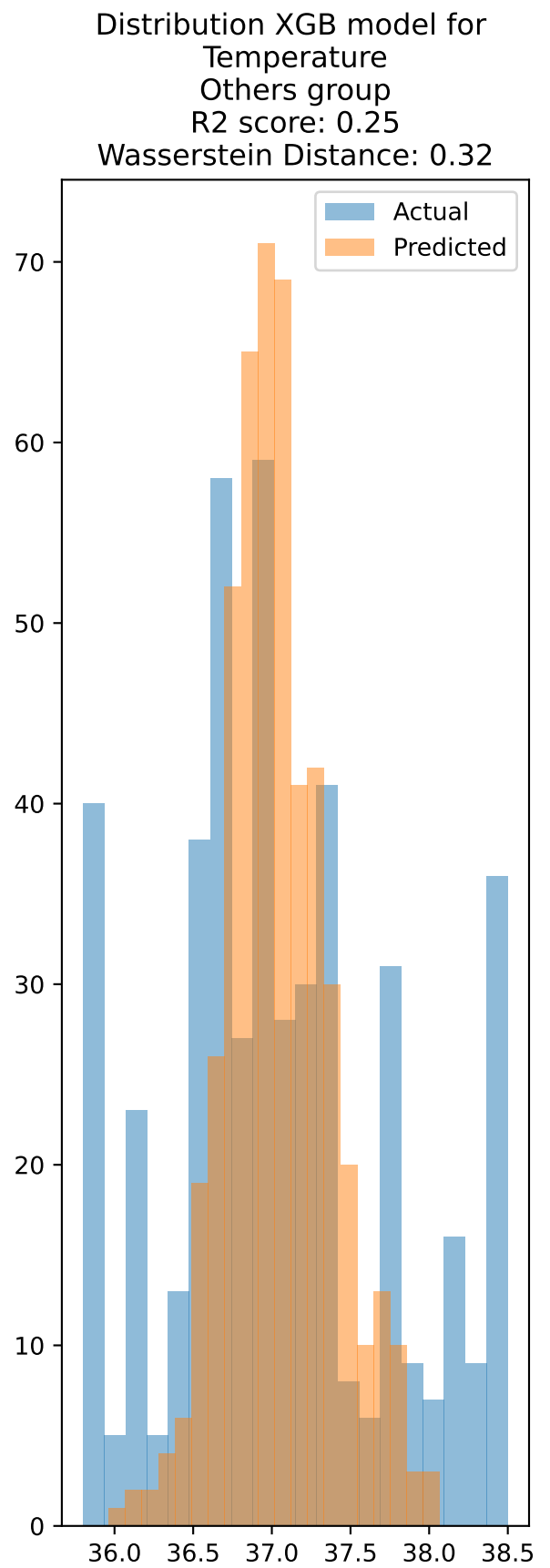
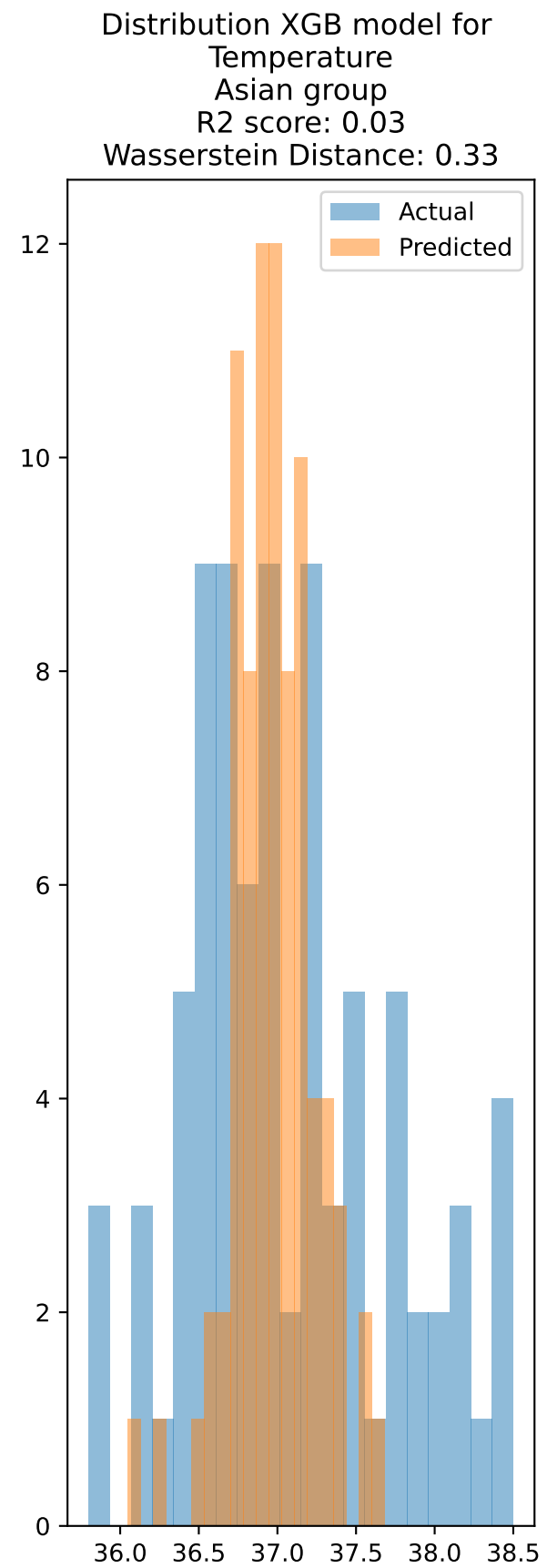
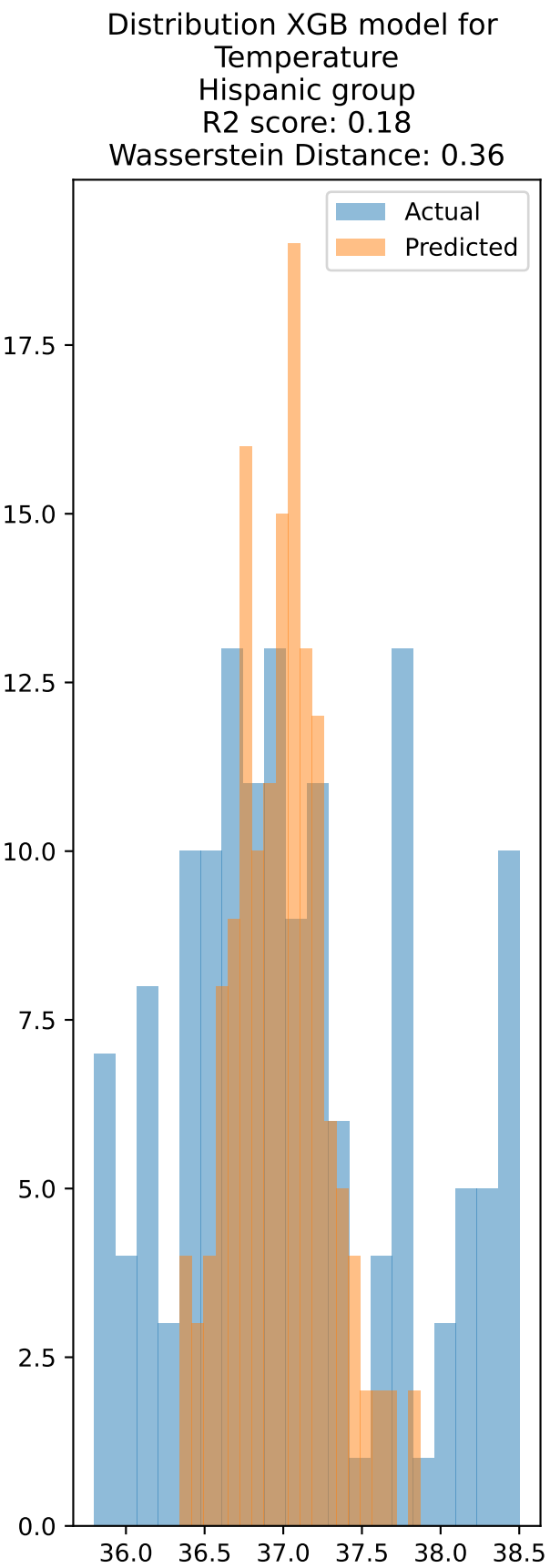
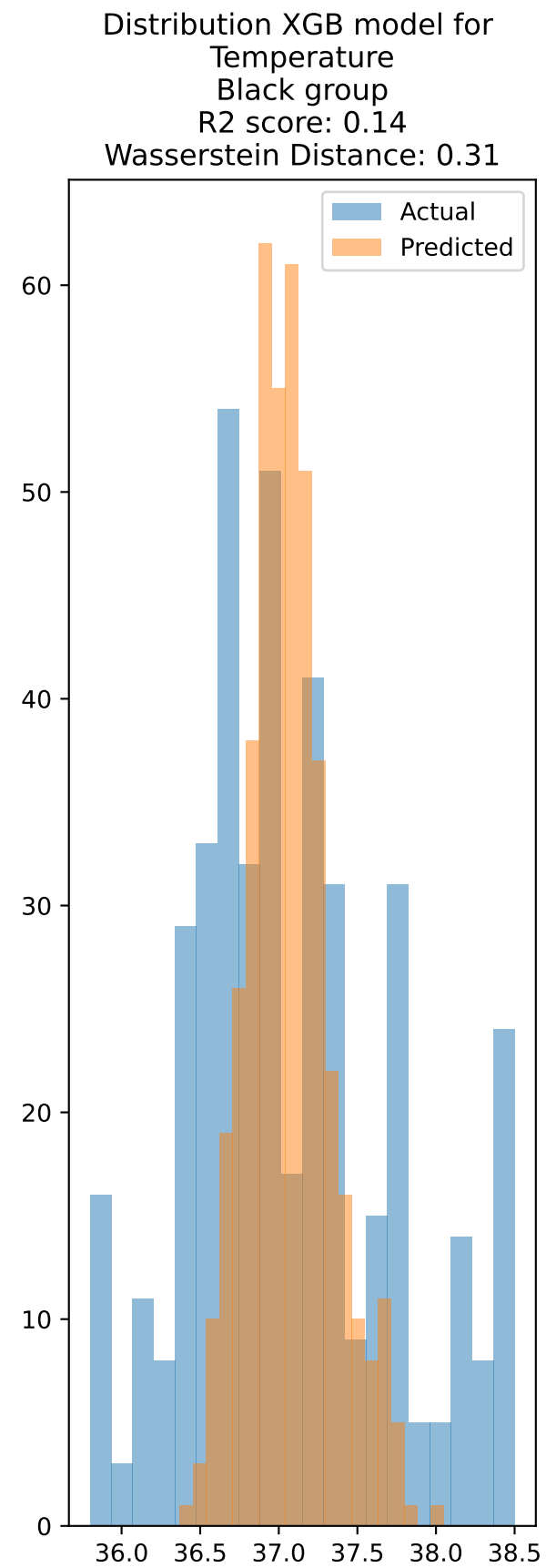
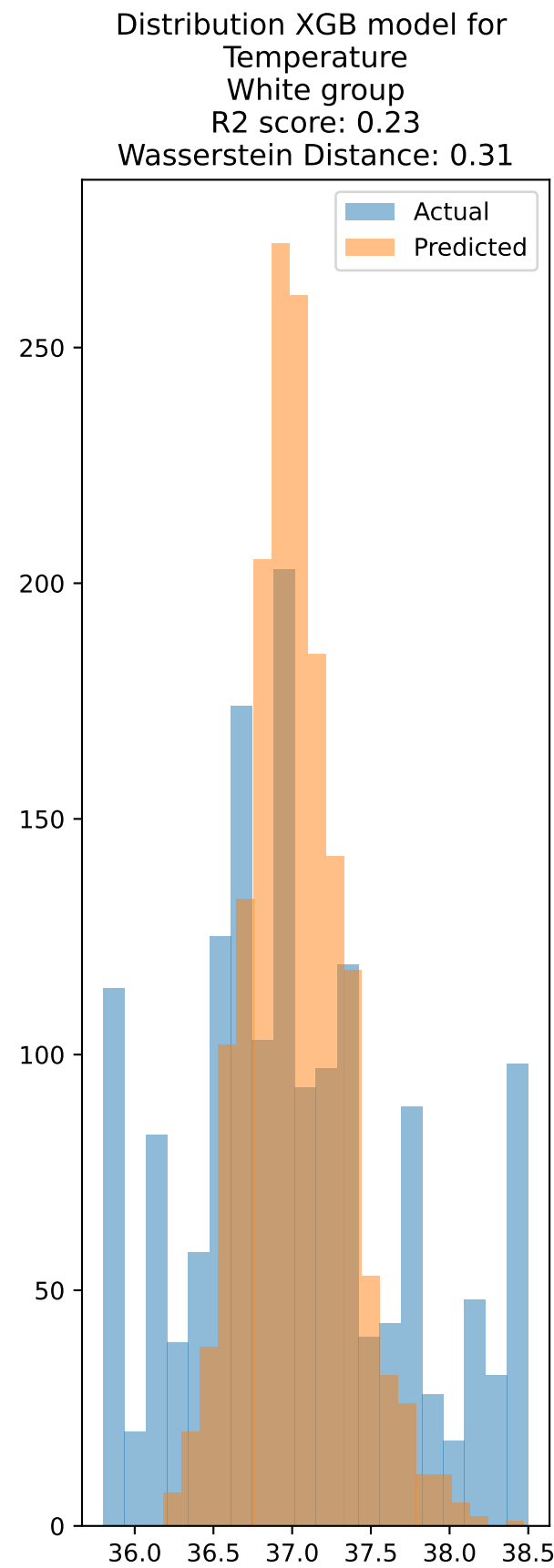


Distribution XGB model for  
WBC  
Asian group  
R2 score: 0.18  
Wasserstein Distance: 9.59

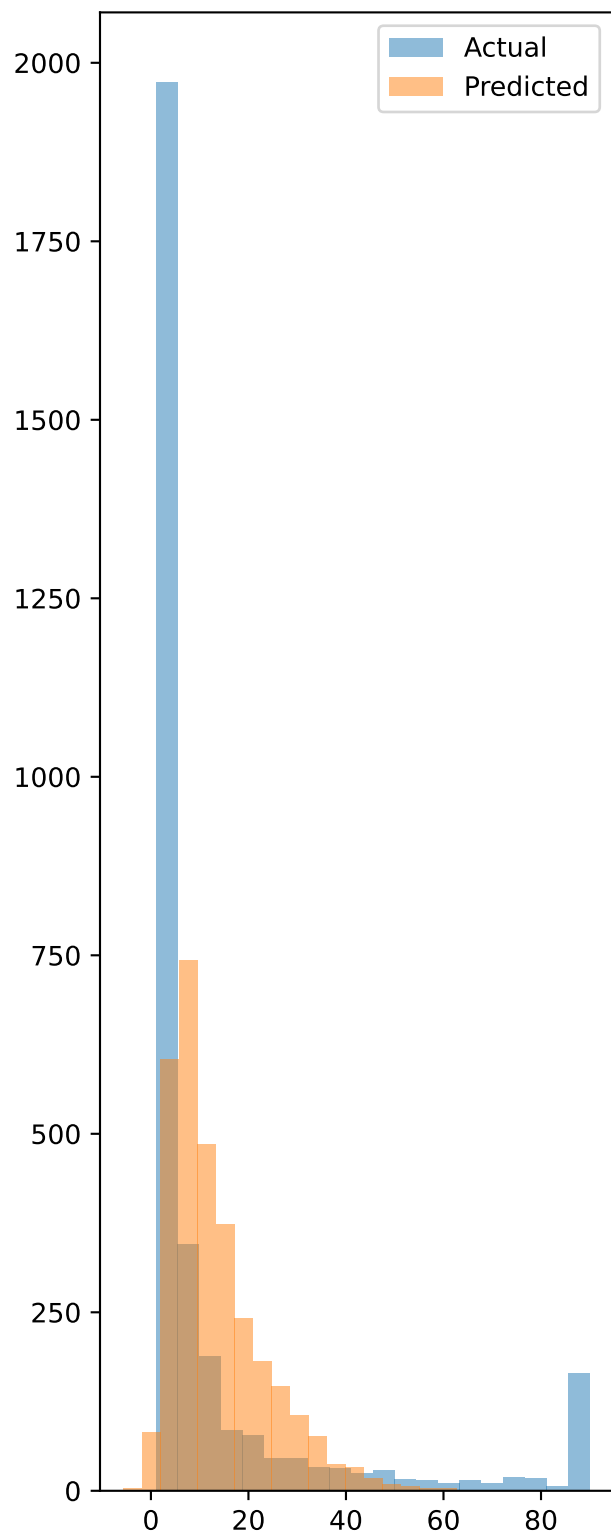


Distribution XGB model for  
WBC  
Others group  
R2 score: 0.19  
Wasserstein Distance: 9.84

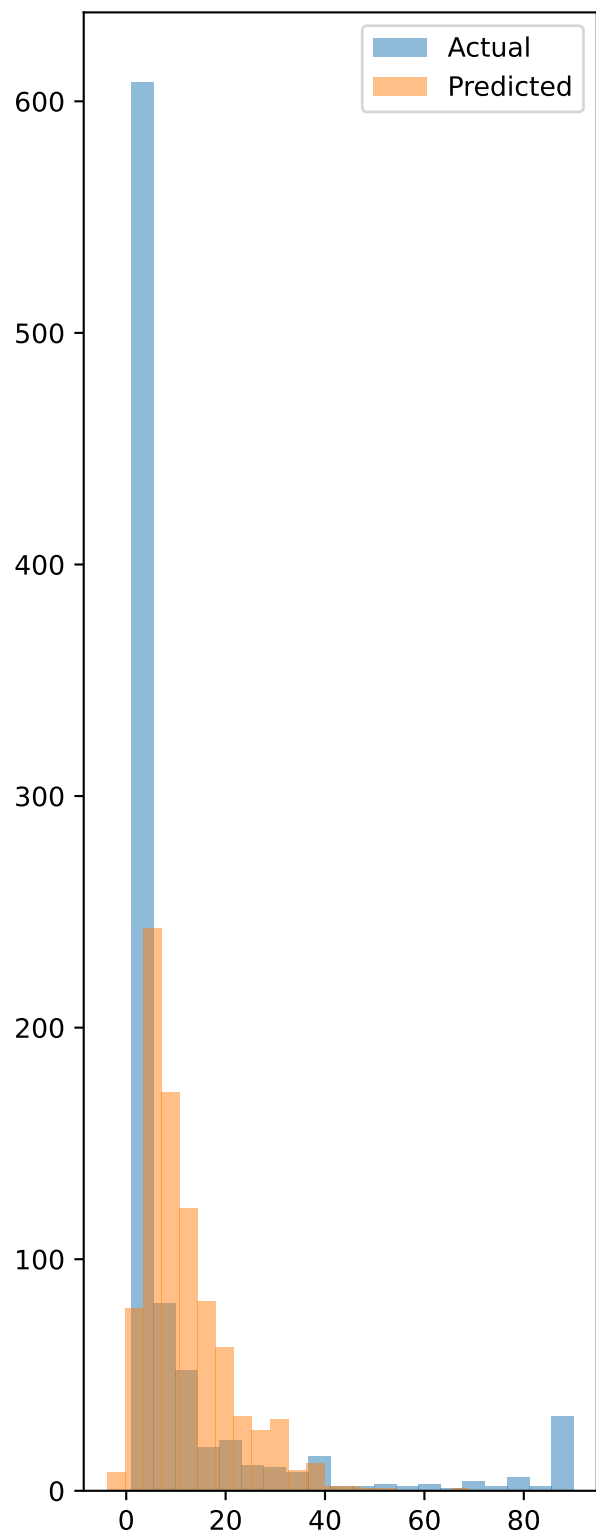




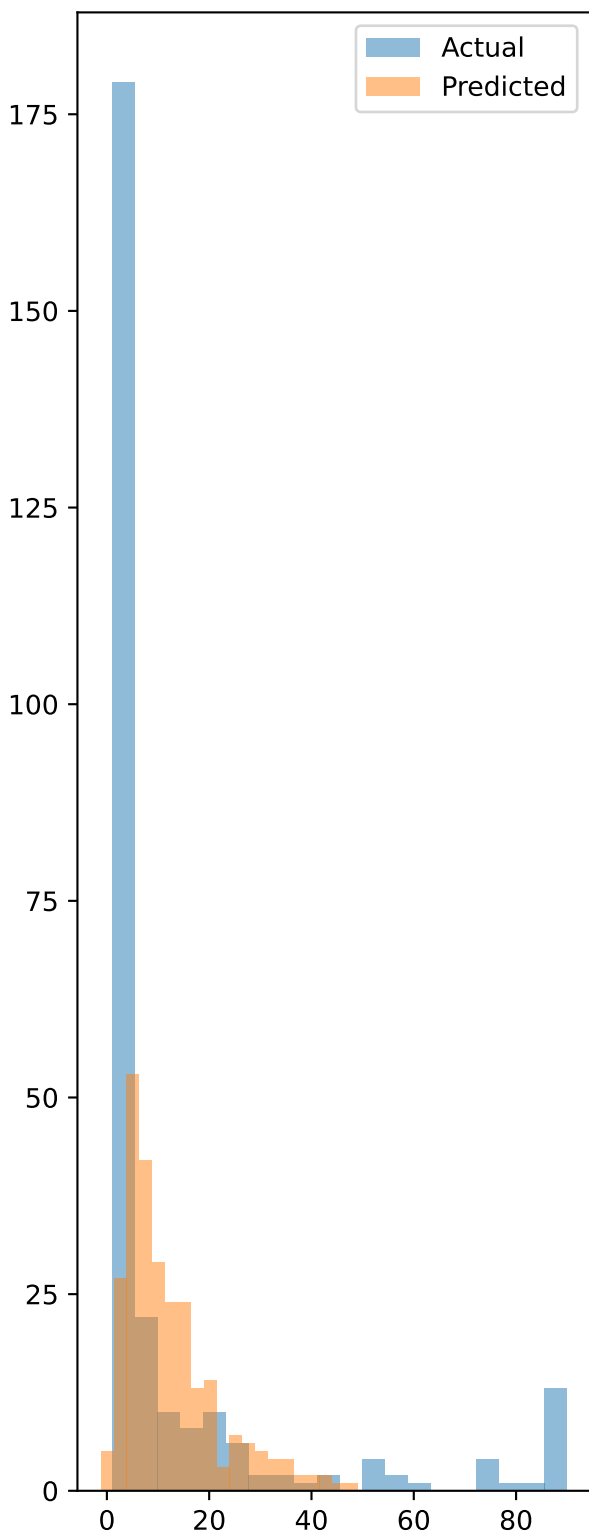
Distribution XGB model for  
RBC  
White group  
R2 score: 0.19  
Wasserstein Distance: 9.19



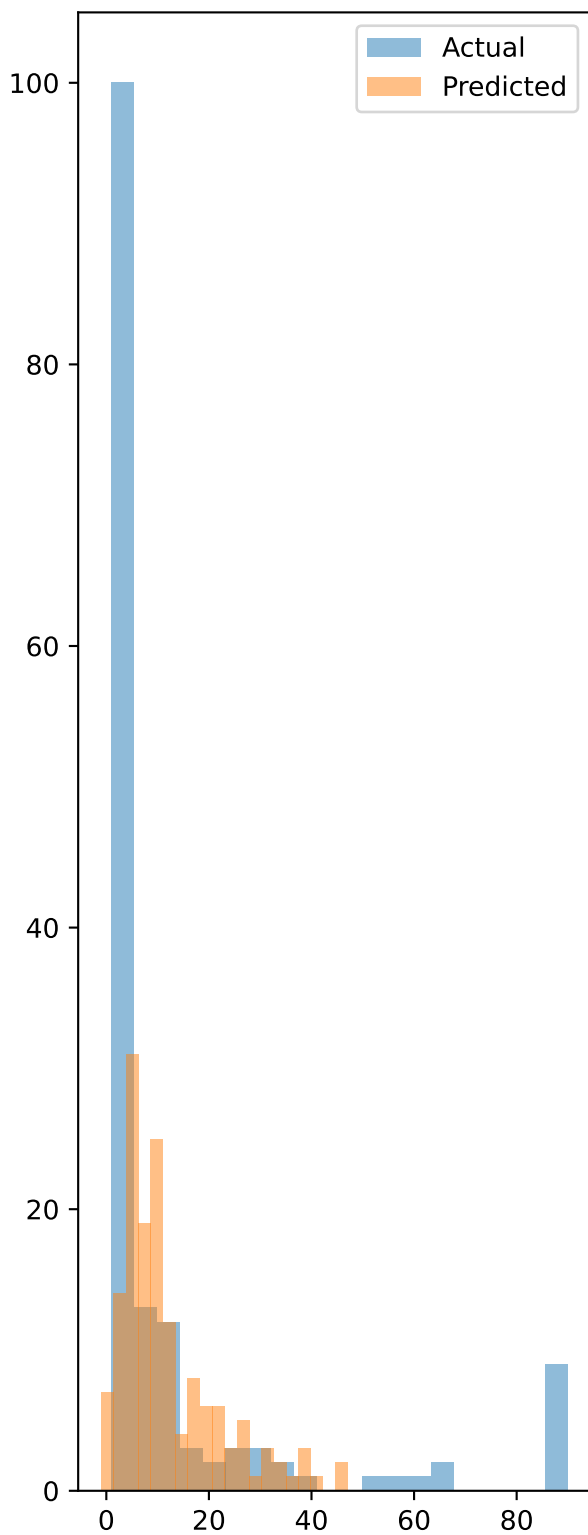
Distribution XGB model for  
RBC  
Black group  
R2 score: 0.14  
Wasserstein Distance: 8.01



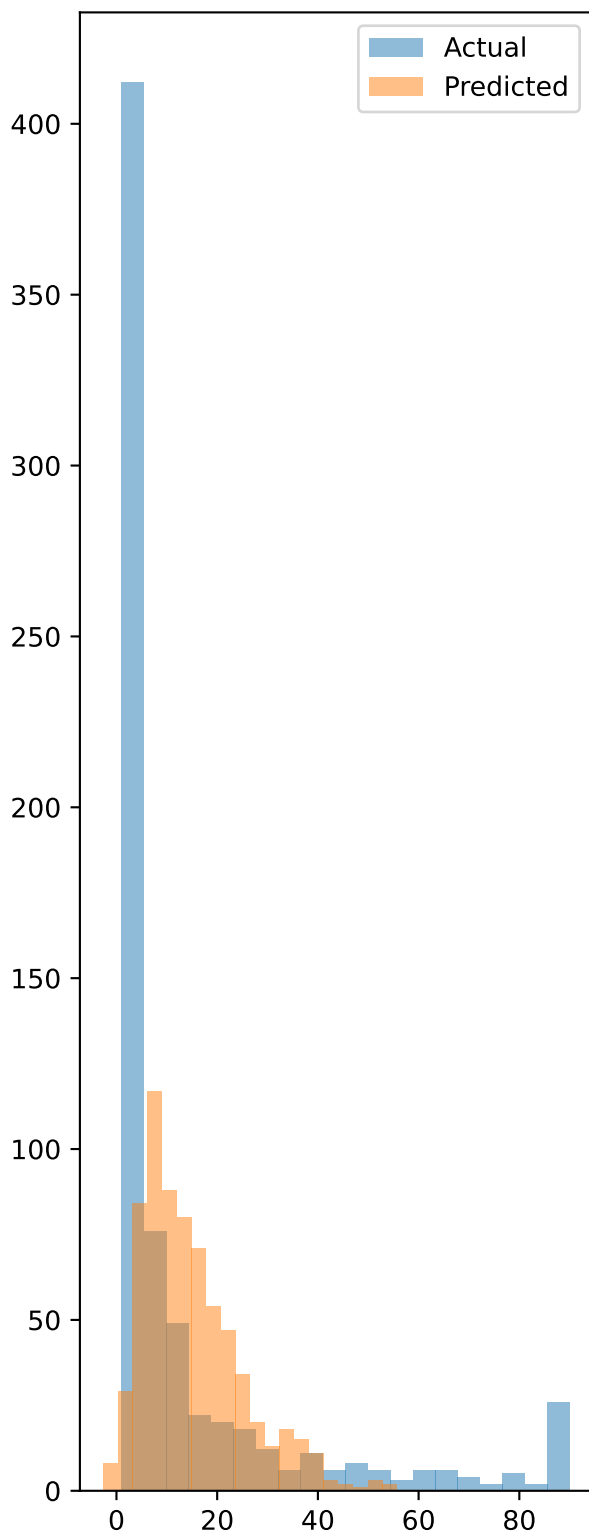
Distribution XGB model for  
RBC  
Hispanic group  
R2 score: 0.25  
Wasserstein Distance: 8.80



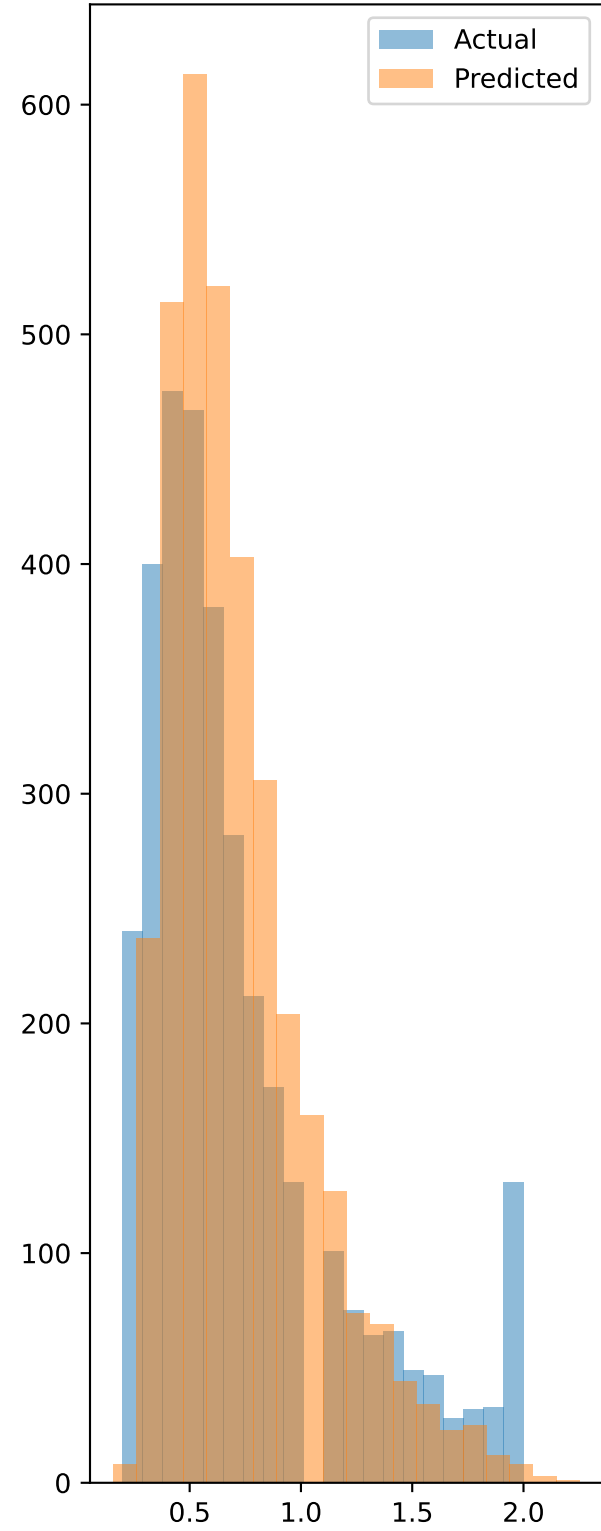
Distribution XGB model for  
RBC  
Asian group  
R2 score: 0.26  
Wasserstein Distance: 8.10



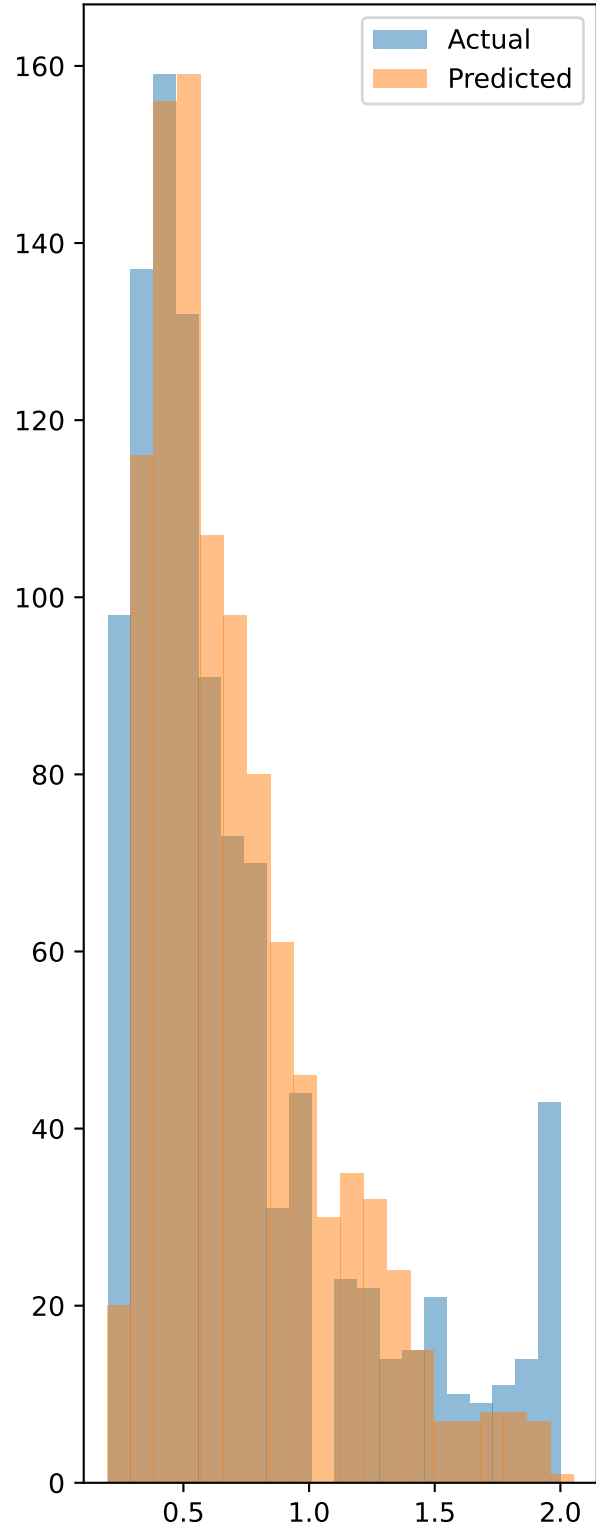
Distribution XGB model for  
RBC  
Others group  
R2 score: 0.18  
Wasserstein Distance: 9.30



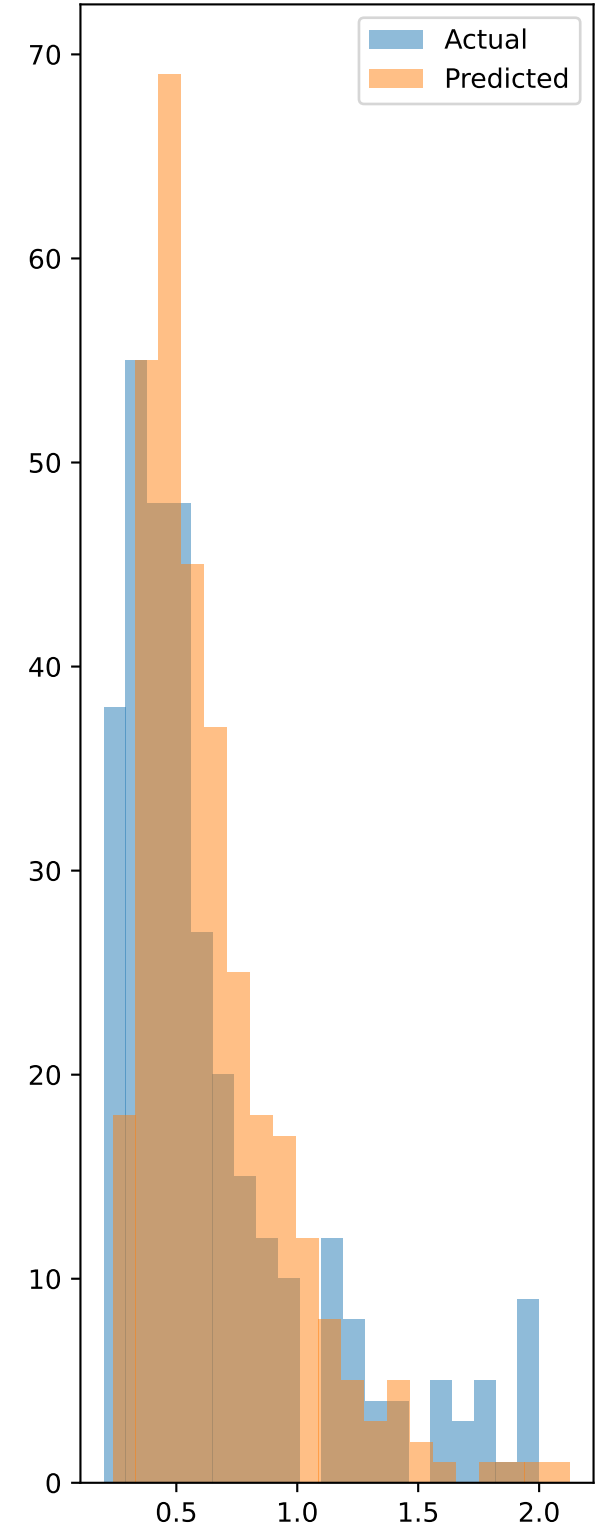
Distribution XGB model for  
Immature Granulocytes  
White group  
R2 score: 0.49  
Wasserstein Distance: 0.11



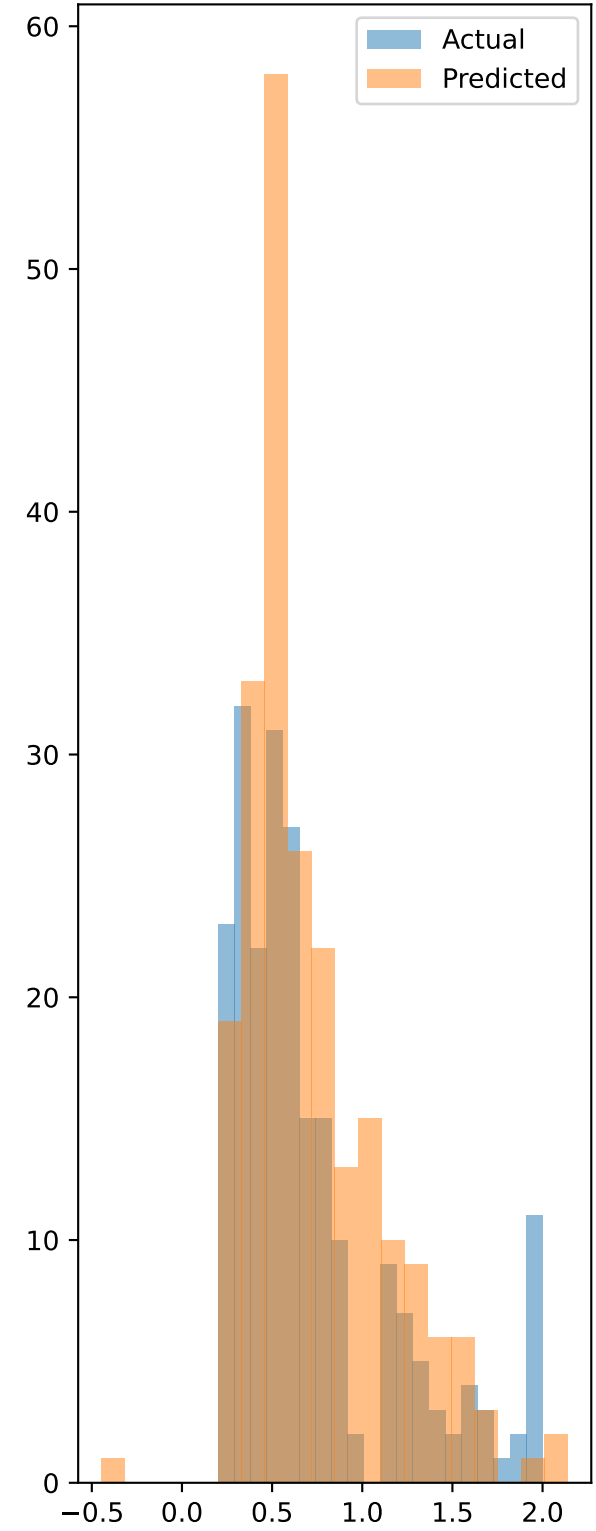
Distribution XGB model for  
Immature Granulocytes  
Black group  
R2 score: 0.61  
Wasserstein Distance: 0.11



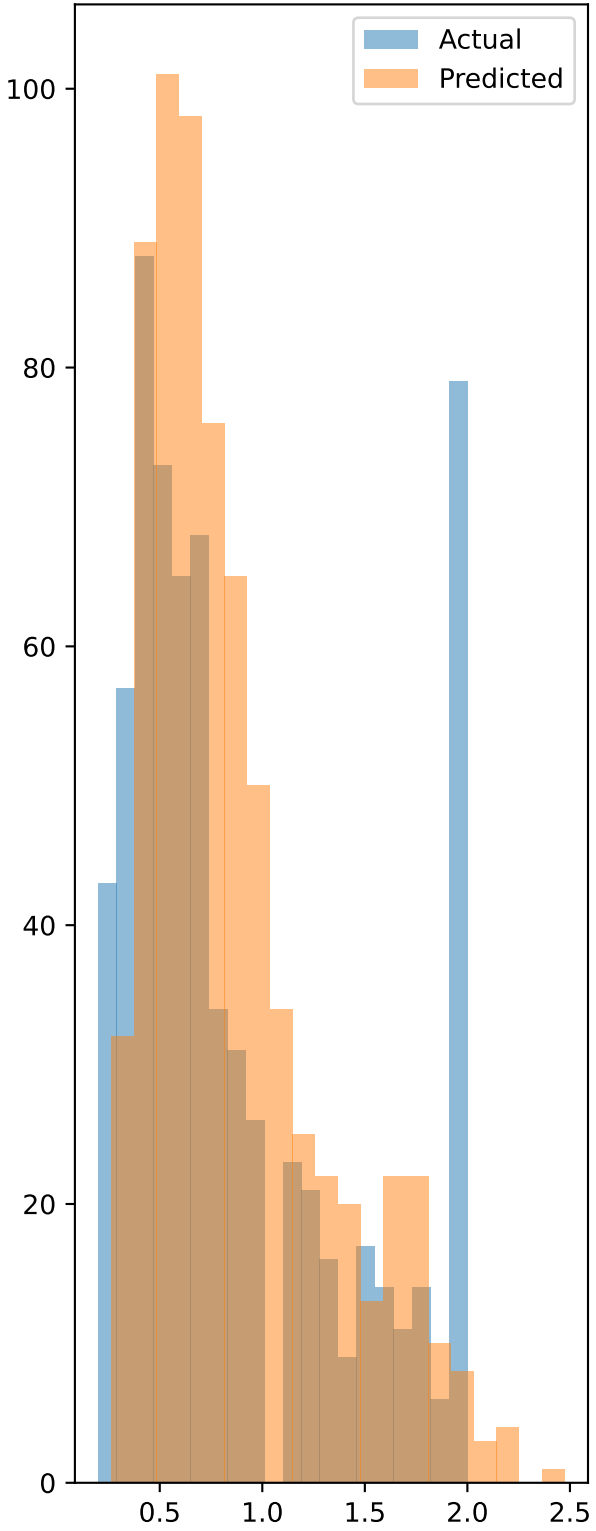
Distribution XGB model for  
Immature Granulocytes  
Hispanic group  
R2 score: 0.50  
Wasserstein Distance: 0.11



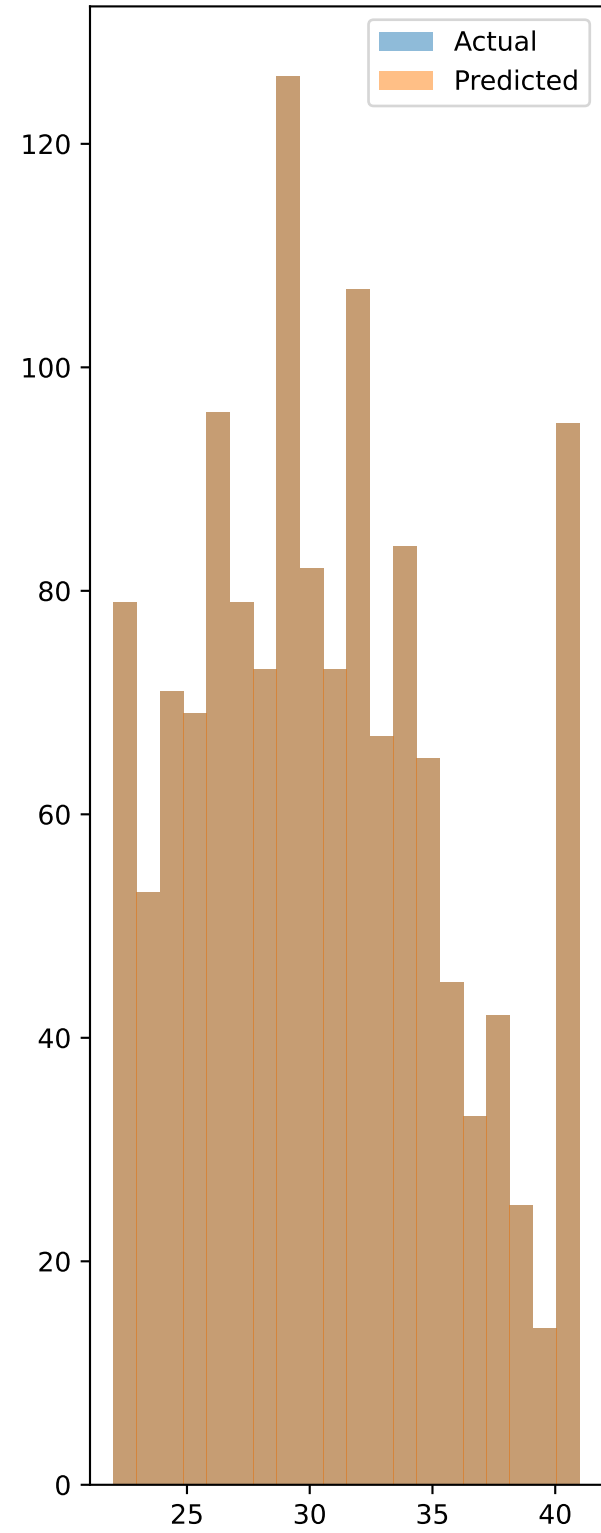
Distribution XGB model for  
Immature Granulocytes  
Asian group  
R2 score: 0.56  
Wasserstein Distance: 0.09



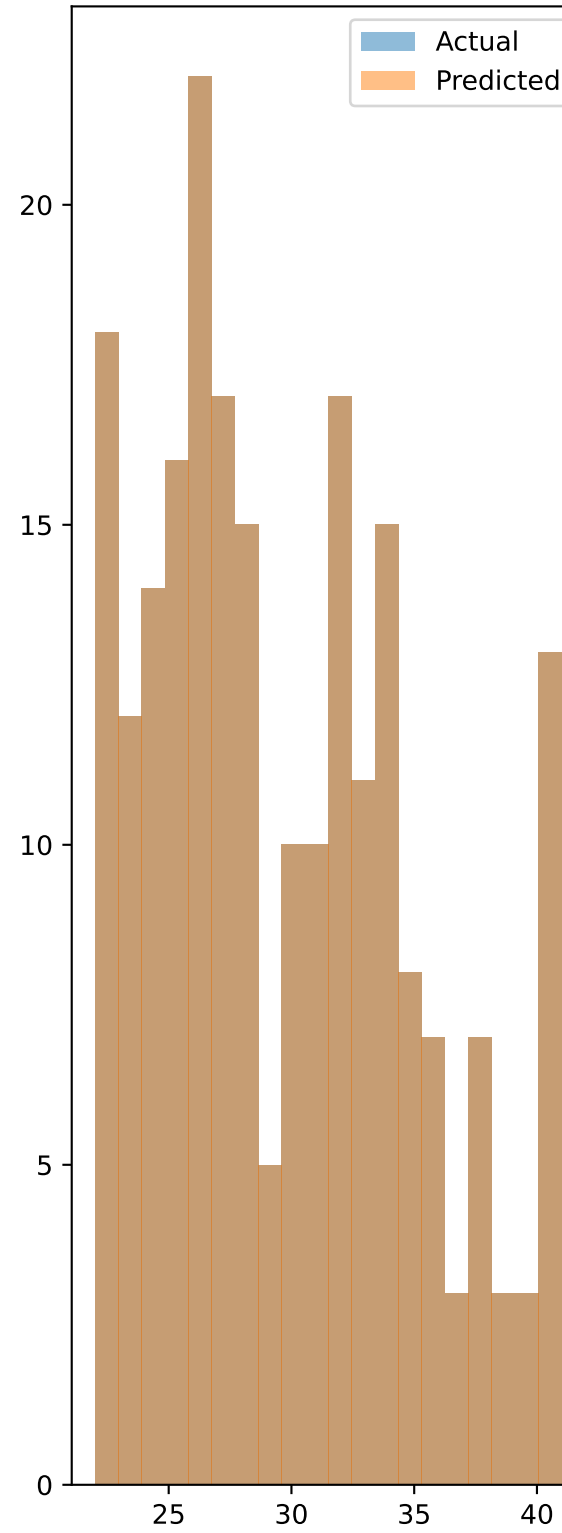
Distribution XGB model for  
Immature Granulocytes  
Others group  
R2 score: 0.66  
Wasserstein Distance: 0.13



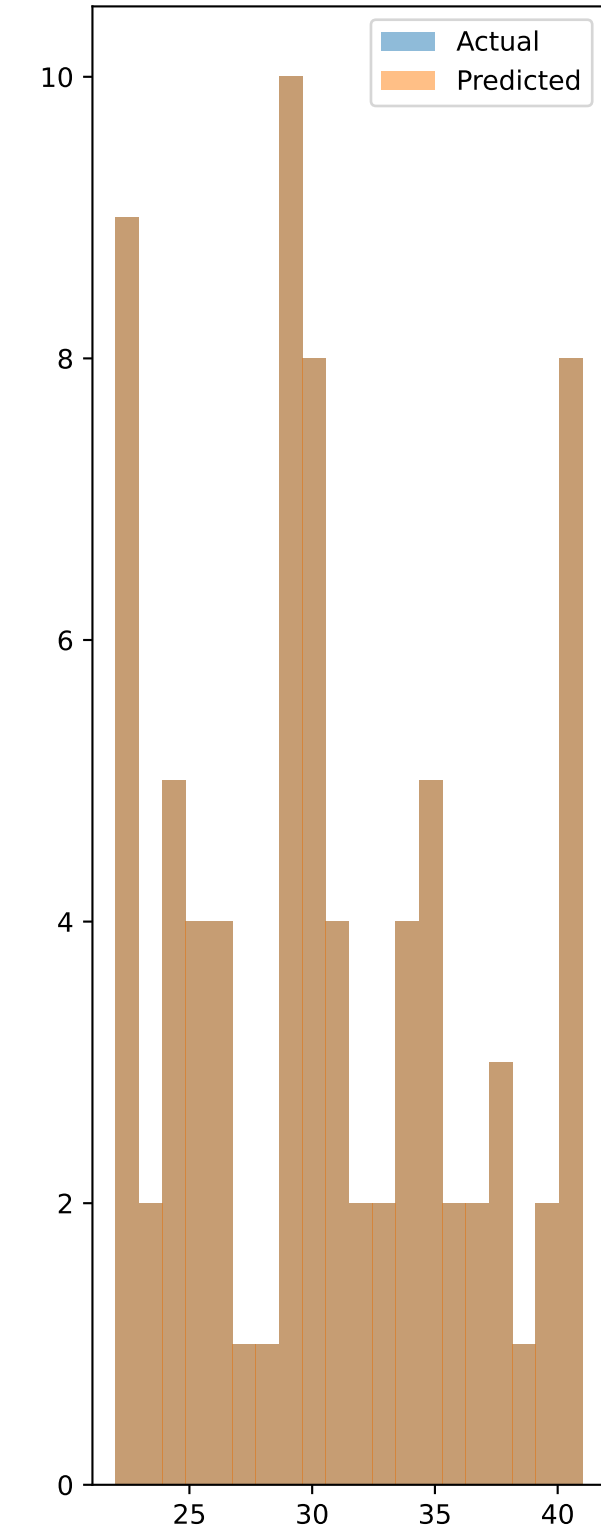
Distribution XGB model for  
Hematocrit, Calculated  
White group  
R2 score: 1.00  
Wasserstein Distance: 0.00



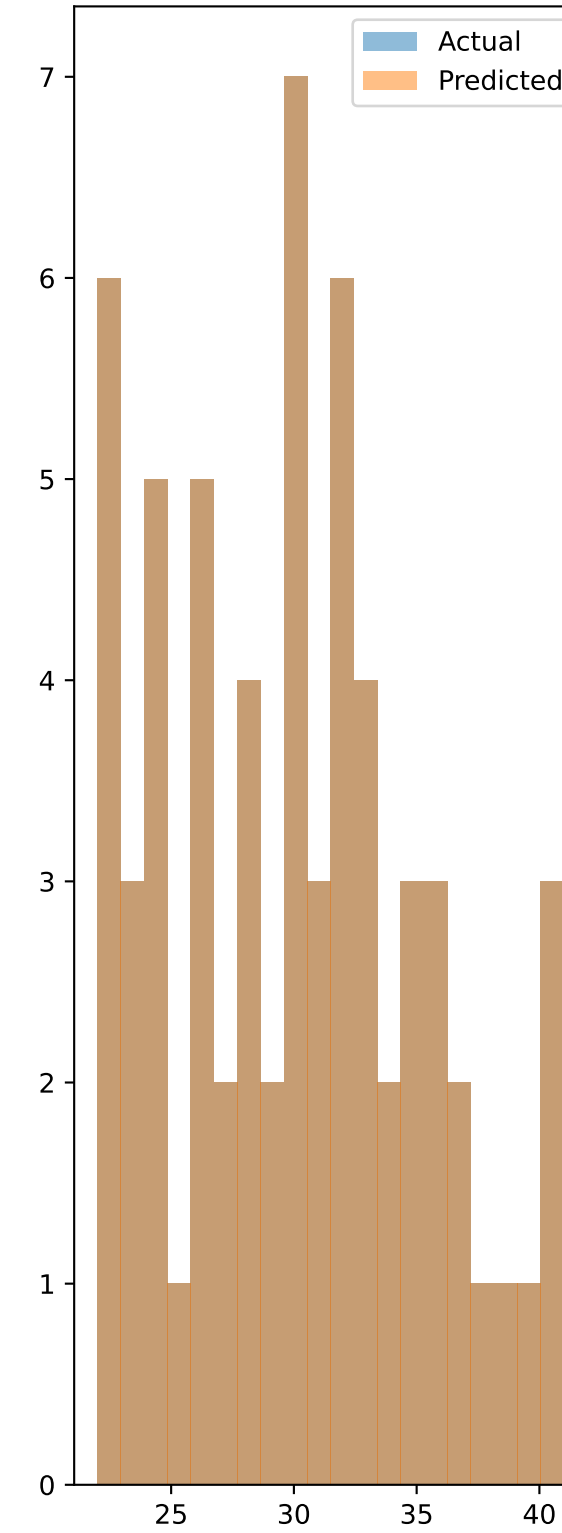
Distribution XGB model for  
Hematocrit, Calculated  
Black group  
R2 score: 1.00  
Wasserstein Distance: 0.00



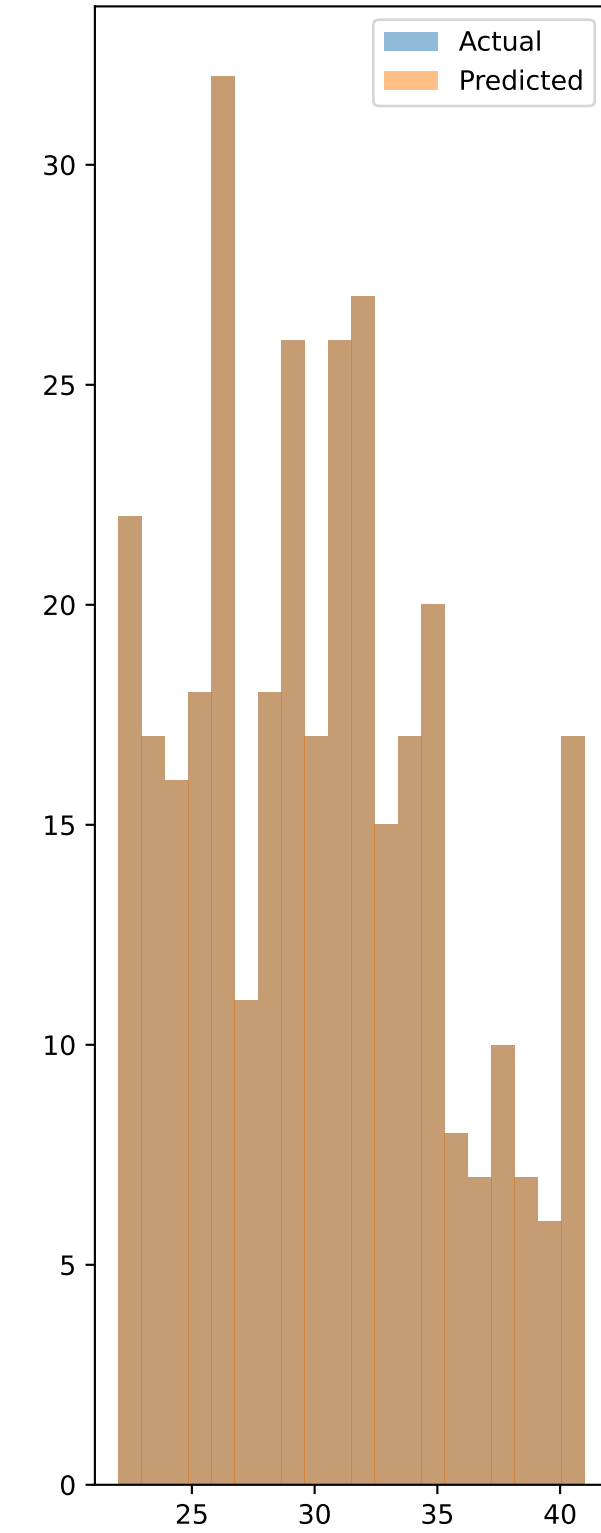
Distribution XGB model for  
Hematocrit, Calculated  
Hispanic group  
R2 score: 1.00  
Wasserstein Distance: 0.00

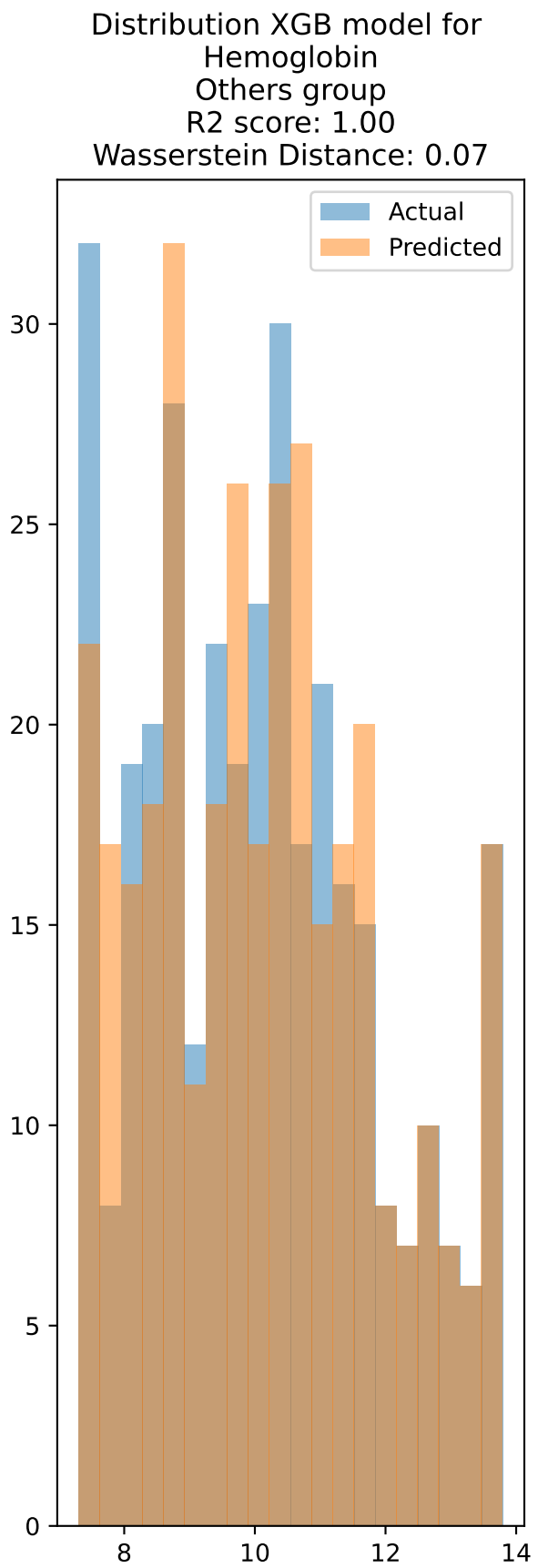
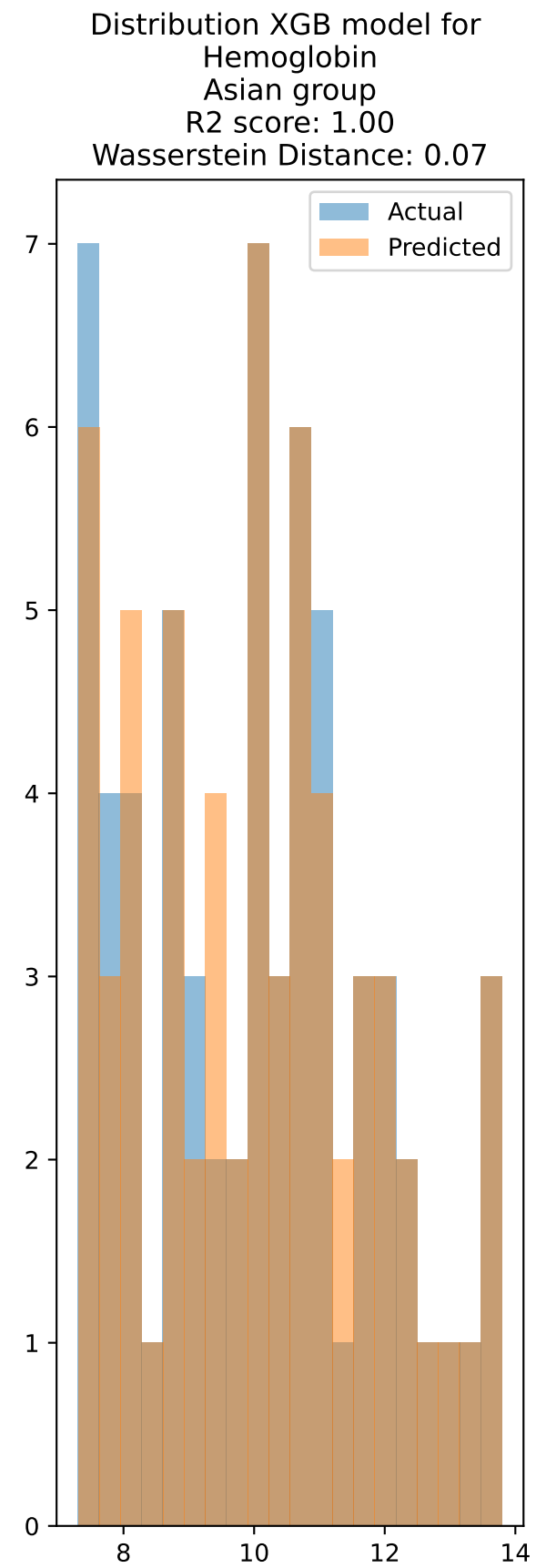
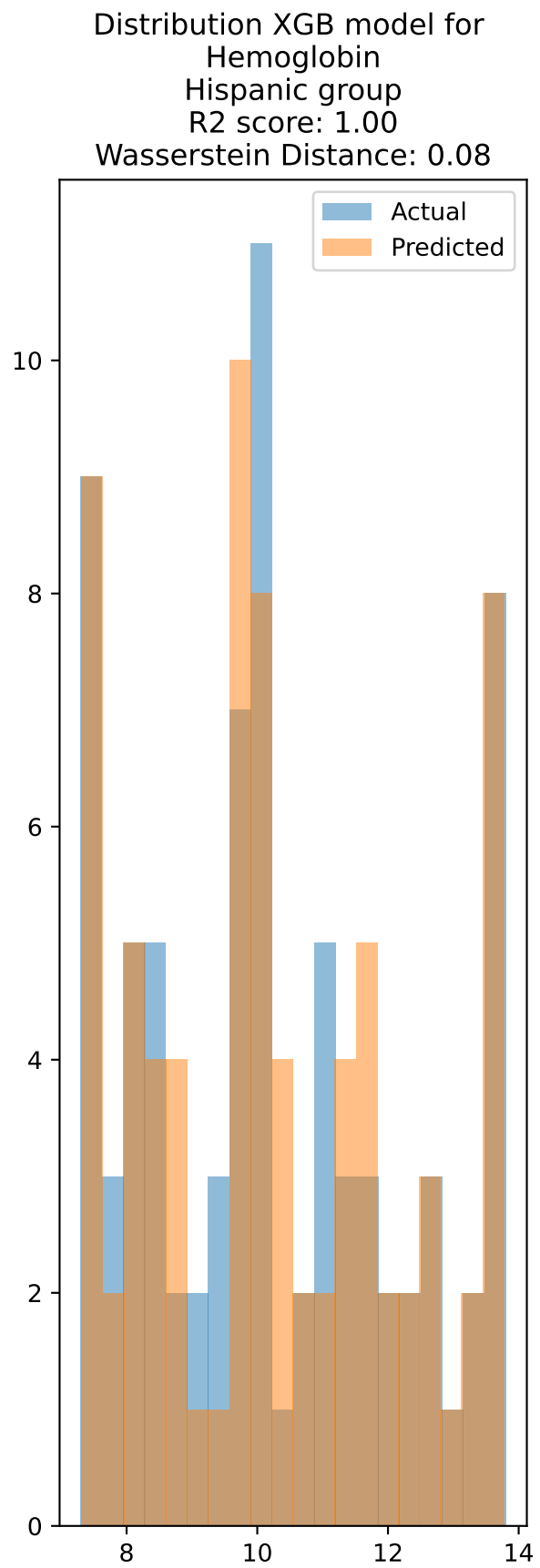
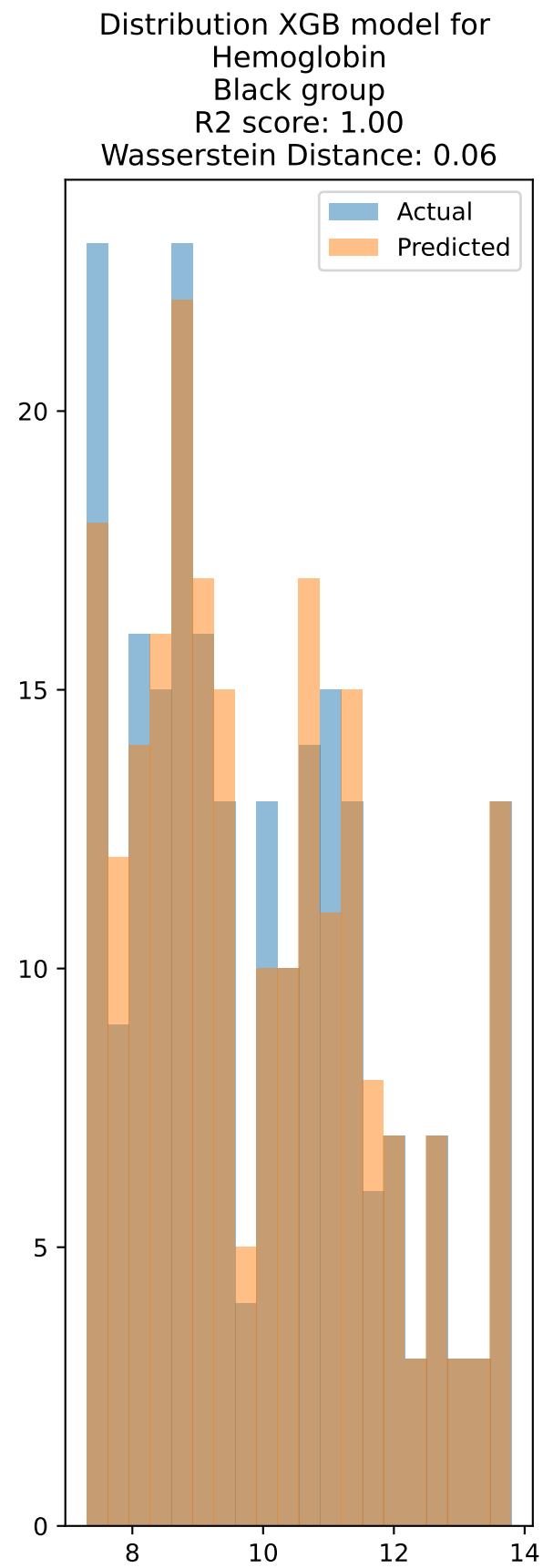
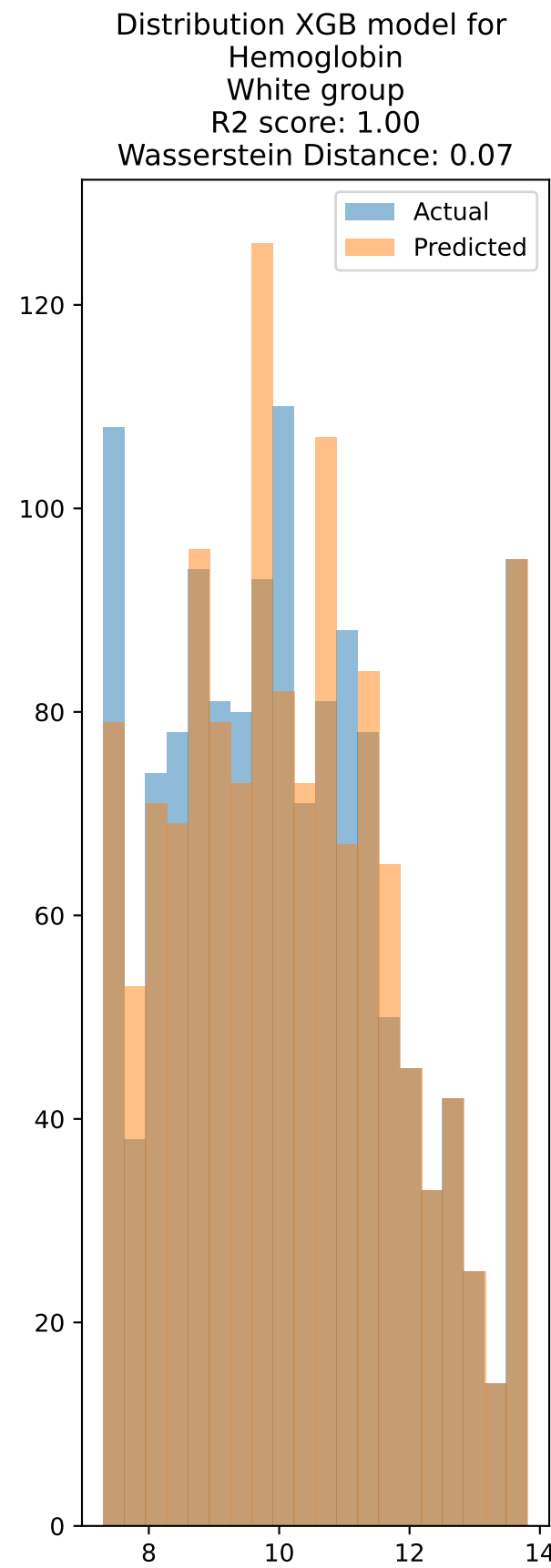


Distribution XGB model for  
Hematocrit, Calculated  
Asian group  
R2 score: 1.00  
Wasserstein Distance: 0.00

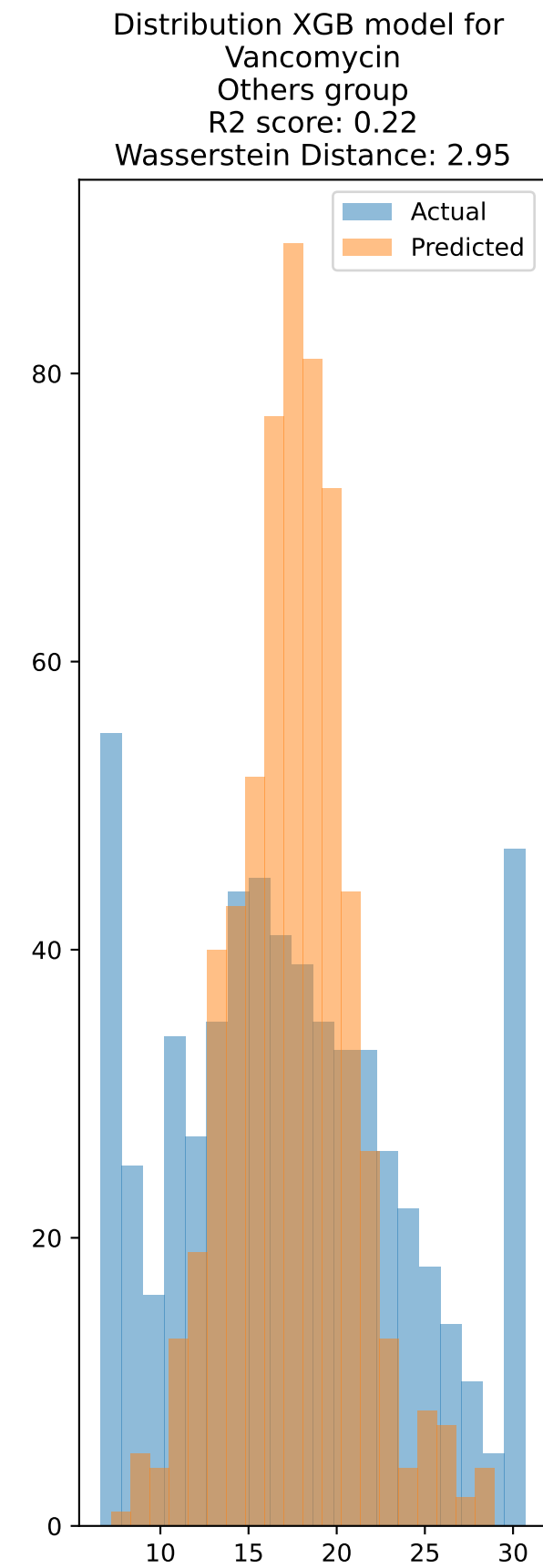
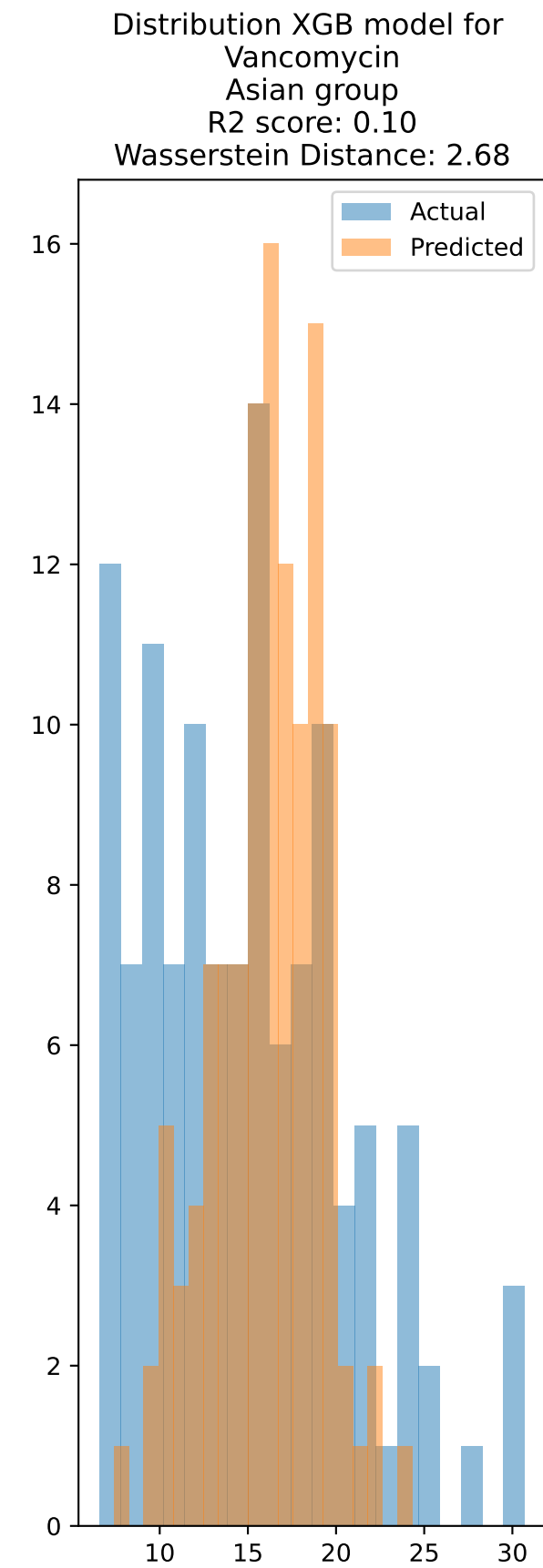
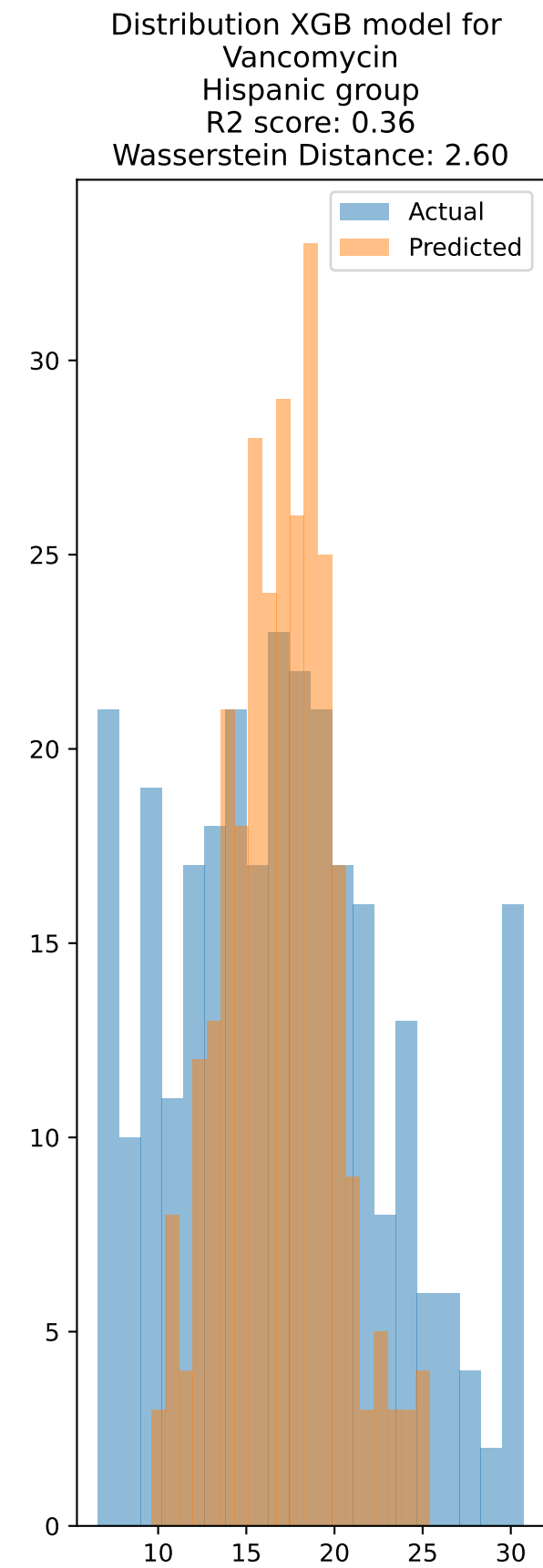
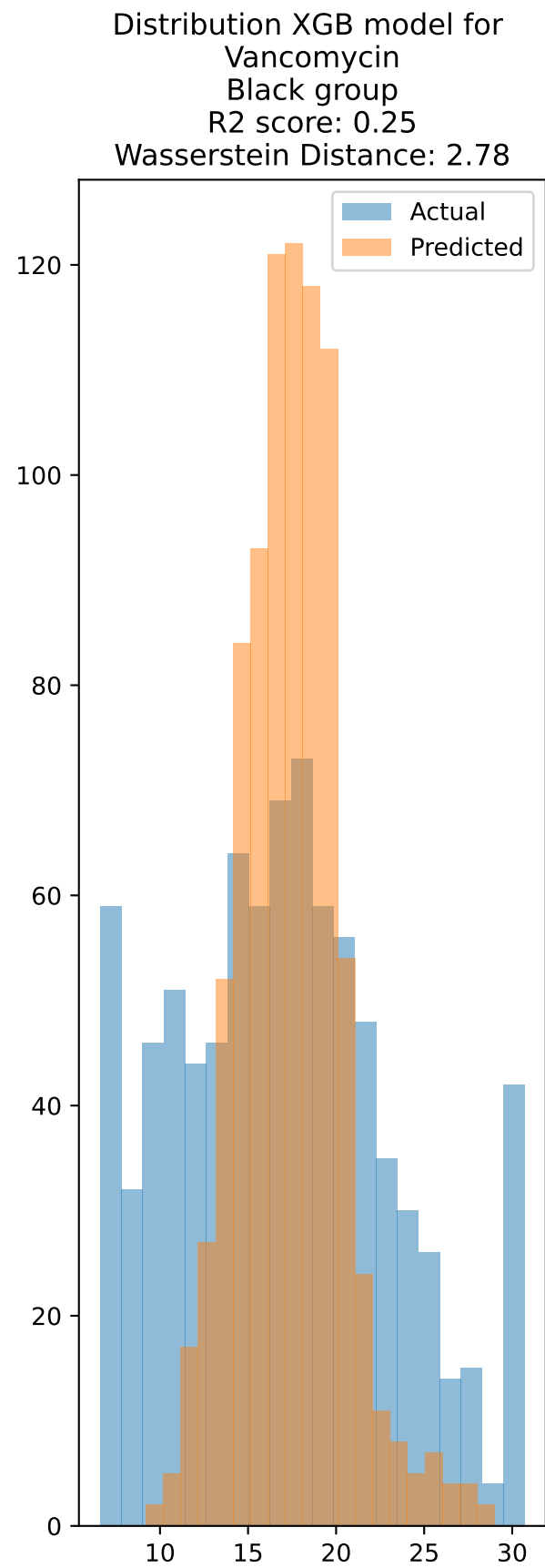
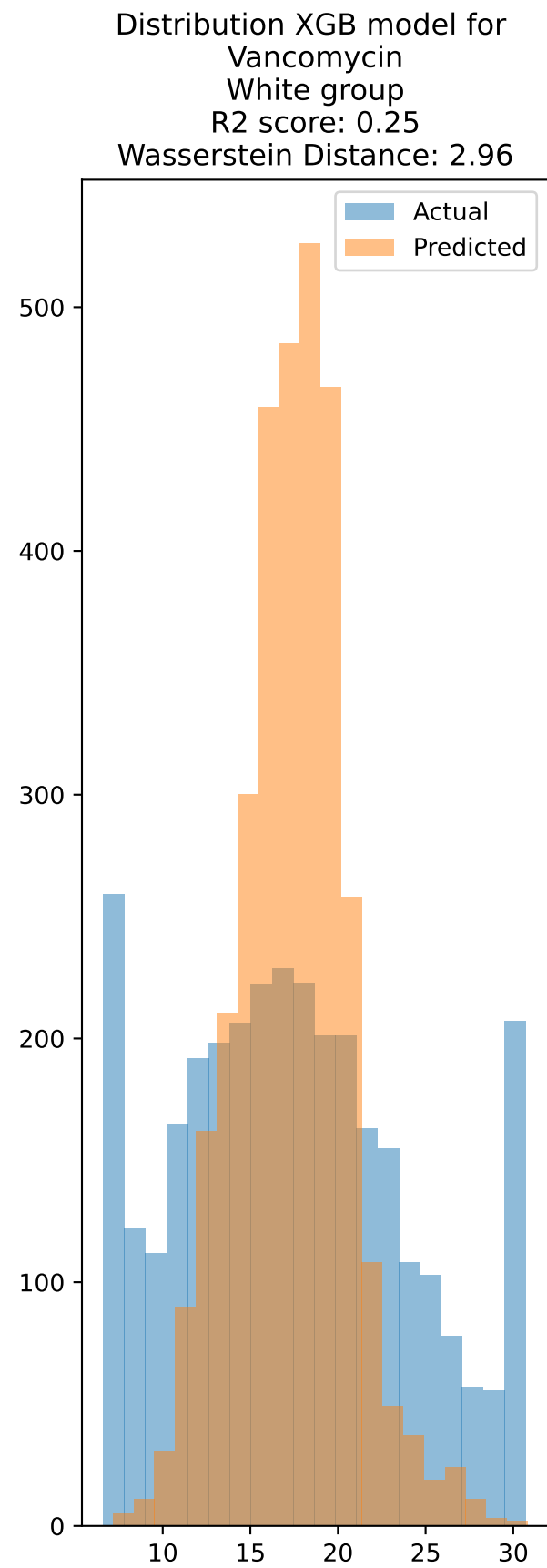


Distribution XGB model for  
Hematocrit, Calculated  
Others group  
R2 score: 1.00  
Wasserstein Distance: 0.00

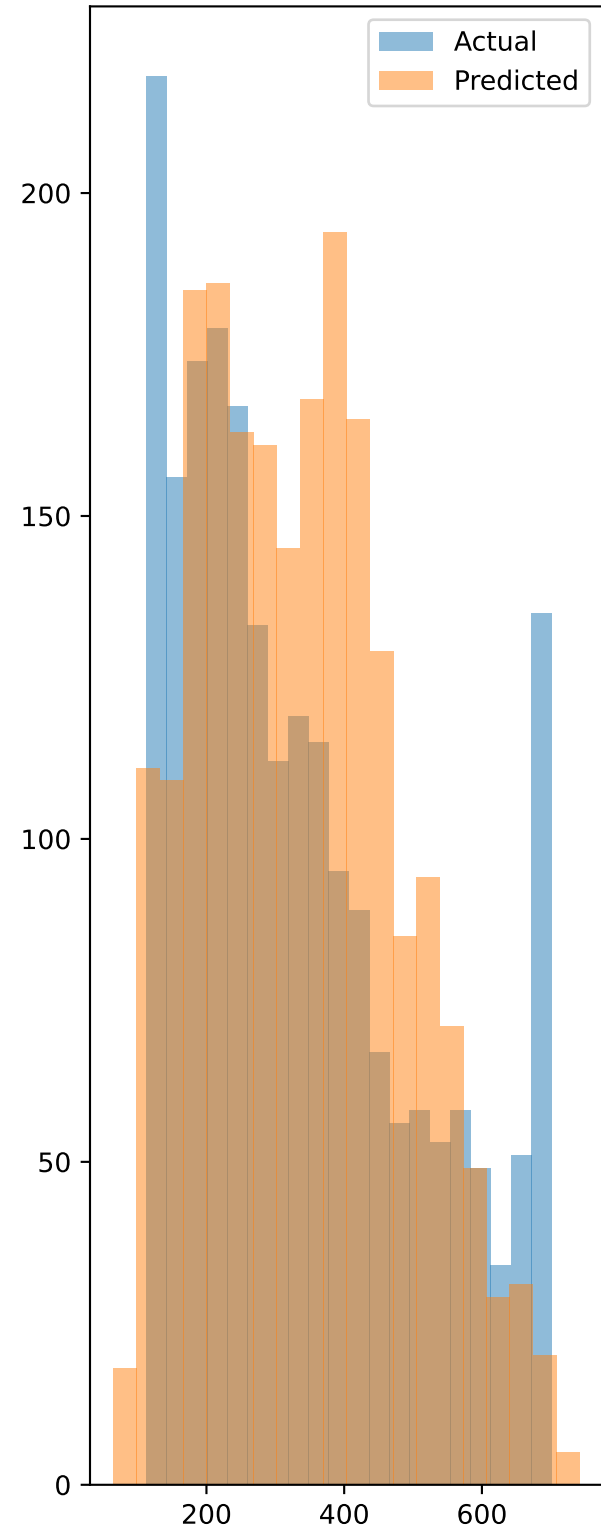




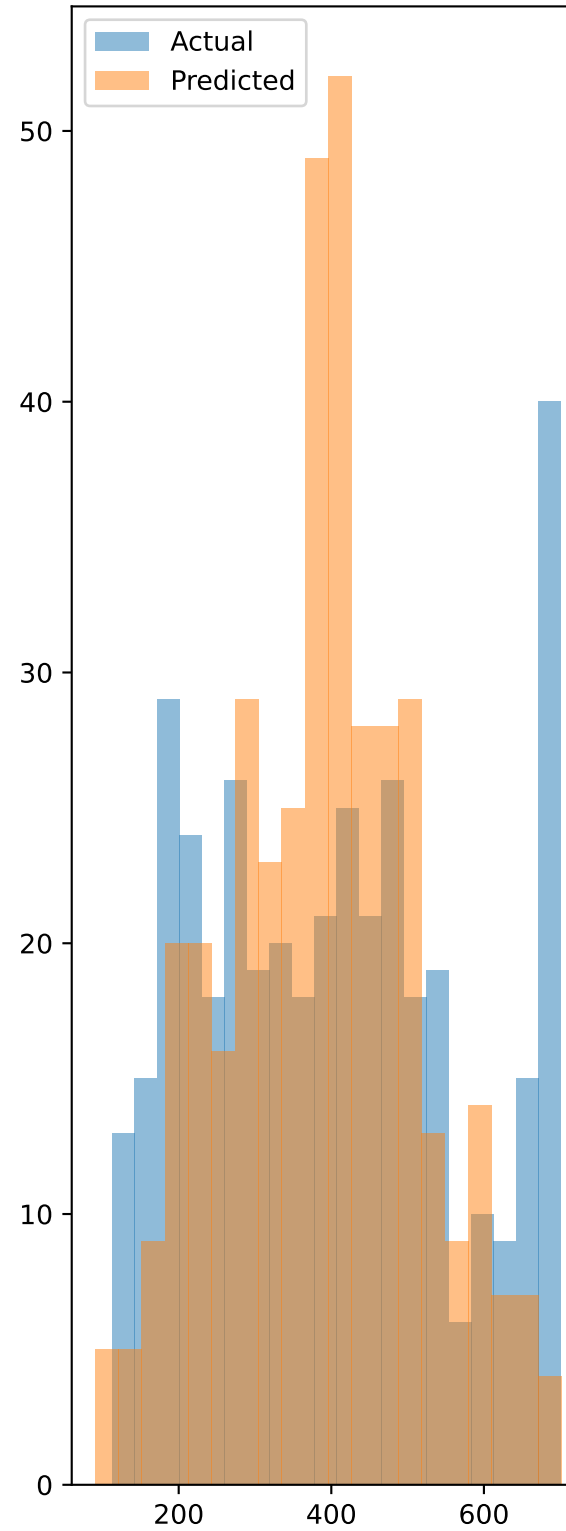




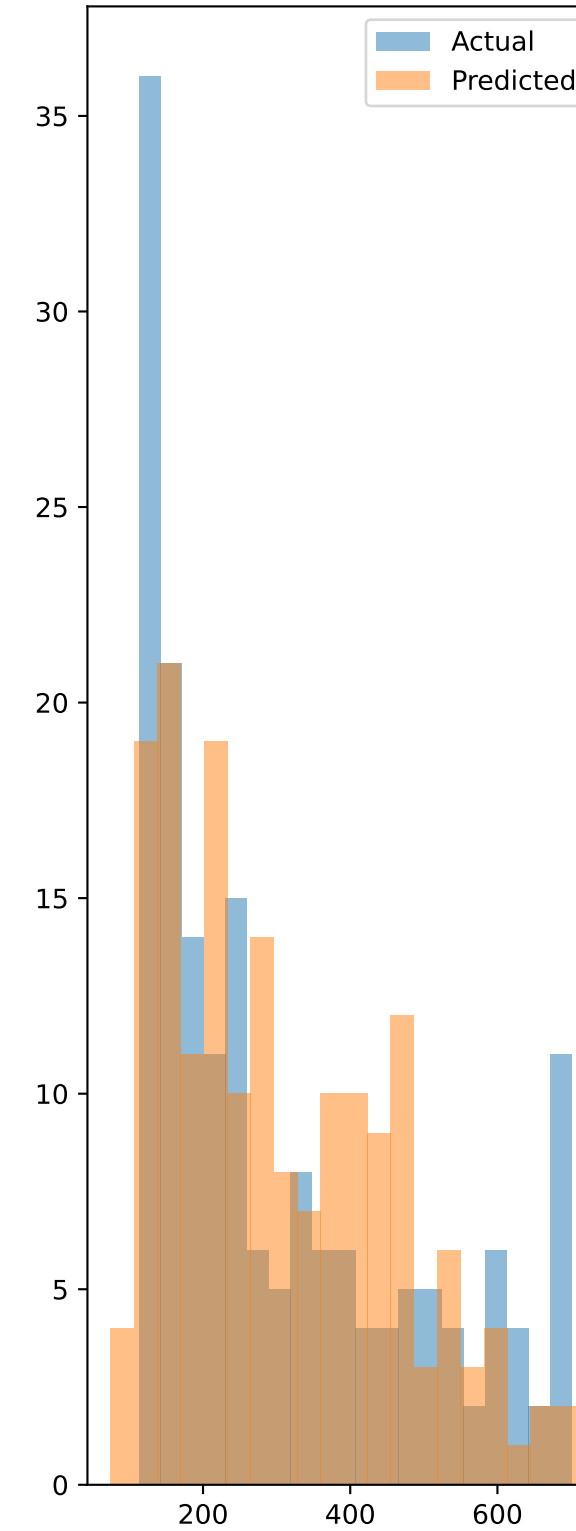
Distribution XGB model for  
Fibrinogen, Functional  
White group  
R2 score: 0.65  
Wasserstein Distance: 31.72



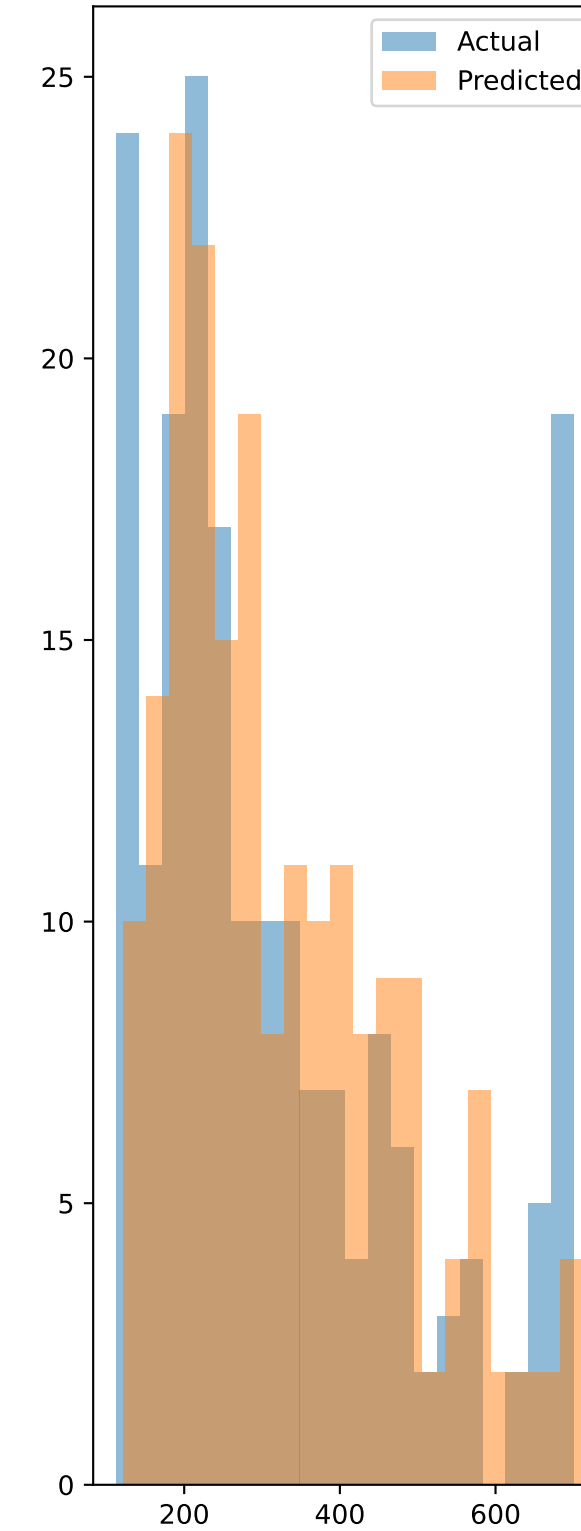
Distribution XGB model for  
Fibrinogen, Functional  
Black group  
R2 score: 0.57  
Wasserstein Distance: 46.04



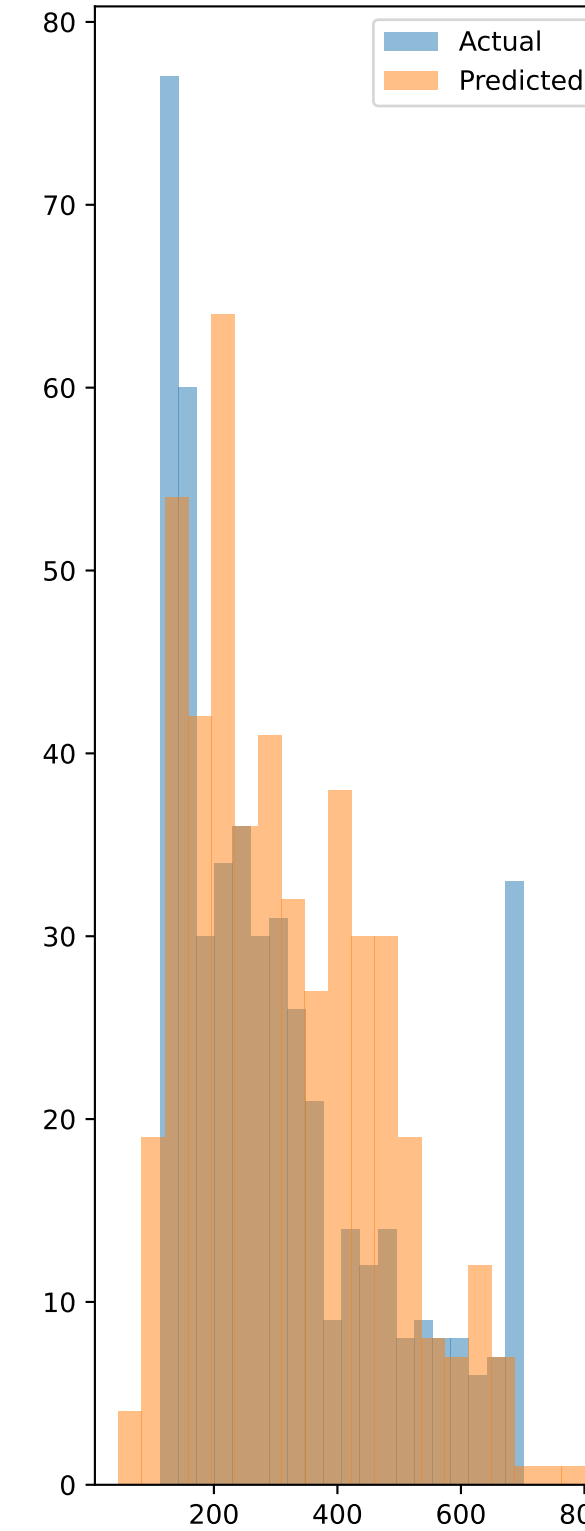
Distribution XGB model for  
Fibrinogen, Functional  
Hispanic group  
R2 score: 0.72  
Wasserstein Distance: 34.12

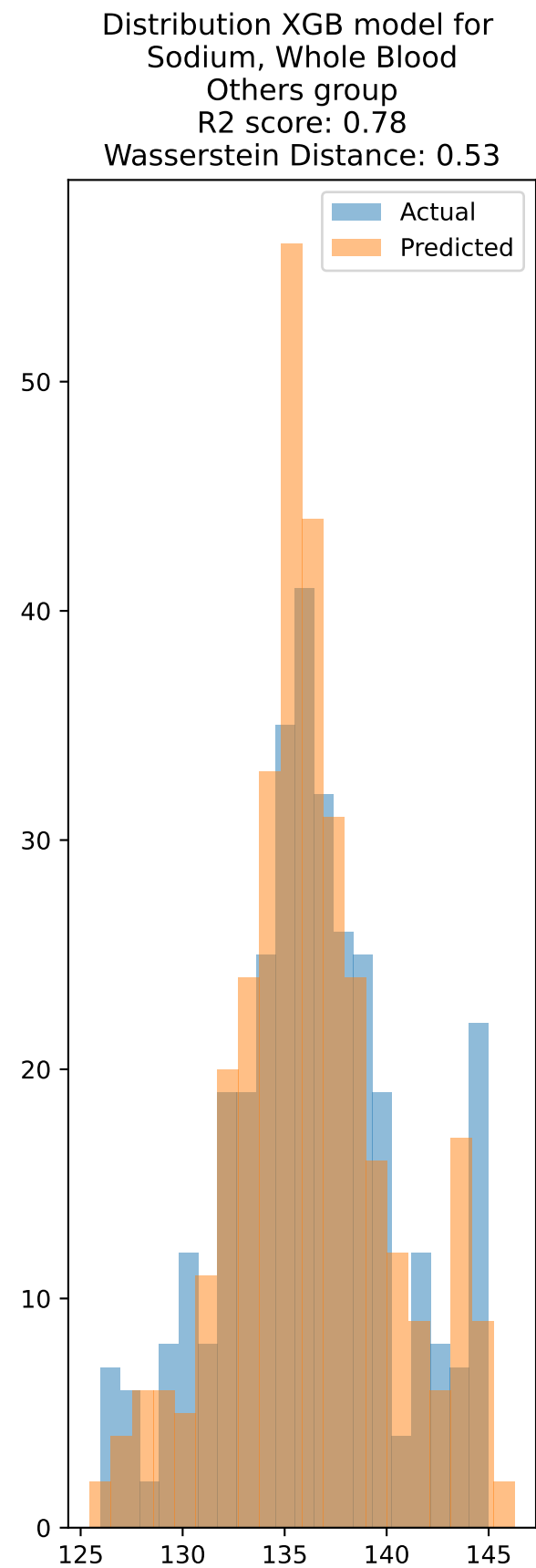
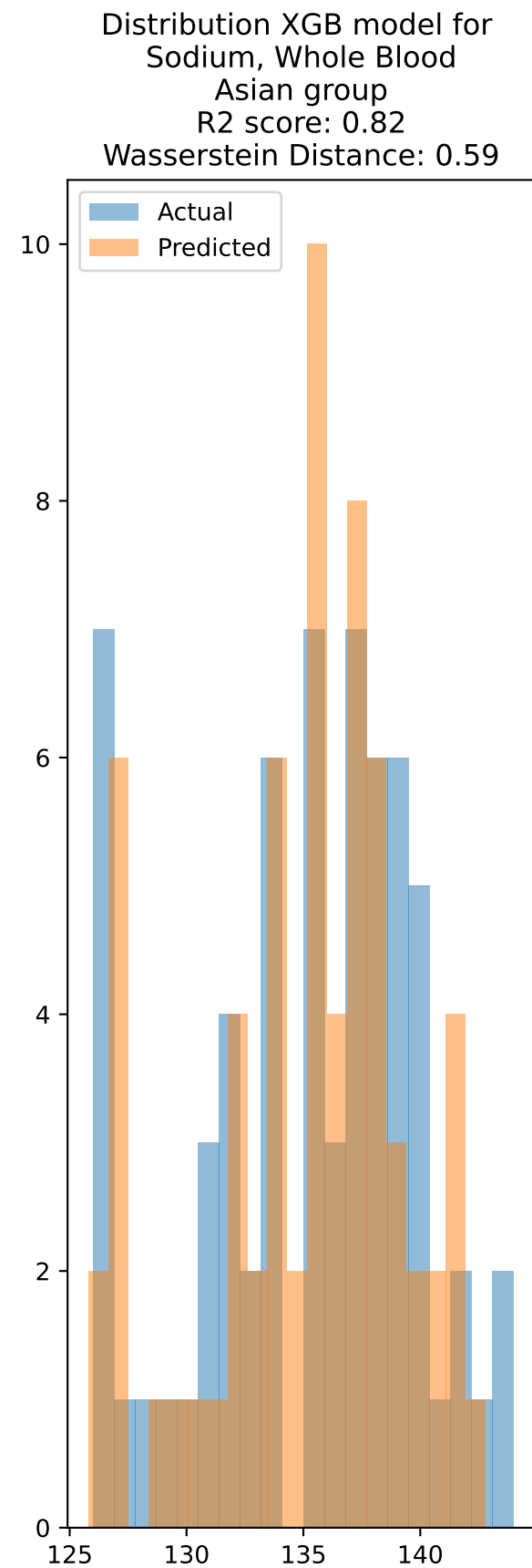
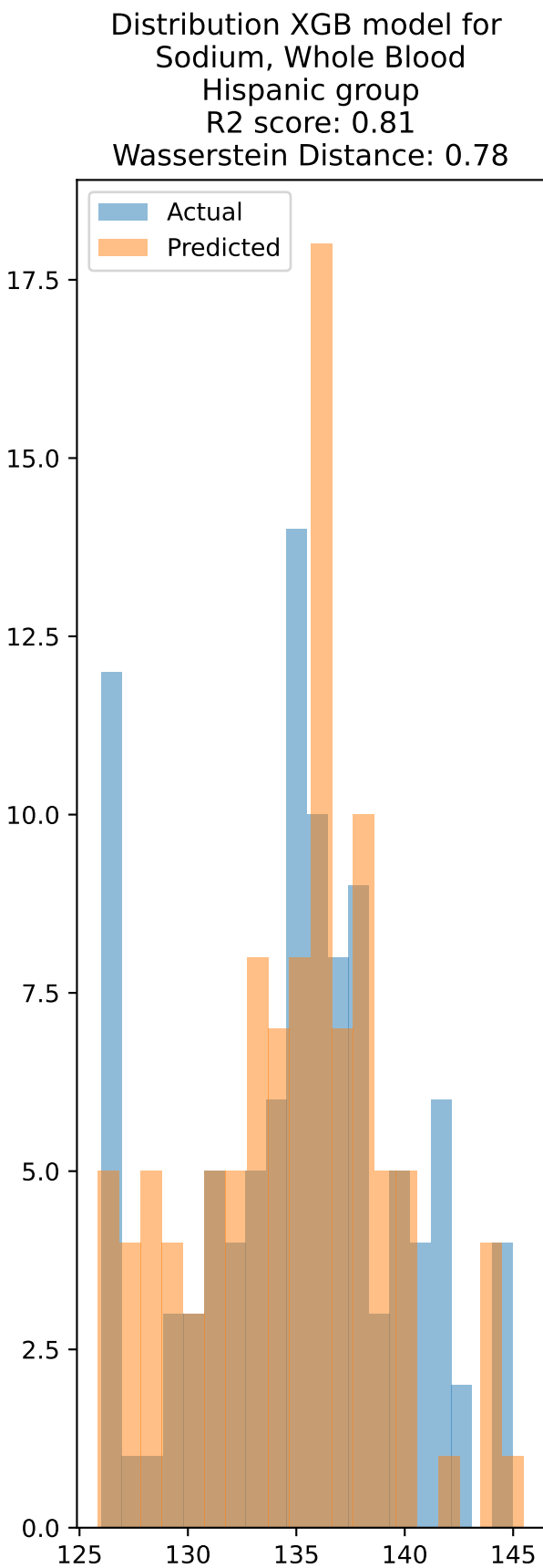
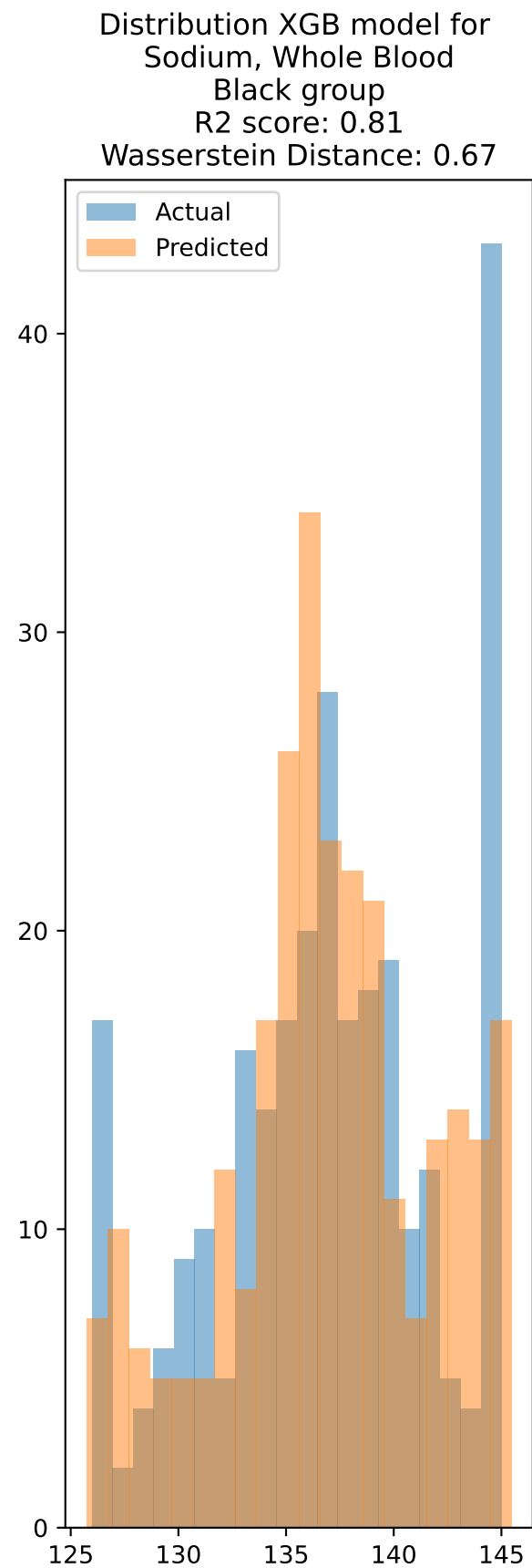
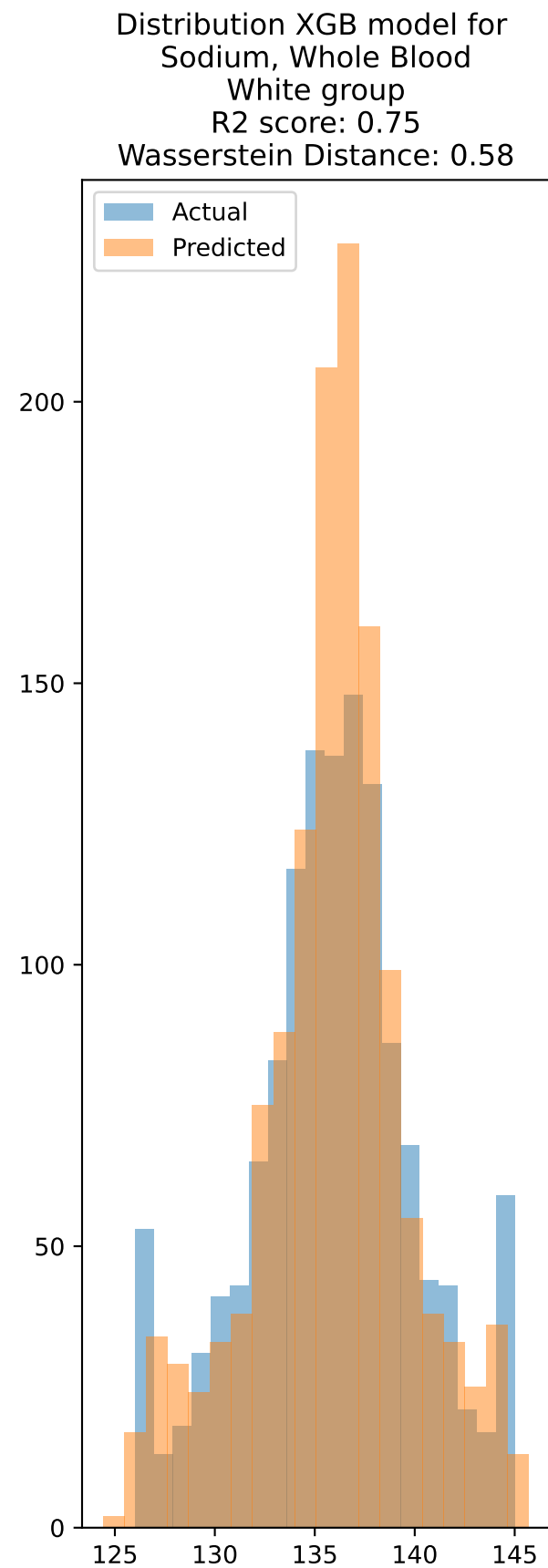


Distribution XGB model for  
Fibrinogen, Functional  
Asian group  
R2 score: 0.72  
Wasserstein Distance: 34.09

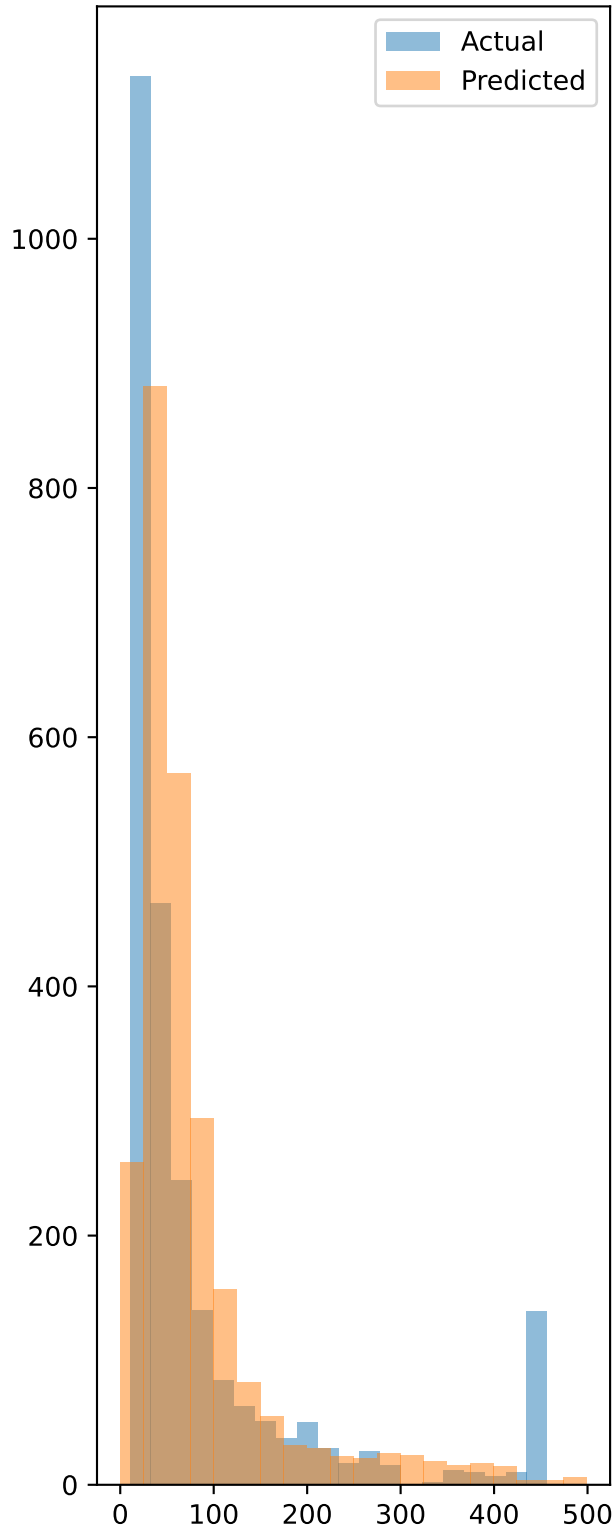


Distribution XGB model for  
Fibrinogen, Functional  
Others group  
R2 score: 0.72  
Wasserstein Distance: 32.68

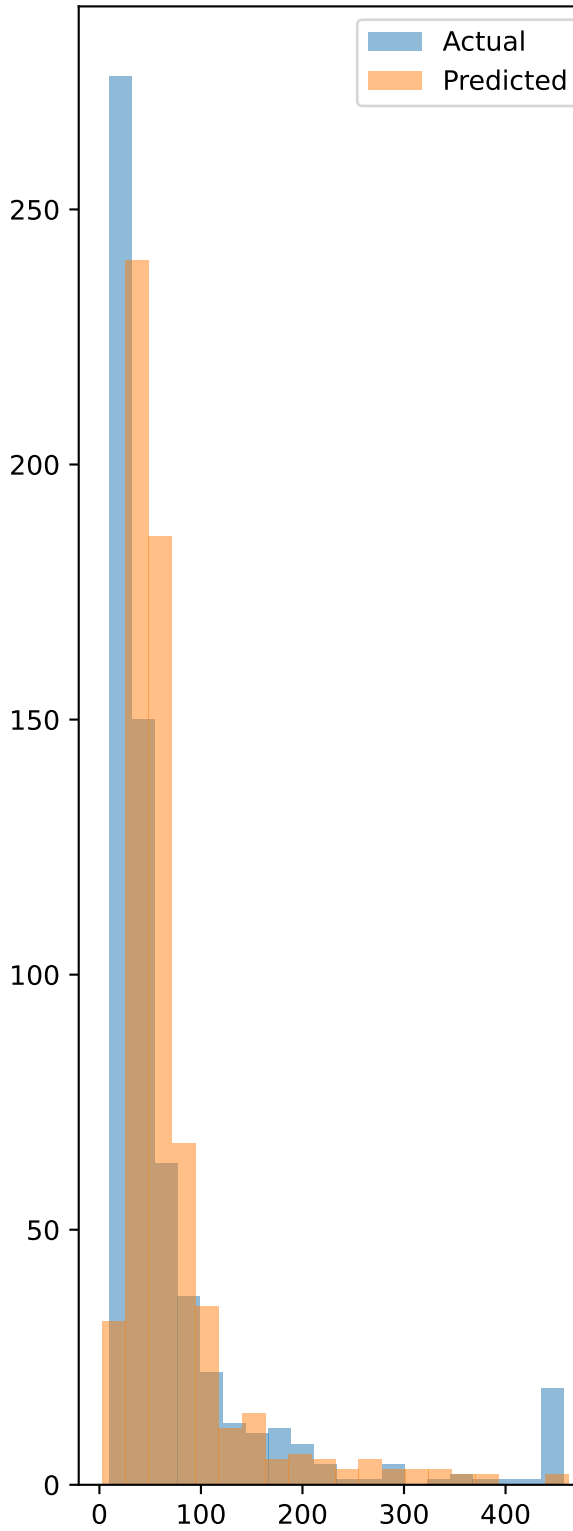




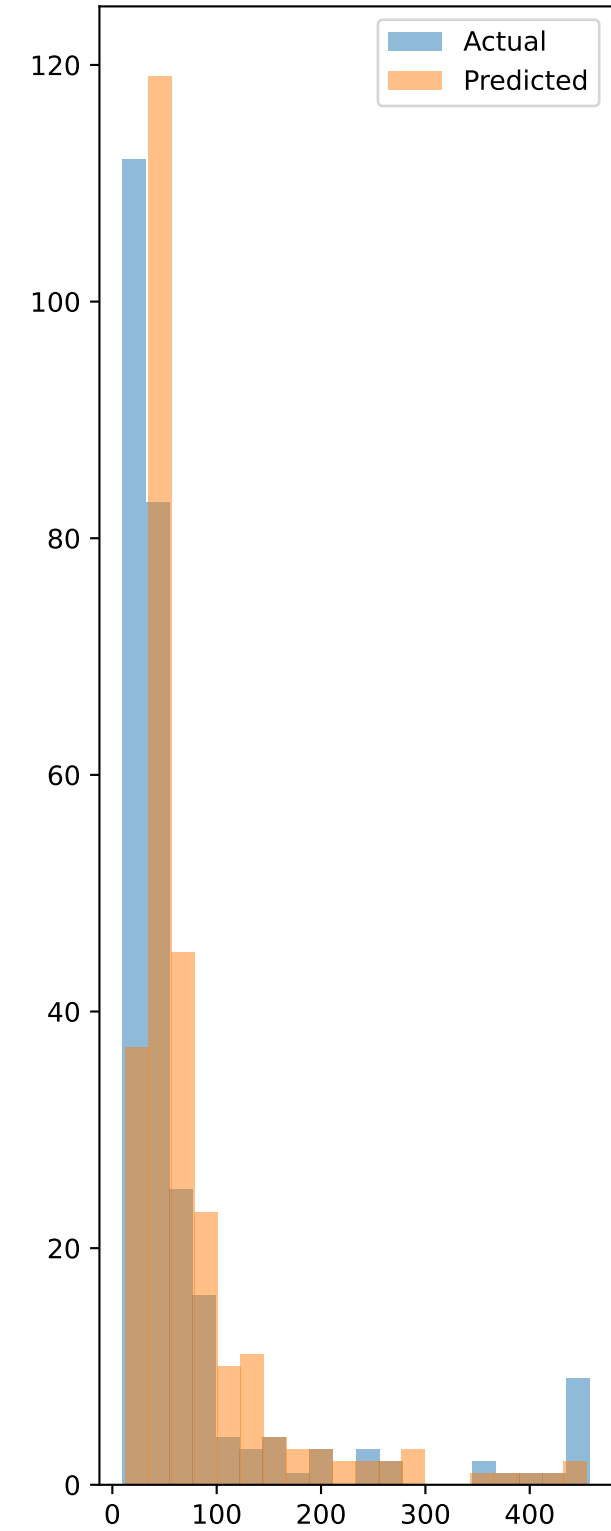
Distribution XGB model for  
Lipase  
White group  
R2 score: 0.57  
Wasserstein Distance: 23.99



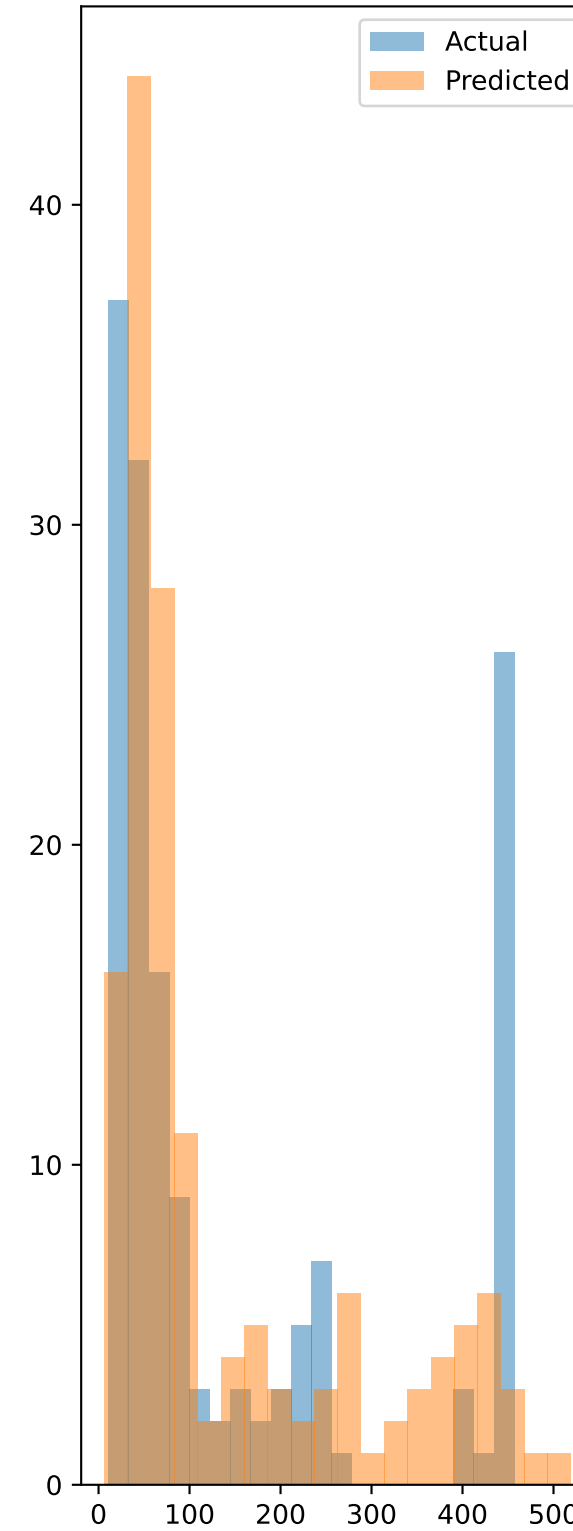
Distribution XGB model for  
Lipase  
Black group  
R2 score: 0.33  
Wasserstein Distance: 20.24



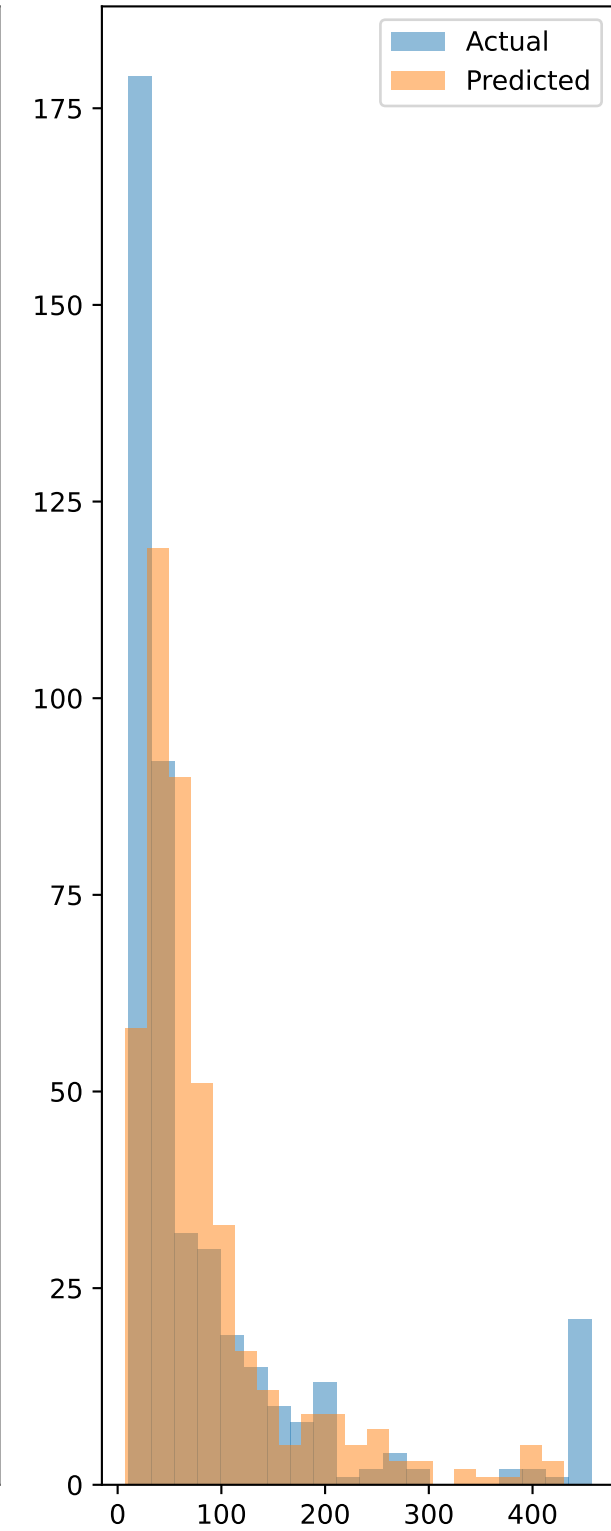
Distribution XGB model for  
Lipase  
Hispanic group  
R2 score: 0.62  
Wasserstein Distance: 21.46



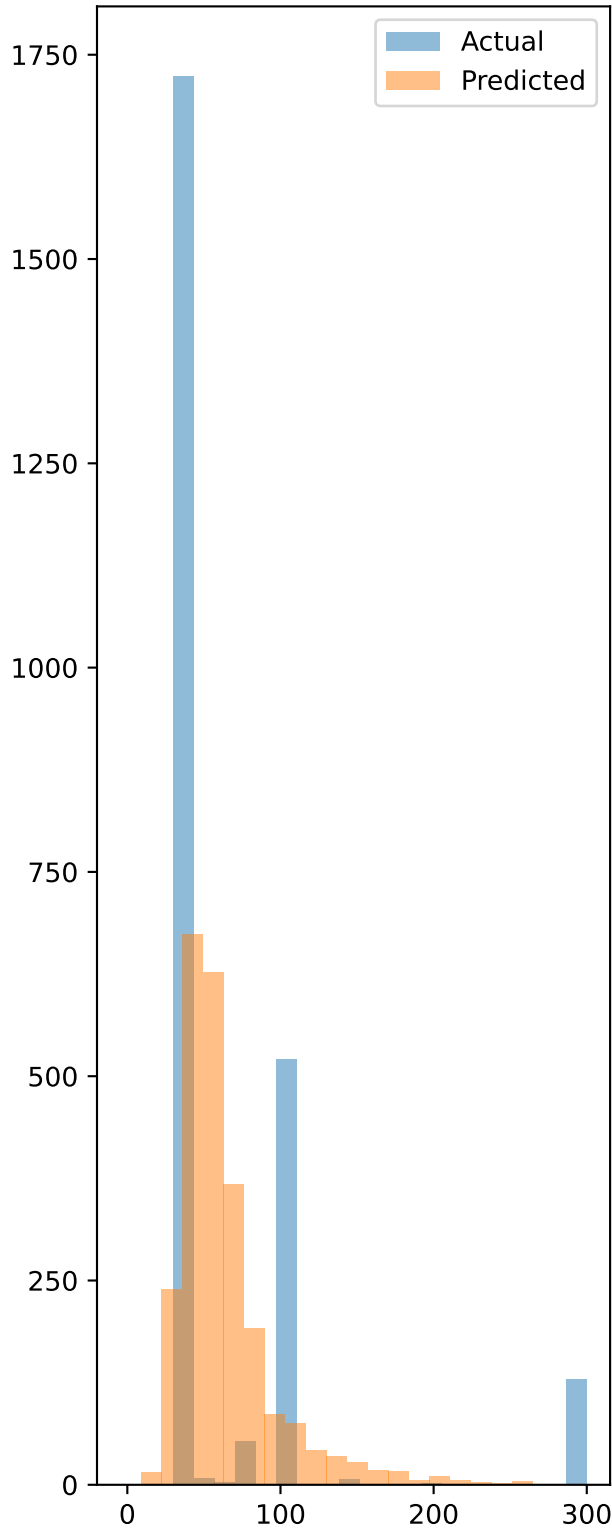
Distribution XGB model for  
Lipase  
Asian group  
R2 score: 0.74  
Wasserstein Distance: 24.81



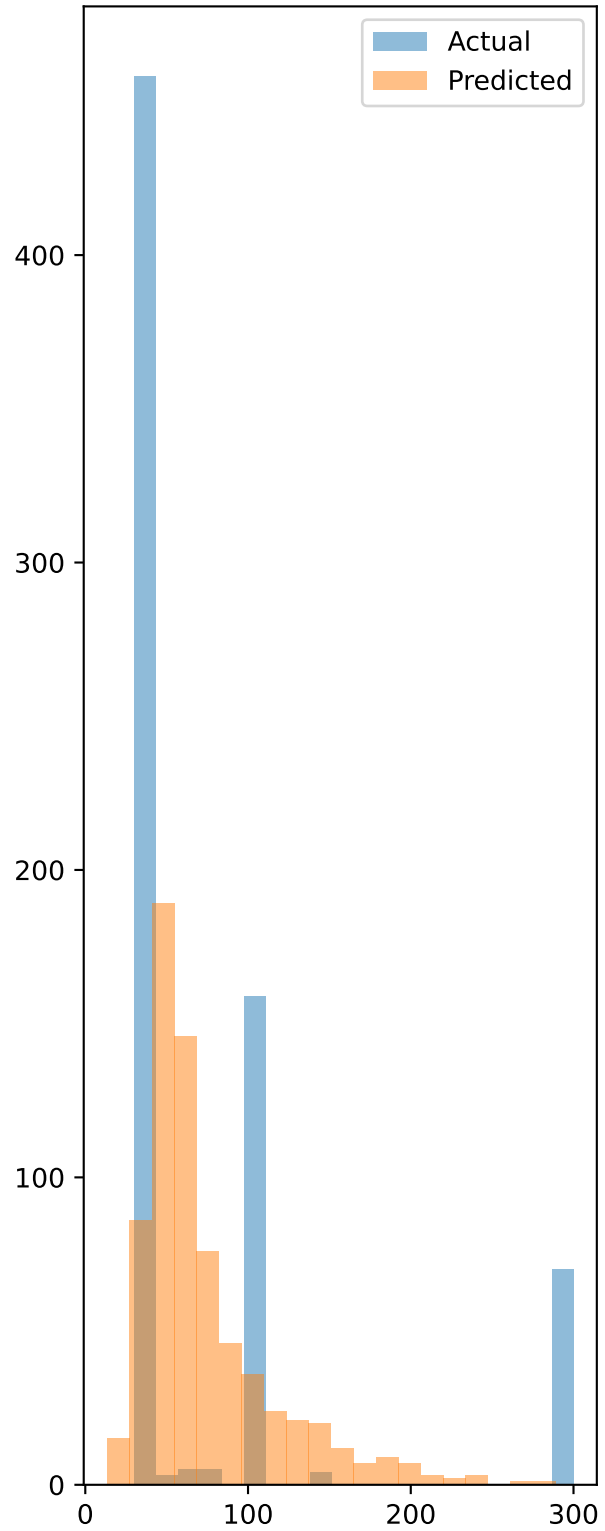
Distribution XGB model for  
Lipase  
Others group  
R2 score: 0.54  
Wasserstein Distance: 20.61



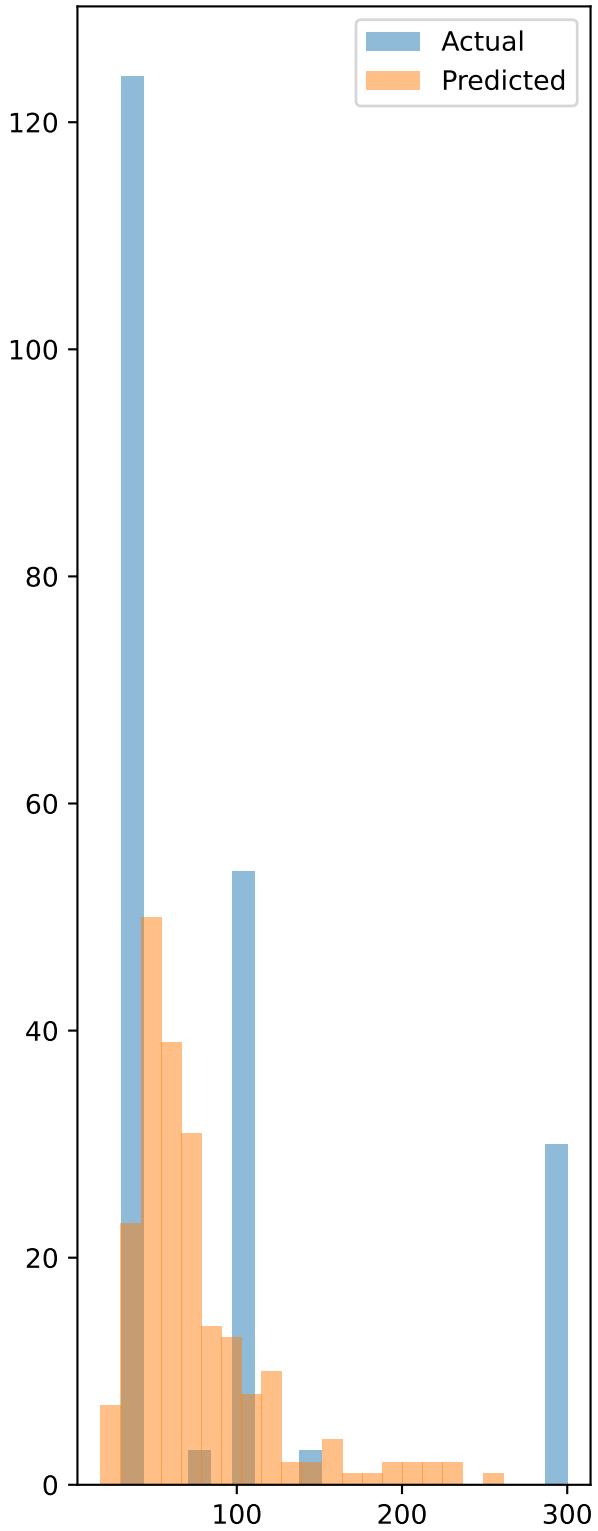
Distribution XGB model for Protein  
White group  
R2 score: 0.24  
Wasserstein Distance: 24.05



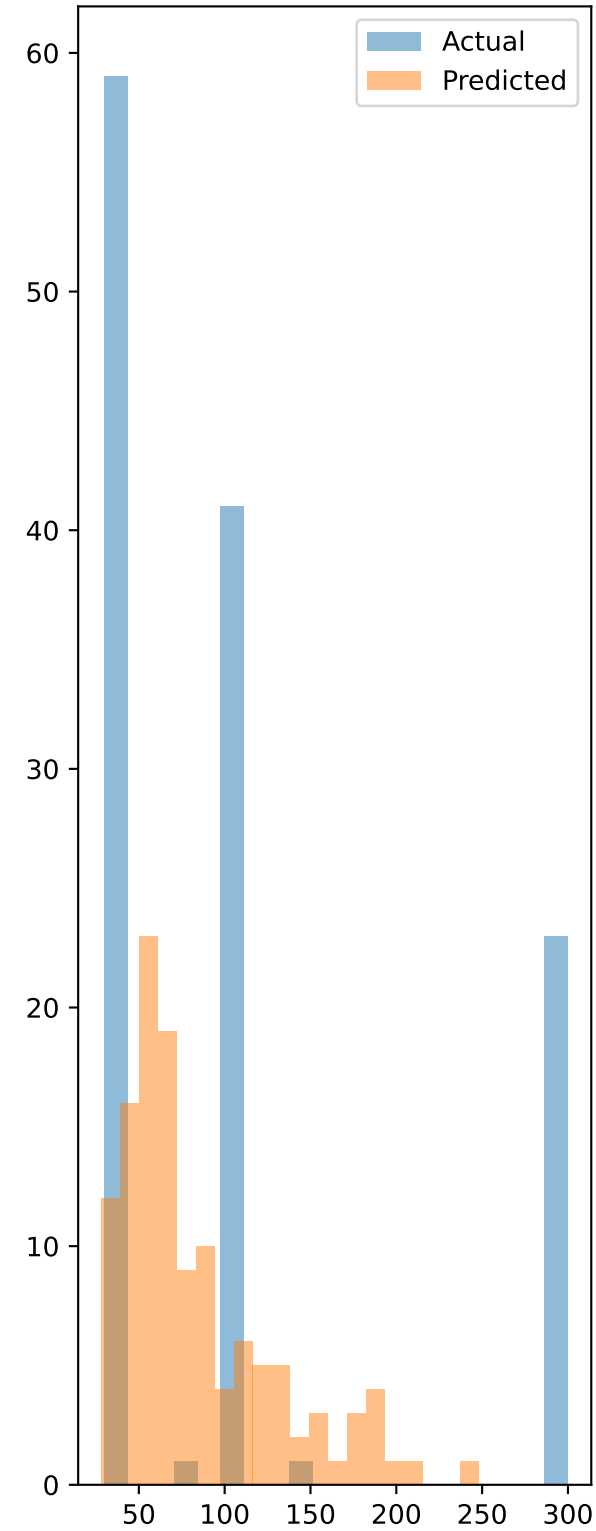
Distribution XGB model for Protein  
Black group  
R2 score: 0.29  
Wasserstein Distance: 29.75



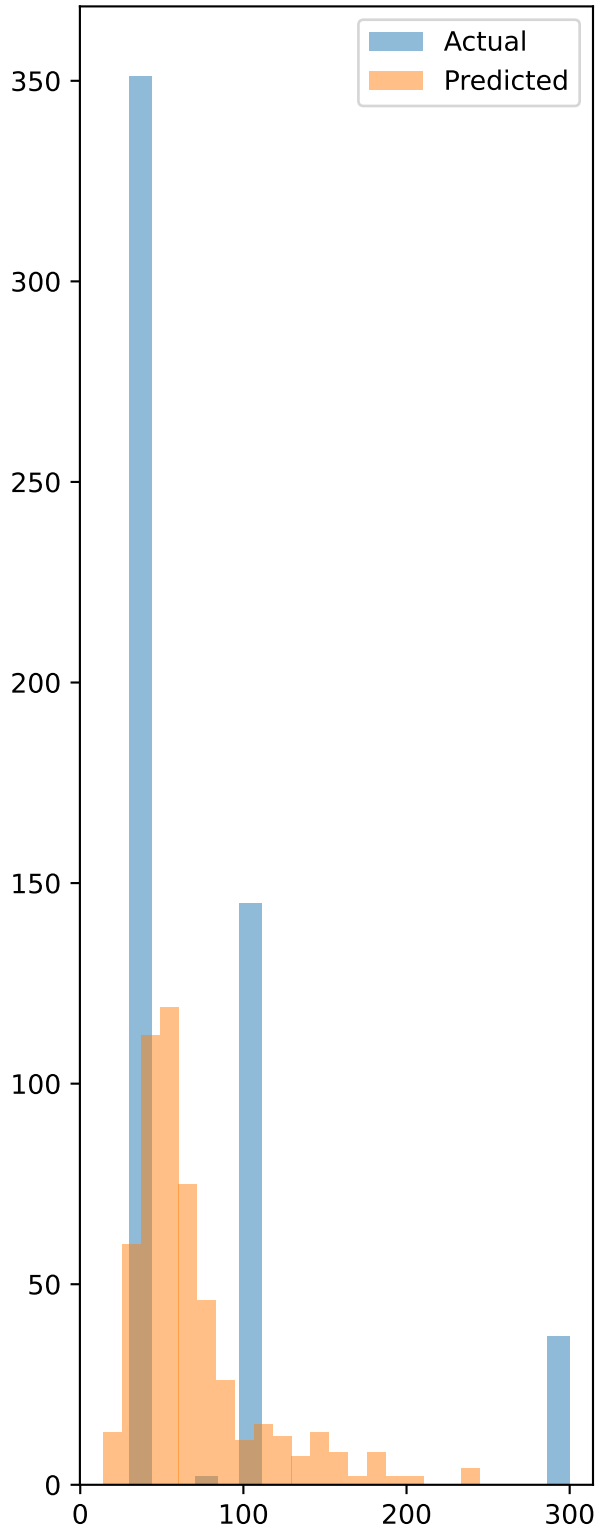
Distribution XGB model for Protein  
Hispanic group  
R2 score: 0.34  
Wasserstein Distance: 35.97



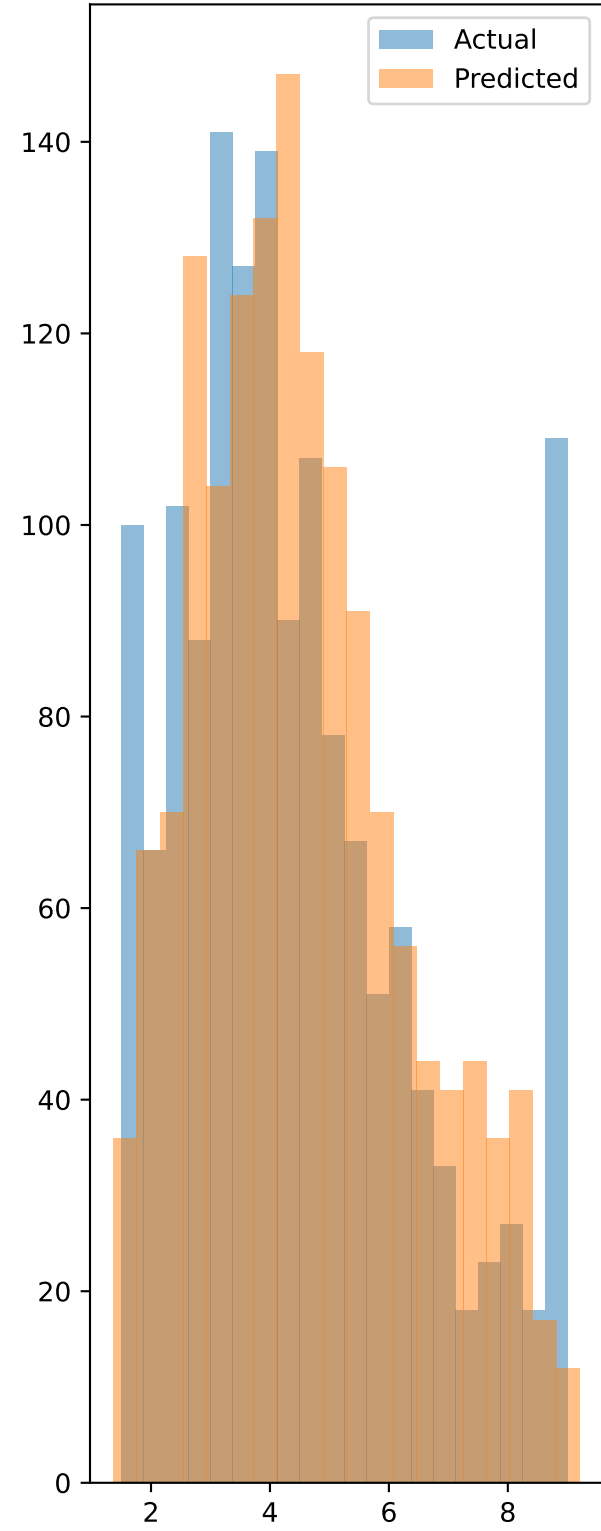
Distribution XGB model for Protein  
Asian group  
R2 score: 0.25  
Wasserstein Distance: 40.39



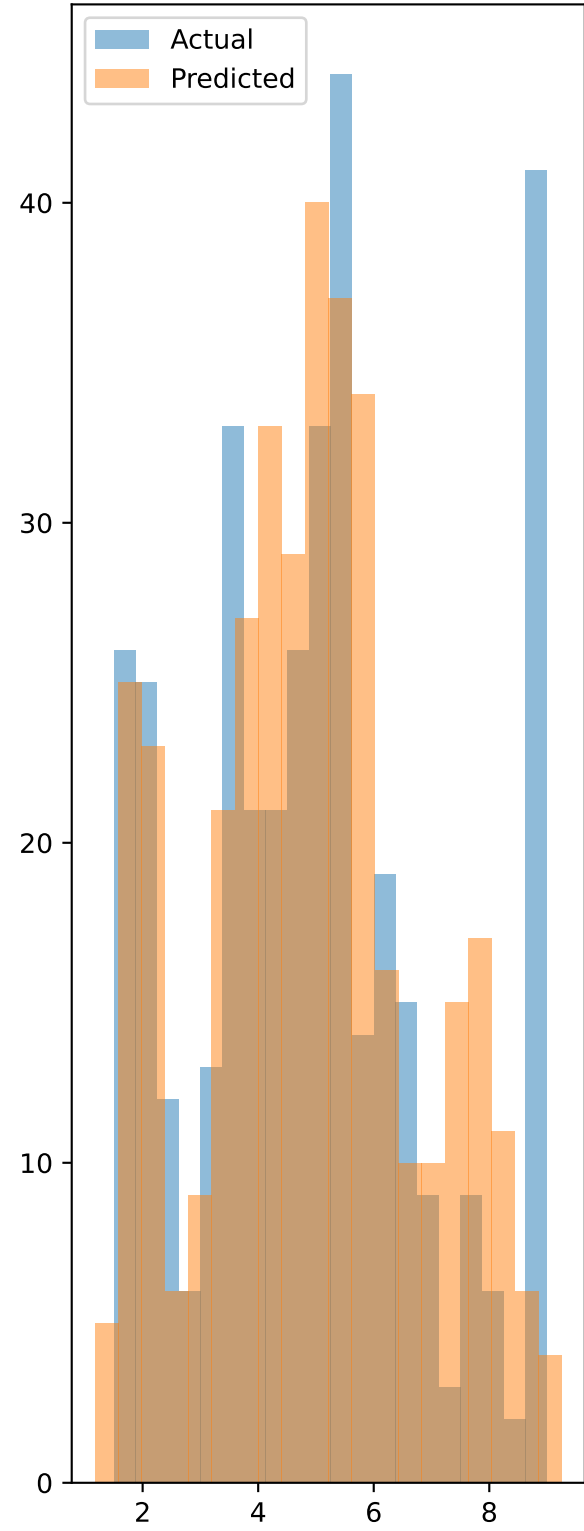
Distribution XGB model for Protein  
Others group  
R2 score: 0.31  
Wasserstein Distance: 26.03



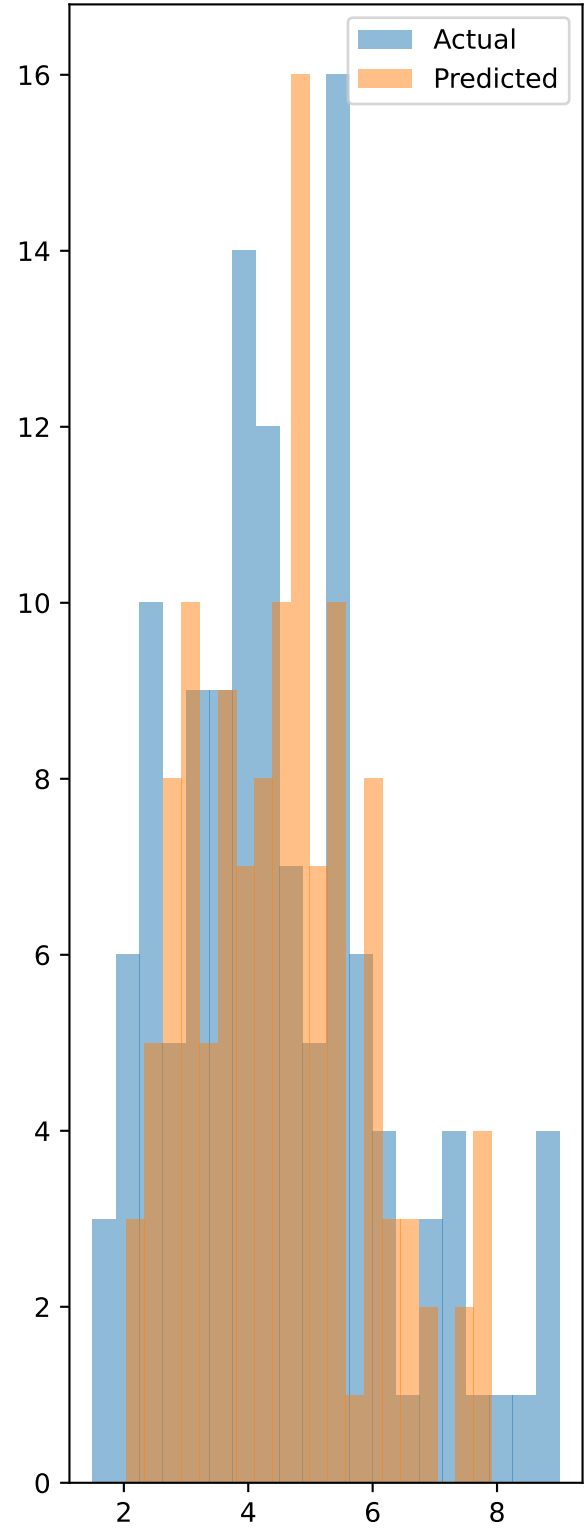
Distribution XGB model for  
Uric Acid  
White group  
R2 score: 0.71  
Wasserstein Distance: 0.27



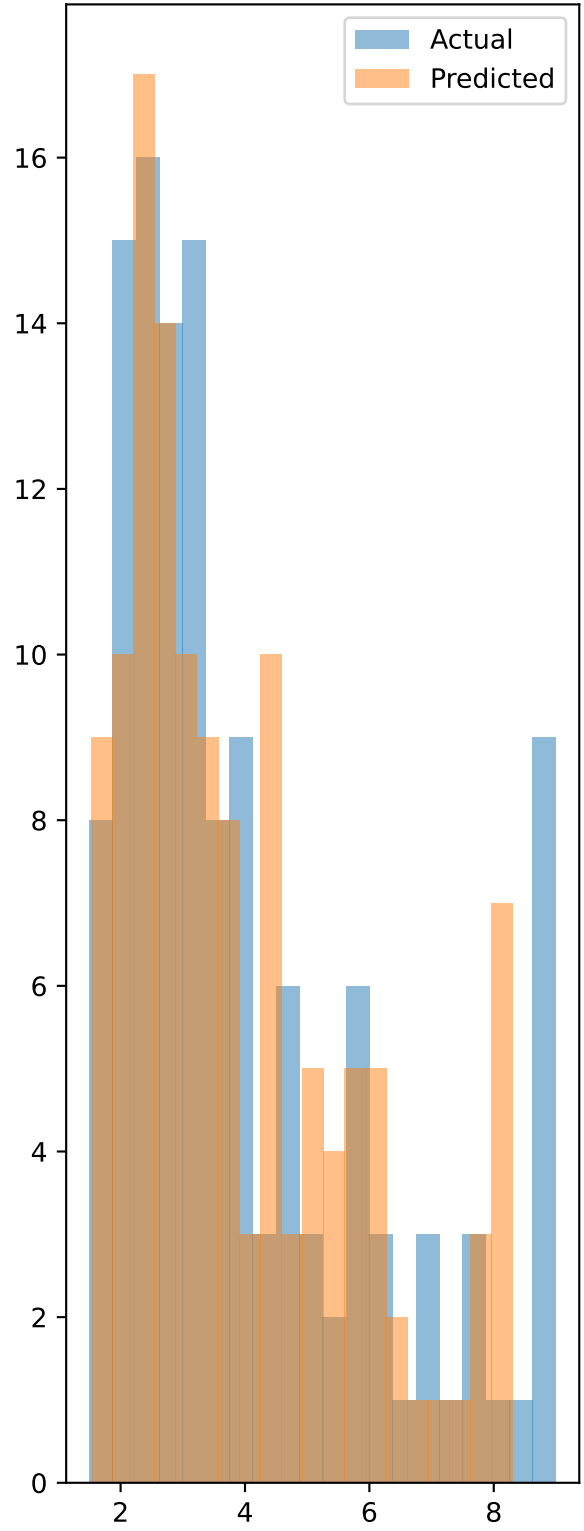
Distribution XGB model for  
Uric Acid  
Black group  
R2 score: 0.79  
Wasserstein Distance: 0.21



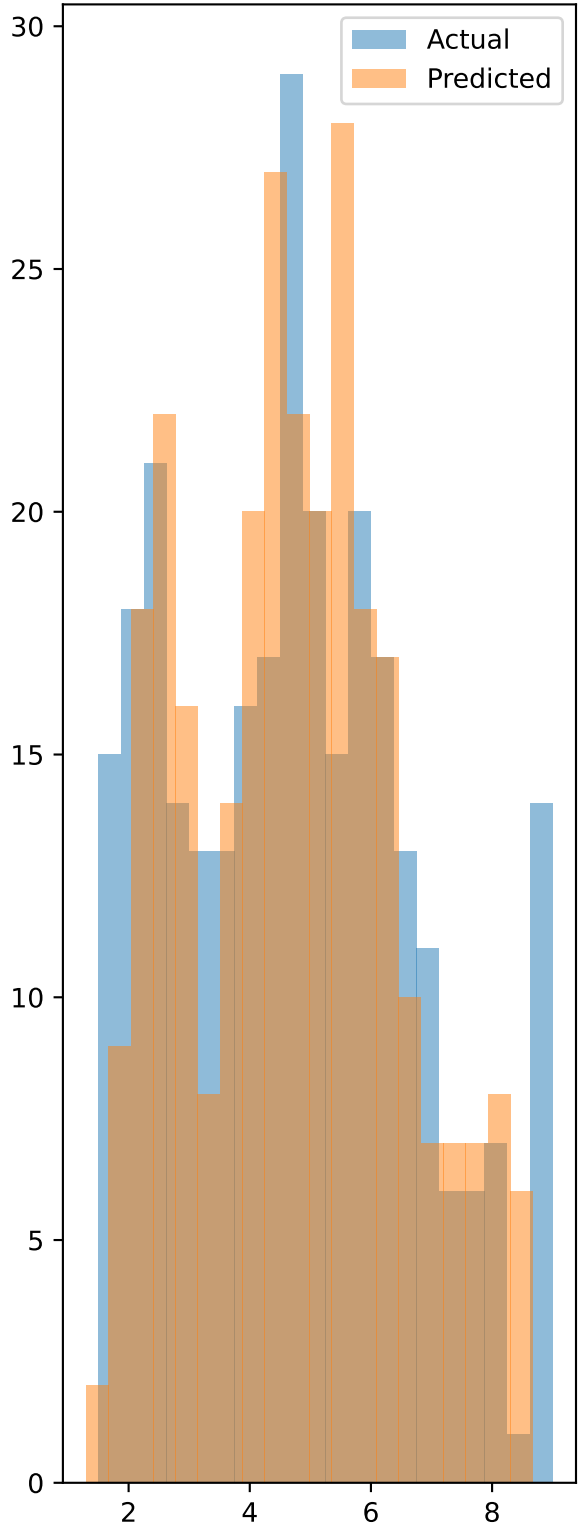
Distribution XGB model for  
Uric Acid  
Hispanic group  
R2 score: 0.71  
Wasserstein Distance: 0.32

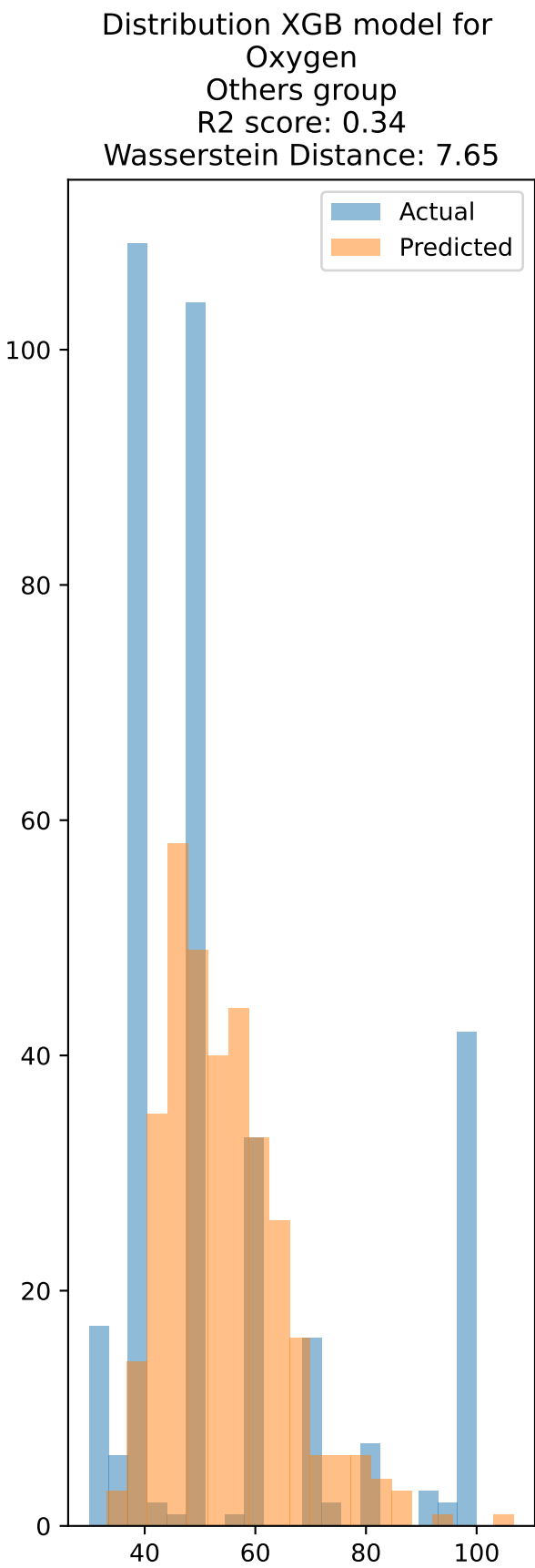
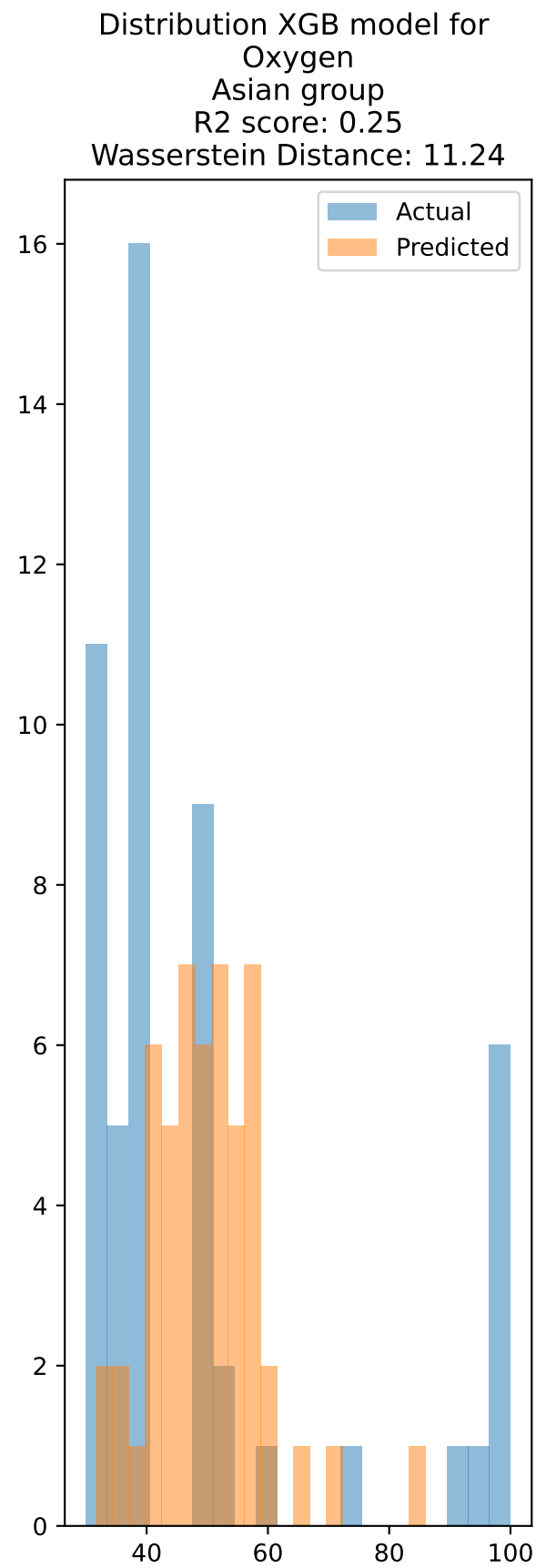
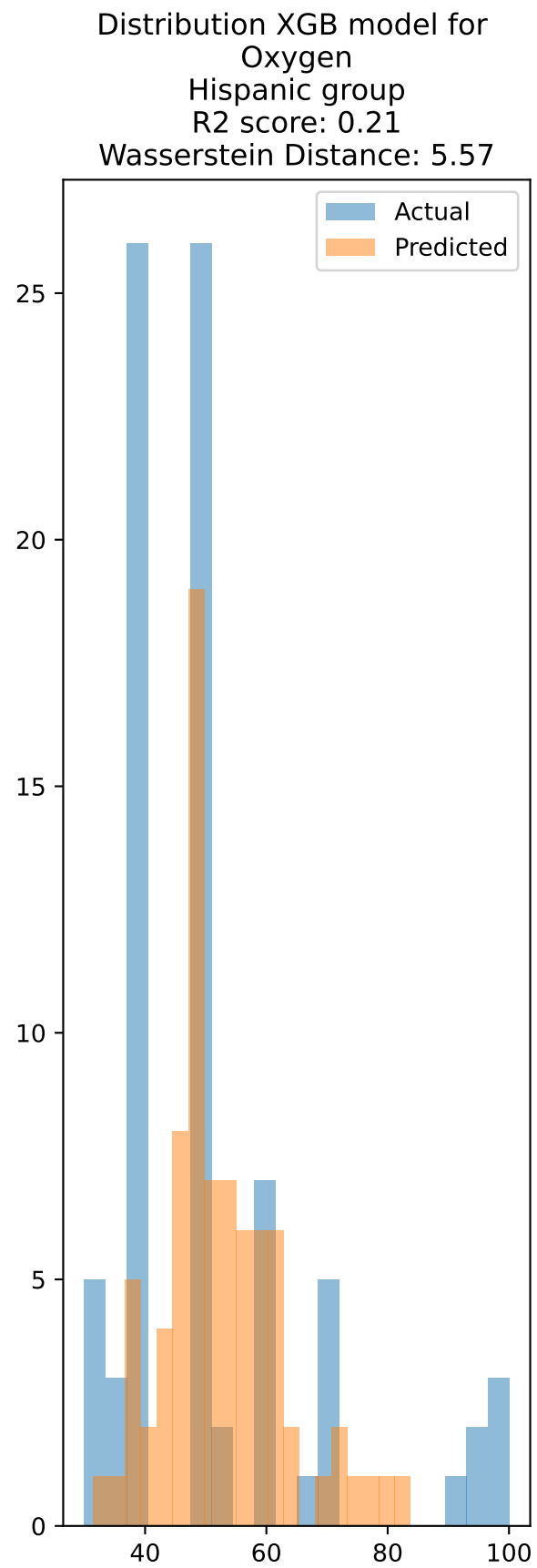
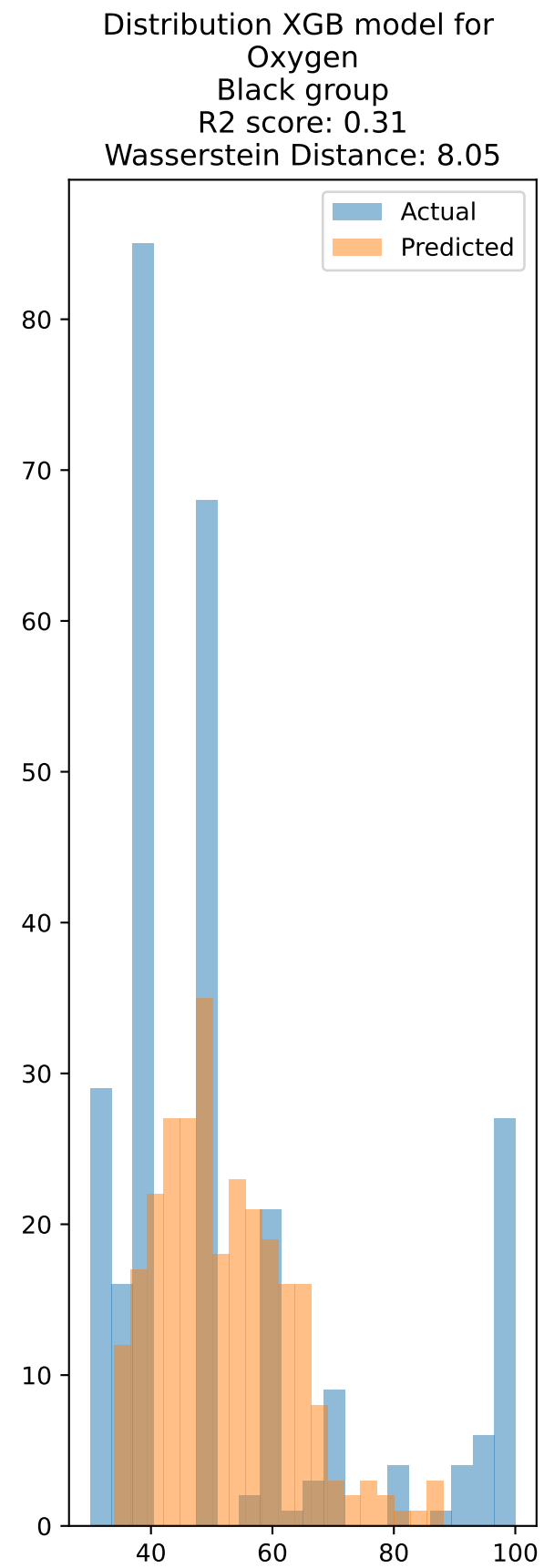
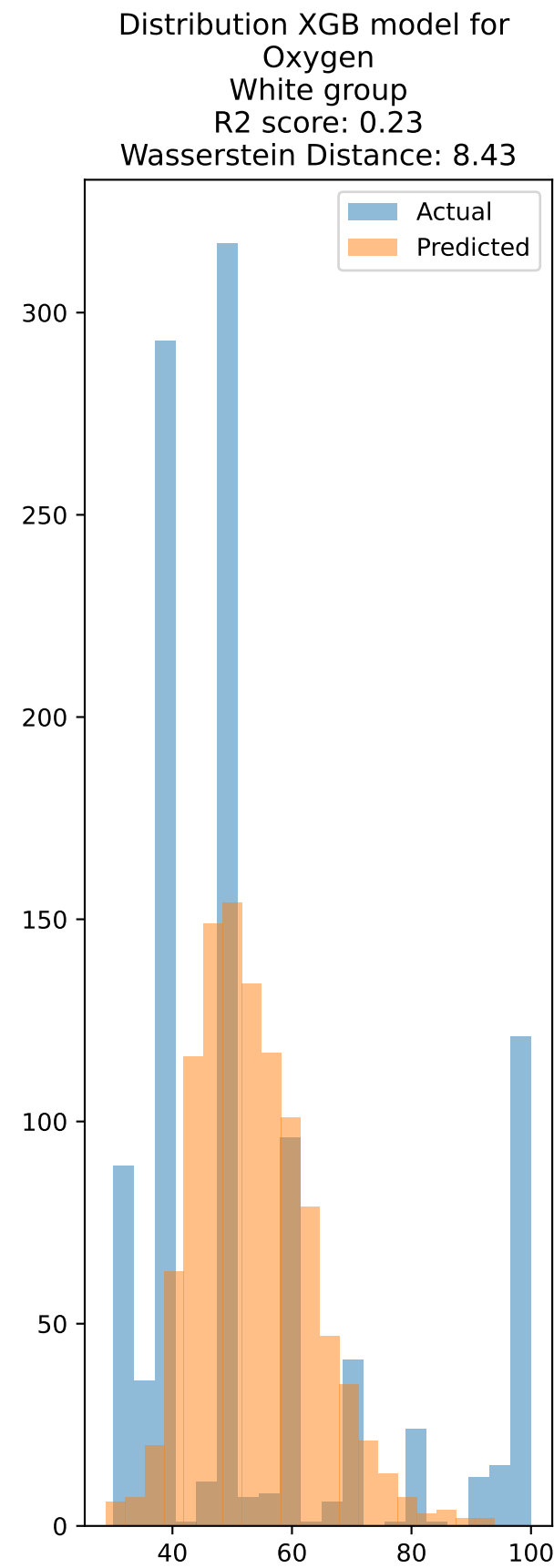


Distribution XGB model for  
Uric Acid  
Asian group  
R2 score: 0.75  
Wasserstein Distance: 0.21

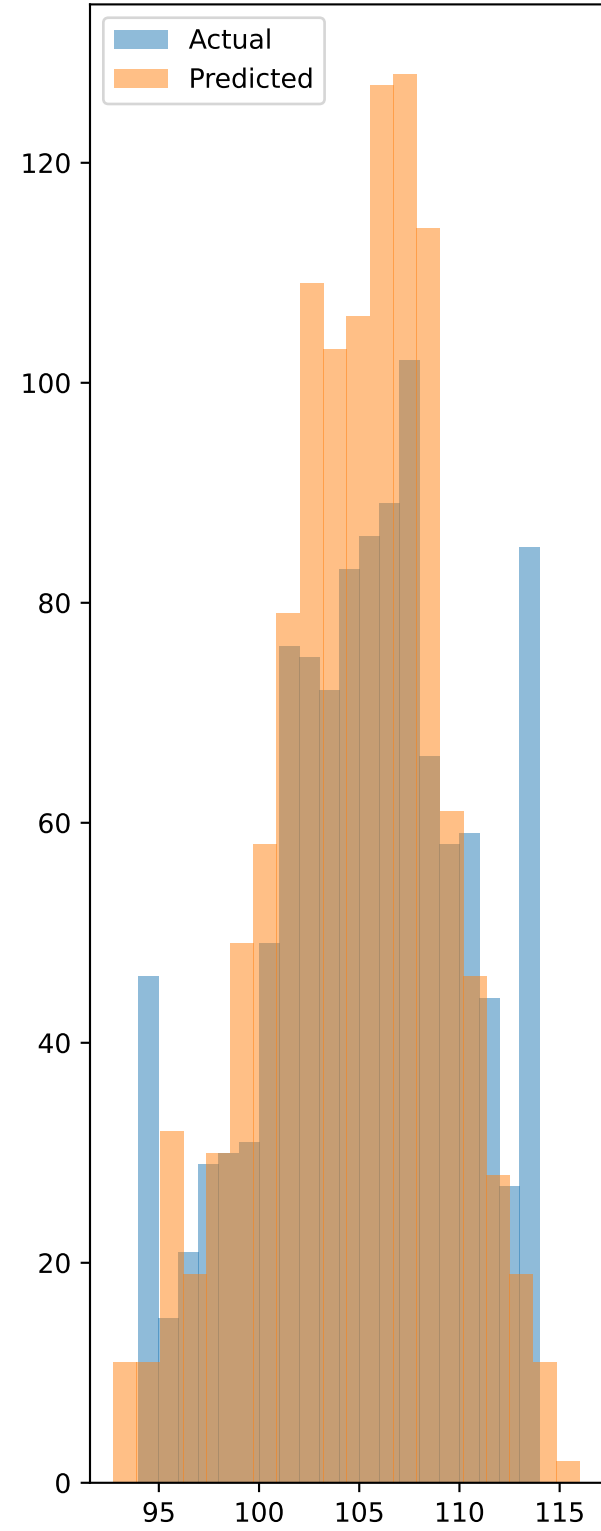


Distribution XGB model for  
Uric Acid  
Others group  
R2 score: 0.67  
Wasserstein Distance: 0.21

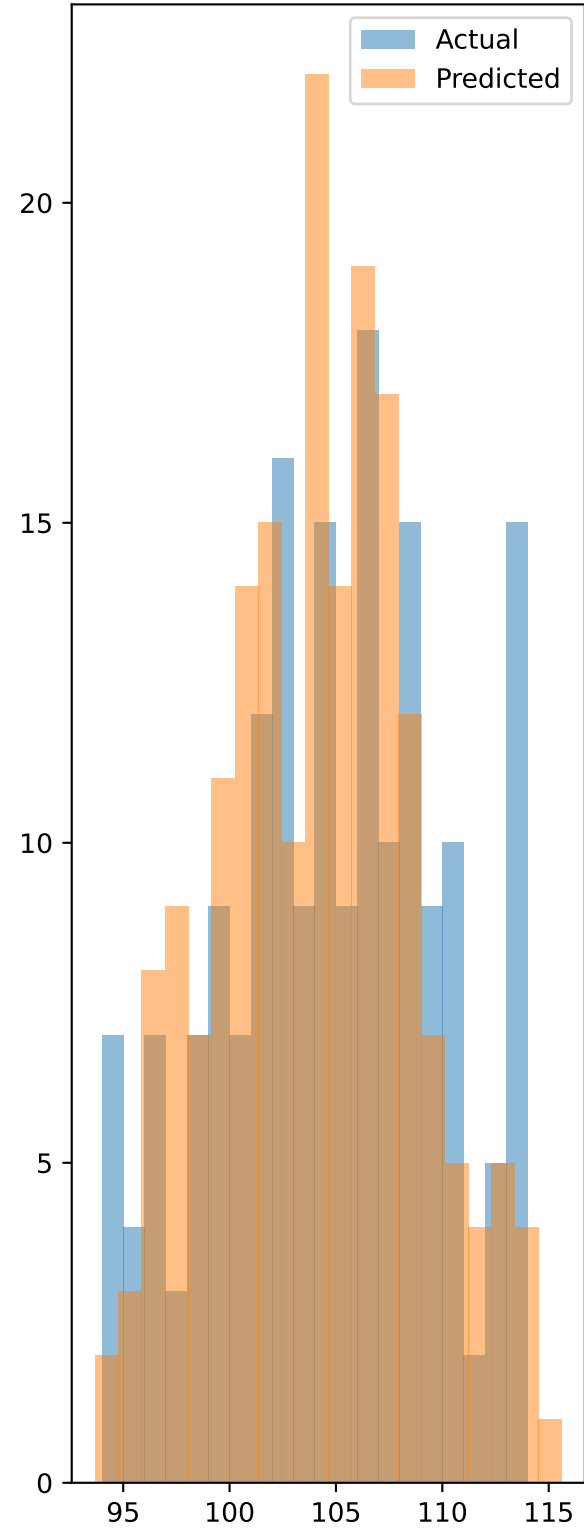




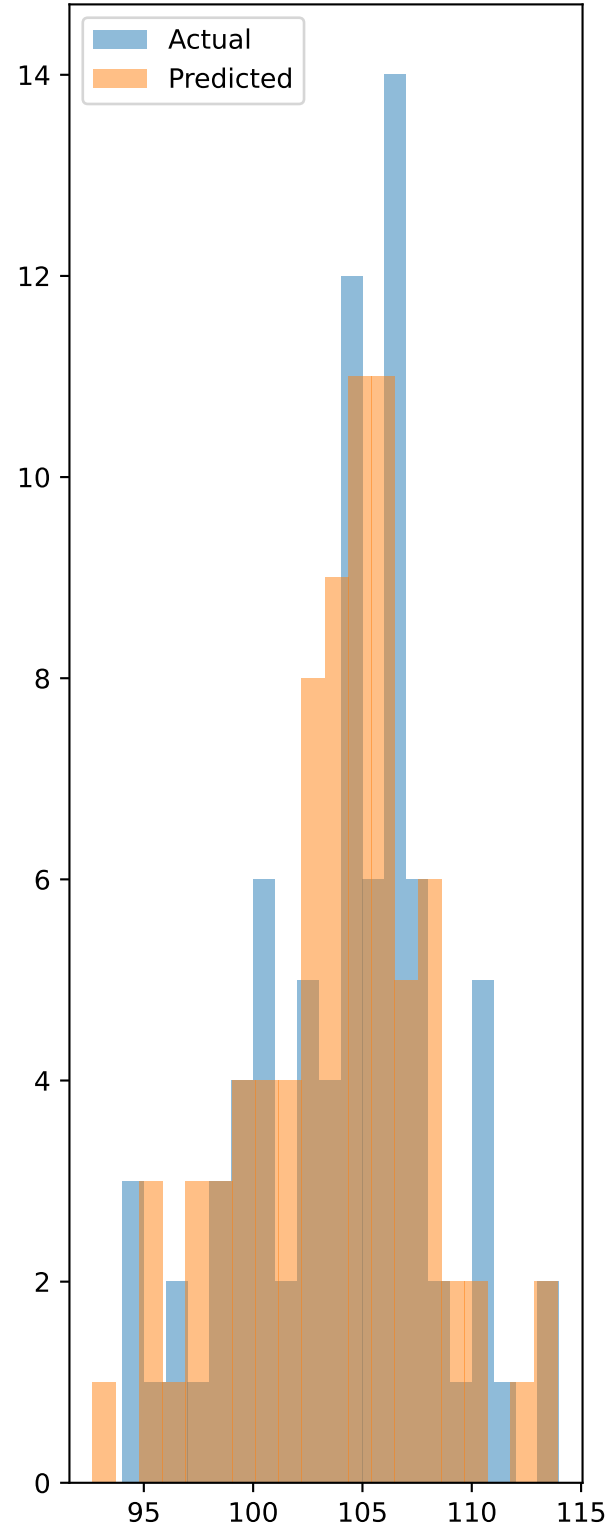
Distribution XGB model for  
Chloride, Whole Blood  
White group  
R2 score: 0.77  
Wasserstein Distance: 0.69



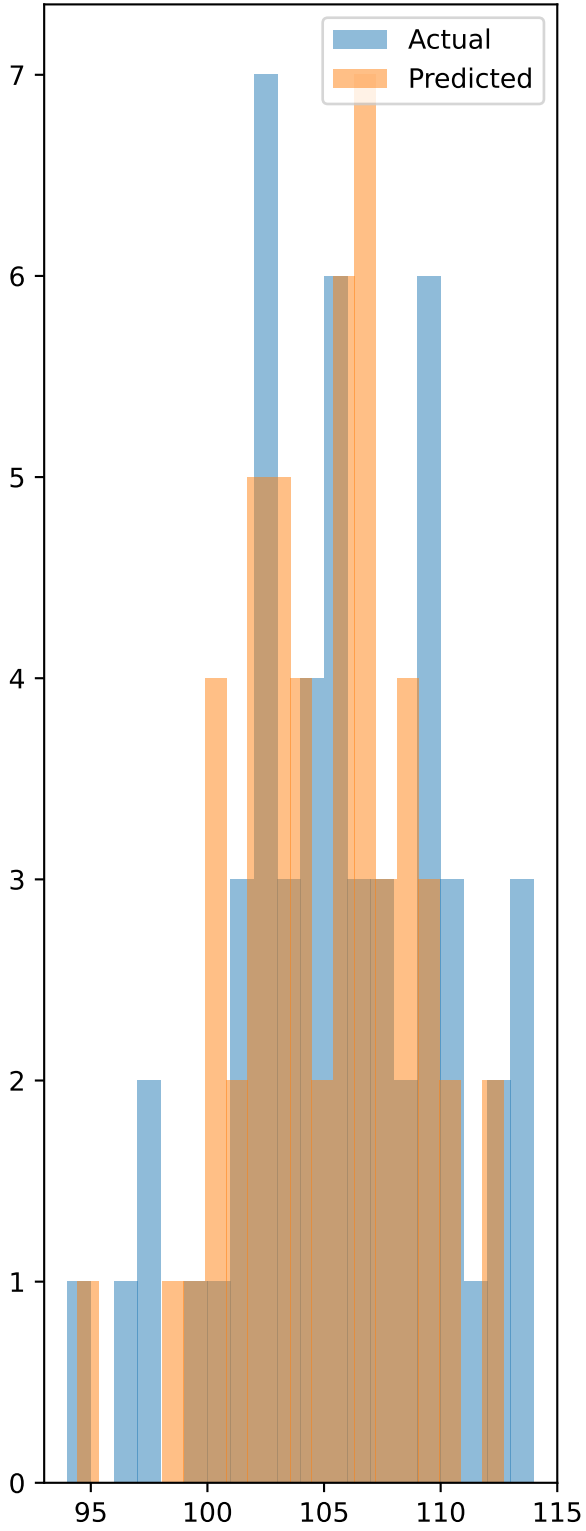
Distribution XGB model for  
Chloride, Whole Blood  
Black group  
R2 score: 0.77  
Wasserstein Distance: 0.65



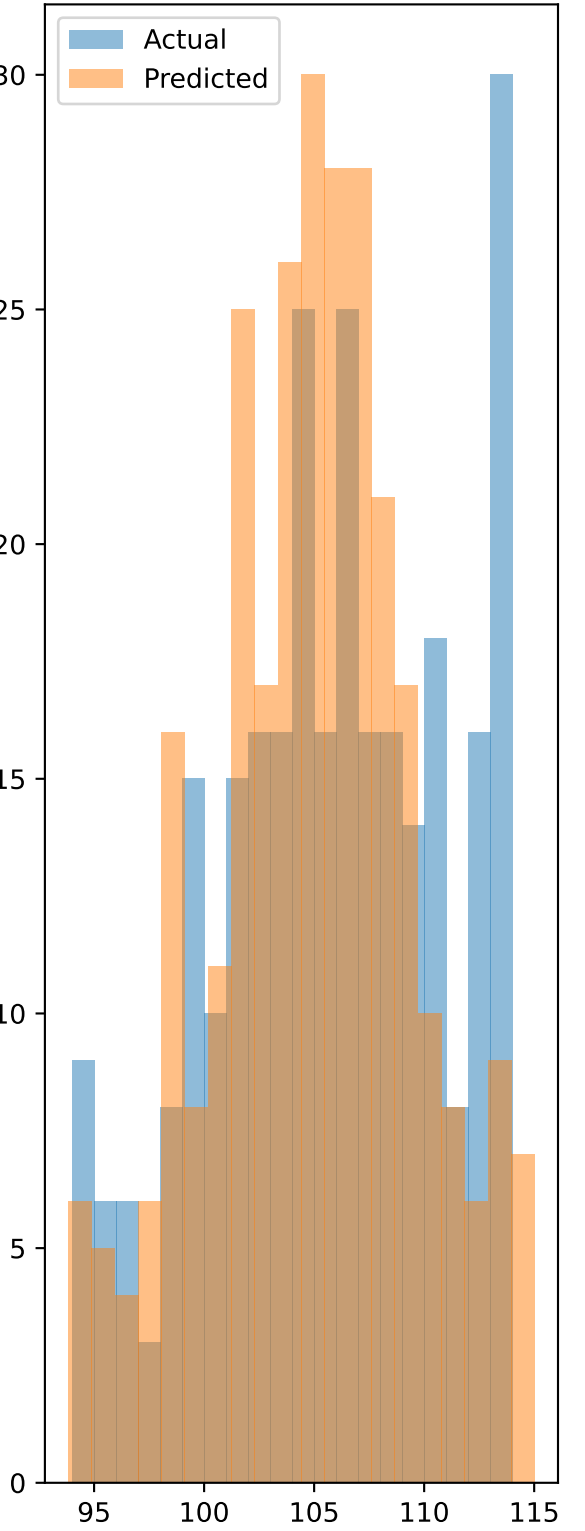
Distribution XGB model for  
Chloride, Whole Blood  
Hispanic group  
R2 score: 0.72  
Wasserstein Distance: 0.47



Distribution XGB model for  
Chloride, Whole Blood  
Asian group  
R2 score: 0.63  
Wasserstein Distance: 0.86

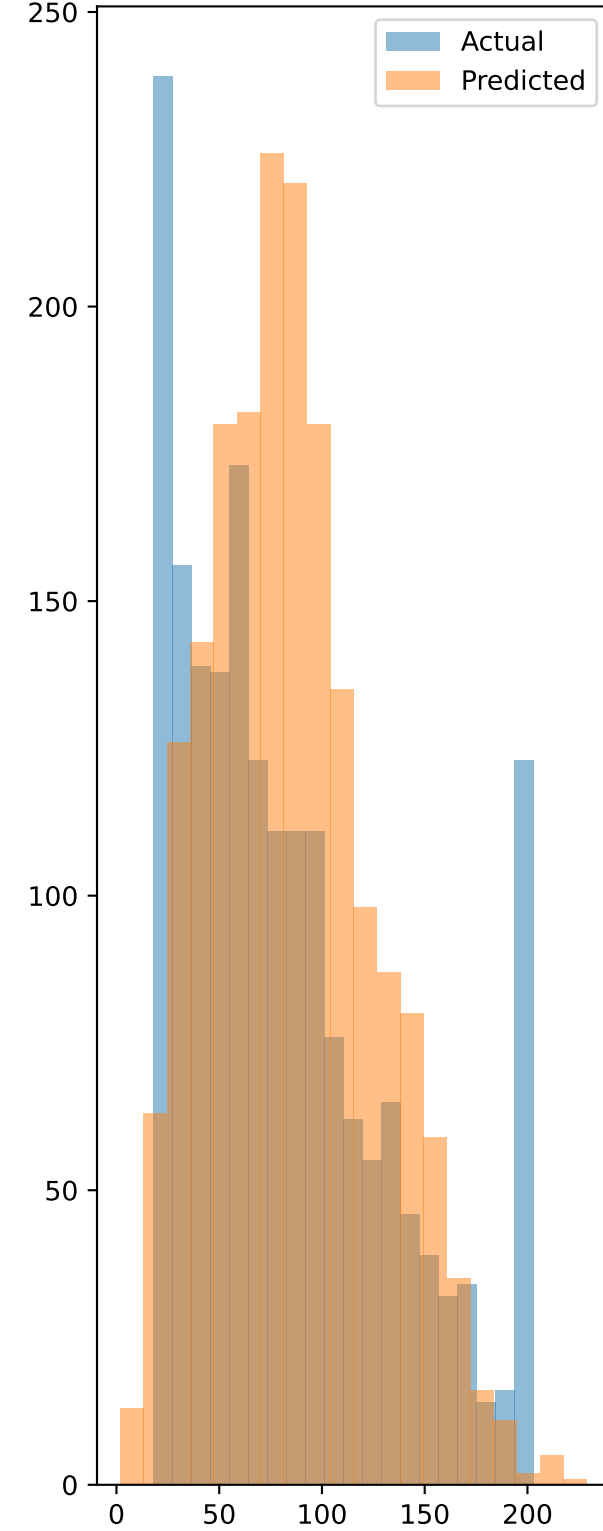


Distribution XGB model for  
Chloride, Whole Blood  
Others group  
R2 score: 0.80  
Wasserstein Distance: 0.84

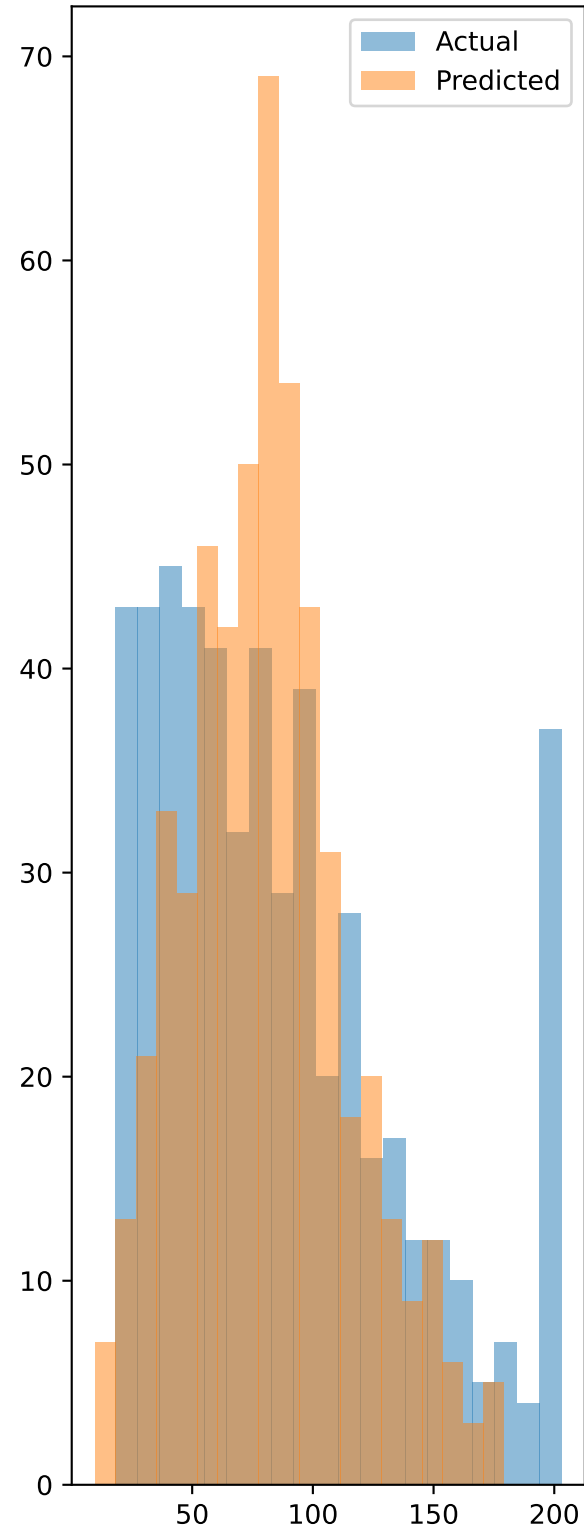




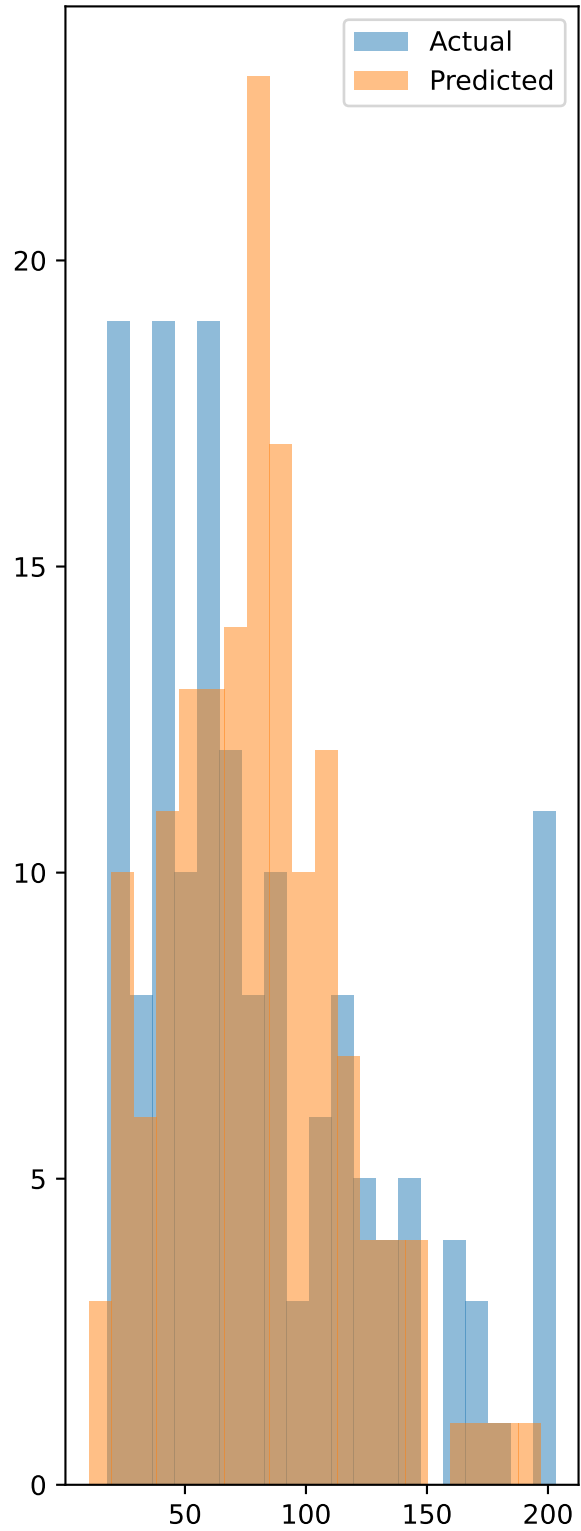
Distribution XGB model for  
Creatinine, Urine  
White group  
R2 score: 0.63  
Wasserstein Distance: 12.29



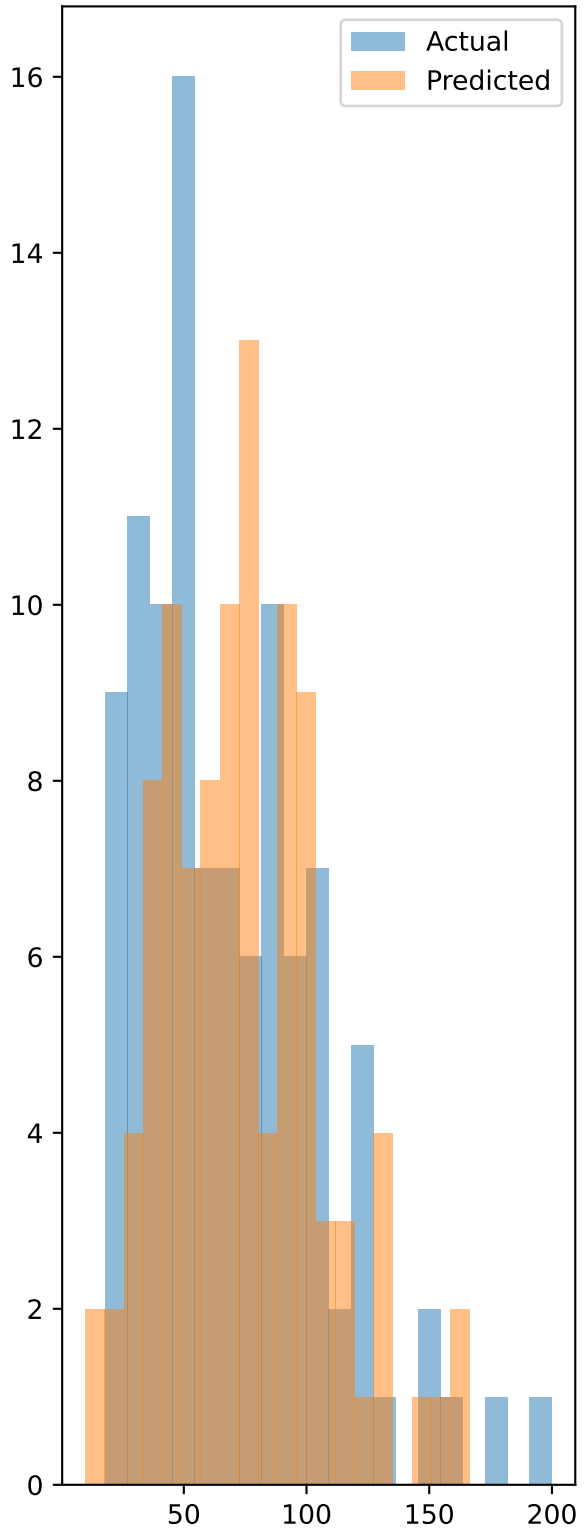
Distribution XGB model for  
Creatinine, Urine  
Black group  
R2 score: 0.53  
Wasserstein Distance: 15.06



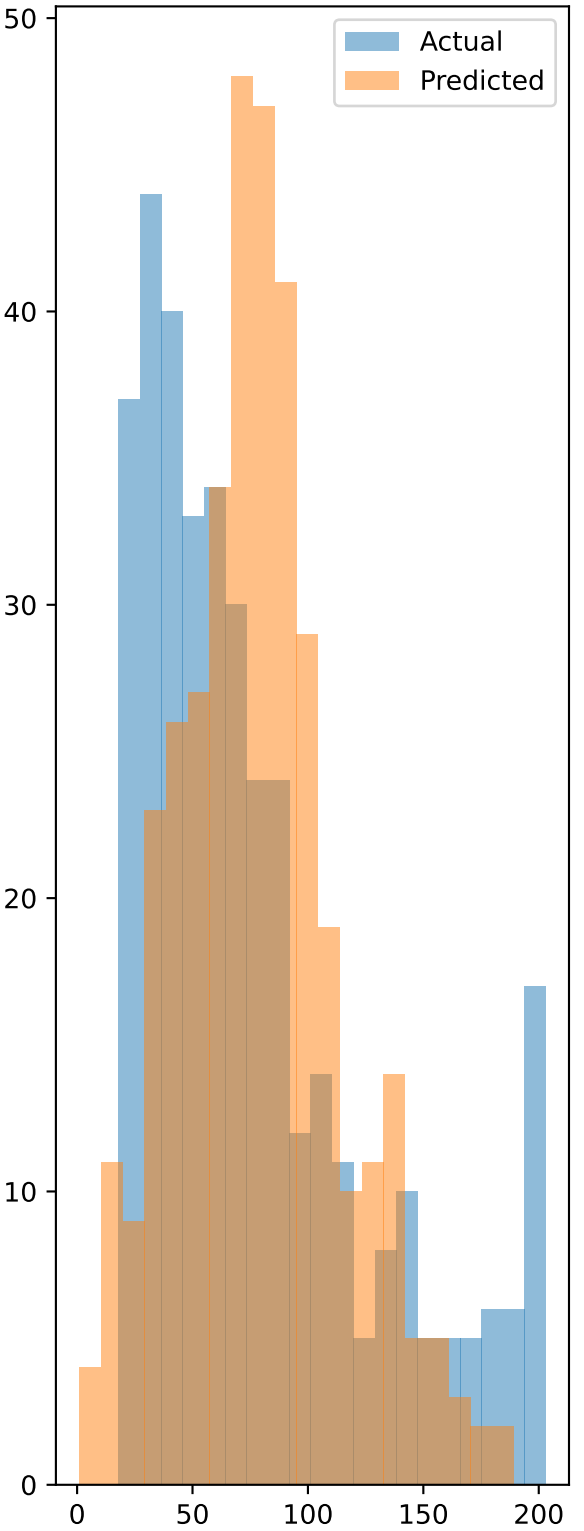
Distribution XGB model for  
Creatinine, Urine  
Hispanic group  
R2 score: 0.54  
Wasserstein Distance: 15.61

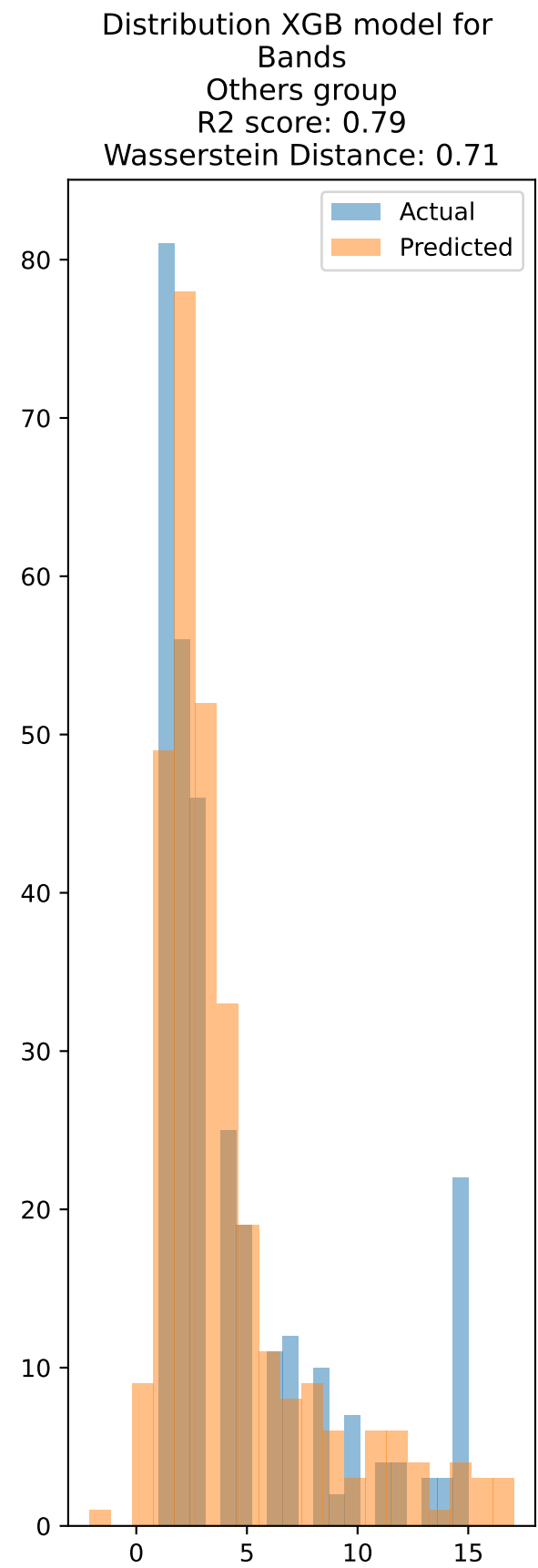
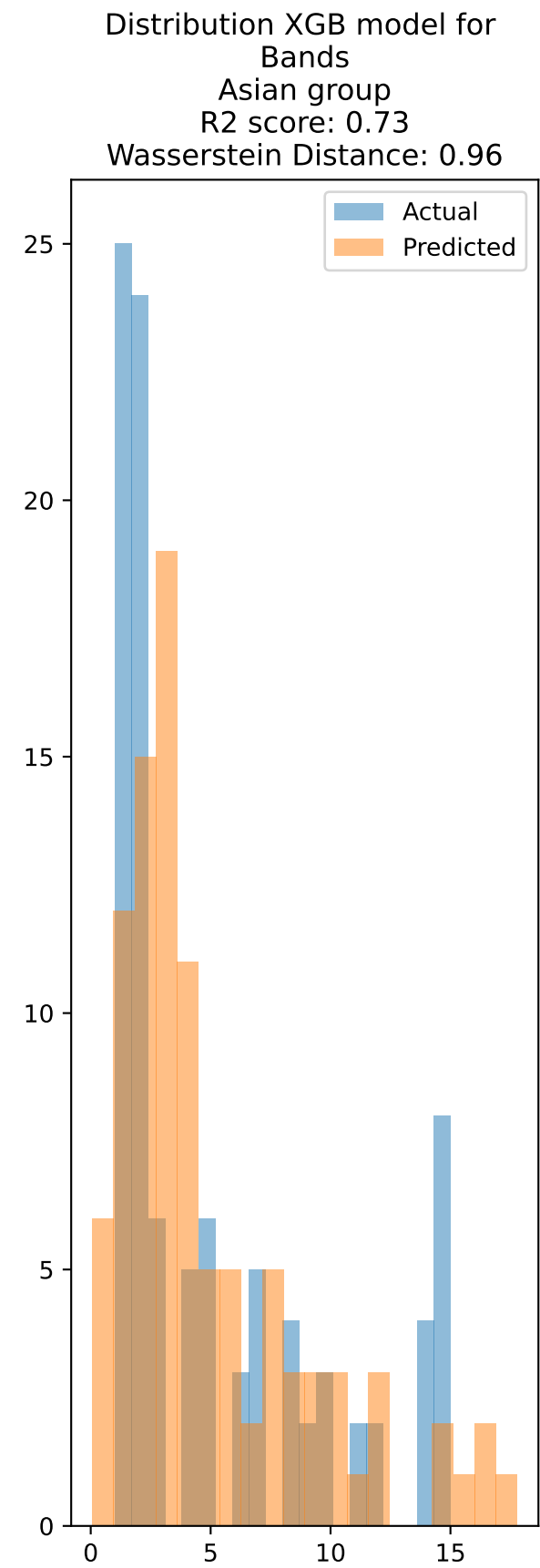
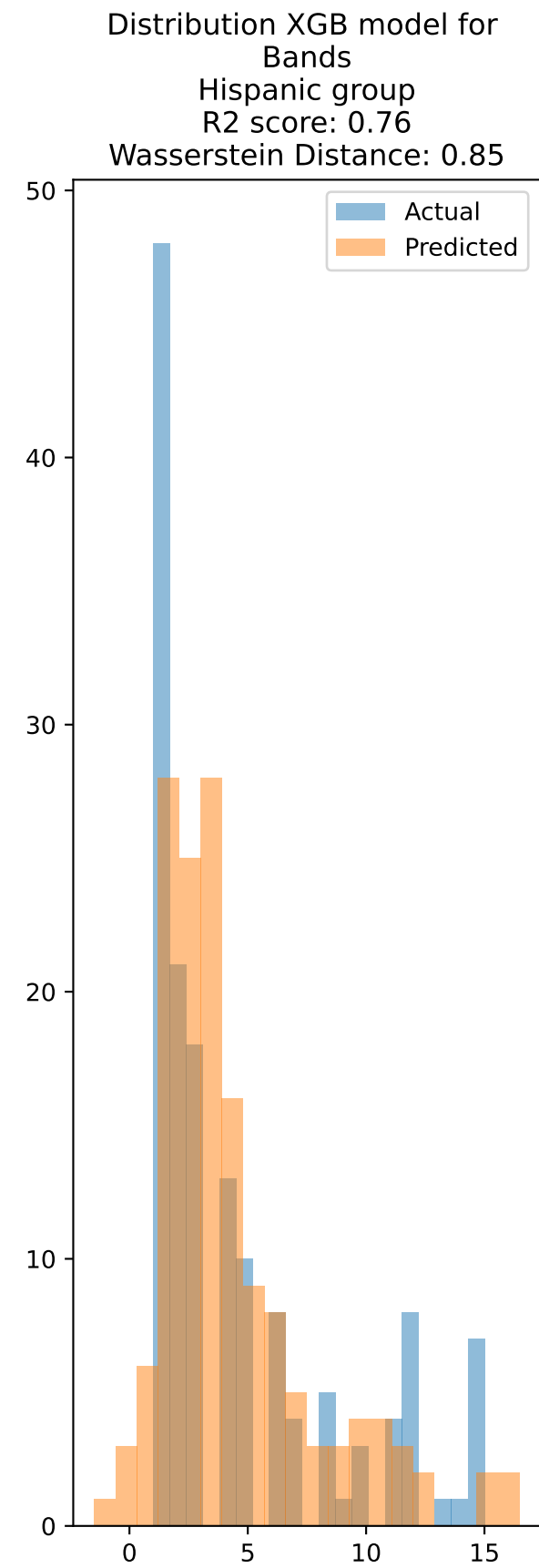
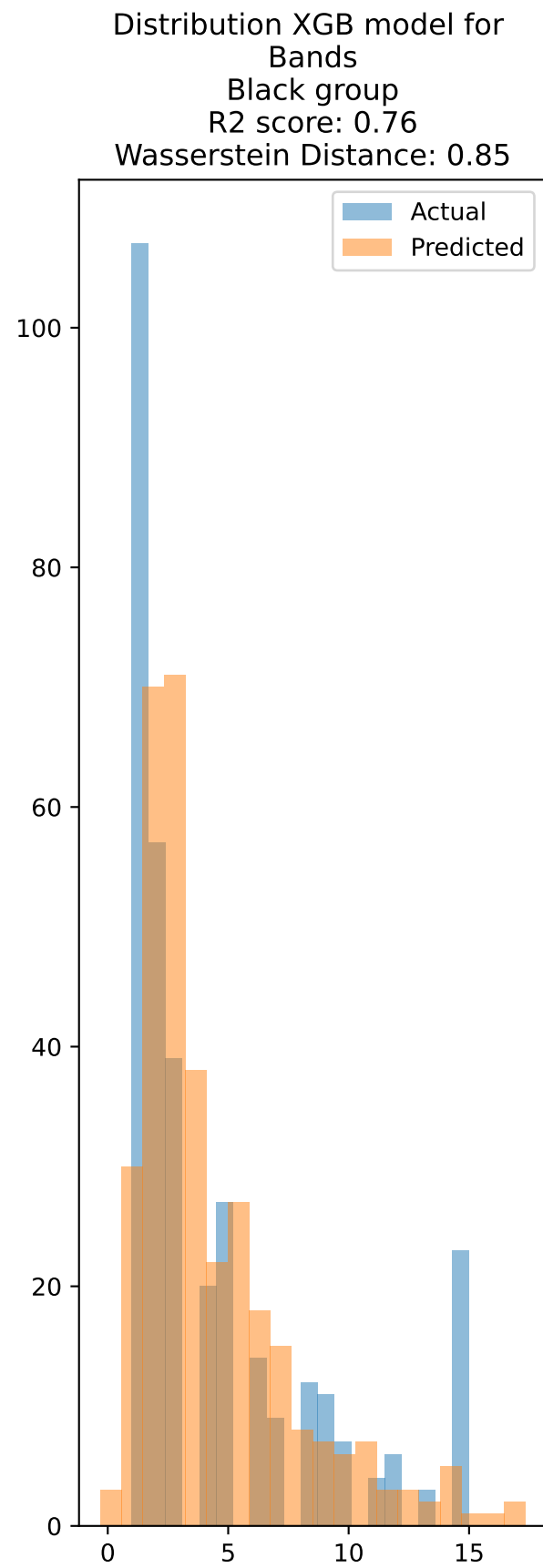
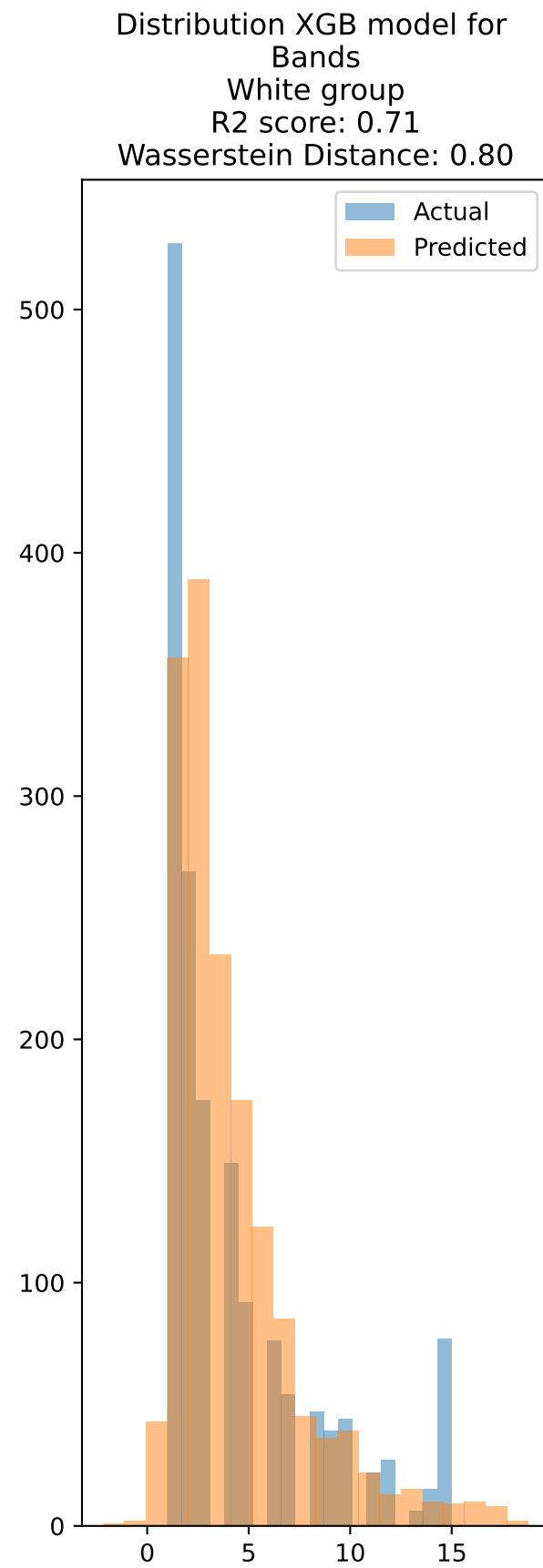


Distribution XGB model for  
Creatinine, Urine  
Asian group  
R2 score: 0.63  
Wasserstein Distance: 7.39

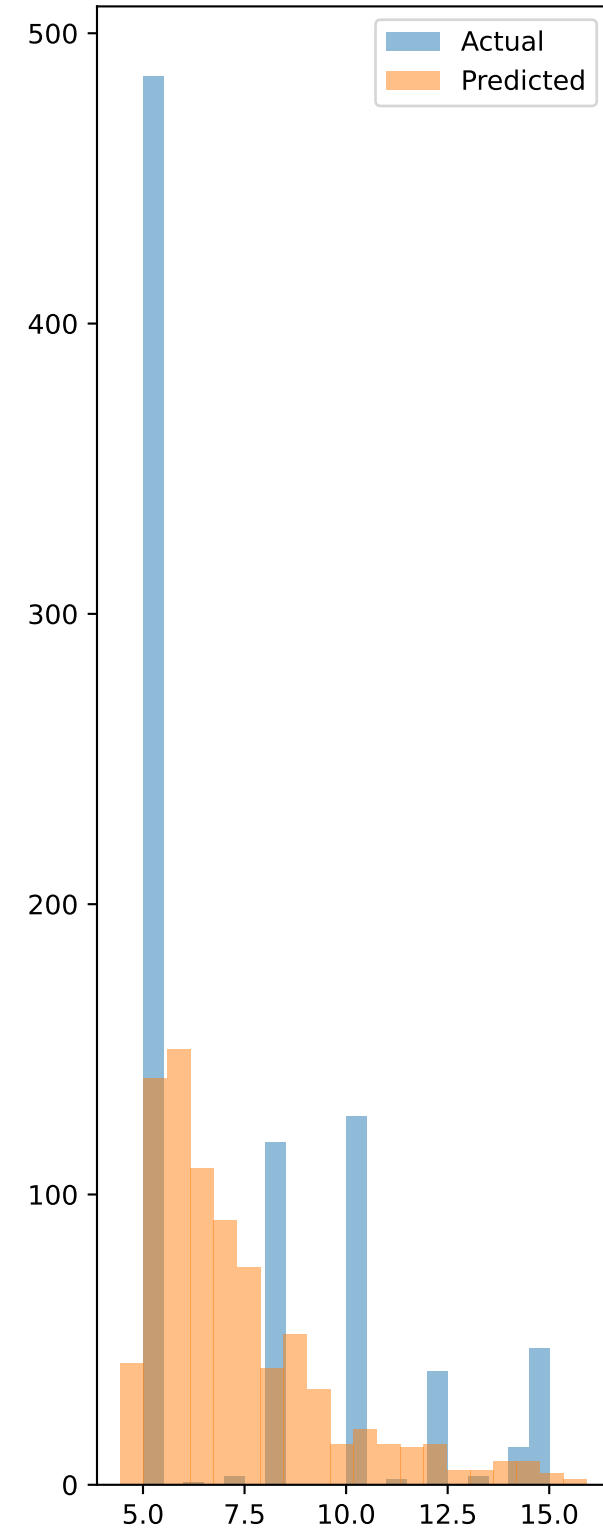


Distribution XGB model for  
Creatinine, Urine  
Others group  
R2 score: 0.50  
Wasserstein Distance: 15.08

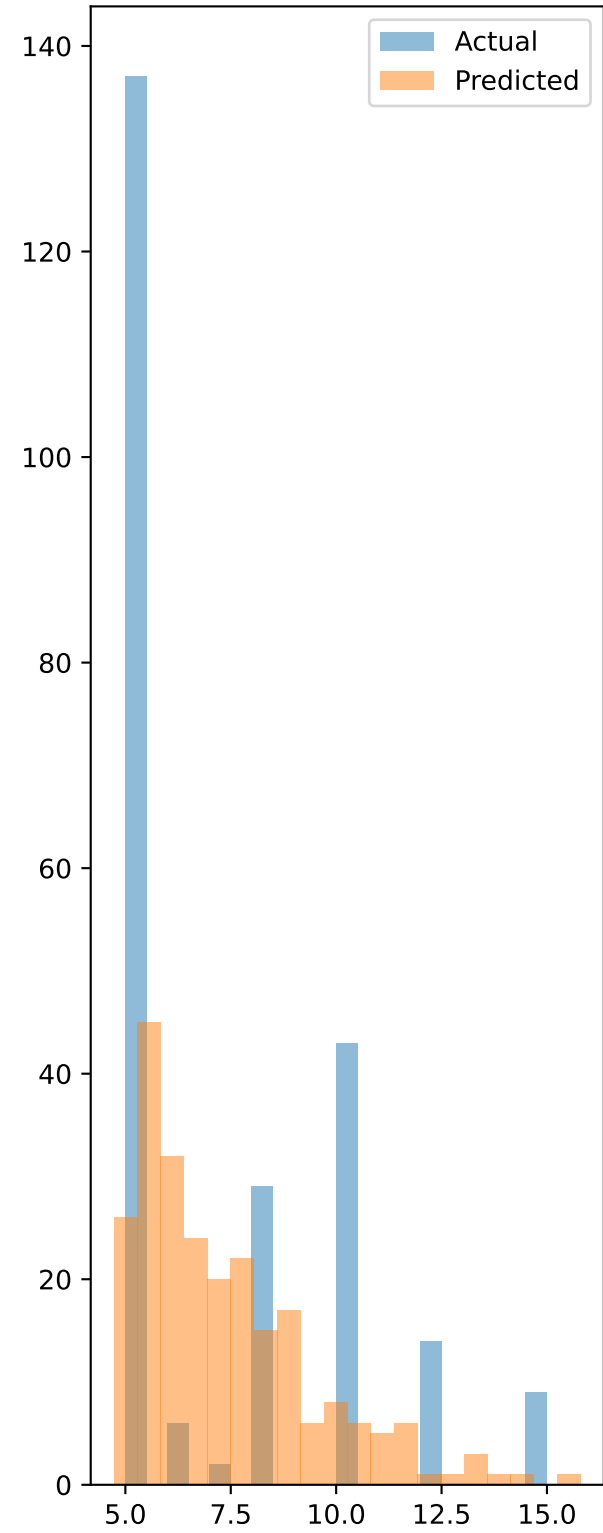




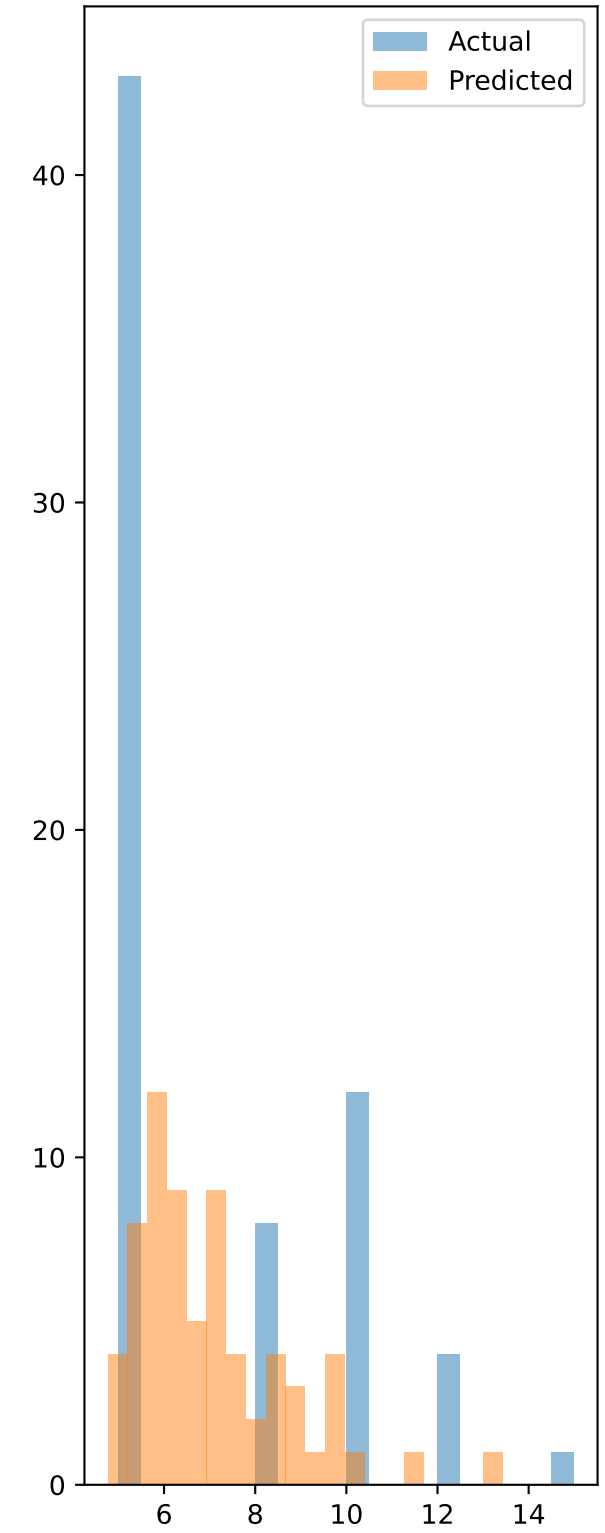
Distribution XGB model for  
PEEP  
White group  
R2 score: 0.46  
Wasserstein Distance: 0.99



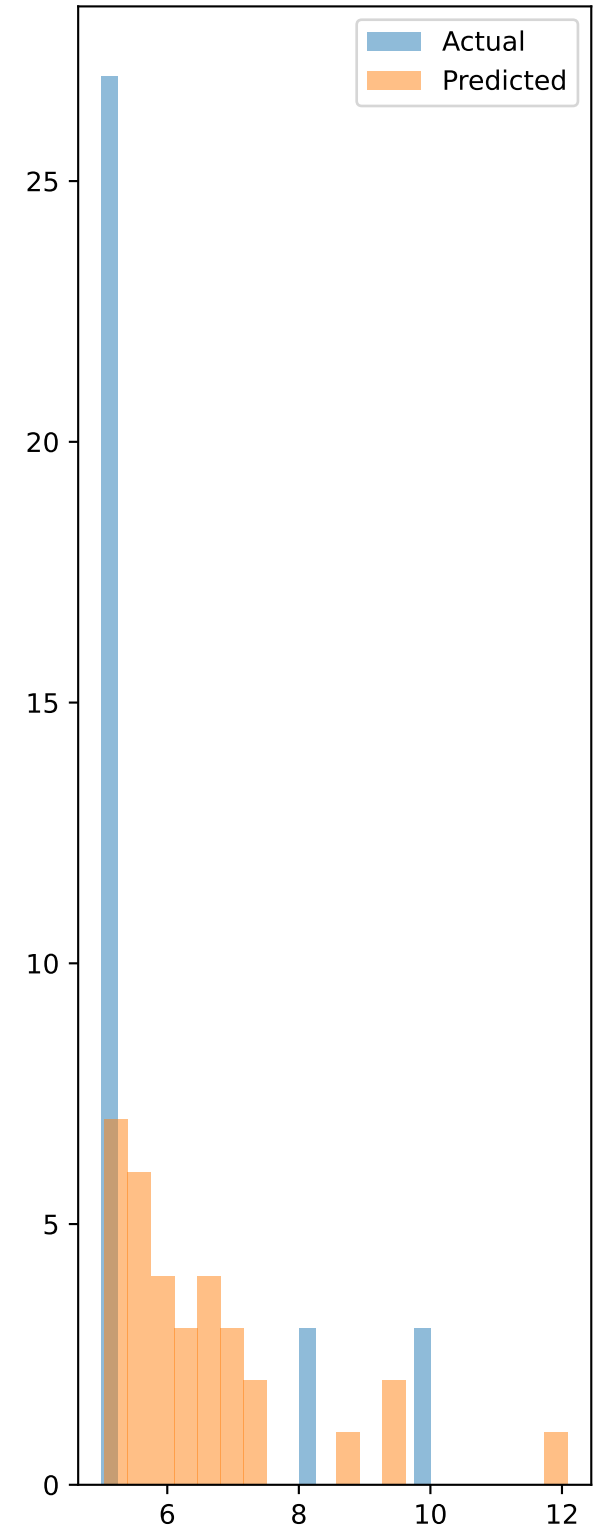
Distribution XGB model for  
PEEP  
Black group  
R2 score: 0.49  
Wasserstein Distance: 0.86



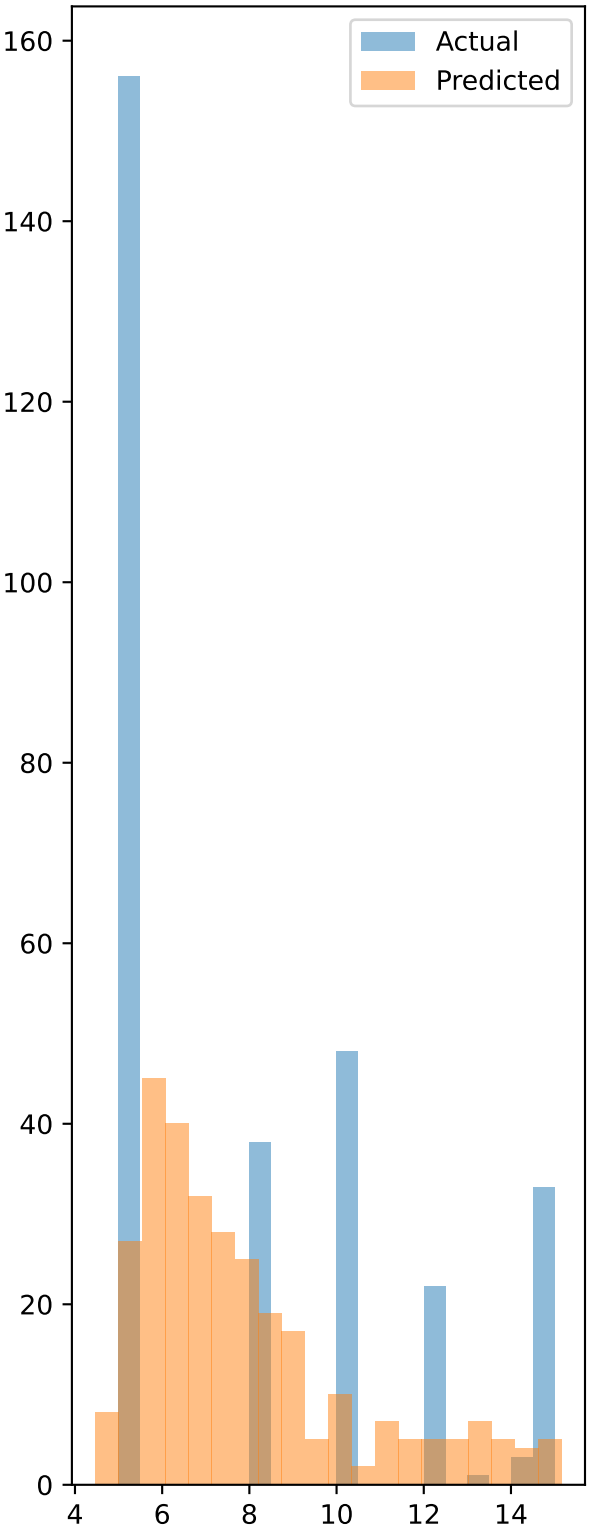
Distribution XGB model for  
PEEP  
Hispanic group  
R2 score: 0.17  
Wasserstein Distance: 1.06



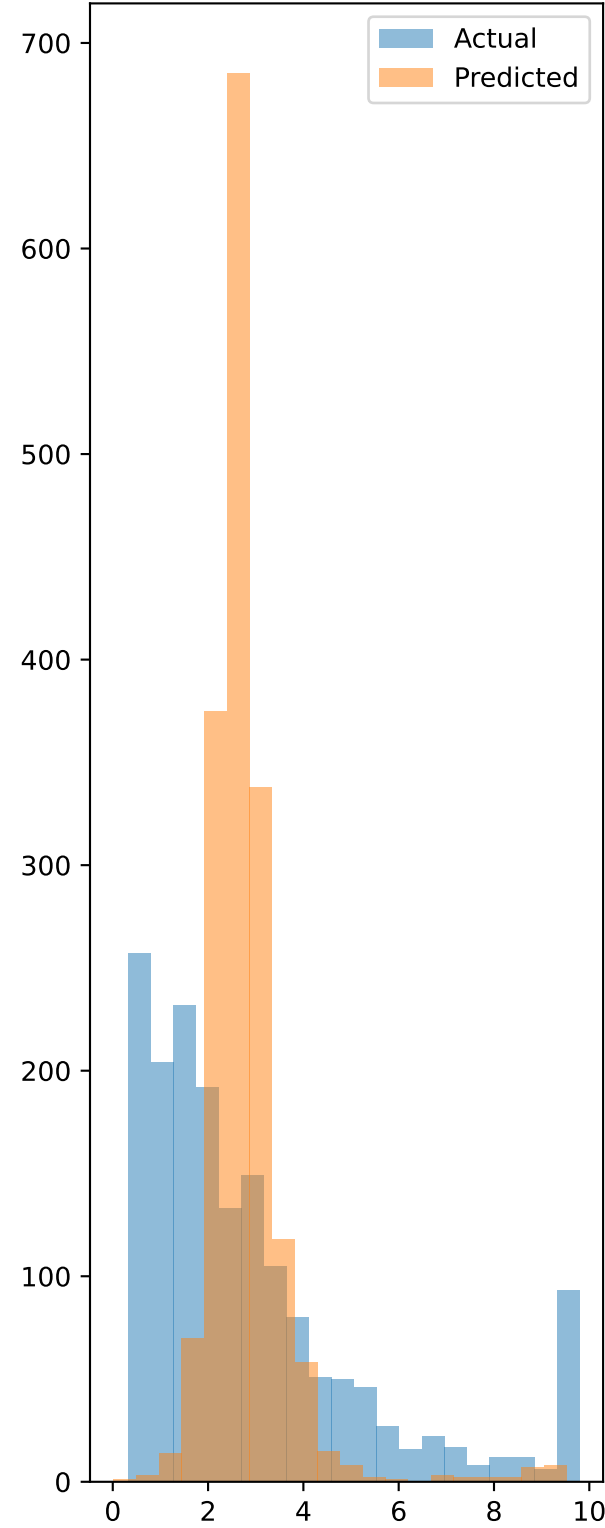
Distribution XGB model for  
PEEP  
Asian group  
R2 score: -0.39  
Wasserstein Distance: 0.90



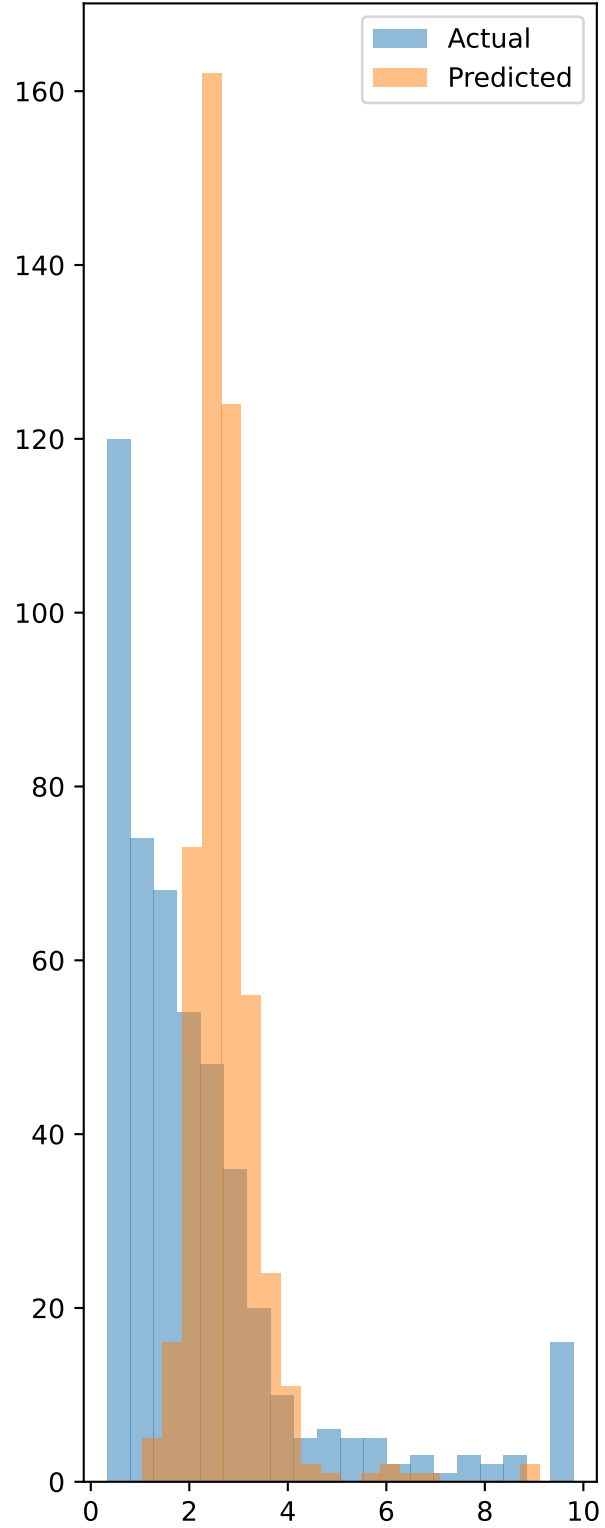
Distribution XGB model for  
PEEP  
Others group  
R2 score: 0.46  
Wasserstein Distance: 1.15



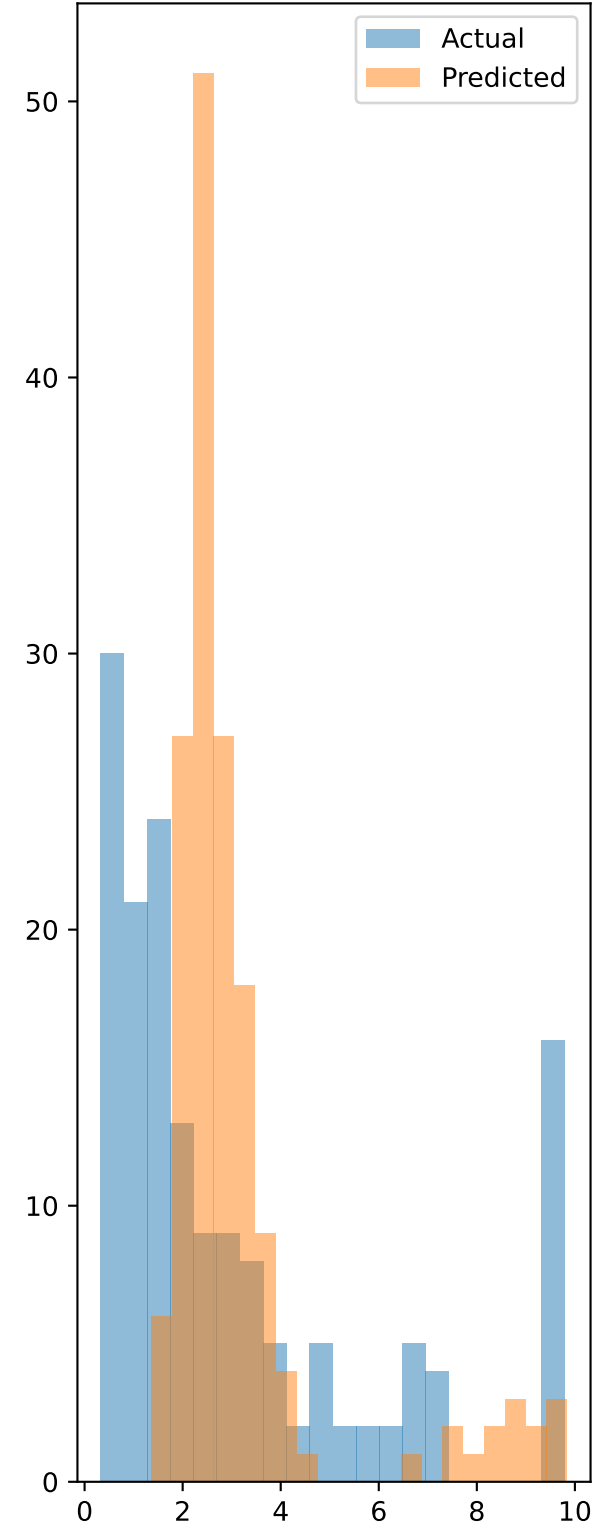
Distribution XGB model for  
Thyroid Stimulating Hormone  
White group  
R2 score: 0.13  
Wasserstein Distance: 1.27



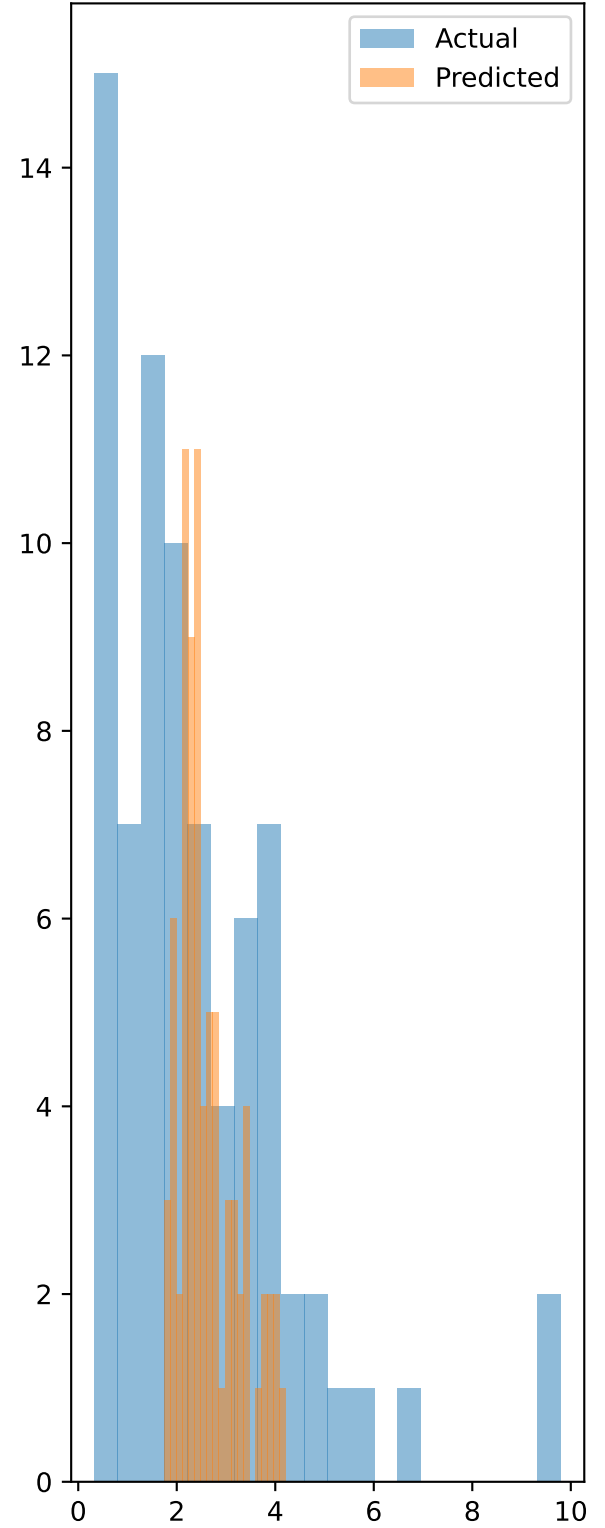
Distribution XGB model for  
Thyroid Stimulating Hormone  
Black group  
R2 score: 0.06  
Wasserstein Distance: 1.22



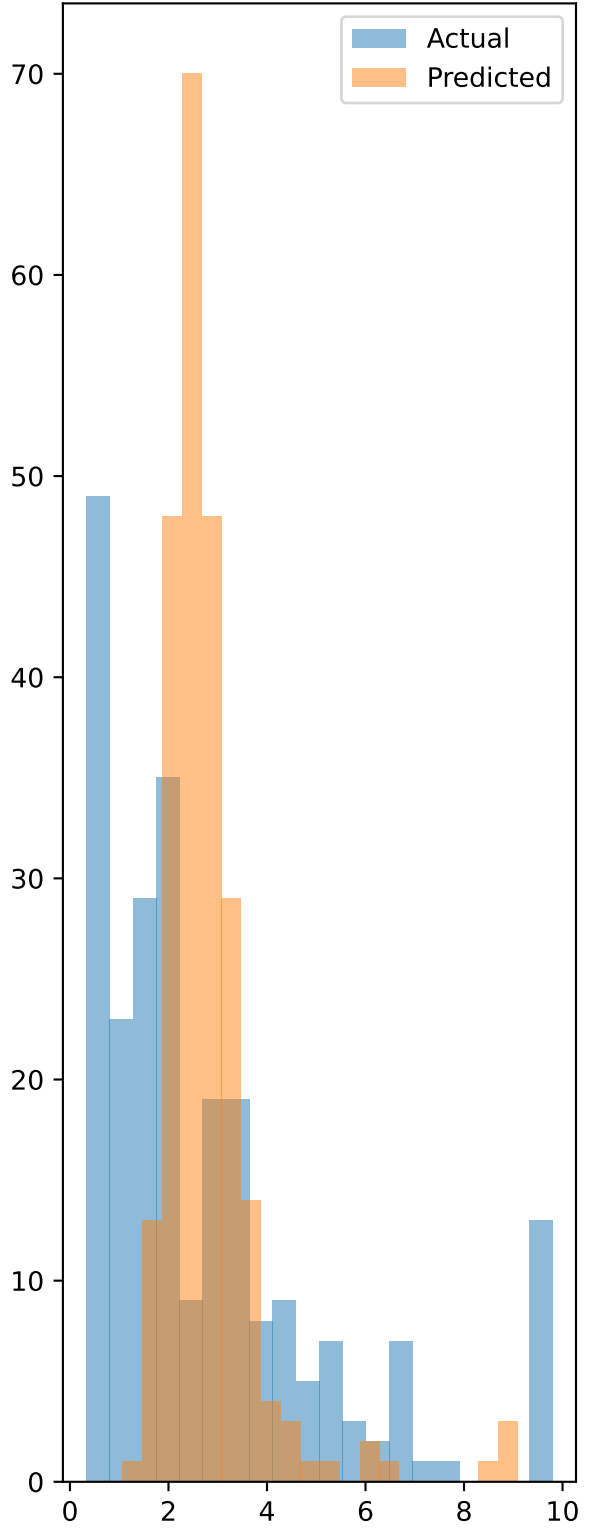
Distribution XGB model for  
Thyroid Stimulating Hormone  
Hispanic group  
R2 score: 0.49  
Wasserstein Distance: 1.19

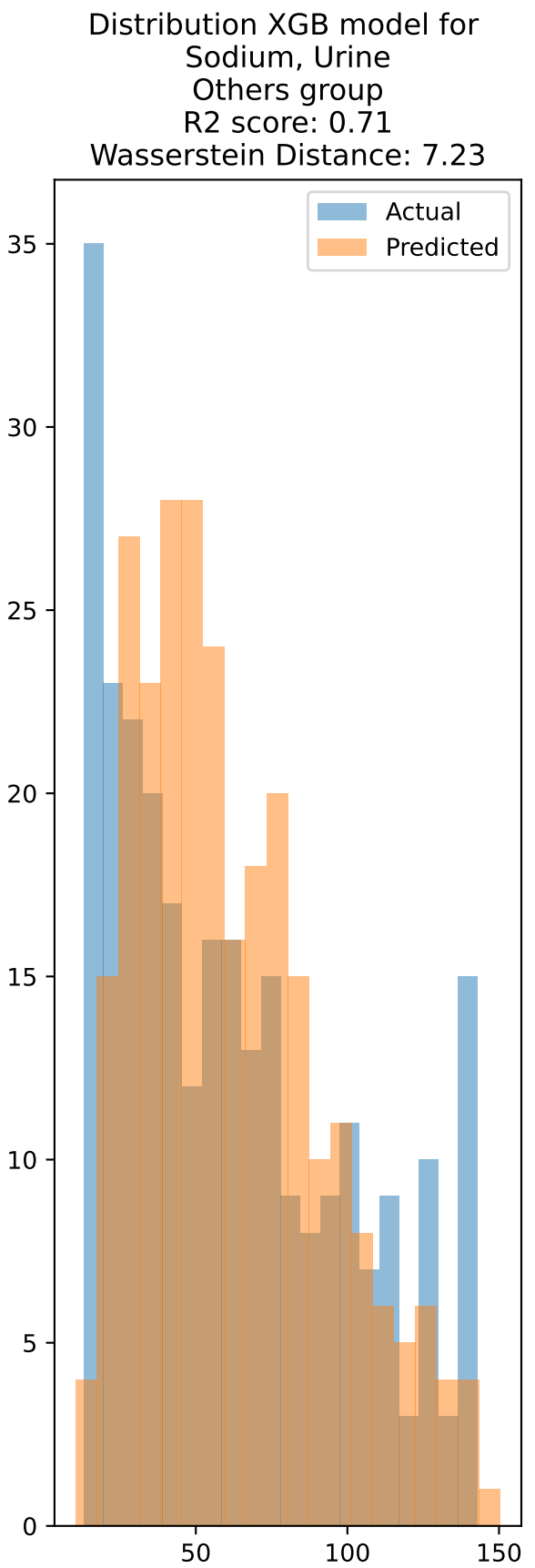
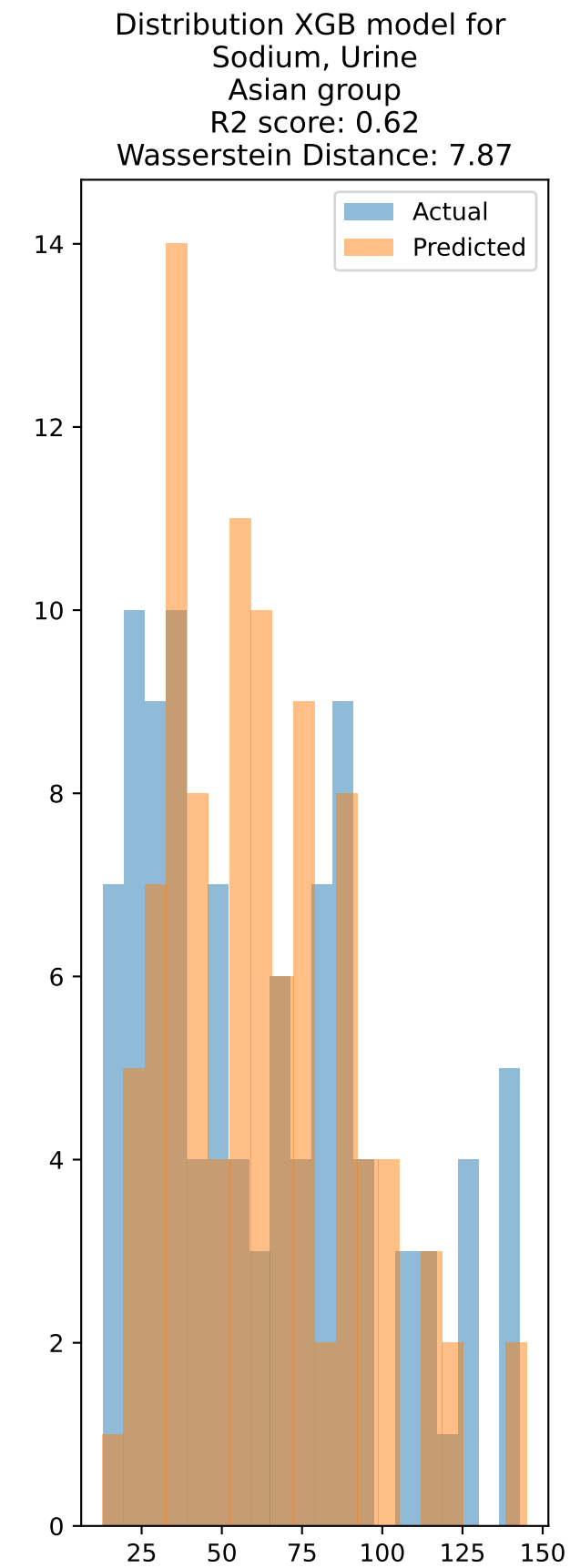
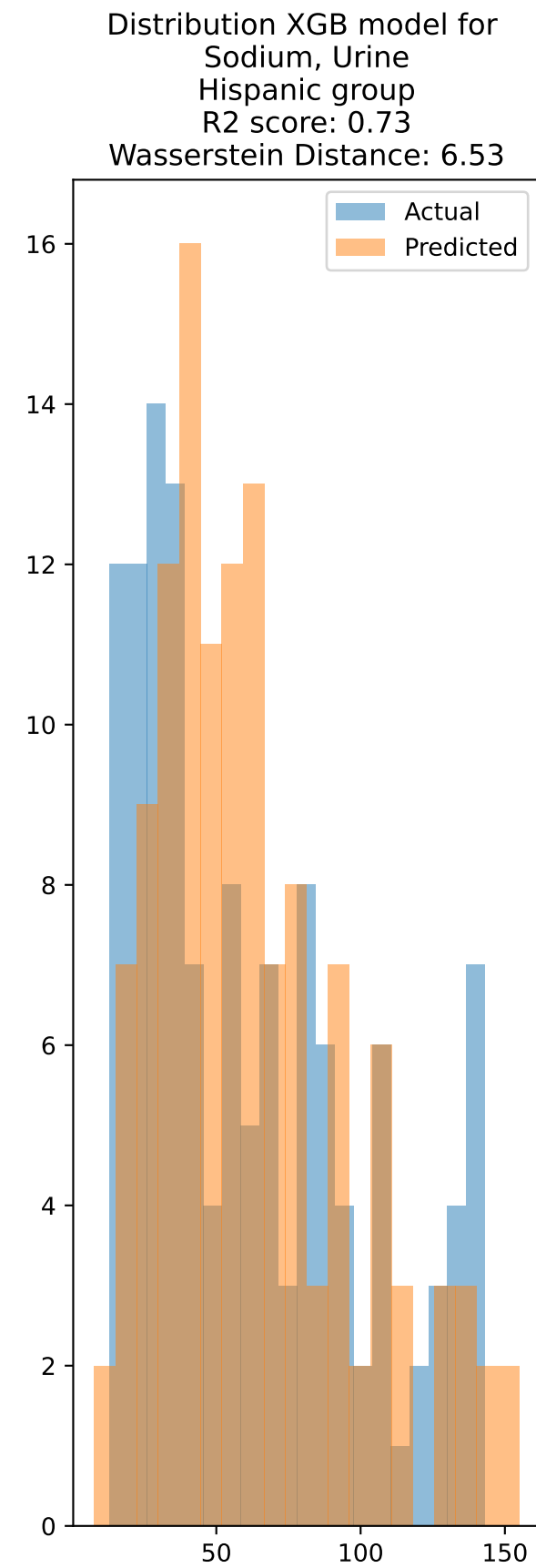
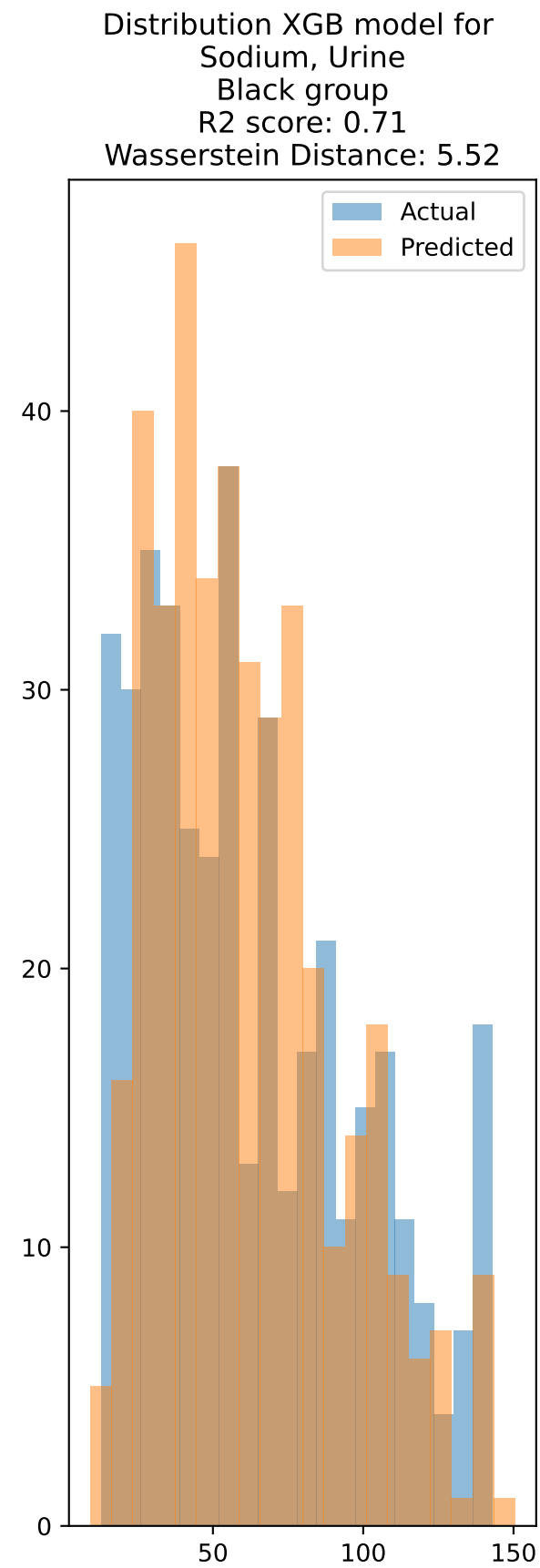
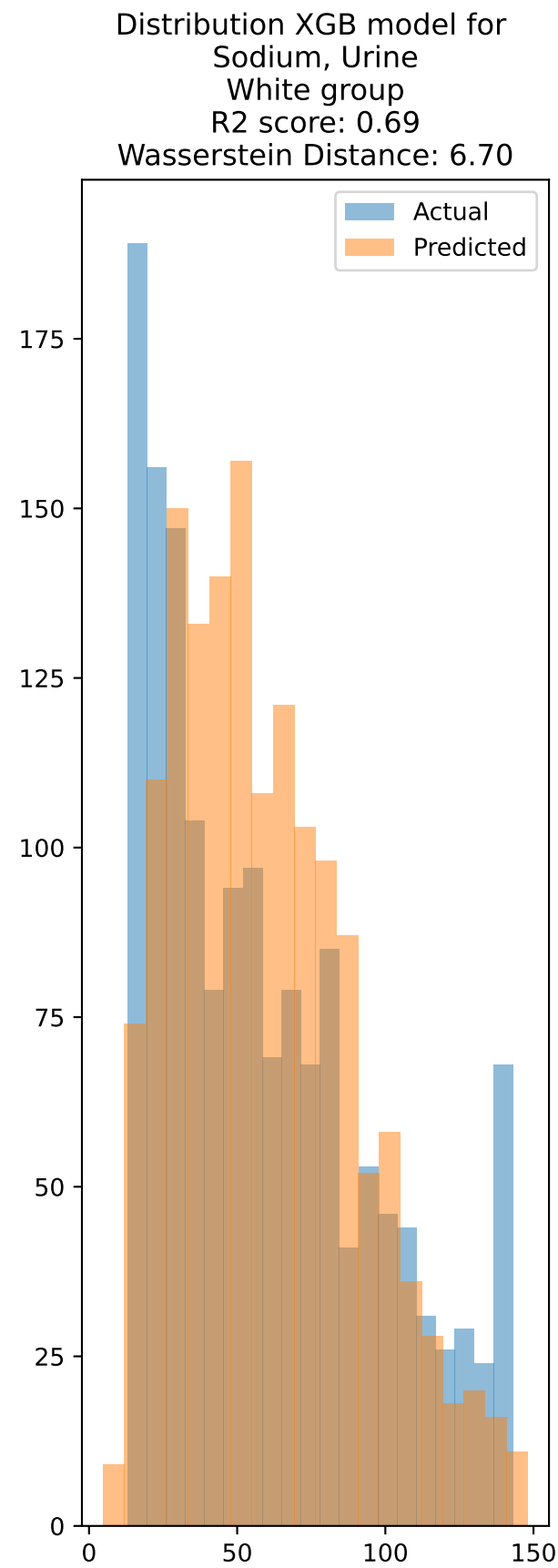


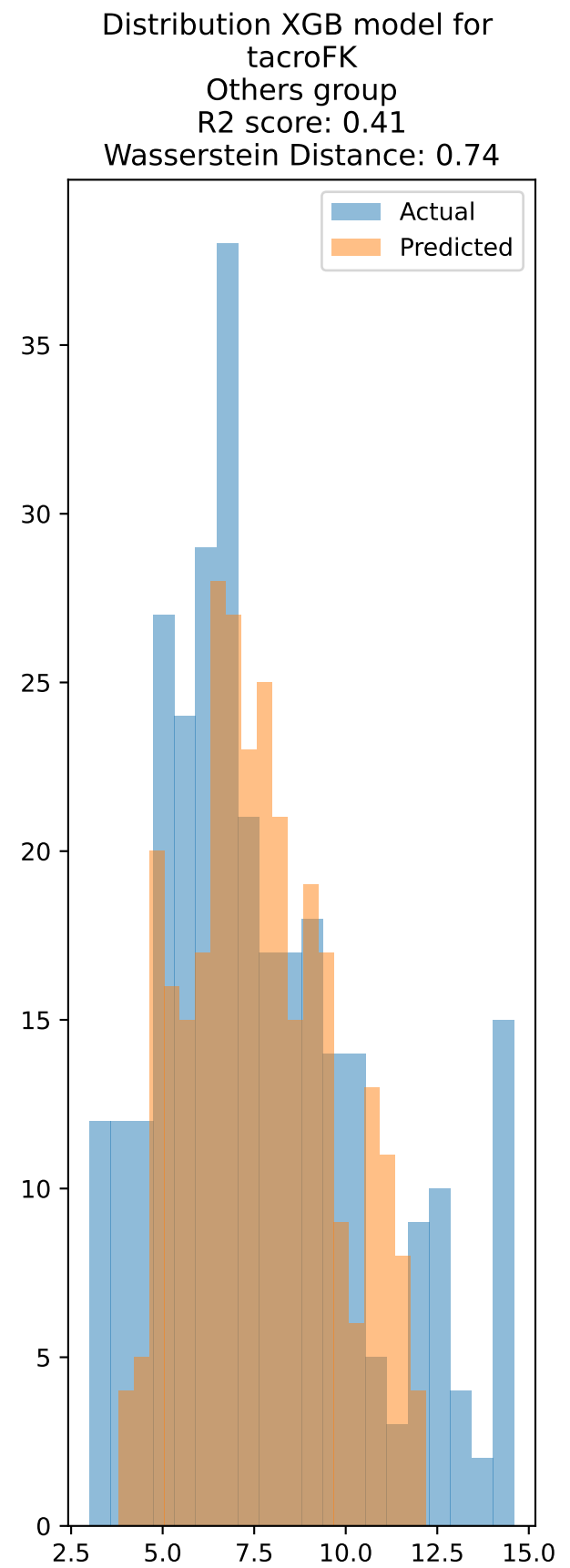
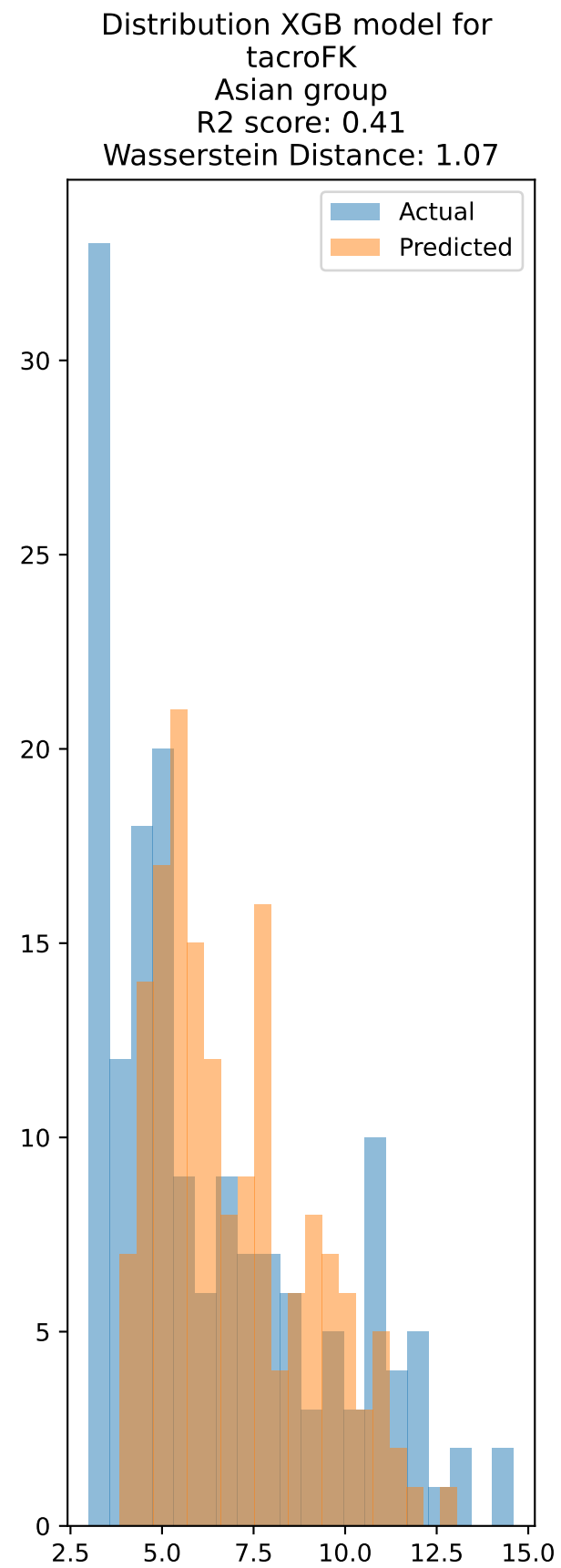
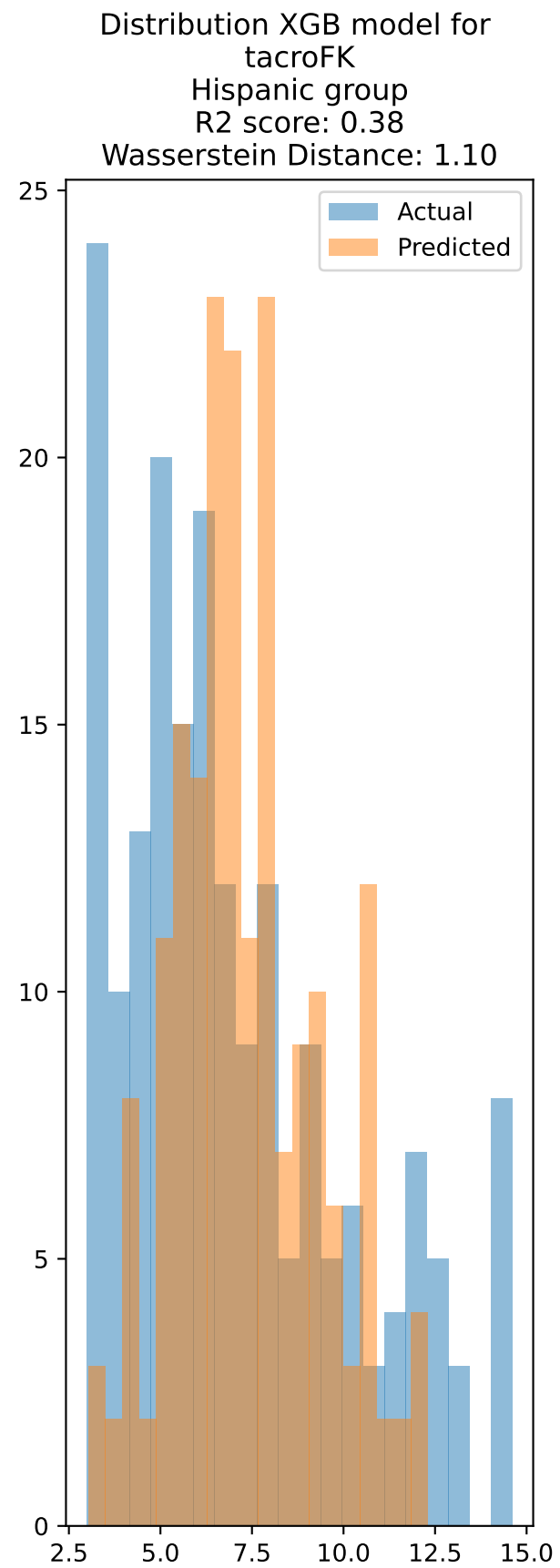
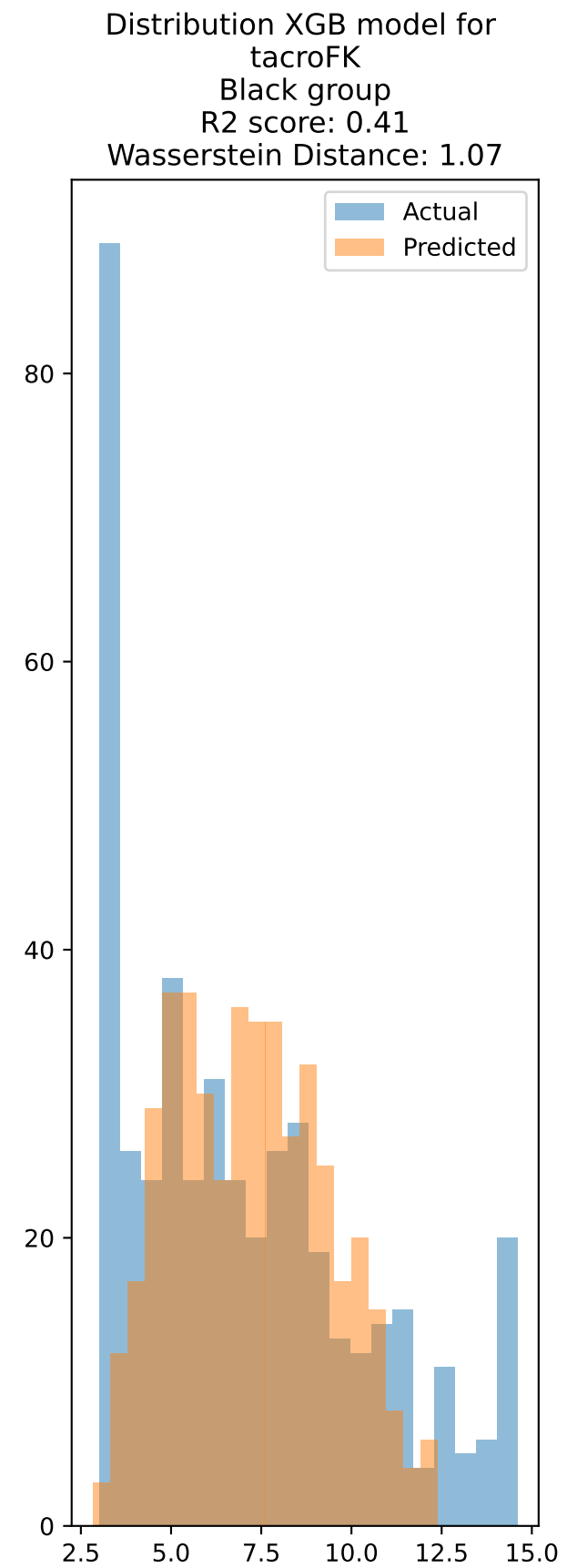
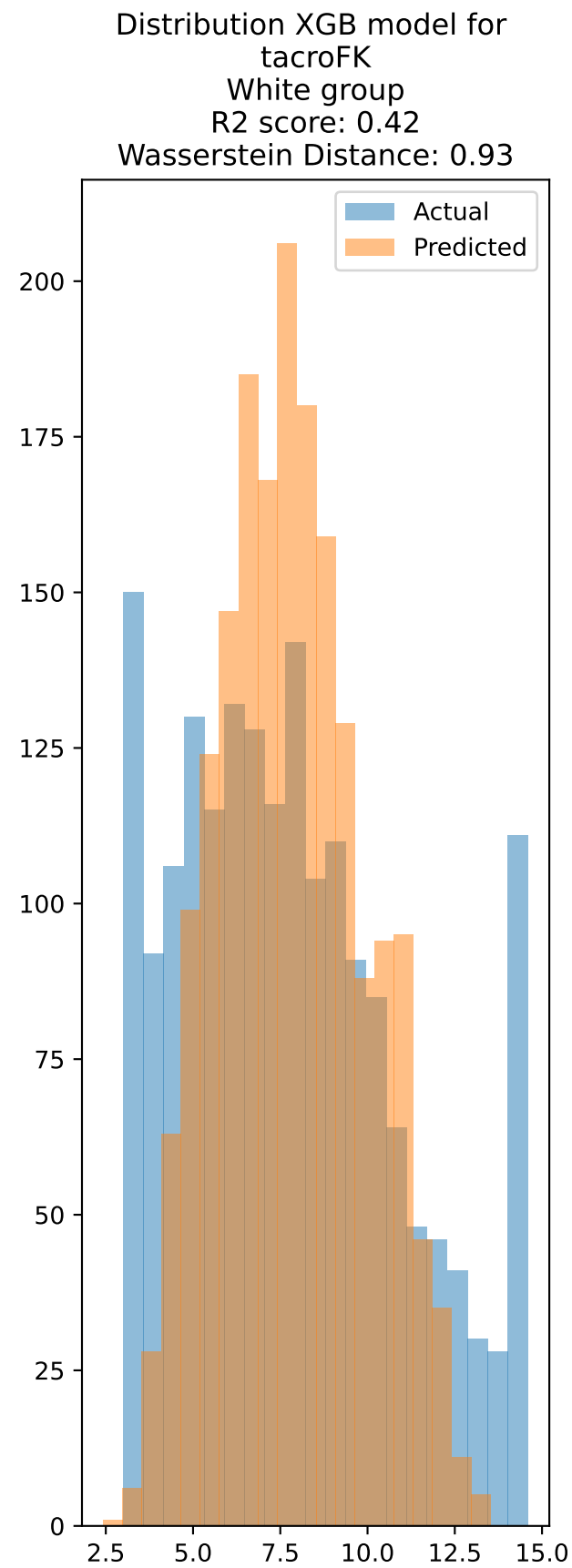
Distribution XGB model for  
Thyroid Stimulating Hormone  
Asian group  
R2 score: 0.08  
Wasserstein Distance: 1.01

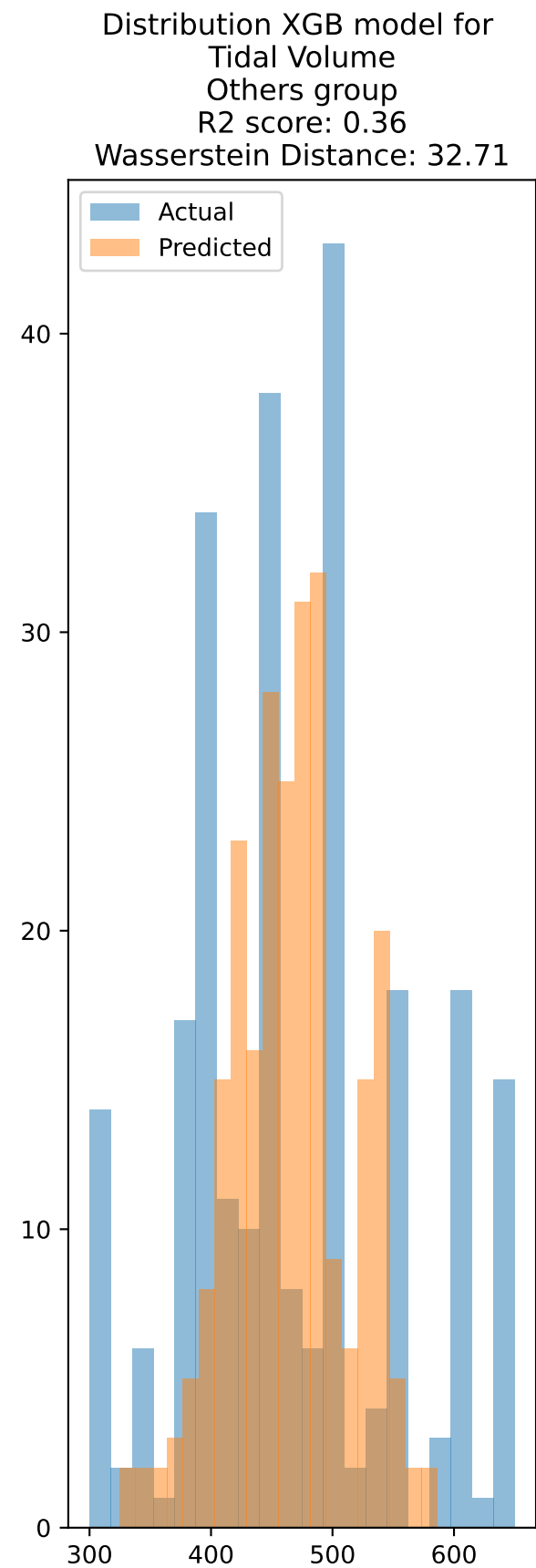
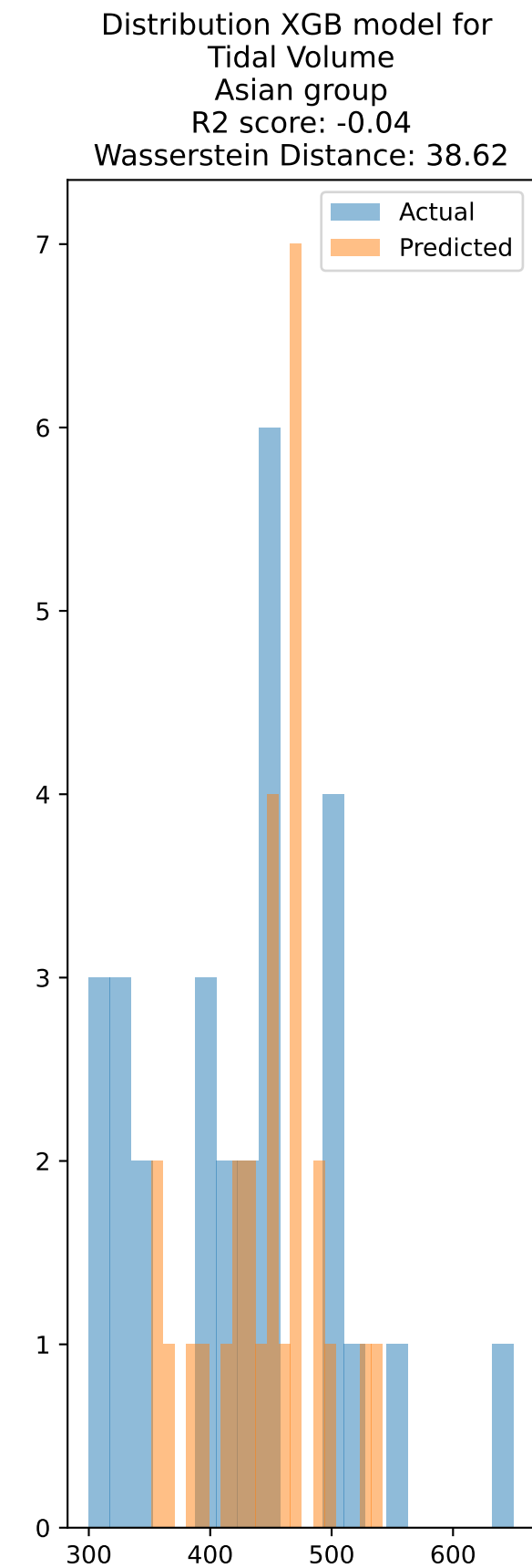
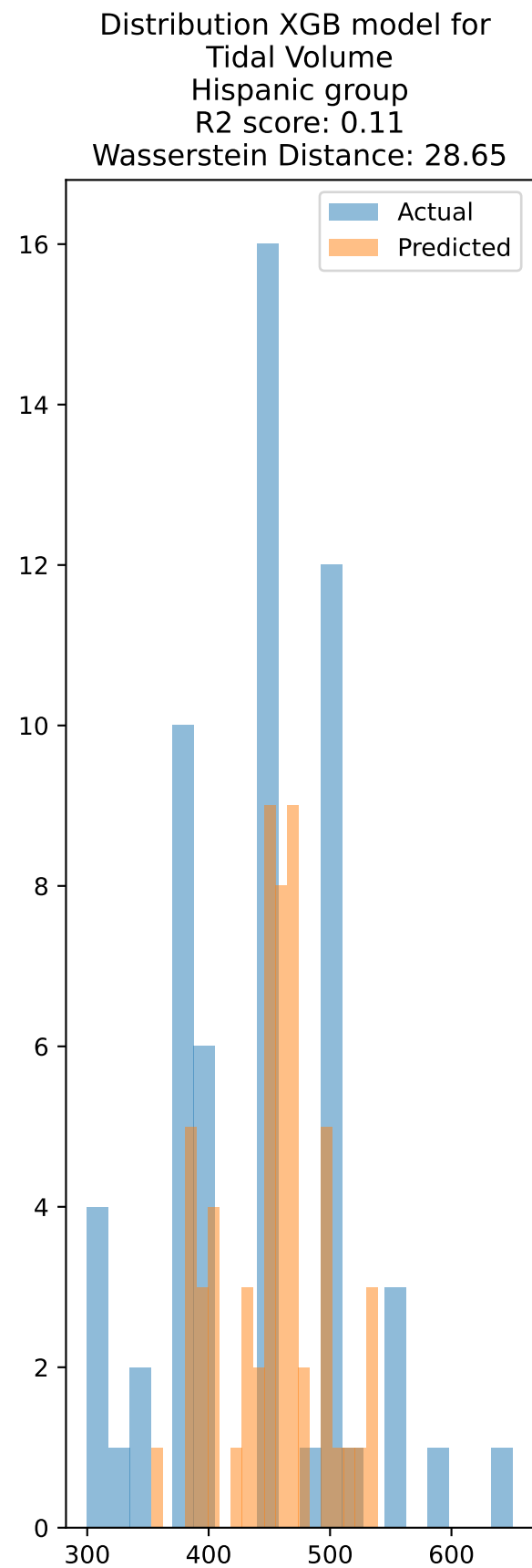
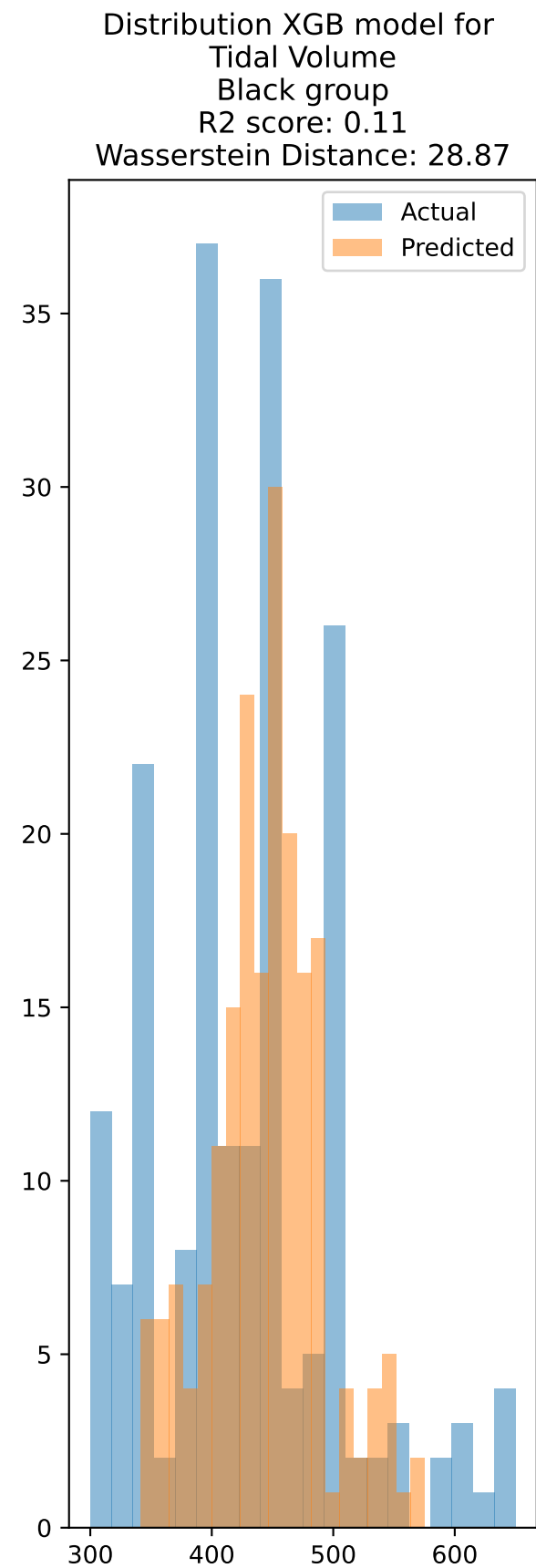
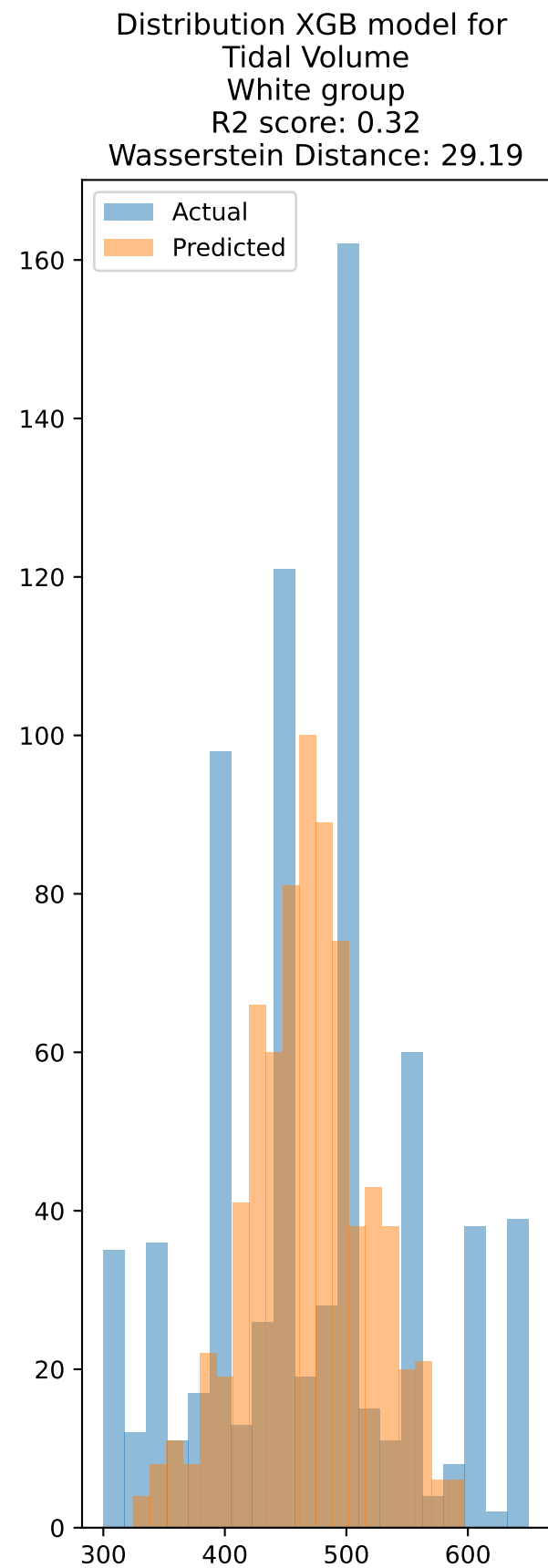


Distribution XGB model for  
Thyroid Stimulating Hormone  
Others group  
R2 score: 0.23  
Wasserstein Distance: 1.16

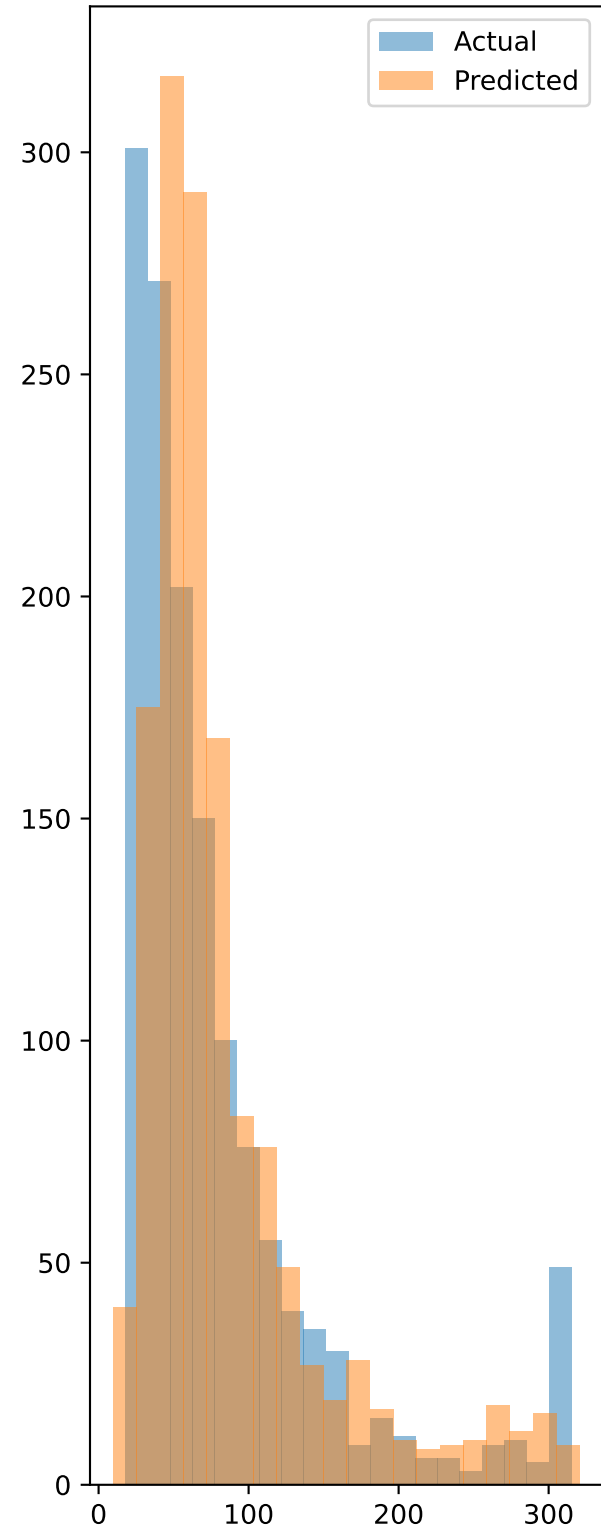




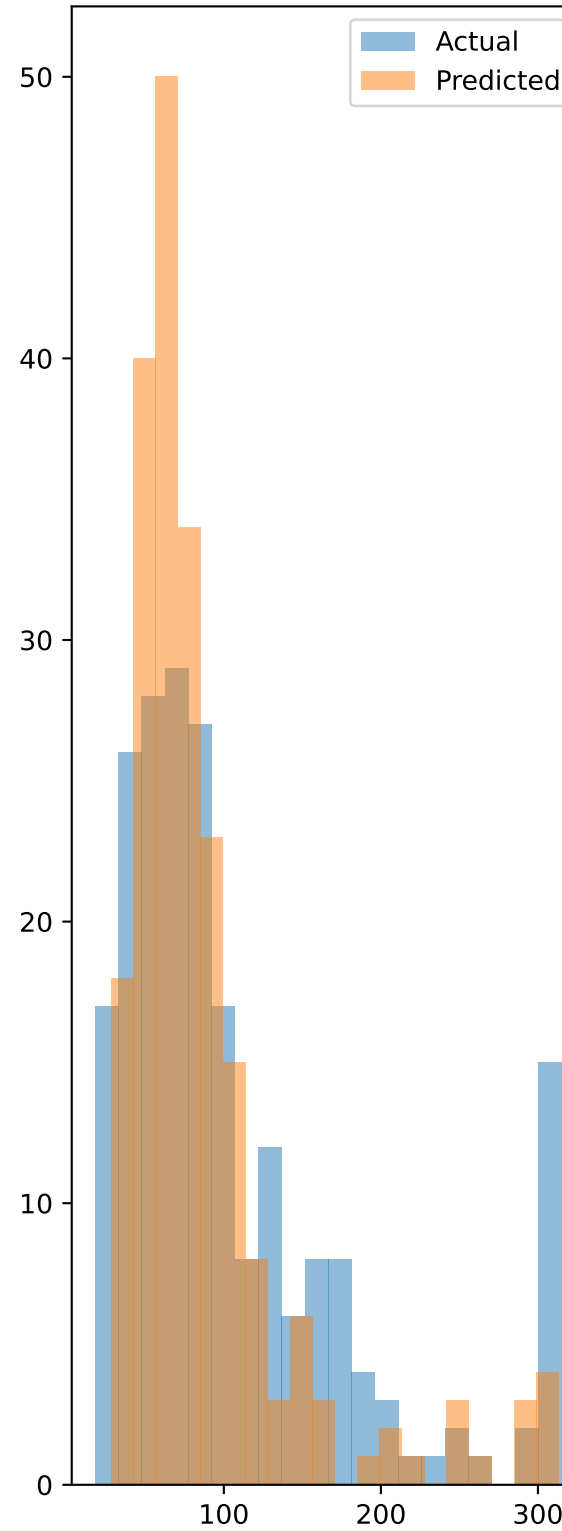




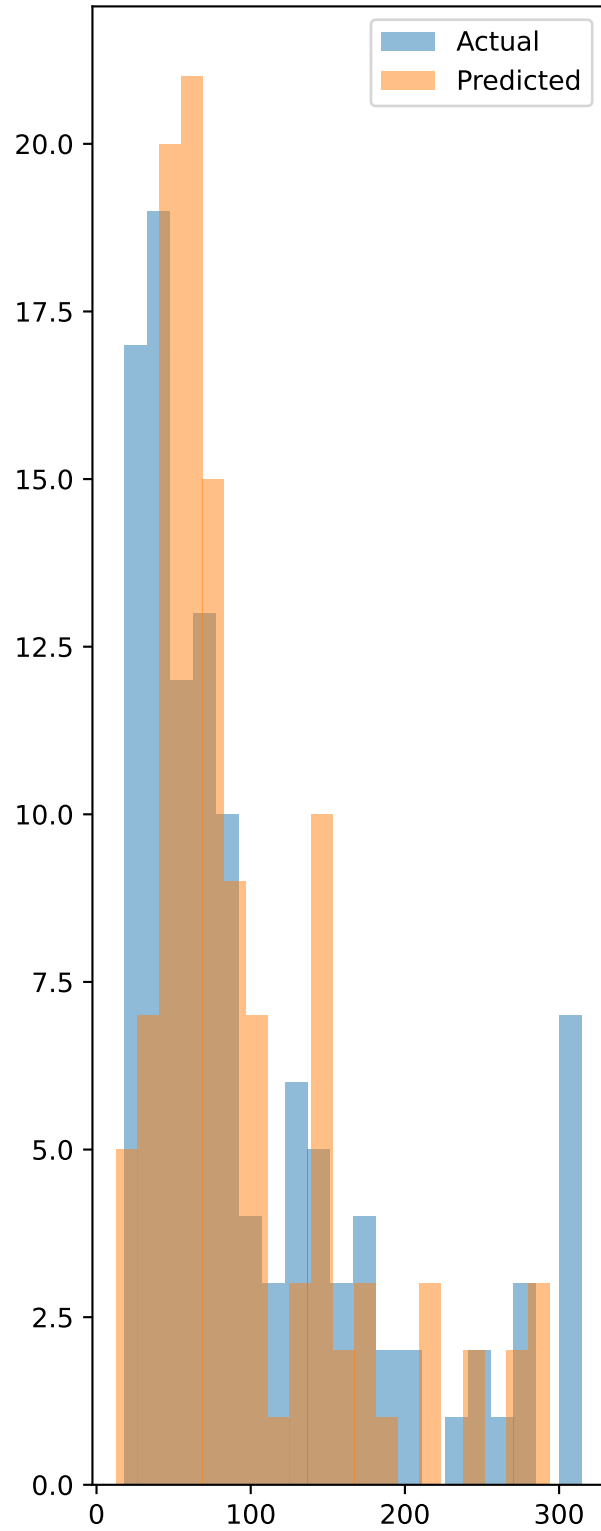
Distribution XGB model for  
Amylase  
White group  
R2 score: 0.73  
Wasserstein Distance: 8.94



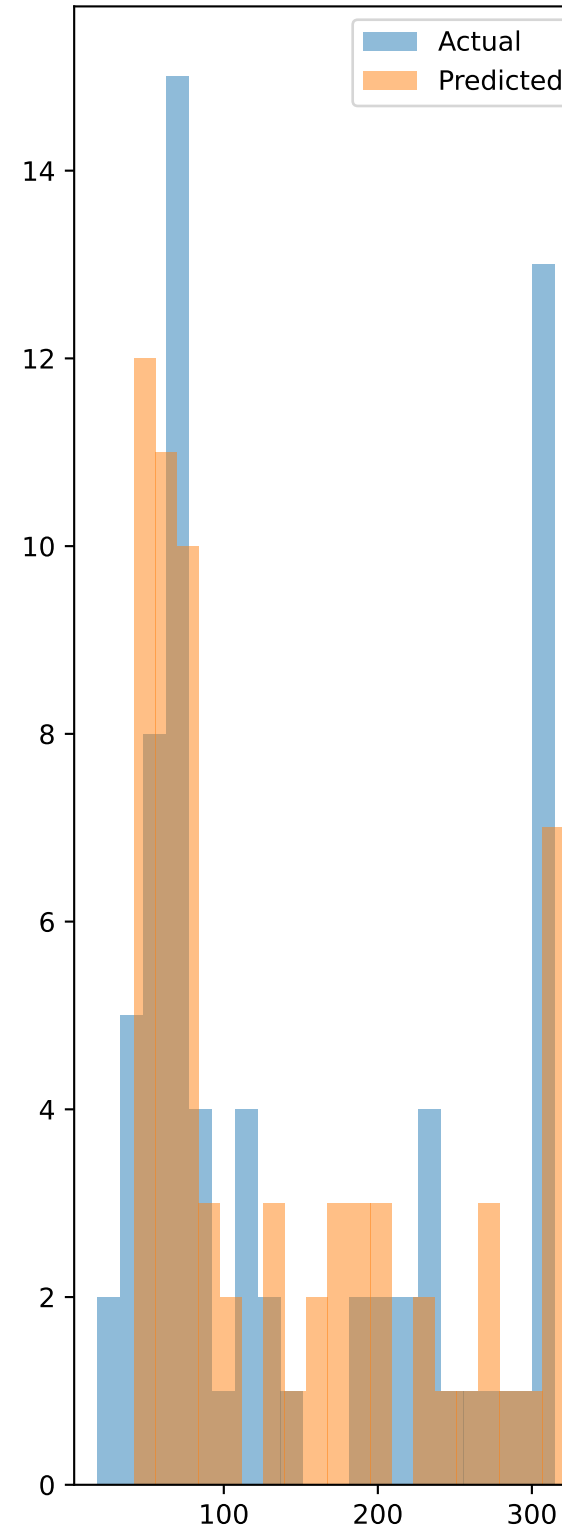
Distribution XGB model for  
Amylase  
Black group  
R2 score: 0.44  
Wasserstein Distance: 22.60



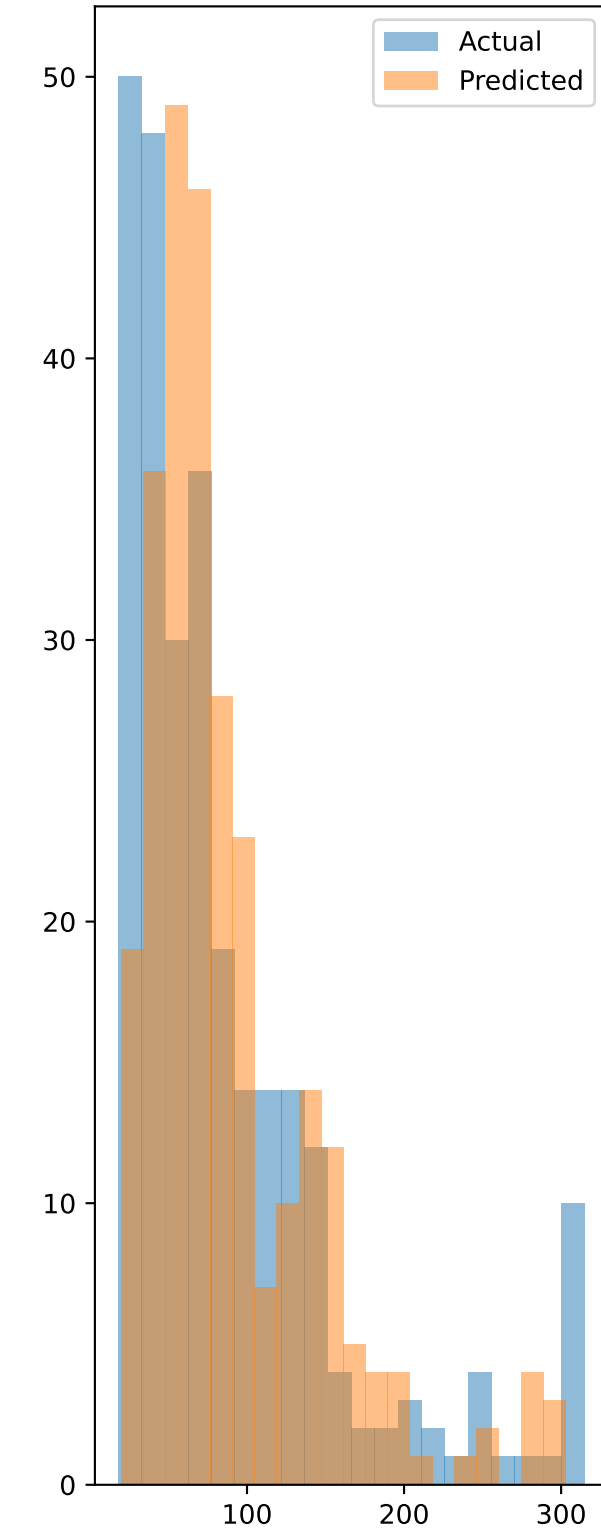
Distribution XGB model for  
Amylase  
Hispanic group  
R2 score: 0.68  
Wasserstein Distance: 16.48



Distribution XGB model for  
Amylase  
Asian group  
R2 score: 0.83  
Wasserstein Distance: 14.37

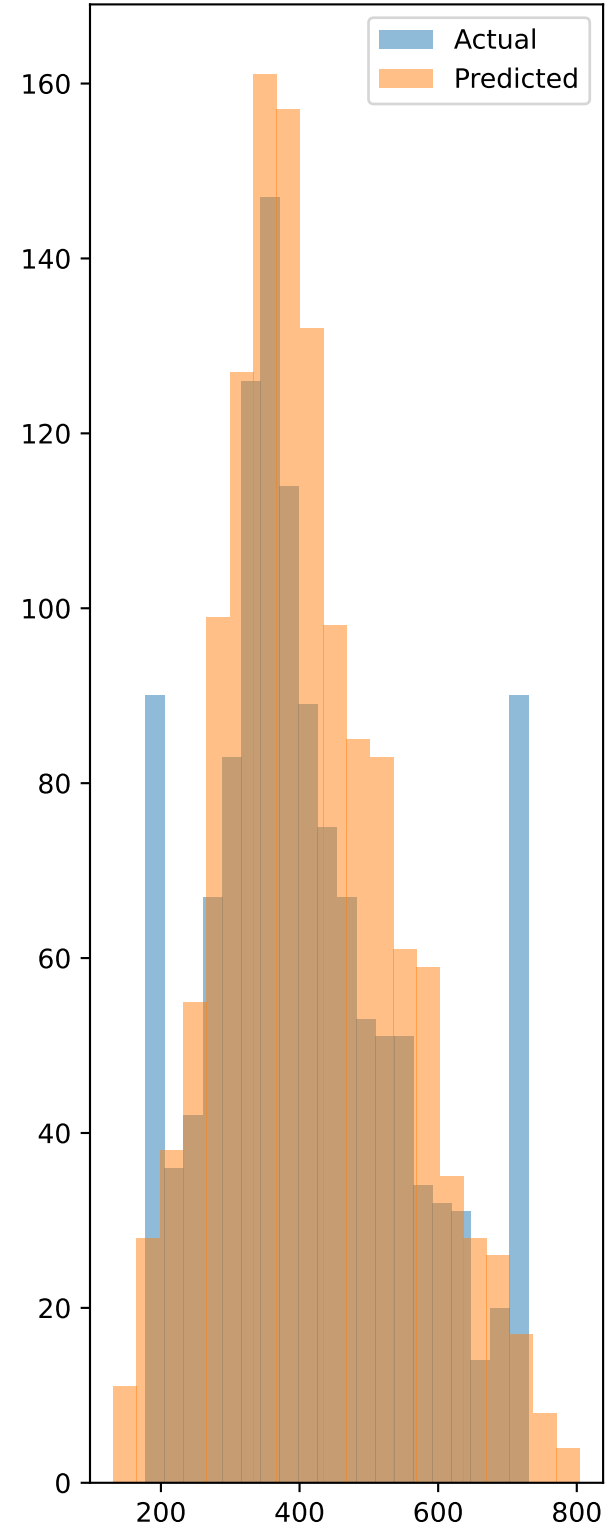


Distribution XGB model for  
Amylase  
Others group  
R2 score: 0.58  
Wasserstein Distance: 11.77

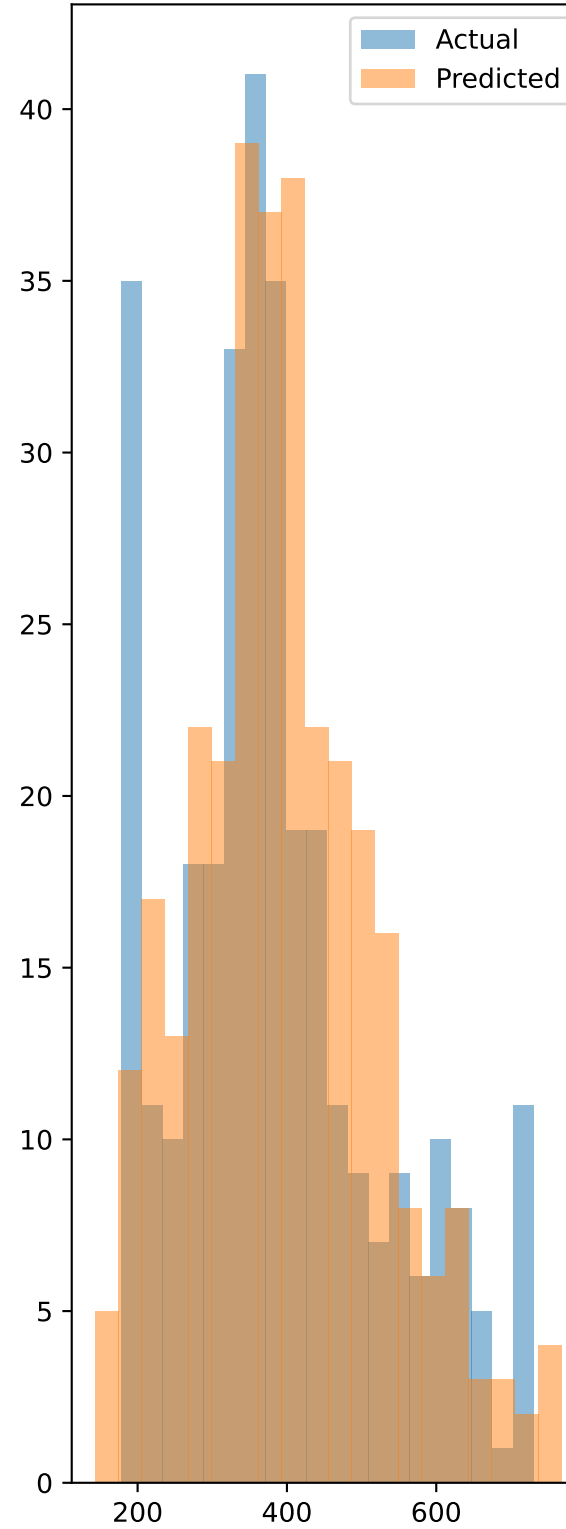




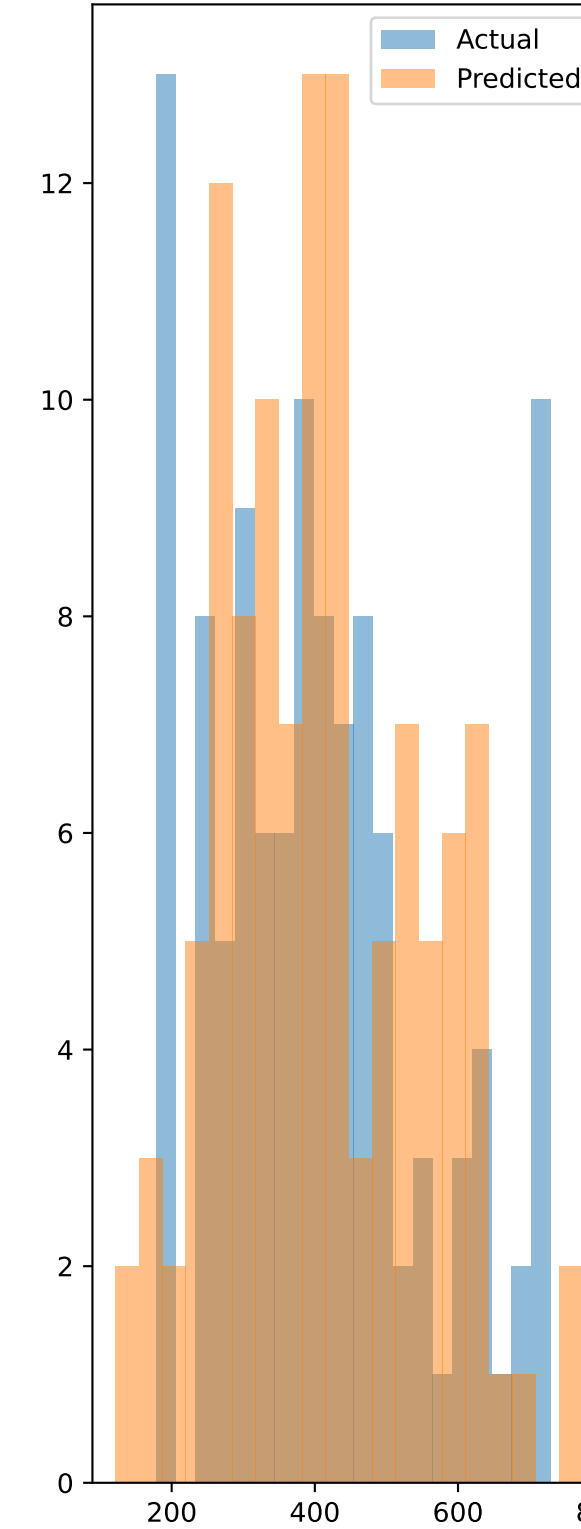
Distribution XGB model for  
Osmolality, Urine  
White group  
R2 score: 0.78  
Wasserstein Distance: 16.96



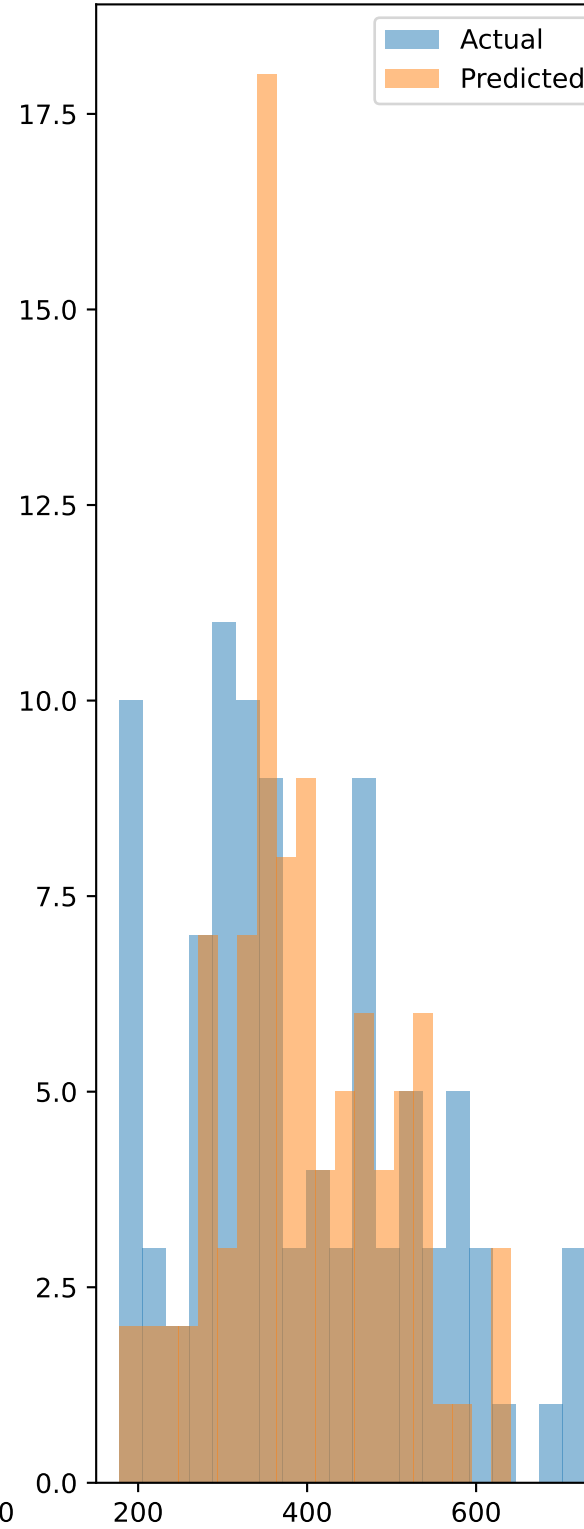
Distribution XGB model for  
Osmolality, Urine  
Black group  
R2 score: 0.81  
Wasserstein Distance: 21.82



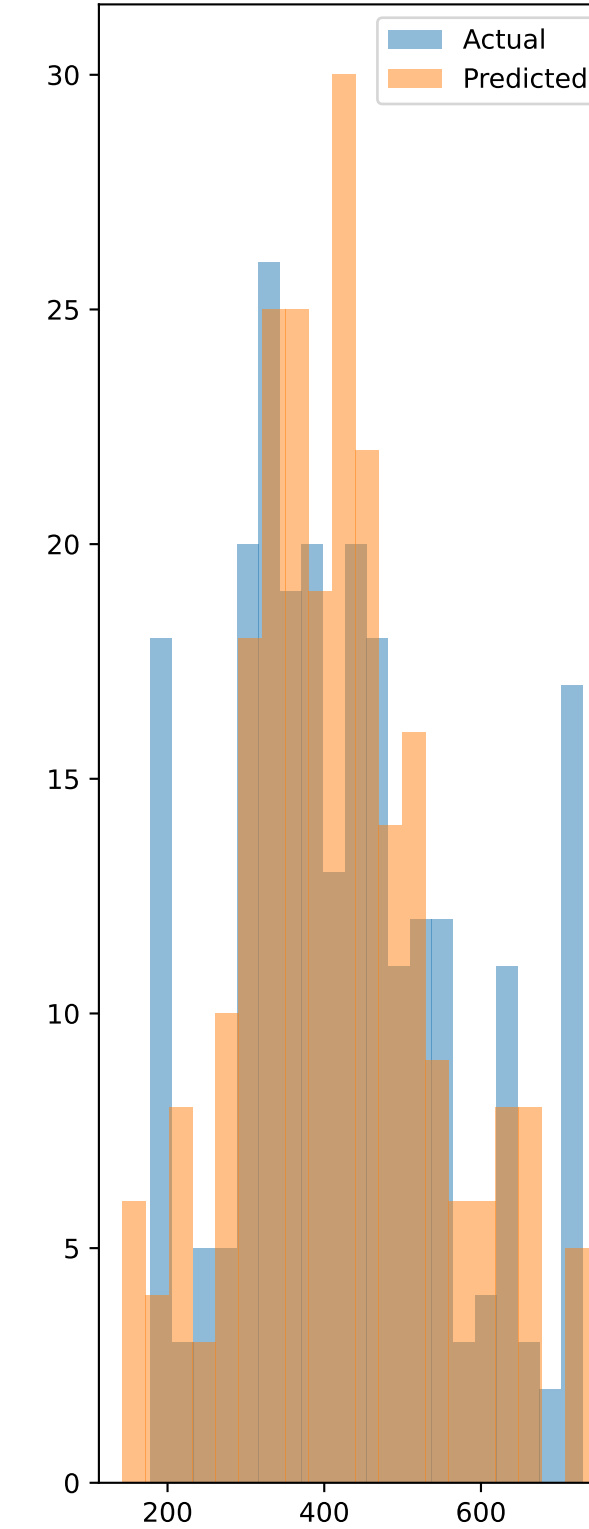
Distribution XGB model for  
Osmolality, Urine  
Hispanic group  
R2 score: 0.80  
Wasserstein Distance: 22.90



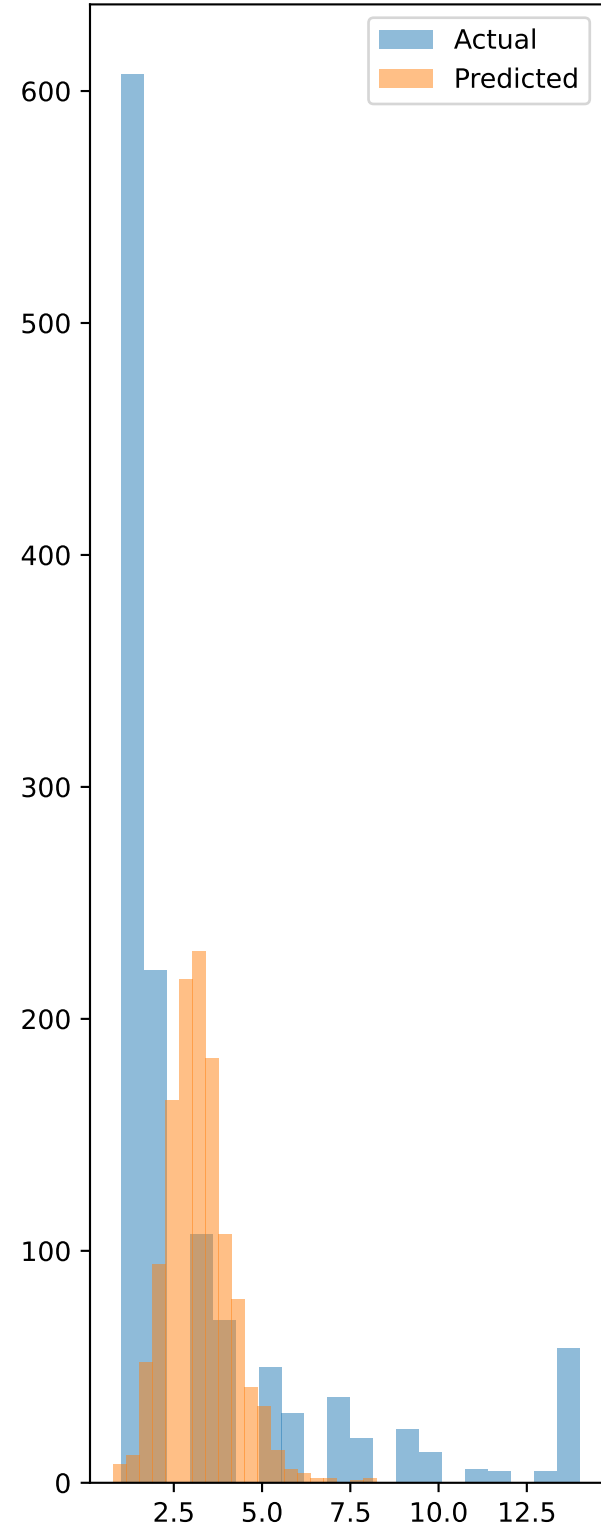
Distribution XGB model for  
Osmolality, Urine  
Asian group  
R2 score: 0.67  
Wasserstein Distance: 37.29



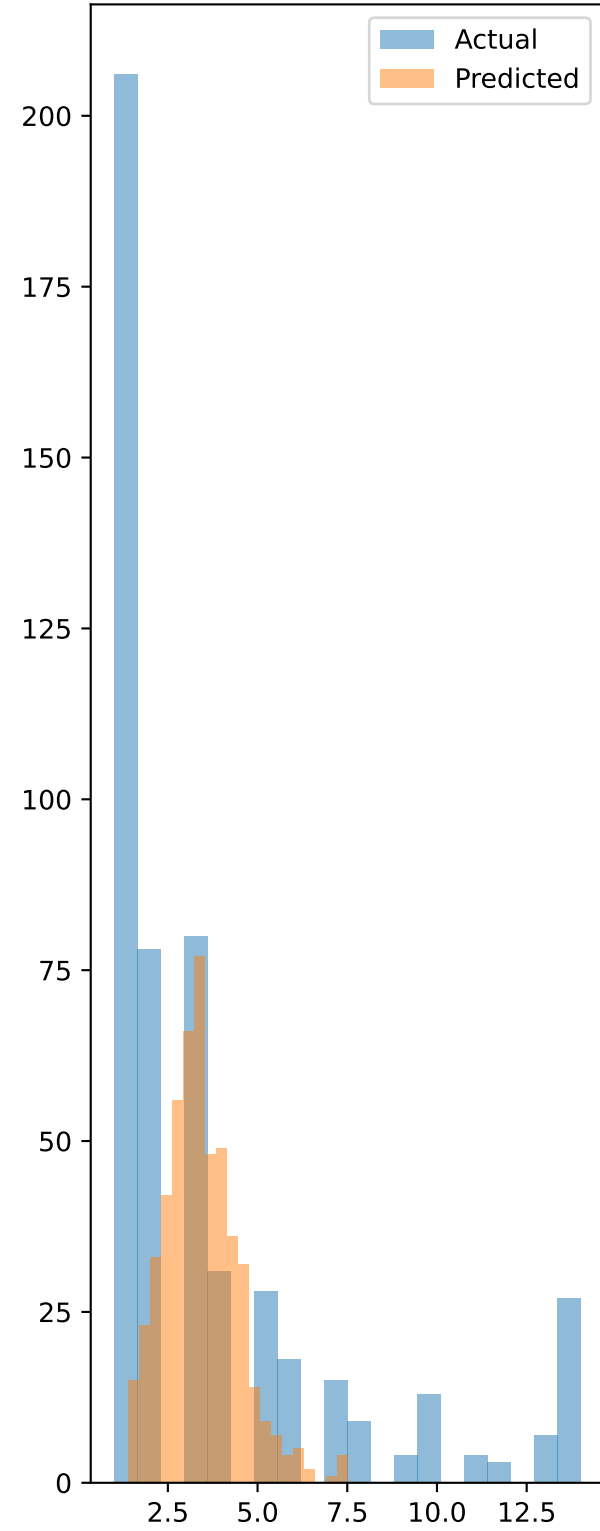
Distribution XGB model for  
Osmolality, Urine  
Others group  
R2 score: 0.74  
Wasserstein Distance: 19.29



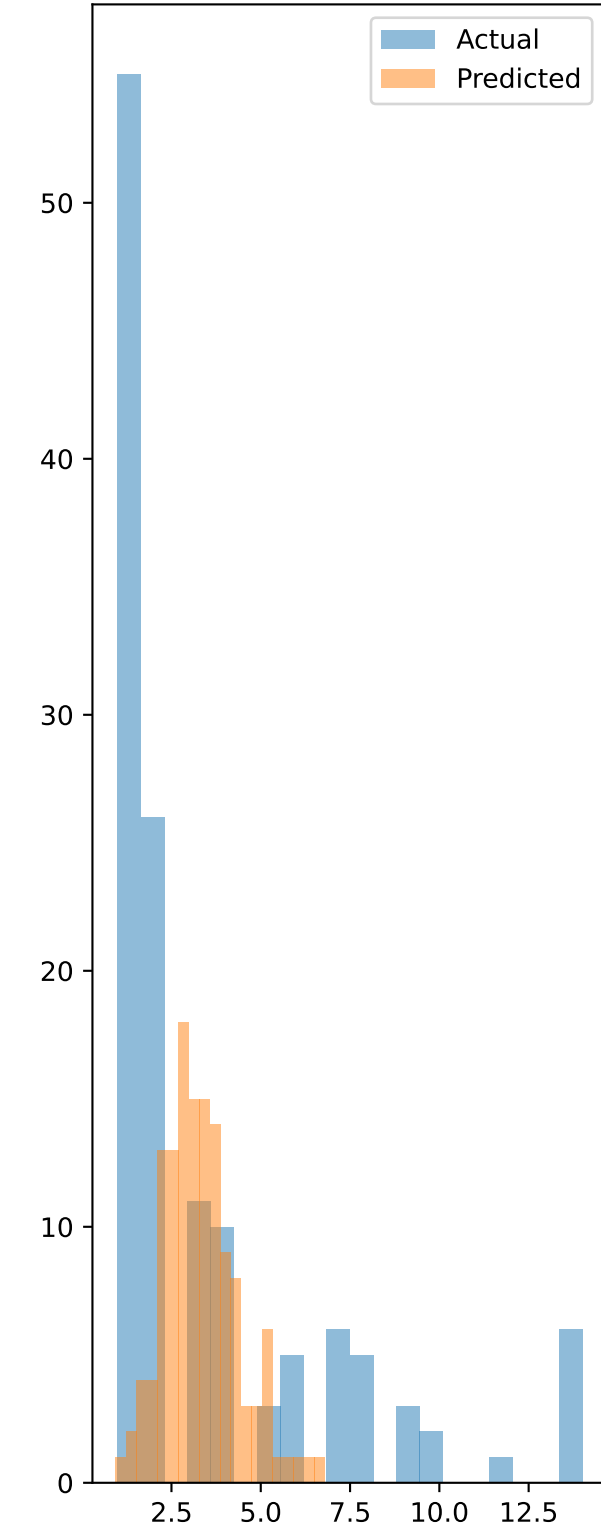
Distribution XGB model for  
Epithelial Cells  
White group  
R2 score: 0.08  
Wasserstein Distance: 1.86



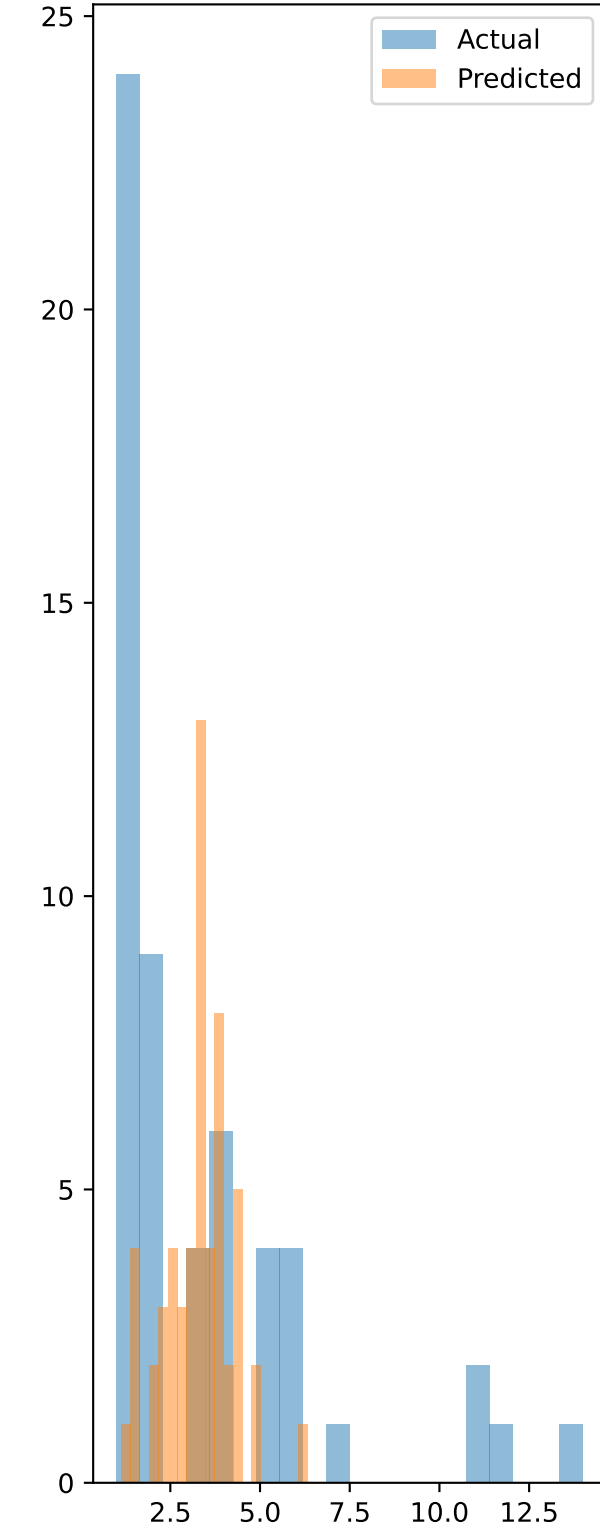
Distribution XGB model for  
Epithelial Cells  
Black group  
R2 score: 0.10  
Wasserstein Distance: 1.87



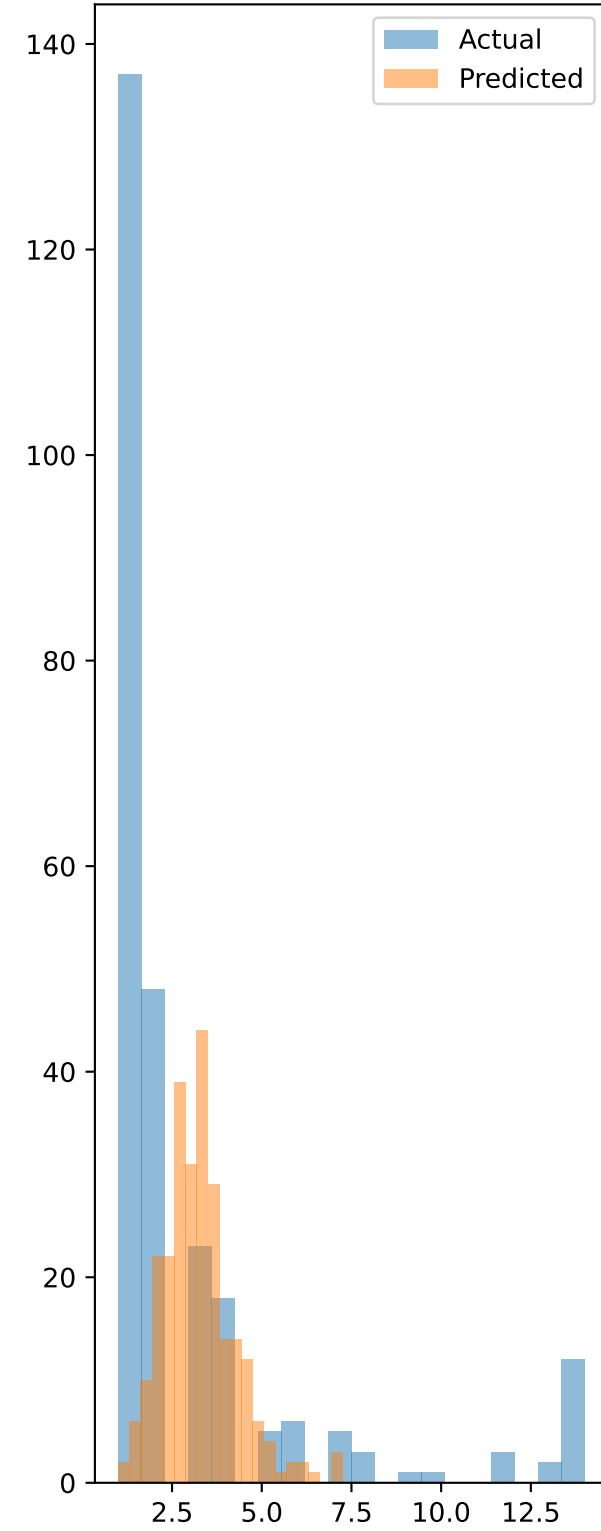
Distribution XGB model for  
Epithelial Cells  
Hispanic group  
R2 score: 0.16  
Wasserstein Distance: 1.80



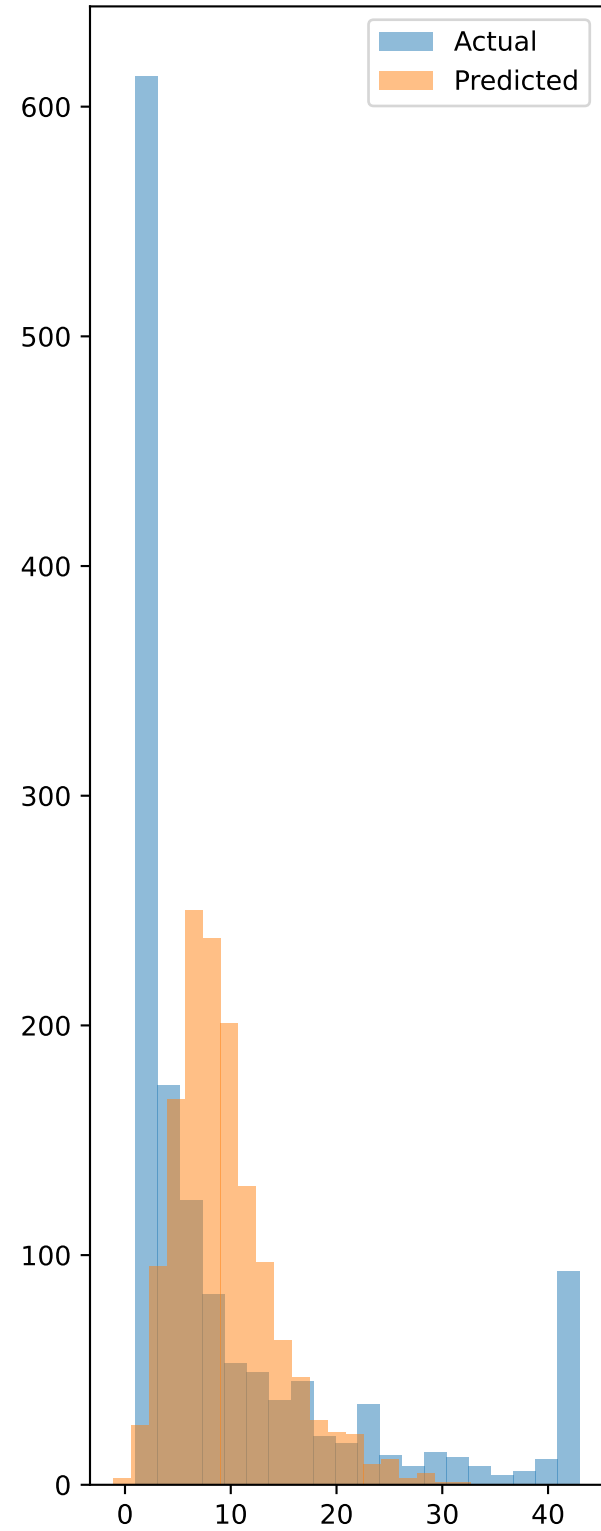
Distribution XGB model for  
Epithelial Cells  
Asian group  
R2 score: 0.07  
Wasserstein Distance: 1.65



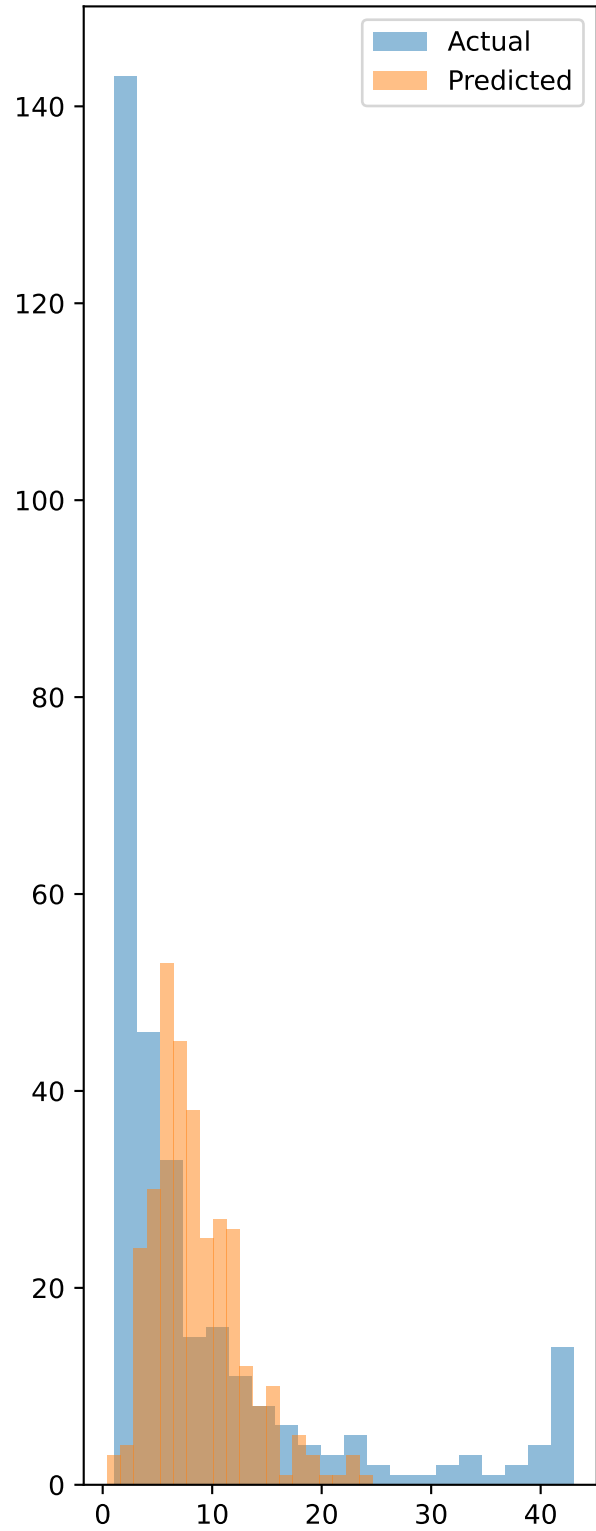
Distribution XGB model for  
Epithelial Cells  
Others group  
R2 score: 0.06  
Wasserstein Distance: 1.77



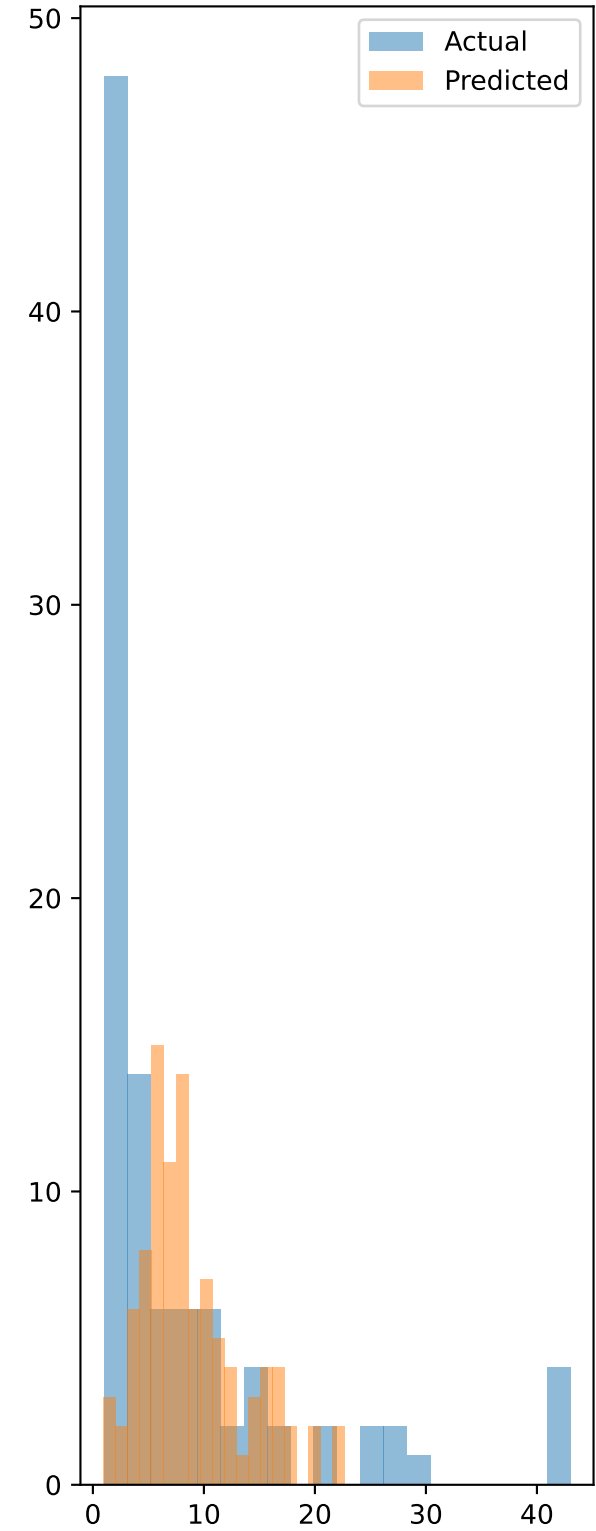
Distribution XGB model for  
Hyaline Casts  
White group  
R2 score: 0.19  
Wasserstein Distance: 5.20



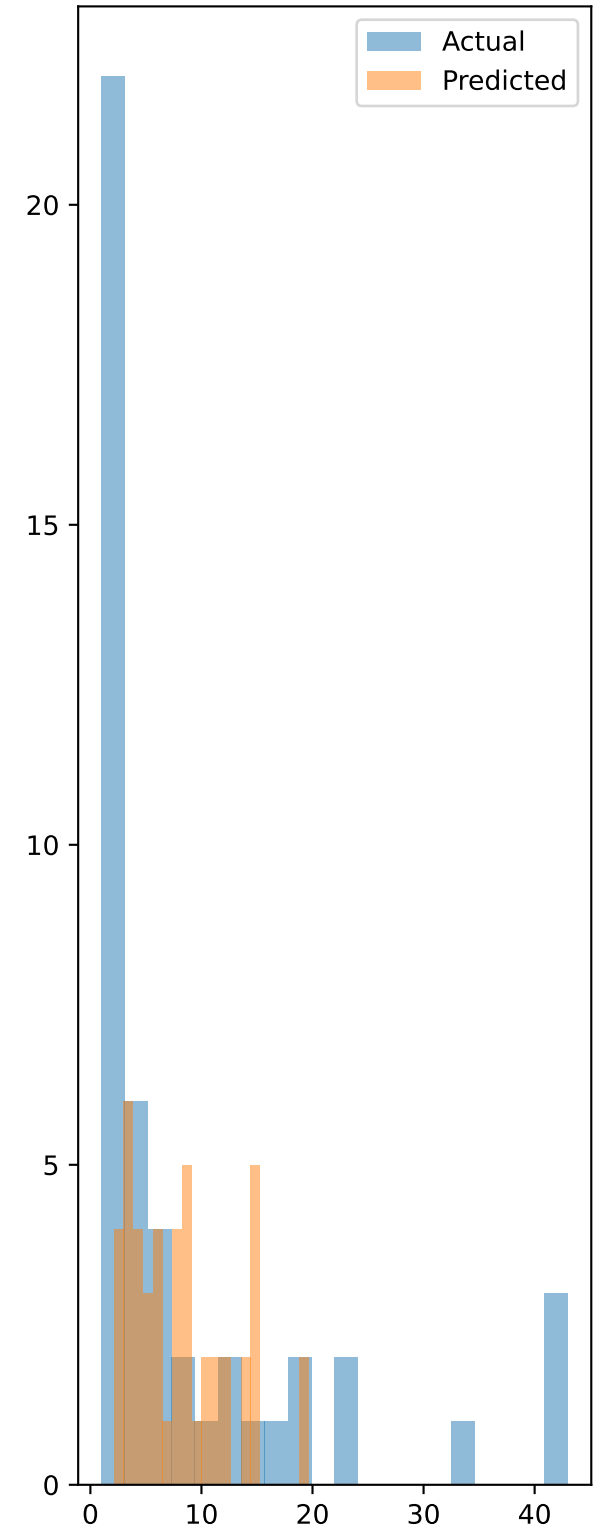
Distribution XGB model for  
Hyaline Casts  
Black group  
R2 score: 0.14  
Wasserstein Distance: 4.82



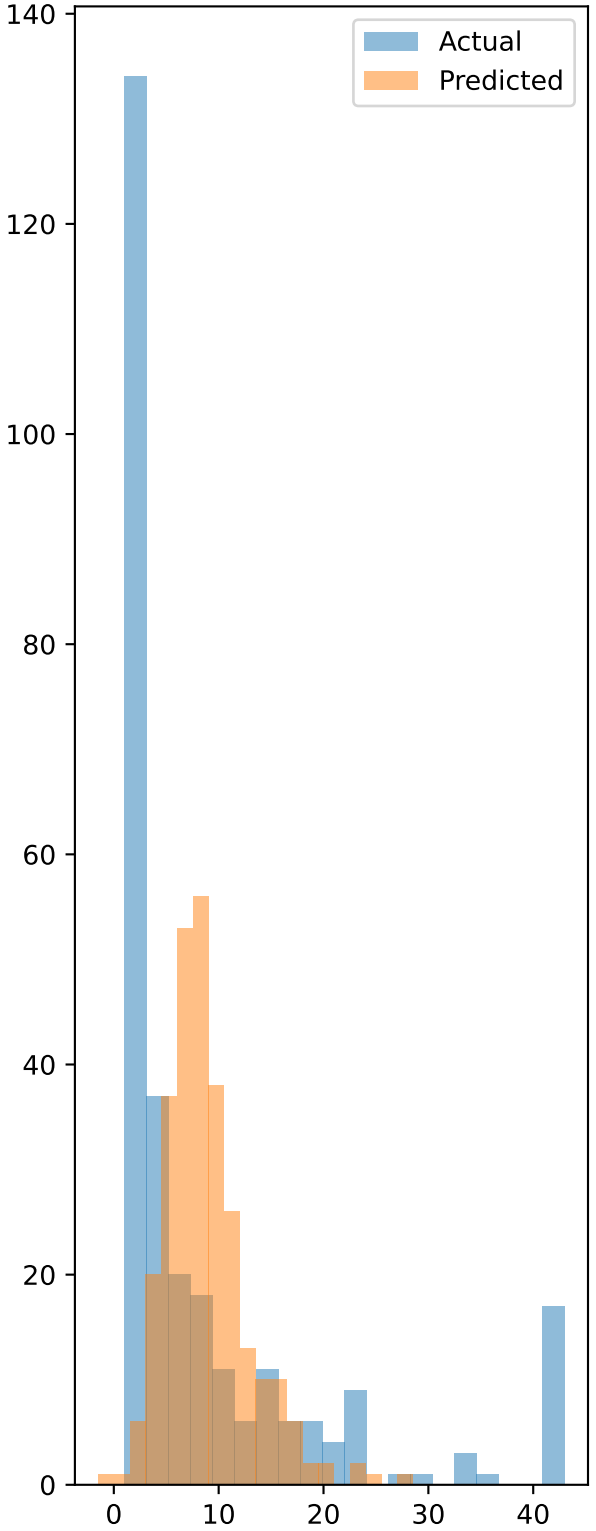
Distribution XGB model for  
Hyaline Casts  
Hispanic group  
R2 score: 0.18  
Wasserstein Distance: 4.27

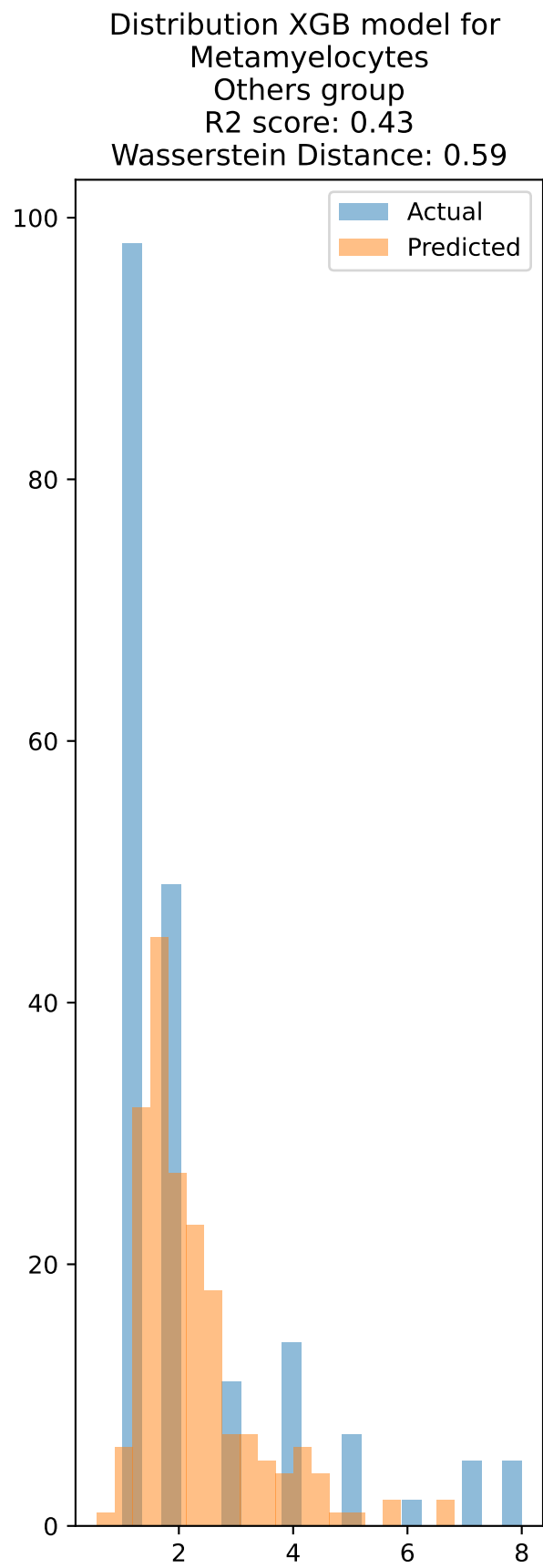
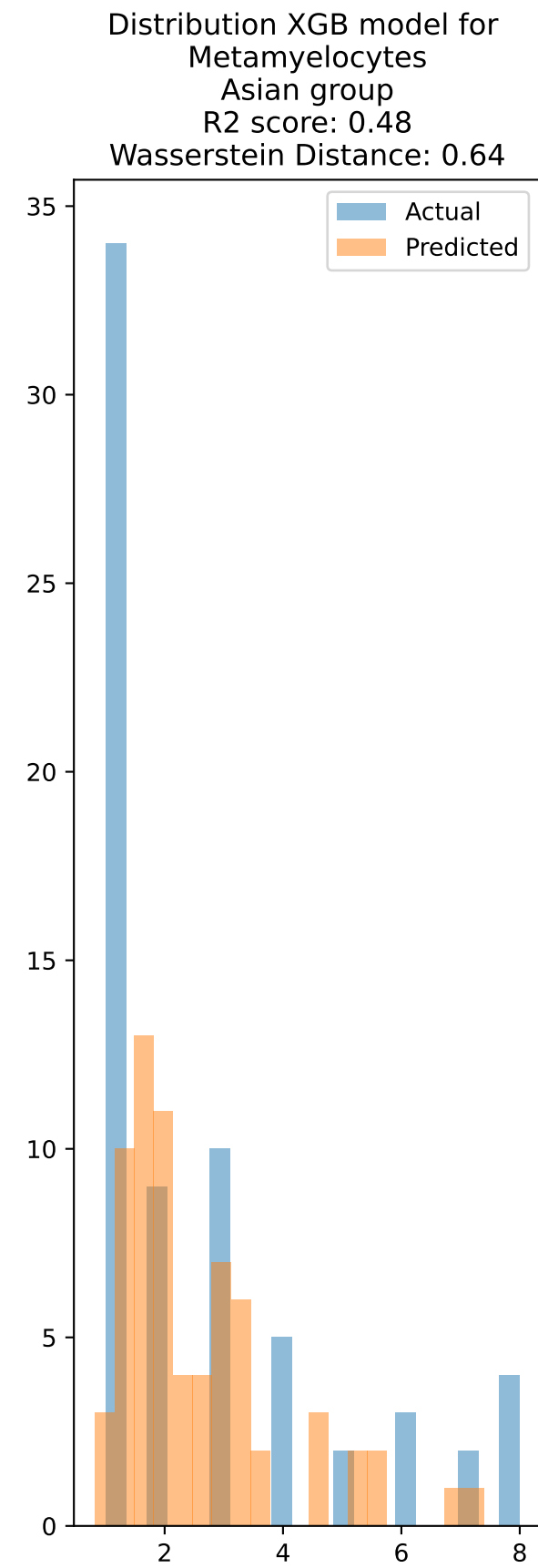
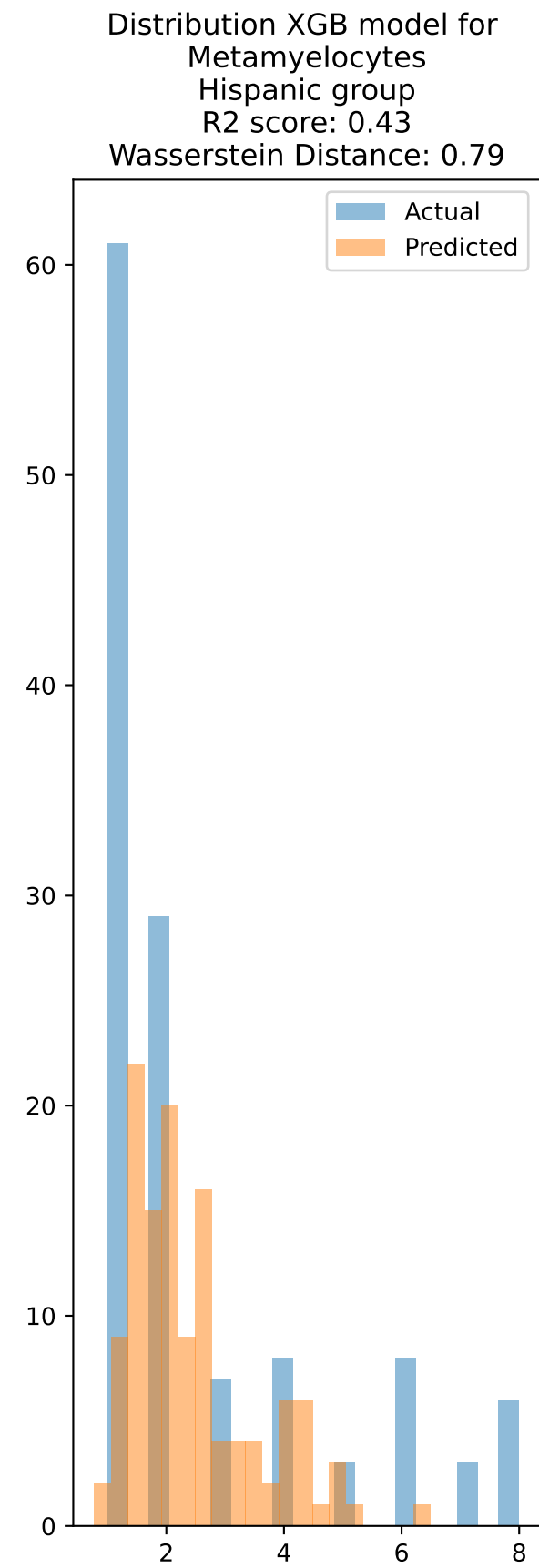
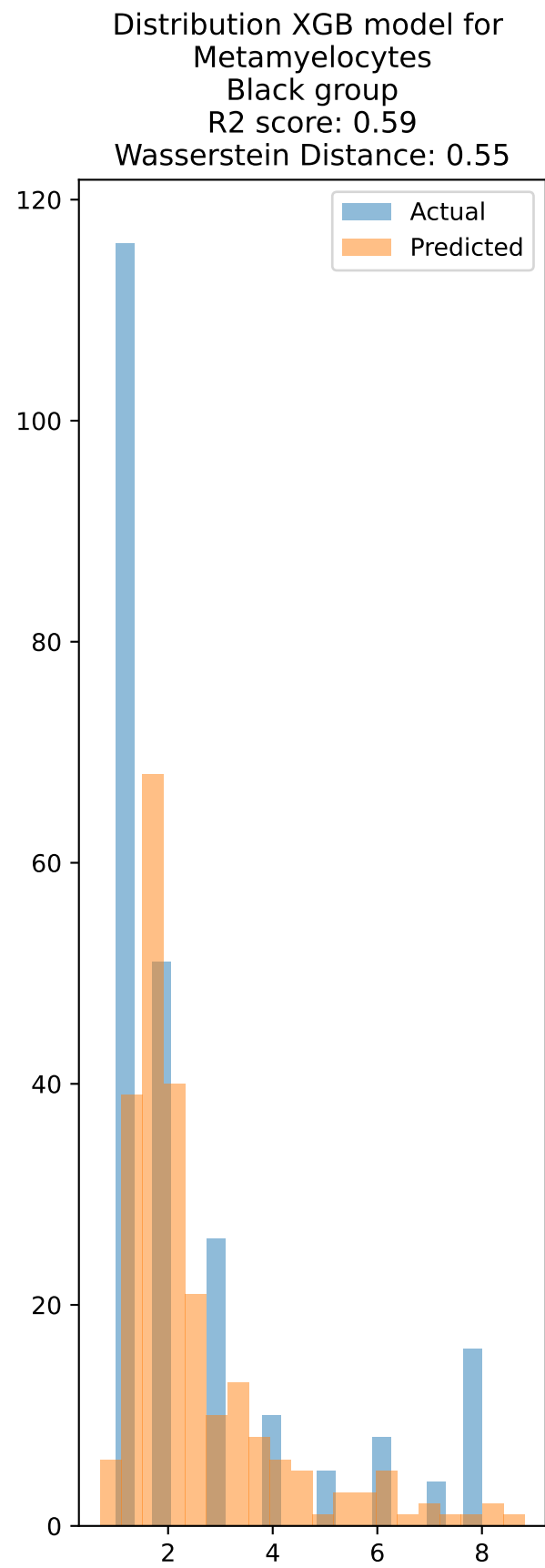
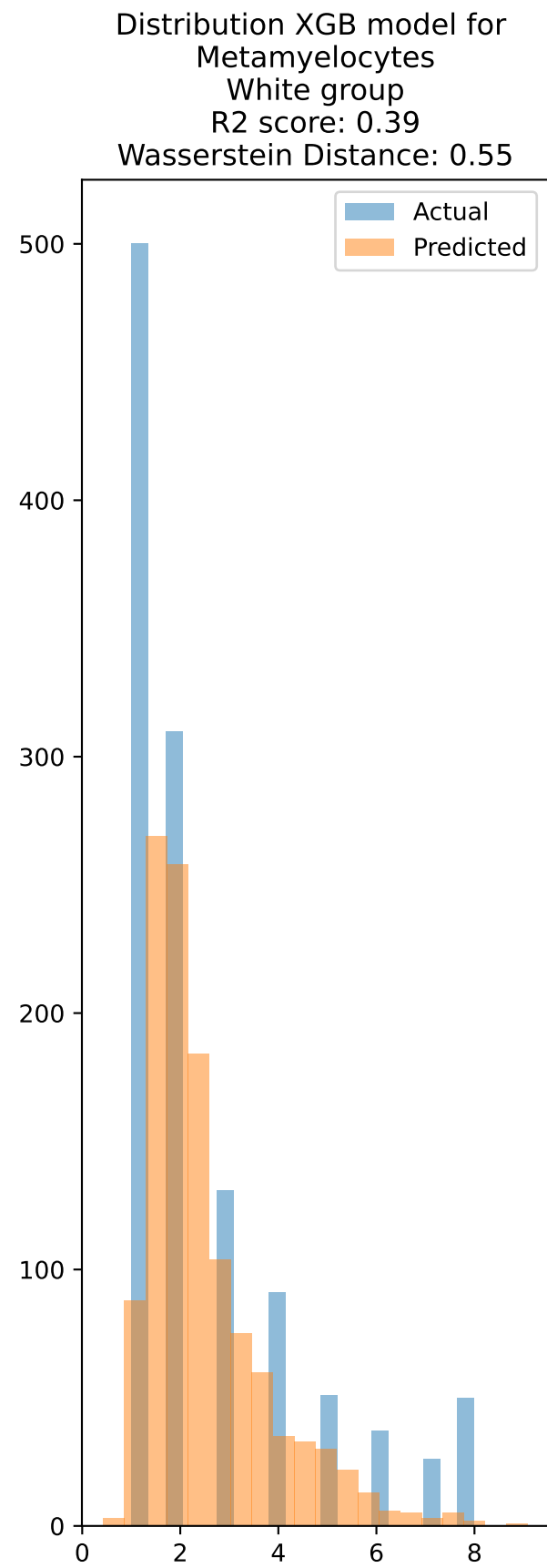


Distribution XGB model for  
Hyaline Casts  
Asian group  
R2 score: 0.09  
Wasserstein Distance: 4.44

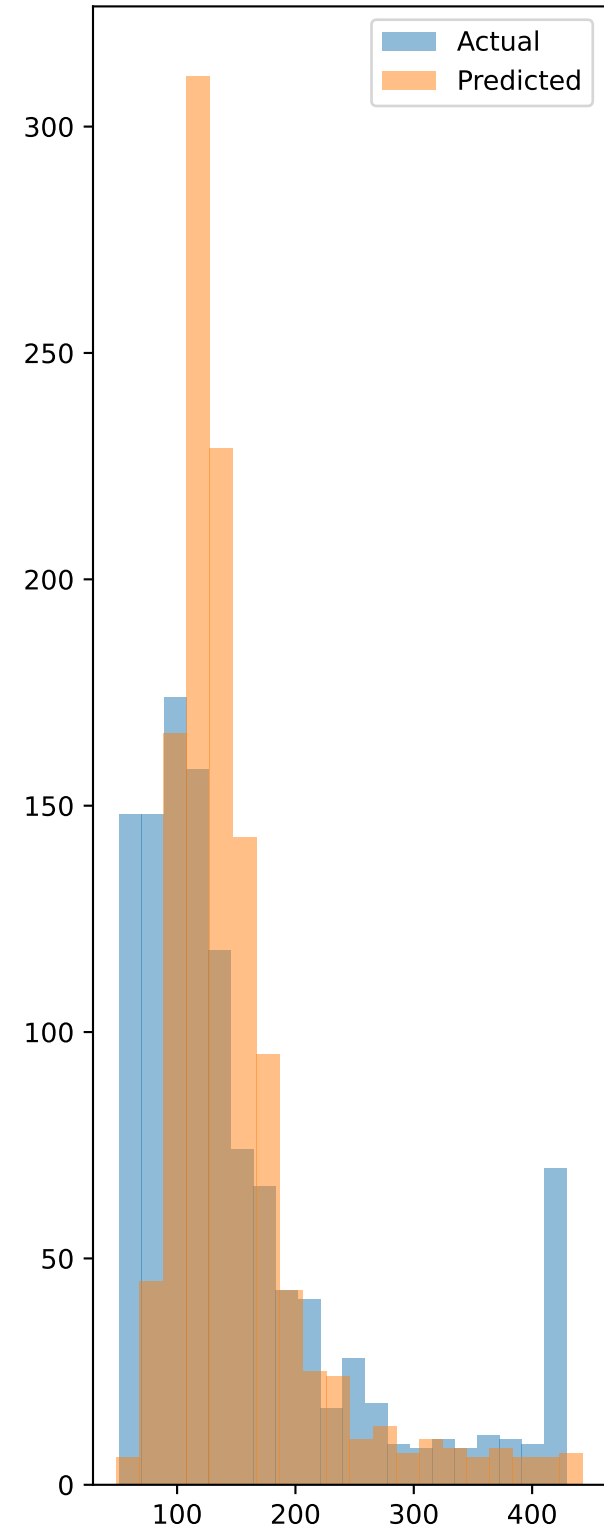


Distribution XGB model for  
Hyaline Casts  
Others group  
R2 score: 0.17  
Wasserstein Distance: 5.18

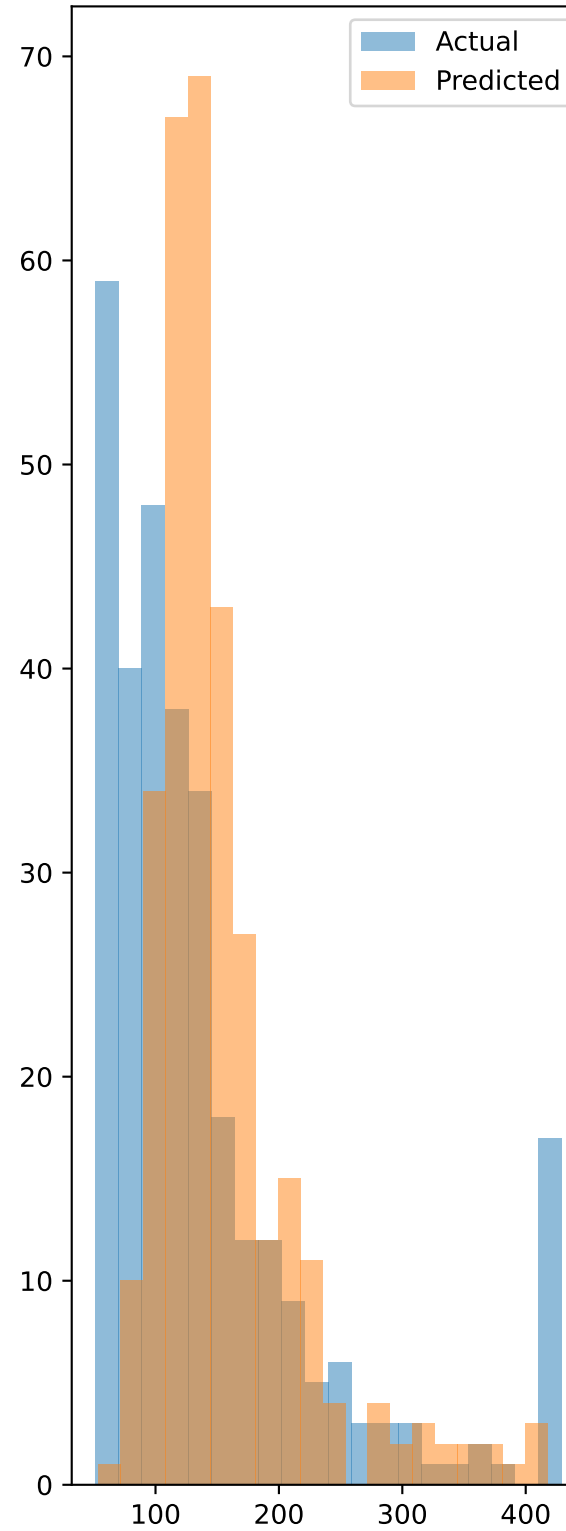




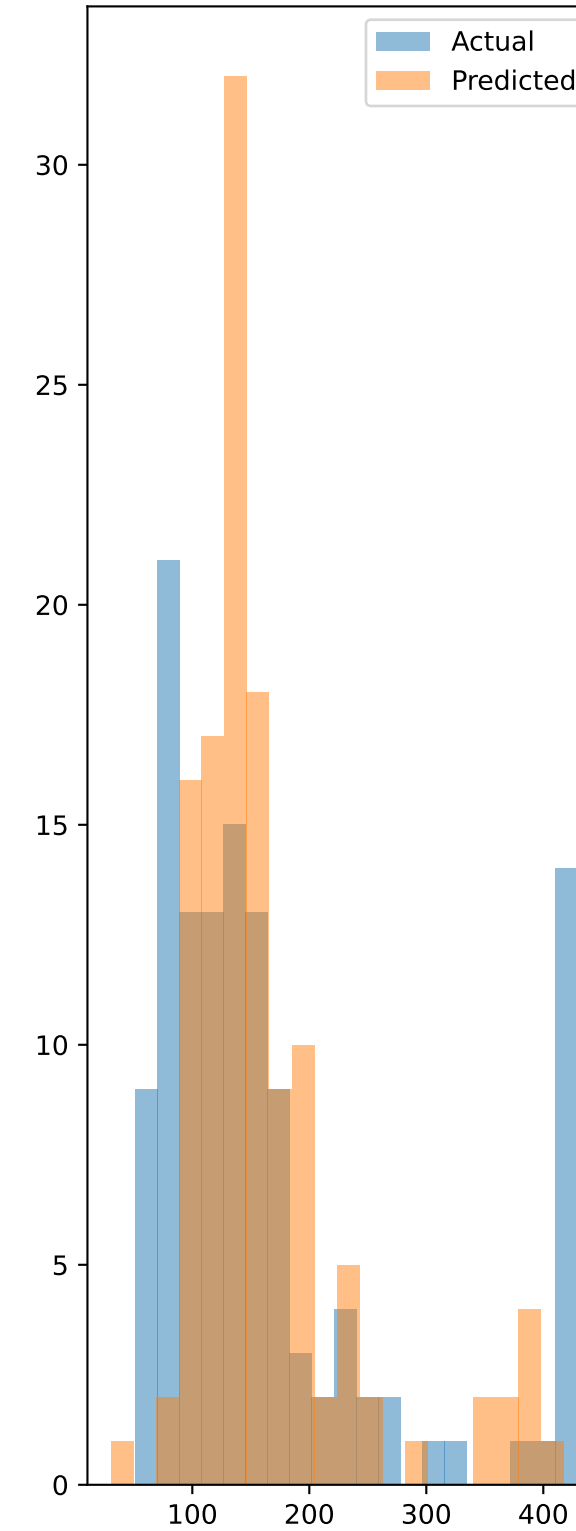
Distribution XGB model for  
Triglycerides  
White group  
R2 score: 0.46  
Wasserstein Distance: 30.47



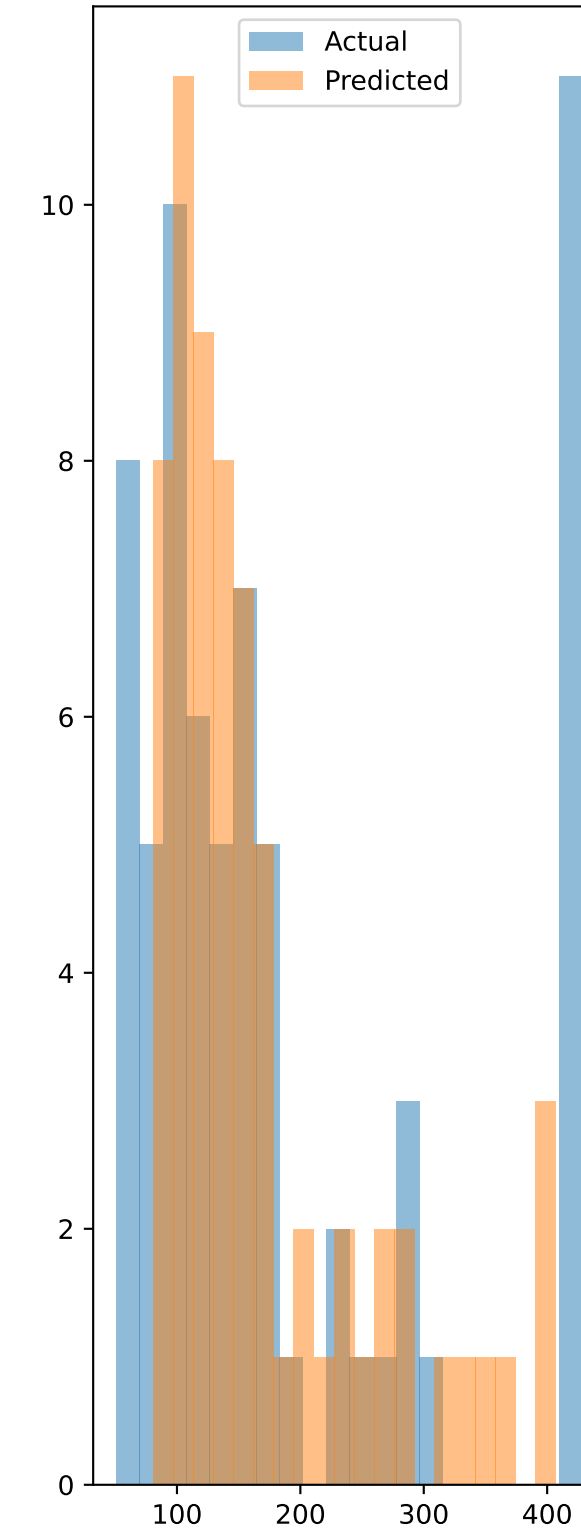
Distribution XGB model for  
Triglycerides  
Black group  
R2 score: 0.46  
Wasserstein Distance: 32.34



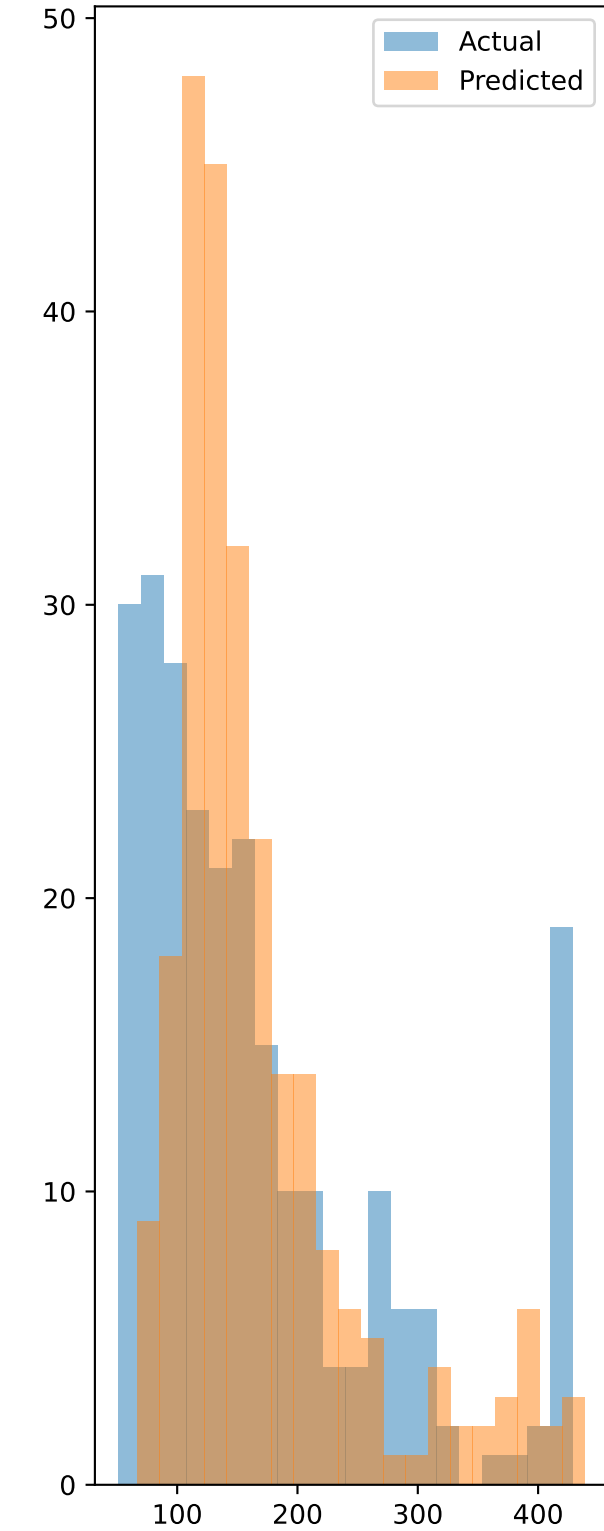
Distribution XGB model for  
Triglycerides  
Hispanic group  
R2 score: 0.49  
Wasserstein Distance: 32.46



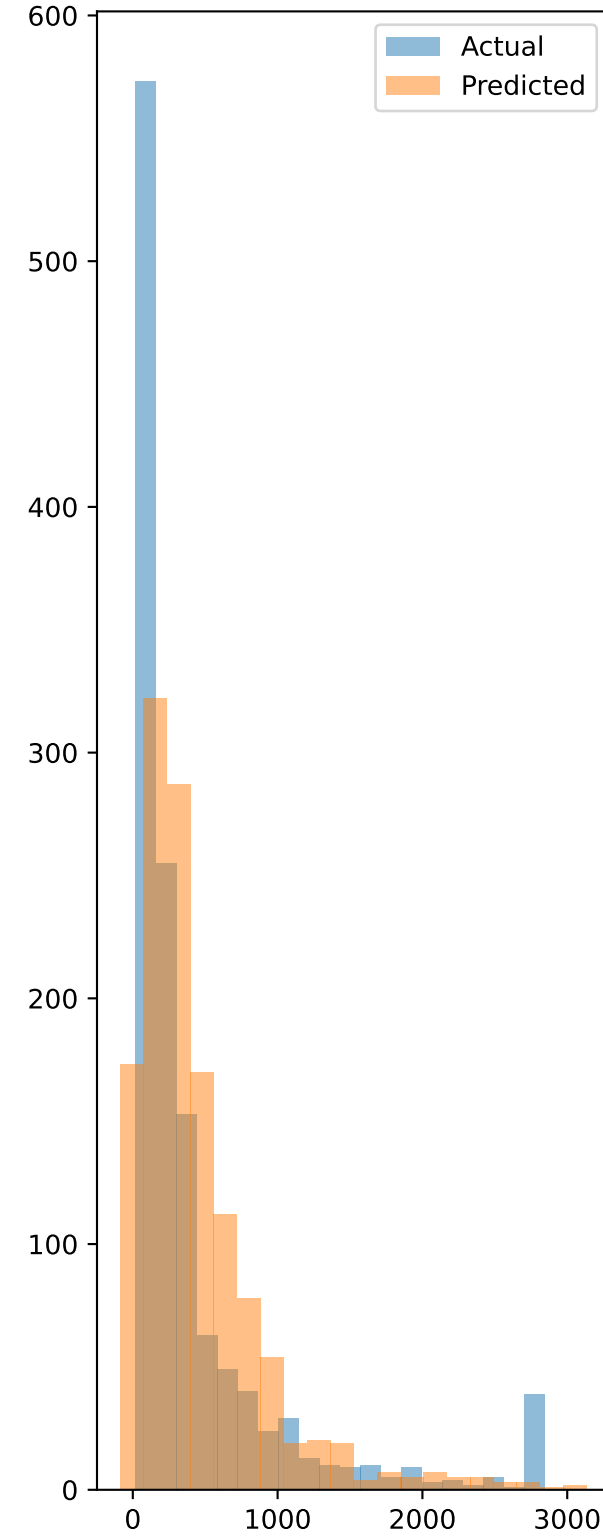
Distribution XGB model for  
Triglycerides  
Asian group  
R2 score: 0.61  
Wasserstein Distance: 32.67



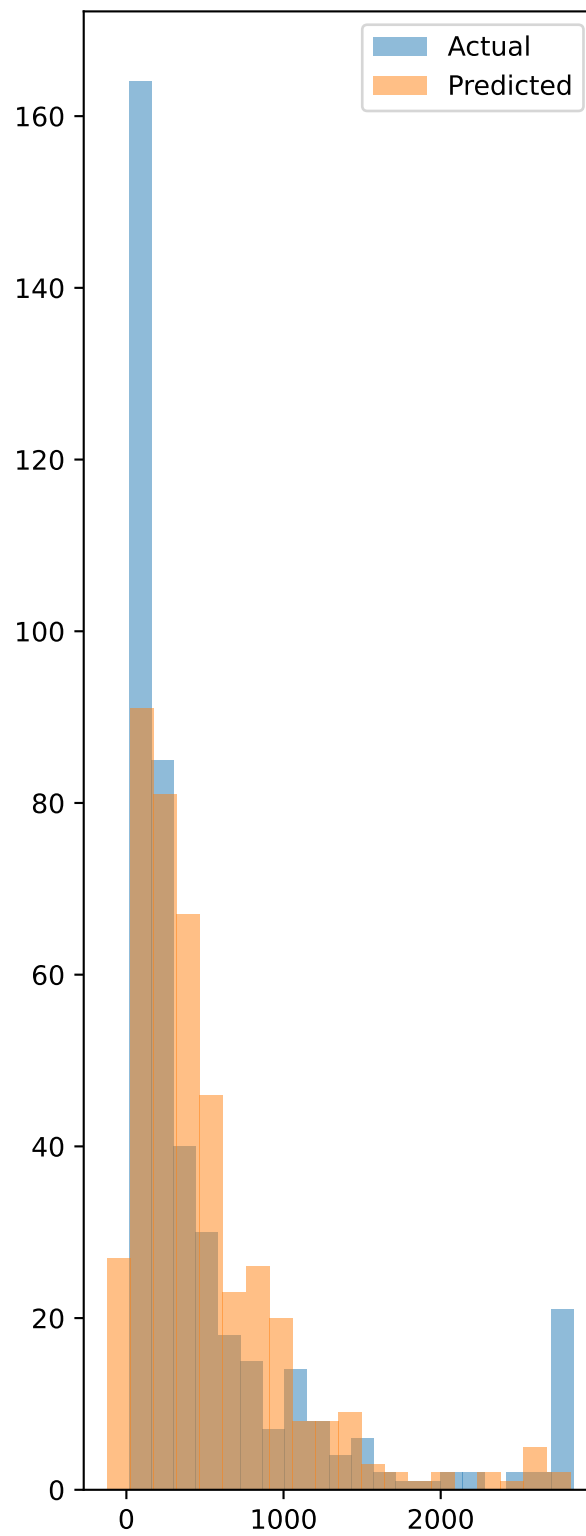
Distribution XGB model for  
Triglycerides  
Others group  
R2 score: 0.43  
Wasserstein Distance: 25.47



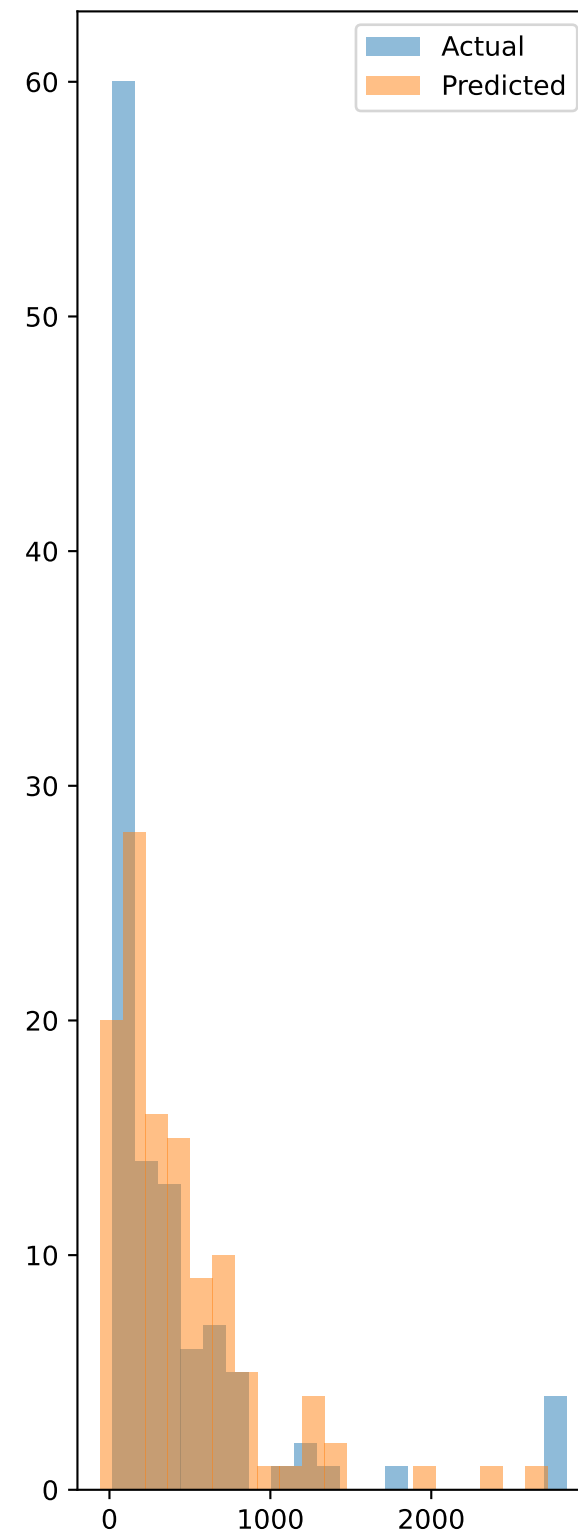
Distribution XGB model for  
Ferritin  
White group  
R2 score: 0.61  
Wasserstein Distance: 125.86



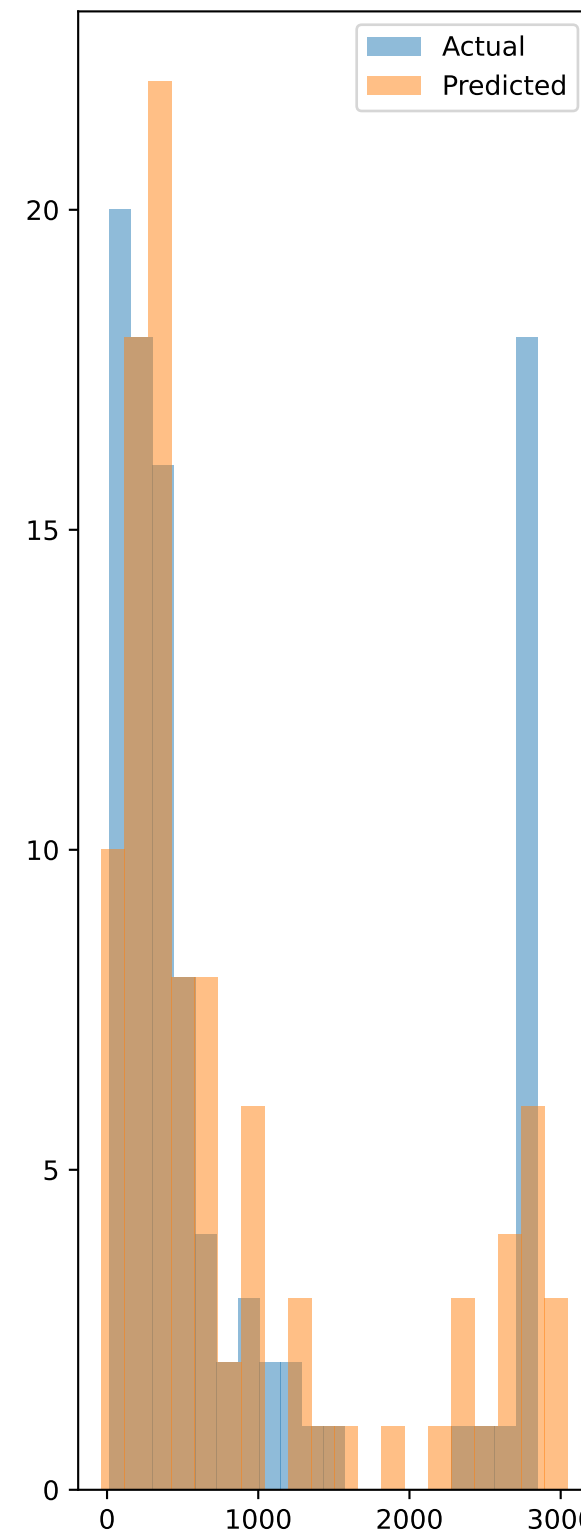
Distribution XGB model for  
Ferritin  
Black group  
R2 score: 0.60  
Wasserstein Distance: 143.64



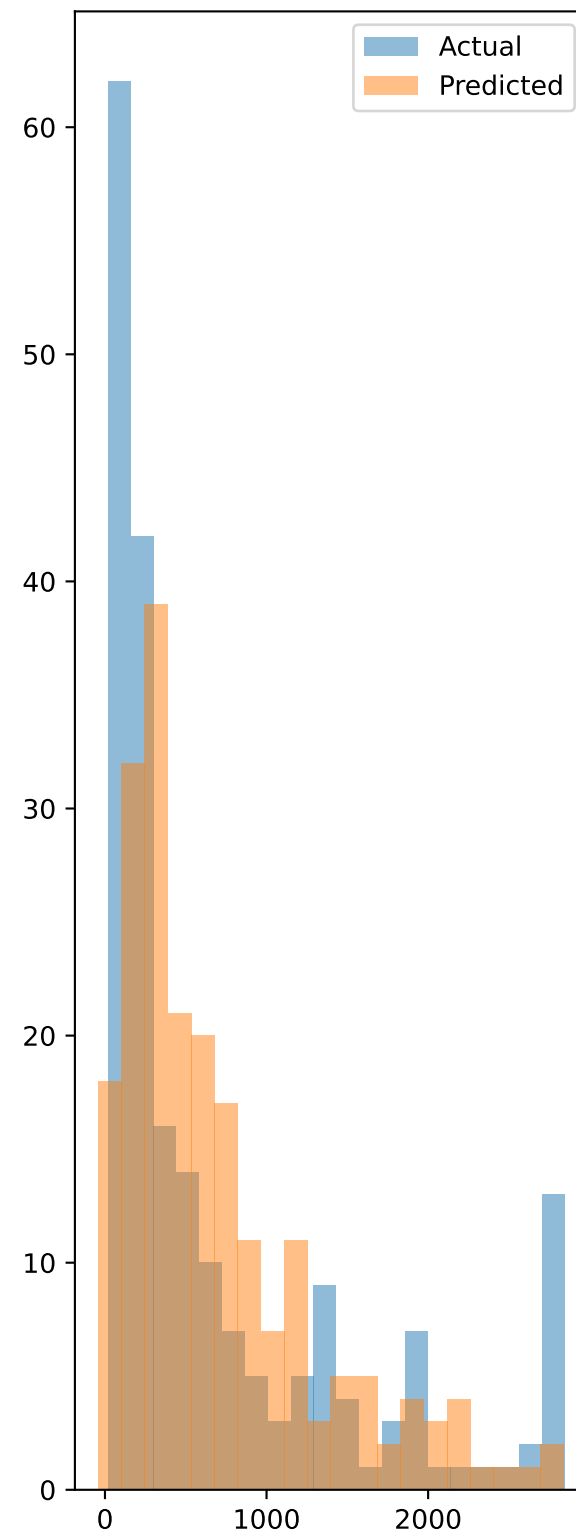
Distribution XGB model for  
Ferritin  
Hispanic group  
R2 score: 0.71  
Wasserstein Distance: 134.69



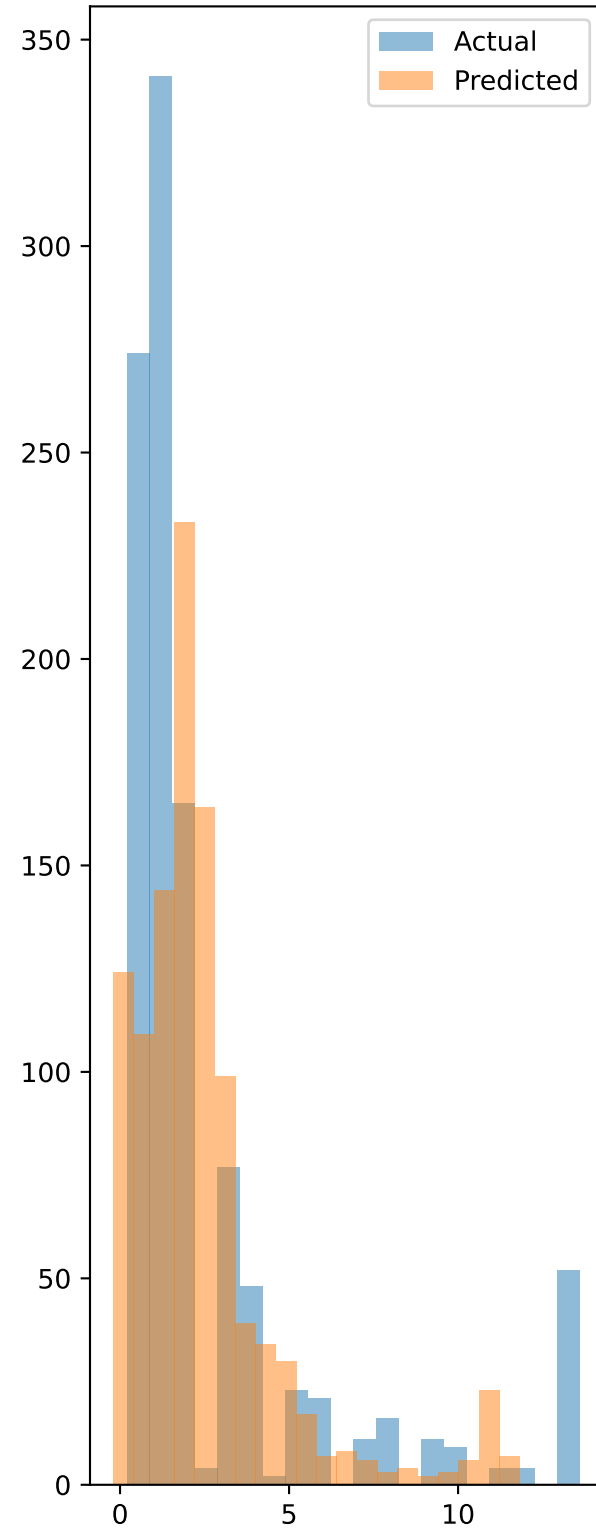
Distribution XGB model for  
Ferritin  
Asian group  
R2 score: 0.90  
Wasserstein Distance: 98.33



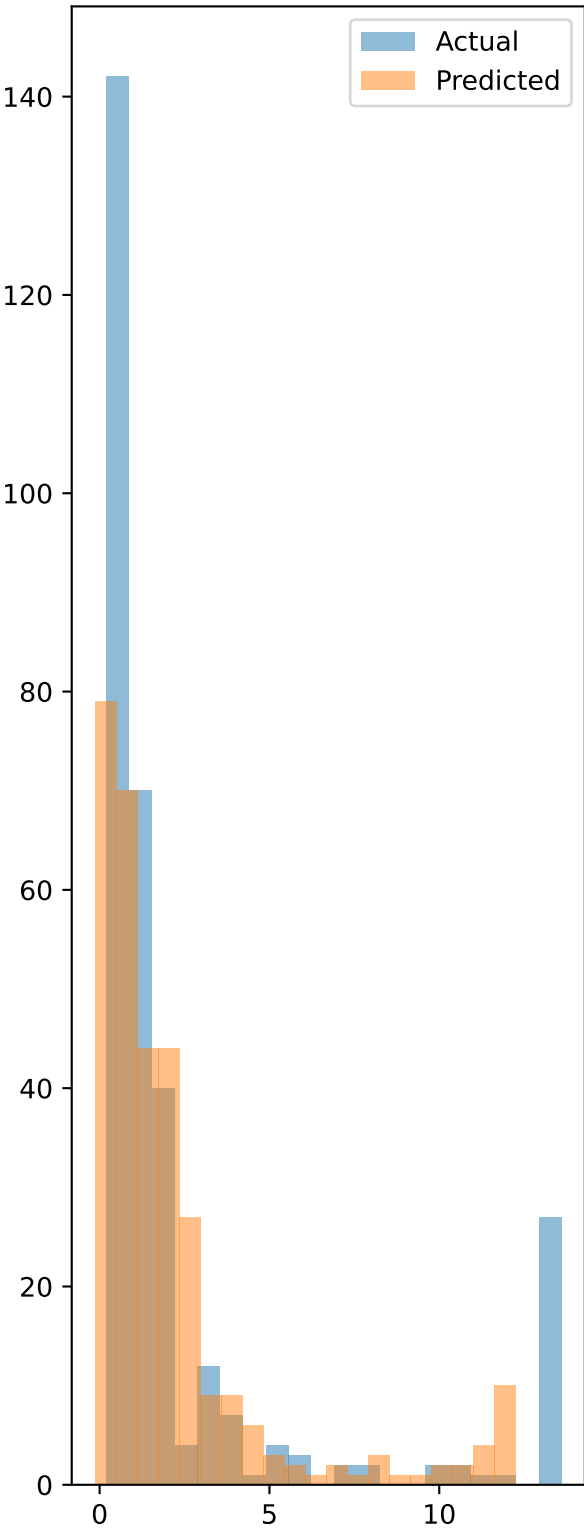
Distribution XGB model for  
Ferritin  
Others group  
R2 score: 0.61  
Wasserstein Distance: 180.25



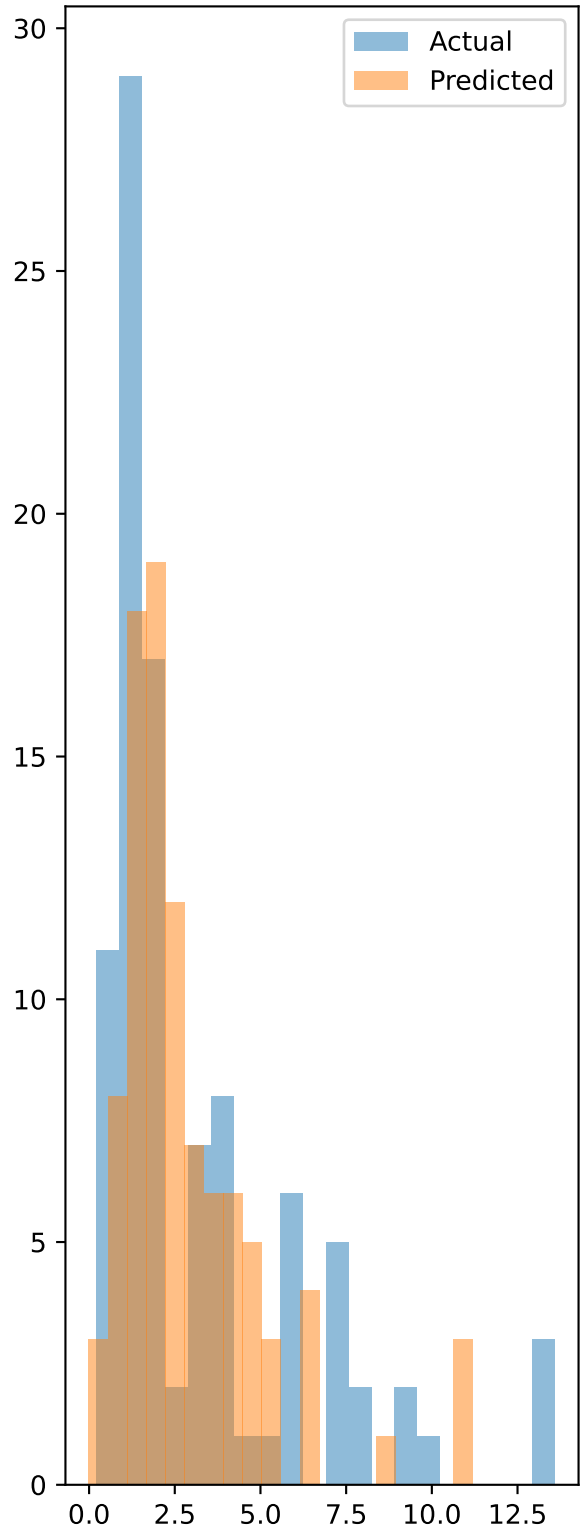
Distribution XGB model for  
Nucleated Red Cells  
White group  
R2 score: 0.53  
Wasserstein Distance: 0.78



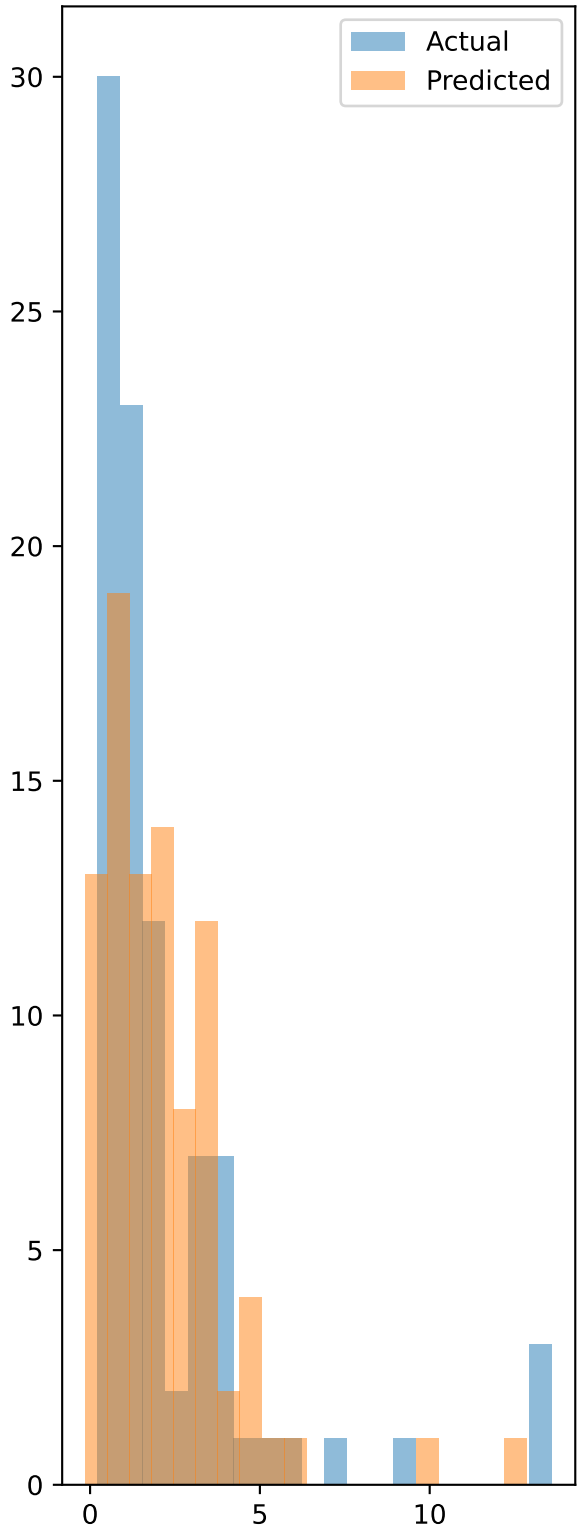
Distribution XGB model for  
Nucleated Red Cells  
Black group  
R2 score: 0.69  
Wasserstein Distance: 0.67



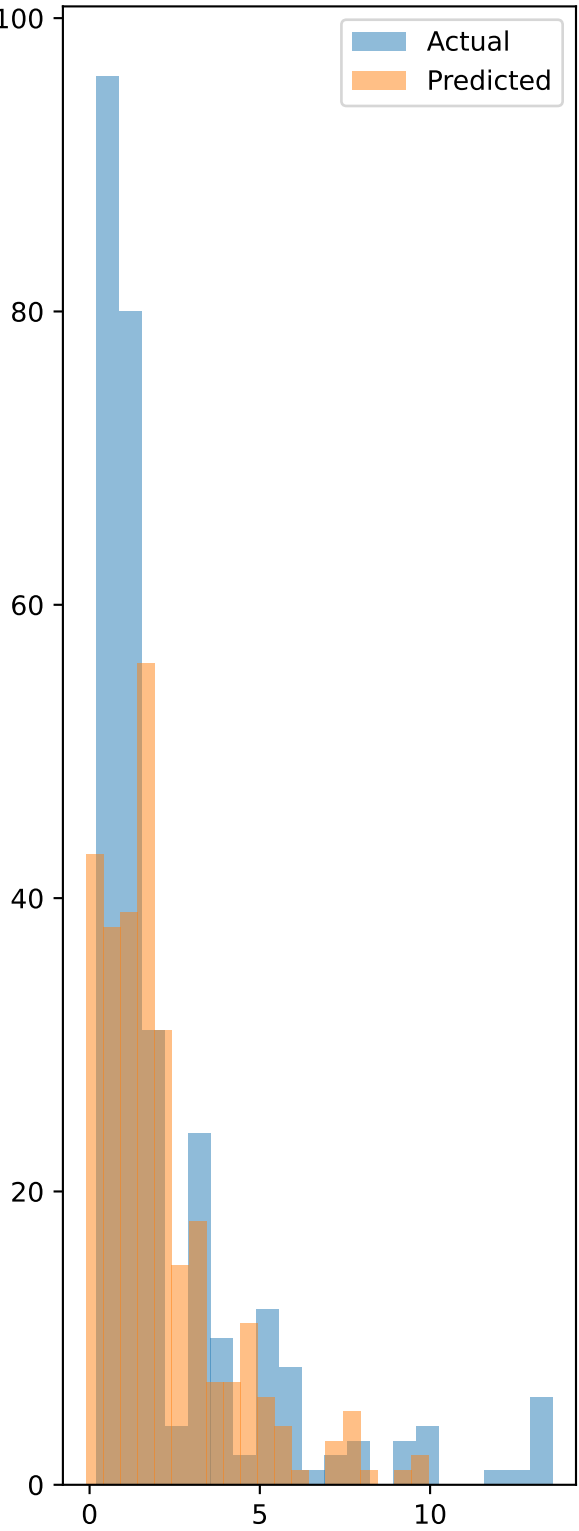
Distribution XGB model for  
Nucleated Red Cells  
Hispanic group  
R2 score: 0.32  
Wasserstein Distance: 0.69

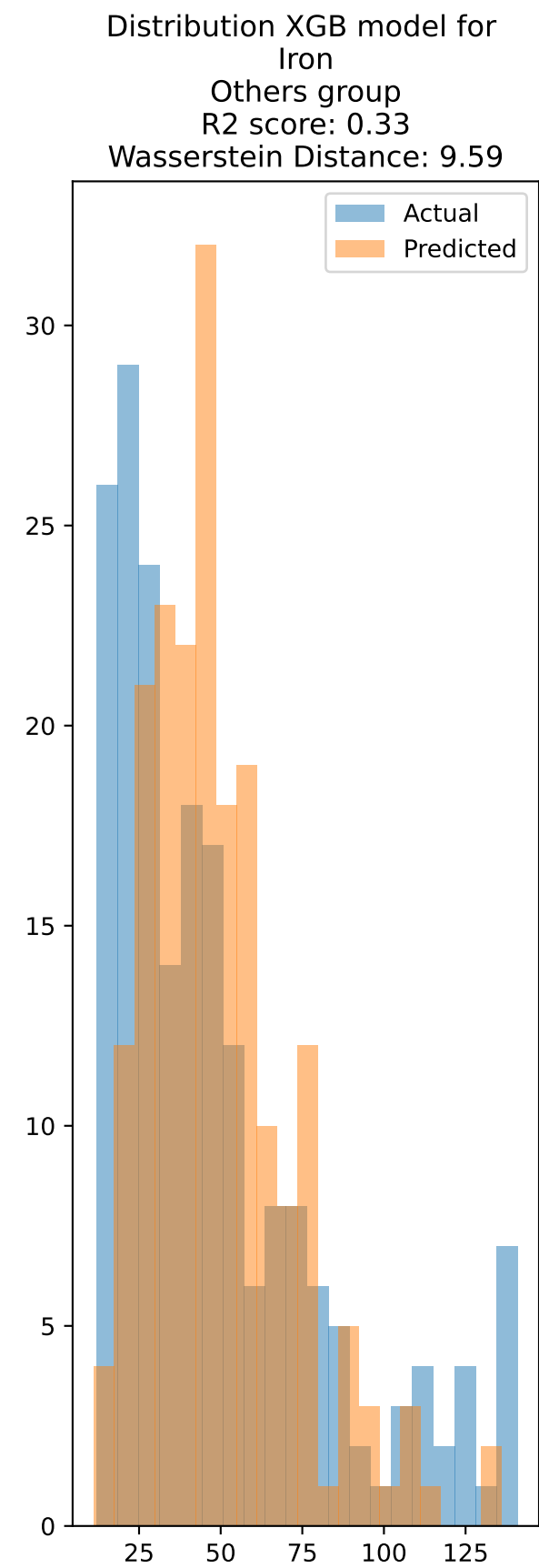
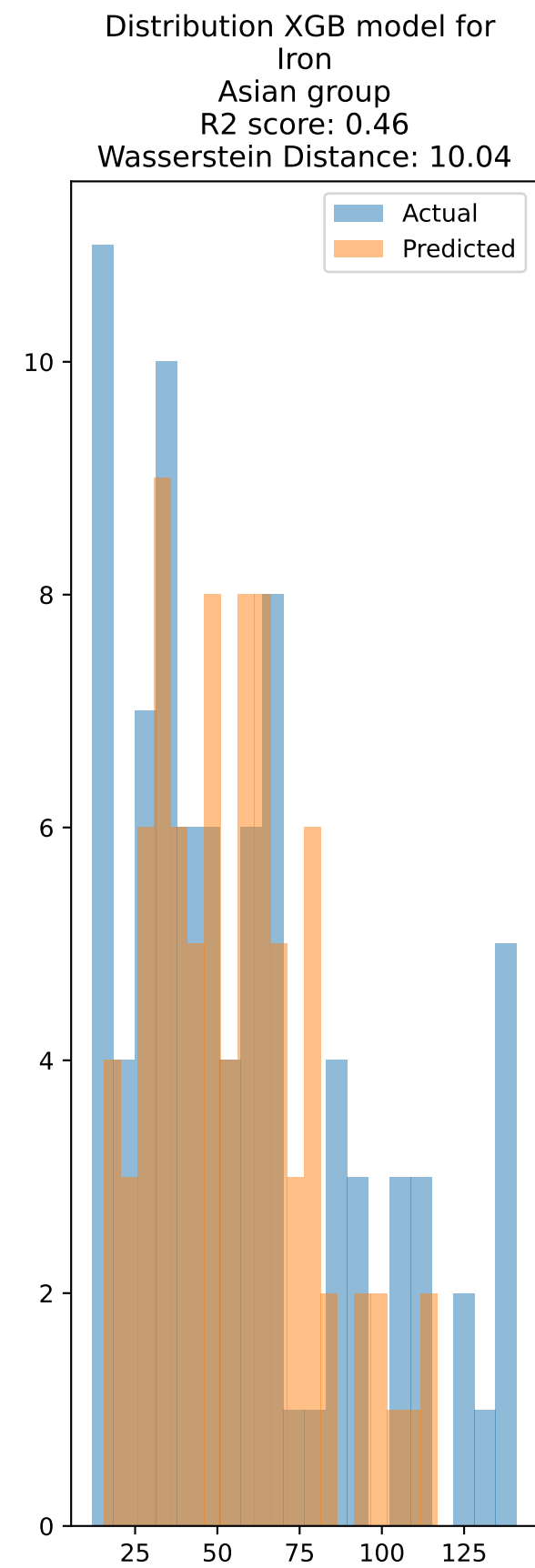
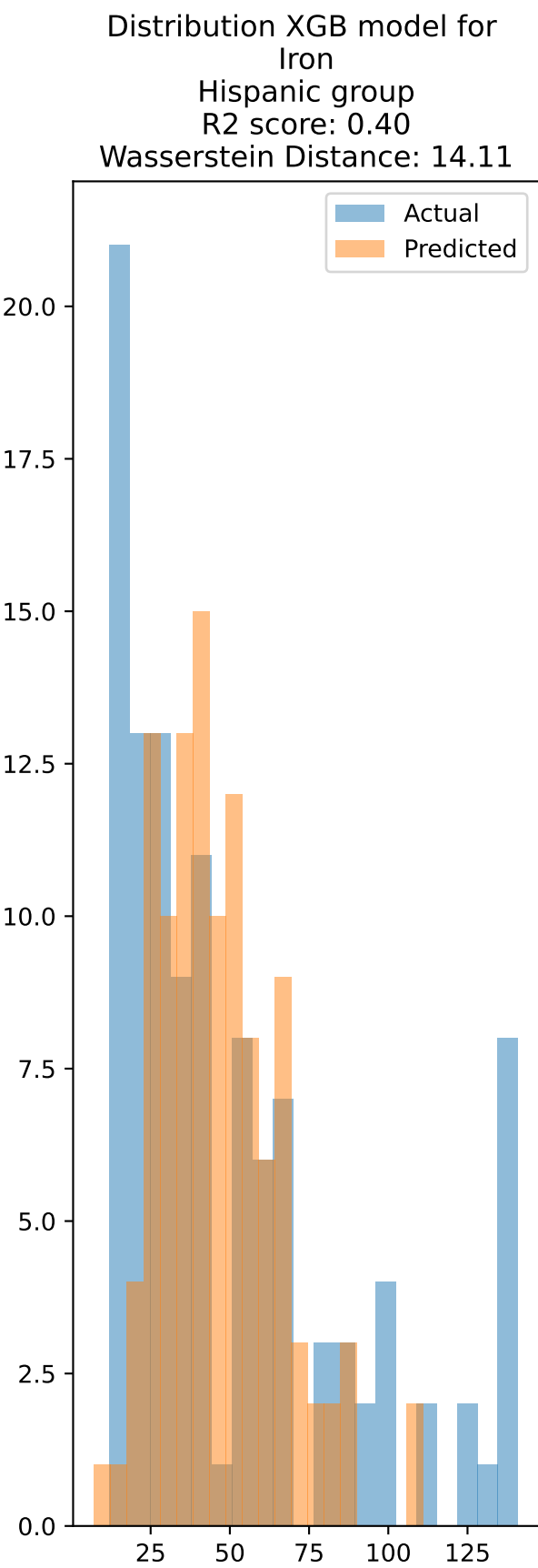
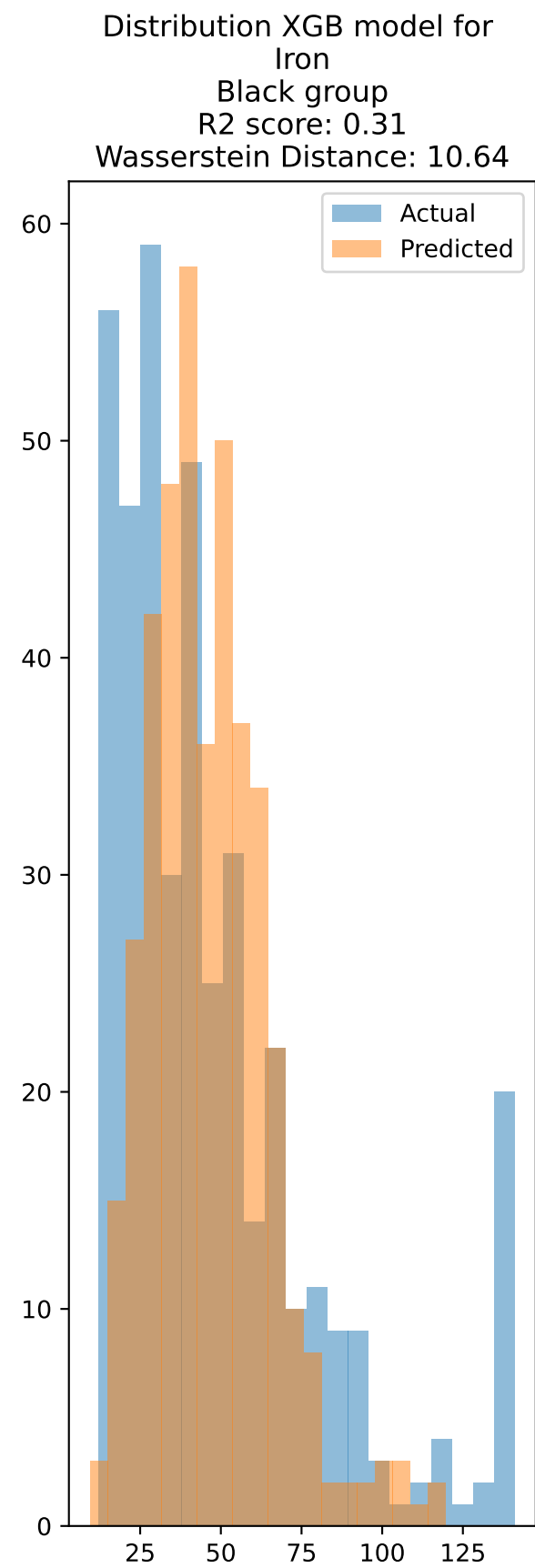
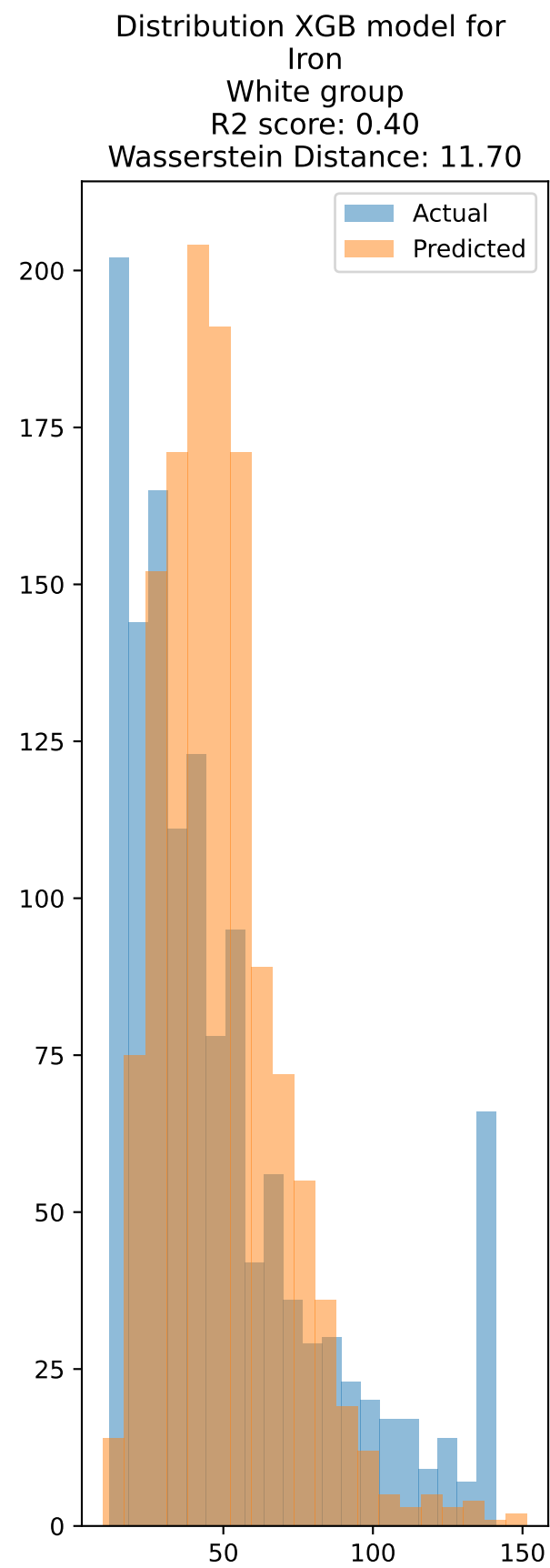


Distribution XGB model for  
Nucleated Red Cells  
Asian group  
R2 score: 0.33  
Wasserstein Distance: 0.57

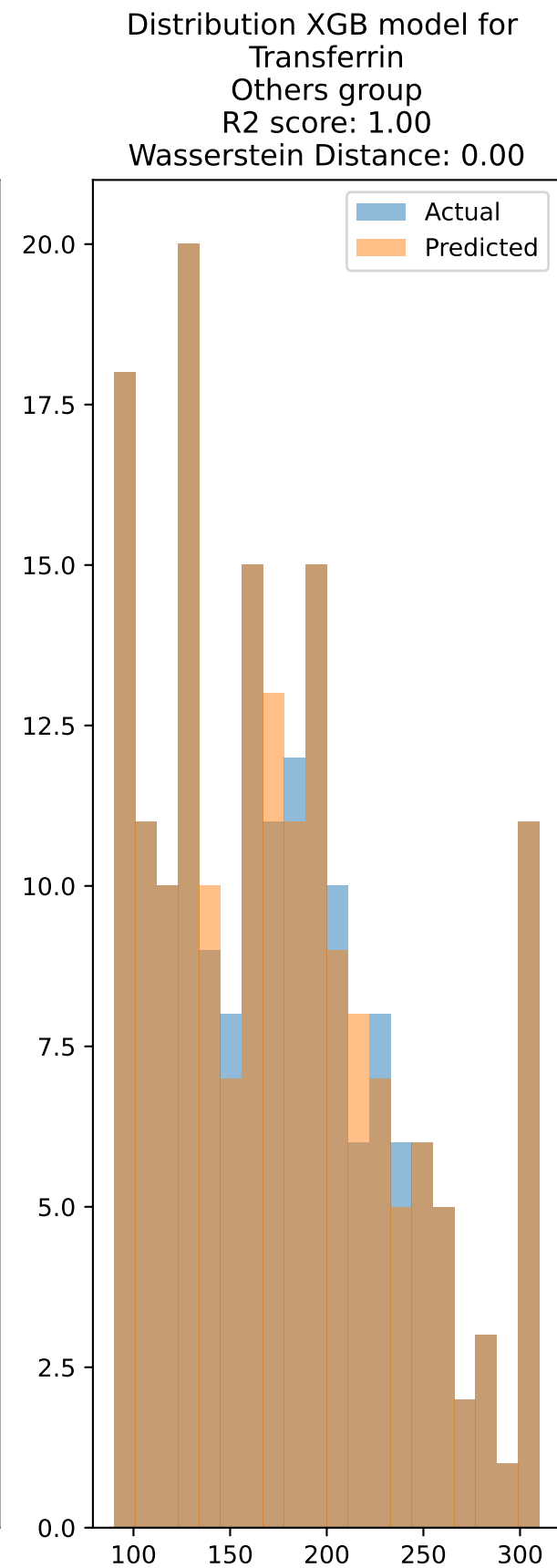
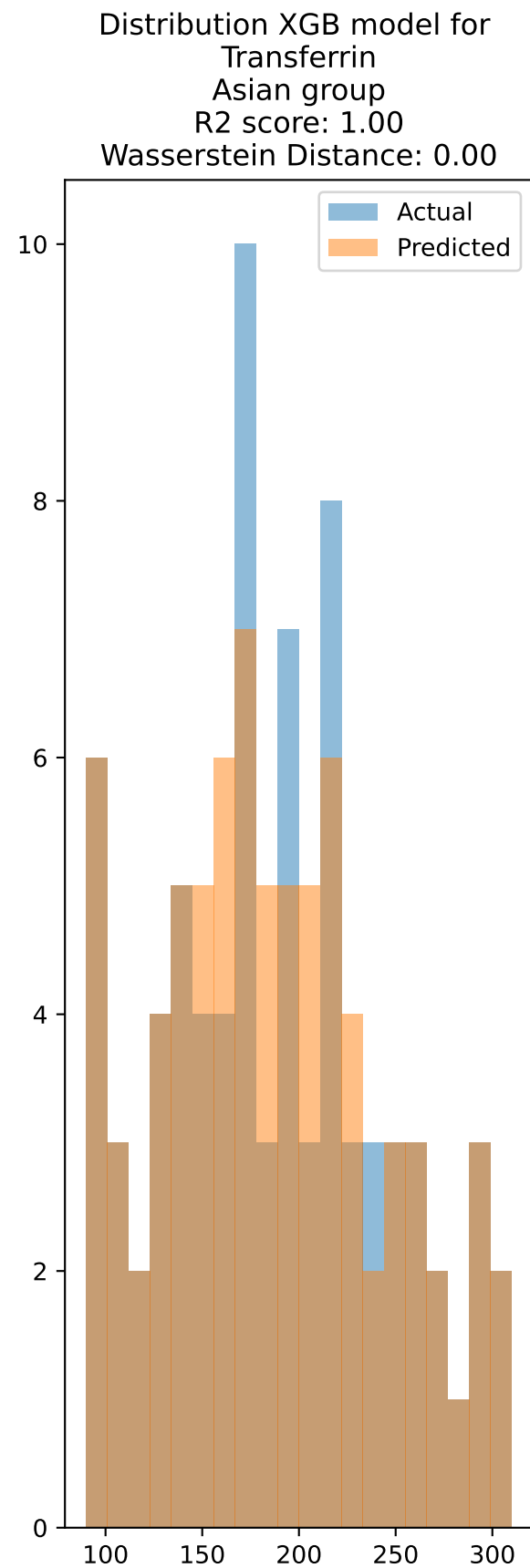
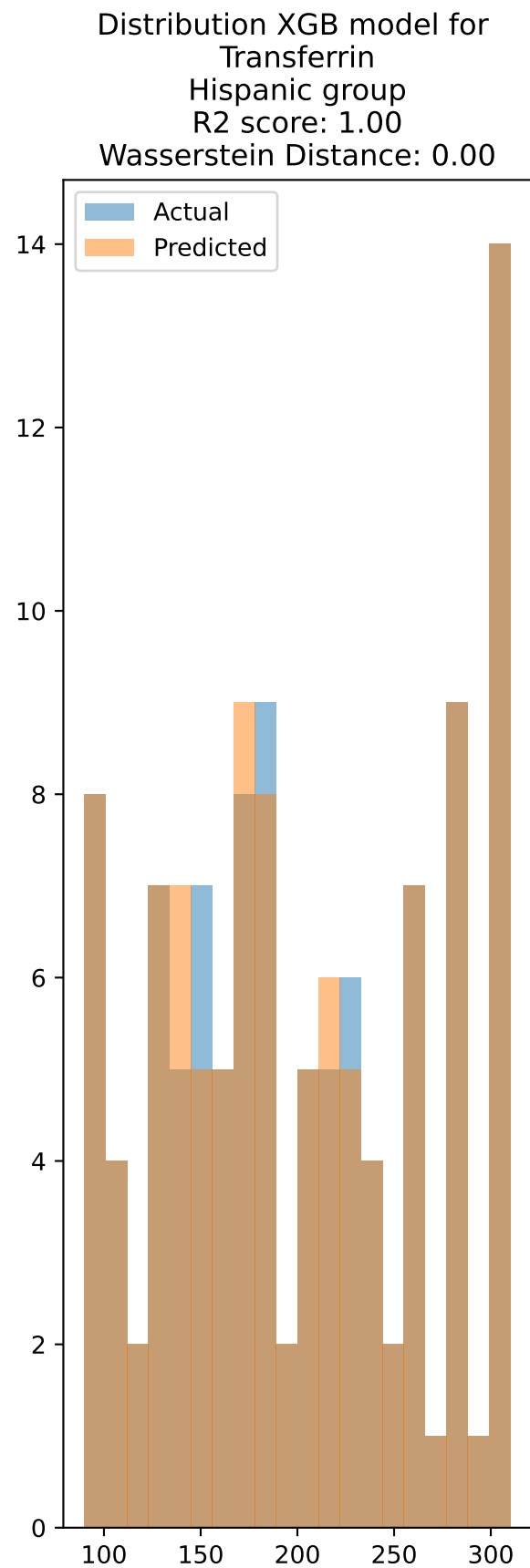
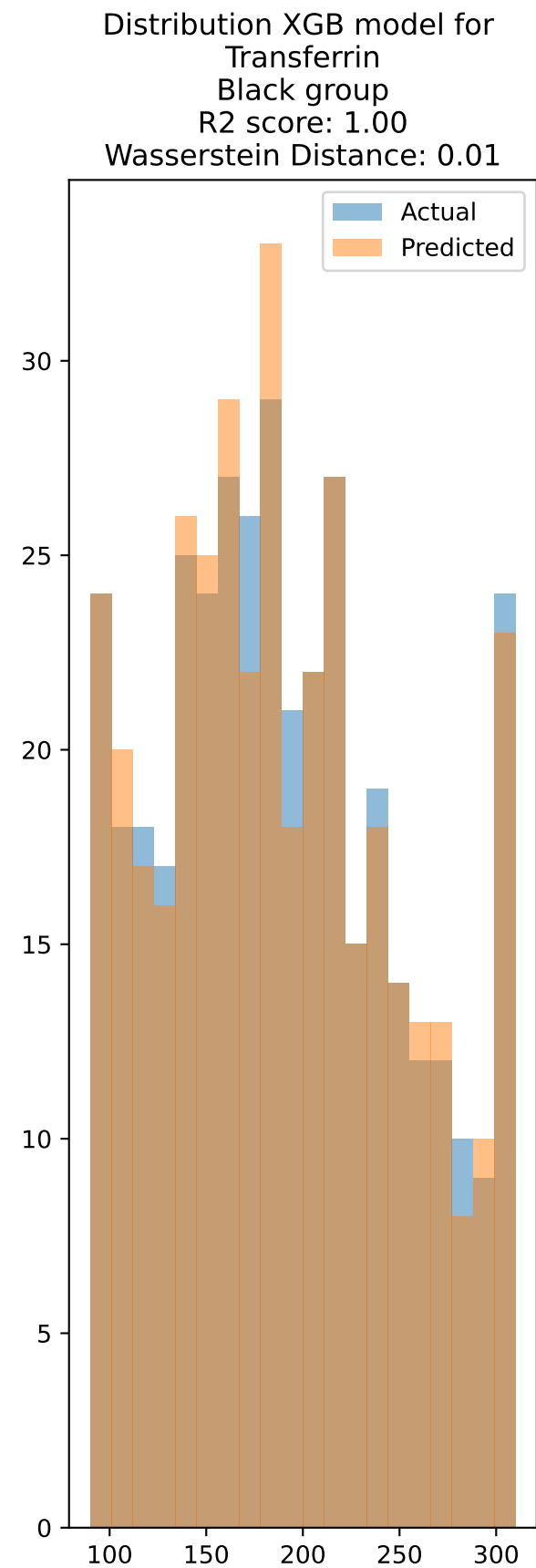
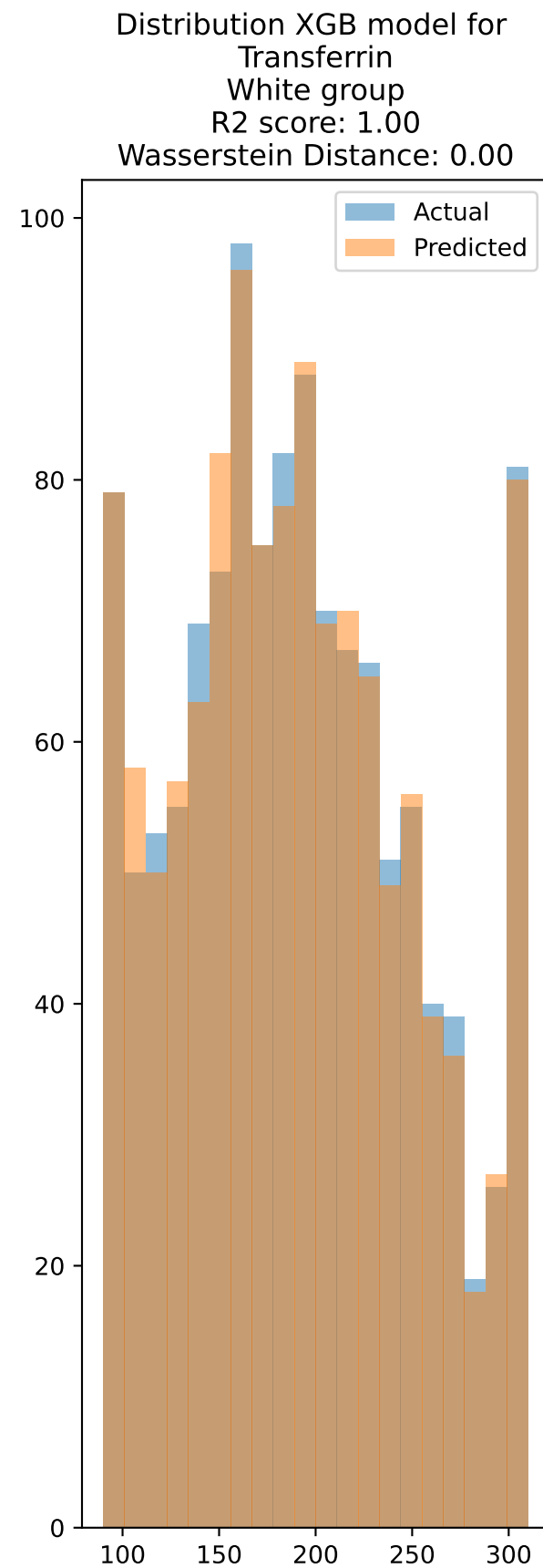


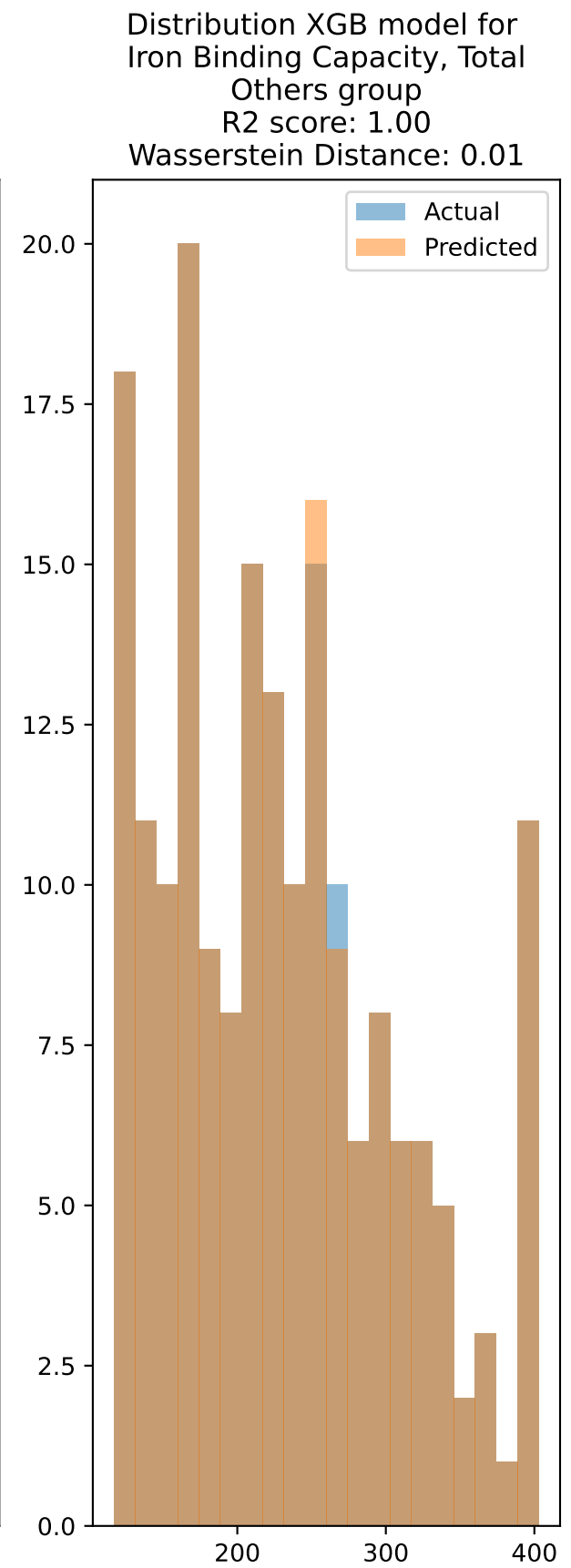
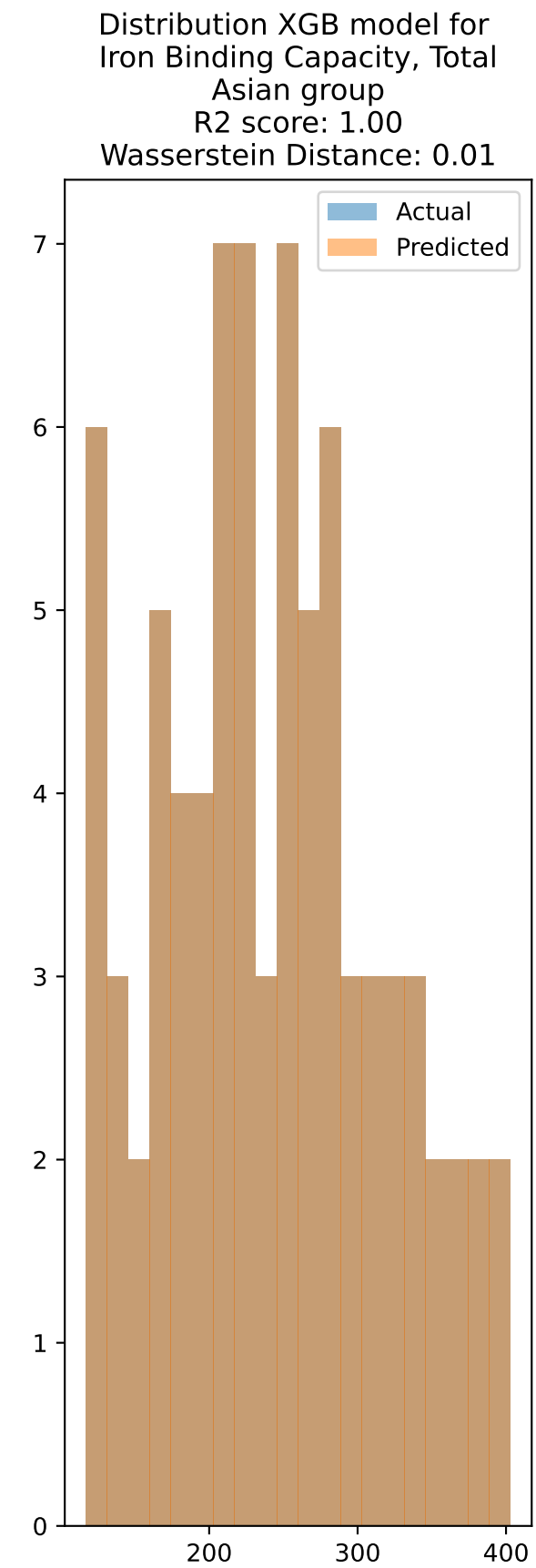
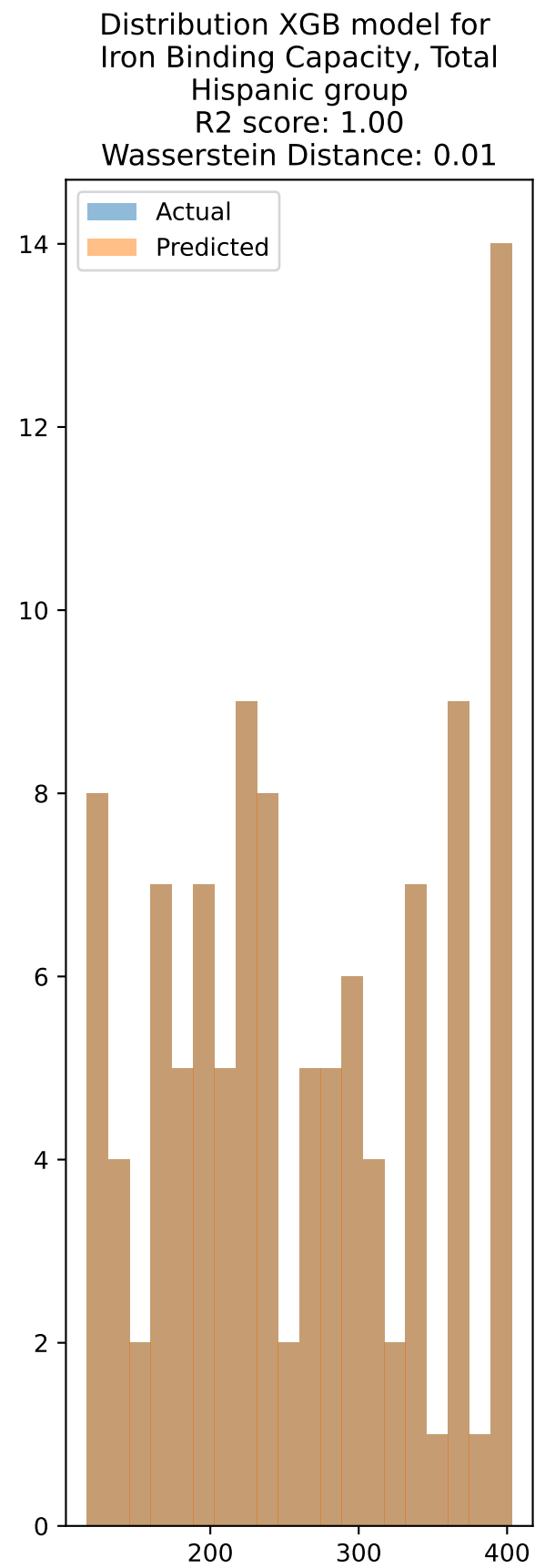
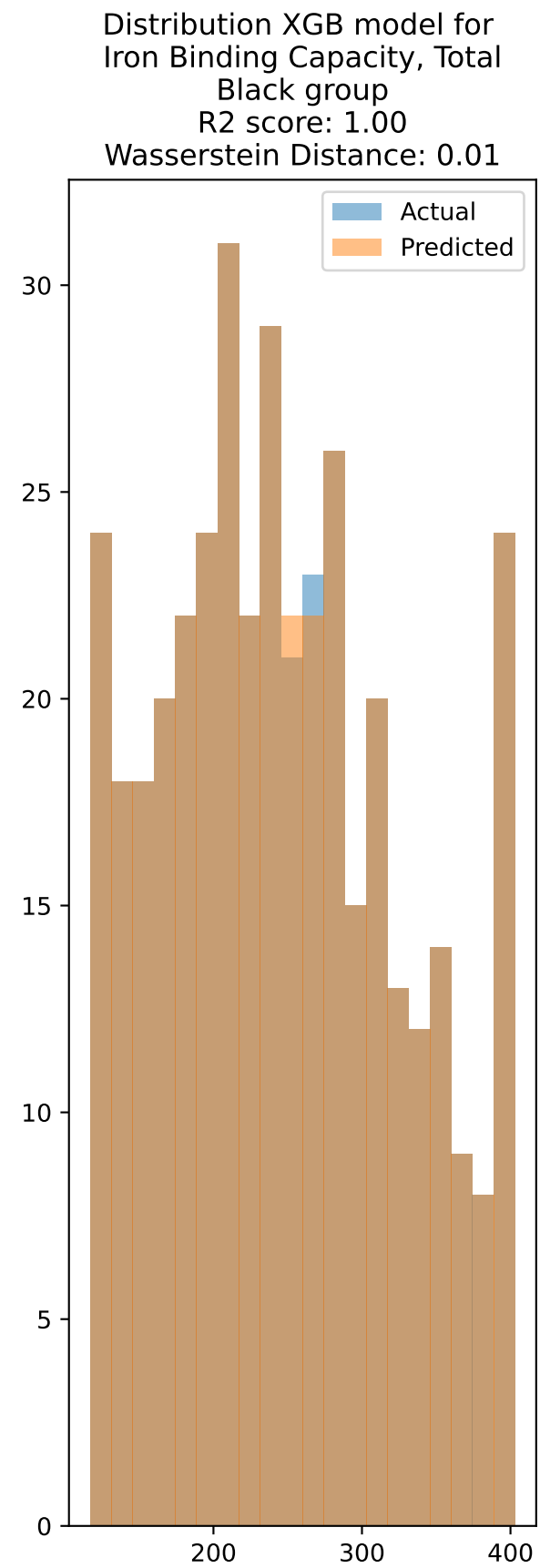
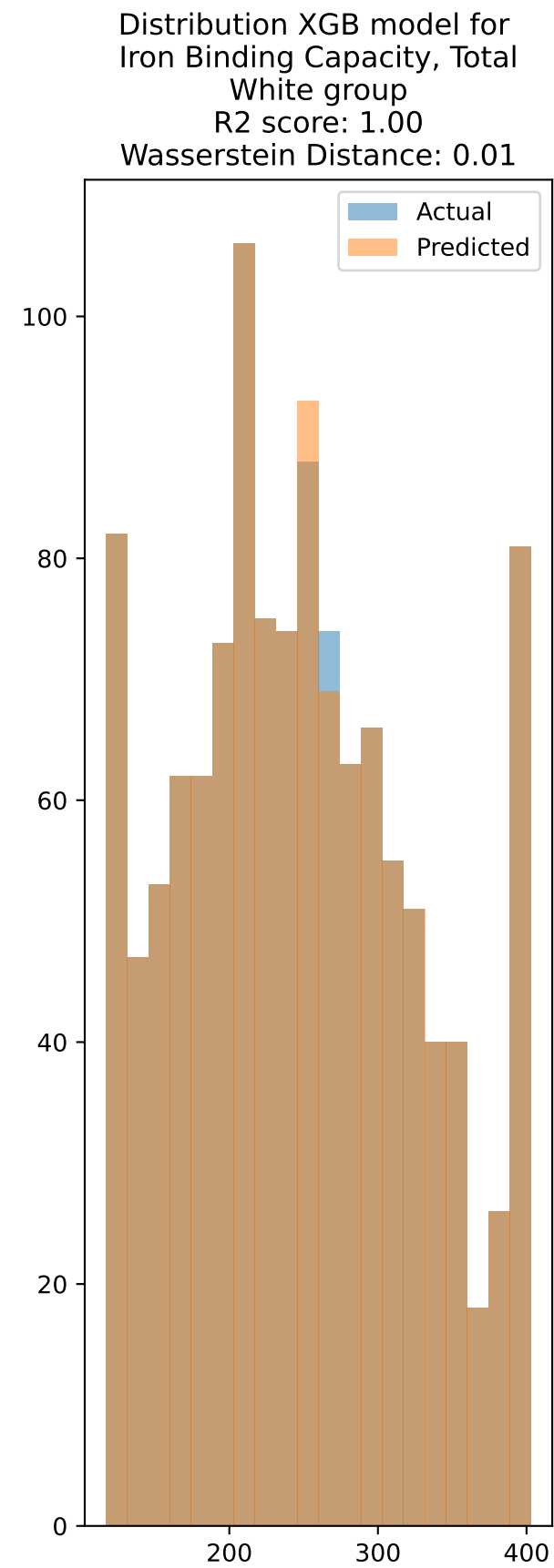
Distribution XGB model for  
Nucleated Red Cells  
Others group  
R2 score: 0.48  
Wasserstein Distance: 0.54



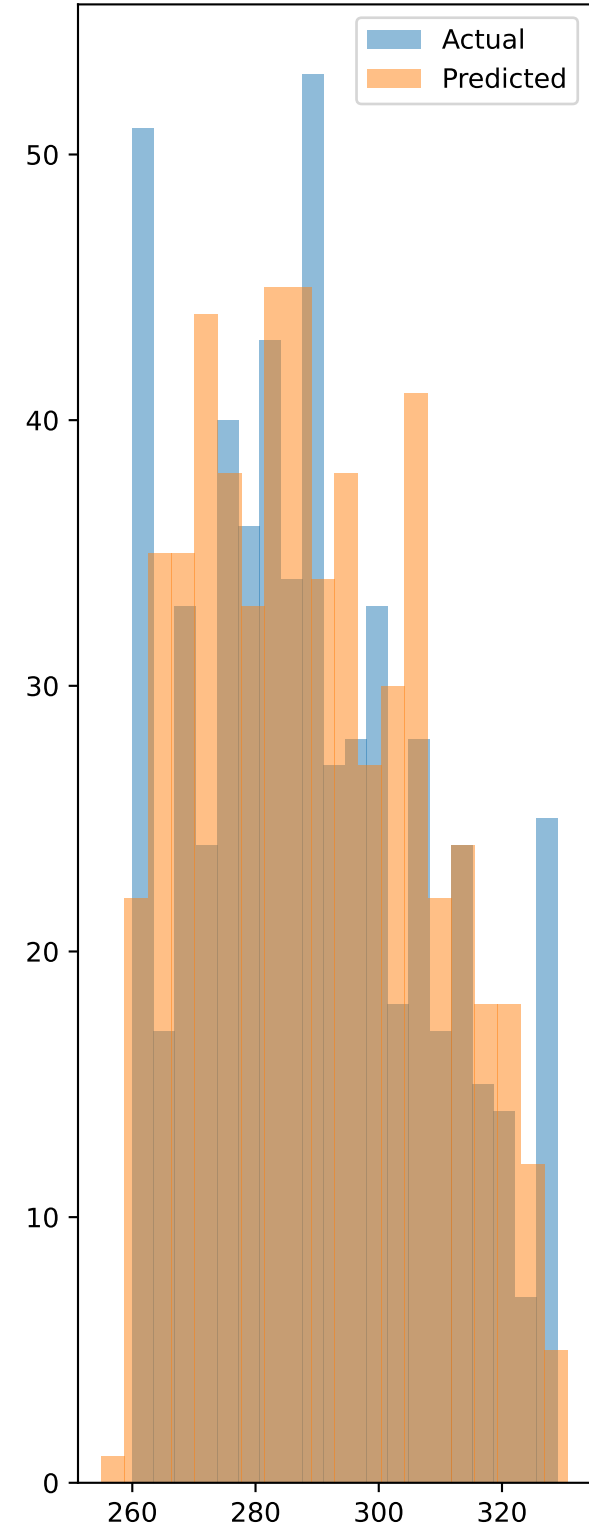




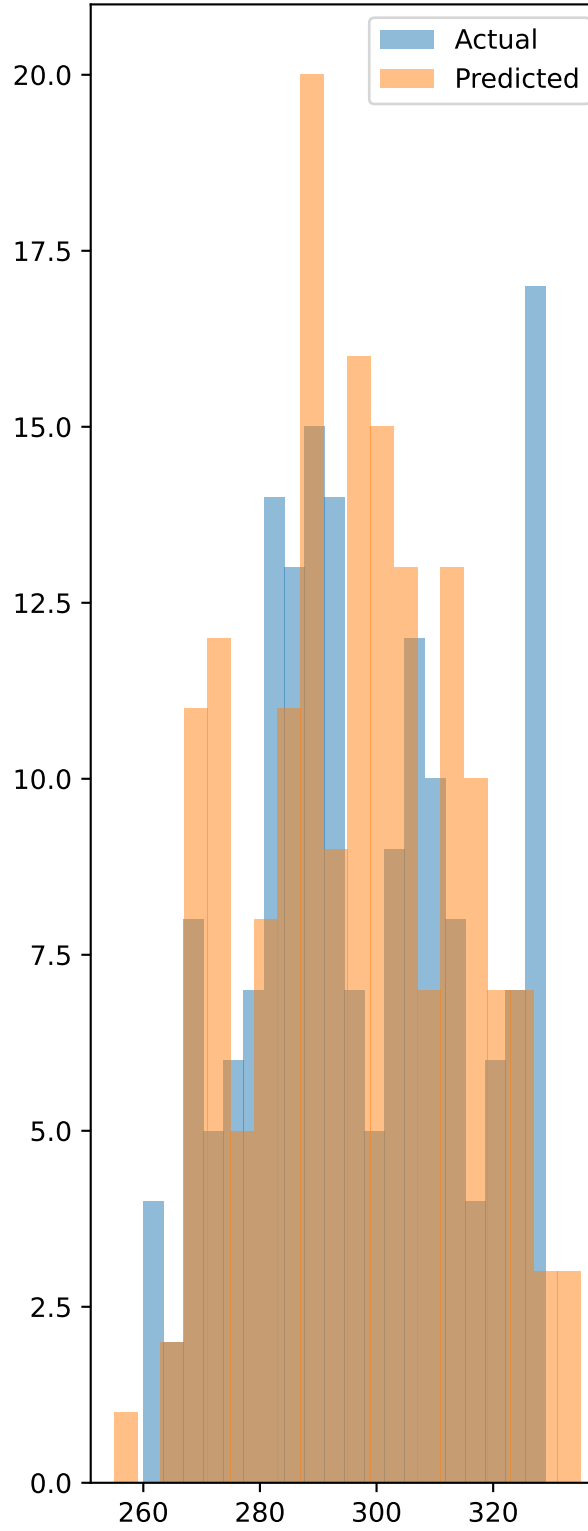




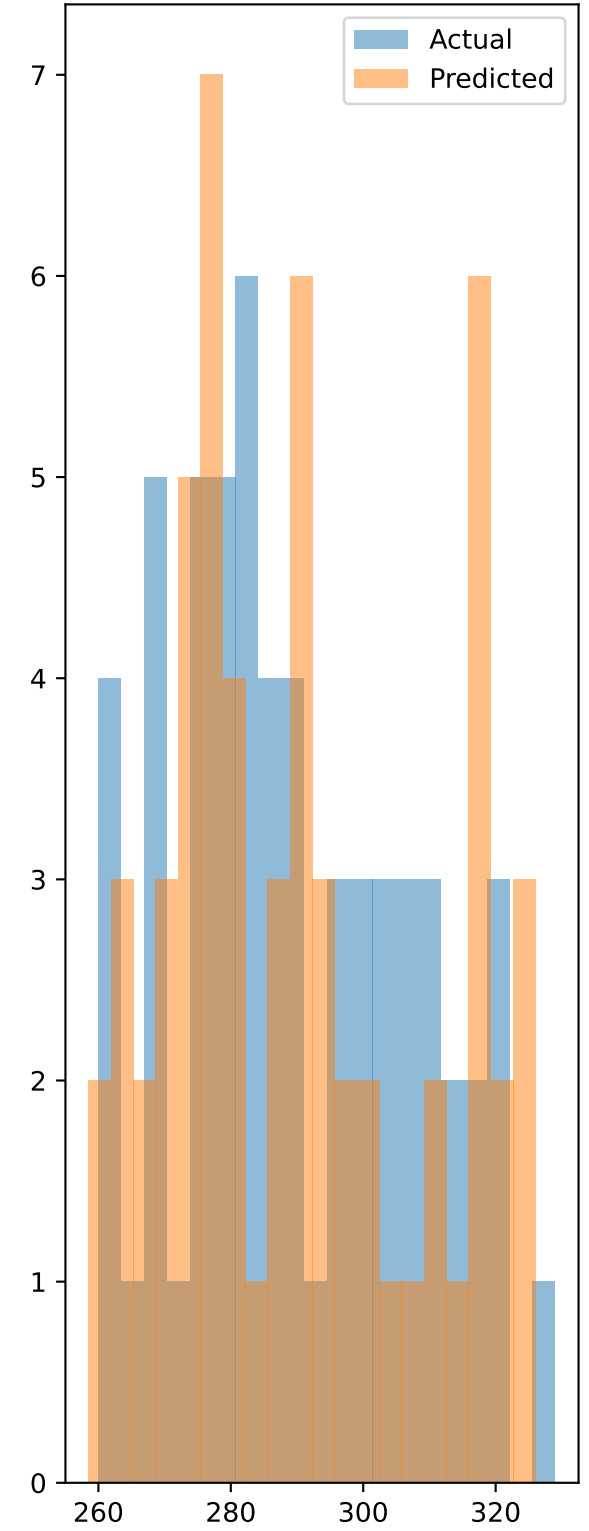
Distribution XGB model for  
Osmolality, Measured  
White group  
R2 score: 0.85  
Wasserstein Distance: 1.11



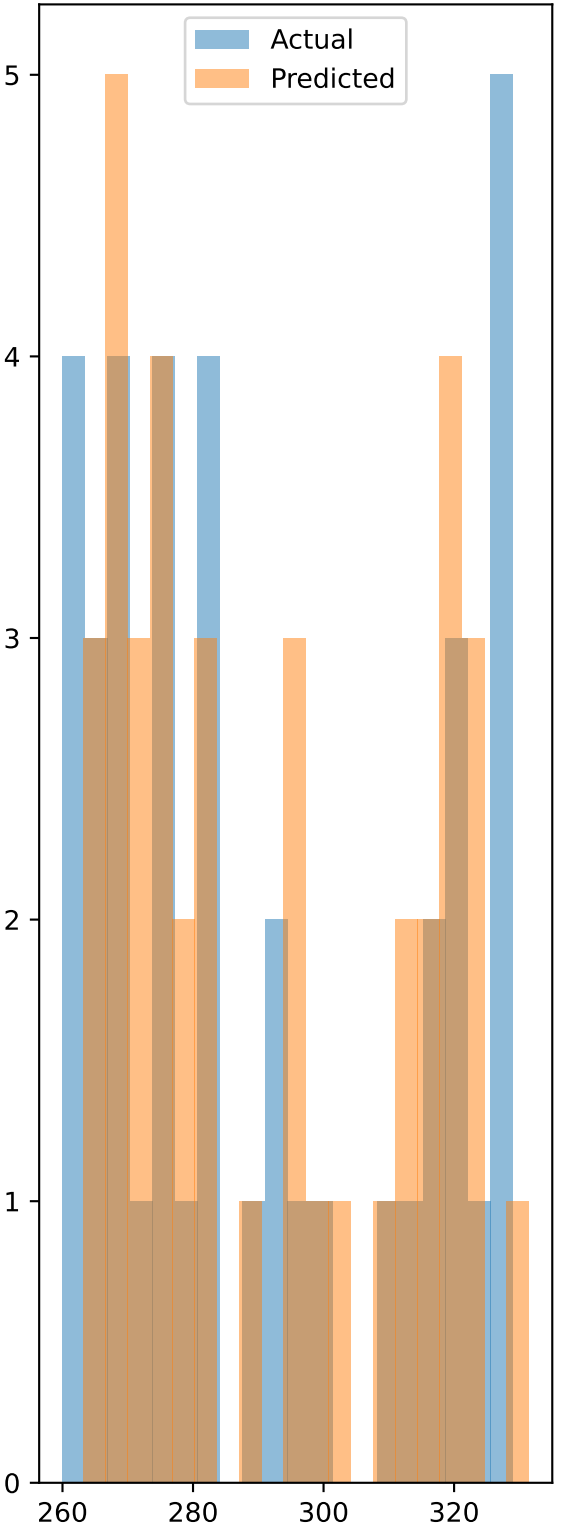
Distribution XGB model for  
Osmolality, Measured  
Black group  
R2 score: 0.85  
Wasserstein Distance: 2.00



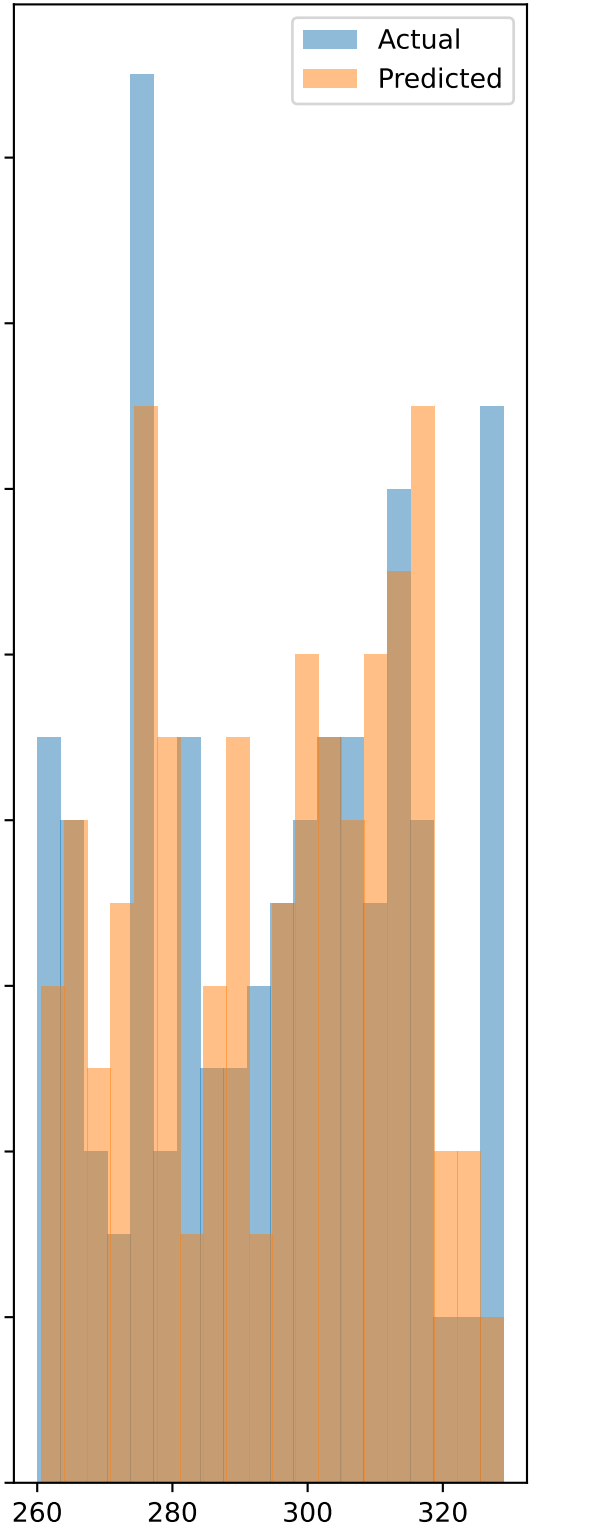
Distribution XGB model for  
Osmolality, Measured  
Hispanic group  
R2 score: 0.90  
Wasserstein Distance: 2.27



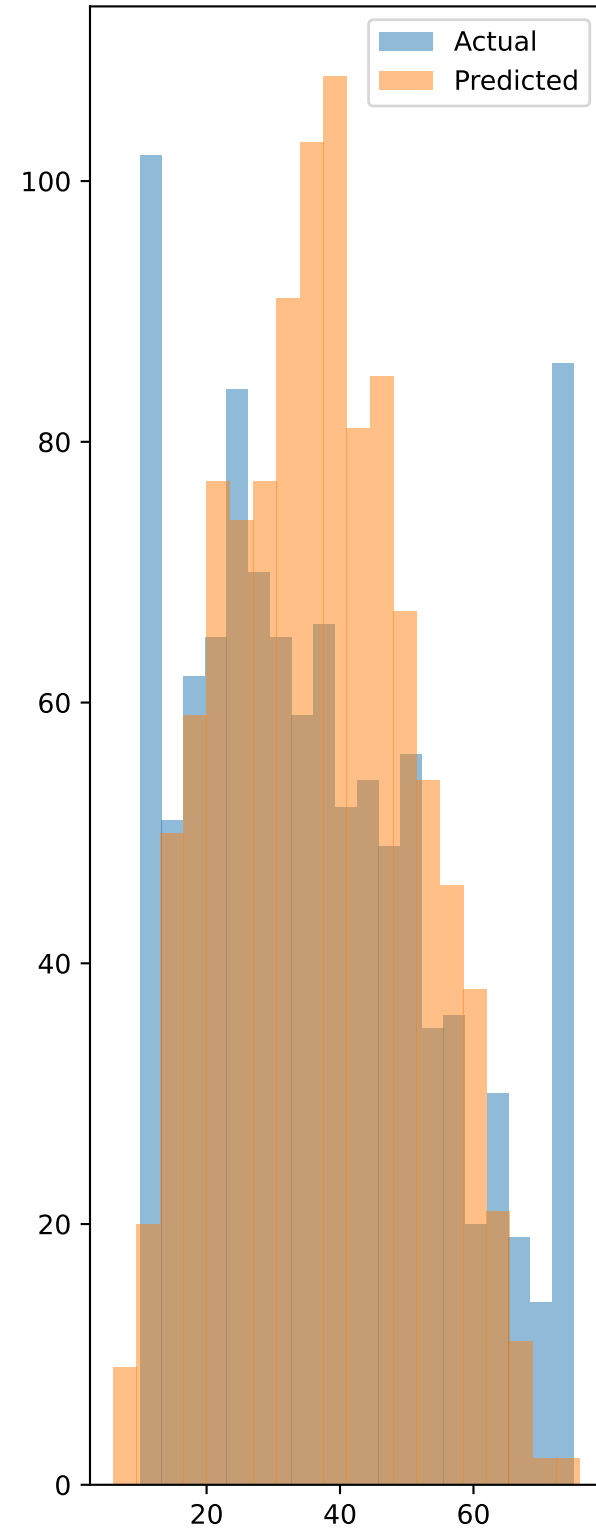
Distribution XGB model for  
Osmolality, Measured  
Asian group  
R2 score: 0.92  
Wasserstein Distance: 2.74



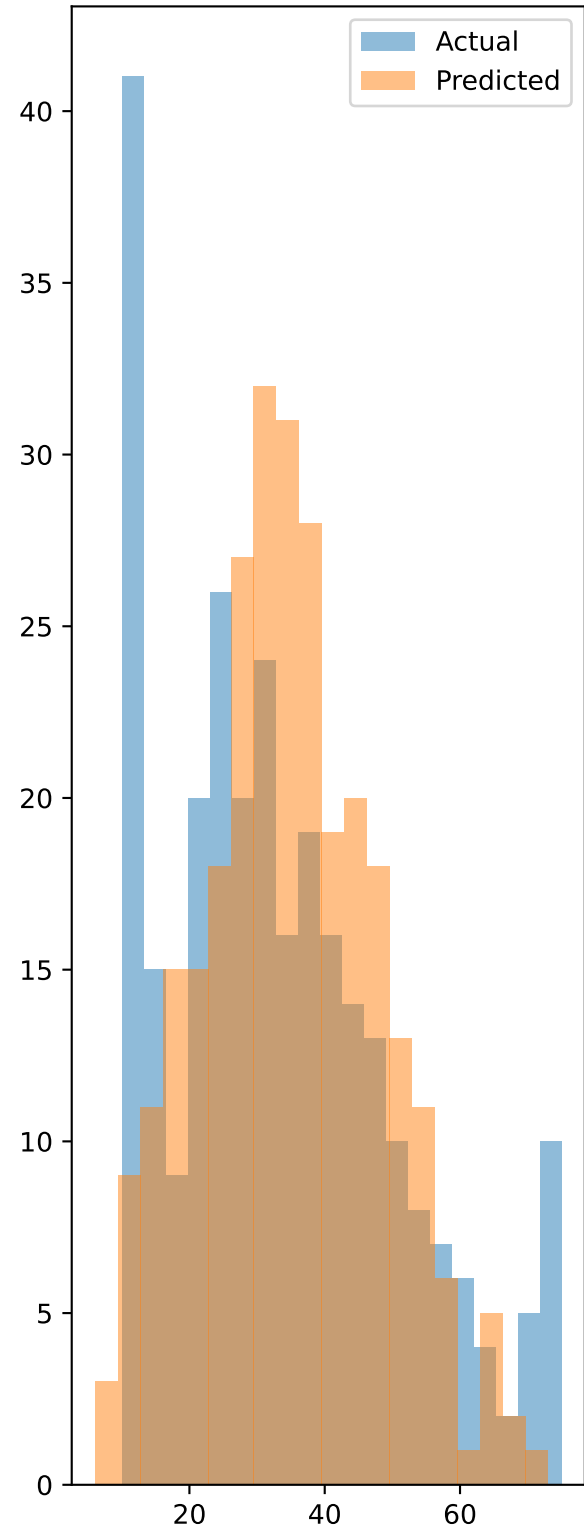
Distribution XGB model for  
Osmolality, Measured  
Others group  
R2 score: 0.86  
Wasserstein Distance: 1.59



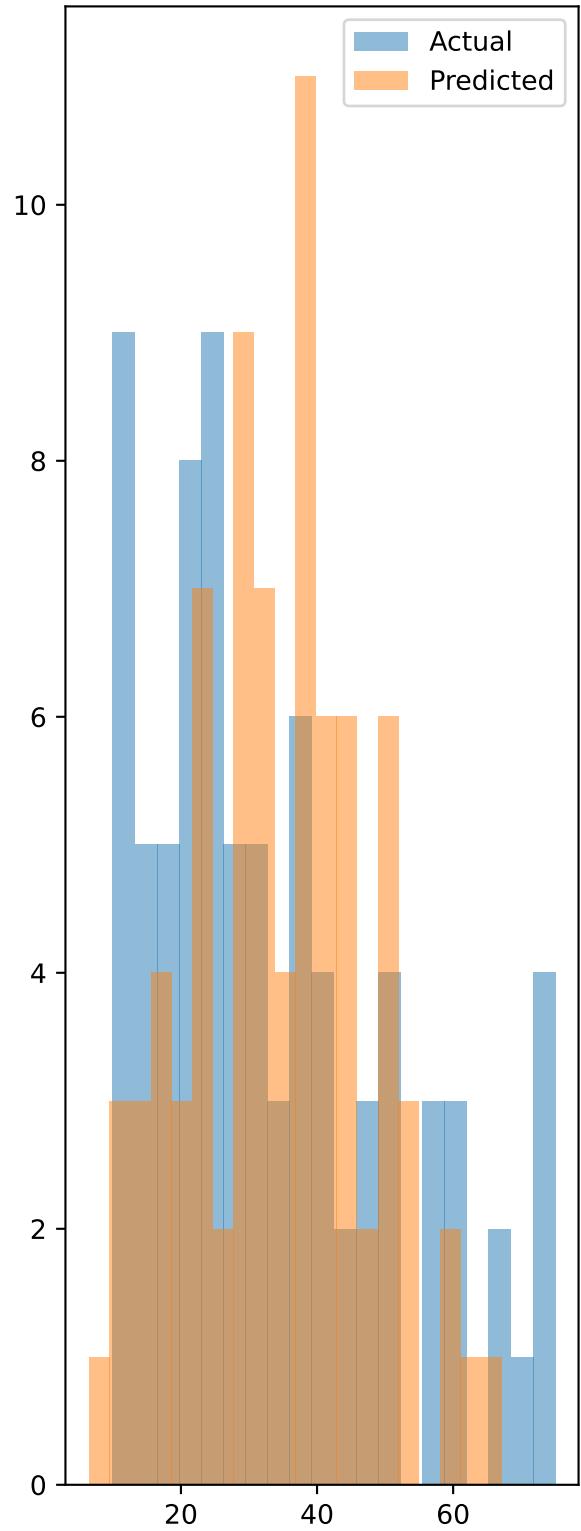
Distribution XGB model for  
Potassium, Urine  
White group  
R2 score: 0.57  
Wasserstein Distance: 4.58



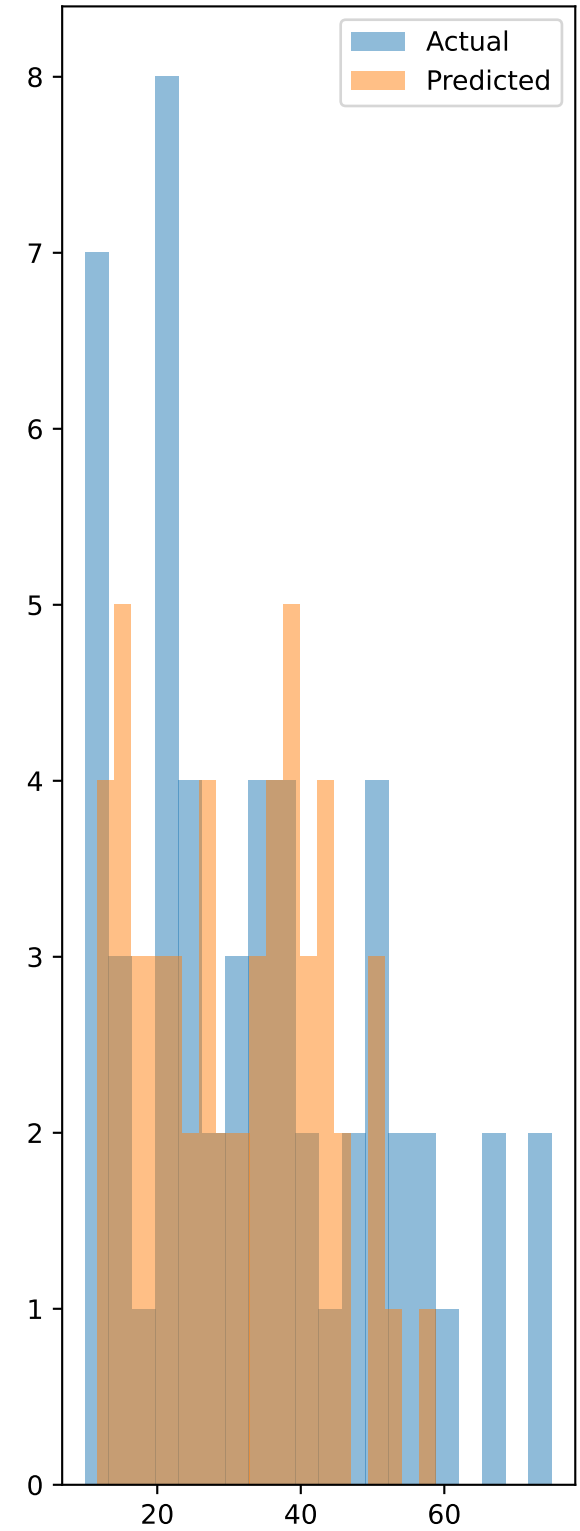
Distribution XGB model for  
Potassium, Urine  
Black group  
R2 score: 0.53  
Wasserstein Distance: 4.13



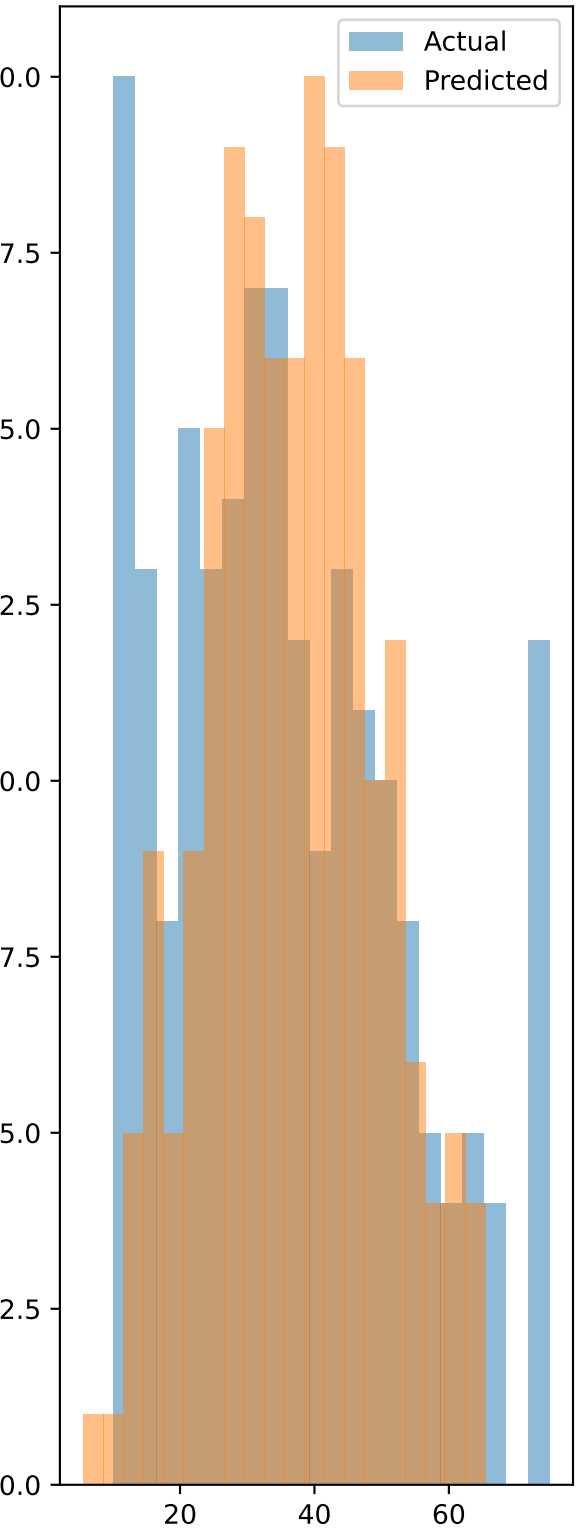
Distribution XGB model for  
Potassium, Urine  
Hispanic group  
R2 score: 0.51  
Wasserstein Distance: 5.44



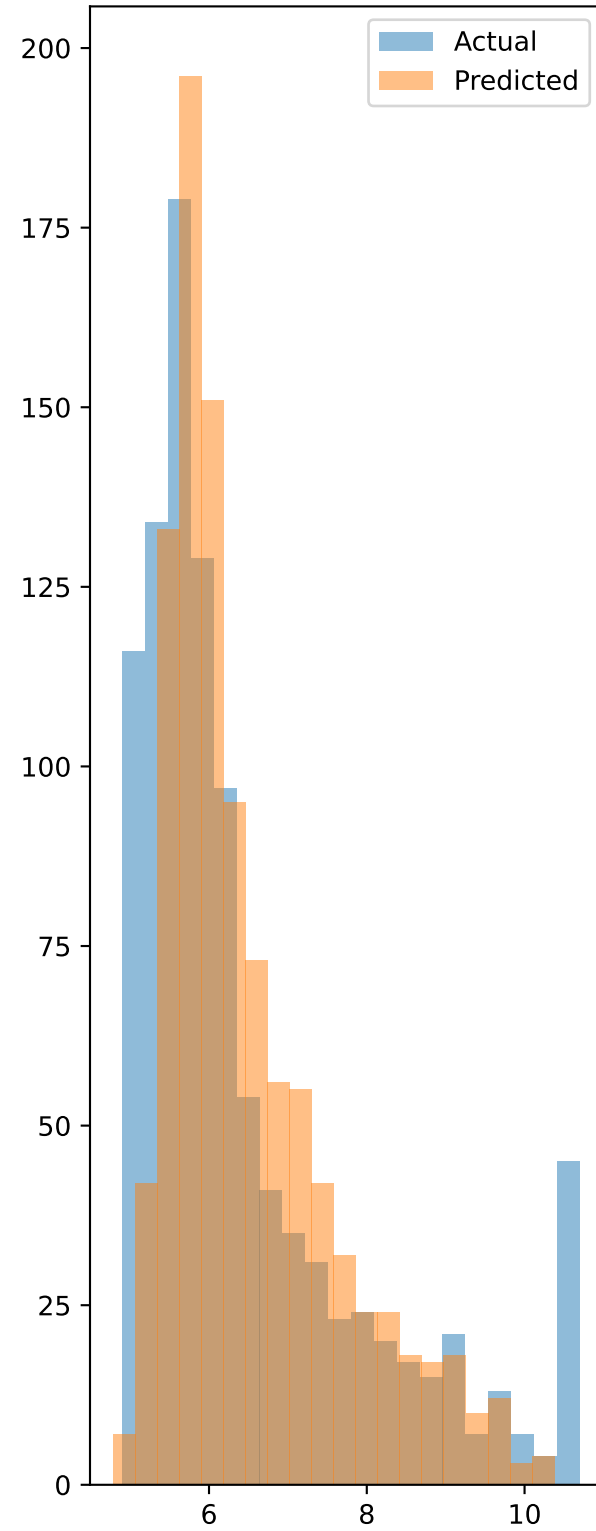
Distribution XGB model for  
Potassium, Urine  
Asian group  
R2 score: 0.68  
Wasserstein Distance: 4.26



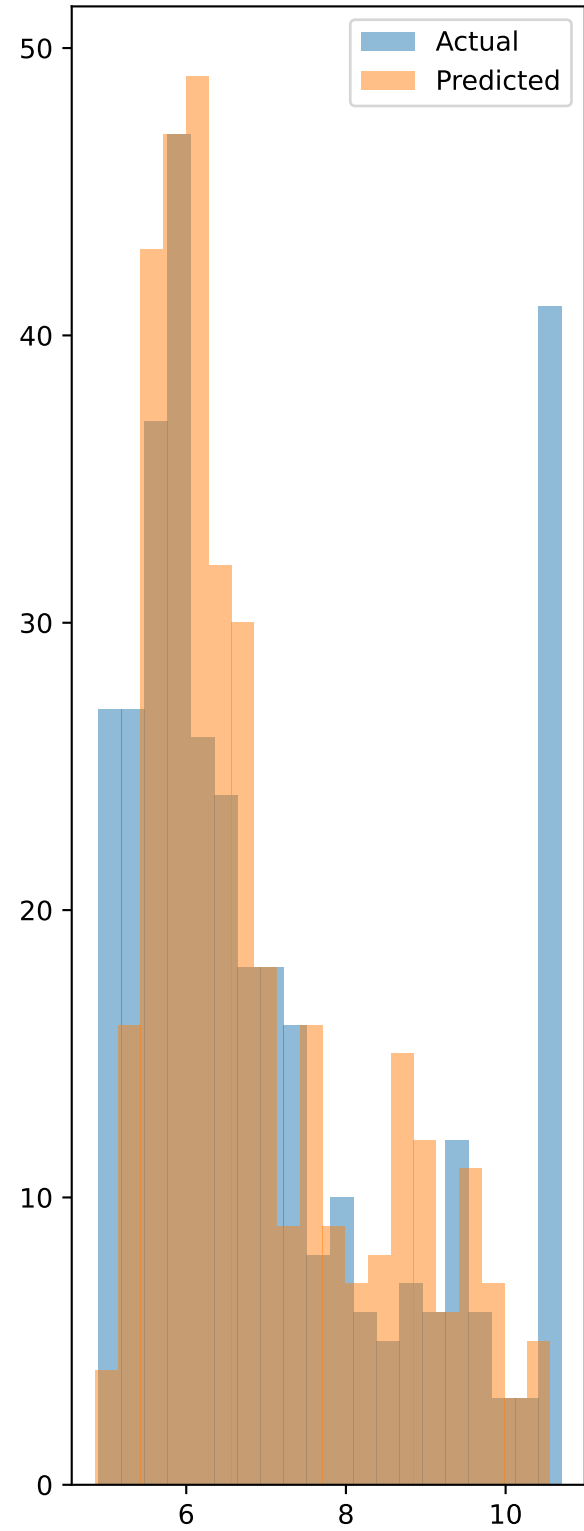
Distribution XGB model for  
Potassium, Urine  
Others group  
R2 score: 0.50  
Wasserstein Distance: 4.89



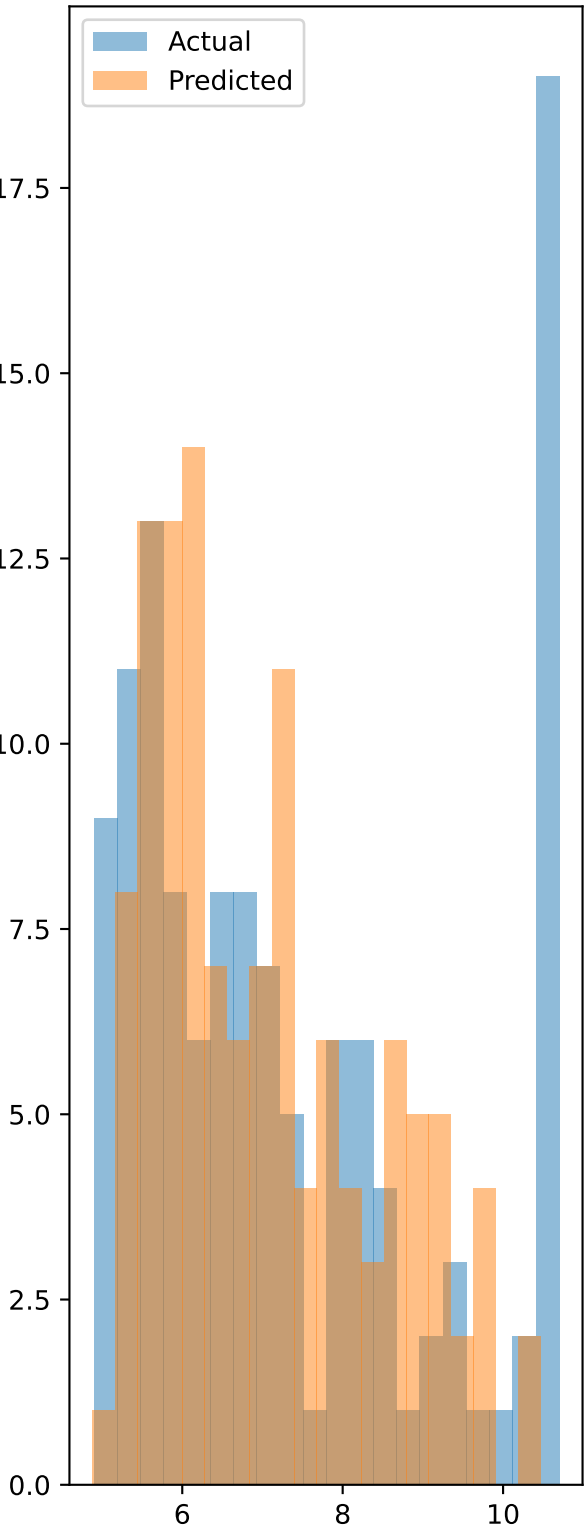
Distribution XGB model for  
% Hemoglobin A1c  
White group  
R2 score: 0.57  
Wasserstein Distance: 0.33



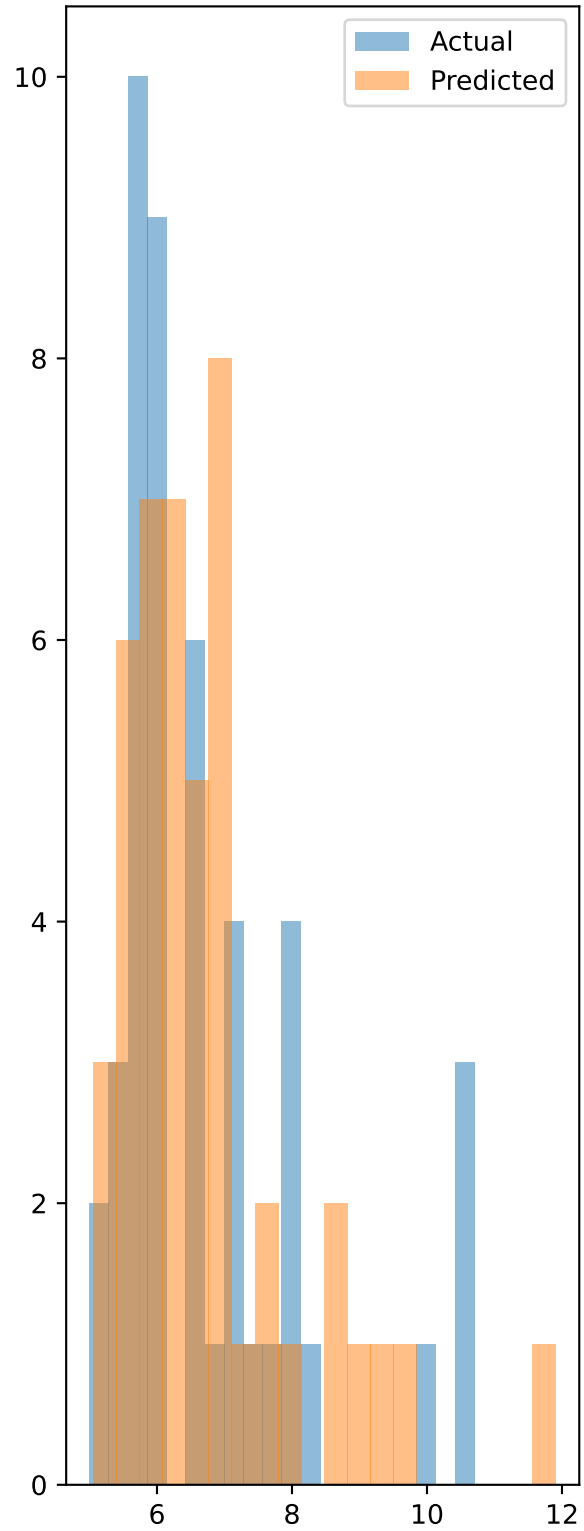
Distribution XGB model for  
% Hemoglobin A1c  
Black group  
R2 score: 0.62  
Wasserstein Distance: 0.40



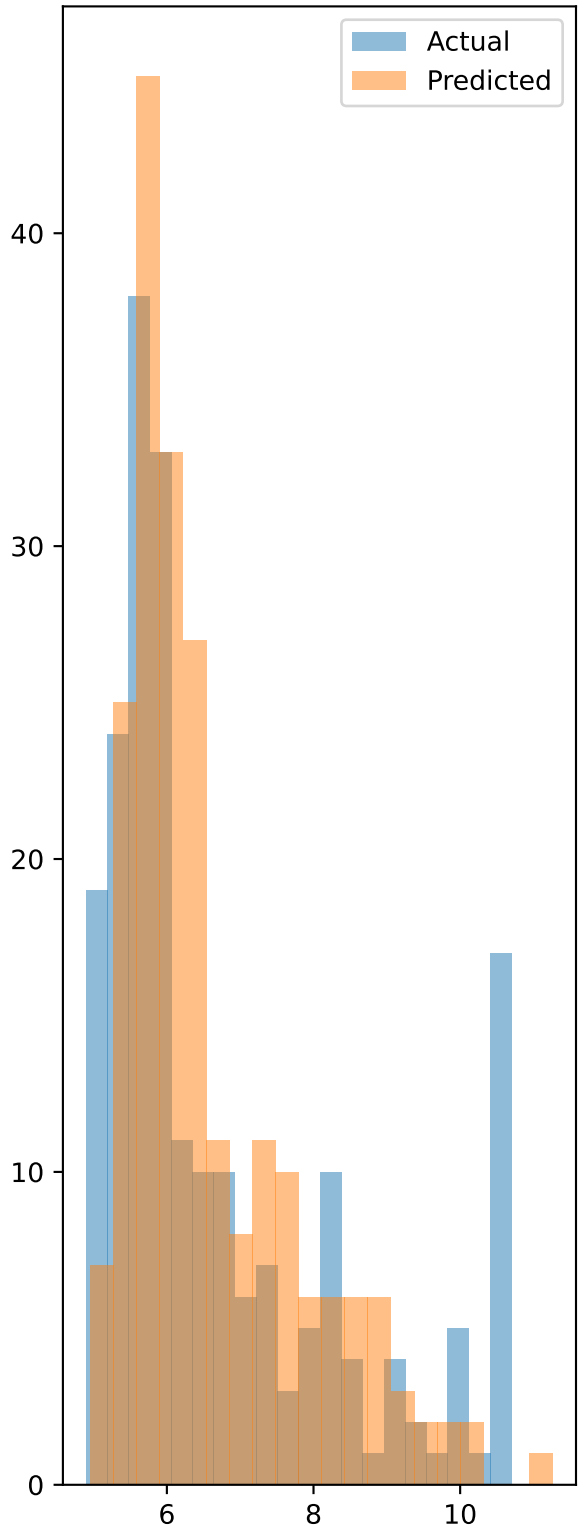
Distribution XGB model for  
% Hemoglobin A1c  
Hispanic group  
R2 score: 0.38  
Wasserstein Distance: 0.47



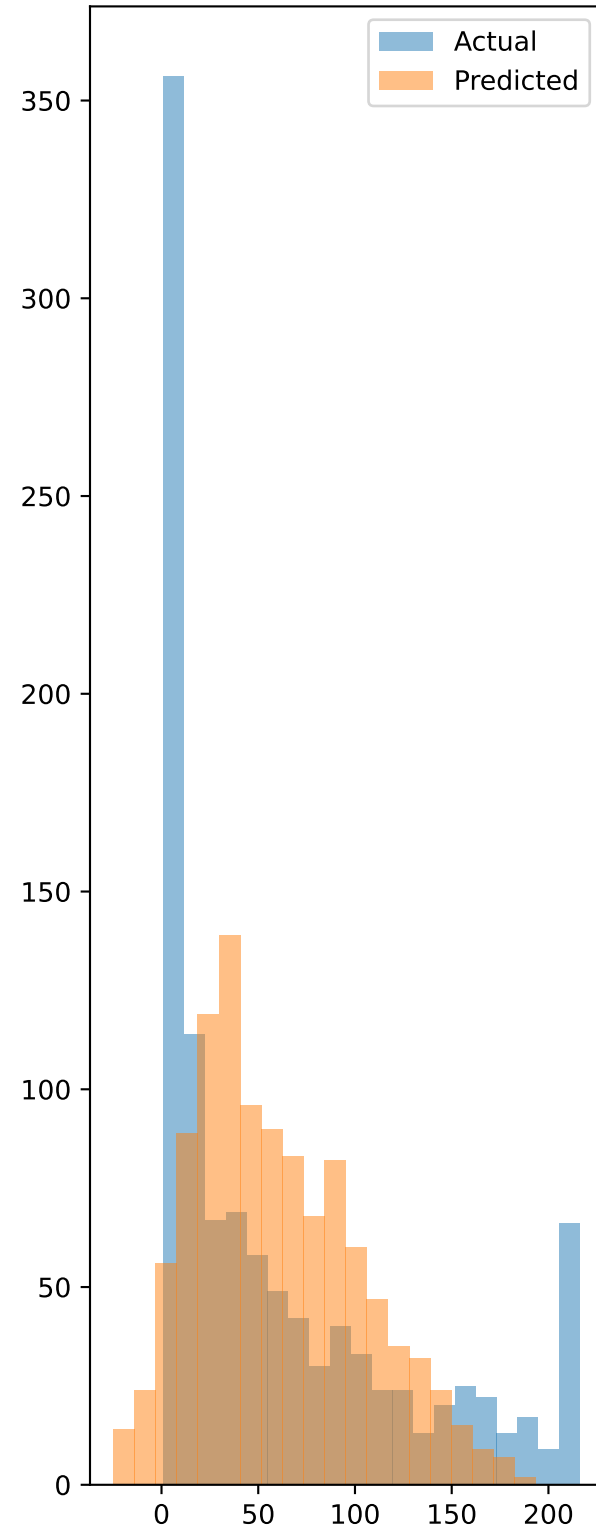
Distribution XGB model for  
% Hemoglobin A1c  
Asian group  
R2 score: 0.58  
Wasserstein Distance: 0.26



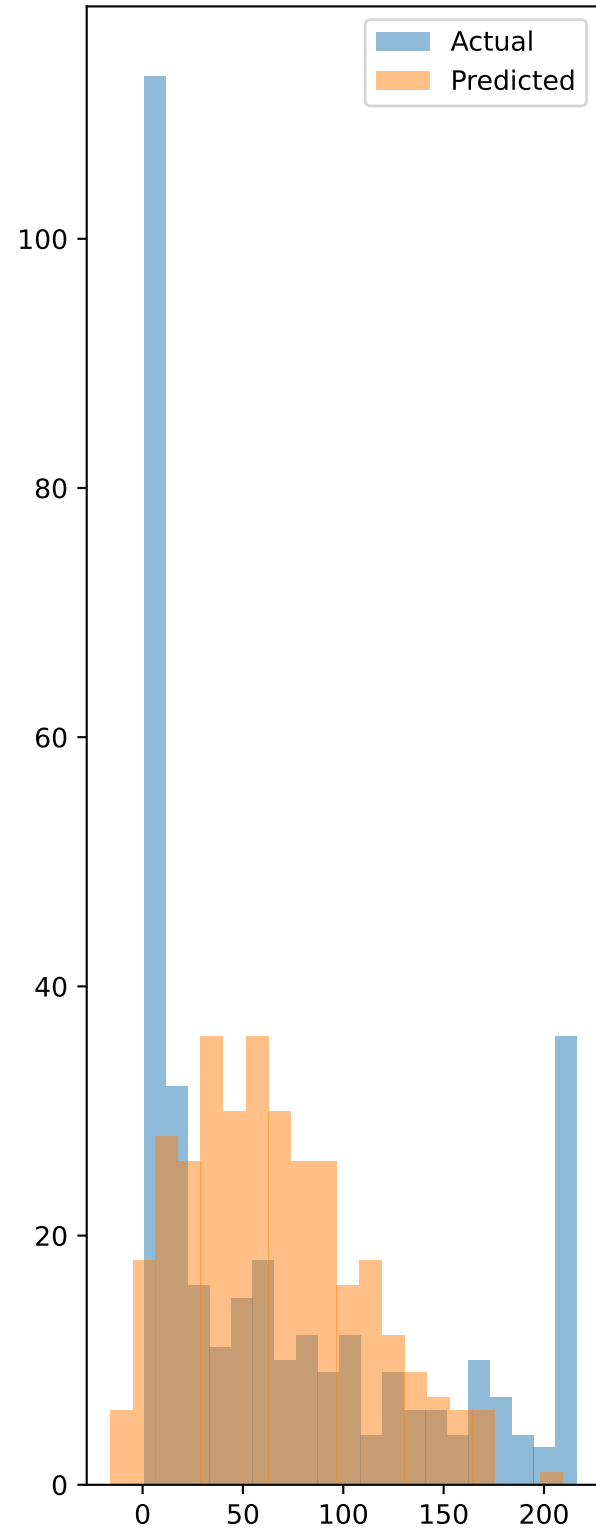
Distribution XGB model for  
% Hemoglobin A1c  
Others group  
R2 score: 0.56  
Wasserstein Distance: 0.42



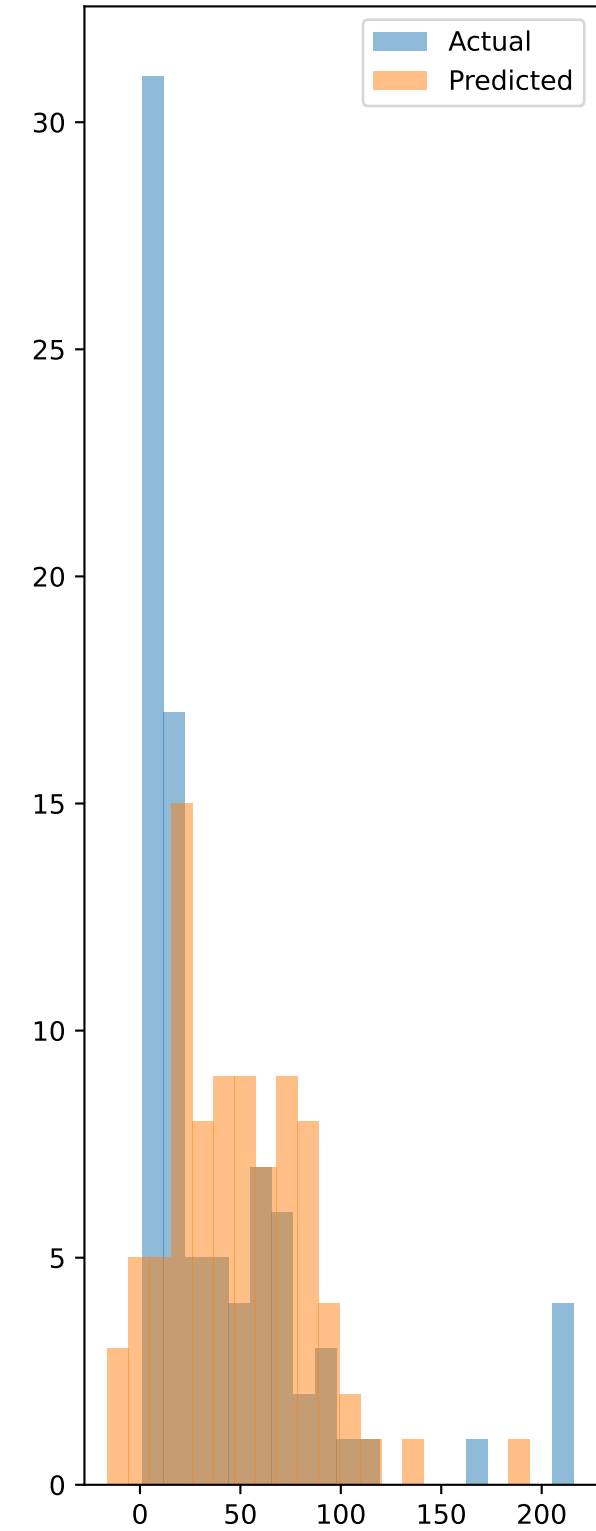
Distribution XGB model for  
C-Reactive Protein  
White group  
R2 score: 0.44  
Wasserstein Distance: 21.02



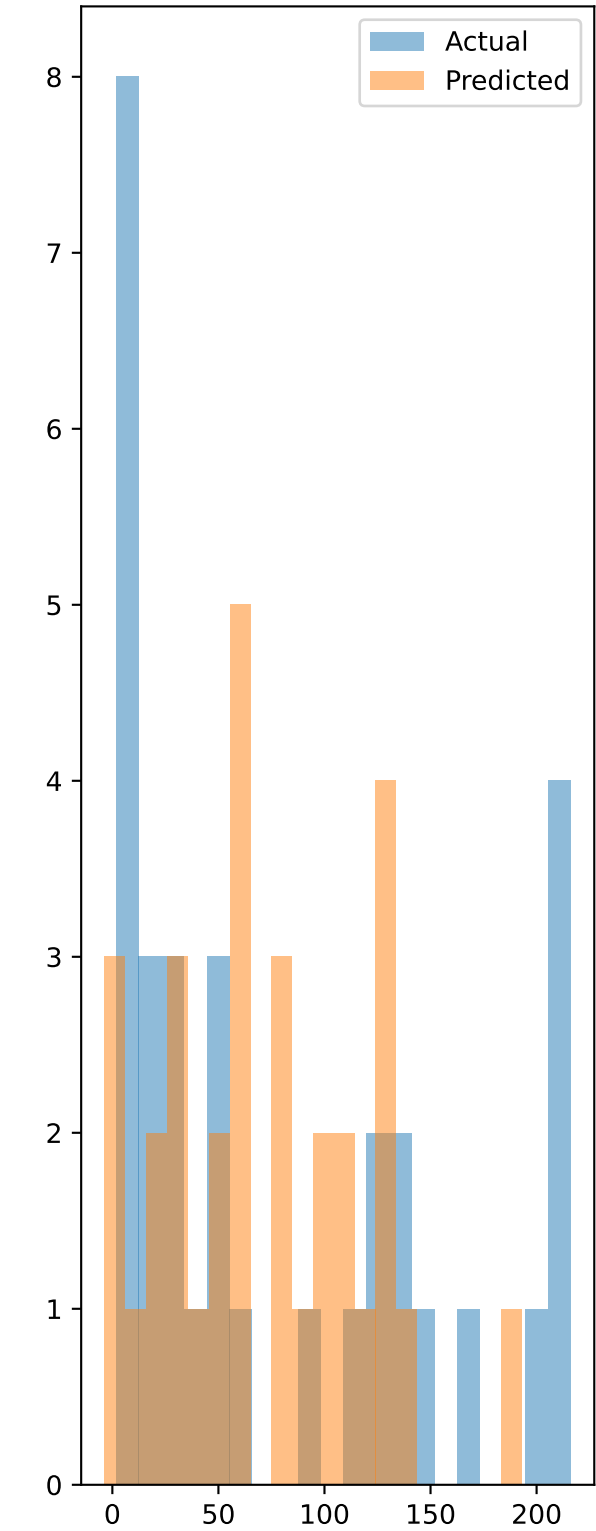
Distribution XGB model for  
C-Reactive Protein  
Black group  
R2 score: 0.49  
Wasserstein Distance: 27.08



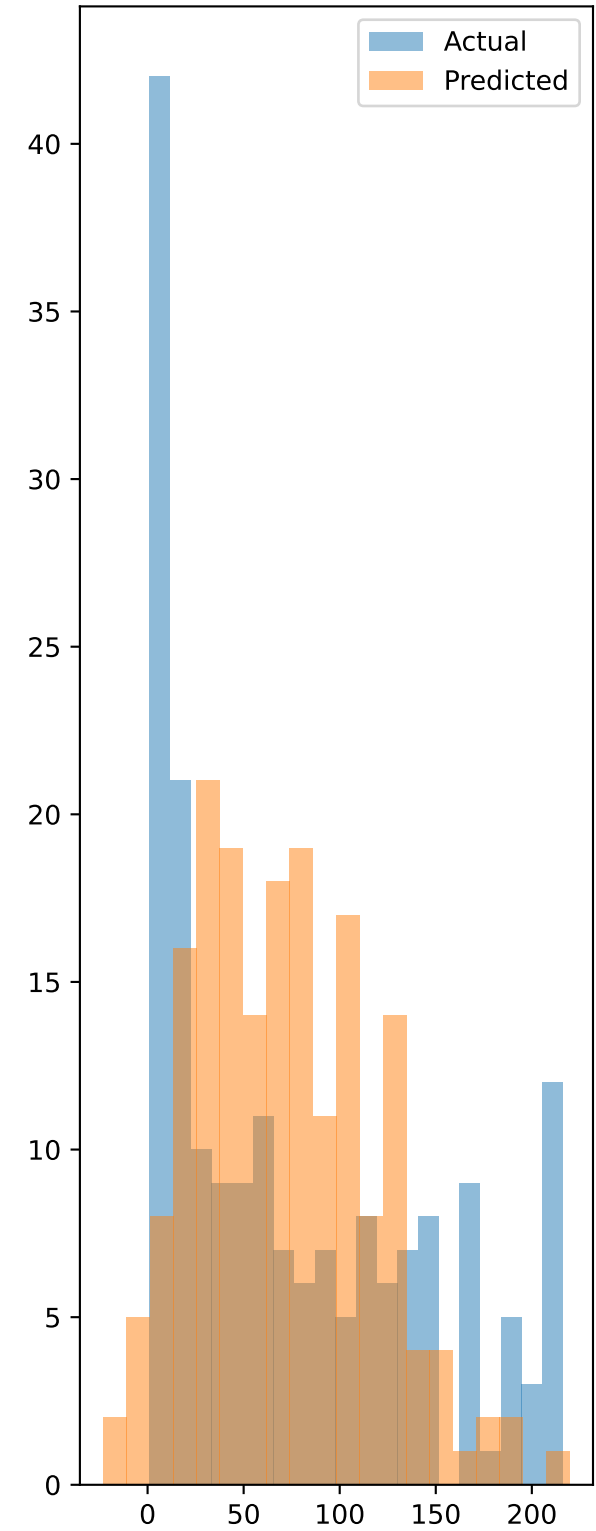
Distribution XGB model for  
C-Reactive Protein  
Hispanic group  
R2 score: 0.25  
Wasserstein Distance: 18.81



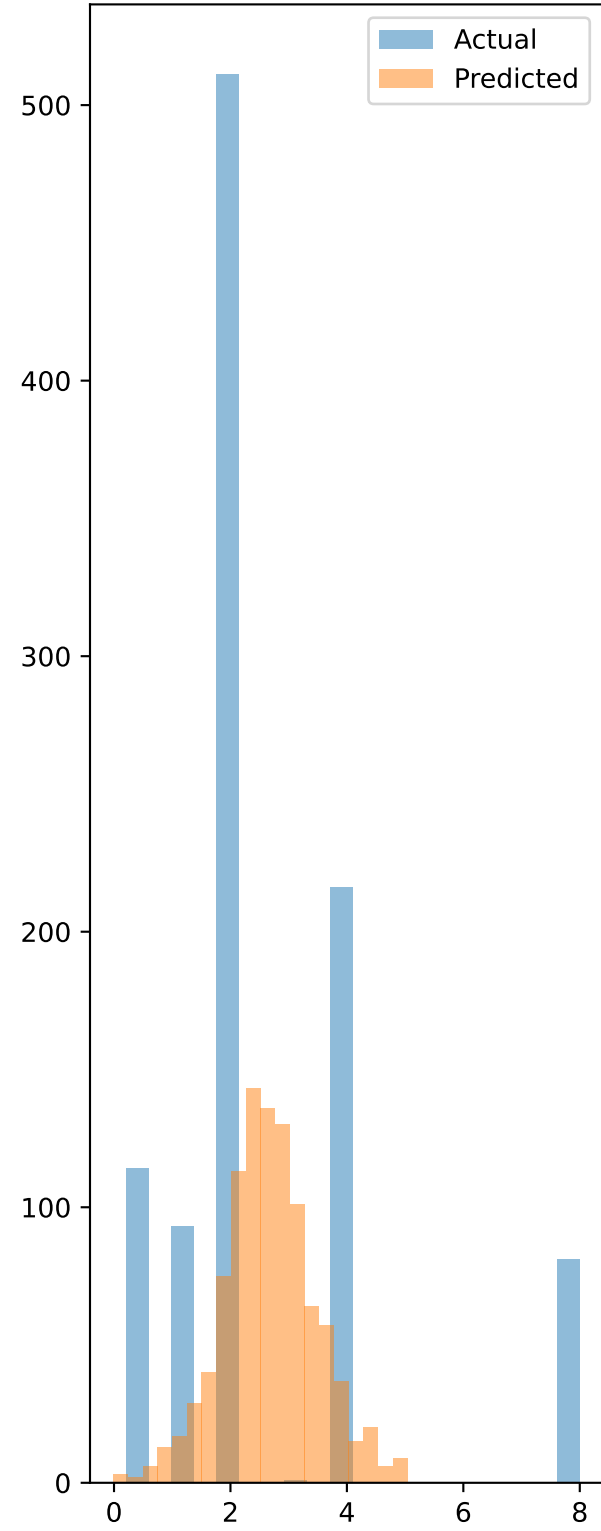
Distribution XGB model for  
C-Reactive Protein  
Asian group  
R2 score: 0.64  
Wasserstein Distance: 27.69



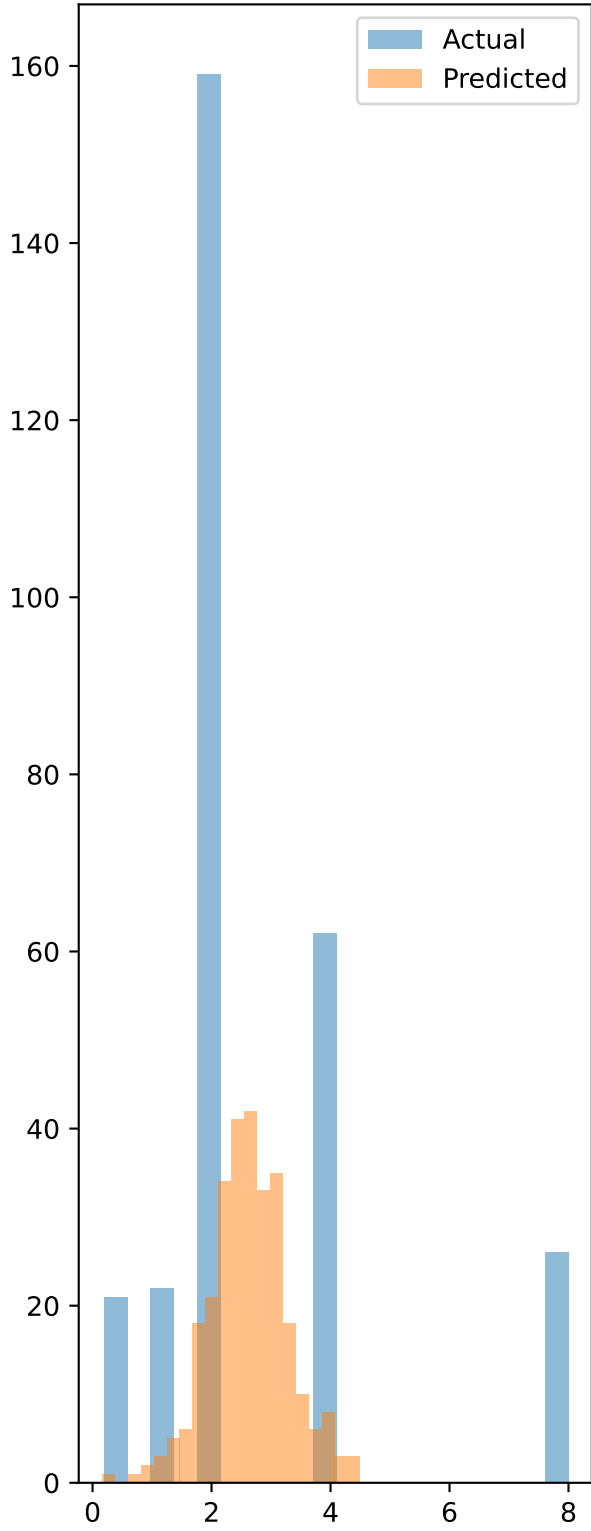
Distribution XGB model for  
C-Reactive Protein  
Others group  
R2 score: 0.38  
Wasserstein Distance: 22.04



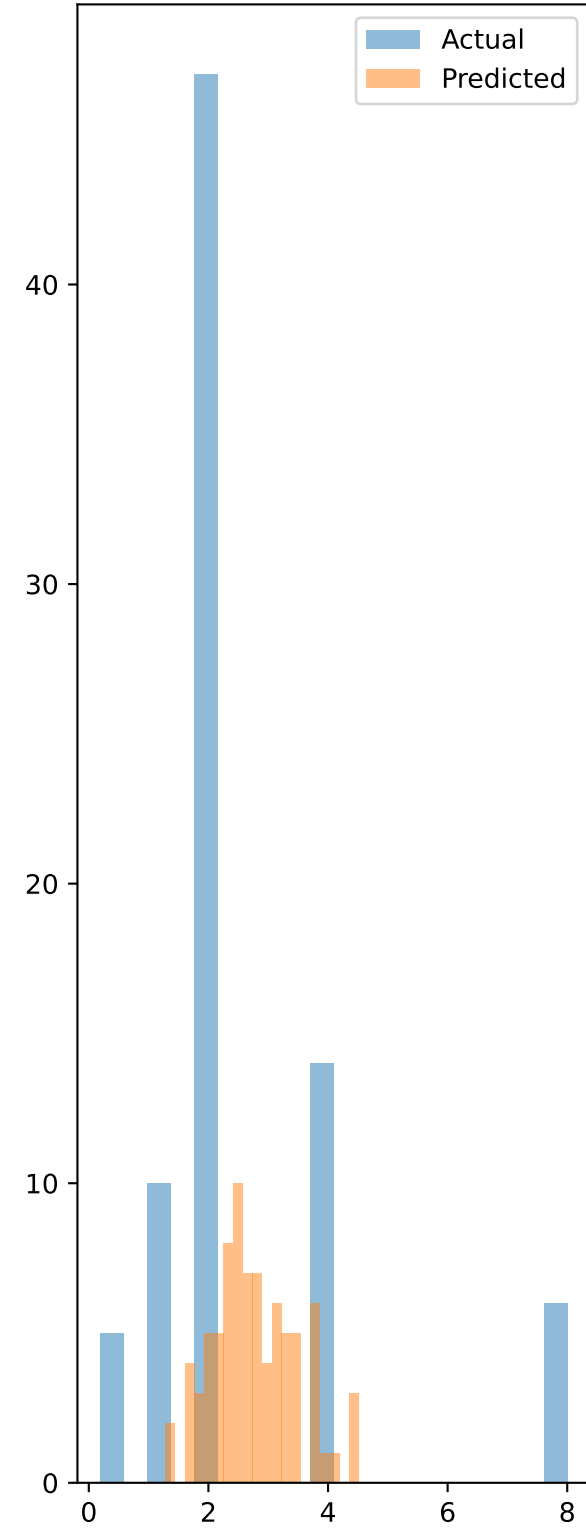
Distribution XGB model for  
Urobilinogen  
White group  
R2 score: 0.19  
Wasserstein Distance: 0.92



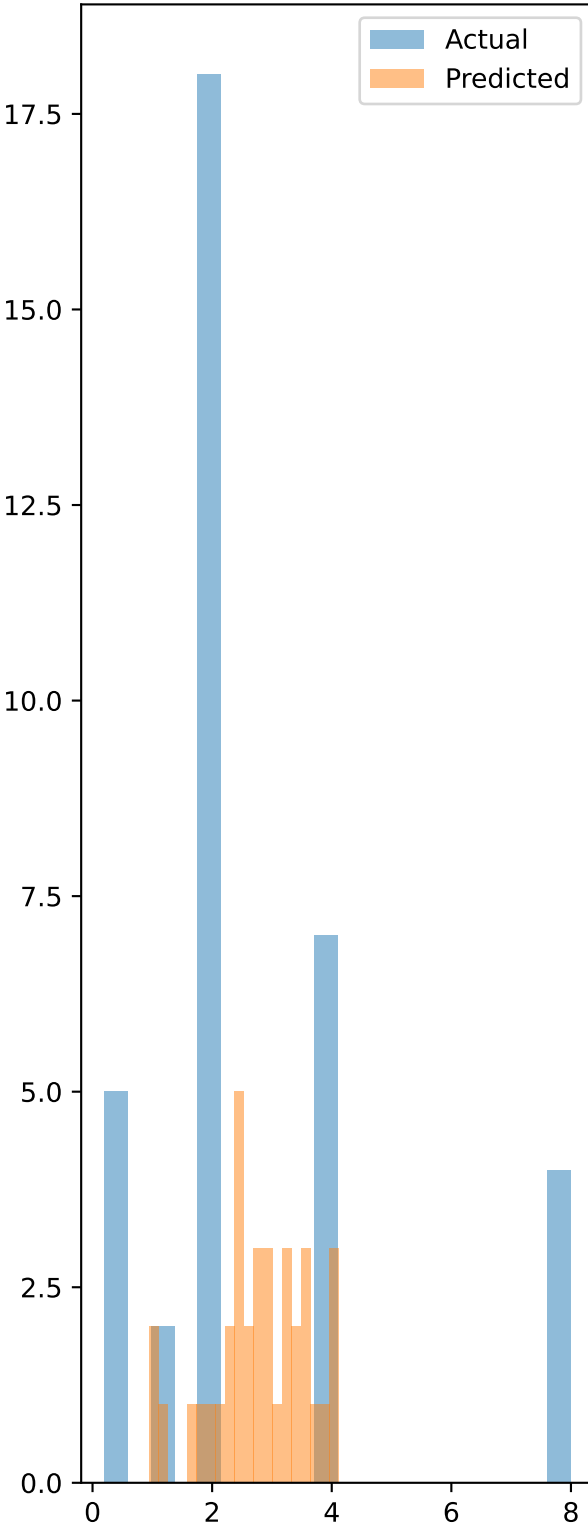
Distribution XGB model for  
Urobilinogen  
Black group  
R2 score: 0.15  
Wasserstein Distance: 0.96



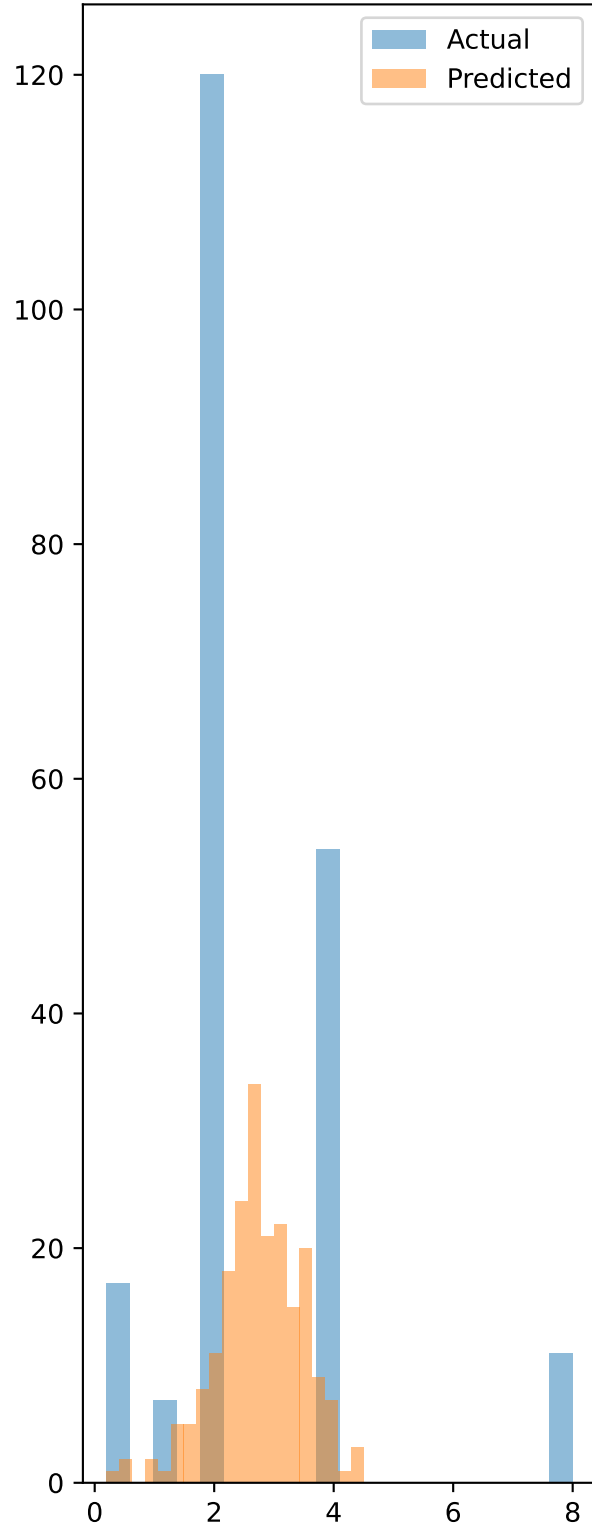
Distribution XGB model for  
Urobilinogen  
Hispanic group  
R2 score: 0.18  
Wasserstein Distance: 0.93



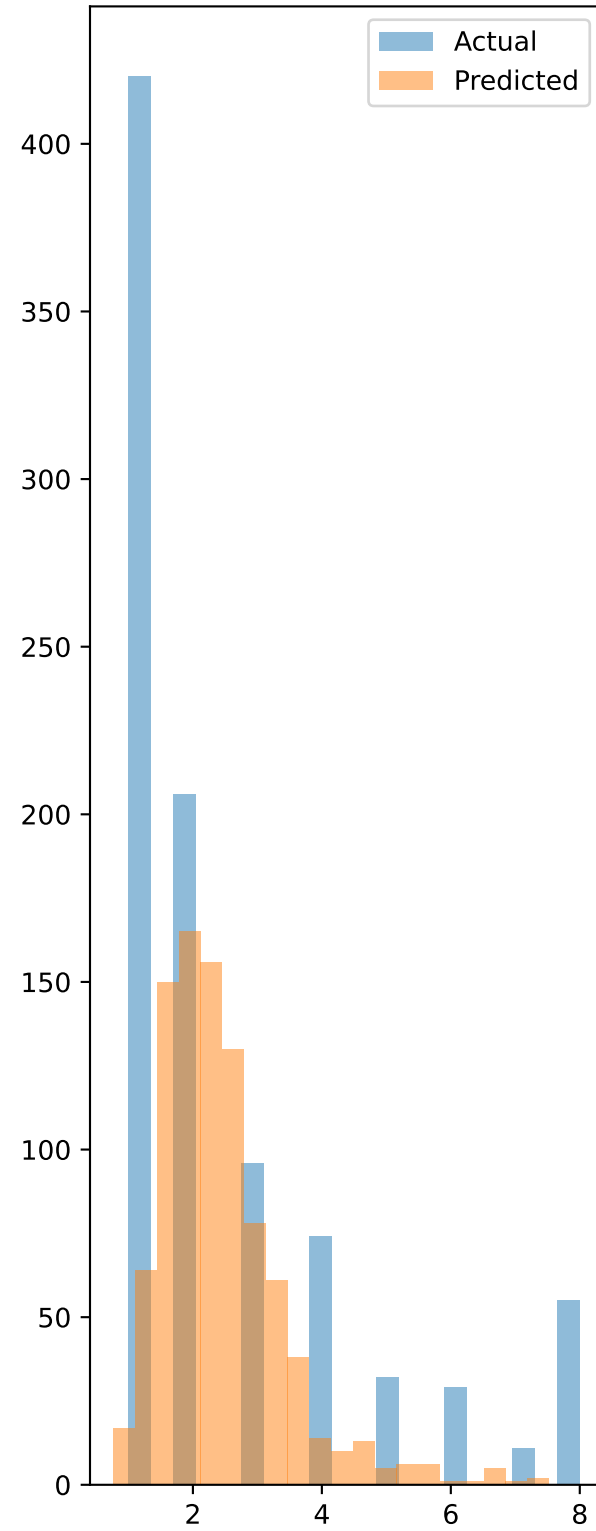
Distribution XGB model for  
Urobilinogen  
Asian group  
R2 score: 0.27  
Wasserstein Distance: 1.11



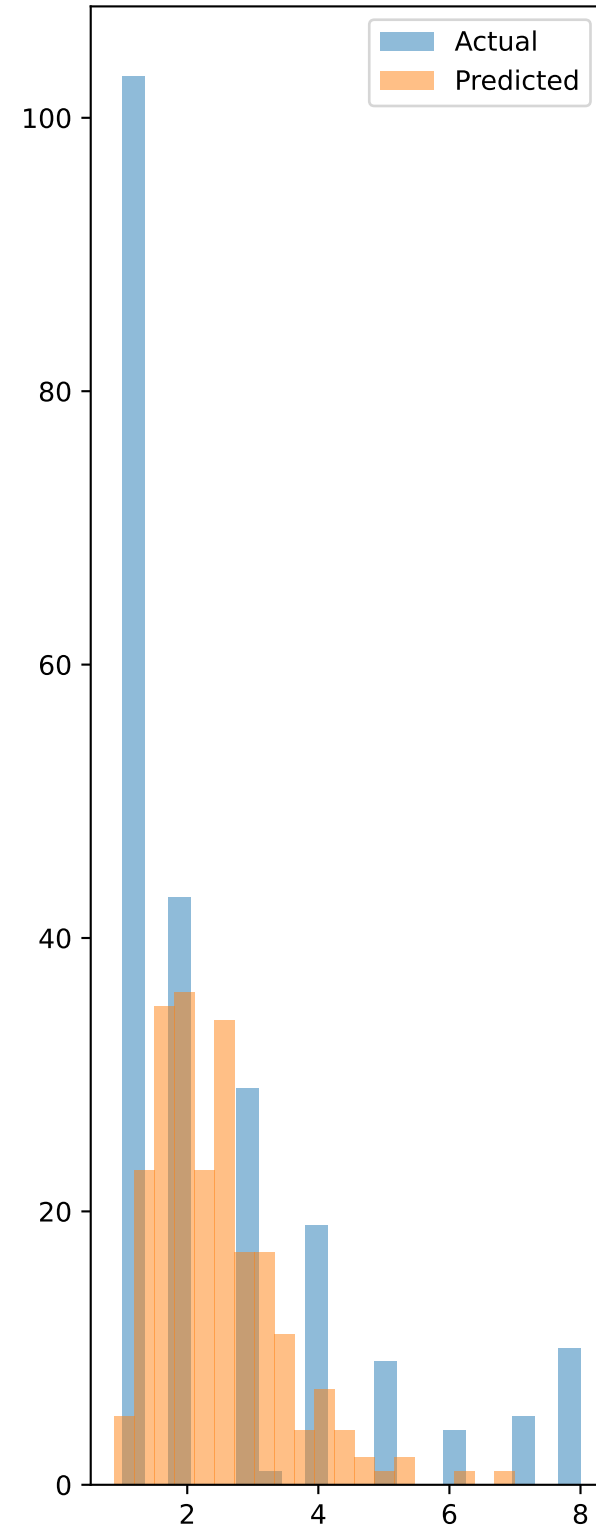
Distribution XGB model for  
Urobilinogen  
Others group  
R2 score: 0.13  
Wasserstein Distance: 0.80



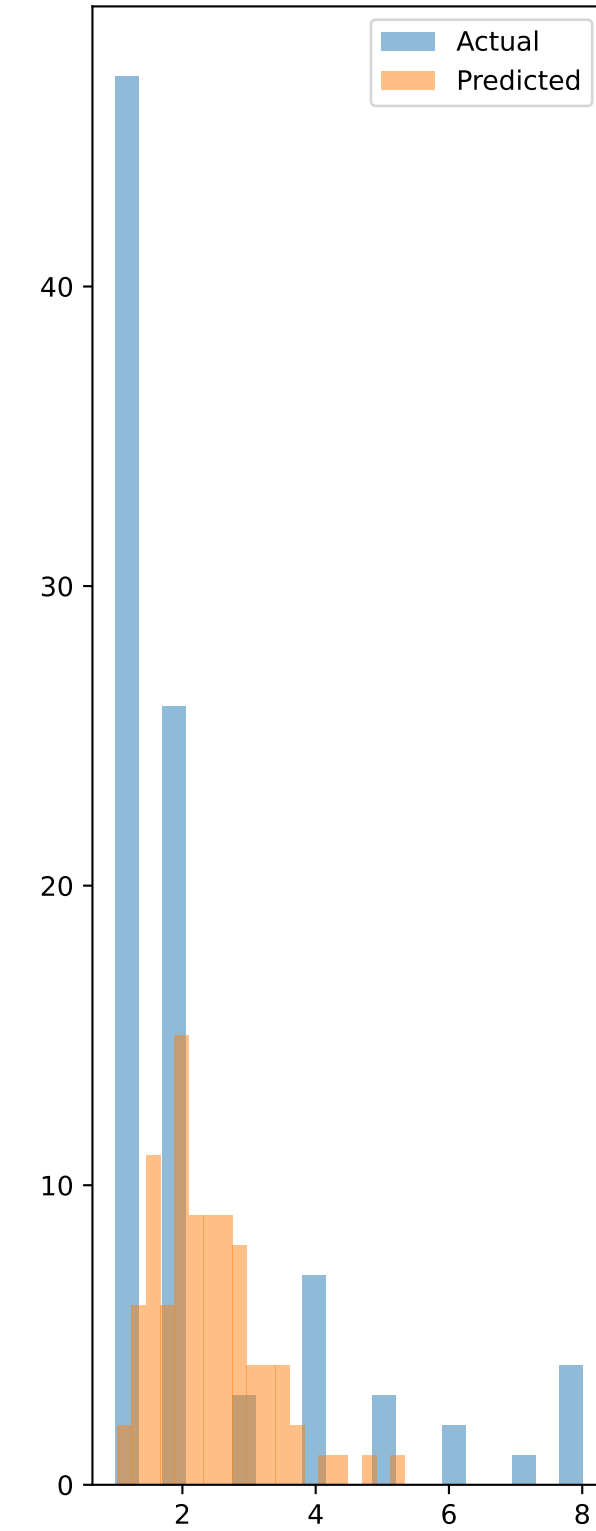
Distribution XGB model for  
Atypical Lymphocytes  
White group  
R2 score: 0.29  
Wasserstein Distance: 0.84



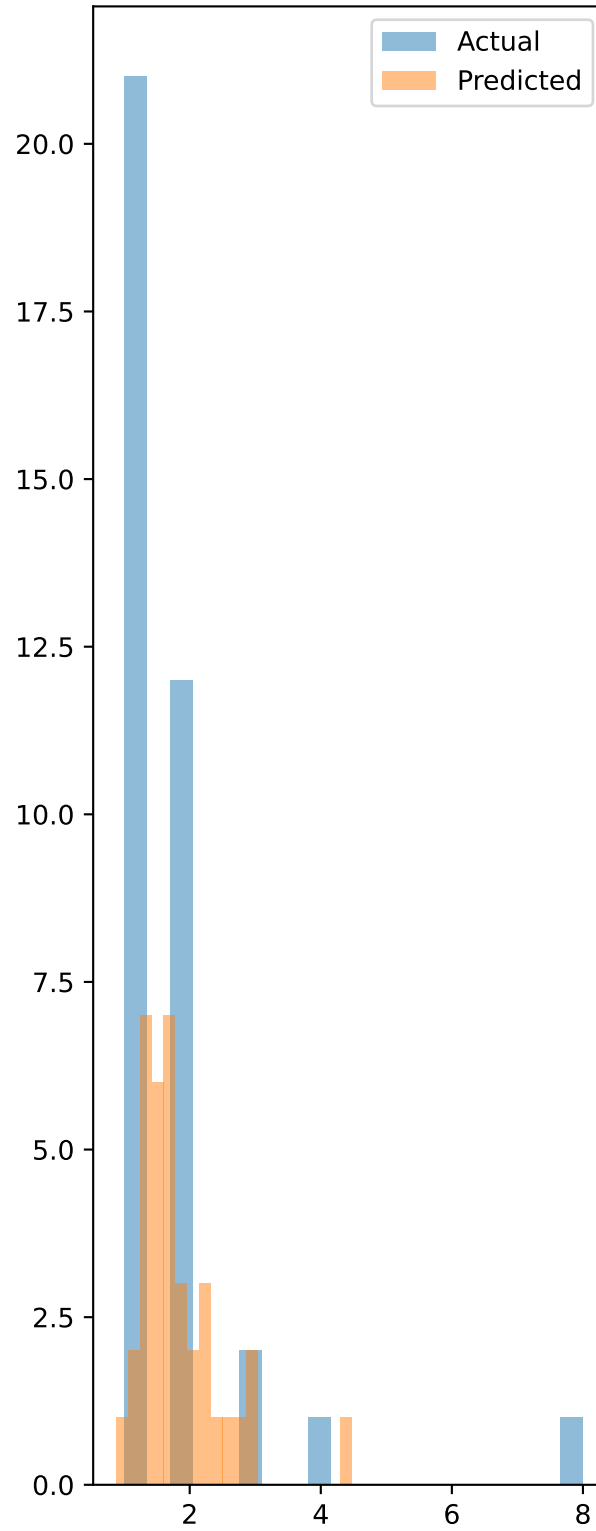
Distribution XGB model for  
Atypical Lymphocytes  
Black group  
R2 score: 0.26  
Wasserstein Distance: 0.77



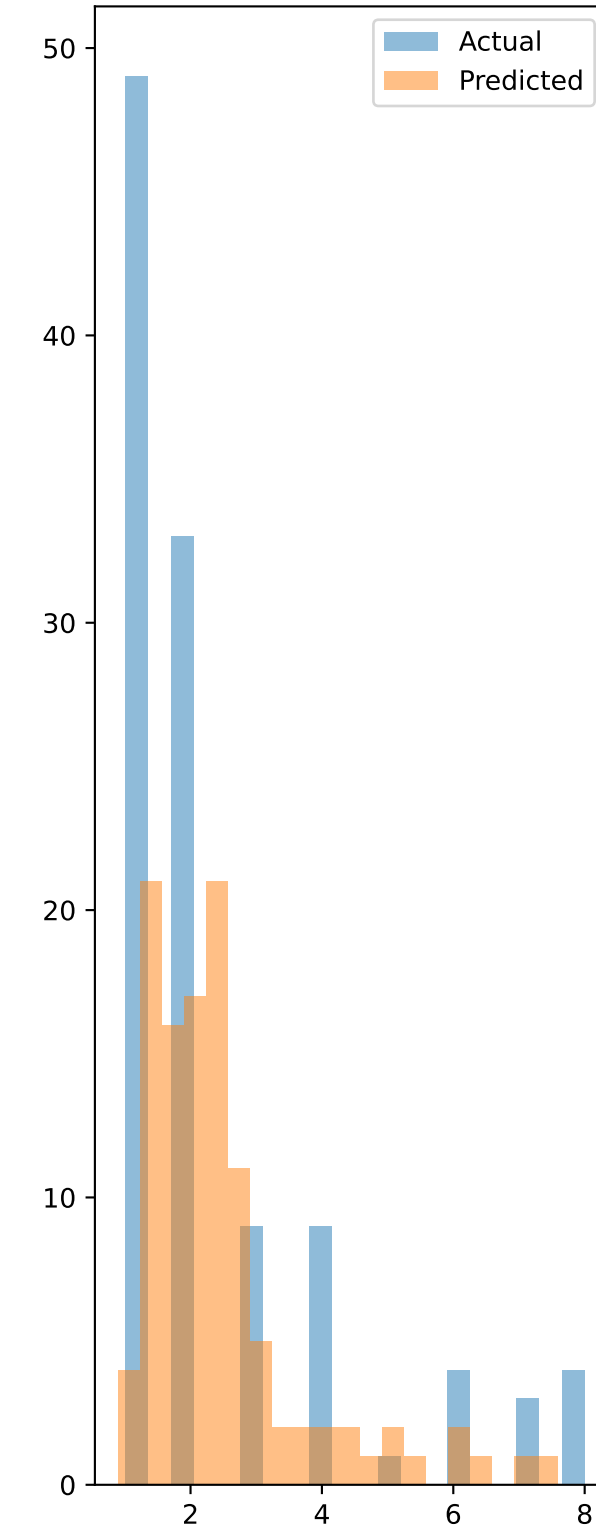
Distribution XGB model for  
Atypical Lymphocytes  
Hispanic group  
R2 score: 0.16  
Wasserstein Distance: 0.89



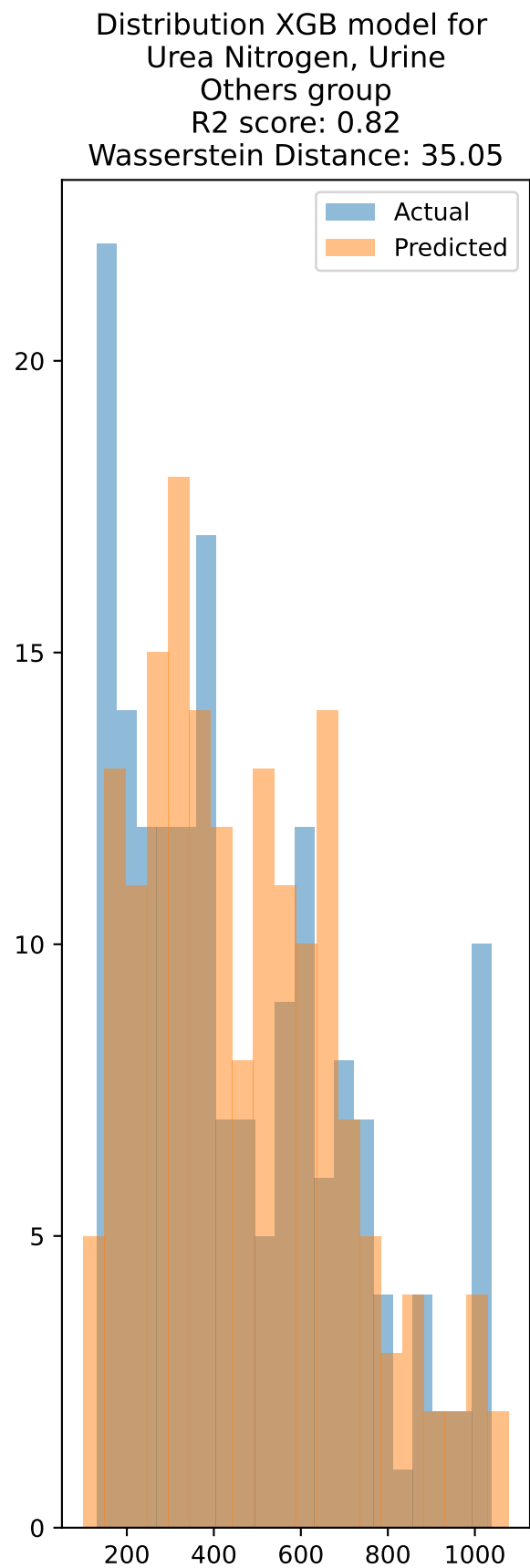
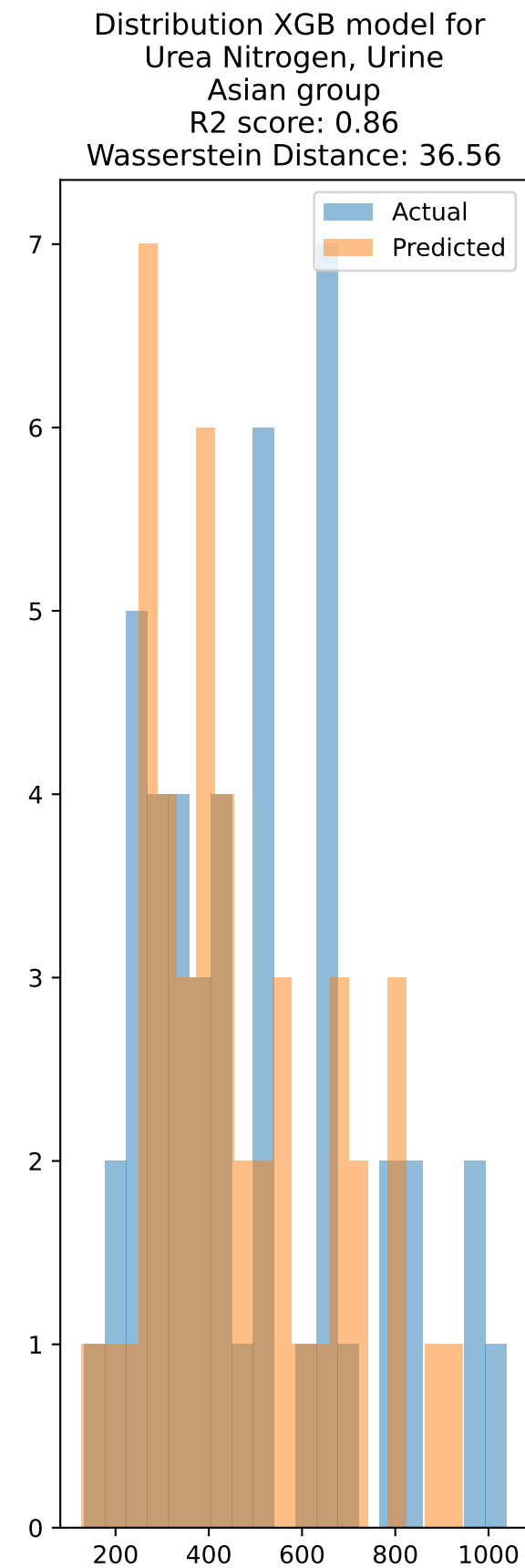
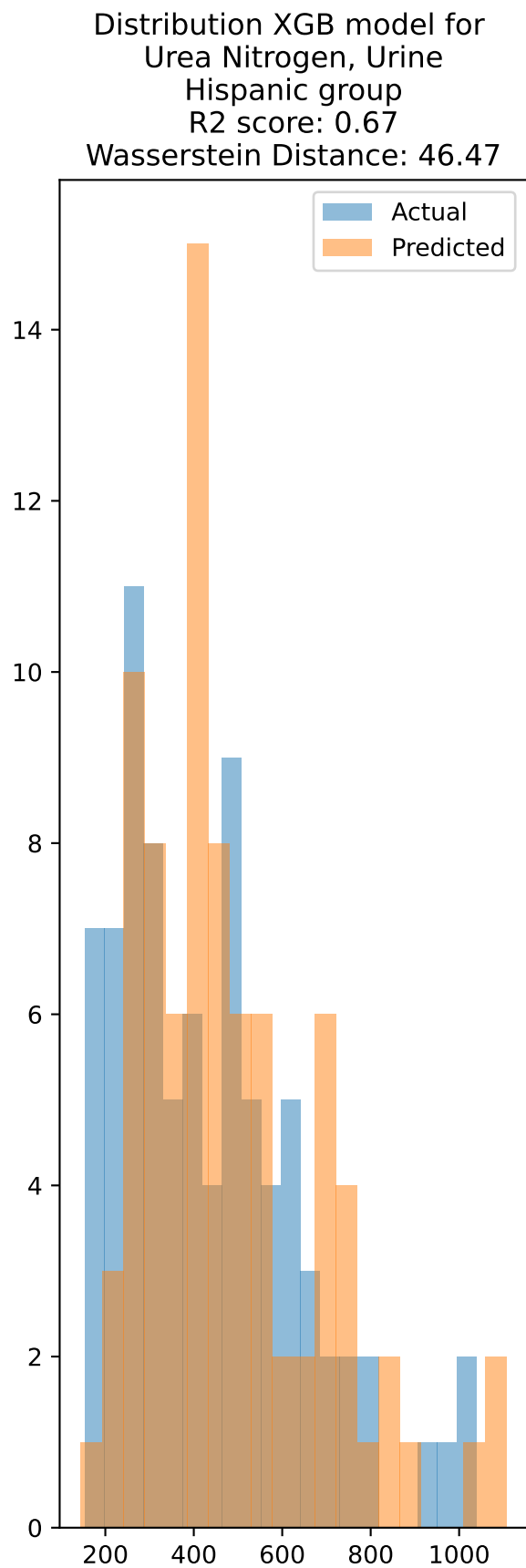
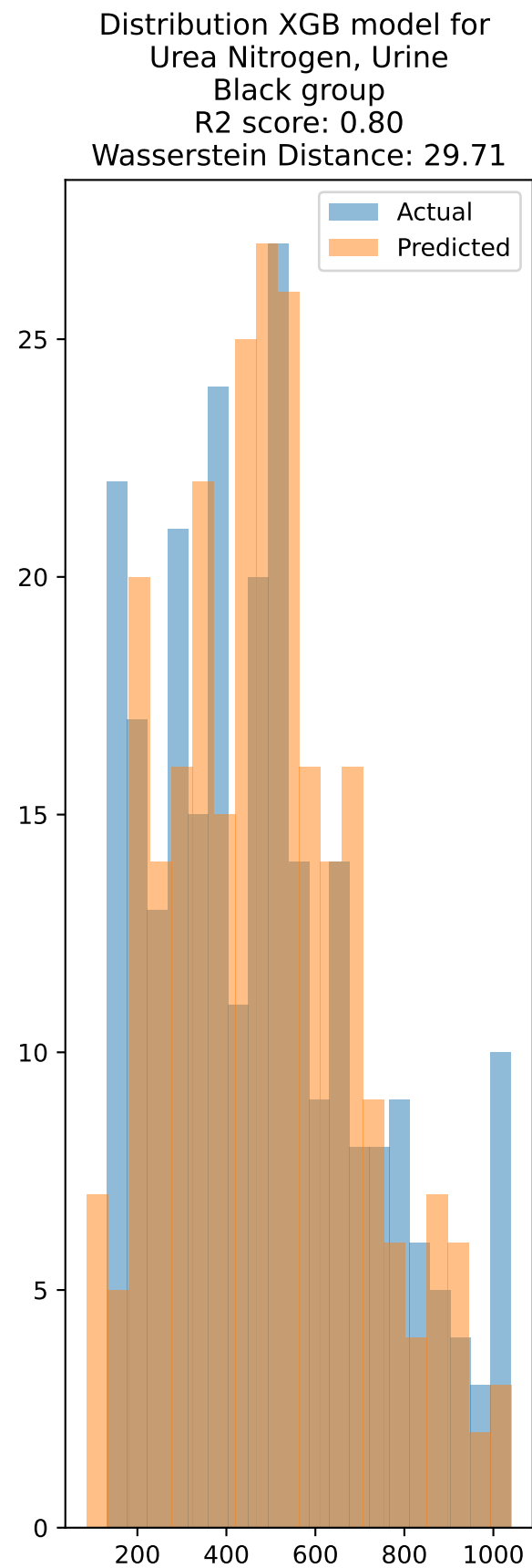
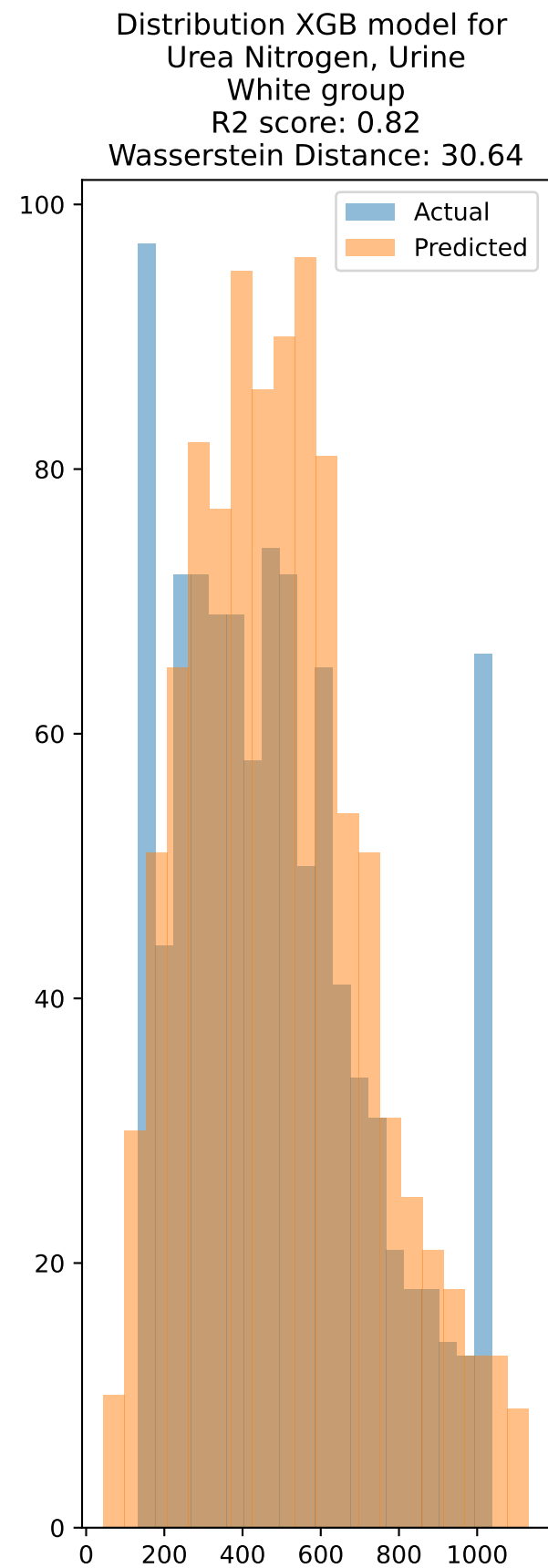
Distribution XGB model for  
Atypical Lymphocytes  
Asian group  
R2 score: -0.04  
Wasserstein Distance: 0.46

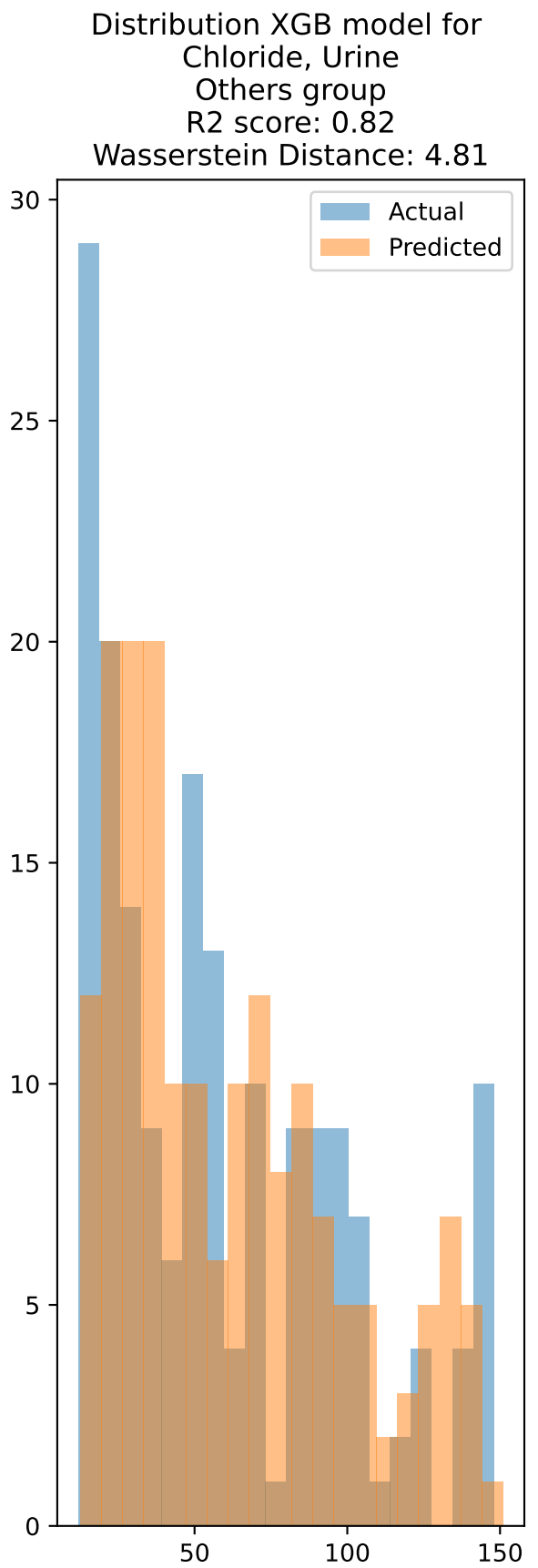
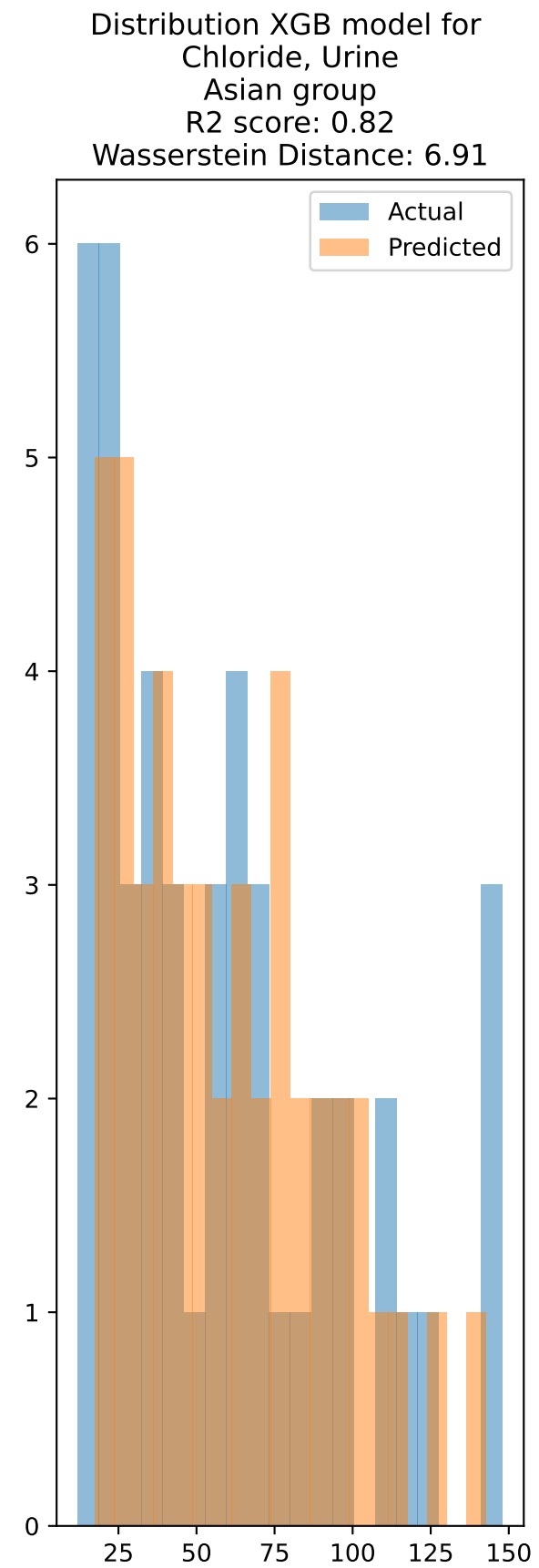
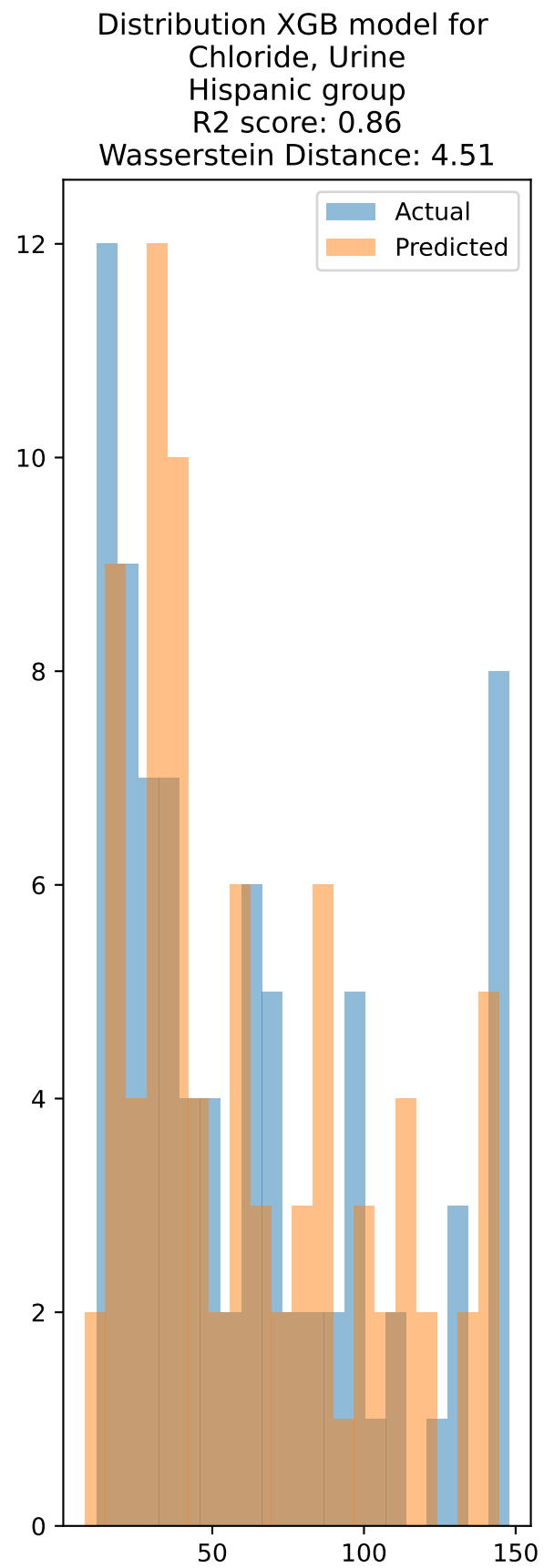
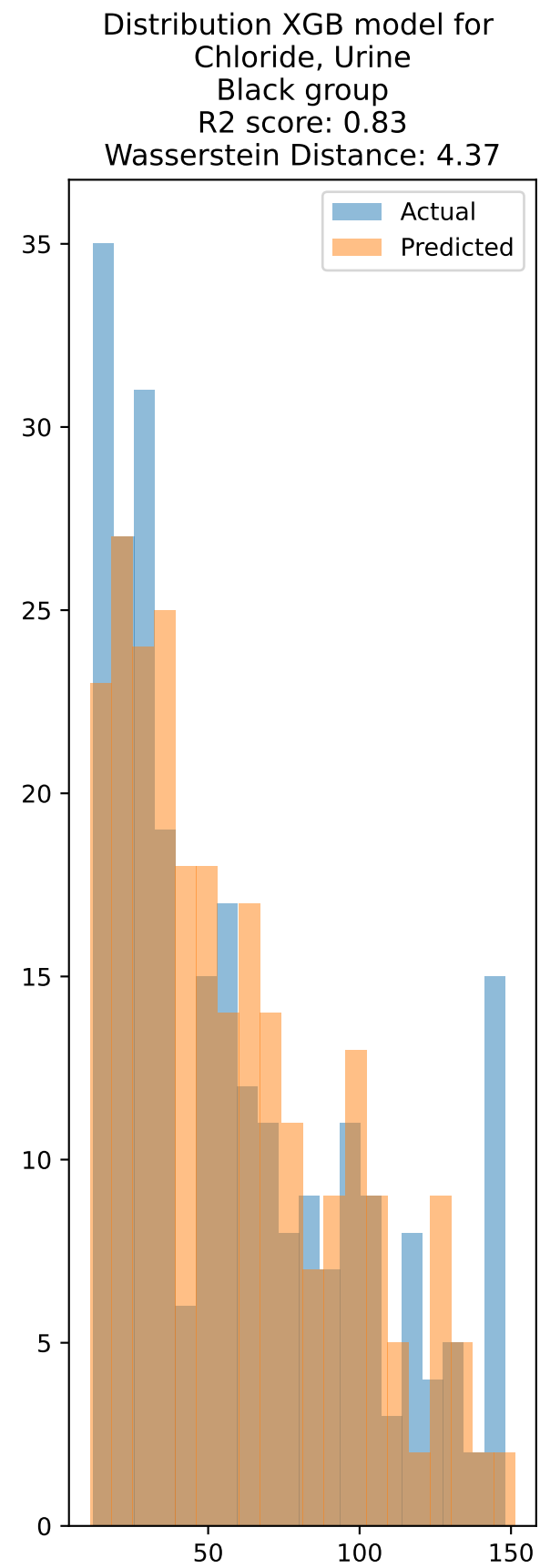
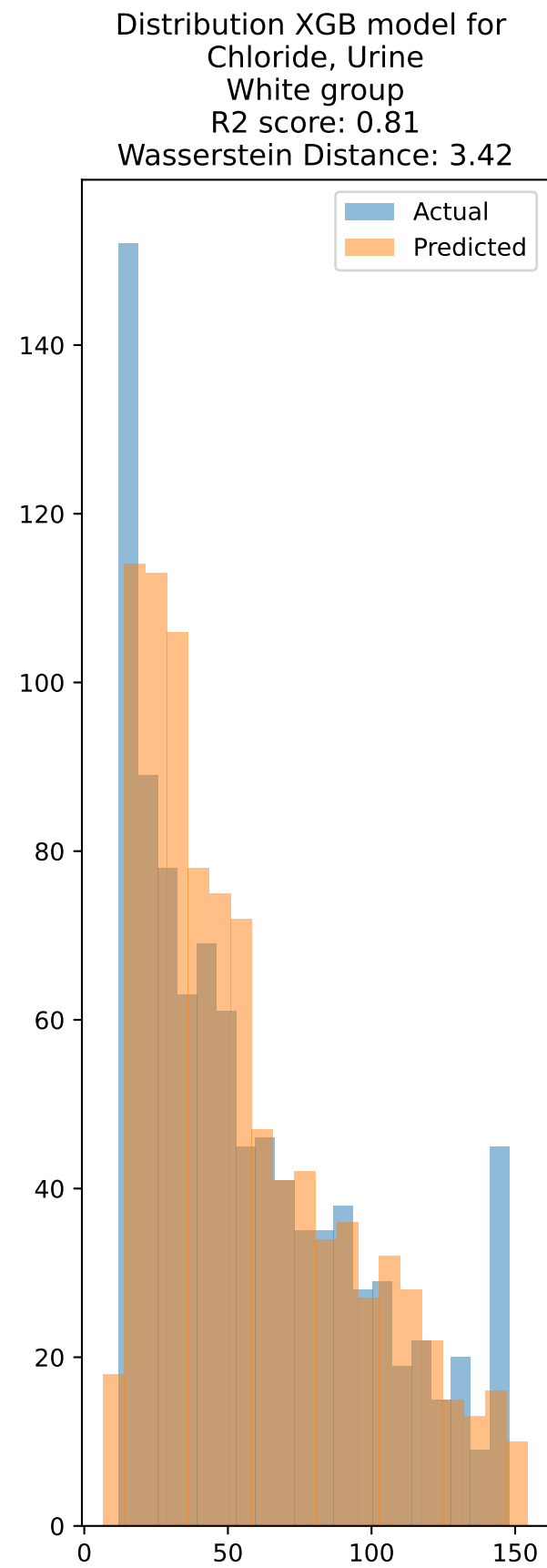


Distribution XGB model for  
Atypical Lymphocytes  
Others group  
R2 score: 0.33  
Wasserstein Distance: 0.56

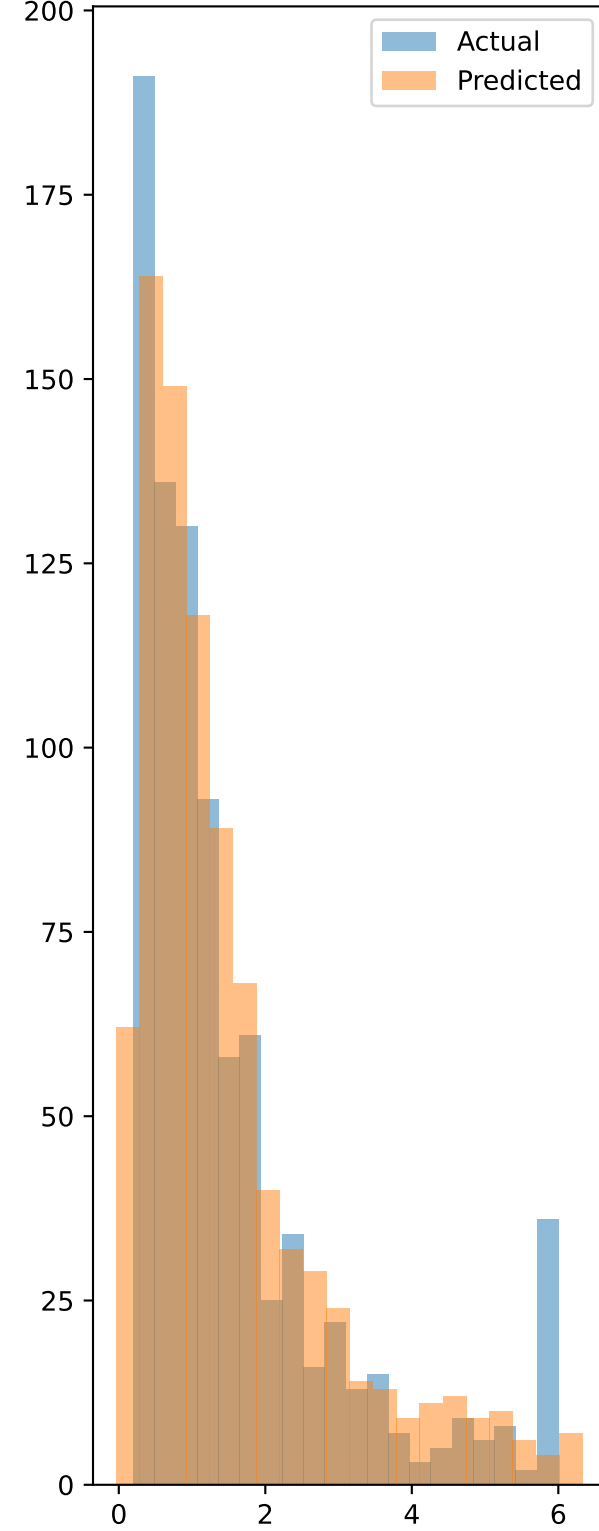




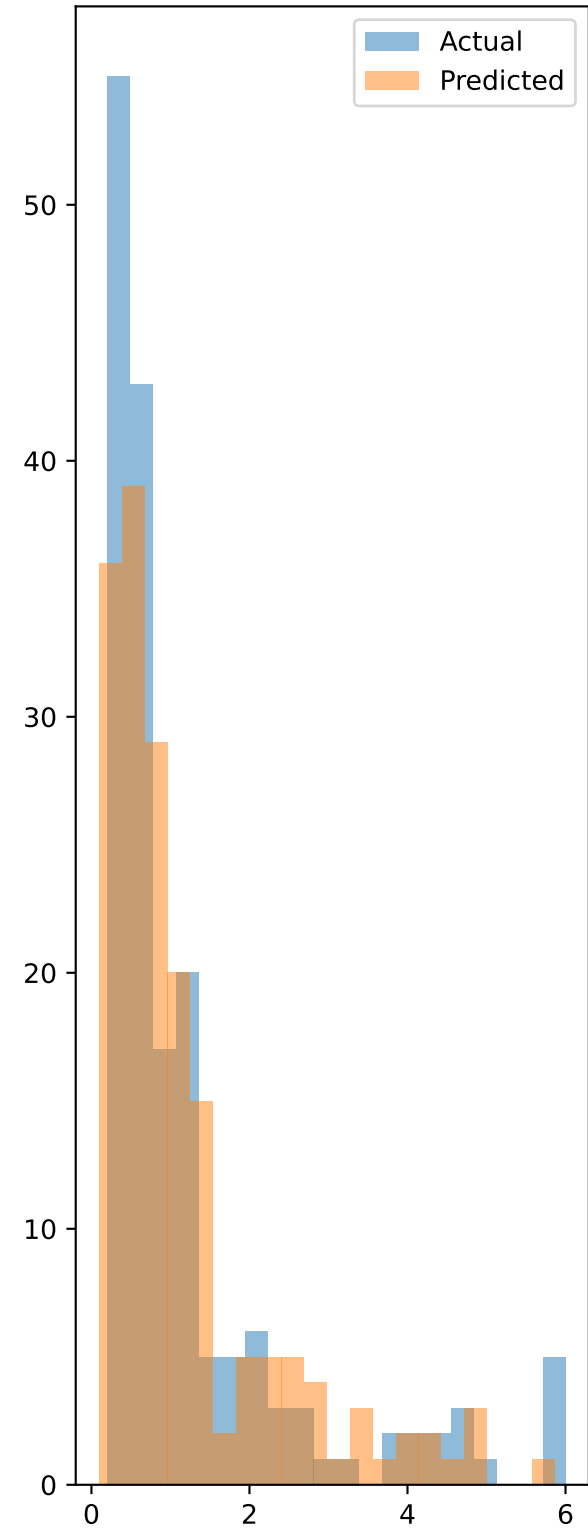




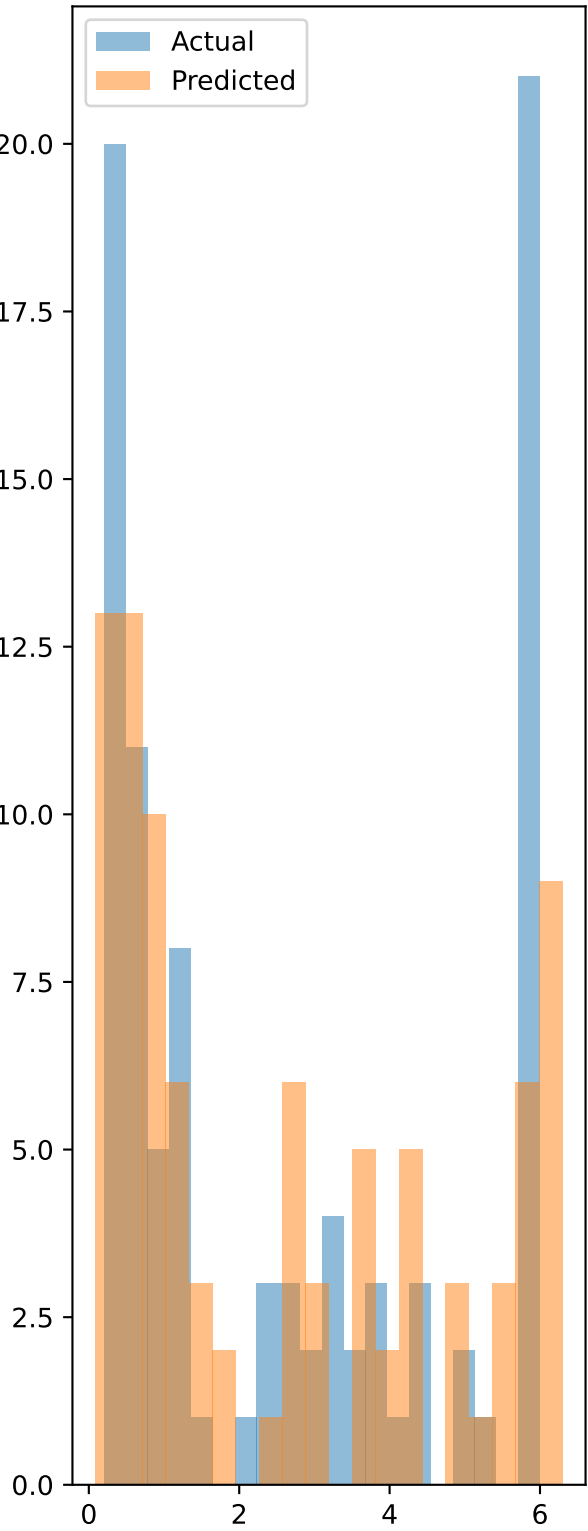
Distribution XGB model for  
Bilirubin, Indirect  
White group  
R2 score: 0.87  
Wasserstein Distance: 0.10



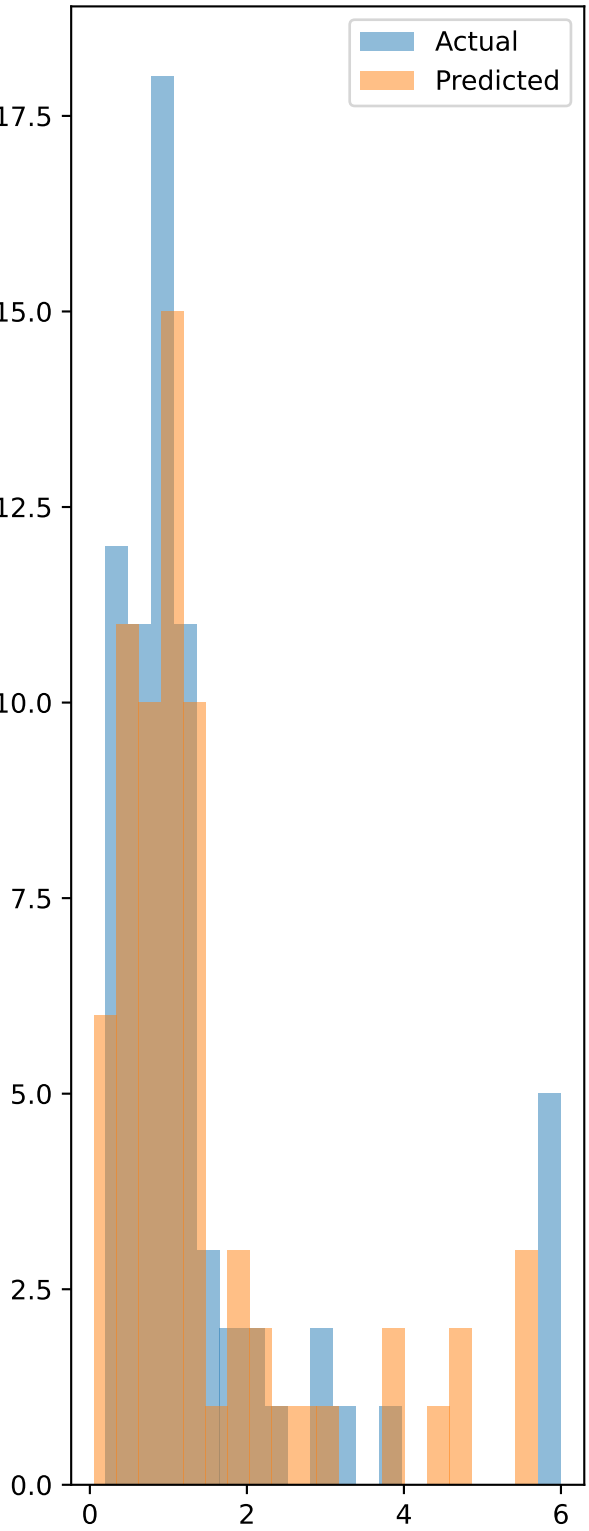
Distribution XGB model for  
Bilirubin, Indirect  
Black group  
R2 score: 0.85  
Wasserstein Distance: 0.14



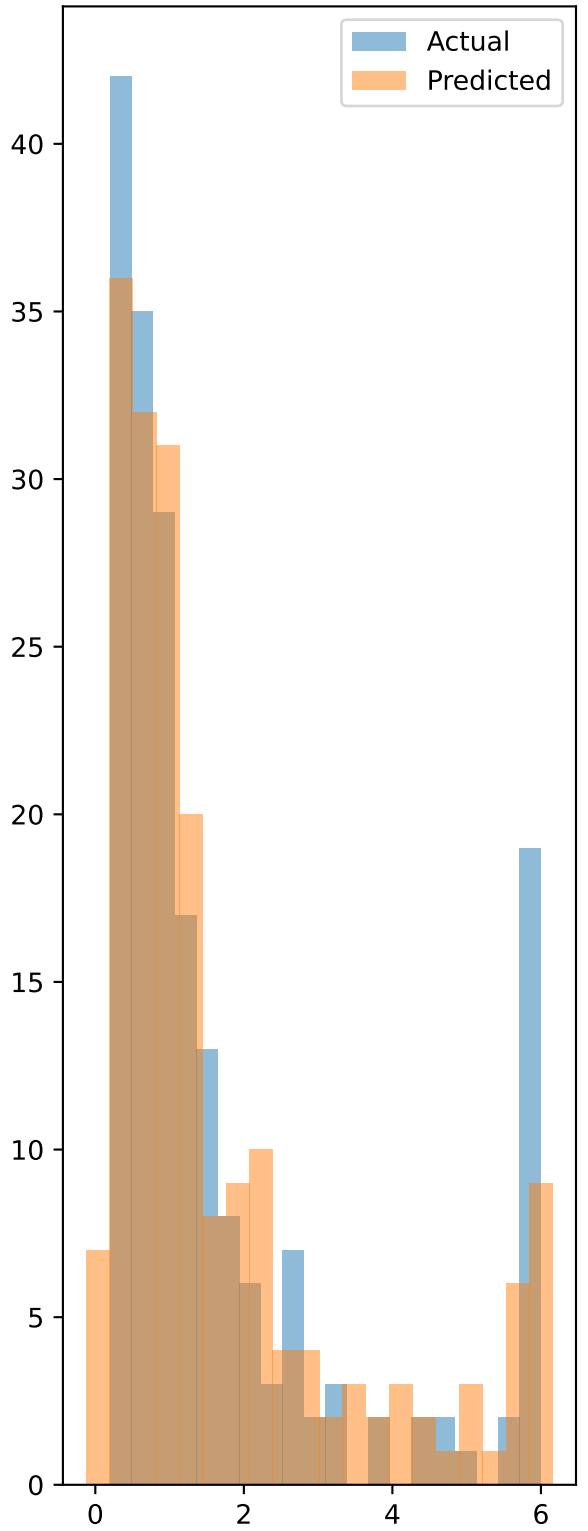
Distribution XGB model for  
Bilirubin, Indirect  
Hispanic group  
R2 score: 0.92  
Wasserstein Distance: 0.16



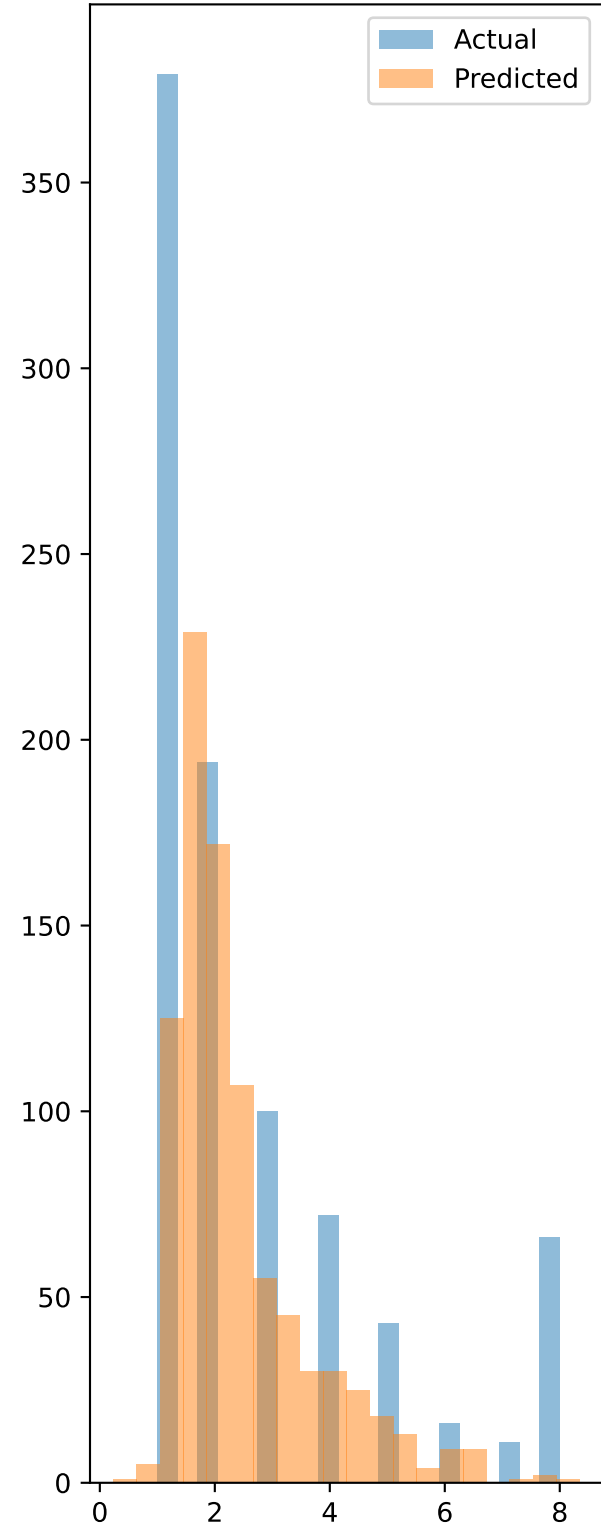
Distribution XGB model for  
Bilirubin, Indirect  
Asian group  
R2 score: 0.91  
Wasserstein Distance: 0.18



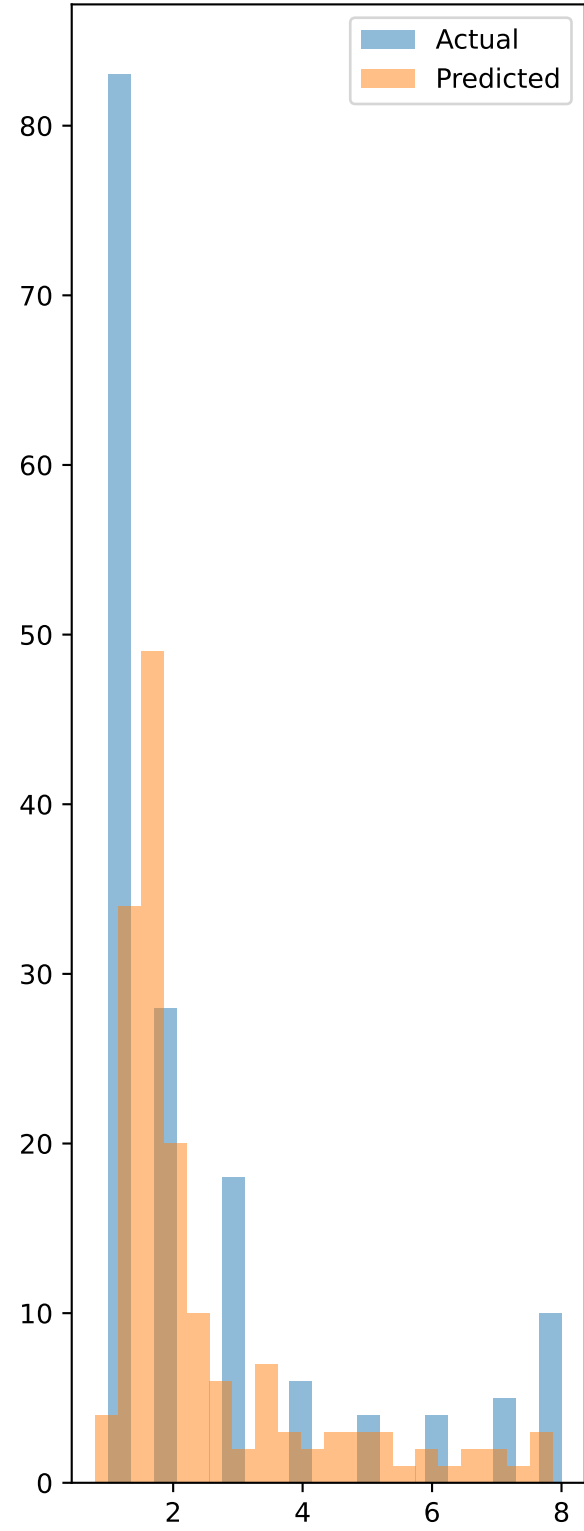
Distribution XGB model for  
Bilirubin, Indirect  
Others group  
R2 score: 0.93  
Wasserstein Distance: 0.11



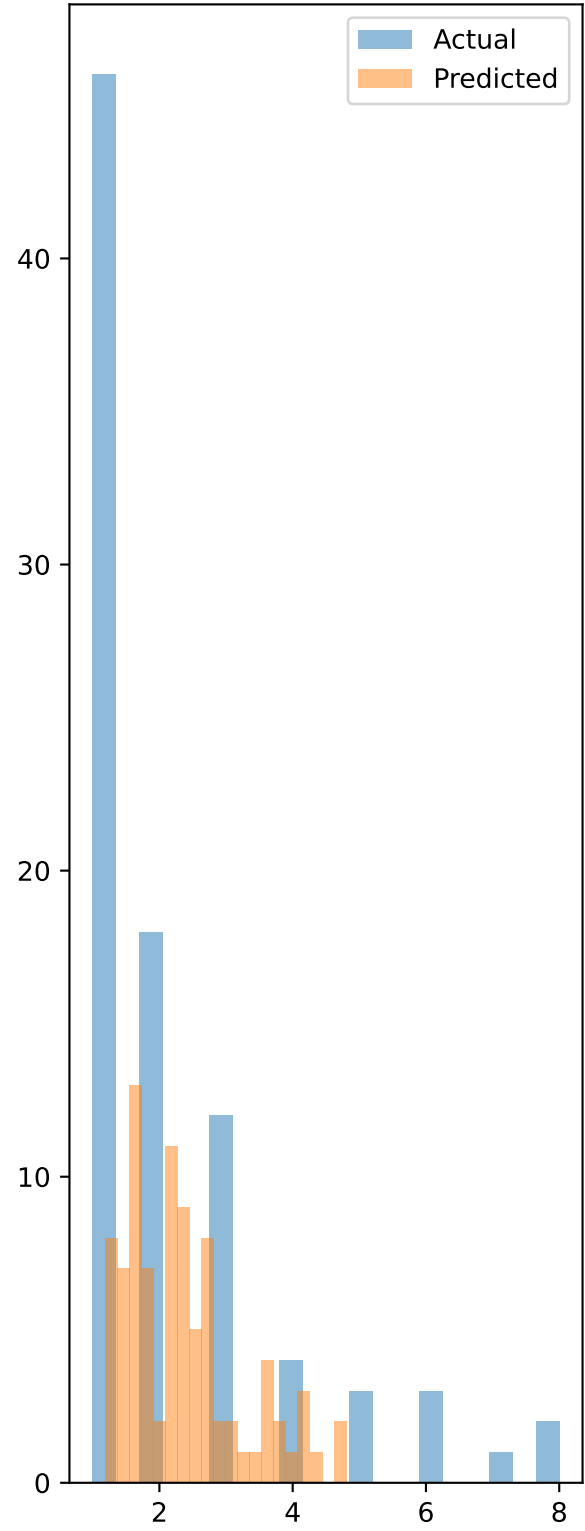
Distribution XGB model for  
Myelocytes  
White group  
R2 score: 0.37  
Wasserstein Distance: 0.68



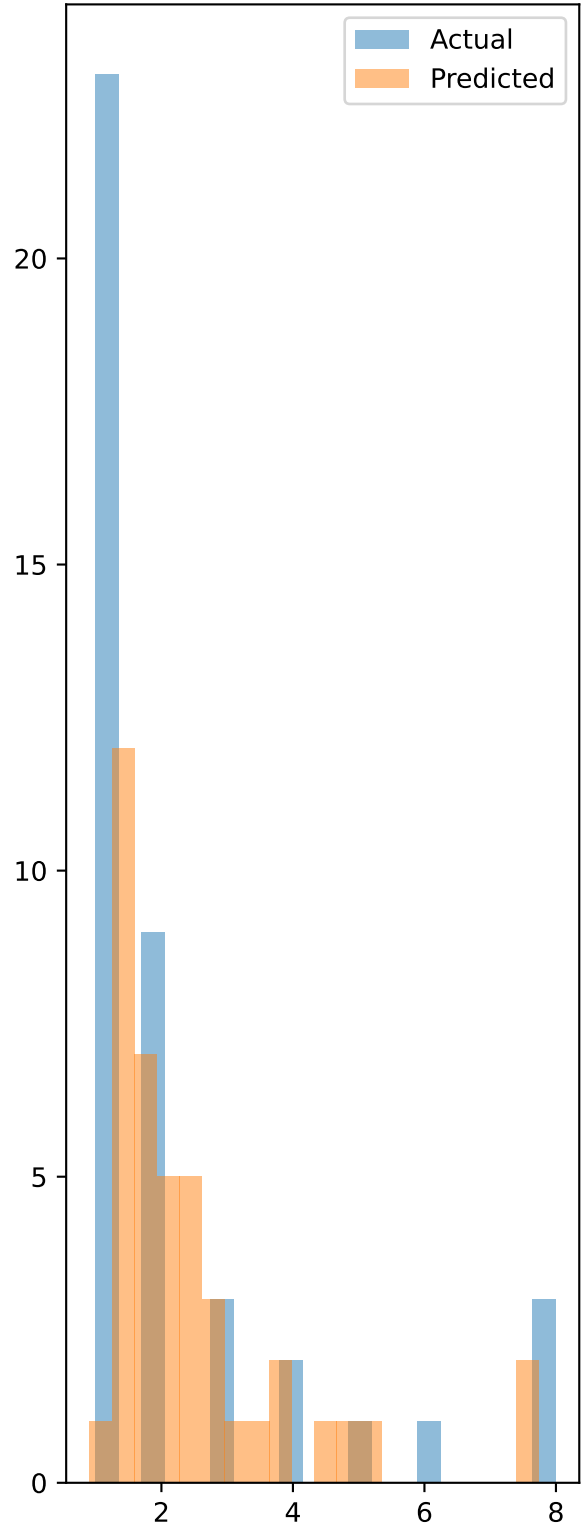
Distribution XGB model for  
Myelocytes  
Black group  
R2 score: 0.60  
Wasserstein Distance: 0.51



Distribution XGB model for  
Myelocytes  
Hispanic group  
R2 score: 0.27  
Wasserstein Distance: 0.69



Distribution XGB model for  
Myelocytes  
Asian group  
R2 score: 0.60  
Wasserstein Distance: 0.56



Distribution XGB model for  
Myelocytes  
Others group  
R2 score: 0.37  
Wasserstein Distance: 0.64

