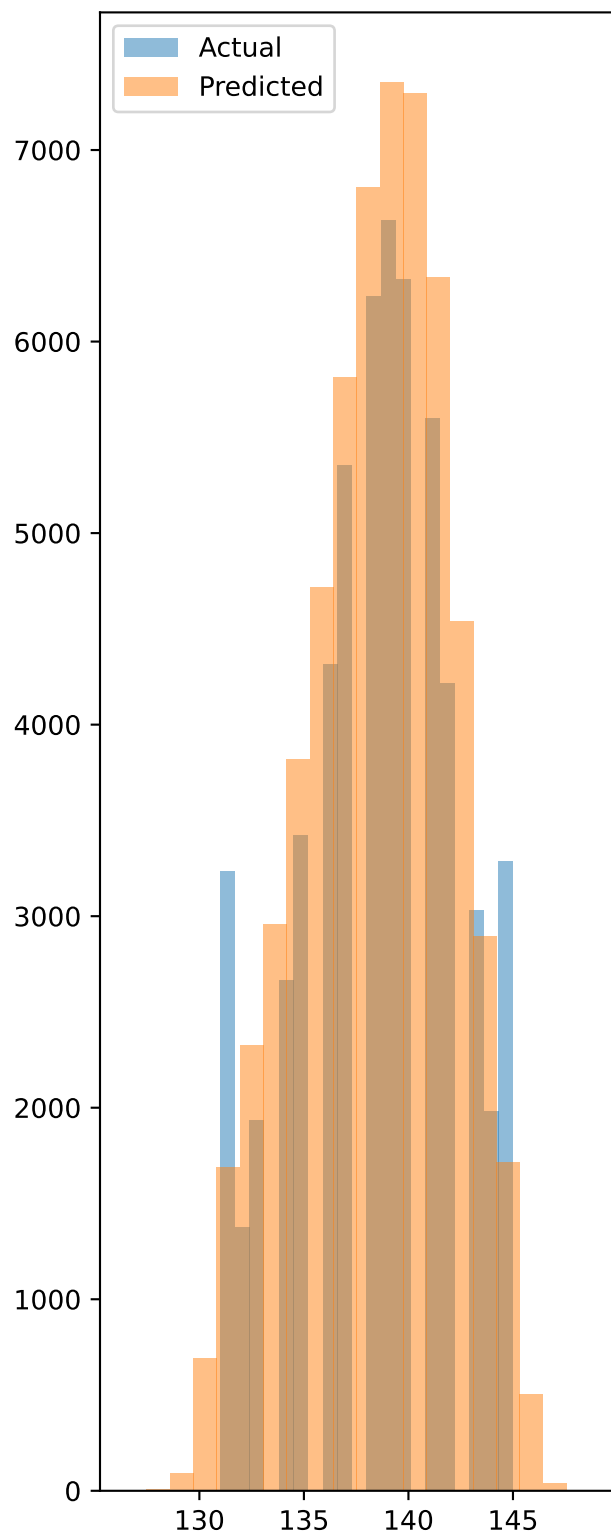
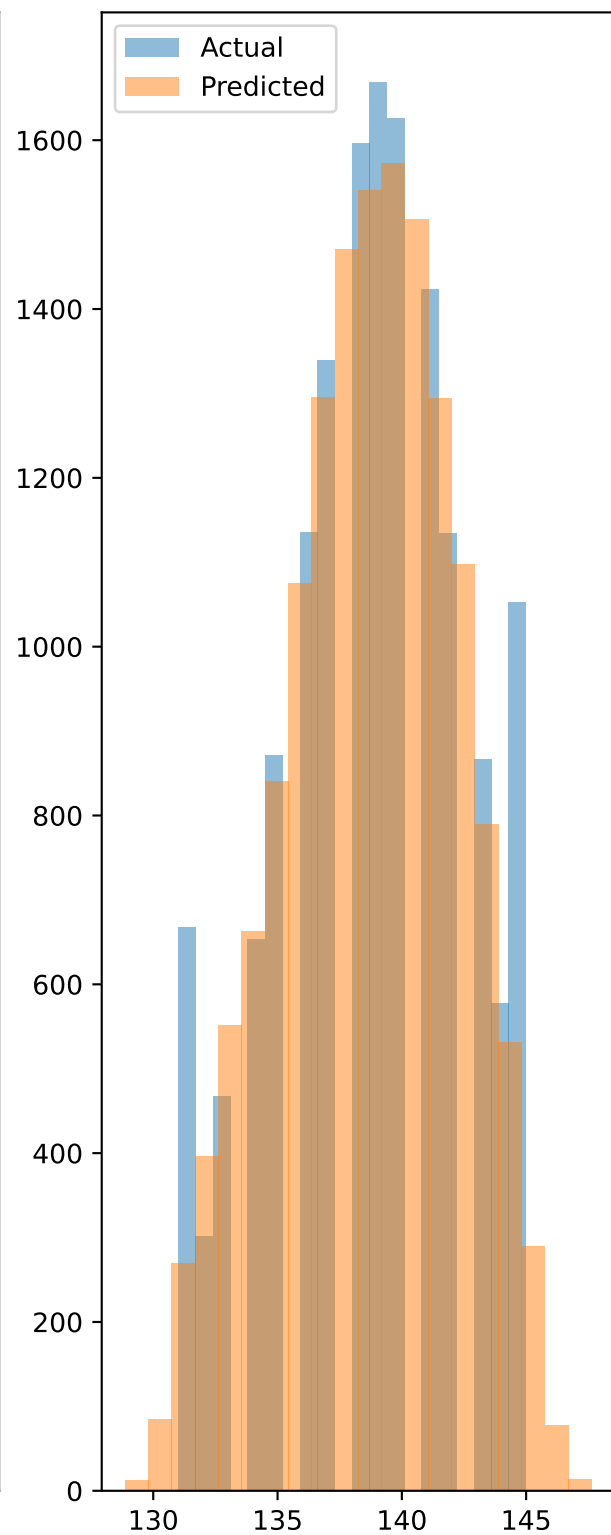


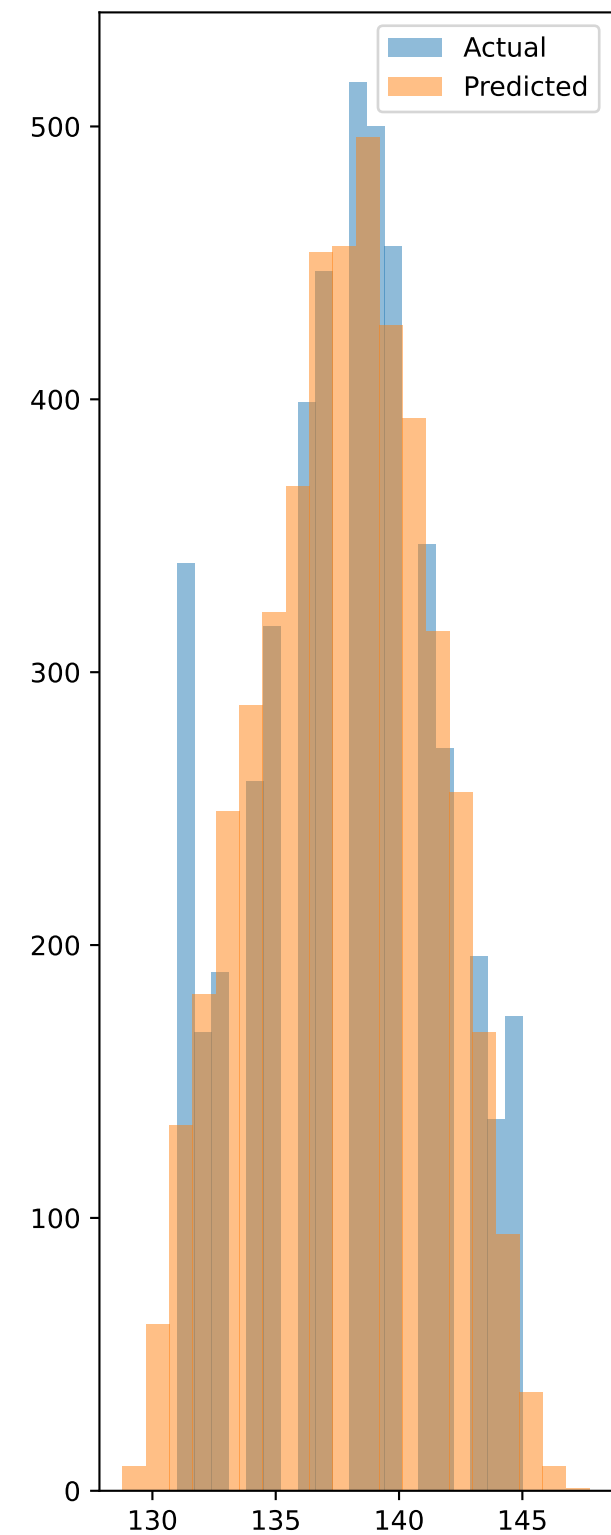
Distribution XGB model for
Sodium
White group
R2 score: 0.92
Wasserstein Distance: 0.31



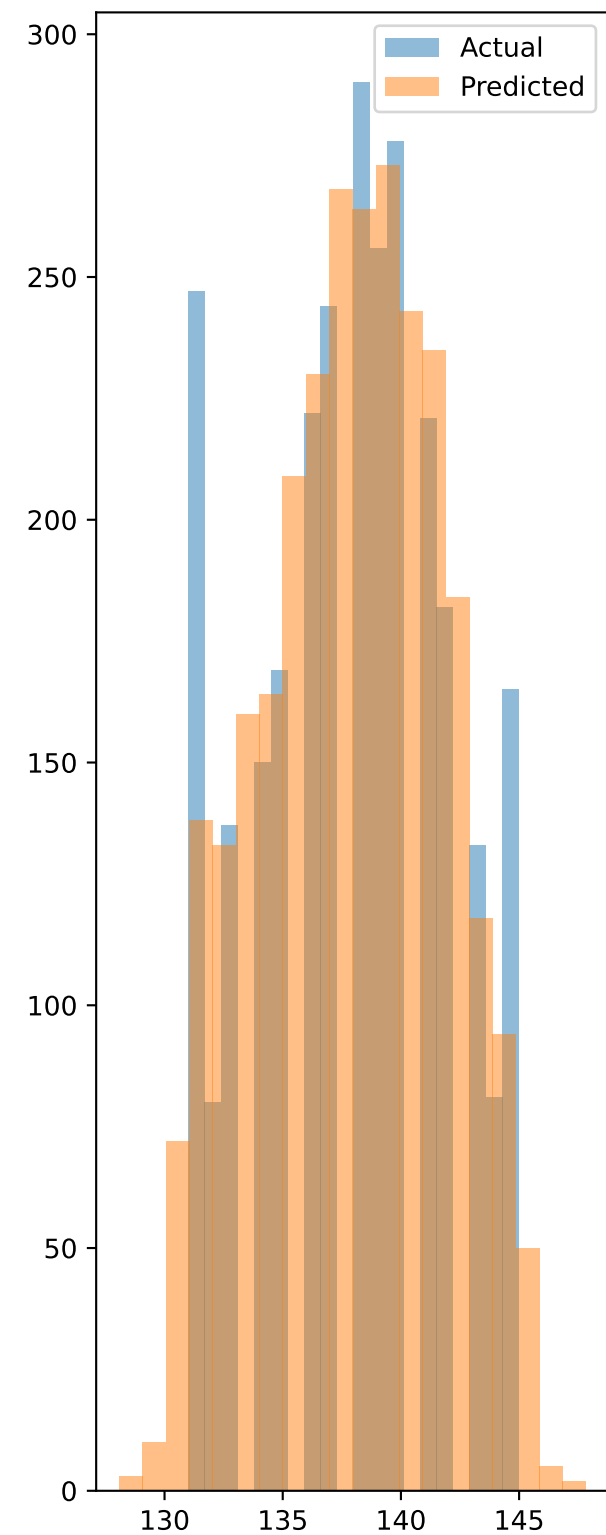
Distribution XGB model for
Sodium
Black group
R2 score: 0.91
Wasserstein Distance: 0.32



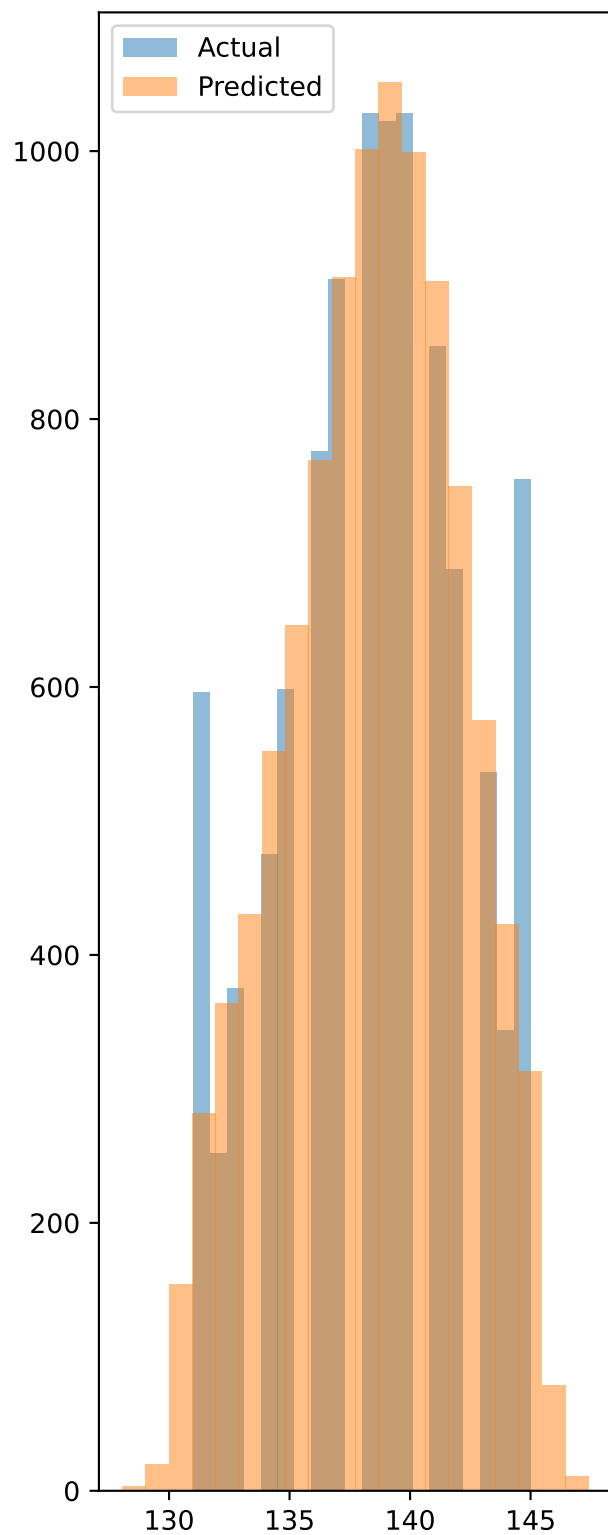
Distribution XGB model for
Sodium
Hispanic group
R2 score: 0.92
Wasserstein Distance: 0.32



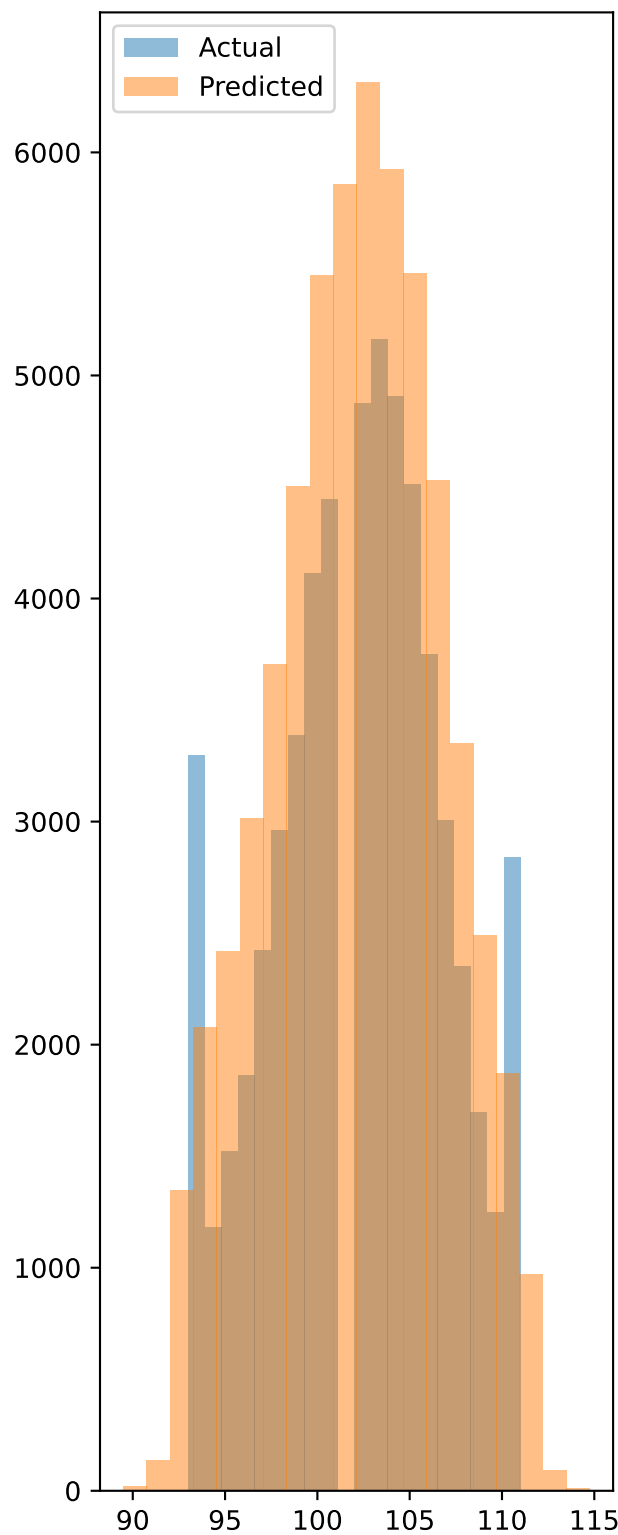
Distribution XGB model for
Sodium
Asian group
R2 score: 0.93
Wasserstein Distance: 0.31



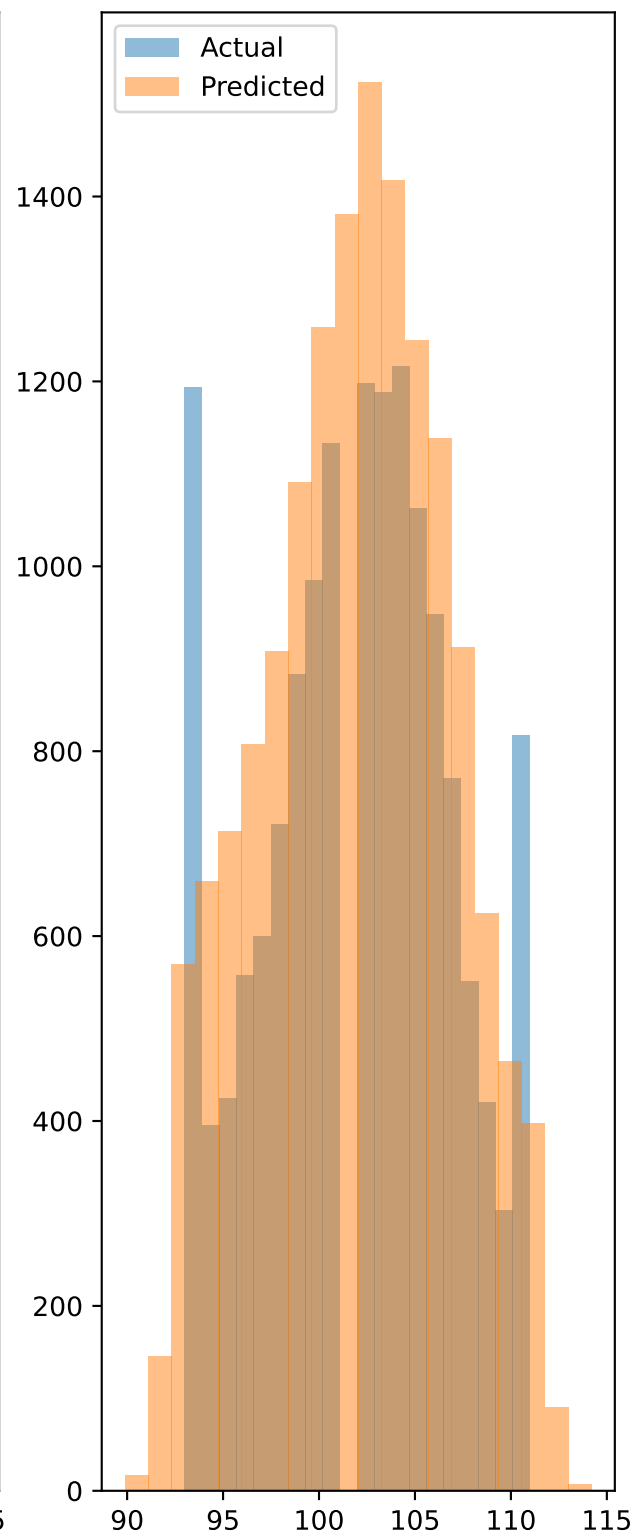
Distribution XGB model for
Sodium
Others group
R2 score: 0.92
Wasserstein Distance: 0.32



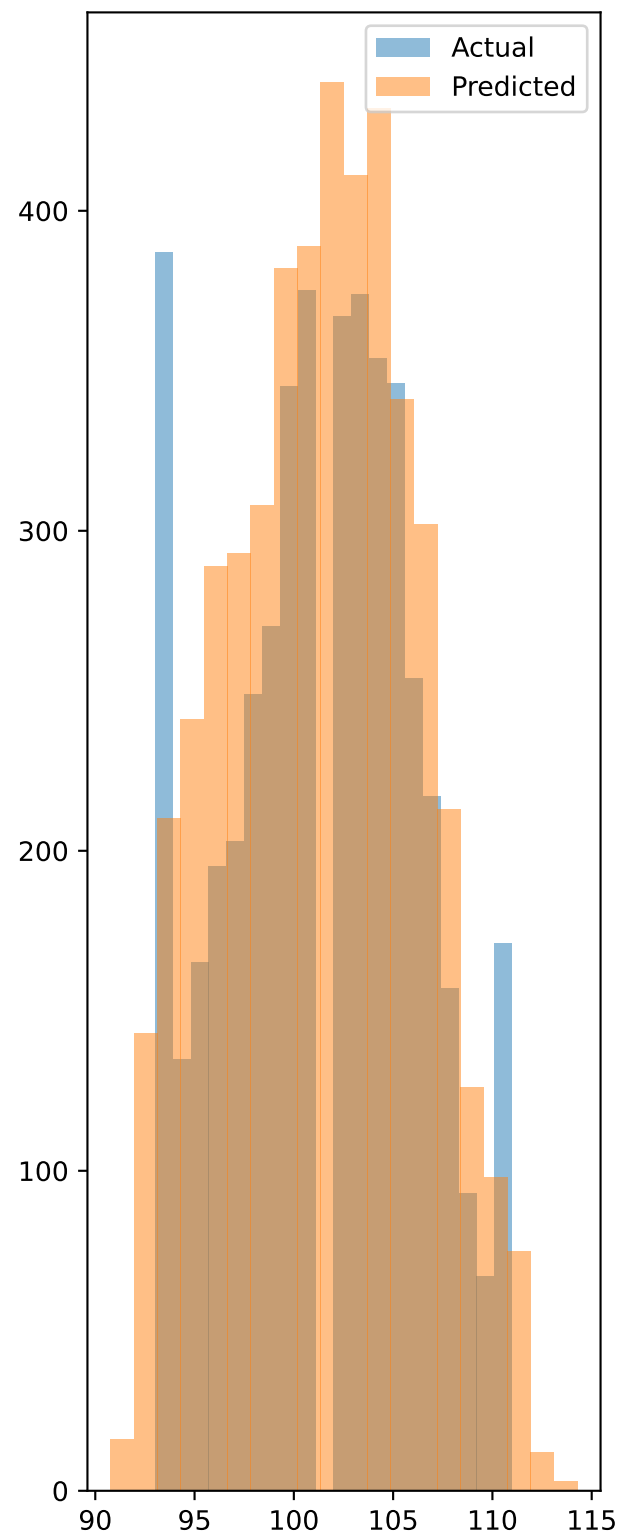
Distribution XGB model for
Chloride
White group
R2 score: 0.95
Wasserstein Distance: 0.30



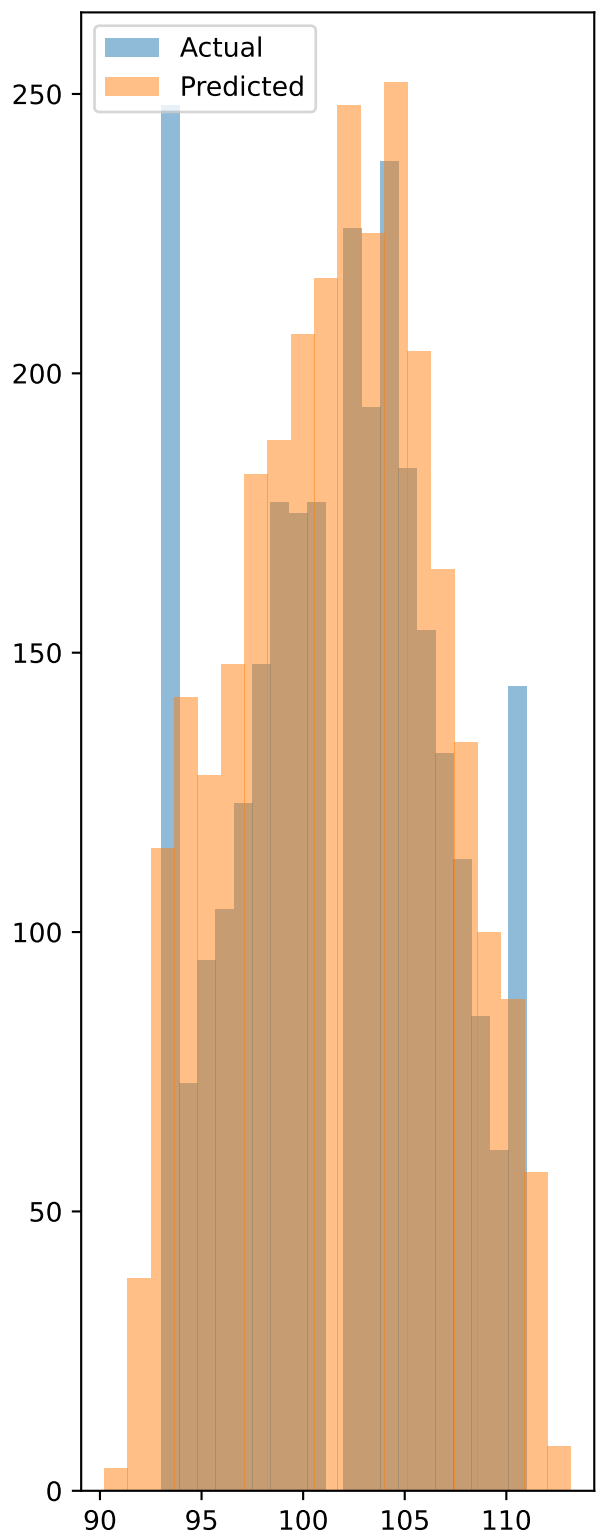
Distribution XGB model for
Chloride
Black group
R2 score: 0.95
Wasserstein Distance: 0.33



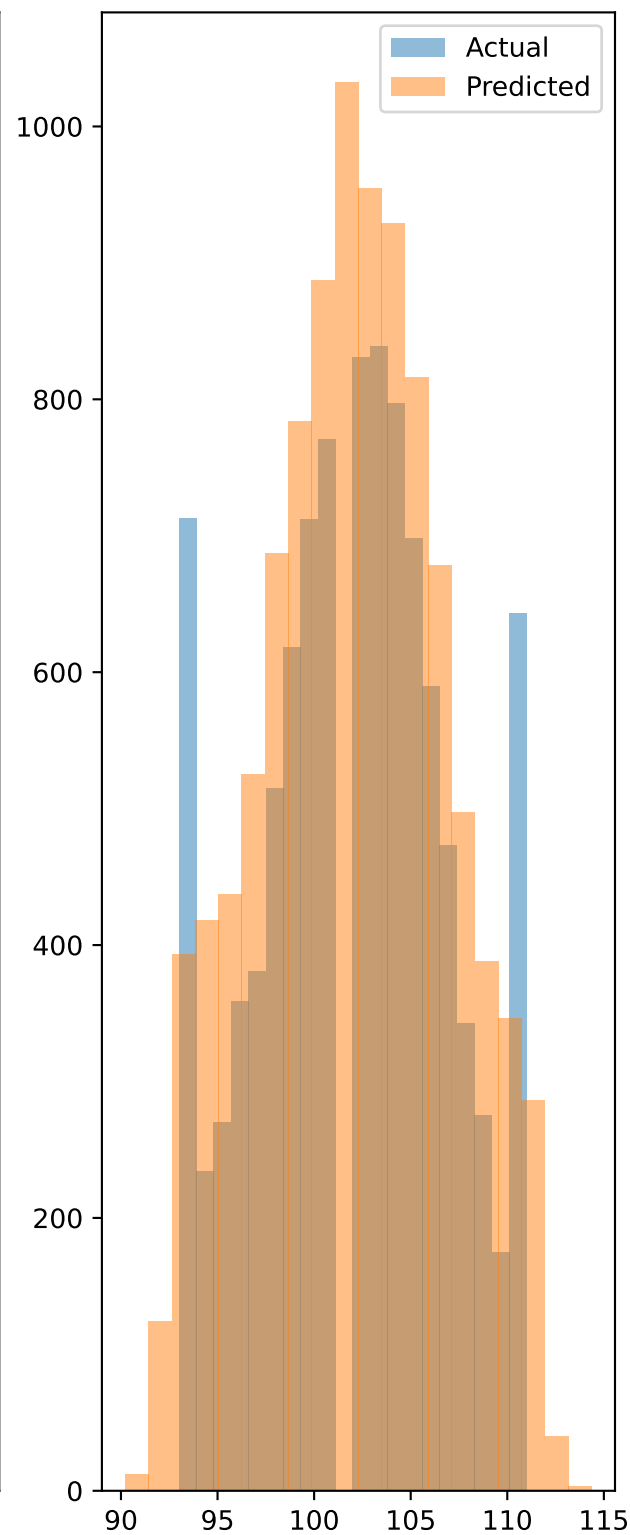
Distribution XGB model for
Chloride
Hispanic group
R2 score: 0.95
Wasserstein Distance: 0.32



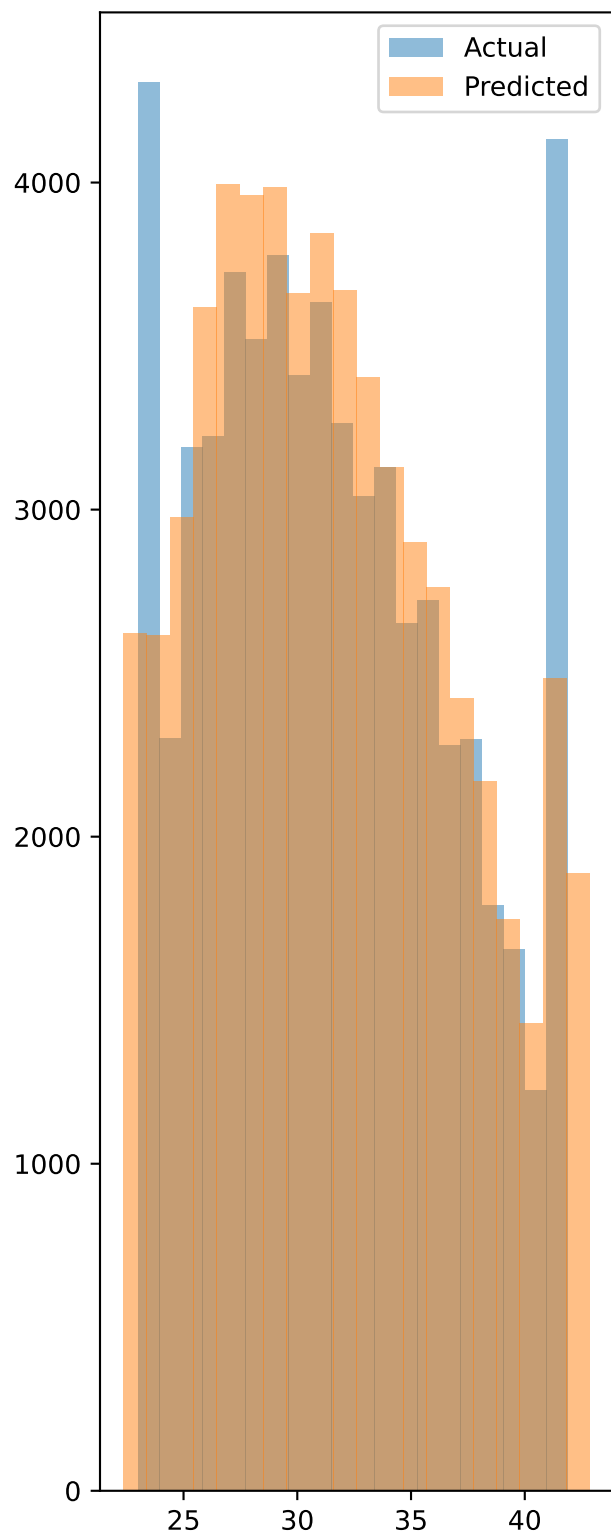
Distribution XGB model for
Chloride
Asian group
R2 score: 0.95
Wasserstein Distance: 0.33



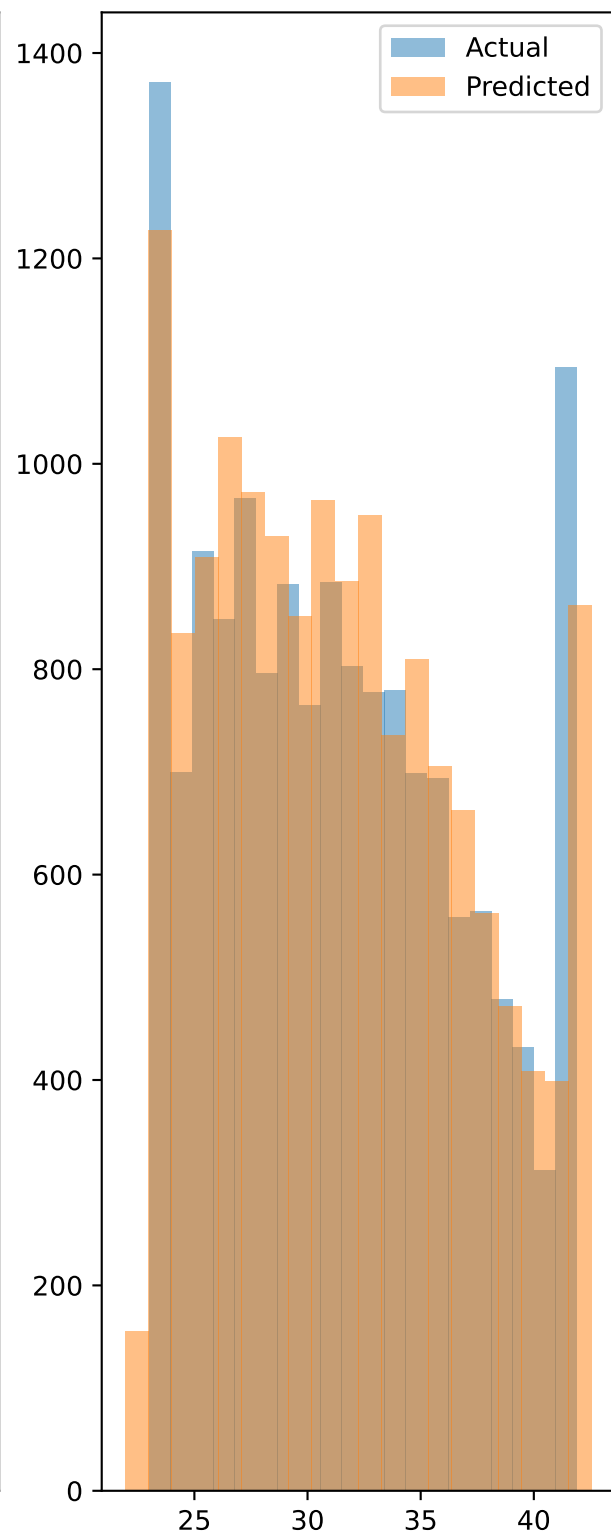
Distribution XGB model for
Chloride
Others group
R2 score: 0.95
Wasserstein Distance: 0.32



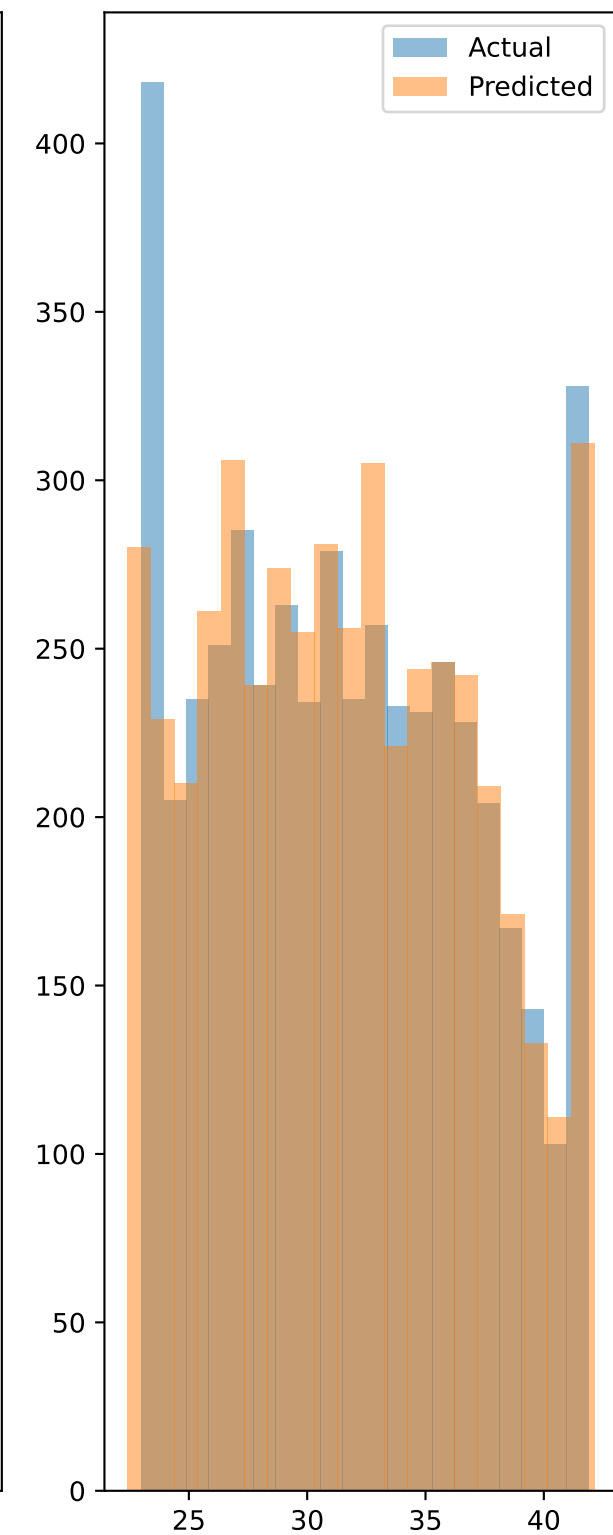
Distribution XGB model for
Hematocrit
White group
R2 score: 0.99
Wasserstein Distance: 0.05



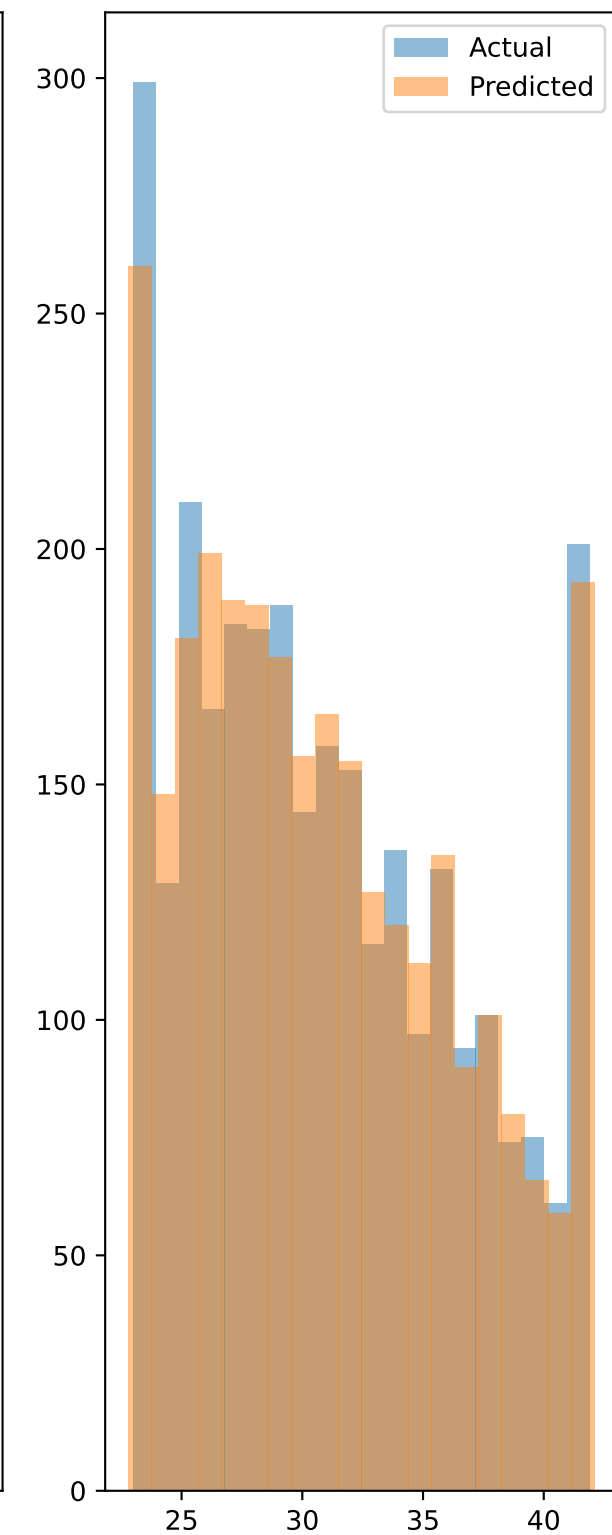
Distribution XGB model for
Hematocrit
Black group
R2 score: 0.99
Wasserstein Distance: 0.05



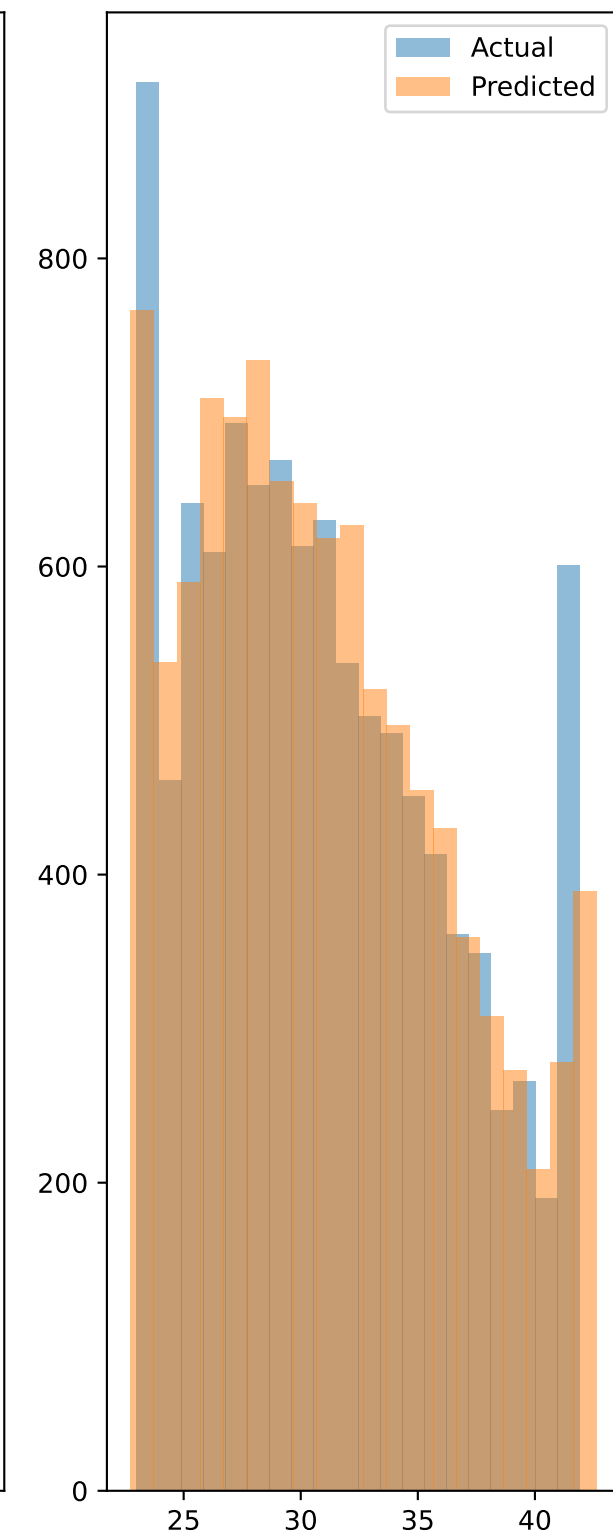
Distribution XGB model for
Hematocrit
Hispanic group
R2 score: 0.99
Wasserstein Distance: 0.05

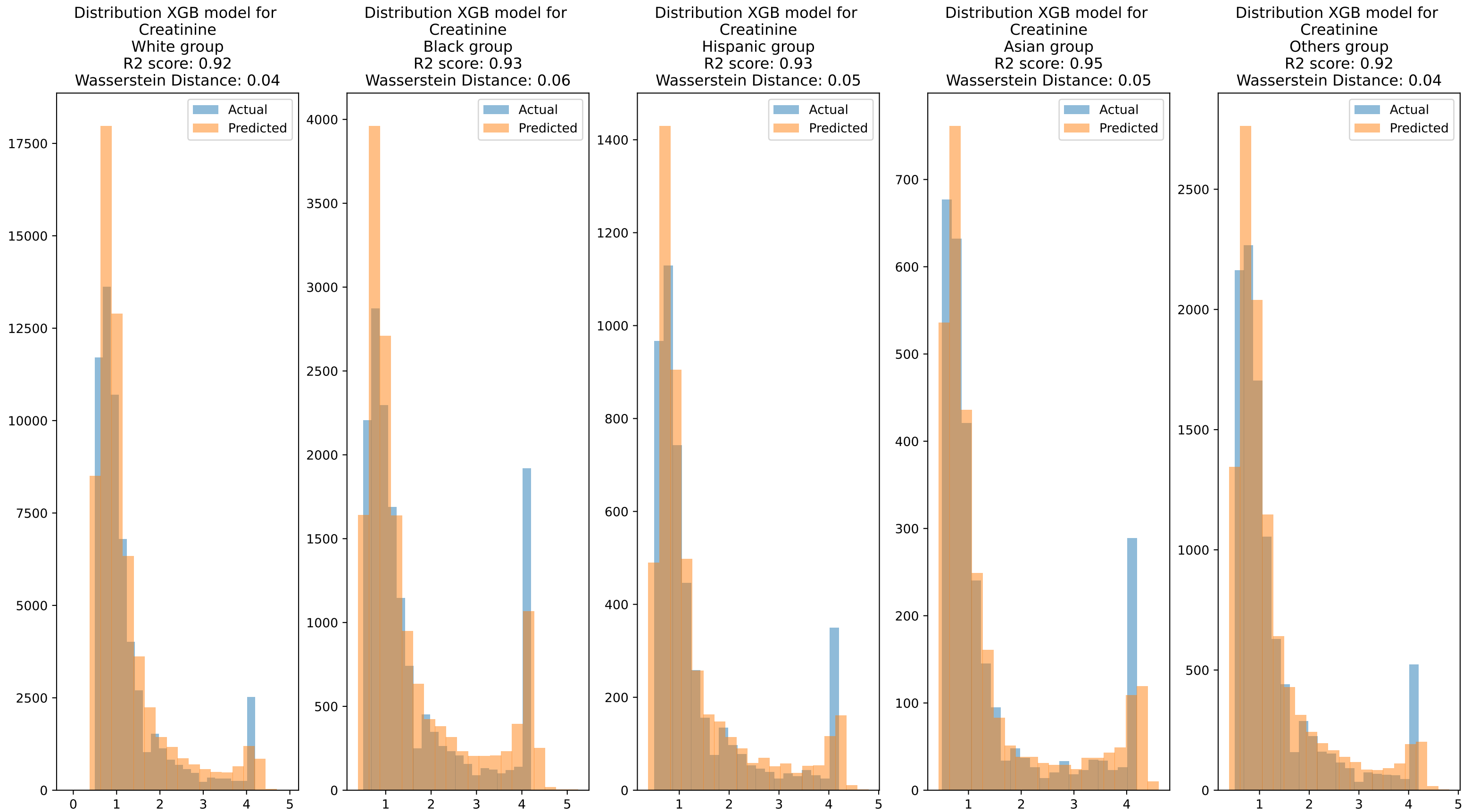


Distribution XGB model for
Hematocrit
Asian group
R2 score: 0.99
Wasserstein Distance: 0.05

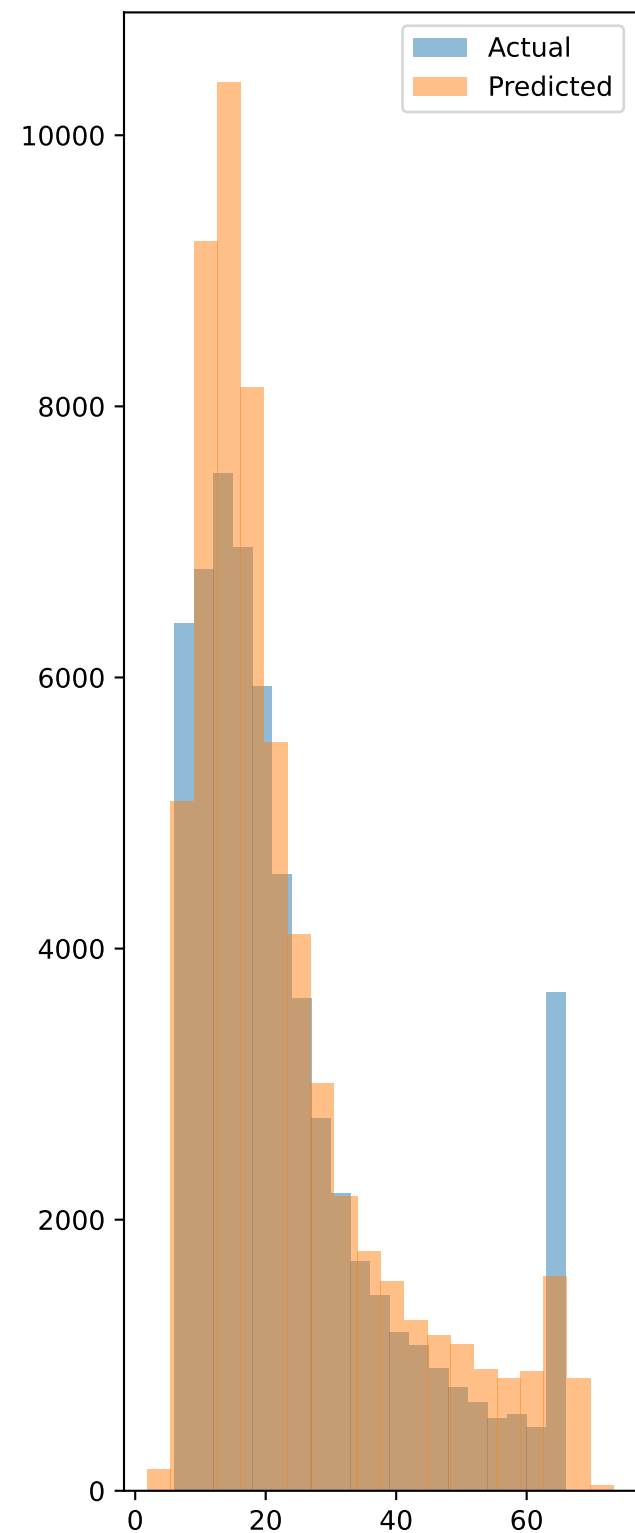


Distribution XGB model for
Hematocrit
Others group
R2 score: 0.99
Wasserstein Distance: 0.05

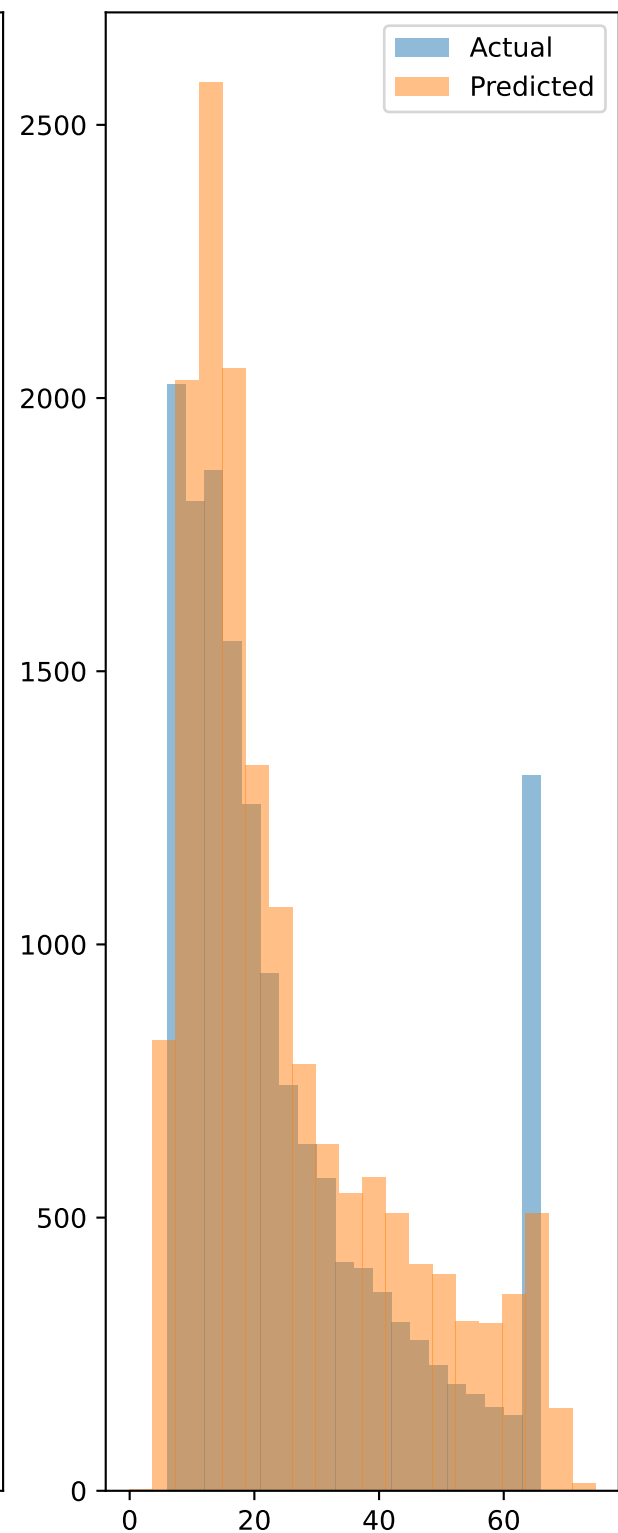




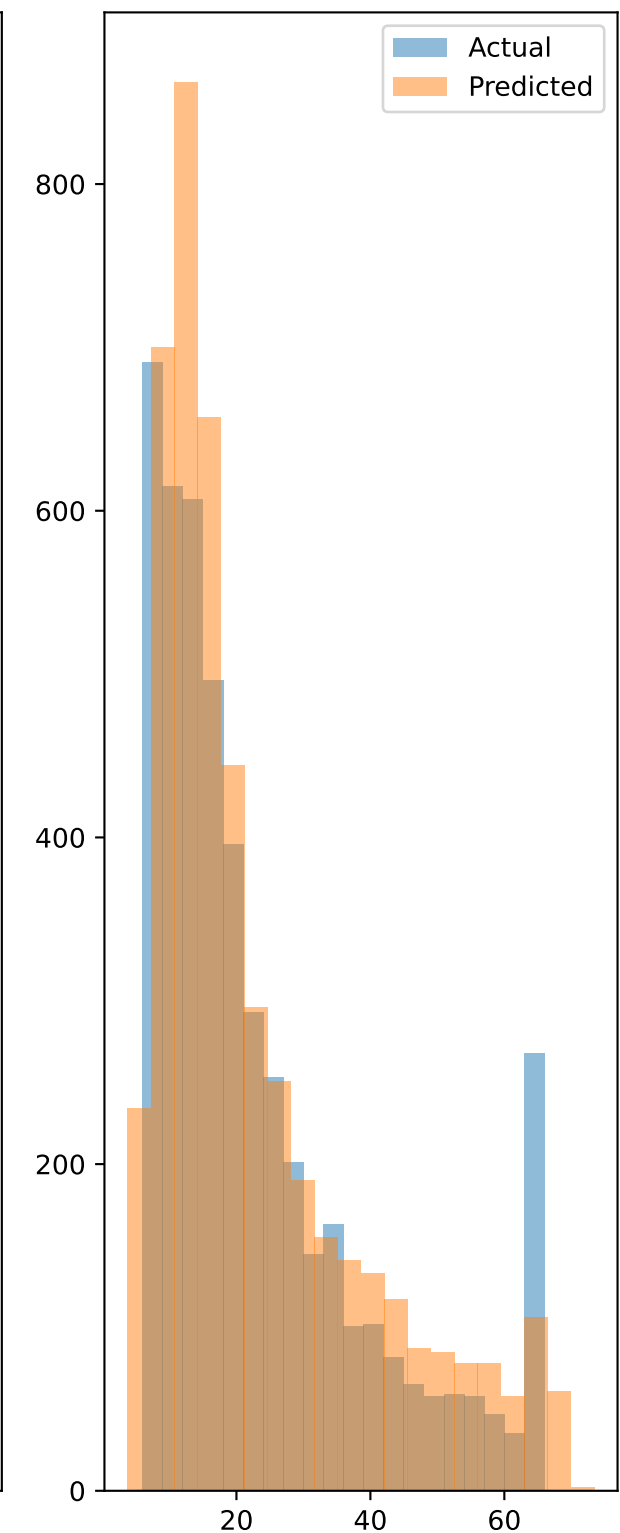
Distribution XGB model for
Urea Nitrogen
White group
R2 score: 0.91
Wasserstein Distance: 0.76



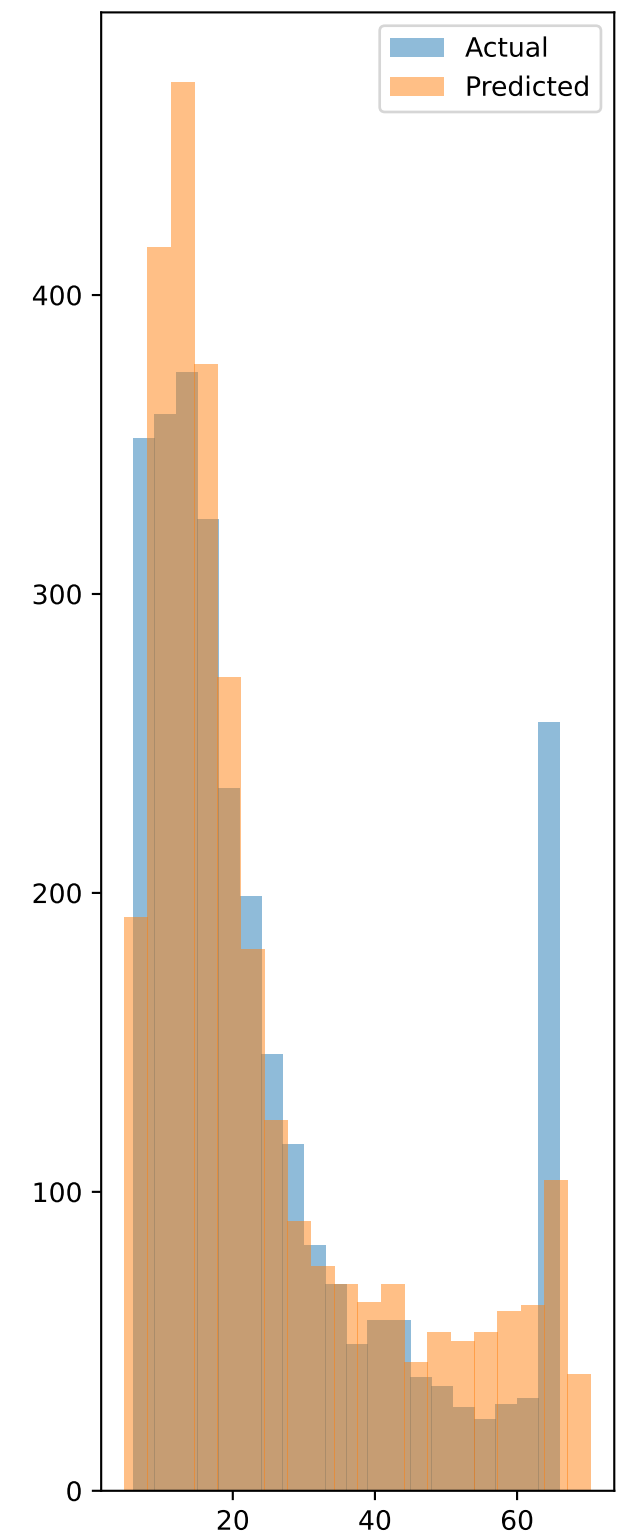
Distribution XGB model for
Urea Nitrogen
Black group
R2 score: 0.91
Wasserstein Distance: 1.32



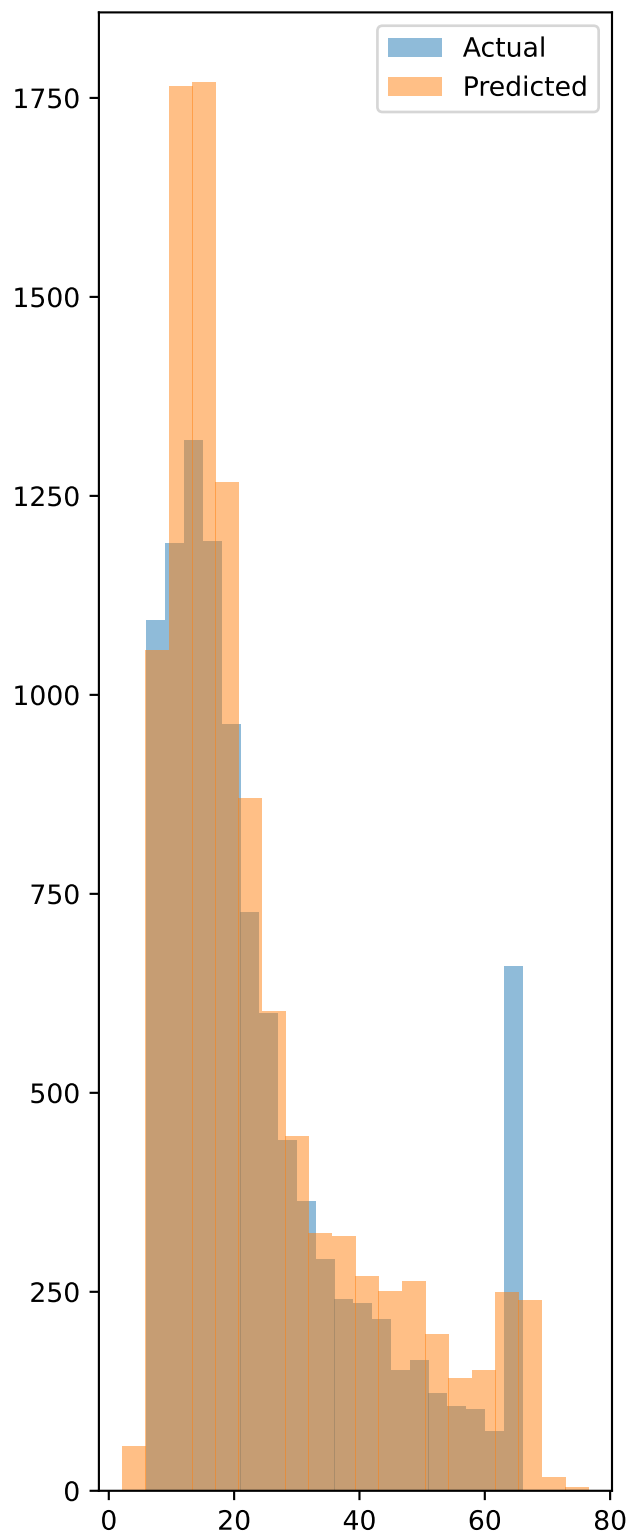
Distribution XGB model for
Urea Nitrogen
Hispanic group
R2 score: 0.91
Wasserstein Distance: 0.82



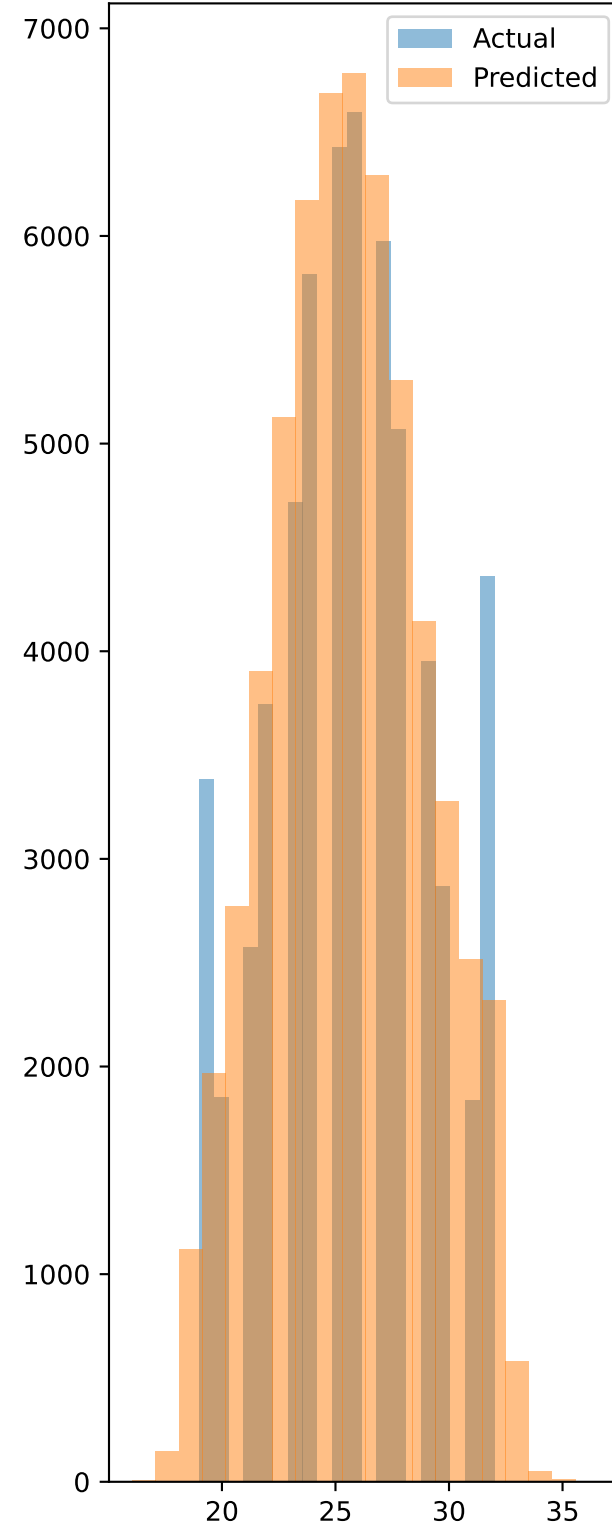
Distribution XGB model for
Urea Nitrogen
Asian group
R2 score: 0.92
Wasserstein Distance: 0.87



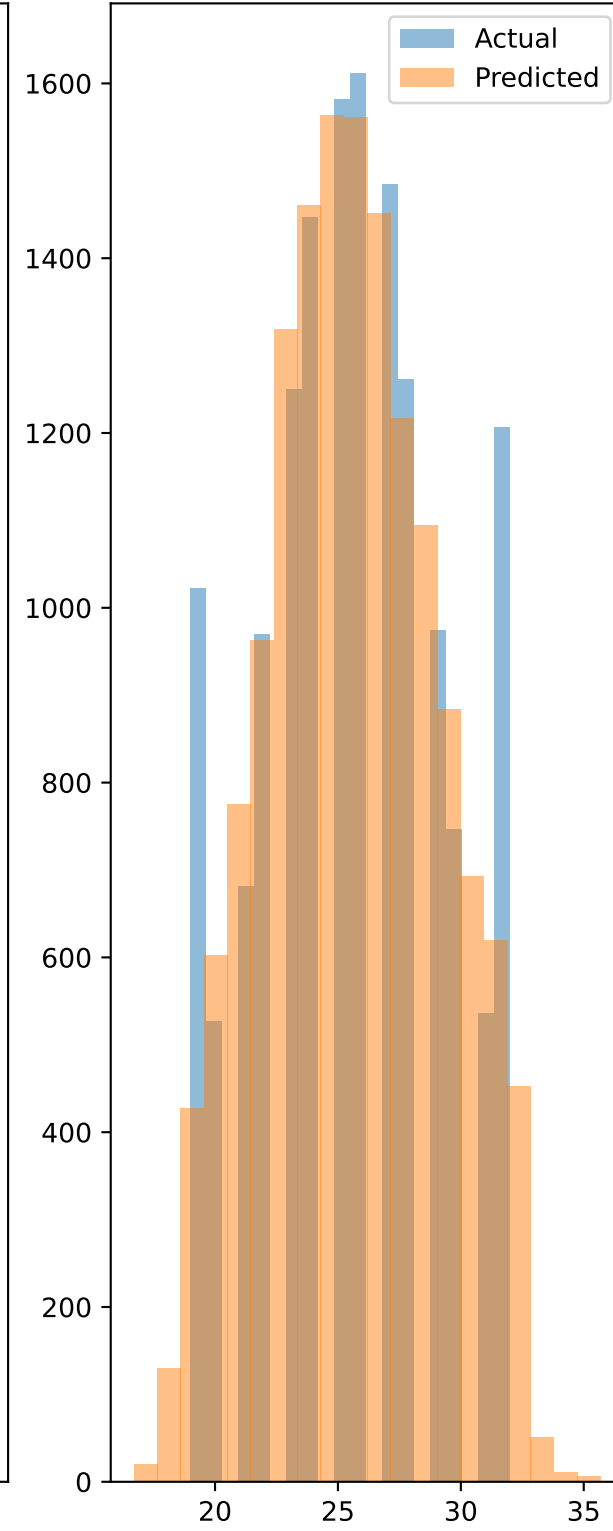
Distribution XGB model for
Urea Nitrogen
Others group
R2 score: 0.92
Wasserstein Distance: 0.73



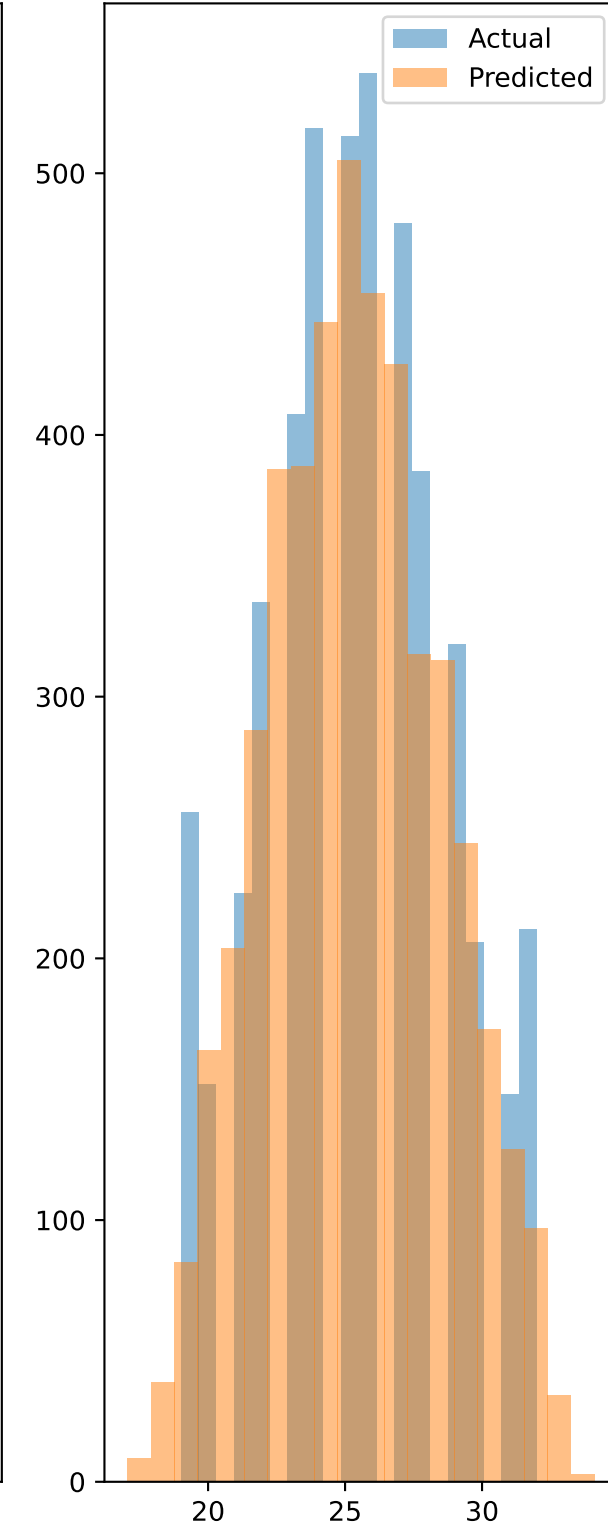
Distribution XGB model for
Bicarbonate
White group
R2 score: 0.93
Wasserstein Distance: 0.30



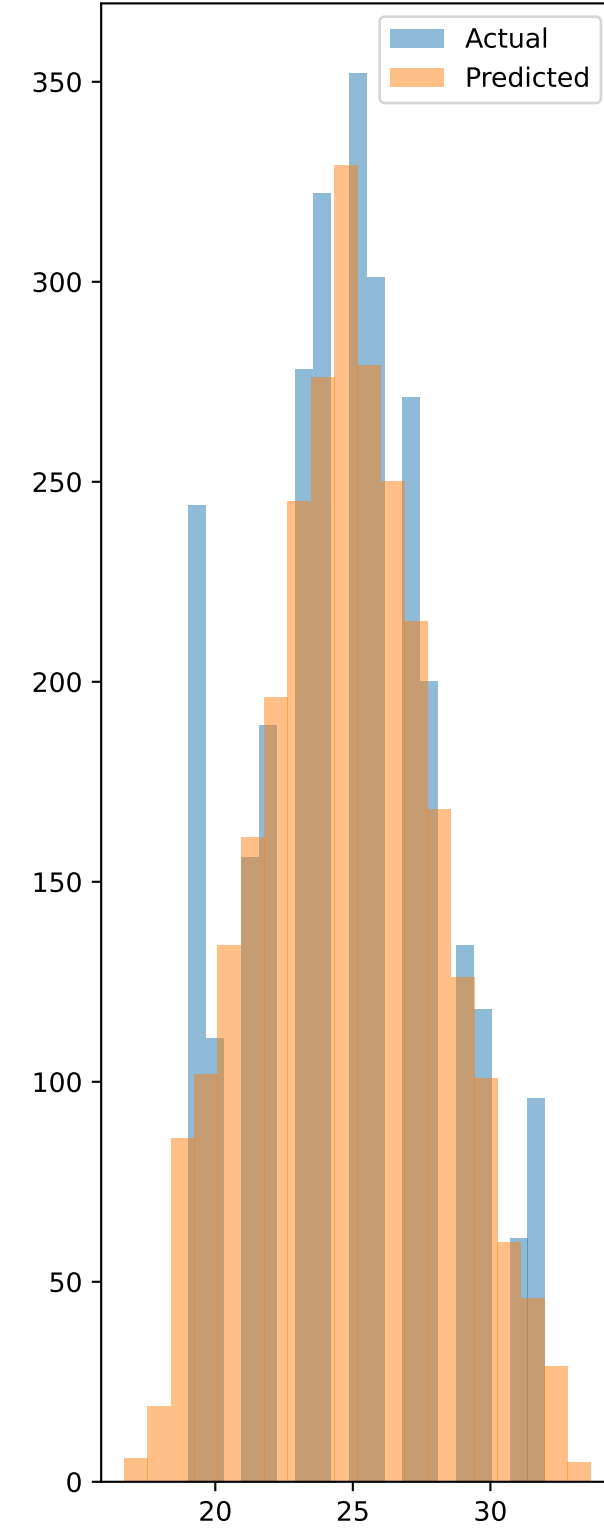
Distribution XGB model for
Bicarbonate
Black group
R2 score: 0.92
Wasserstein Distance: 0.32



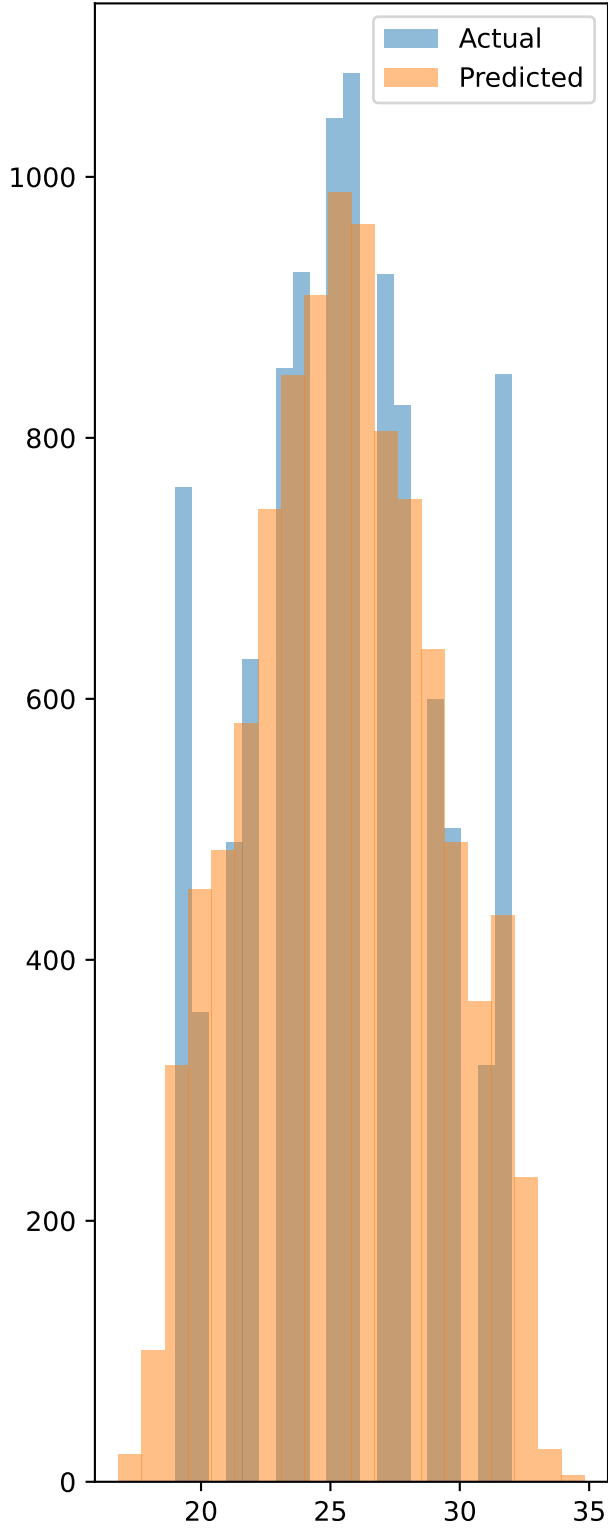
Distribution XGB model for
Bicarbonate
Hispanic group
R2 score: 0.91
Wasserstein Distance: 0.30



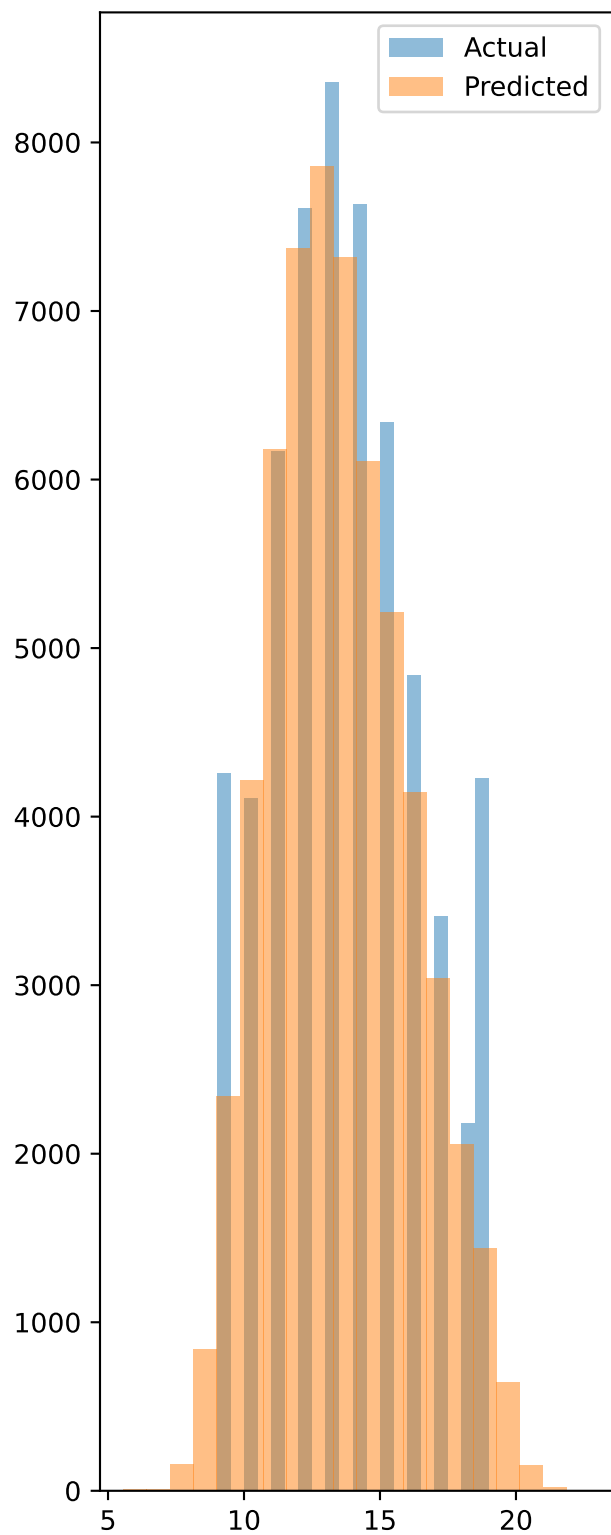
Distribution XGB model for
Bicarbonate
Asian group
R2 score: 0.91
Wasserstein Distance: 0.32



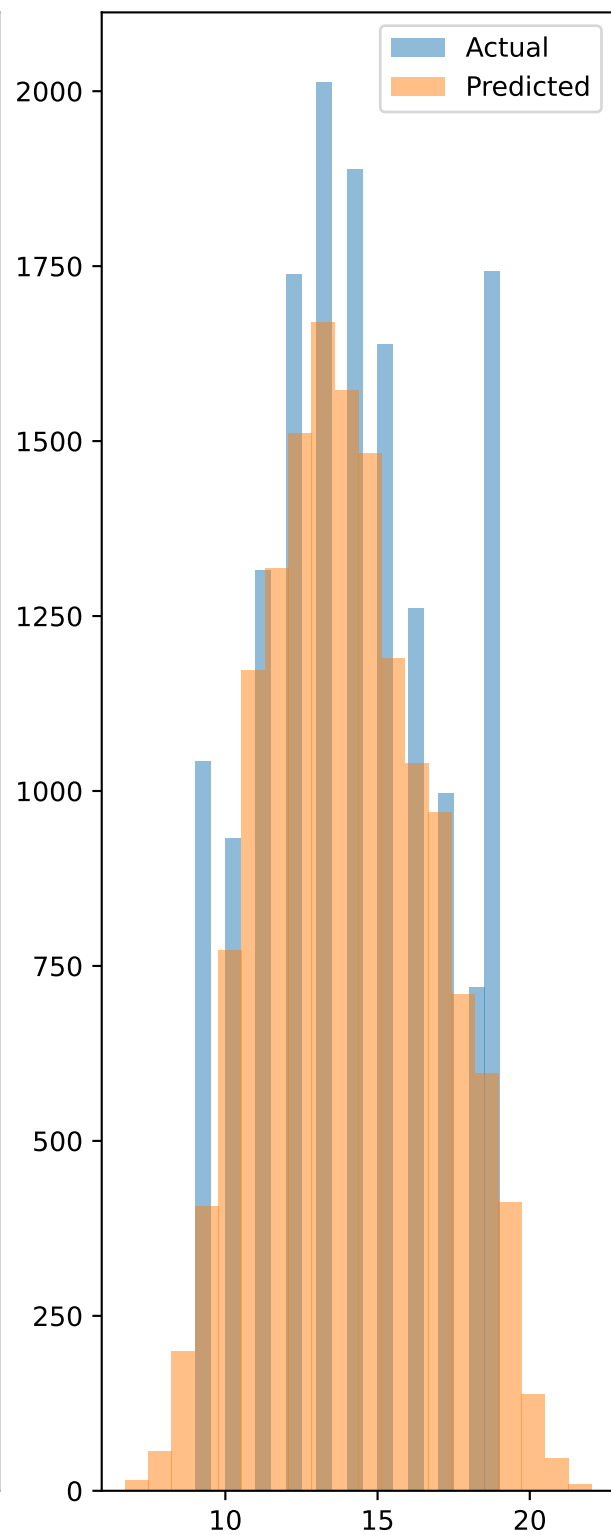
Distribution XGB model for
Bicarbonate
Others group
R2 score: 0.93
Wasserstein Distance: 0.31



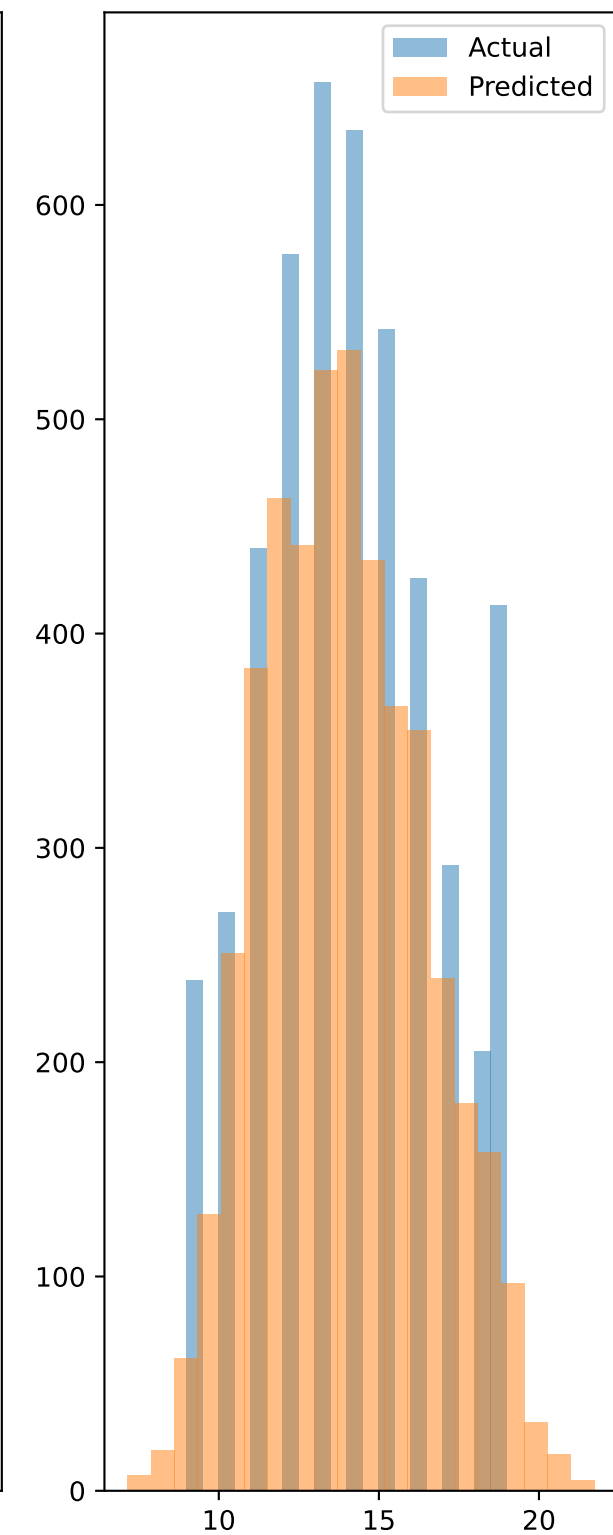
Distribution XGB model for
Anion Gap
White group
R2 score: 0.87
Wasserstein Distance: 0.35



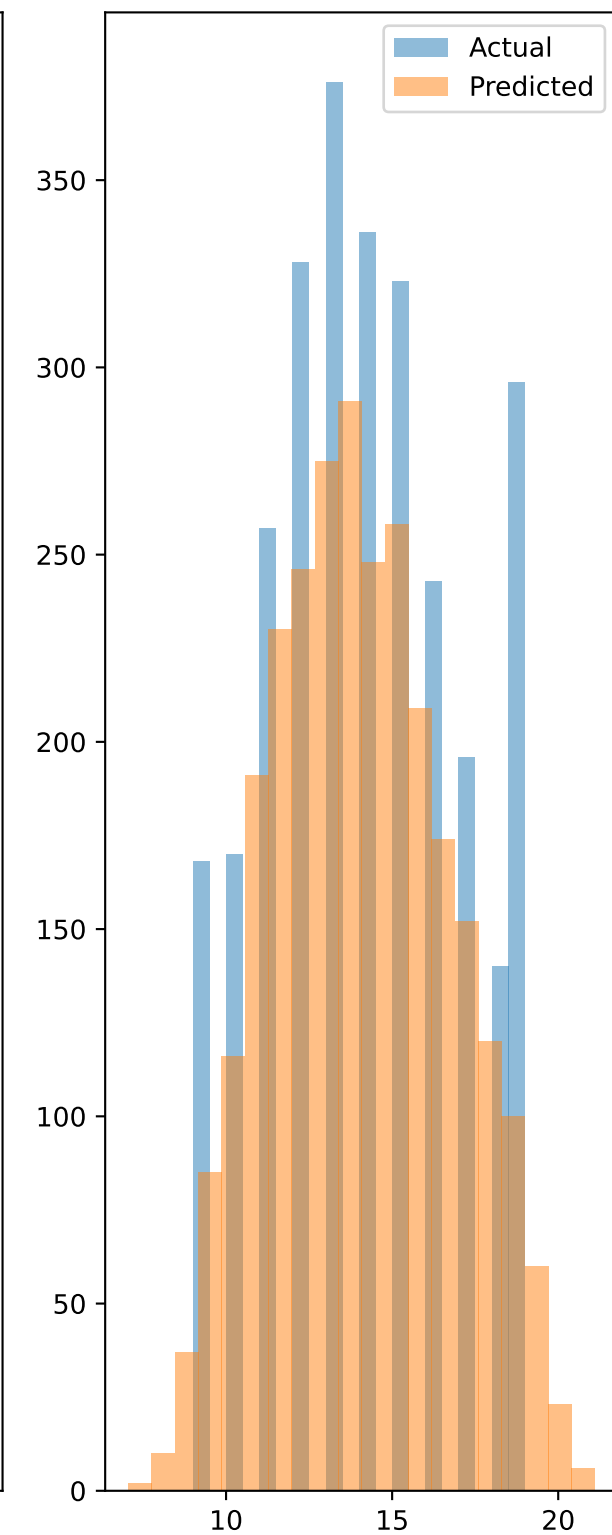
Distribution XGB model for
Anion Gap
Black group
R2 score: 0.88
Wasserstein Distance: 0.38



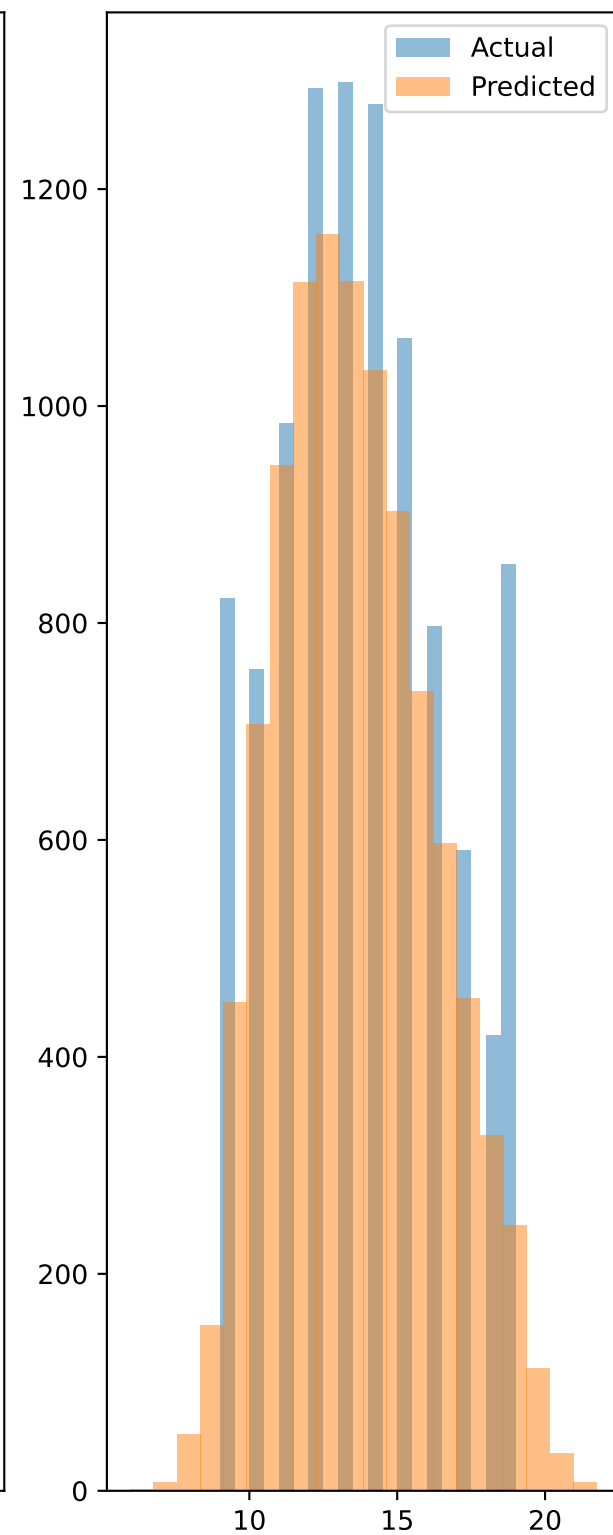
Distribution XGB model for
Anion Gap
Hispanic group
R2 score: 0.87
Wasserstein Distance: 0.35

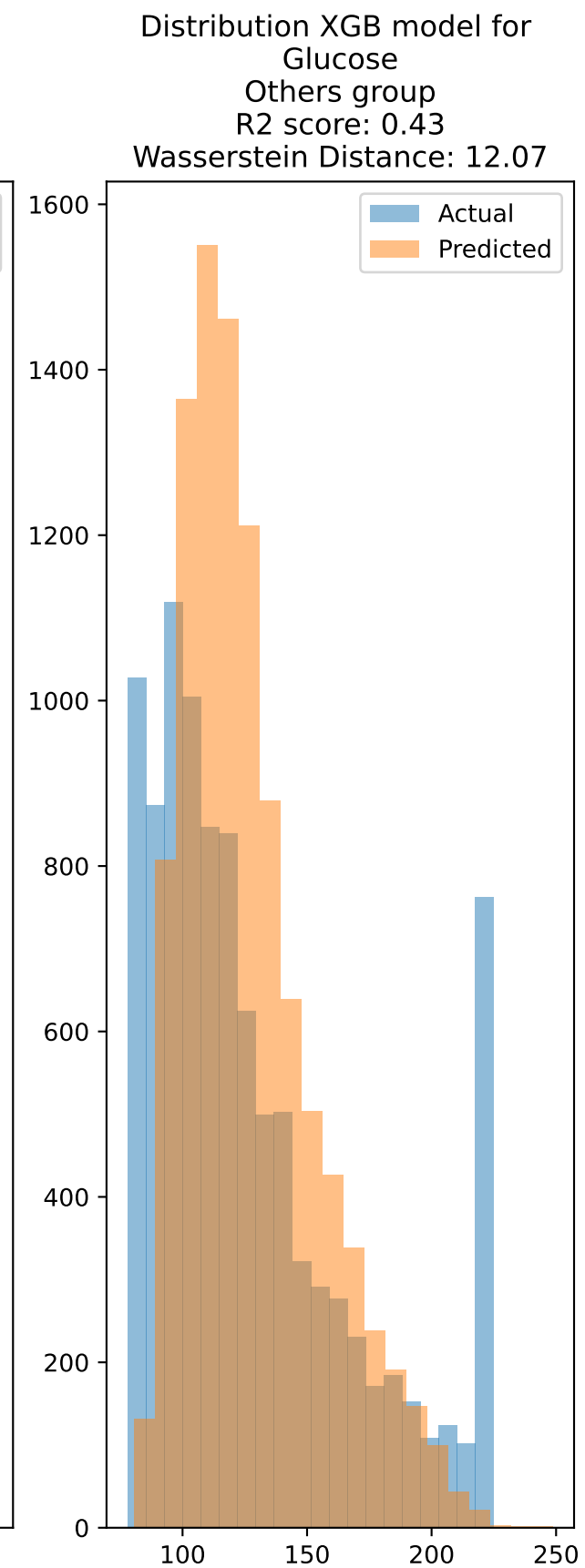
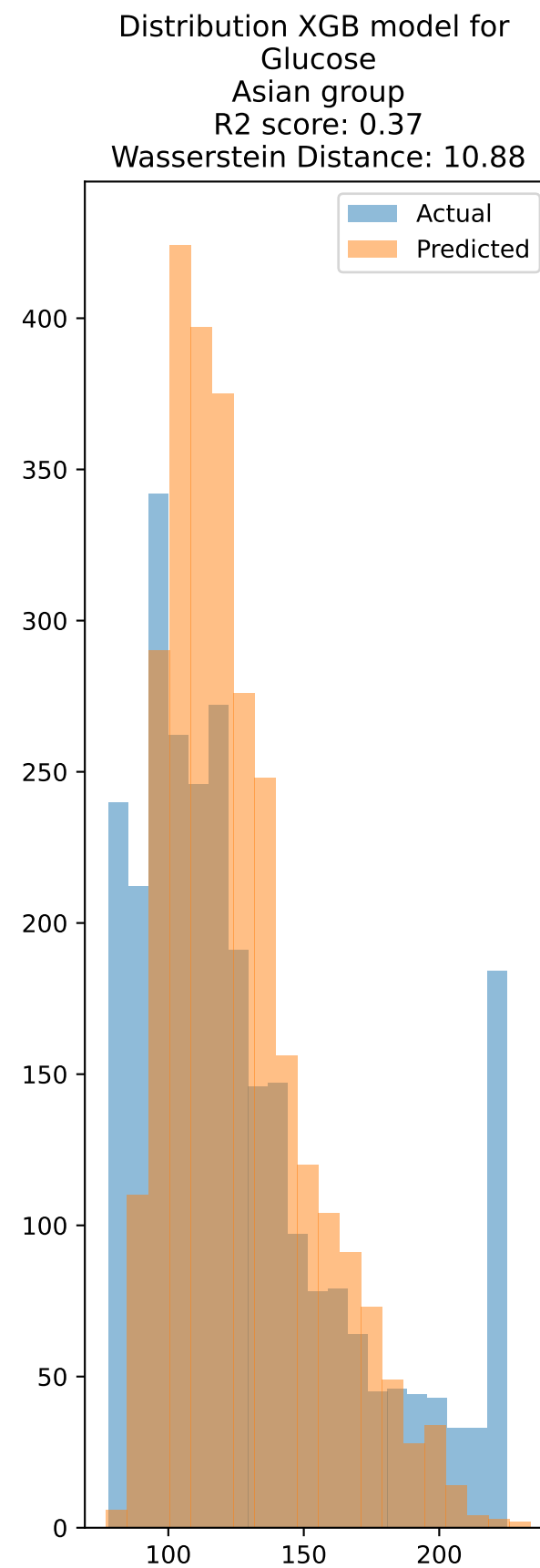
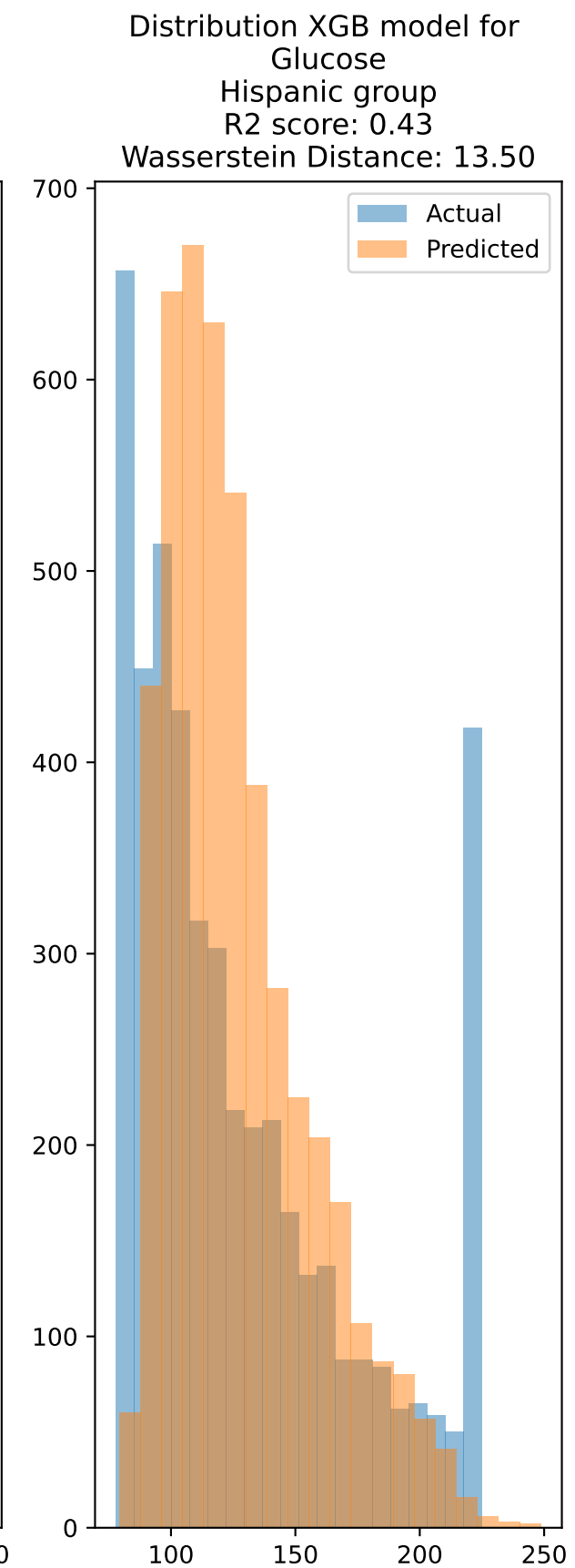
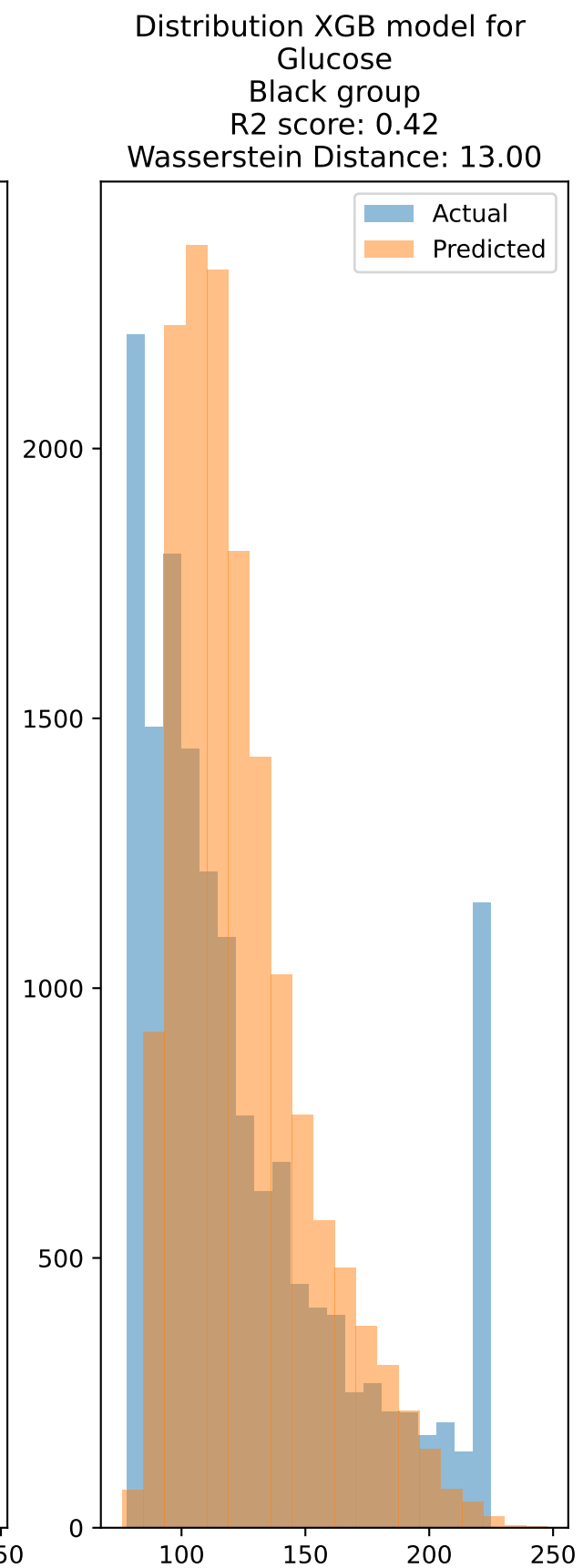
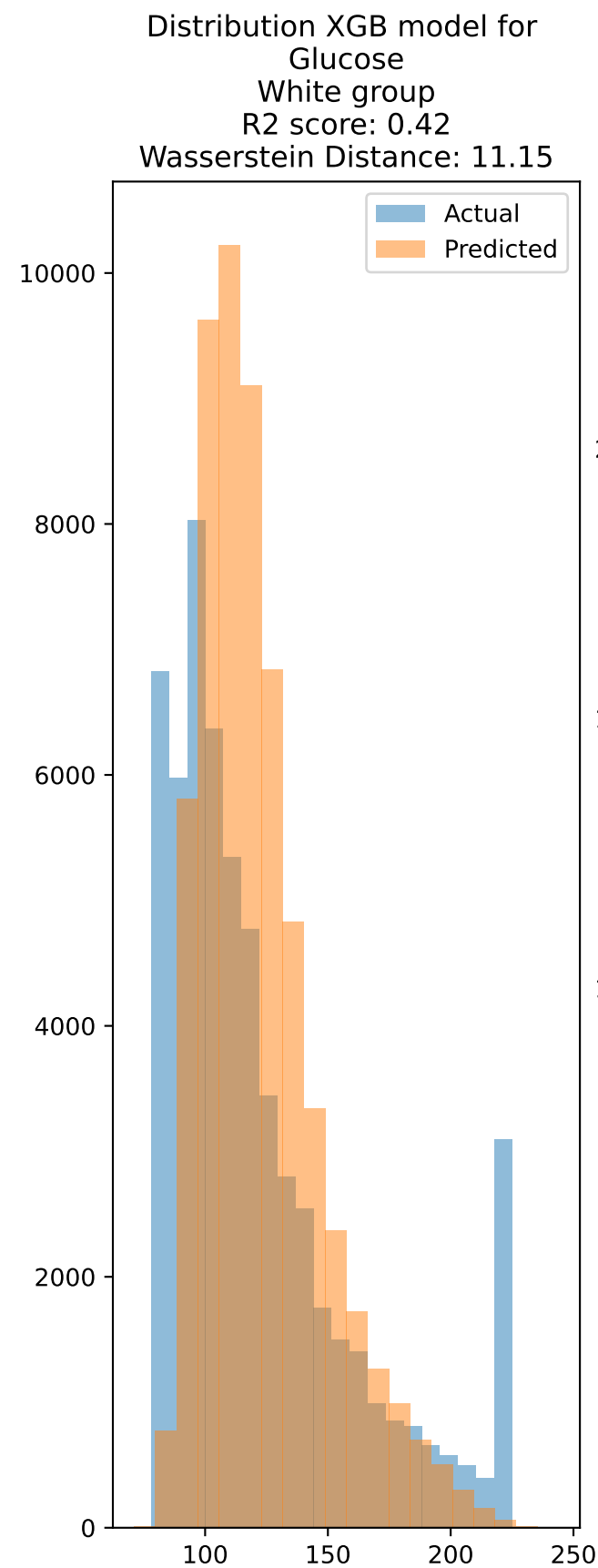


Distribution XGB model for
Anion Gap
Asian group
R2 score: 0.86
Wasserstein Distance: 0.38

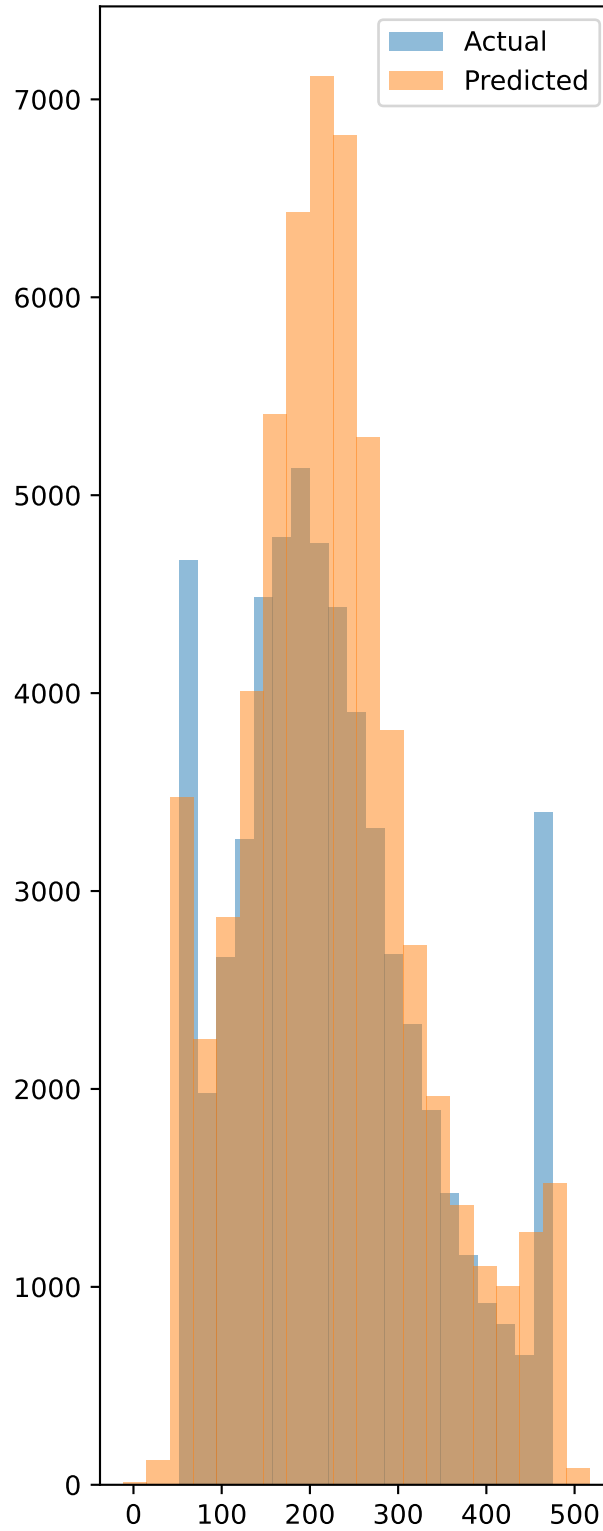


Distribution XGB model for
Anion Gap
Others group
R2 score: 0.86
Wasserstein Distance: 0.38

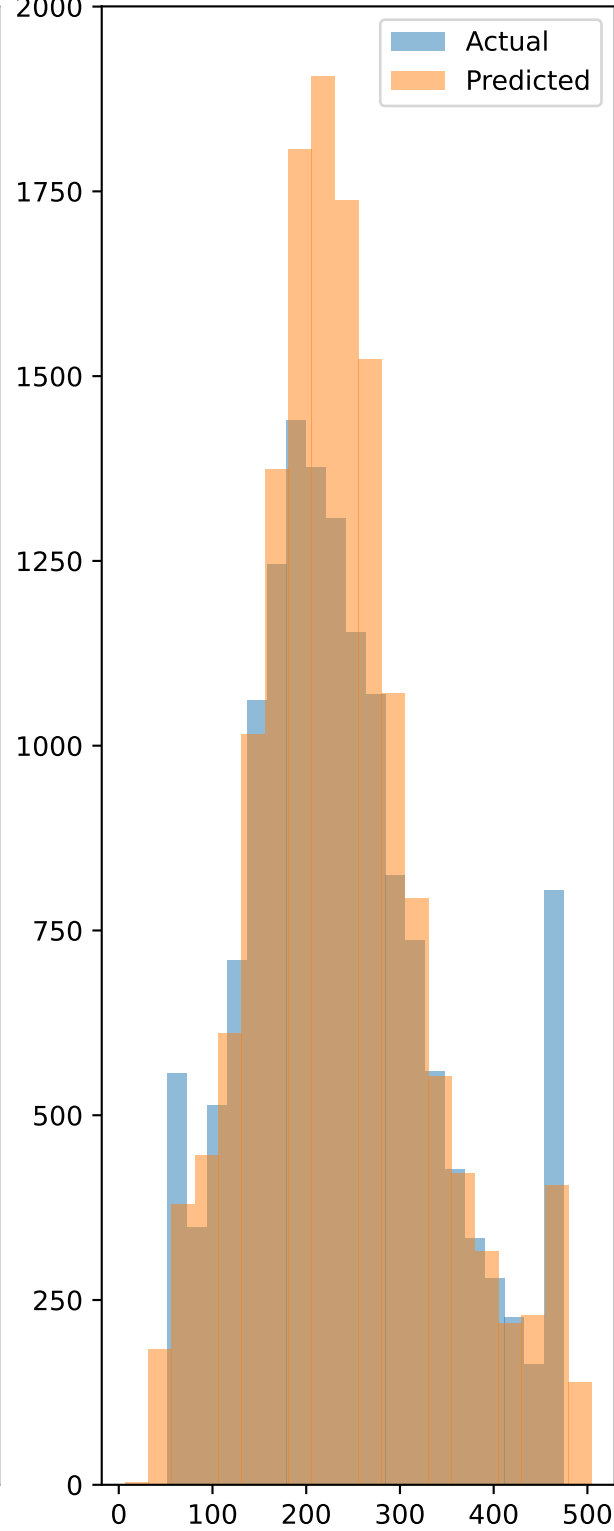




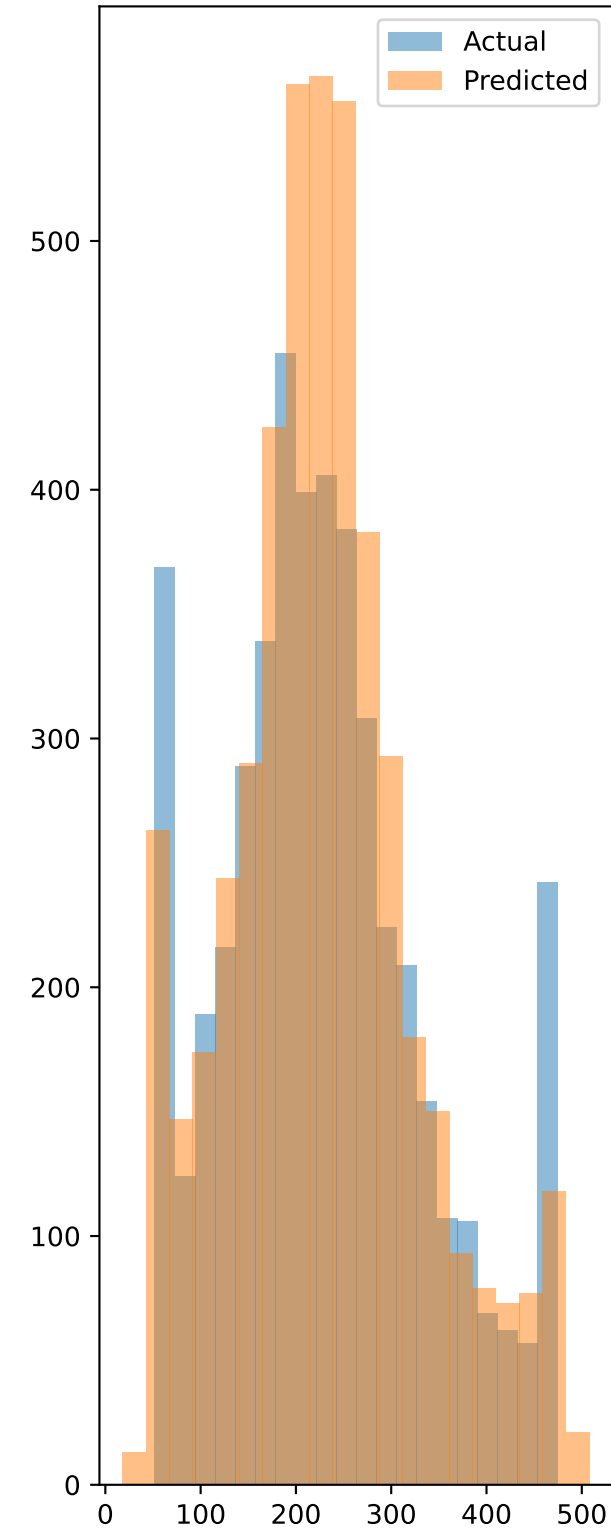
Distribution XGB model for
Platelet Count
White group
R2 score: 0.86
Wasserstein Distance: 9.68



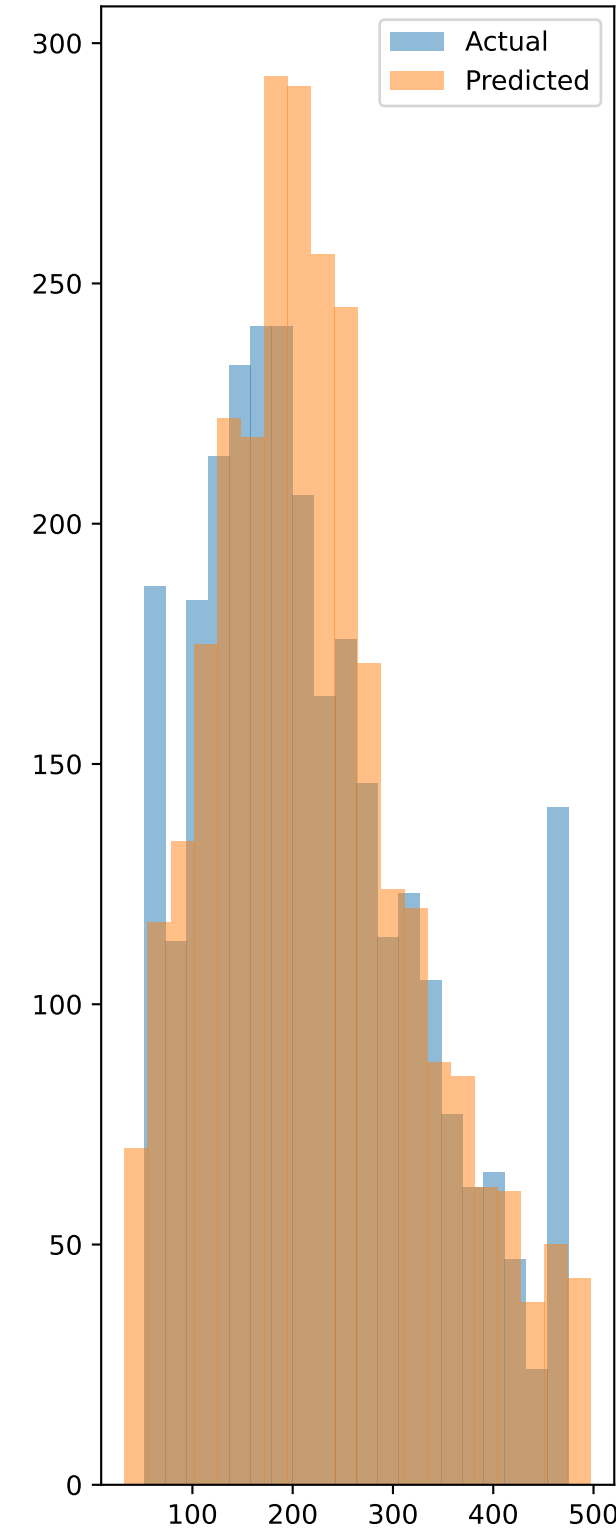
Distribution XGB model for
Platelet Count
Black group
R2 score: 0.82
Wasserstein Distance: 8.71



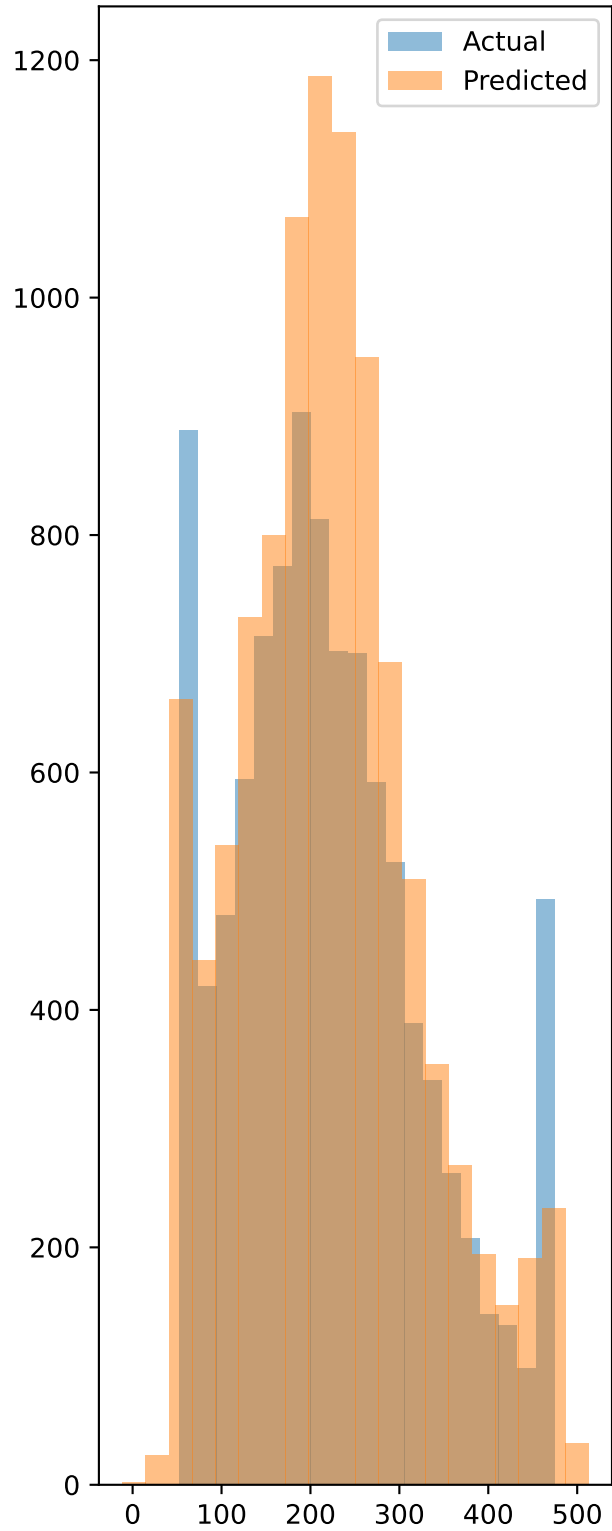
Distribution XGB model for
Platelet Count
Hispanic group
R2 score: 0.85
Wasserstein Distance: 9.39



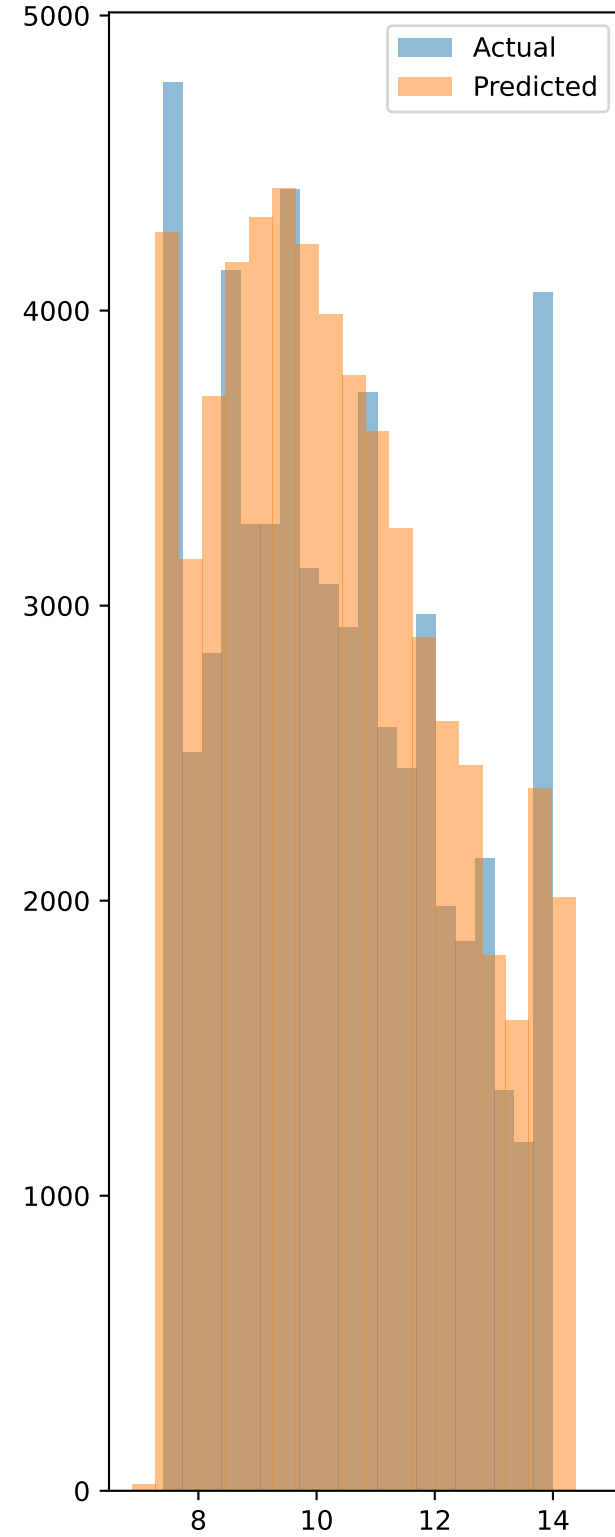
Distribution XGB model for
Platelet Count
Asian group
R2 score: 0.86
Wasserstein Distance: 9.63



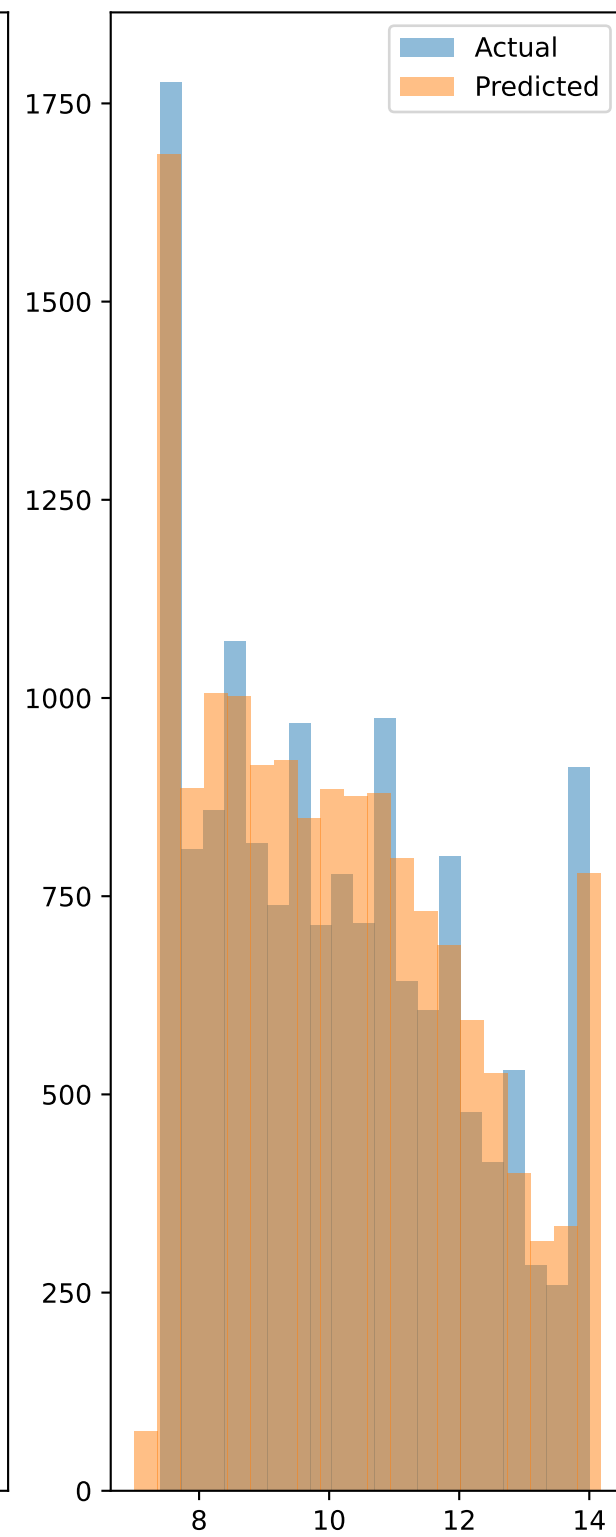
Distribution XGB model for
Platelet Count
Others group
R2 score: 0.87
Wasserstein Distance: 8.32



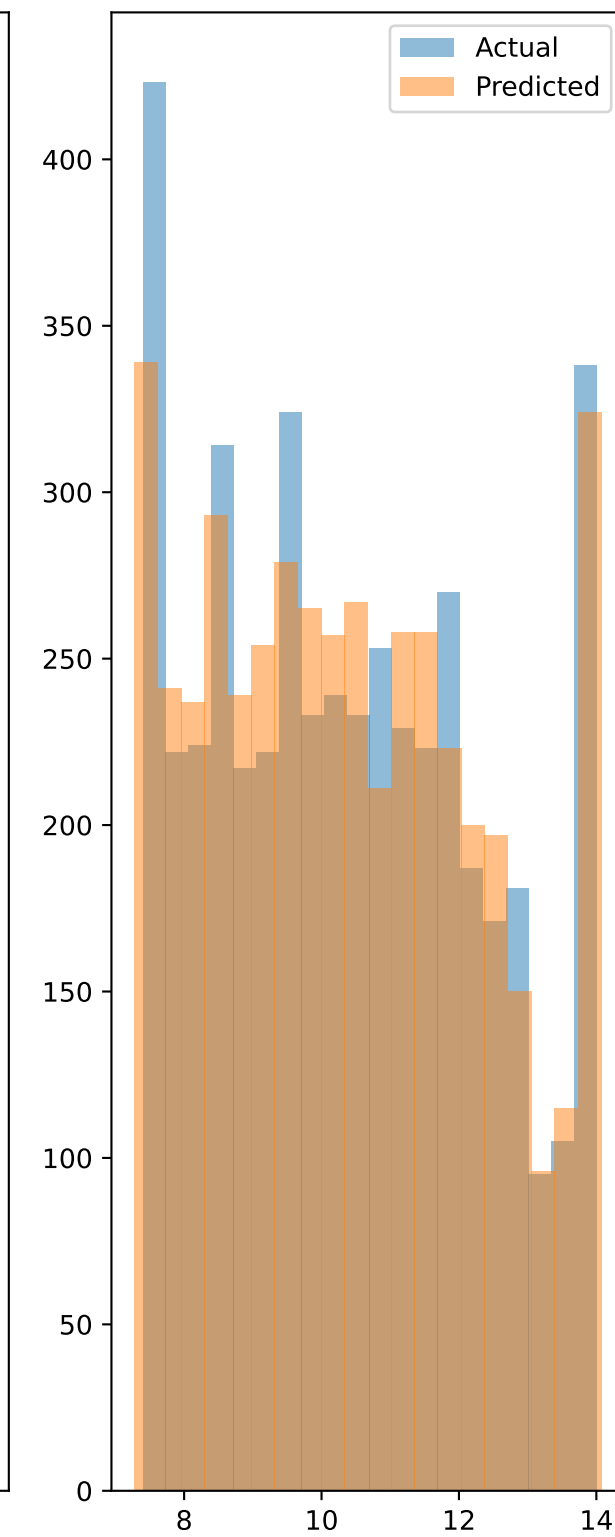
Distribution XGB model for
Hemoglobin
White group
R2 score: 1.00
Wasserstein Distance: 0.03



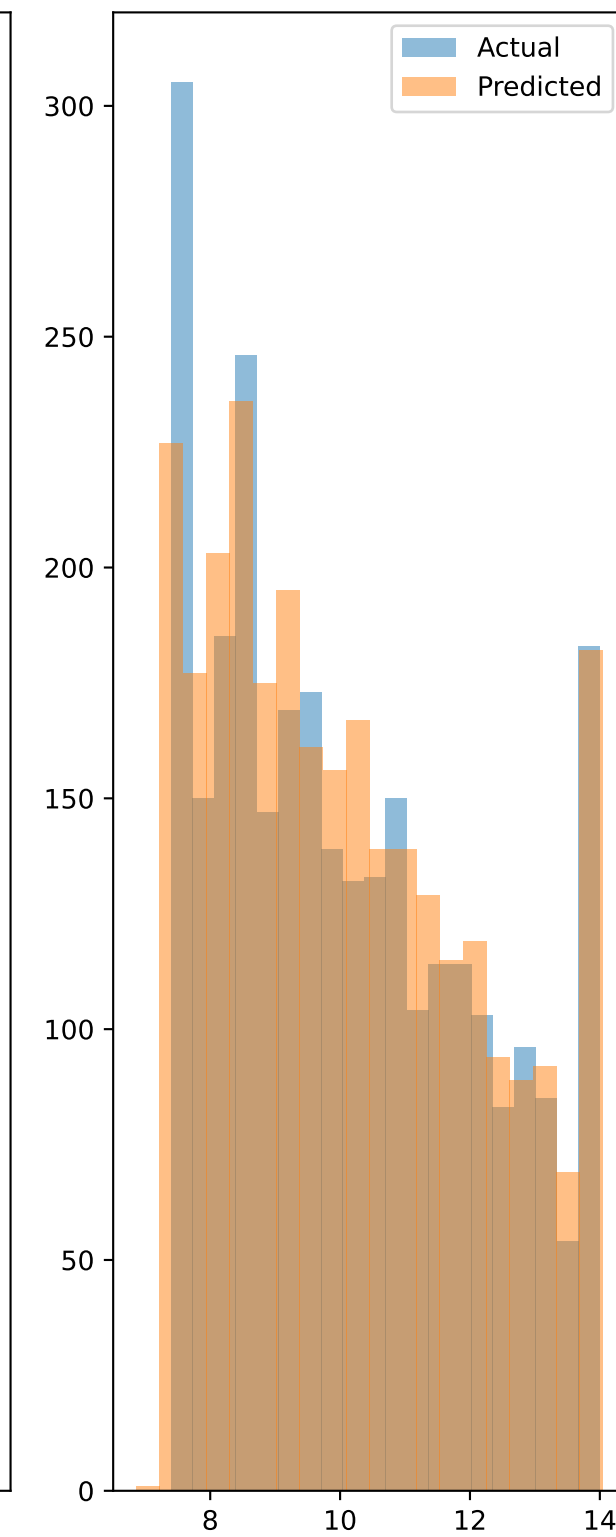
Distribution XGB model for
Hemoglobin
Black group
R2 score: 1.00
Wasserstein Distance: 0.03



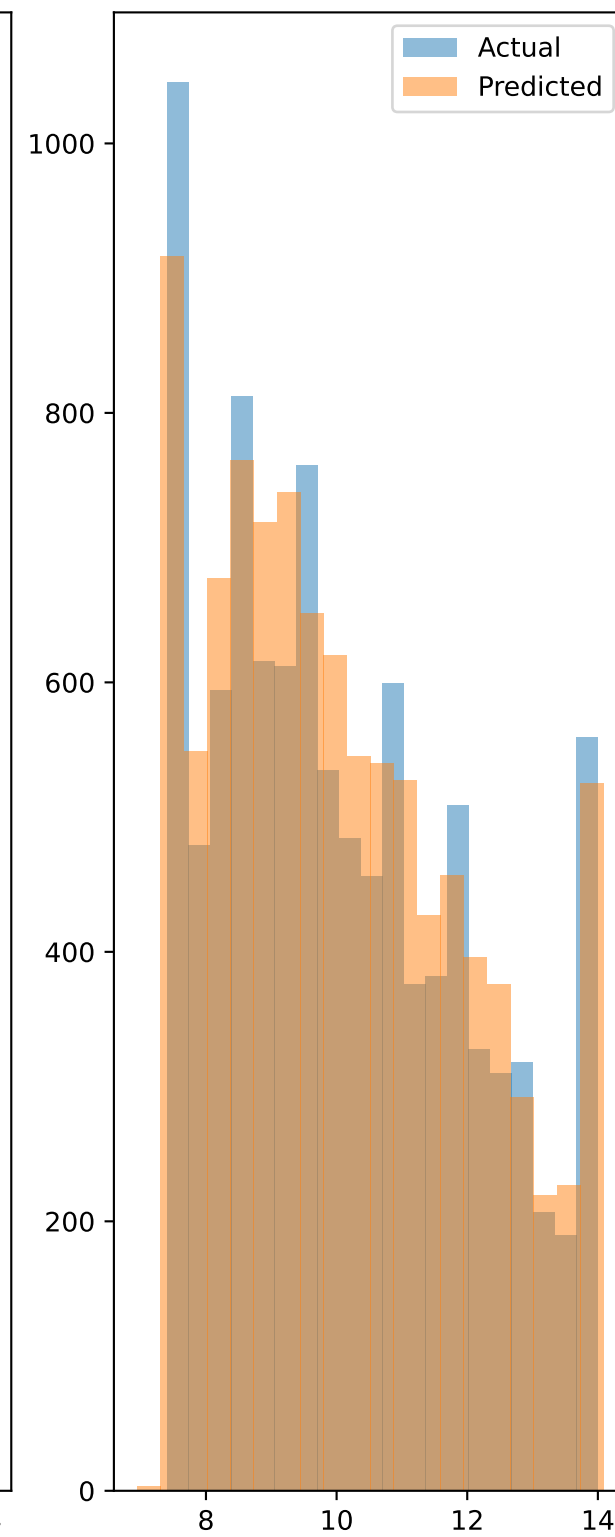
Distribution XGB model for
Hemoglobin
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.03



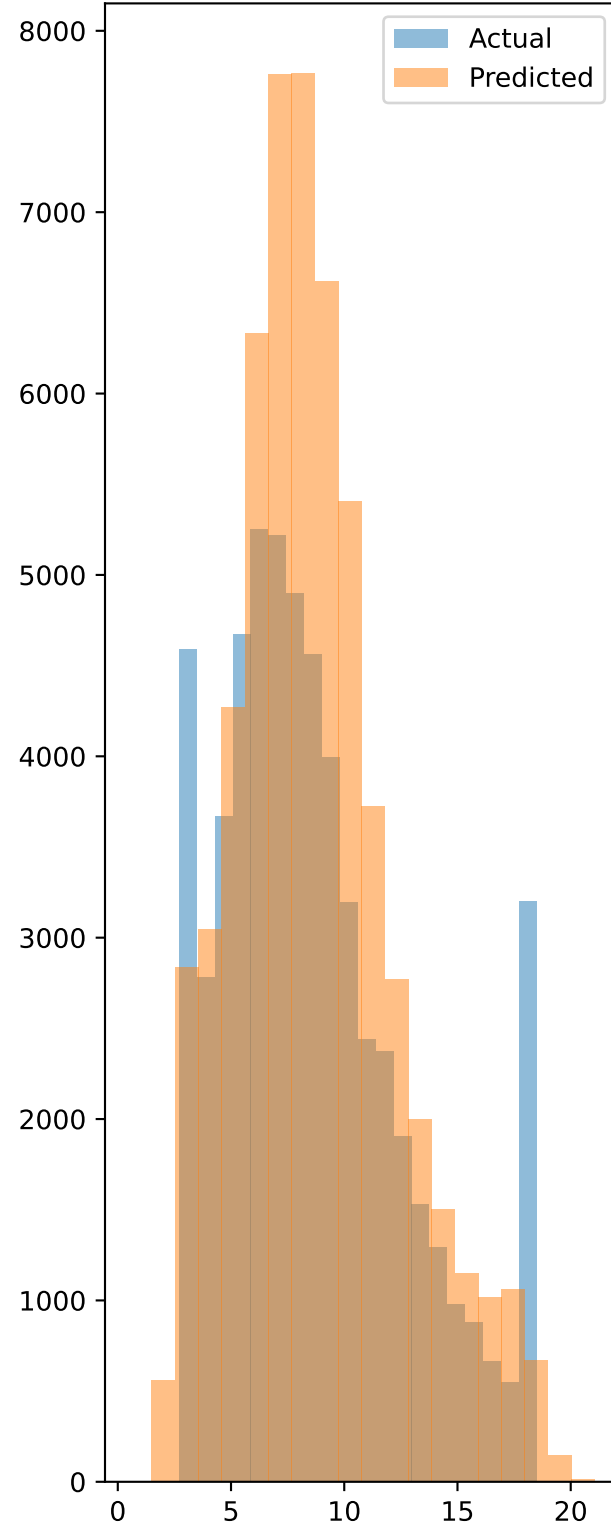
Distribution XGB model for
Hemoglobin
Asian group
R2 score: 1.00
Wasserstein Distance: 0.03



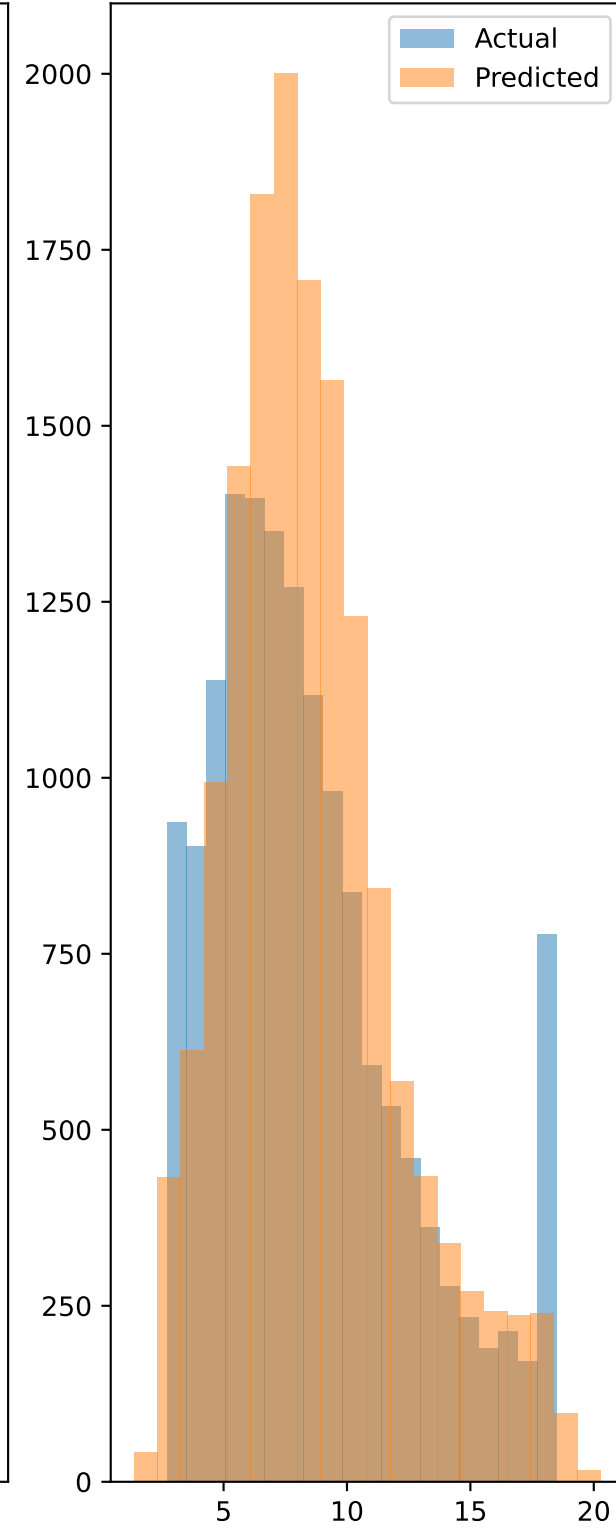
Distribution XGB model for
Hemoglobin
Others group
R2 score: 1.00
Wasserstein Distance: 0.03



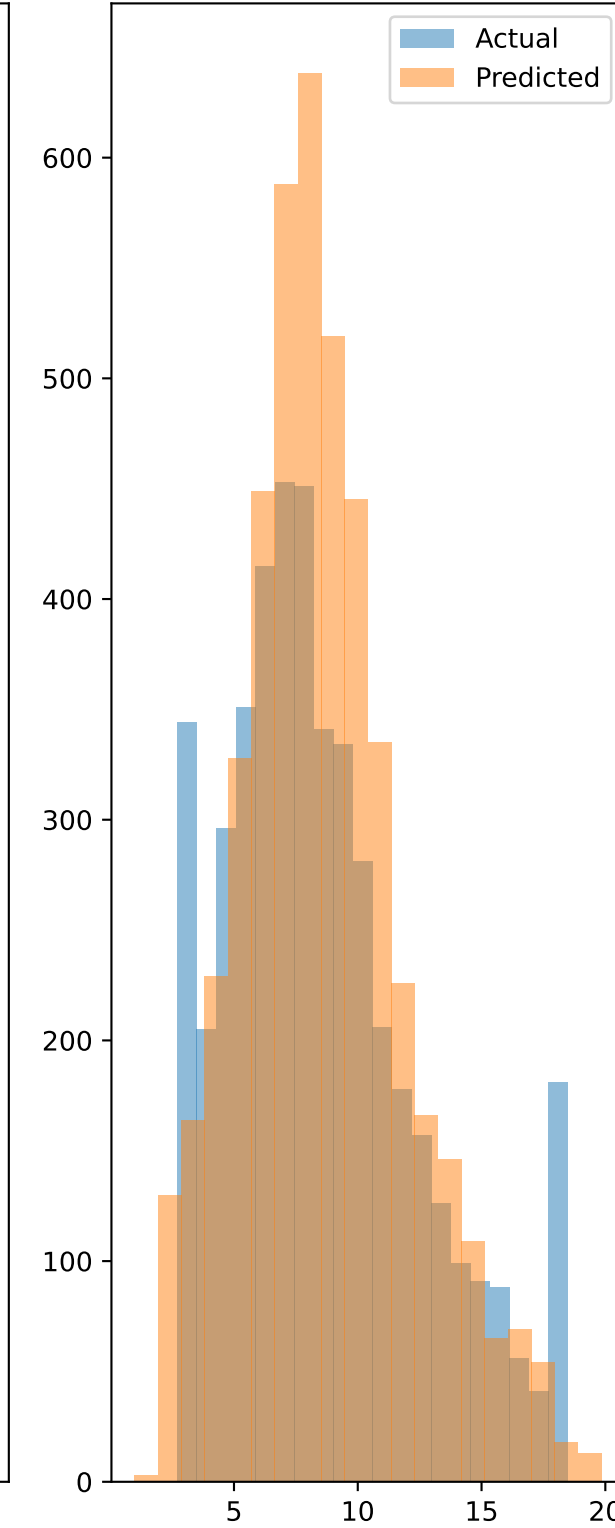
Distribution XGB model for
White Blood Cells
White group
R2 score: 0.76
Wasserstein Distance: 0.54



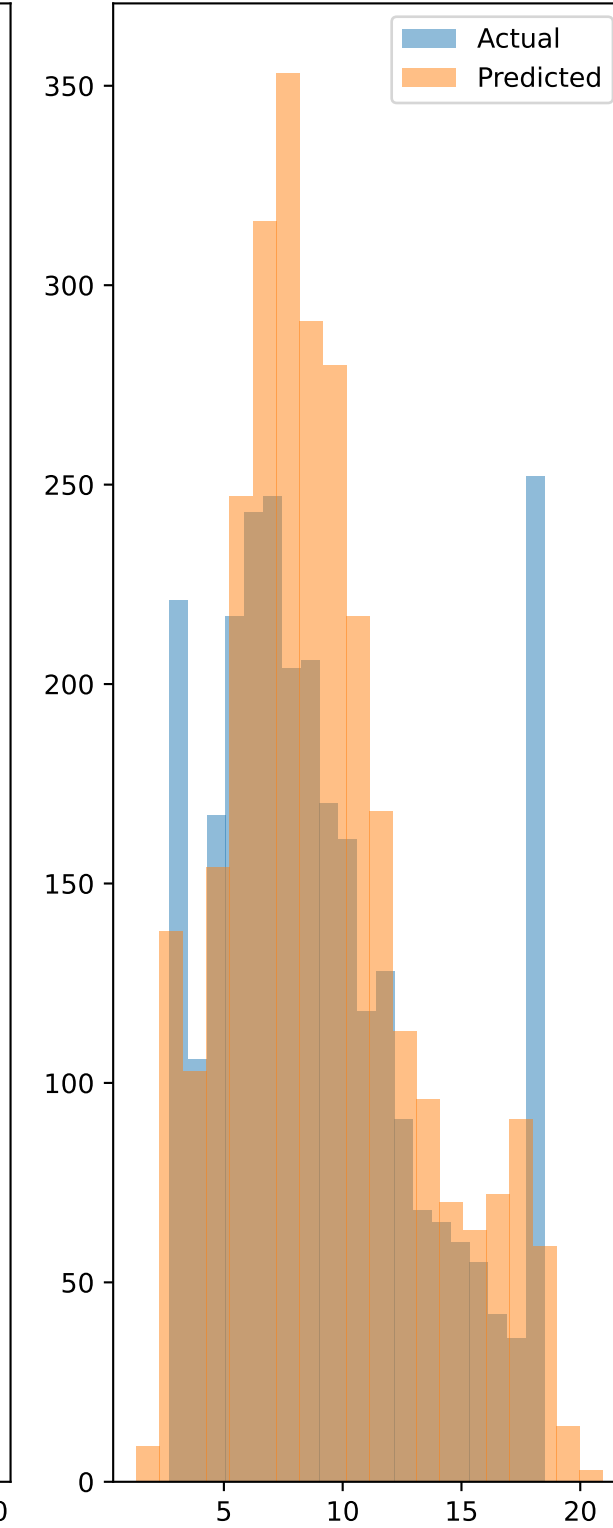
Distribution XGB model for
White Blood Cells
Black group
R2 score: 0.75
Wasserstein Distance: 0.60



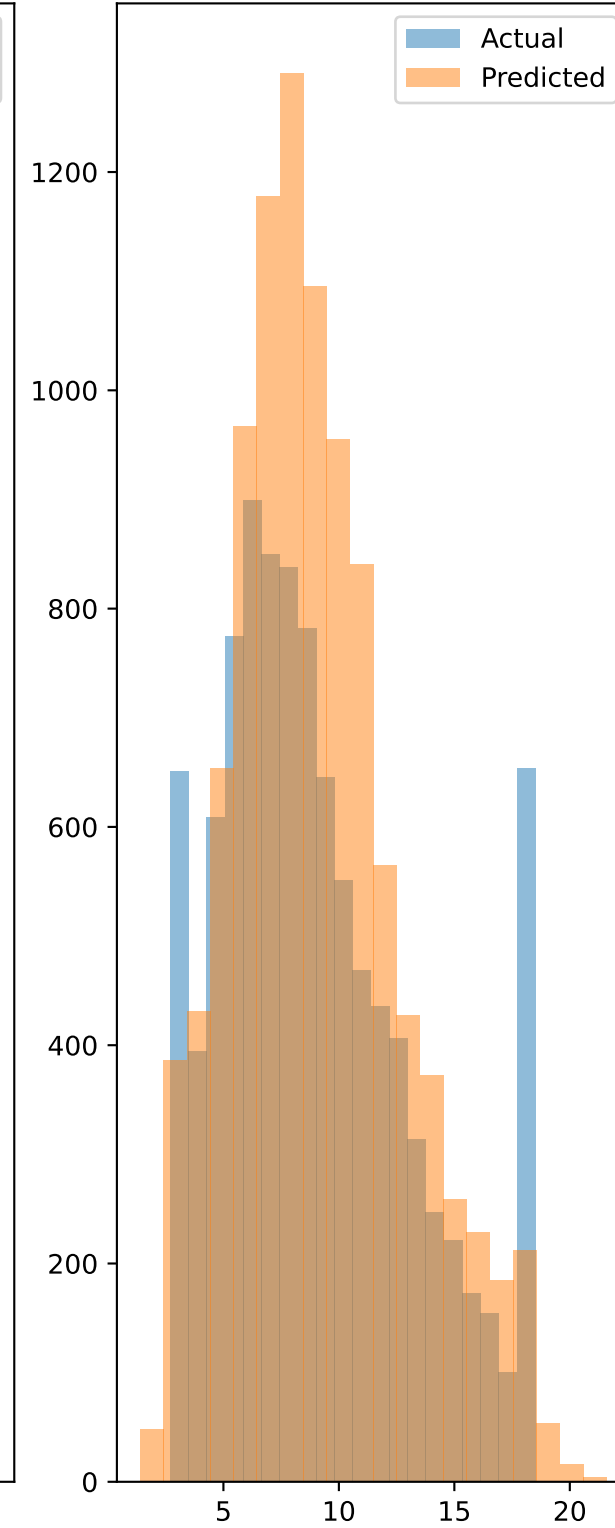
Distribution XGB model for
White Blood Cells
Hispanic group
R2 score: 0.73
Wasserstein Distance: 0.56



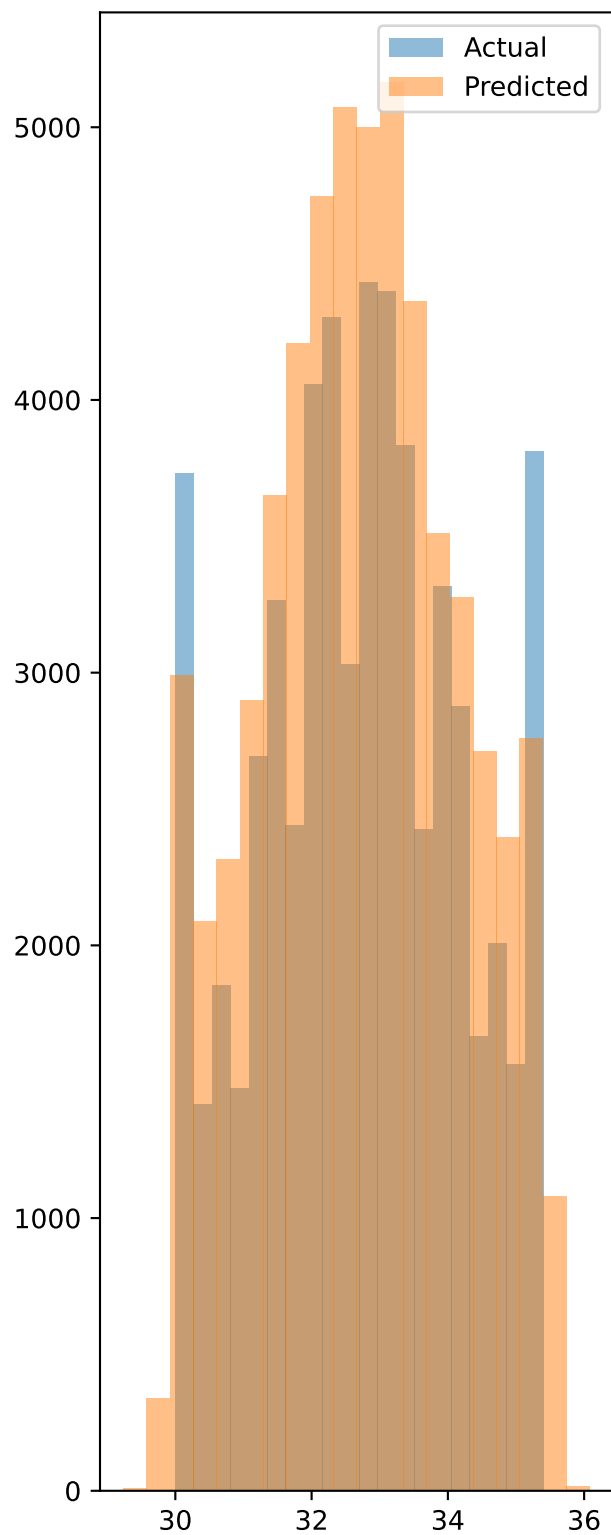
Distribution XGB model for
White Blood Cells
Asian group
R2 score: 0.78
Wasserstein Distance: 0.58



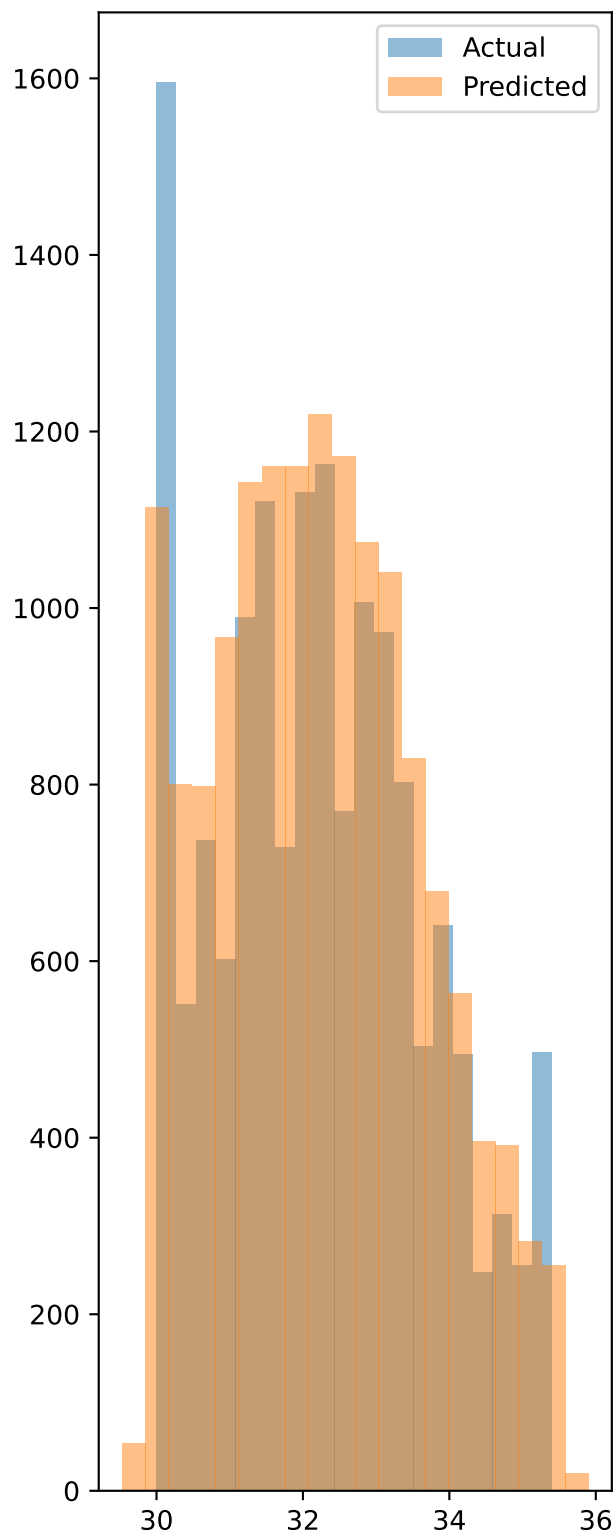
Distribution XGB model for
White Blood Cells
Others group
R2 score: 0.76
Wasserstein Distance: 0.53



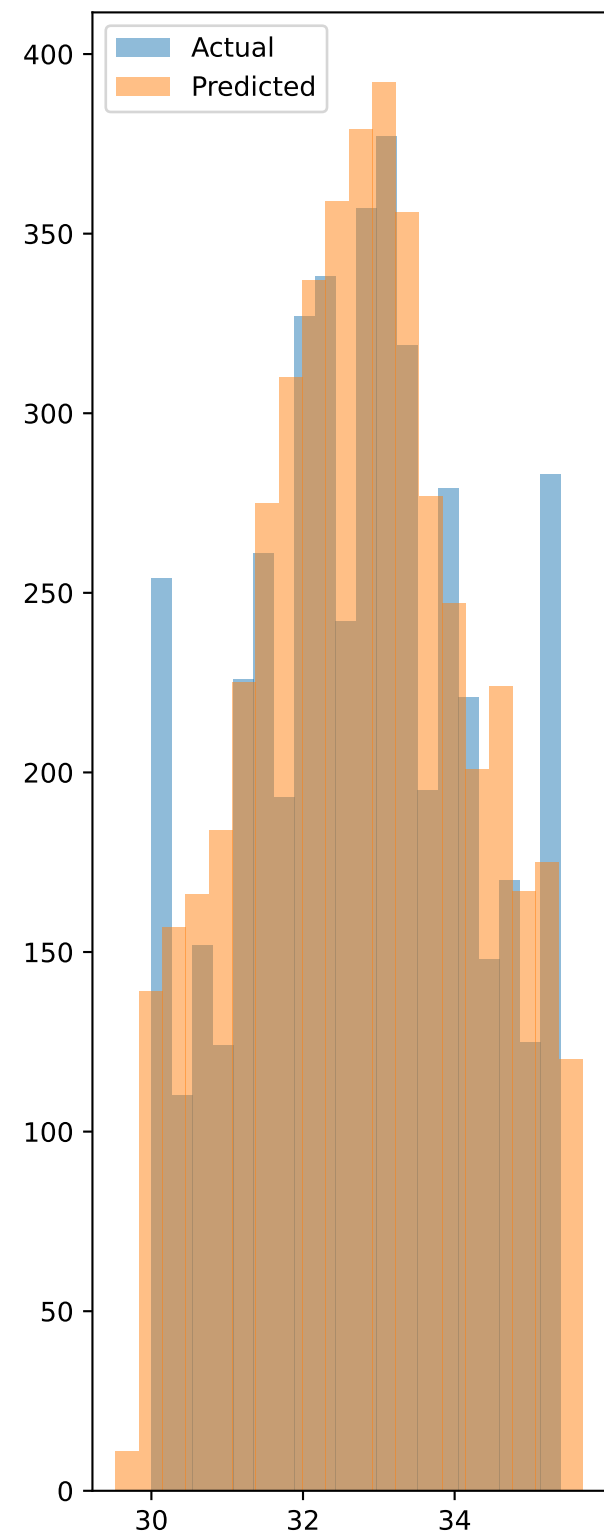
Distribution XGB model for
MCHC
White group
R2 score: 0.98
Wasserstein Distance: 0.04



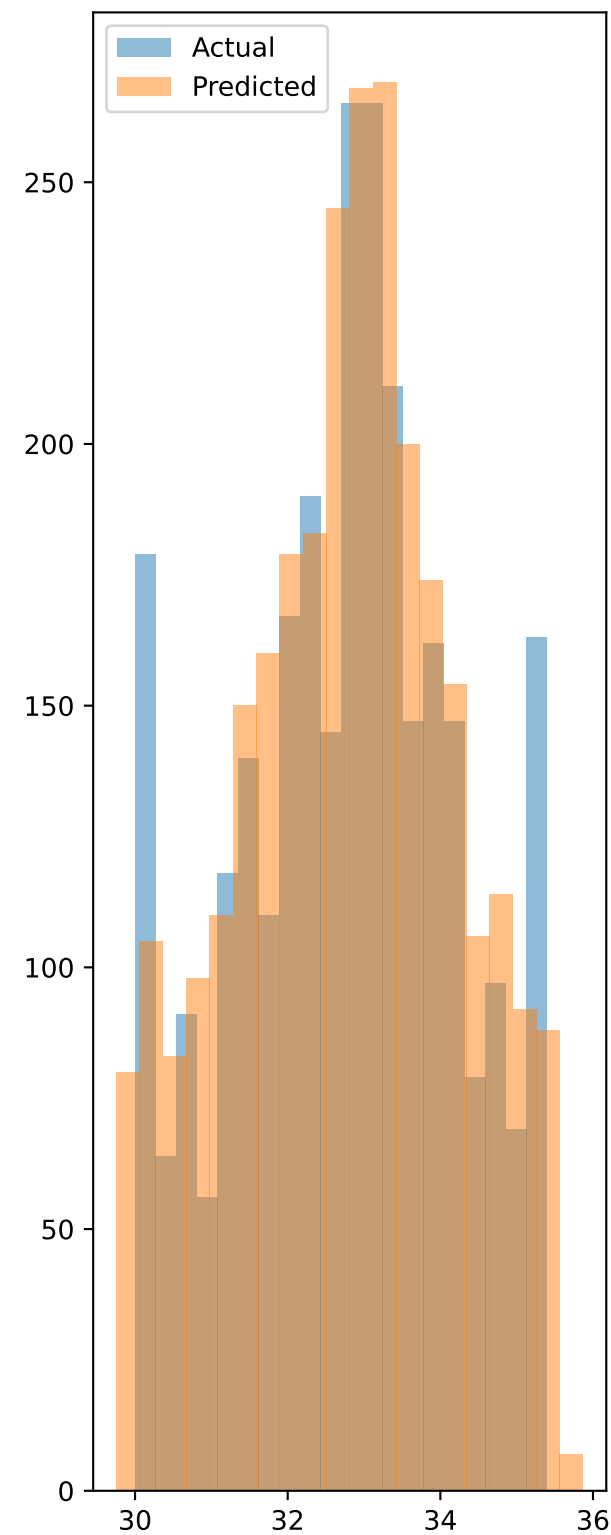
Distribution XGB model for
MCHC
Black group
R2 score: 0.98
Wasserstein Distance: 0.04



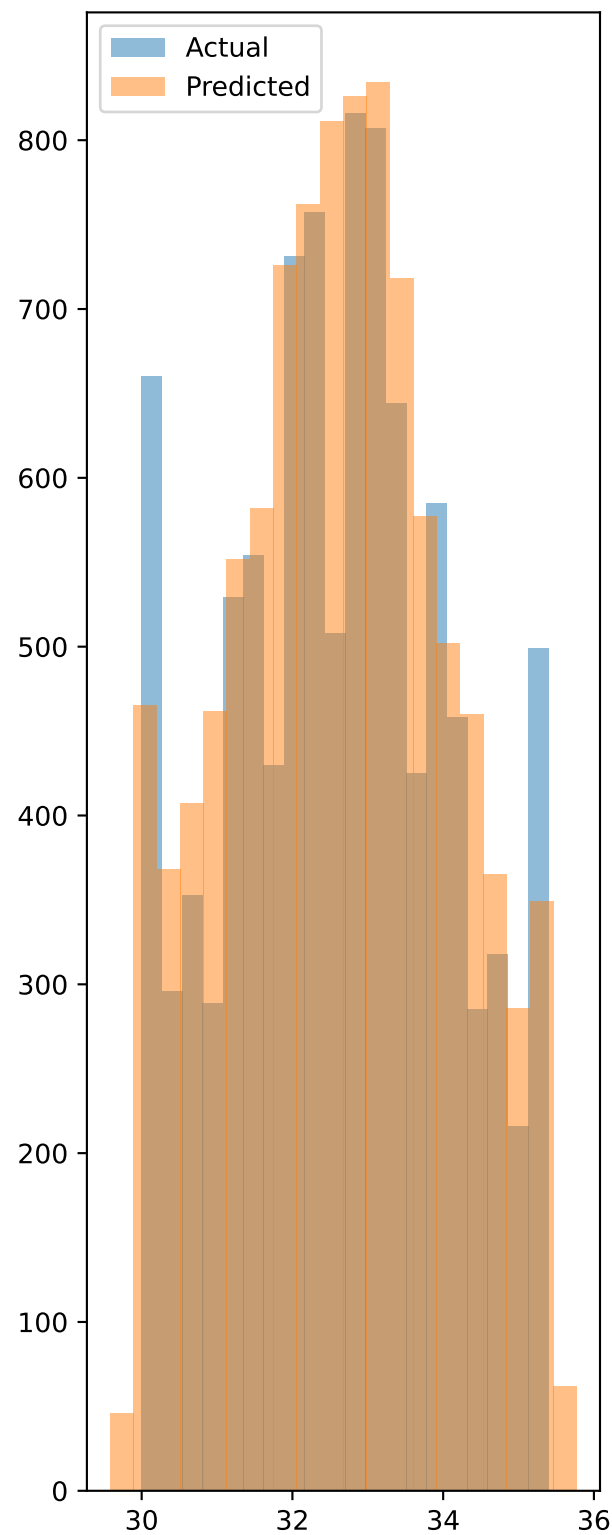
Distribution XGB model for
MCHC
Hispanic group
R2 score: 0.98
Wasserstein Distance: 0.04



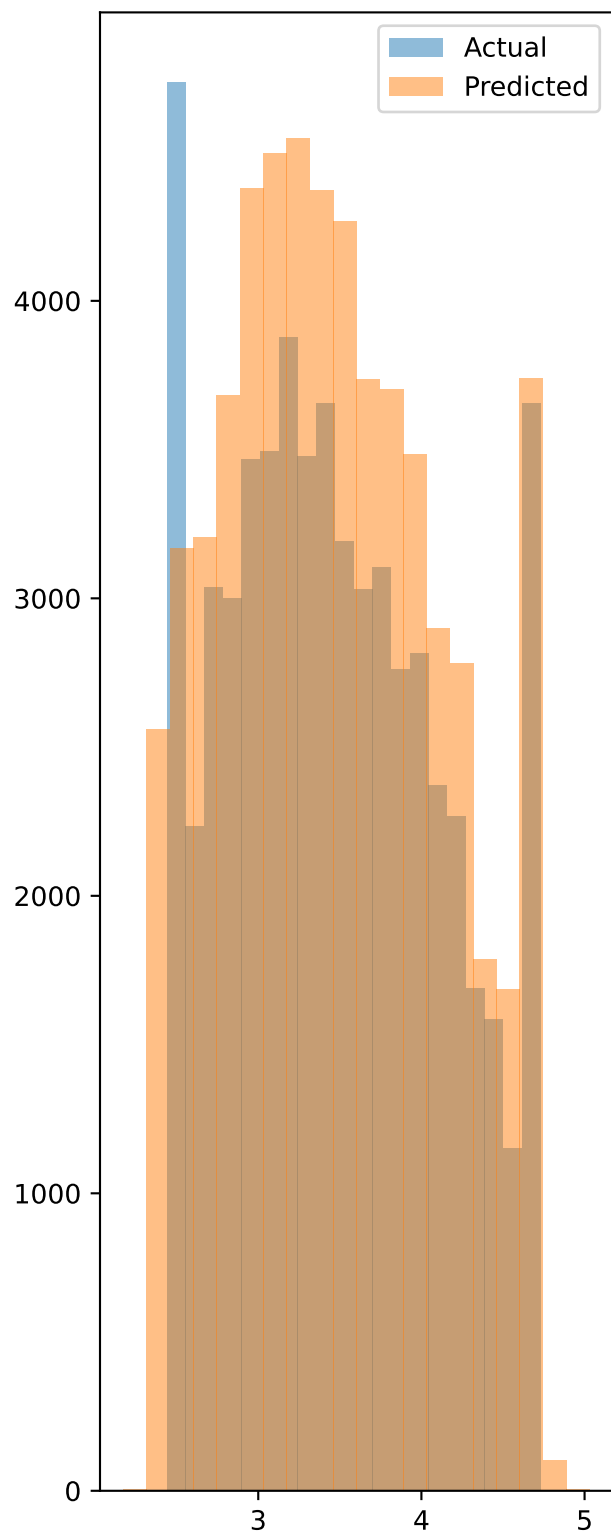
Distribution XGB model for
MCHC
Asian group
R2 score: 0.98
Wasserstein Distance: 0.04



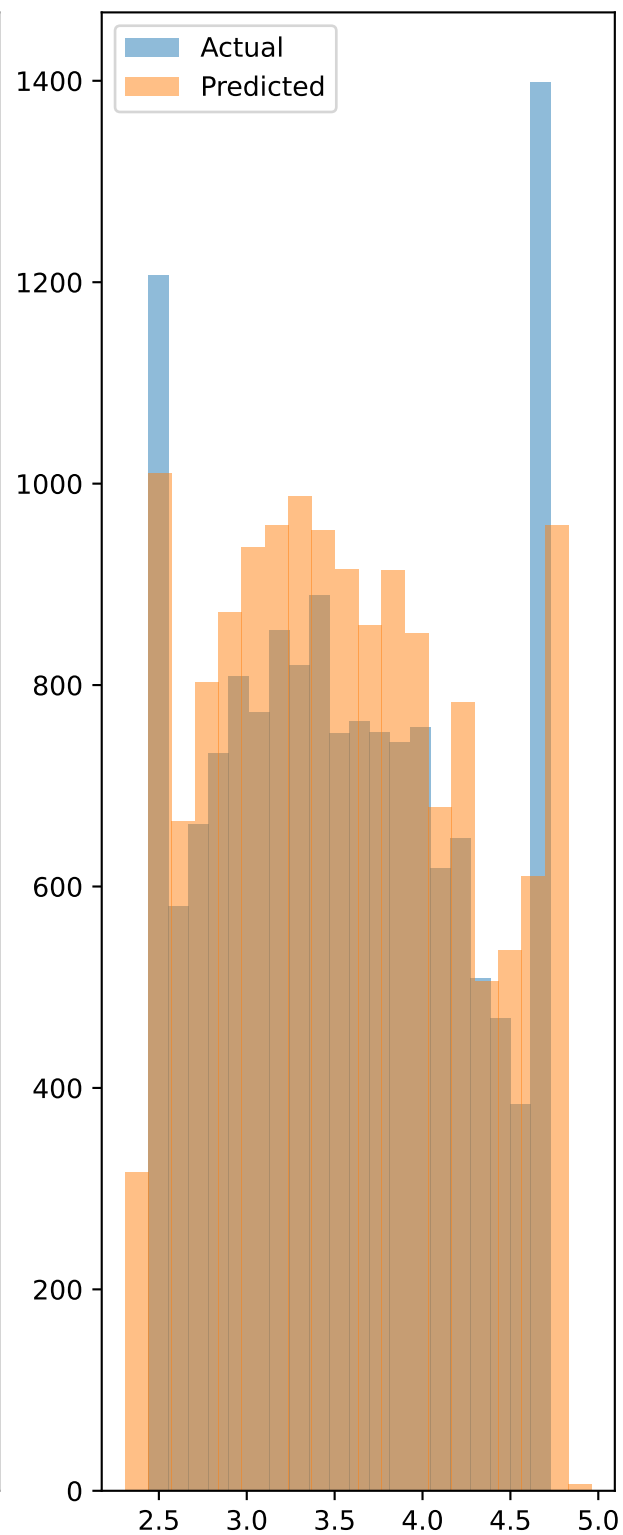
Distribution XGB model for
MCHC
Others group
R2 score: 0.98
Wasserstein Distance: 0.04



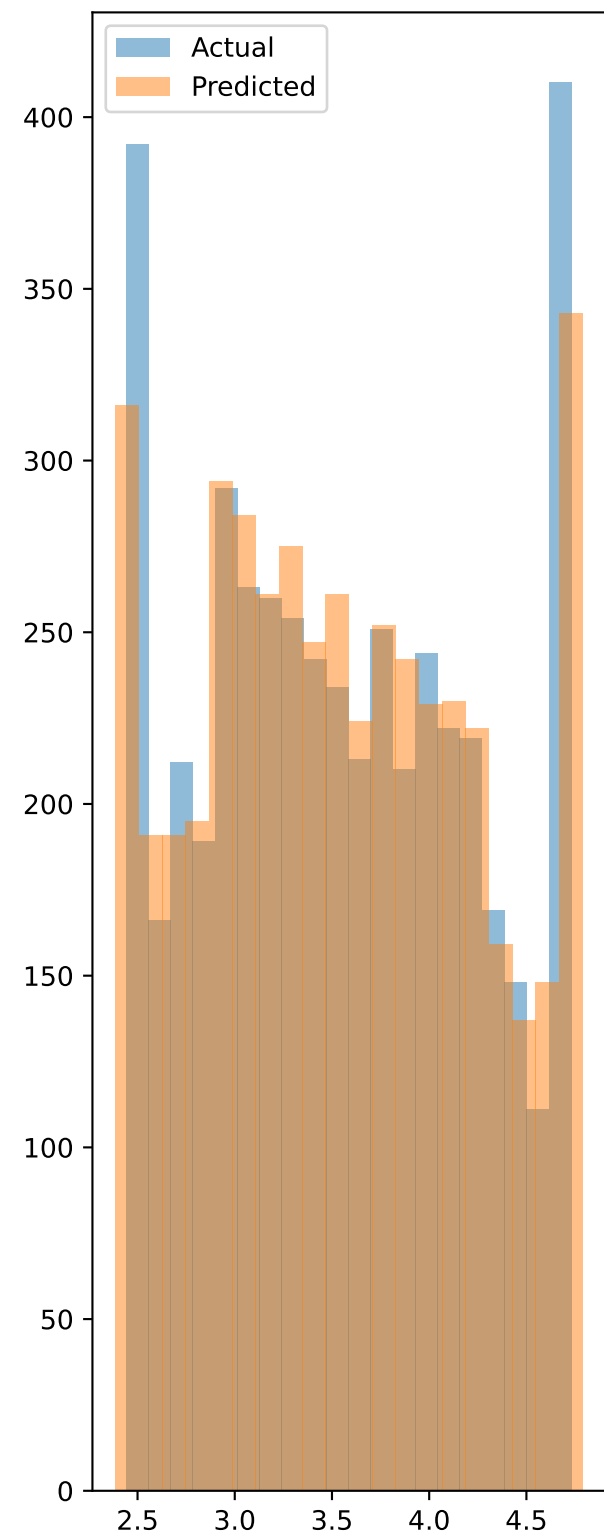
Distribution XGB model for
Red Blood Cells
White group
R2 score: 1.00
Wasserstein Distance: 0.00



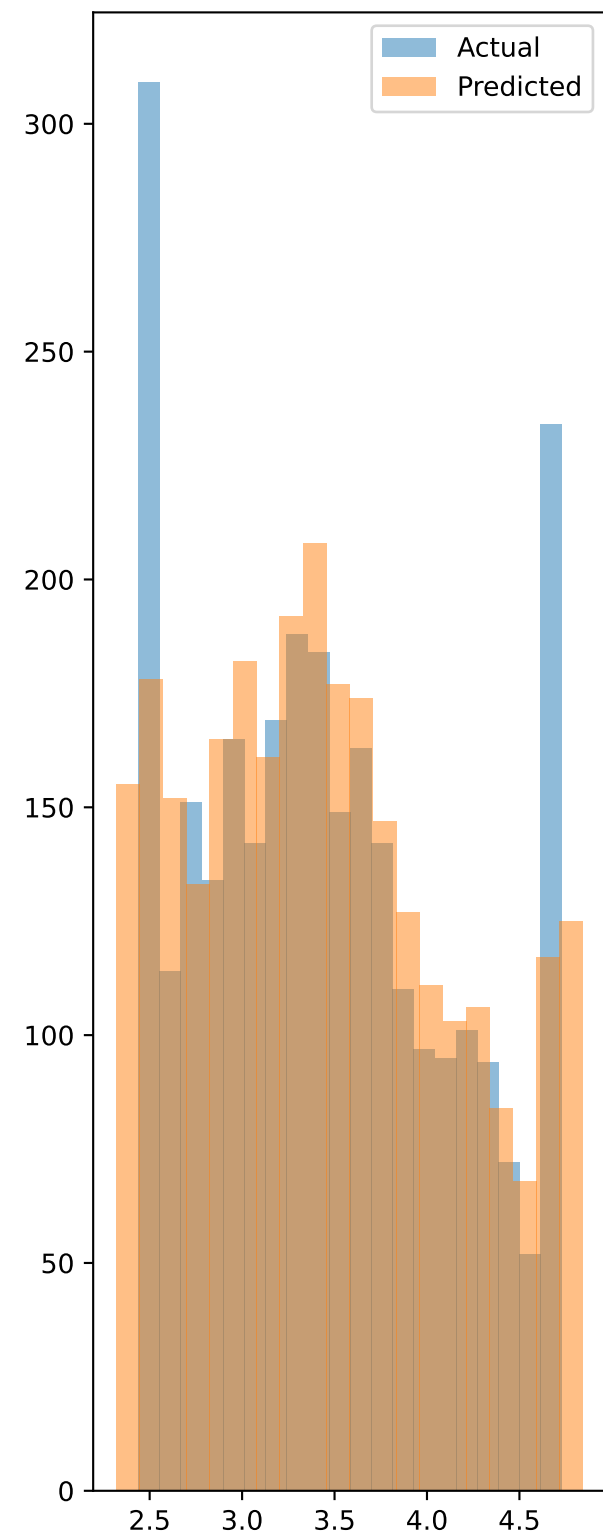
Distribution XGB model for
Red Blood Cells
Black group
R2 score: 0.99
Wasserstein Distance: 0.01



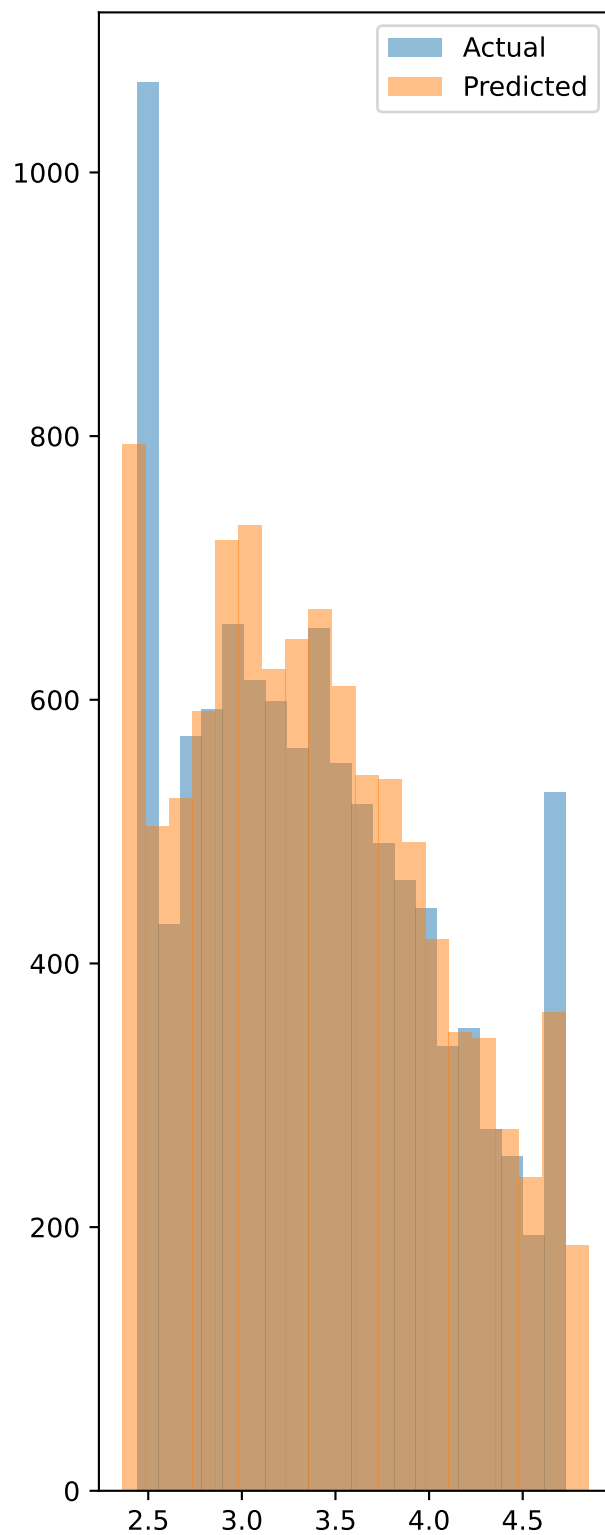
Distribution XGB model for
Red Blood Cells
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.01



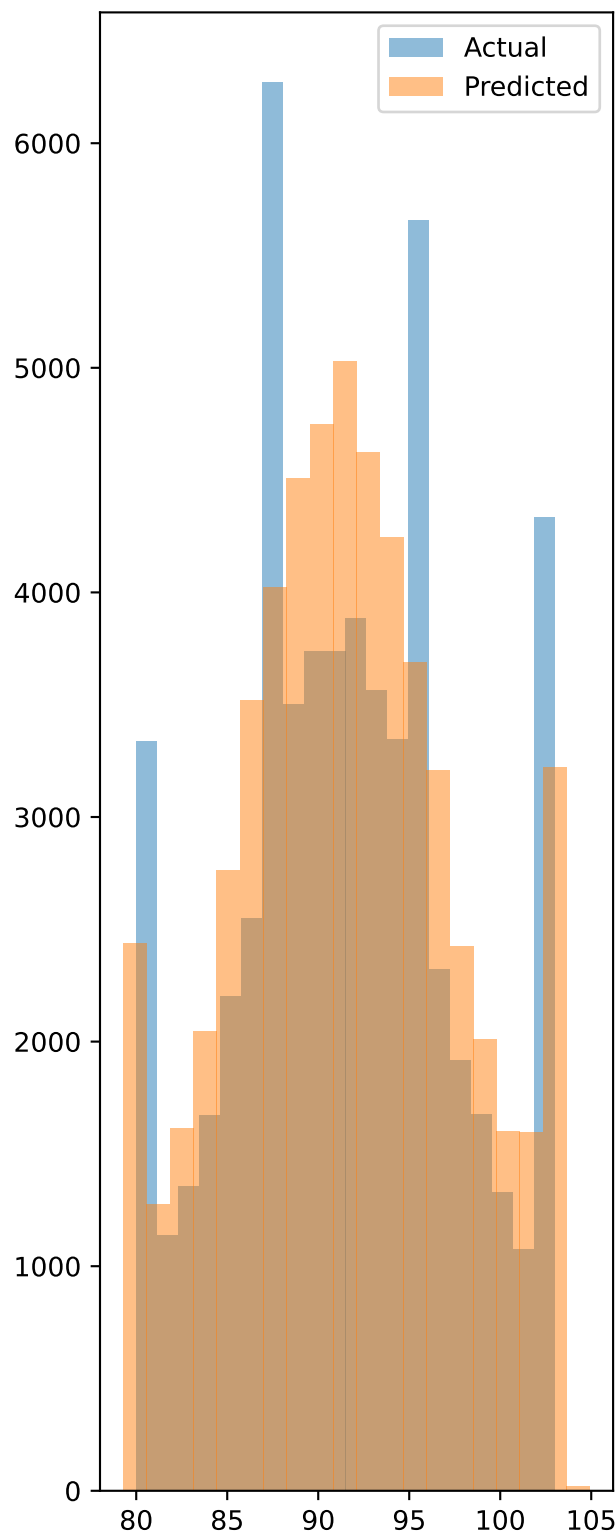
Distribution XGB model for
Red Blood Cells
Asian group
R2 score: 0.99
Wasserstein Distance: 0.01



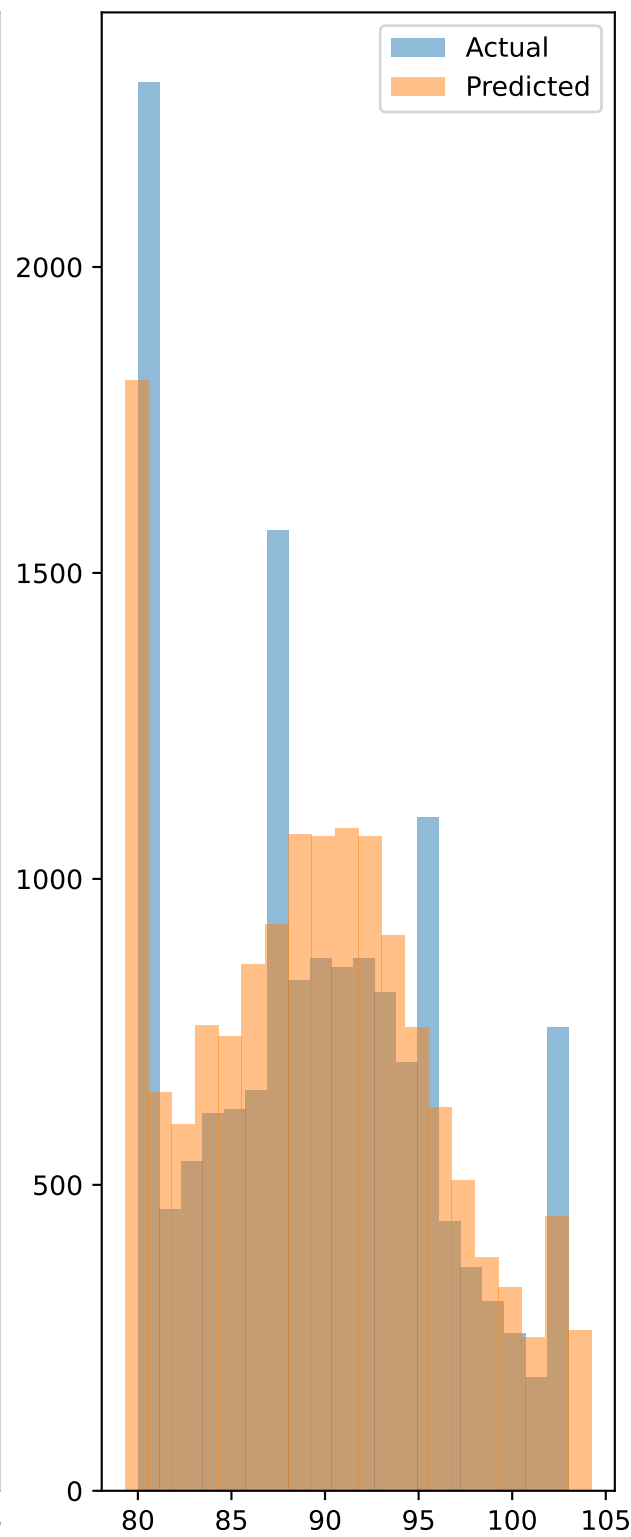
Distribution XGB model for
Red Blood Cells
Others group
R2 score: 1.00
Wasserstein Distance: 0.01



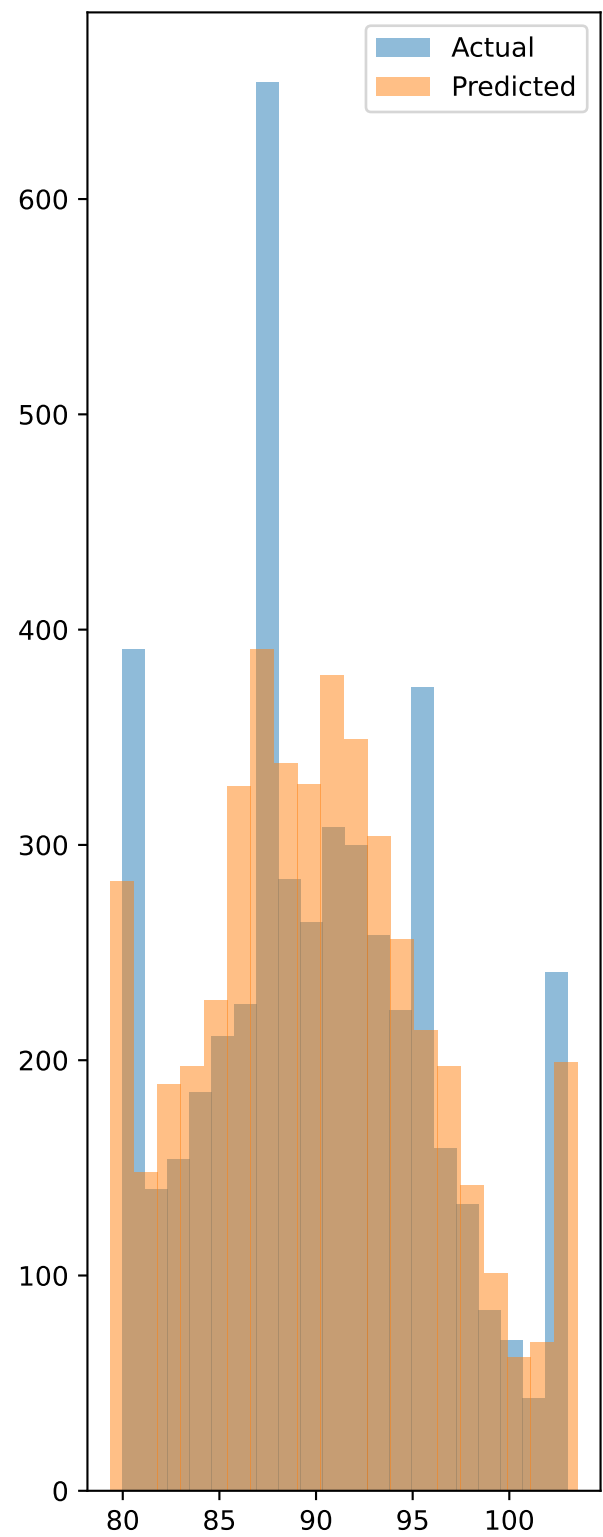
Distribution XGB model for
MCV
White group
R2 score: 0.99
Wasserstein Distance: 0.24



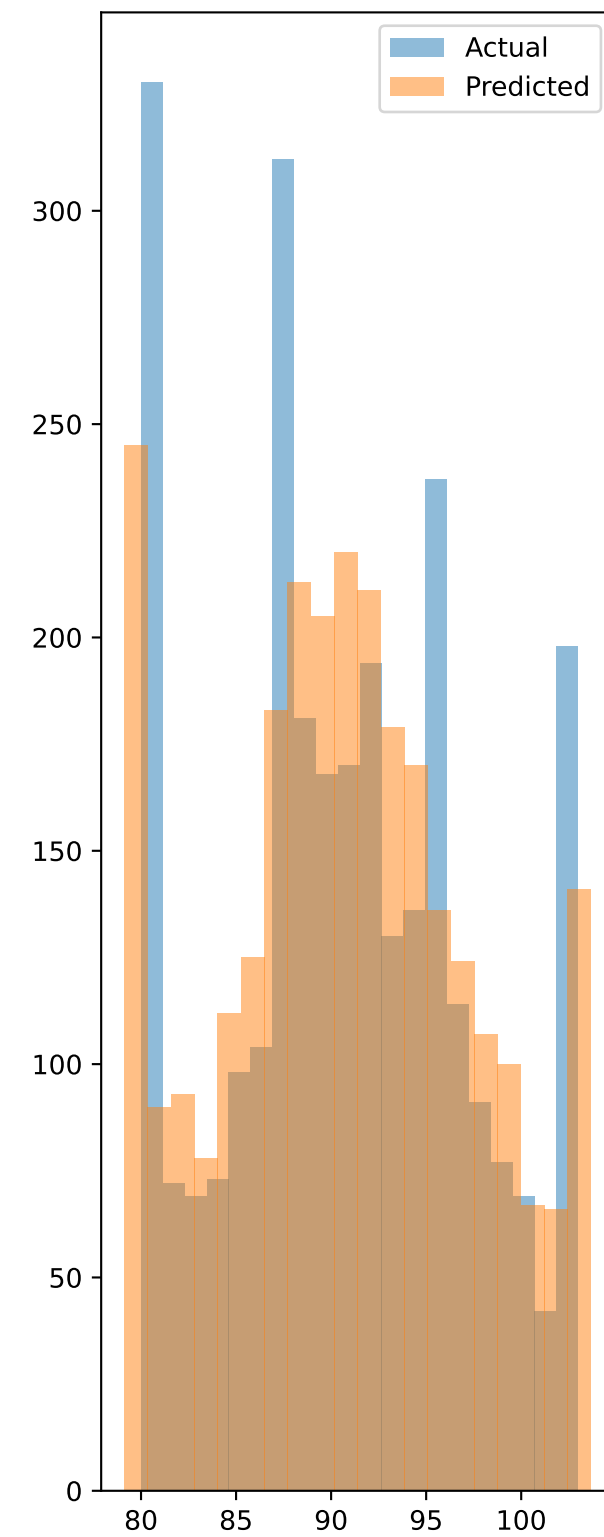
Distribution XGB model for
MCV
Black group
R2 score: 0.99
Wasserstein Distance: 0.24



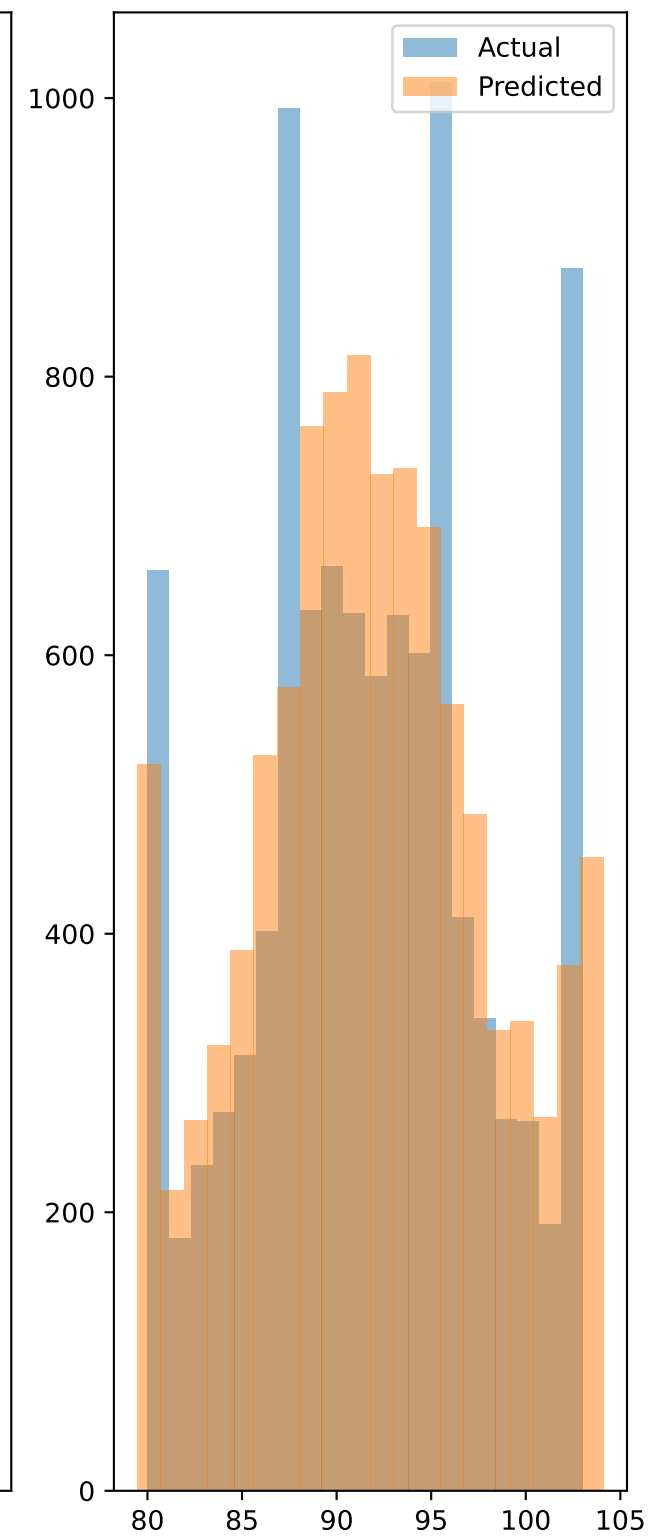
Distribution XGB model for
MCV
Hispanic group
R2 score: 0.99
Wasserstein Distance: 0.25



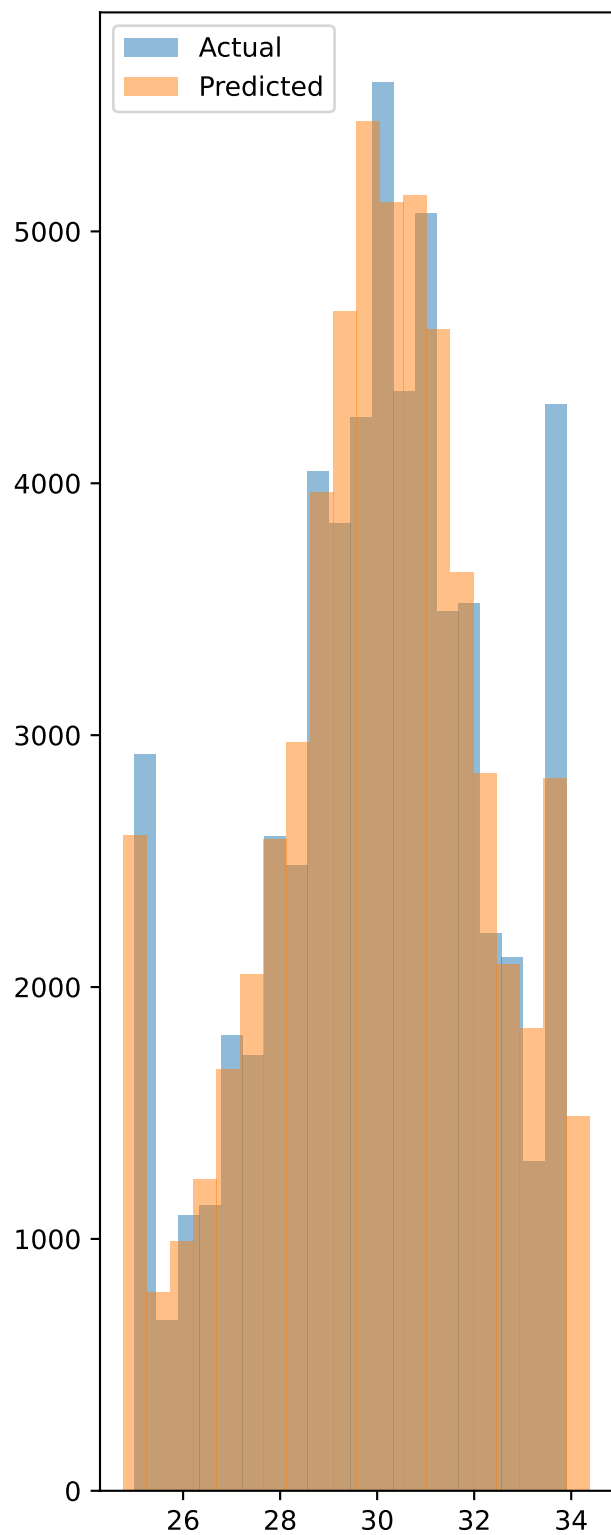
Distribution XGB model for
MCV
Asian group
R2 score: 0.99
Wasserstein Distance: 0.24



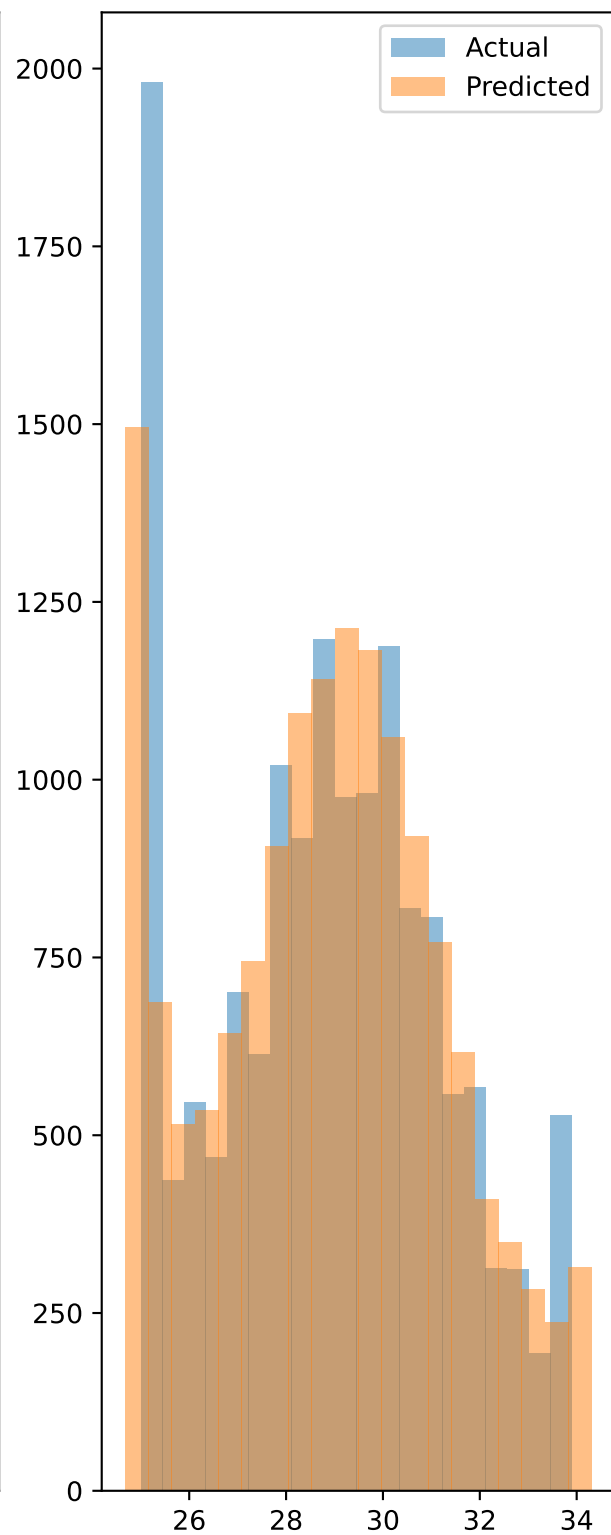
Distribution XGB model for
MCV
Others group
R2 score: 0.99
Wasserstein Distance: 0.24



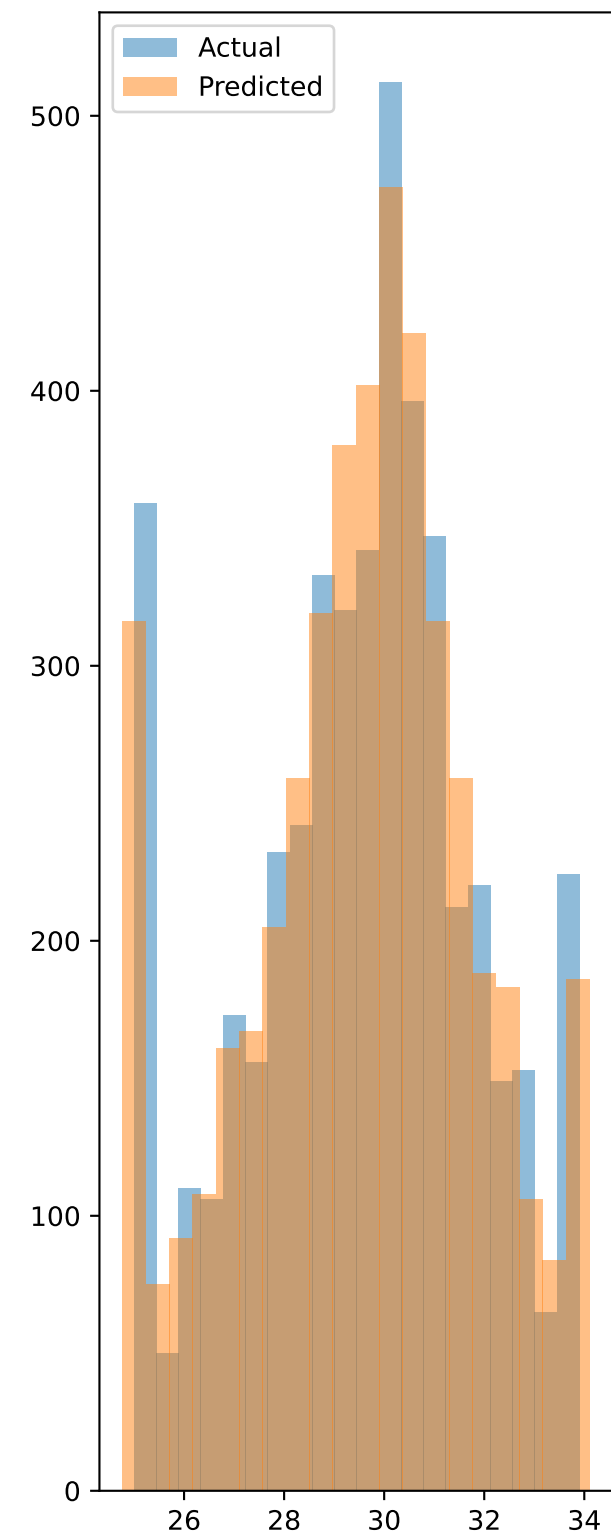
Distribution XGB model for
MCH
White group
R2 score: 1.00
Wasserstein Distance: 0.03



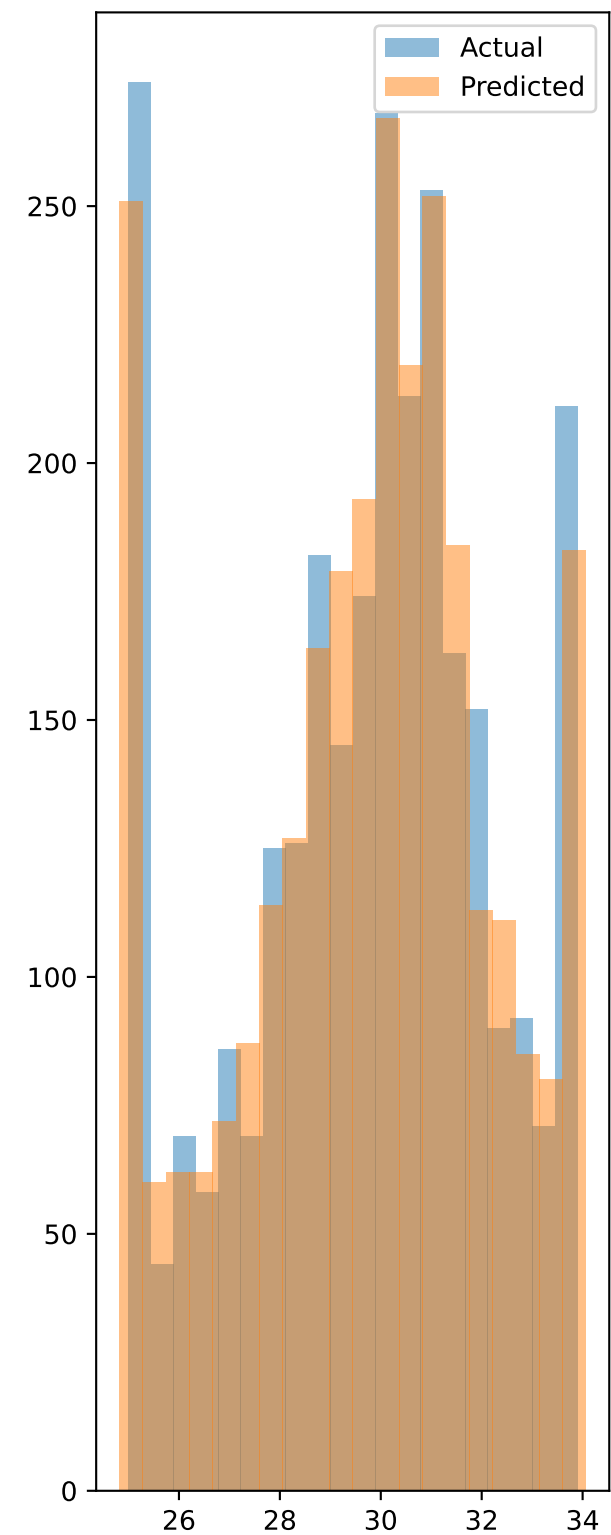
Distribution XGB model for
MCH
Black group
R2 score: 1.00
Wasserstein Distance: 0.03



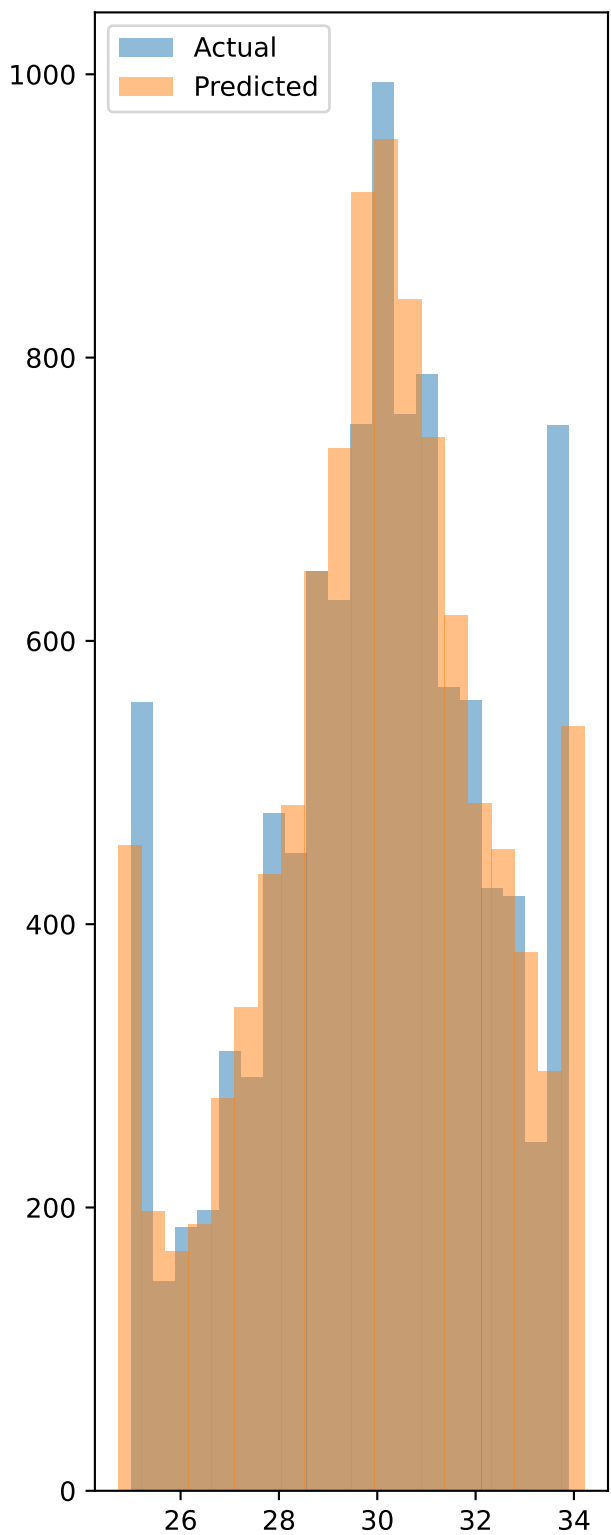
Distribution XGB model for
MCH
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.03

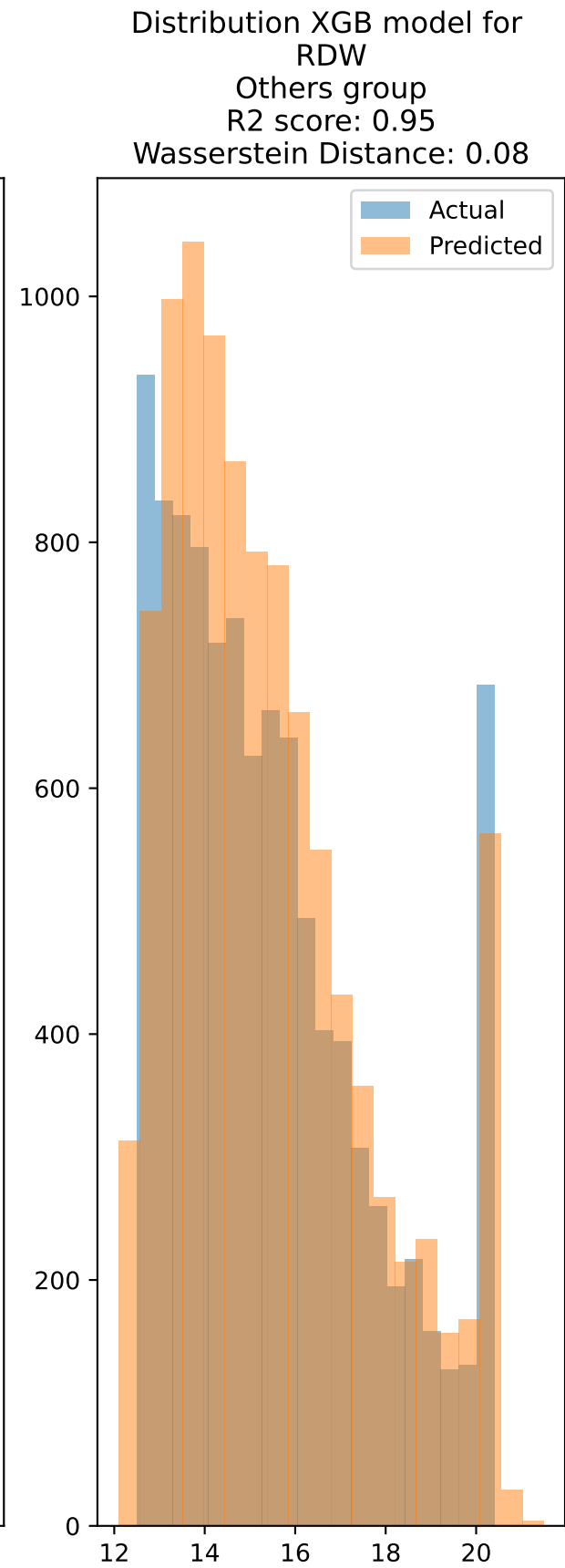
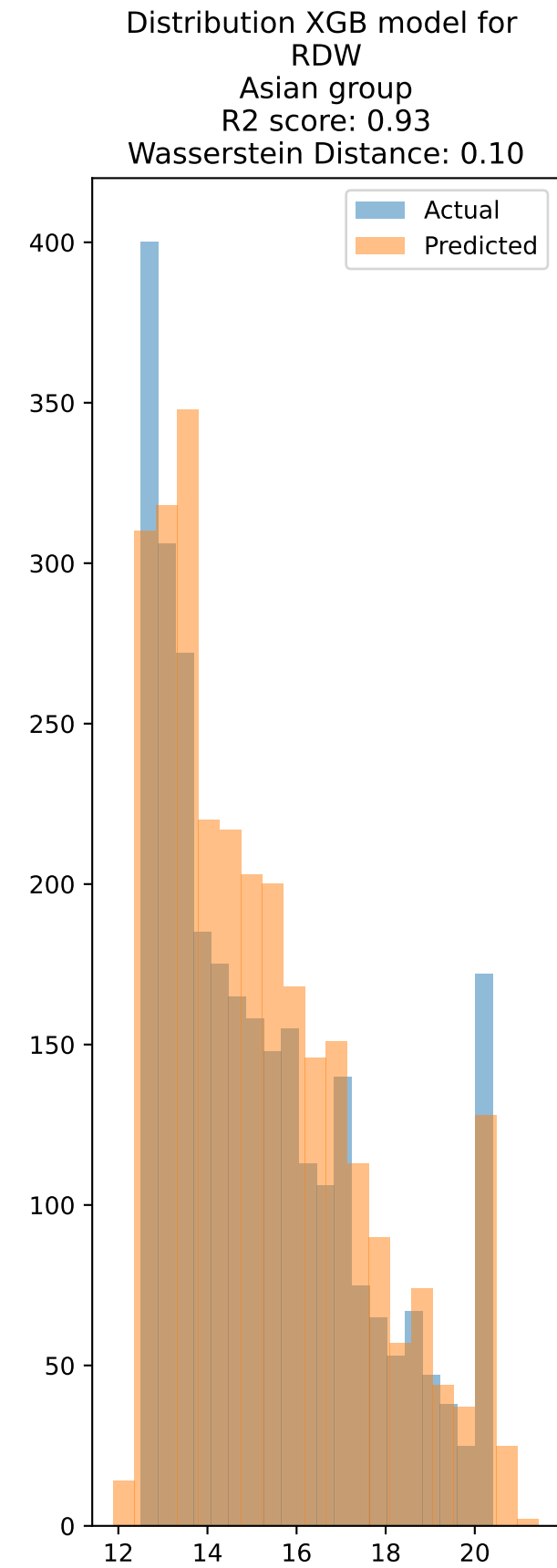
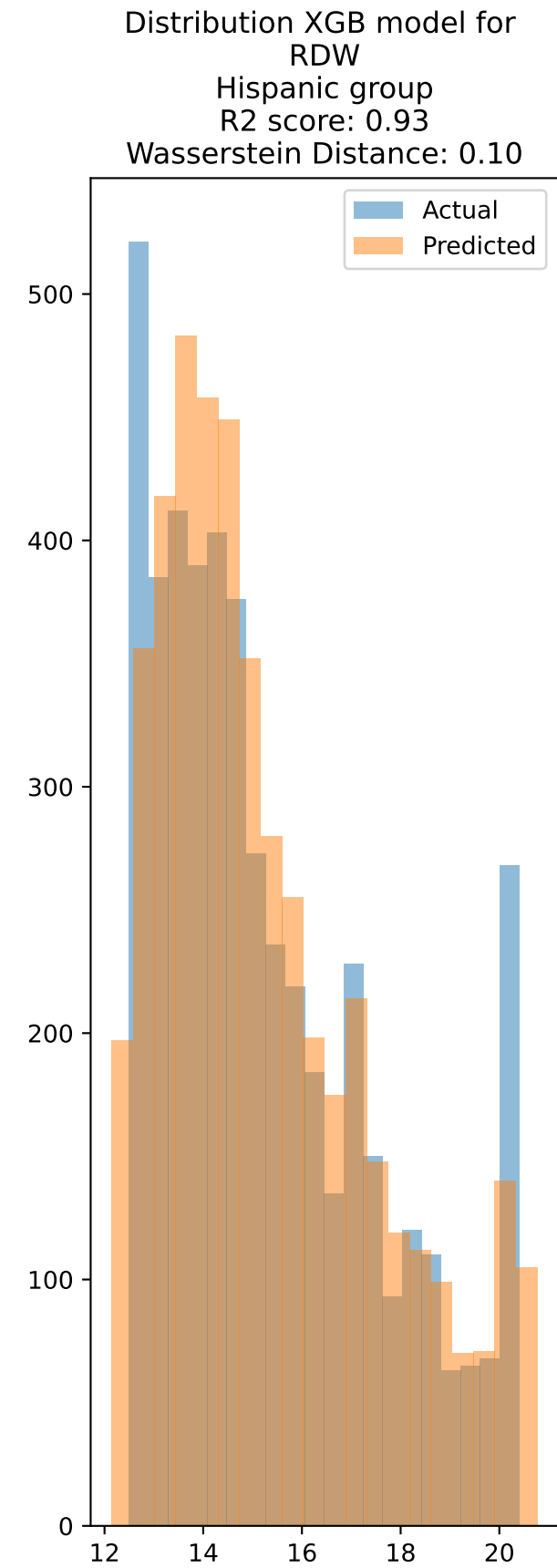
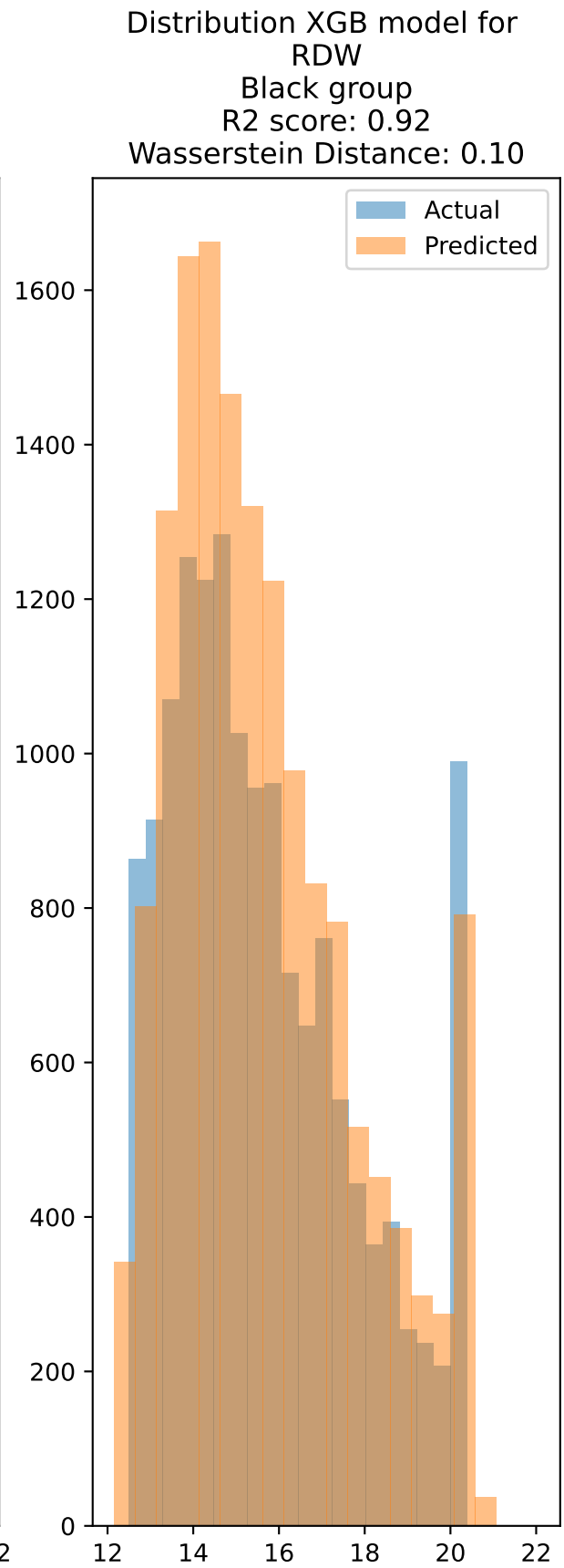
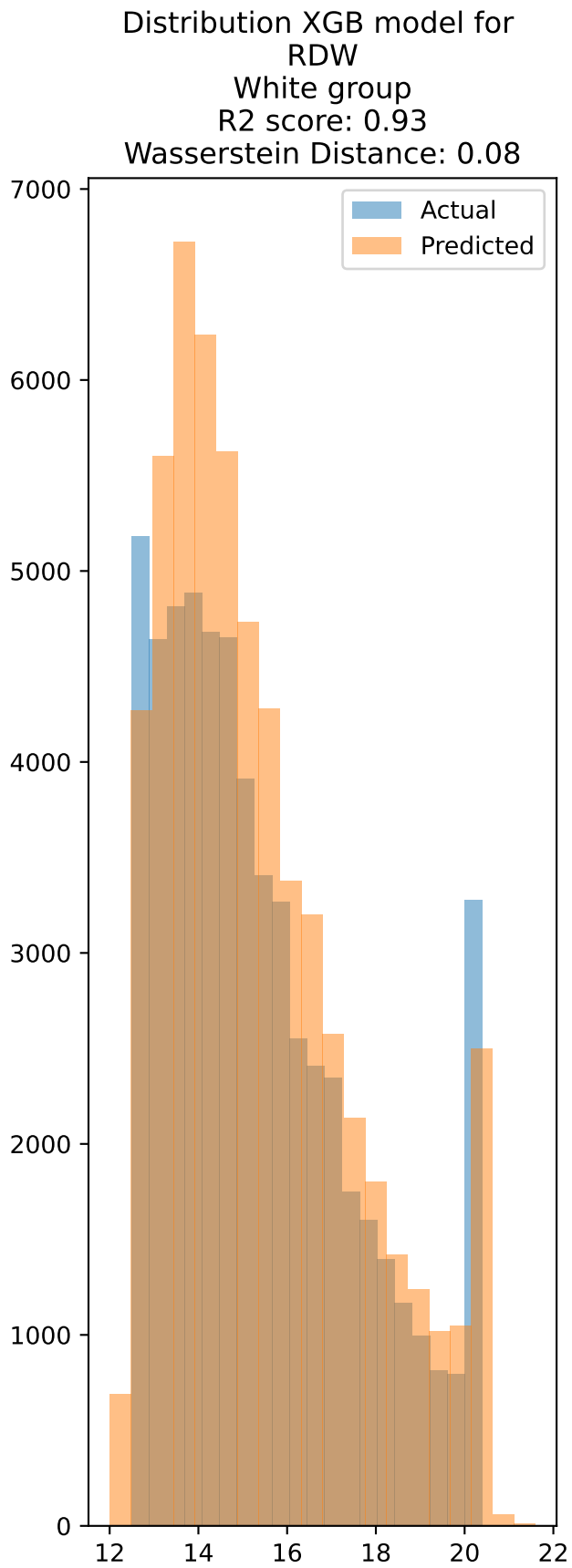


Distribution XGB model for
MCH
Asian group
R2 score: 1.00
Wasserstein Distance: 0.03

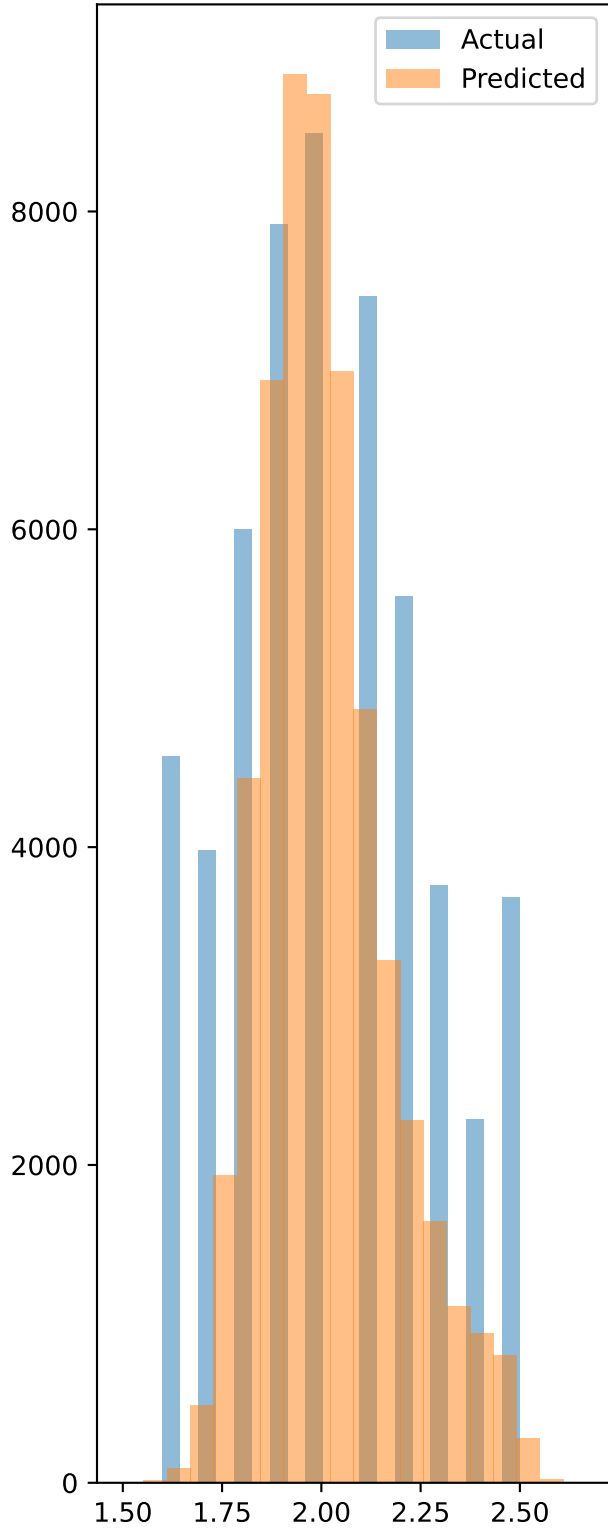


Distribution XGB model for
MCH
Others group
R2 score: 1.00
Wasserstein Distance: 0.03

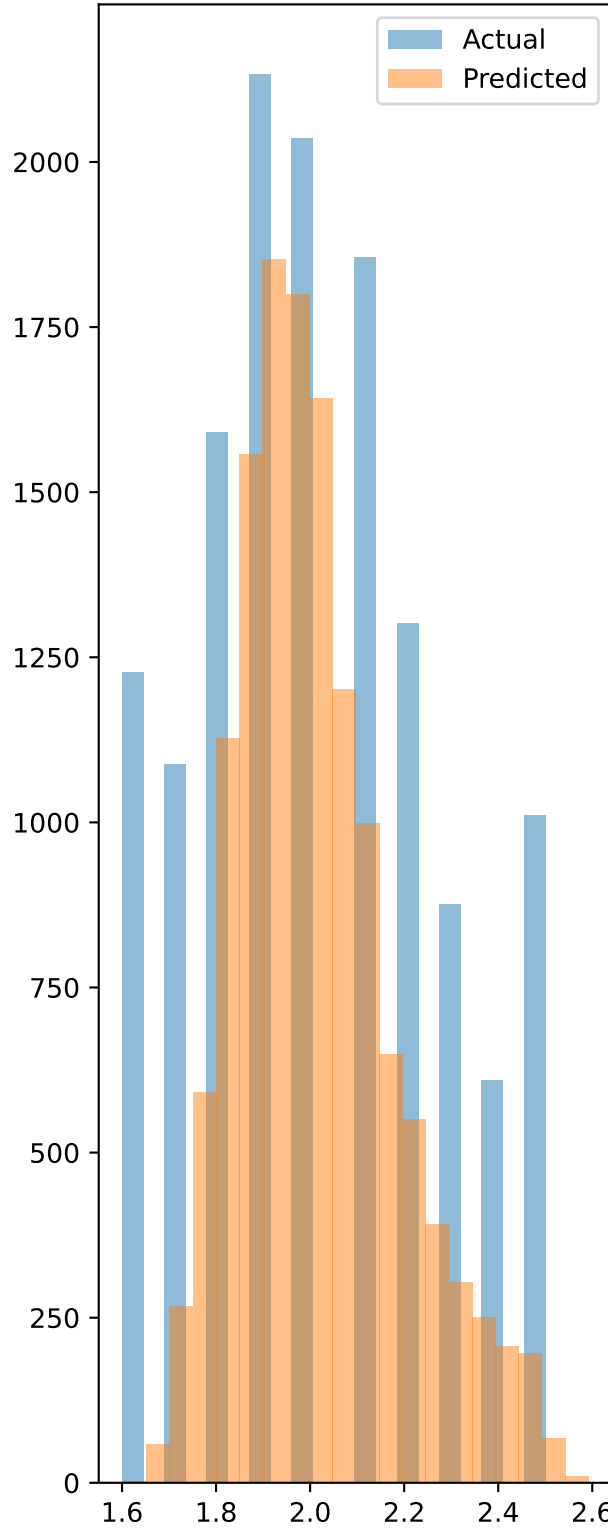




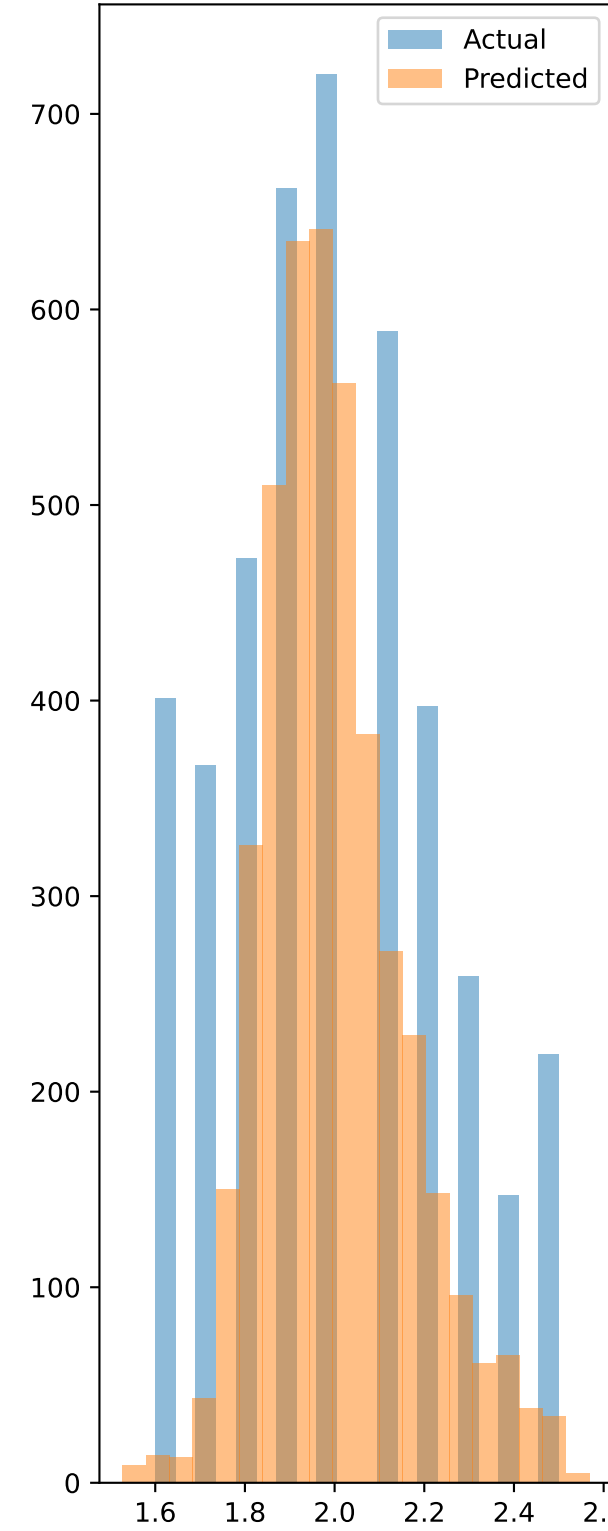
Distribution XGB model for
Magnesium
White group
R2 score: 0.45
Wasserstein Distance: 0.08



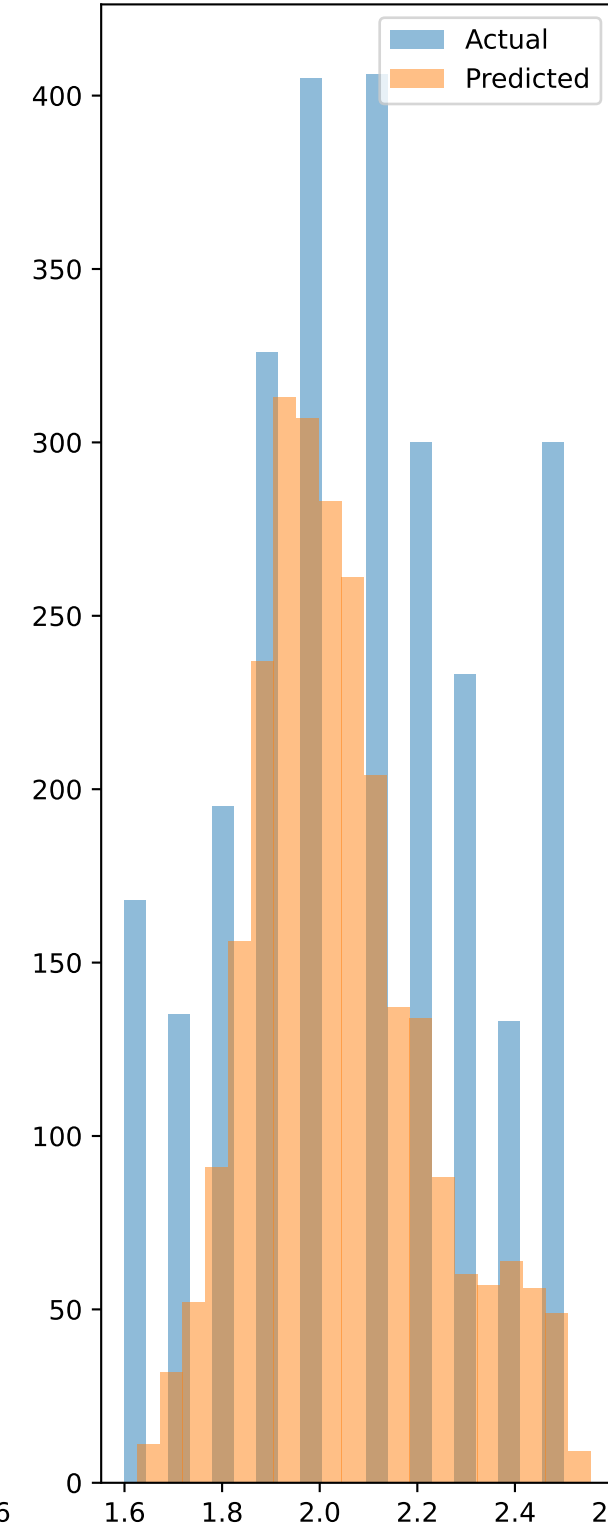
Distribution XGB model for
Magnesium
Black group
R2 score: 0.47
Wasserstein Distance: 0.08



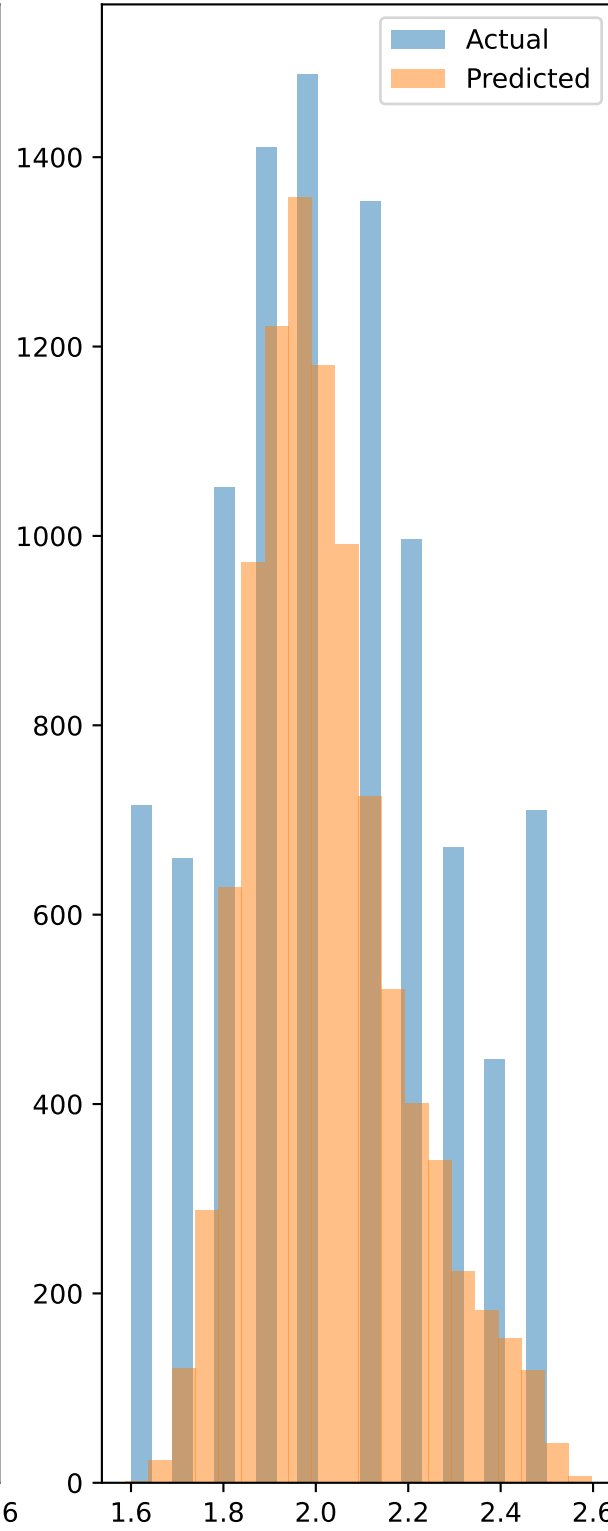
Distribution XGB model for
Magnesium
Hispanic group
R2 score: 0.40
Wasserstein Distance: 0.08



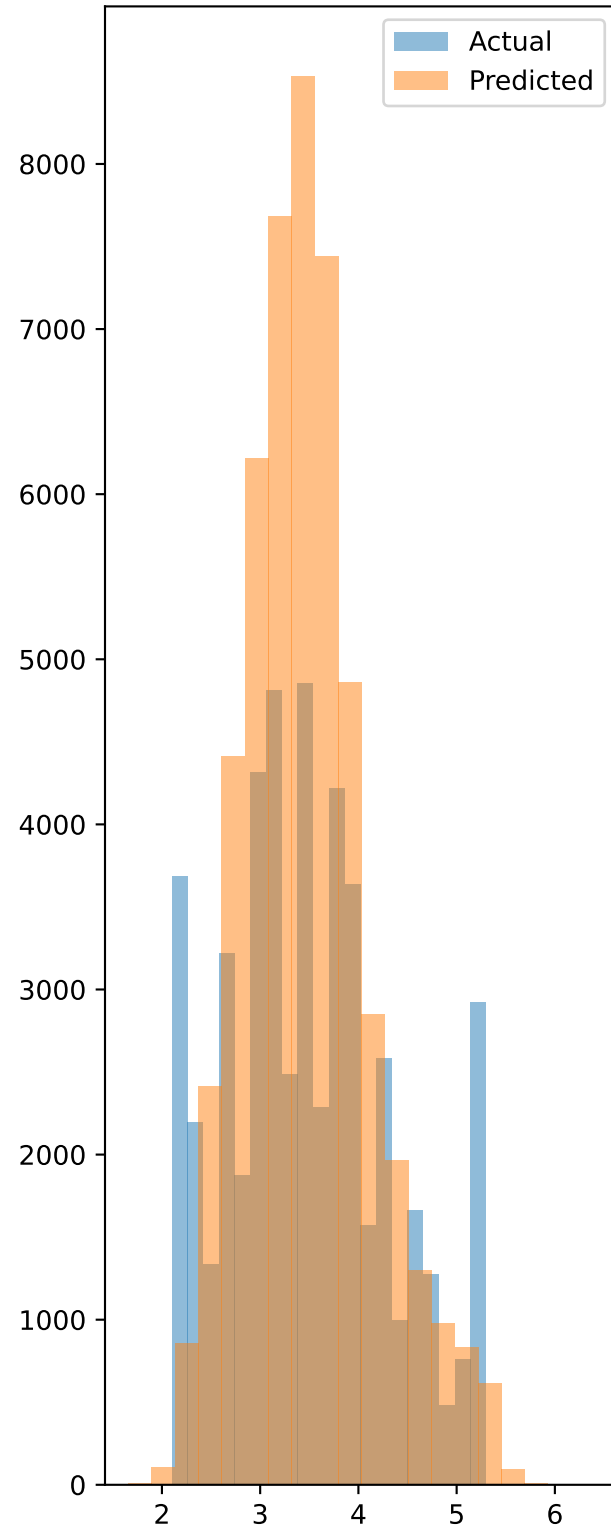
Distribution XGB model for
Magnesium
Asian group
R2 score: 0.47
Wasserstein Distance: 0.08



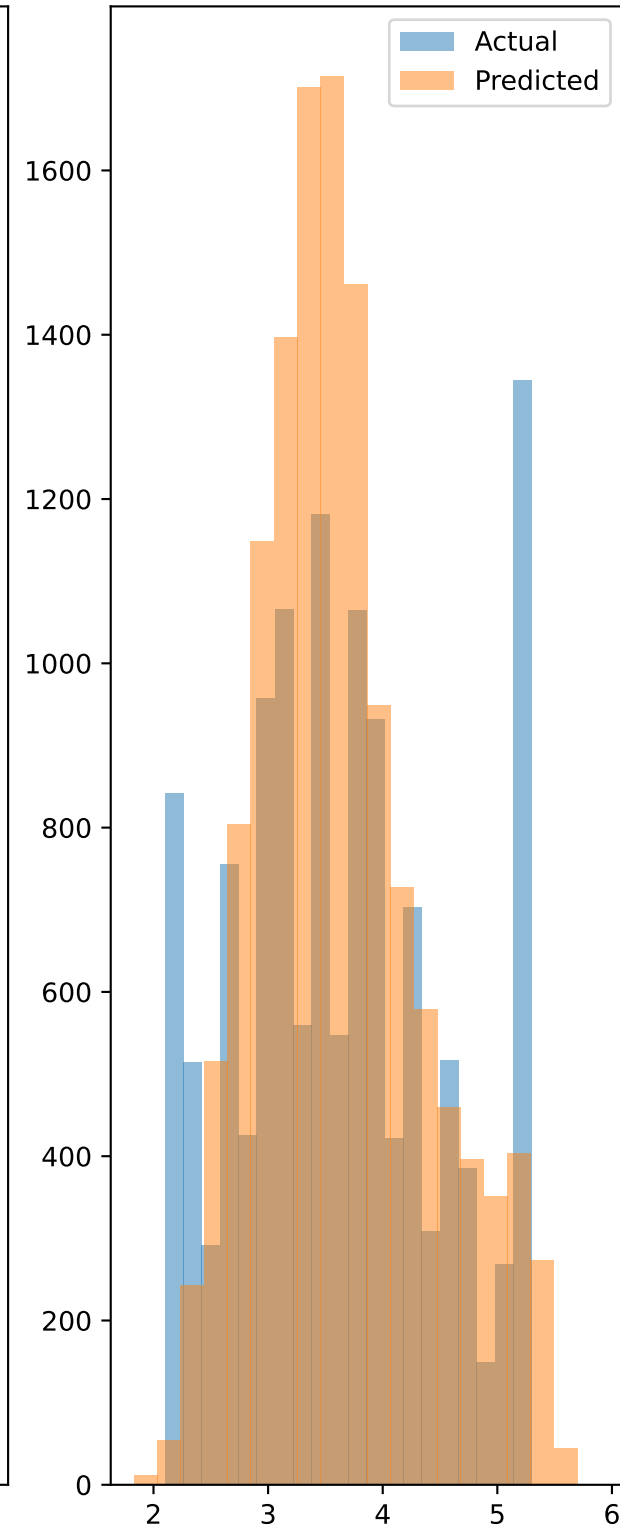
Distribution XGB model for
Magnesium
Others group
R2 score: 0.46
Wasserstein Distance: 0.08



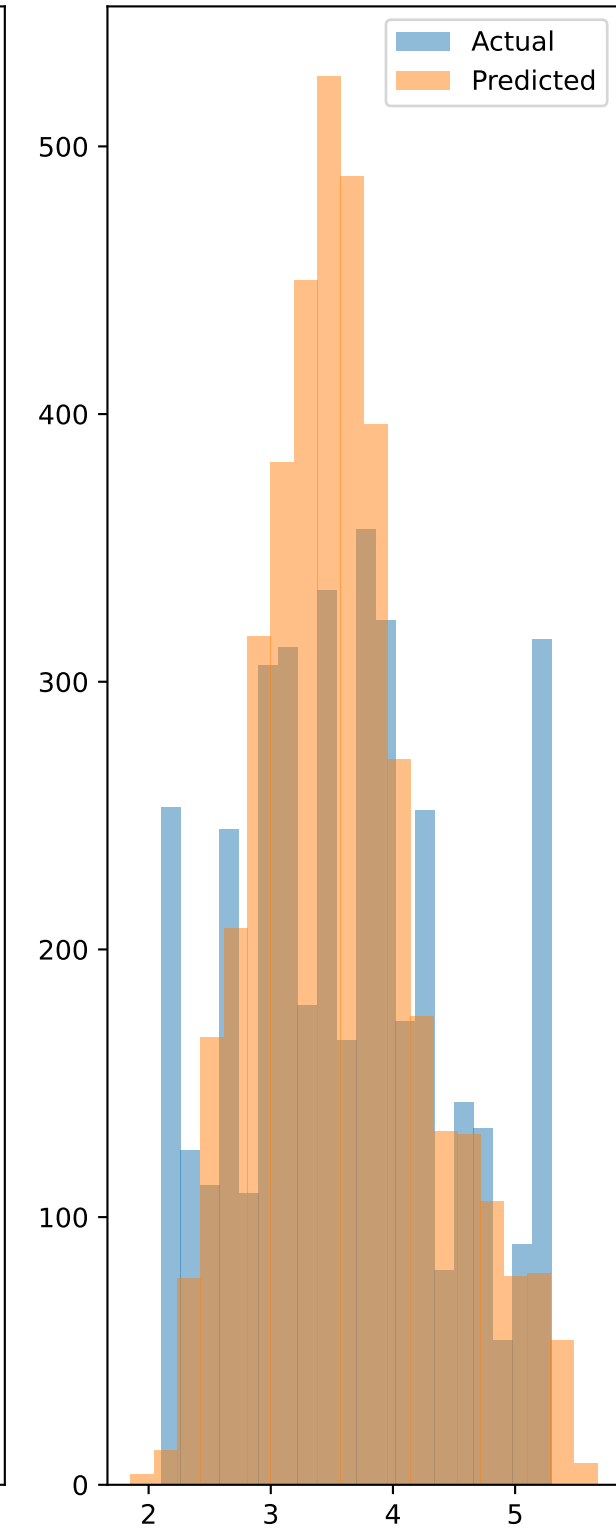
Distribution XGB model for
Phosphate
White group
R2 score: 0.60
Wasserstein Distance: 0.19



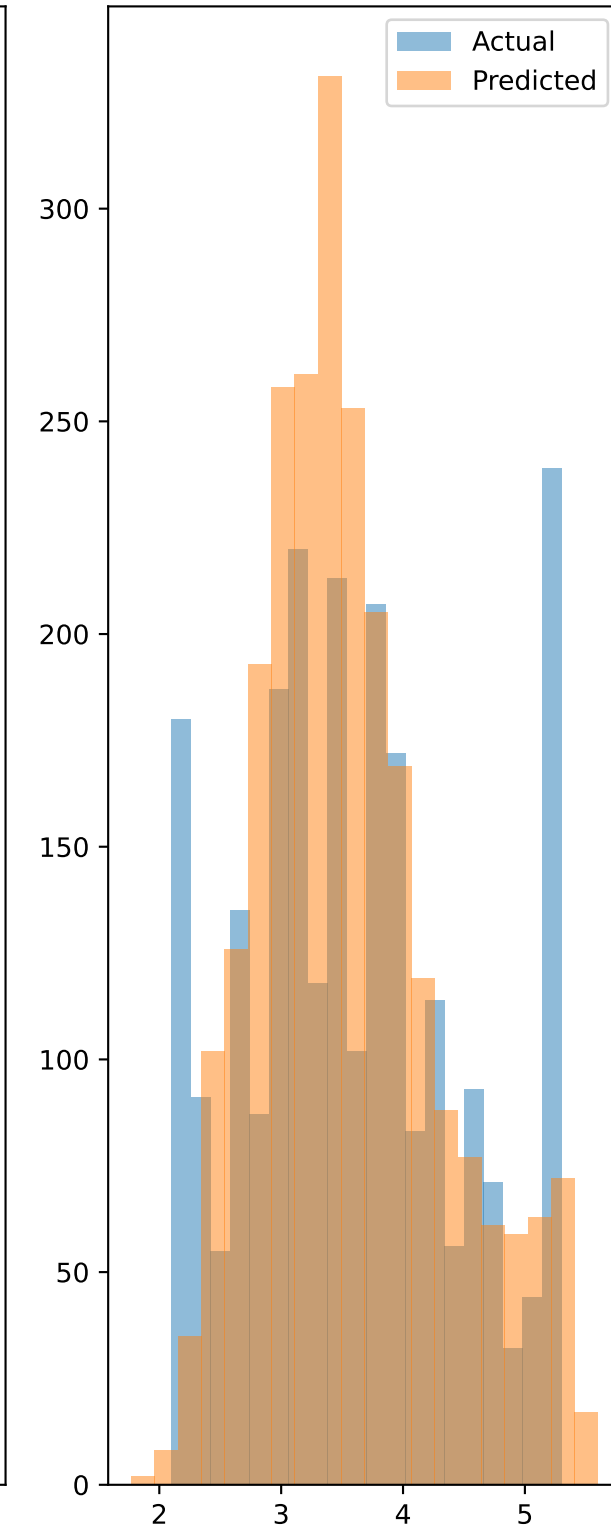
Distribution XGB model for
Phosphate
Black group
R2 score: 0.65
Wasserstein Distance: 0.19



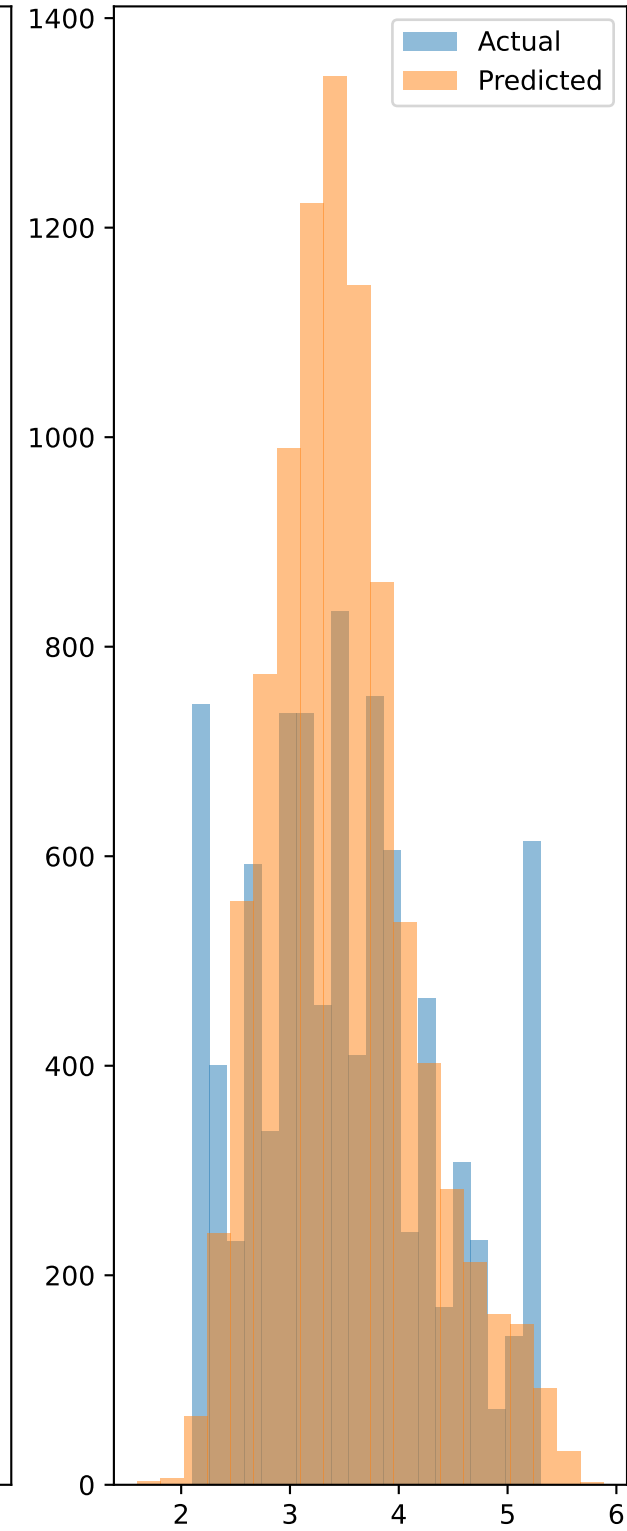
Distribution XGB model for
Phosphate
Hispanic group
R2 score: 0.60
Wasserstein Distance: 0.19



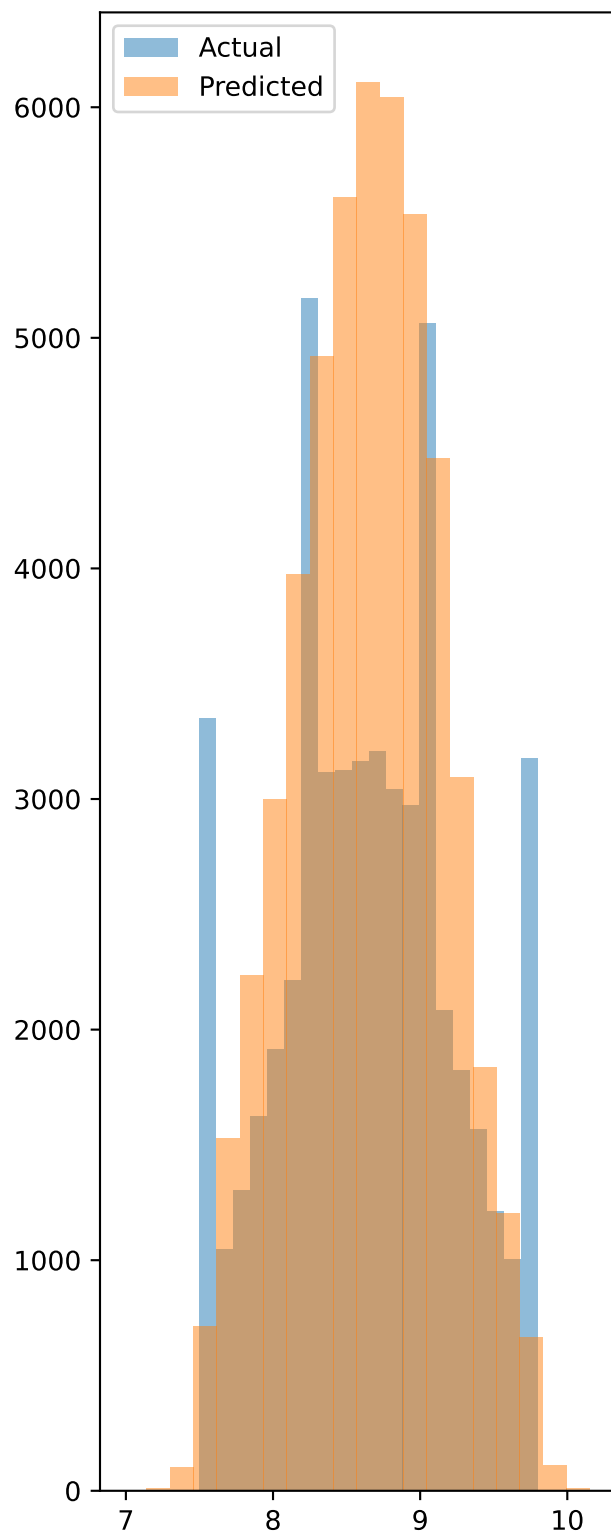
Distribution XGB model for
Phosphate
Asian group
R2 score: 0.65
Wasserstein Distance: 0.17



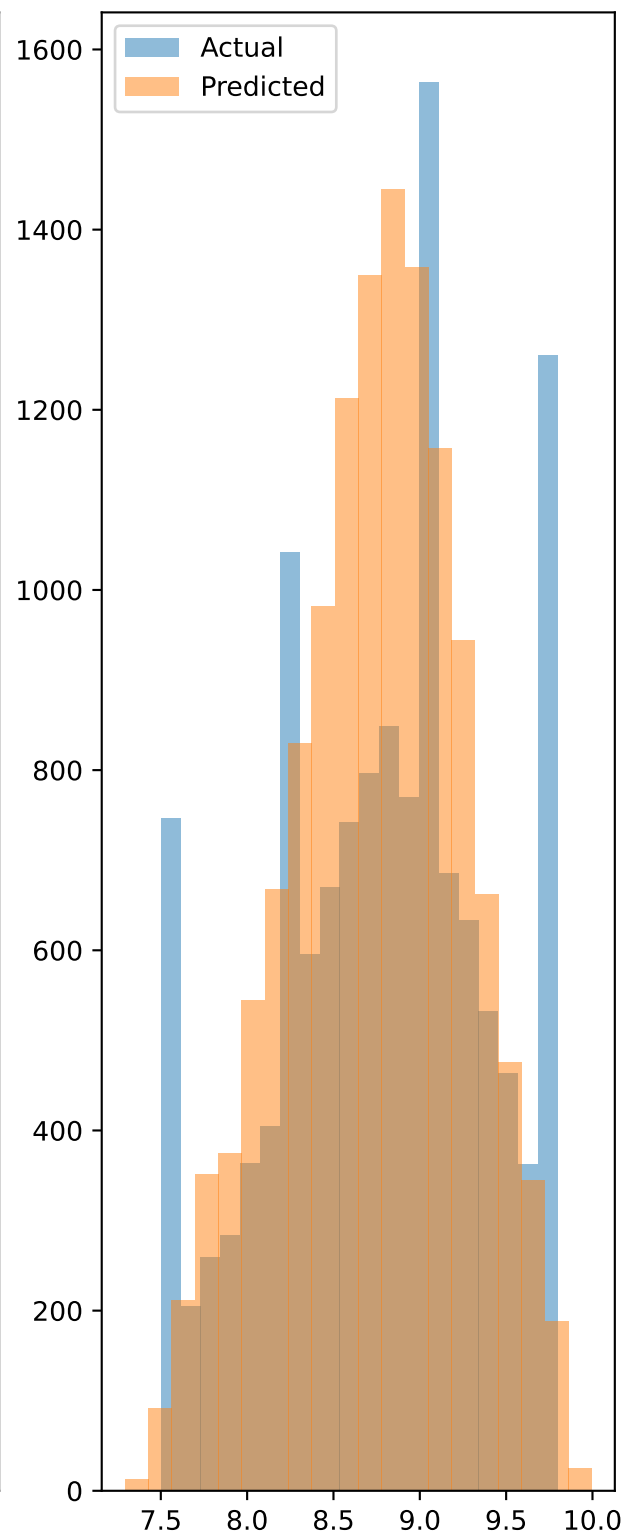
Distribution XGB model for
Phosphate
Others group
R2 score: 0.62
Wasserstein Distance: 0.19



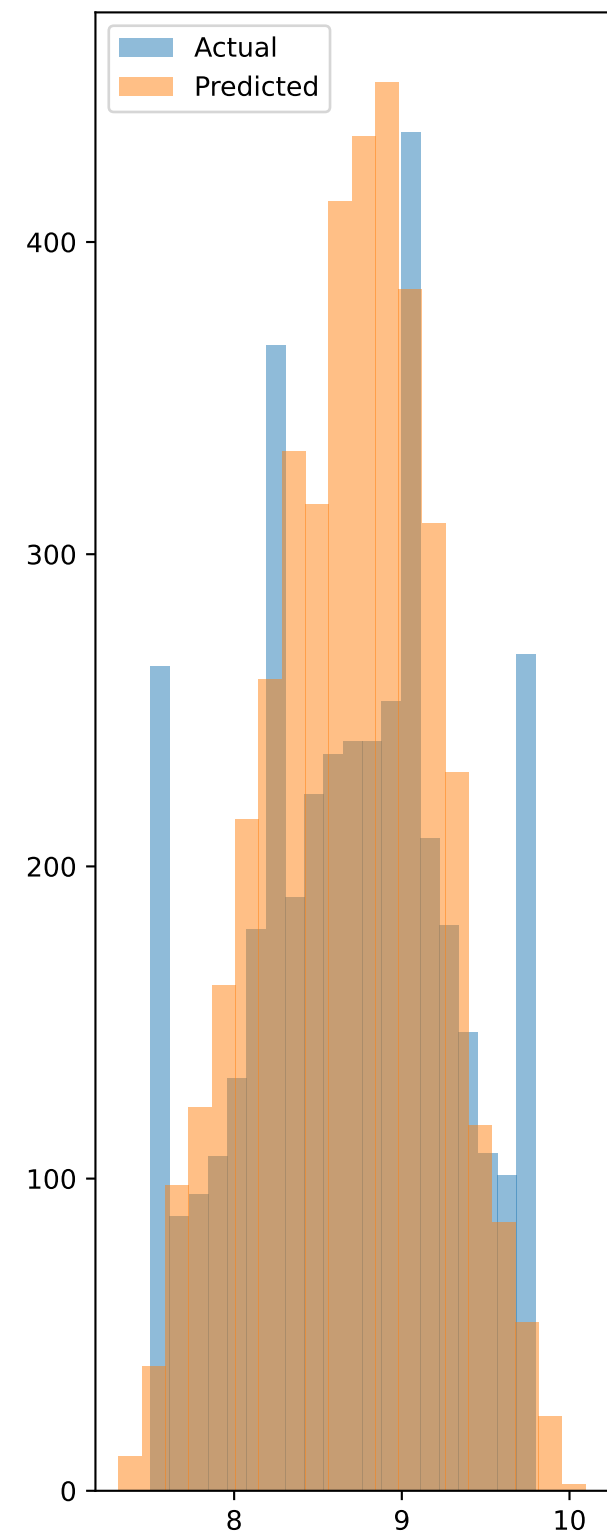
Distribution XGB model for
Calcium, Total
White group
R2 score: 0.69
Wasserstein Distance: 0.10



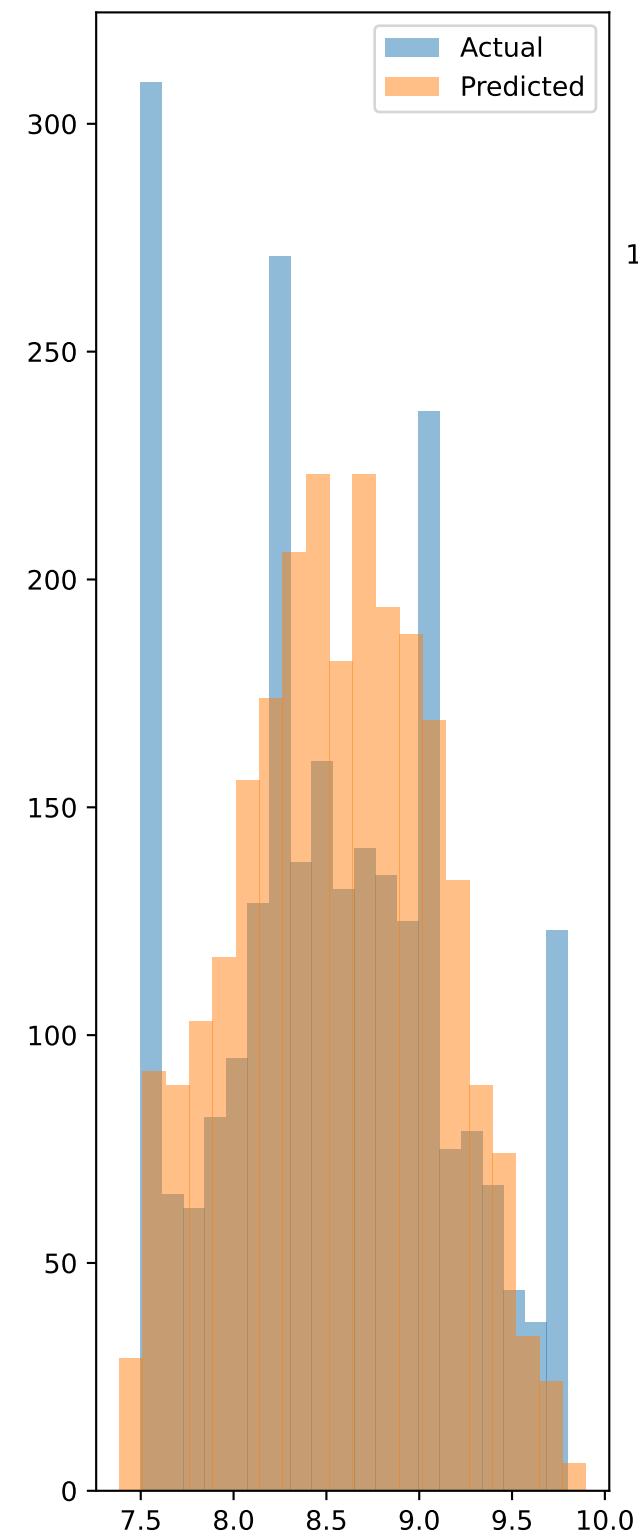
Distribution XGB model for
Calcium, Total
Black group
R2 score: 0.66
Wasserstein Distance: 0.11



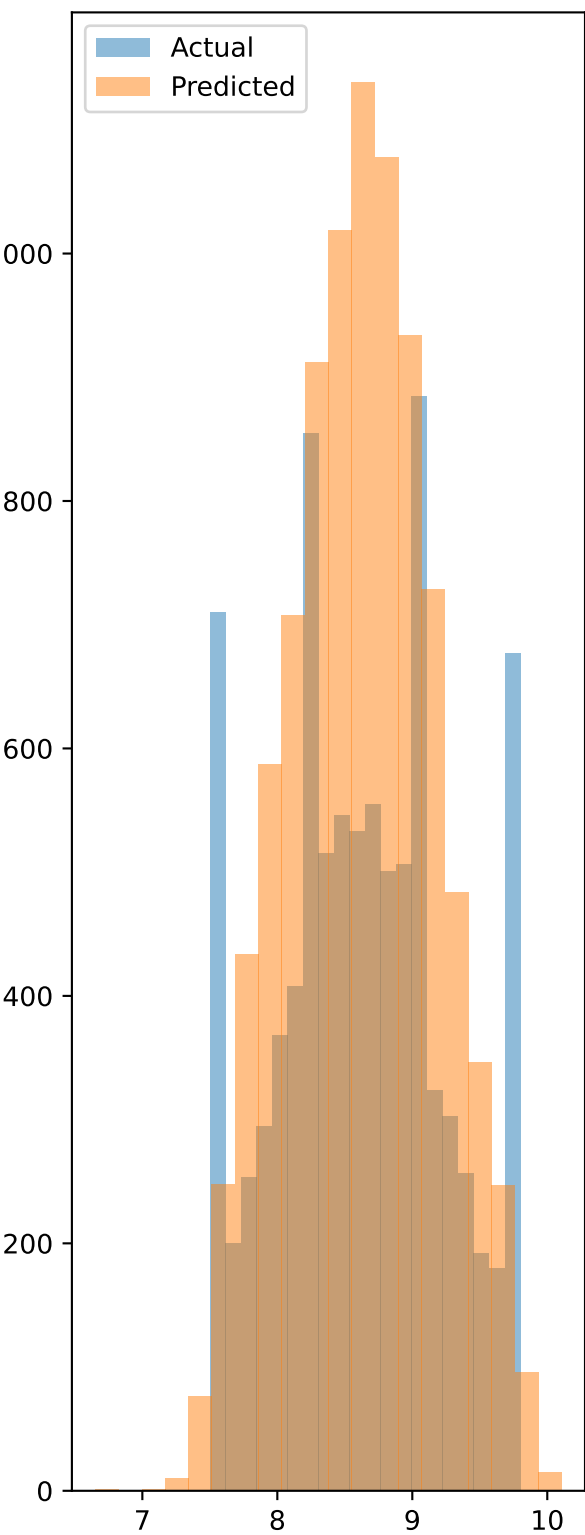
Distribution XGB model for
Calcium, Total
Hispanic group
R2 score: 0.68
Wasserstein Distance: 0.10



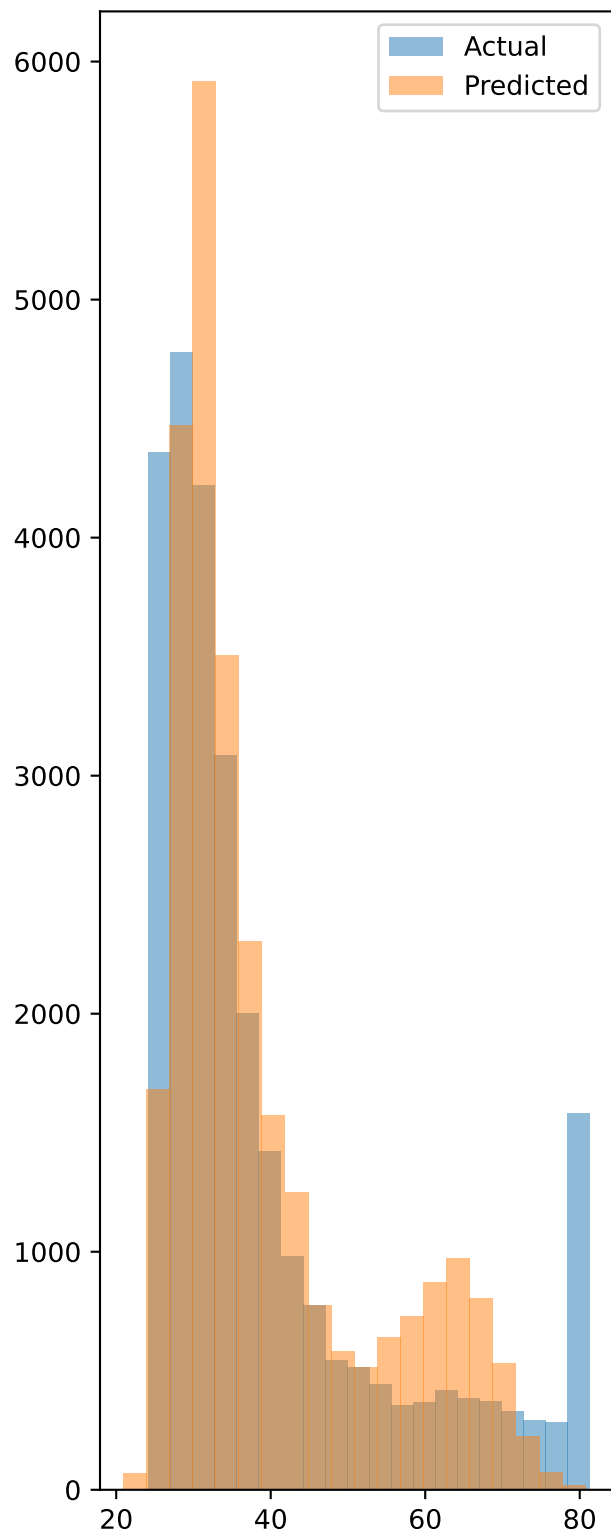
Distribution XGB model for
Calcium, Total
Asian group
R2 score: 0.71
Wasserstein Distance: 0.10



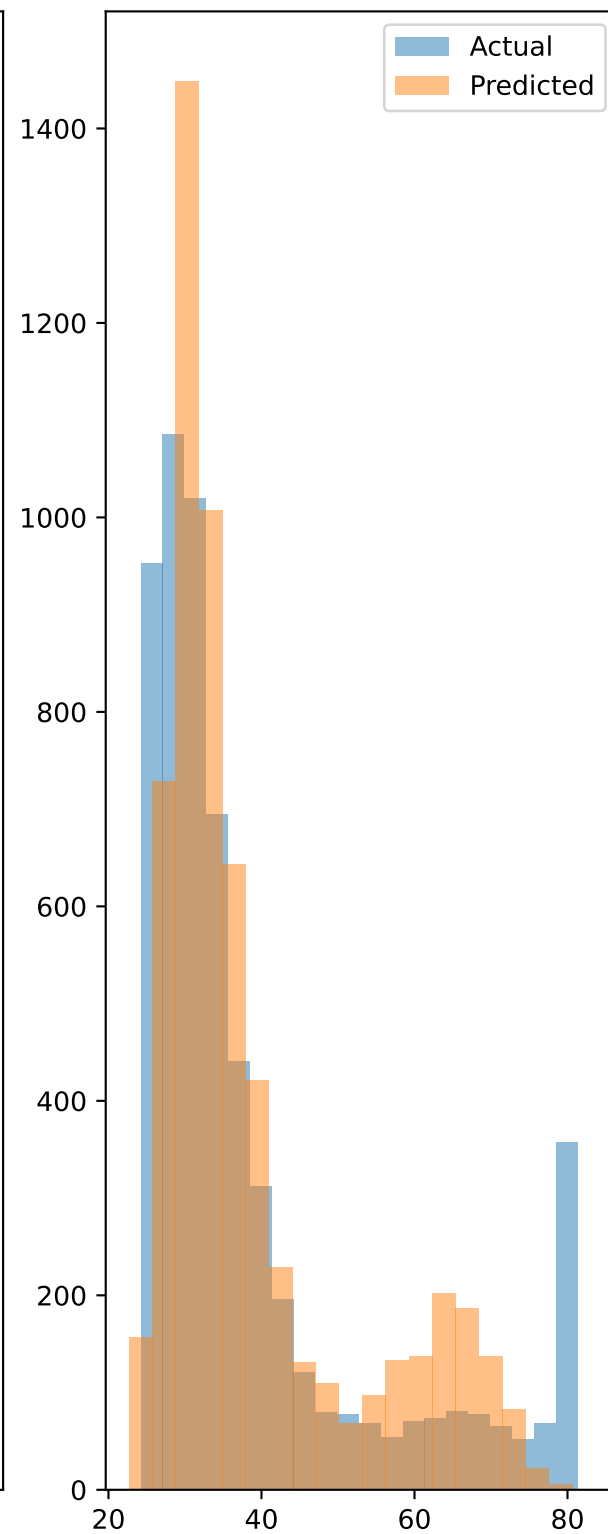
Distribution XGB model for
Calcium, Total
Others group
R2 score: 0.71
Wasserstein Distance: 0.09



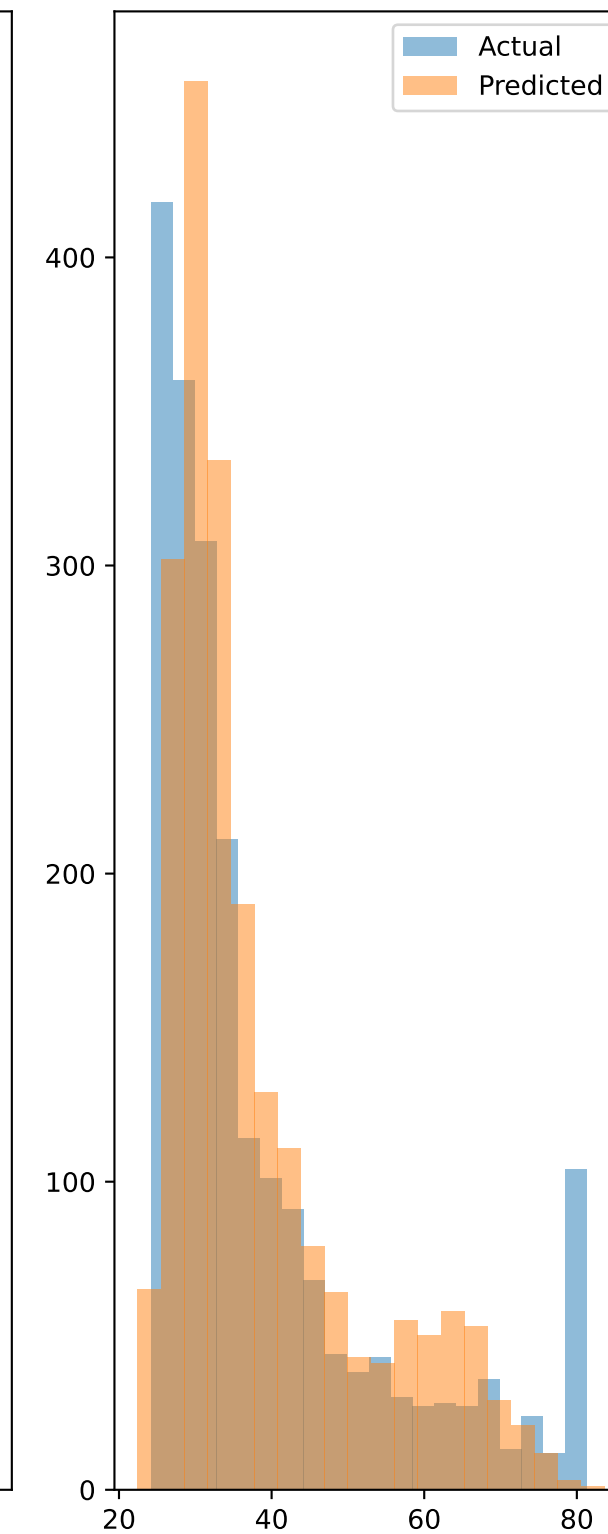
Distribution XGB model for
PTT
White group
R2 score: 0.65
Wasserstein Distance: 2.29



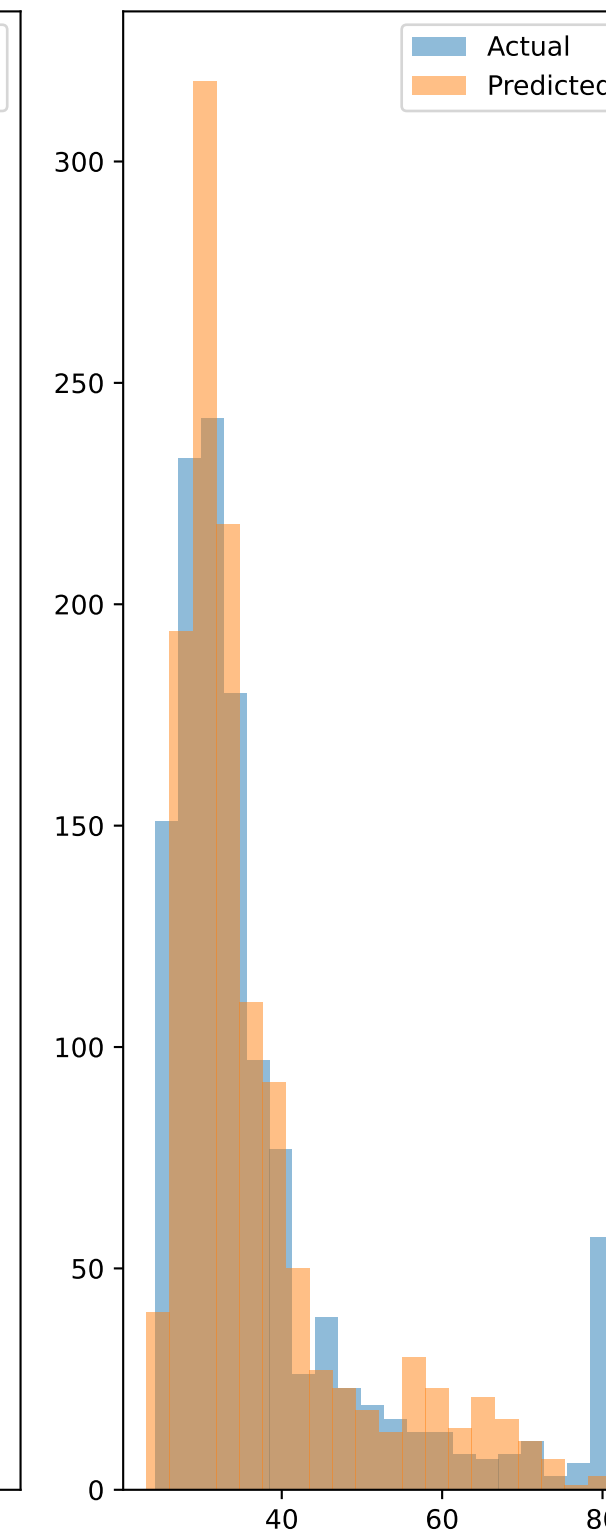
Distribution XGB model for
PTT
Black group
R2 score: 0.66
Wasserstein Distance: 2.23



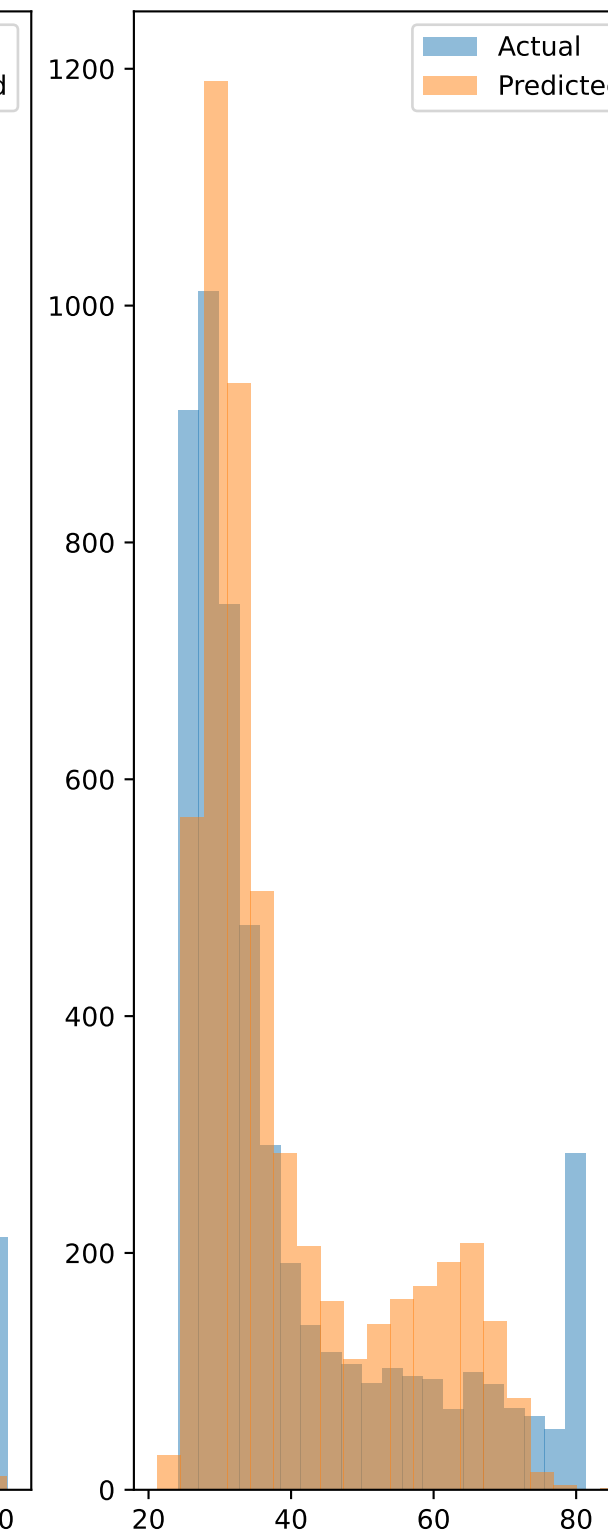
Distribution XGB model for
PTT
Hispanic group
R2 score: 0.65
Wasserstein Distance: 2.07



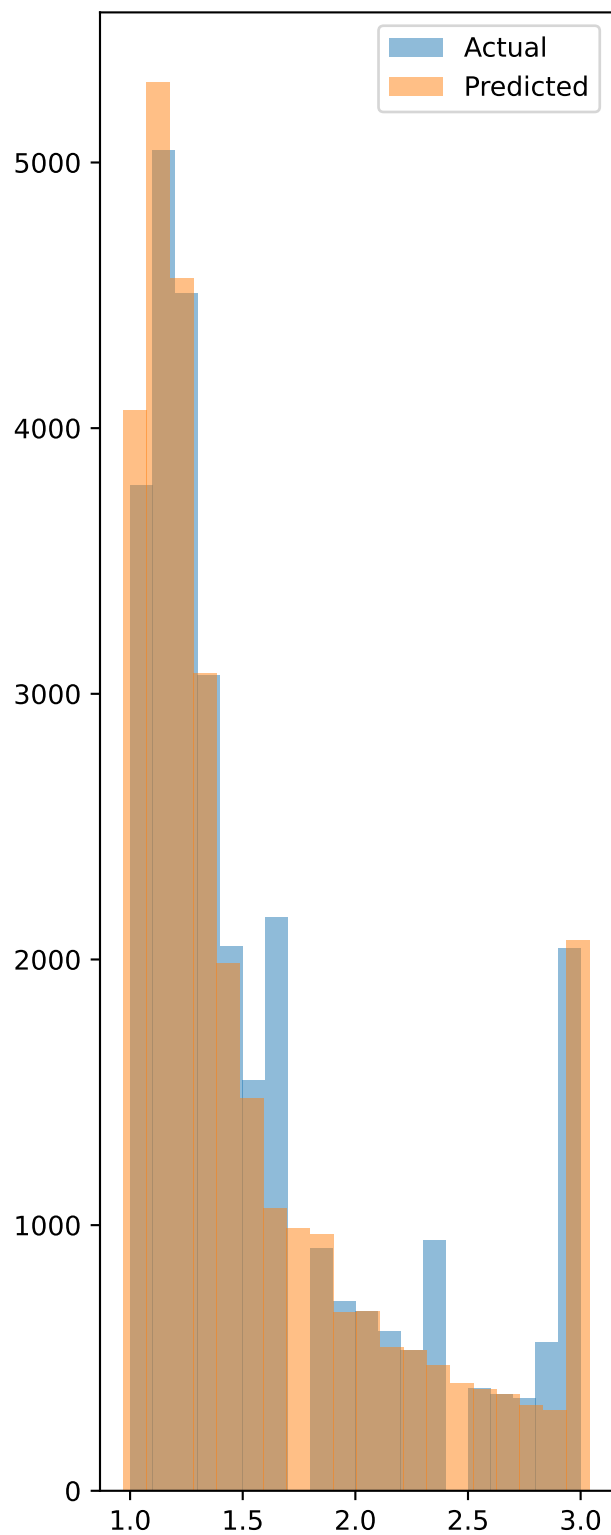
Distribution XGB model for
PTT
Asian group
R2 score: 0.65
Wasserstein Distance: 1.43



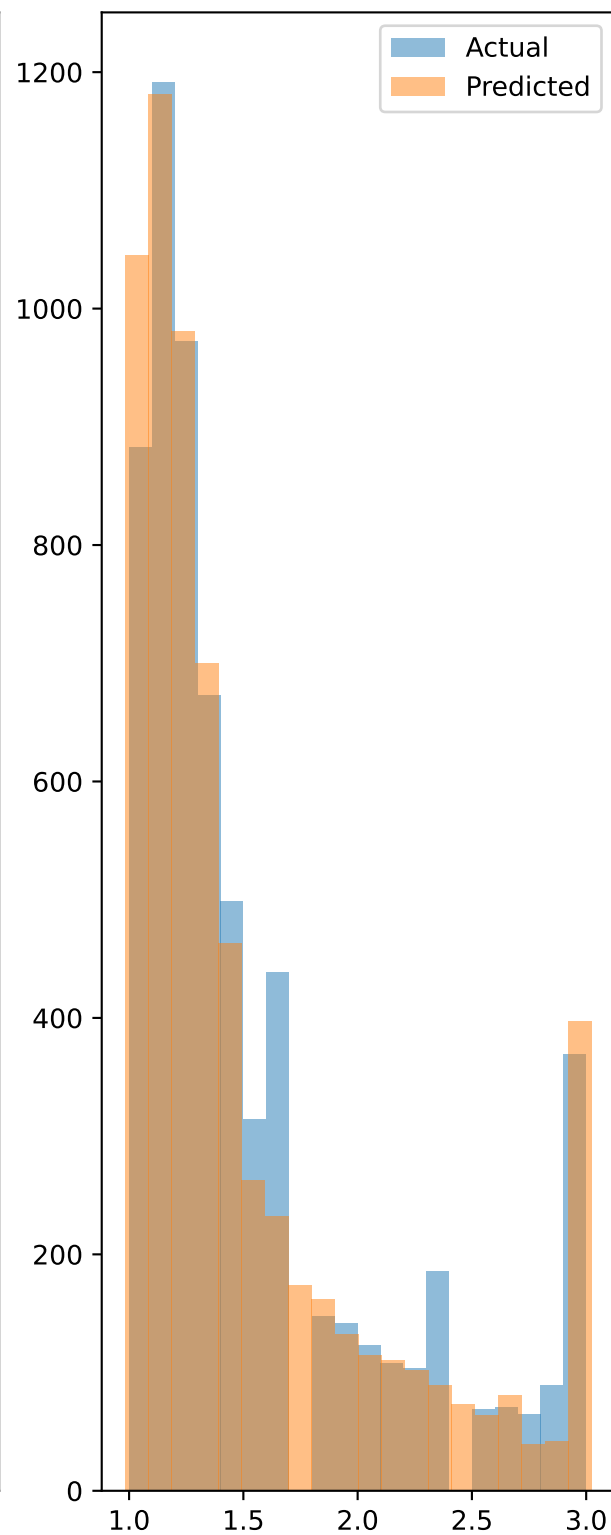
Distribution XGB model for
PTT
Others group
R2 score: 0.70
Wasserstein Distance: 2.37



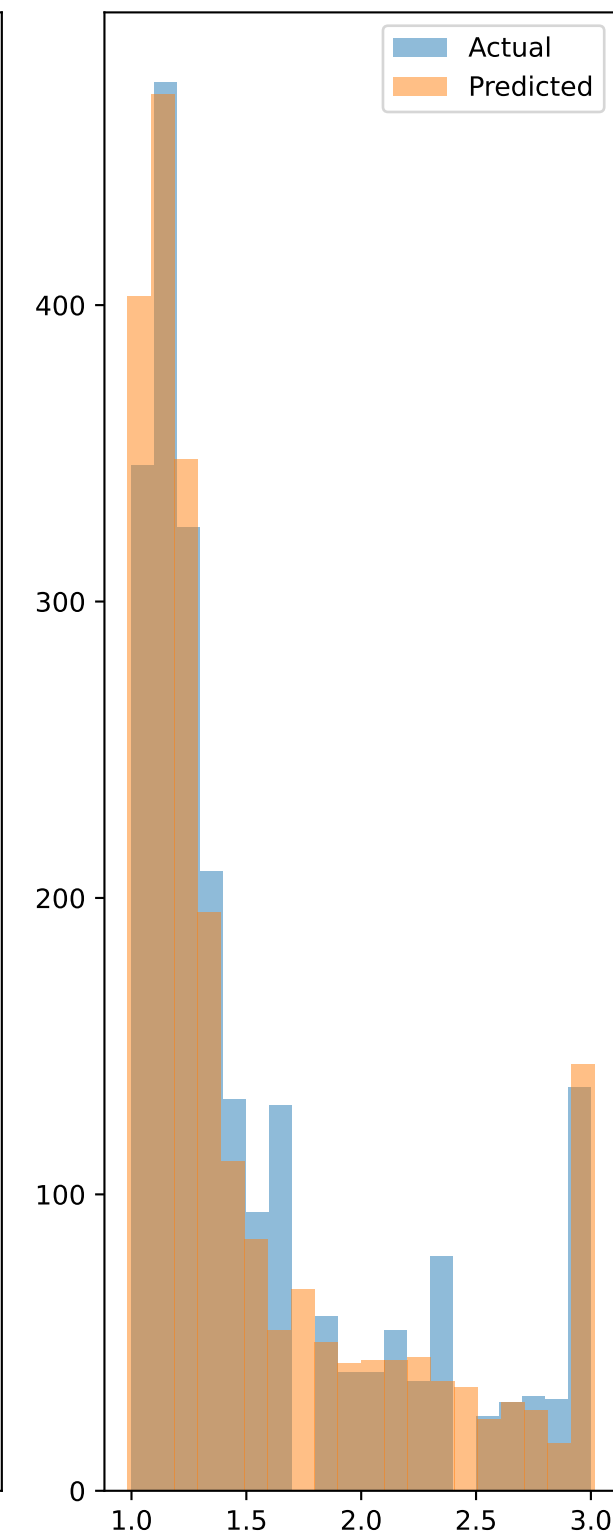
Distribution XGB model for
INR(PT)
White group
R2 score: 1.00
Wasserstein Distance: 0.02



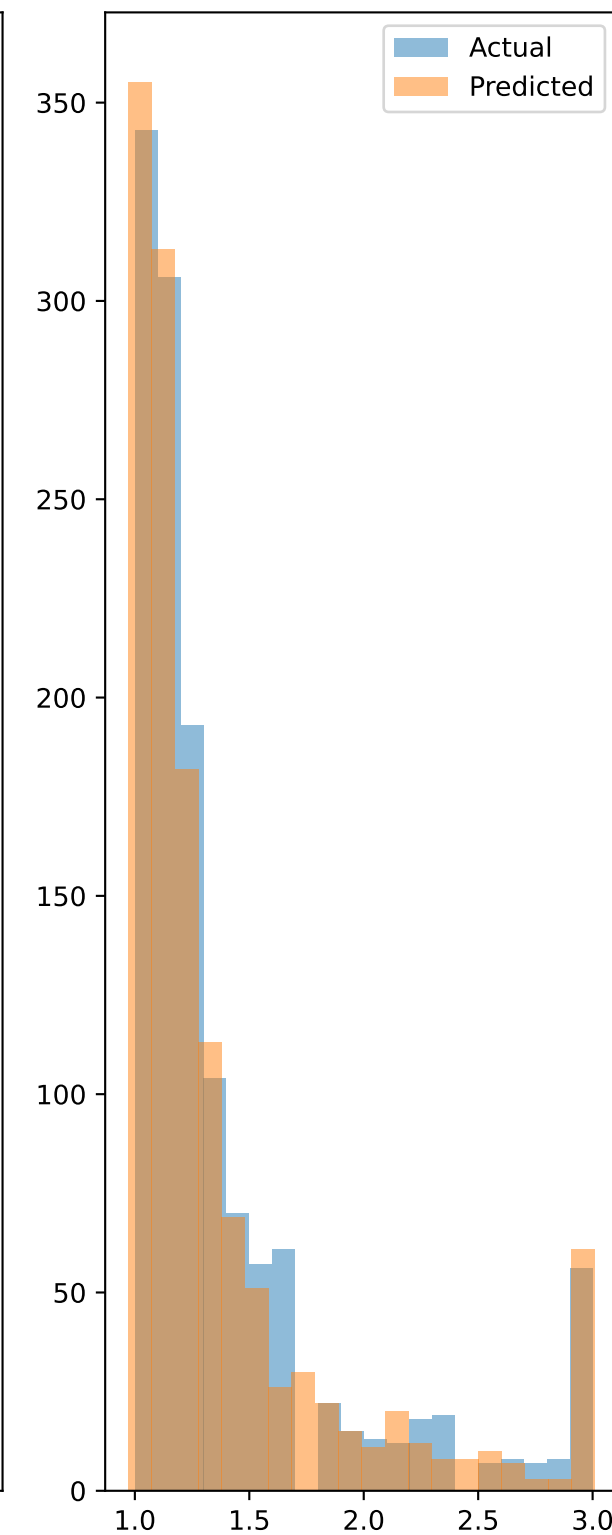
Distribution XGB model for
INR(PT)
Black group
R2 score: 1.00
Wasserstein Distance: 0.02



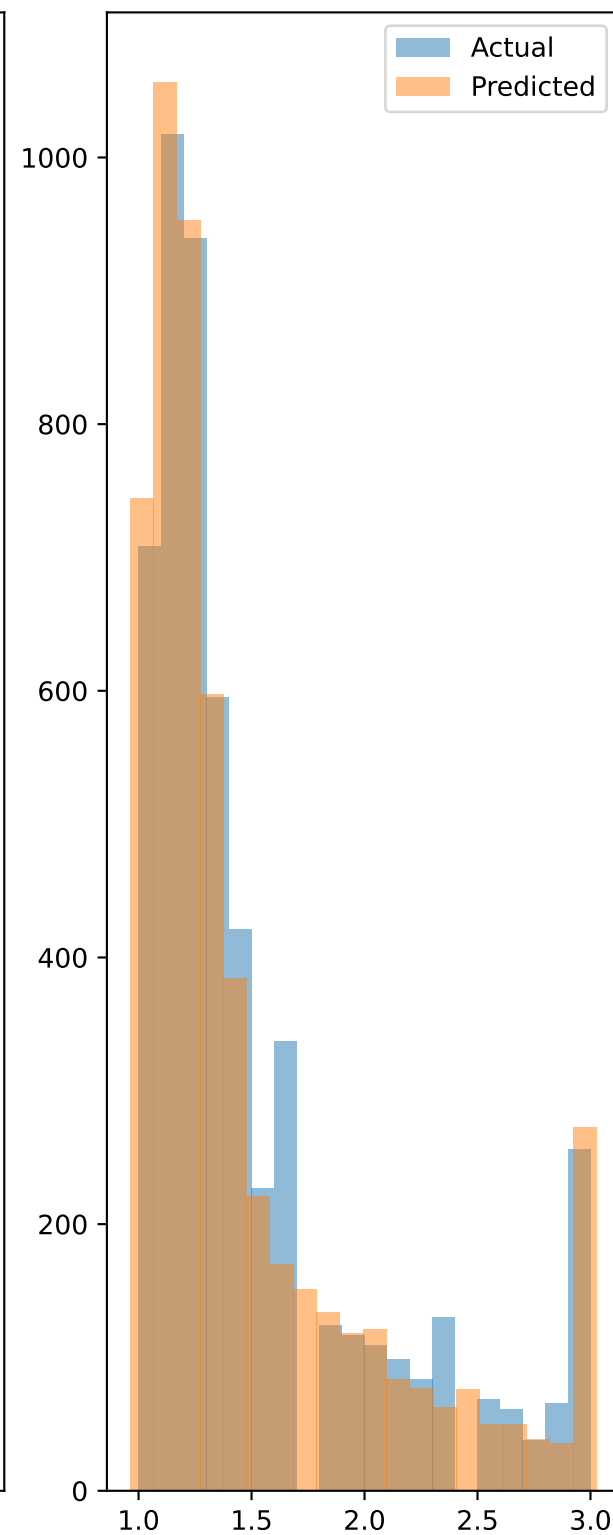
Distribution XGB model for
INR(PT)
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.02



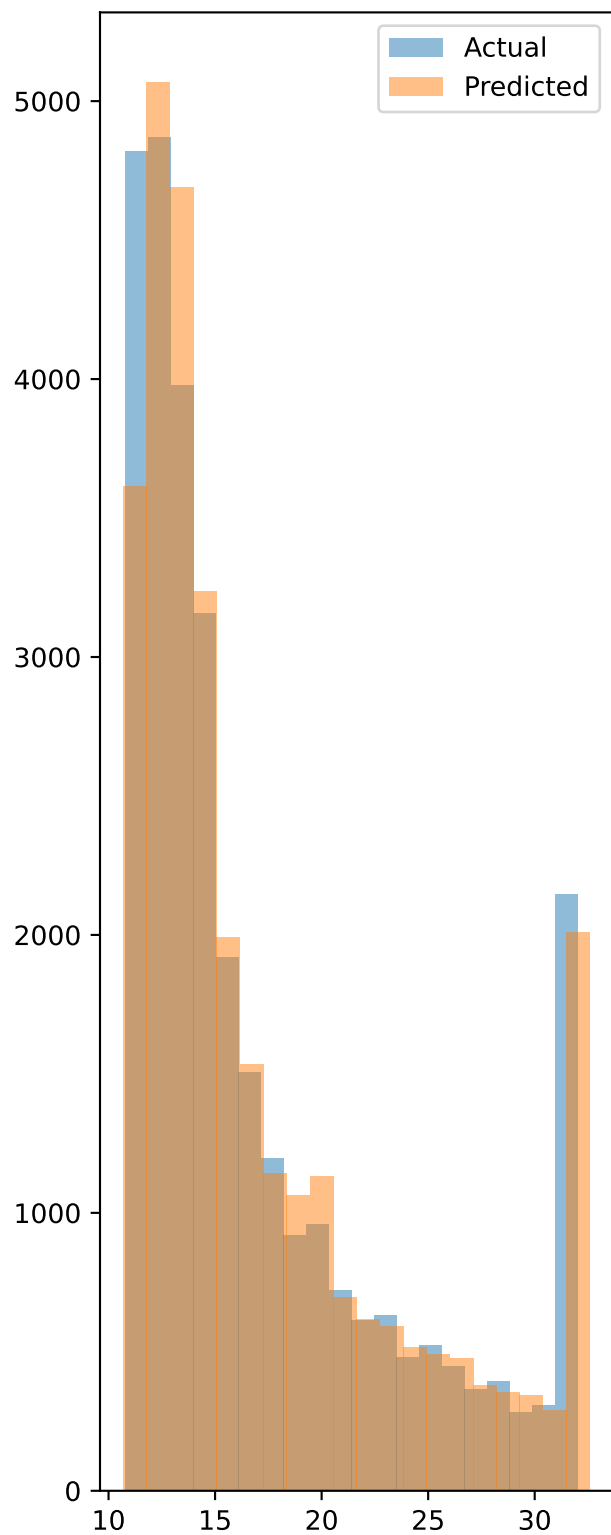
Distribution XGB model for
INR(PT)
Asian group
R2 score: 1.00
Wasserstein Distance: 0.01



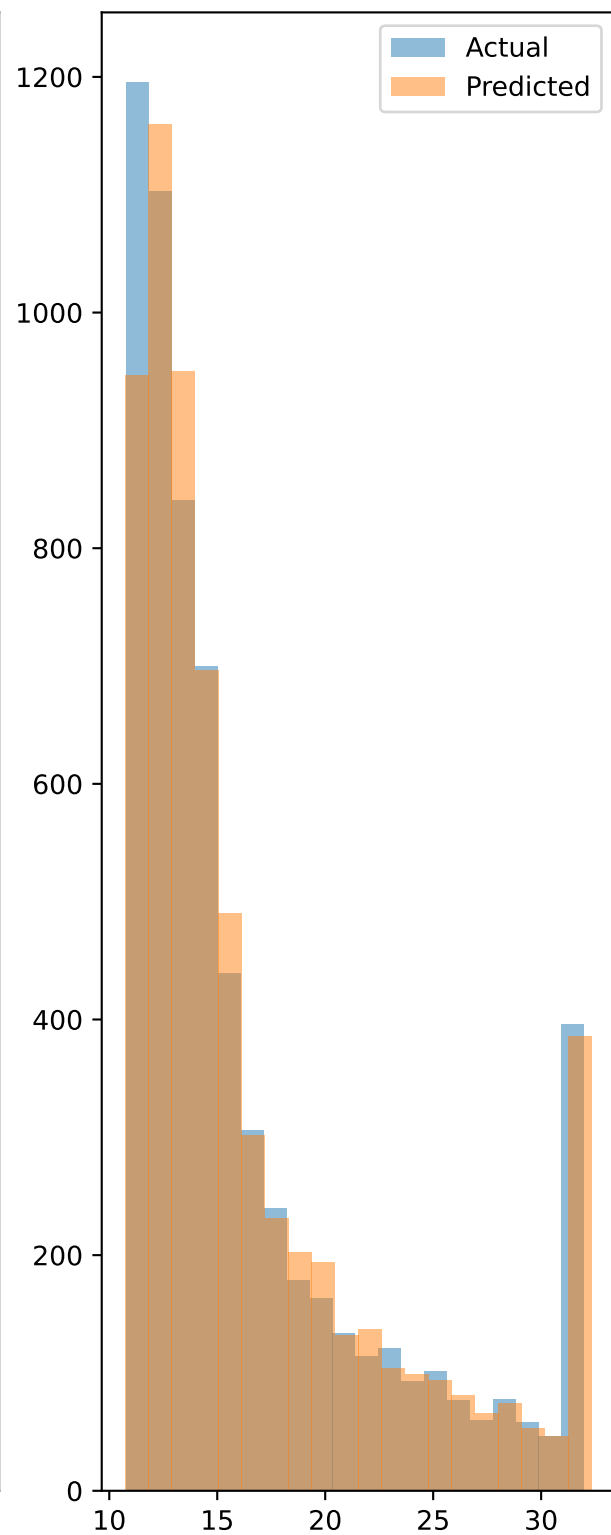
Distribution XGB model for
INR(PT)
Others group
R2 score: 1.00
Wasserstein Distance: 0.01



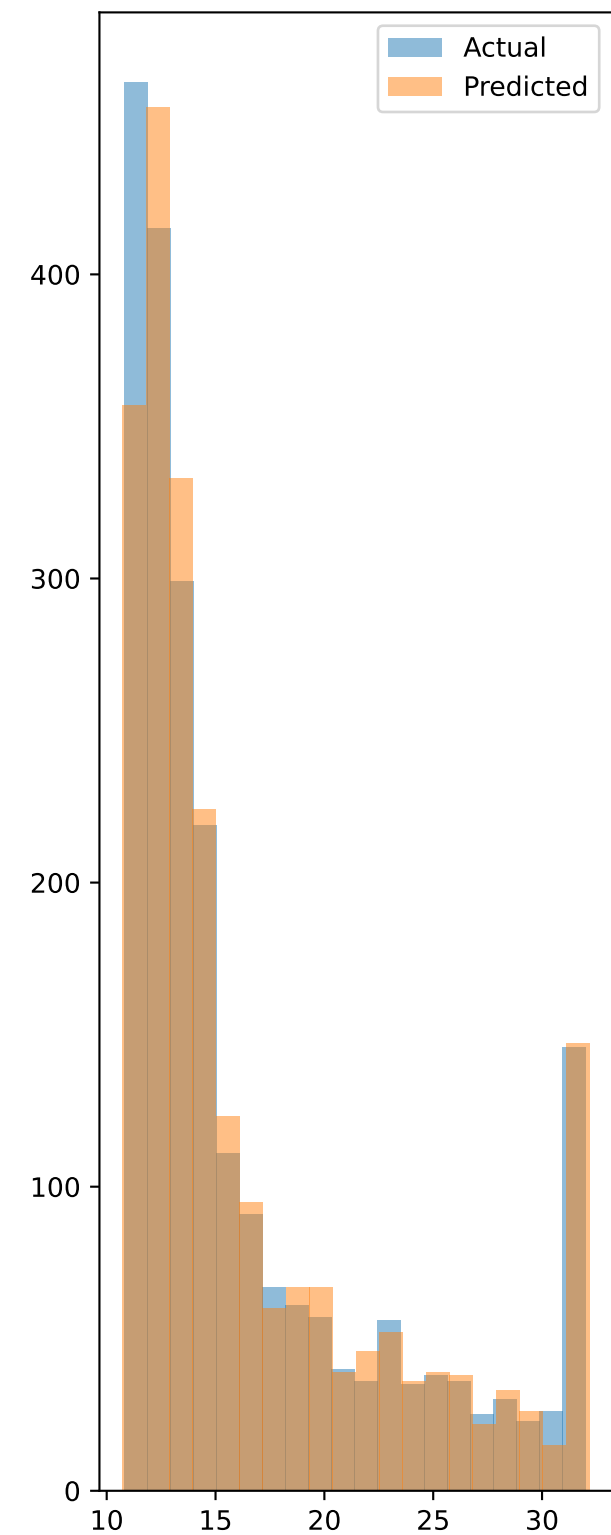
Distribution XGB model for
PT
White group
R2 score: 1.00
Wasserstein Distance: 0.10



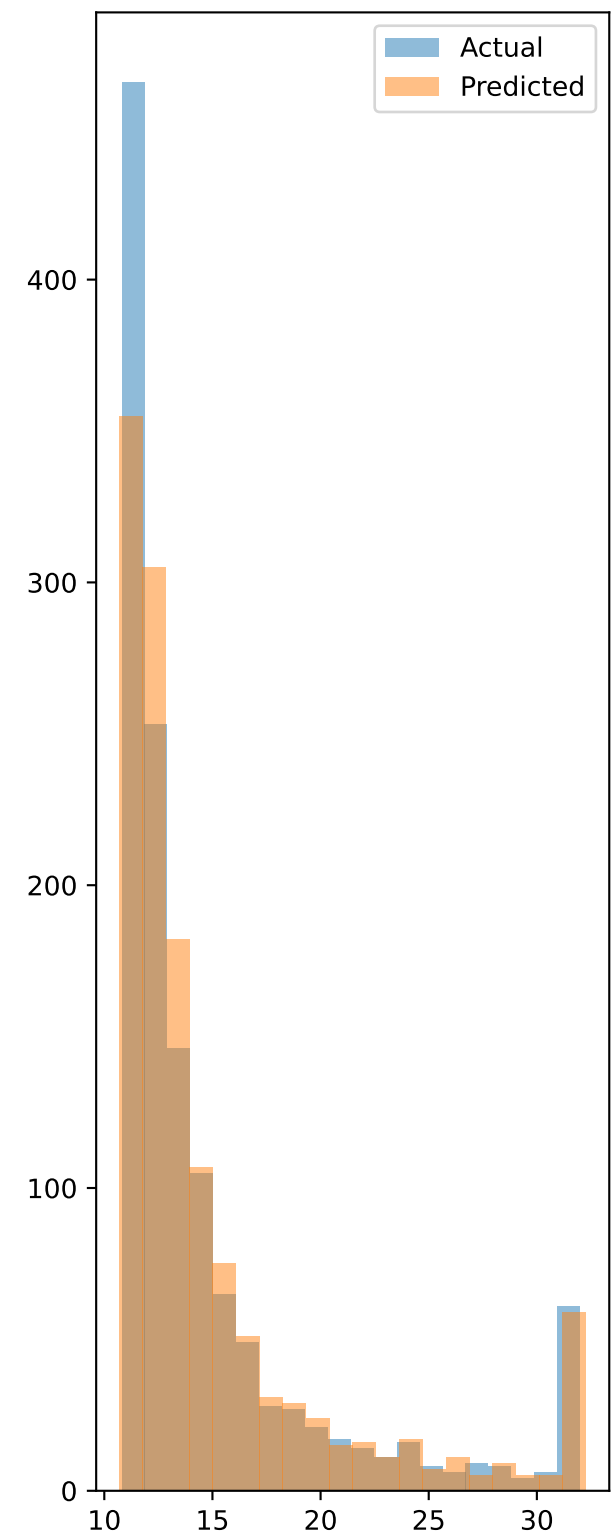
Distribution XGB model for
PT
Black group
R2 score: 1.00
Wasserstein Distance: 0.11



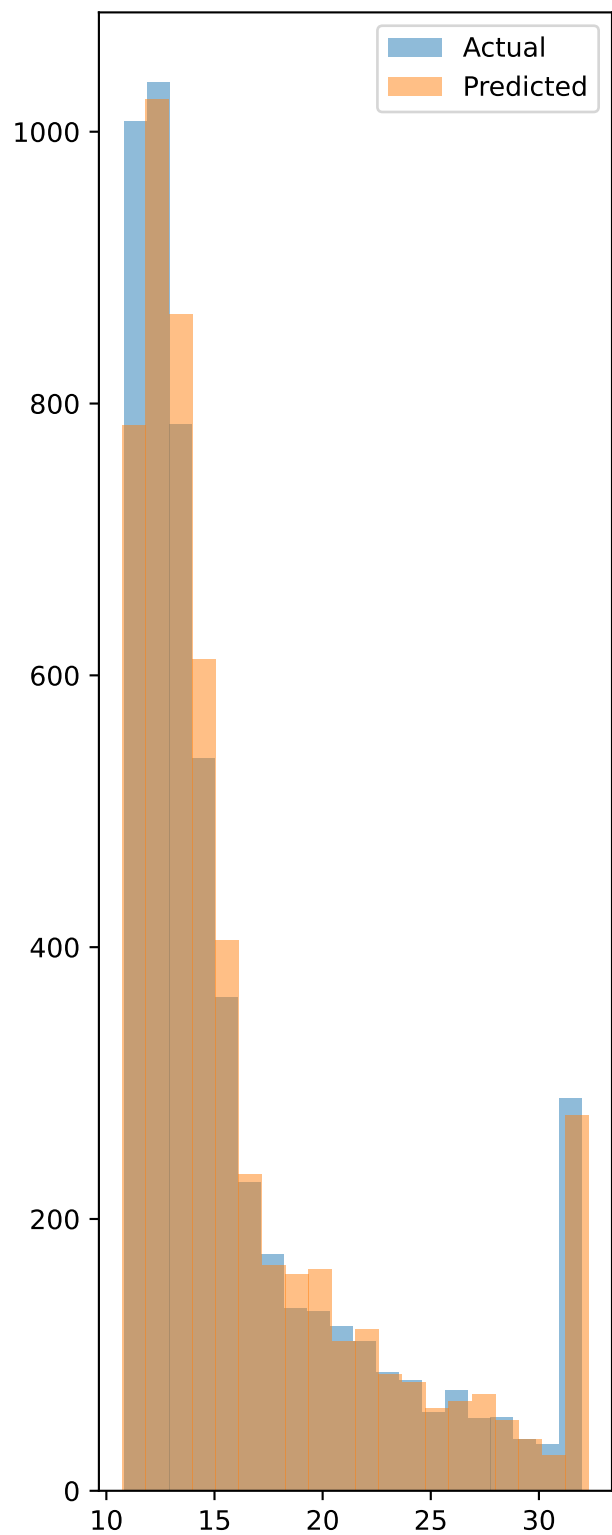
Distribution XGB model for
PT
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.11



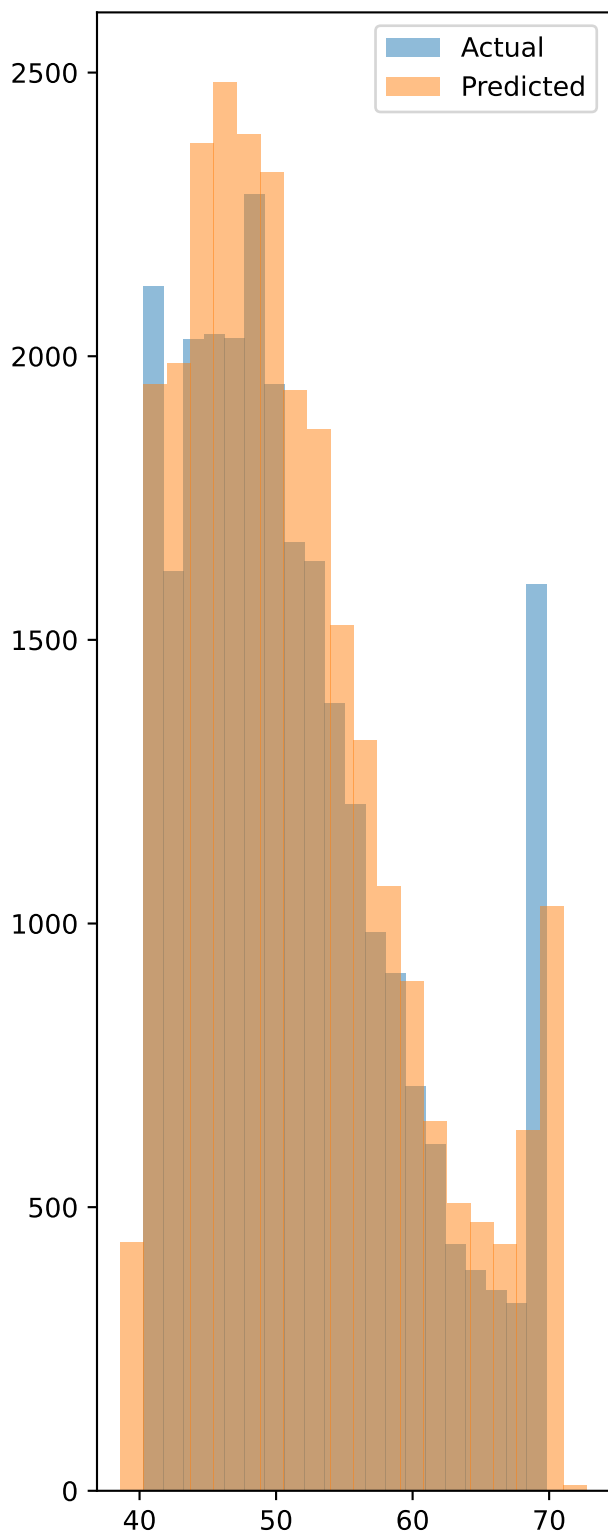
Distribution XGB model for
PT
Asian group
R2 score: 1.00
Wasserstein Distance: 0.12



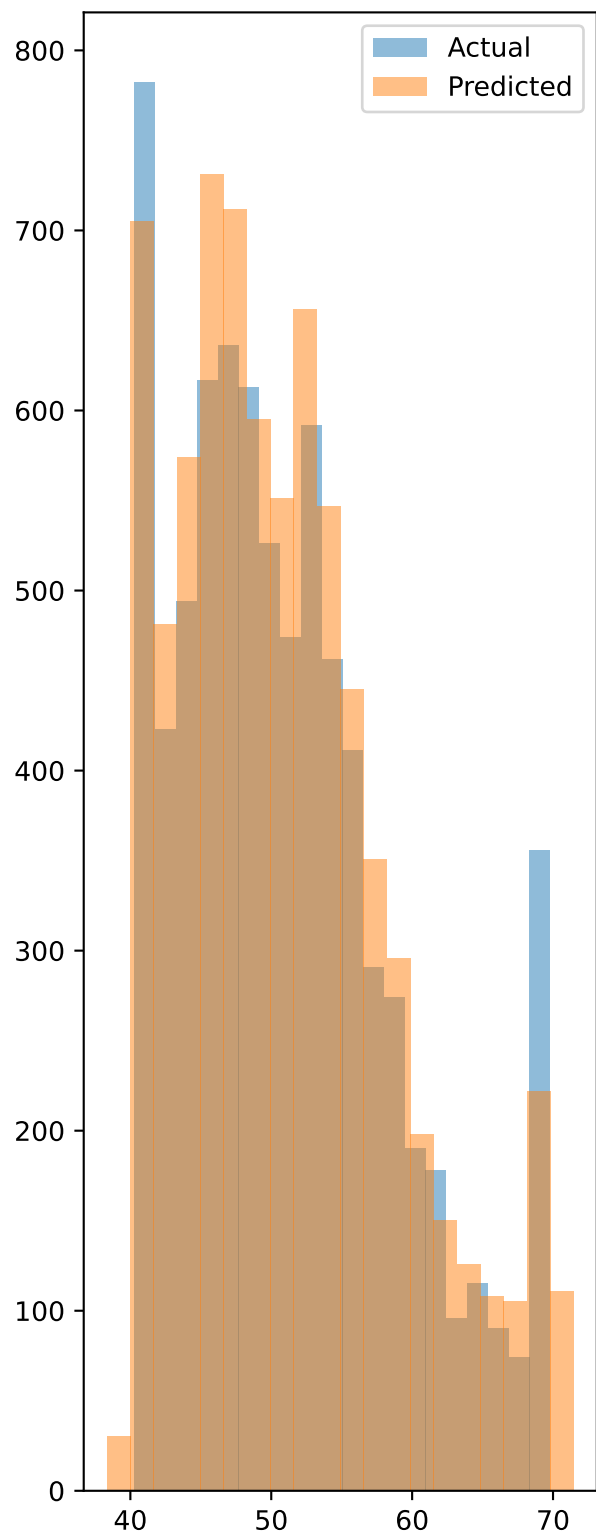
Distribution XGB model for
PT
Others group
R2 score: 1.00
Wasserstein Distance: 0.12



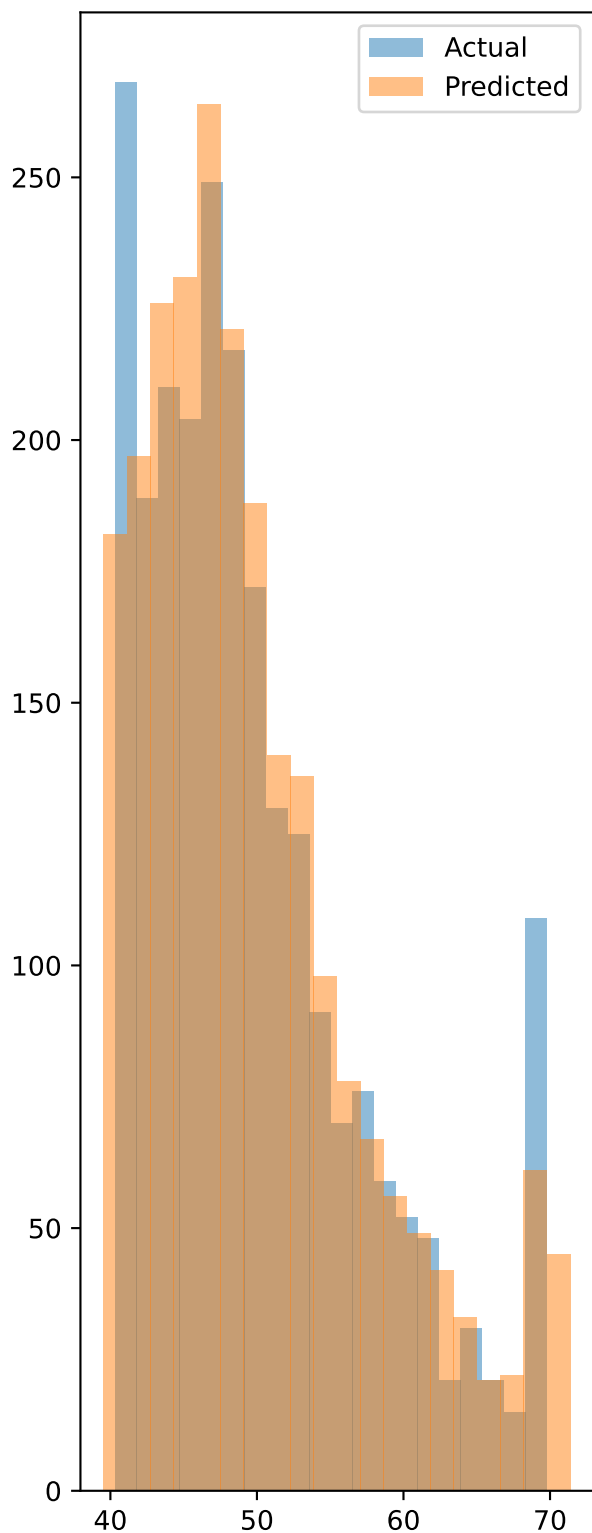
Distribution XGB model for
RDW-SD
White group
R2 score: 0.99
Wasserstein Distance: 0.08



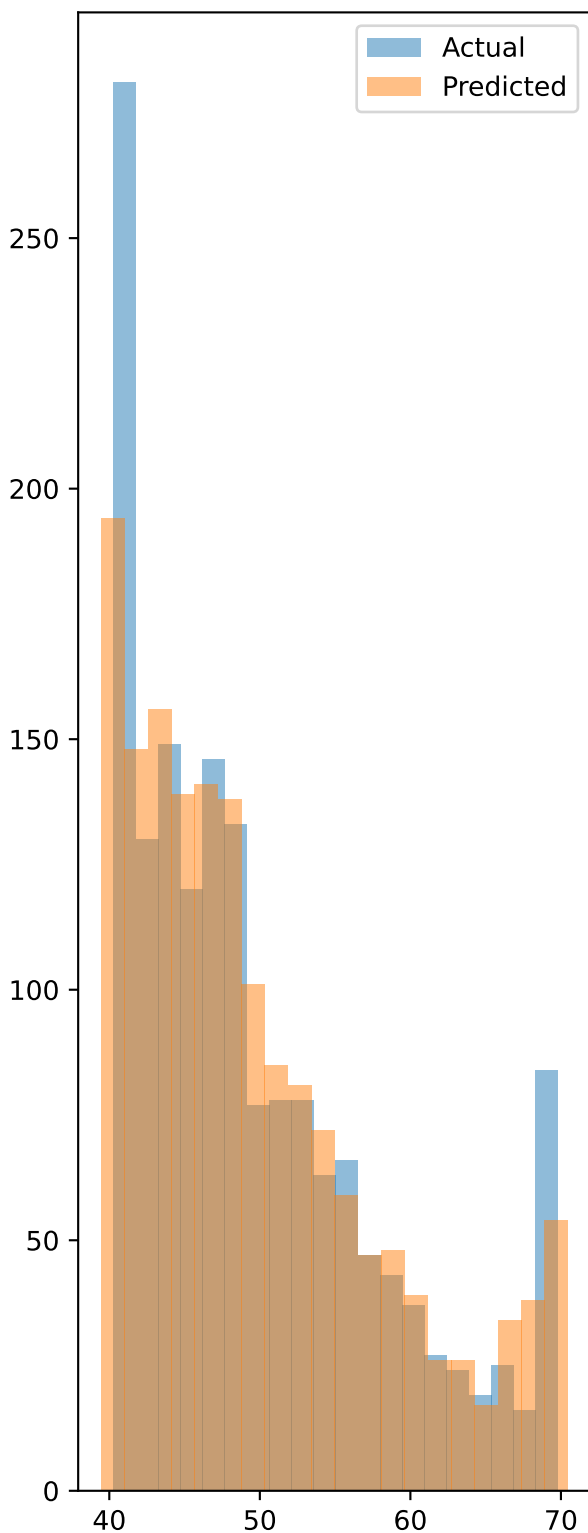
Distribution XGB model for
RDW-SD
Black group
R2 score: 0.98
Wasserstein Distance: 0.09



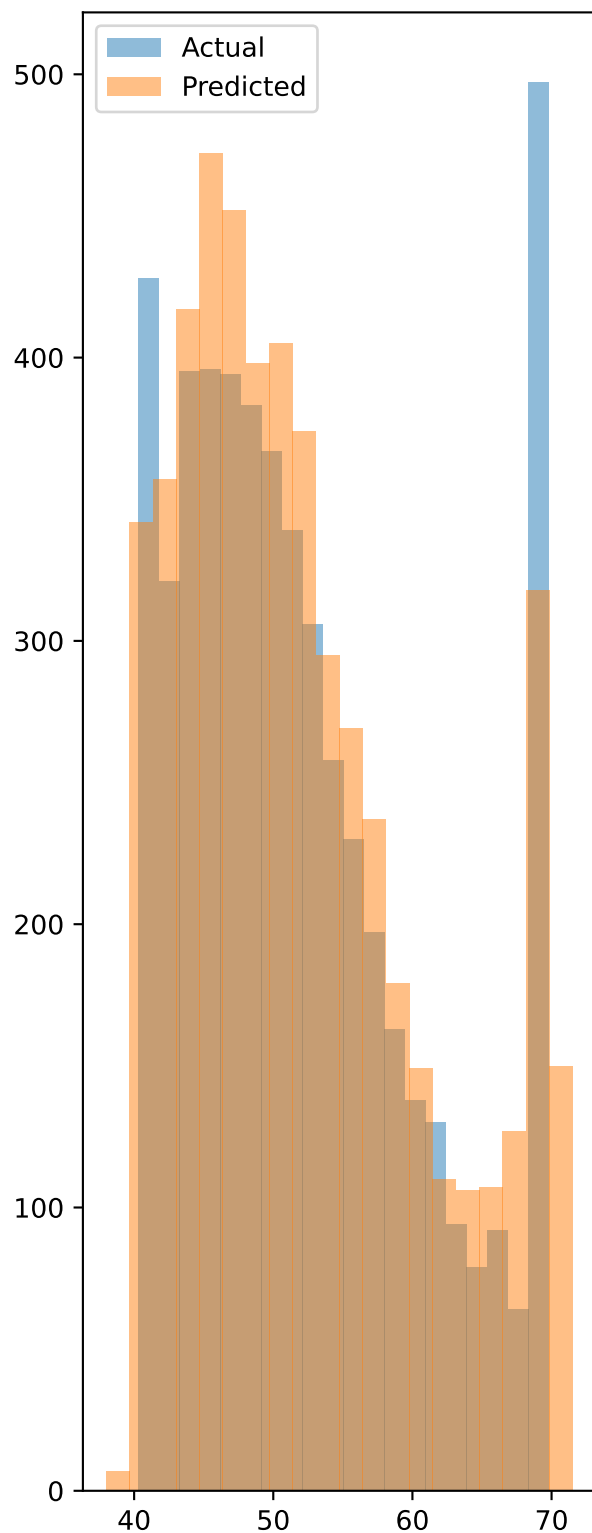
Distribution XGB model for
RDW-SD
Hispanic group
R2 score: 0.99
Wasserstein Distance: 0.11

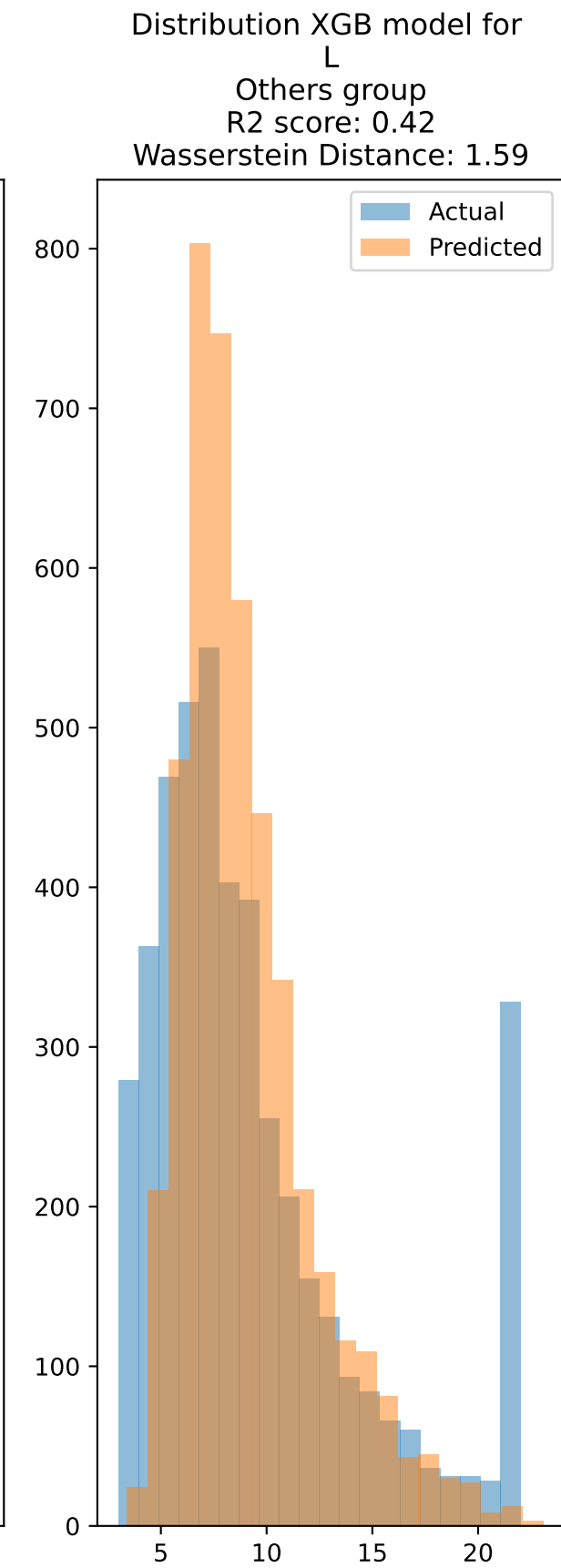
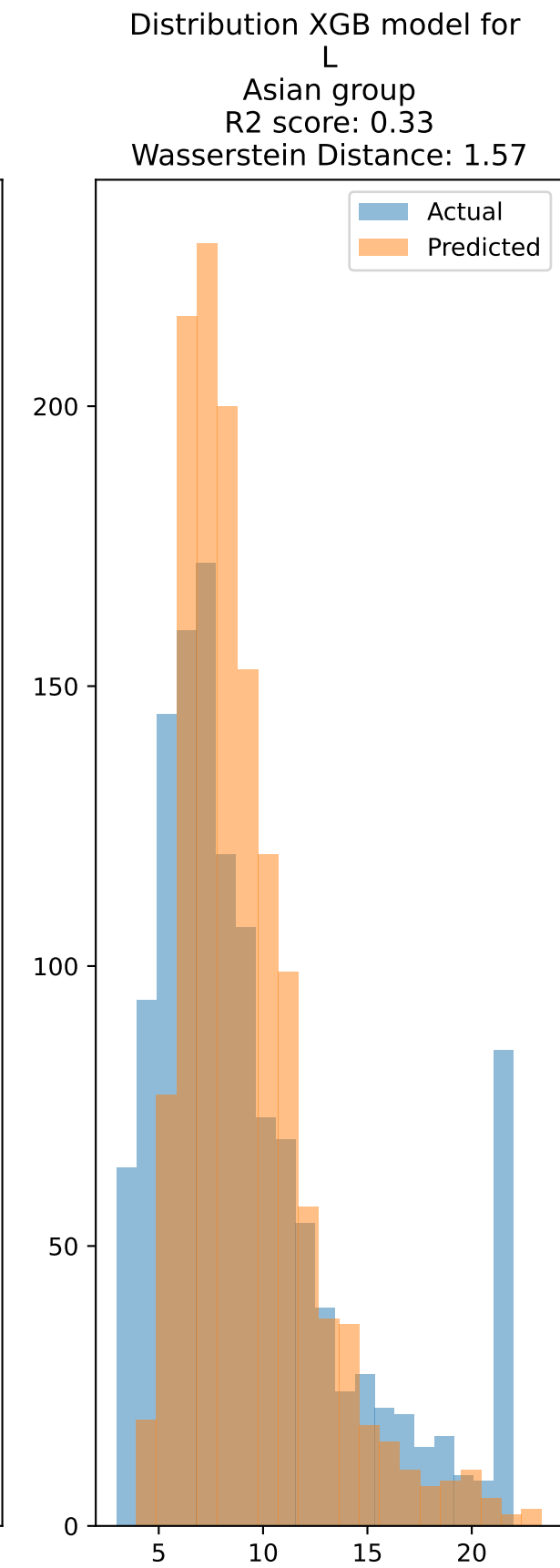
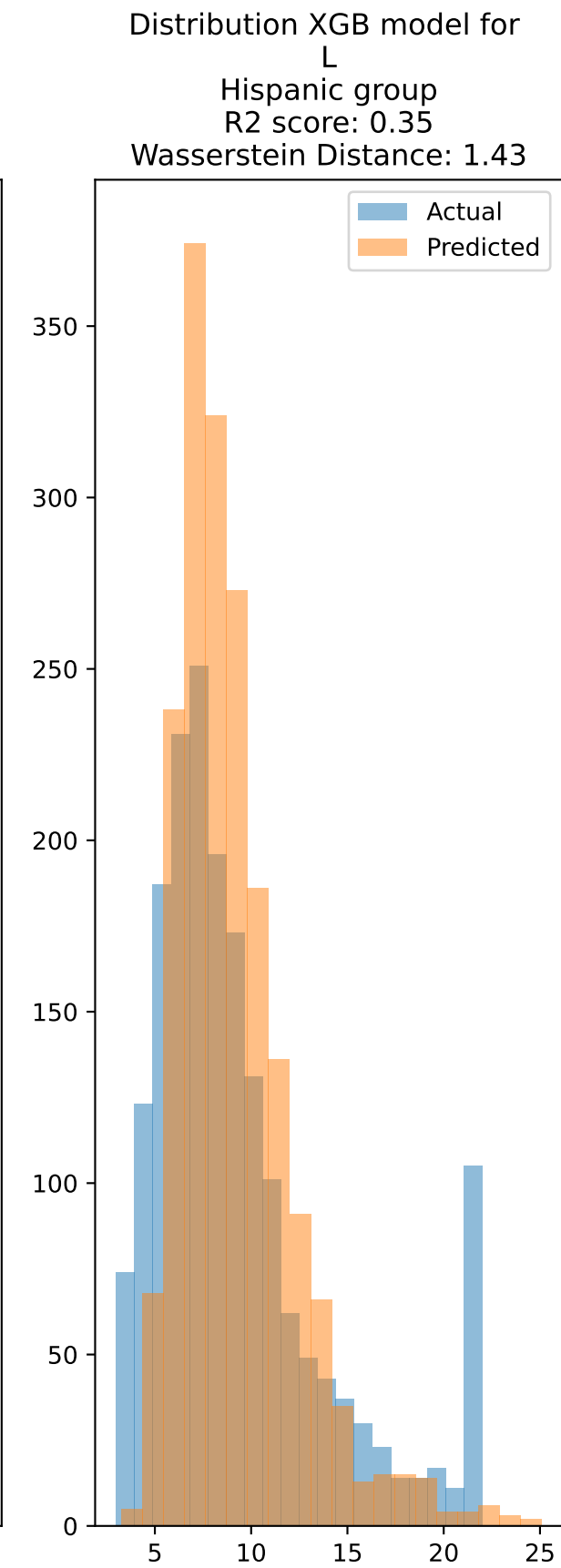
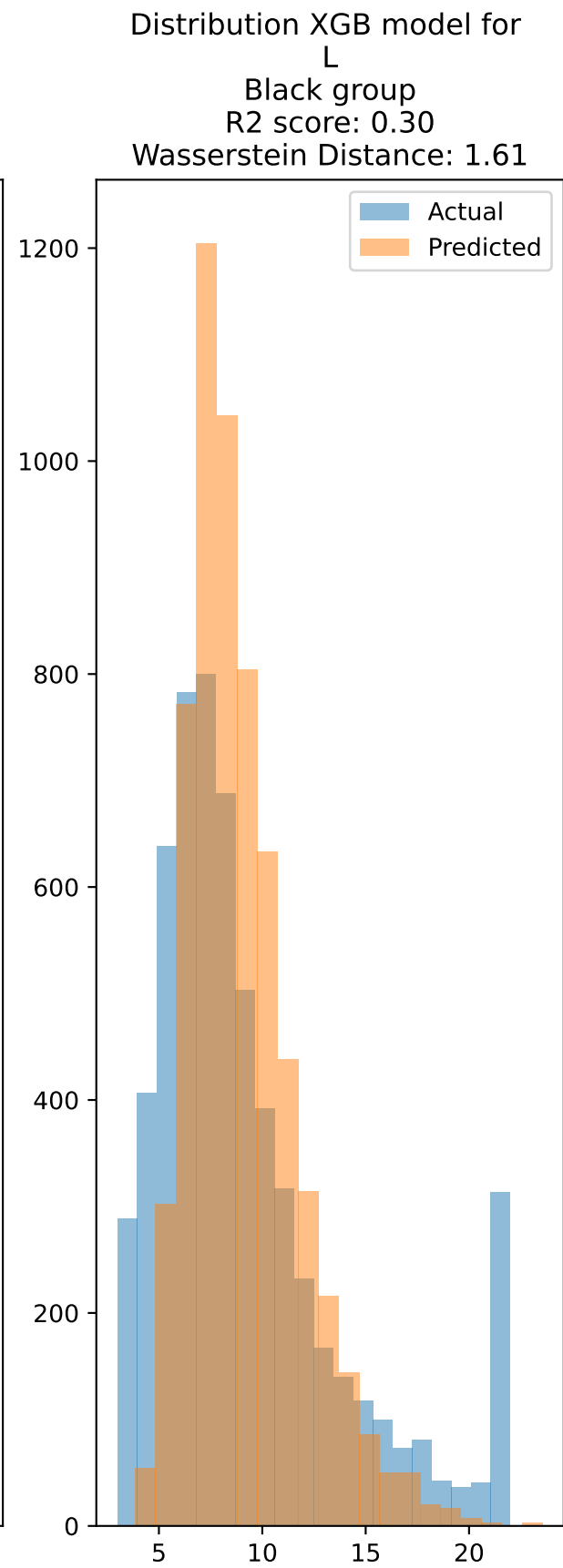
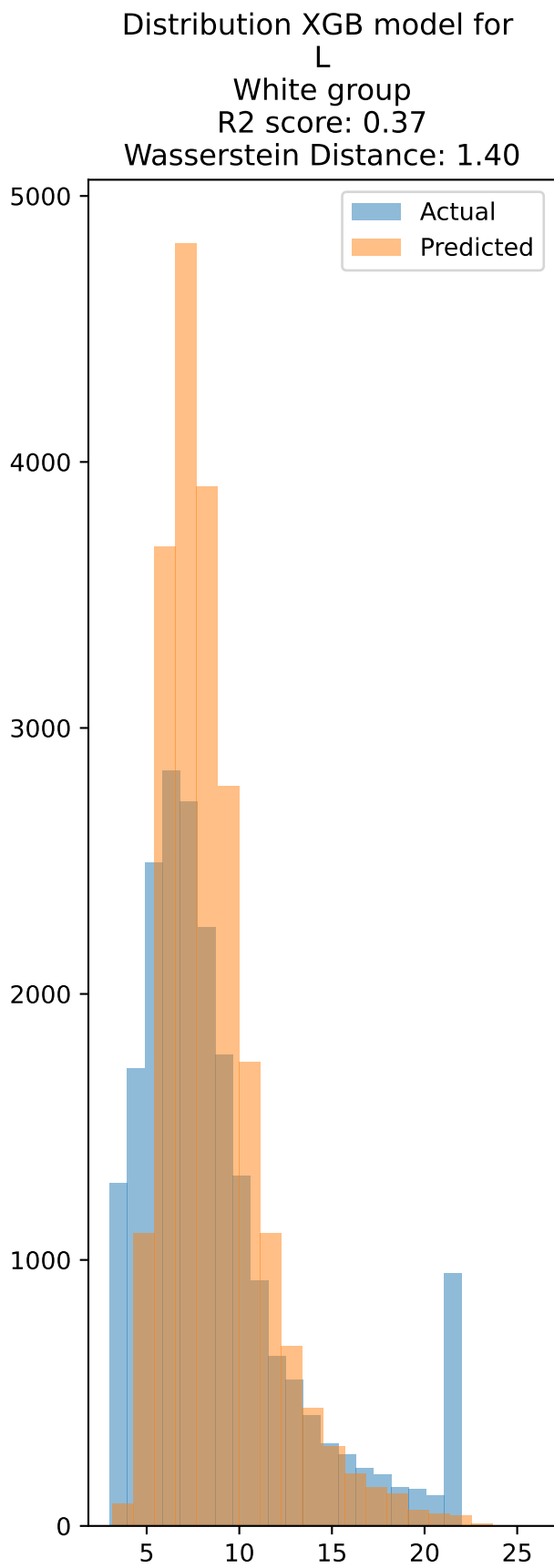


Distribution XGB model for
RDW-SD
Asian group
R2 score: 0.99
Wasserstein Distance: 0.16

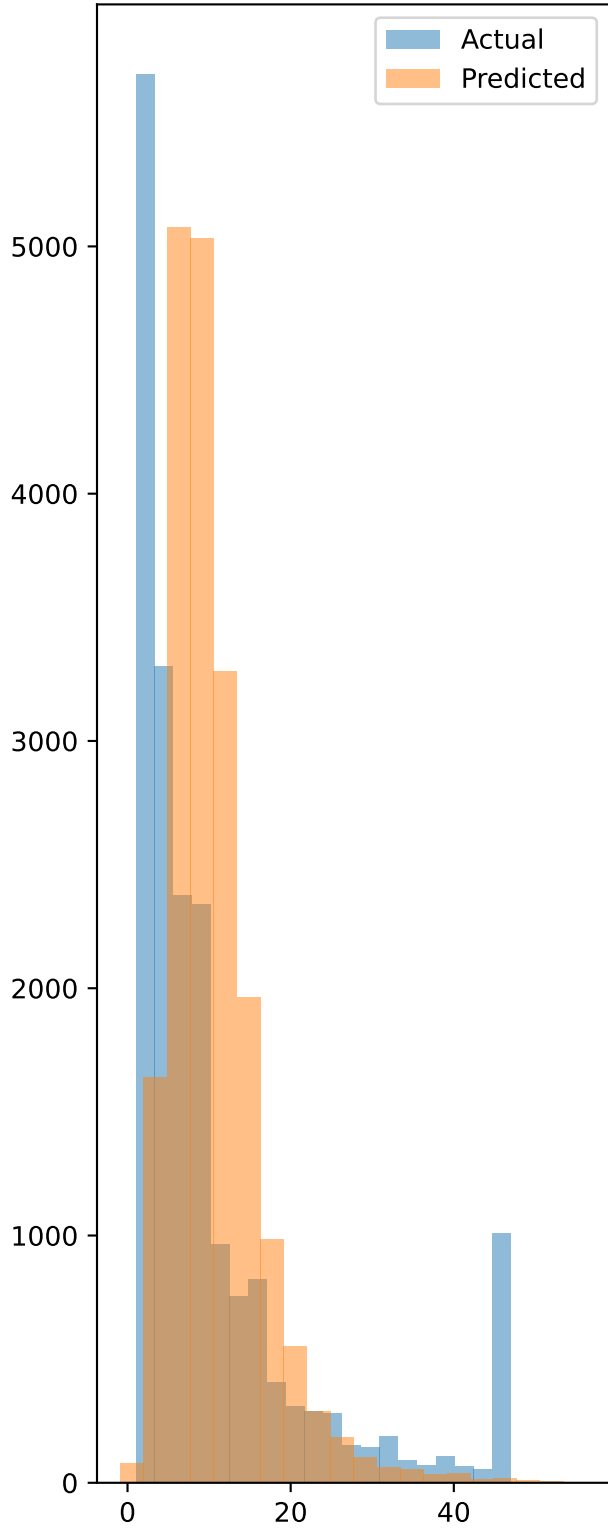


Distribution XGB model for
RDW-SD
Others group
R2 score: 0.99
Wasserstein Distance: 0.12

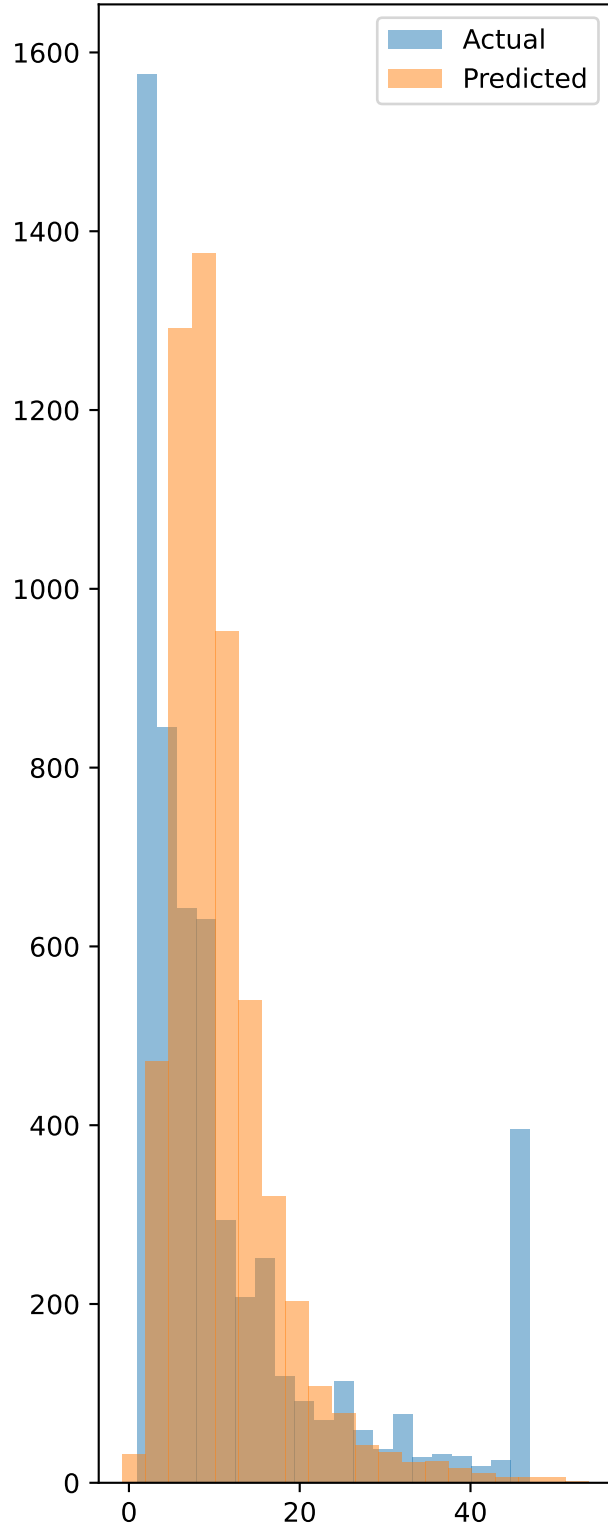




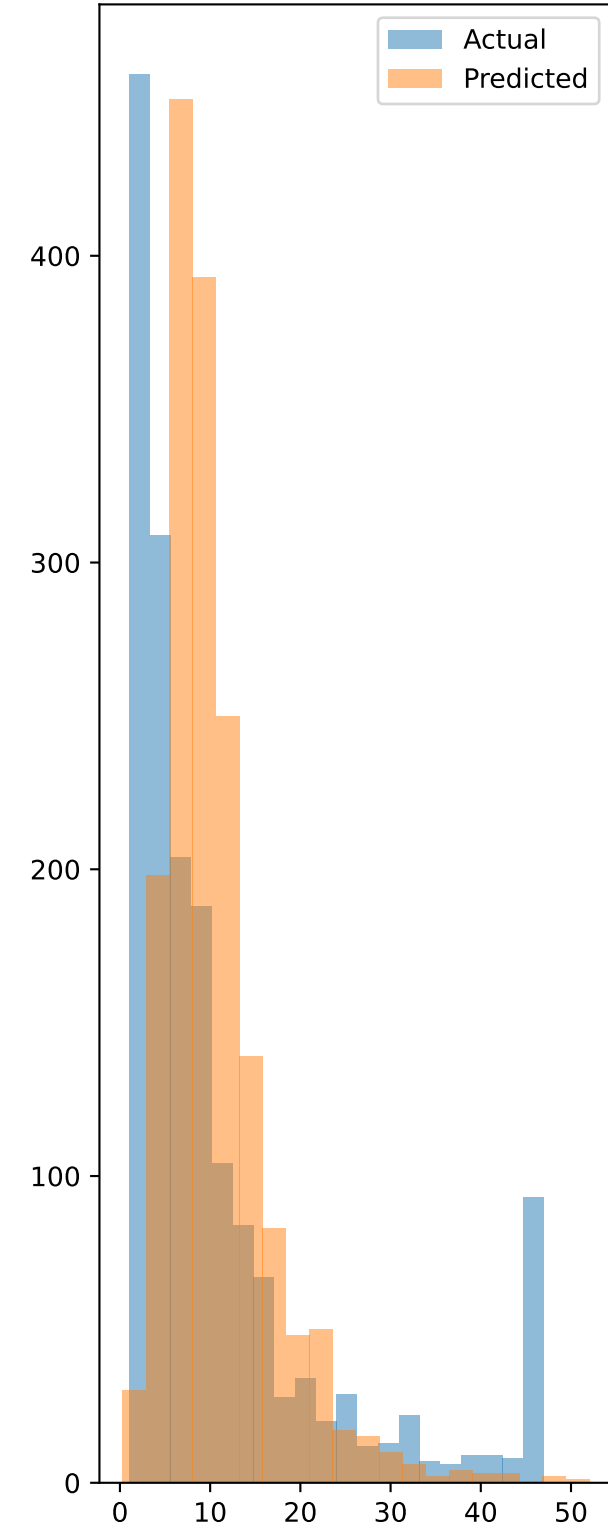
Distribution XGB model for
H
White group
R2 score: 0.27
Wasserstein Distance: 4.38



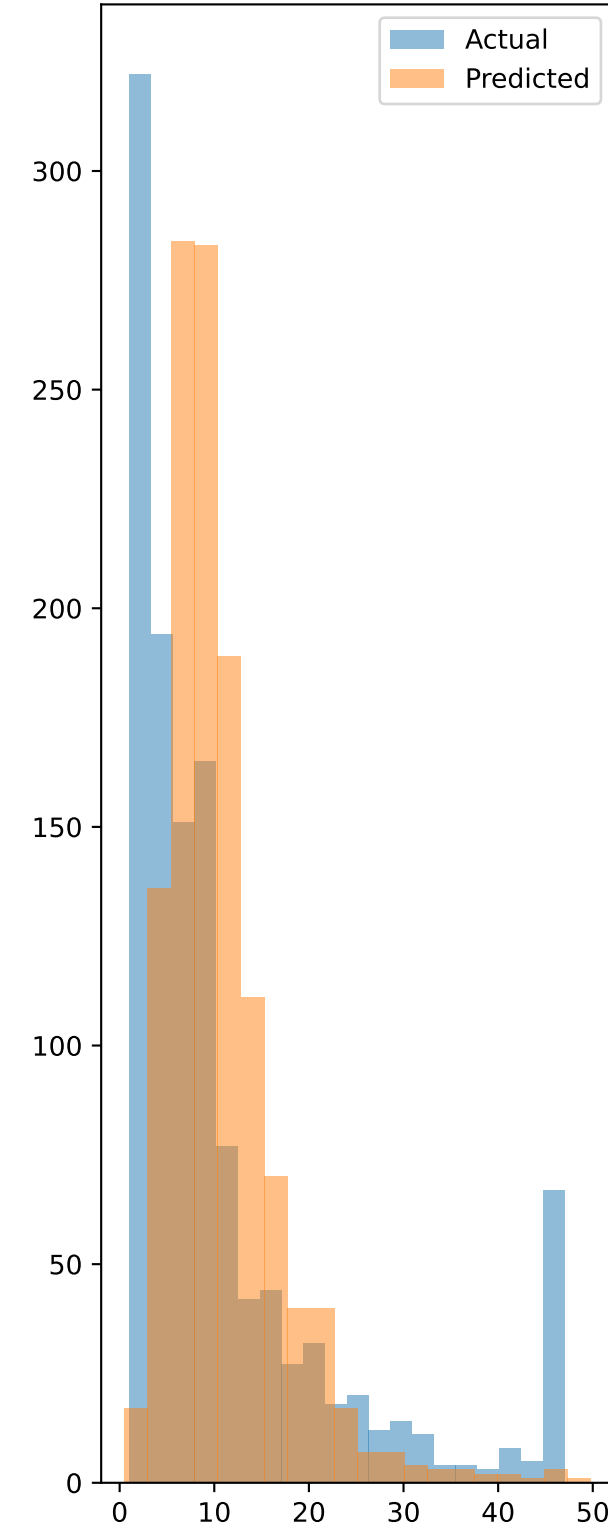
Distribution XGB model for
H
Black group
R2 score: 0.27
Wasserstein Distance: 4.70



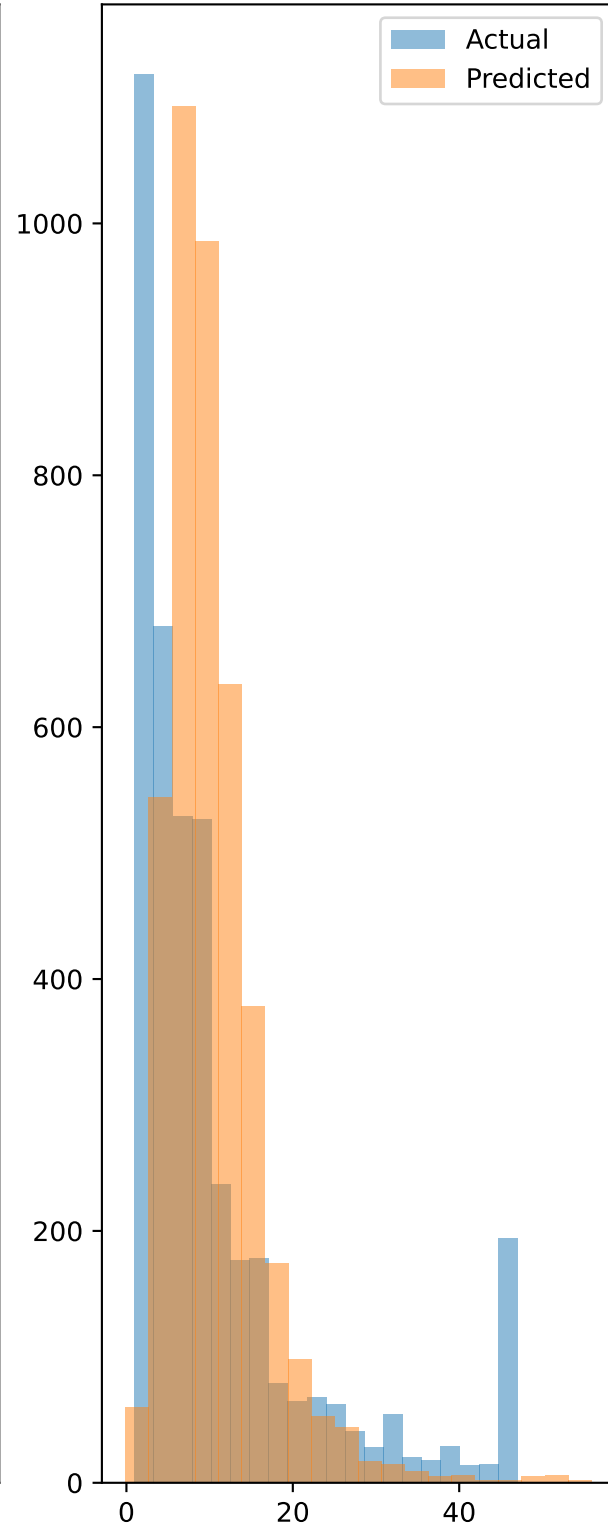
Distribution XGB model for
H
Hispanic group
R2 score: 0.27
Wasserstein Distance: 4.18



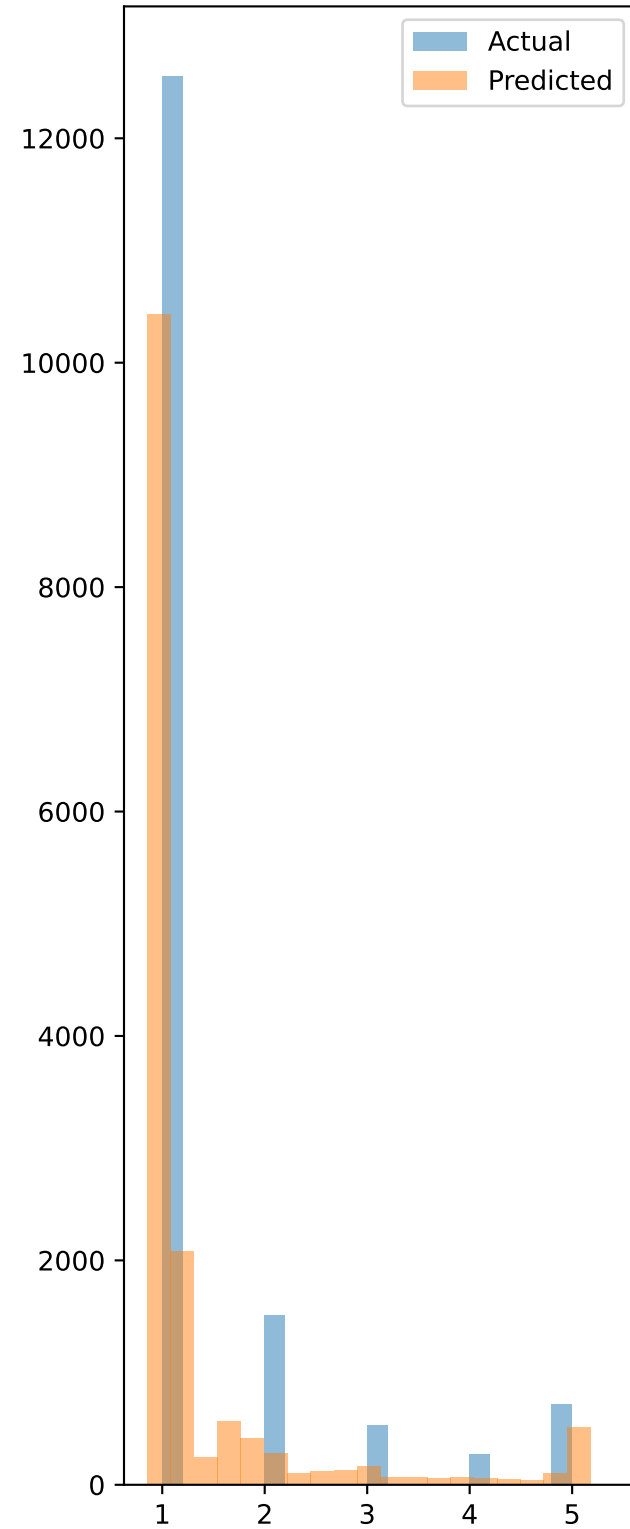
Distribution XGB model for
H
Asian group
R2 score: 0.23
Wasserstein Distance: 4.18



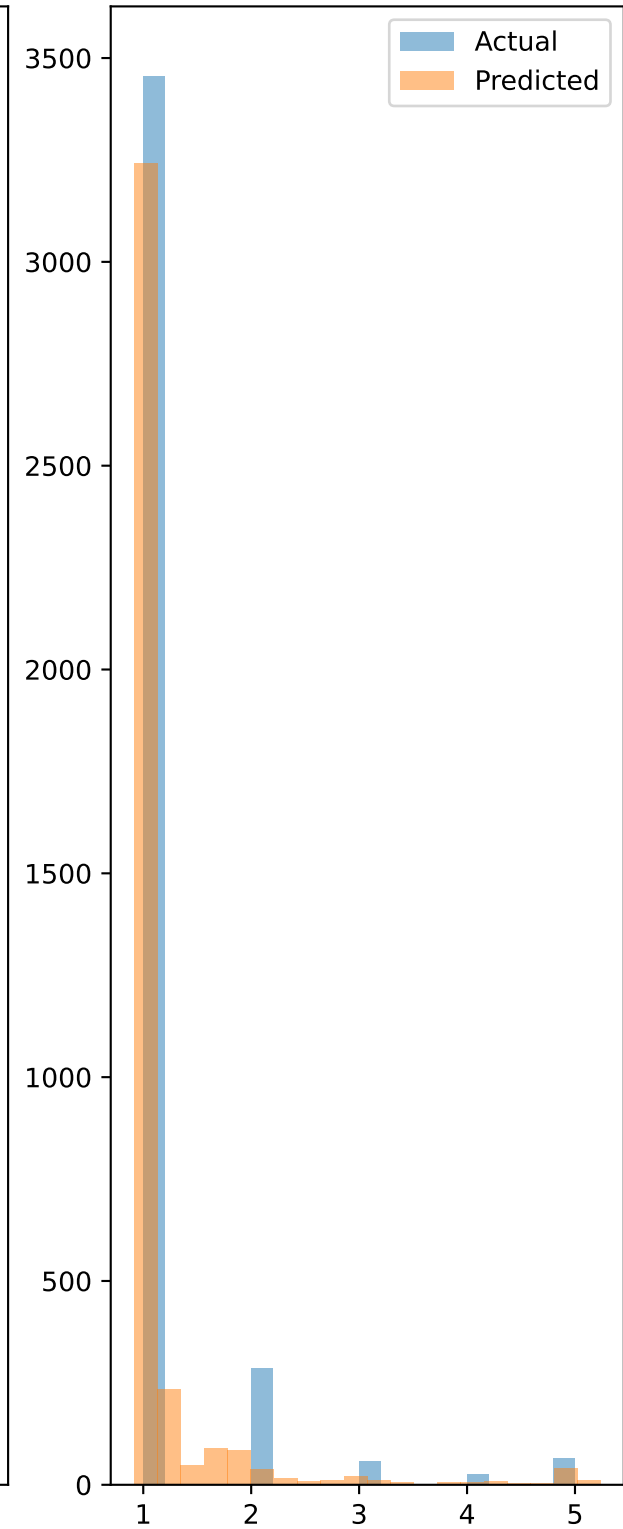
Distribution XGB model for
H
Others group
R2 score: 0.23
Wasserstein Distance: 4.10



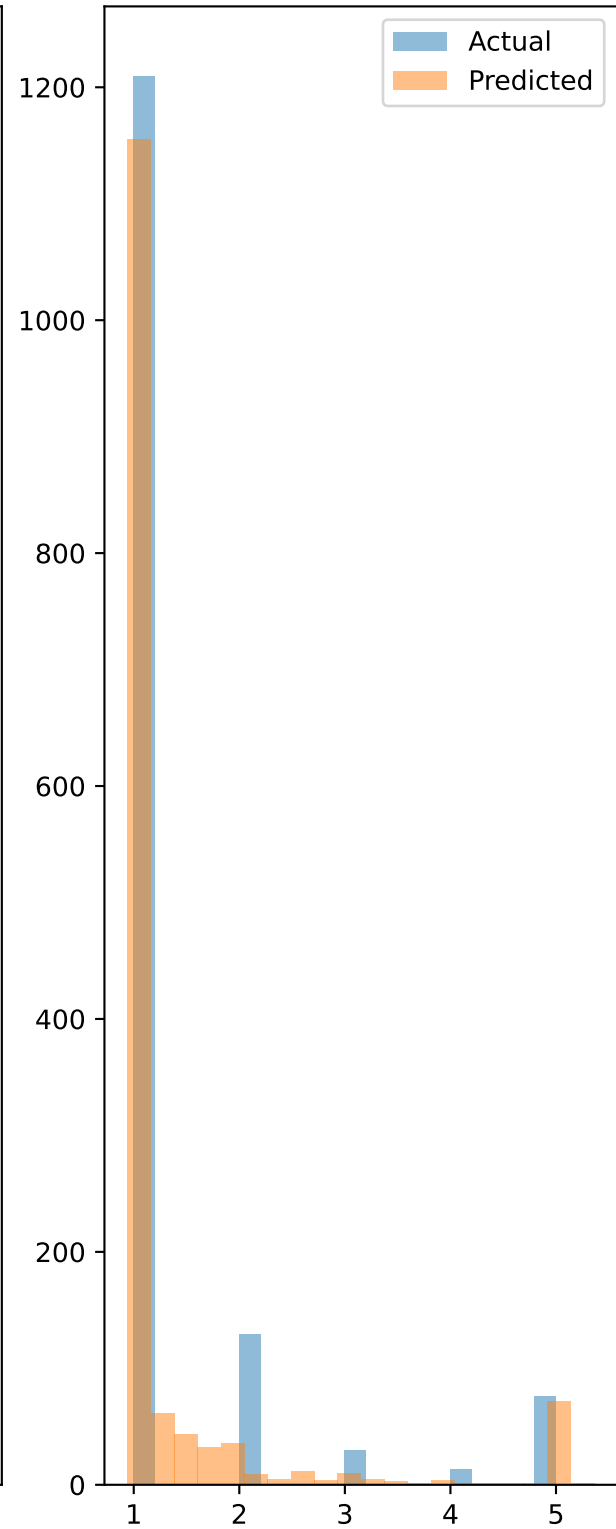
Distribution XGB model for
White group
R2 score: 0.91
Wasserstein Distance: 0.08



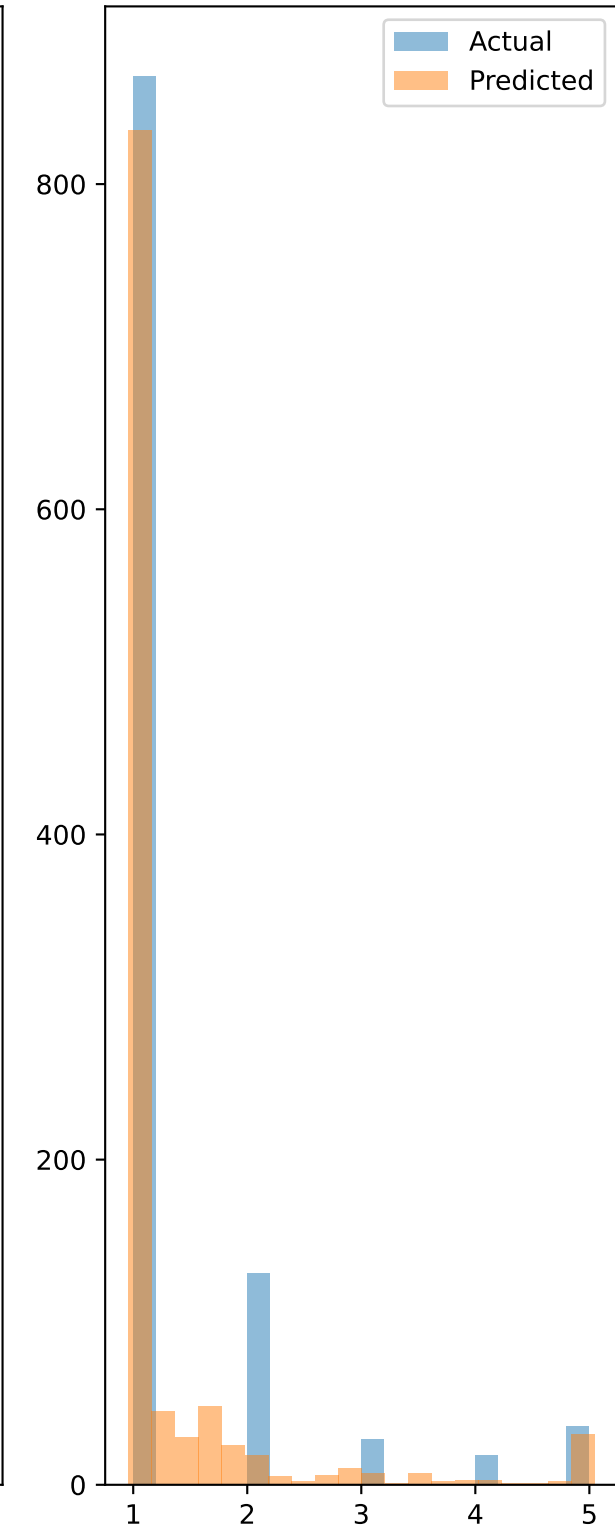
Distribution XGB model for
Black group
R2 score: 0.84
Wasserstein Distance: 0.06



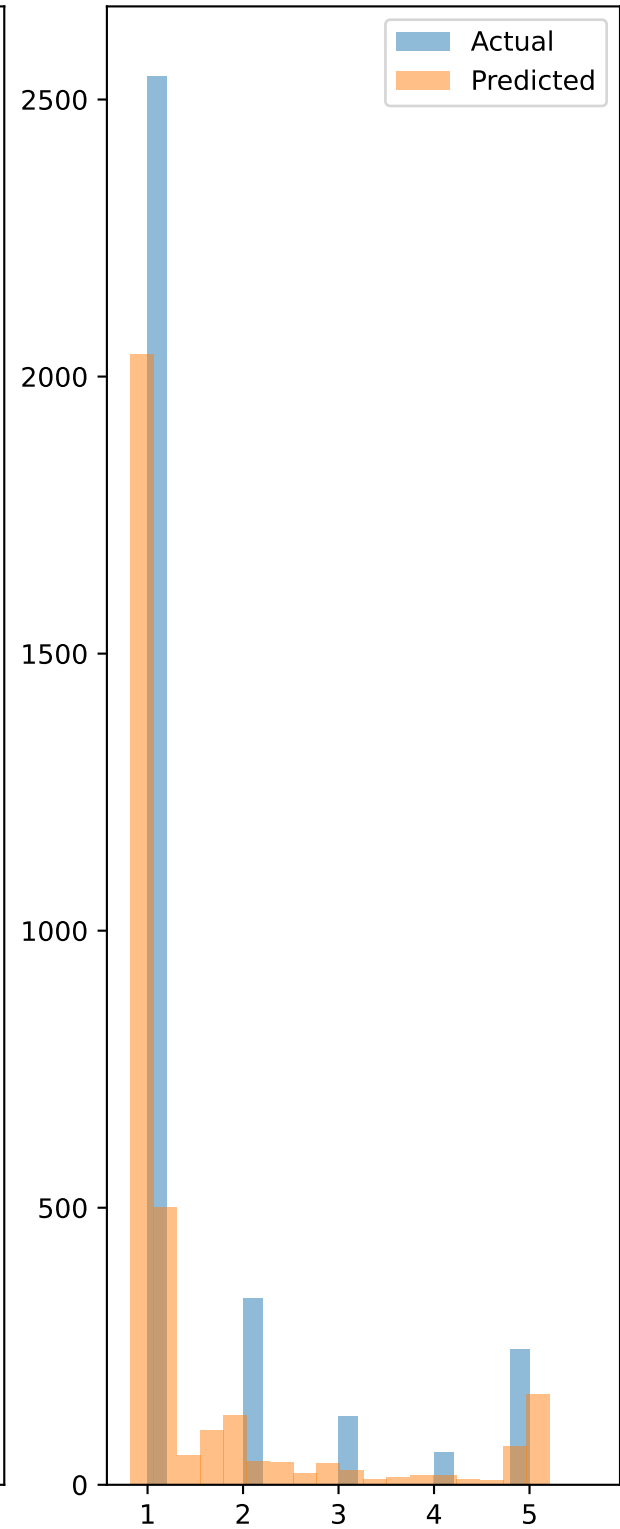
Distribution XGB model for
Hispanic group
R2 score: 0.93
Wasserstein Distance: 0.07



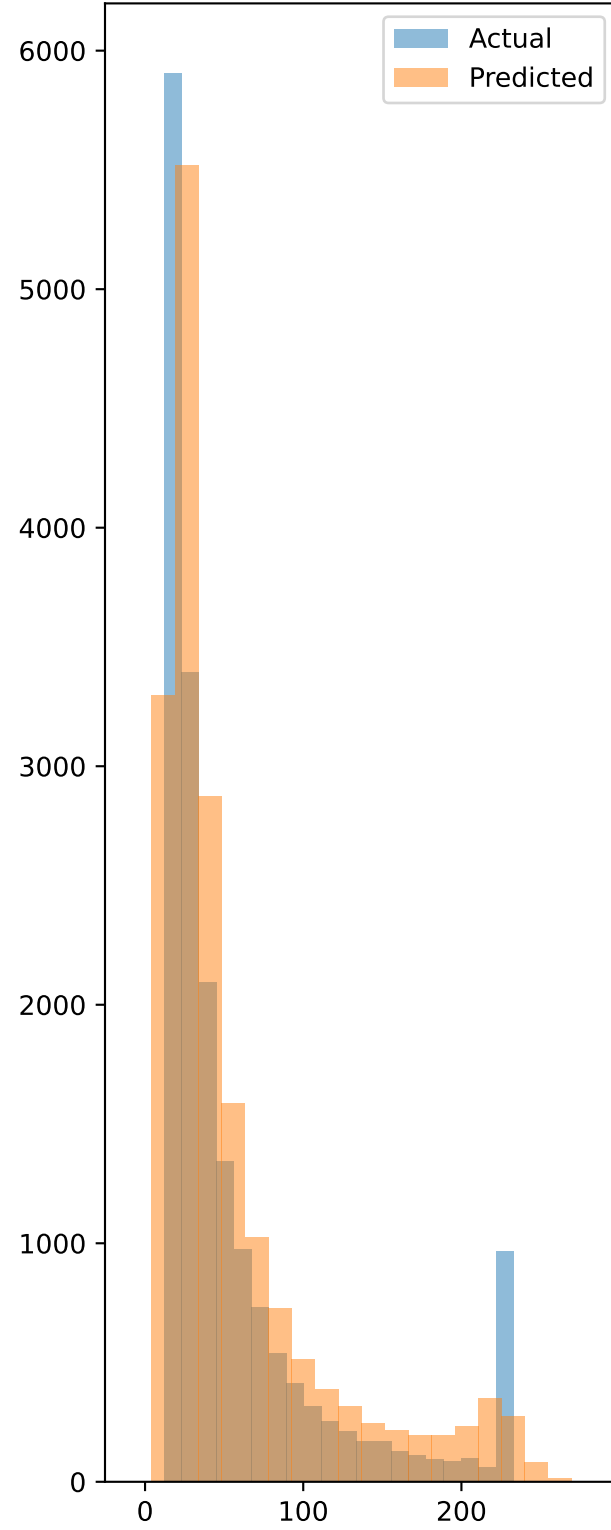
Distribution XGB model for
Asian group
R2 score: 0.86
Wasserstein Distance: 0.09



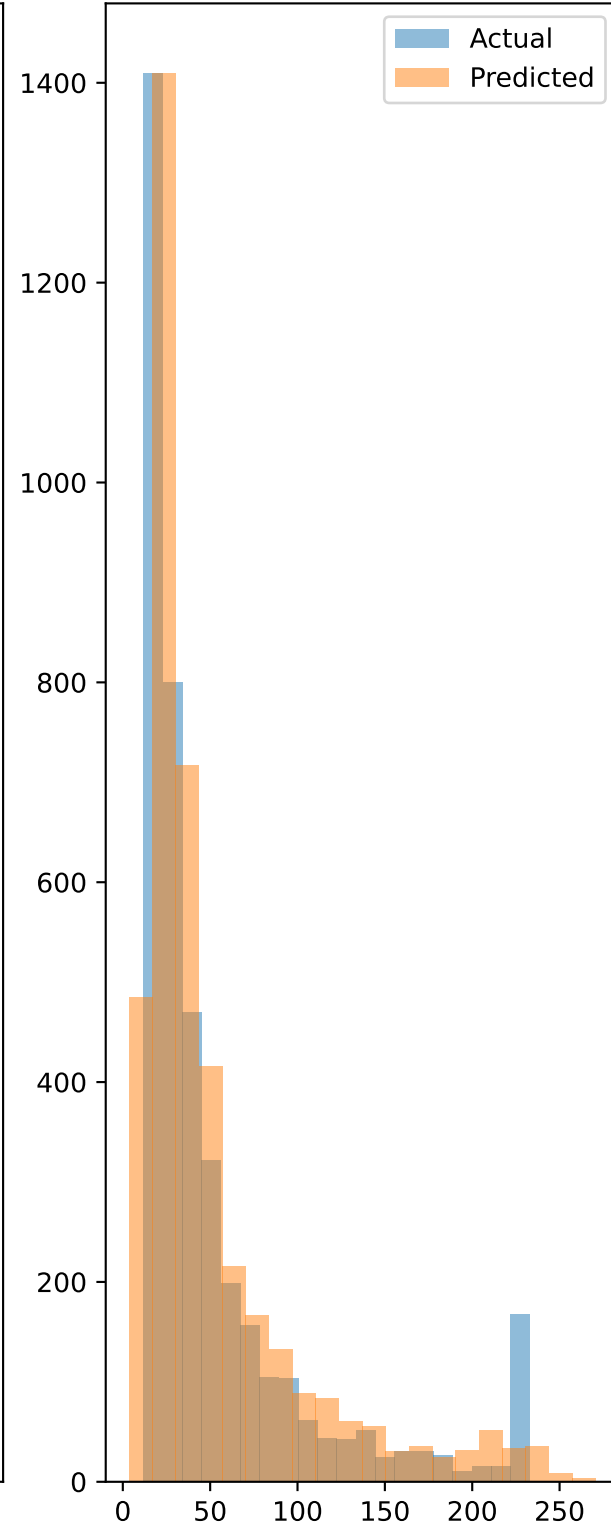
Distribution XGB model for
Others group
R2 score: 0.95
Wasserstein Distance: 0.07



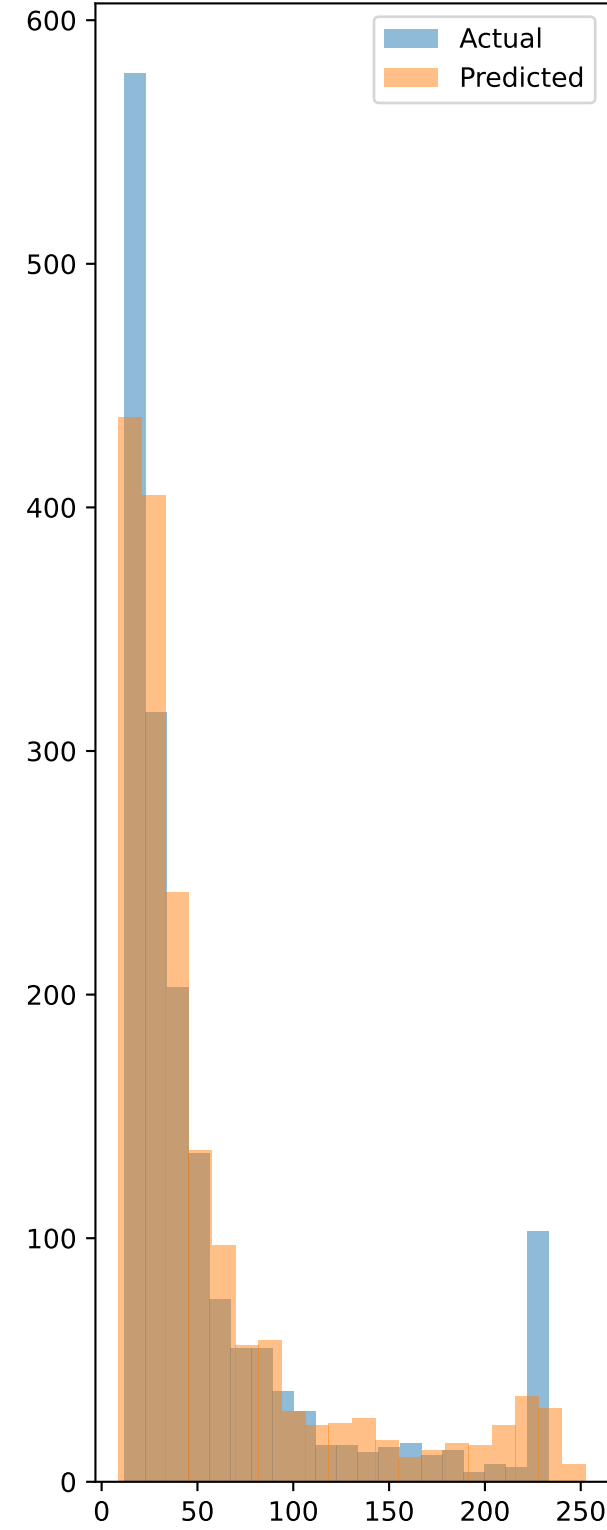
Distribution XGB model for
Asparate Aminotransferase (AST)
White group
R2 score: 0.91
Wasserstein Distance: 2.20



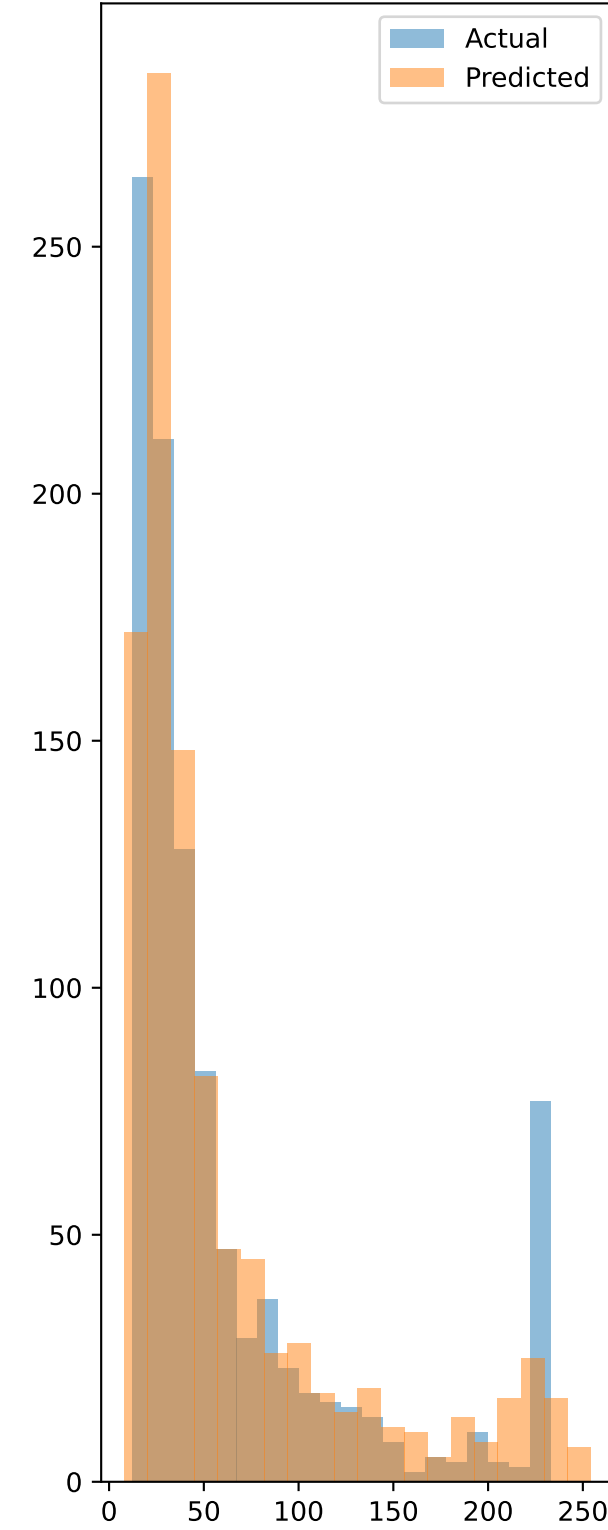
Distribution XGB model for
Asparate Aminotransferase (AST)
Black group
R2 score: 0.88
Wasserstein Distance: 2.59



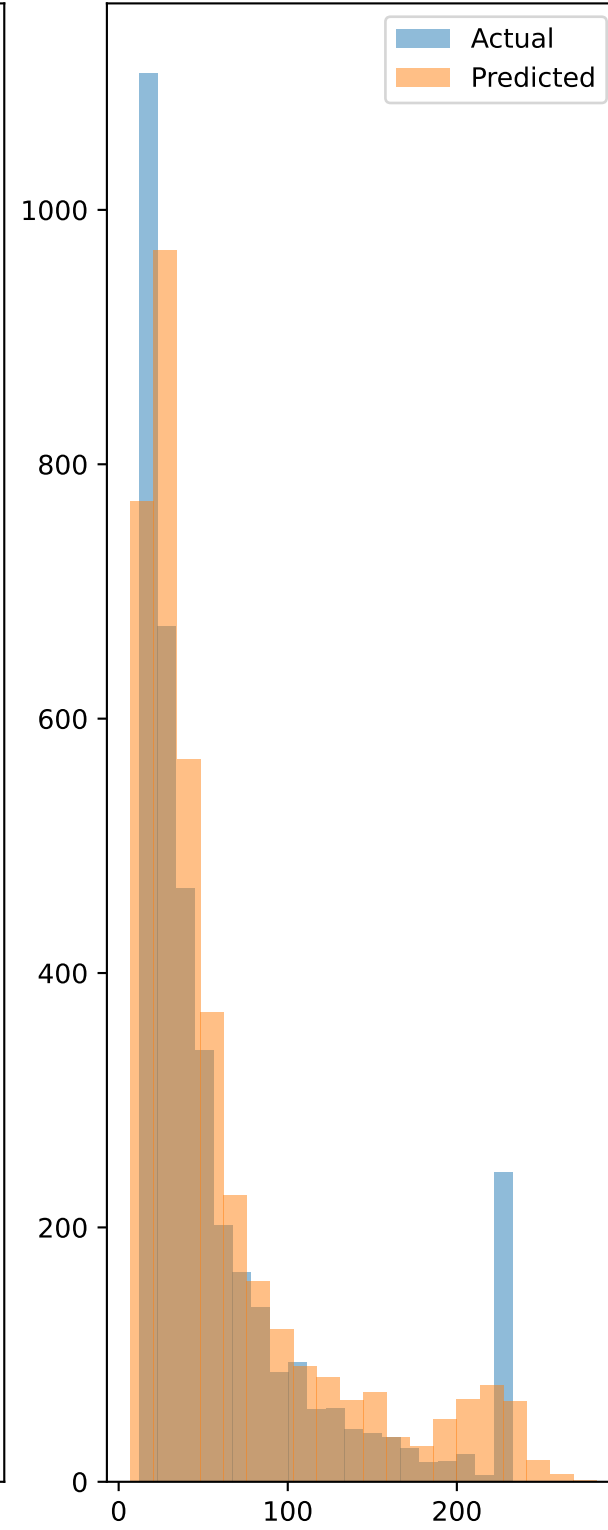
Distribution XGB model for
Asparate Aminotransferase (AST)
Hispanic group
R2 score: 0.93
Wasserstein Distance: 2.03



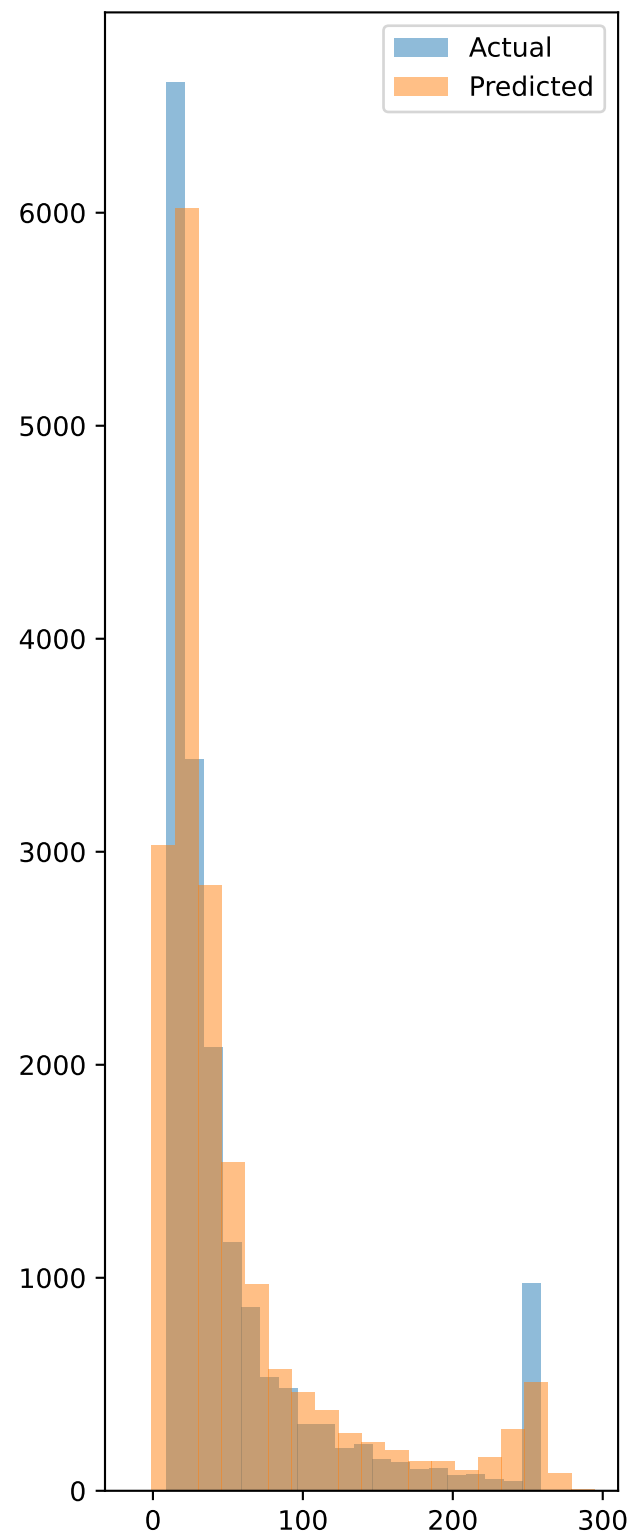
Distribution XGB model for
Asparate Aminotransferase (AST)
Asian group
R2 score: 0.89
Wasserstein Distance: 2.34



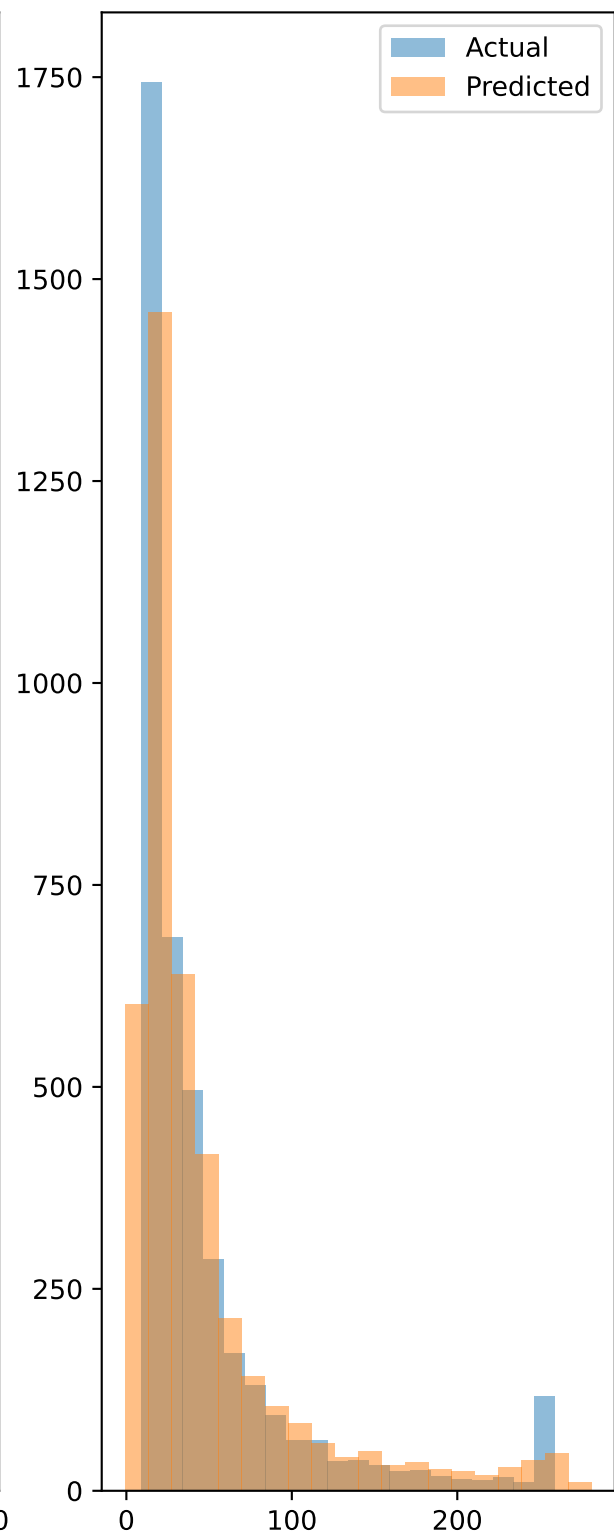
Distribution XGB model for
Asparate Aminotransferase (AST)
Others group
R2 score: 0.92
Wasserstein Distance: 2.27



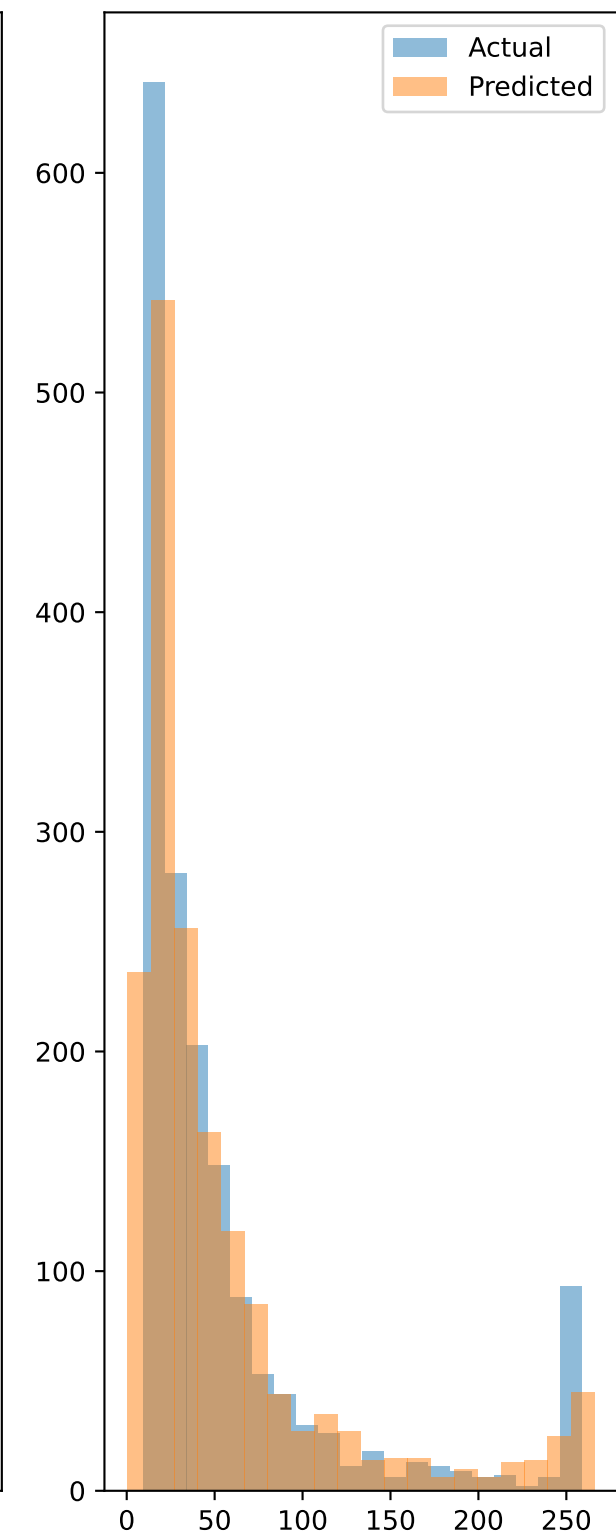
Distribution XGB model for
Alanine Aminotransferase (ALT)
White group
R2 score: 0.93
Wasserstein Distance: 1.80



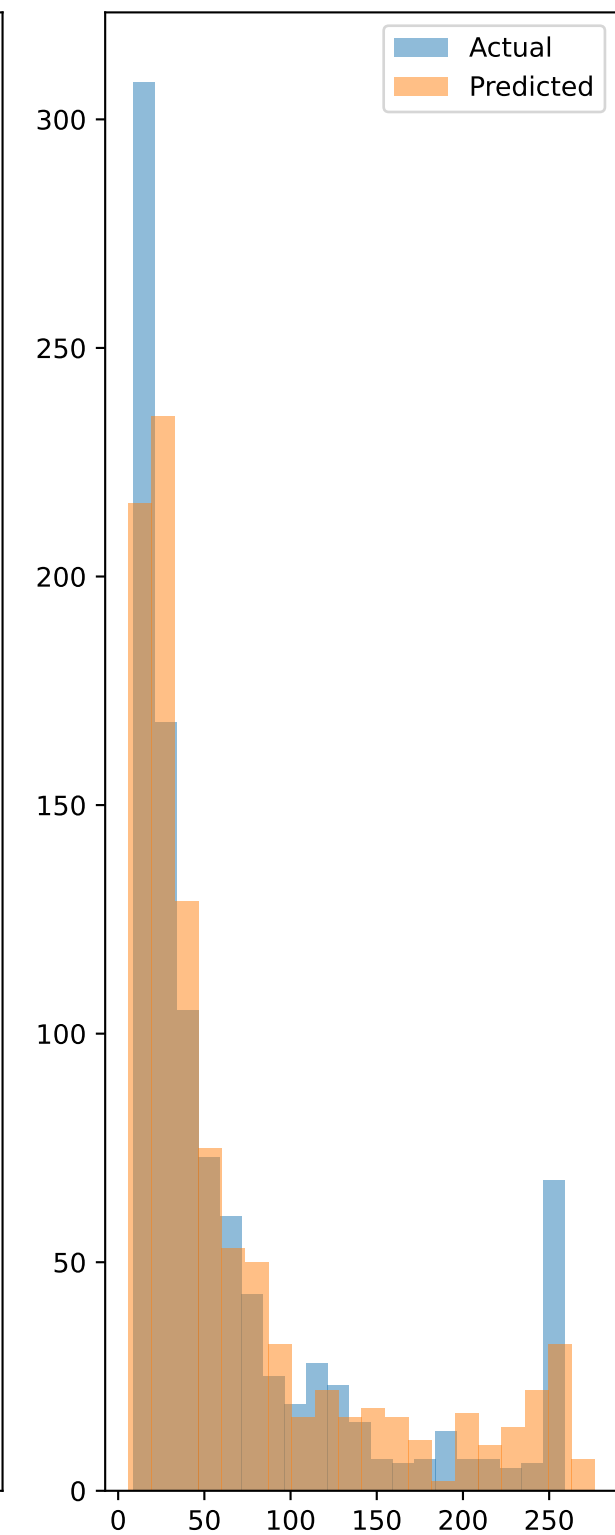
Distribution XGB model for
Alanine Aminotransferase (ALT)
Black group
R2 score: 0.89
Wasserstein Distance: 2.31



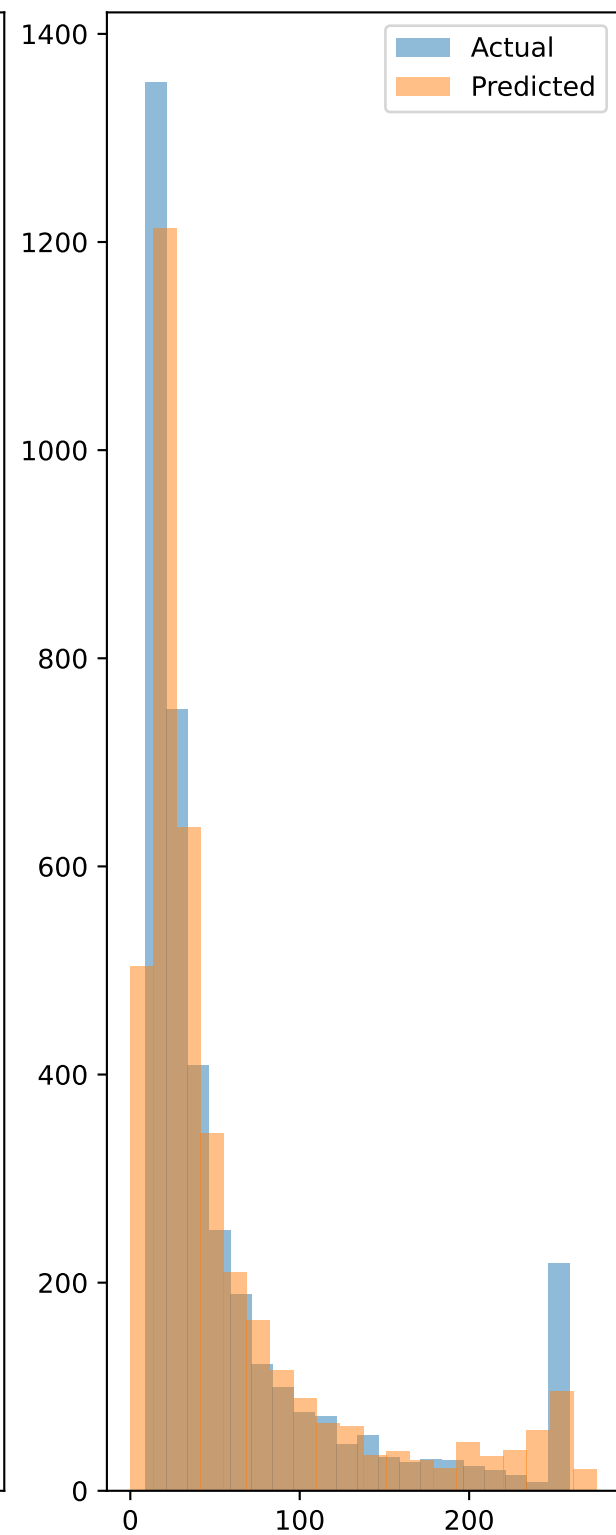
Distribution XGB model for
Alanine Aminotransferase (ALT)
Hispanic group
R2 score: 0.93
Wasserstein Distance: 2.54

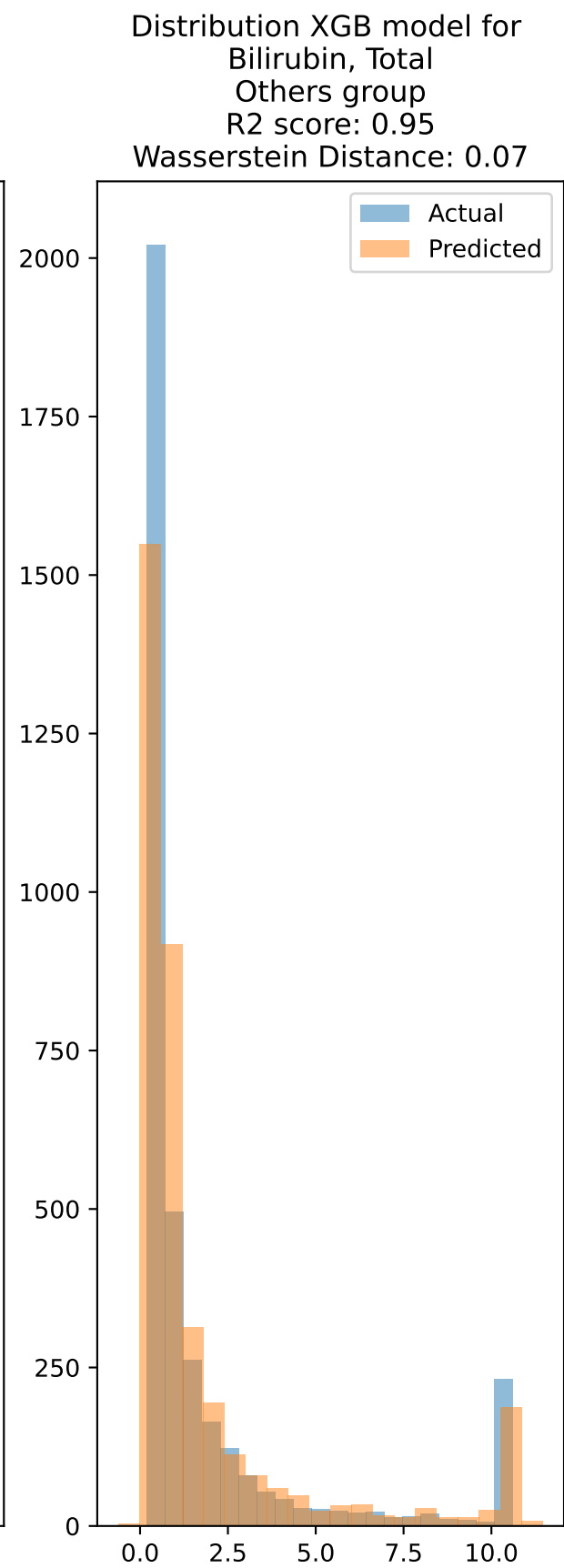
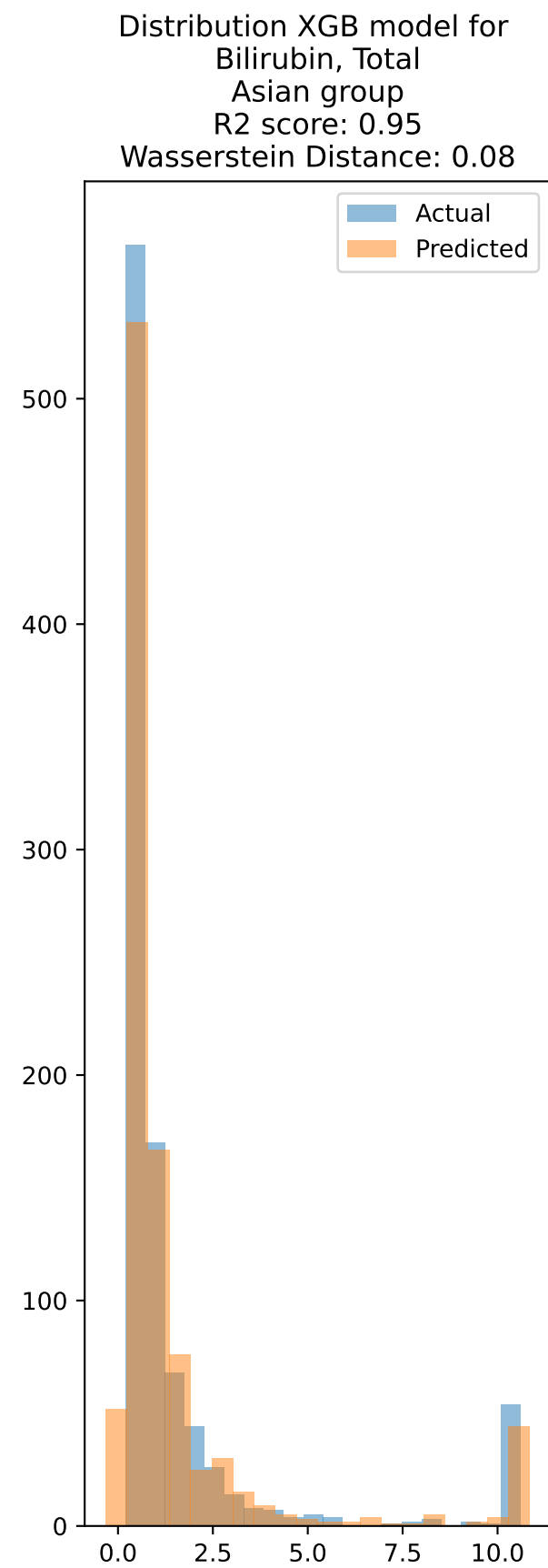
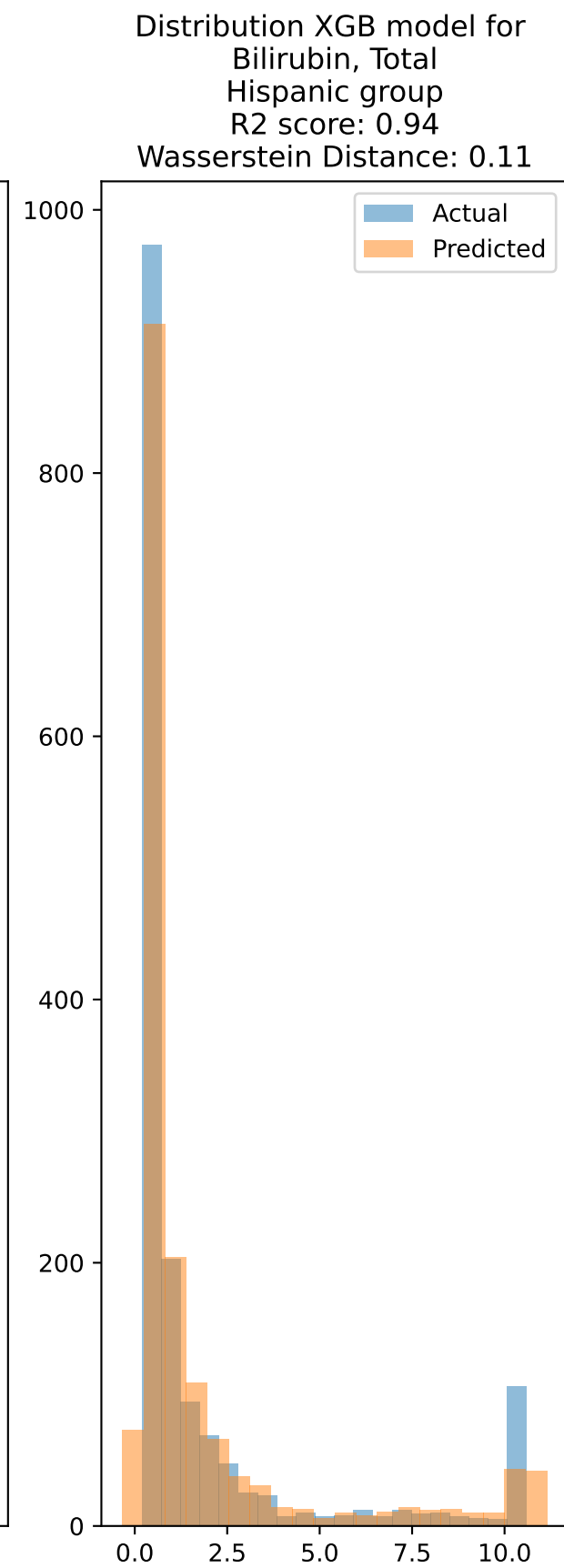
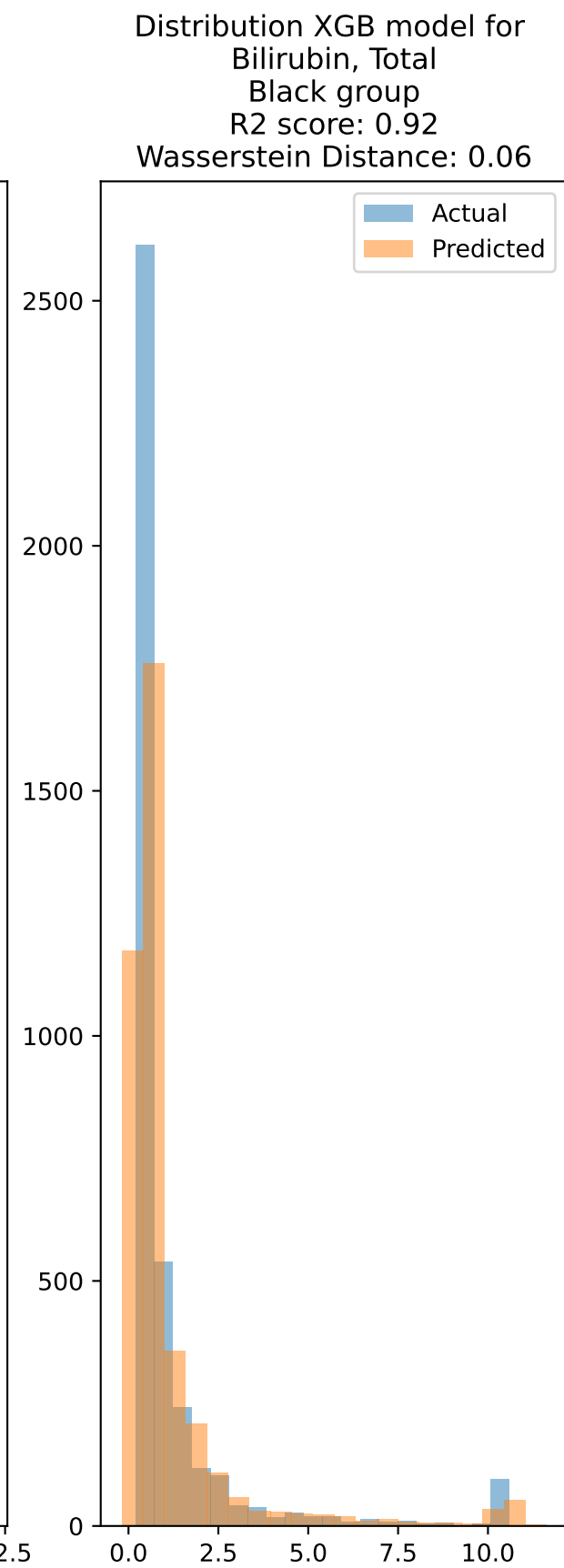
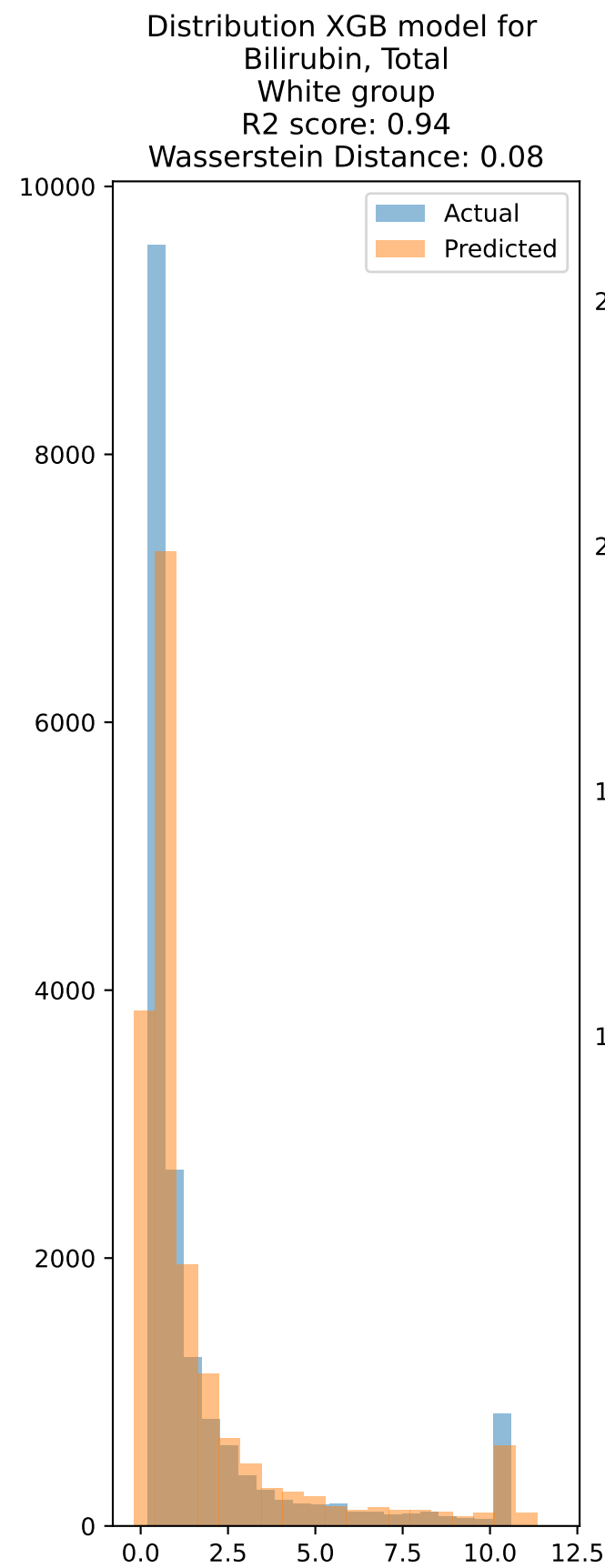


Distribution XGB model for
Alanine Aminotransferase (ALT)
Asian group
R2 score: 0.93
Wasserstein Distance: 3.06

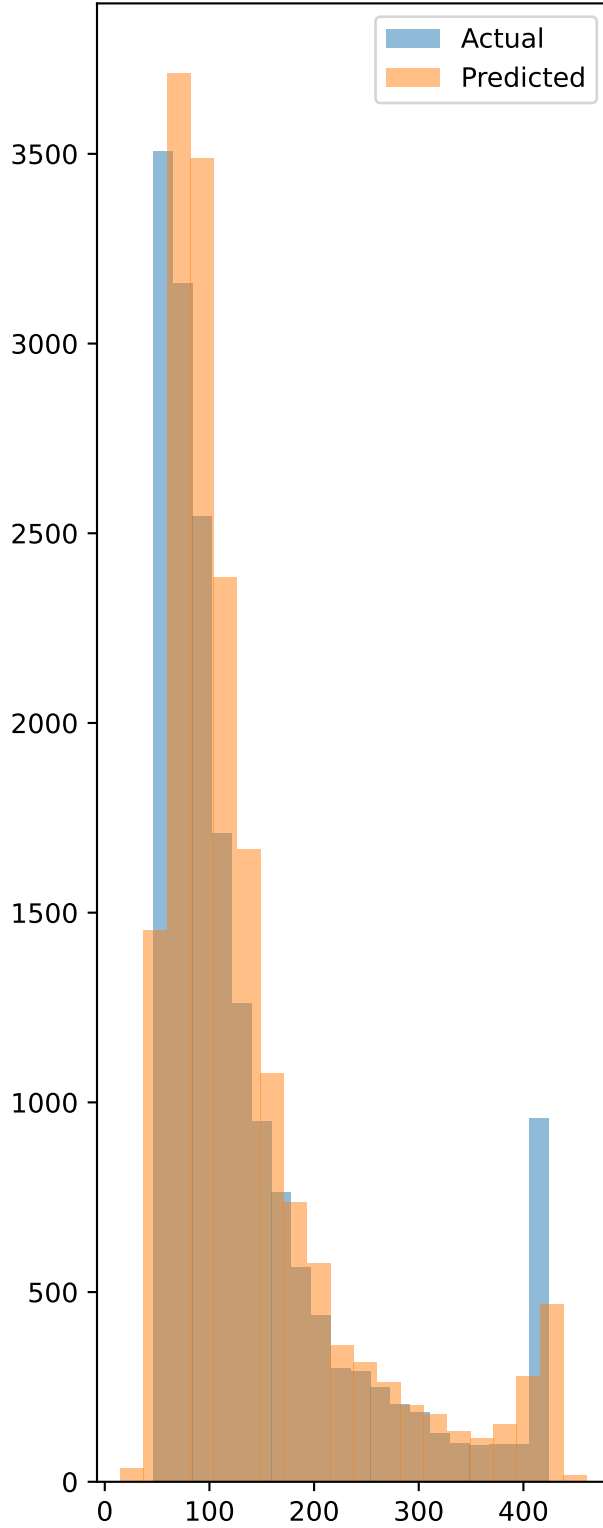


Distribution XGB model for
Alanine Aminotransferase (ALT)
Others group
R2 score: 0.94
Wasserstein Distance: 2.10

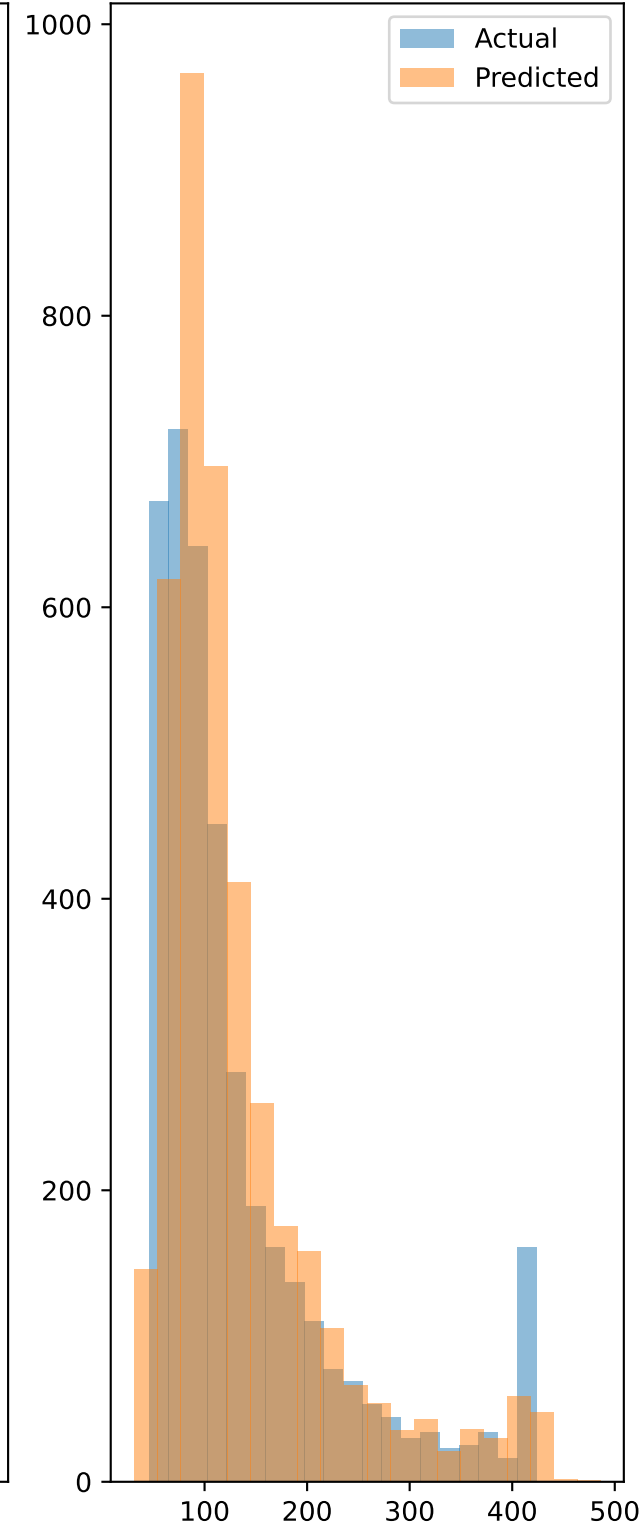




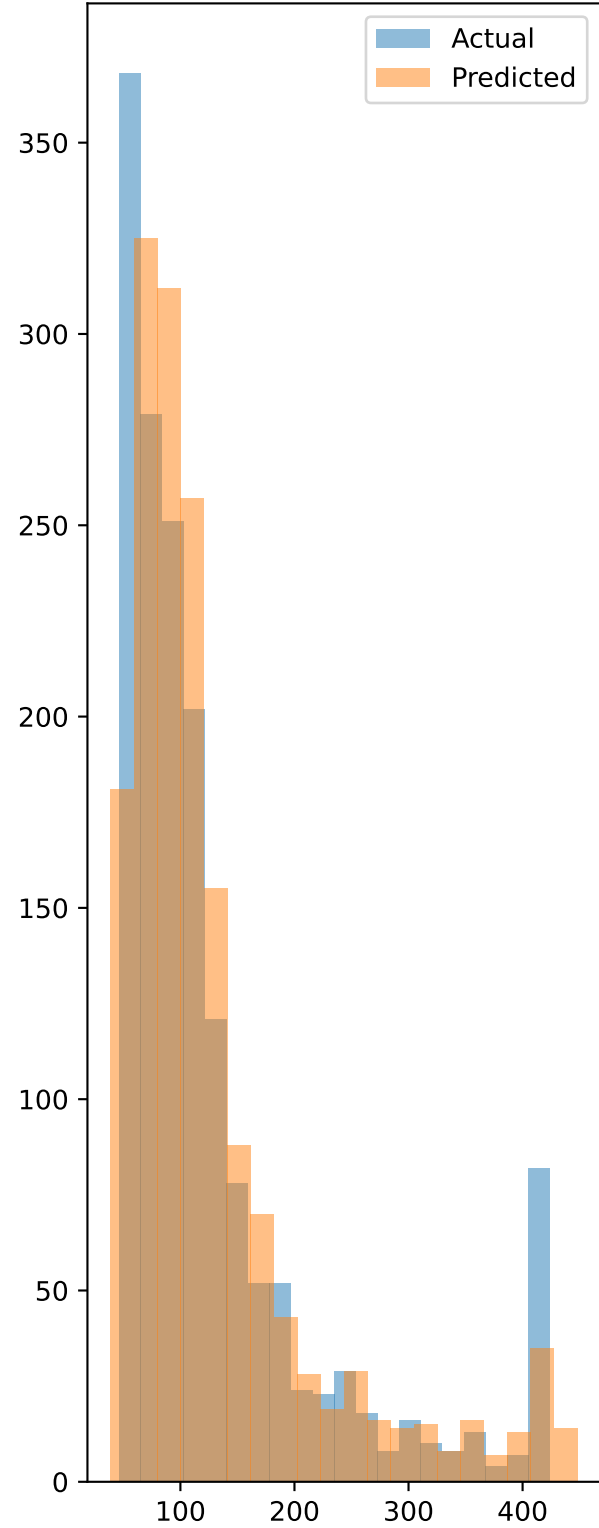
Distribution XGB model for
Alkaline Phosphatase
White group
R2 score: 0.84
Wasserstein Distance: 7.87



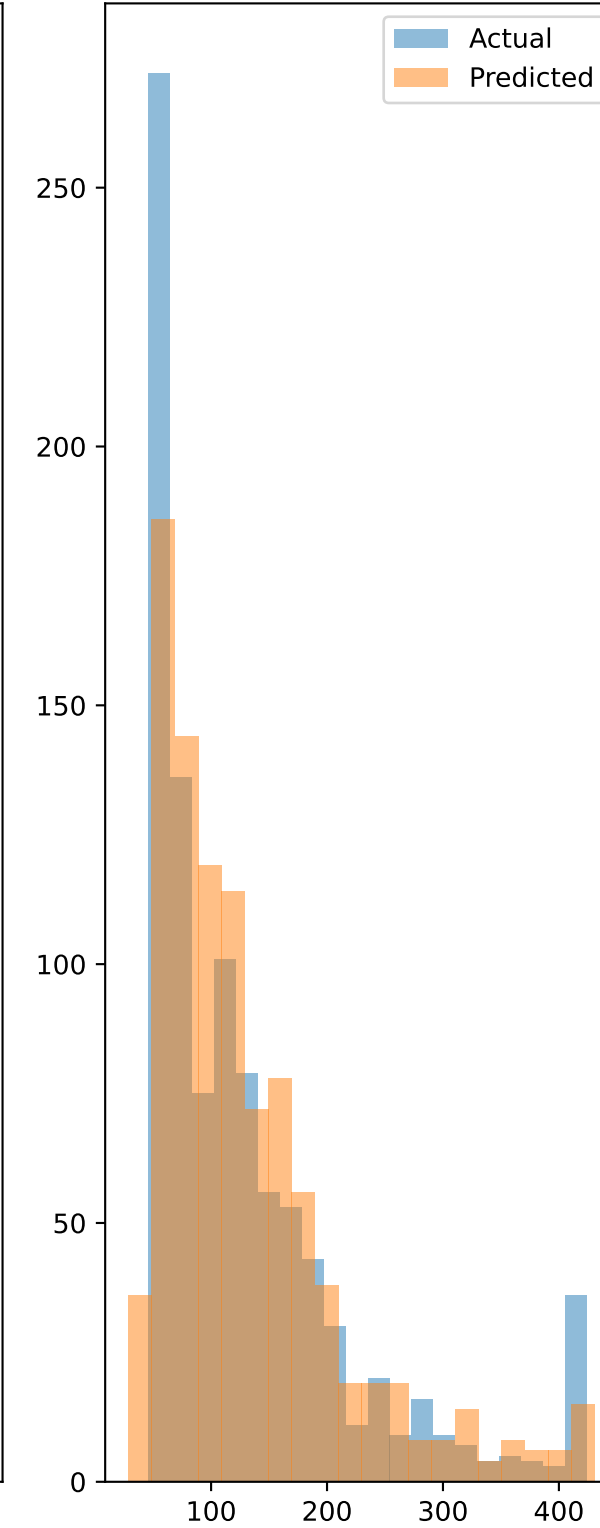
Distribution XGB model for
Alkaline Phosphatase
Black group
R2 score: 0.79
Wasserstein Distance: 9.84



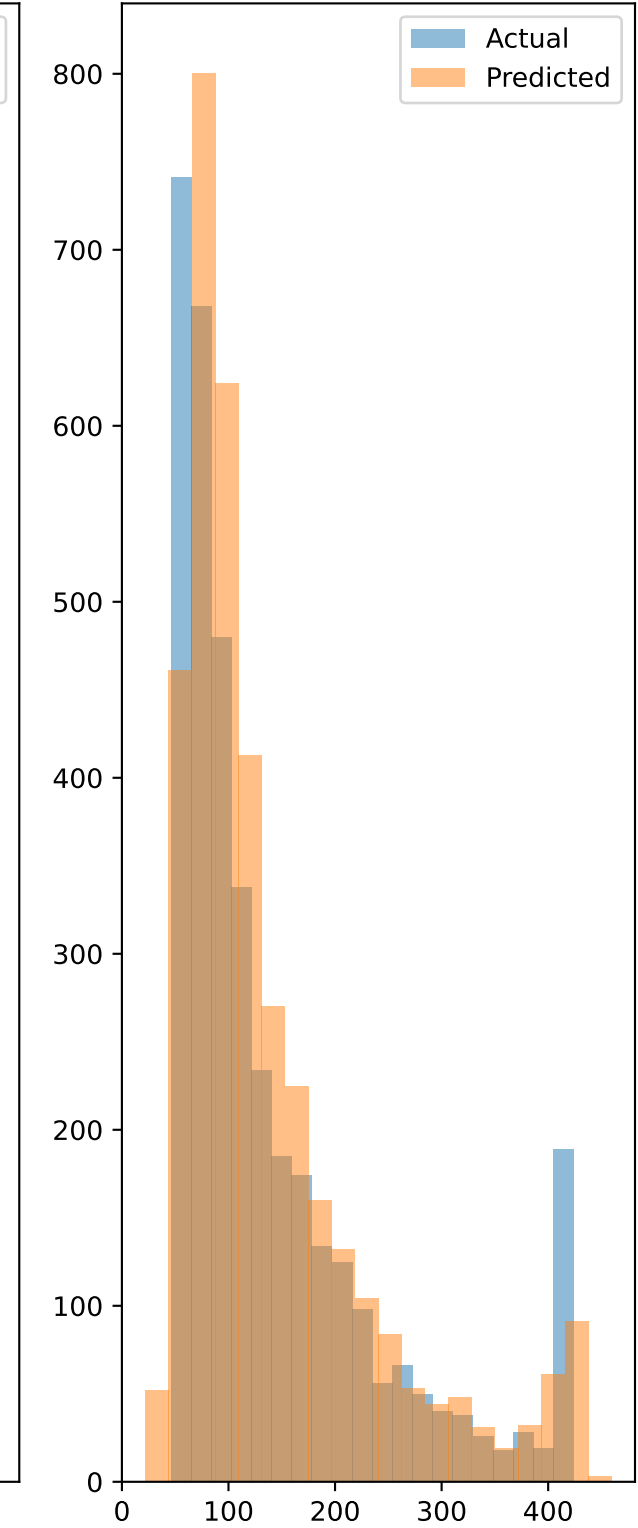
Distribution XGB model for
Alkaline Phosphatase
Hispanic group
R2 score: 0.80
Wasserstein Distance: 7.04



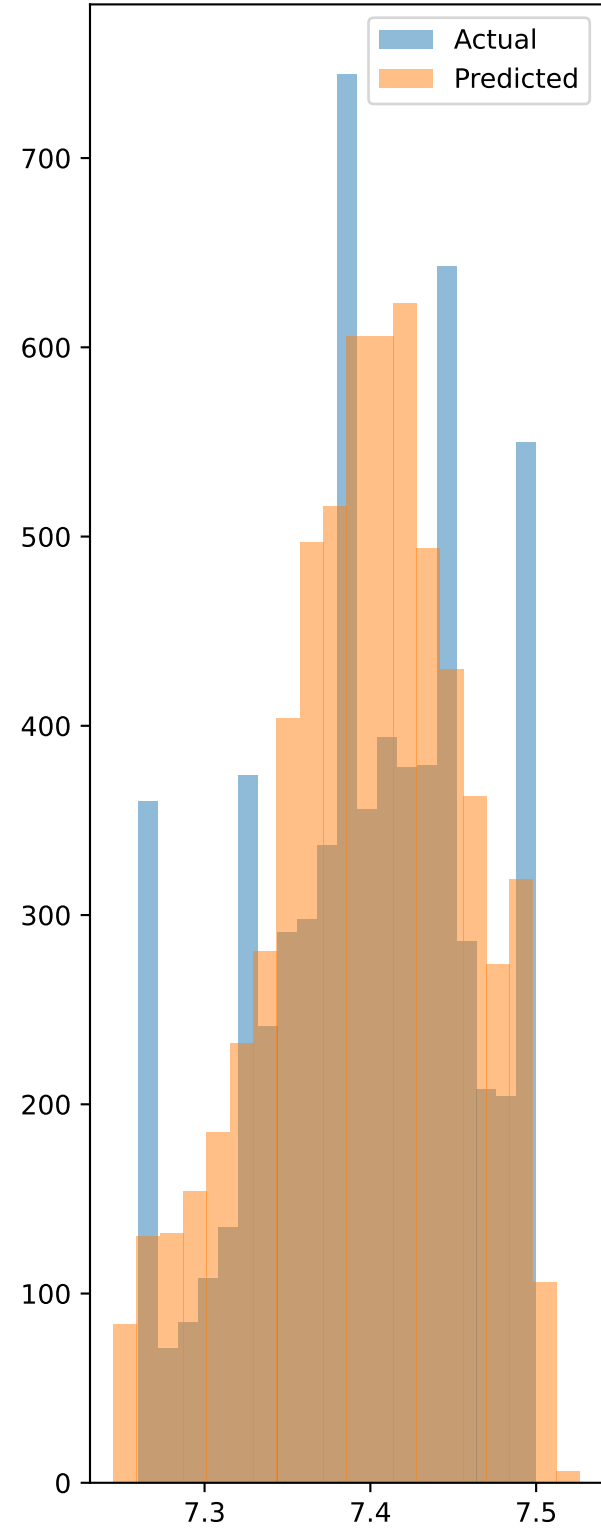
Distribution XGB model for
Alkaline Phosphatase
Asian group
R2 score: 0.81
Wasserstein Distance: 8.84



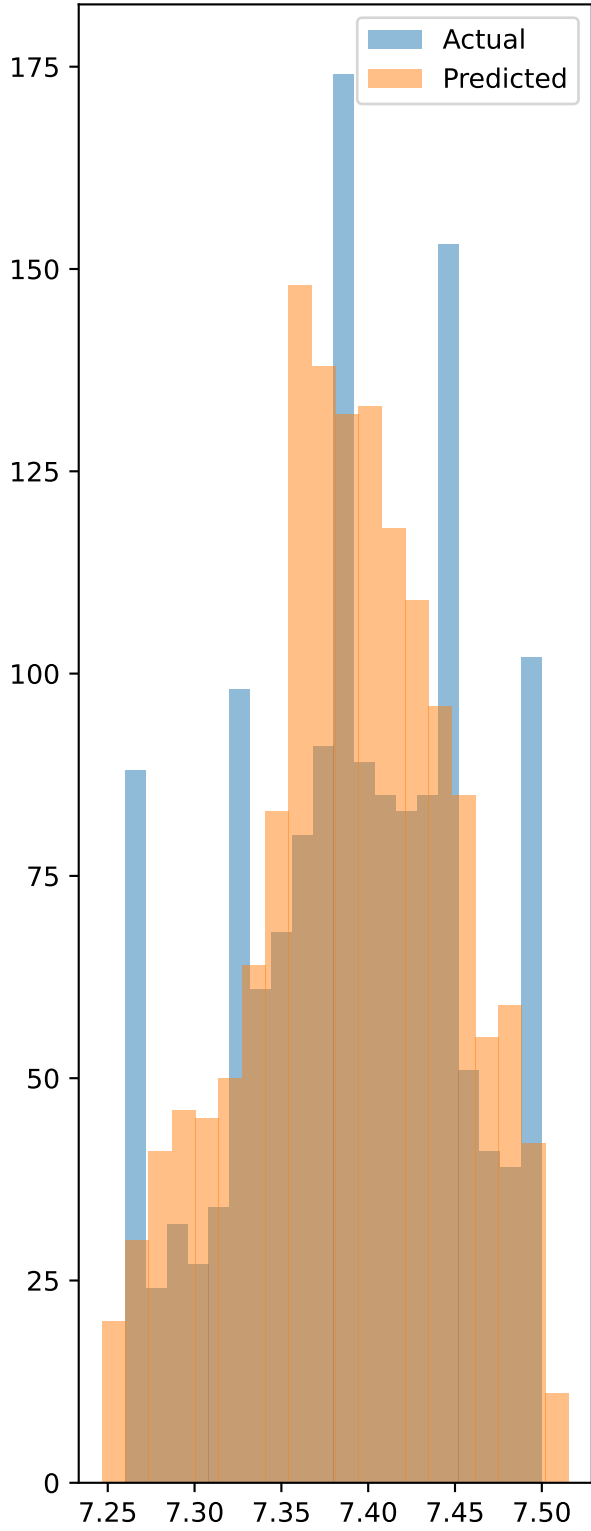
Distribution XGB model for
Alkaline Phosphatase
Others group
R2 score: 0.87
Wasserstein Distance: 7.64



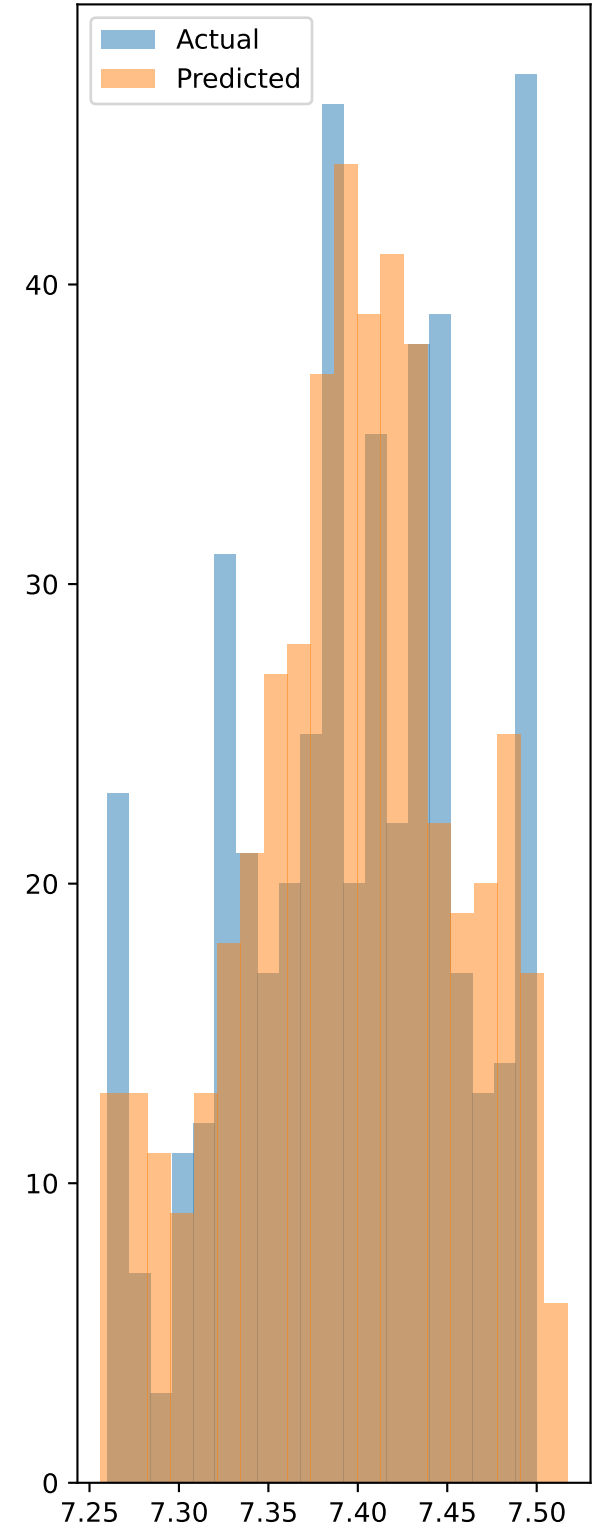
Distribution XGB model for
pH
White group
R2 score: 0.88
Wasserstein Distance: 0.00



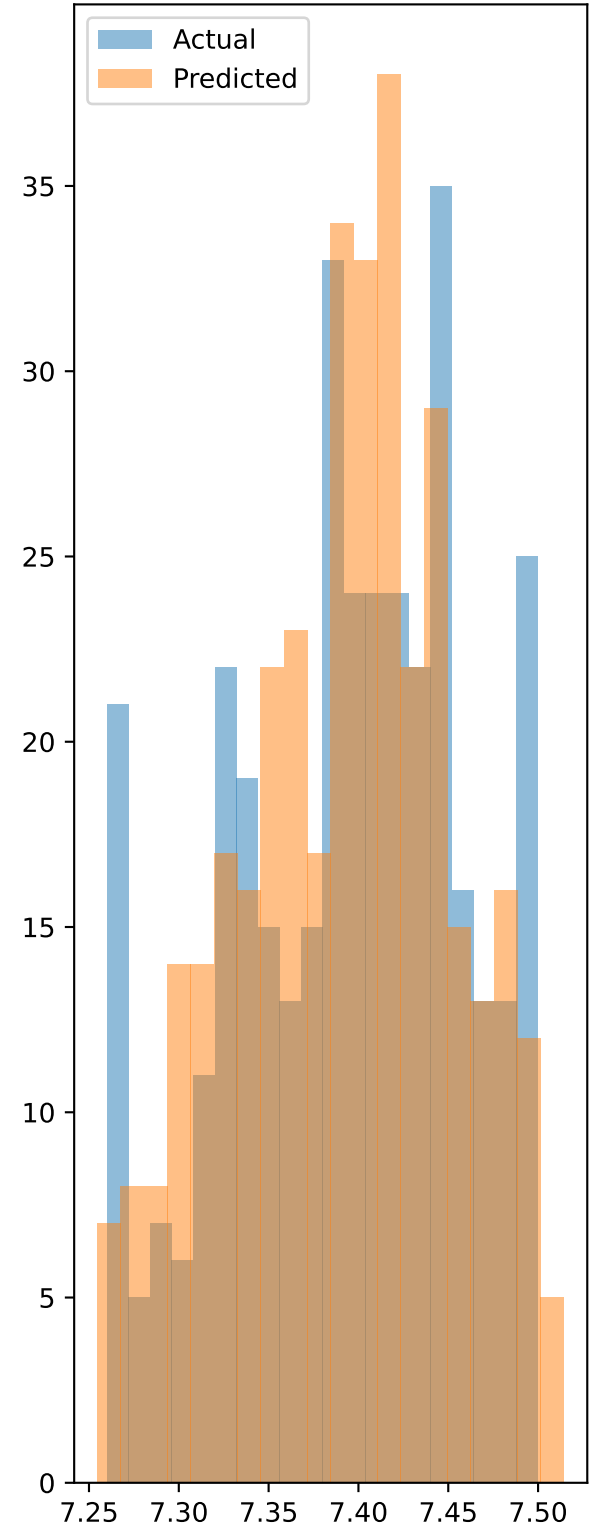
Distribution XGB model for
pH
Black group
R2 score: 0.88
Wasserstein Distance: 0.01



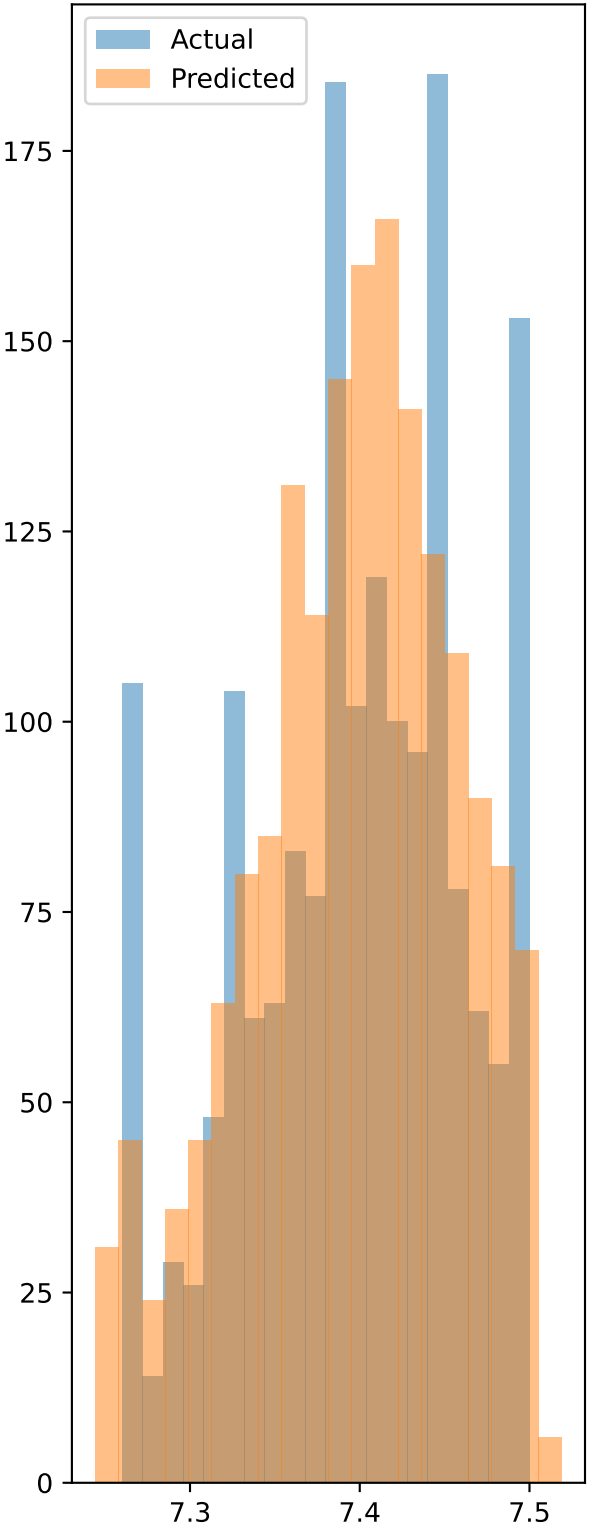
Distribution XGB model for
pH
Hispanic group
R2 score: 0.90
Wasserstein Distance: 0.01

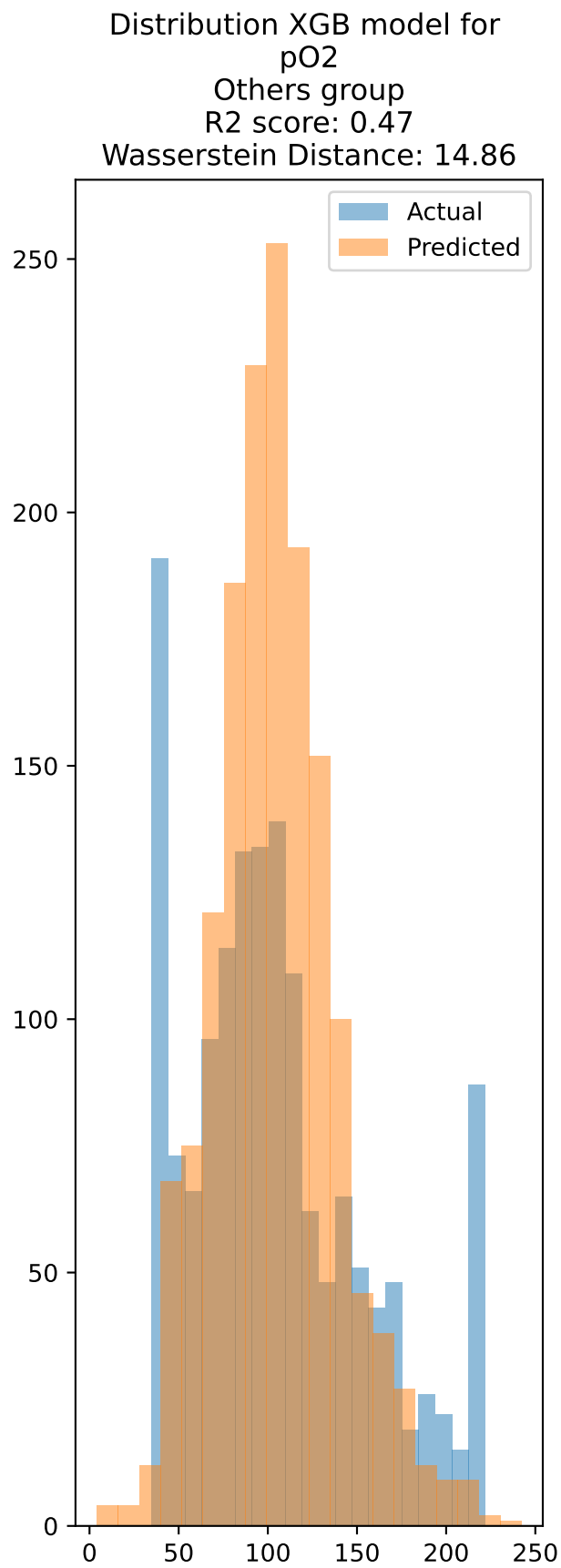
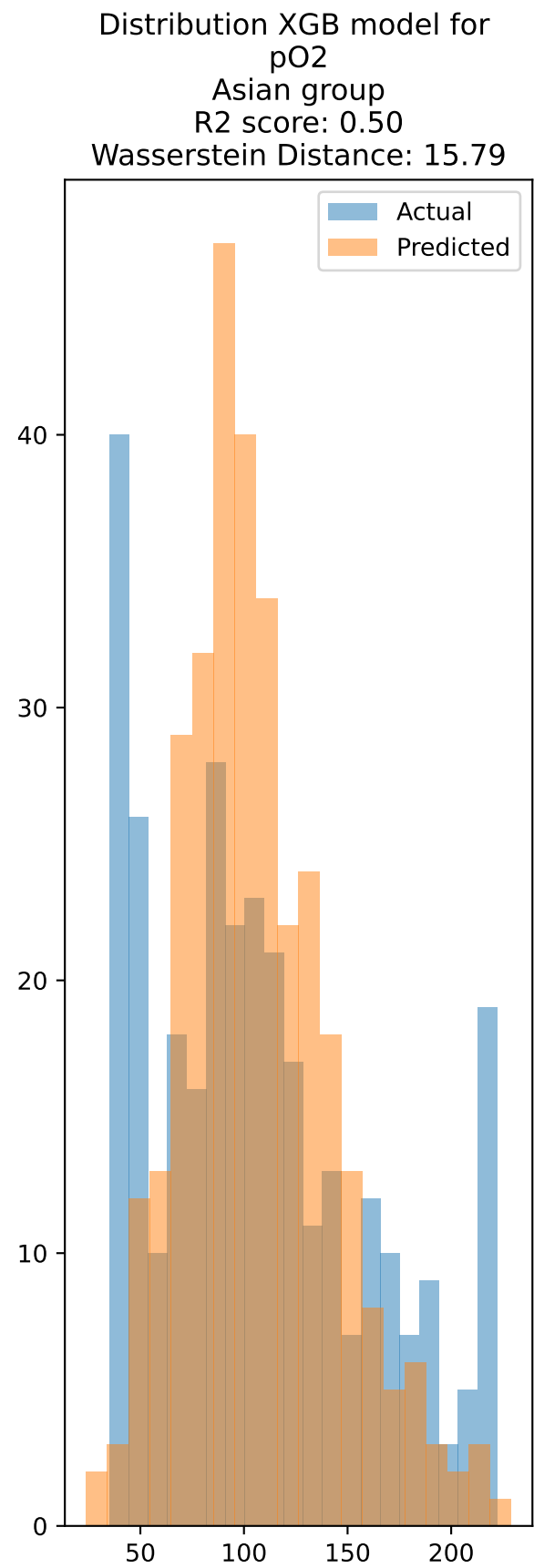
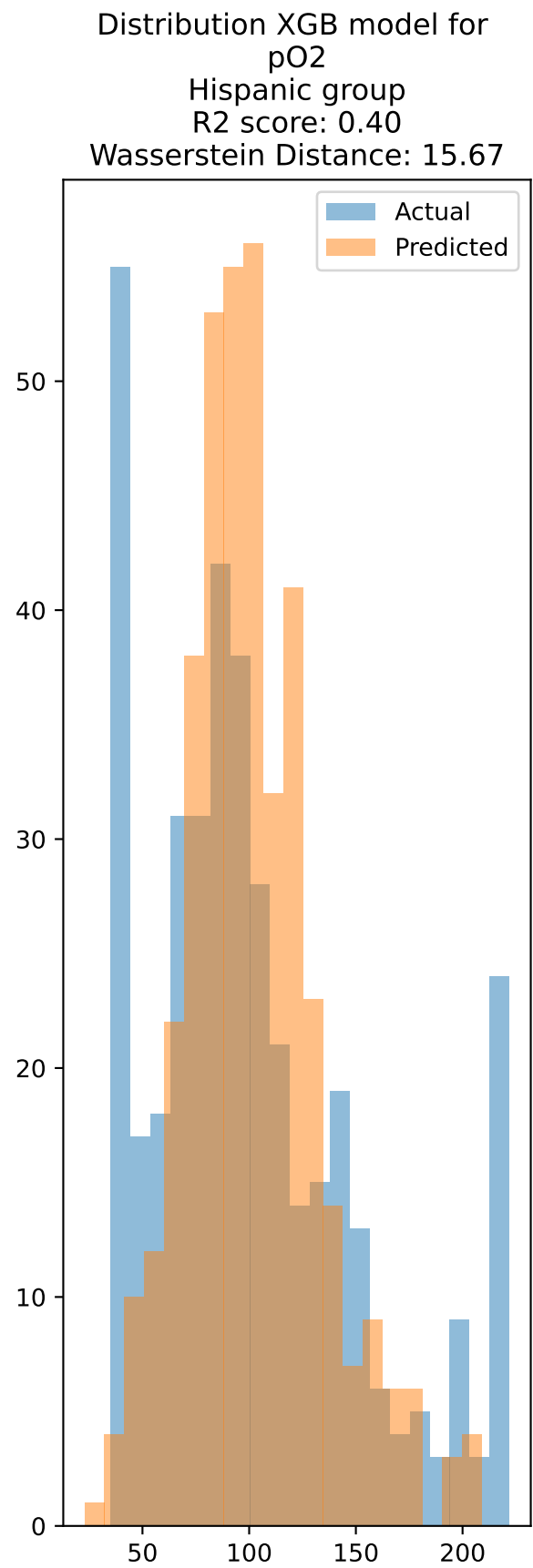
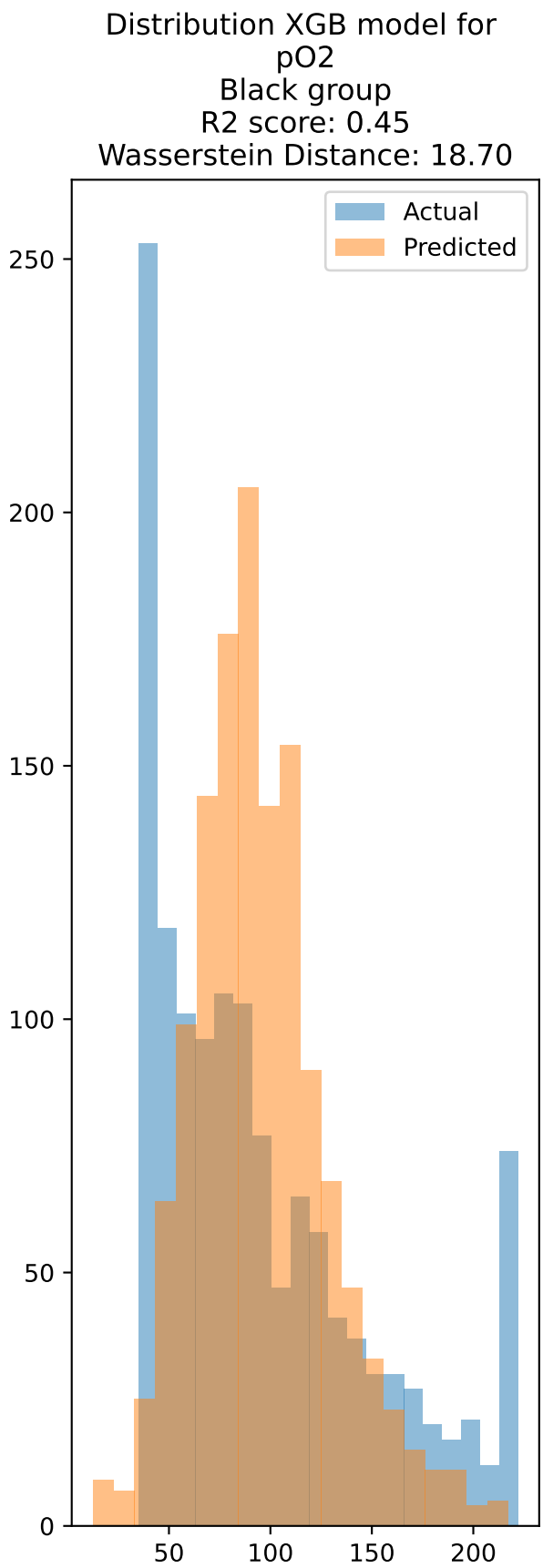
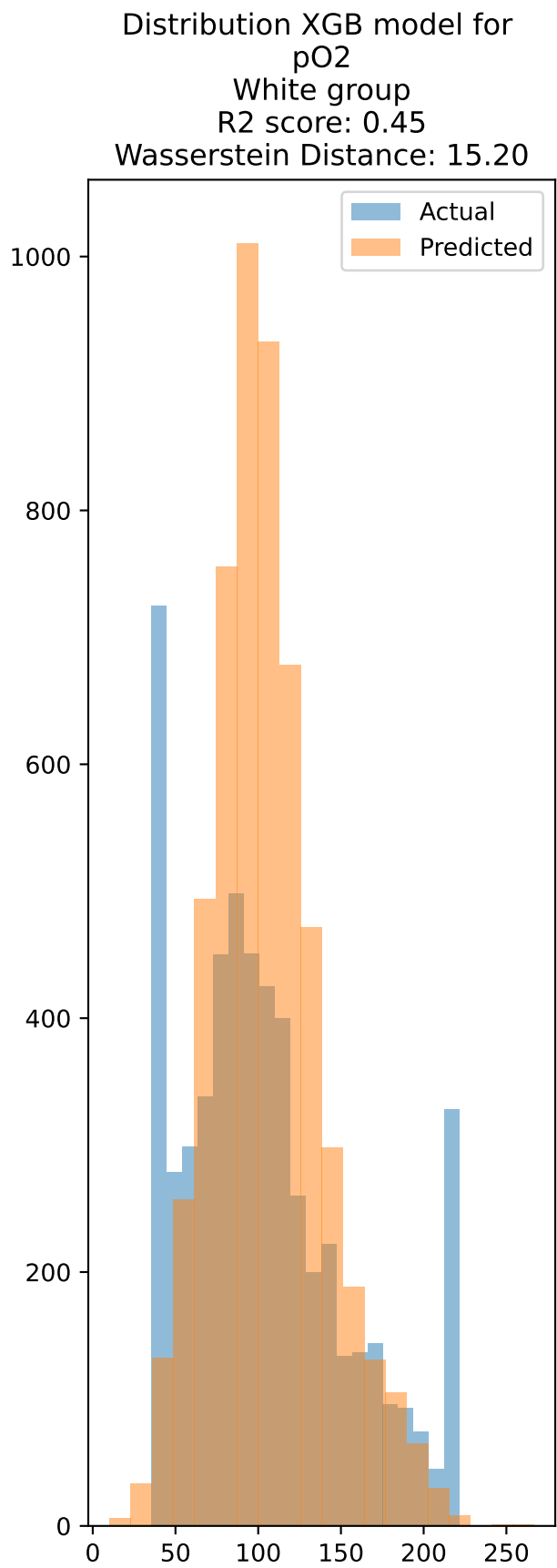


Distribution XGB model for
pH
Asian group
R2 score: 0.89
Wasserstein Distance: 0.01

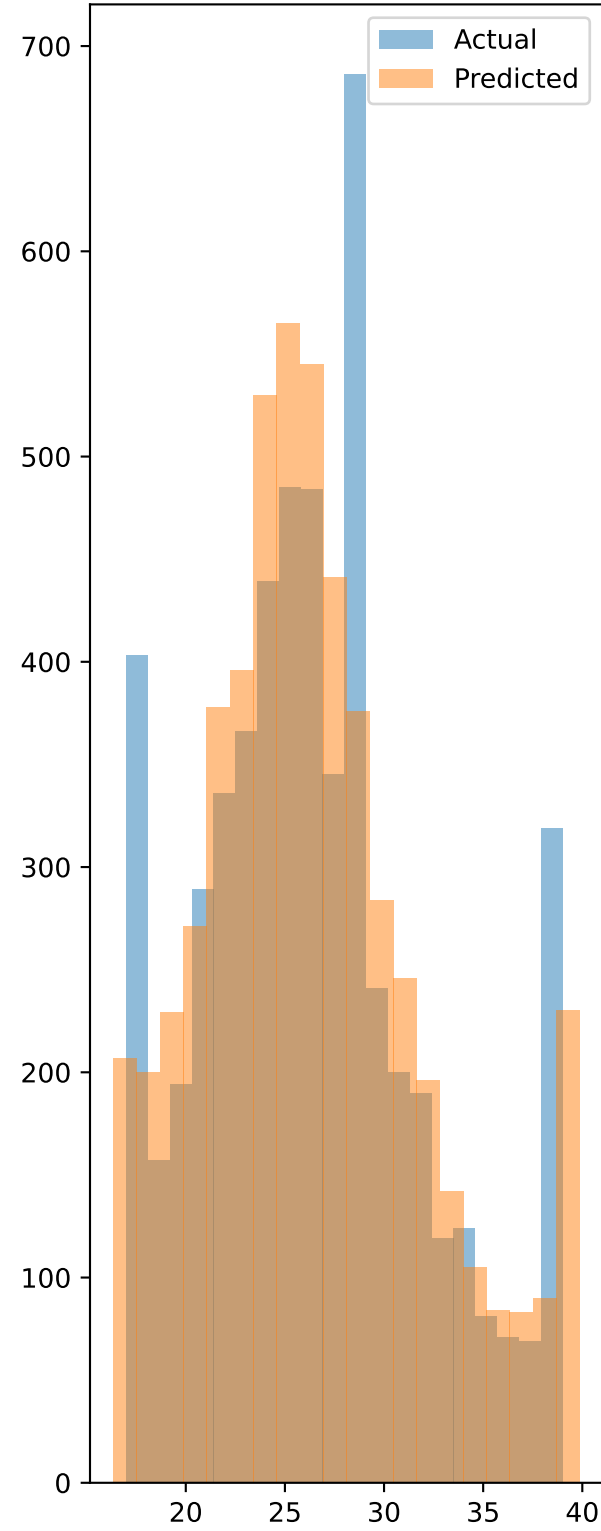


Distribution XGB model for
pH
Others group
R2 score: 0.89
Wasserstein Distance: 0.00

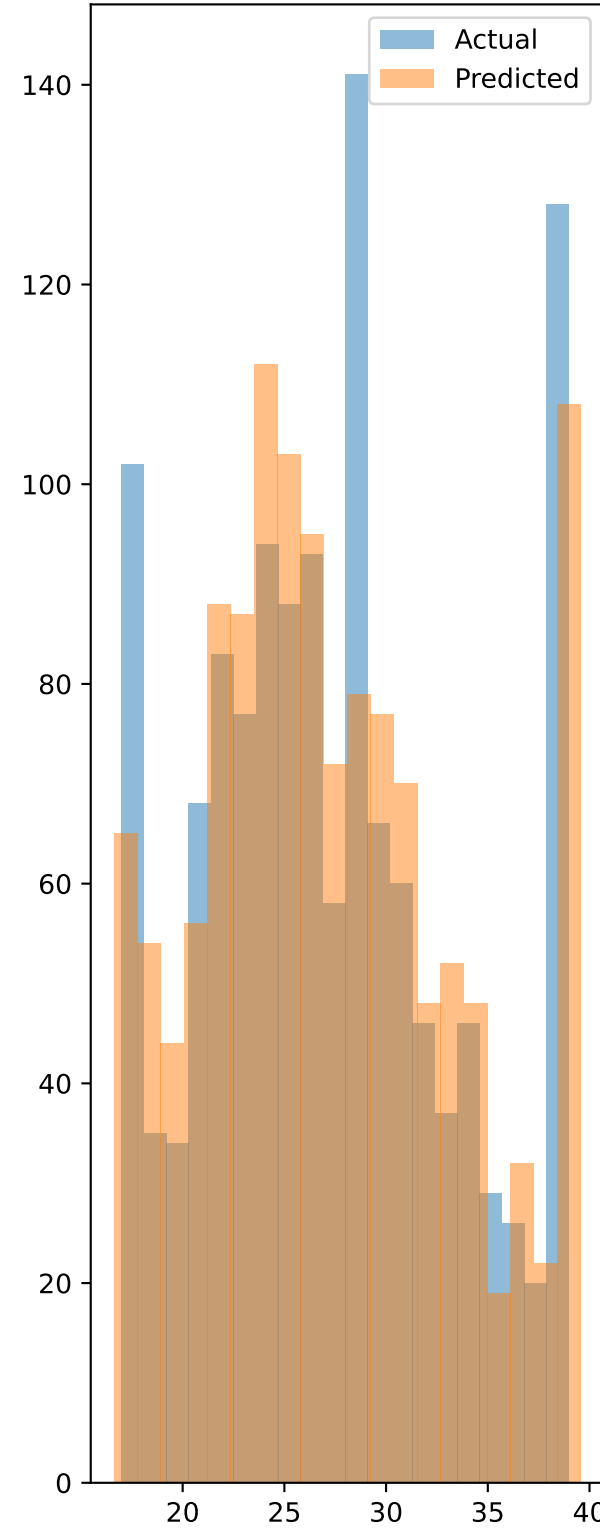




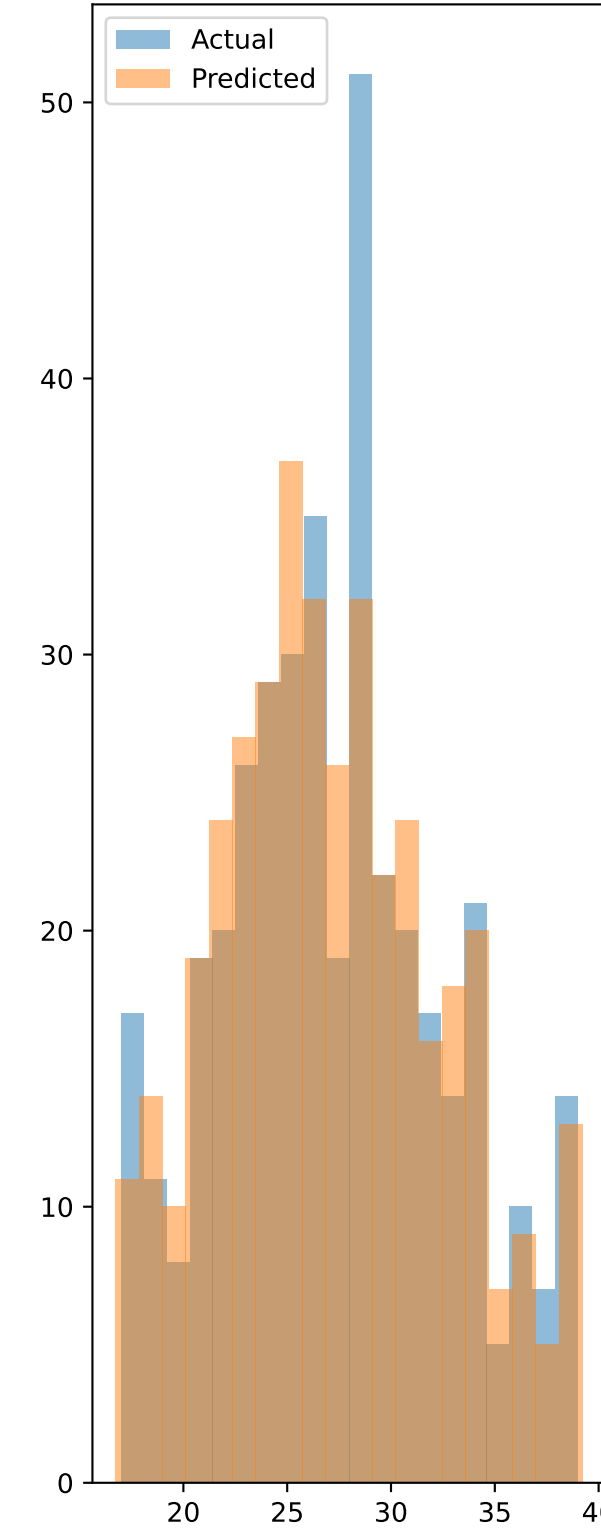
Distribution XGB model for
Calculated Total CO2
White group
R2 score: 0.99
Wasserstein Distance: 0.25



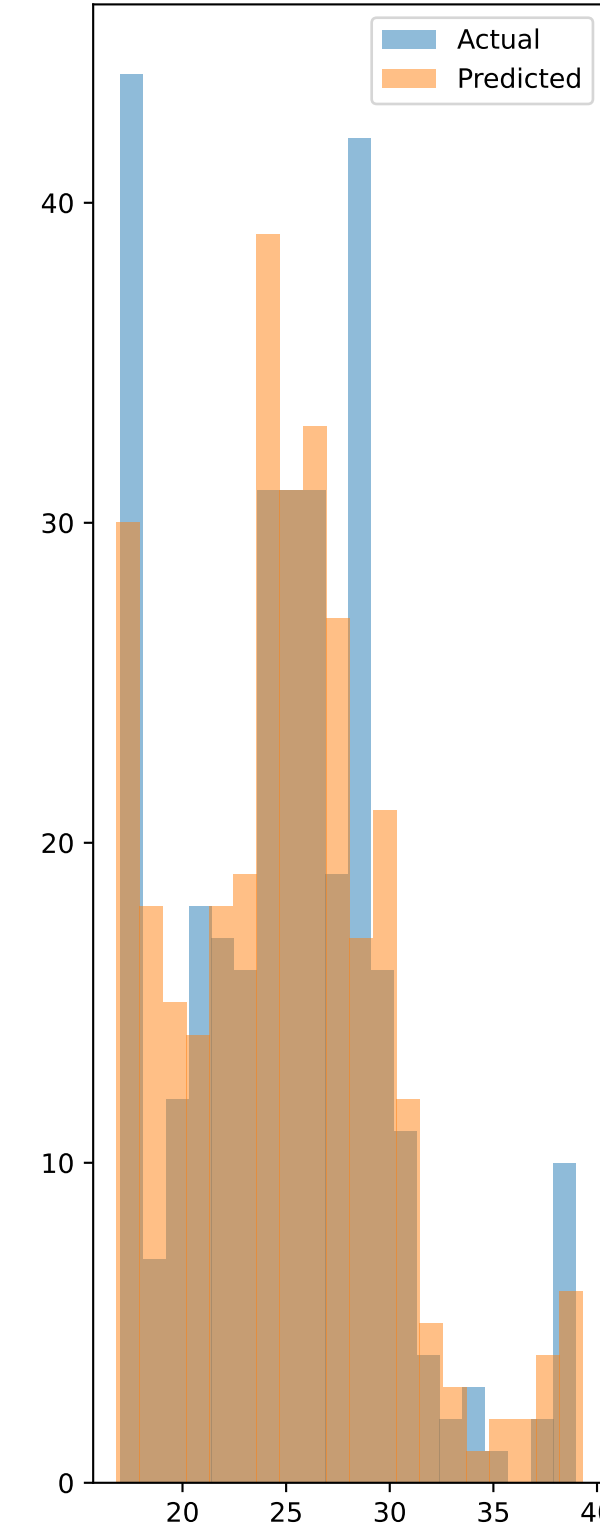
Distribution XGB model for
Calculated Total CO2
Black group
R2 score: 0.99
Wasserstein Distance: 0.24



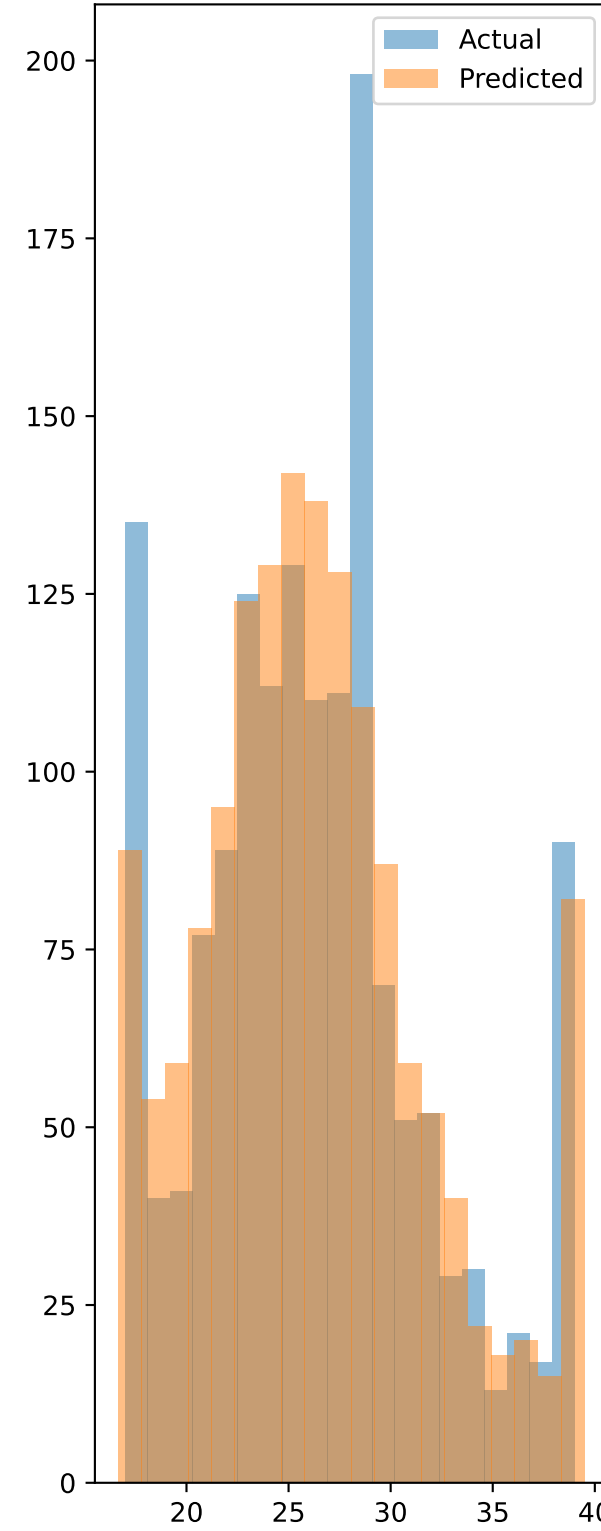
Distribution XGB model for
Calculated Total CO2
Hispanic group
R2 score: 0.98
Wasserstein Distance: 0.26



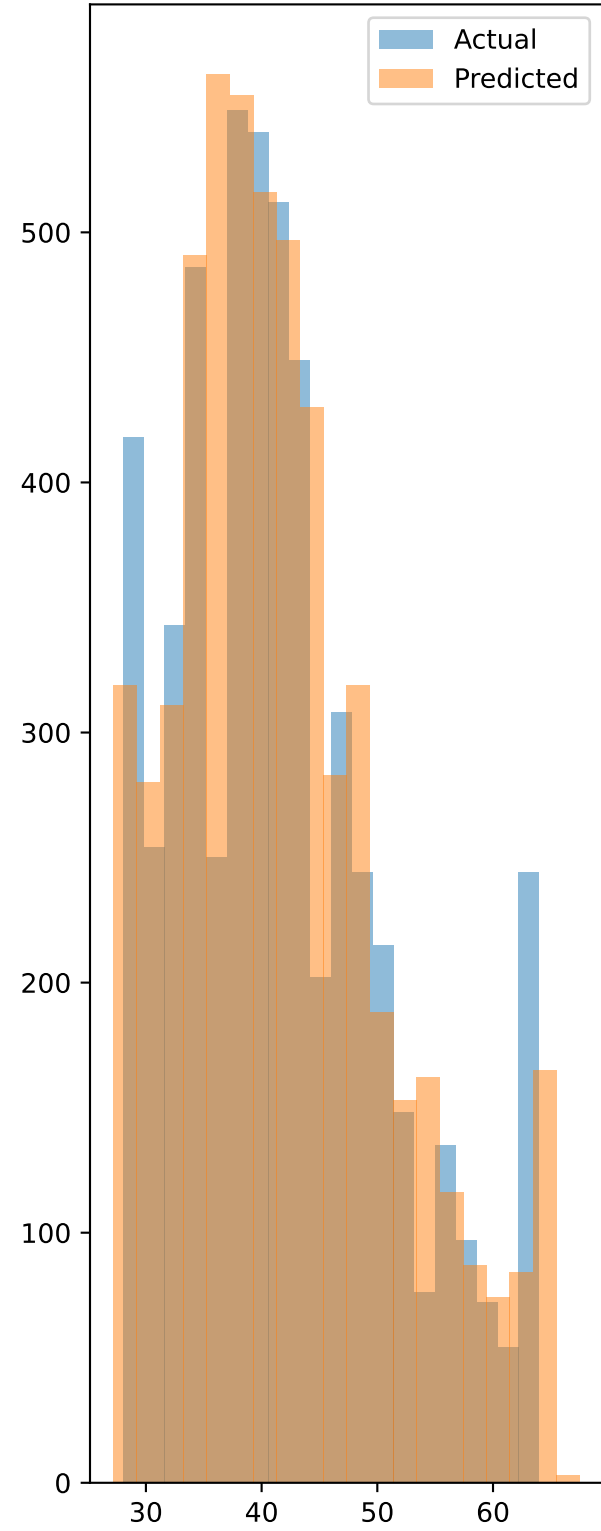
Distribution XGB model for
Calculated Total CO2
Asian group
R2 score: 0.99
Wasserstein Distance: 0.26



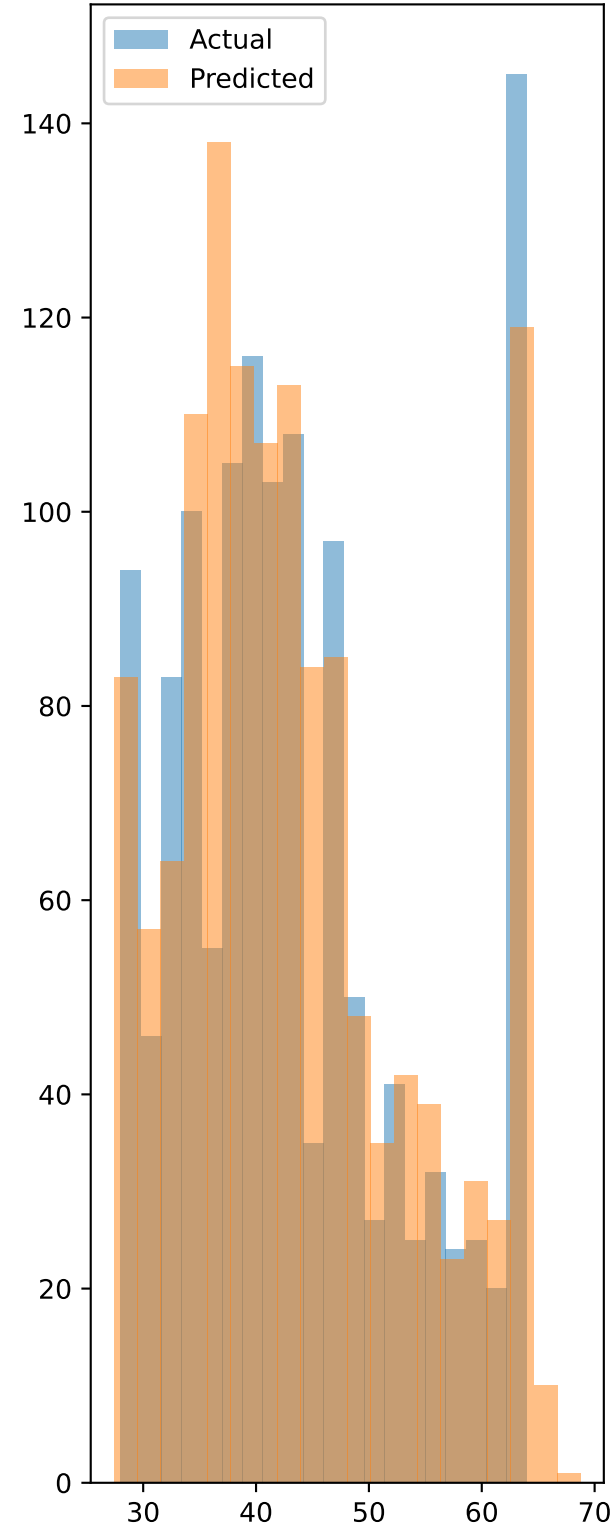
Distribution XGB model for
Calculated Total CO2
Others group
R2 score: 0.99
Wasserstein Distance: 0.25



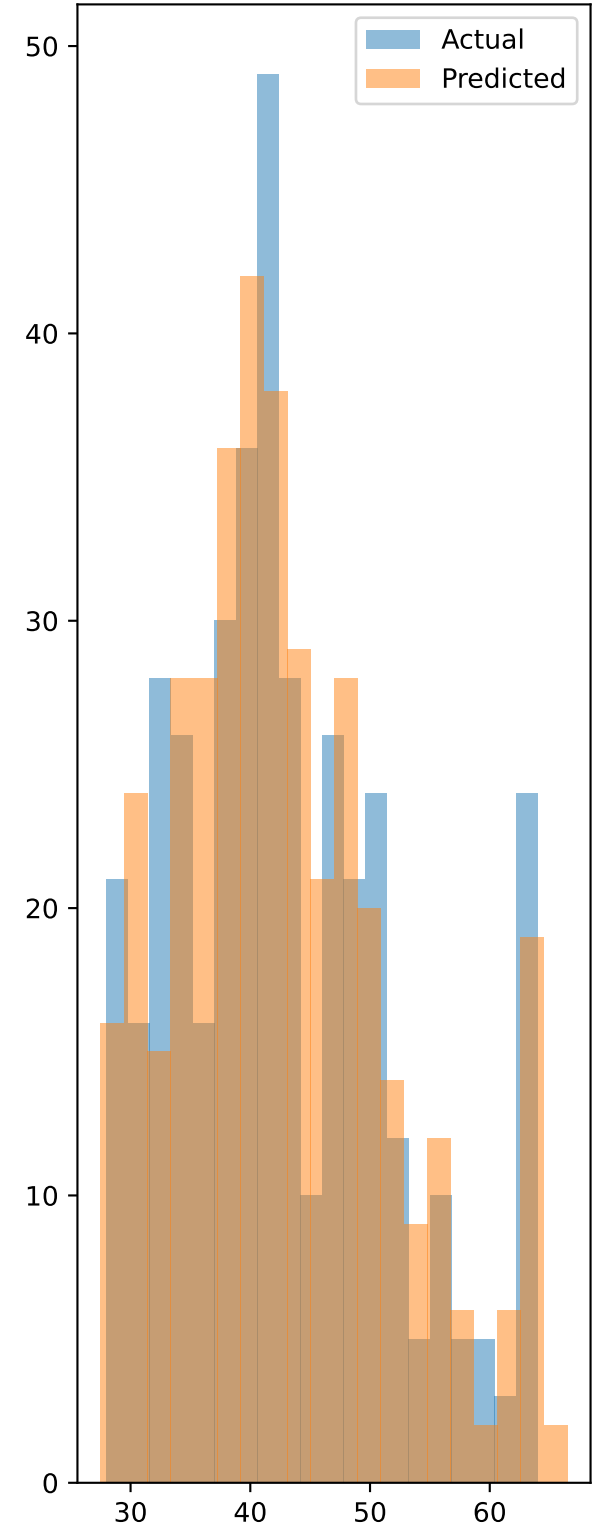
Distribution XGB model for
pCO2
White group
R2 score: 0.97
Wasserstein Distance: 0.33



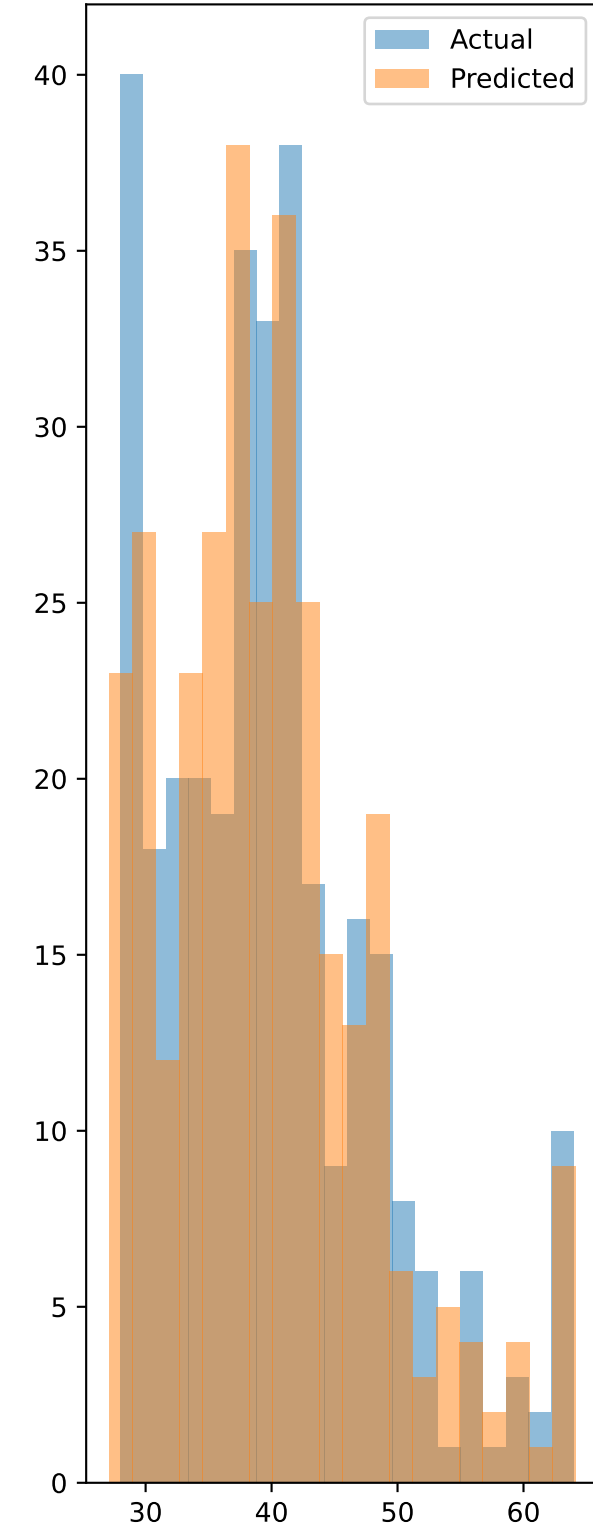
Distribution XGB model for
pCO2
Black group
R2 score: 0.98
Wasserstein Distance: 0.38



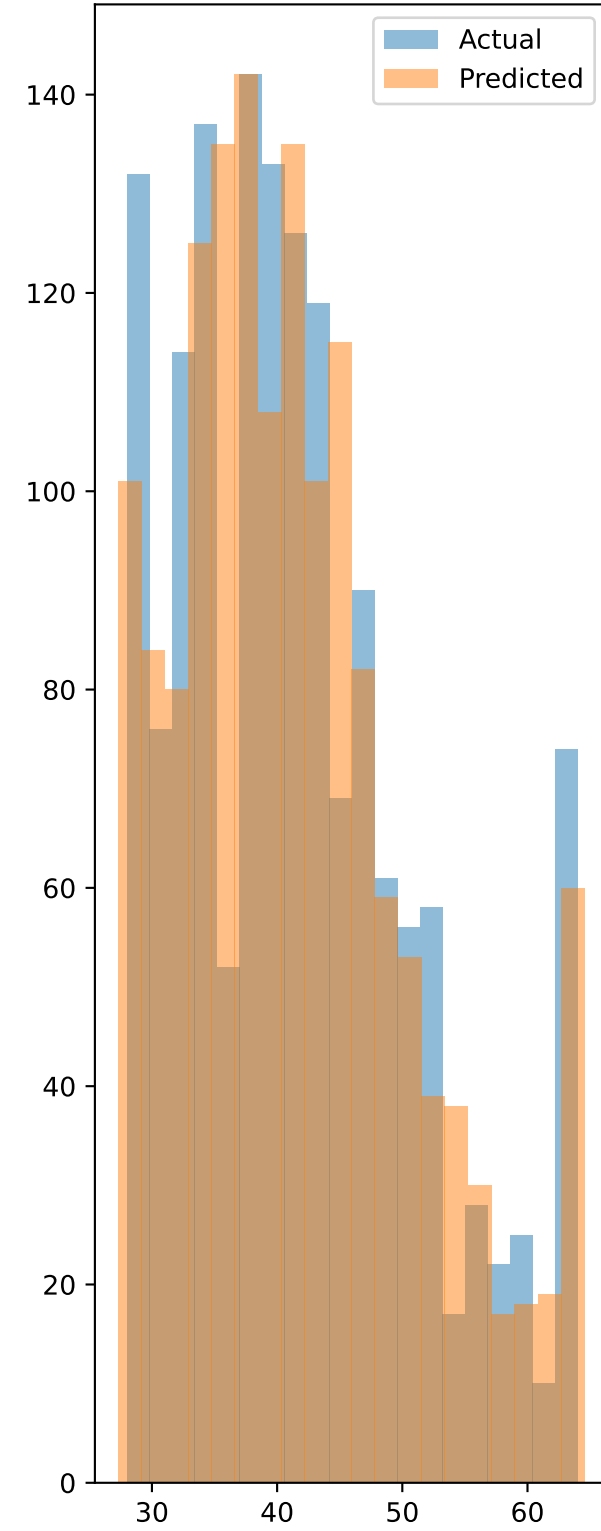
Distribution XGB model for
pCO2
Hispanic group
R2 score: 0.98
Wasserstein Distance: 0.38



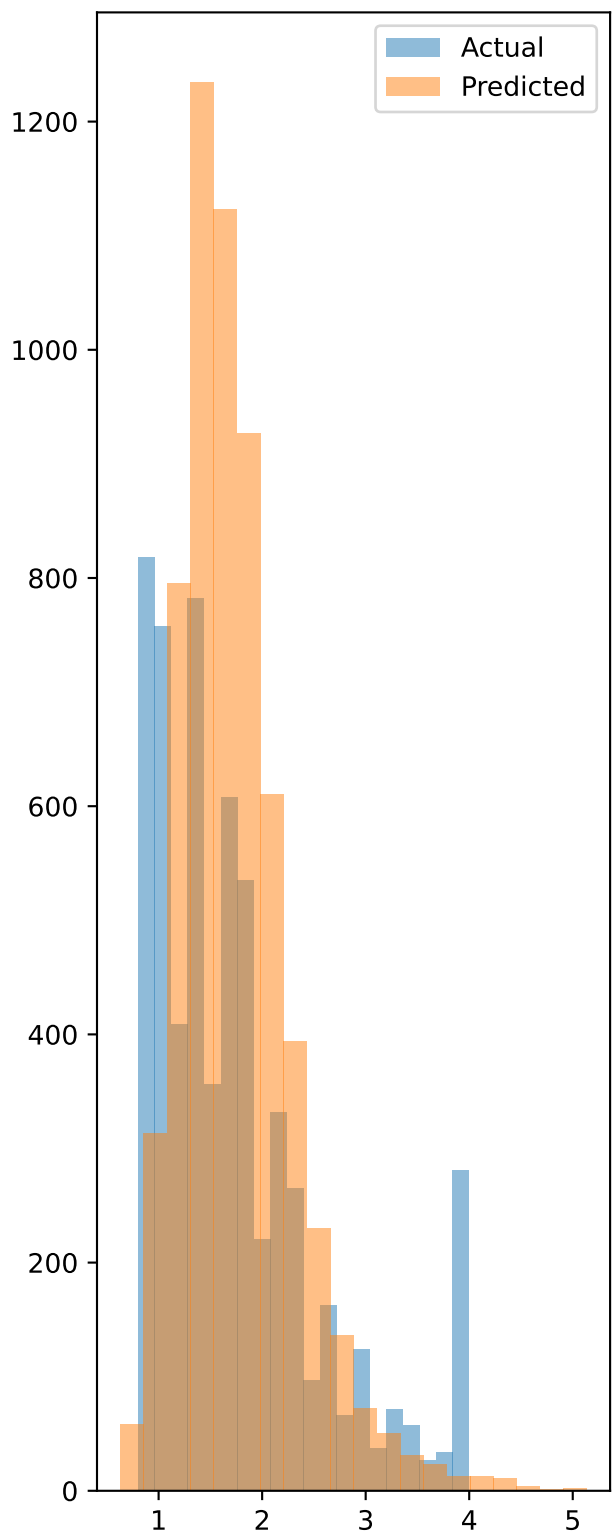
Distribution XGB model for
pCO2
Asian group
R2 score: 0.95
Wasserstein Distance: 0.44



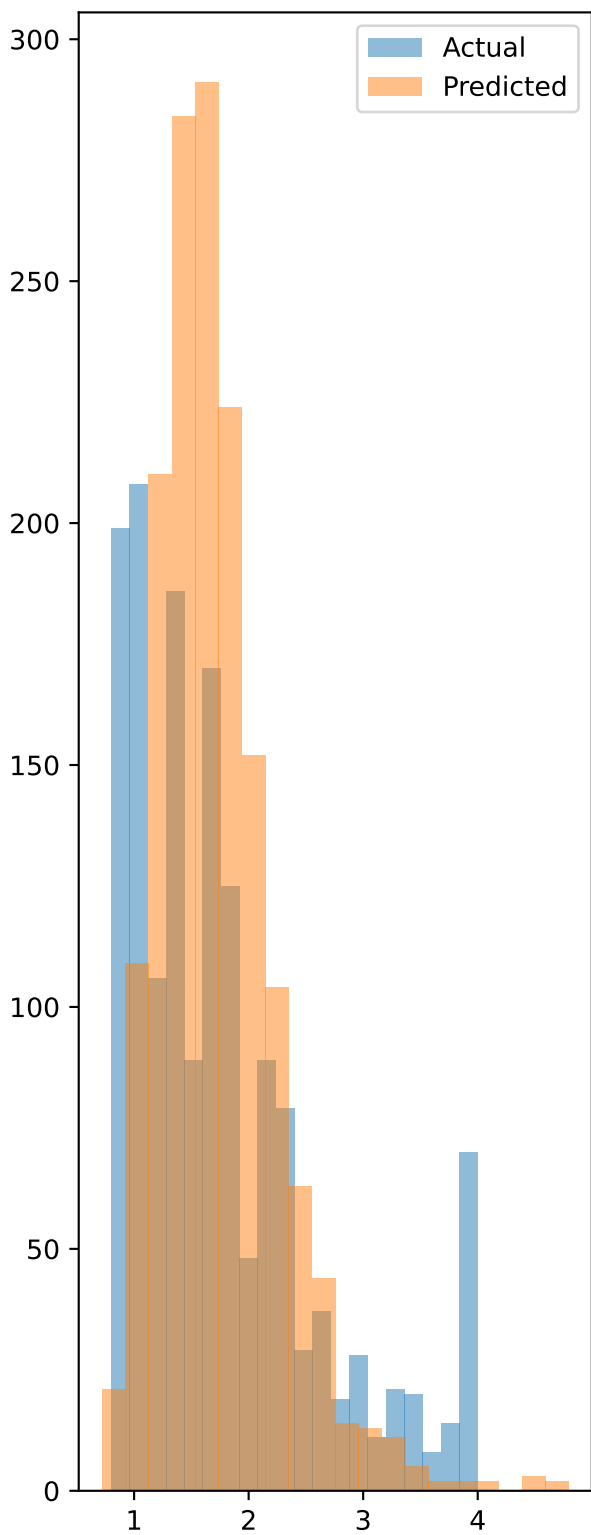
Distribution XGB model for
pCO2
Others group
R2 score: 0.97
Wasserstein Distance: 0.37



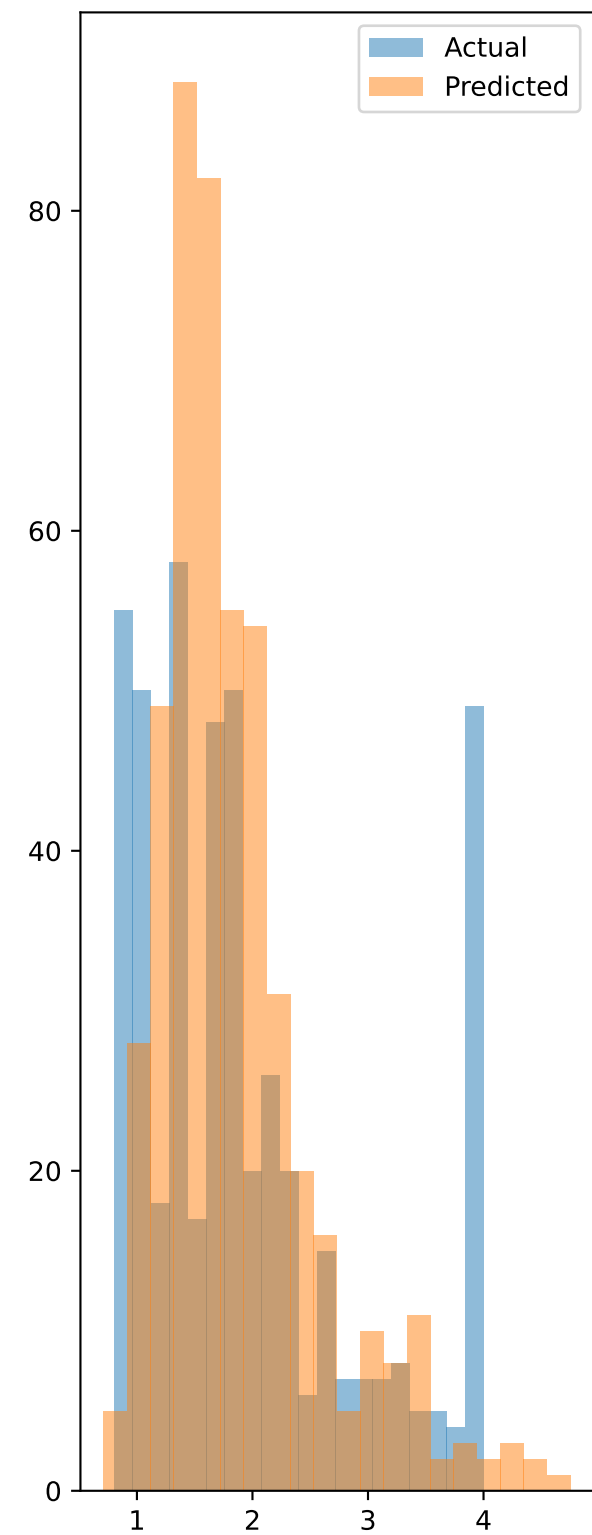
Distribution XGB model for
Lactate
White group
R2 score: 0.45
Wasserstein Distance: 0.23



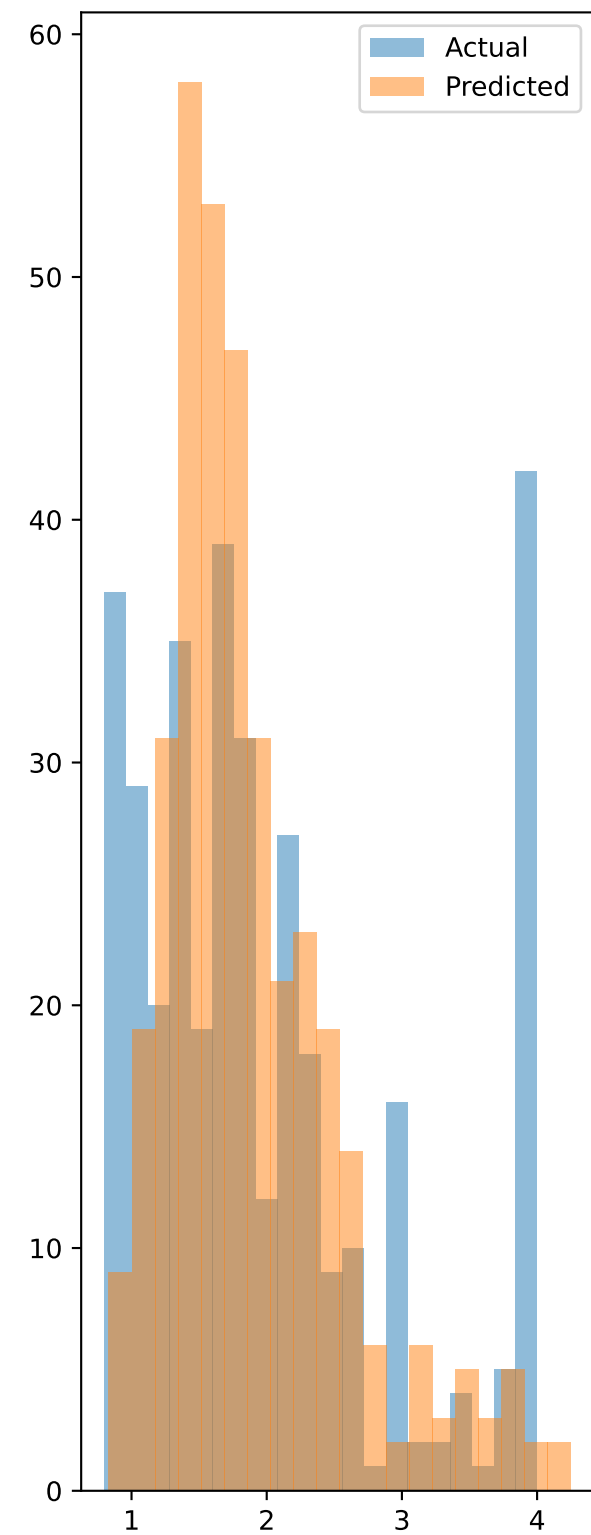
Distribution XGB model for
Lactate
Black group
R2 score: 0.40
Wasserstein Distance: 0.25



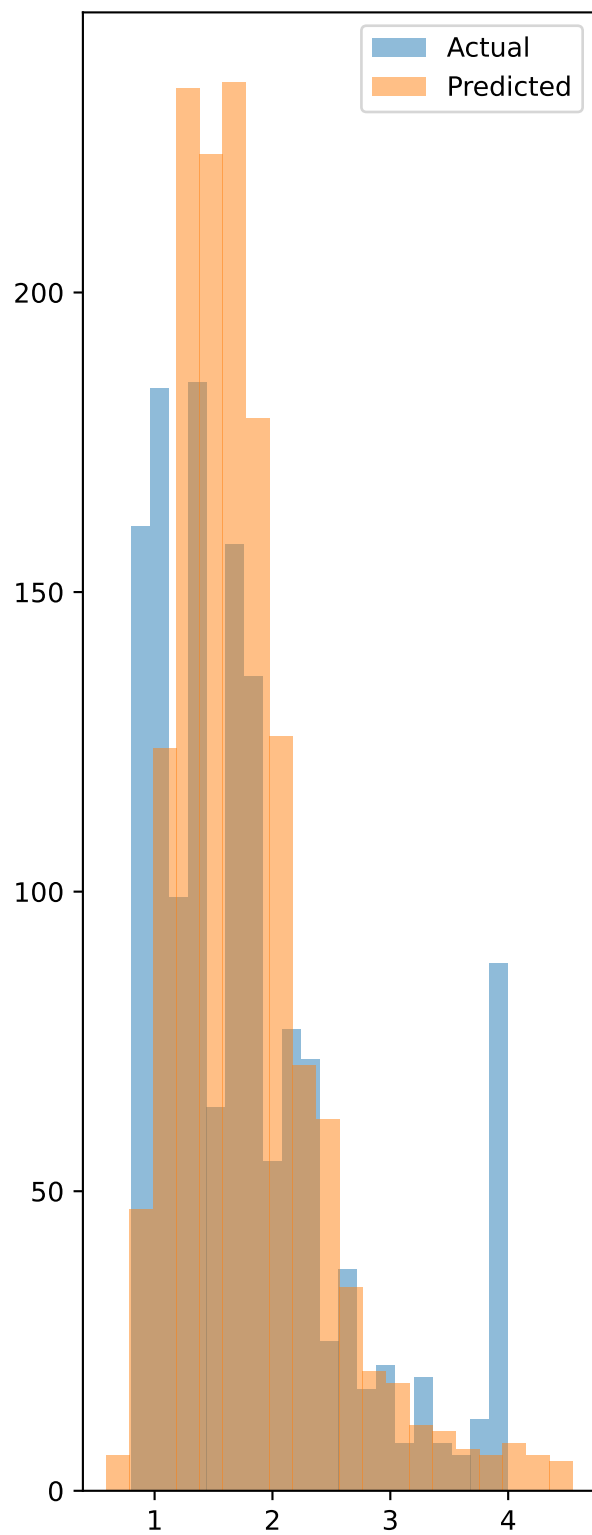
Distribution XGB model for
Lactate
Hispanic group
R2 score: 0.51
Wasserstein Distance: 0.27



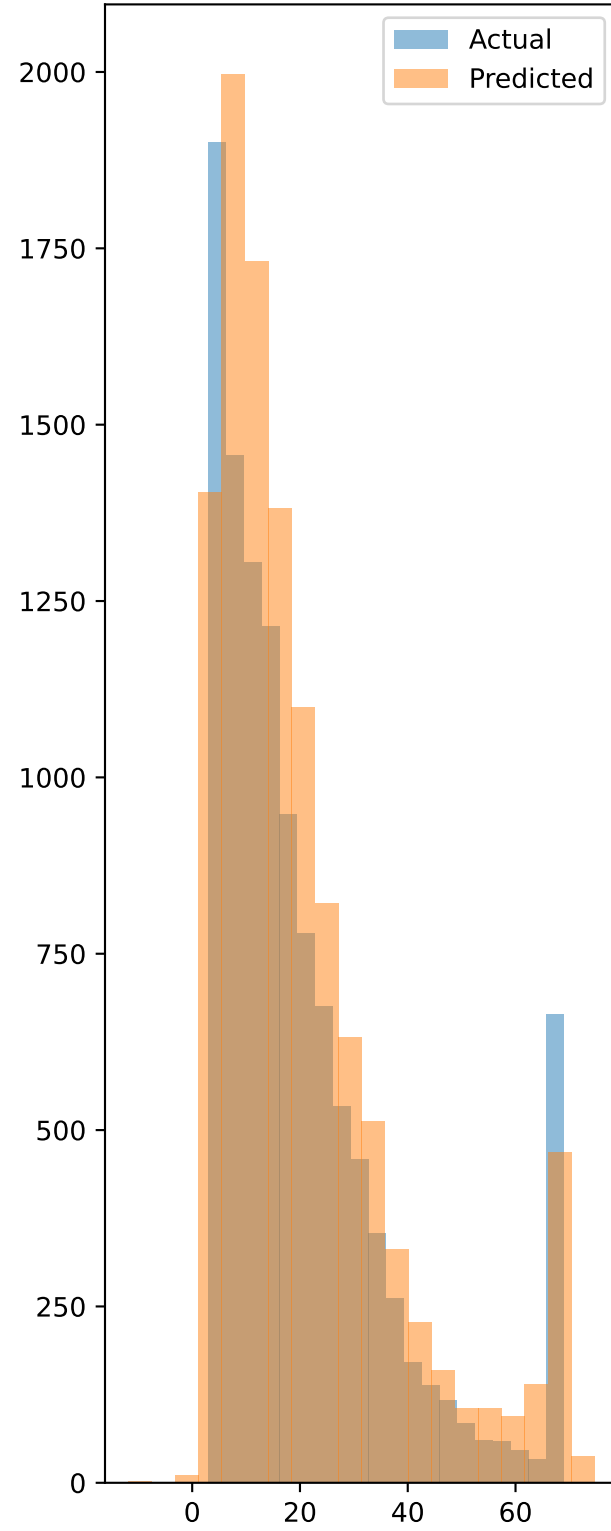
Distribution XGB model for
Lactate
Asian group
R2 score: 0.51
Wasserstein Distance: 0.28



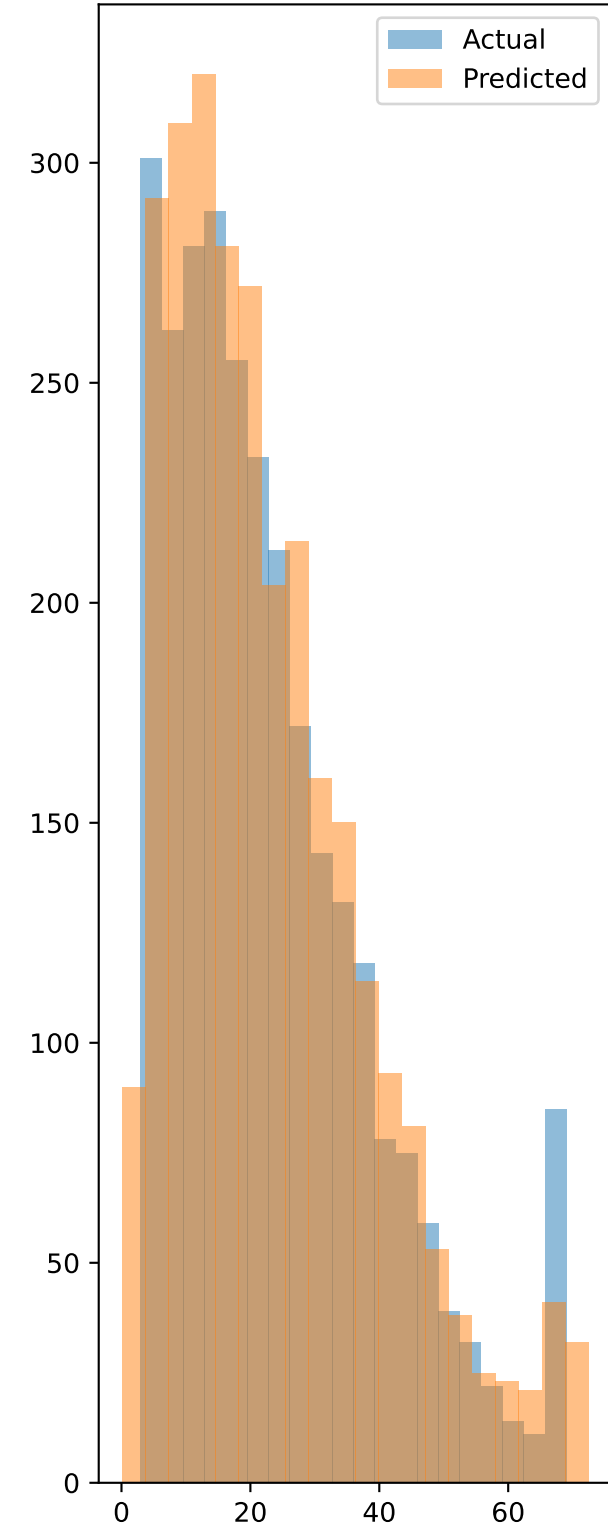
Distribution XGB model for
Lactate
Others group
R2 score: 0.49
Wasserstein Distance: 0.20



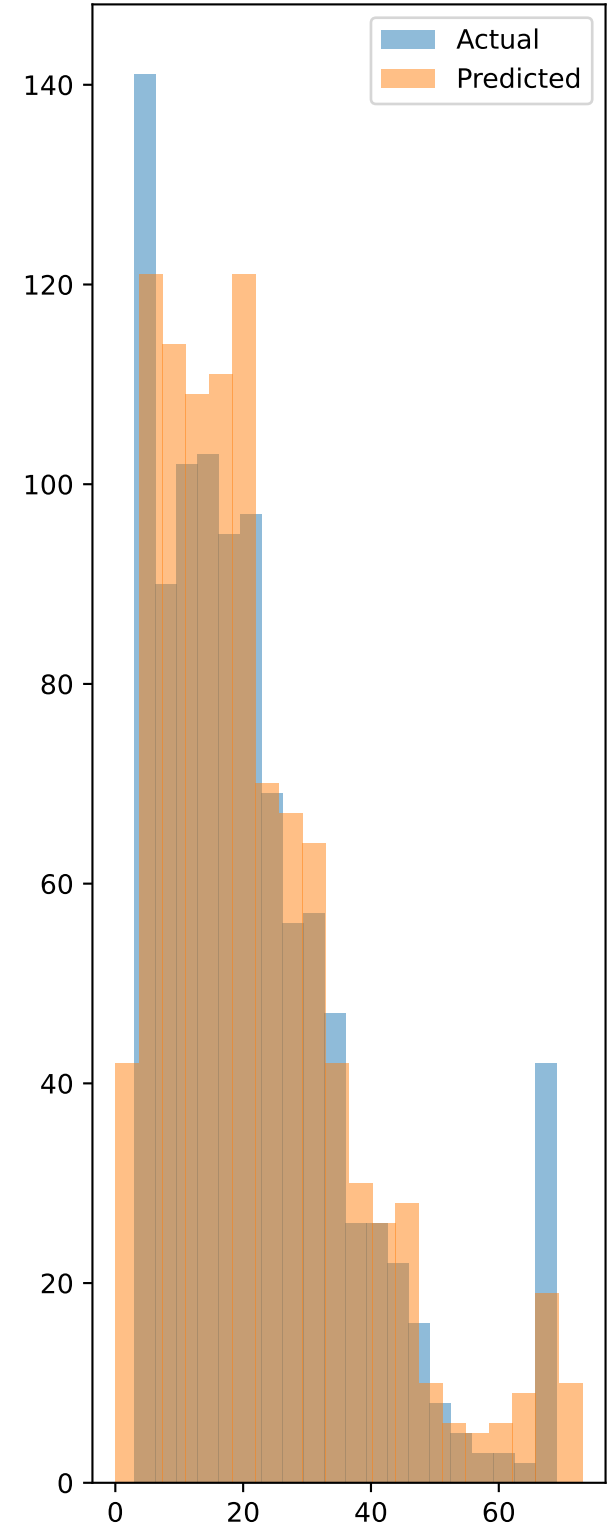
Distribution XGB model for
Lymphocytes
White group
R2 score: 0.97
Wasserstein Distance: 0.29



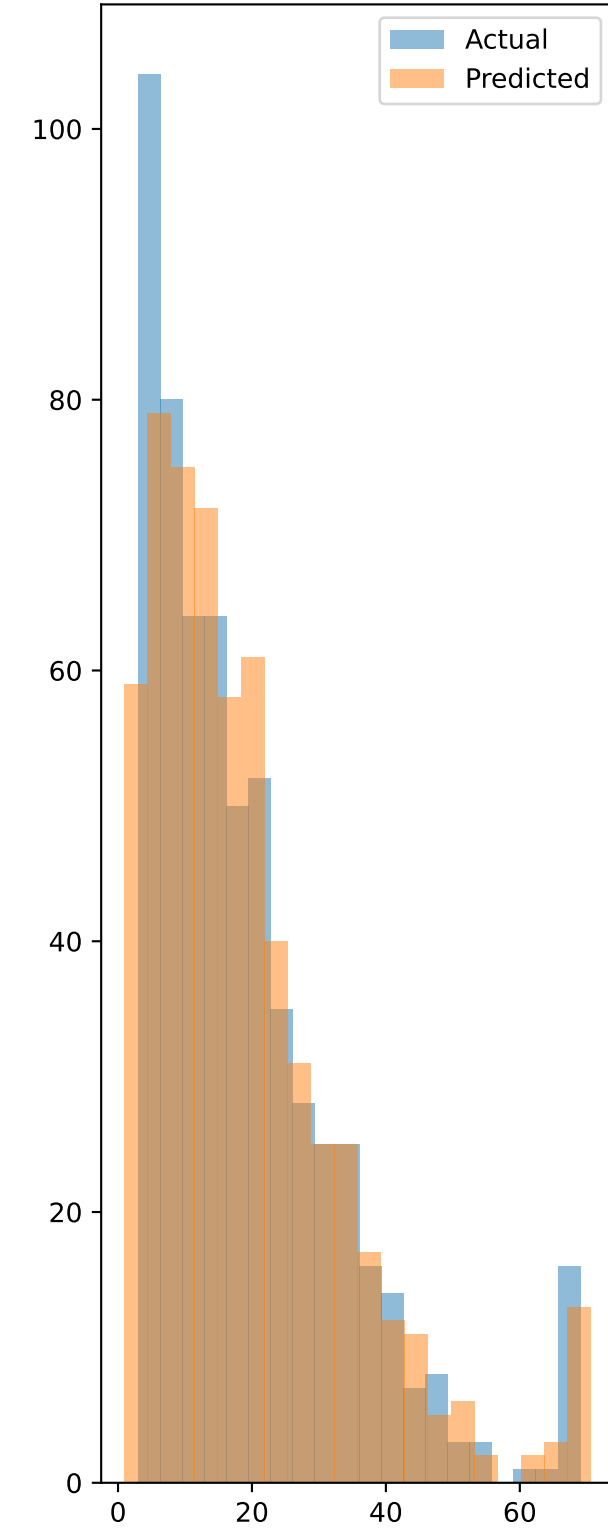
Distribution XGB model for
Lymphocytes
Black group
R2 score: 0.97
Wasserstein Distance: 0.22



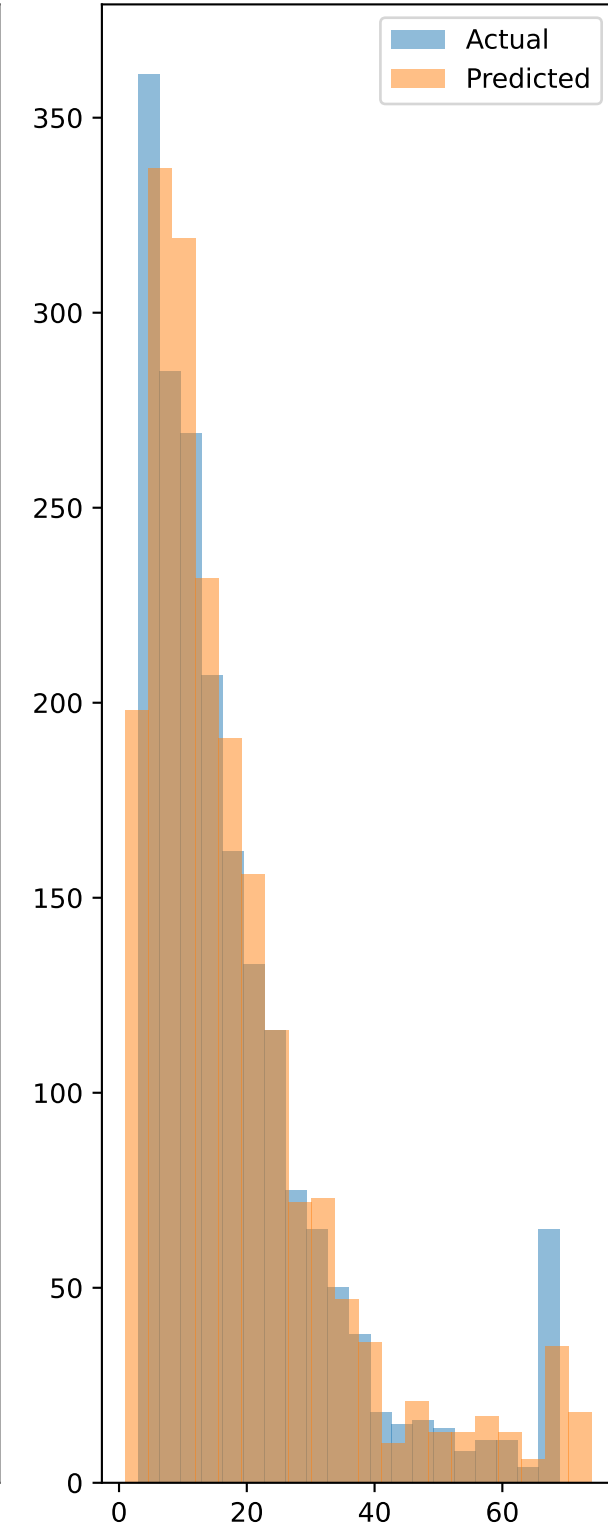
Distribution XGB model for
Lymphocytes
Hispanic group
R2 score: 0.97
Wasserstein Distance: 0.37



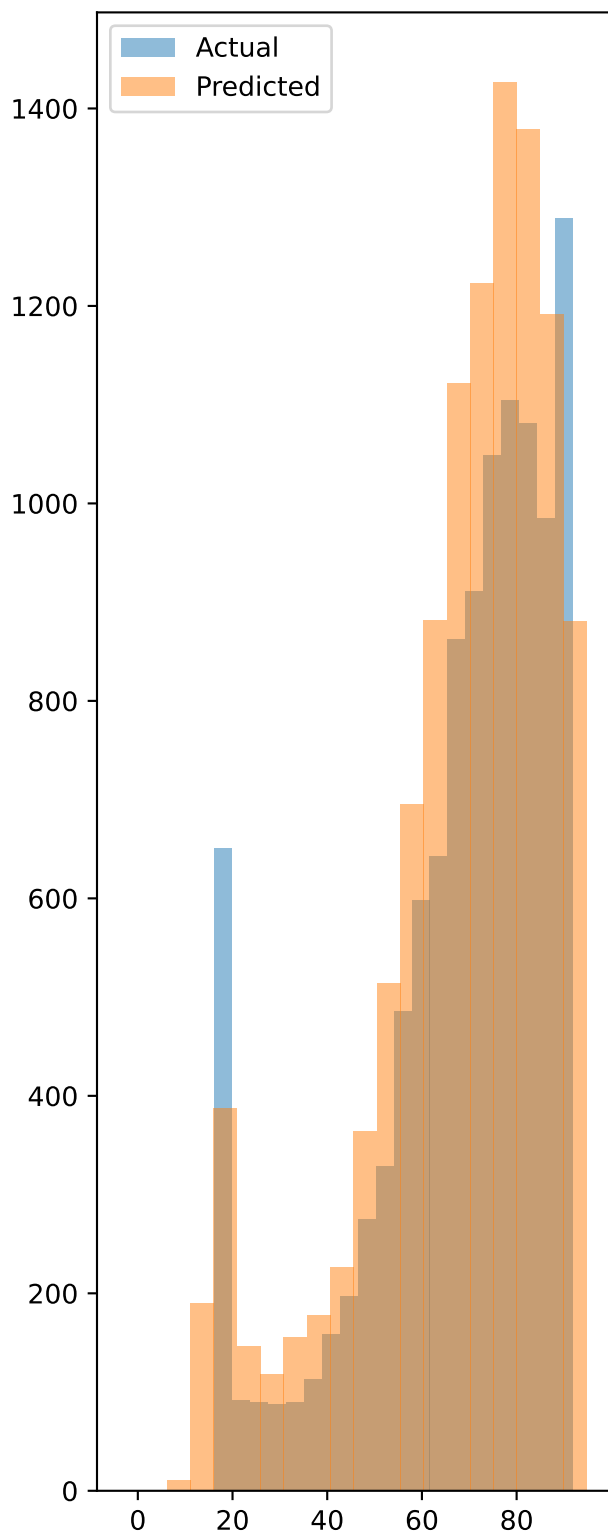
Distribution XGB model for
Lymphocytes
Asian group
R2 score: 0.97
Wasserstein Distance: 0.31



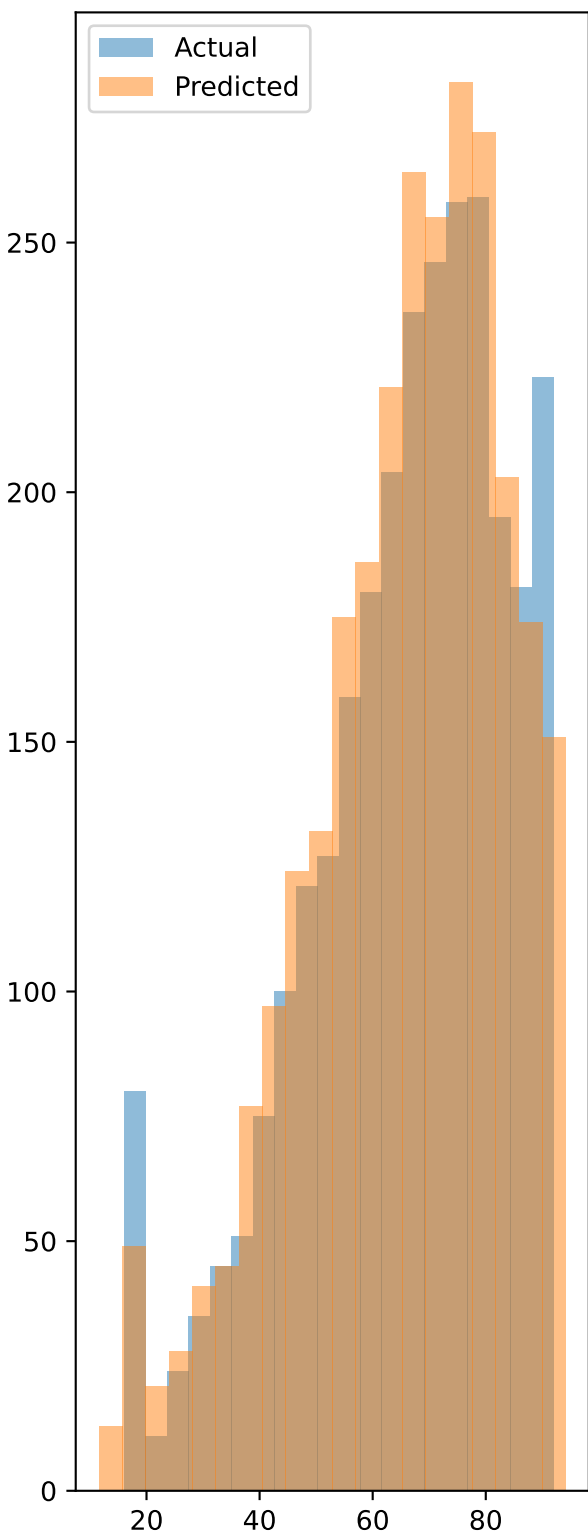
Distribution XGB model for
Lymphocytes
Others group
R2 score: 0.98
Wasserstein Distance: 0.25



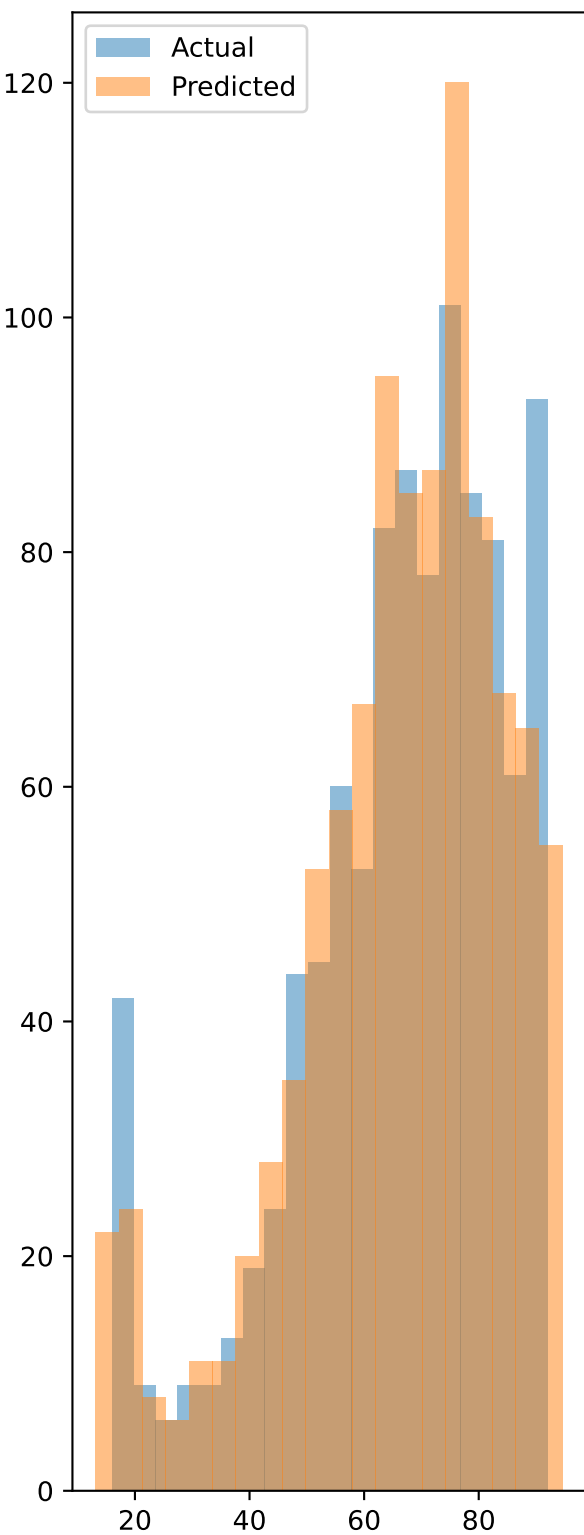
Distribution XGB model for
Neutrophils
White group
R2 score: 0.98
Wasserstein Distance: 0.41



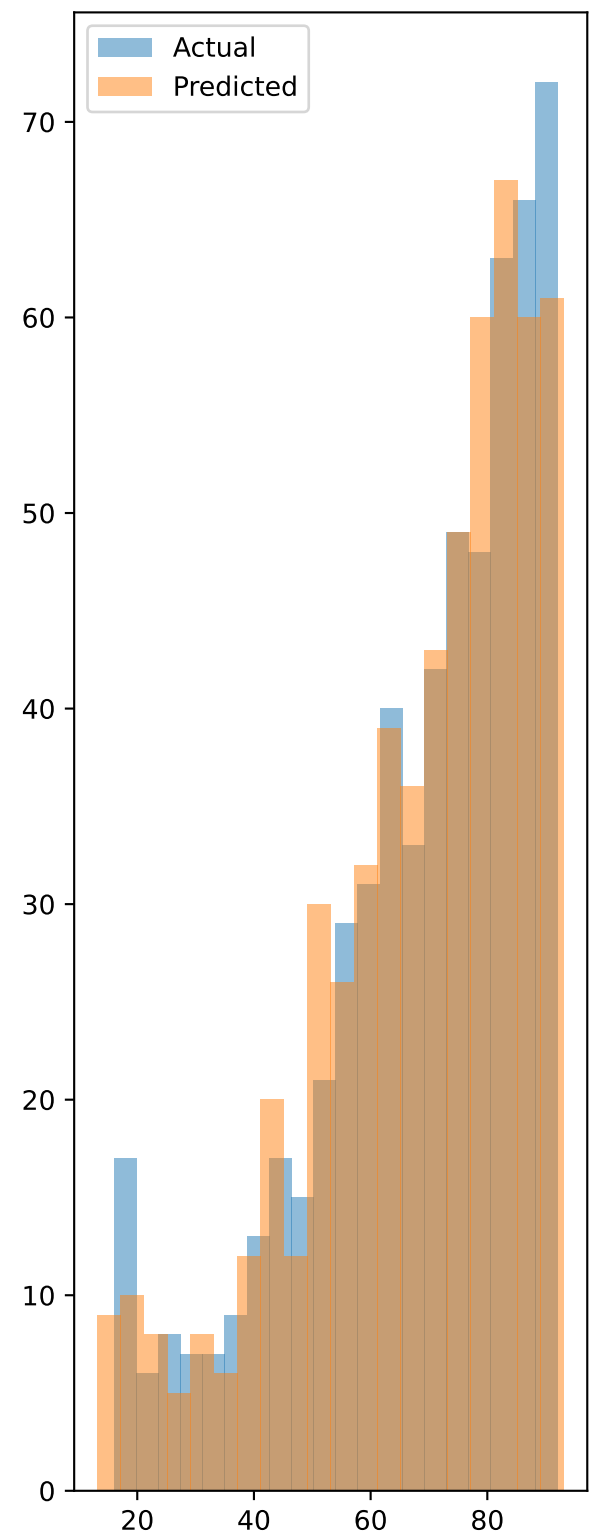
Distribution XGB model for
Neutrophils
Black group
R2 score: 0.97
Wasserstein Distance: 0.29



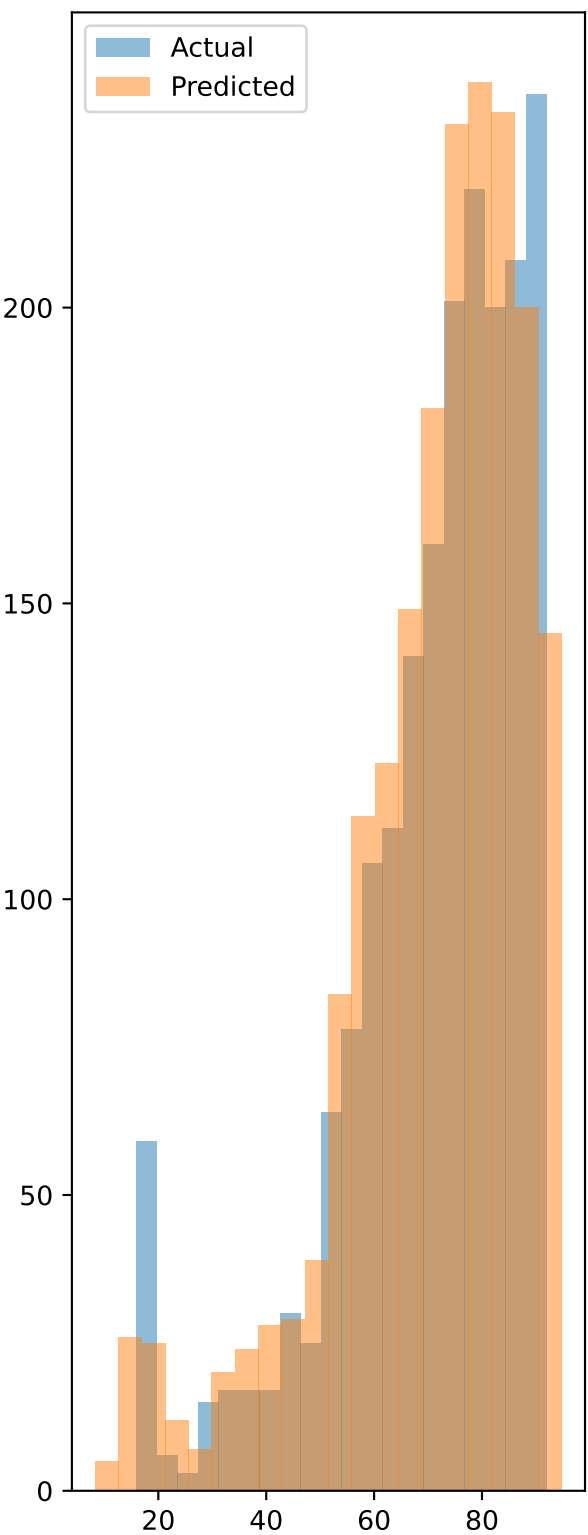
Distribution XGB model for
Neutrophils
Hispanic group
R2 score: 0.97
Wasserstein Distance: 0.37



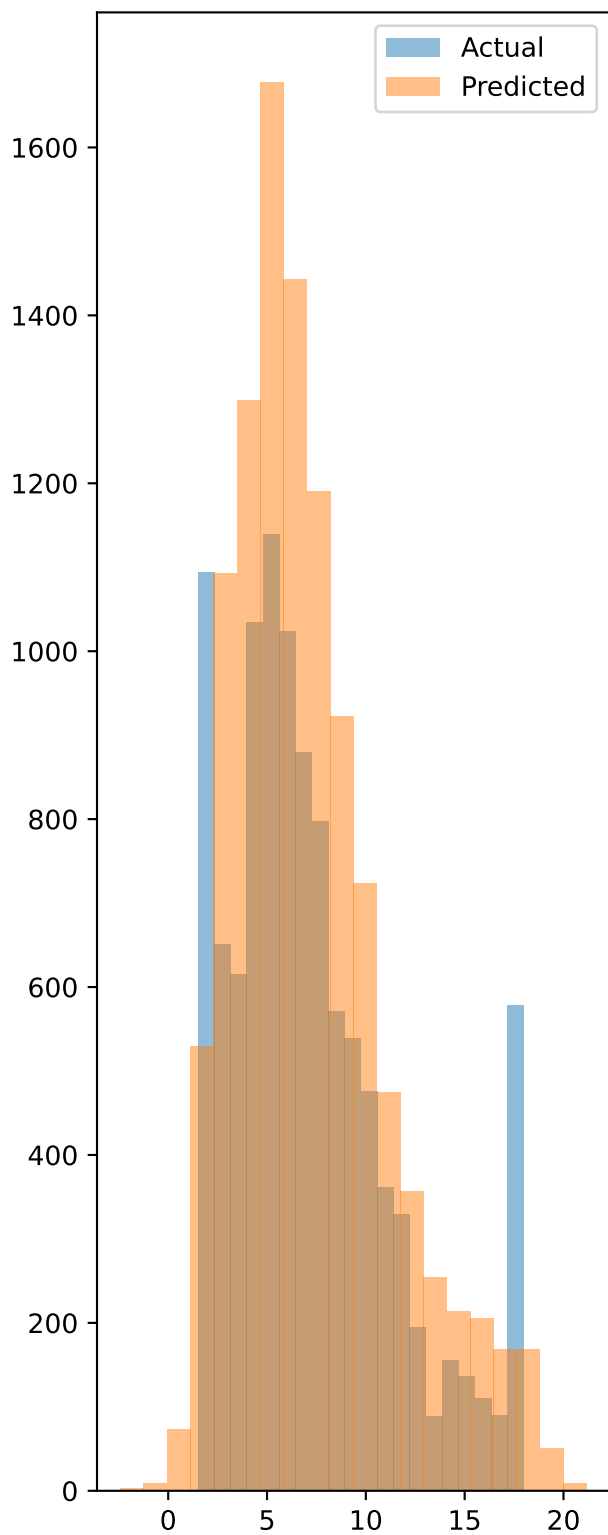
Distribution XGB model for
Neutrophils
Asian group
R2 score: 0.97
Wasserstein Distance: 0.43



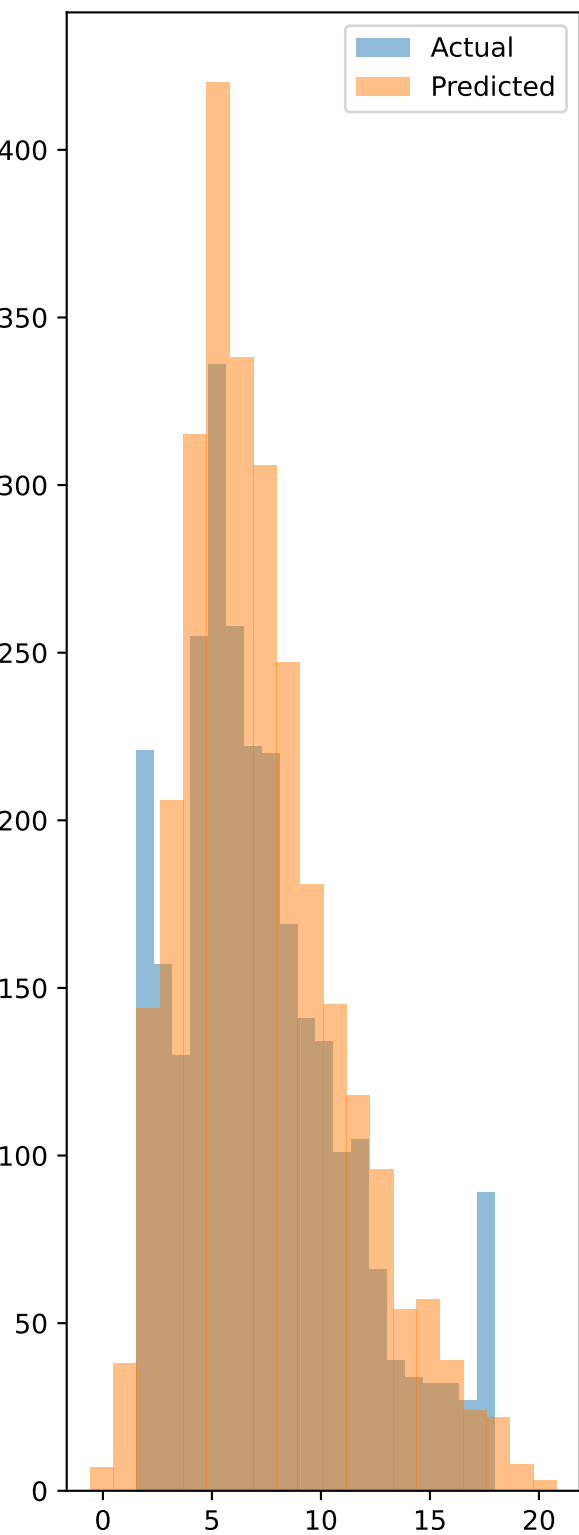
Distribution XGB model for
Neutrophils
Others group
R2 score: 0.98
Wasserstein Distance: 0.35



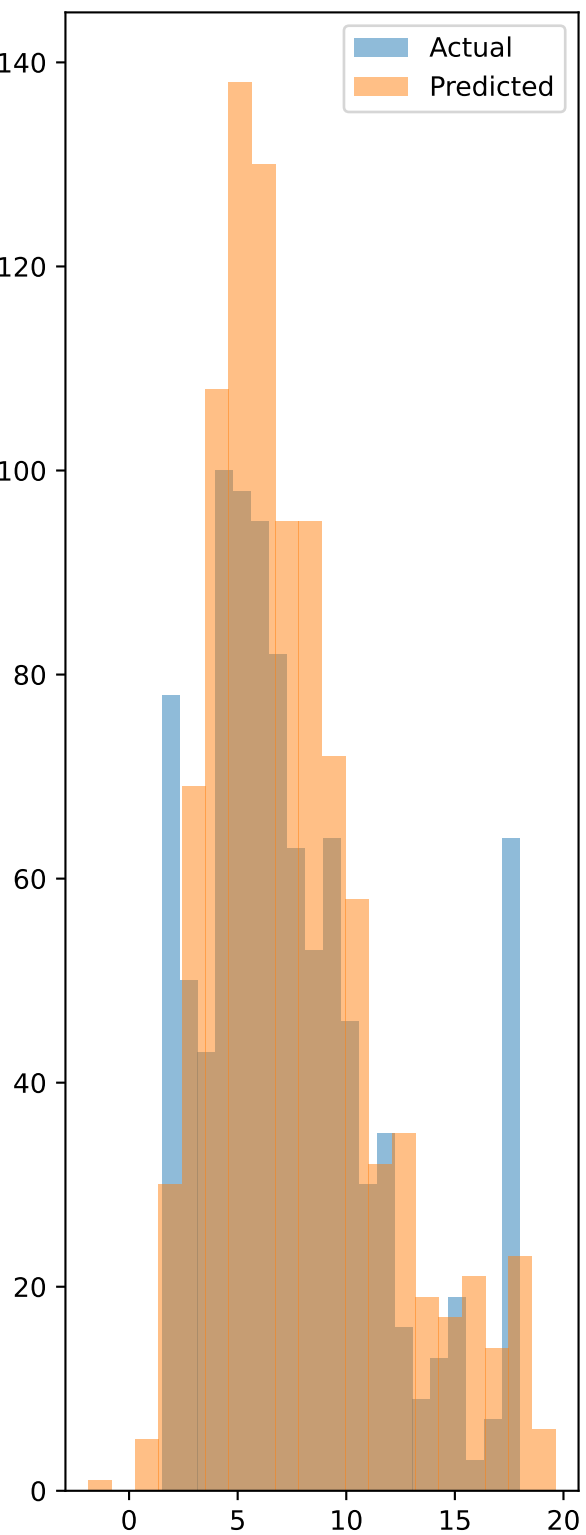
Distribution XGB model for
Monocytes
White group
R2 score: 0.90
Wasserstein Distance: 0.31



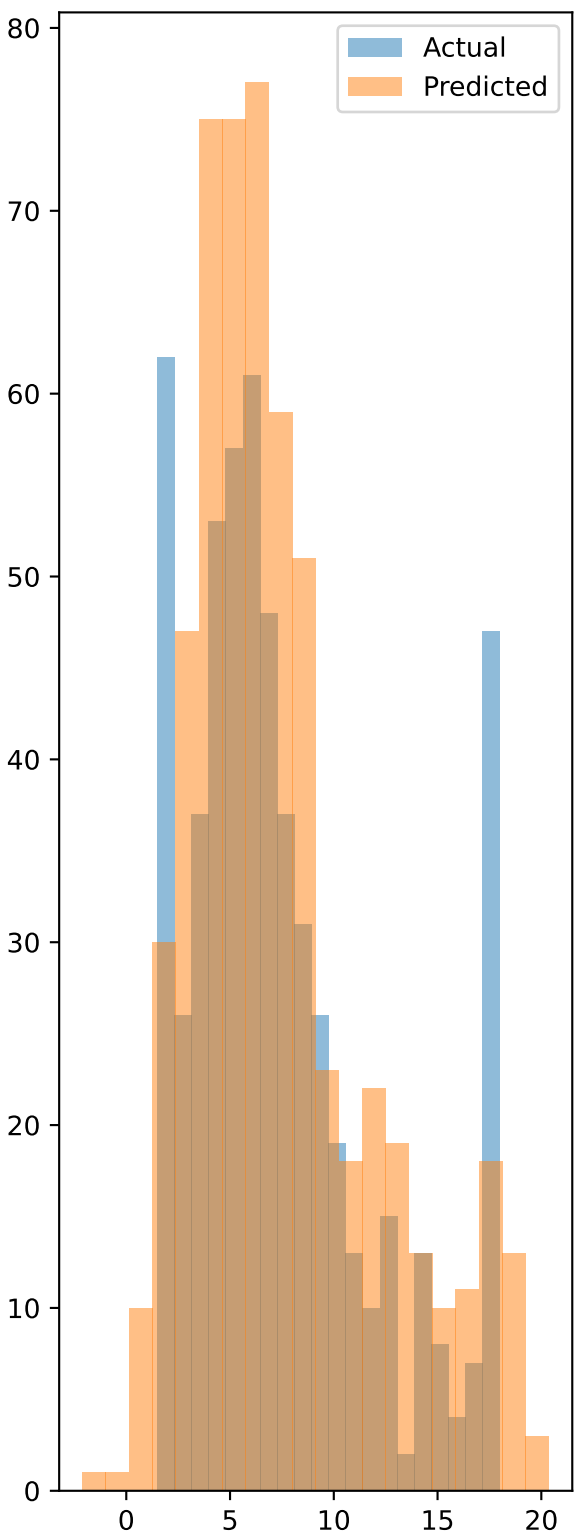
Distribution XGB model for
Monocytes
Black group
R2 score: 0.90
Wasserstein Distance: 0.26



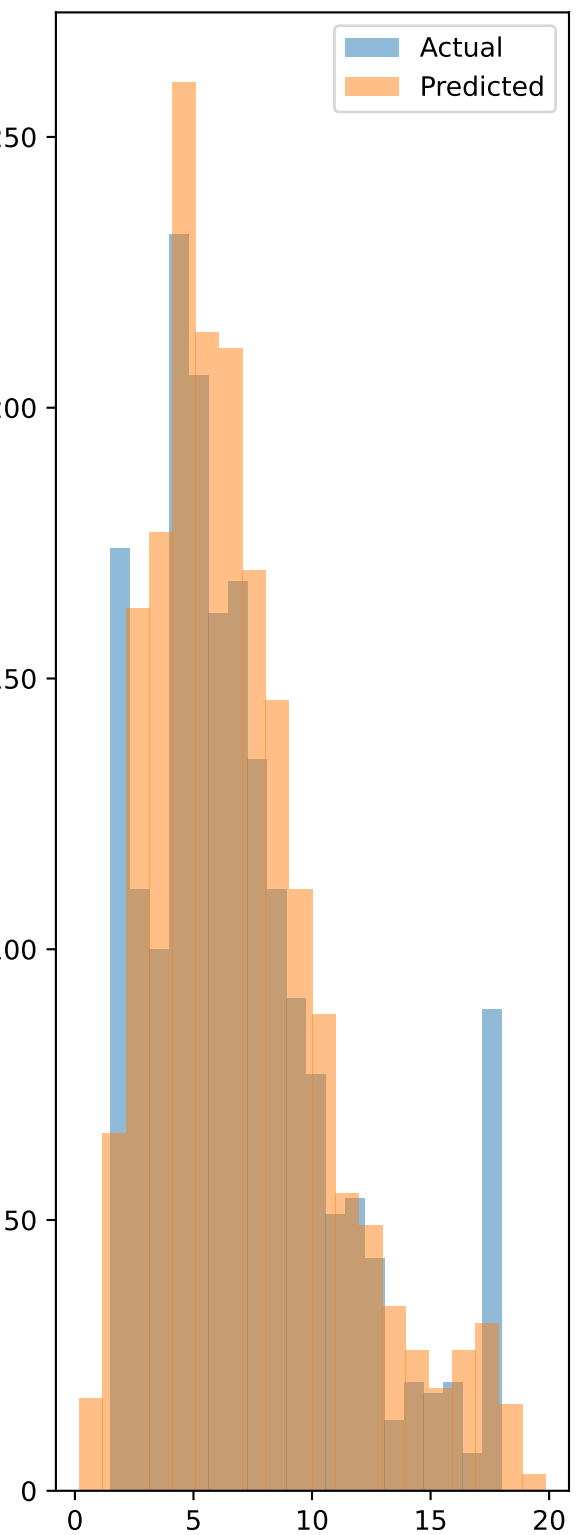
Distribution XGB model for
Monocytes
Hispanic group
R2 score: 0.89
Wasserstein Distance: 0.37



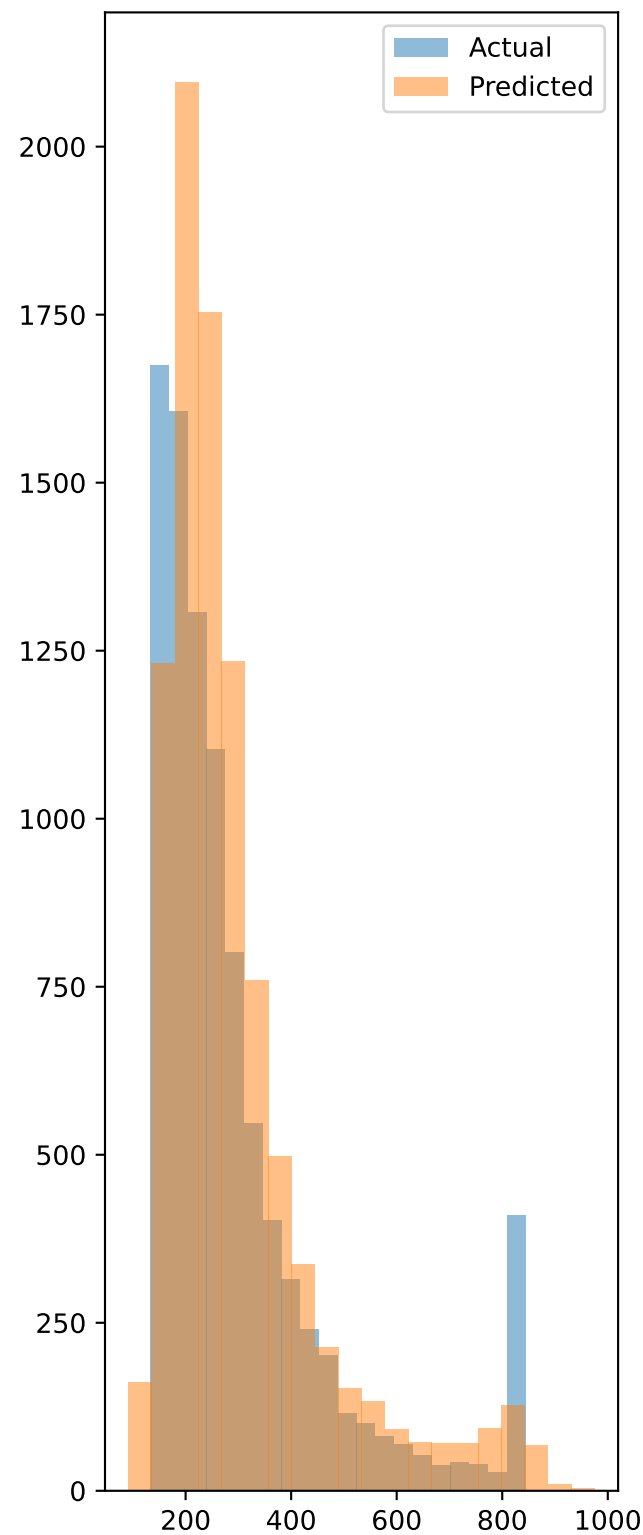
Distribution XGB model for
Monocytes
Asian group
R2 score: 0.95
Wasserstein Distance: 0.28



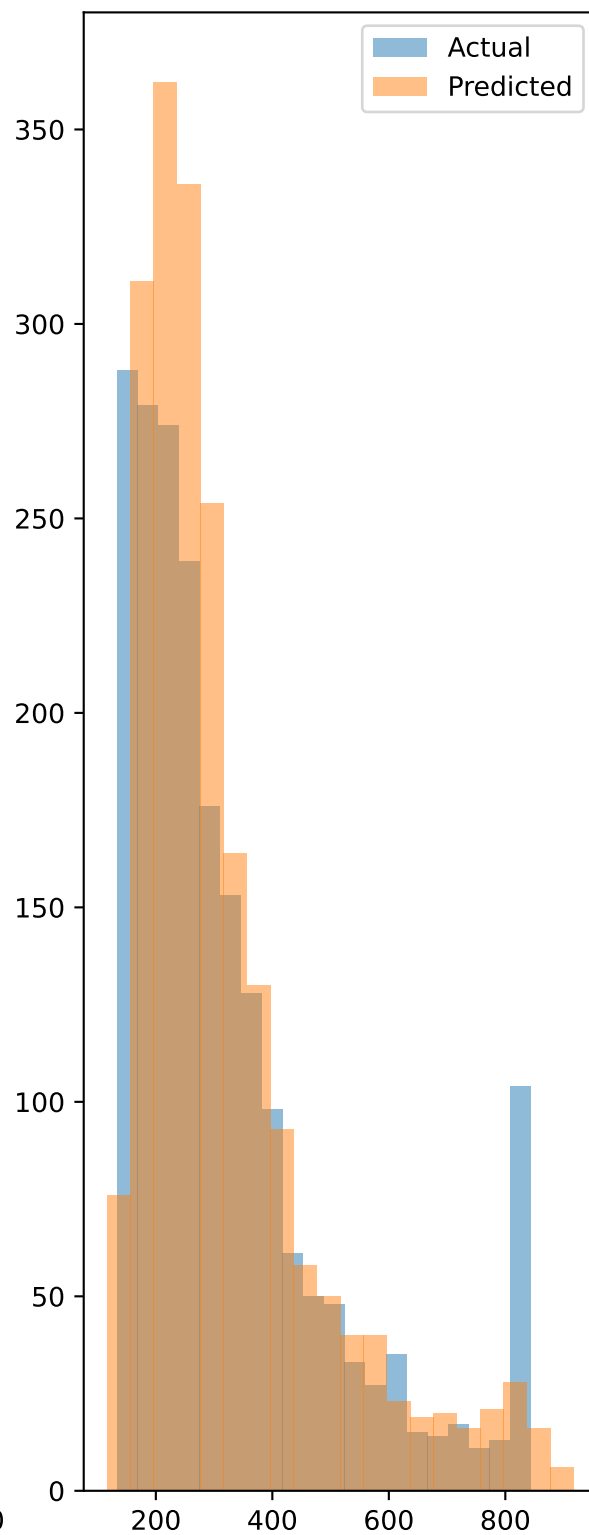
Distribution XGB model for
Monocytes
Others group
R2 score: 0.92
Wasserstein Distance: 0.25



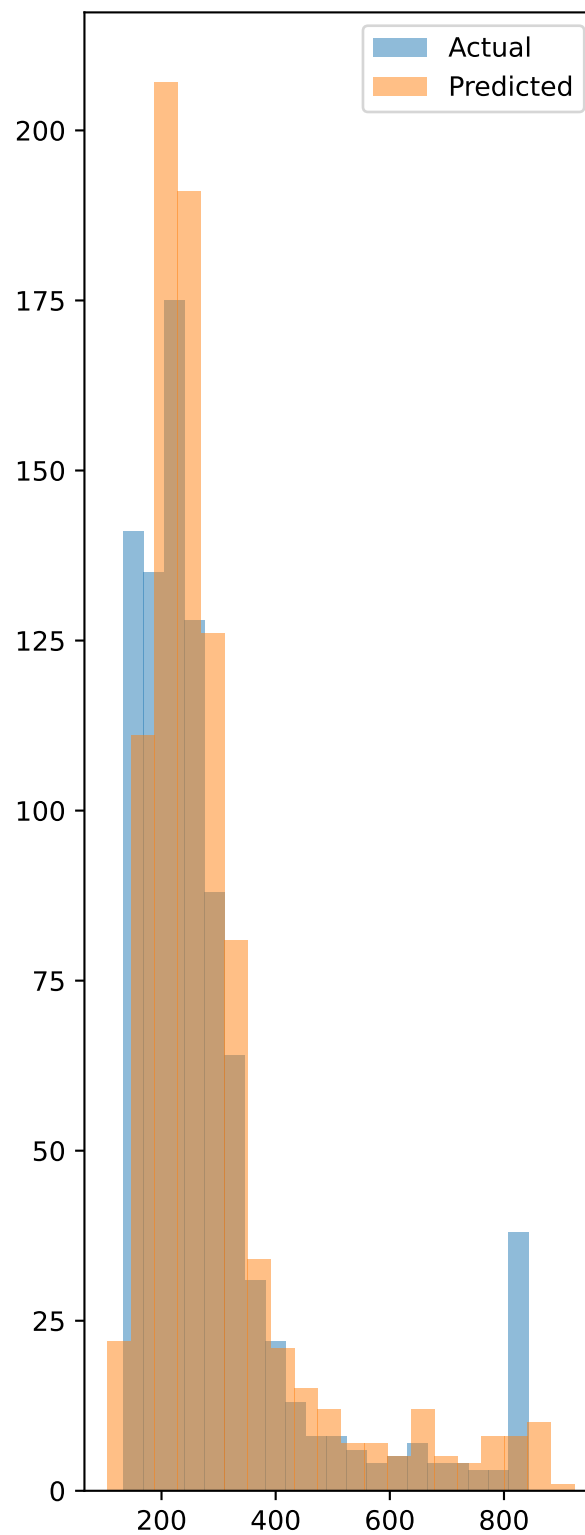
Distribution XGB model for
Lactate Dehydrogenase (LD)
White group
R2 score: 0.78
Wasserstein Distance: 16.73



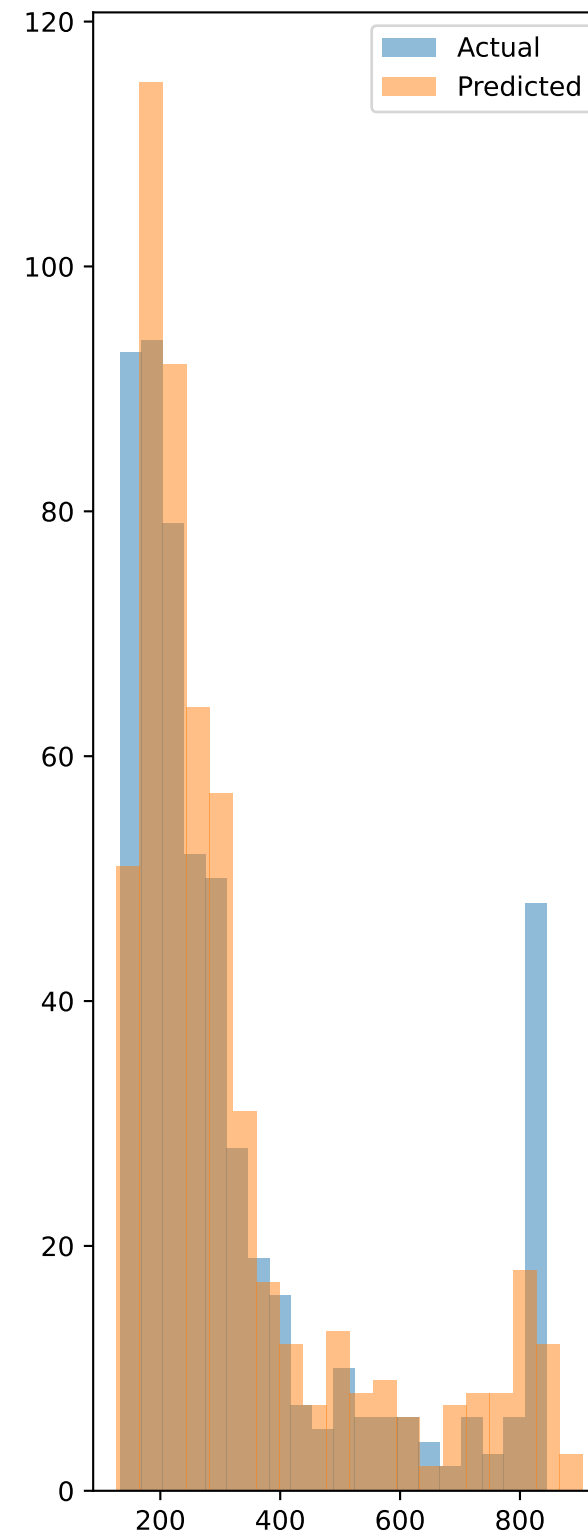
Distribution XGB model for
Lactate Dehydrogenase (LD)
Black group
R2 score: 0.72
Wasserstein Distance: 20.27



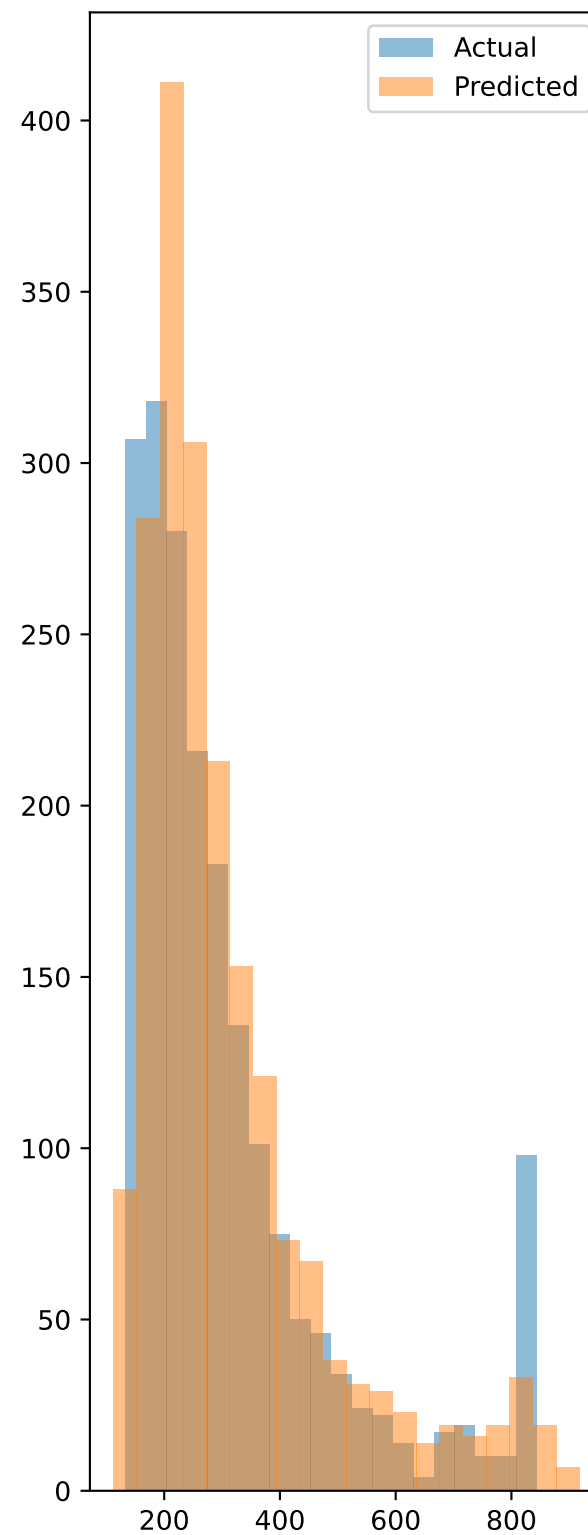
Distribution XGB model for
Lactate Dehydrogenase (LD)
Hispanic group
R2 score: 0.80
Wasserstein Distance: 16.29



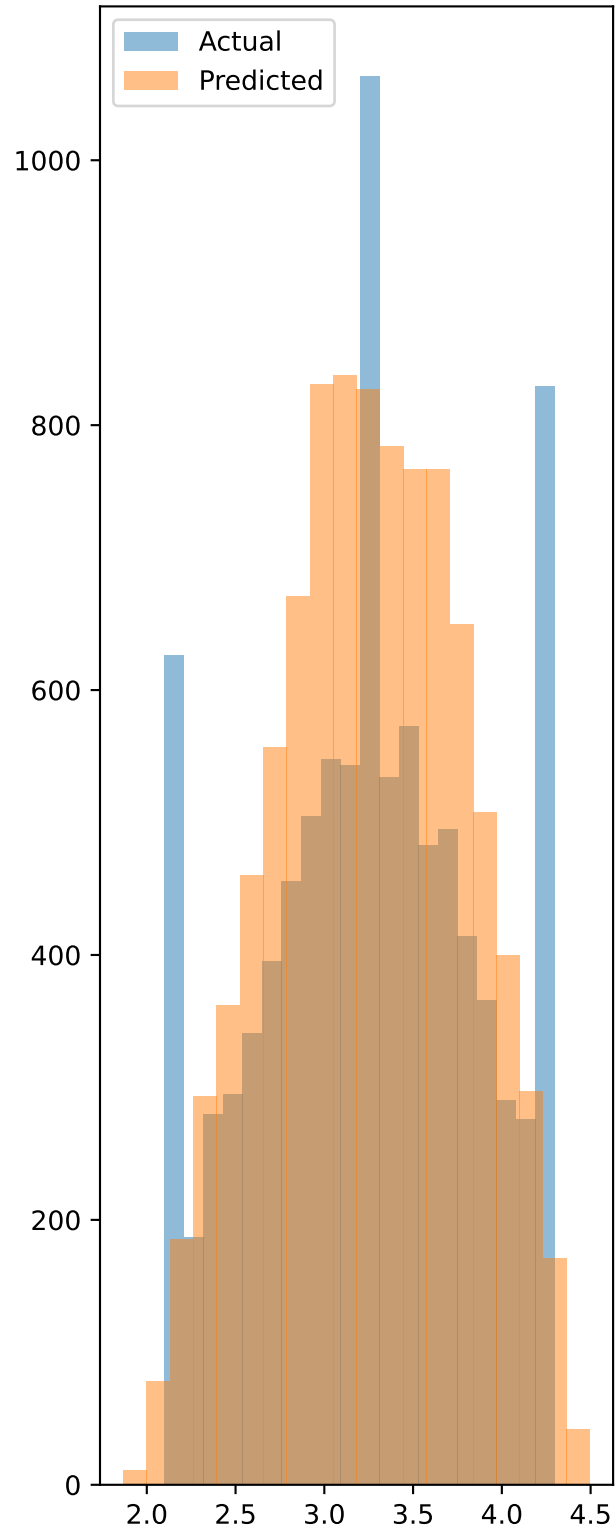
Distribution XGB model for
Lactate Dehydrogenase (LD)
Asian group
R2 score: 0.85
Wasserstein Distance: 17.07



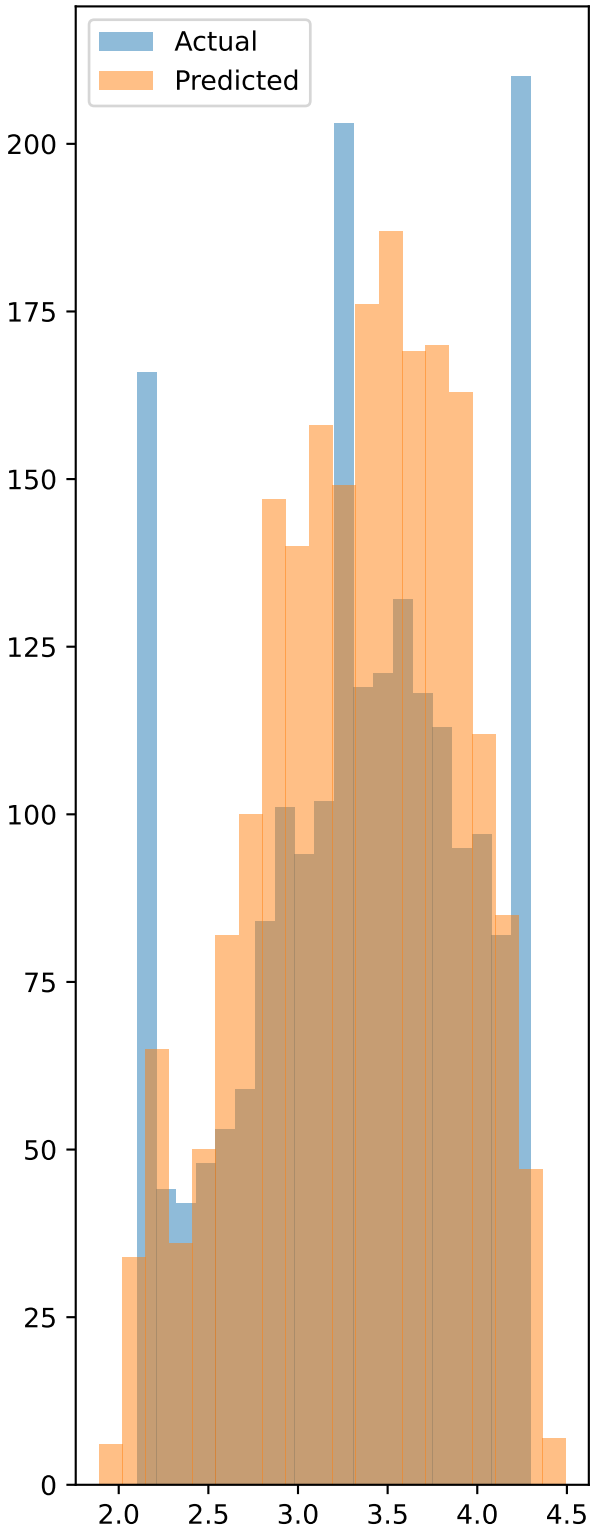
Distribution XGB model for
Lactate Dehydrogenase (LD)
Others group
R2 score: 0.80
Wasserstein Distance: 13.89



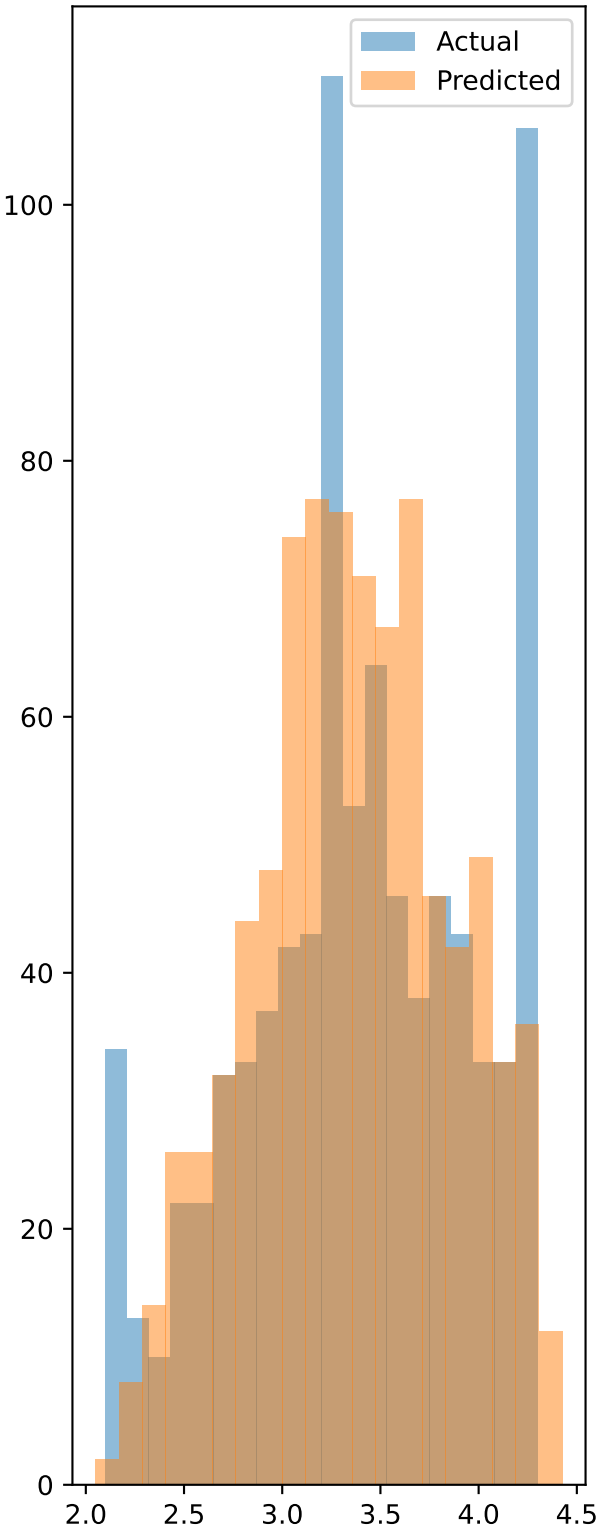
Distribution XGB model for
Albumin
White group
R2 score: 0.76
Wasserstein Distance: 0.07



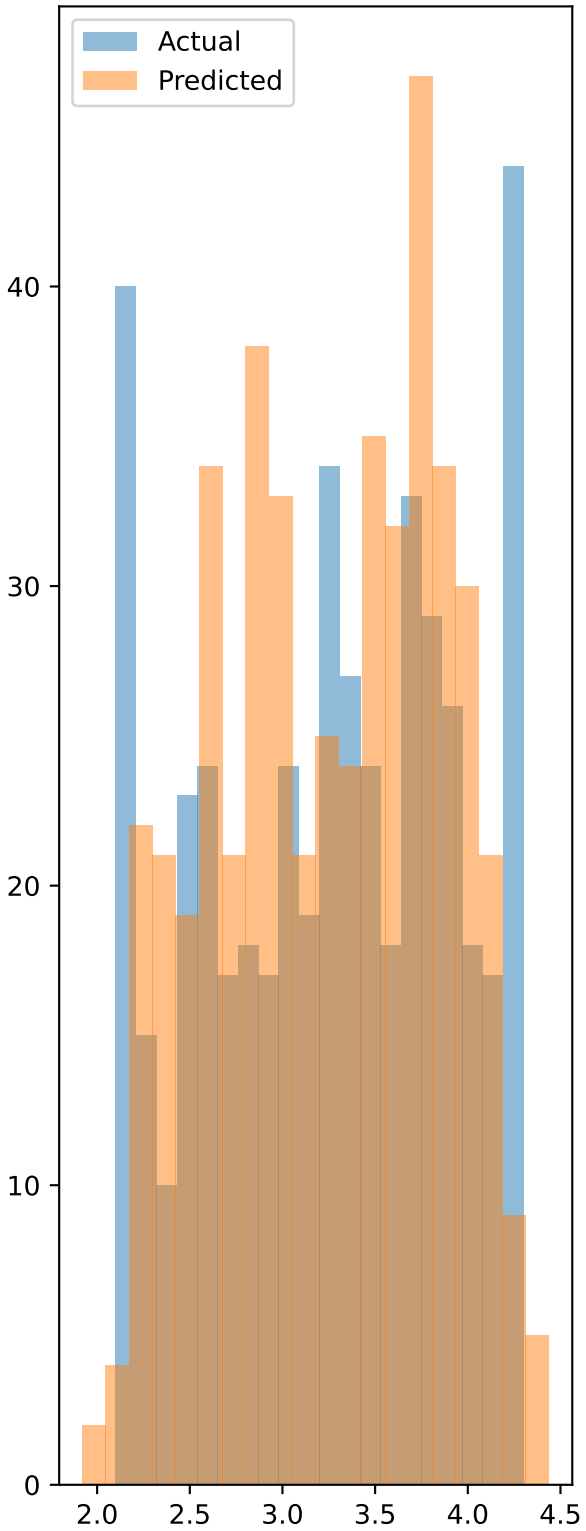
Distribution XGB model for
Albumin
Black group
R2 score: 0.75
Wasserstein Distance: 0.08



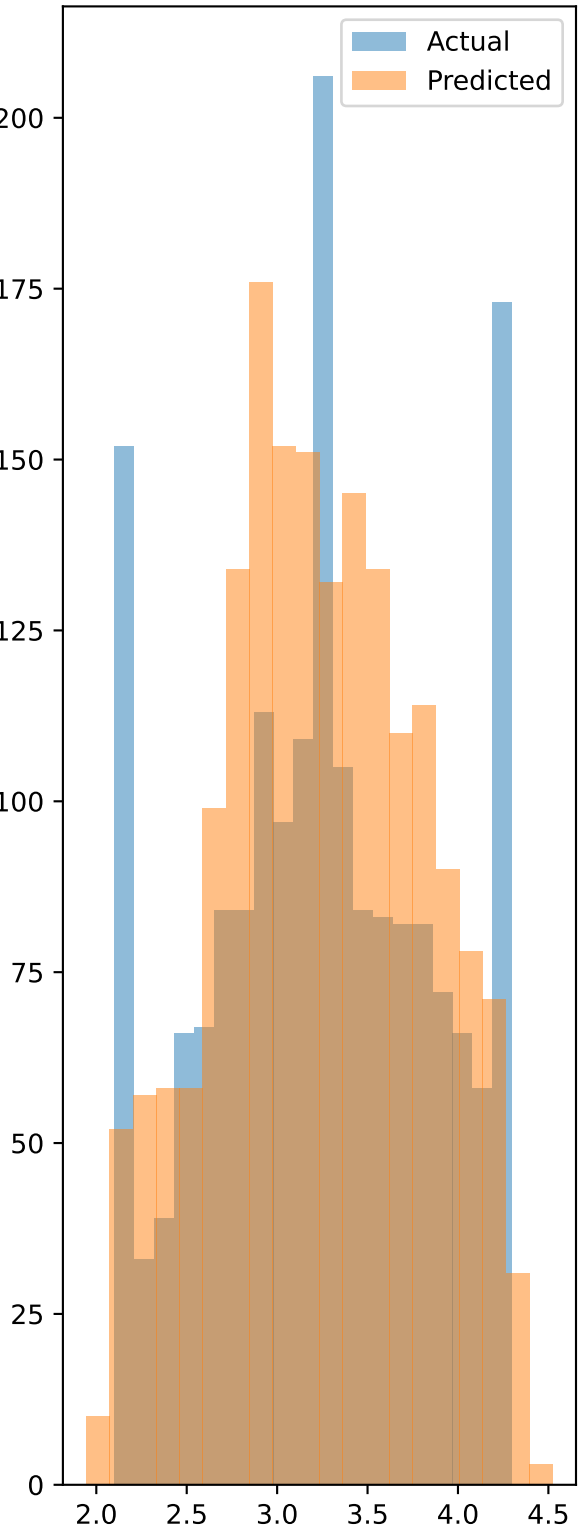
Distribution XGB model for
Albumin
Hispanic group
R2 score: 0.75
Wasserstein Distance: 0.09



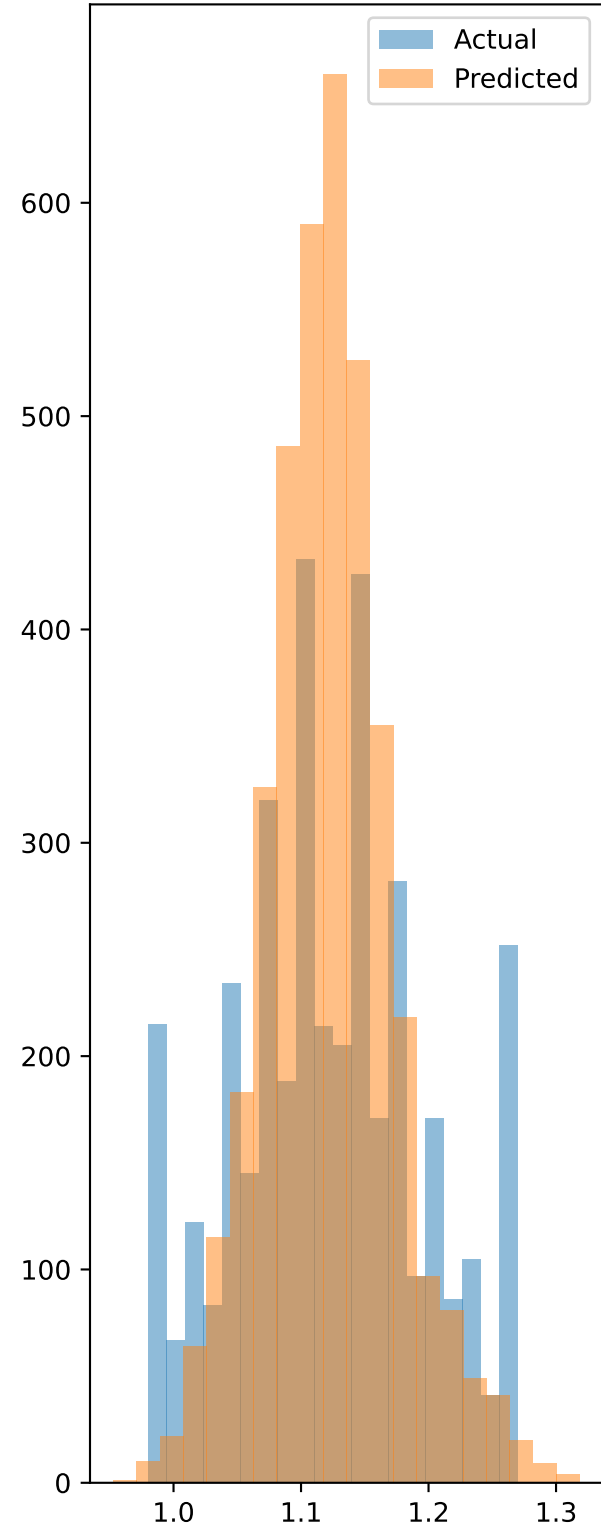
Distribution XGB model for
Albumin
Asian group
R2 score: 0.81
Wasserstein Distance: 0.07



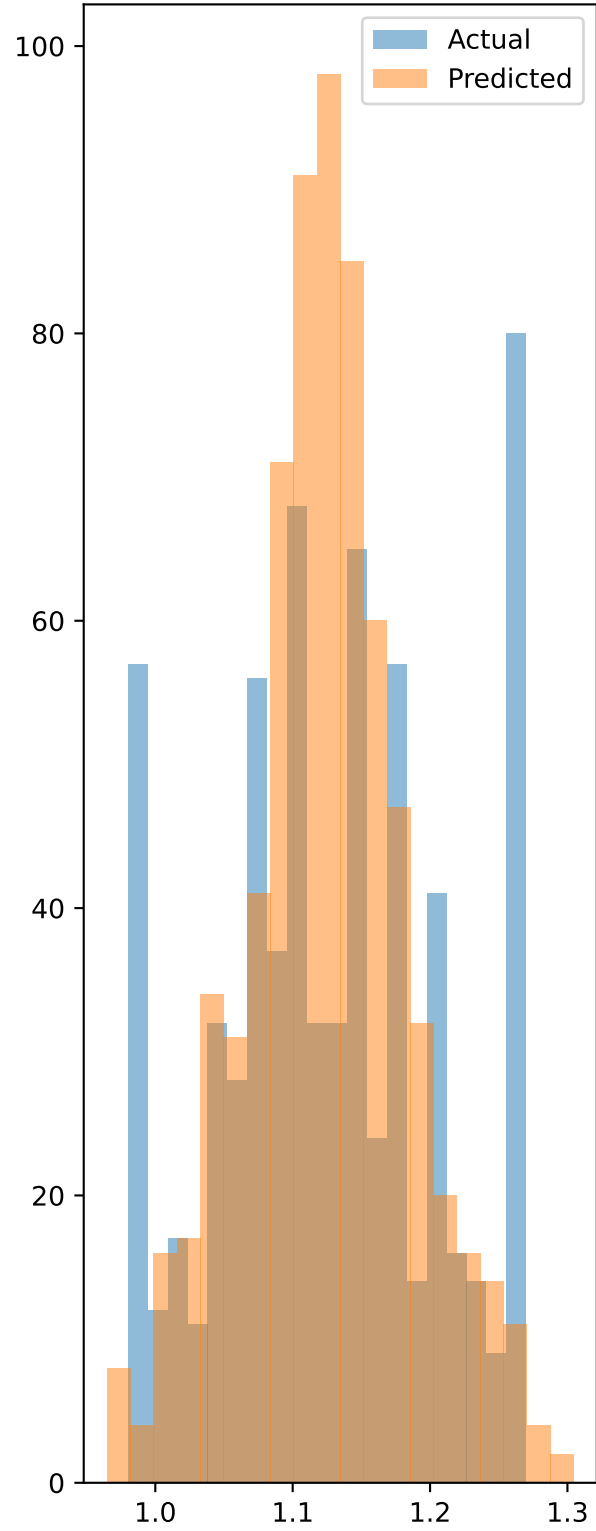
Distribution XGB model for
Albumin
Others group
R2 score: 0.80
Wasserstein Distance: 0.07



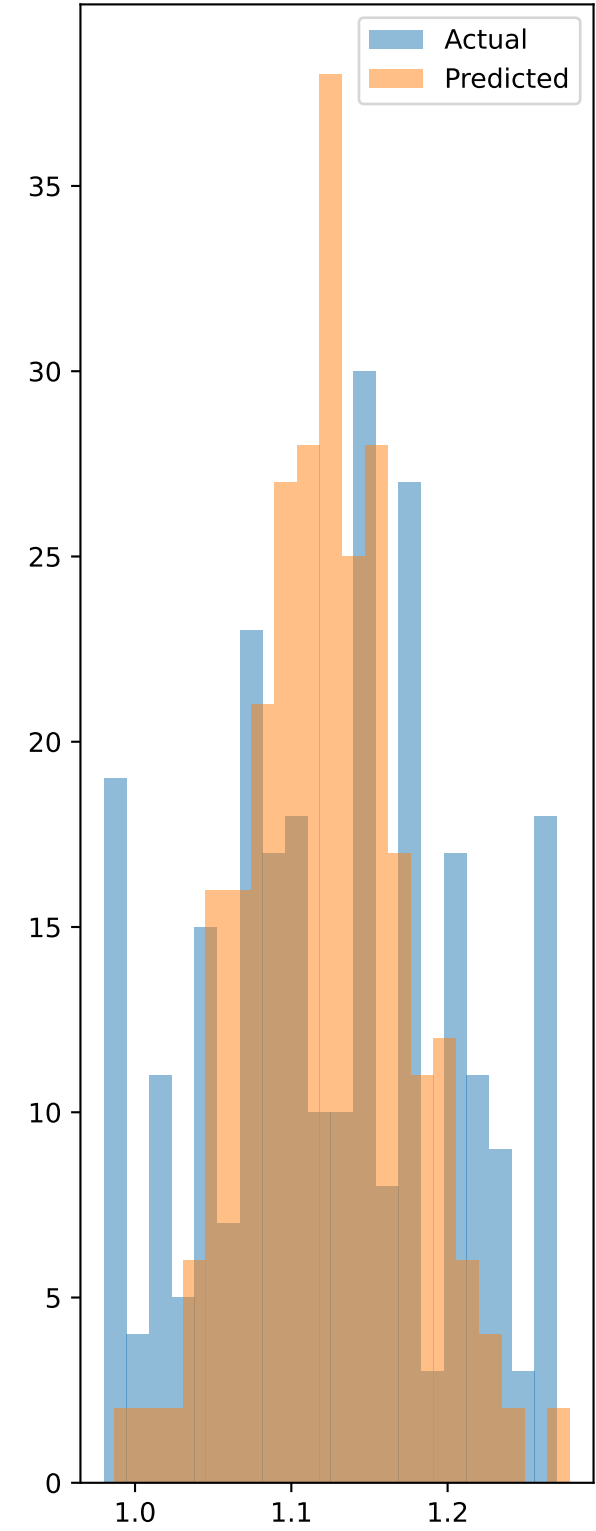
Distribution XGB model for
Free Calcium
White group
R2 score: 0.48
Wasserstein Distance: 0.02



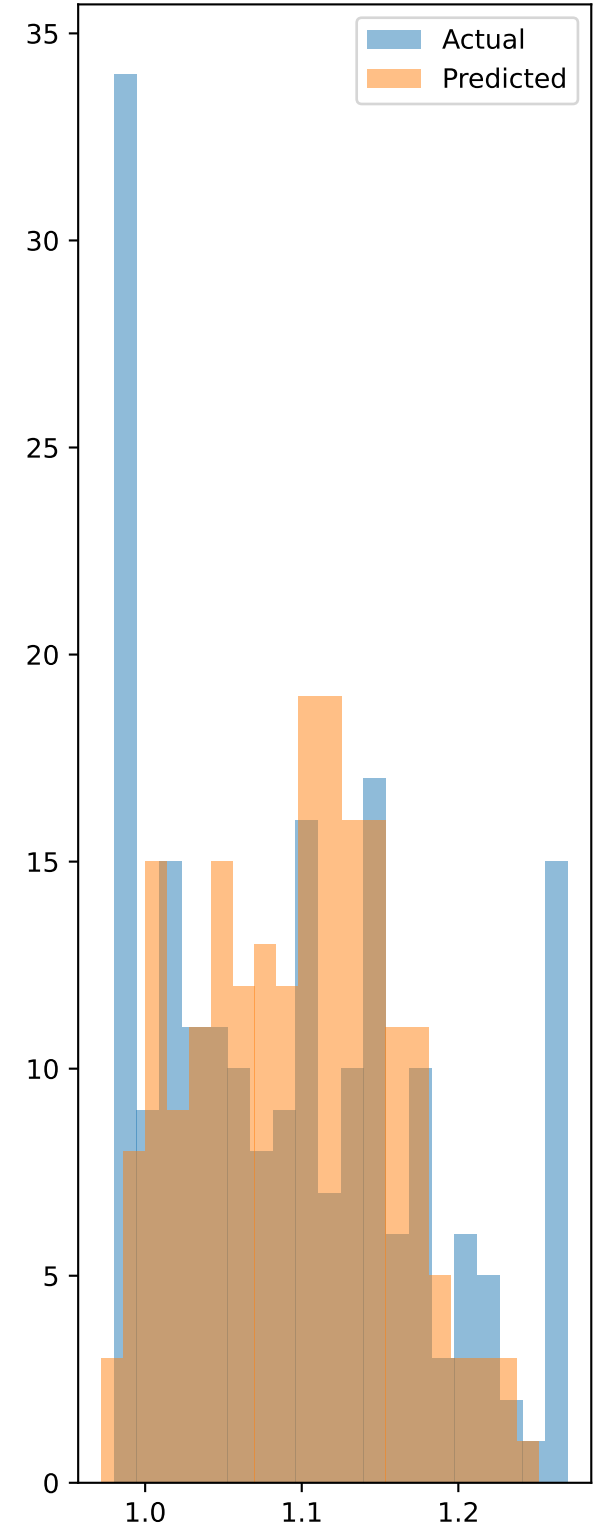
Distribution XGB model for
Free Calcium
Black group
R2 score: 0.59
Wasserstein Distance: 0.02



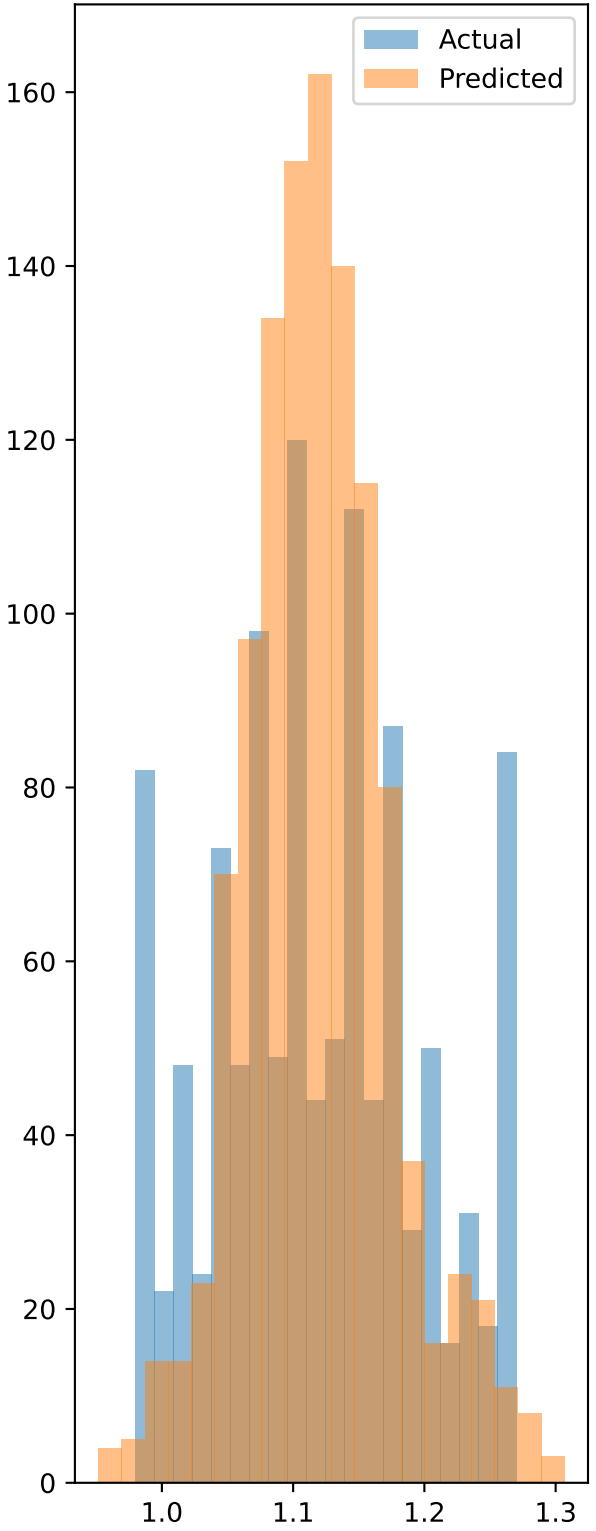
Distribution XGB model for
Free Calcium
Hispanic group
R2 score: 0.52
Wasserstein Distance: 0.03



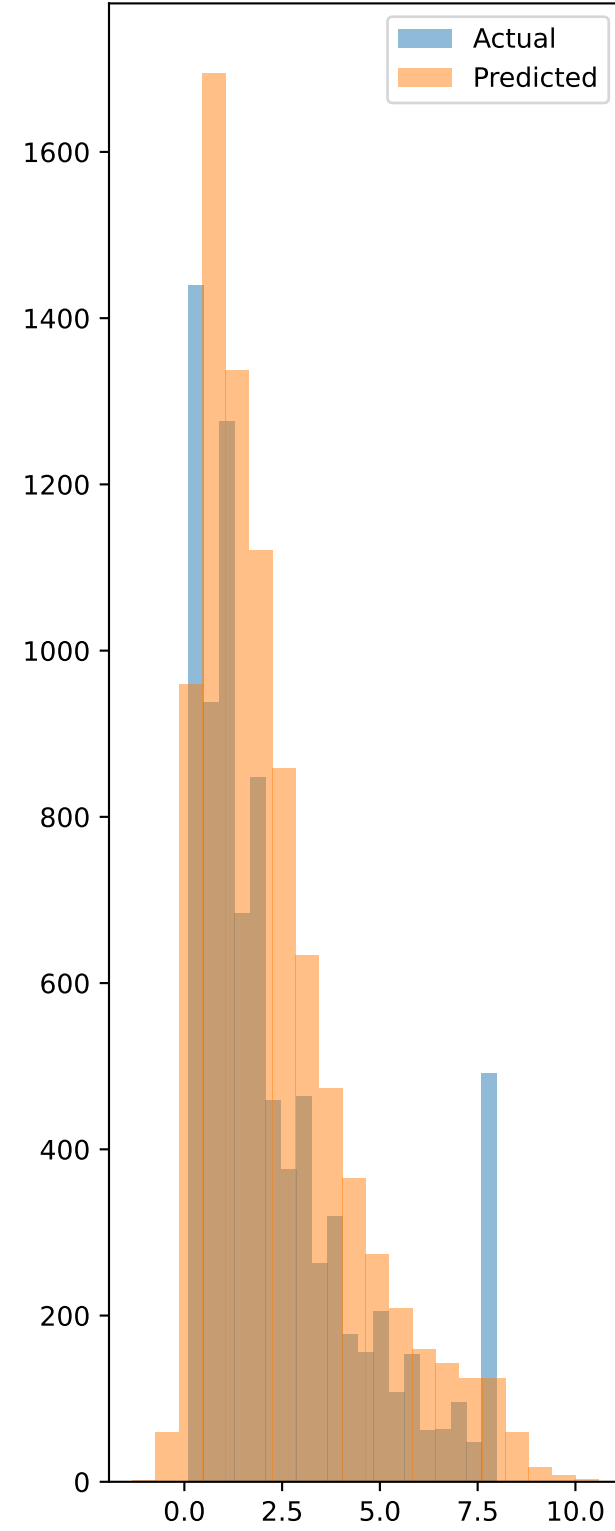
Distribution XGB model for
Free Calcium
Asian group
R2 score: 0.55
Wasserstein Distance: 0.02



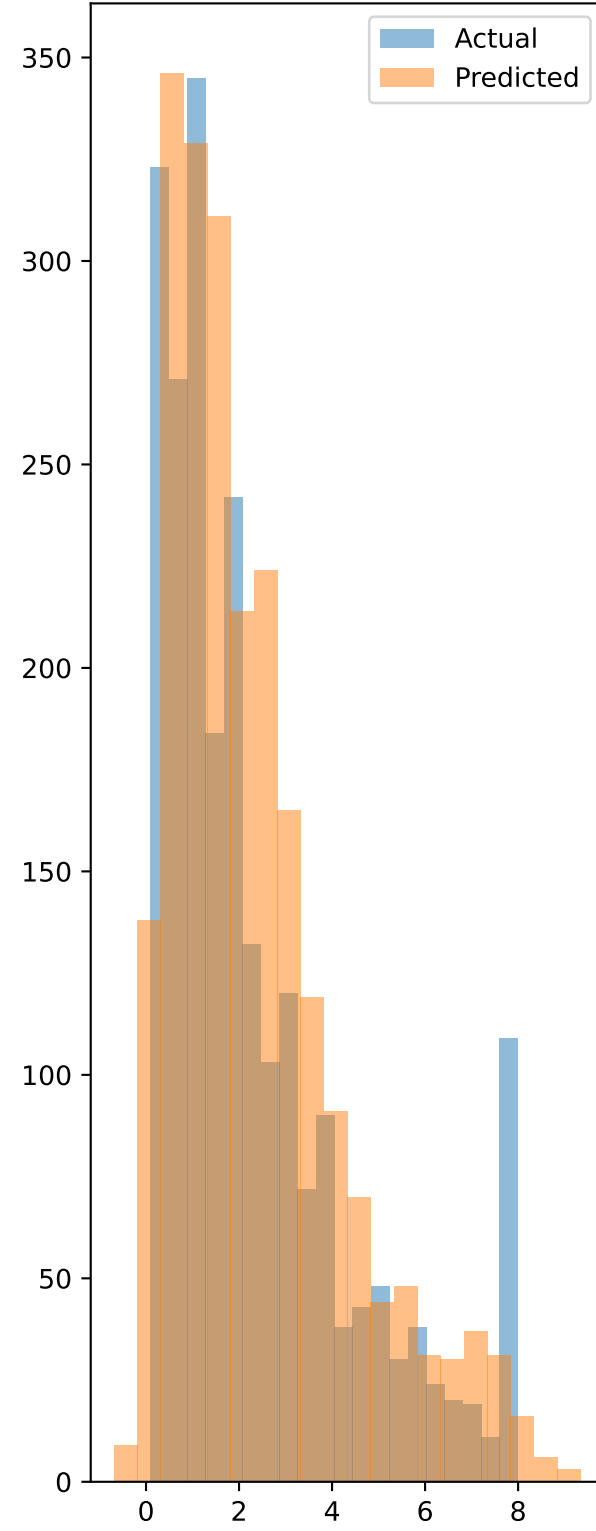
Distribution XGB model for
Free Calcium
Others group
R2 score: 0.54
Wasserstein Distance: 0.02



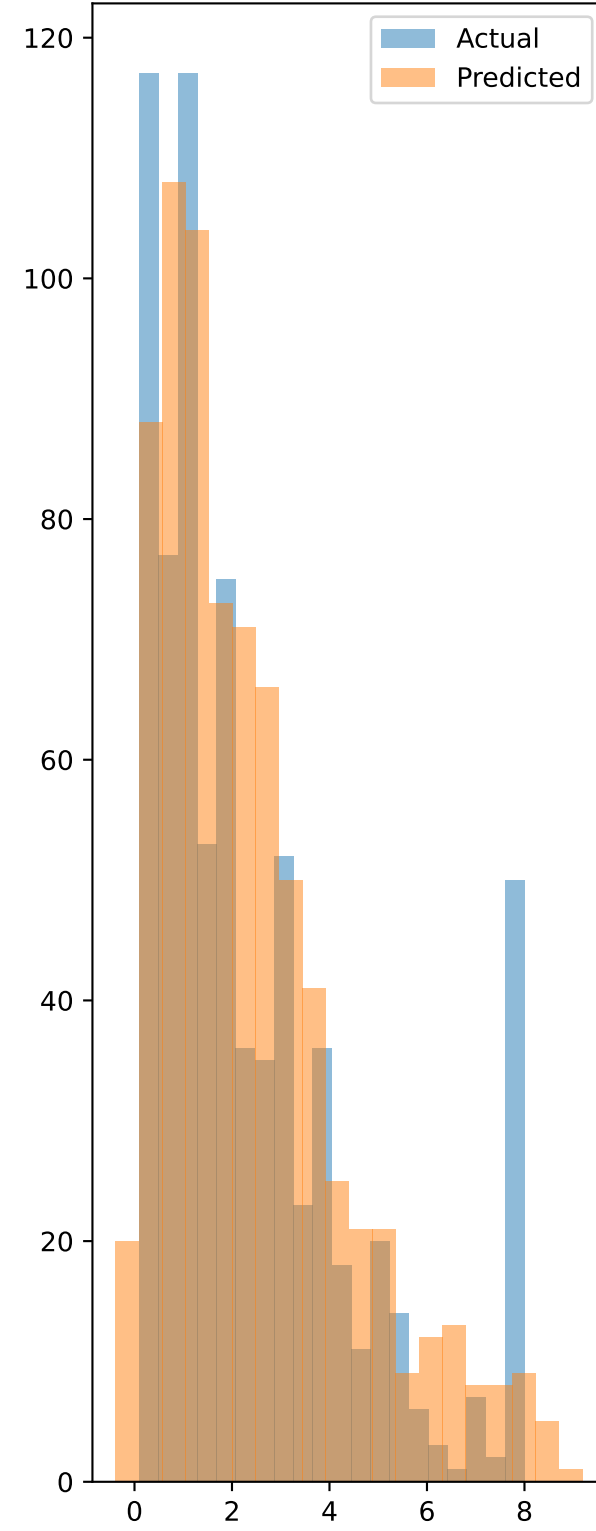
Distribution XGB model for
Eosinophils
White group
R2 score: 0.89
Wasserstein Distance: 0.21



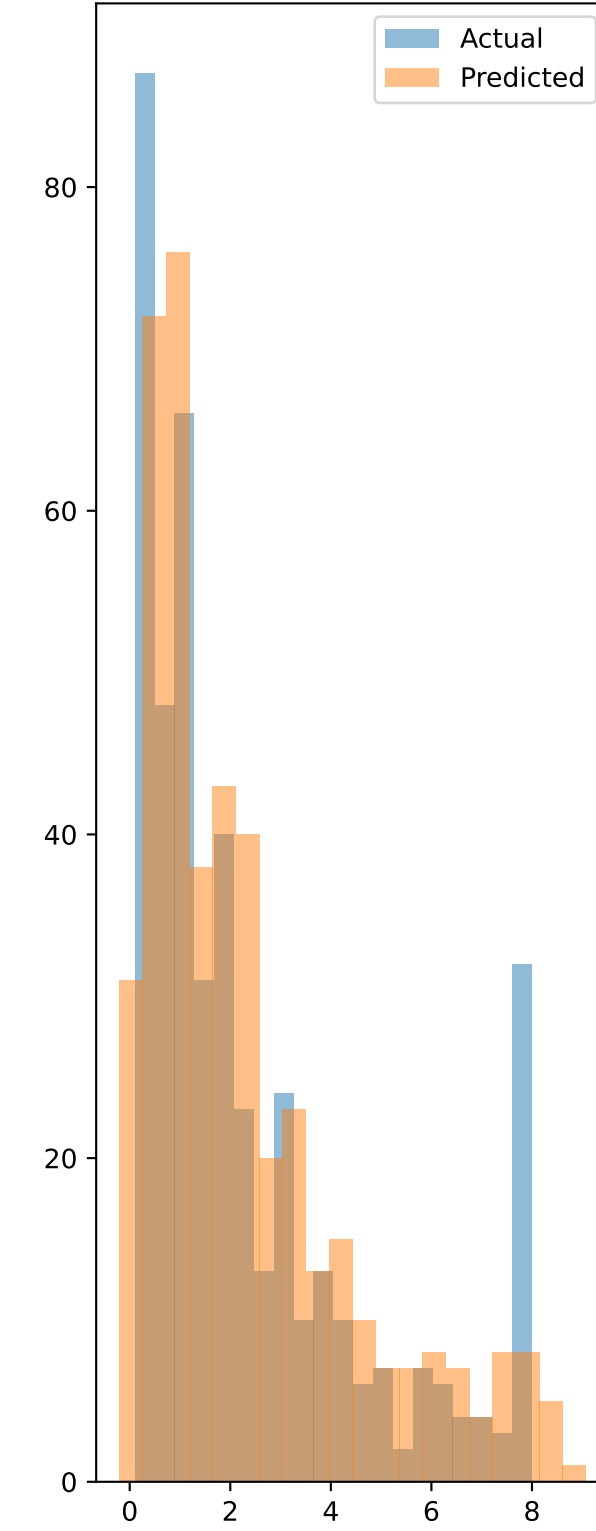
Distribution XGB model for
Eosinophils
Black group
R2 score: 0.89
Wasserstein Distance: 0.22



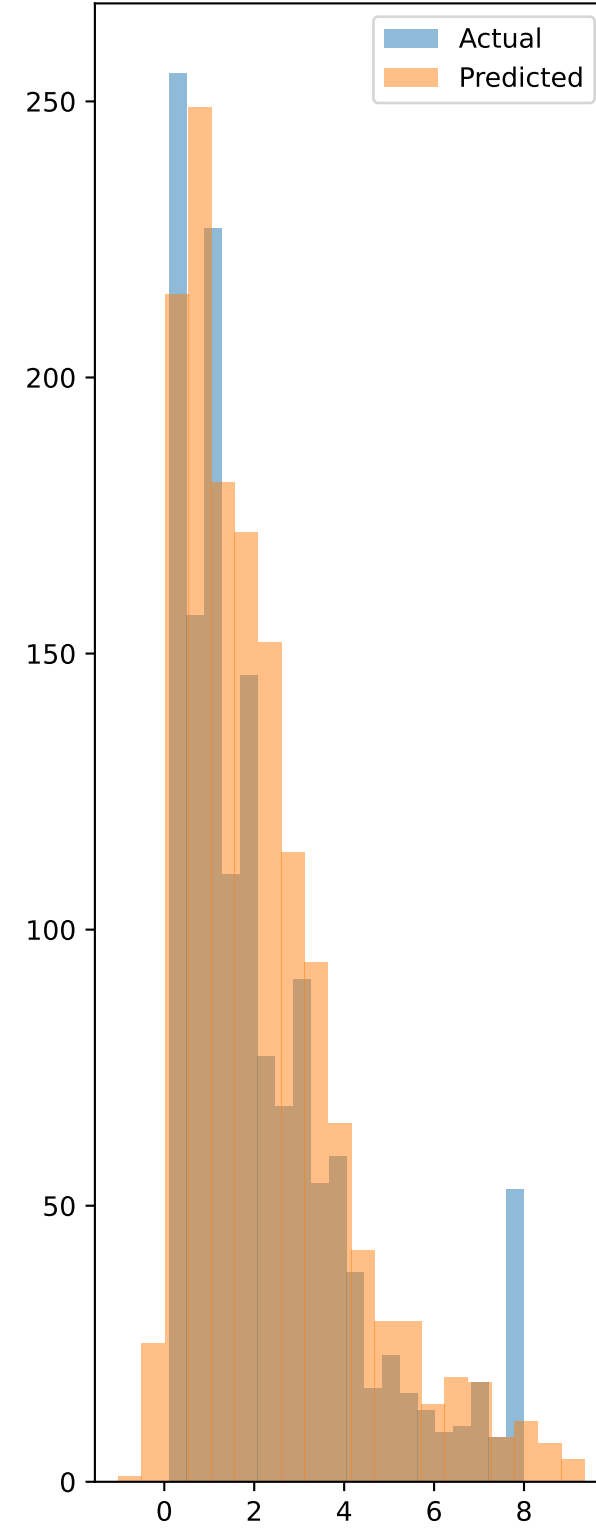
Distribution XGB model for
Eosinophils
Hispanic group
R2 score: 0.88
Wasserstein Distance: 0.23



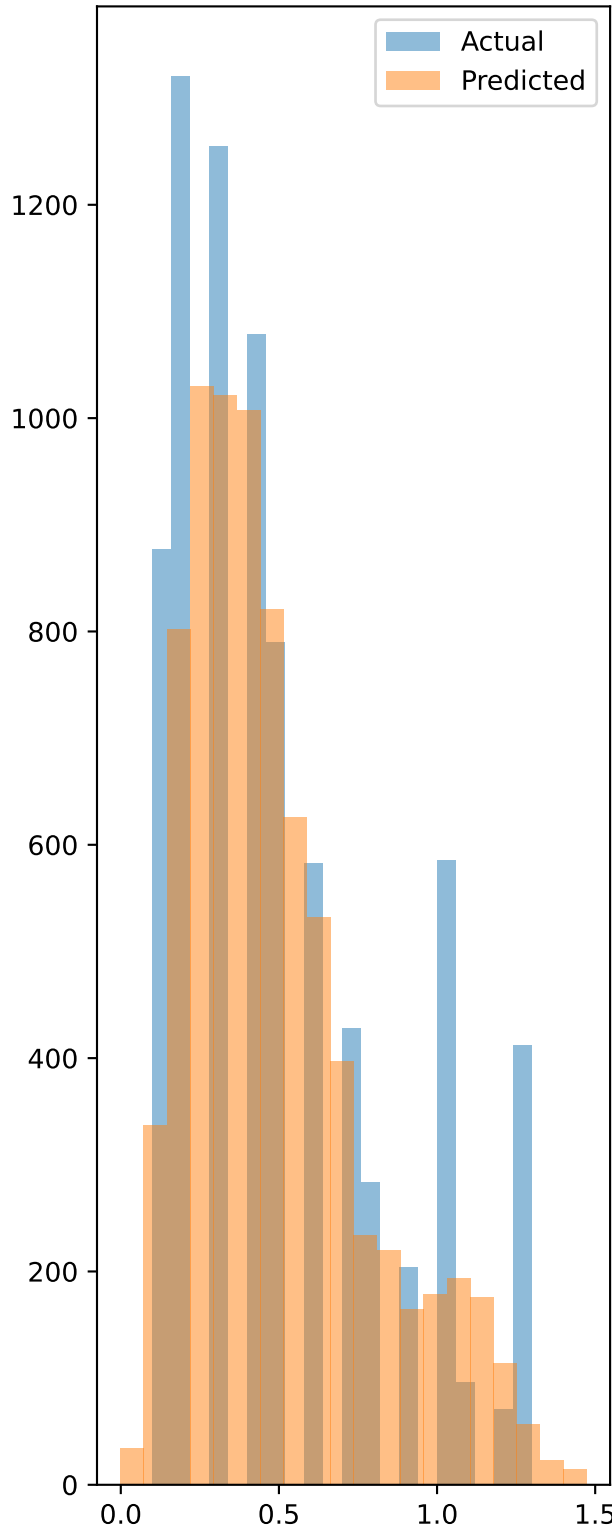
Distribution XGB model for
Eosinophils
Asian group
R2 score: 0.92
Wasserstein Distance: 0.21



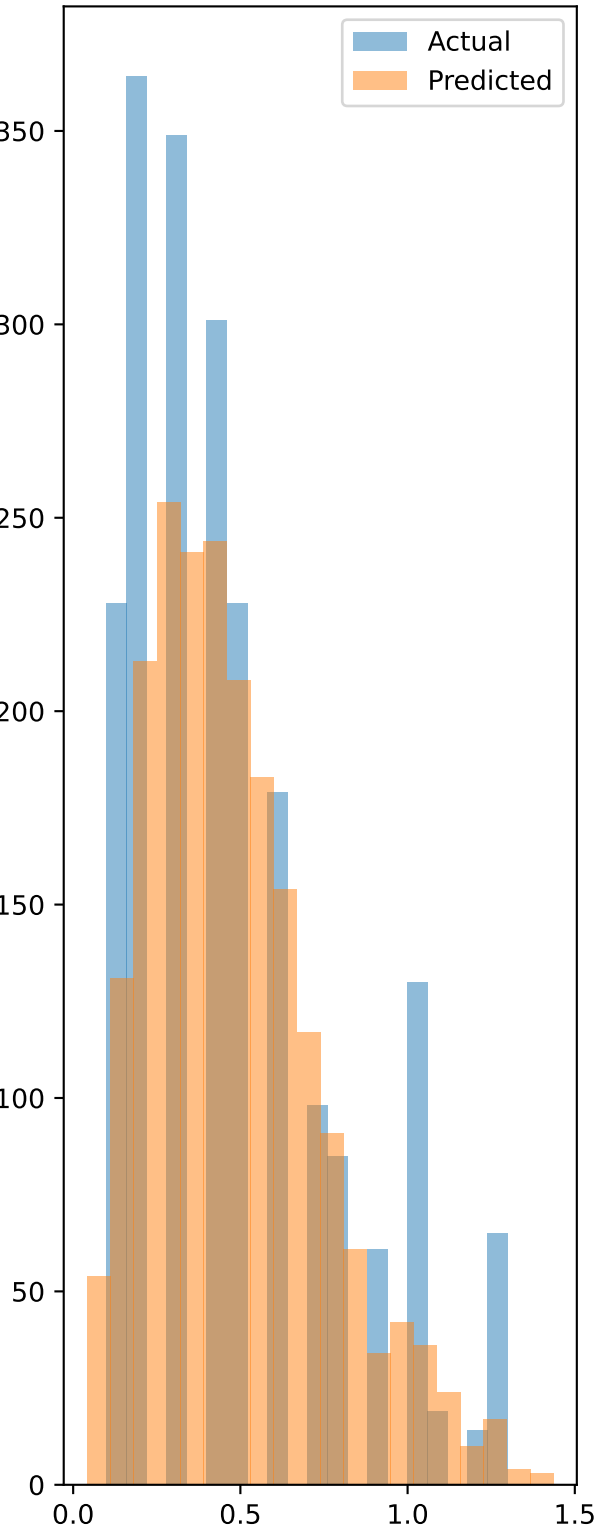
Distribution XGB model for
Eosinophils
Others group
R2 score: 0.90
Wasserstein Distance: 0.17



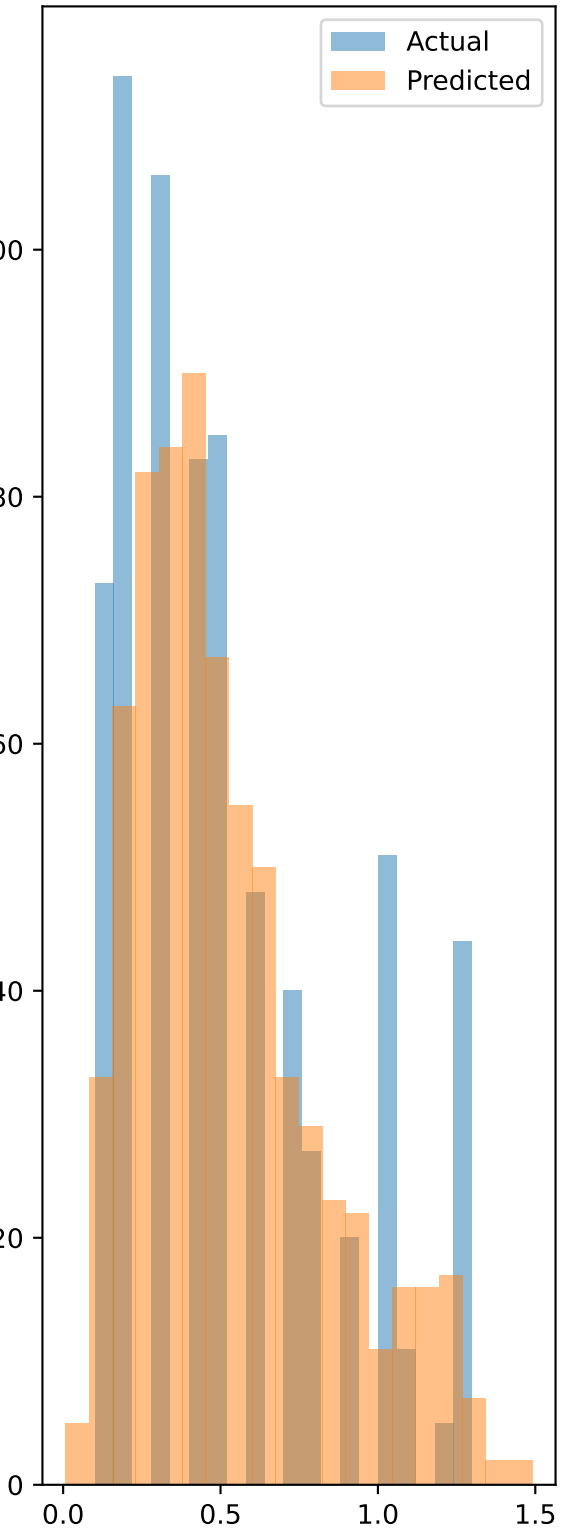
Distribution XGB model for
Basophils
White group
R2 score: 0.72
Wasserstein Distance: 0.05



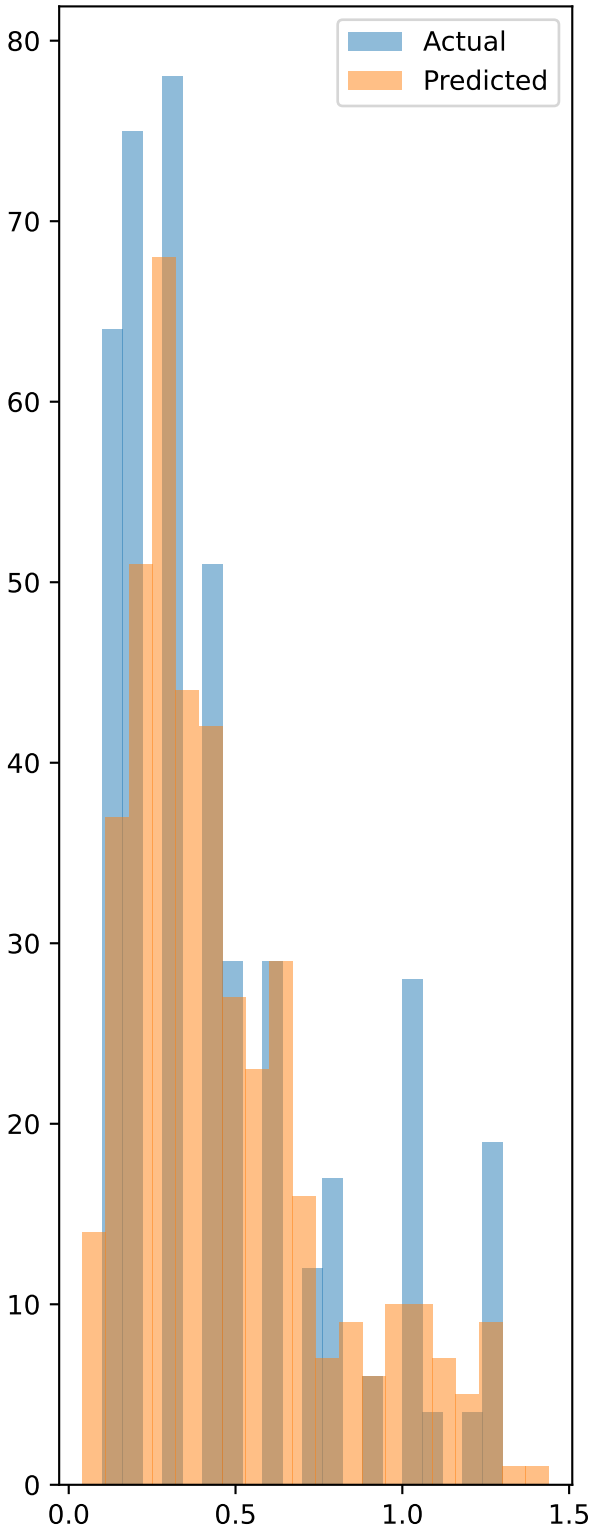
Distribution XGB model for
Basophils
Black group
R2 score: 0.68
Wasserstein Distance: 0.05



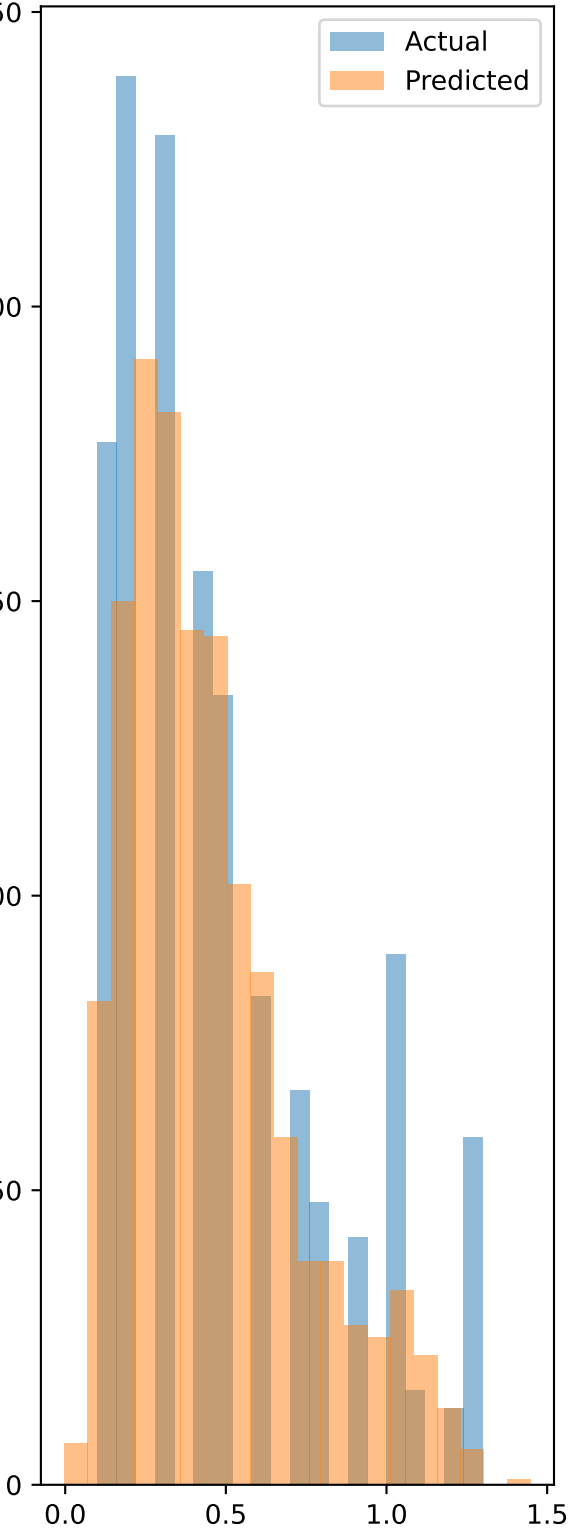
Distribution XGB model for
Basophils
Hispanic group
R2 score: 0.73
Wasserstein Distance: 0.05



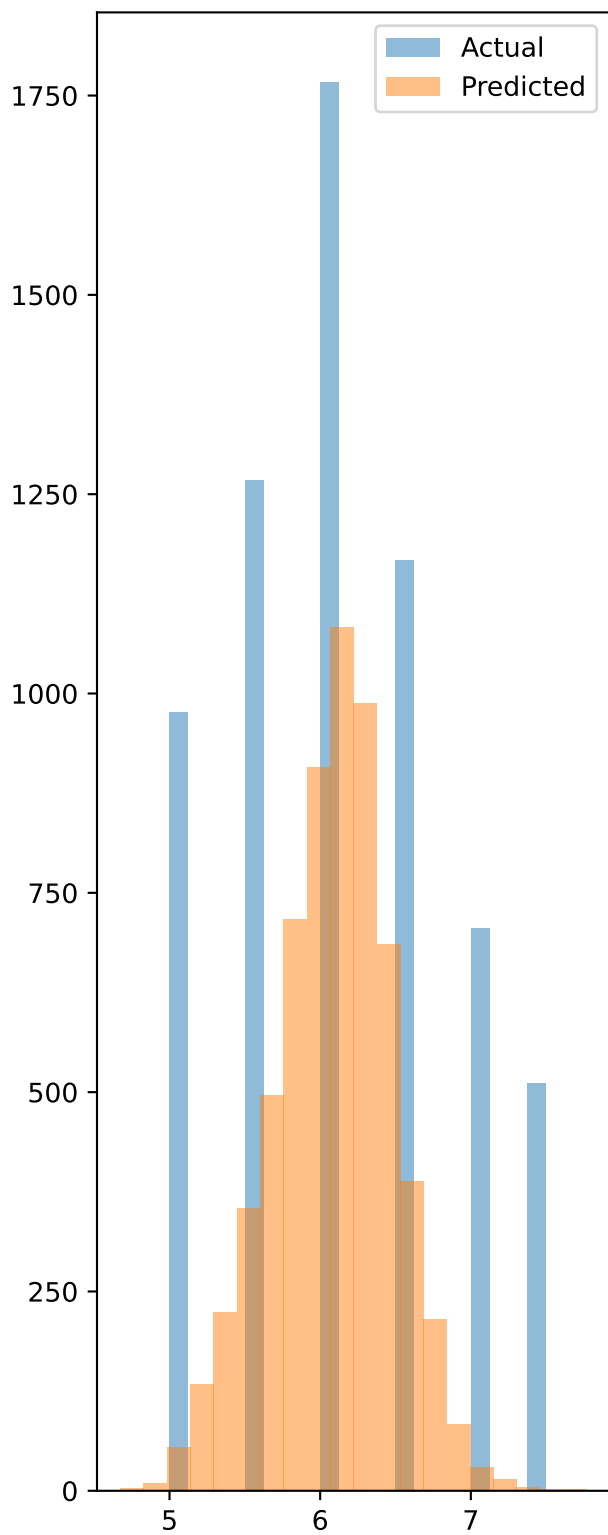
Distribution XGB model for
Basophils
Asian group
R2 score: 0.82
Wasserstein Distance: 0.05



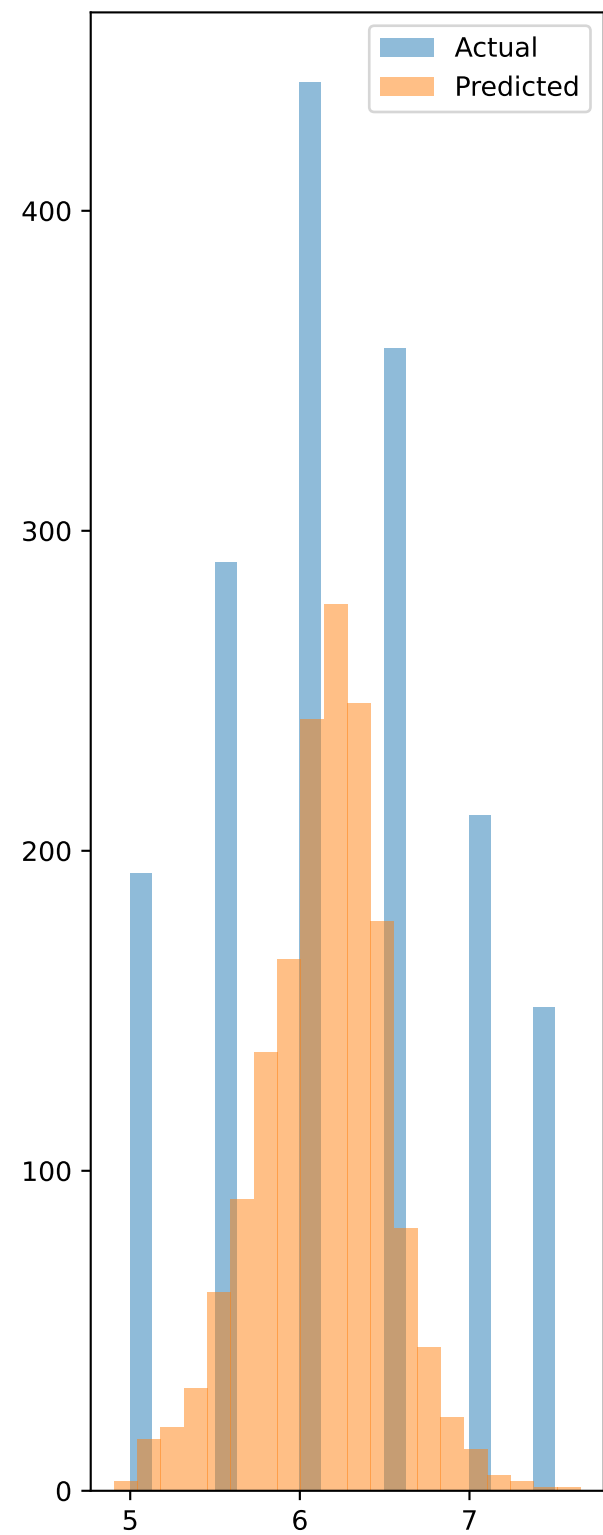
Distribution XGB model for
Basophils
Others group
R2 score: 0.70
Wasserstein Distance: 0.06



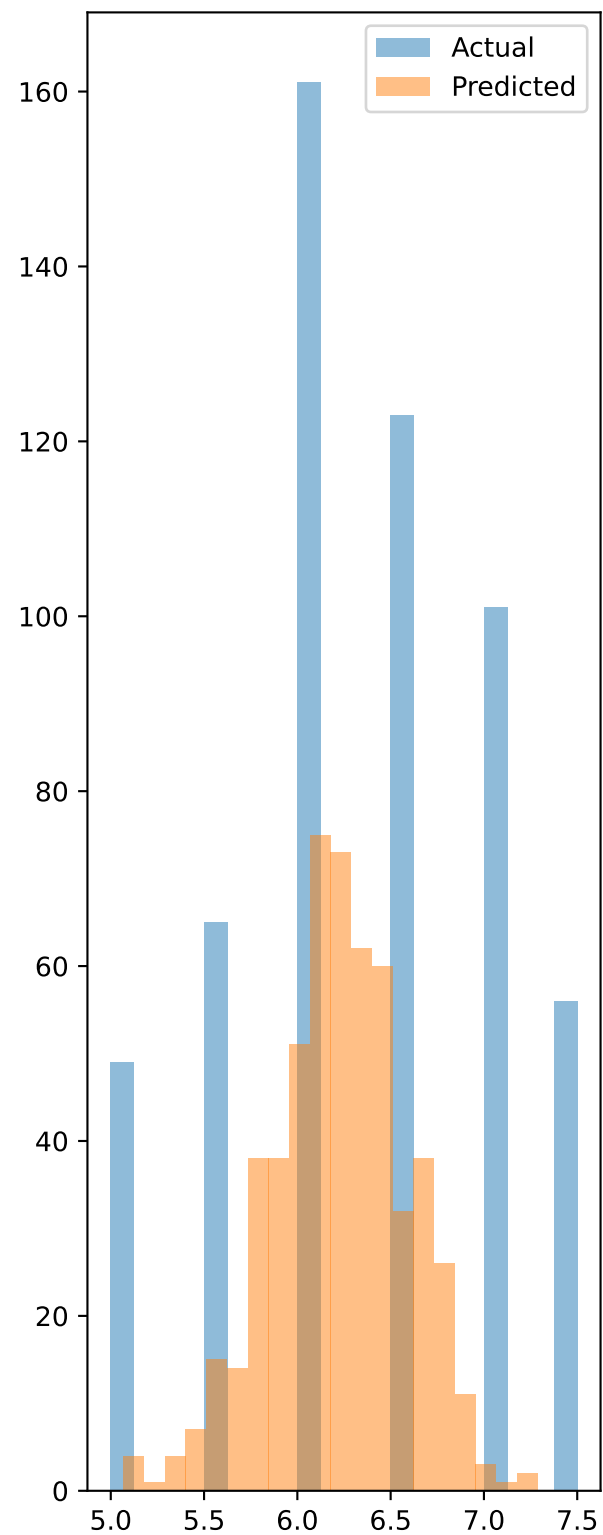
Distribution XGB model for
pH
White group
R2 score: 0.31
Wasserstein Distance: 0.31



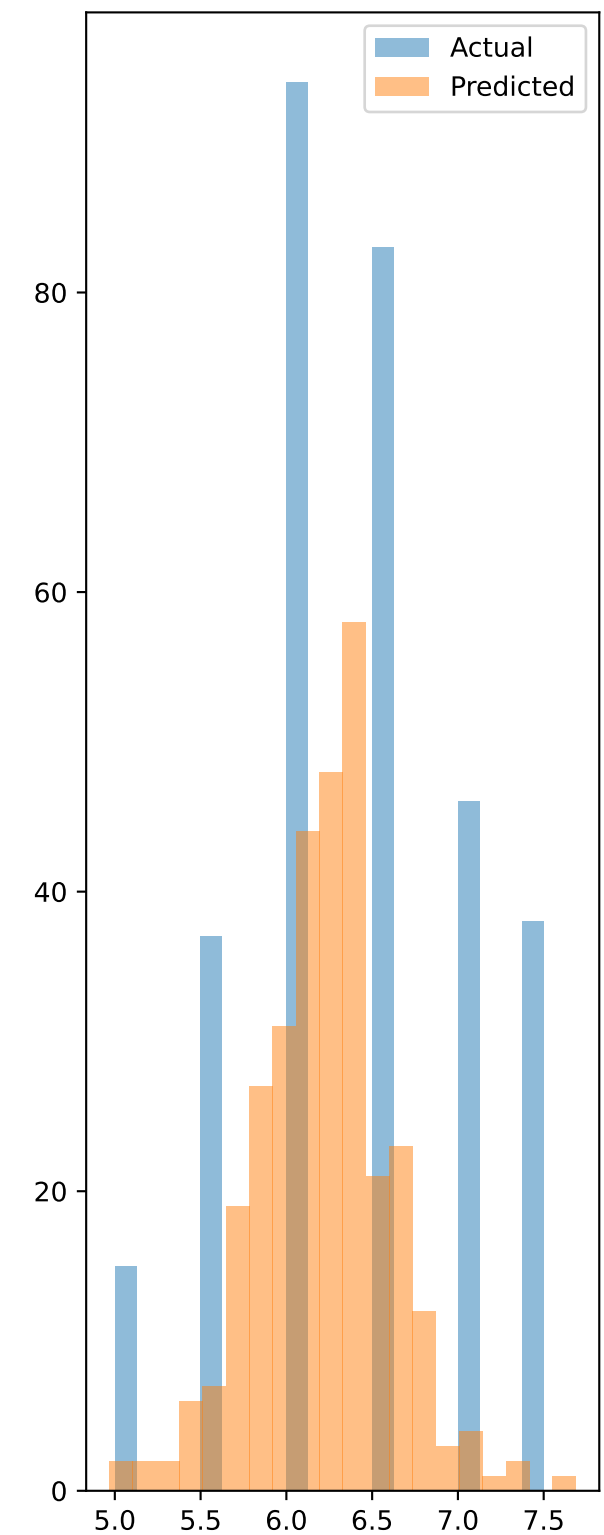
Distribution XGB model for
pH
Black group
R2 score: 0.32
Wasserstein Distance: 0.32



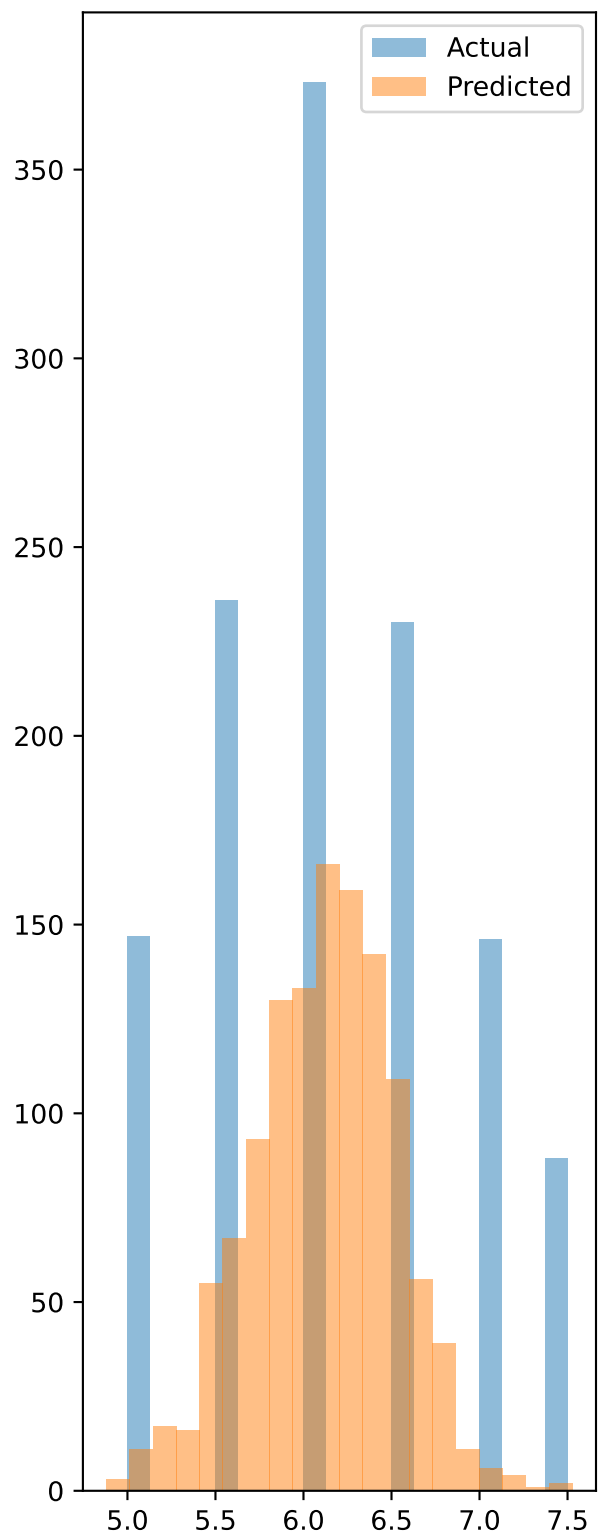
Distribution XGB model for
pH
Hispanic group
R2 score: 0.29
Wasserstein Distance: 0.31

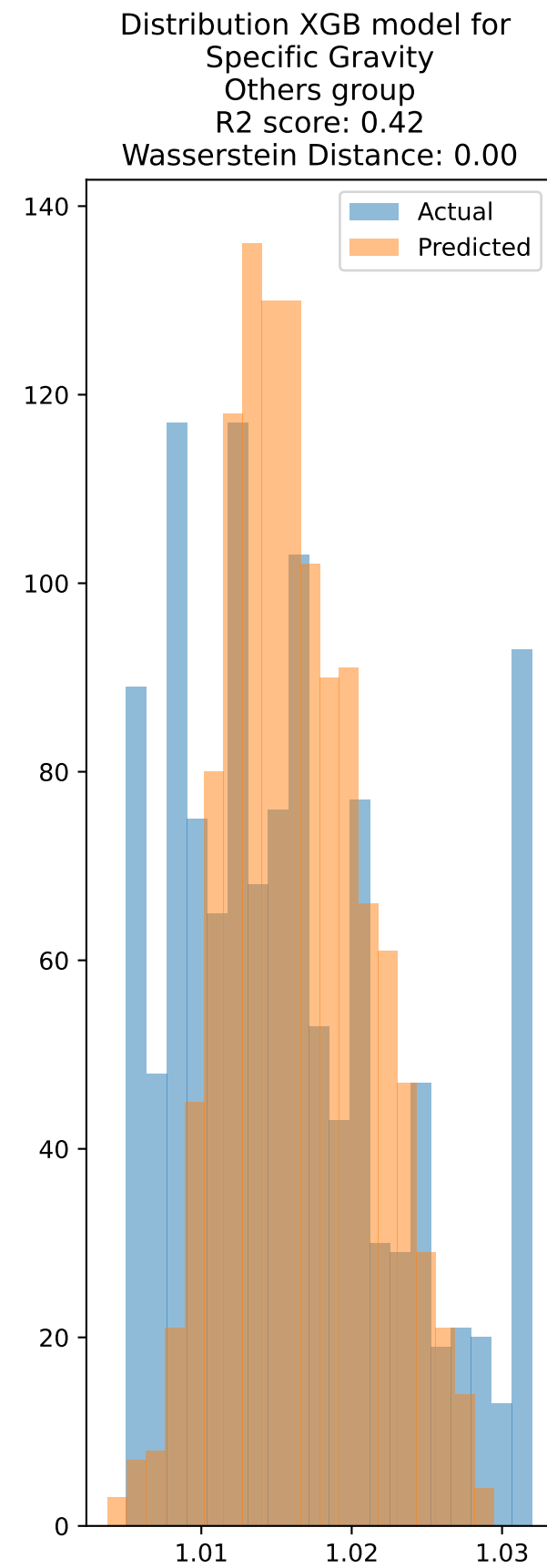
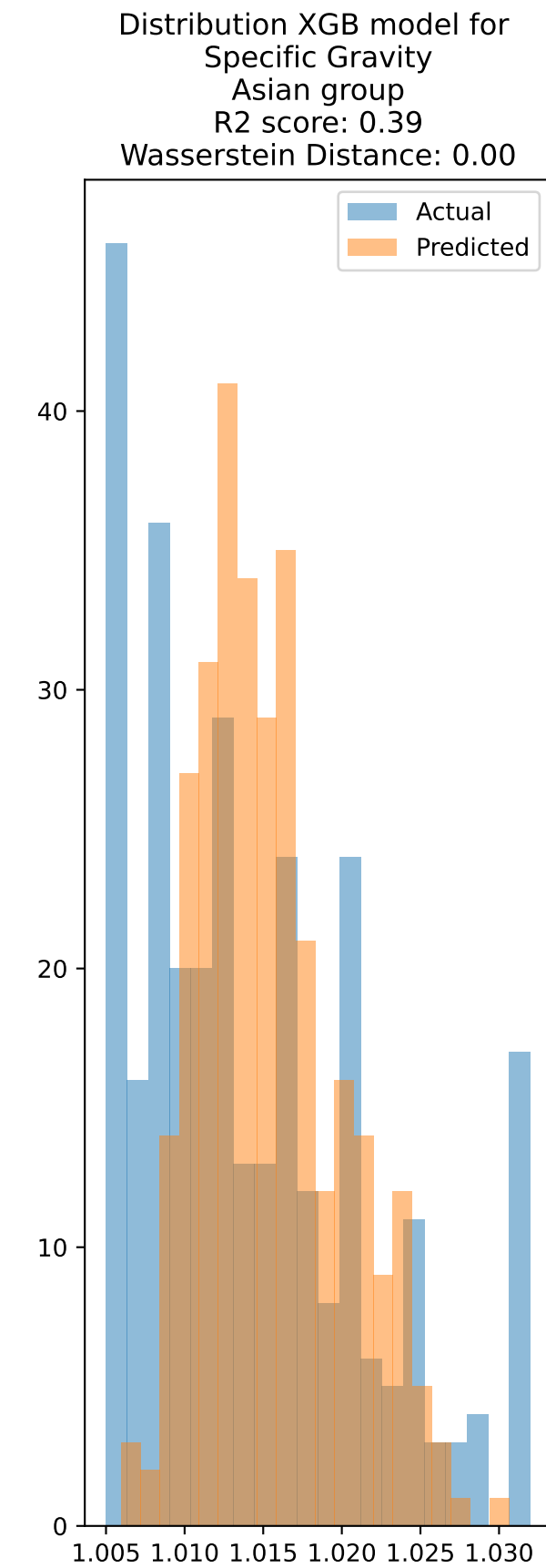
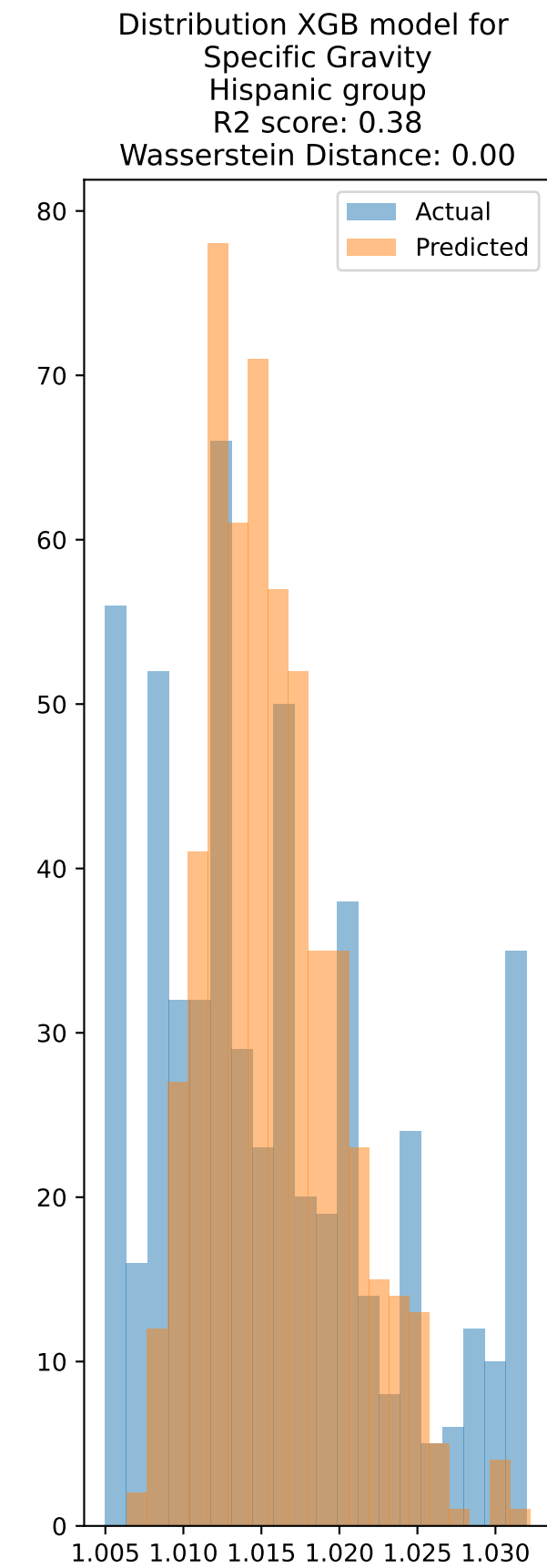
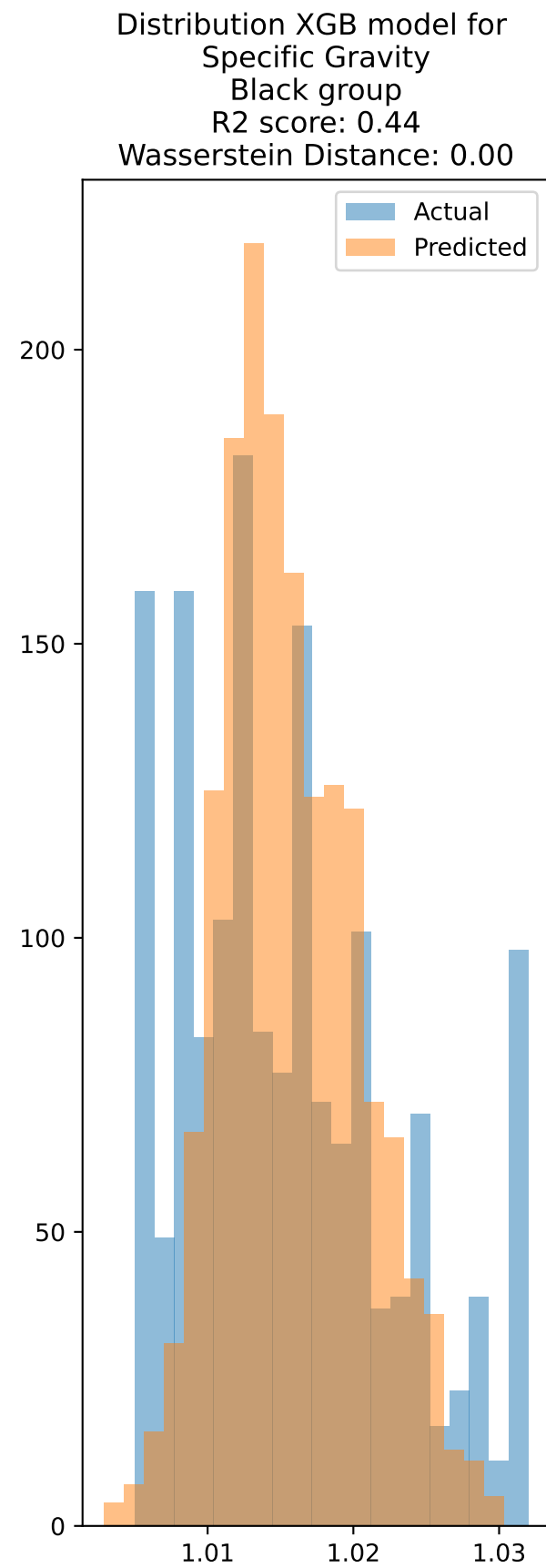
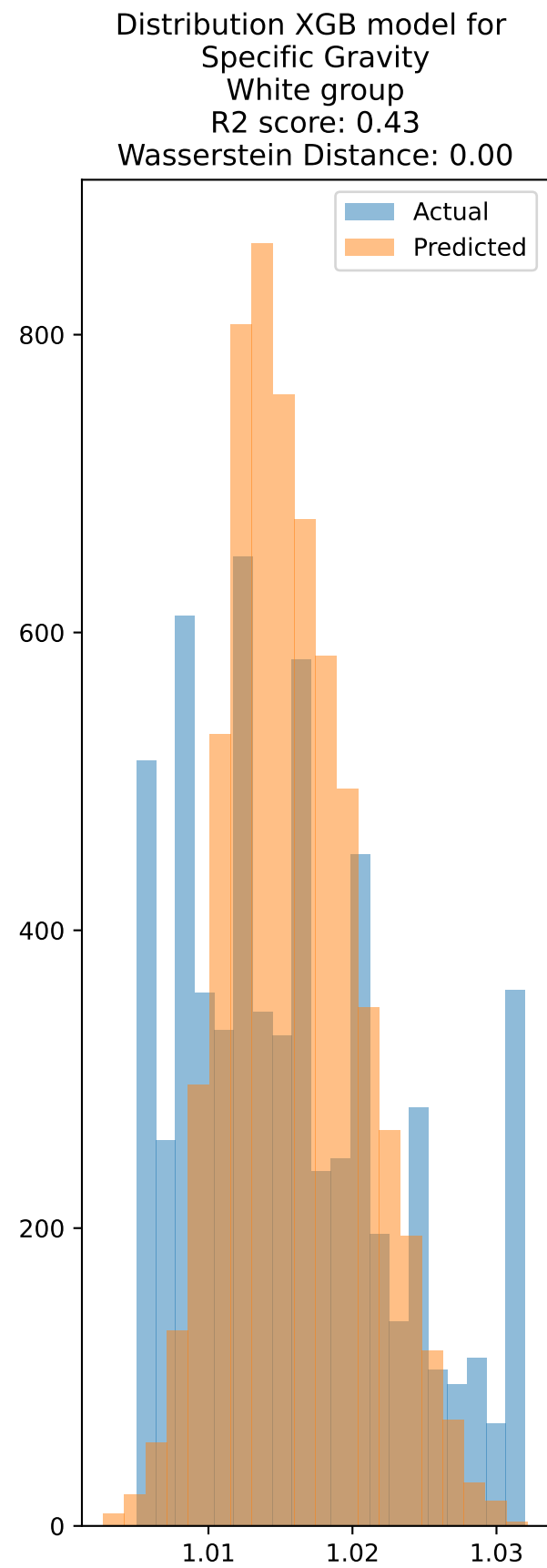


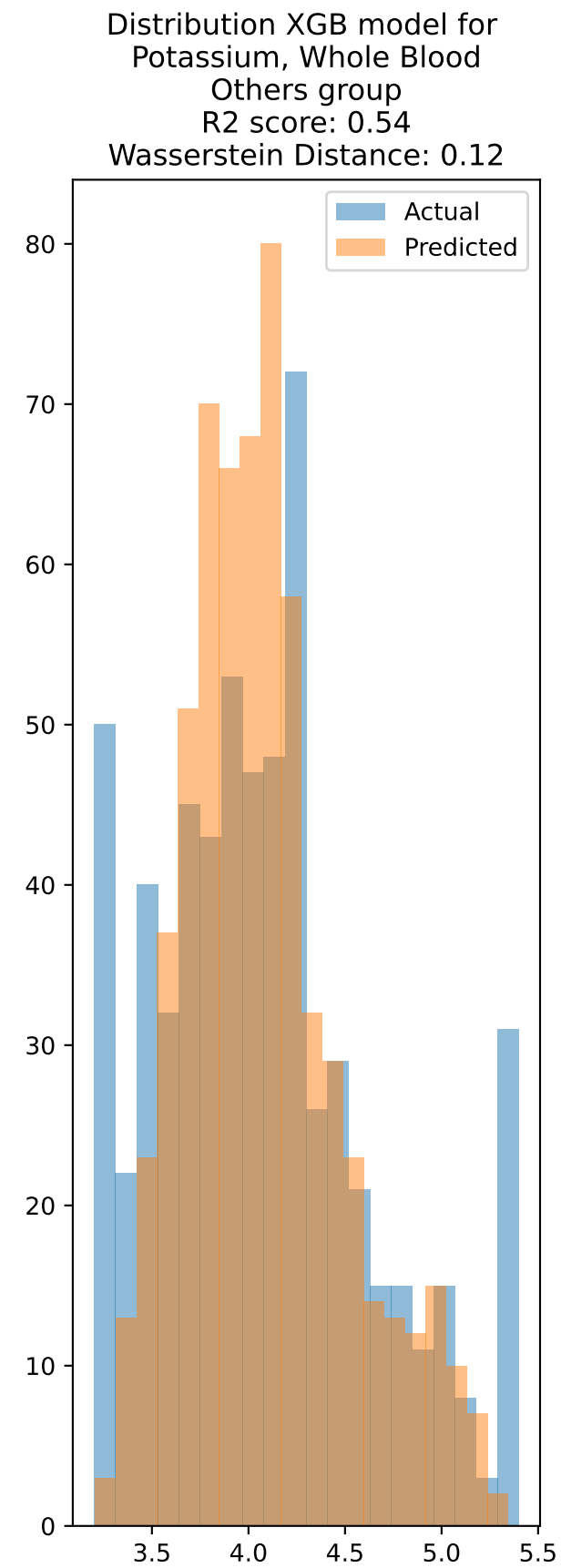
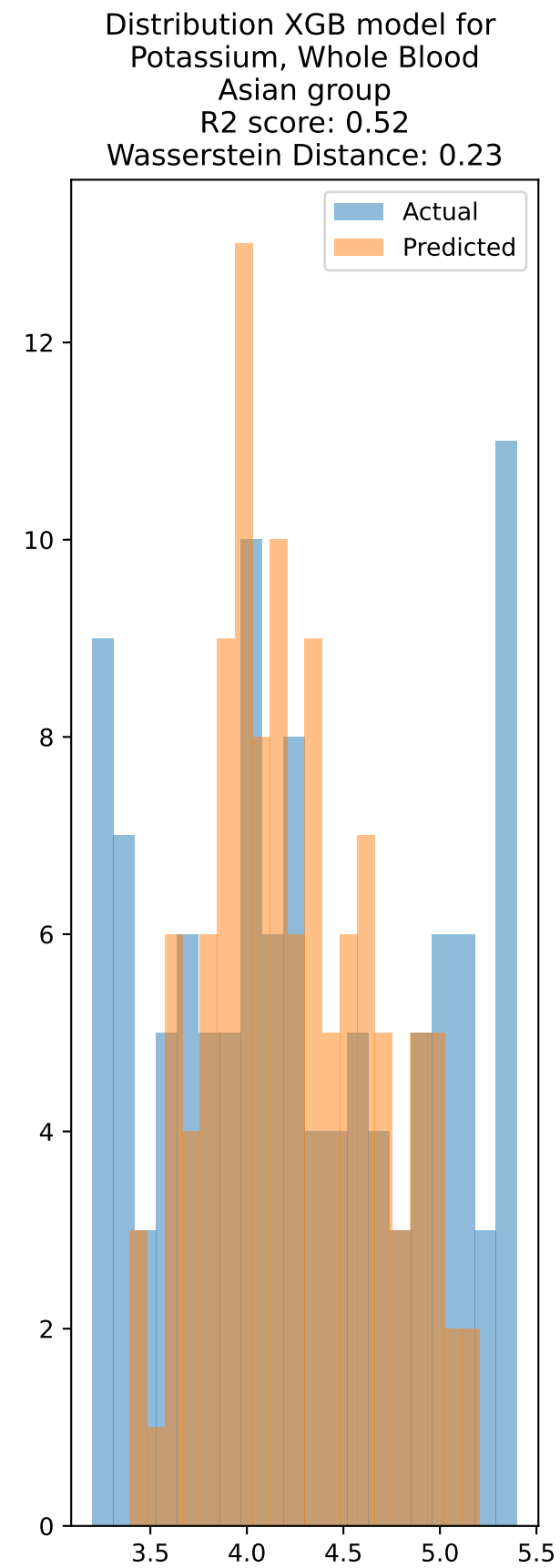
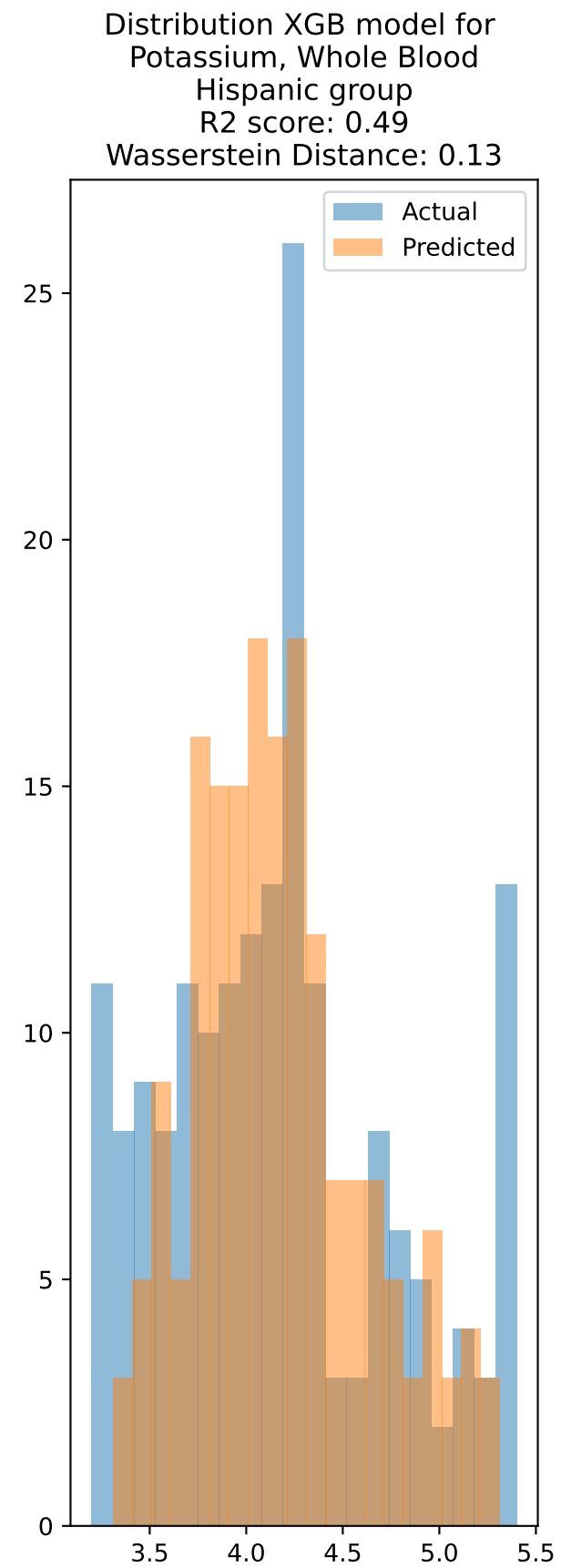
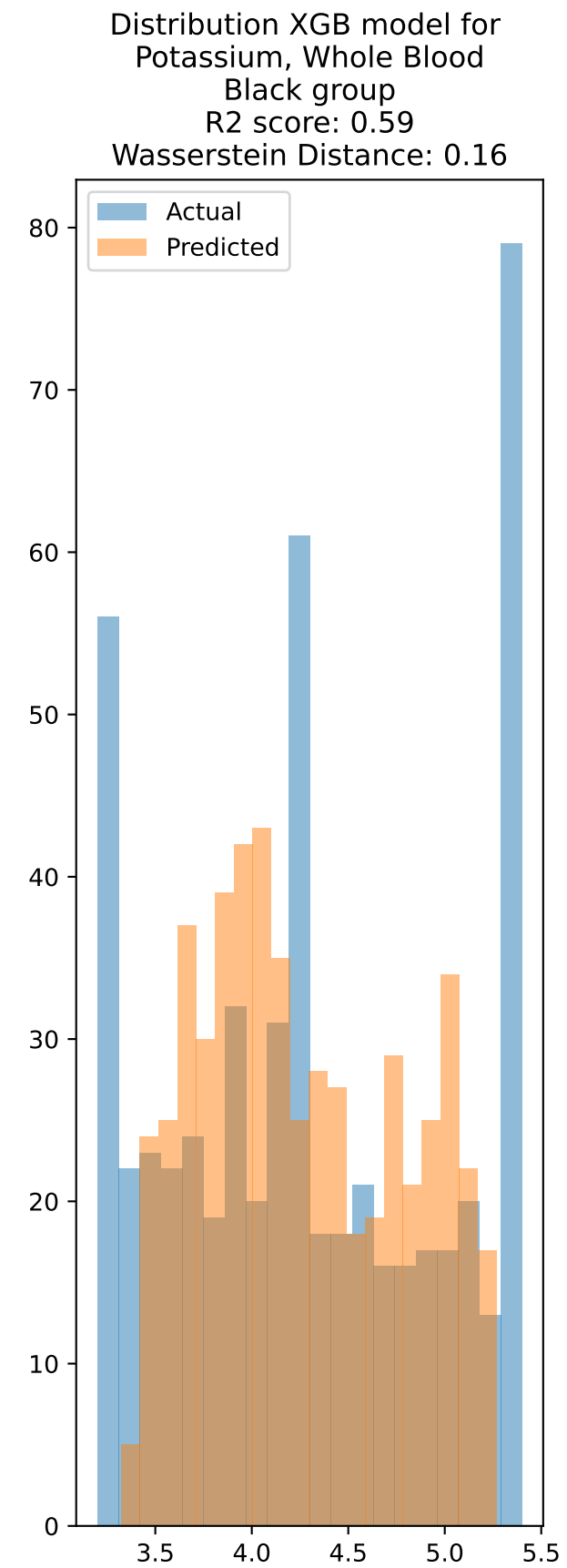
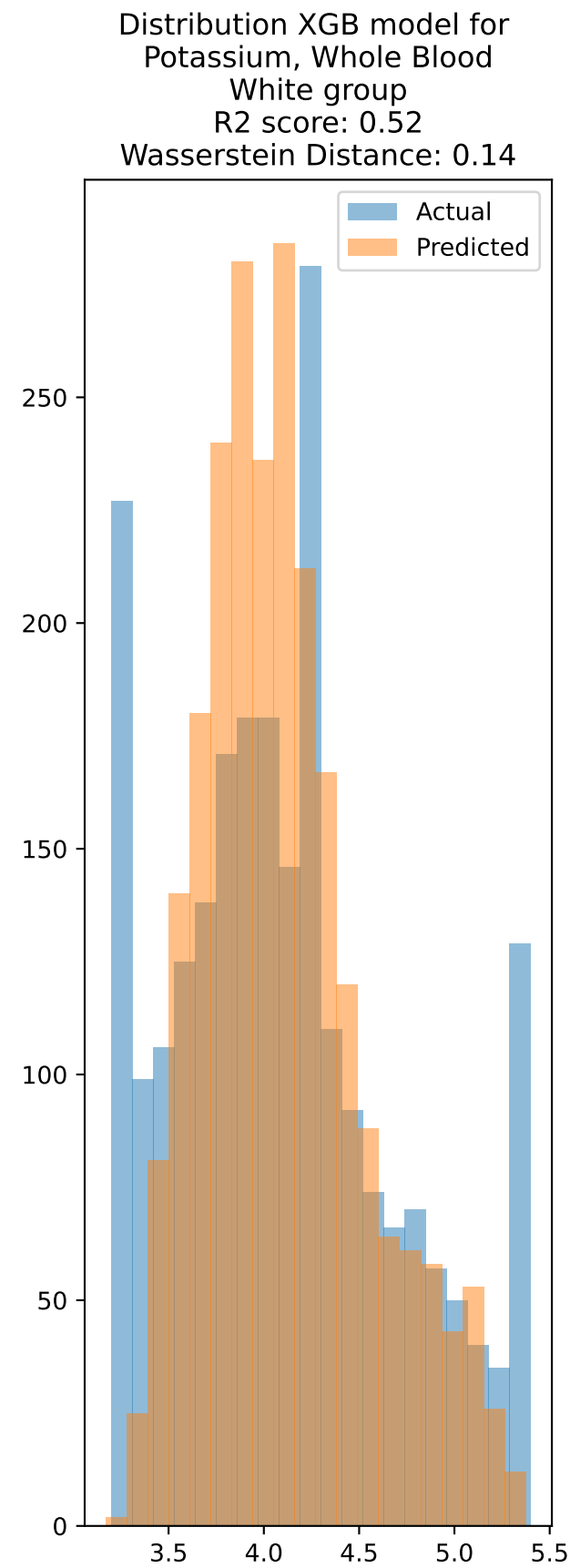
Distribution XGB model for
pH
Asian group
R2 score: 0.28
Wasserstein Distance: 0.27



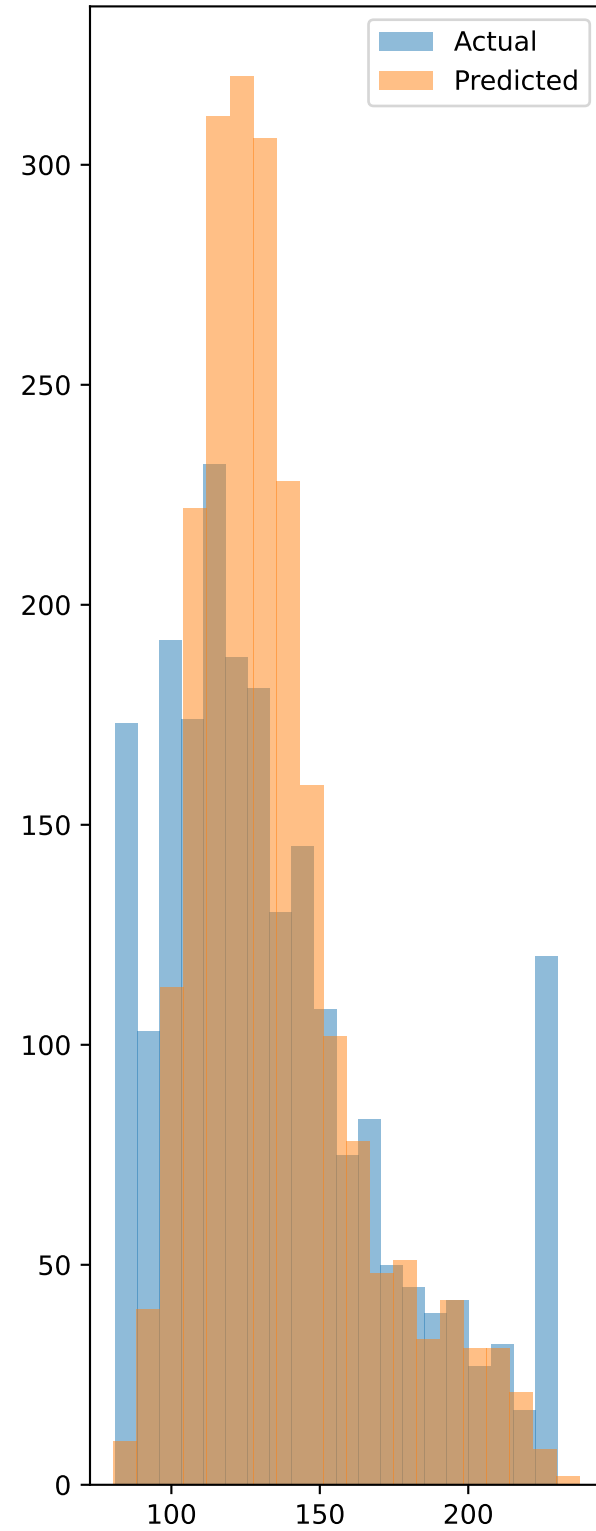
Distribution XGB model for
pH
Others group
R2 score: 0.33
Wasserstein Distance: 0.27



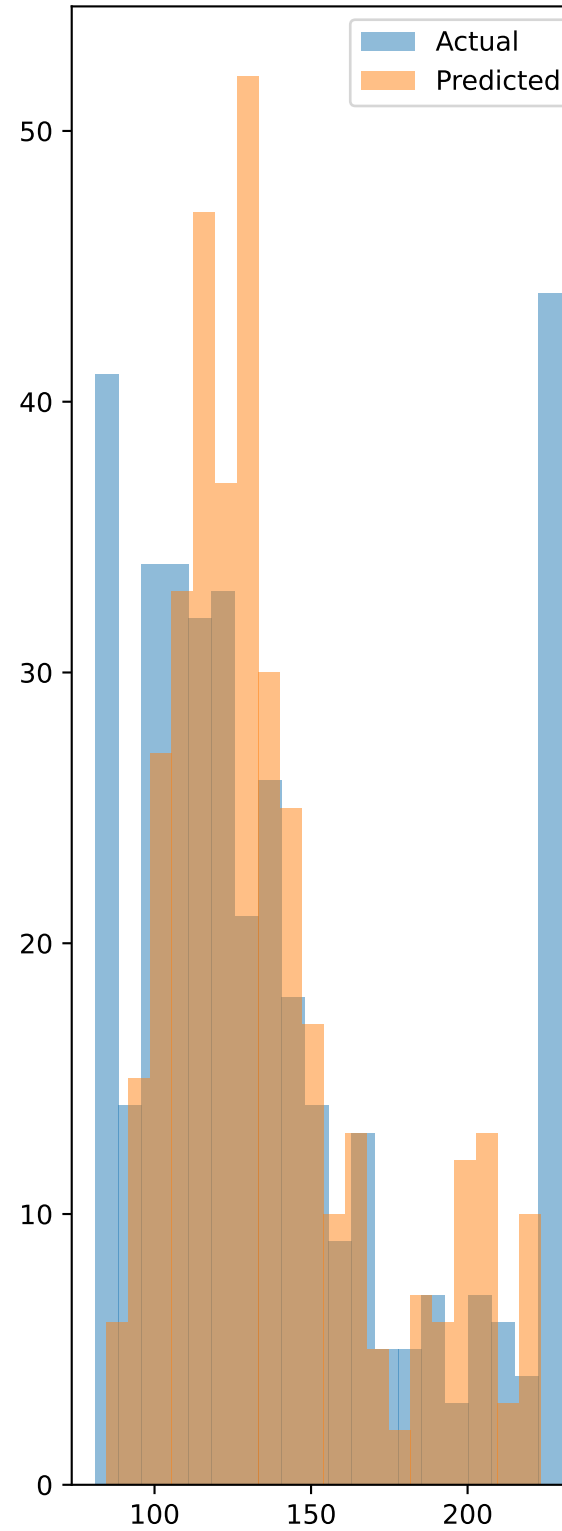




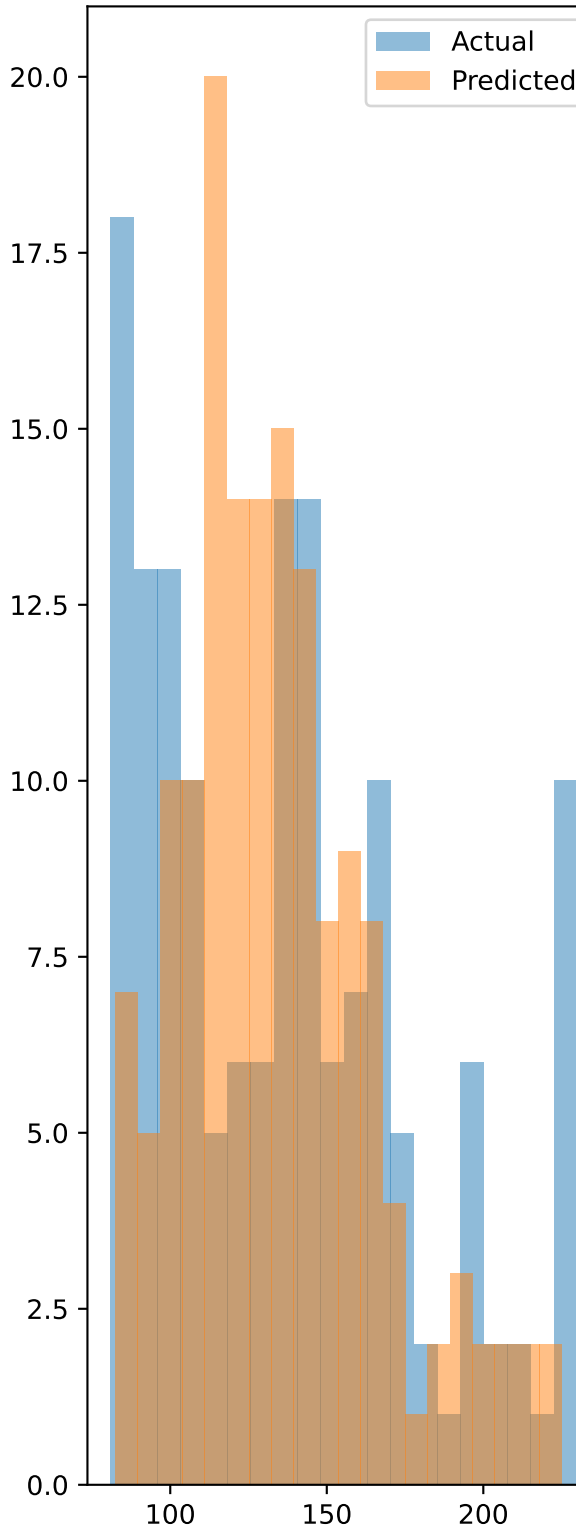
Distribution XGB model for
Glucose
White group
R2 score: 0.48
Wasserstein Distance: 10.23



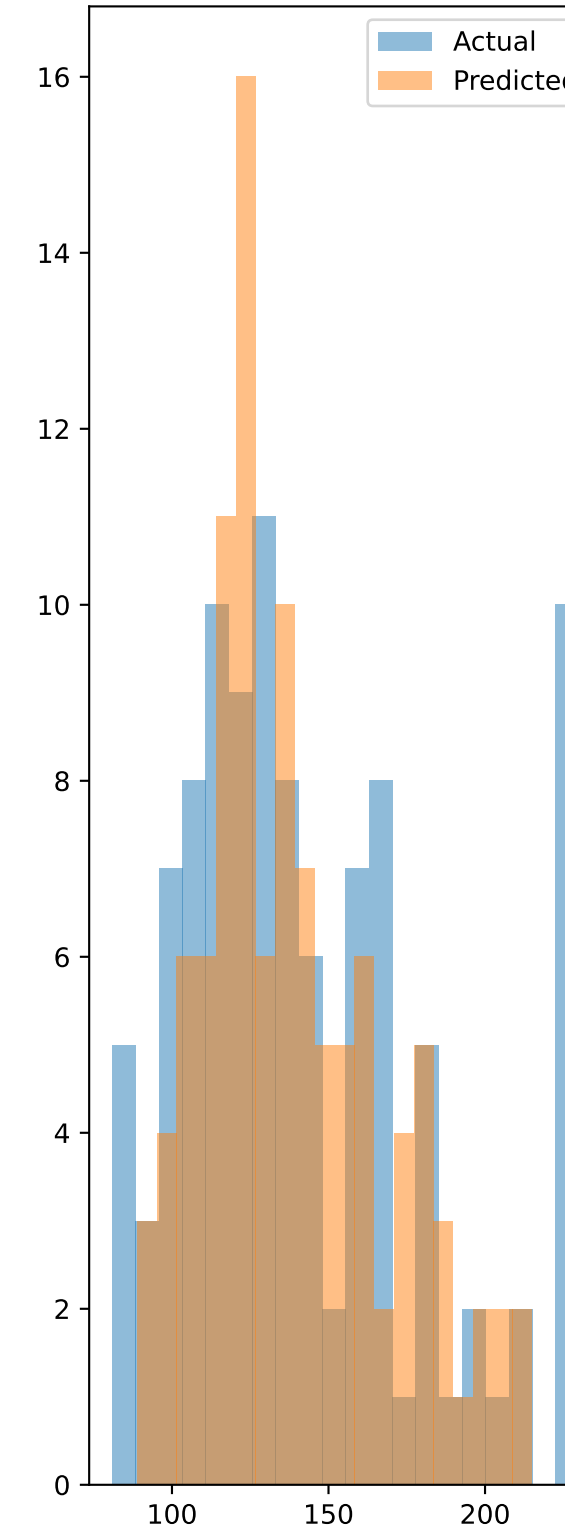
Distribution XGB model for
Glucose
Black group
R2 score: 0.57
Wasserstein Distance: 12.19



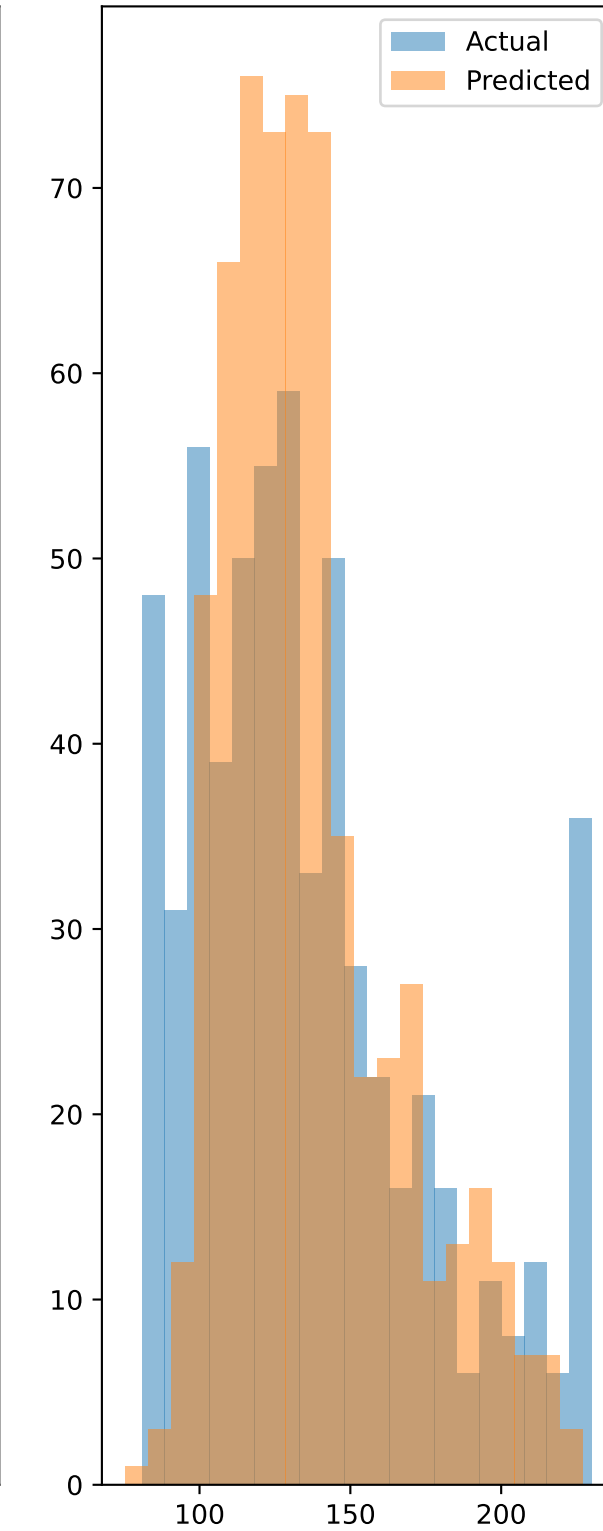
Distribution XGB model for
Glucose
Hispanic group
R2 score: 0.58
Wasserstein Distance: 11.47

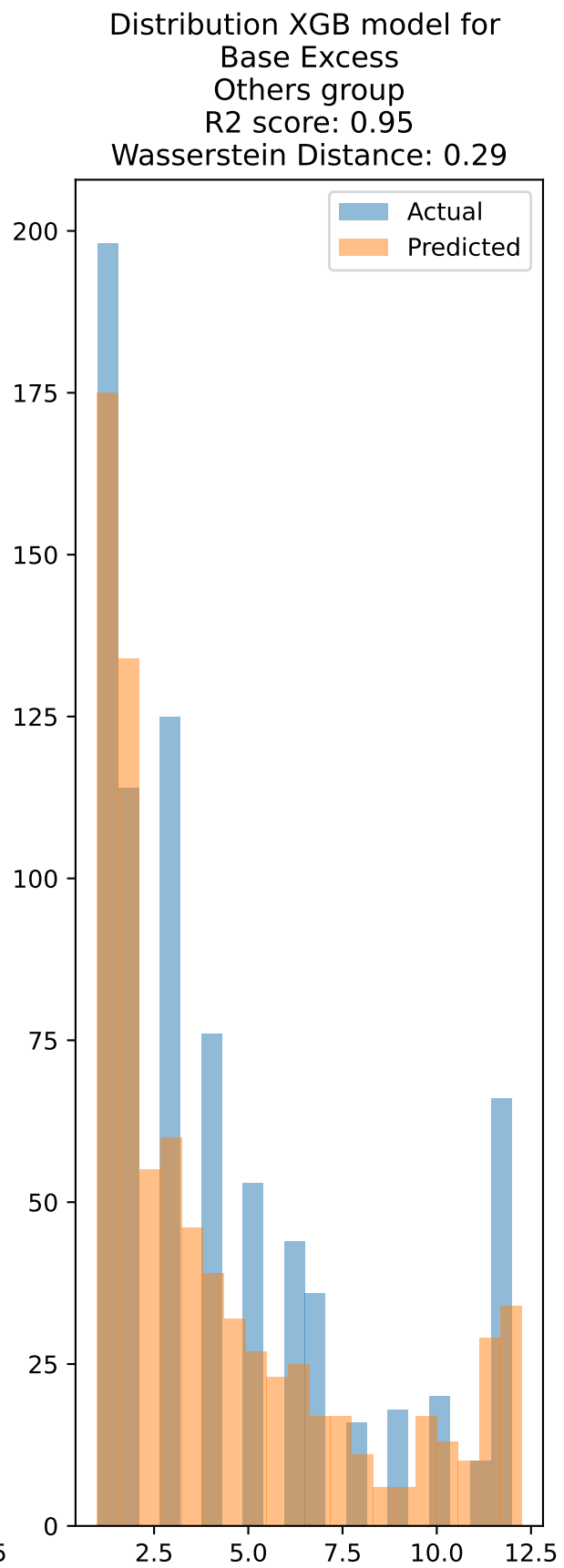
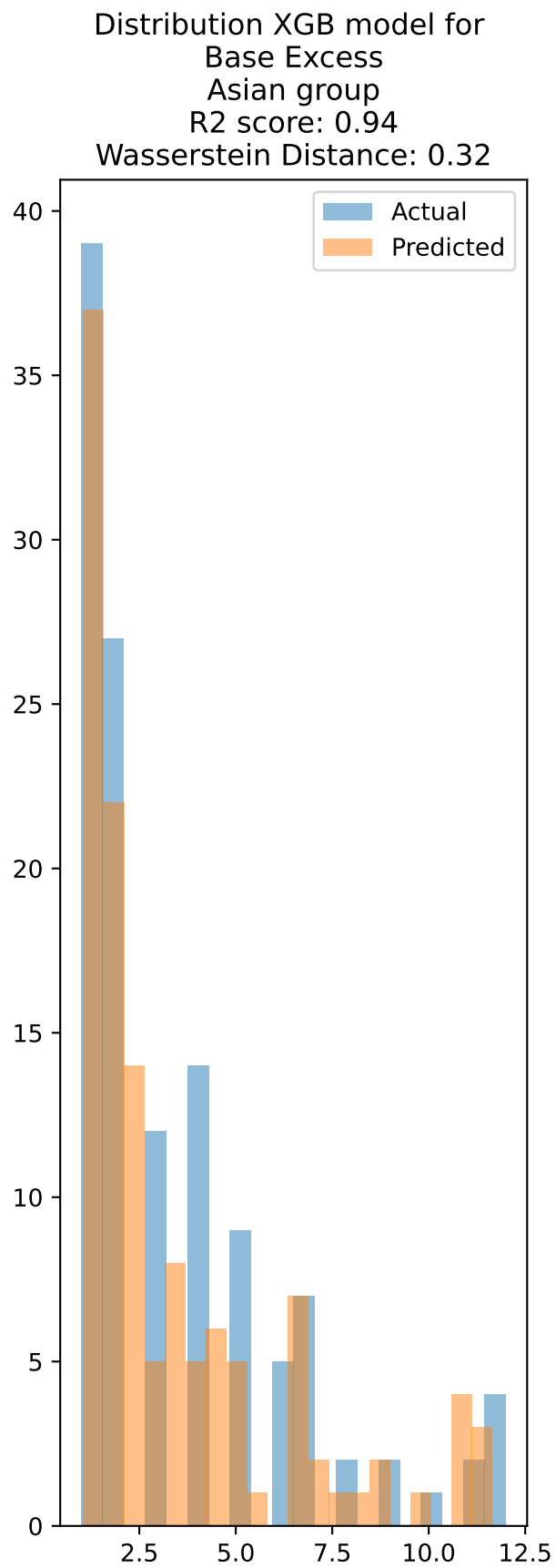
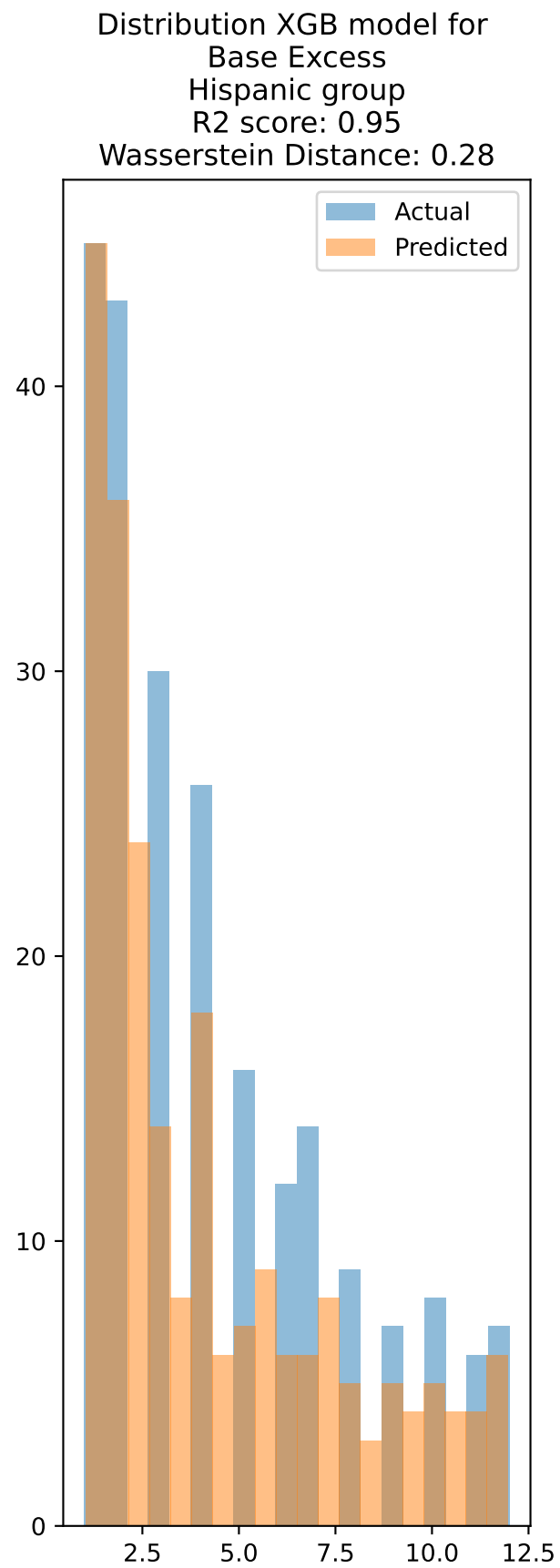
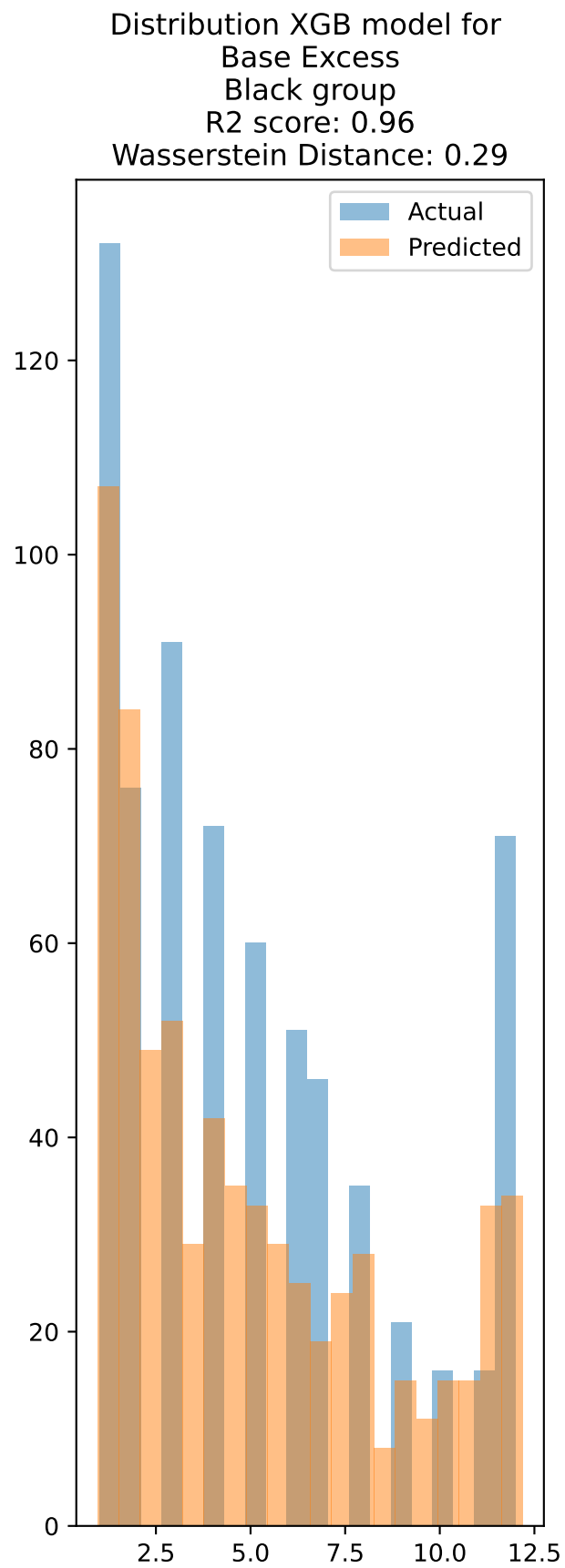
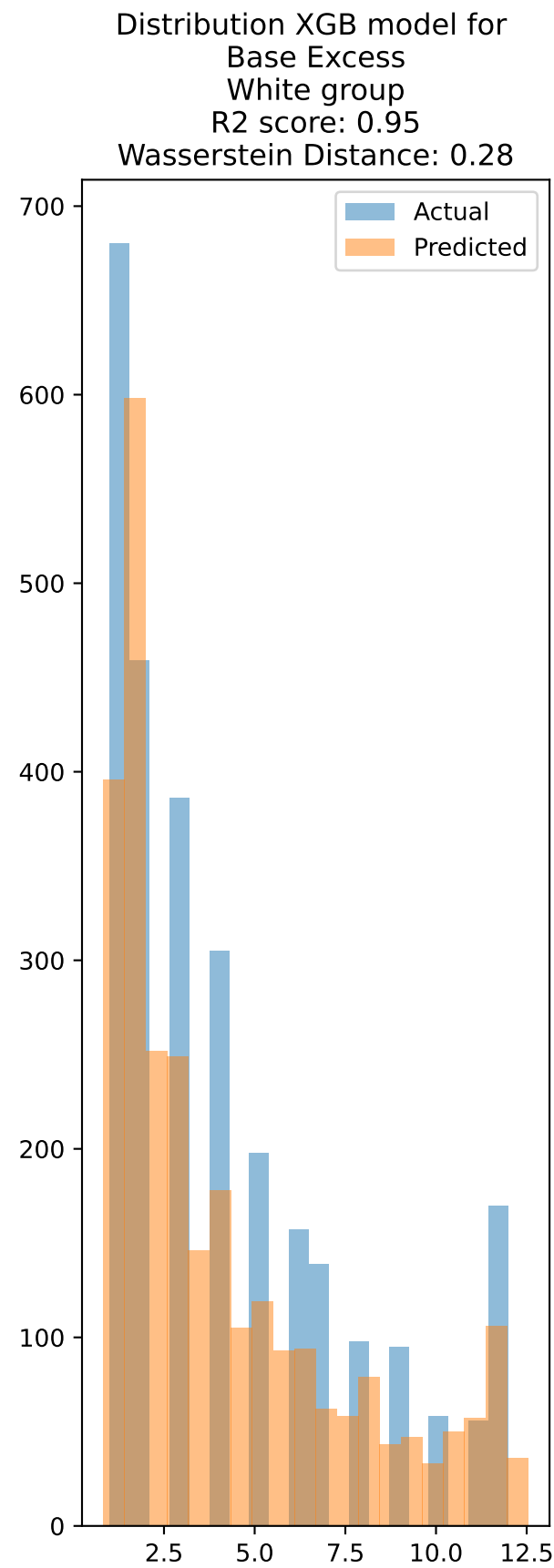


Distribution XGB model for
Glucose
Asian group
R2 score: 0.50
Wasserstein Distance: 8.75

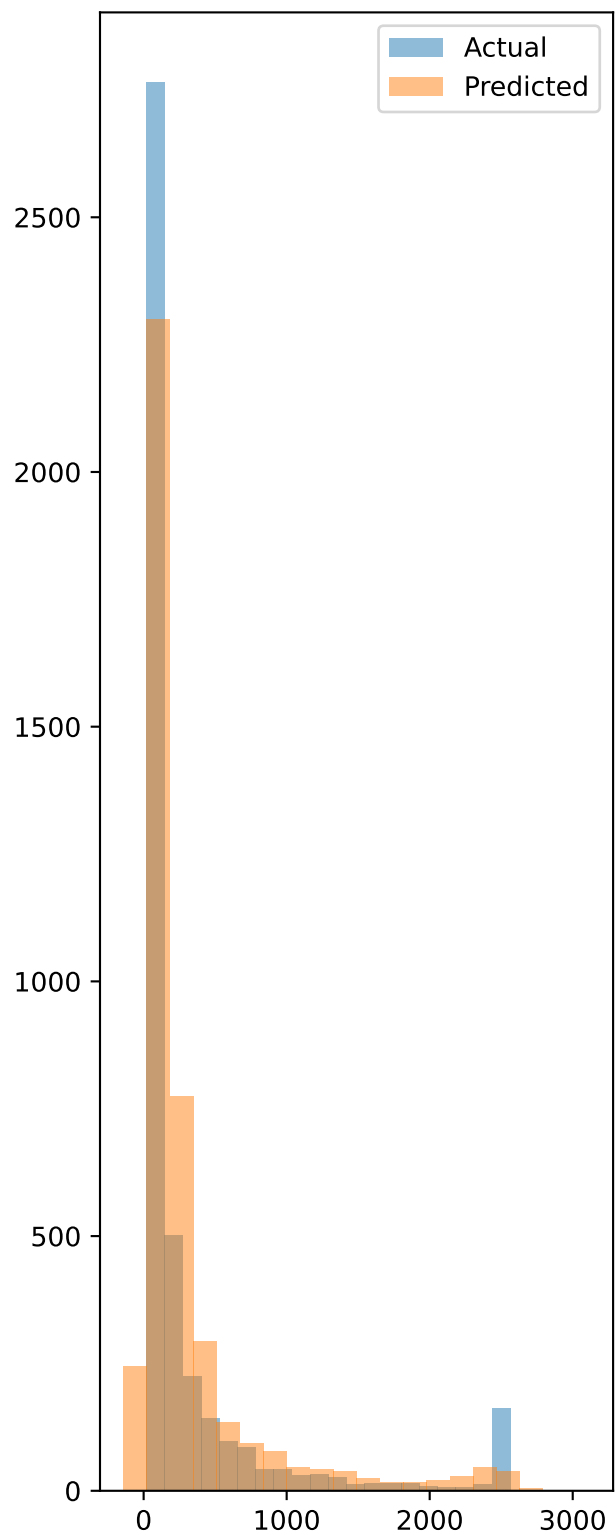


Distribution XGB model for
Glucose
Others group
R2 score: 0.54
Wasserstein Distance: 9.44

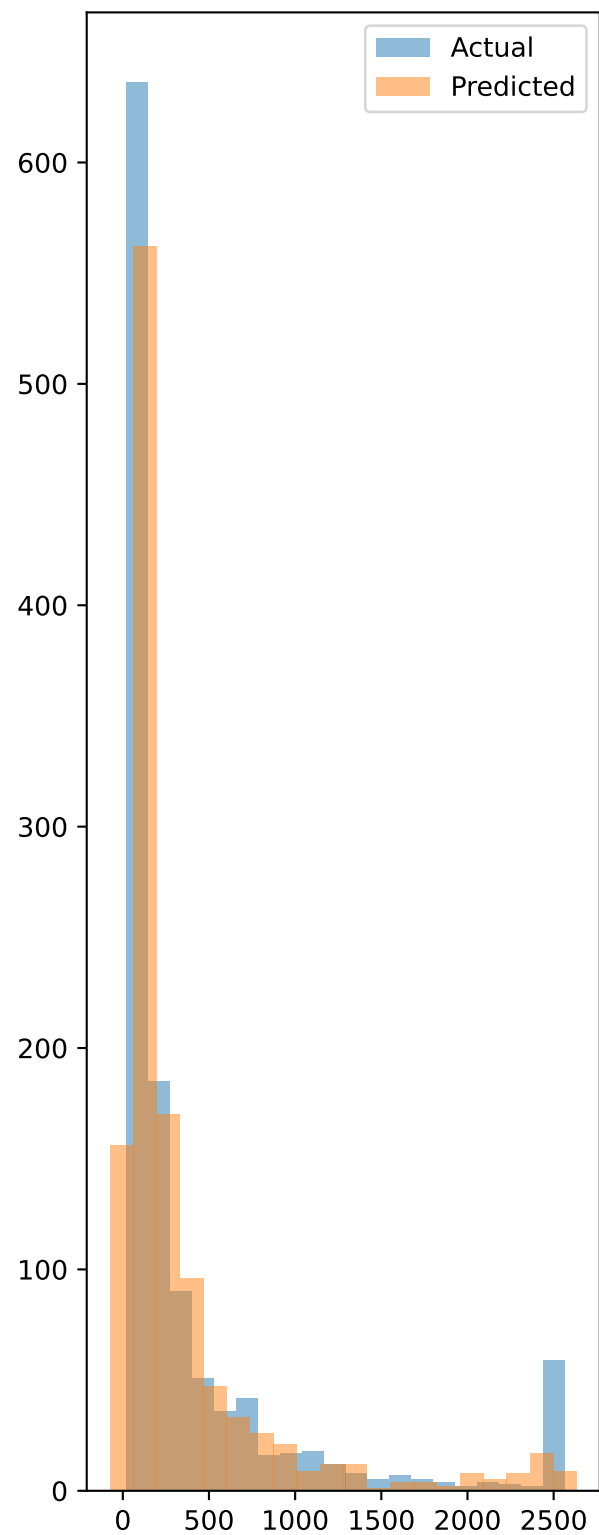




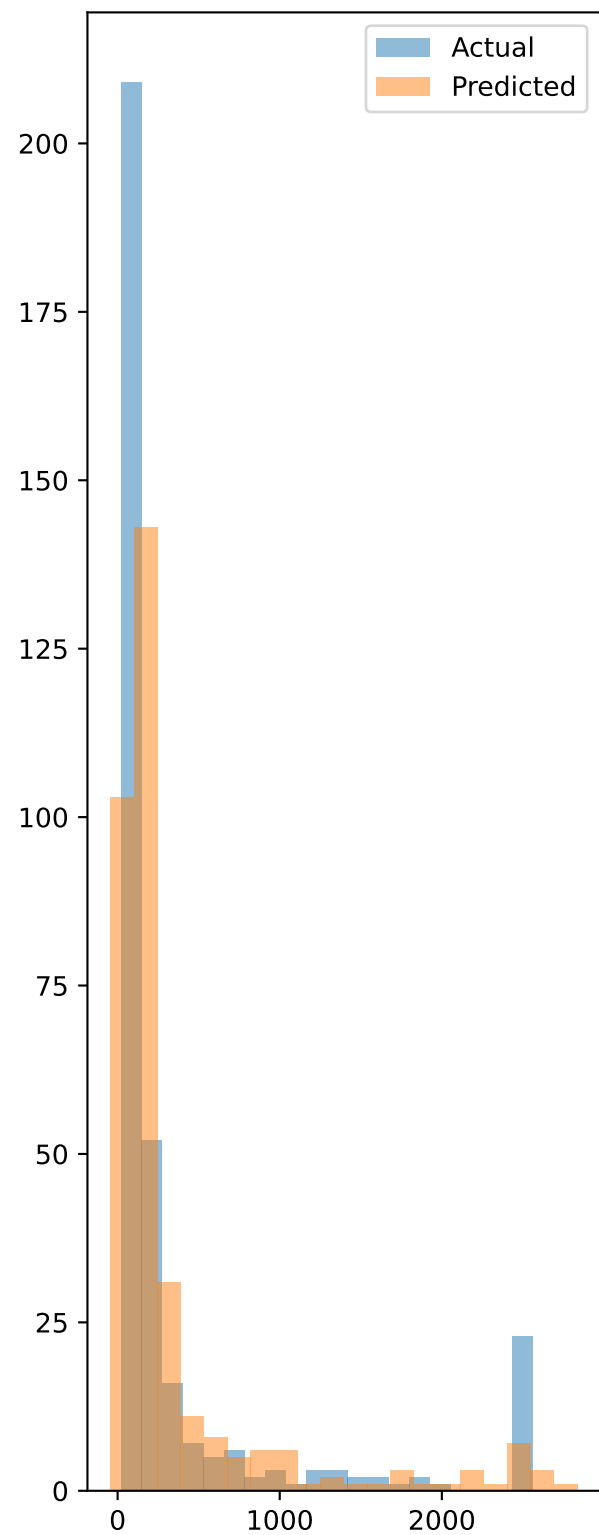
Distribution XGB model for
Creatine Kinase (CK)
White group
R2 score: 0.72
Wasserstein Distance: 60.21



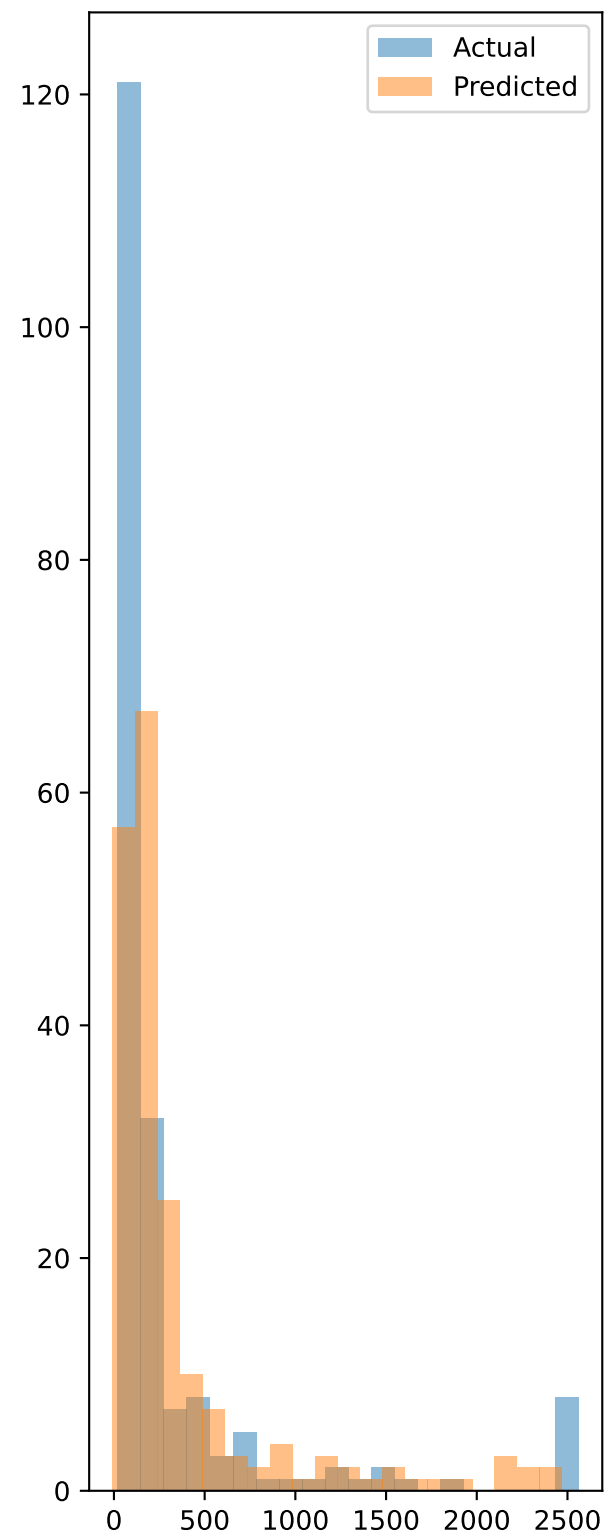
Distribution XGB model for
Creatine Kinase (CK)
Black group
R2 score: 0.70
Wasserstein Distance: 76.35



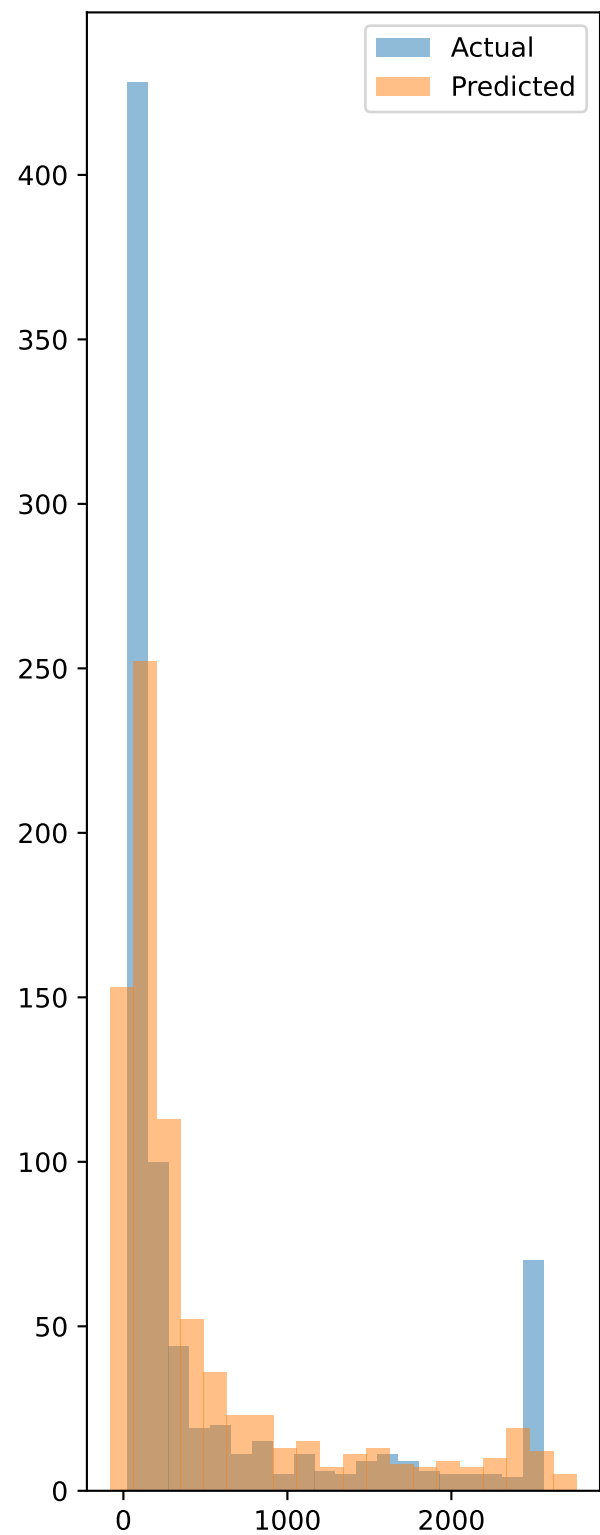
Distribution XGB model for
Creatine Kinase (CK)
Hispanic group
R2 score: 0.79
Wasserstein Distance: 83.44

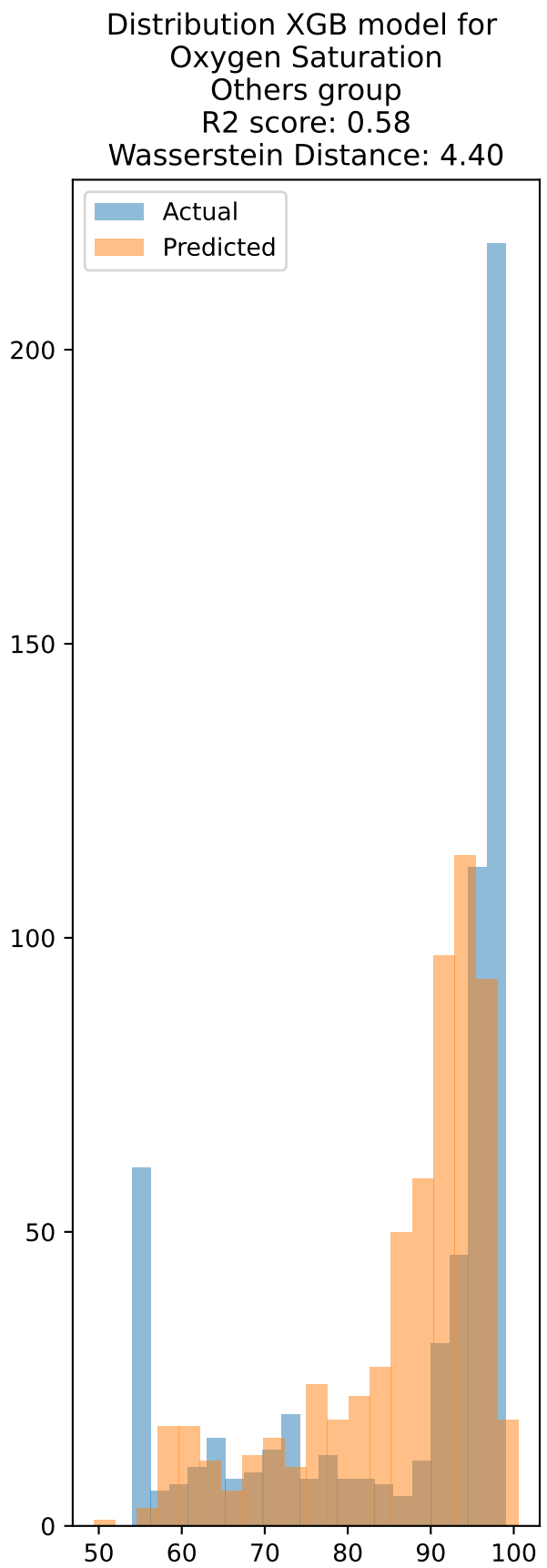
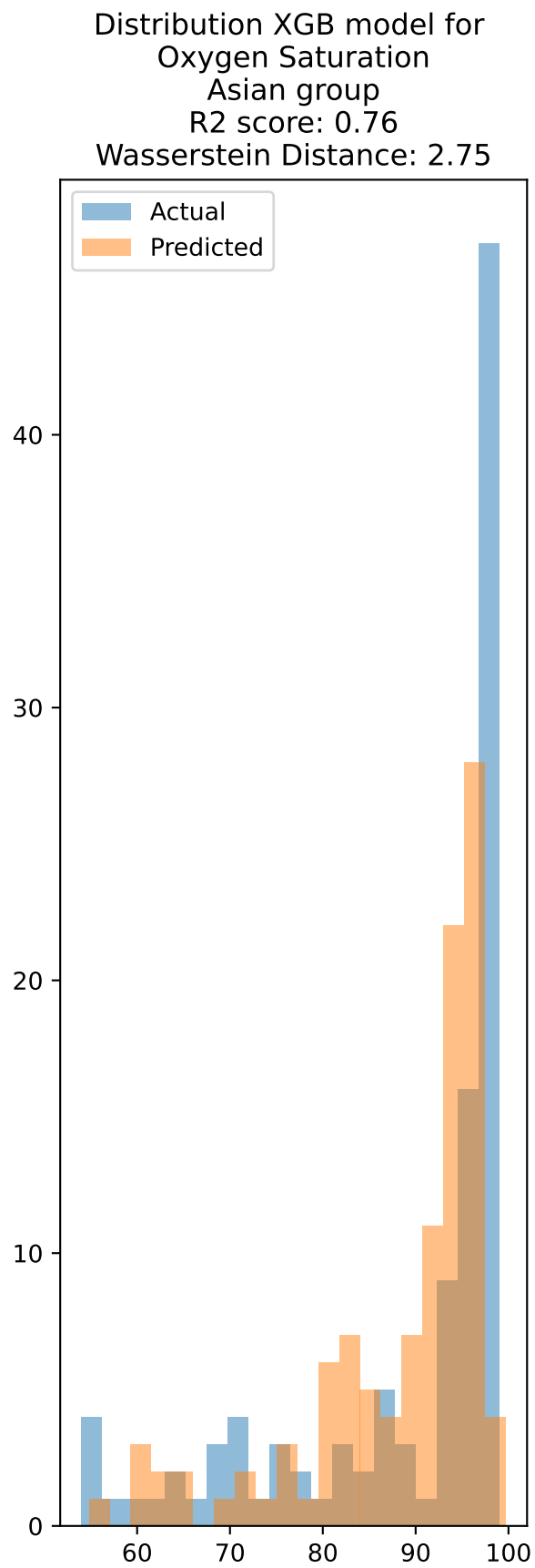
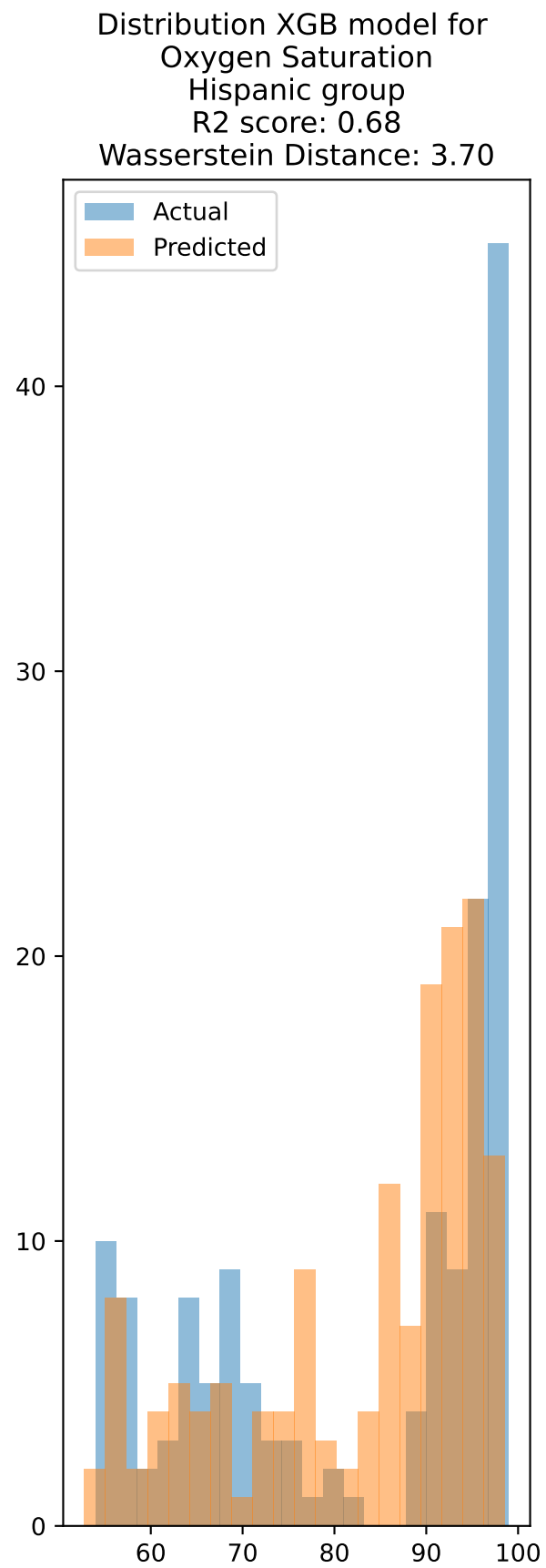
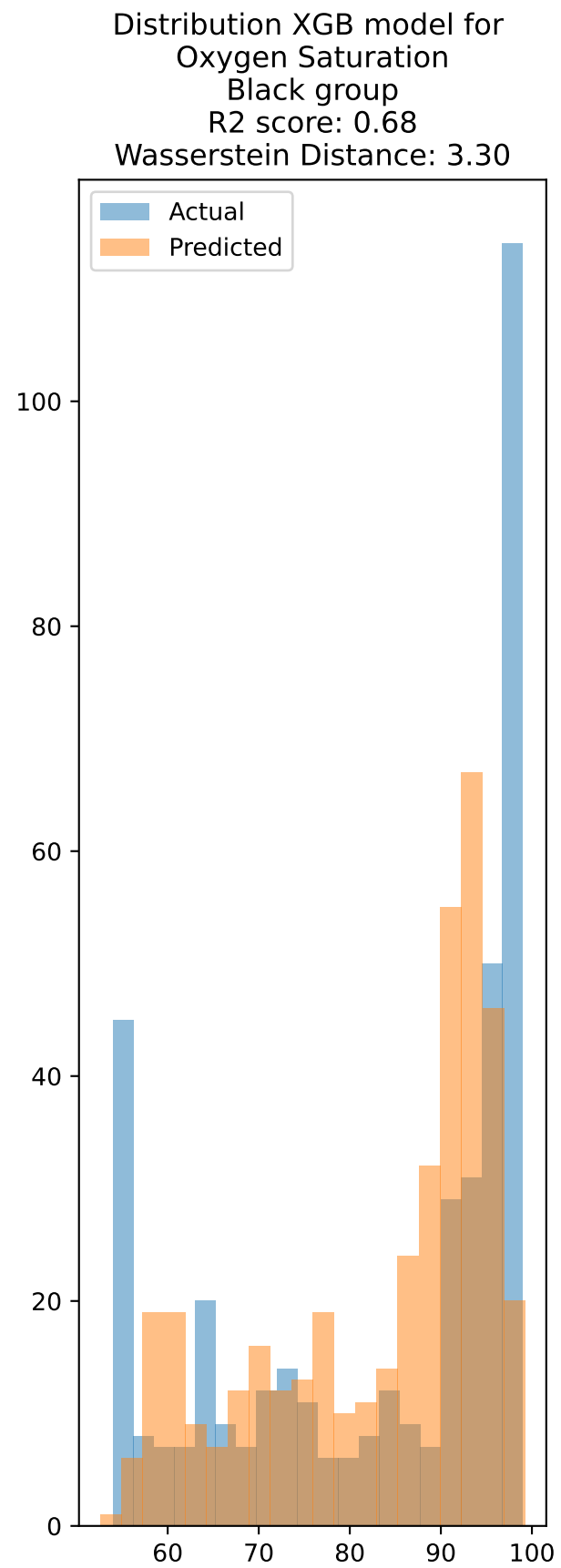
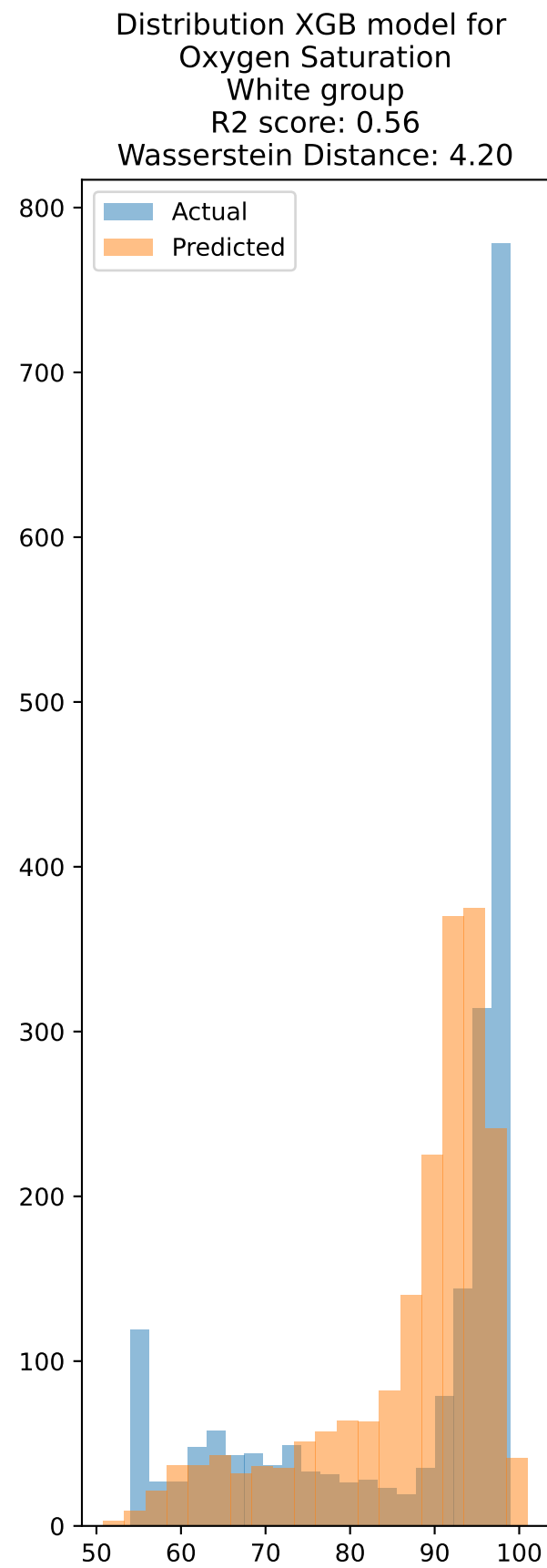


Distribution XGB model for
Creatine Kinase (CK)
Asian group
R2 score: 0.79
Wasserstein Distance: 82.03

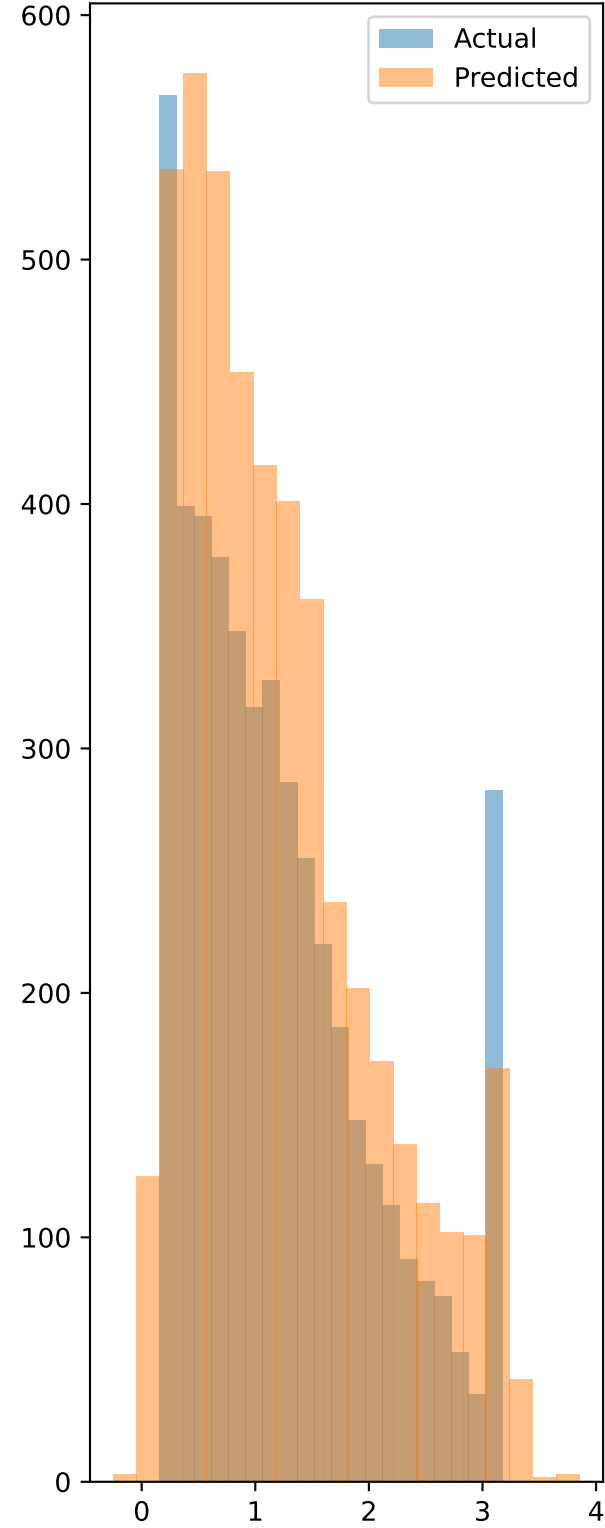


Distribution XGB model for
Creatine Kinase (CK)
Others group
R2 score: 0.78
Wasserstein Distance: 106.54

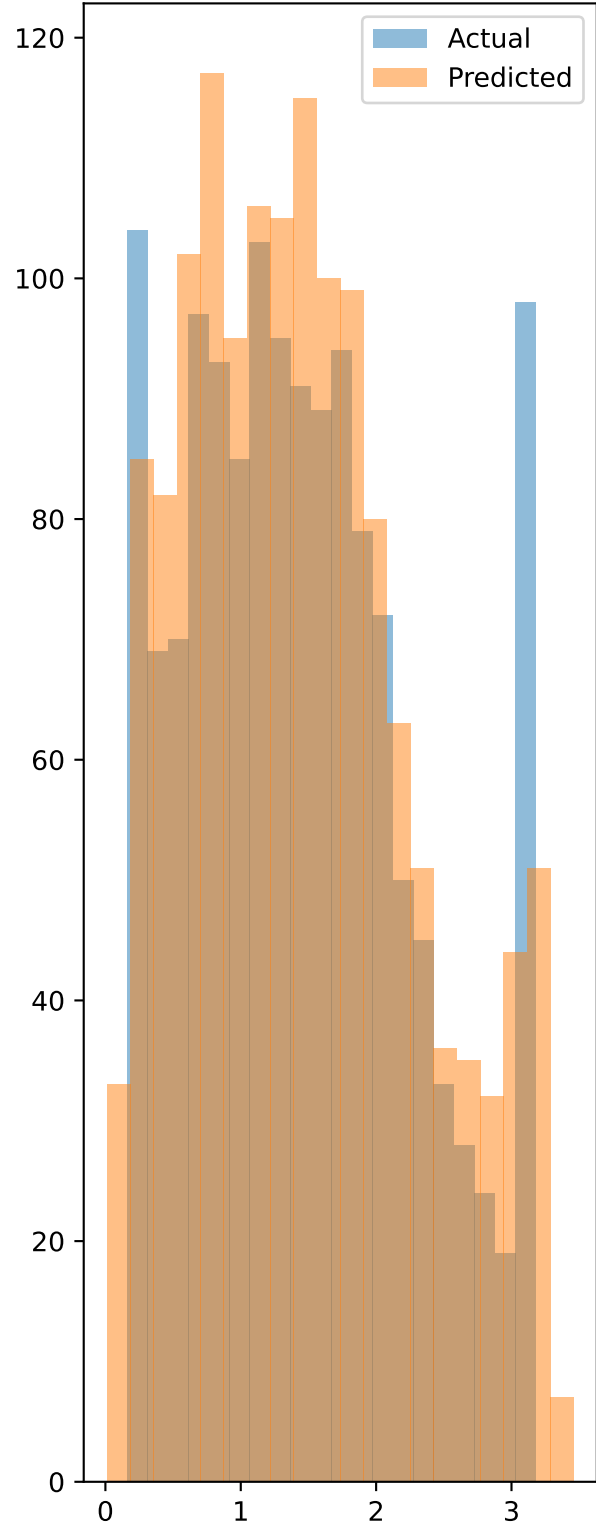




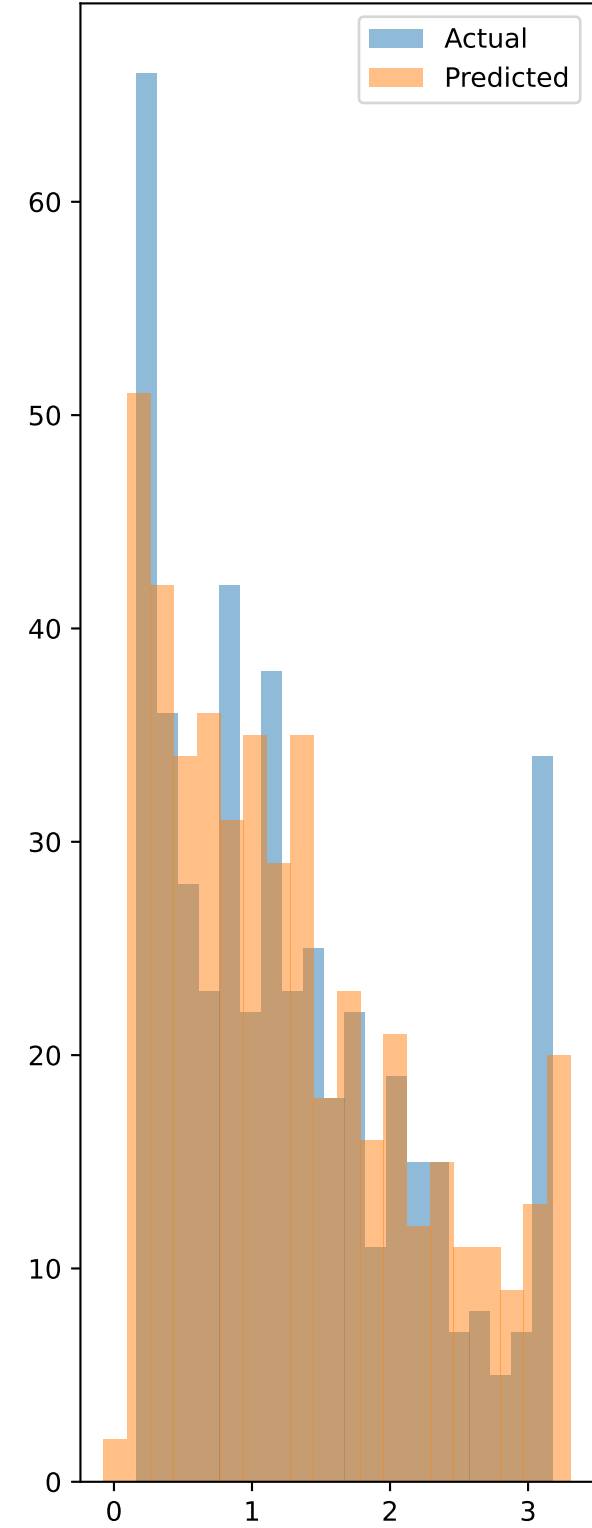
Distribution XGB model for
Absolute Lymphocyte Count
White group
R2 score: 0.99
Wasserstein Distance: 0.02



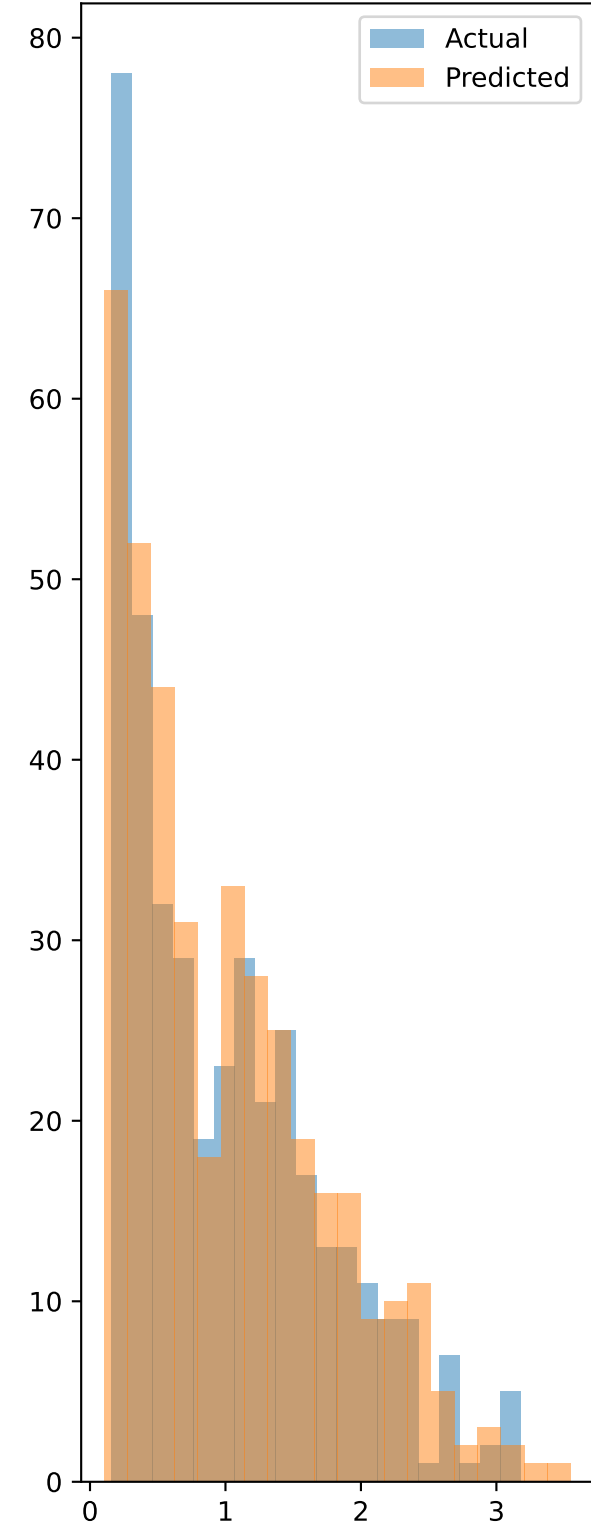
Distribution XGB model for
Absolute Lymphocyte Count
Black group
R2 score: 0.99
Wasserstein Distance: 0.01



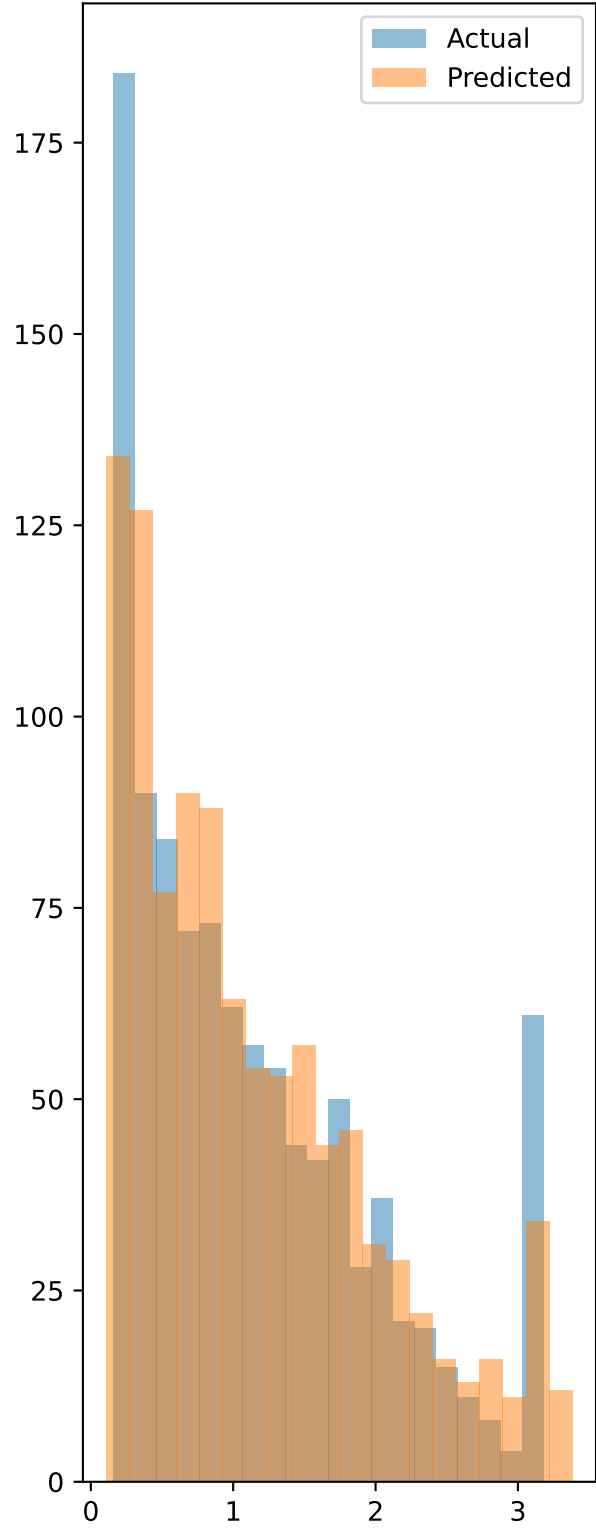
Distribution XGB model for
Absolute Lymphocyte Count
Hispanic group
R2 score: 0.99
Wasserstein Distance: 0.02

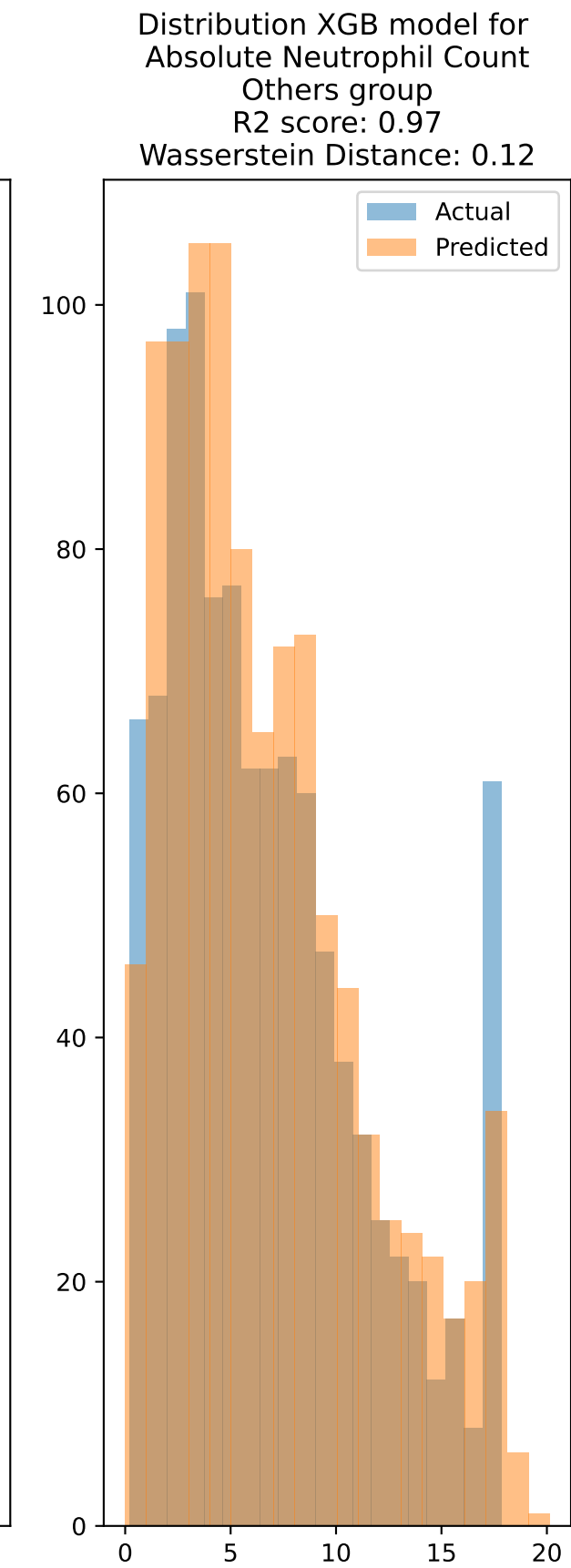
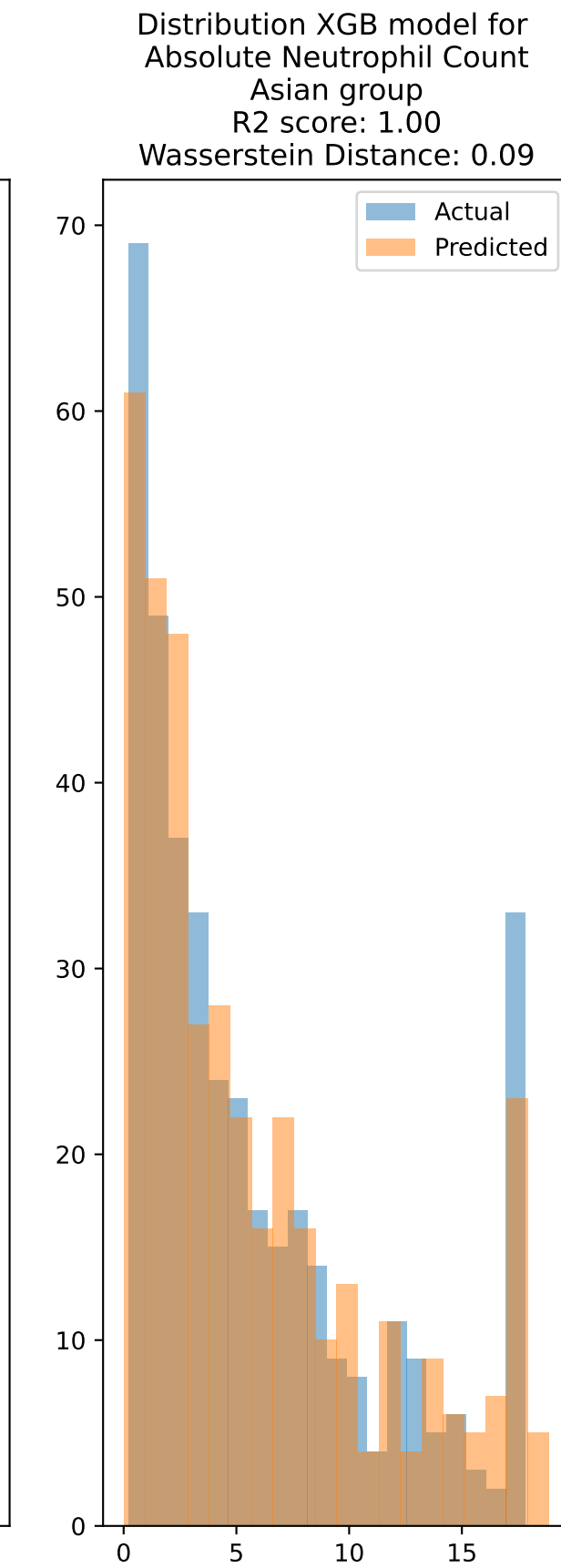
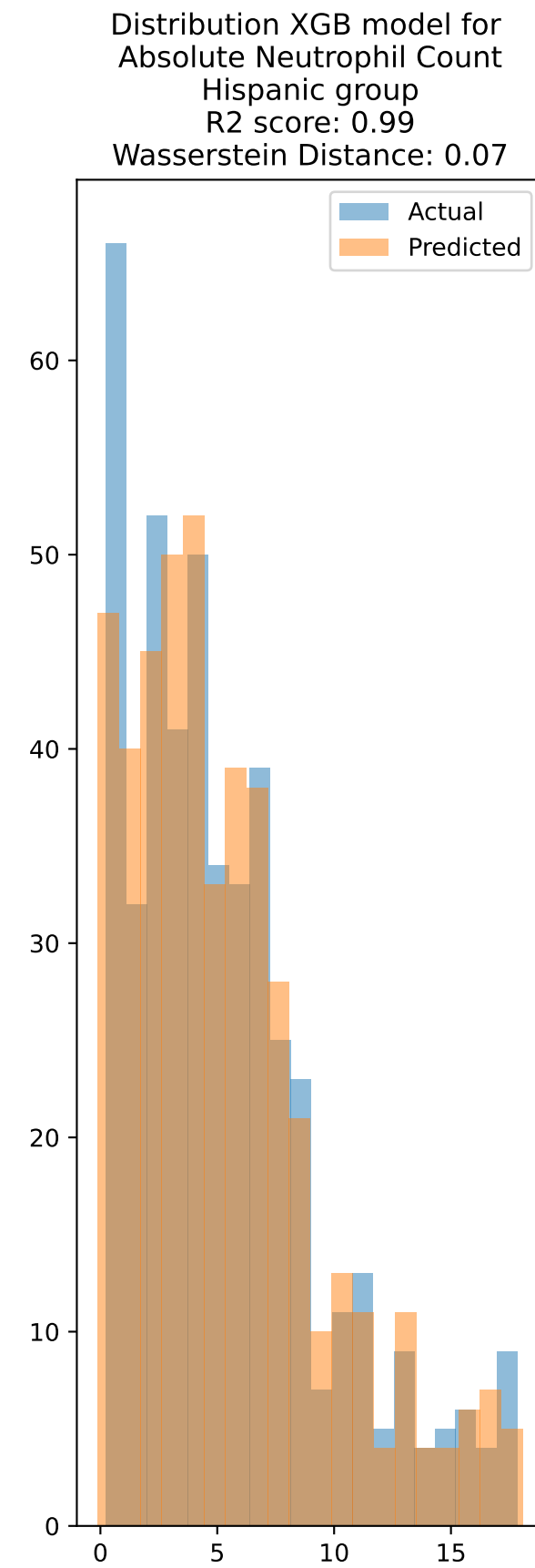
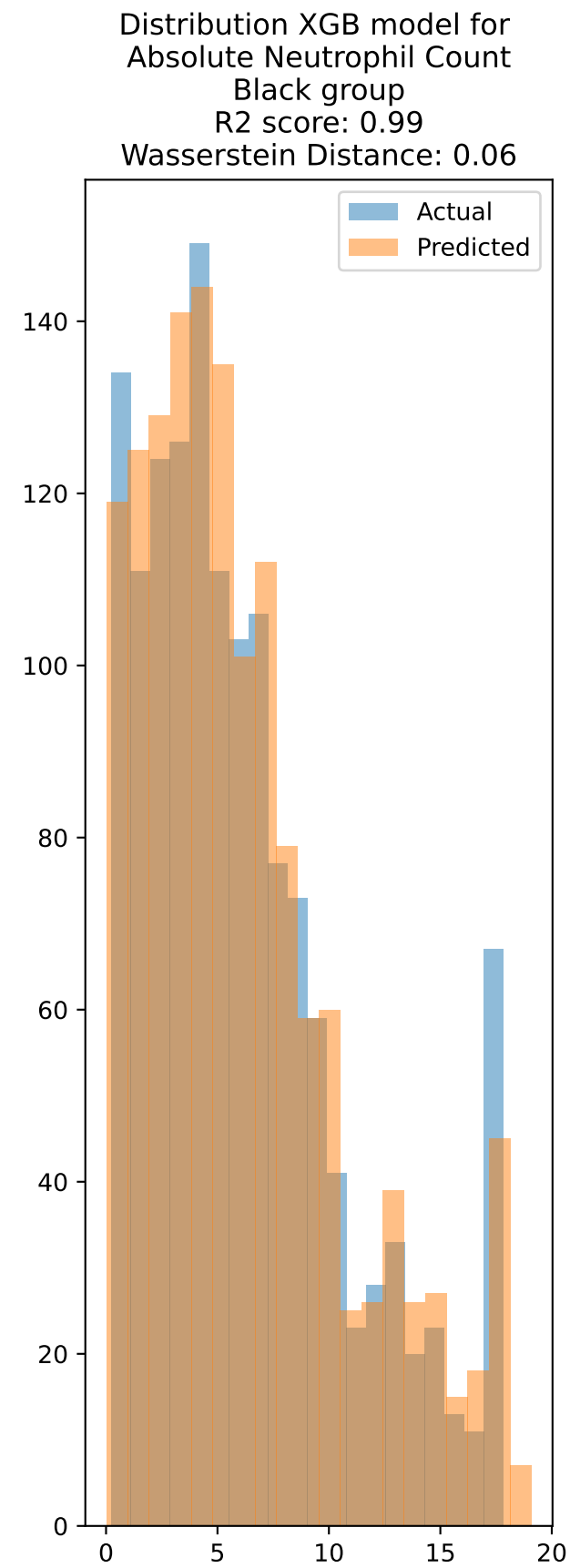
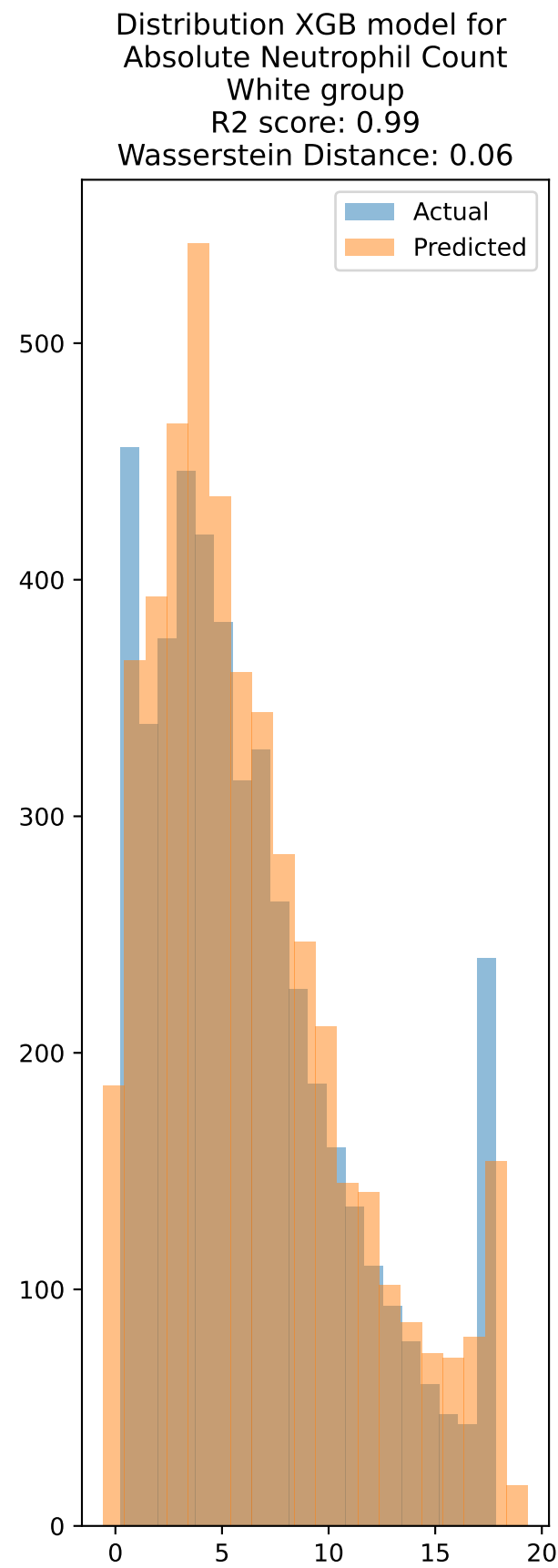


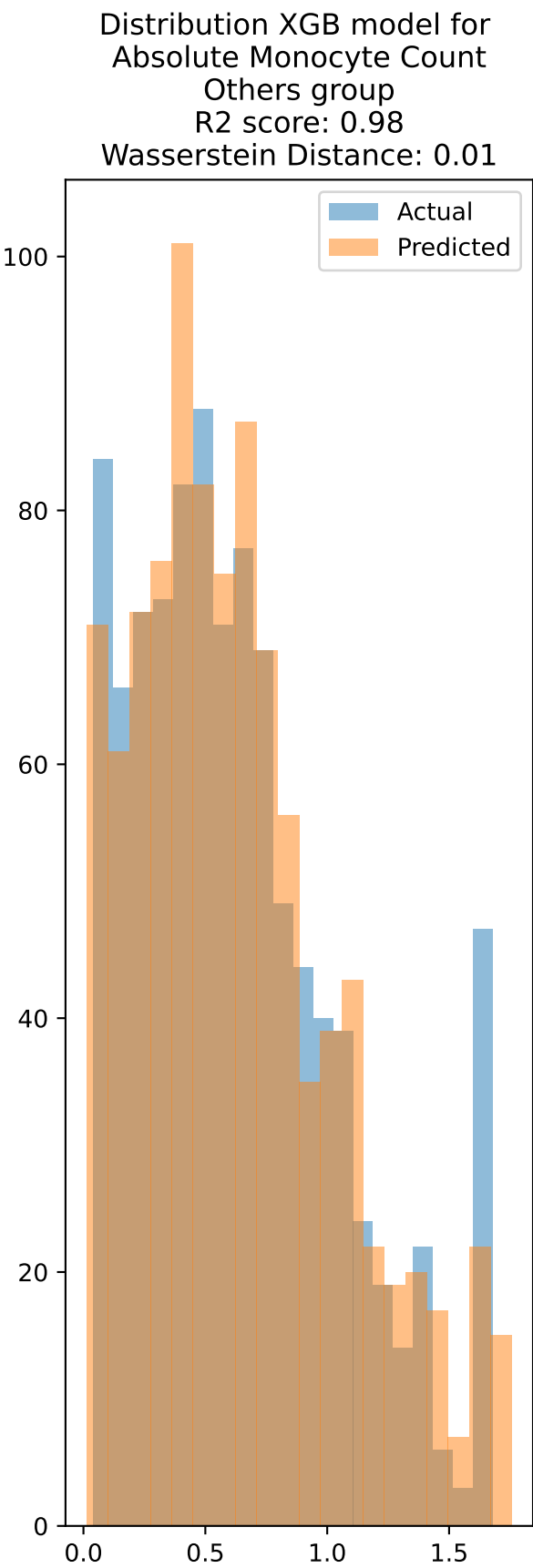
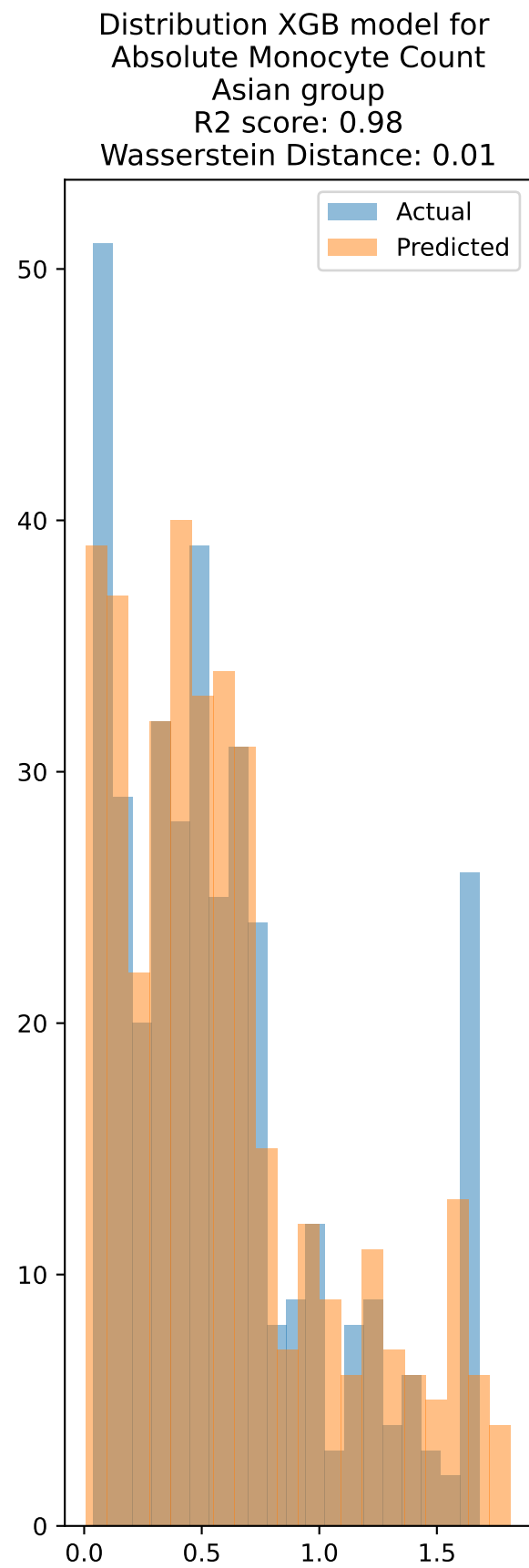
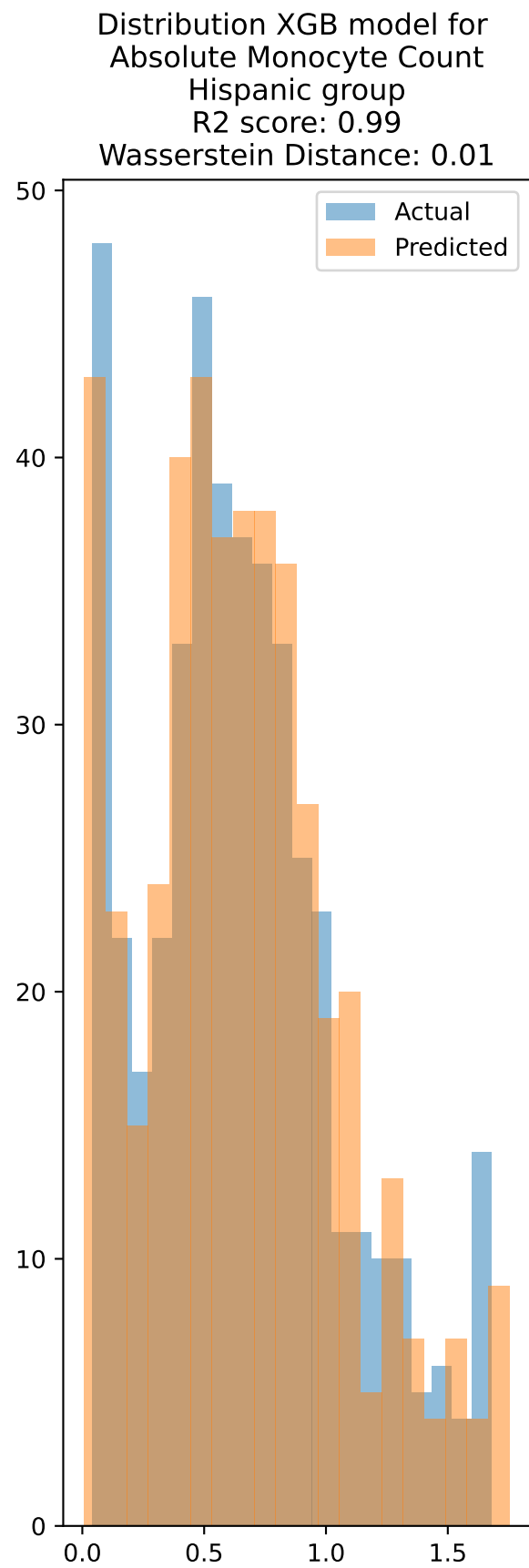
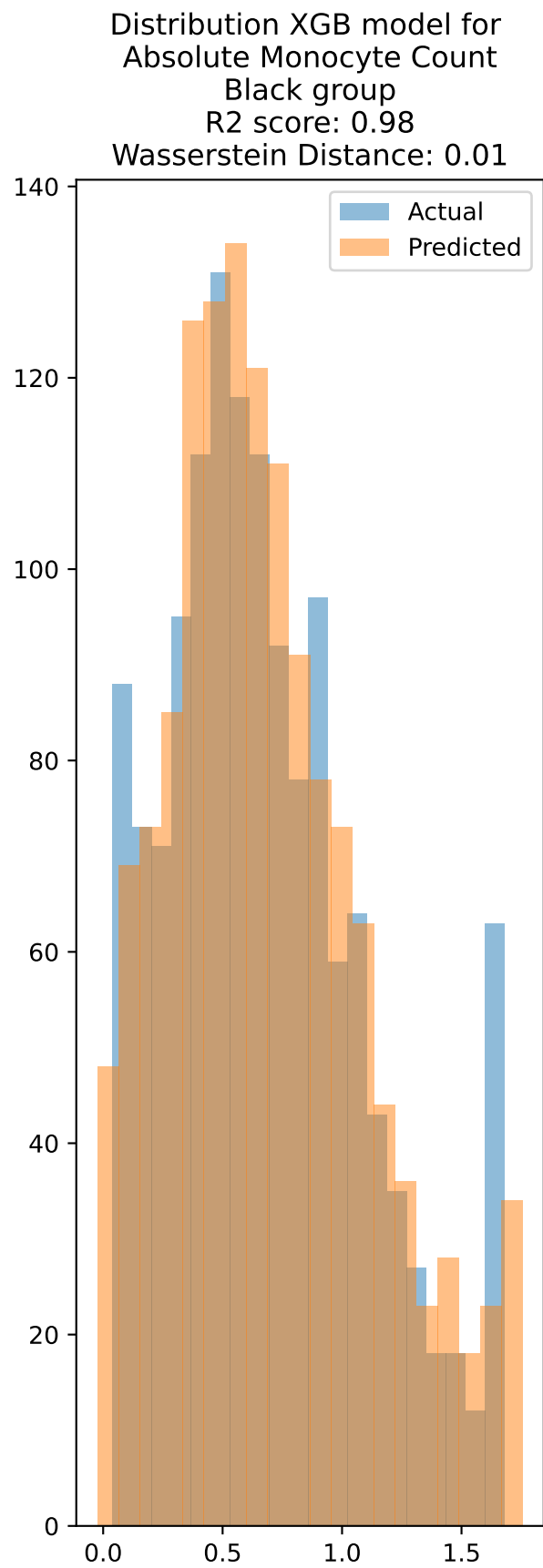
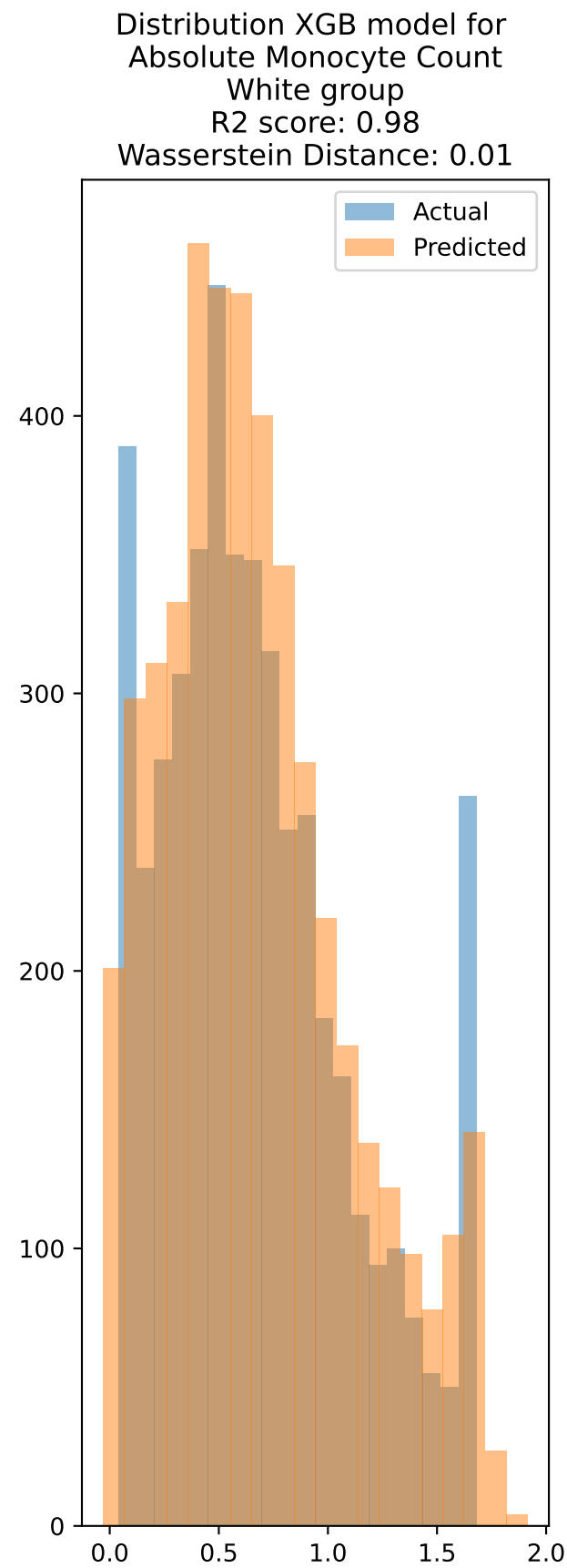
Distribution XGB model for
Absolute Lymphocyte Count
Asian group
R2 score: 0.98
Wasserstein Distance: 0.02



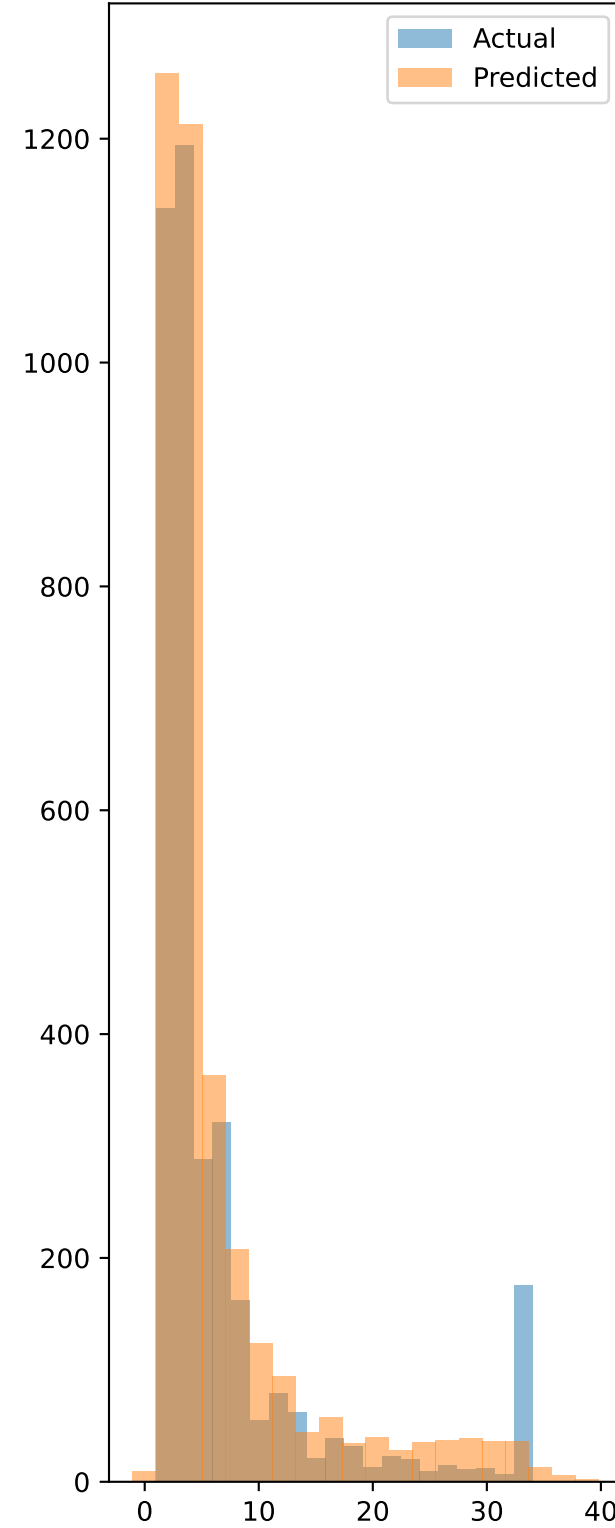
Distribution XGB model for
Absolute Lymphocyte Count
Others group
R2 score: 0.98
Wasserstein Distance: 0.02



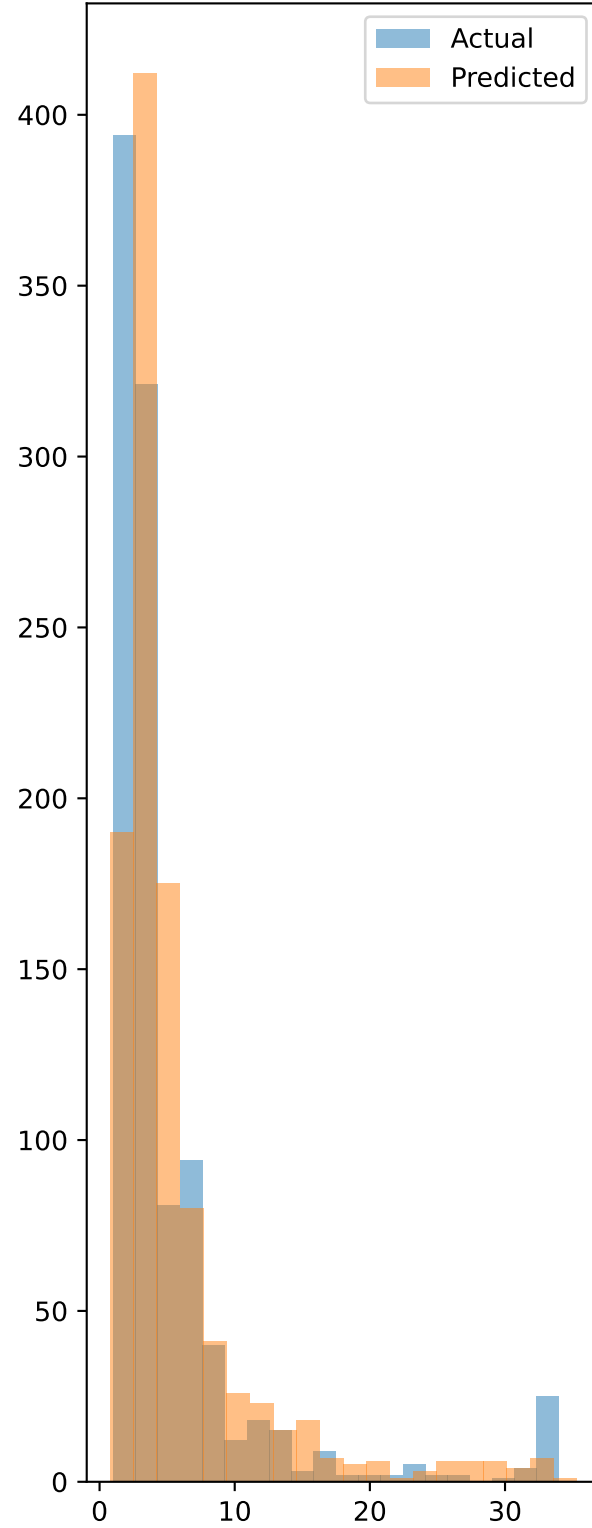




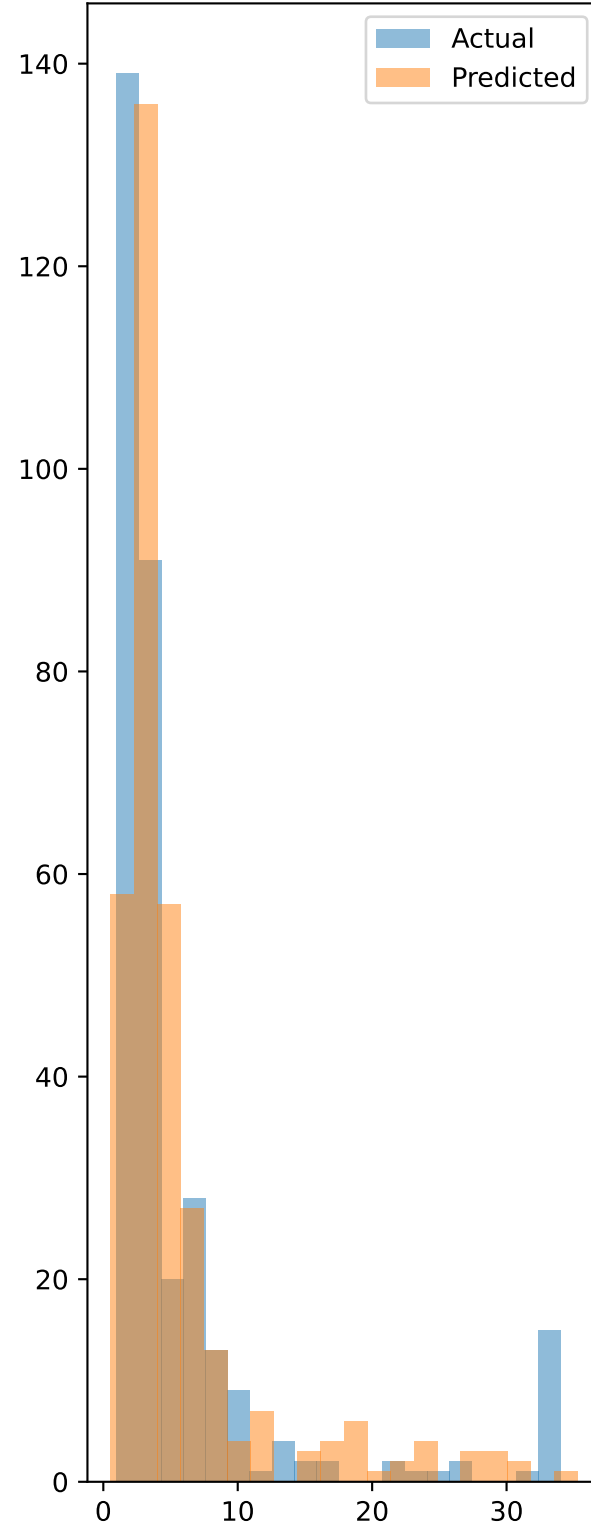
Distribution XGB model for
Creatine Kinase, MB Isoenzyme
White group
R2 score: 0.76
Wasserstein Distance: 0.63



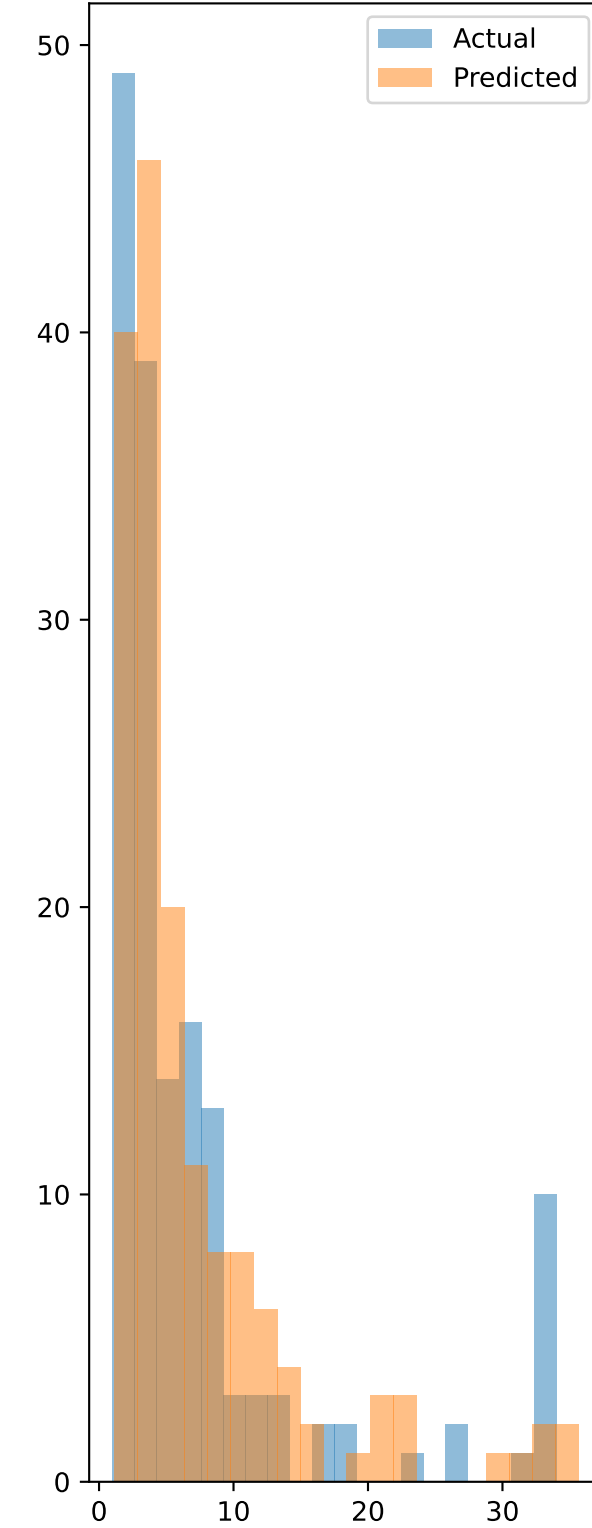
Distribution XGB model for
Creatine Kinase, MB Isoenzyme
Black group
R2 score: 0.68
Wasserstein Distance: 0.90



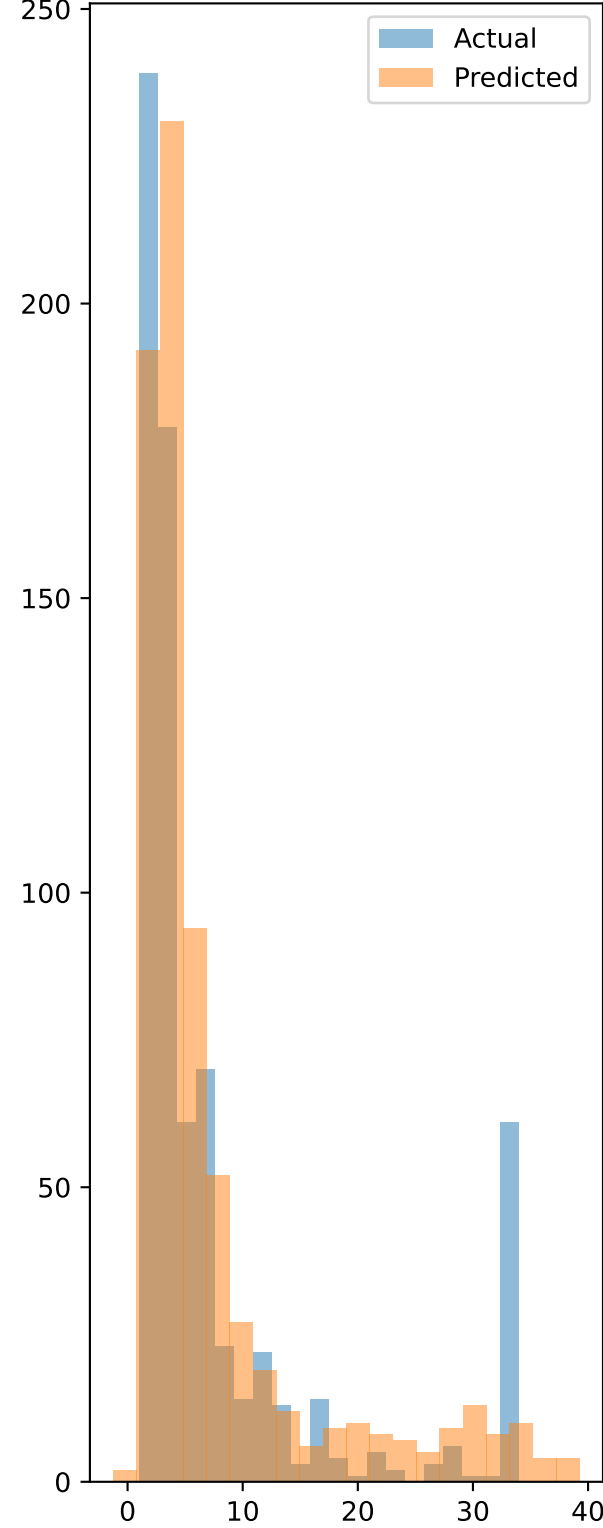
Distribution XGB model for
Creatine Kinase, MB Isoenzyme
Hispanic group
R2 score: 0.77
Wasserstein Distance: 1.01



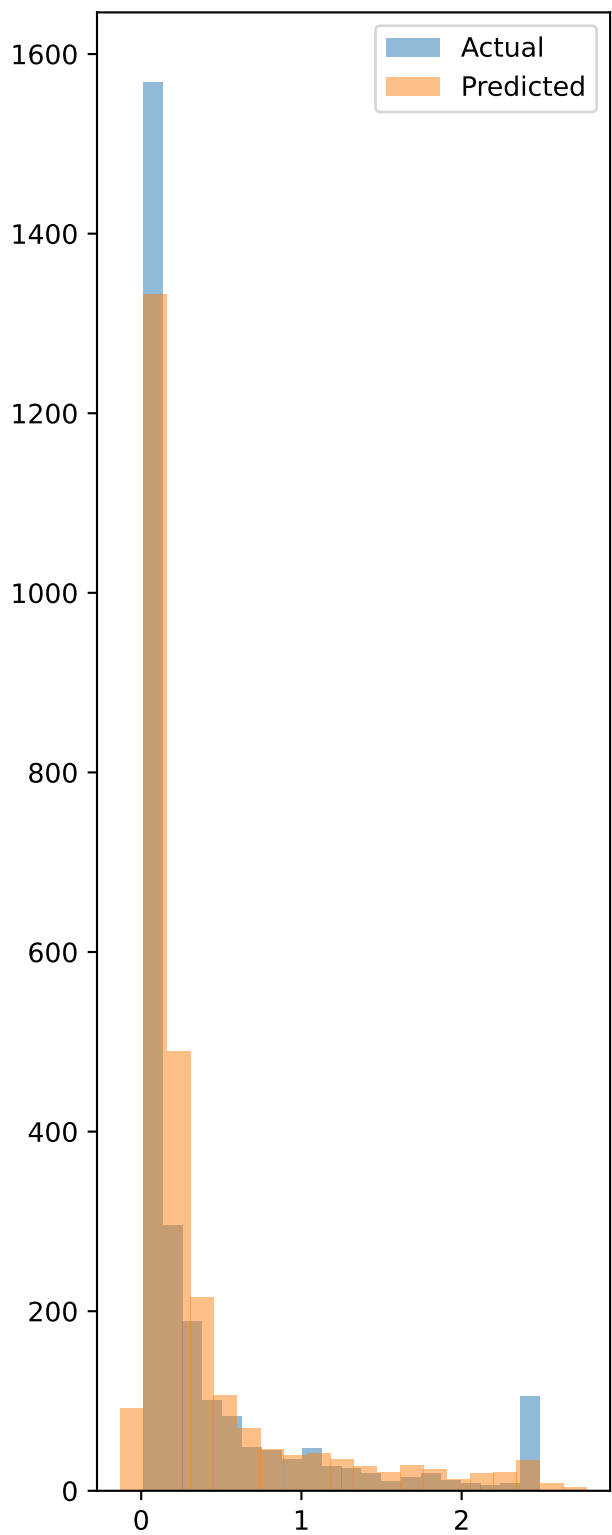
Distribution XGB model for
Creatine Kinase, MB Isoenzyme
Asian group
R2 score: 0.81
Wasserstein Distance: 1.23



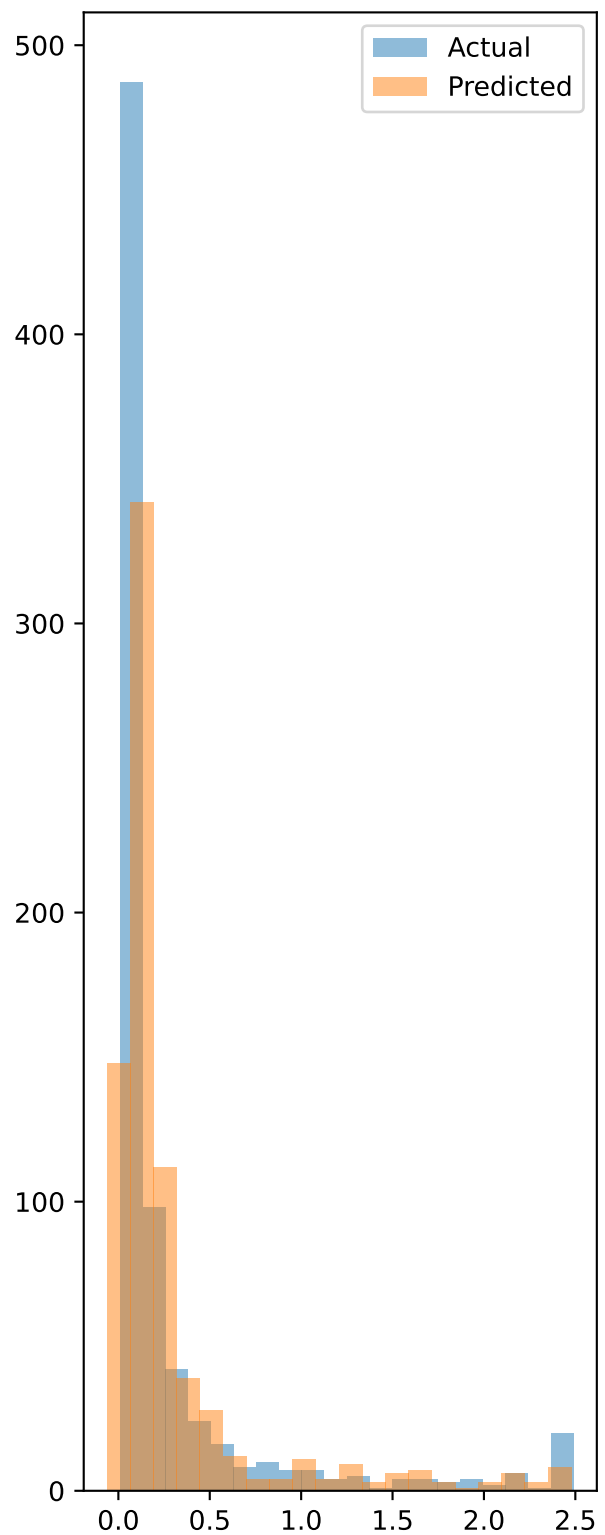
Distribution XGB model for
Creatine Kinase, MB Isoenzyme
Others group
R2 score: 0.82
Wasserstein Distance: 0.94



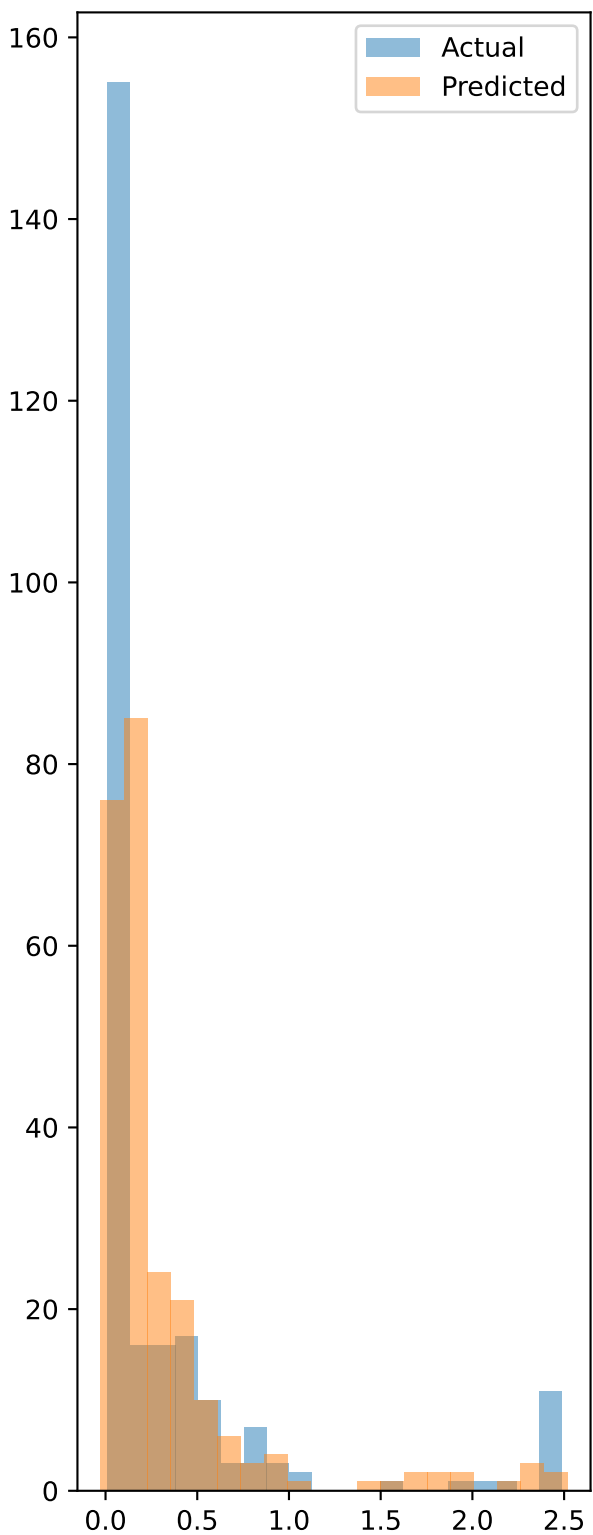
Distribution XGB model for
Troponin T
White group
R2 score: 0.75
Wasserstein Distance: 0.05



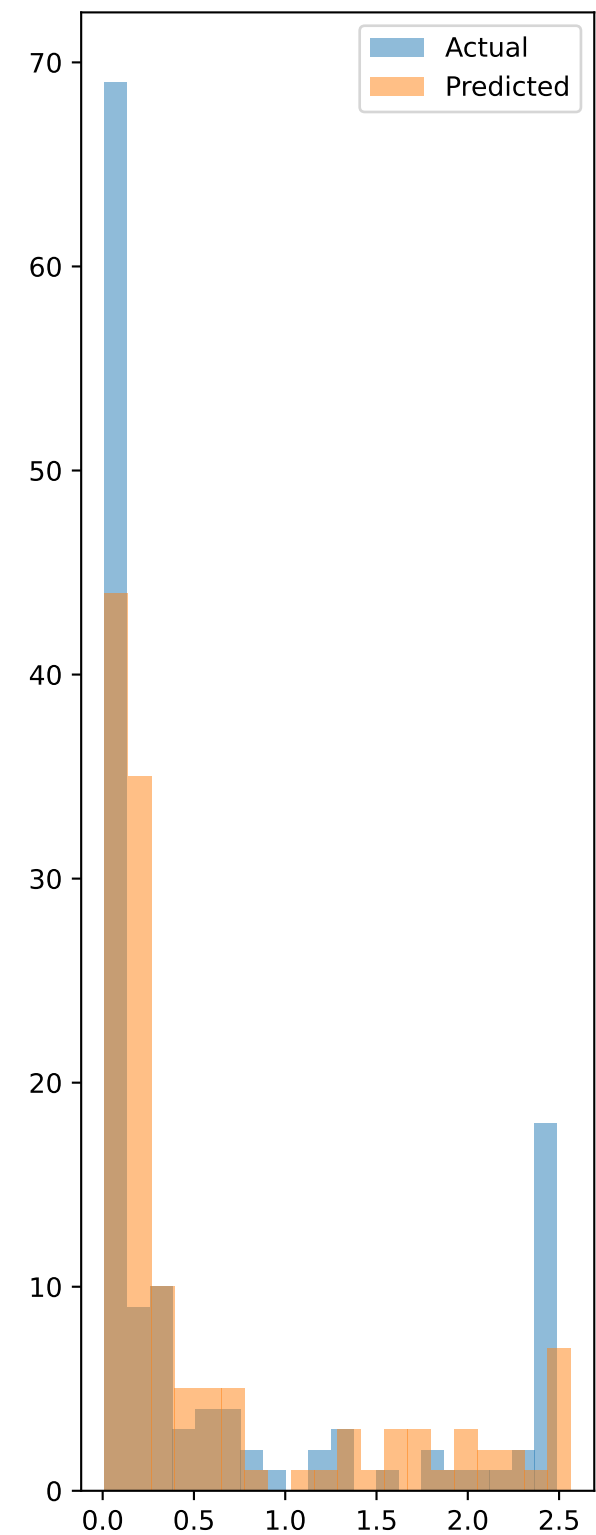
Distribution XGB model for
Troponin T
Black group
R2 score: 0.78
Wasserstein Distance: 0.06



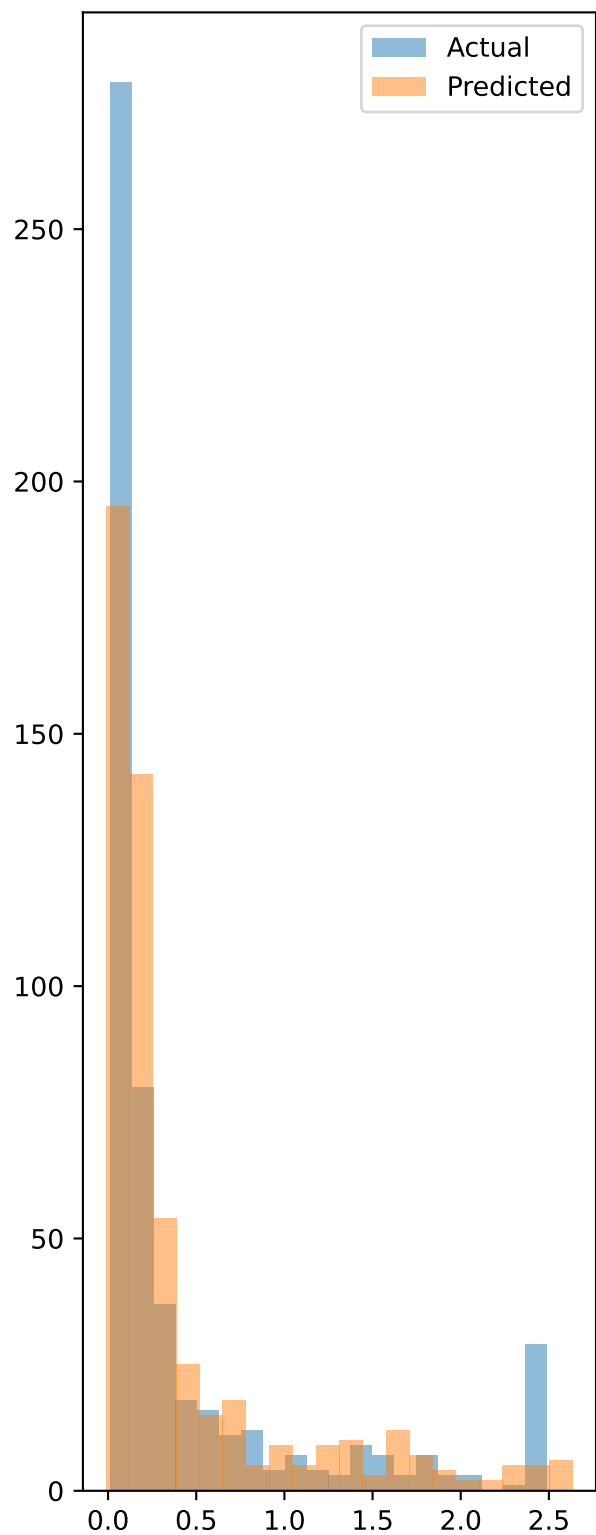
Distribution XGB model for
Troponin T
Hispanic group
R2 score: 0.62
Wasserstein Distance: 0.07

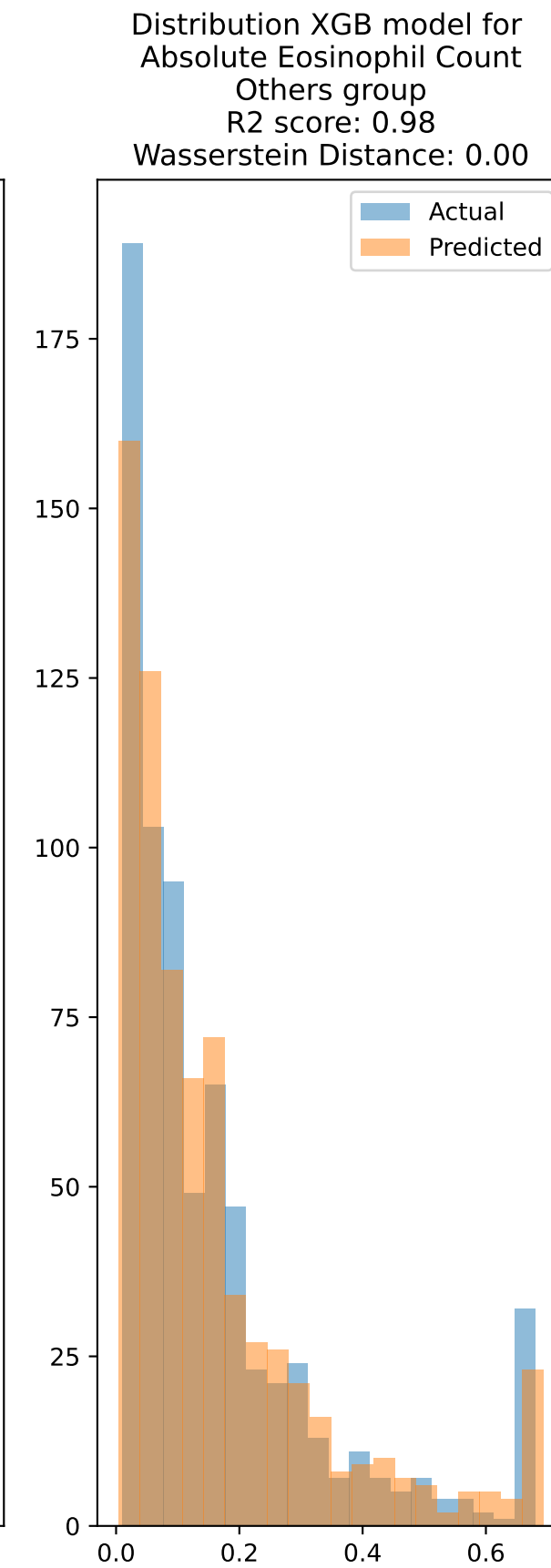
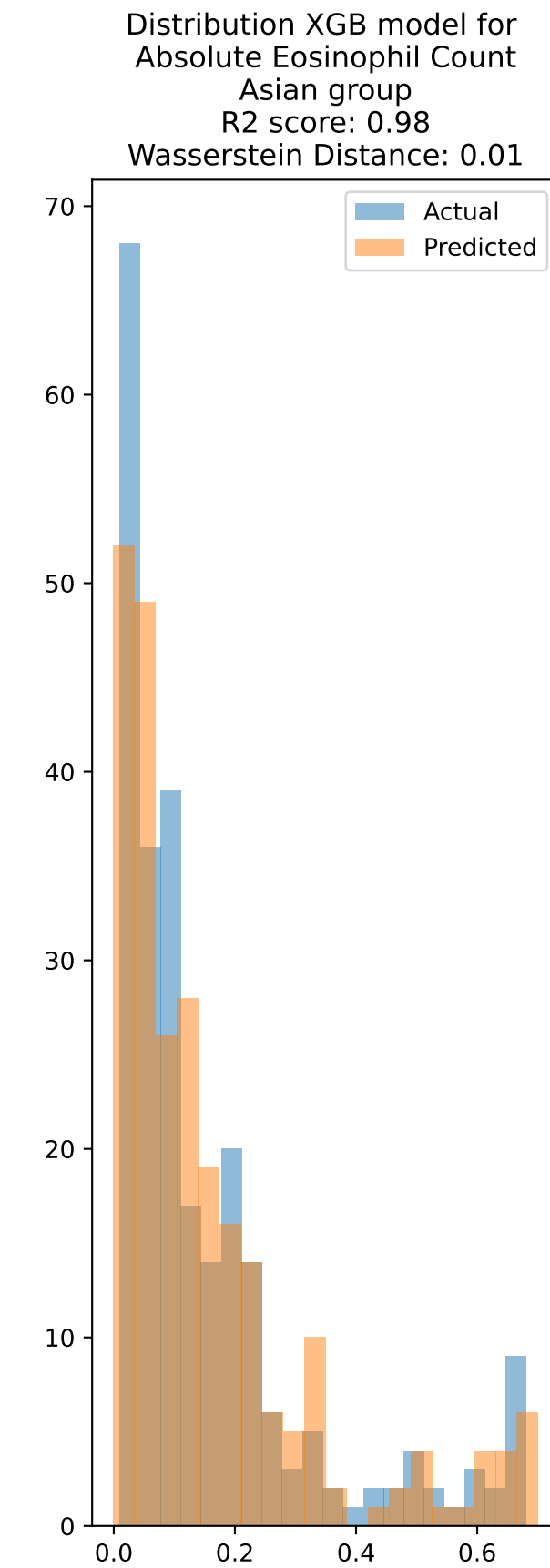
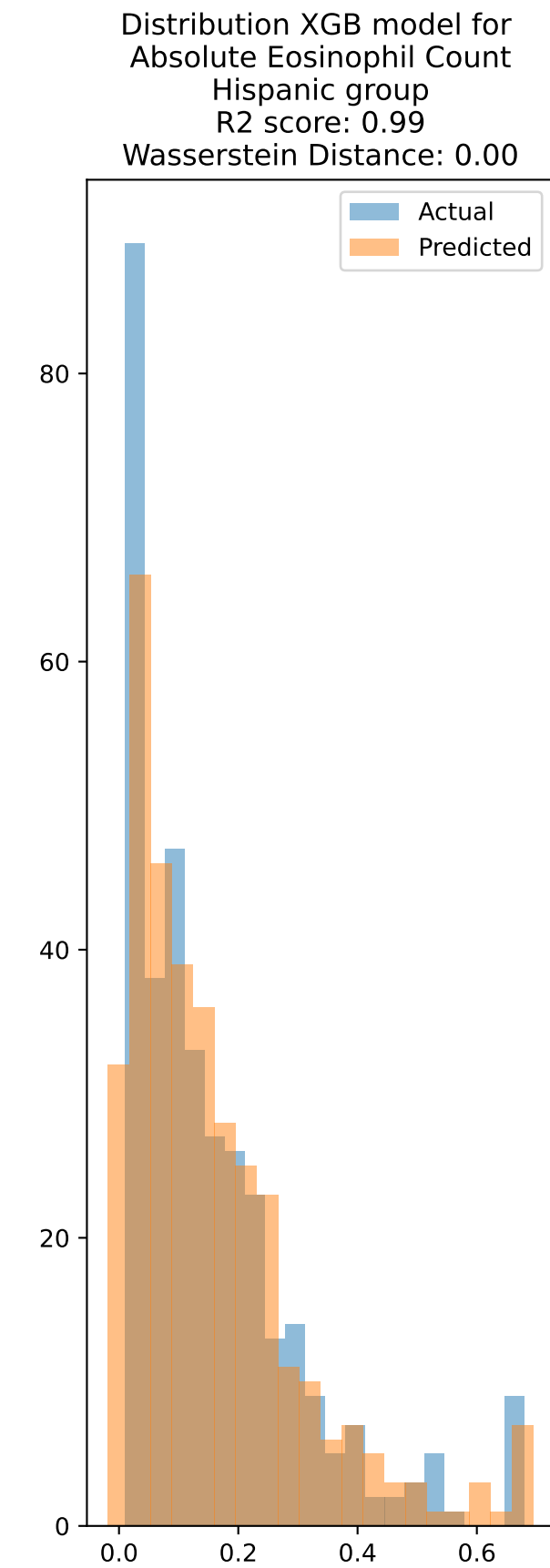
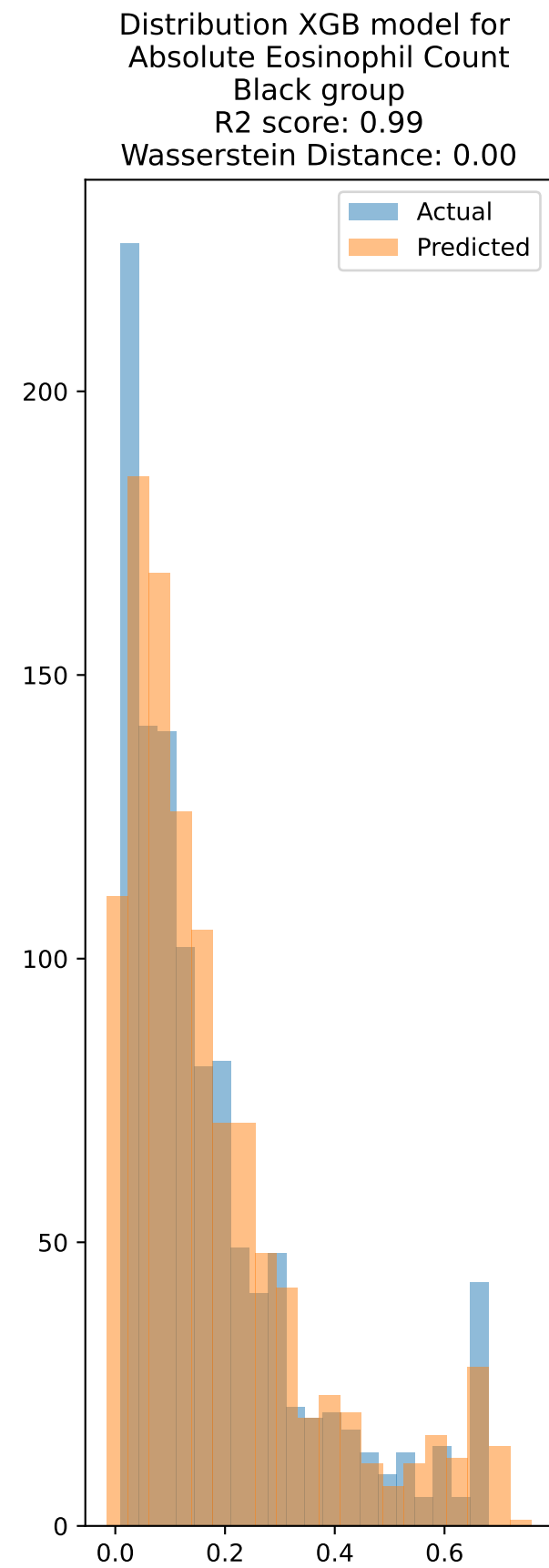
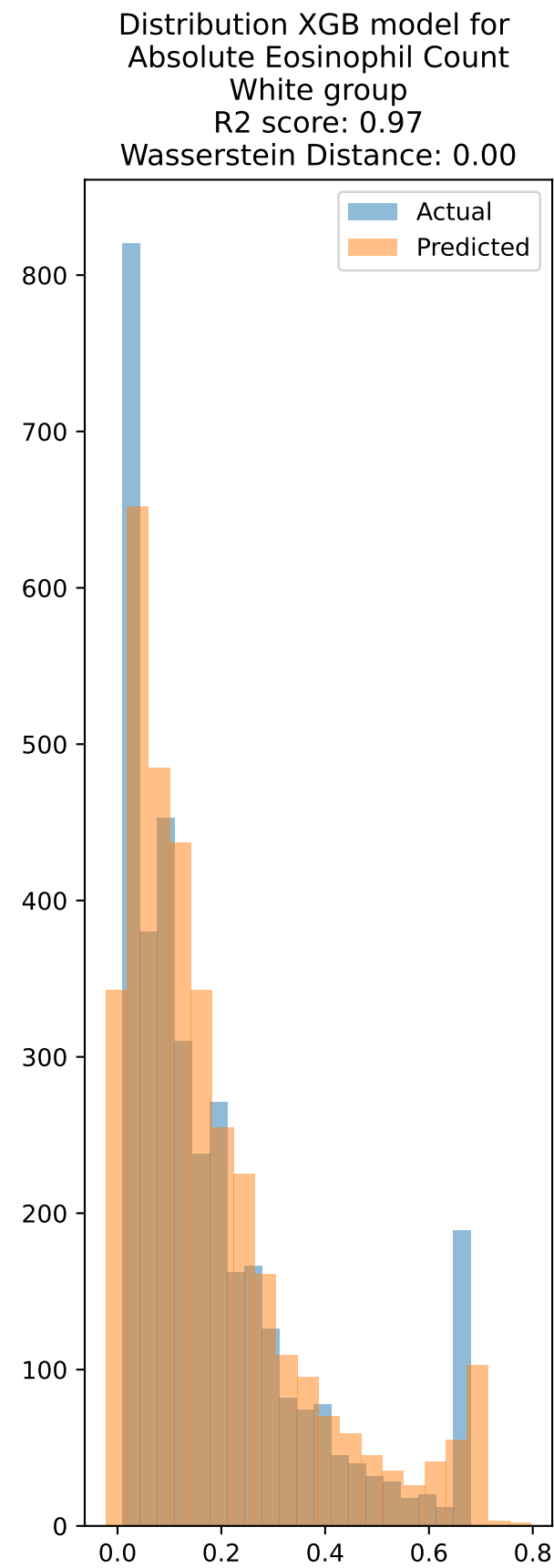


Distribution XGB model for
Troponin T
Asian group
R2 score: 0.83
Wasserstein Distance: 0.12

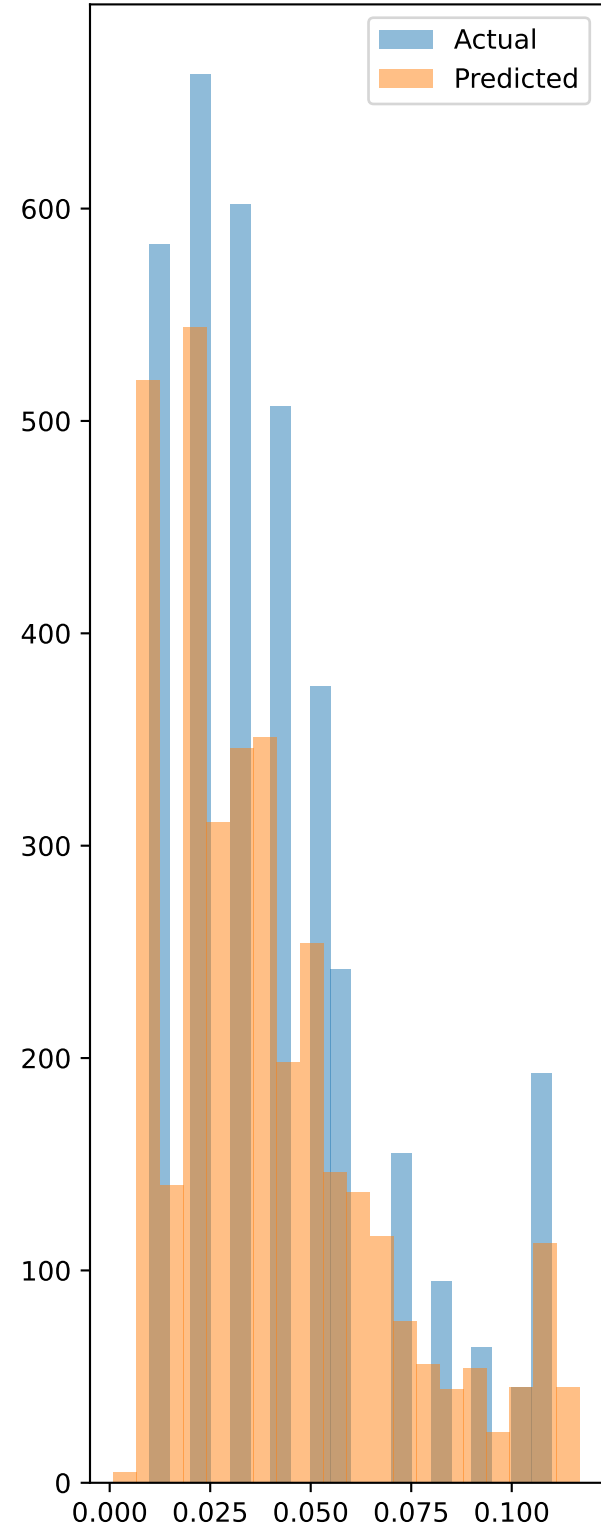


Distribution XGB model for
Troponin T
Others group
R2 score: 0.77
Wasserstein Distance: 0.06

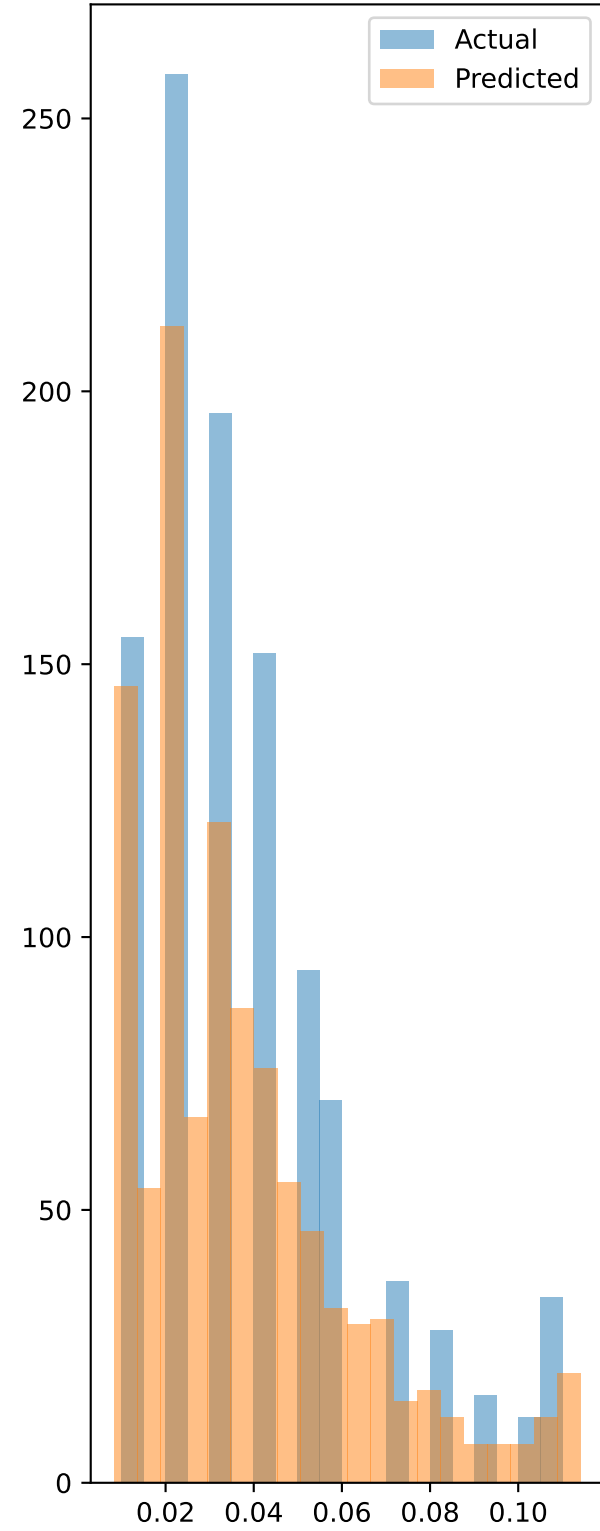




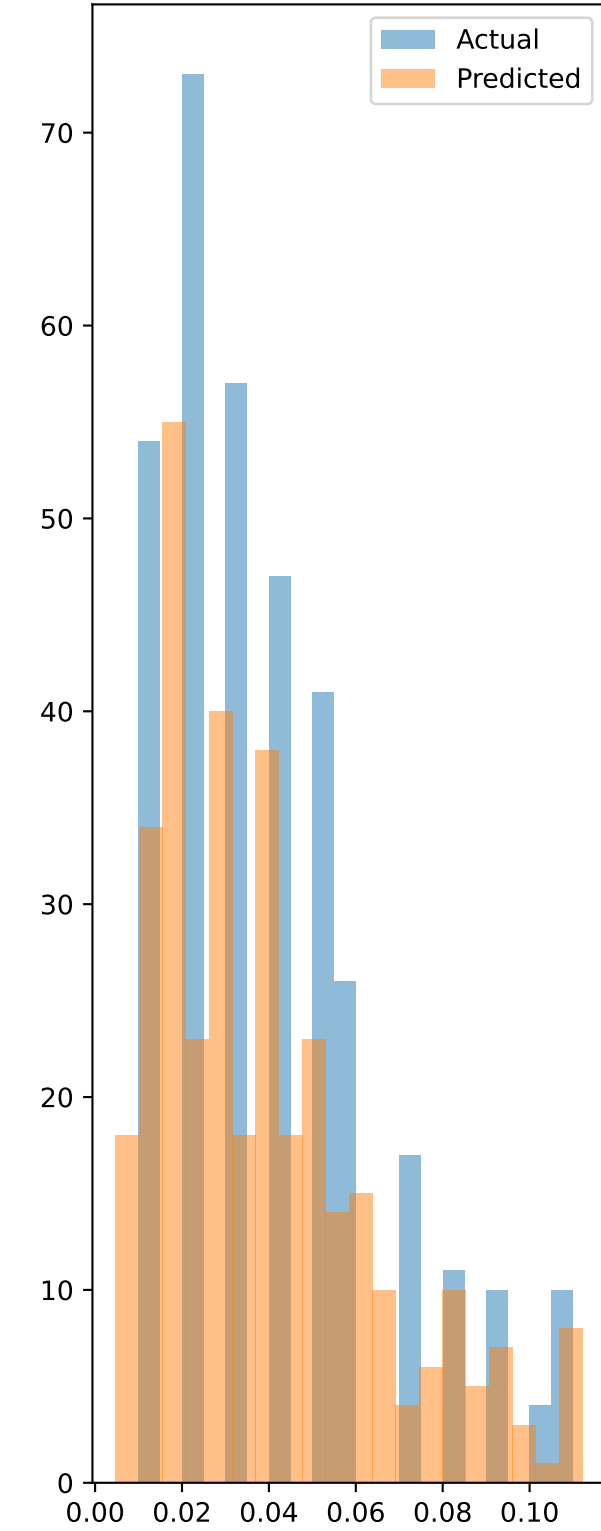
Distribution XGB model for
Absolute Basophil Count
White group
R2 score: 0.98
Wasserstein Distance: 0.00



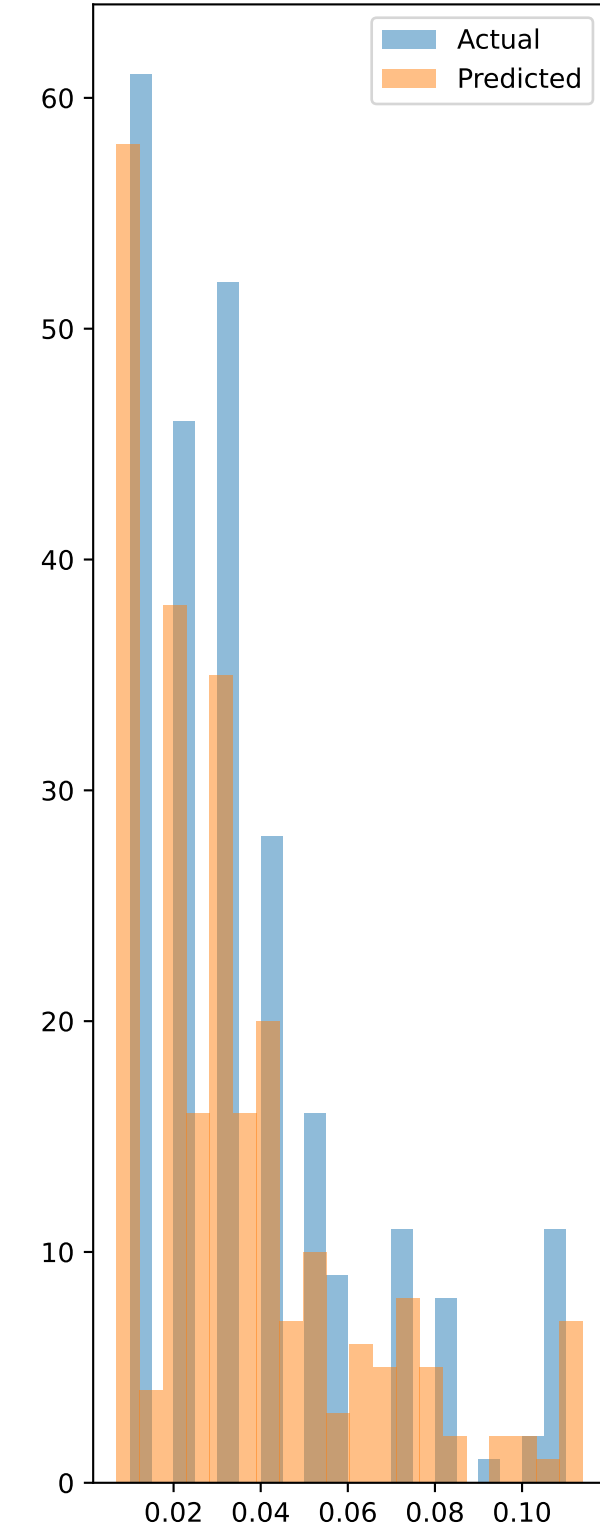
Distribution XGB model for
Absolute Basophil Count
Black group
R2 score: 0.97
Wasserstein Distance: 0.00



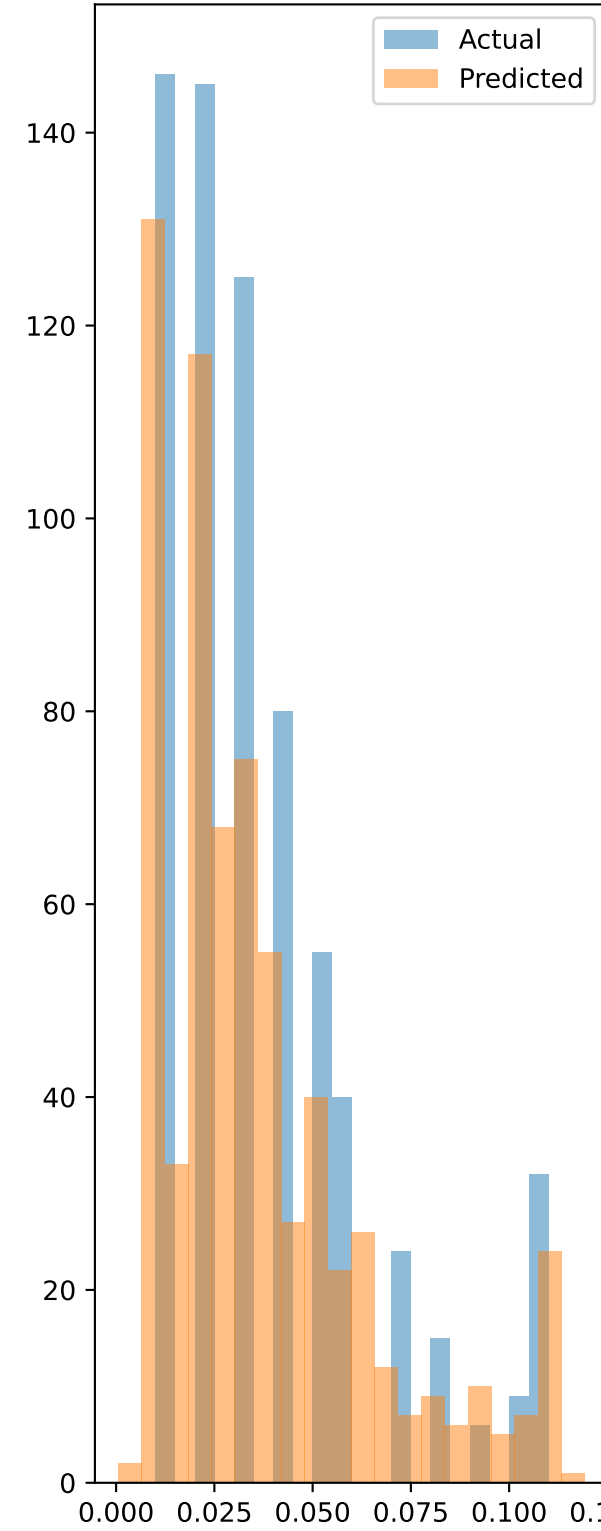
Distribution XGB model for
Absolute Basophil Count
Hispanic group
R2 score: 0.96
Wasserstein Distance: 0.00



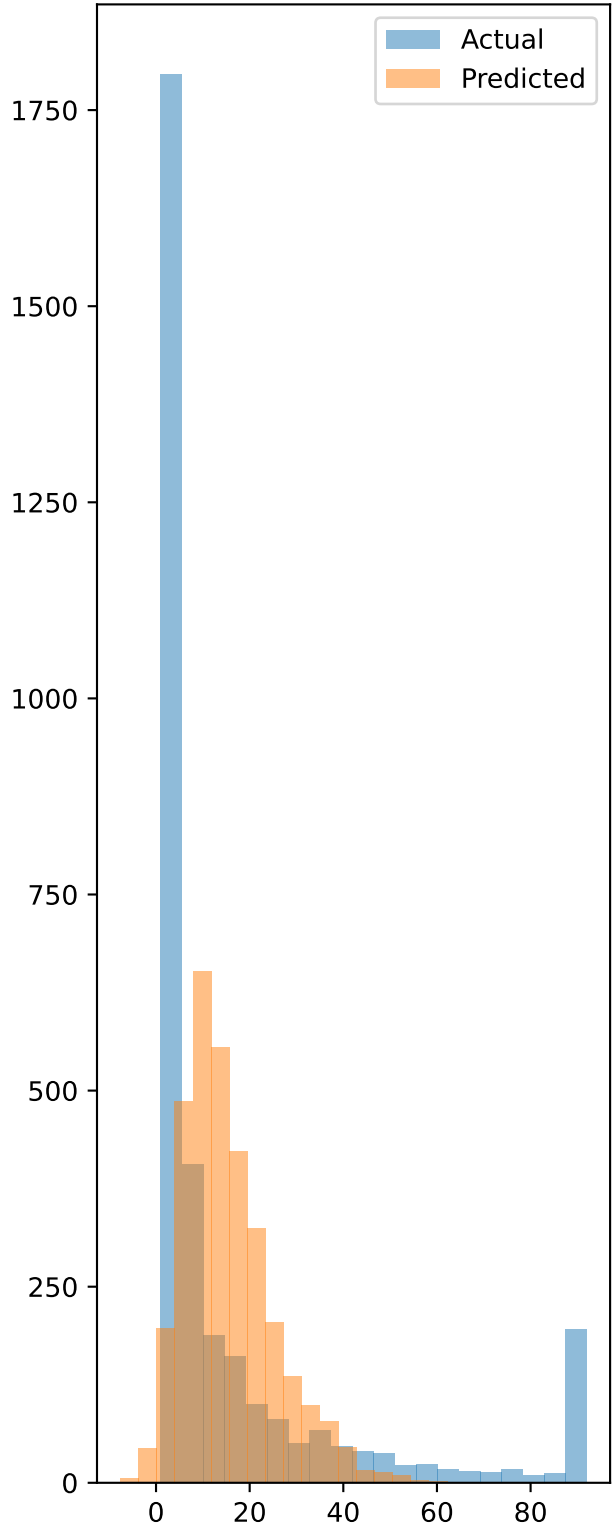
Distribution XGB model for
Absolute Basophil Count
Asian group
R2 score: 0.95
Wasserstein Distance: 0.00



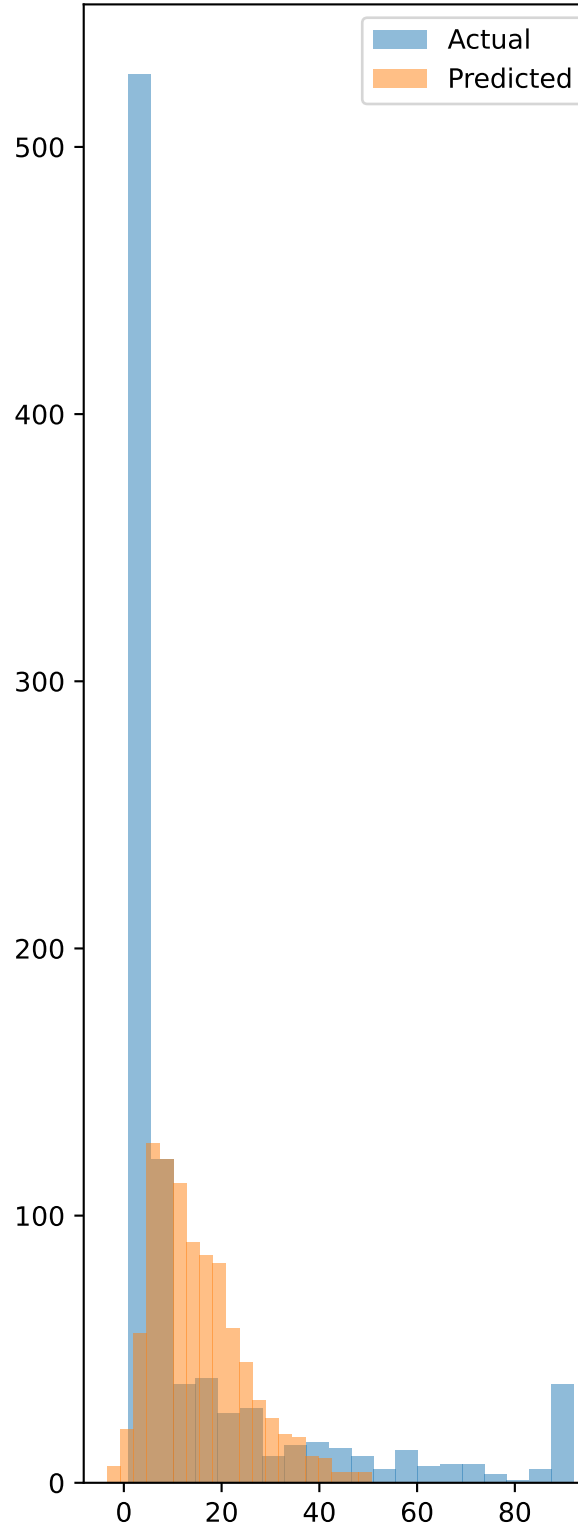
Distribution XGB model for
Absolute Basophil Count
Others group
R2 score: 0.98
Wasserstein Distance: 0.00



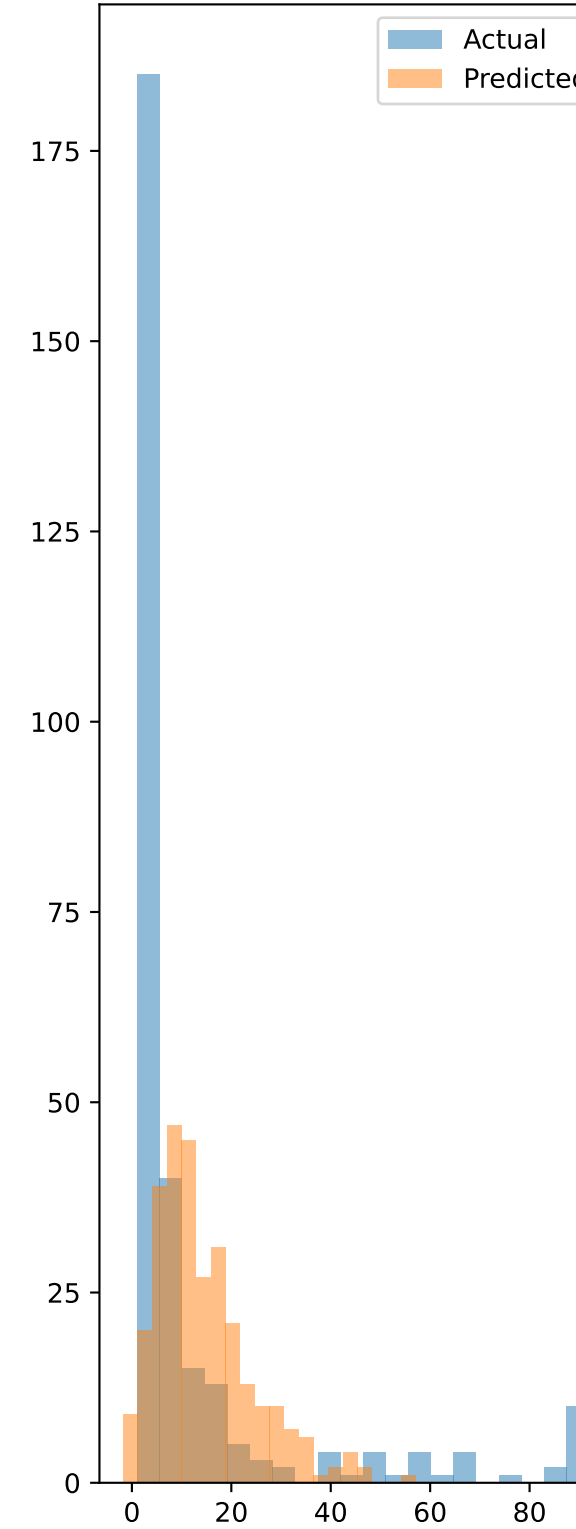
Distribution XGB model for
WBC
White group
R2 score: 0.19
Wasserstein Distance: 10.47



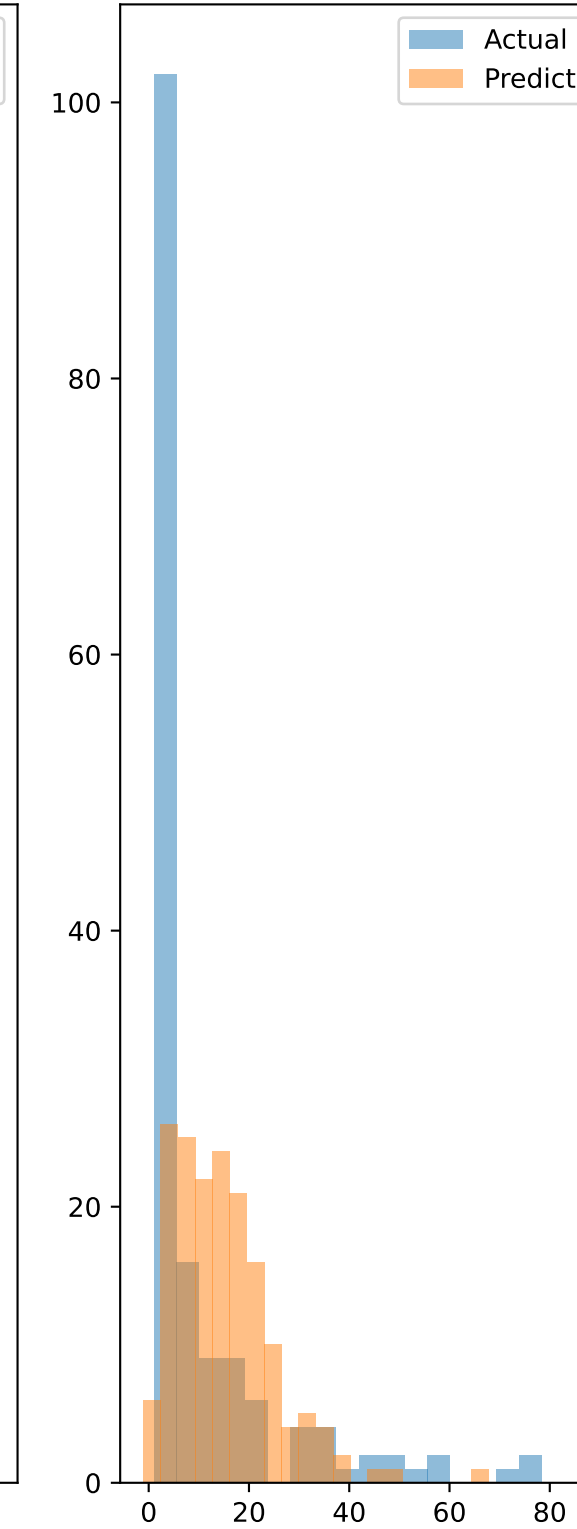
Distribution XGB model for
WBC
Black group
R2 score: 0.15
Wasserstein Distance: 10.05



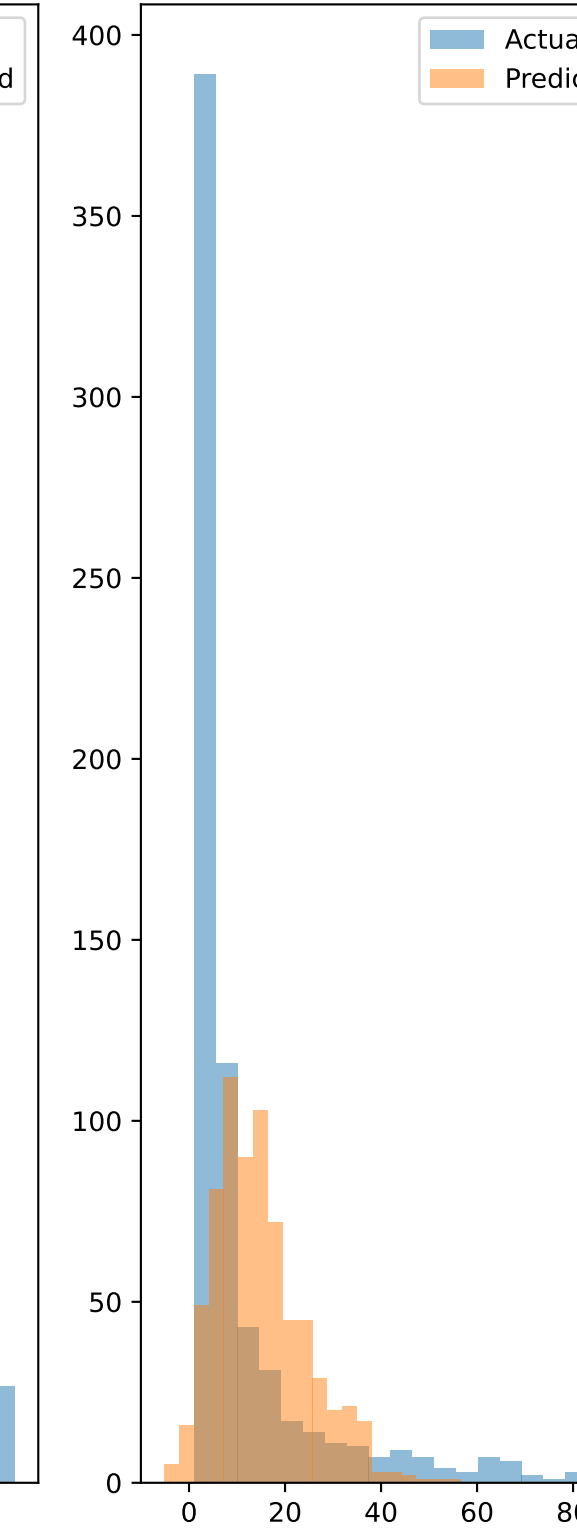
Distribution XGB model for
WBC
Hispanic group
R2 score: 0.27
Wasserstein Distance: 9.52

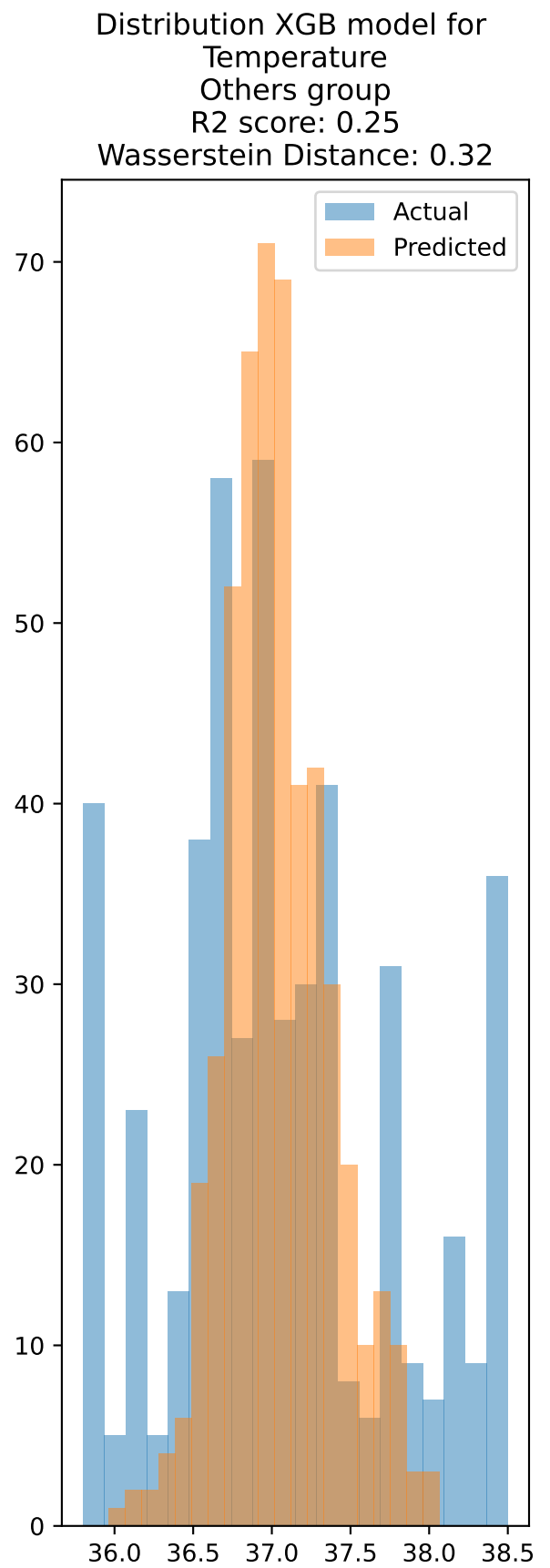
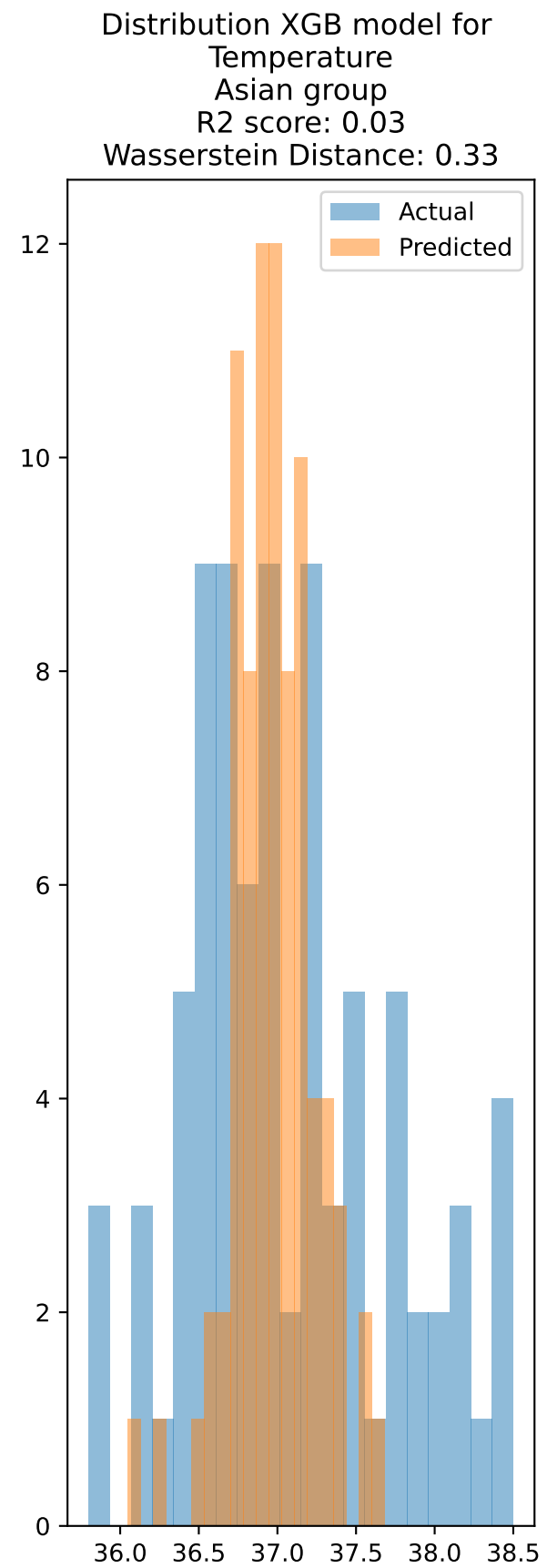
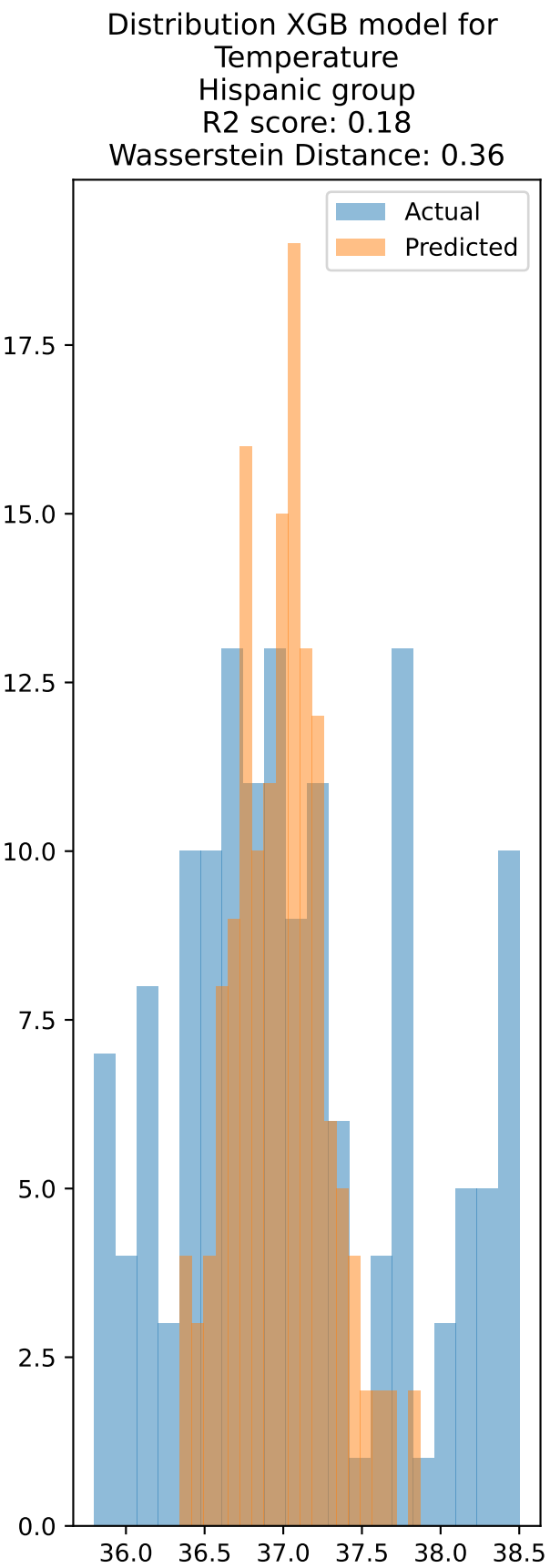
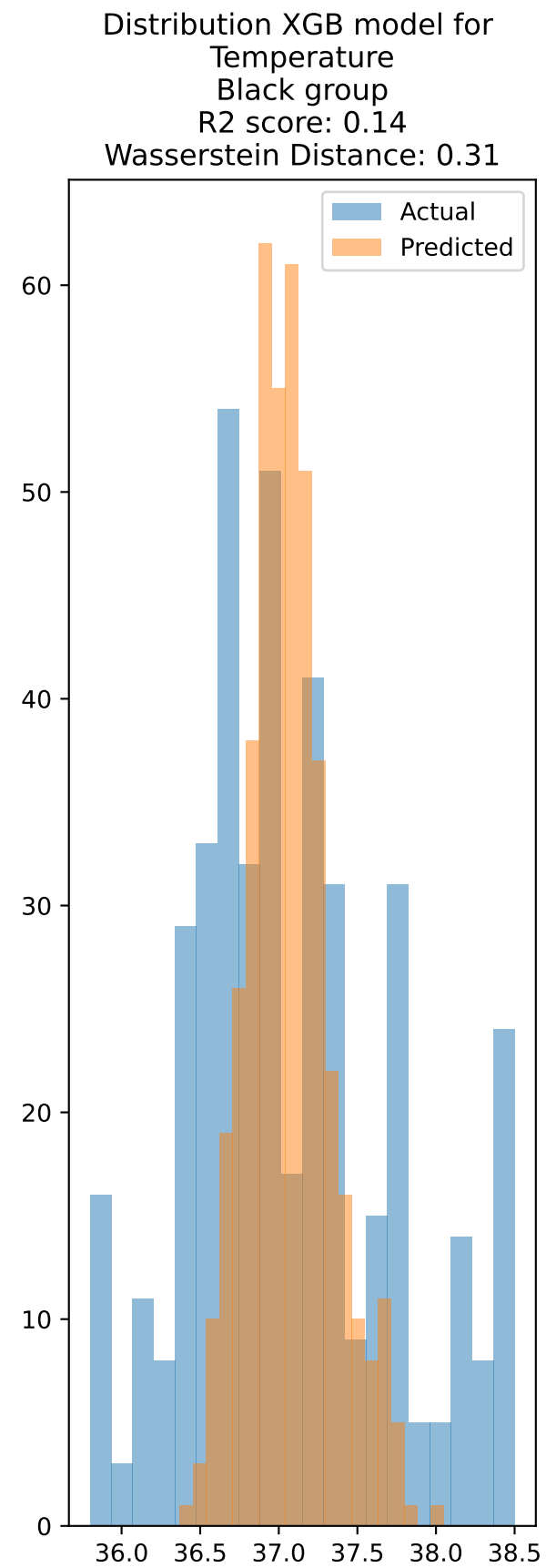
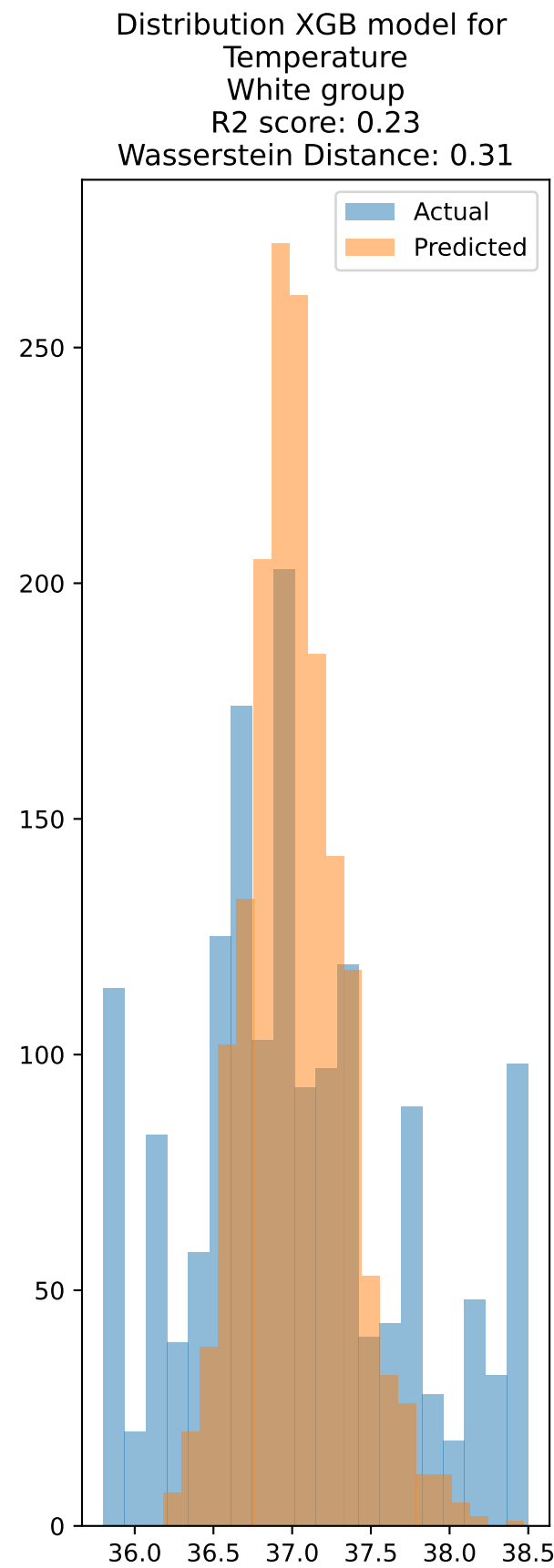


Distribution XGB model for
WBC
Asian group
R2 score: 0.18
Wasserstein Distance: 9.59

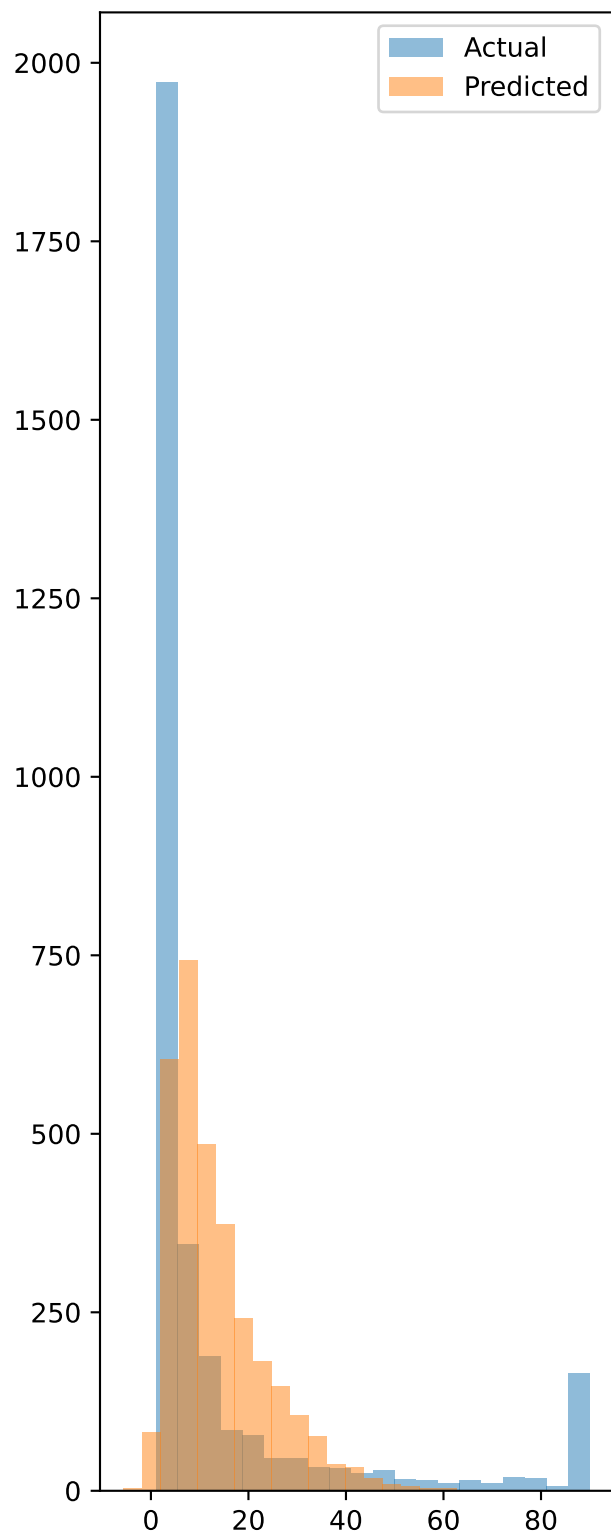


Distribution XGB model for
WBC
Others group
R2 score: 0.19
Wasserstein Distance: 9.84

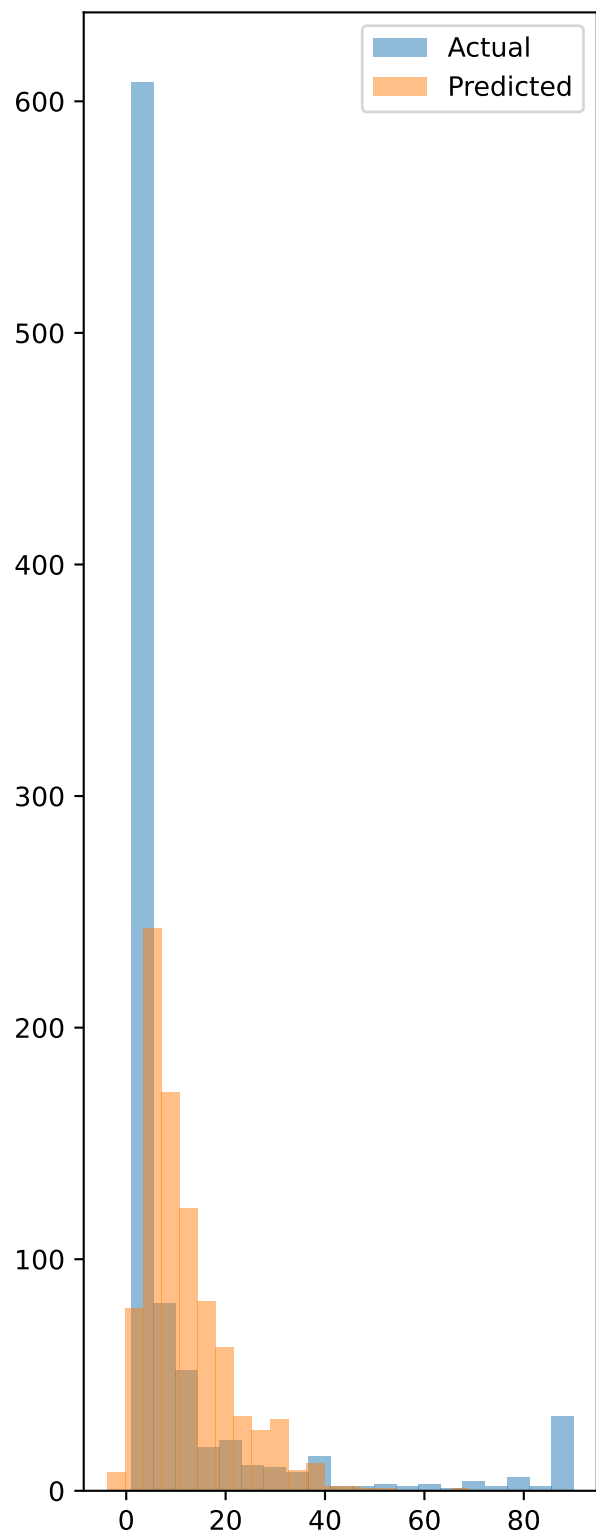




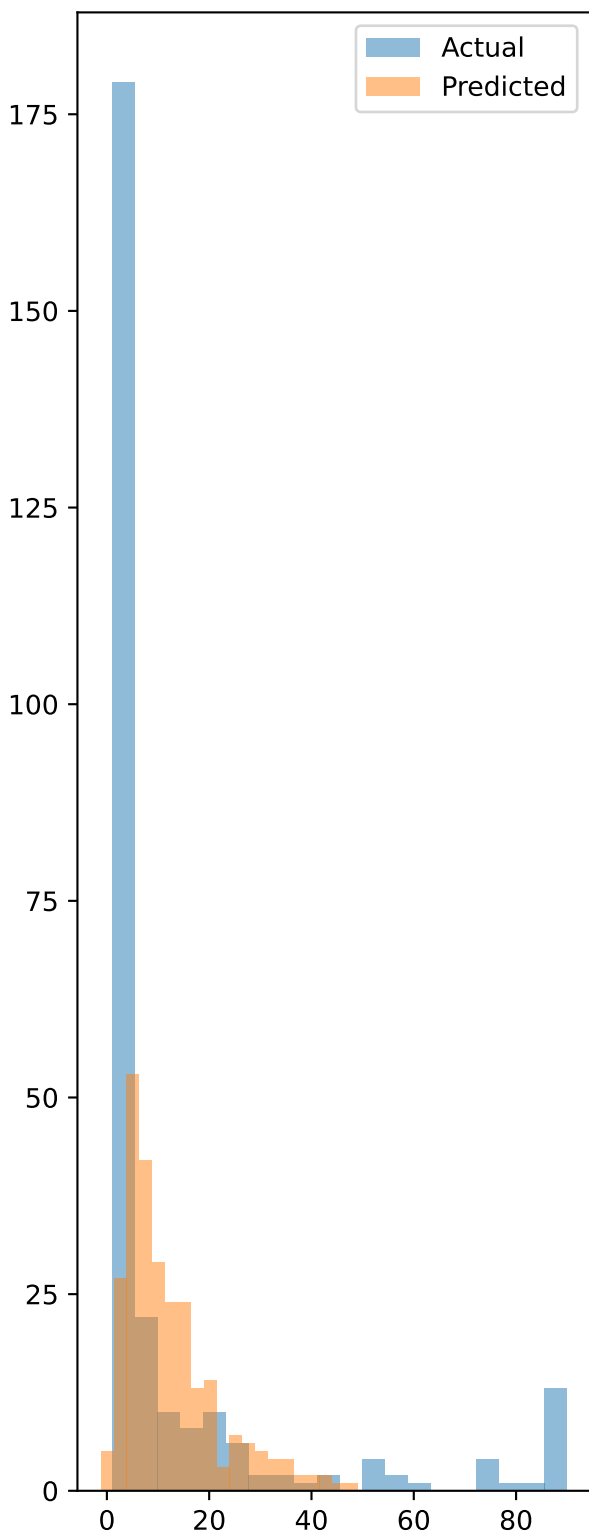
Distribution XGB model for
RBC
White group
R2 score: 0.19
Wasserstein Distance: 9.19



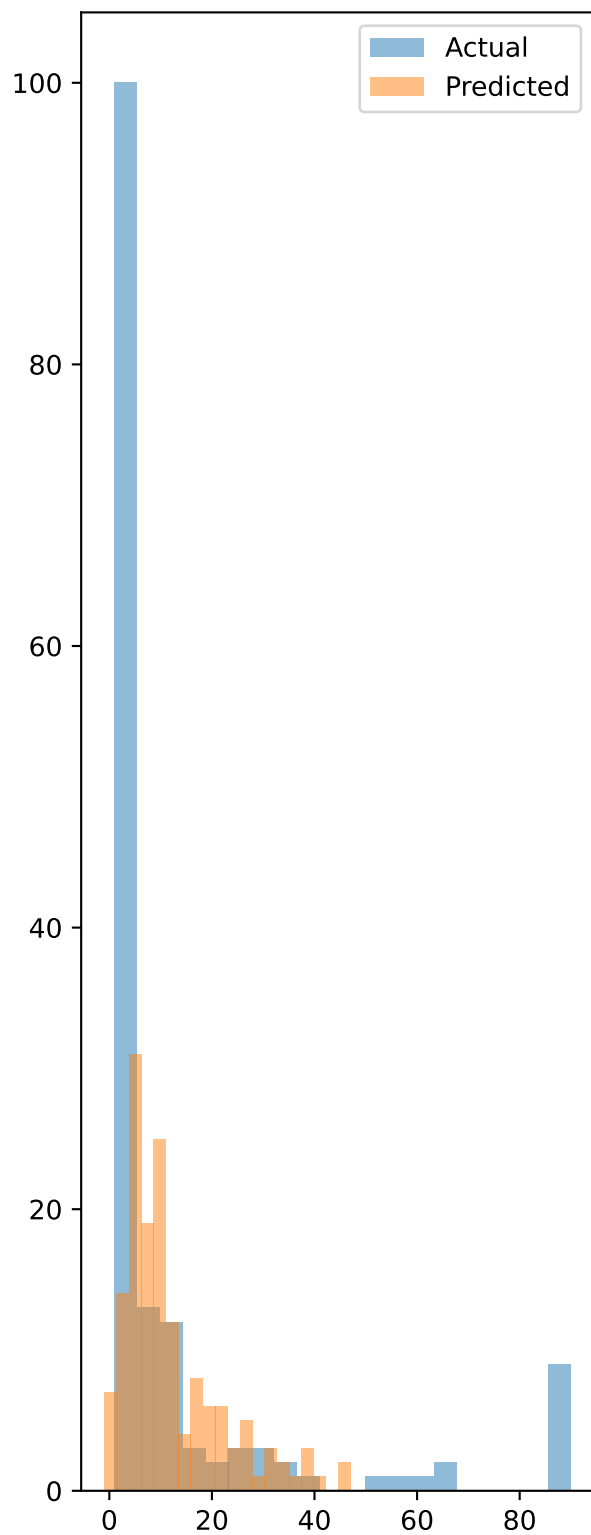
Distribution XGB model for
RBC
Black group
R2 score: 0.14
Wasserstein Distance: 8.01



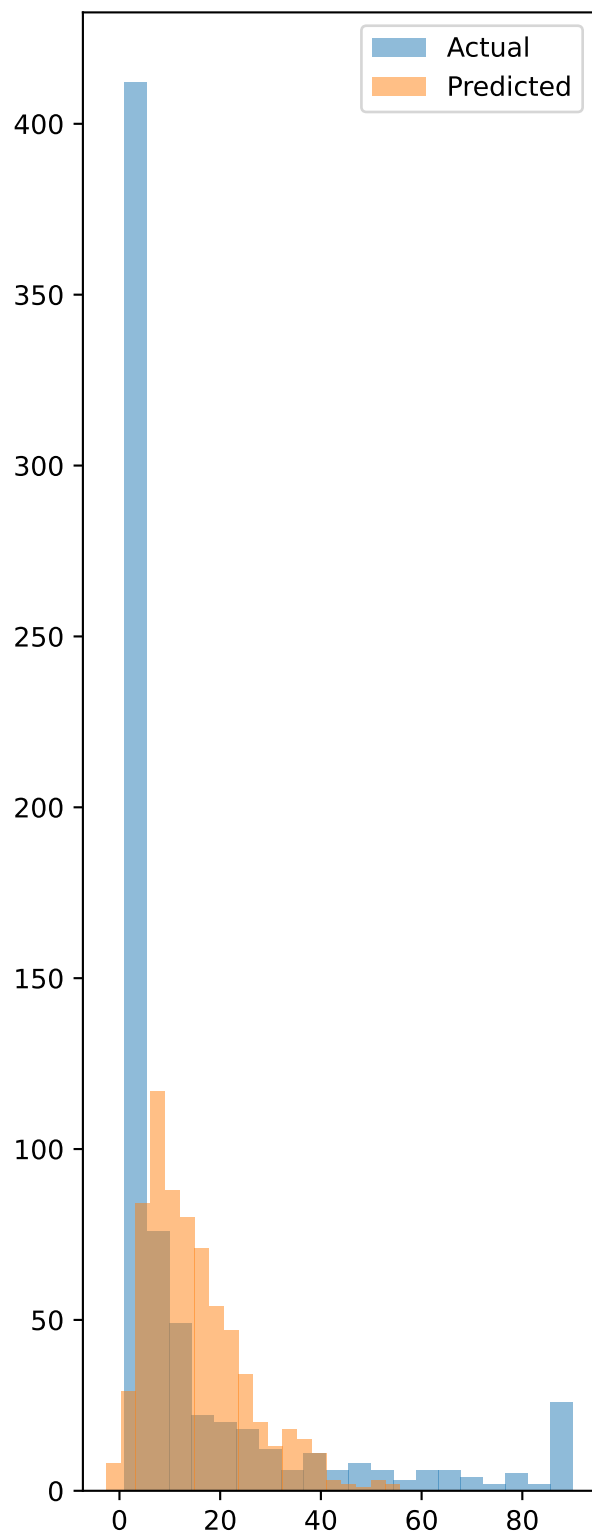
Distribution XGB model for
RBC
Hispanic group
R2 score: 0.25
Wasserstein Distance: 8.80



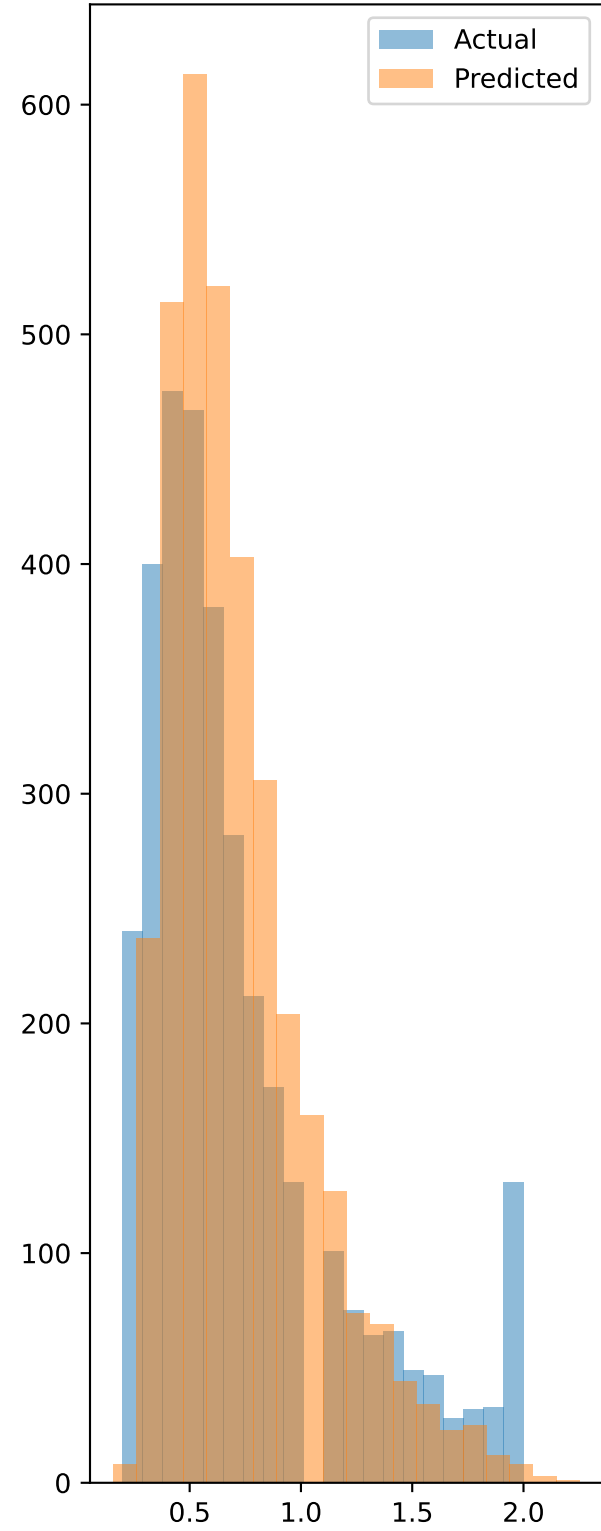
Distribution XGB model for
RBC
Asian group
R2 score: 0.26
Wasserstein Distance: 8.10



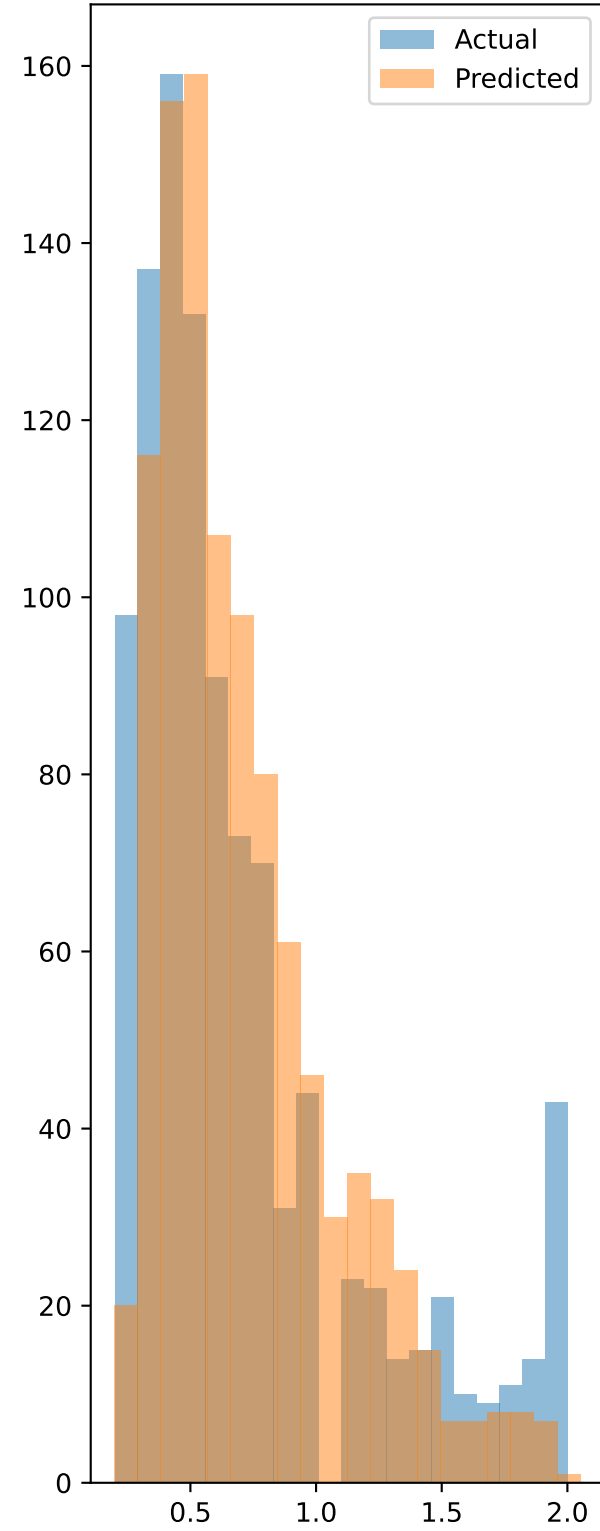
Distribution XGB model for
RBC
Others group
R2 score: 0.18
Wasserstein Distance: 9.30



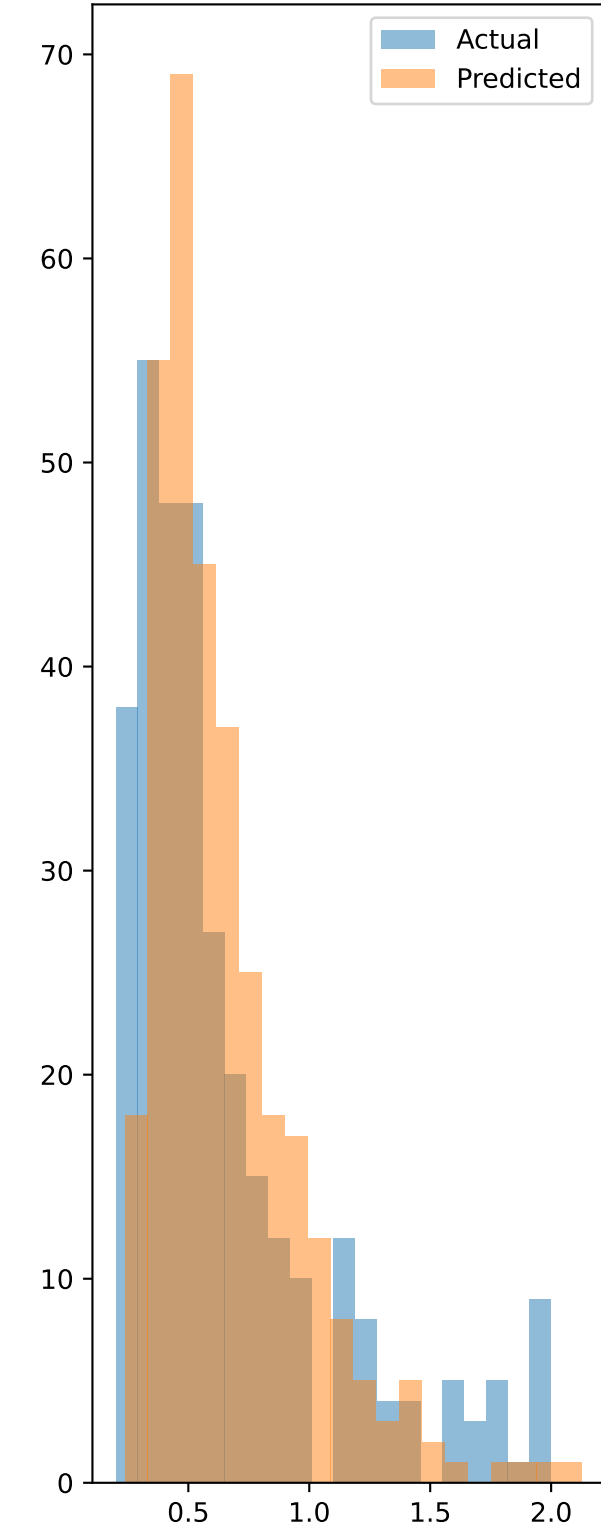
Distribution XGB model for
Immature Granulocytes
White group
R2 score: 0.49
Wasserstein Distance: 0.11



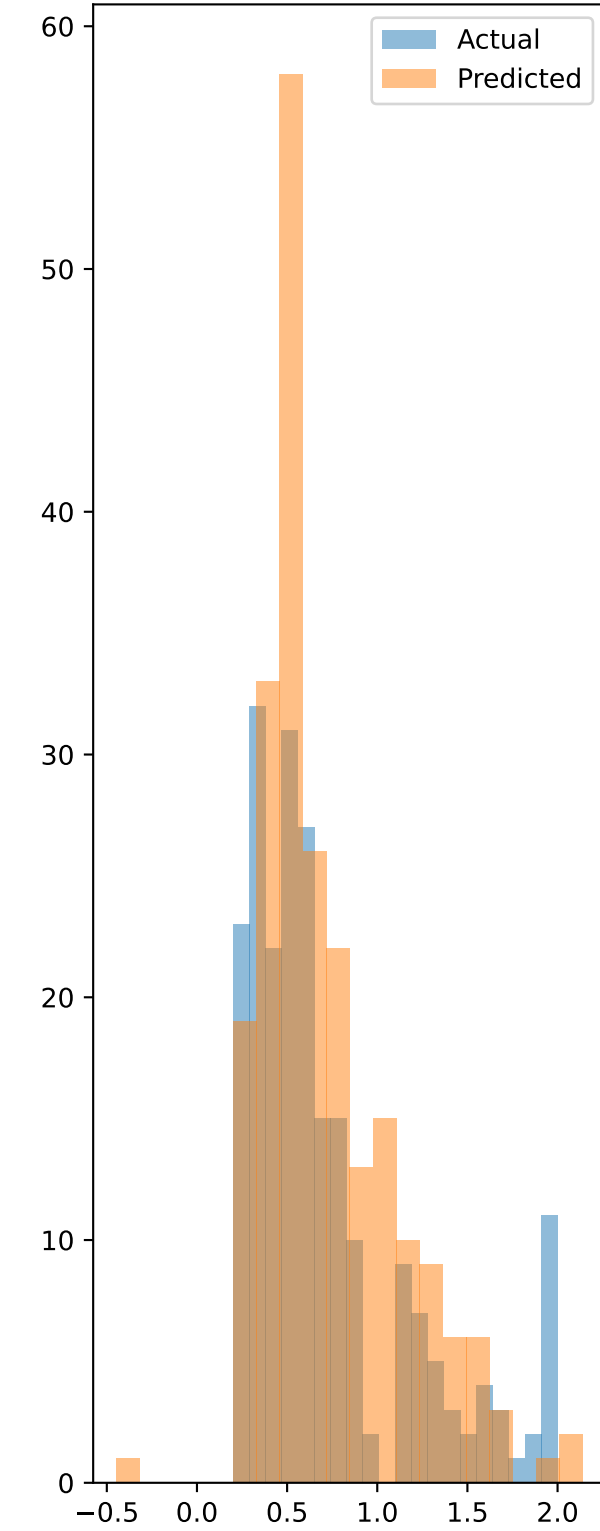
Distribution XGB model for
Immature Granulocytes
Black group
R2 score: 0.61
Wasserstein Distance: 0.11



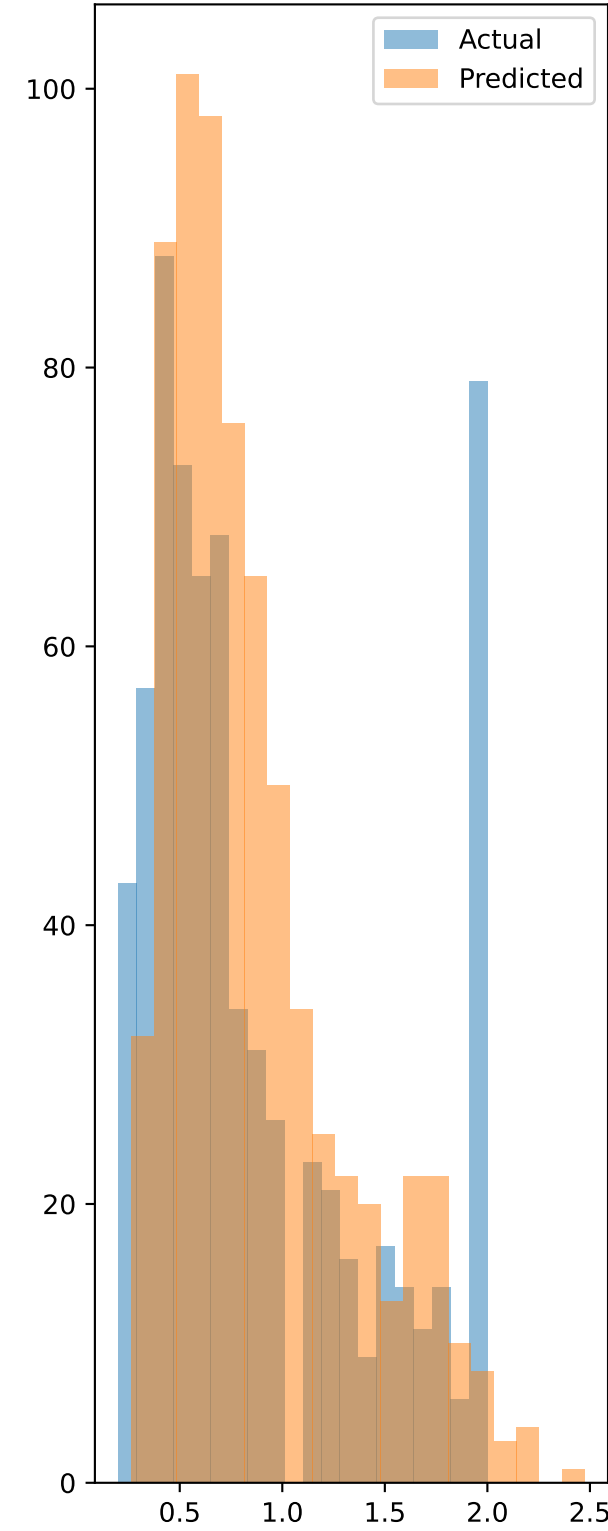
Distribution XGB model for
Immature Granulocytes
Hispanic group
R2 score: 0.50
Wasserstein Distance: 0.11



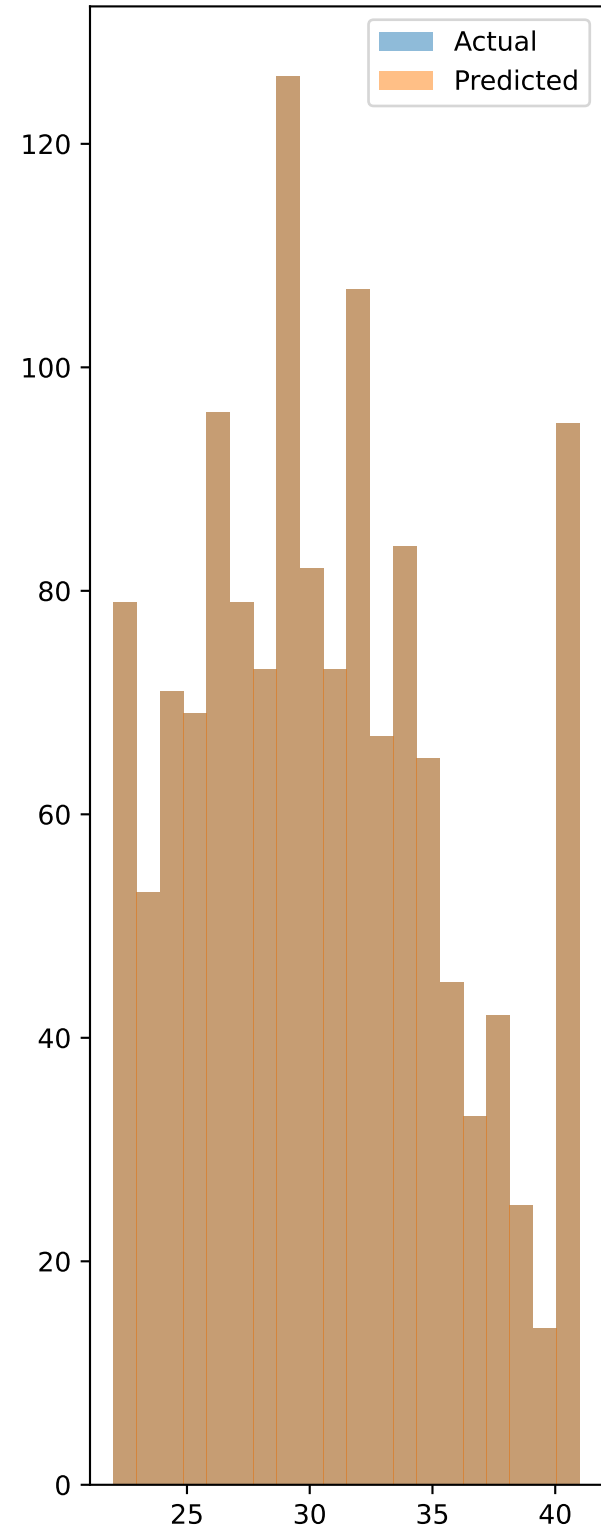
Distribution XGB model for
Immature Granulocytes
Asian group
R2 score: 0.56
Wasserstein Distance: 0.09



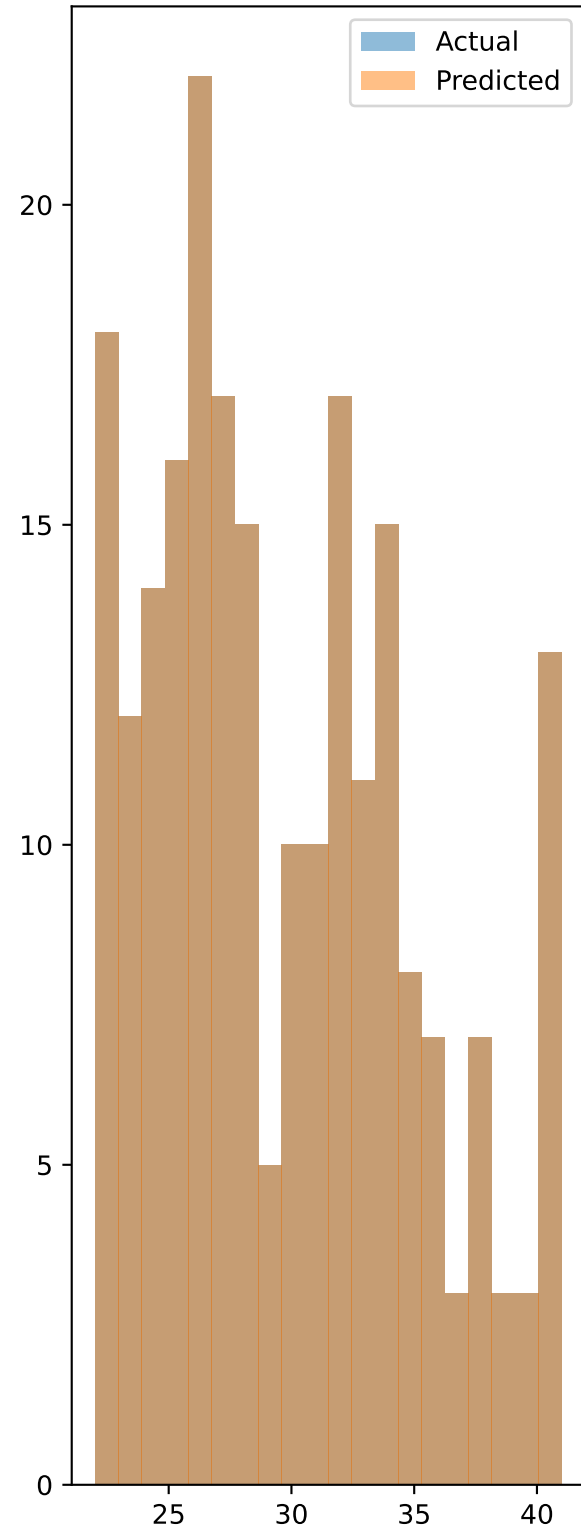
Distribution XGB model for
Immature Granulocytes
Others group
R2 score: 0.66
Wasserstein Distance: 0.13



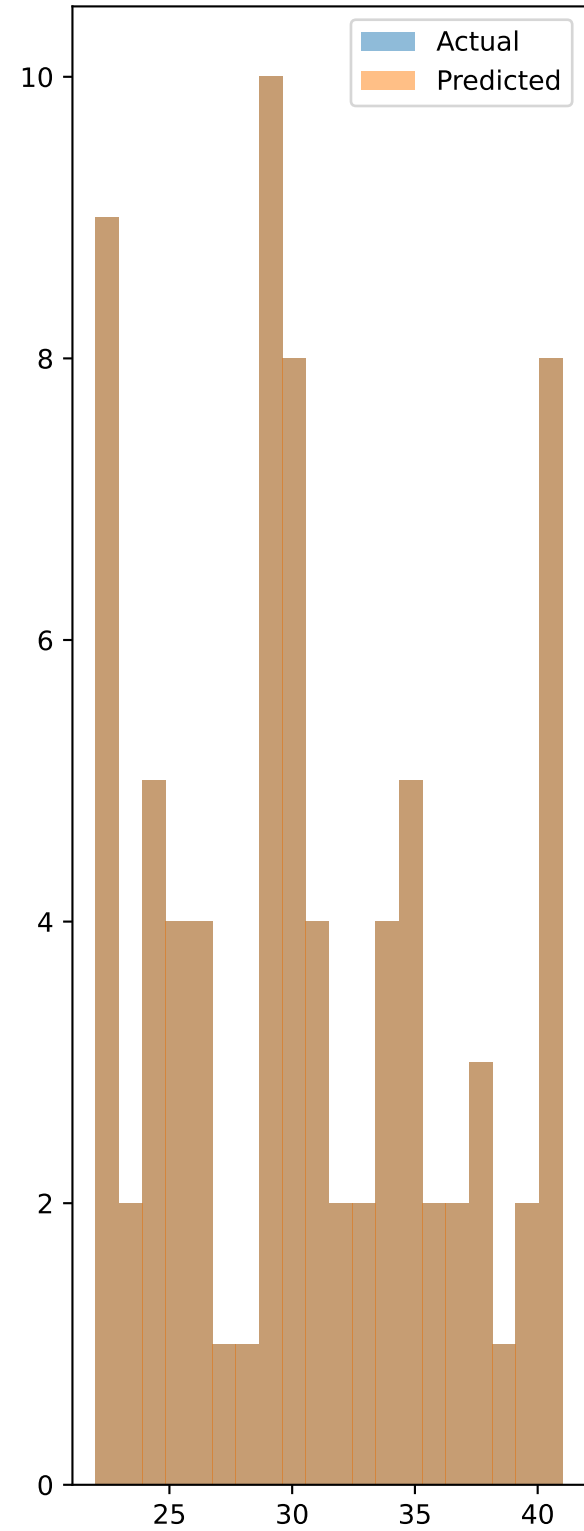
Distribution XGB model for
Hematocrit, Calculated
White group
R2 score: 1.00
Wasserstein Distance: 0.00



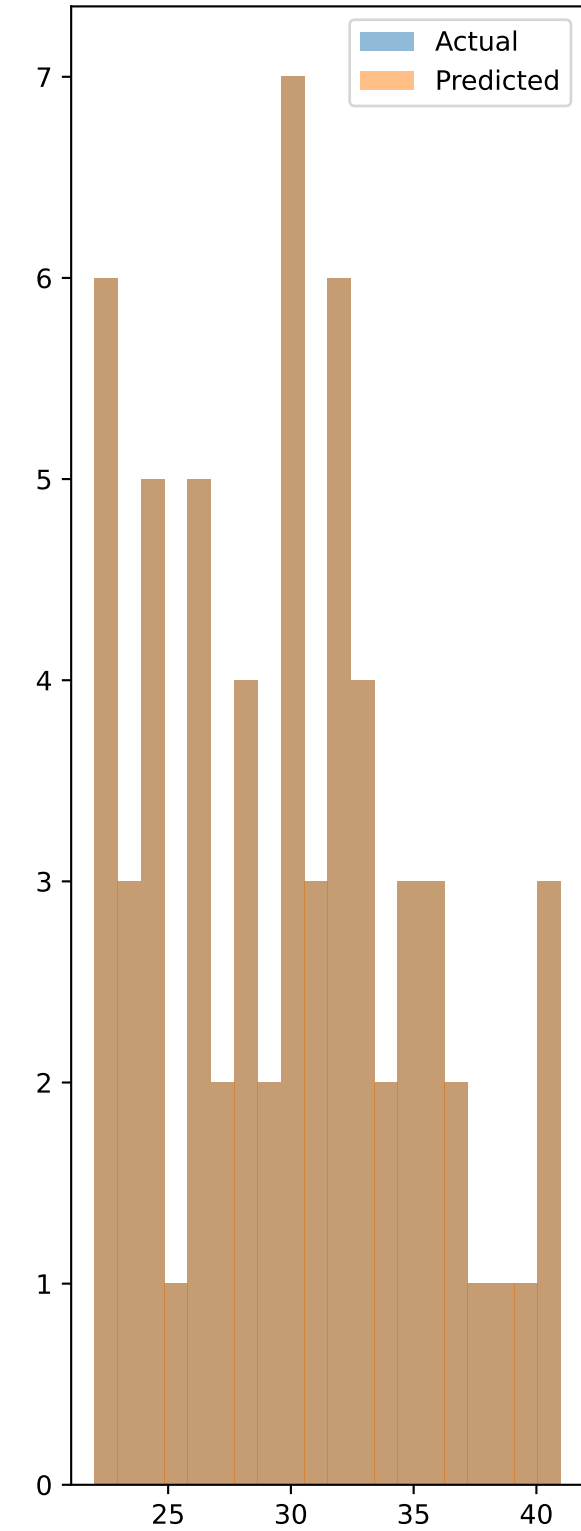
Distribution XGB model for
Hematocrit, Calculated
Black group
R2 score: 1.00
Wasserstein Distance: 0.00



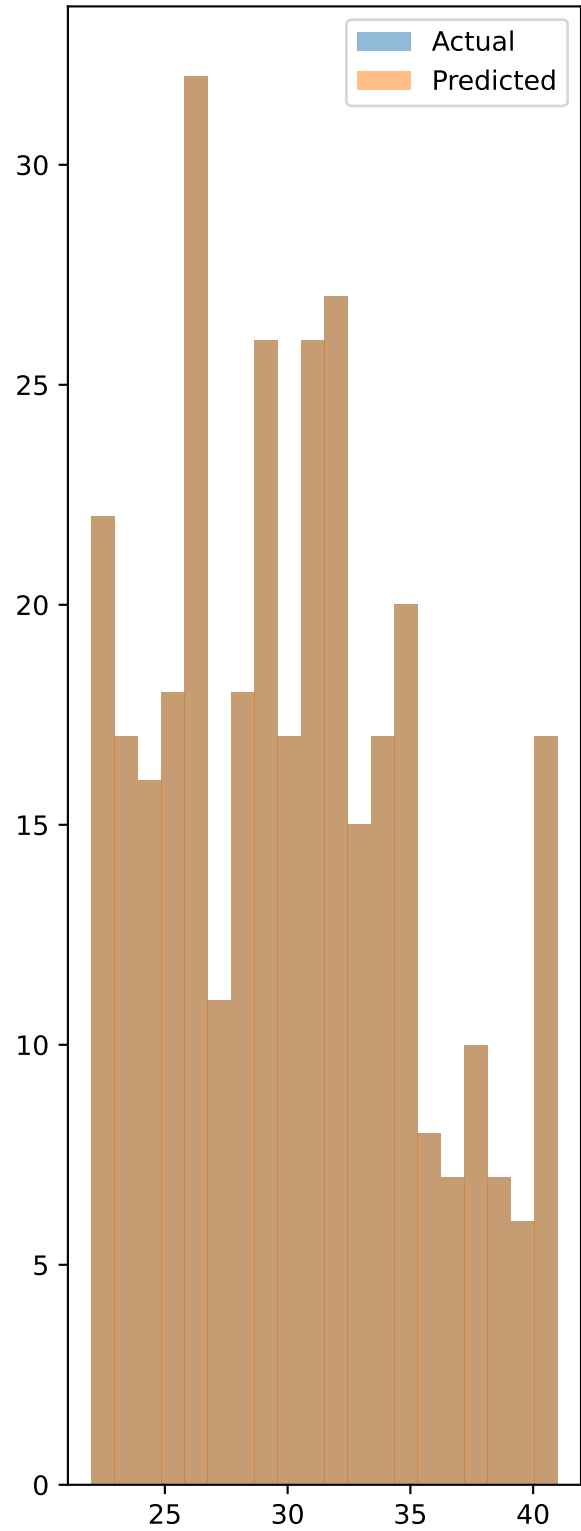
Distribution XGB model for
Hematocrit, Calculated
Hispanic group
R2 score: 1.00
Wasserstein Distance: 0.00

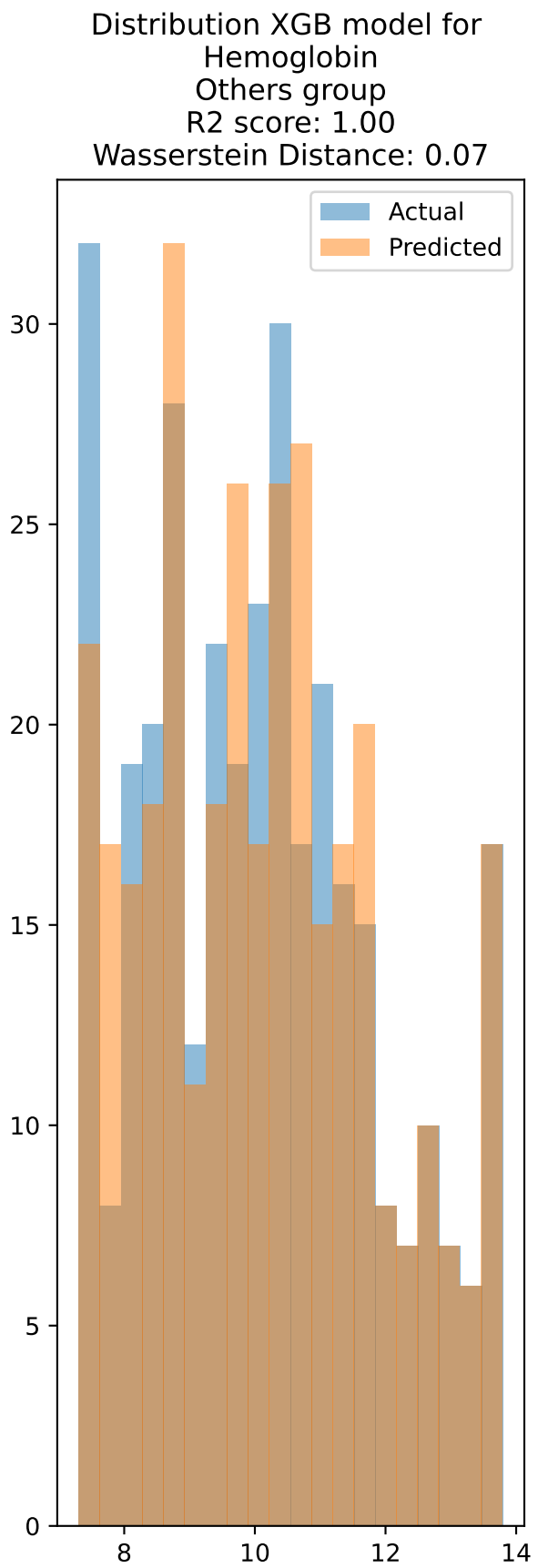
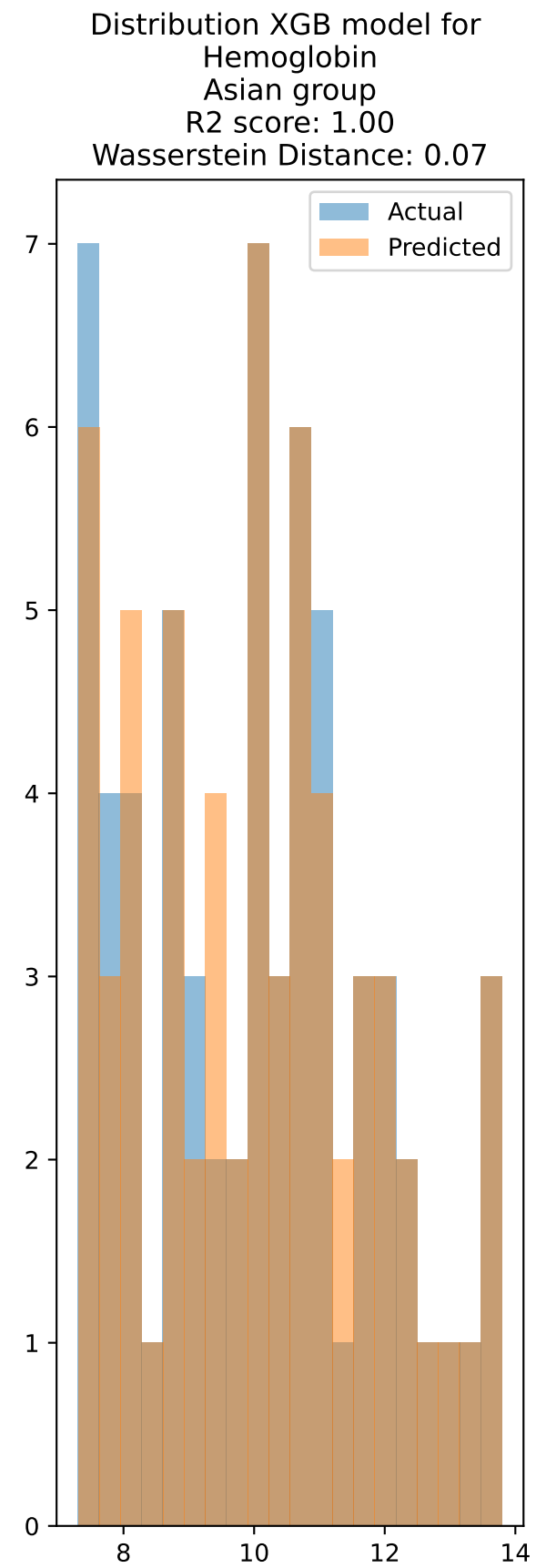
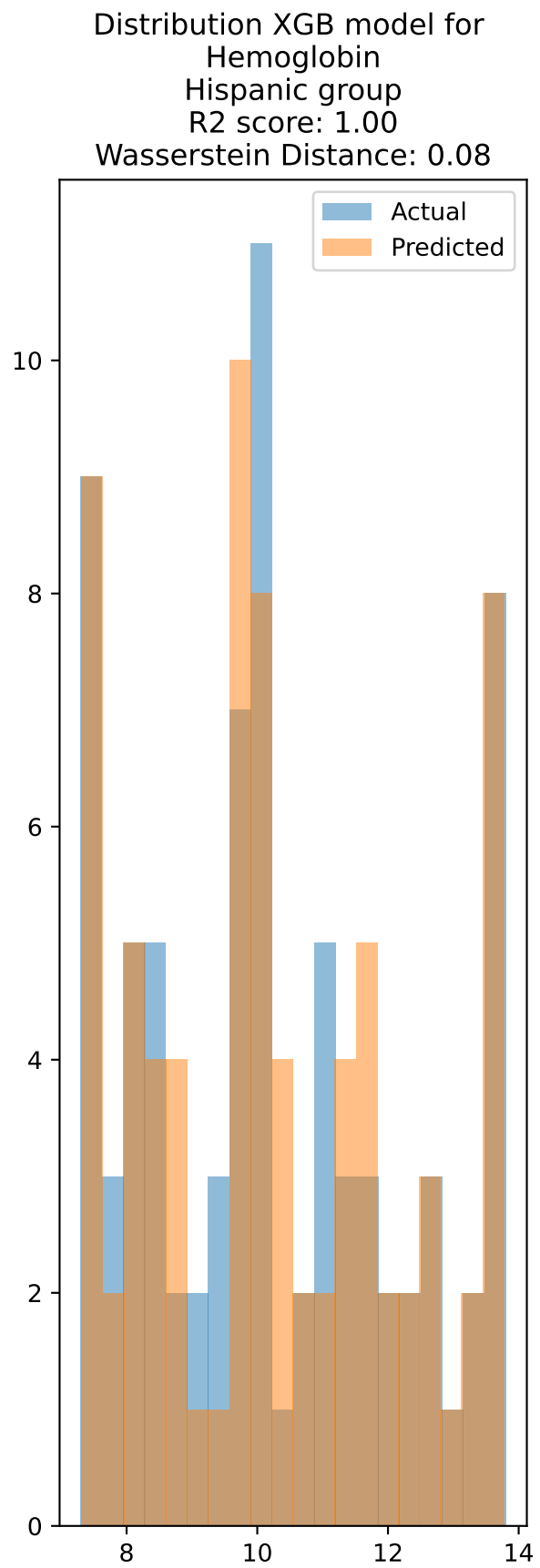
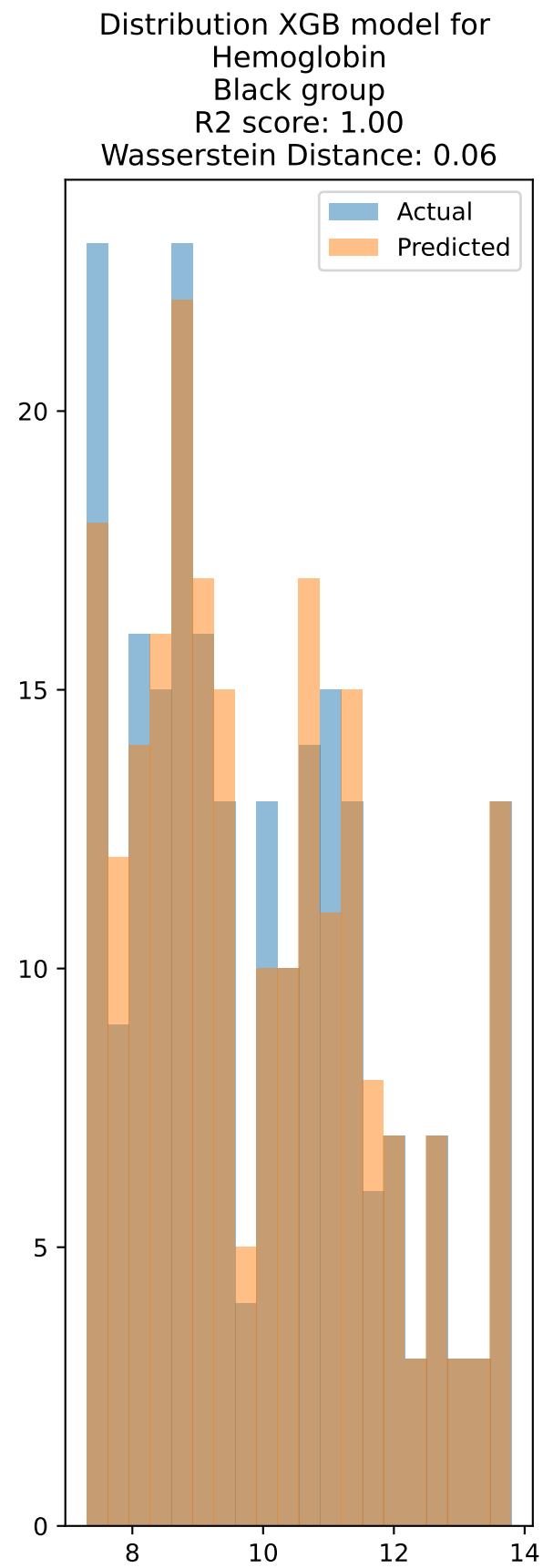
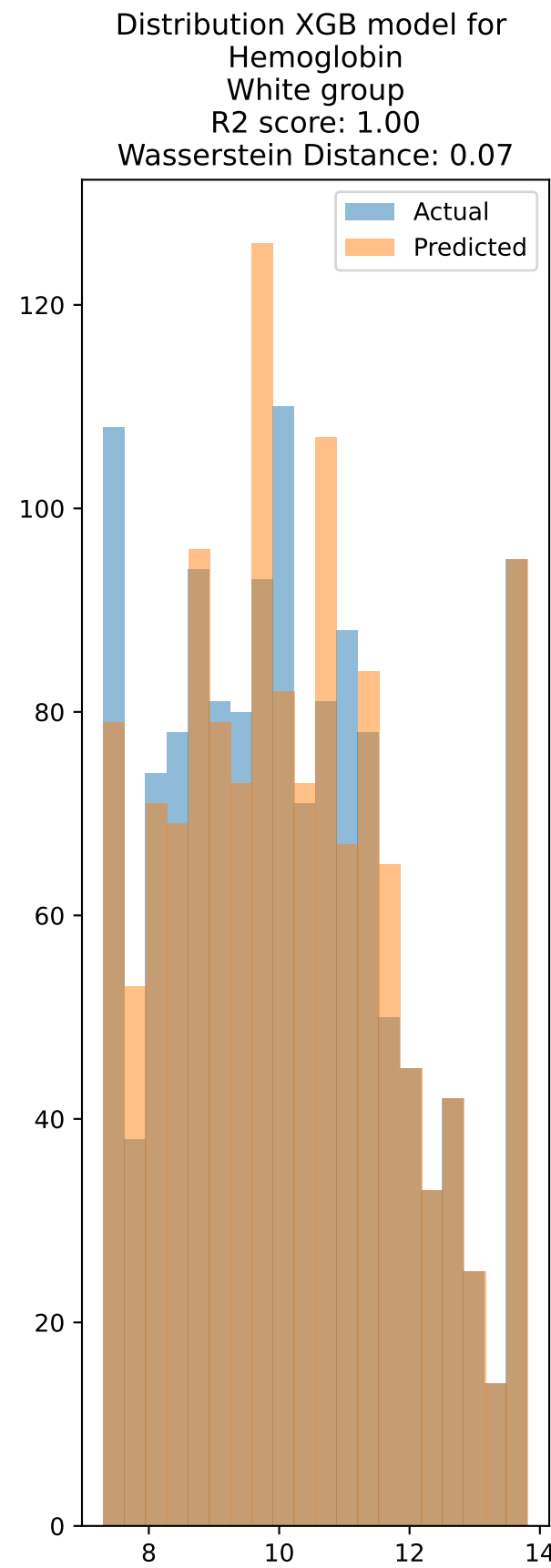


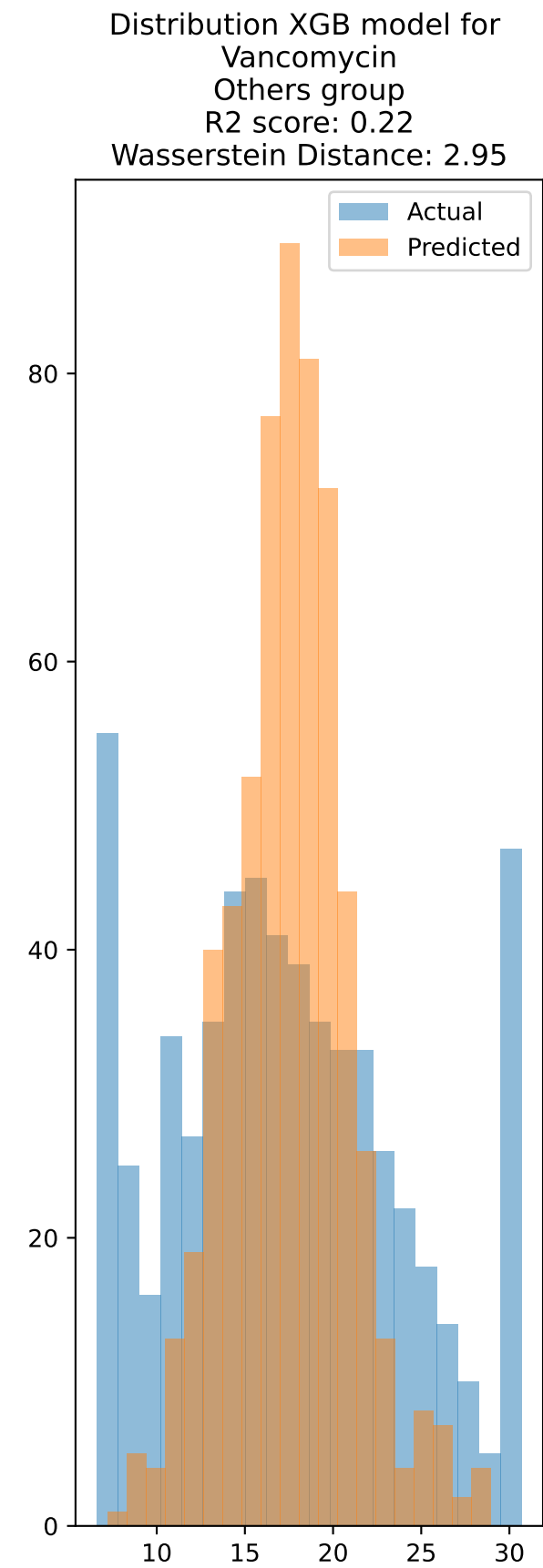
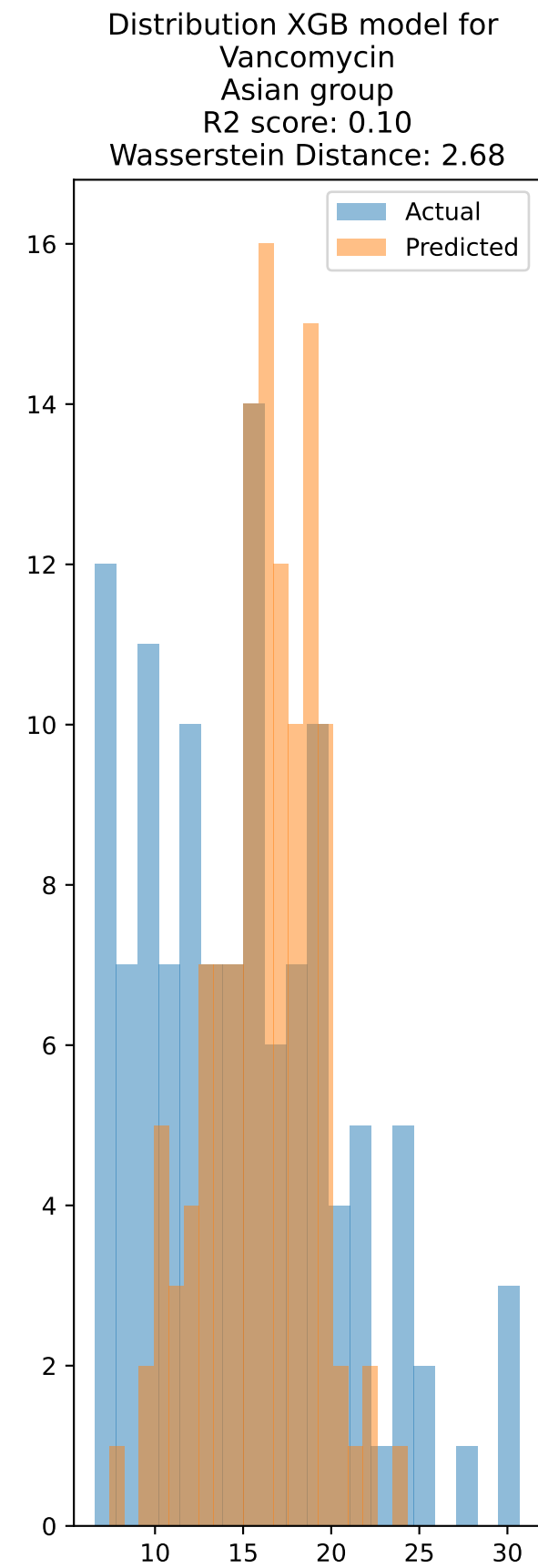
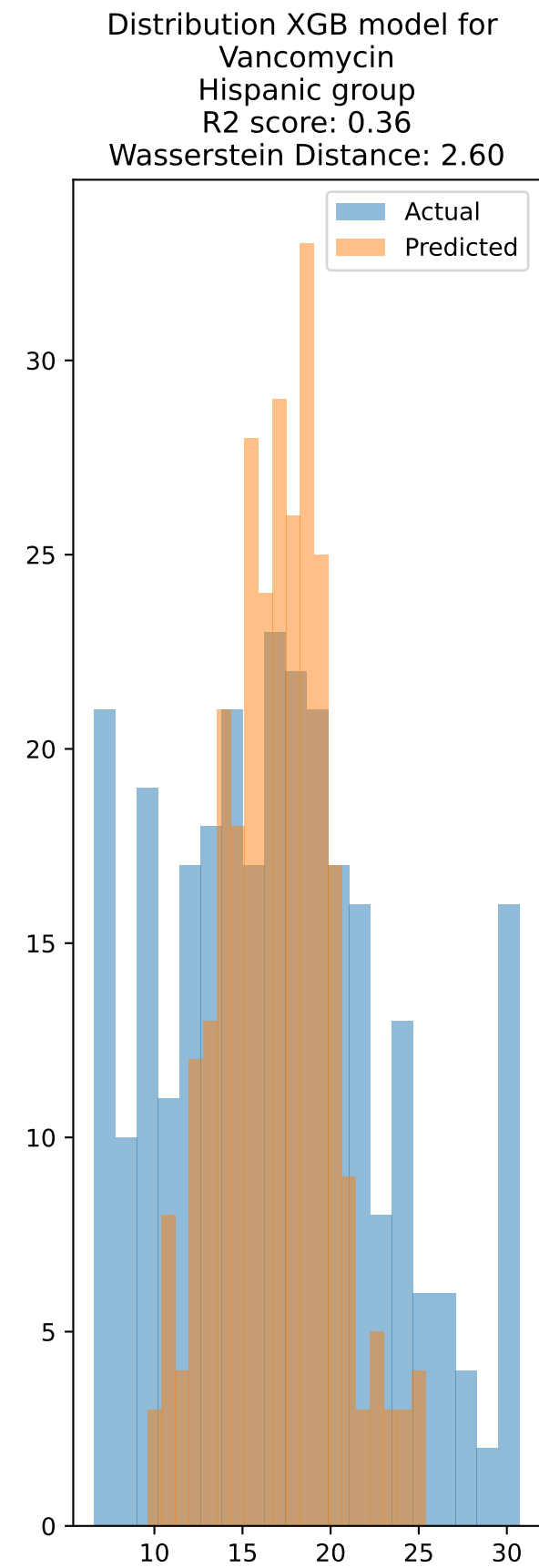
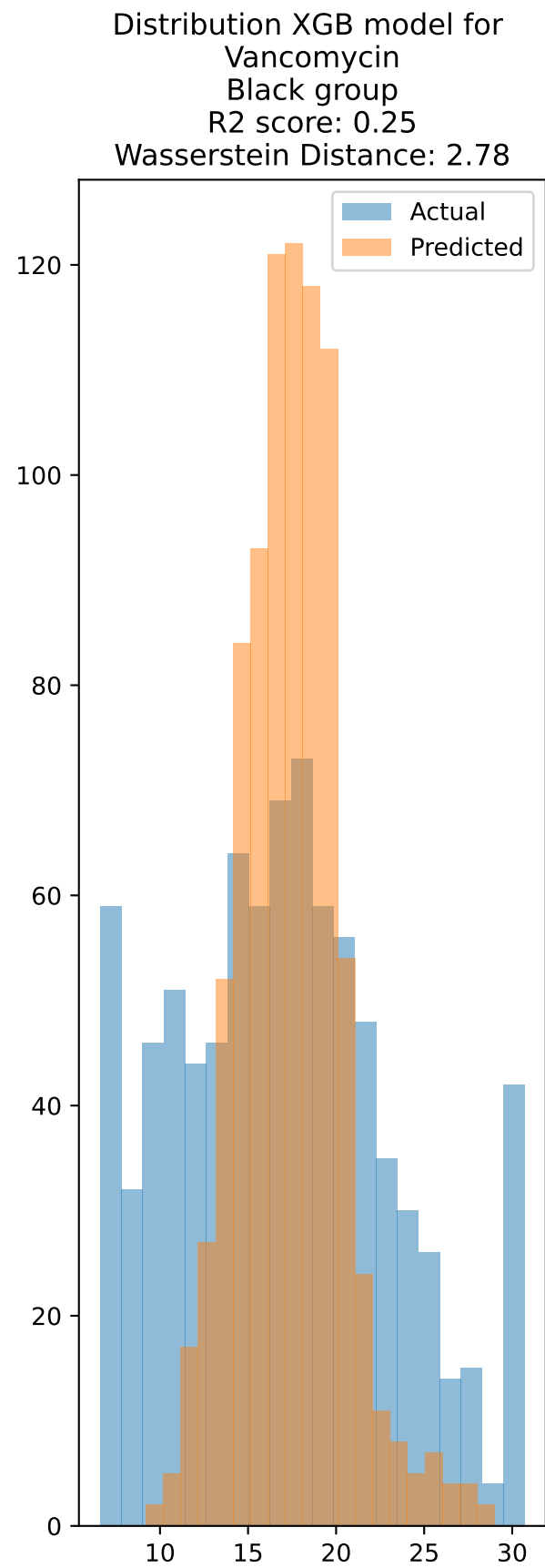
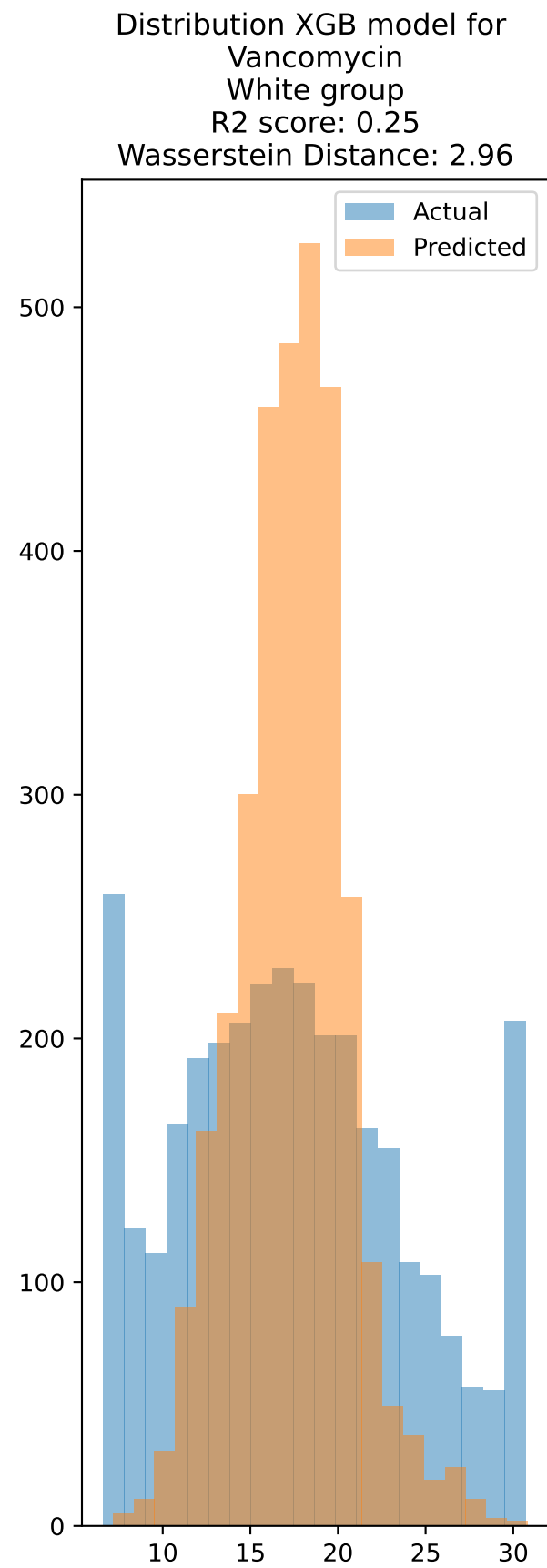
Distribution XGB model for
Hematocrit, Calculated
Asian group
R2 score: 1.00
Wasserstein Distance: 0.00



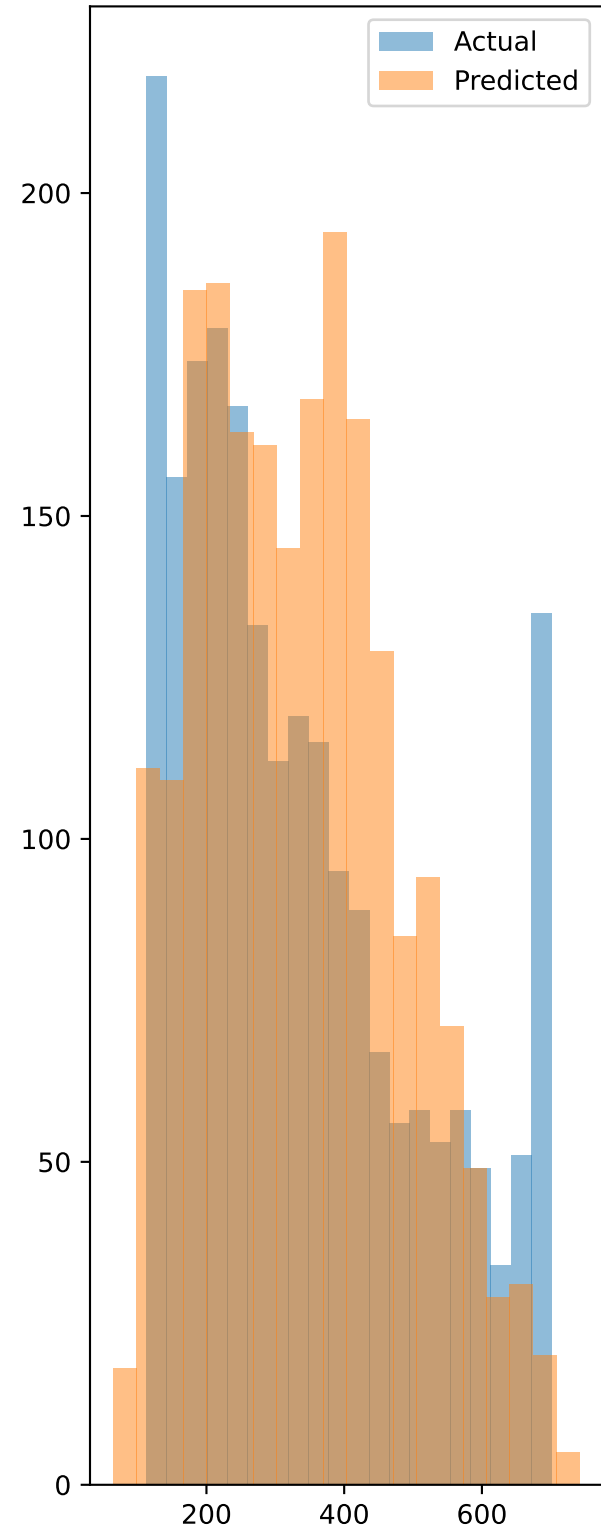
Distribution XGB model for
Hematocrit, Calculated
Others group
R2 score: 1.00
Wasserstein Distance: 0.00



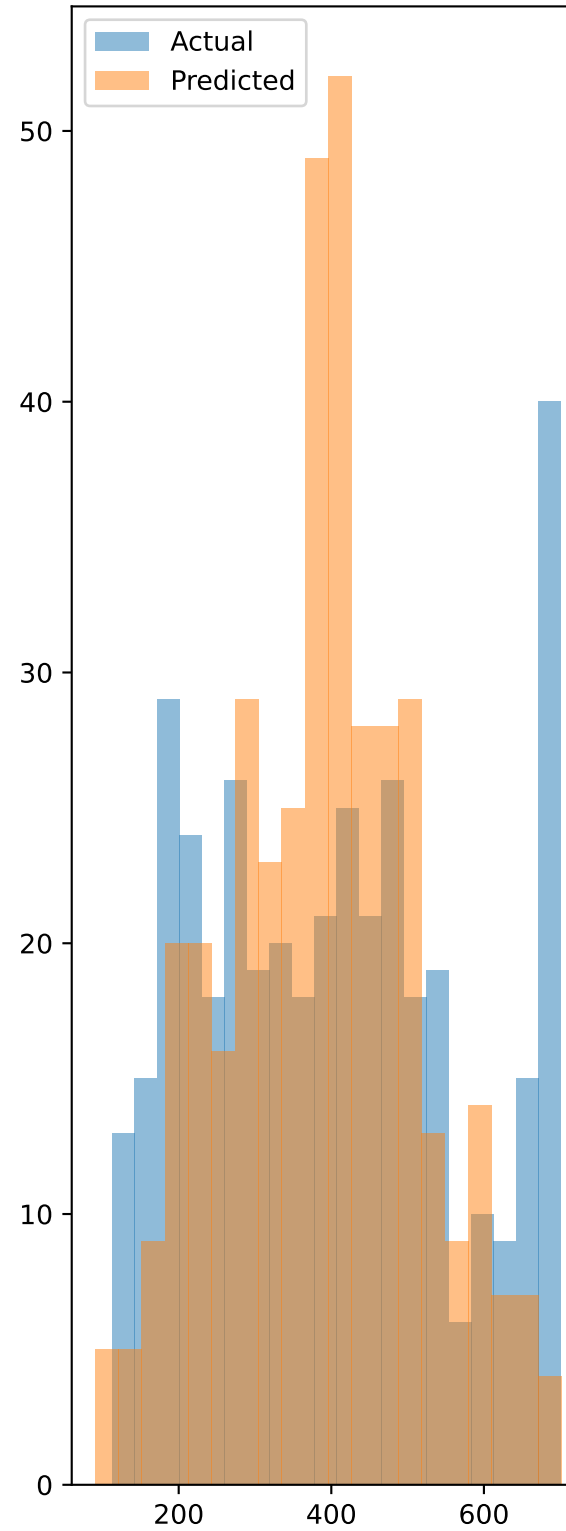




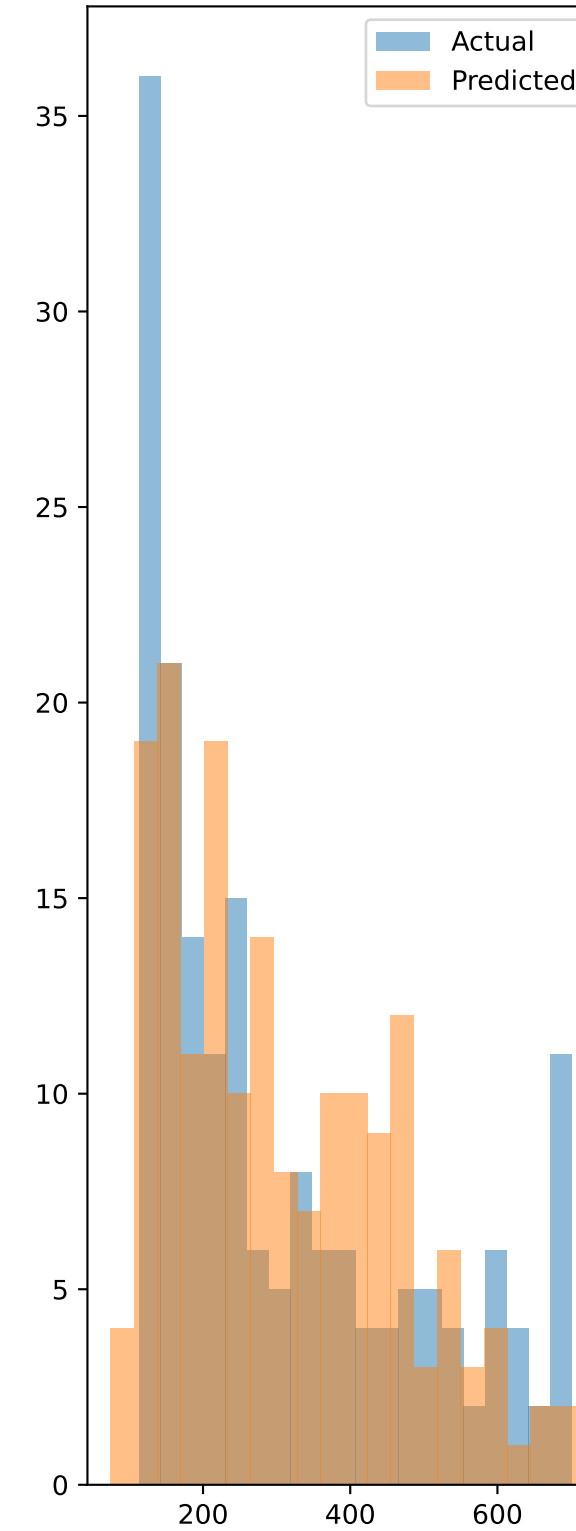
Distribution XGB model for
Fibrinogen, Functional
White group
R2 score: 0.65
Wasserstein Distance: 31.72



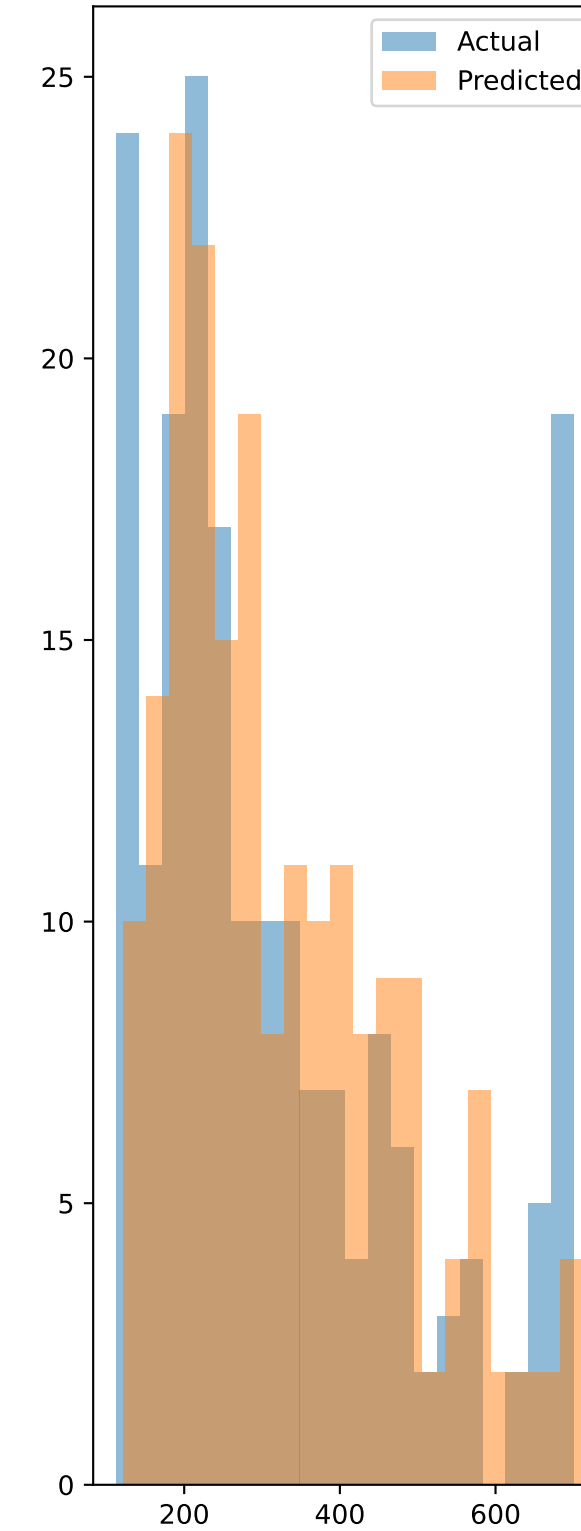
Distribution XGB model for
Fibrinogen, Functional
Black group
R2 score: 0.57
Wasserstein Distance: 46.04



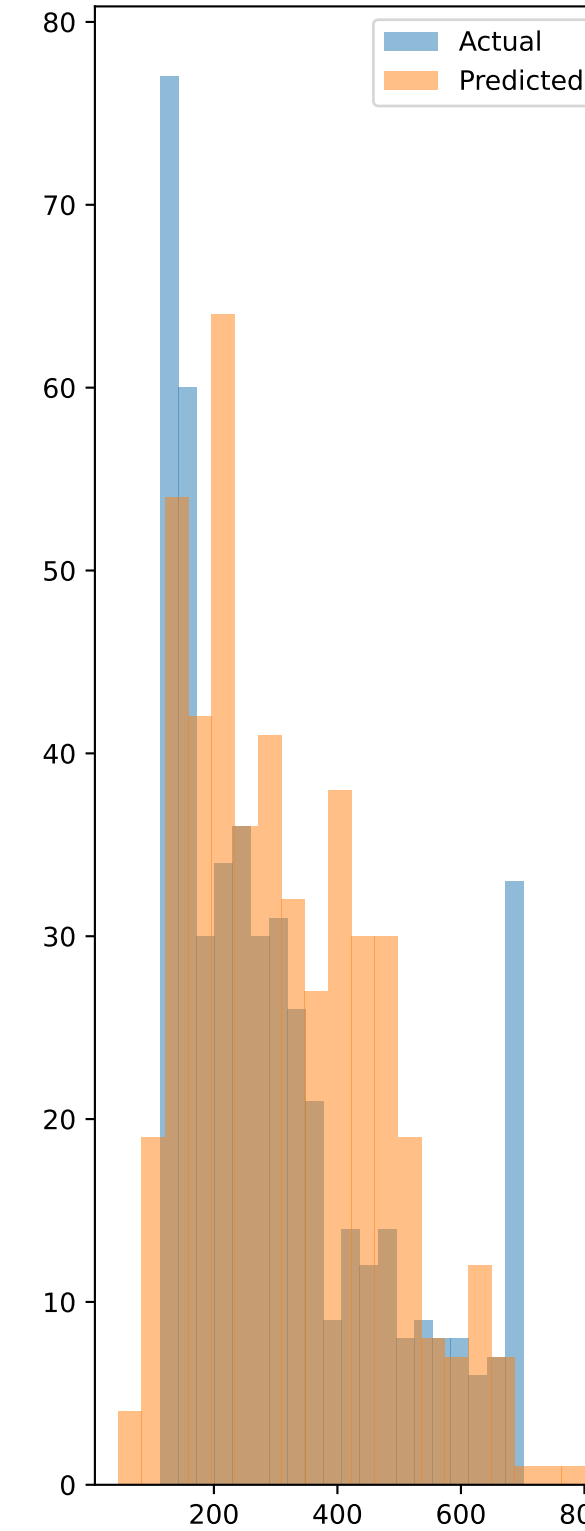
Distribution XGB model for
Fibrinogen, Functional
Hispanic group
R2 score: 0.72
Wasserstein Distance: 34.12

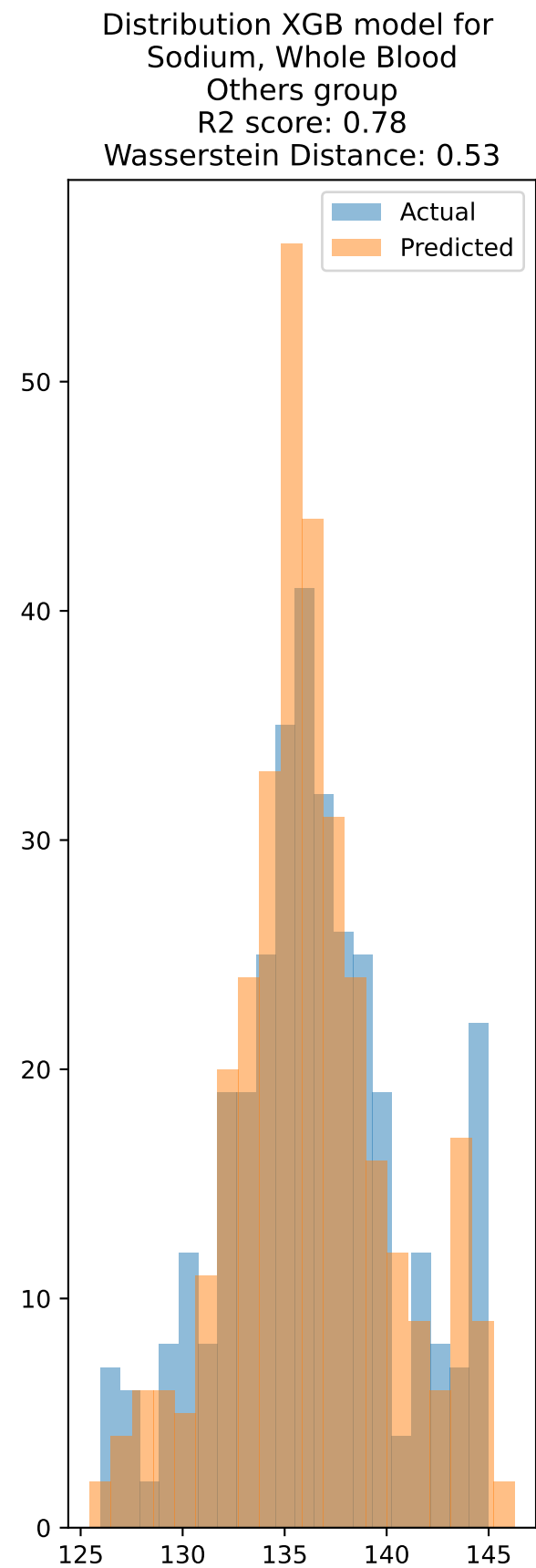
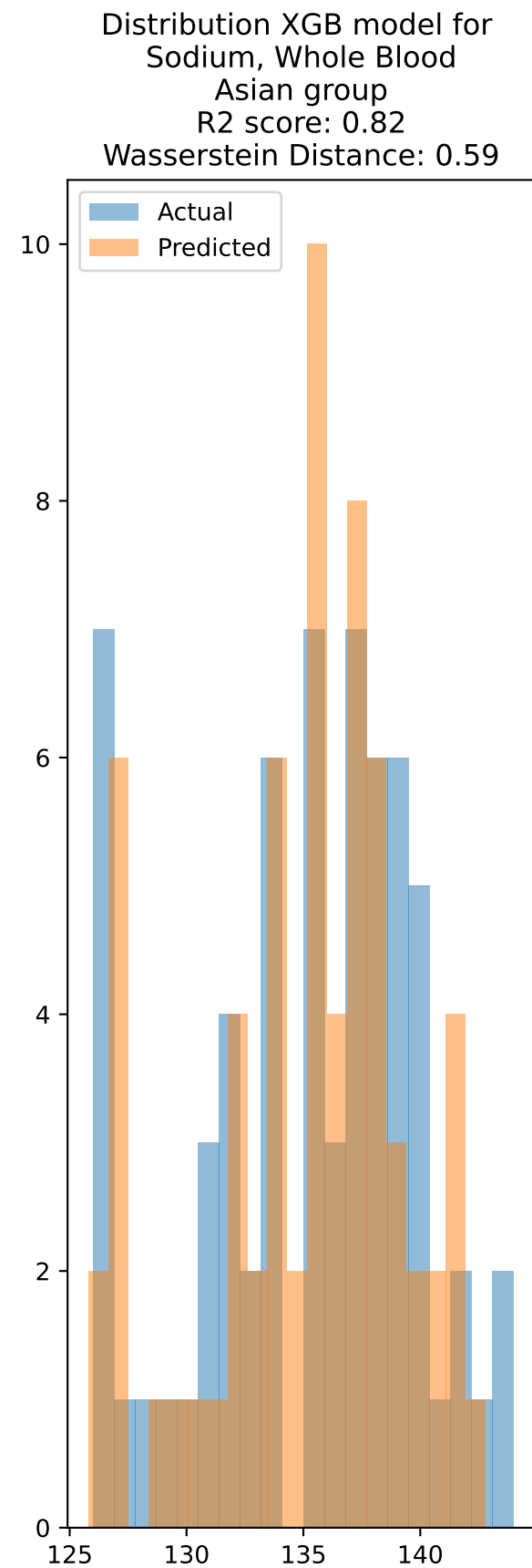
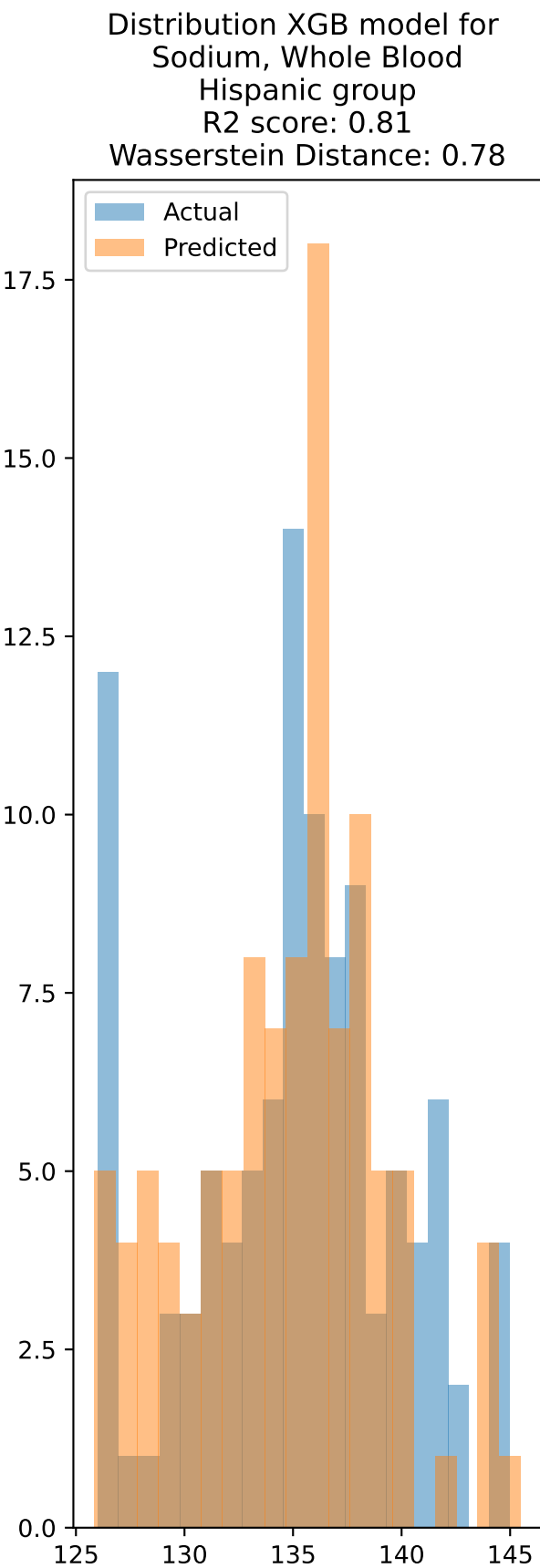
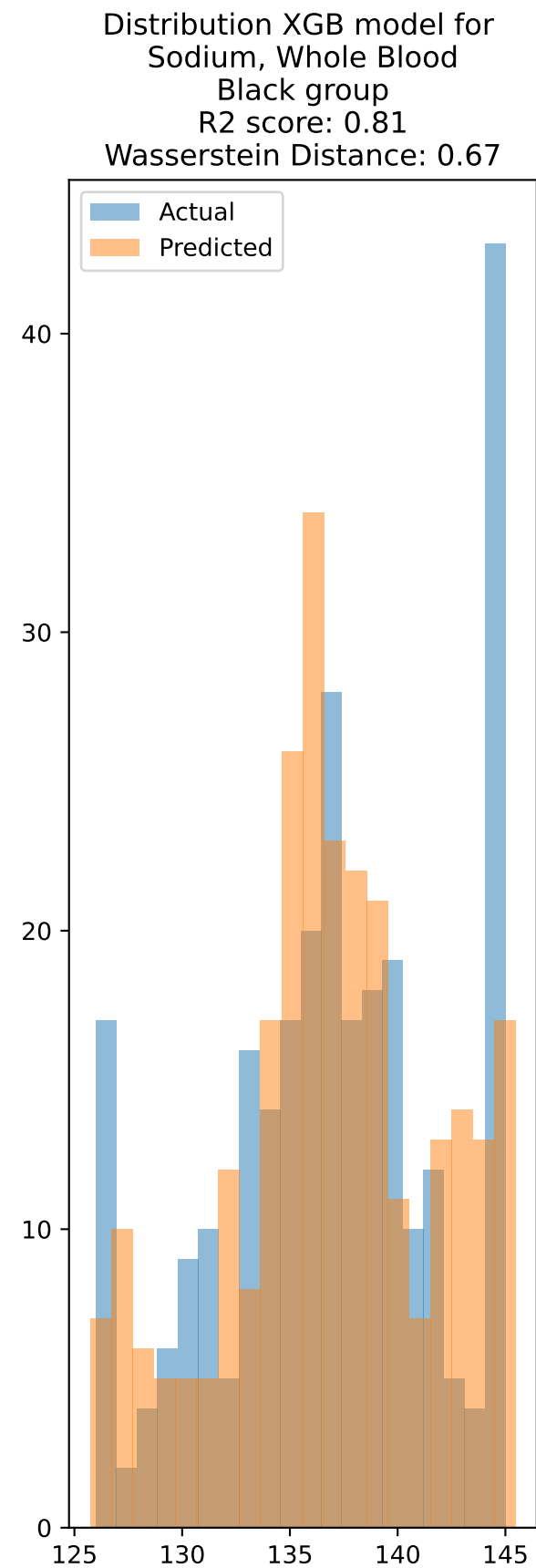
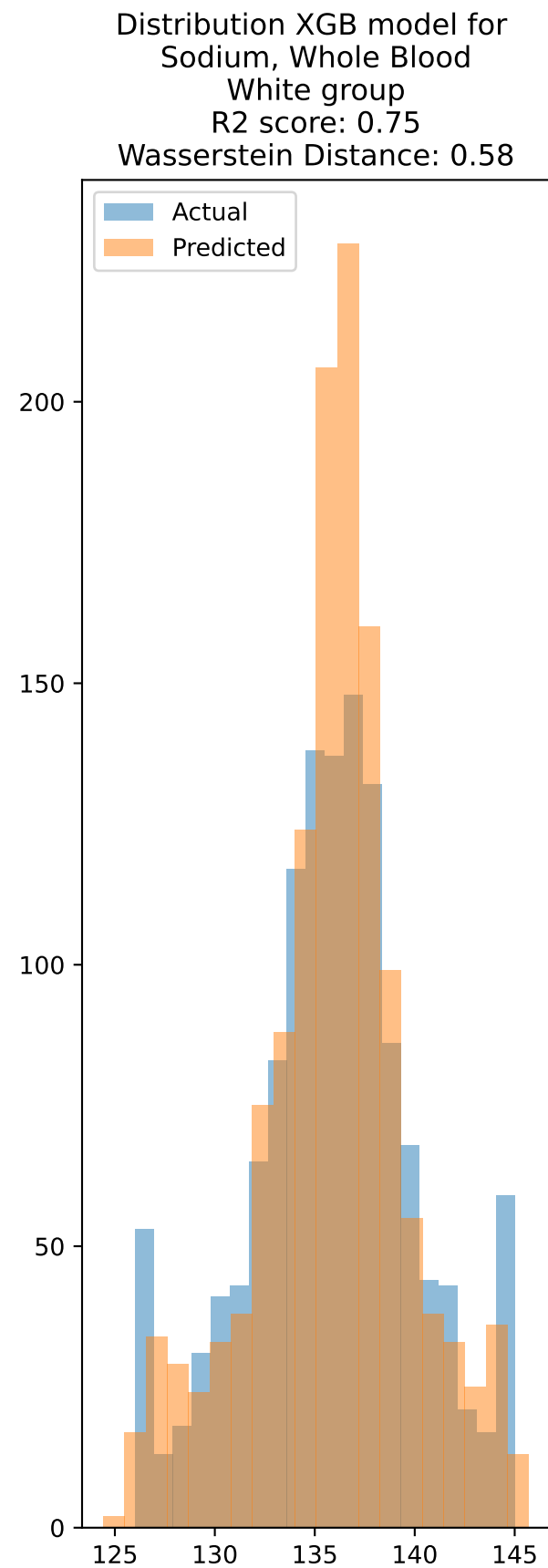


Distribution XGB model for
Fibrinogen, Functional
Asian group
R2 score: 0.72
Wasserstein Distance: 34.09

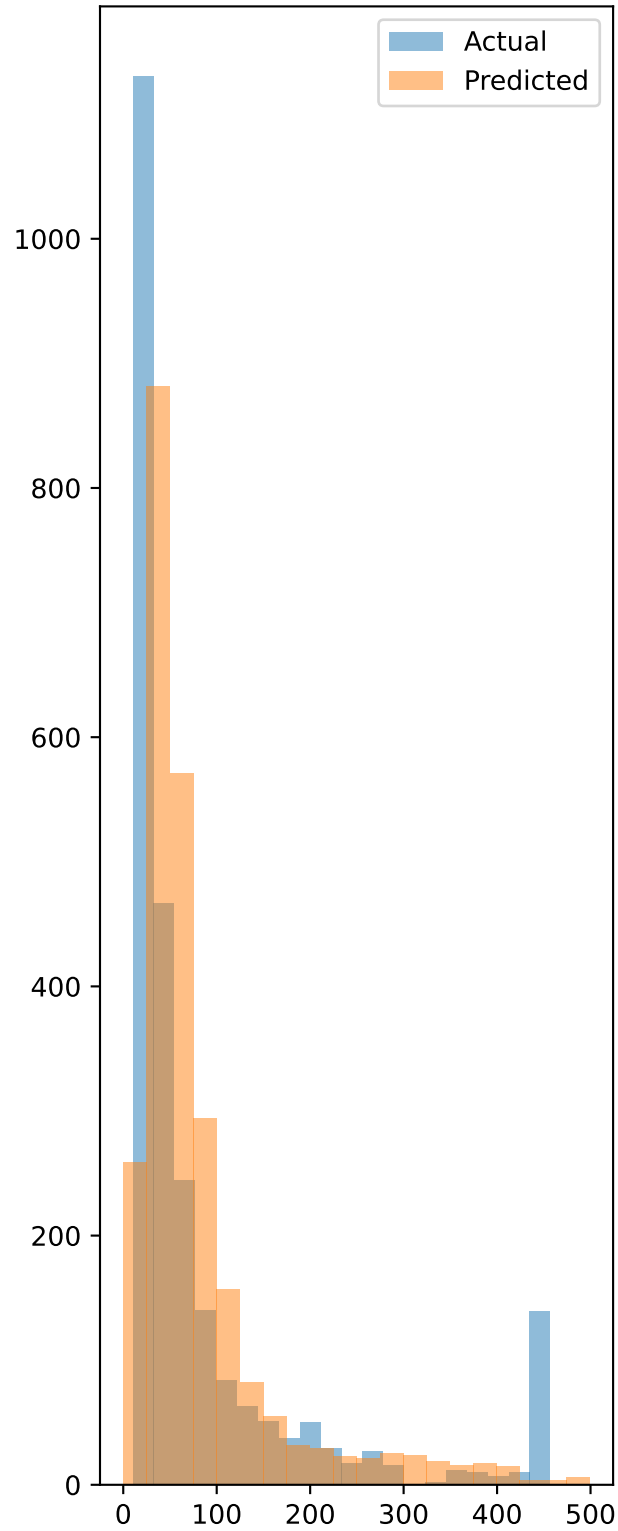


Distribution XGB model for
Fibrinogen, Functional
Others group
R2 score: 0.72
Wasserstein Distance: 32.68

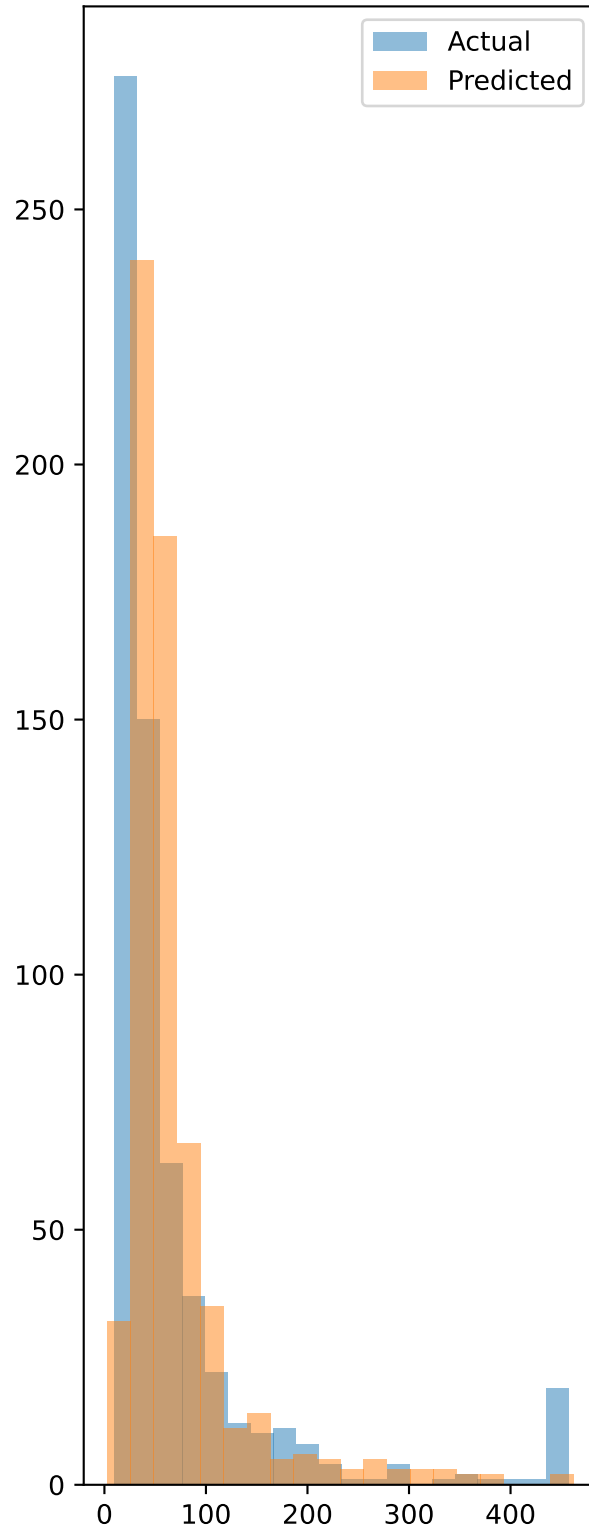




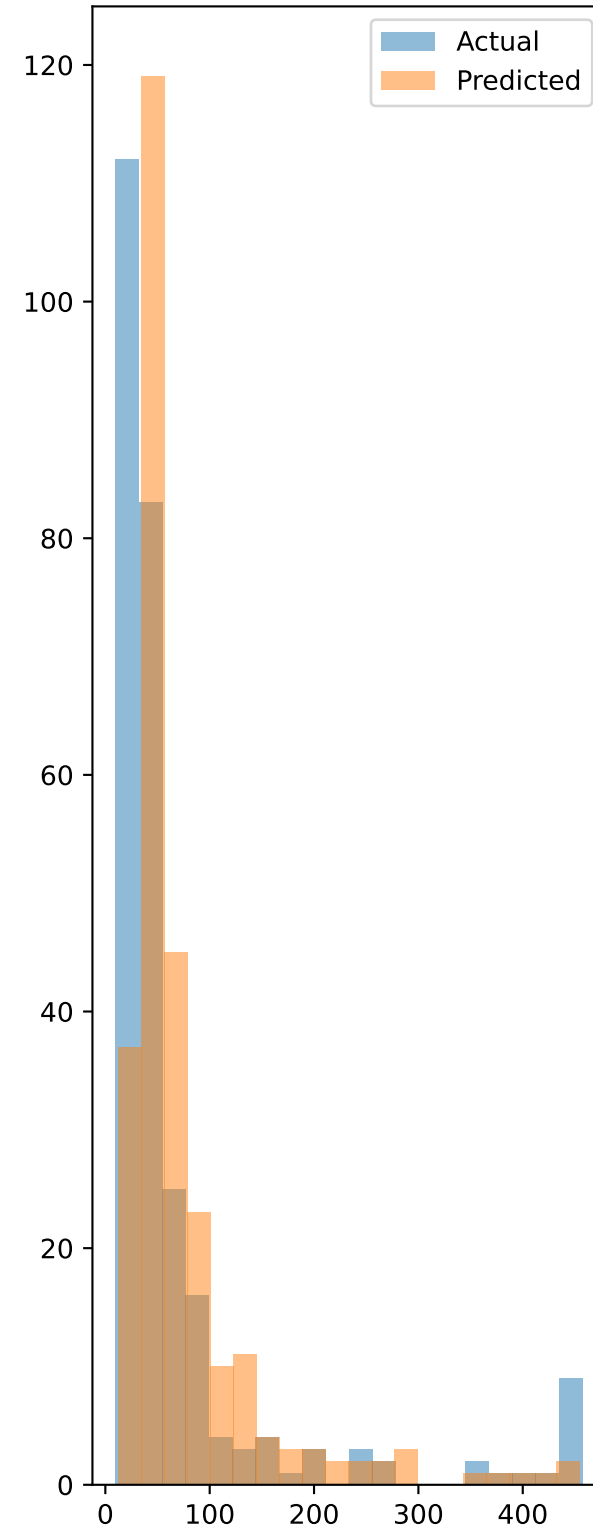
Distribution XGB model for
Lipase
White group
R2 score: 0.57
Wasserstein Distance: 23.99



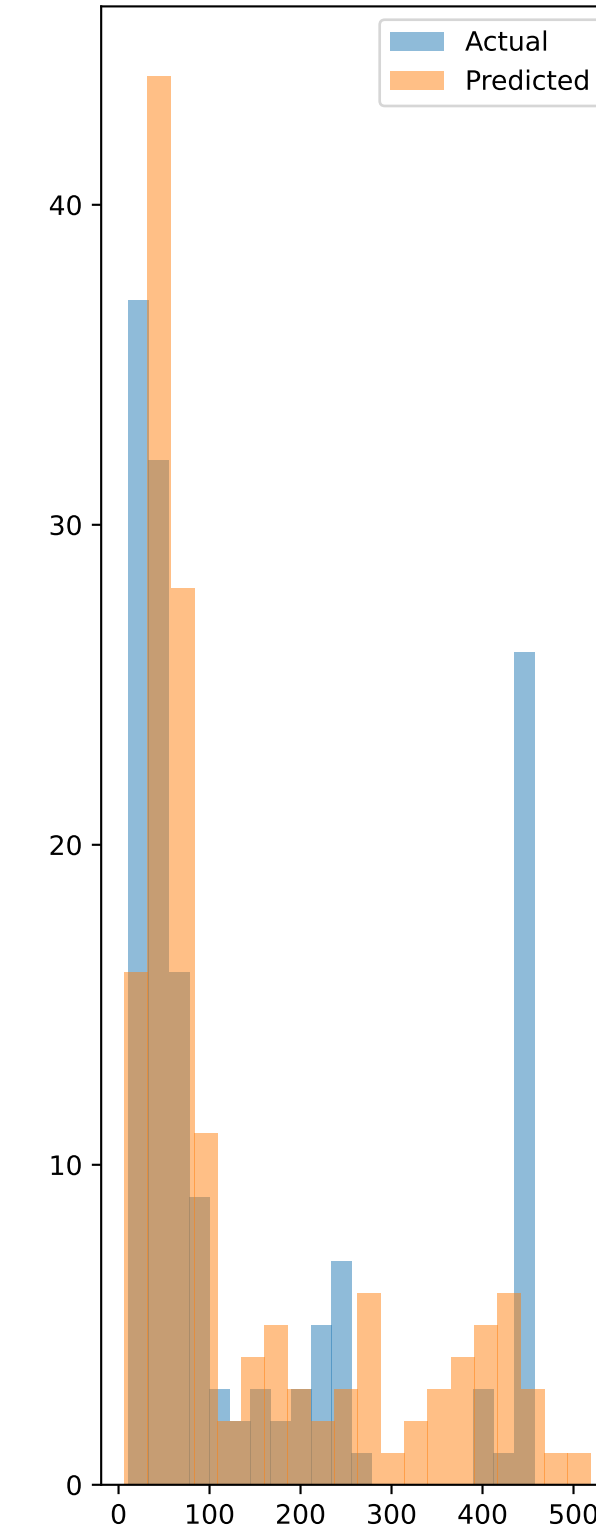
Distribution XGB model for
Lipase
Black group
R2 score: 0.33
Wasserstein Distance: 20.24



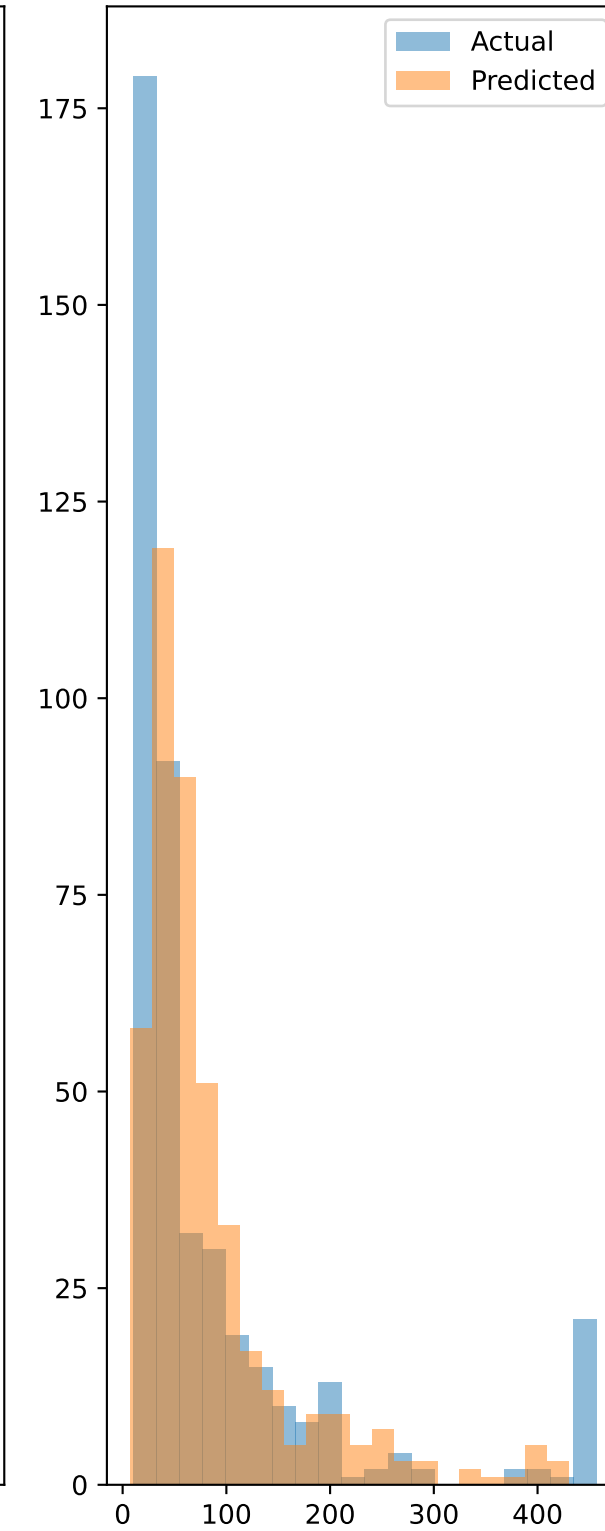
Distribution XGB model for
Lipase
Hispanic group
R2 score: 0.62
Wasserstein Distance: 21.46



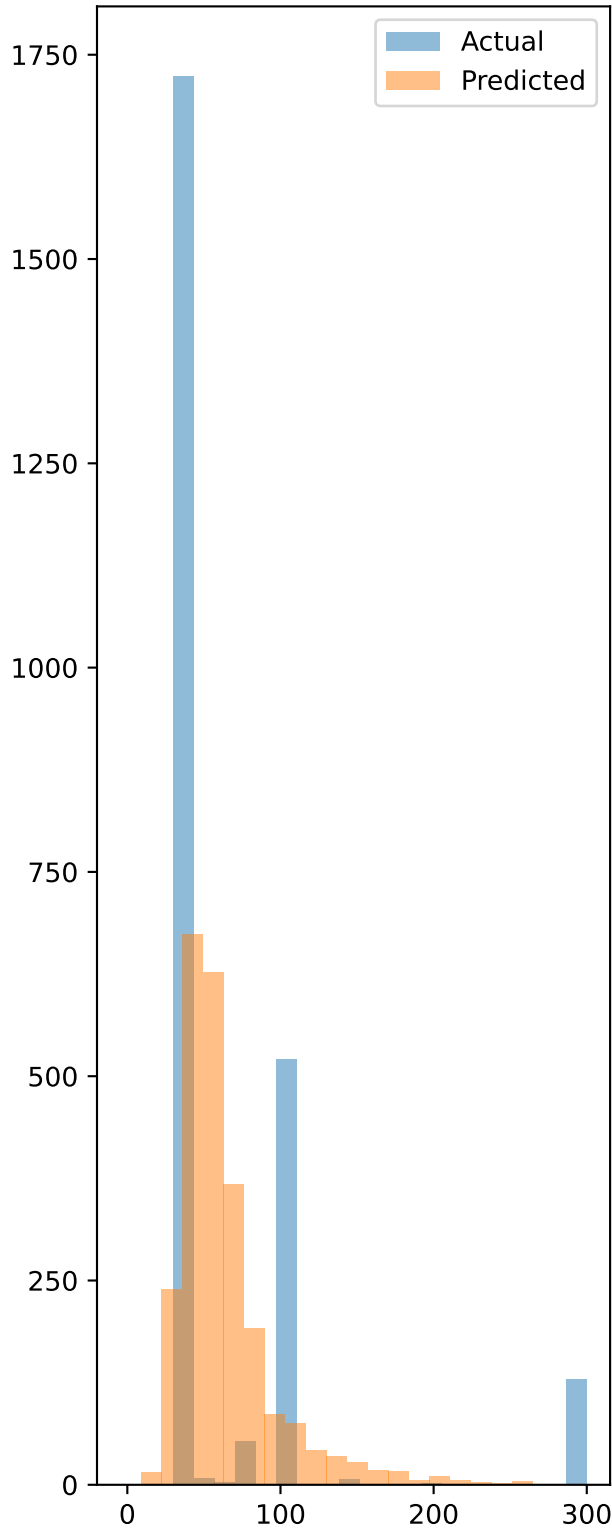
Distribution XGB model for
Lipase
Asian group
R2 score: 0.74
Wasserstein Distance: 24.81



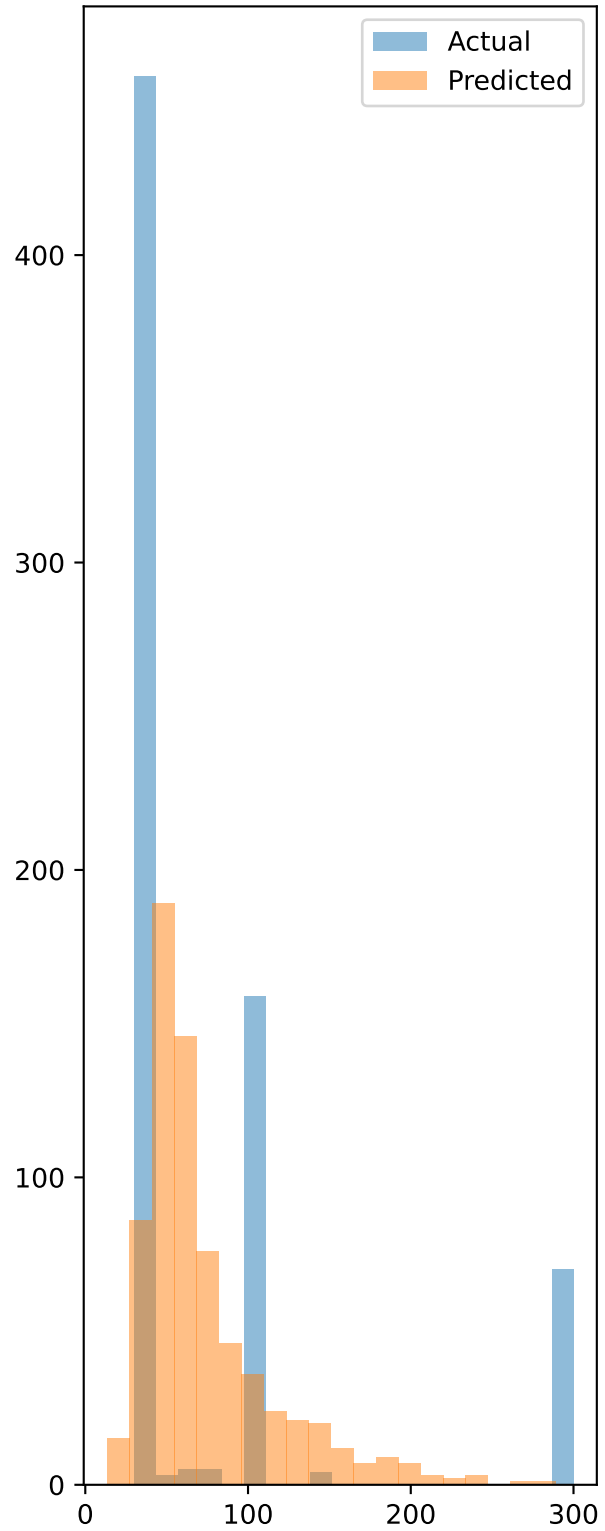
Distribution XGB model for
Lipase
Others group
R2 score: 0.54
Wasserstein Distance: 20.61



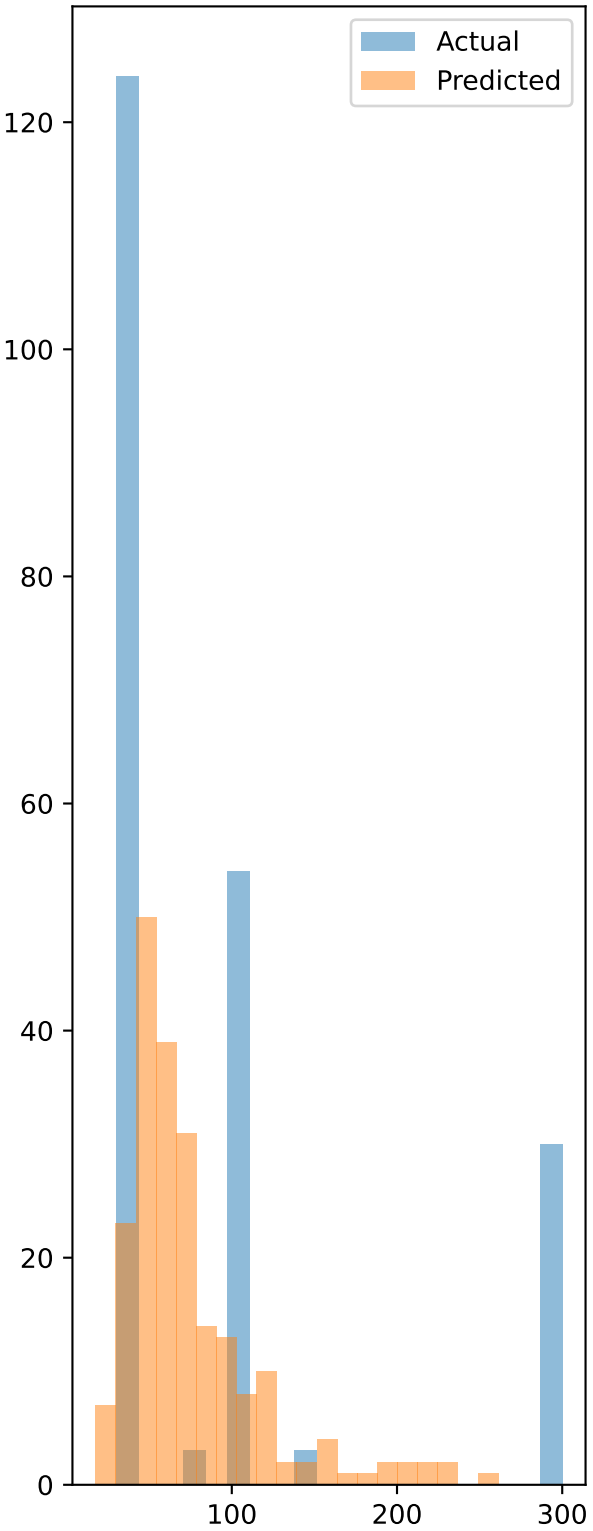
Distribution XGB model for
Protein
White group
R2 score: 0.24
Wasserstein Distance: 24.05



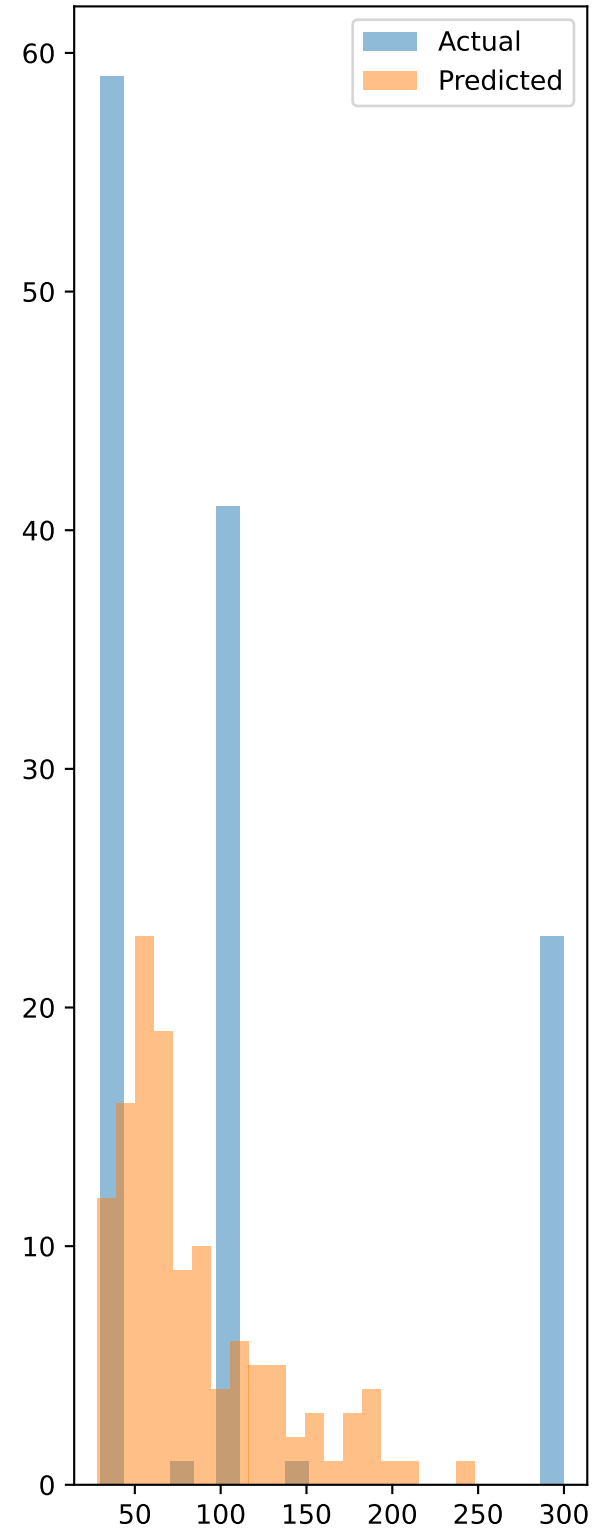
Distribution XGB model for
Protein
Black group
R2 score: 0.29
Wasserstein Distance: 29.75



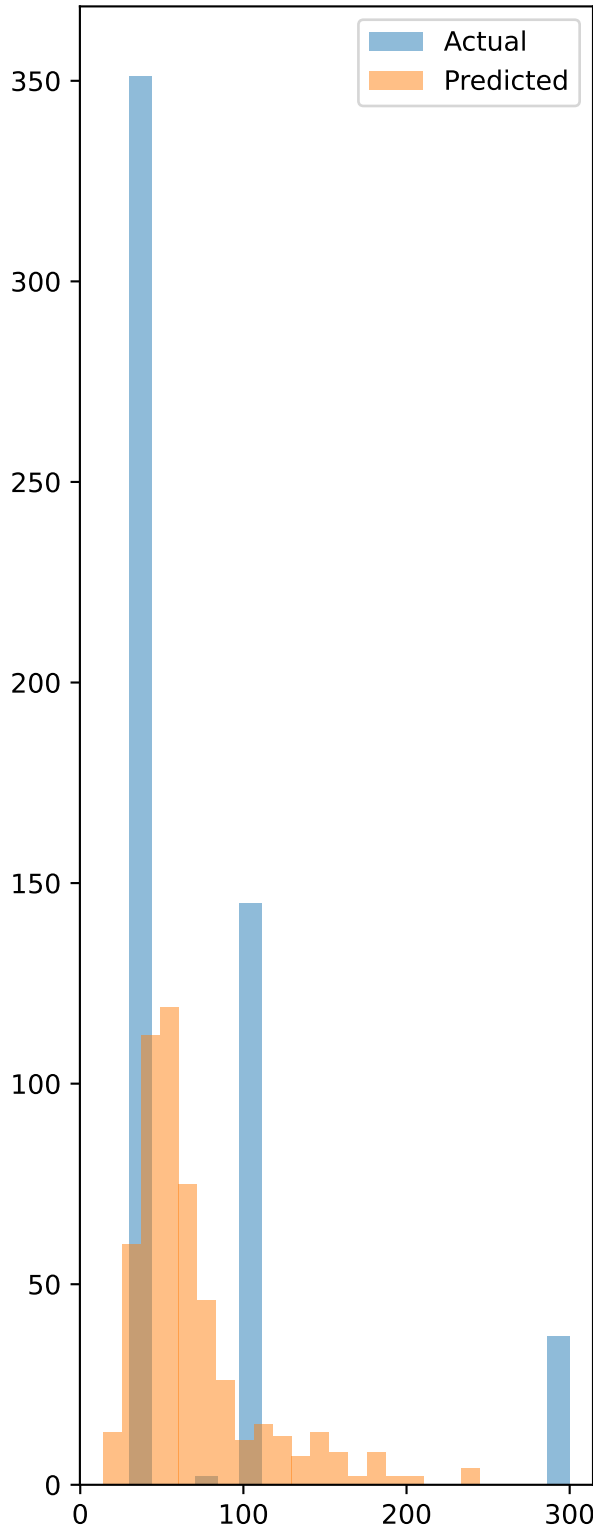
Distribution XGB model for
Protein
Hispanic group
R2 score: 0.34
Wasserstein Distance: 35.97



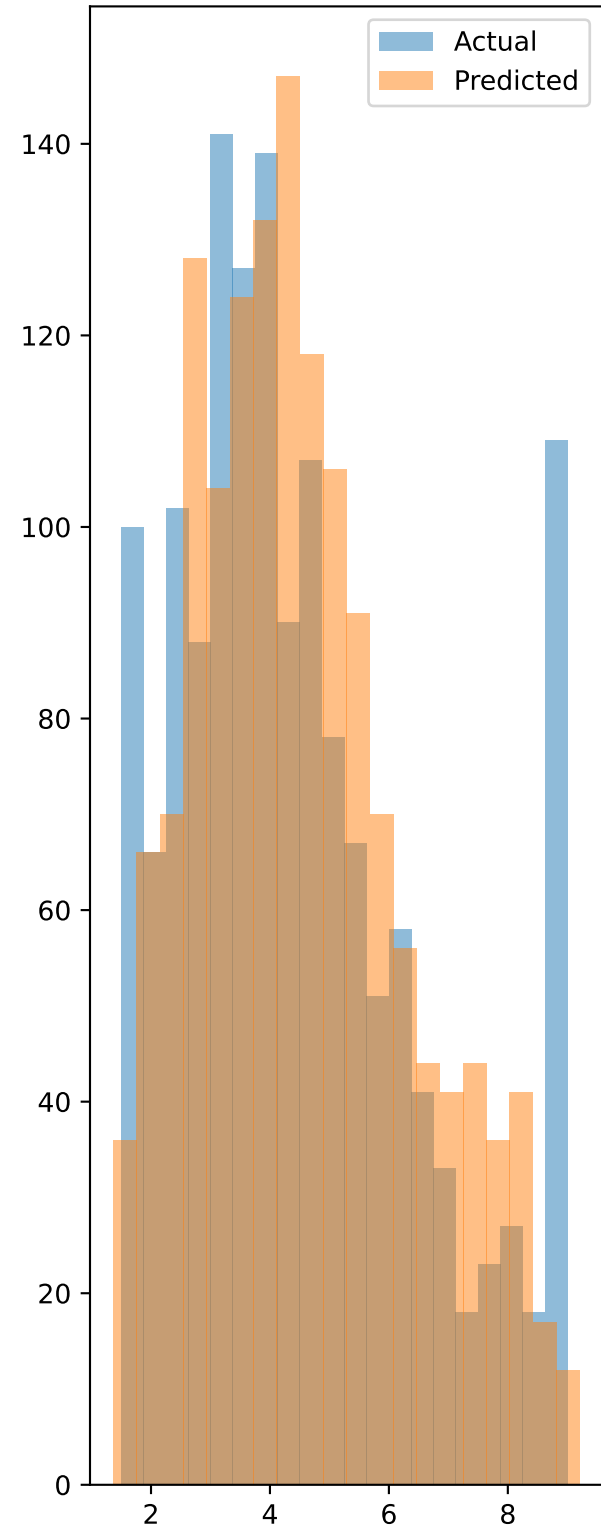
Distribution XGB model for
Protein
Asian group
R2 score: 0.25
Wasserstein Distance: 40.39



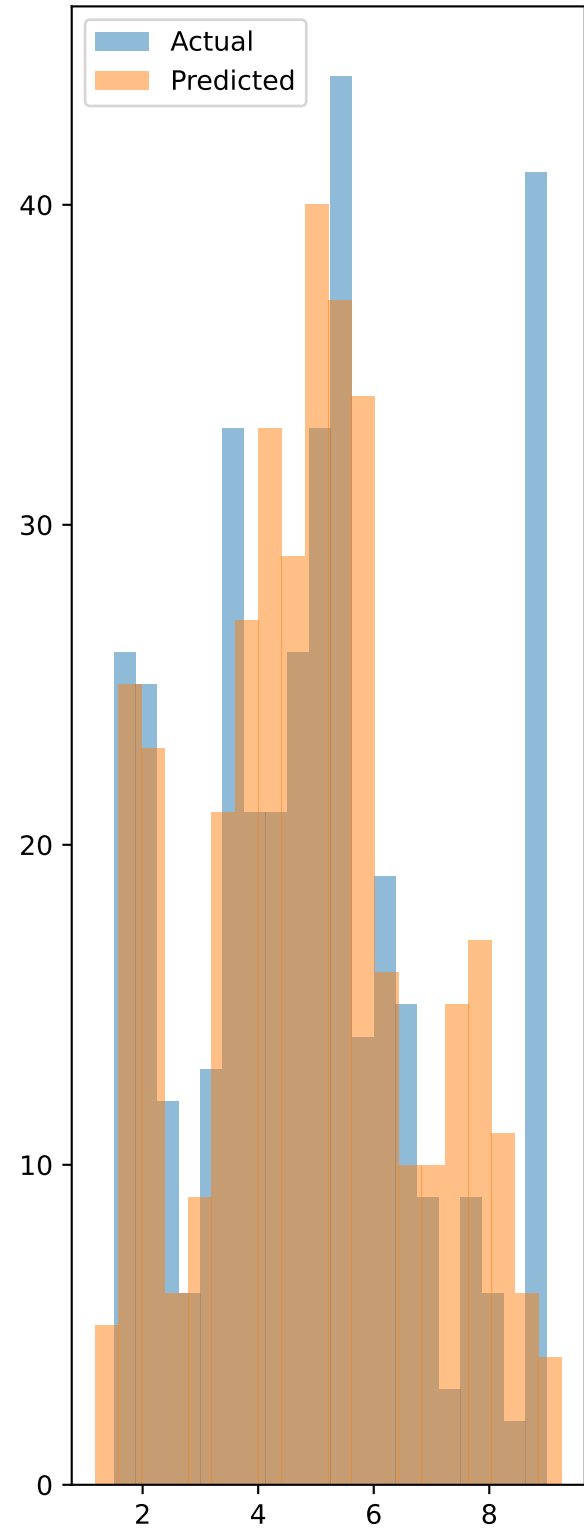
Distribution XGB model for
Protein
Others group
R2 score: 0.31
Wasserstein Distance: 26.03



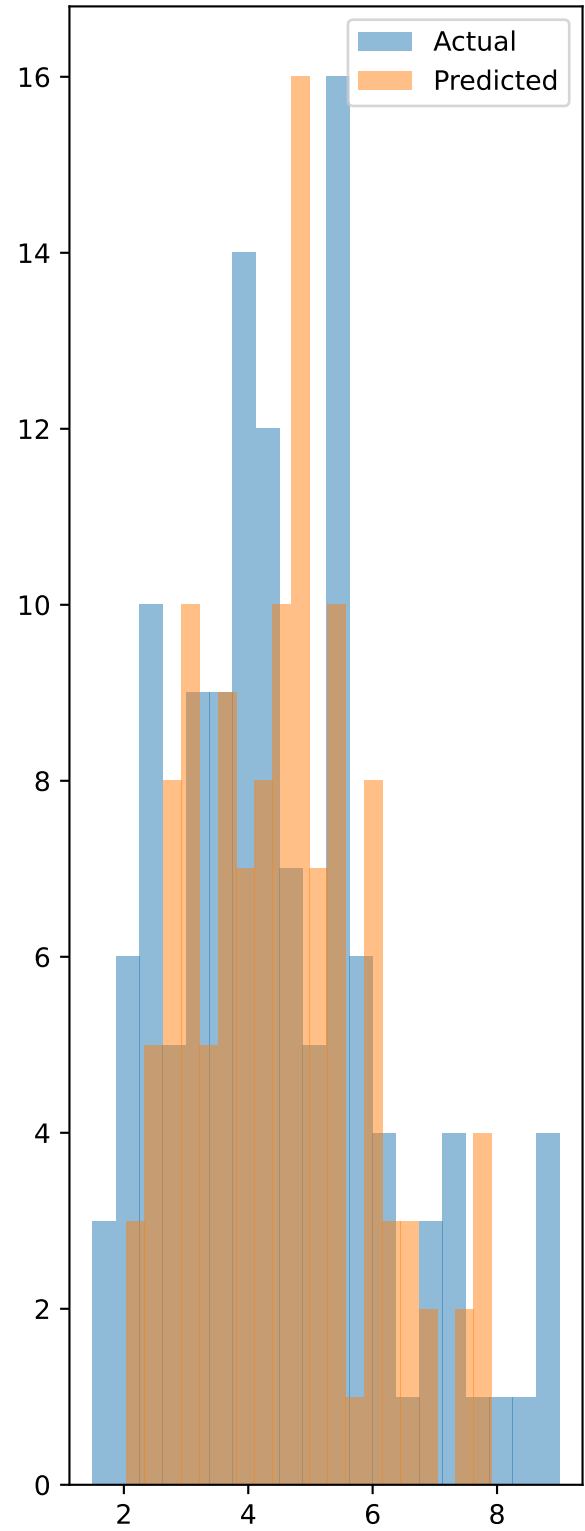
Distribution XGB model for
Uric Acid
White group
R2 score: 0.71
Wasserstein Distance: 0.27



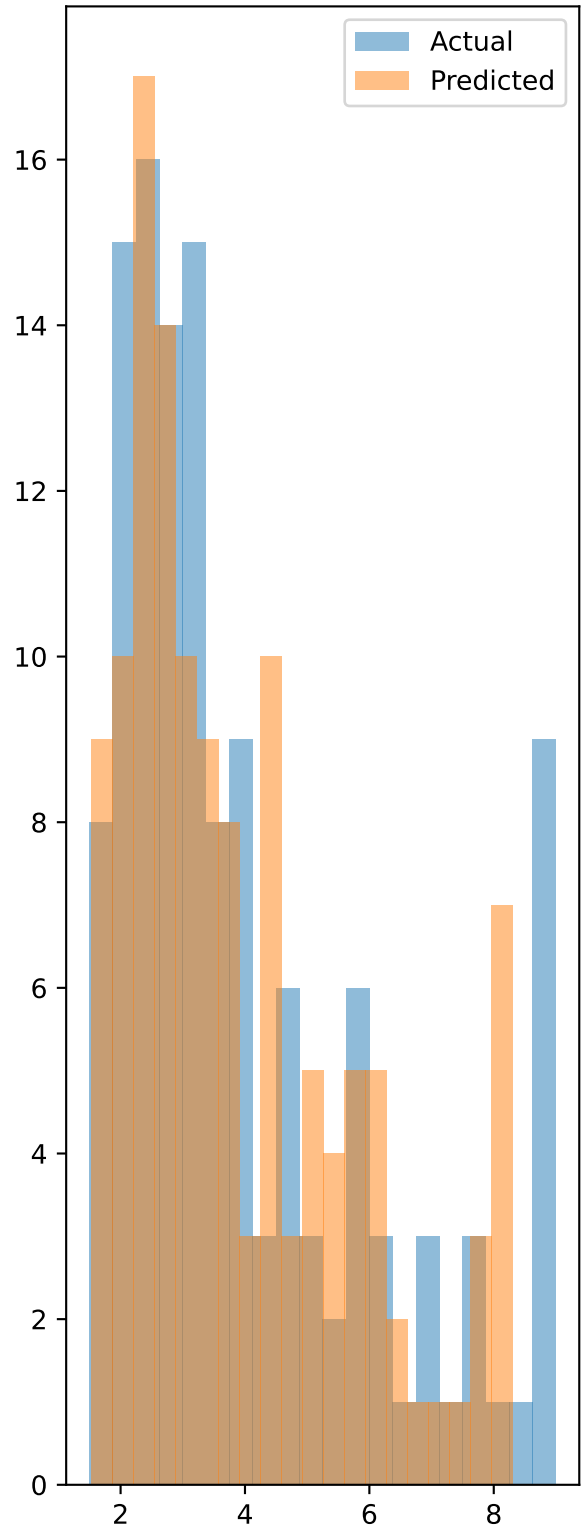
Distribution XGB model for
Uric Acid
Black group
R2 score: 0.79
Wasserstein Distance: 0.21



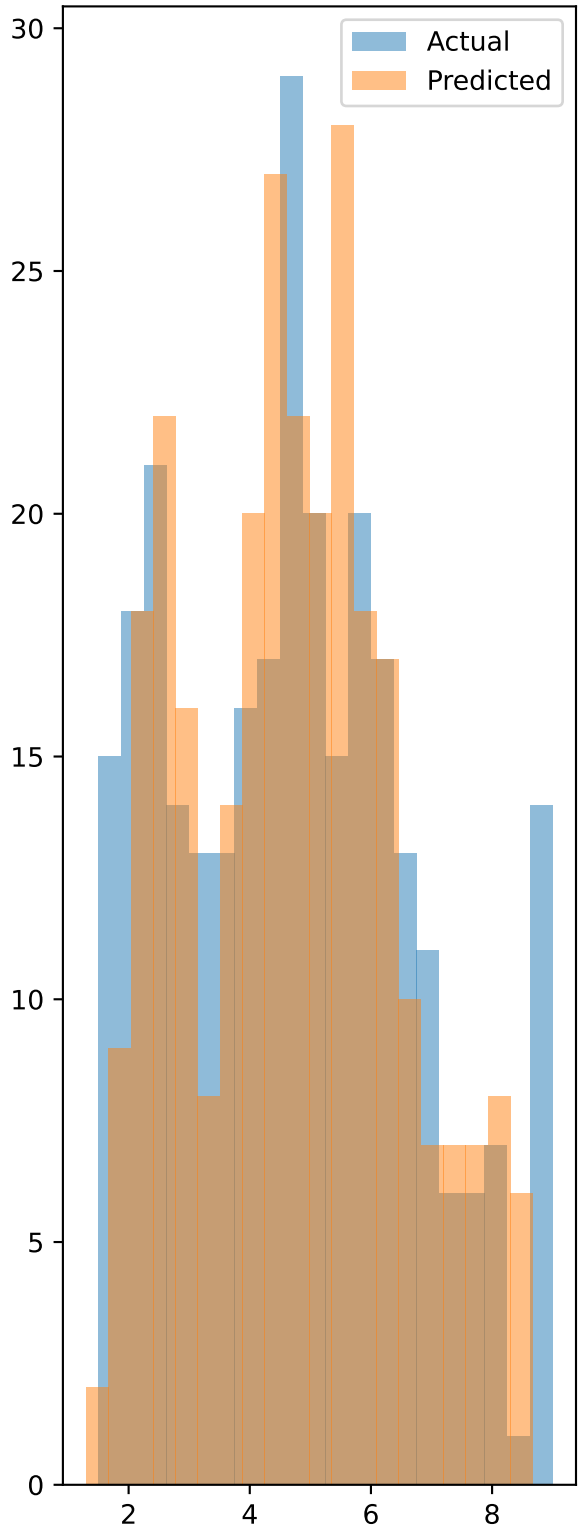
Distribution XGB model for
Uric Acid
Hispanic group
R2 score: 0.71
Wasserstein Distance: 0.32

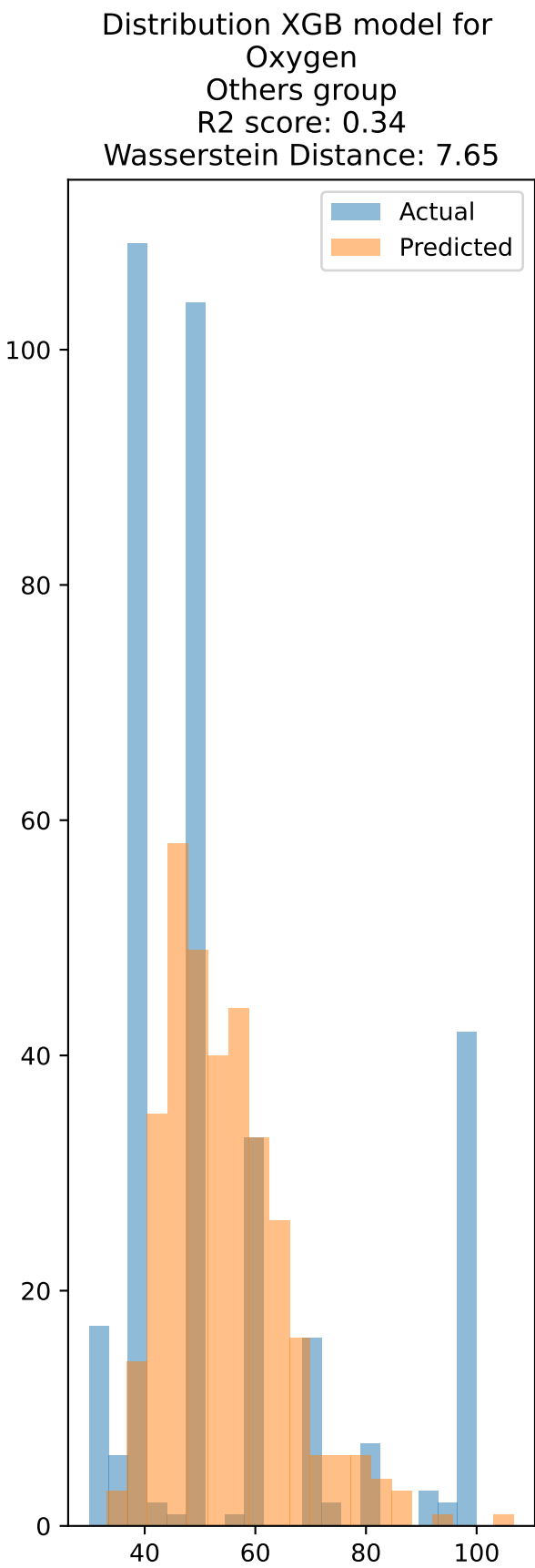
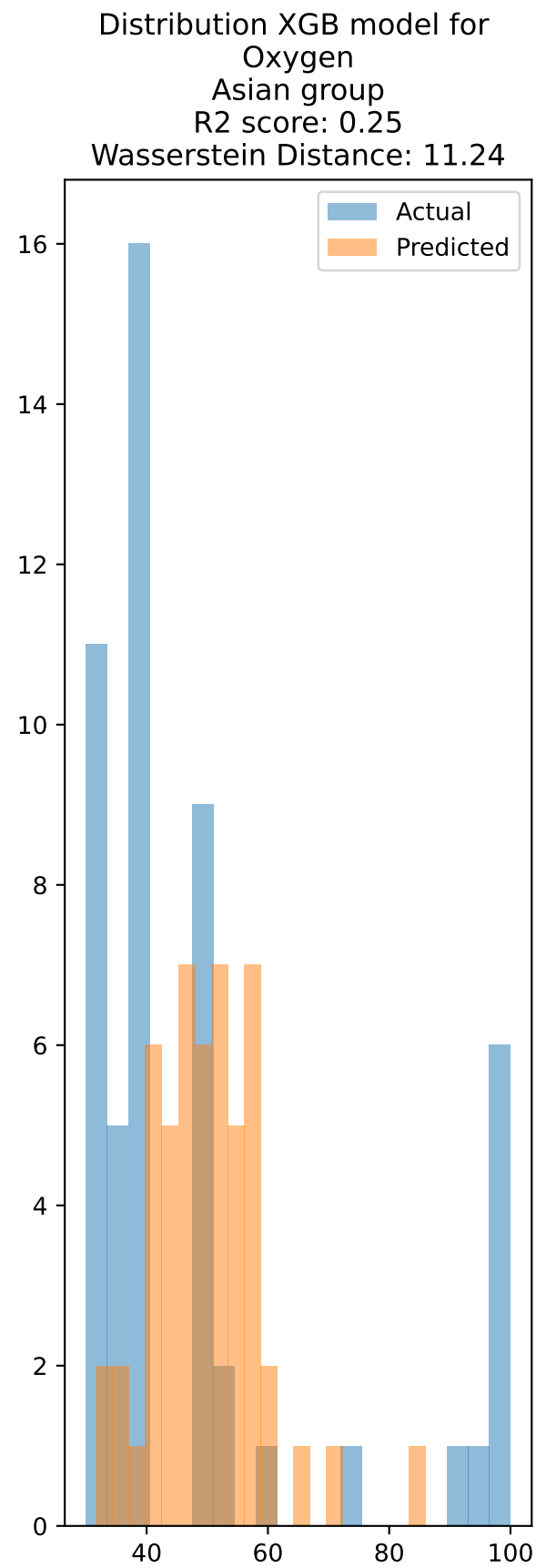
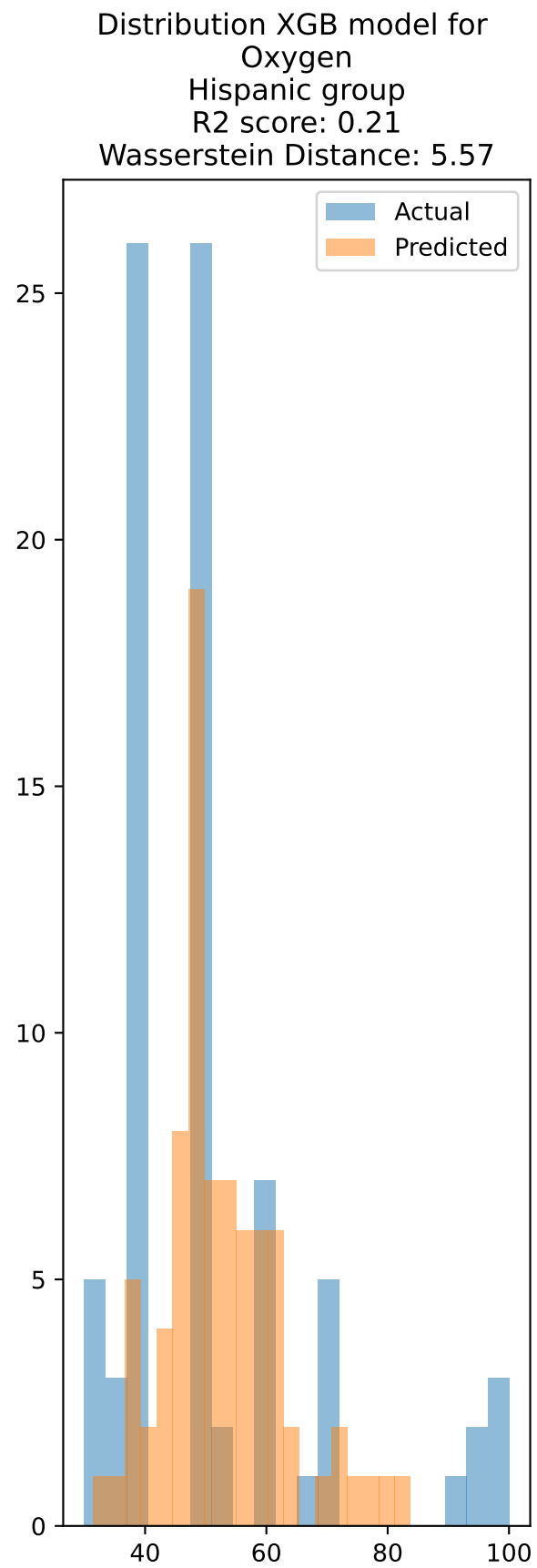
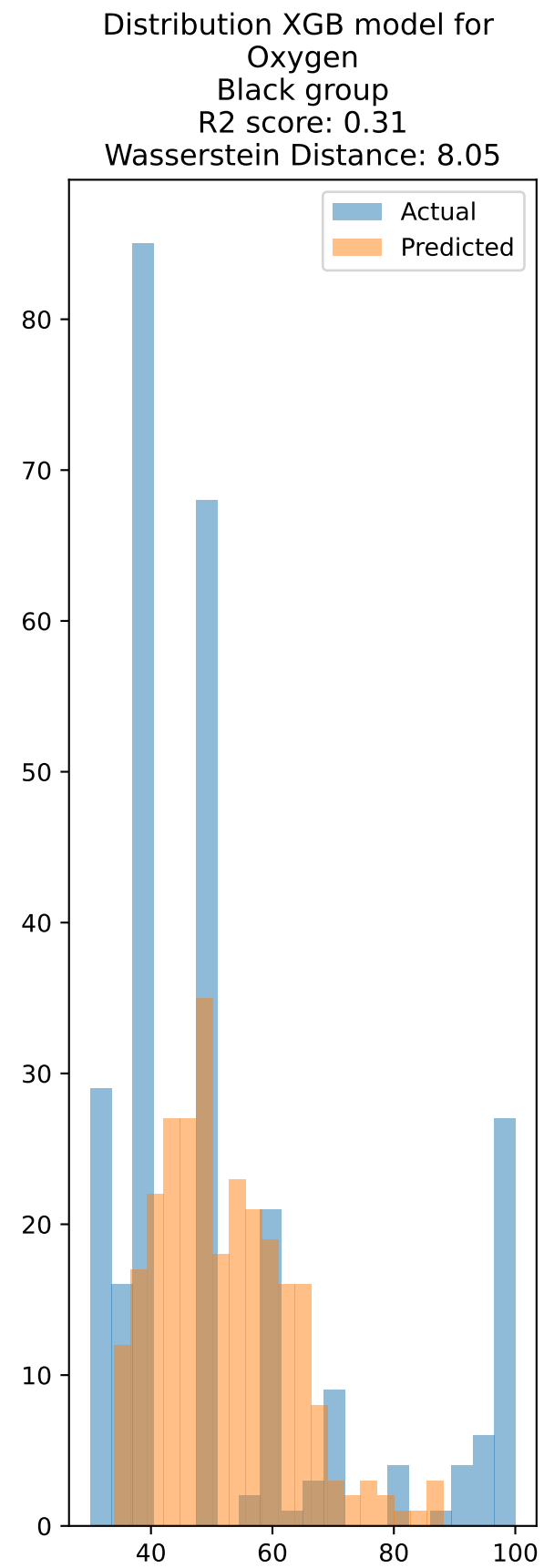
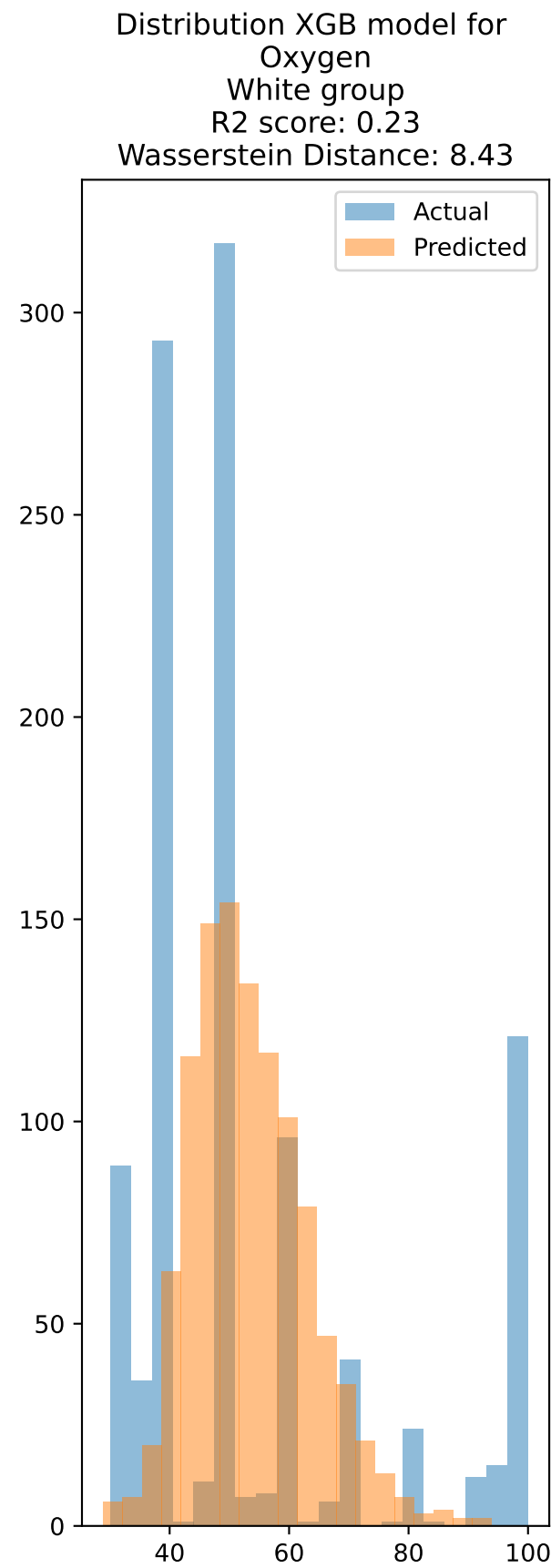


Distribution XGB model for
Uric Acid
Asian group
R2 score: 0.75
Wasserstein Distance: 0.21

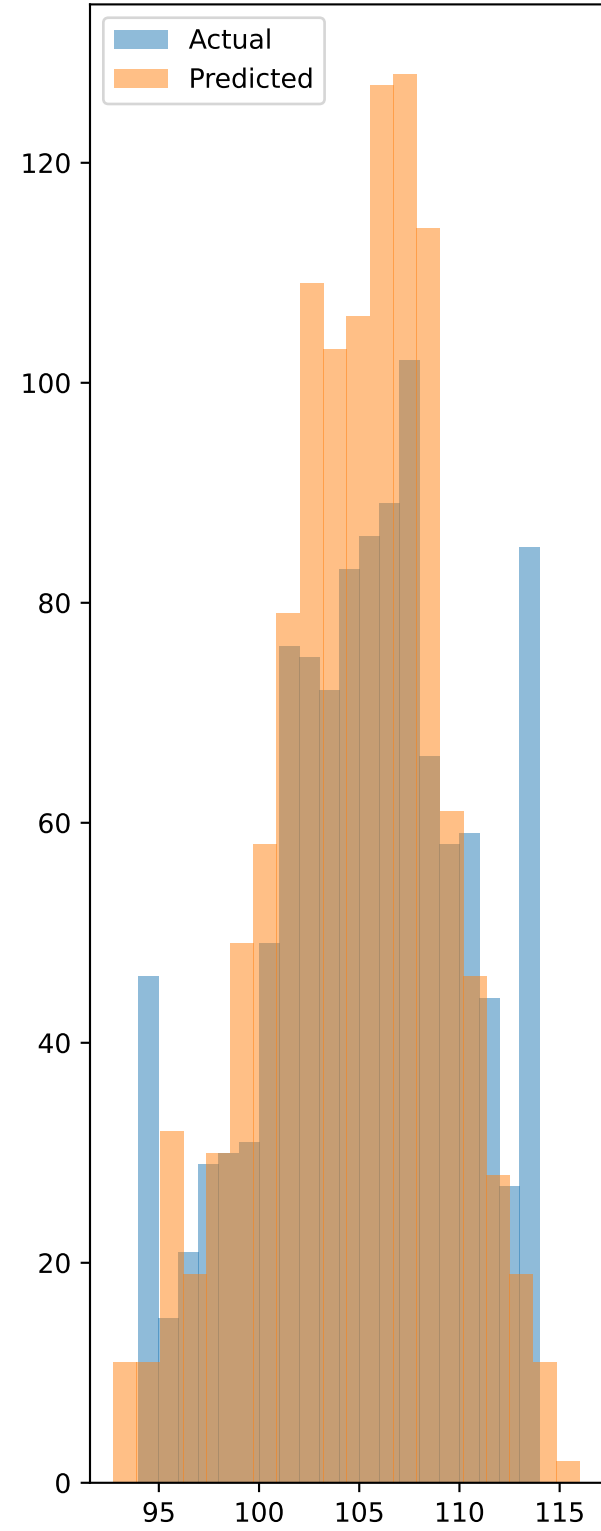


Distribution XGB model for
Uric Acid
Others group
R2 score: 0.67
Wasserstein Distance: 0.21

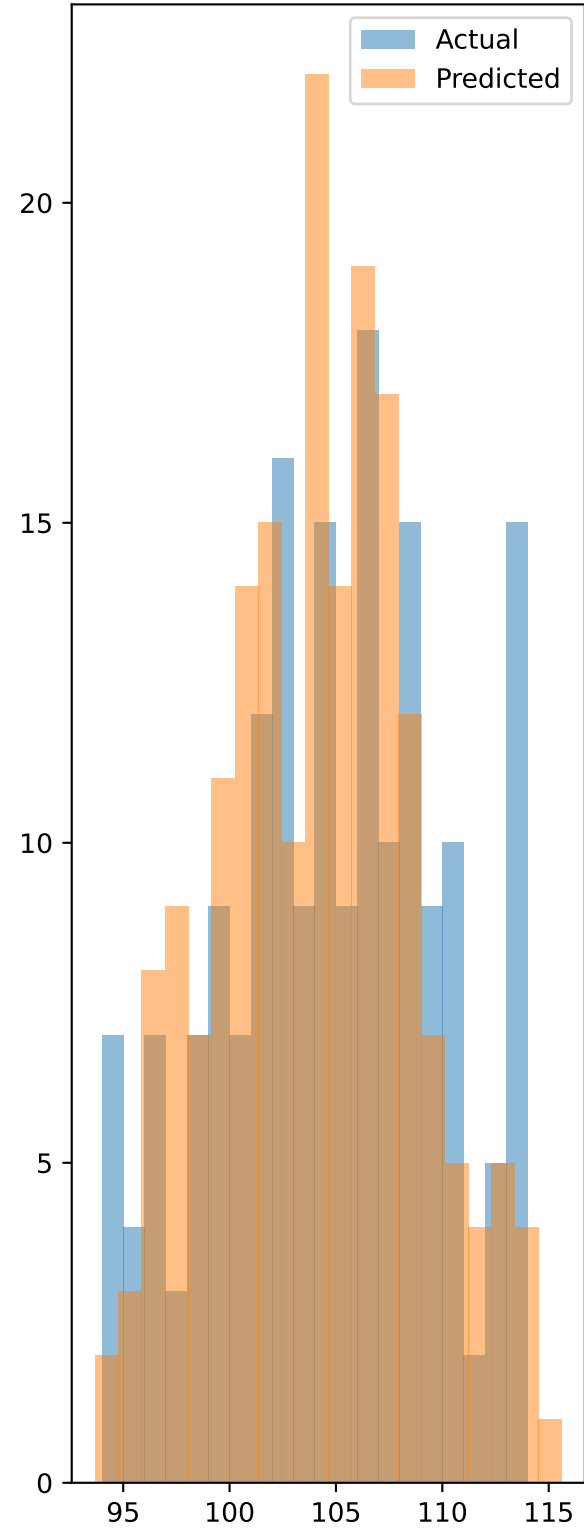




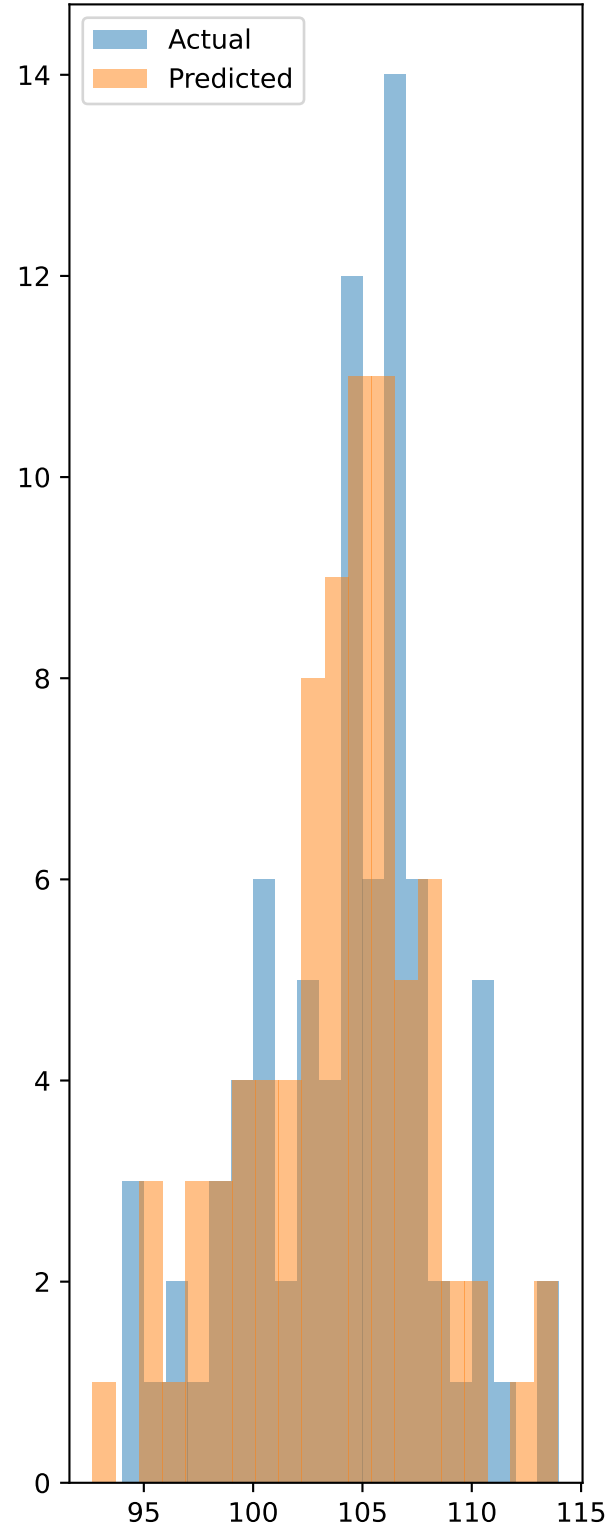
Distribution XGB model for
Chloride, Whole Blood
White group
R2 score: 0.77
Wasserstein Distance: 0.69



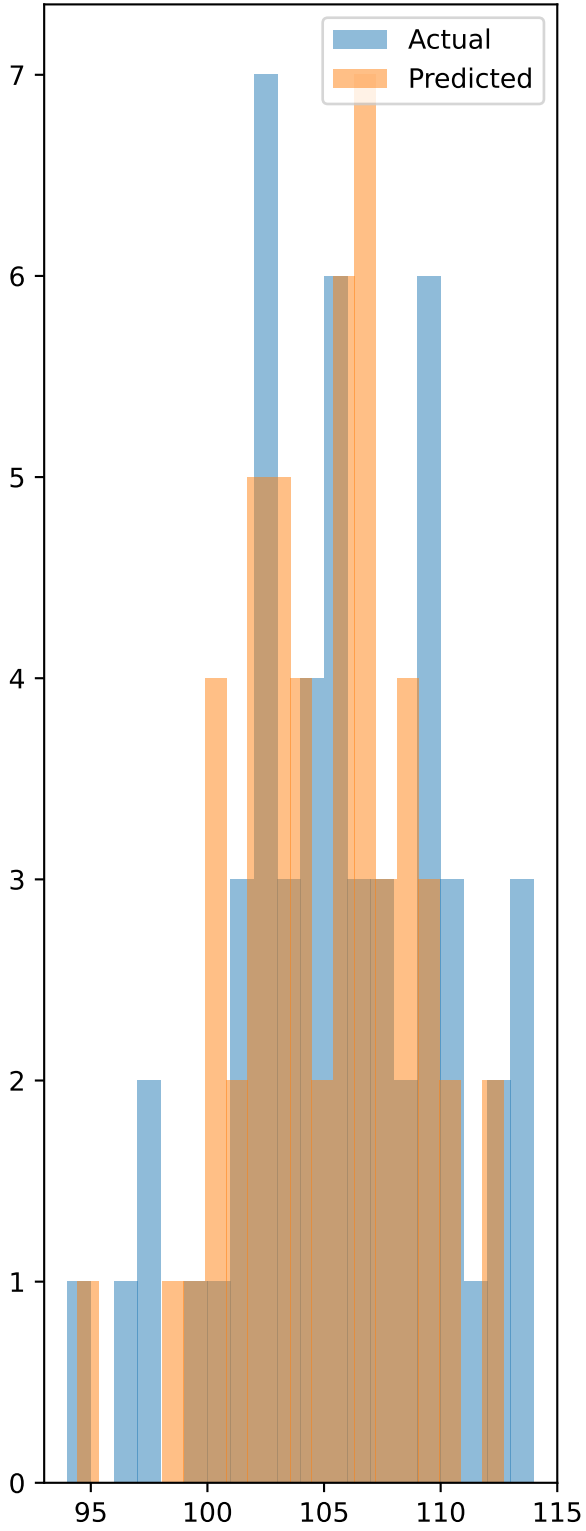
Distribution XGB model for
Chloride, Whole Blood
Black group
R2 score: 0.77
Wasserstein Distance: 0.65



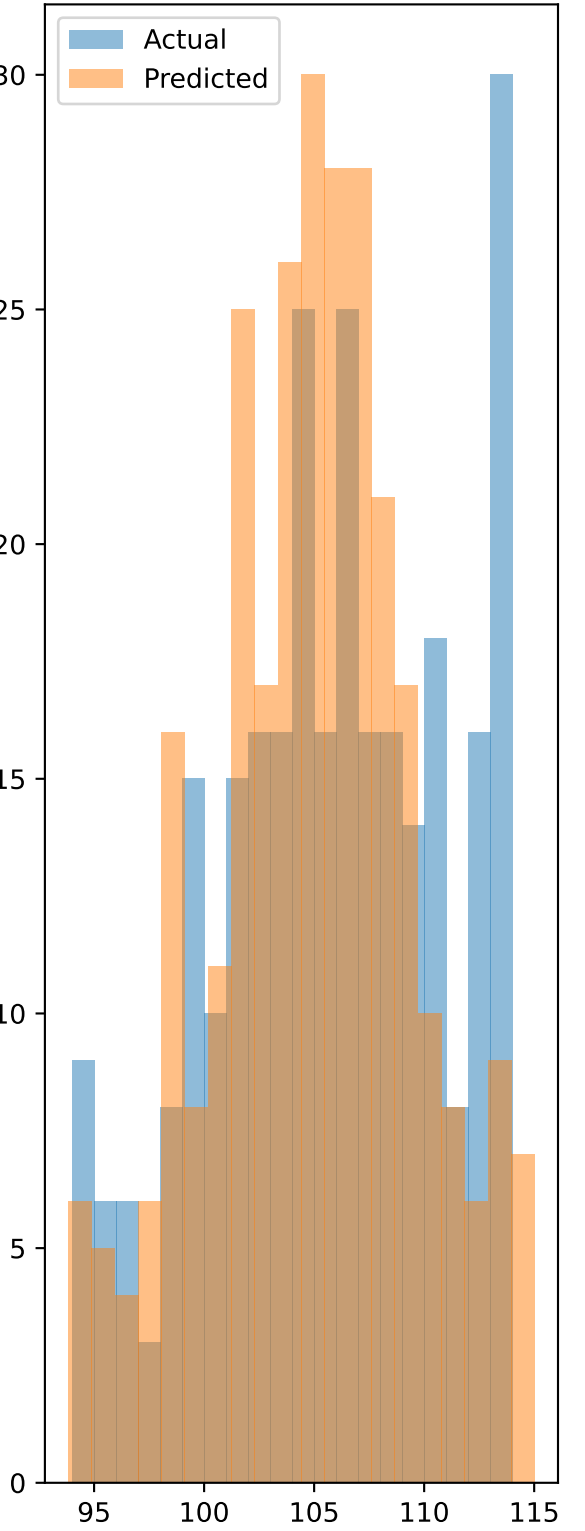
Distribution XGB model for
Chloride, Whole Blood
Hispanic group
R2 score: 0.72
Wasserstein Distance: 0.47



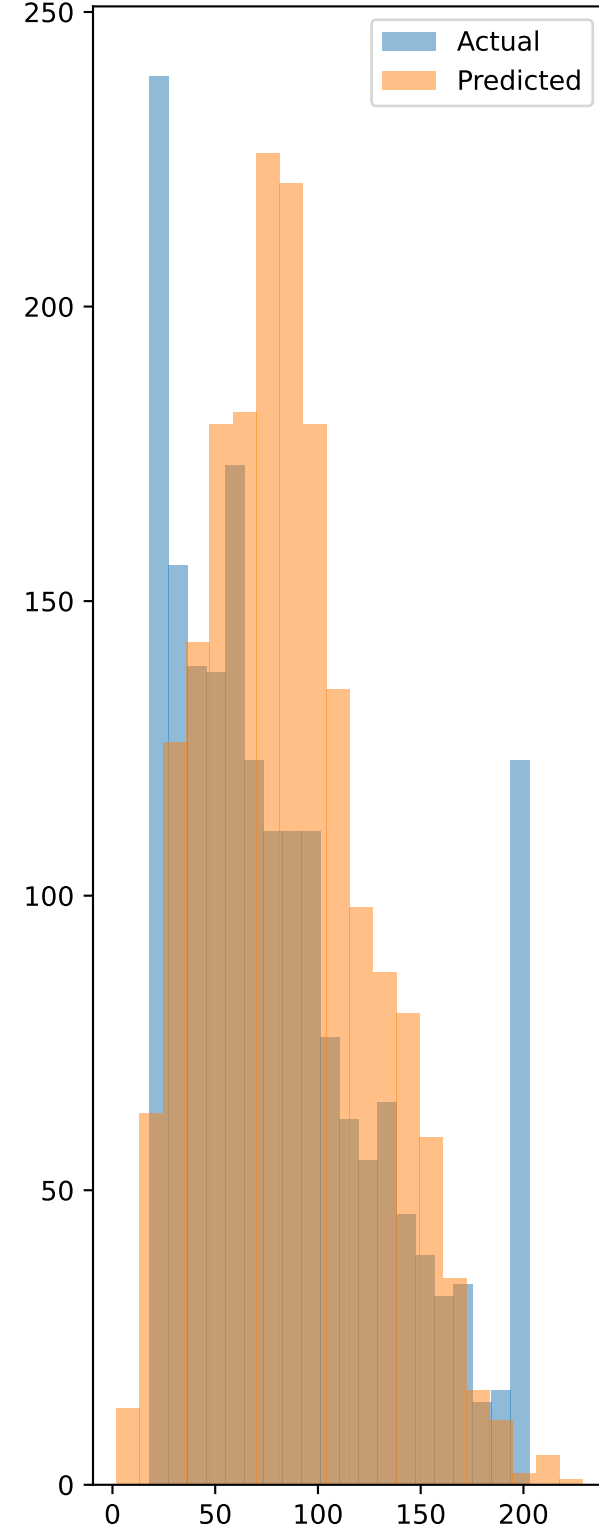
Distribution XGB model for
Chloride, Whole Blood
Asian group
R2 score: 0.63
Wasserstein Distance: 0.86



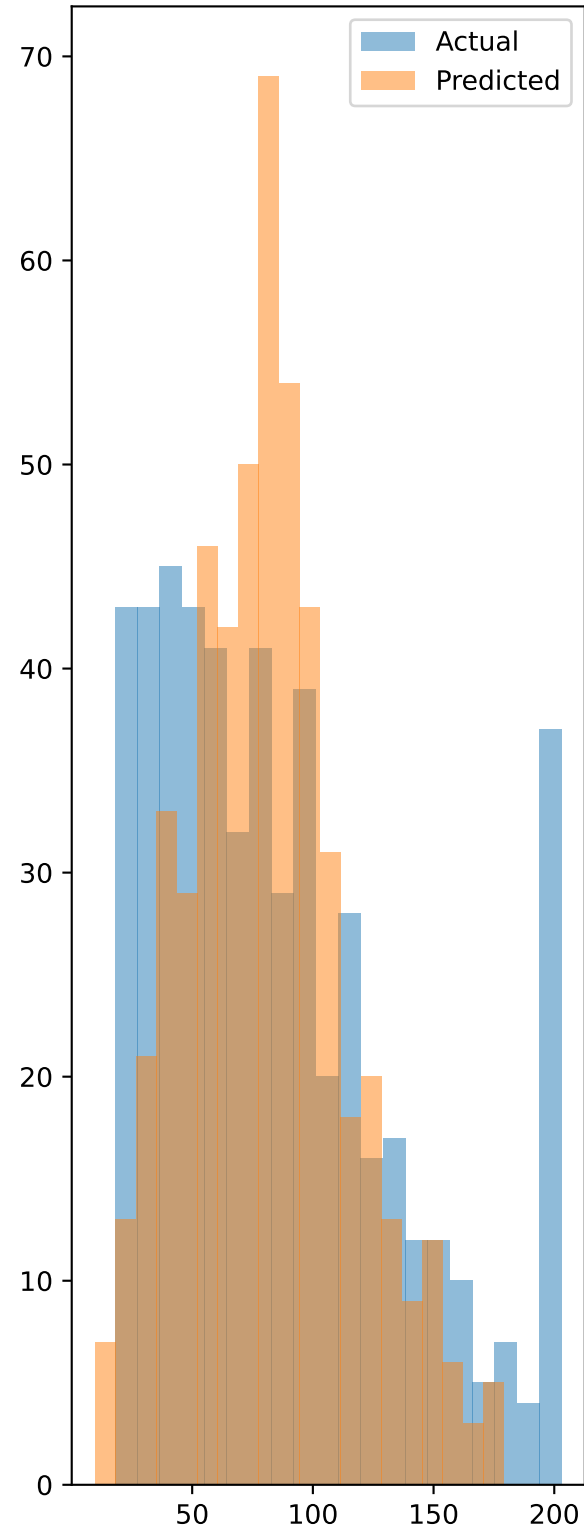
Distribution XGB model for
Chloride, Whole Blood
Others group
R2 score: 0.80
Wasserstein Distance: 0.84



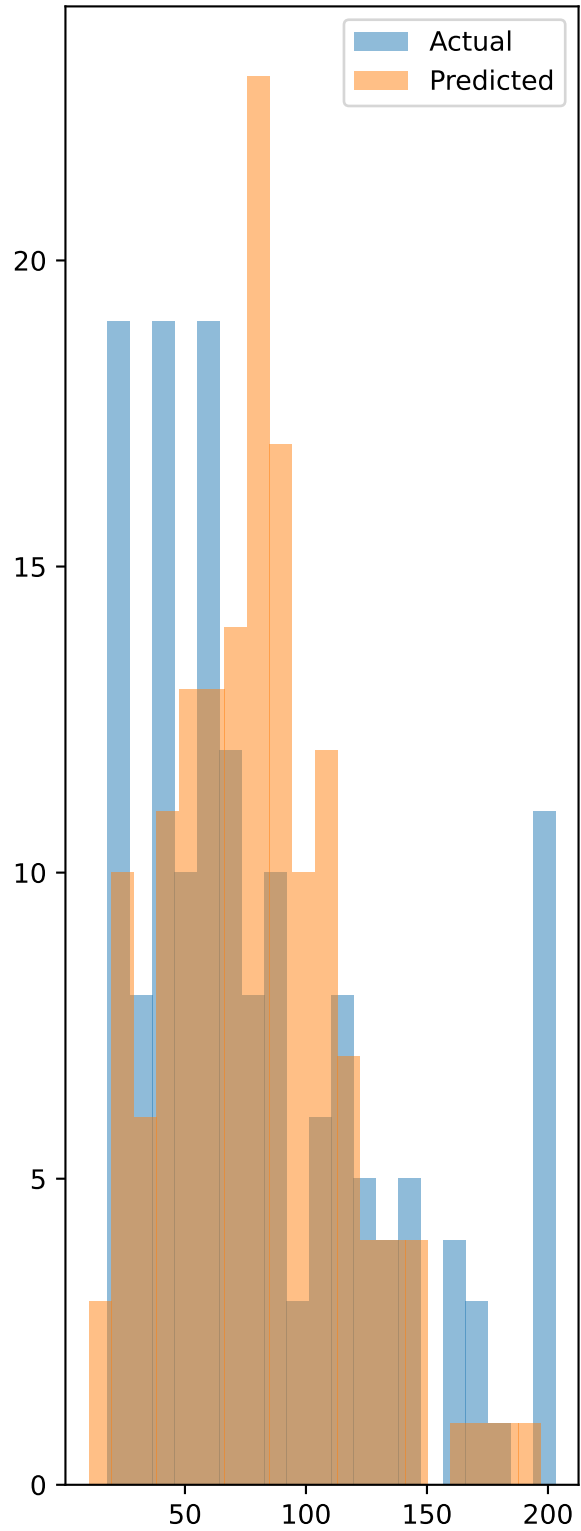
Distribution XGB model for
Creatinine, Urine
White group
R2 score: 0.63
Wasserstein Distance: 12.29



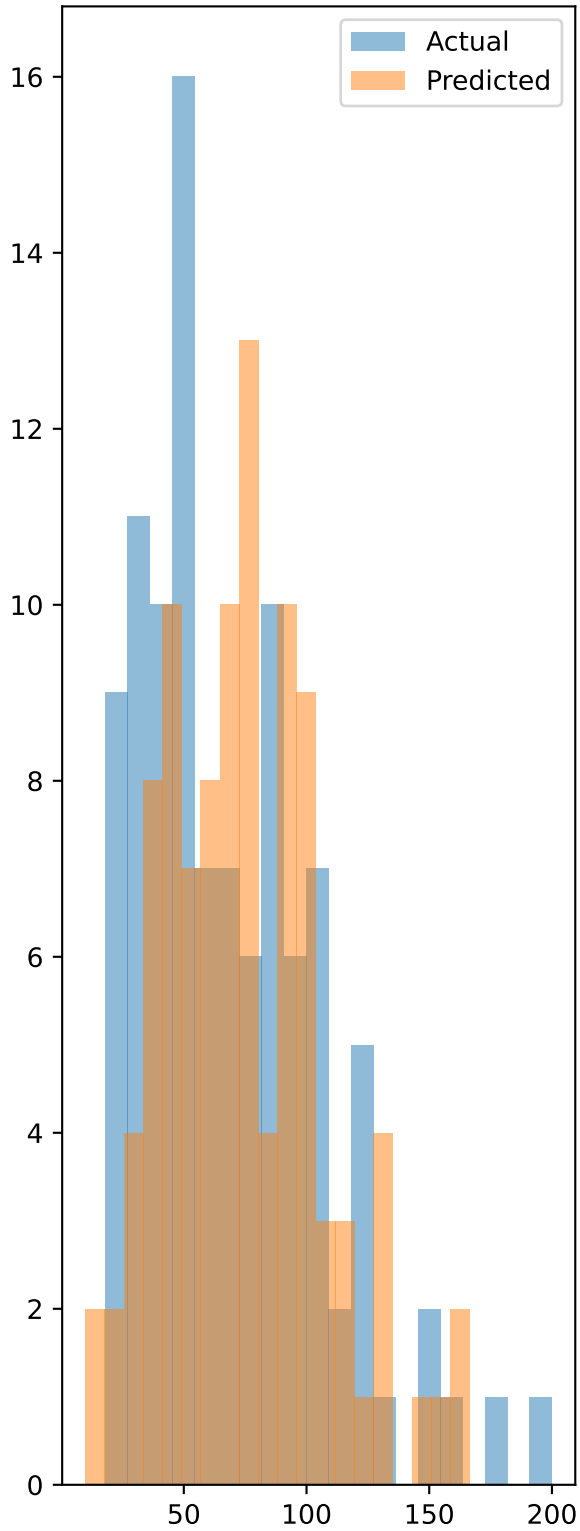
Distribution XGB model for
Creatinine, Urine
Black group
R2 score: 0.53
Wasserstein Distance: 15.06



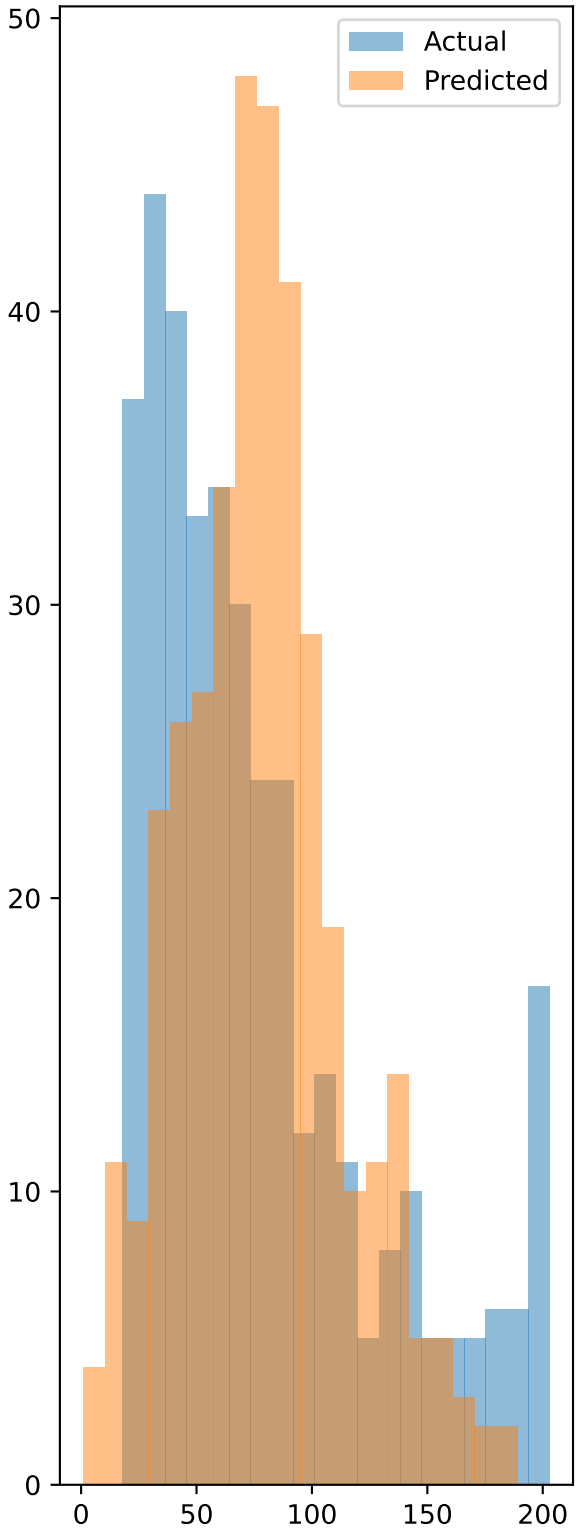
Distribution XGB model for
Creatinine, Urine
Hispanic group
R2 score: 0.54
Wasserstein Distance: 15.61



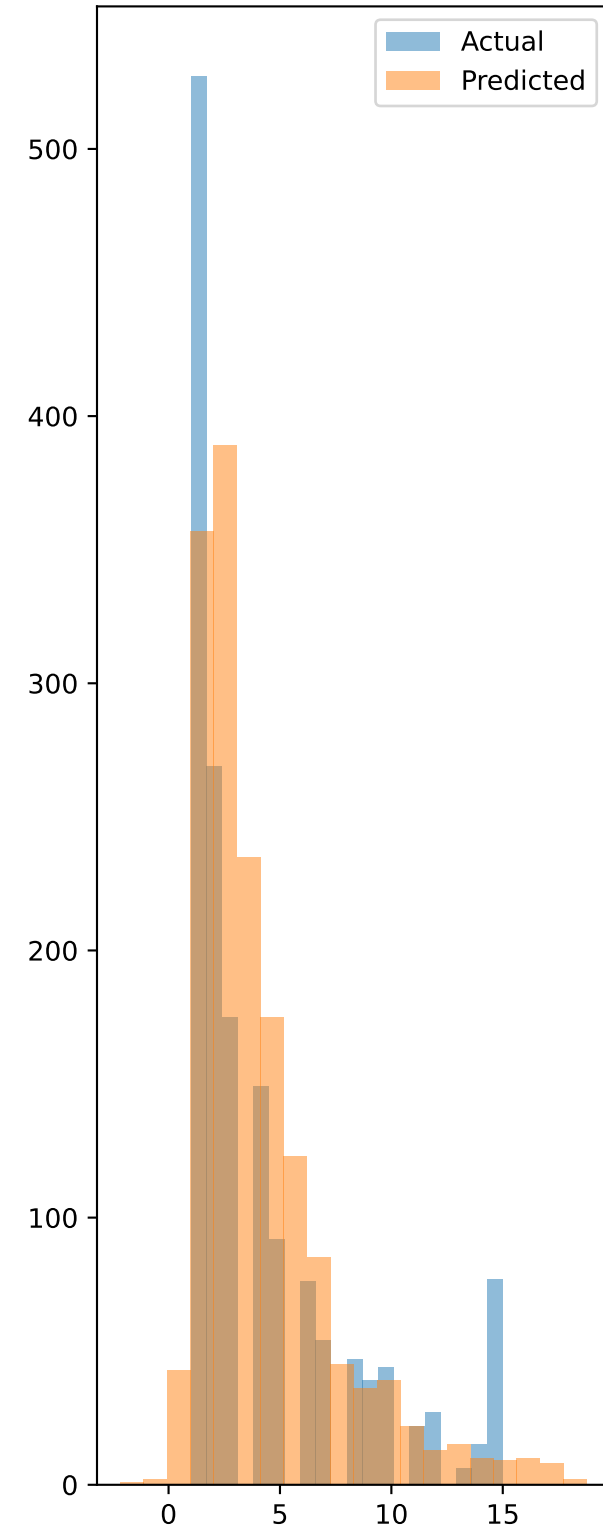
Distribution XGB model for
Creatinine, Urine
Asian group
R2 score: 0.63
Wasserstein Distance: 7.39



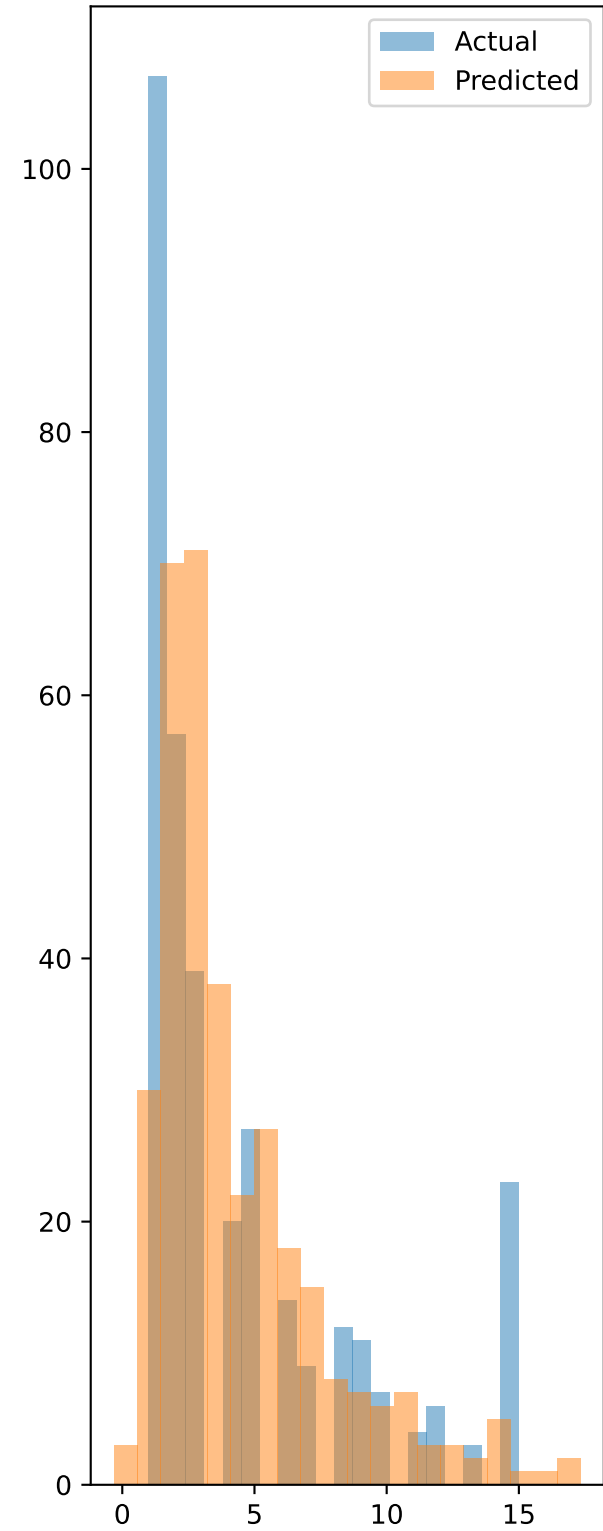
Distribution XGB model for
Creatinine, Urine
Others group
R2 score: 0.50
Wasserstein Distance: 15.08



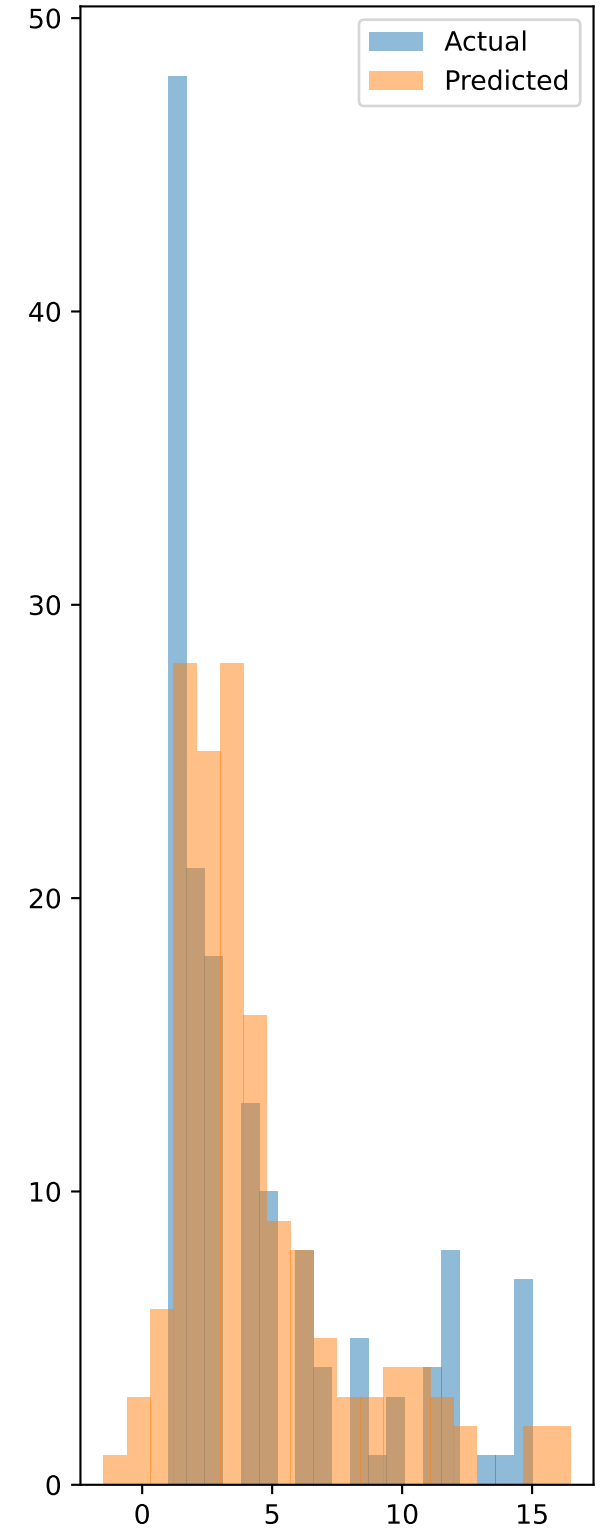
Distribution XGB model for
Bands
White group
R2 score: 0.71
Wasserstein Distance: 0.80



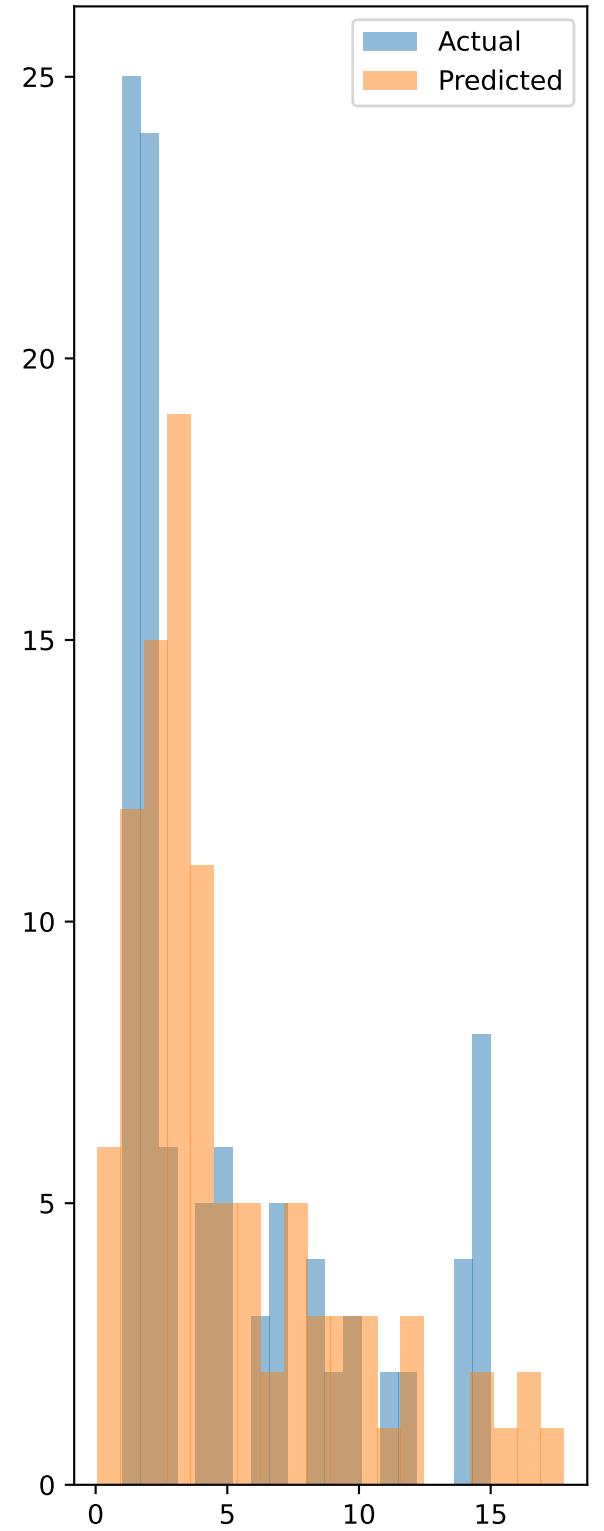
Distribution XGB model for
Bands
Black group
R2 score: 0.76
Wasserstein Distance: 0.85



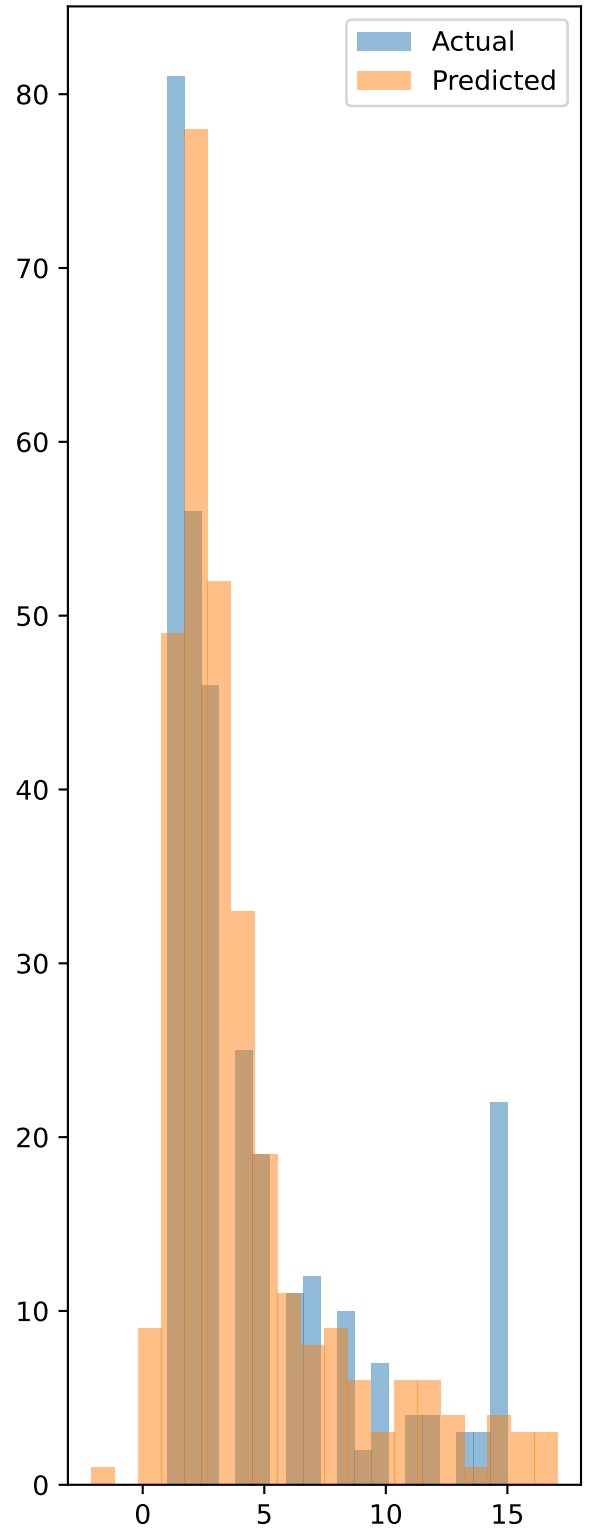
Distribution XGB model for
Bands
Hispanic group
R2 score: 0.76
Wasserstein Distance: 0.85



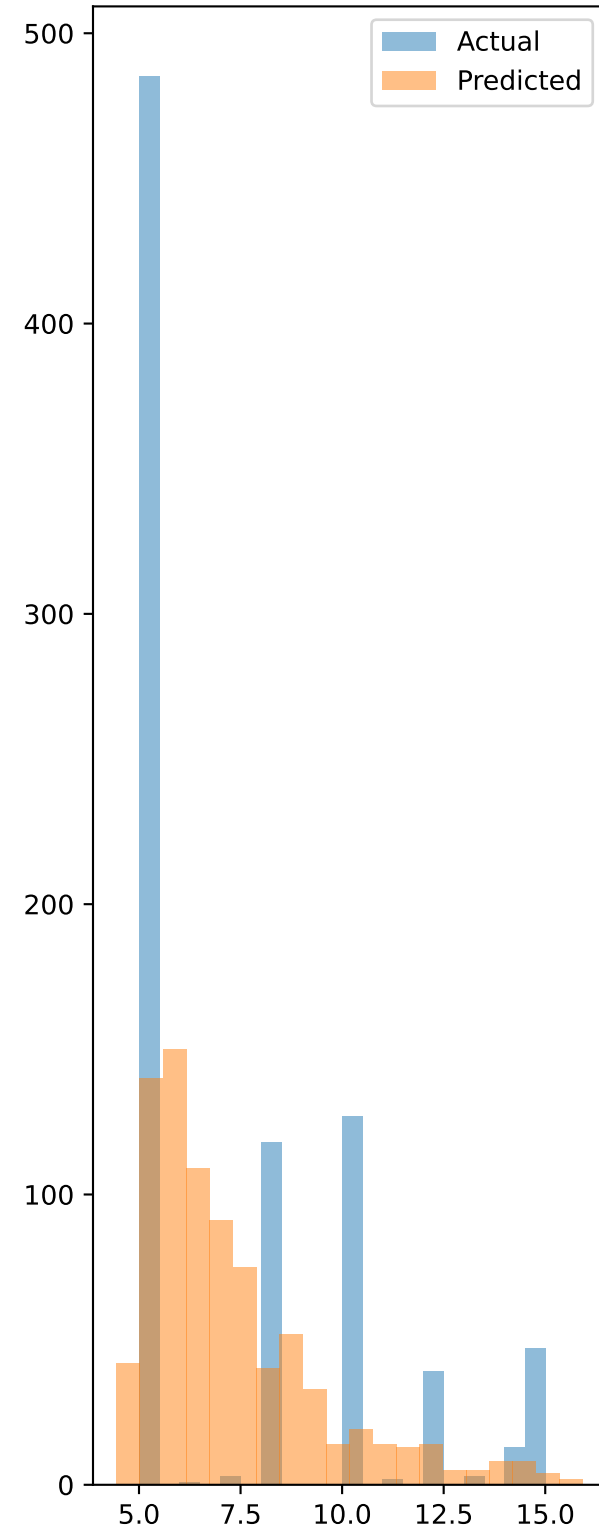
Distribution XGB model for
Bands
Asian group
R2 score: 0.73
Wasserstein Distance: 0.96



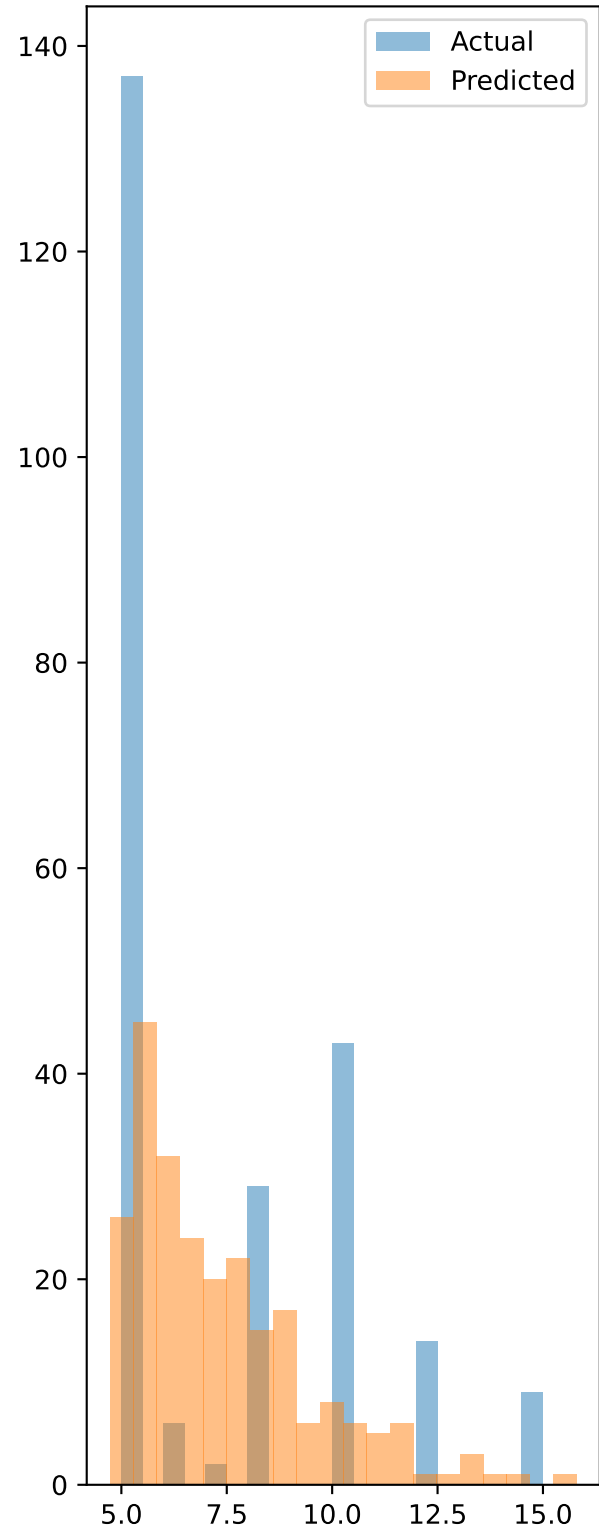
Distribution XGB model for
Bands
Others group
R2 score: 0.79
Wasserstein Distance: 0.71



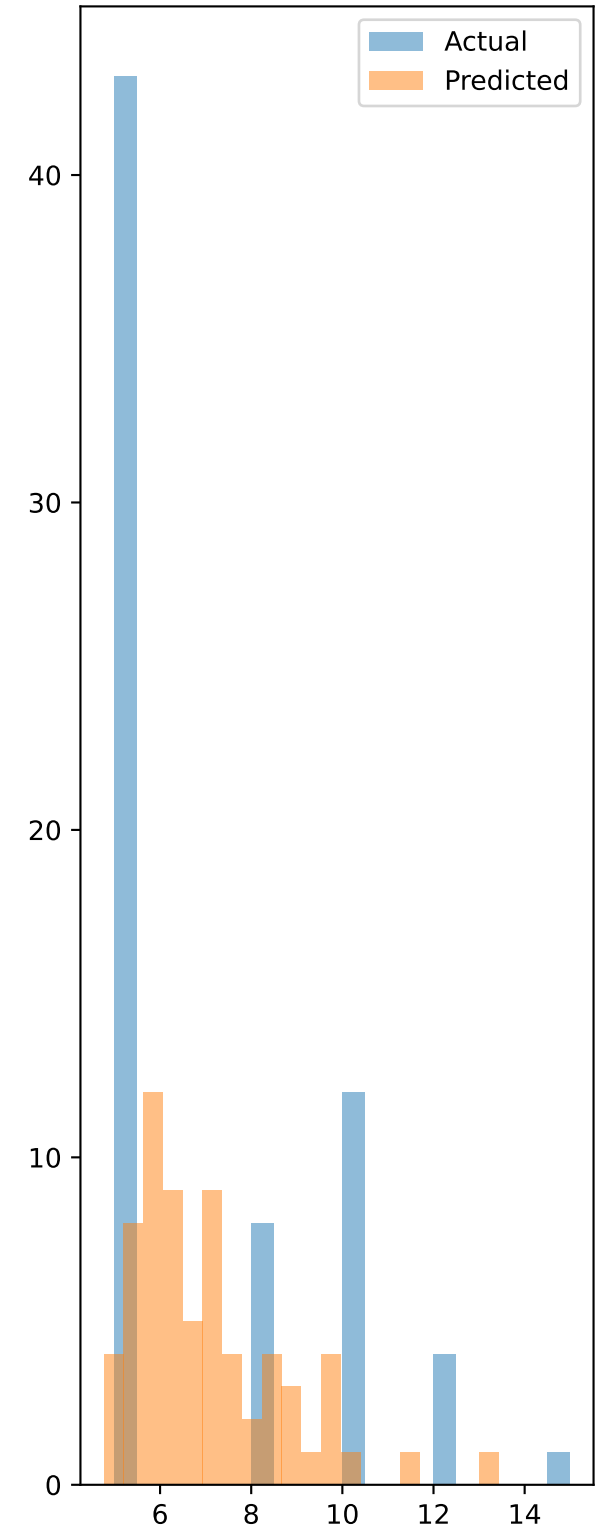
Distribution XGB model for
PEEP
White group
R2 score: 0.46
Wasserstein Distance: 0.99



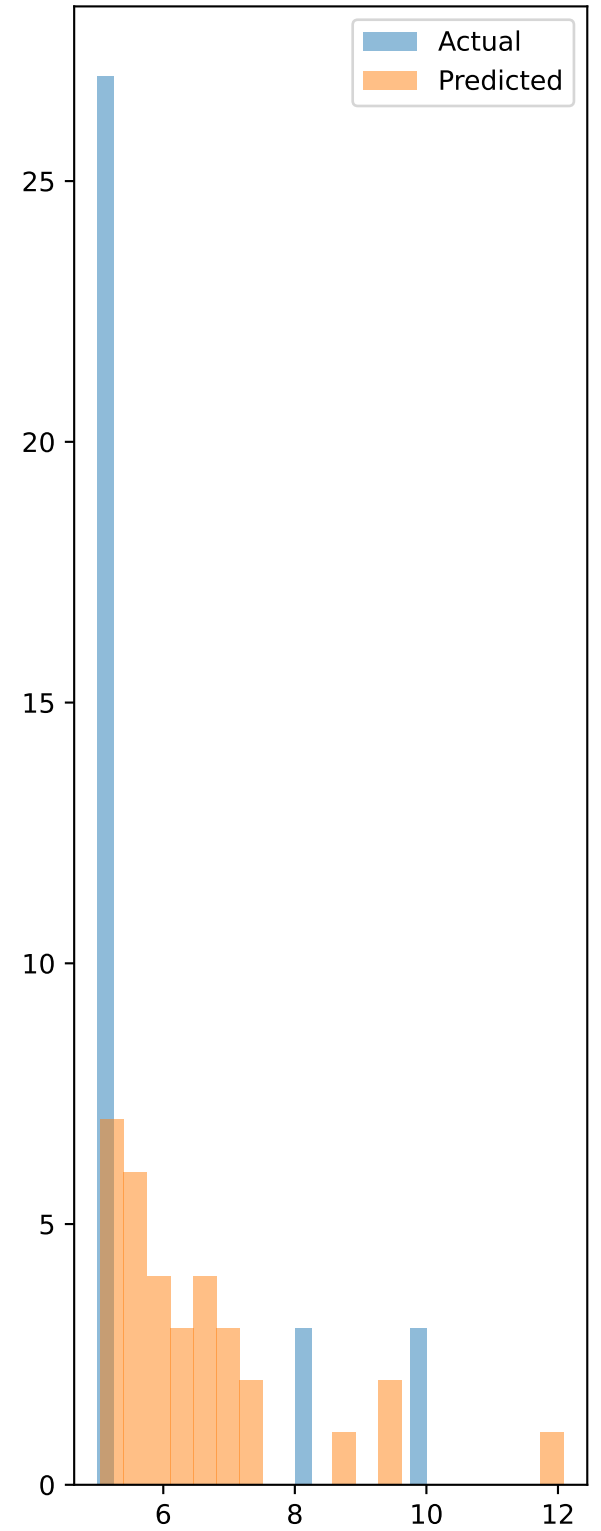
Distribution XGB model for
PEEP
Black group
R2 score: 0.49
Wasserstein Distance: 0.86



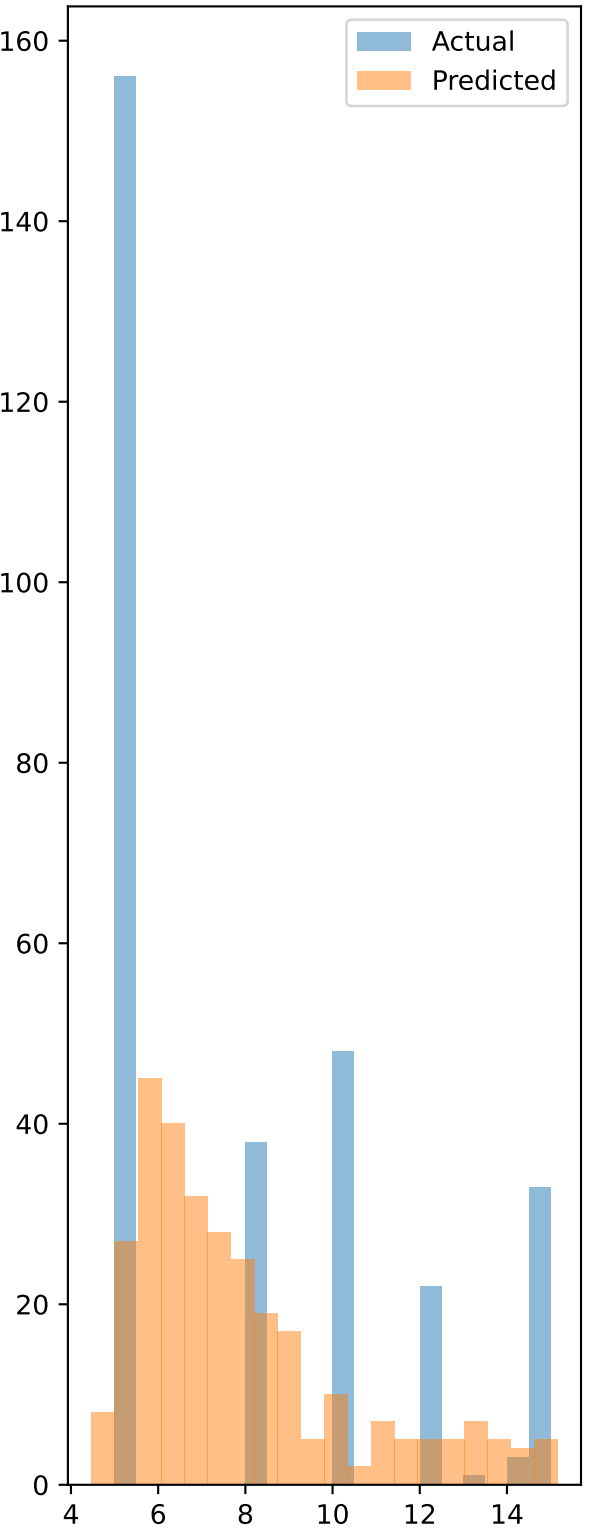
Distribution XGB model for
PEEP
Hispanic group
R2 score: 0.17
Wasserstein Distance: 1.06



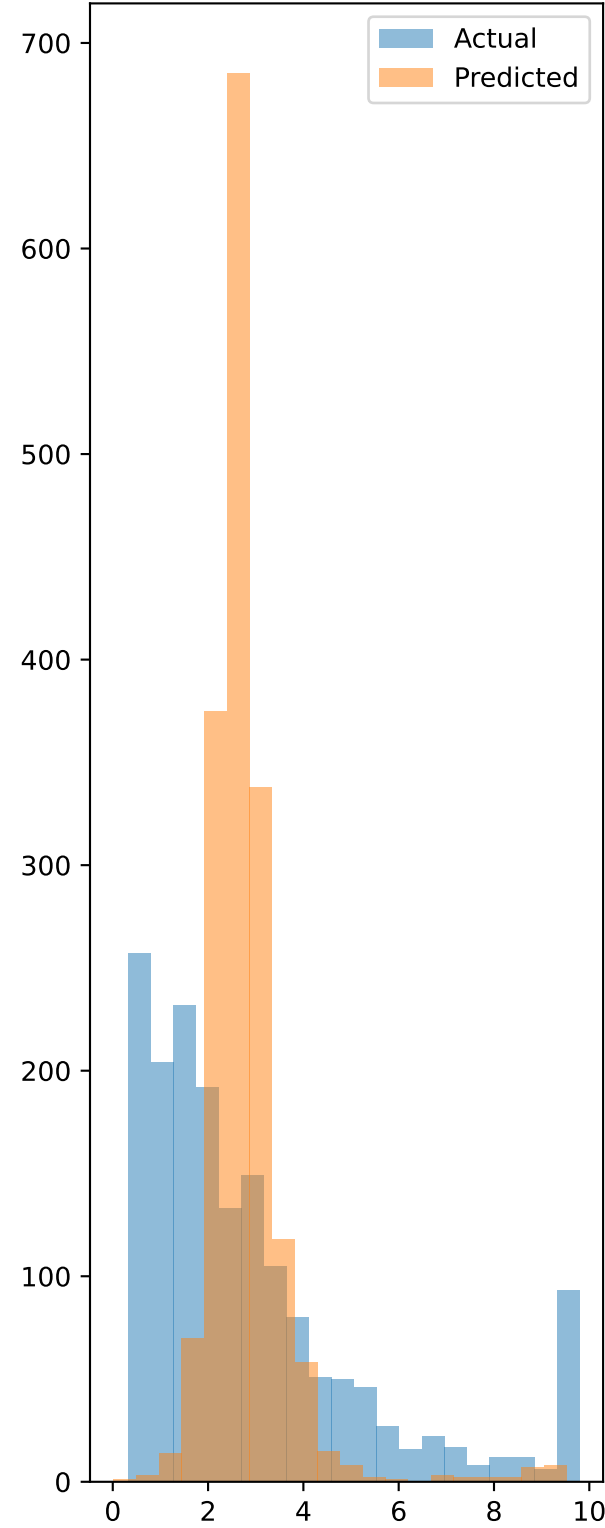
Distribution XGB model for
PEEP
Asian group
R2 score: -0.39
Wasserstein Distance: 0.90



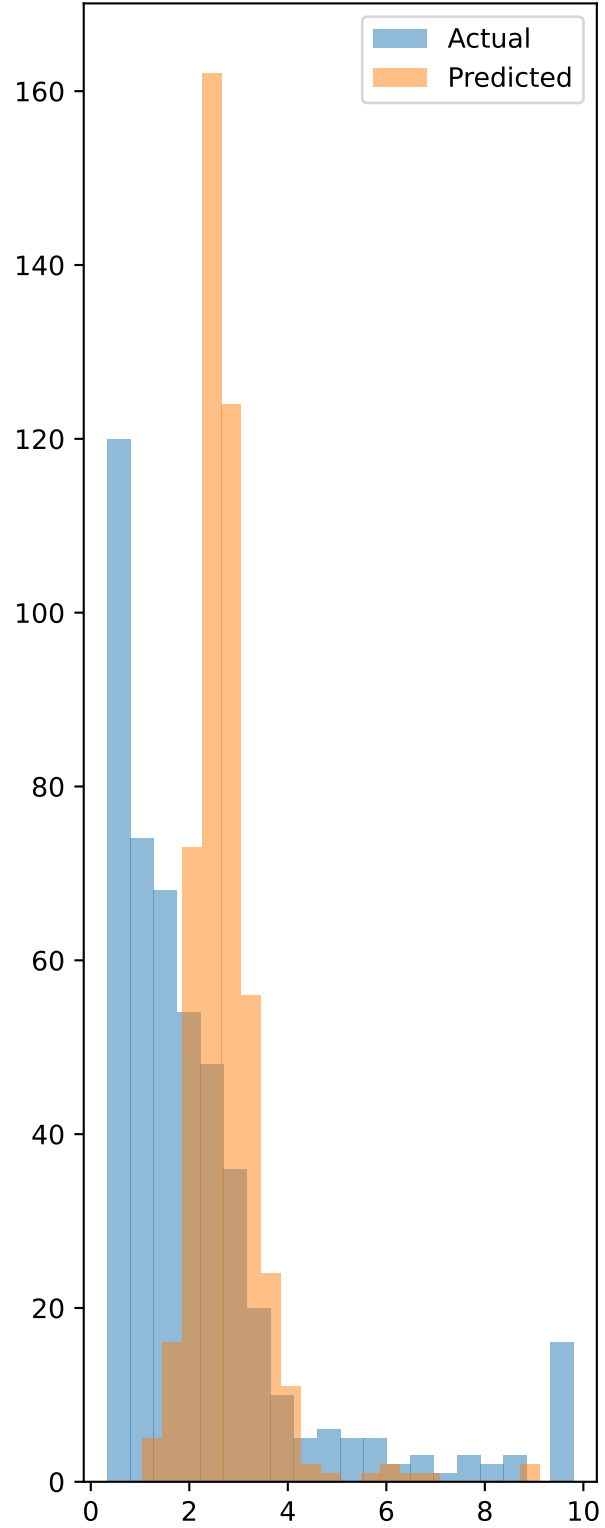
Distribution XGB model for
PEEP
Others group
R2 score: 0.46
Wasserstein Distance: 1.15



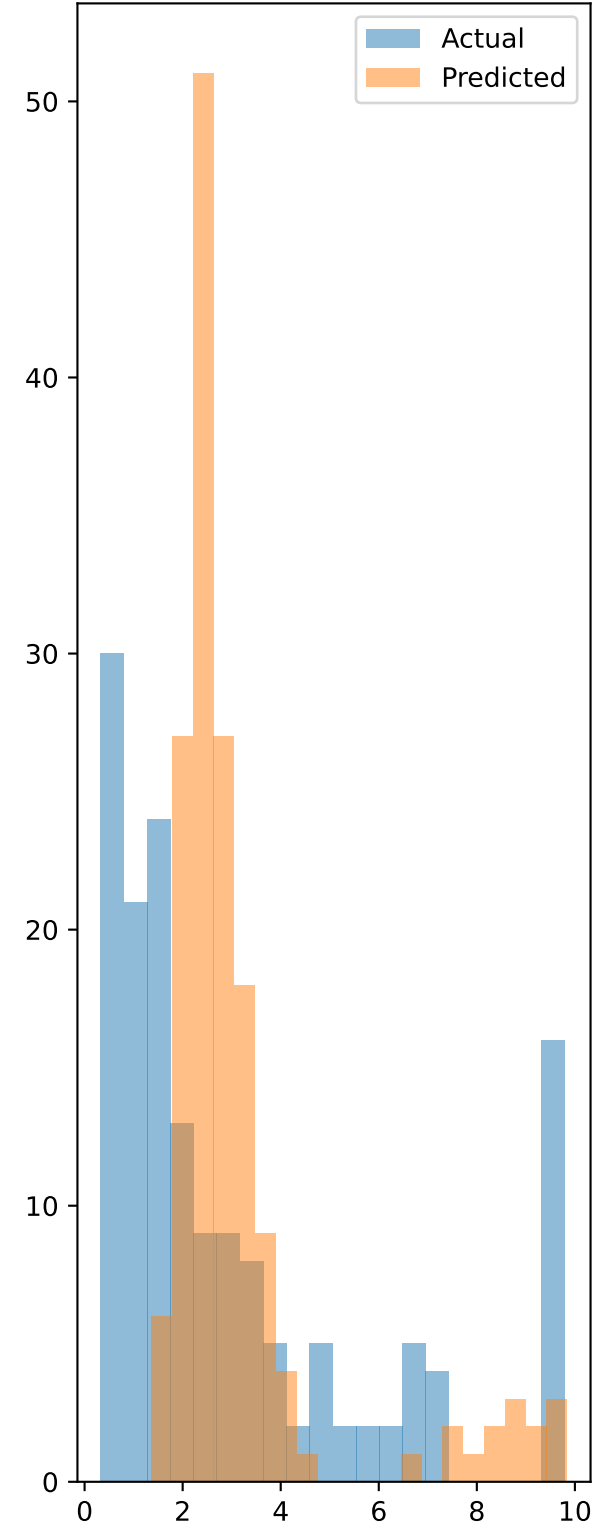
Distribution XGB model for
Thyroid Stimulating Hormone
White group
R2 score: 0.13
Wasserstein Distance: 1.27



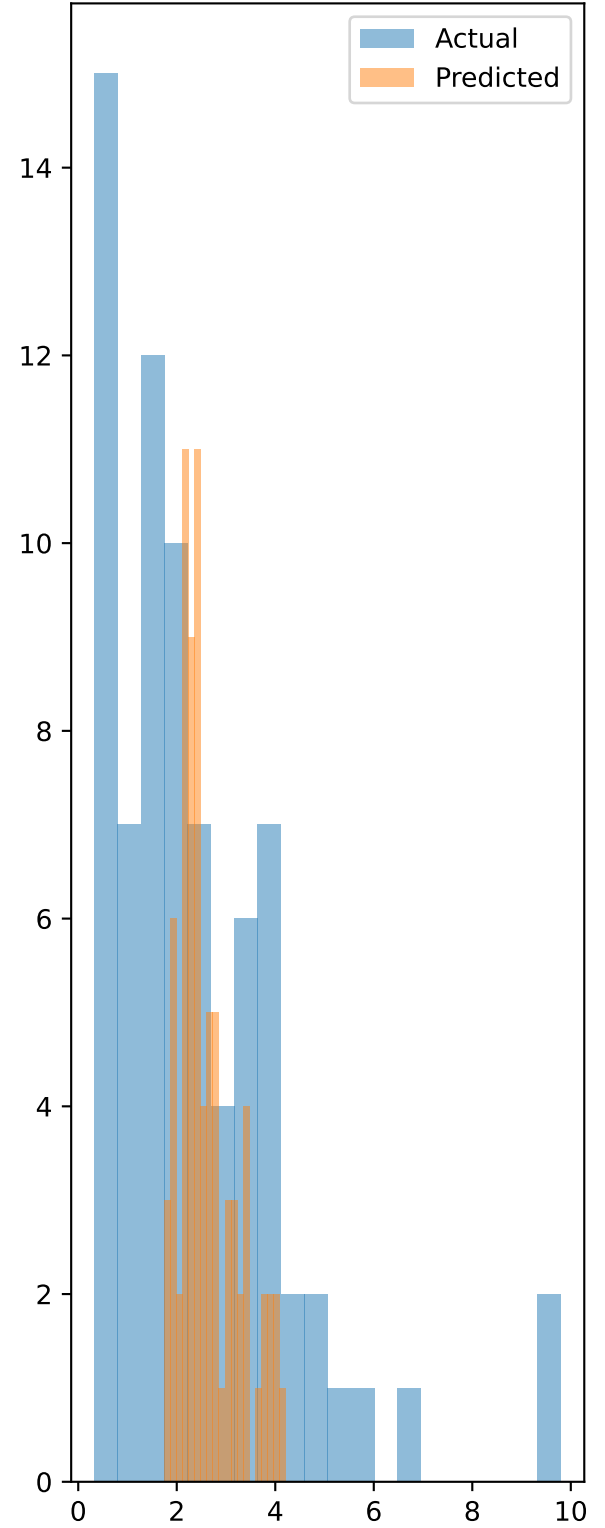
Distribution XGB model for
Thyroid Stimulating Hormone
Black group
R2 score: 0.06
Wasserstein Distance: 1.22



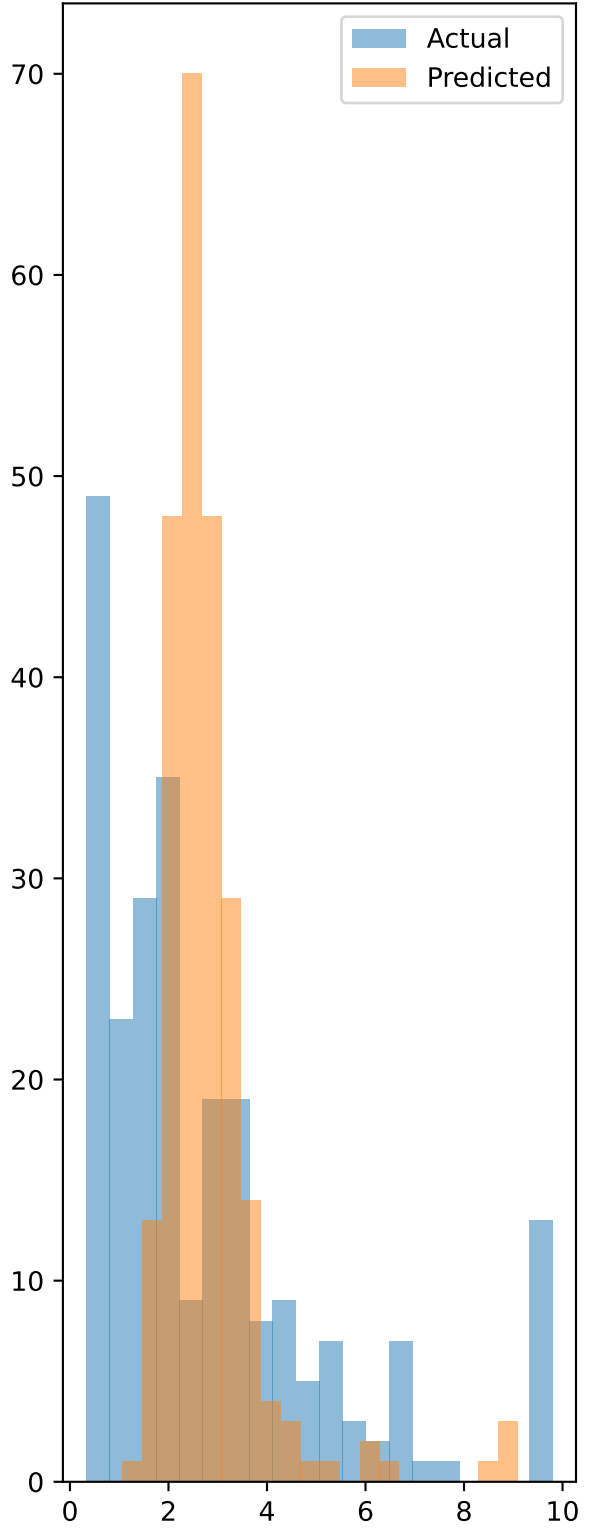
Distribution XGB model for
Thyroid Stimulating Hormone
Hispanic group
R2 score: 0.49
Wasserstein Distance: 1.19

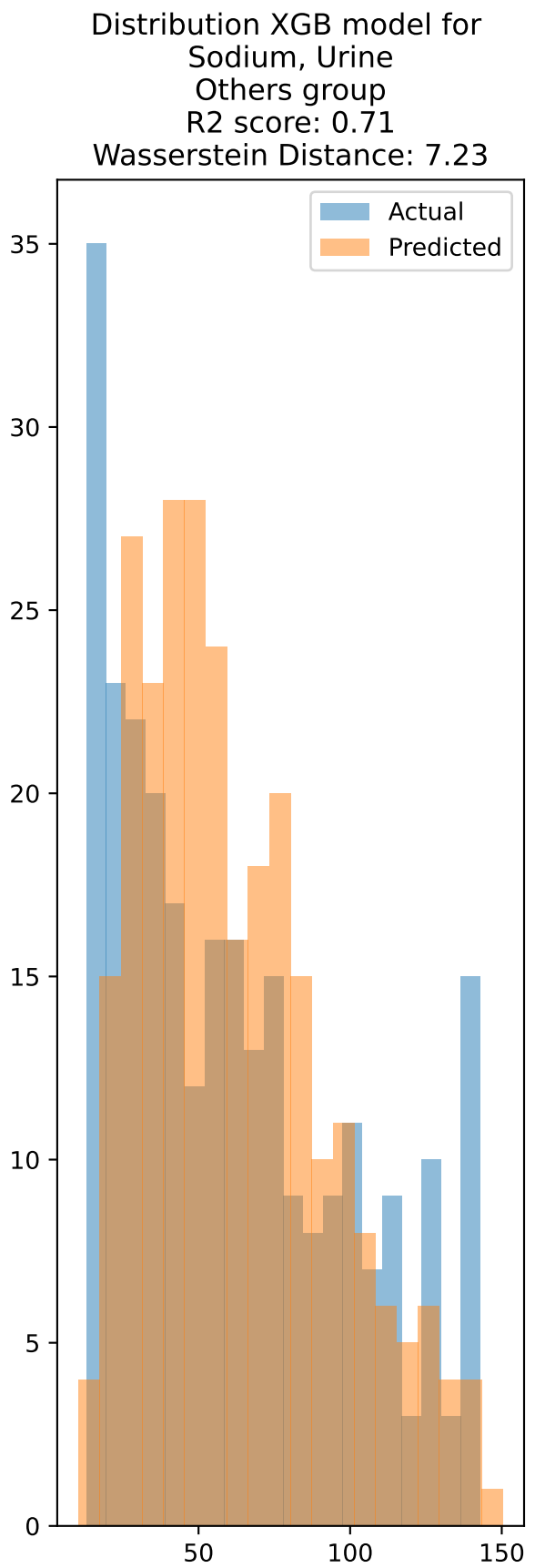
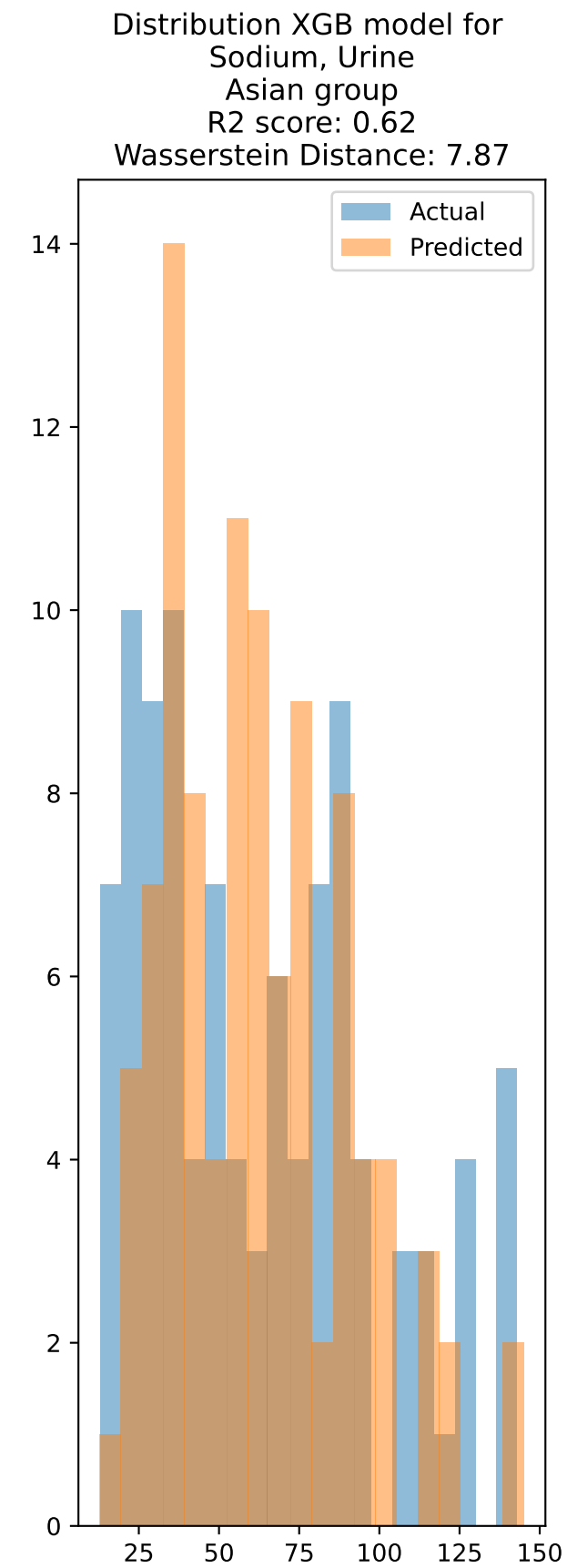
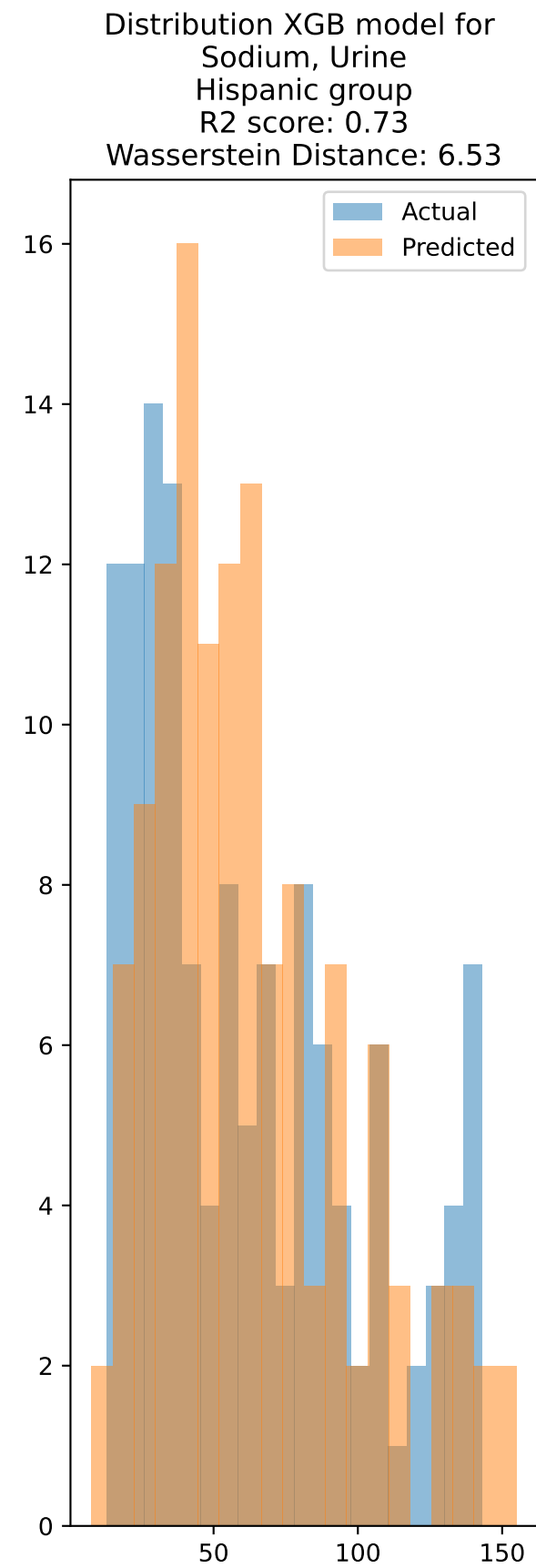
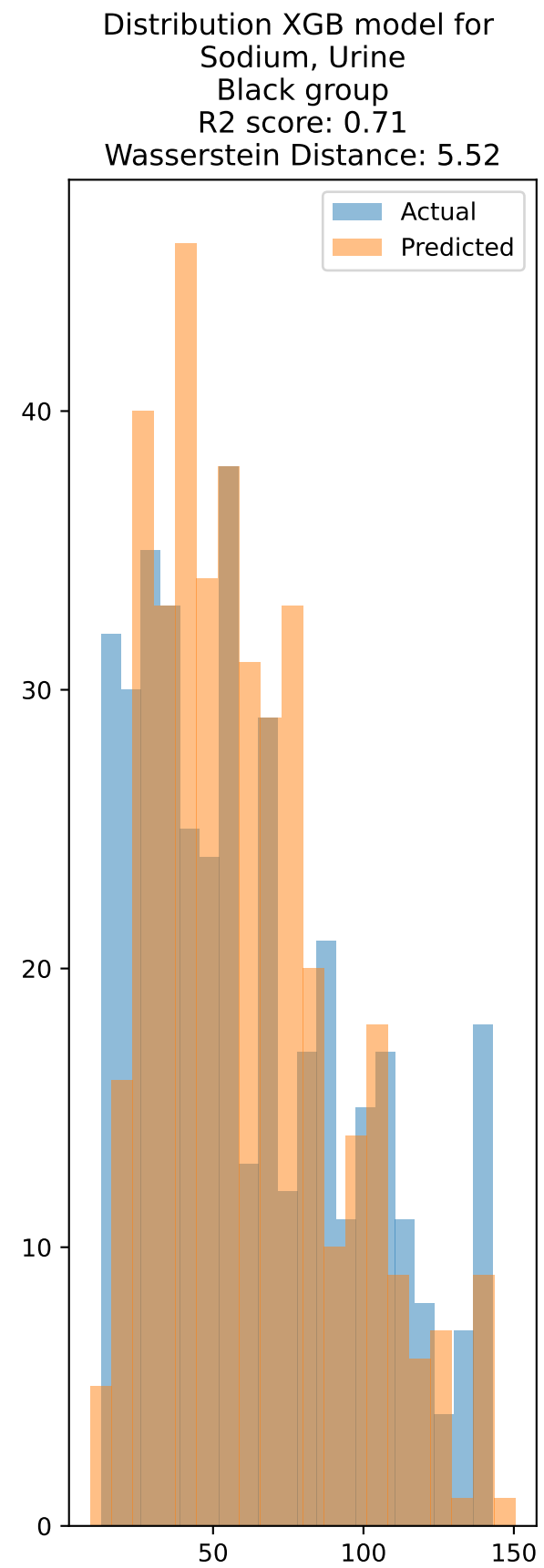
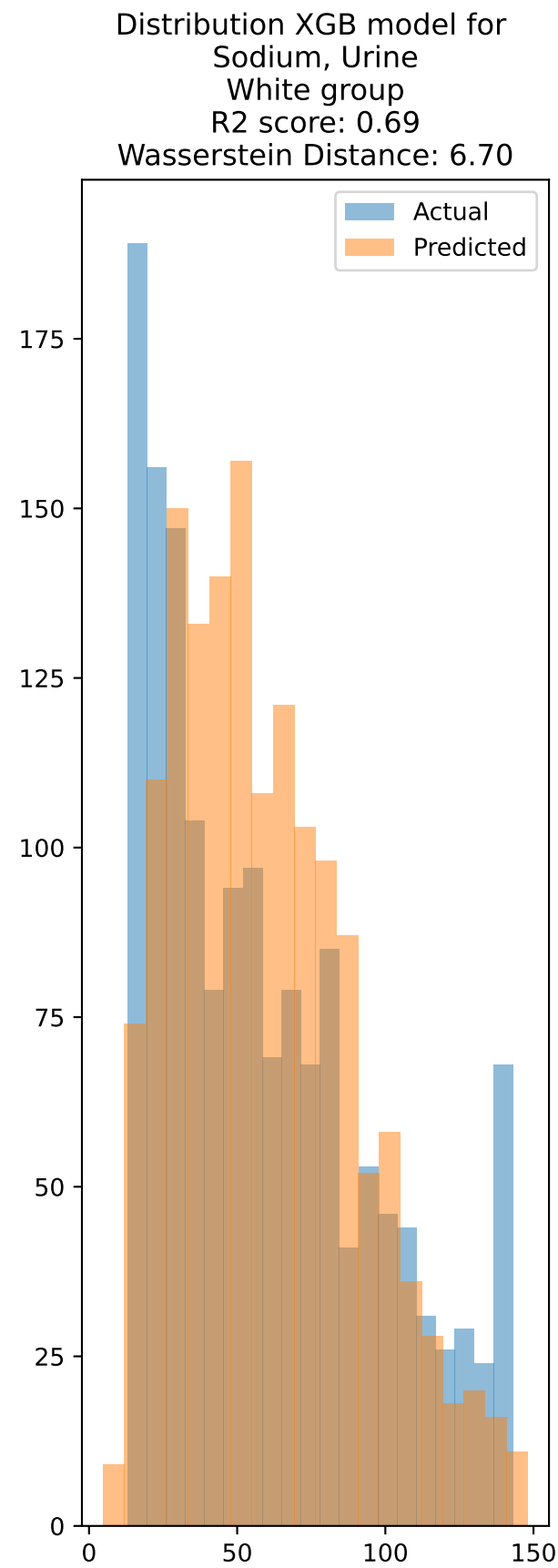


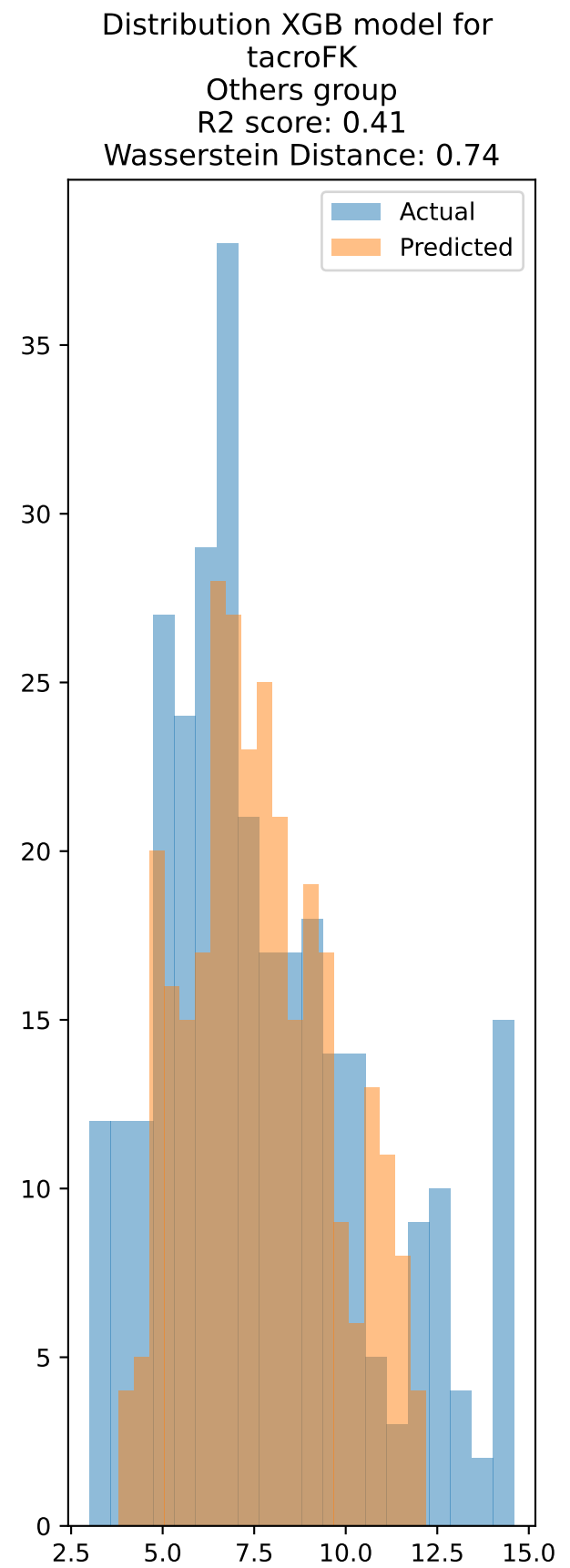
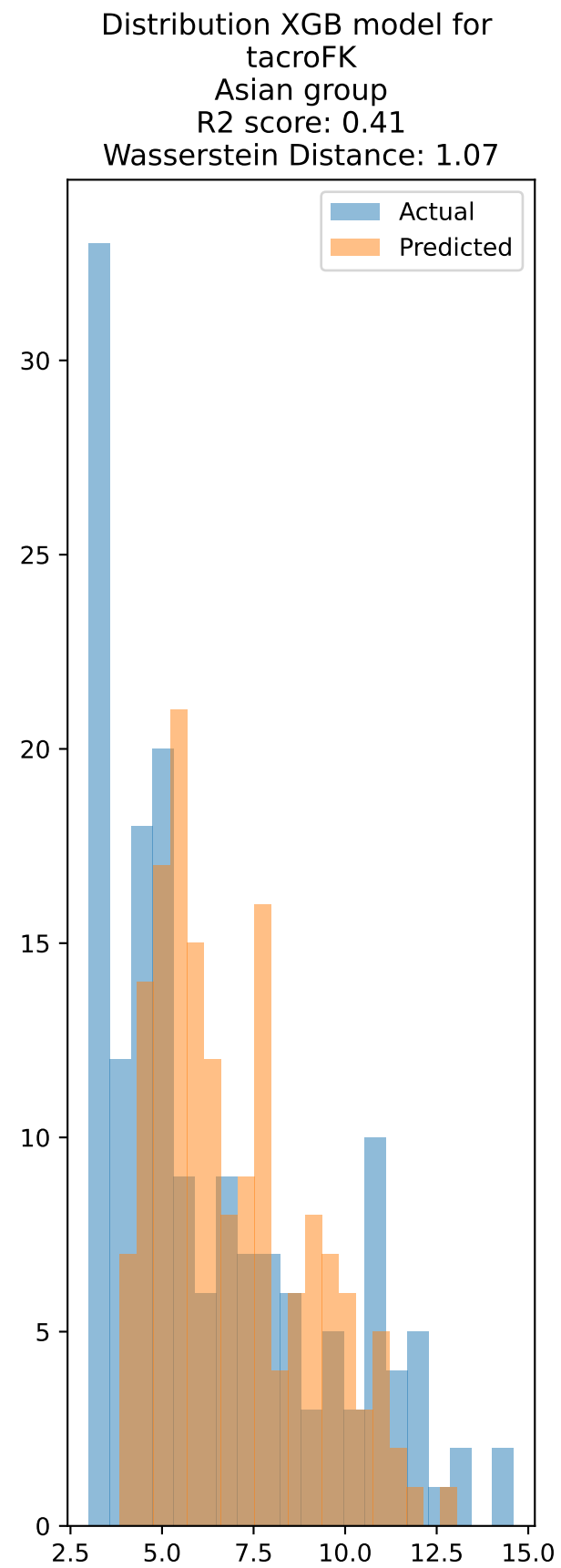
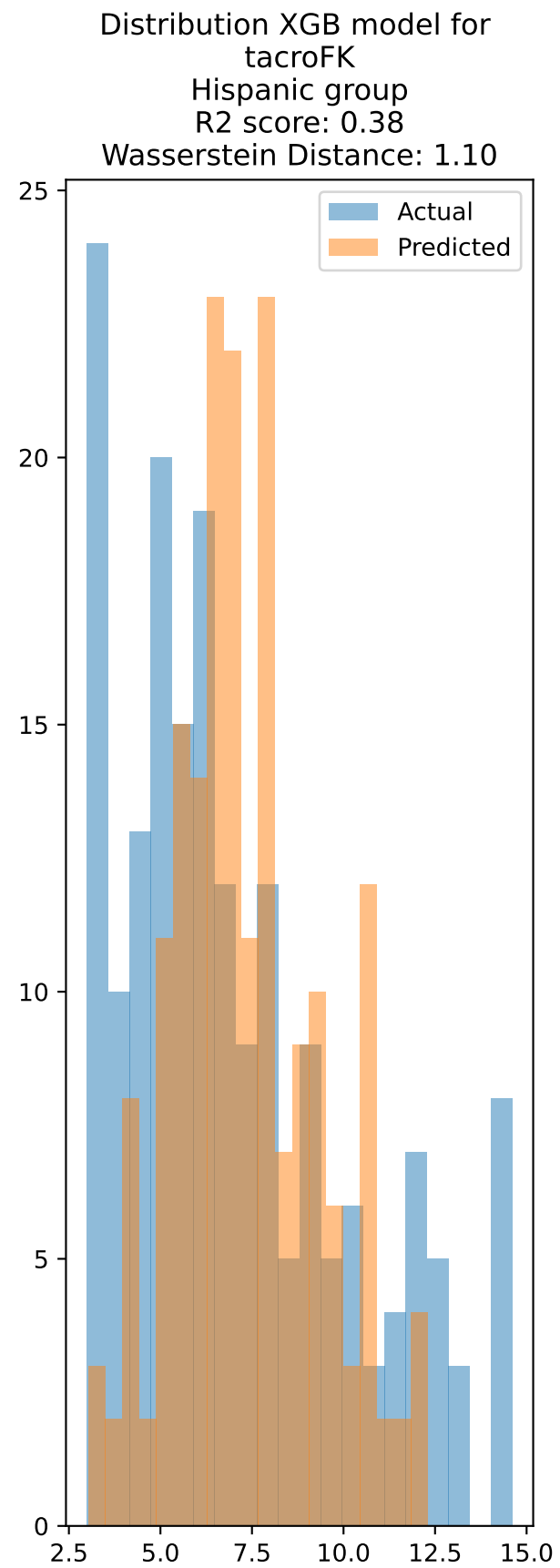
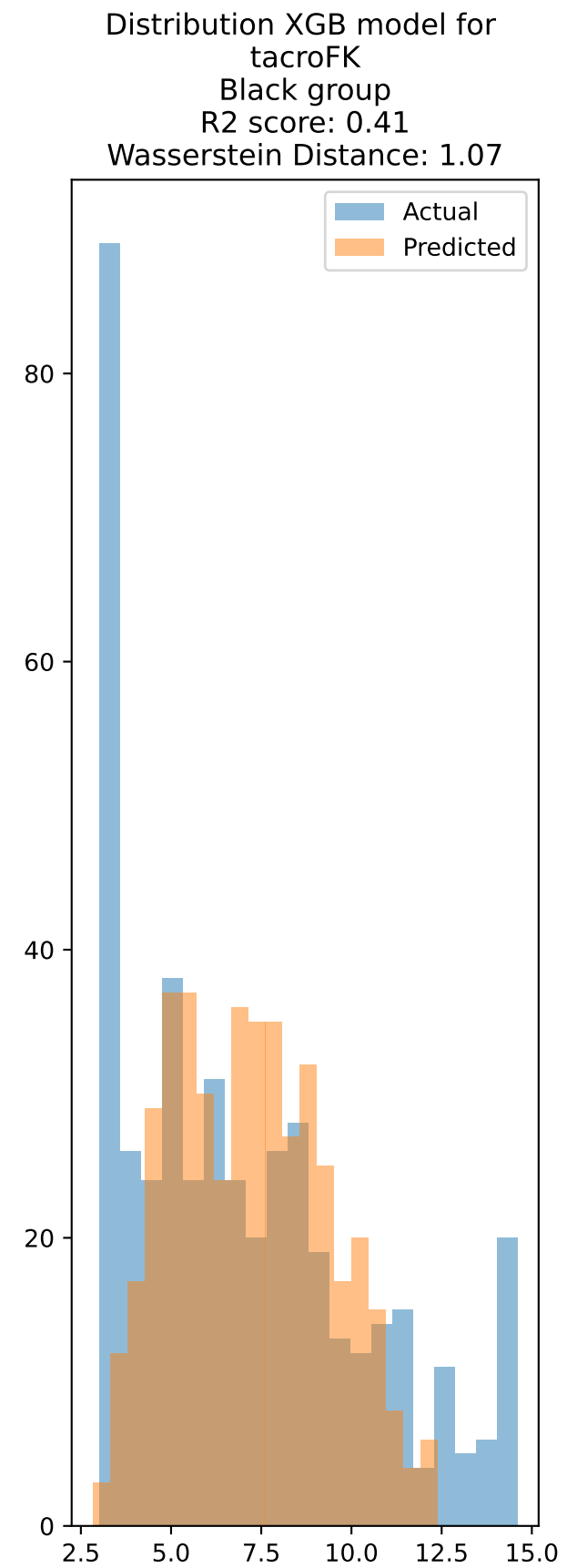
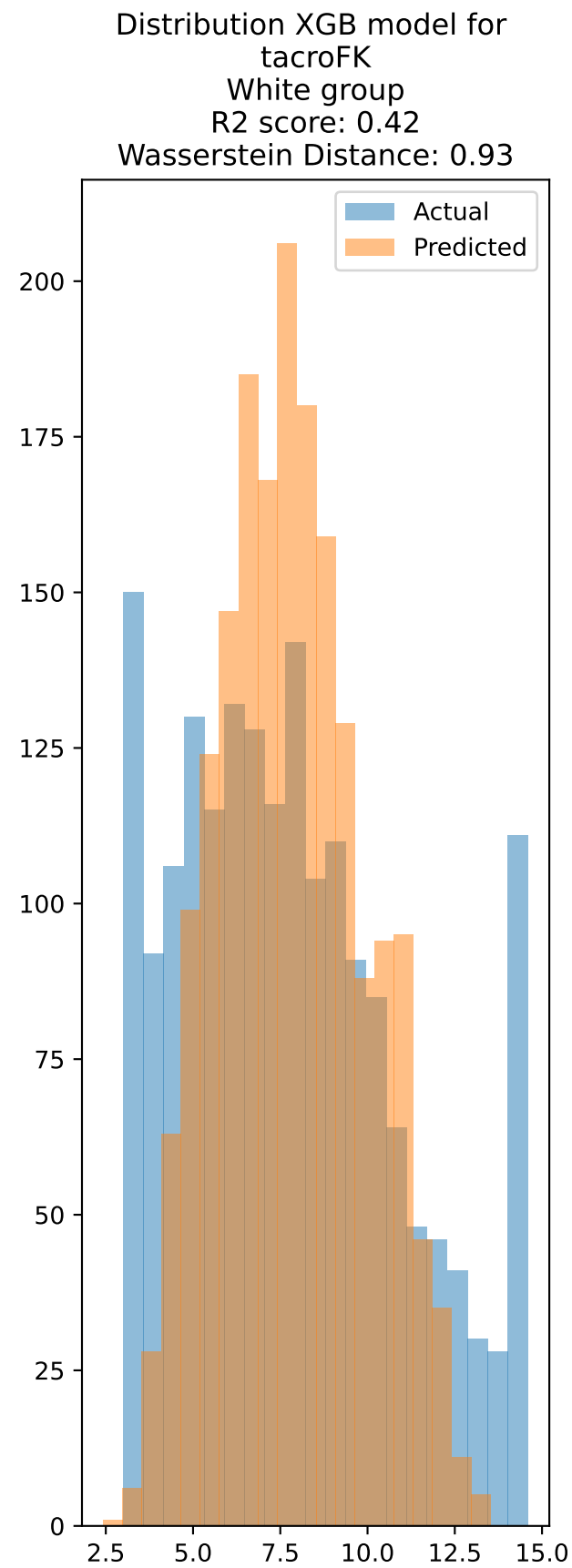
Distribution XGB model for
Thyroid Stimulating Hormone
Asian group
R2 score: 0.08
Wasserstein Distance: 1.01

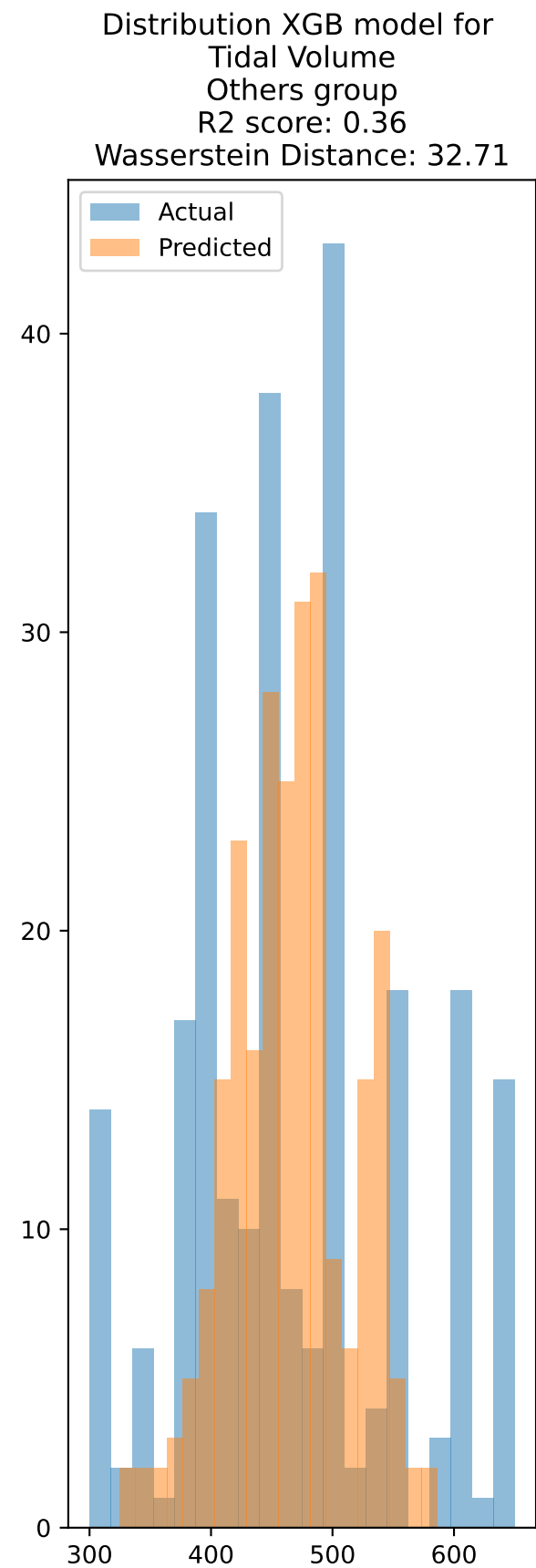
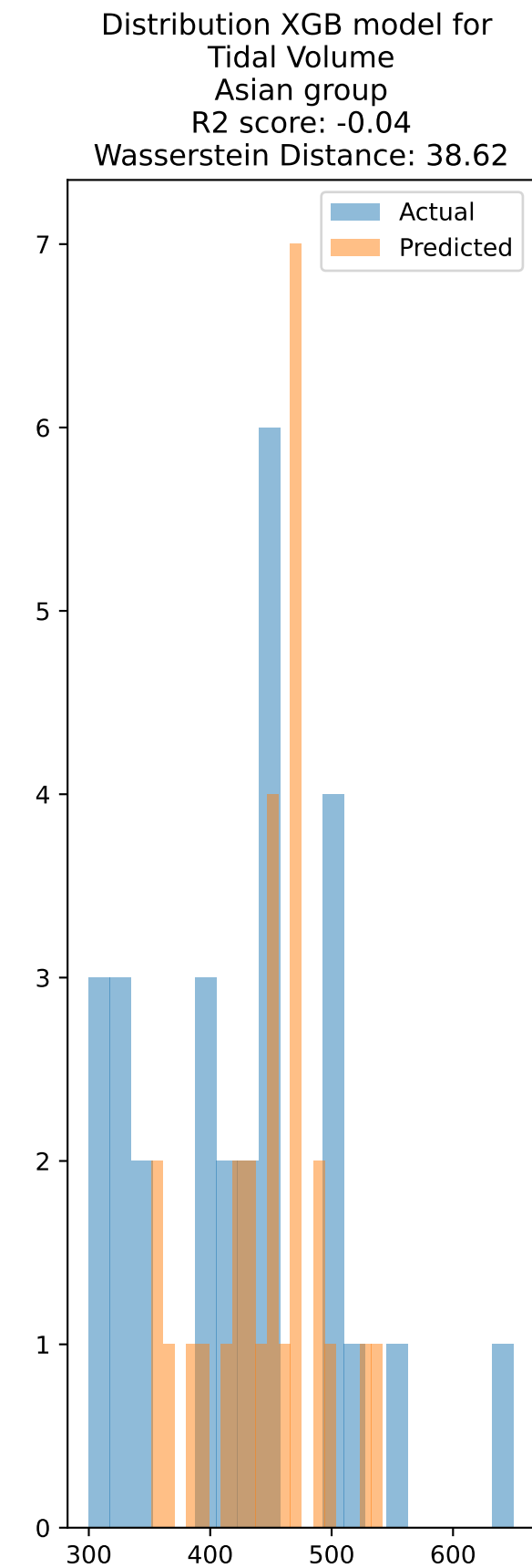
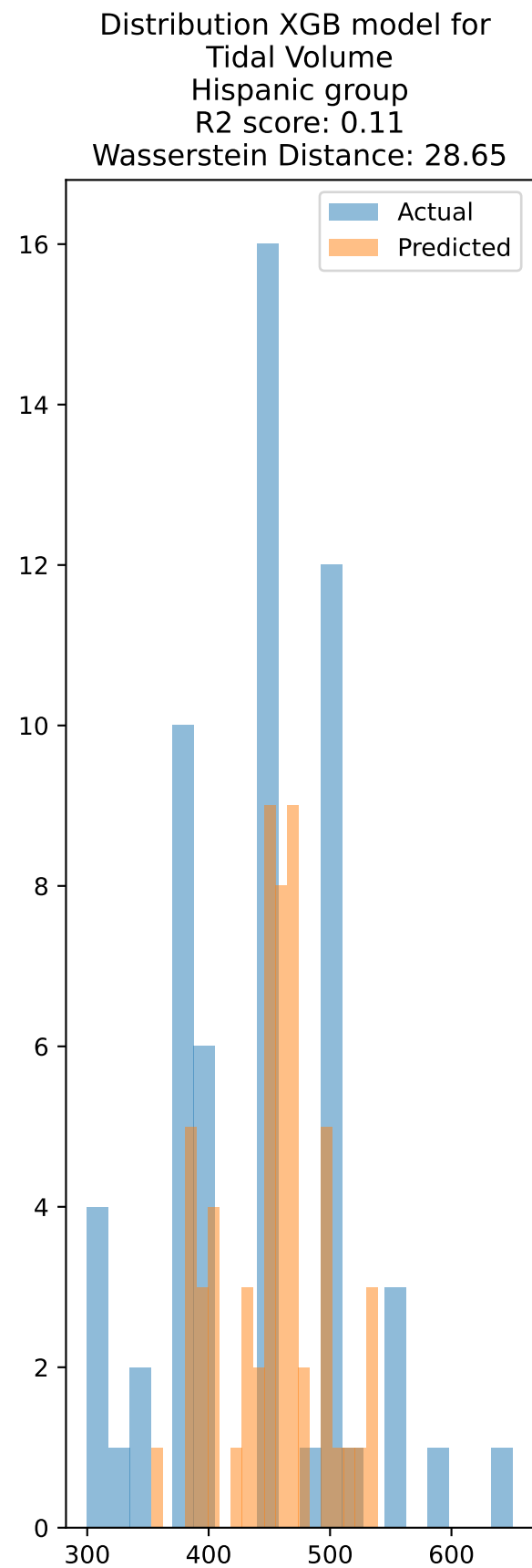
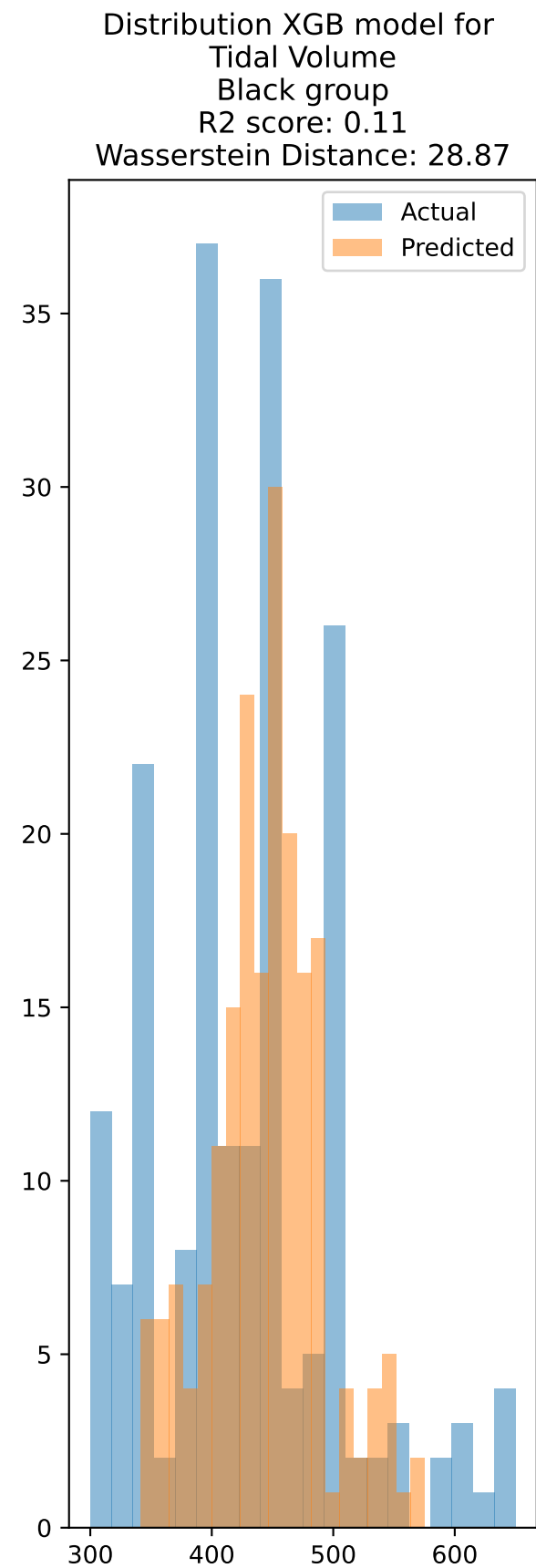
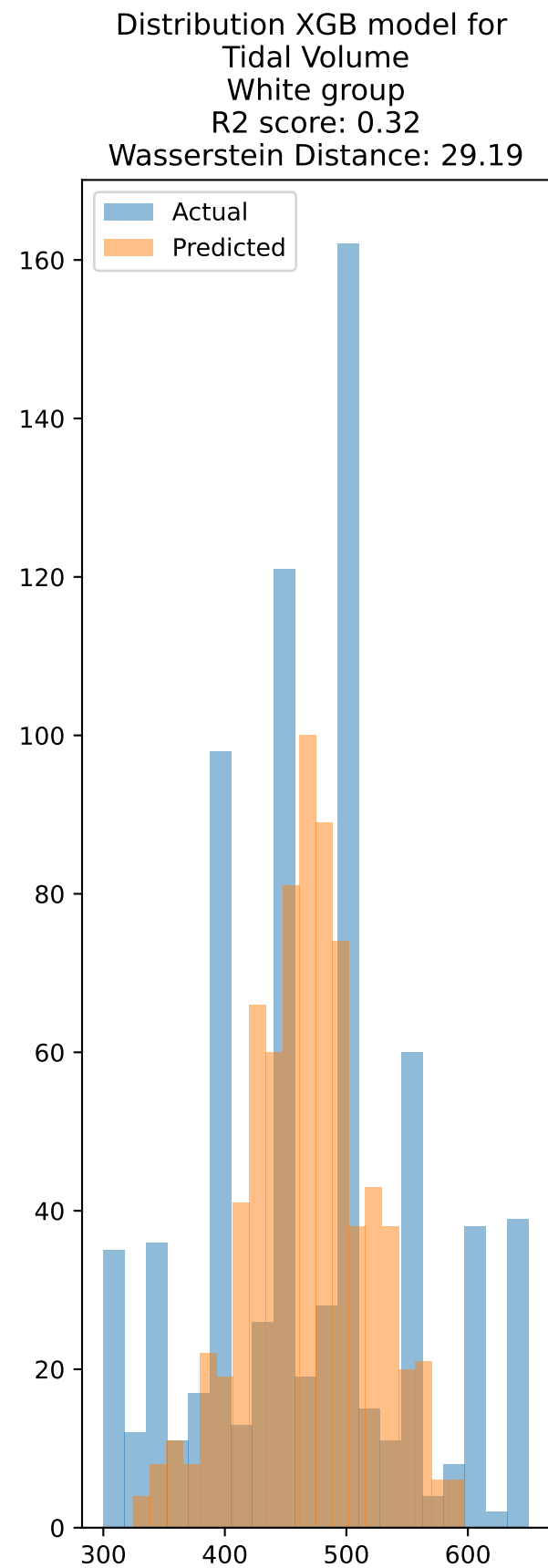


Distribution XGB model for
Thyroid Stimulating Hormone
Others group
R2 score: 0.23
Wasserstein Distance: 1.16

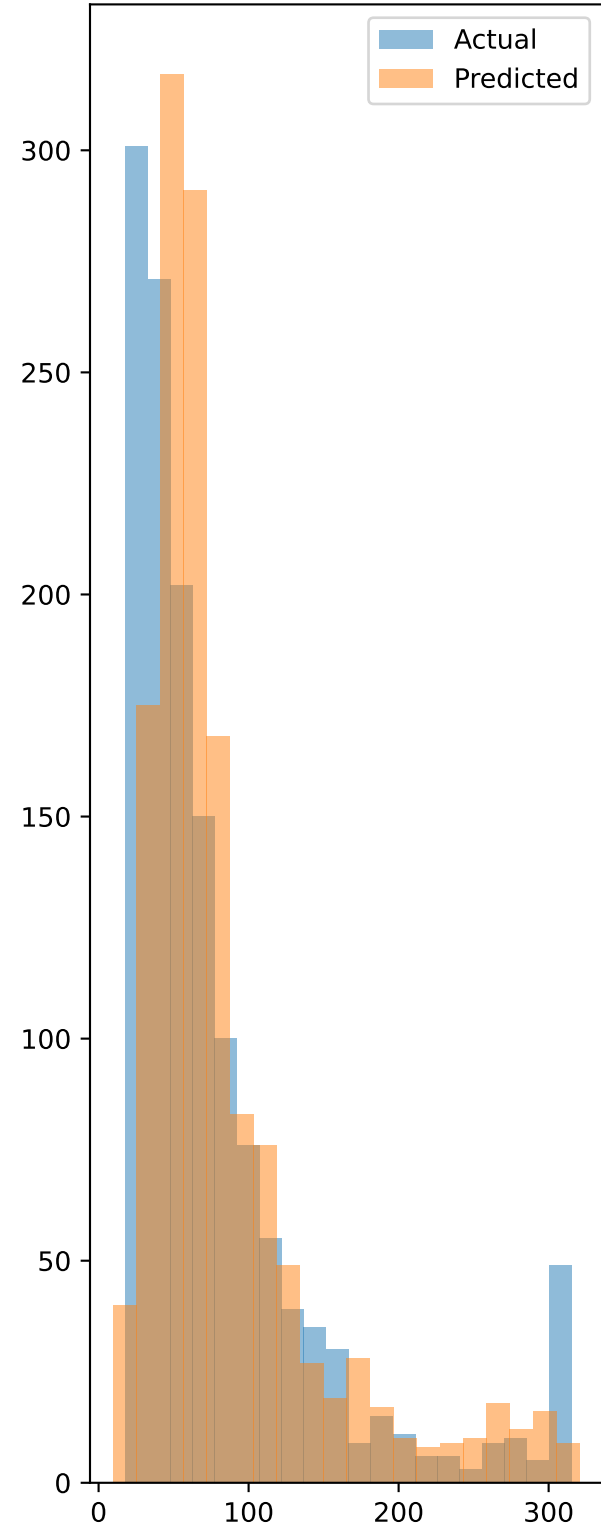




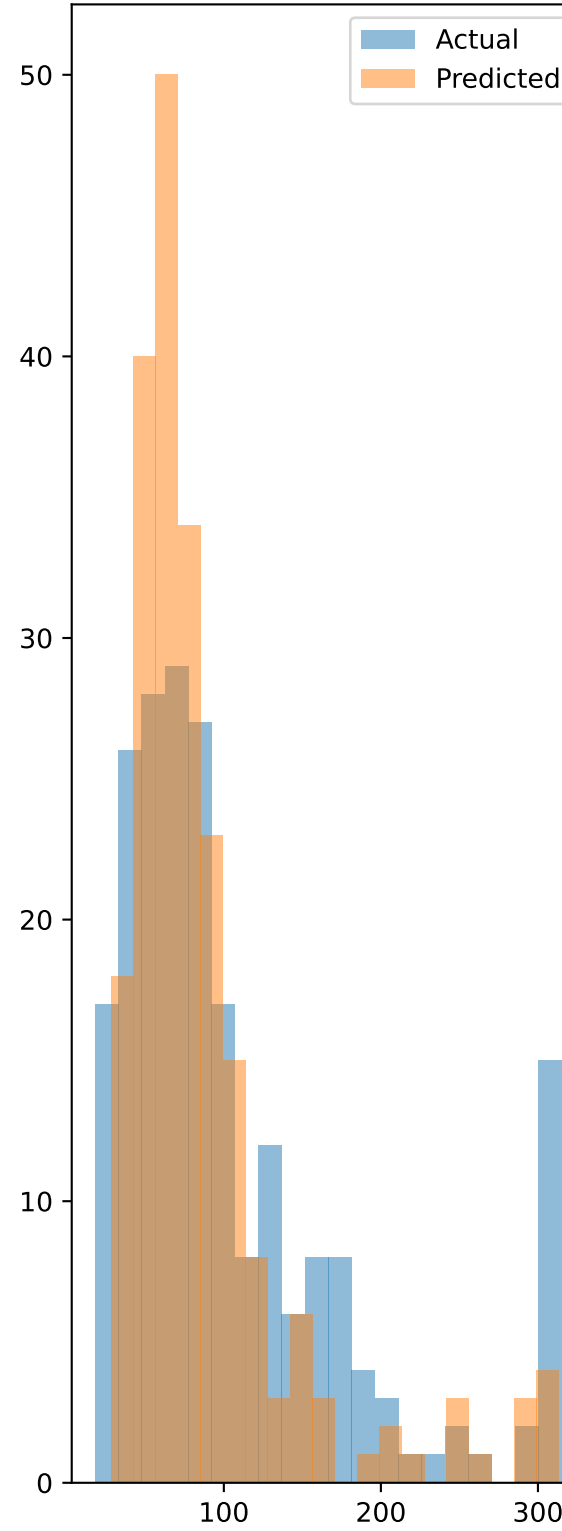




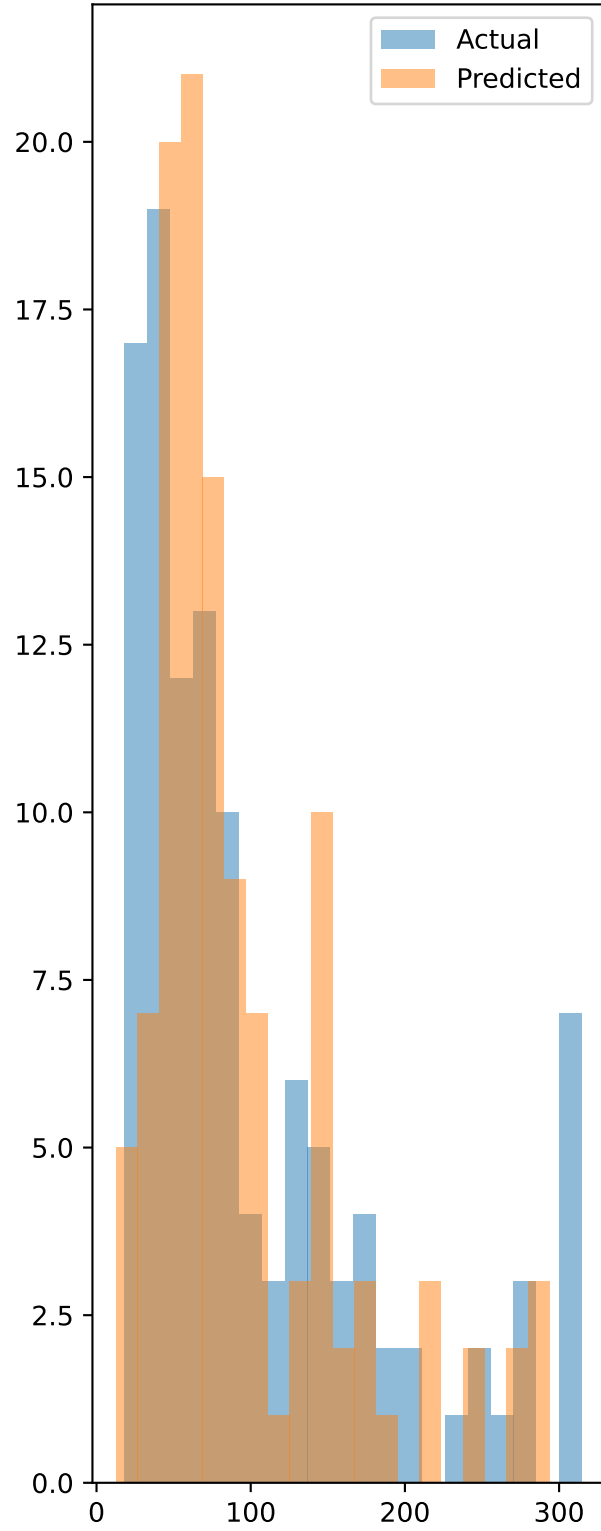
Distribution XGB model for
Amylase
White group
R2 score: 0.73
Wasserstein Distance: 8.94



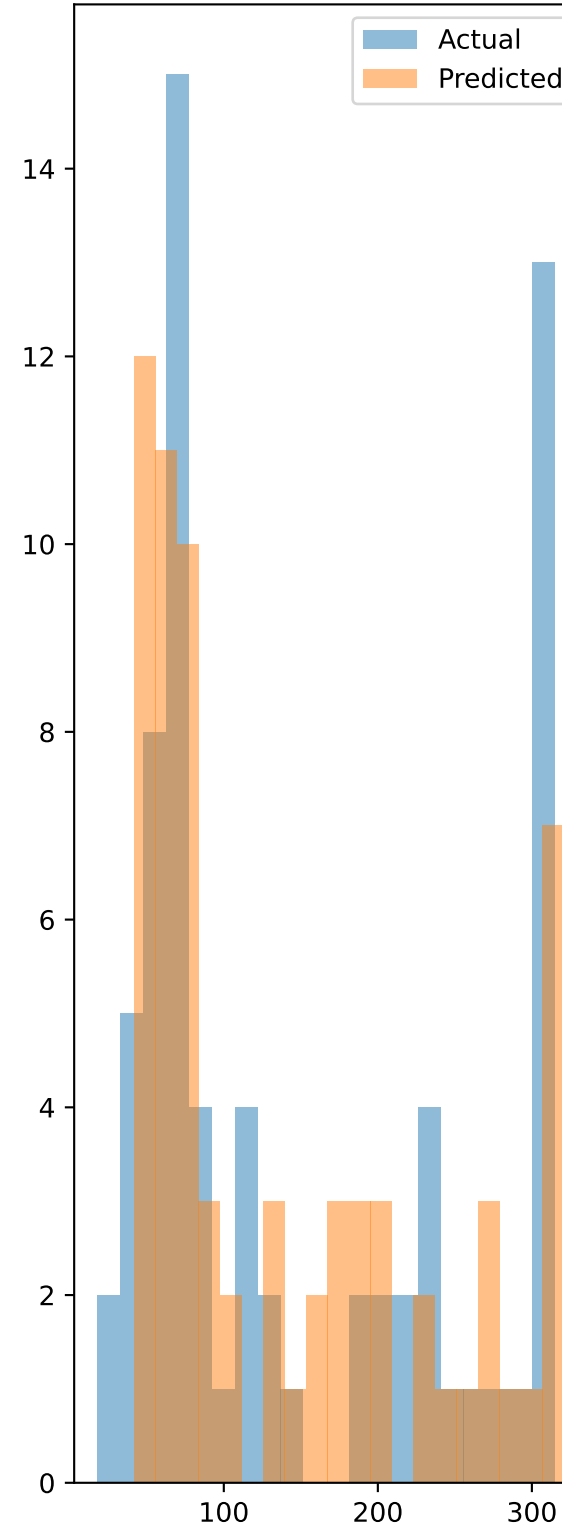
Distribution XGB model for
Amylase
Black group
R2 score: 0.44
Wasserstein Distance: 22.60



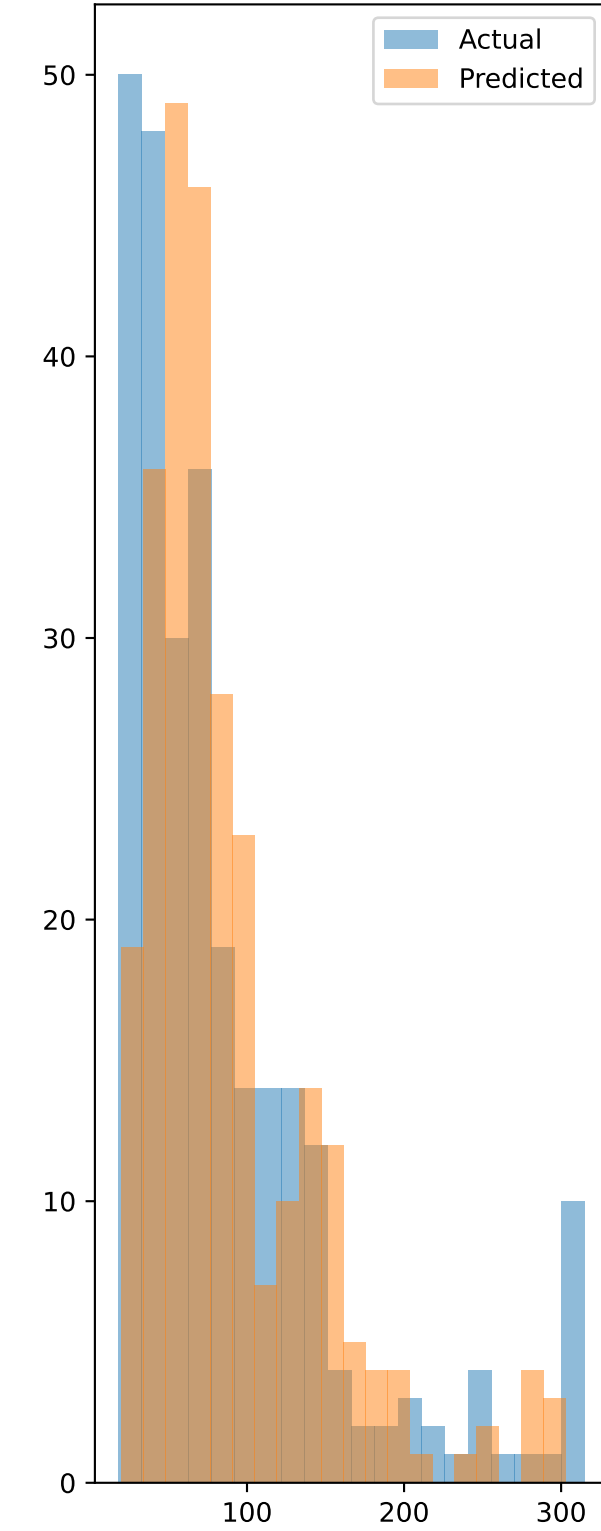
Distribution XGB model for
Amylase
Hispanic group
R2 score: 0.68
Wasserstein Distance: 16.48



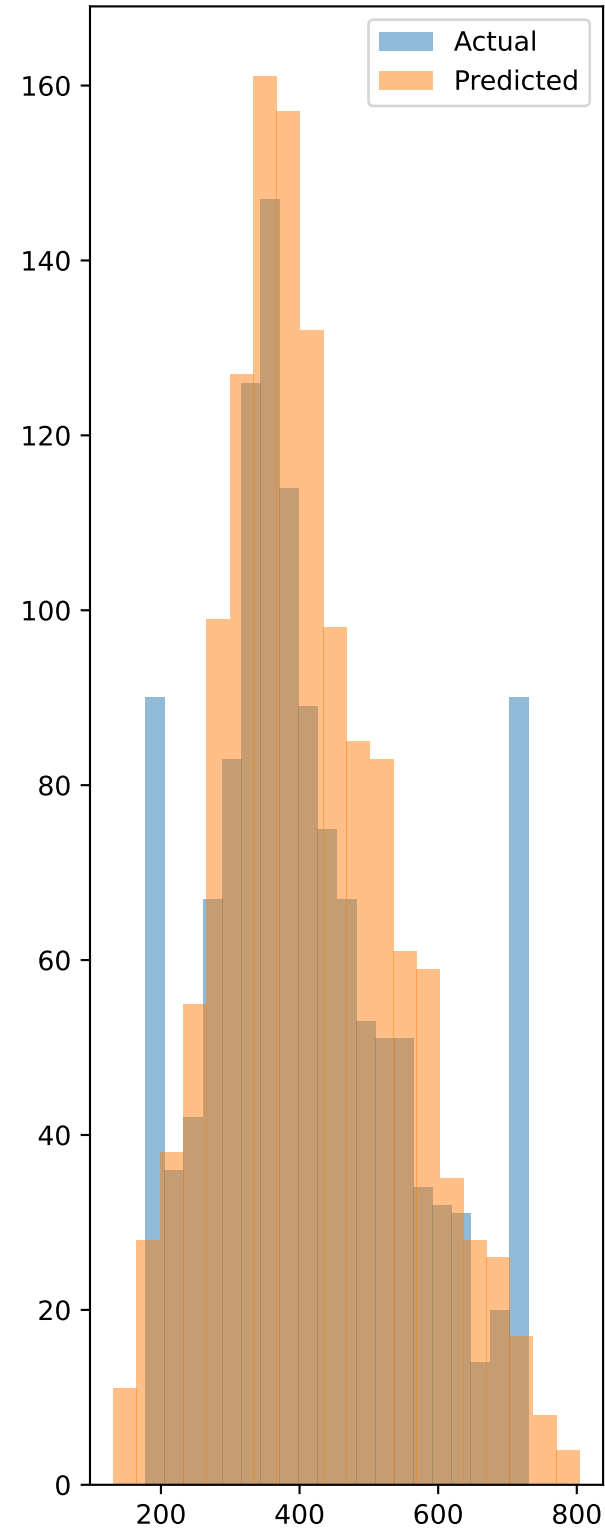
Distribution XGB model for
Amylase
Asian group
R2 score: 0.83
Wasserstein Distance: 14.37



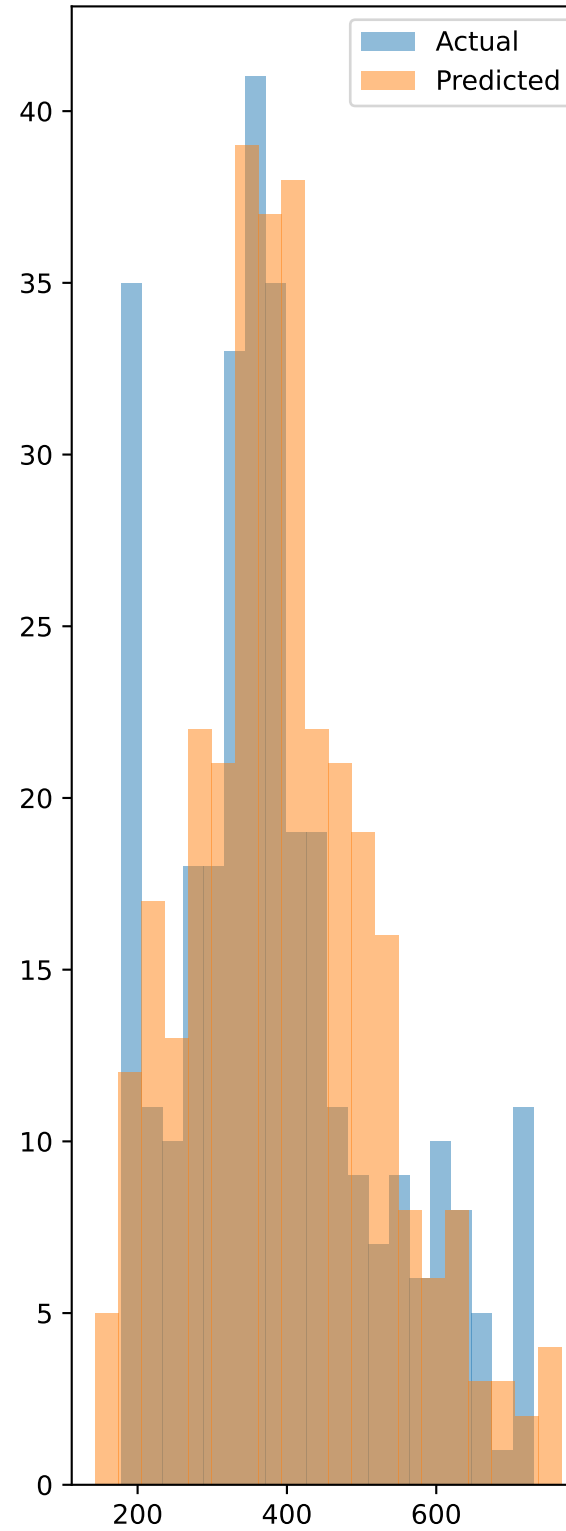
Distribution XGB model for
Amylase
Others group
R2 score: 0.58
Wasserstein Distance: 11.77



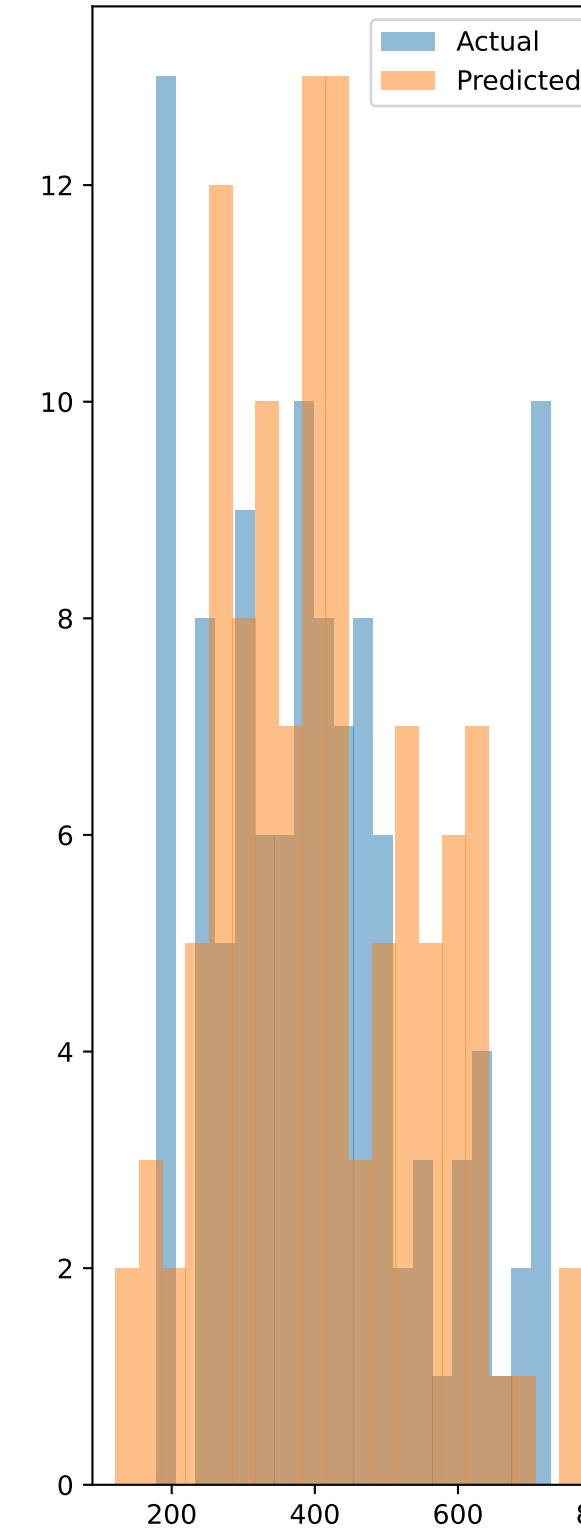
Distribution XGB model for
Osmolality, Urine
White group
R2 score: 0.78
Wasserstein Distance: 16.96



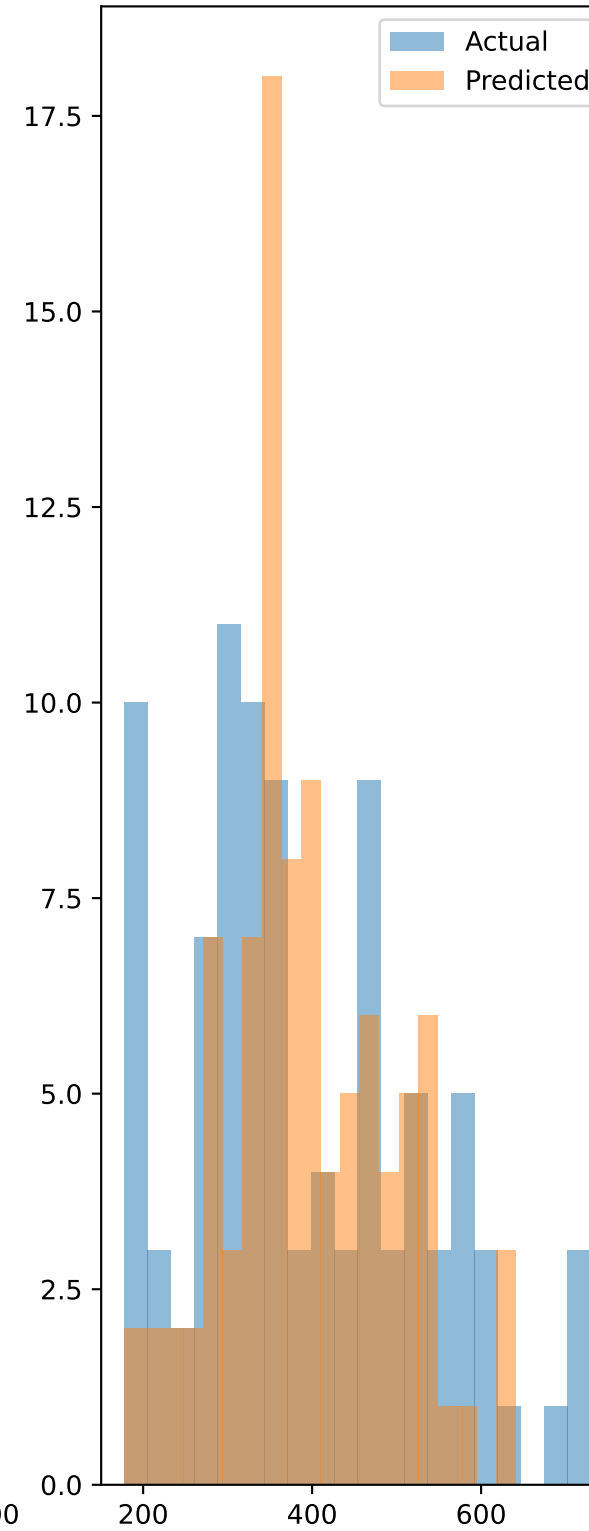
Distribution XGB model for
Osmolality, Urine
Black group
R2 score: 0.81
Wasserstein Distance: 21.82



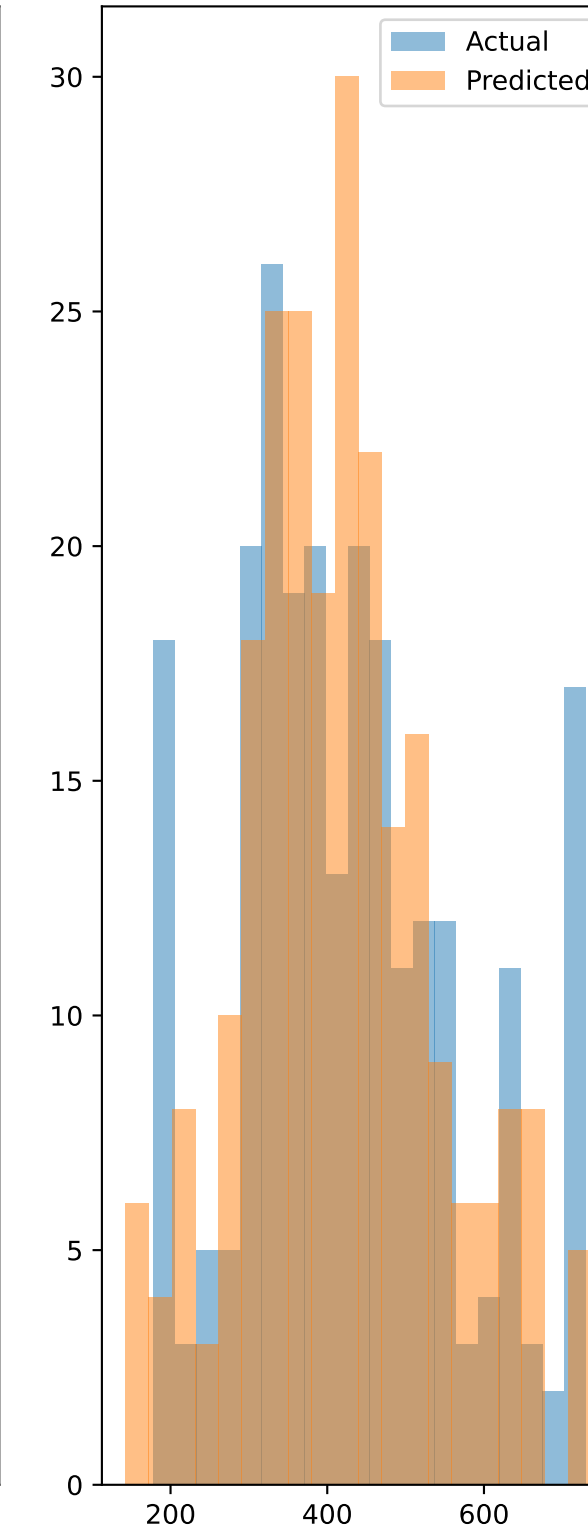
Distribution XGB model for
Osmolality, Urine
Hispanic group
R2 score: 0.80
Wasserstein Distance: 22.90



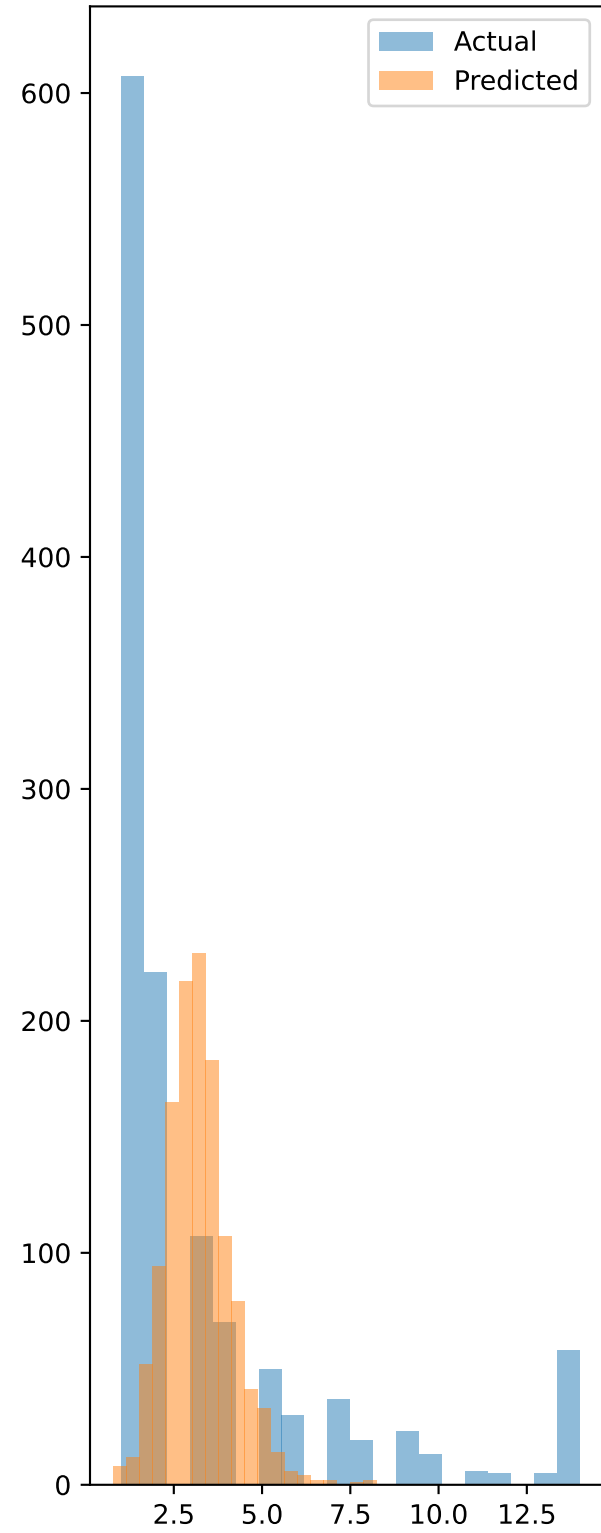
Distribution XGB model for
Osmolality, Urine
Asian group
R2 score: 0.67
Wasserstein Distance: 37.29



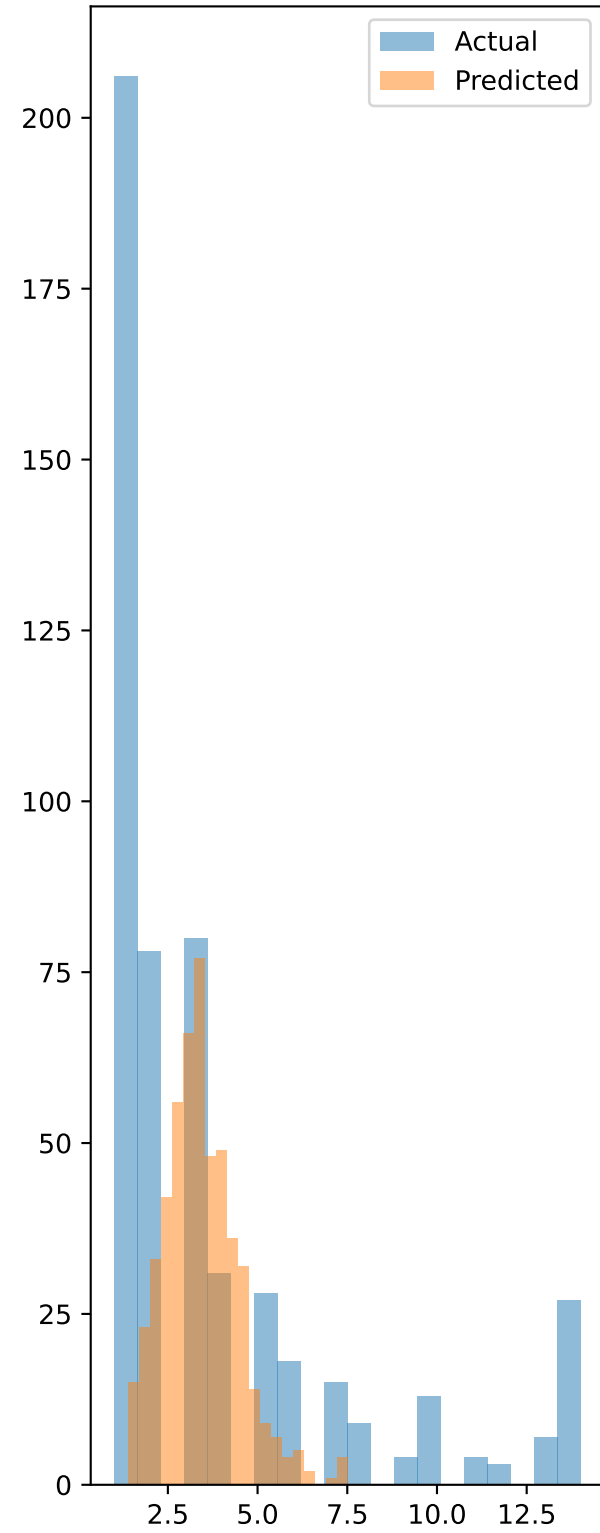
Distribution XGB model for
Osmolality, Urine
Others group
R2 score: 0.74
Wasserstein Distance: 19.29



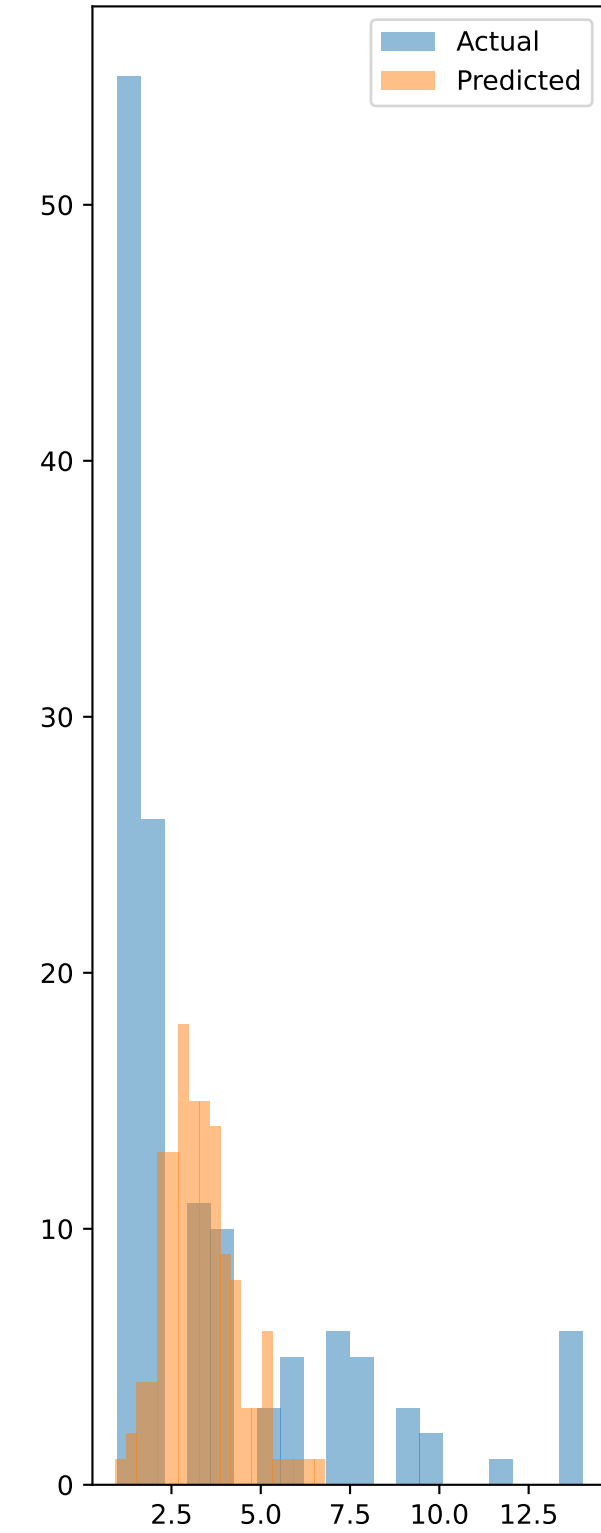
Distribution XGB model for
Epithelial Cells
White group
R2 score: 0.08
Wasserstein Distance: 1.86



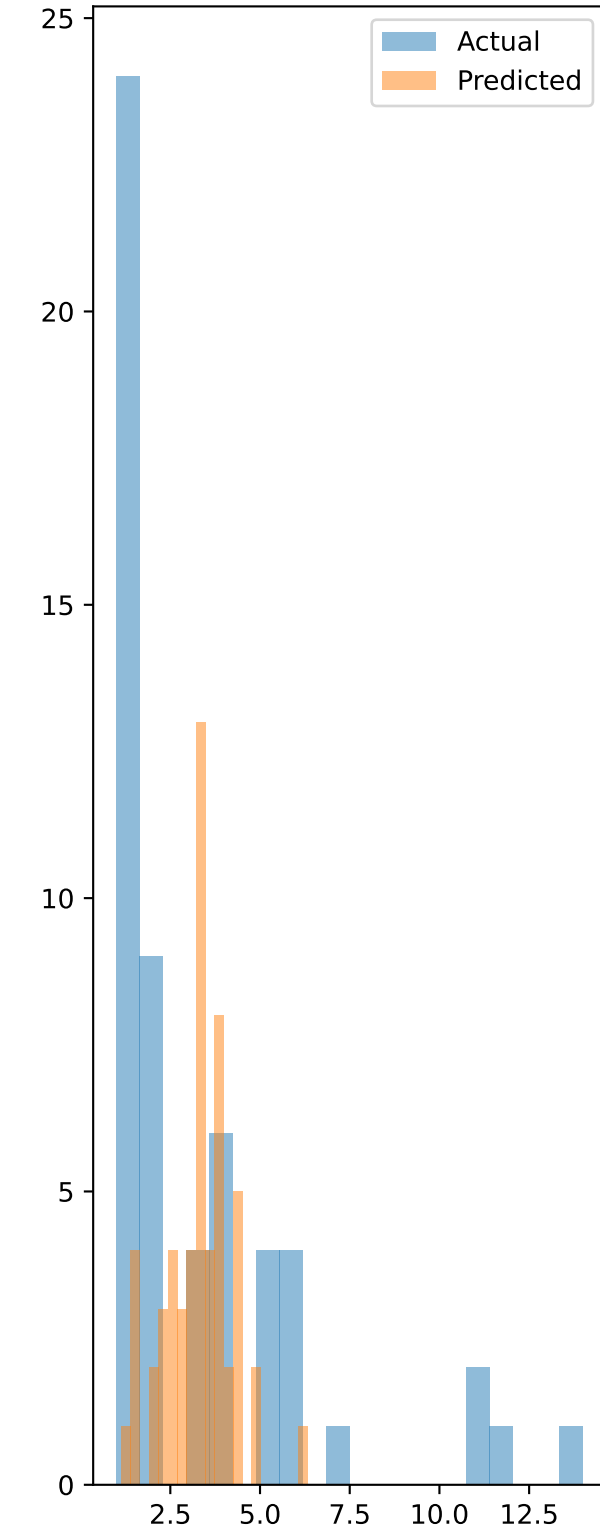
Distribution XGB model for
Epithelial Cells
Black group
R2 score: 0.10
Wasserstein Distance: 1.87



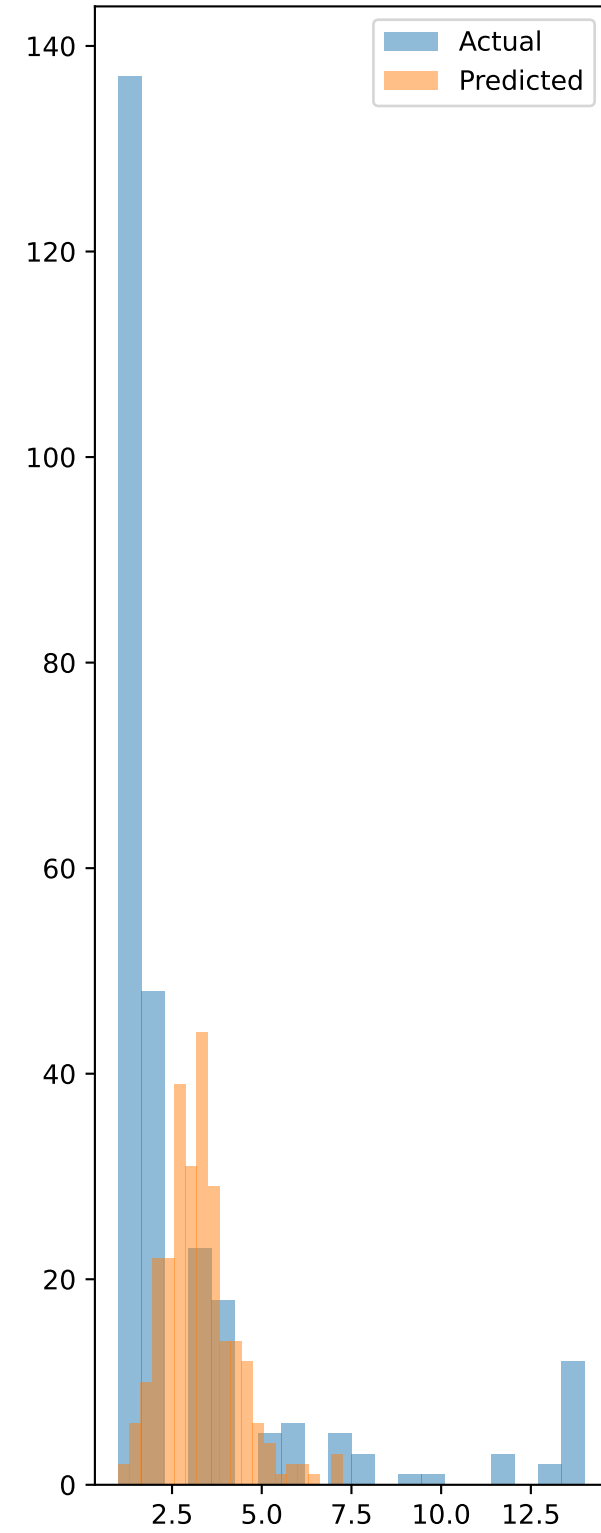
Distribution XGB model for
Epithelial Cells
Hispanic group
R2 score: 0.16
Wasserstein Distance: 1.80



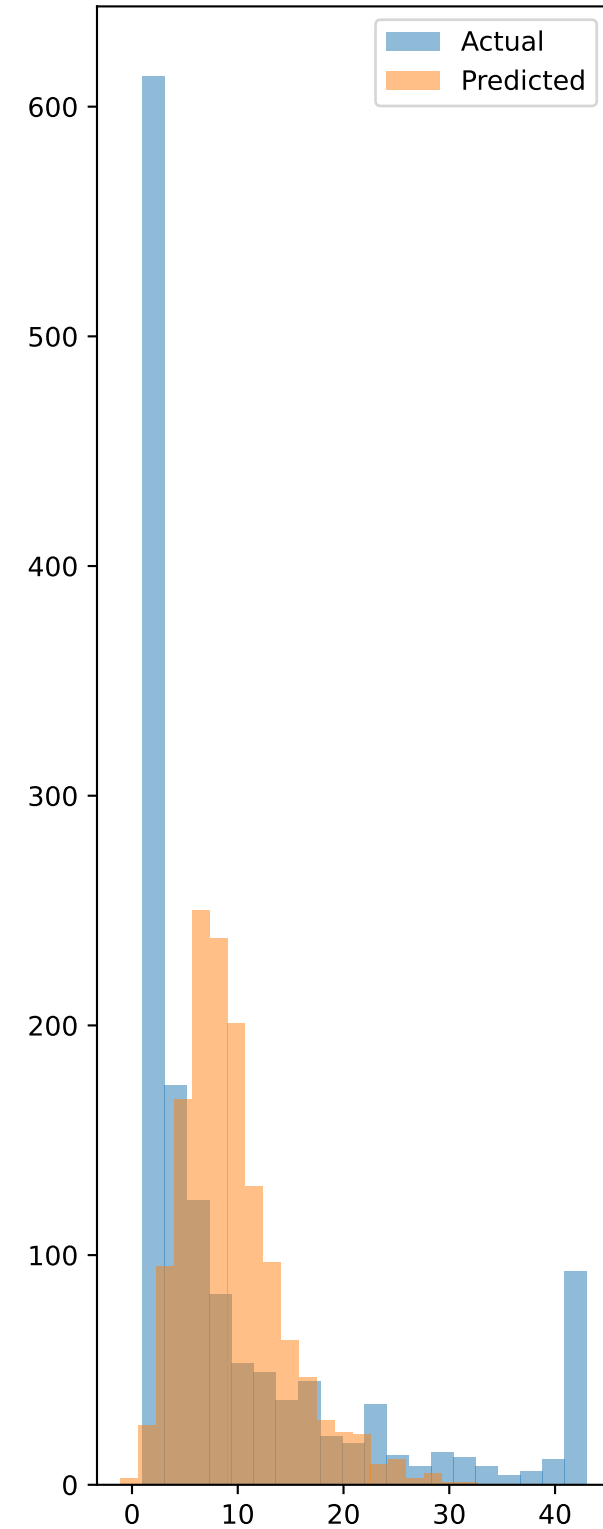
Distribution XGB model for
Epithelial Cells
Asian group
R2 score: 0.07
Wasserstein Distance: 1.65



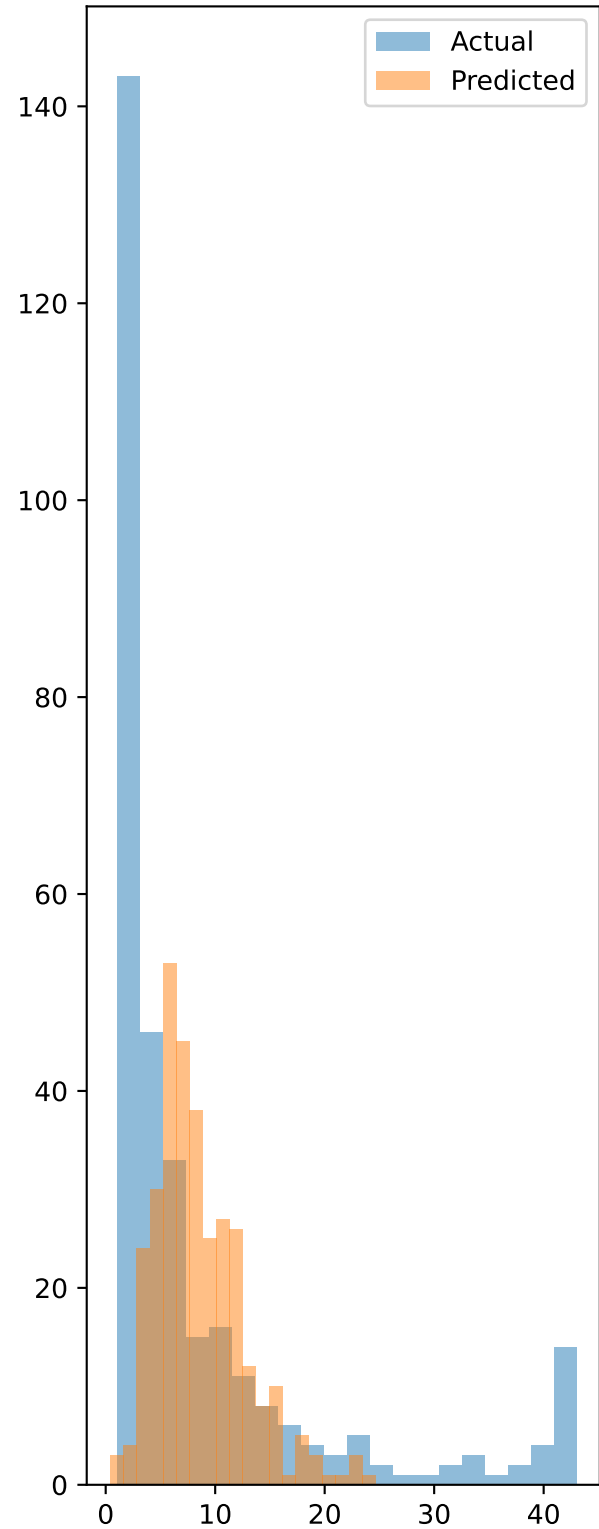
Distribution XGB model for
Epithelial Cells
Others group
R2 score: 0.06
Wasserstein Distance: 1.77



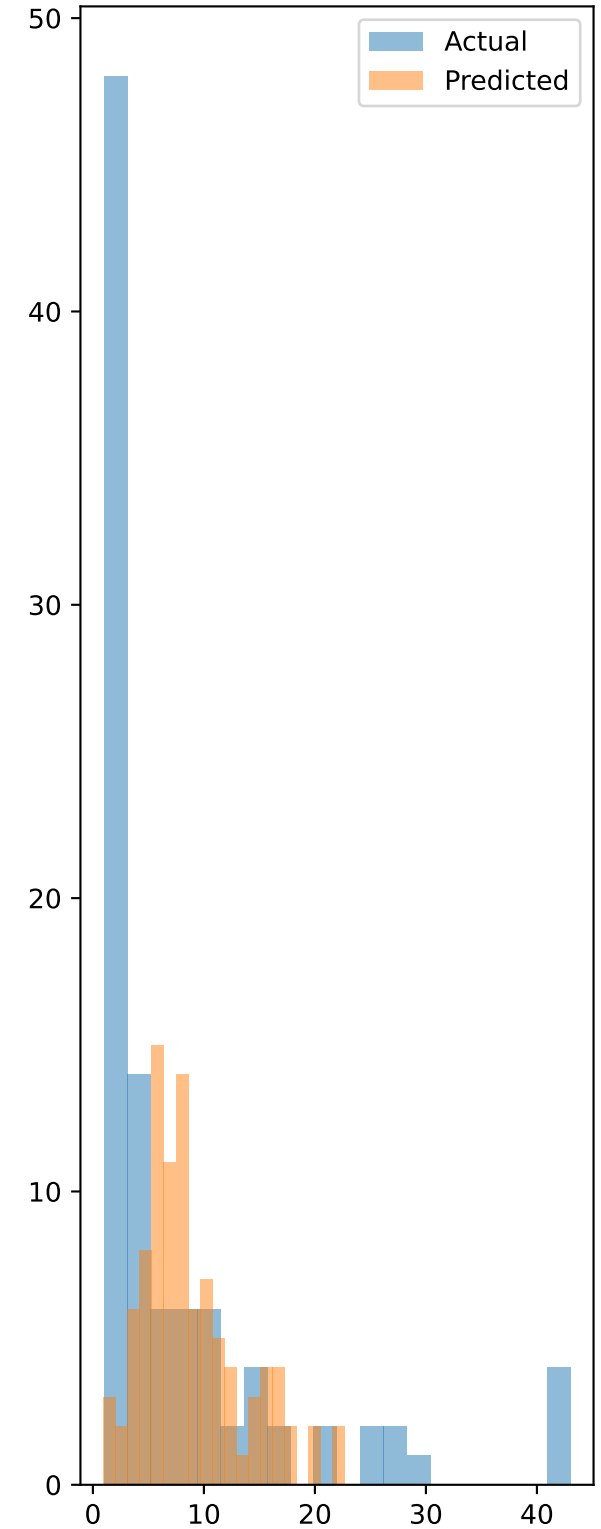
Distribution XGB model for
Hyaline Casts
White group
R2 score: 0.19
Wasserstein Distance: 5.20



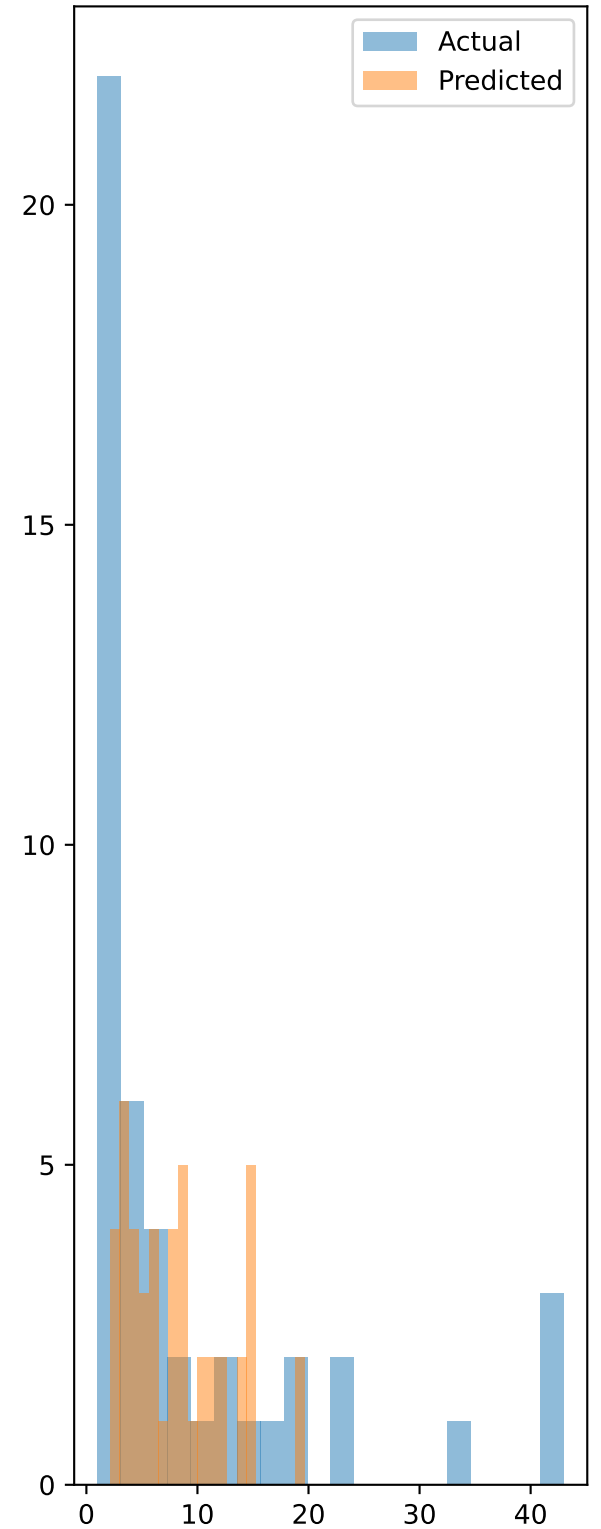
Distribution XGB model for
Hyaline Casts
Black group
R2 score: 0.14
Wasserstein Distance: 4.82



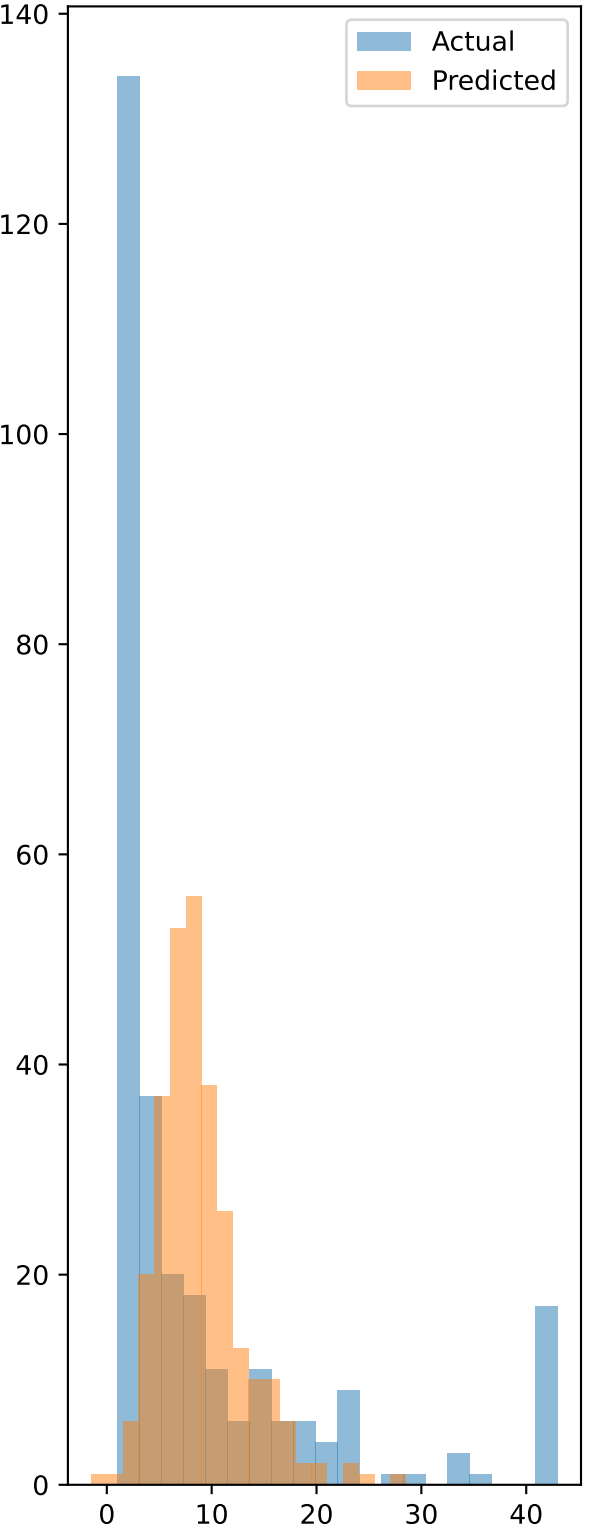
Distribution XGB model for
Hyaline Casts
Hispanic group
R2 score: 0.18
Wasserstein Distance: 4.27

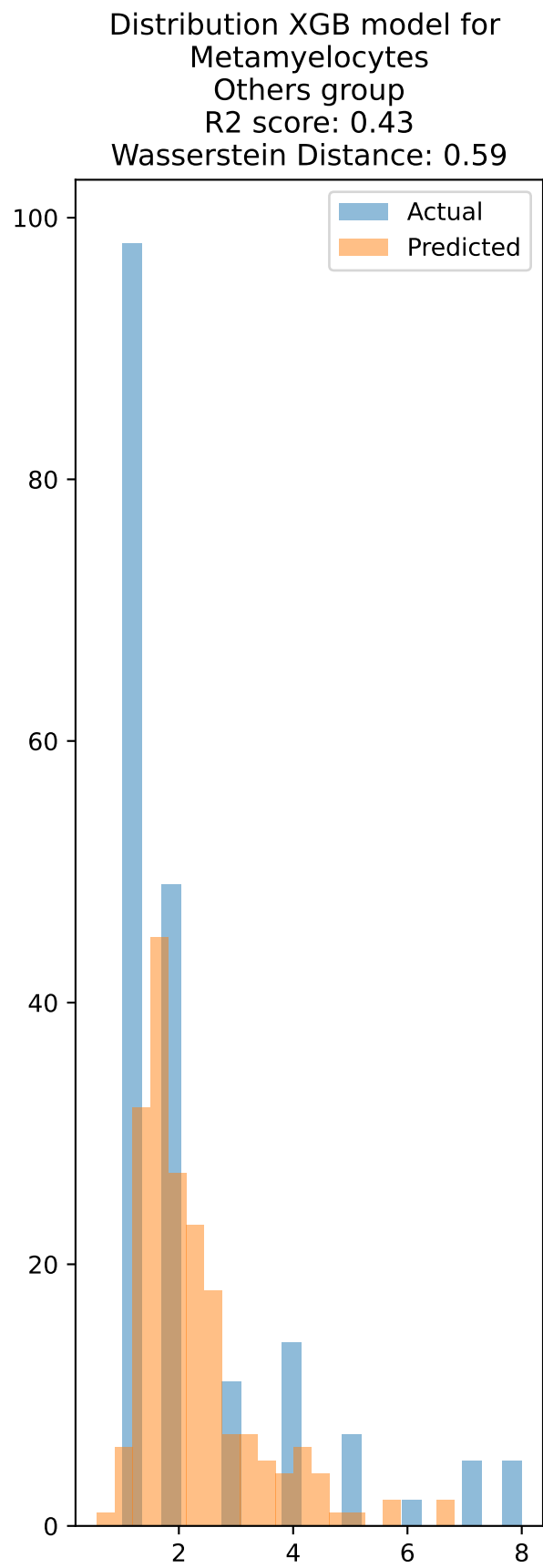
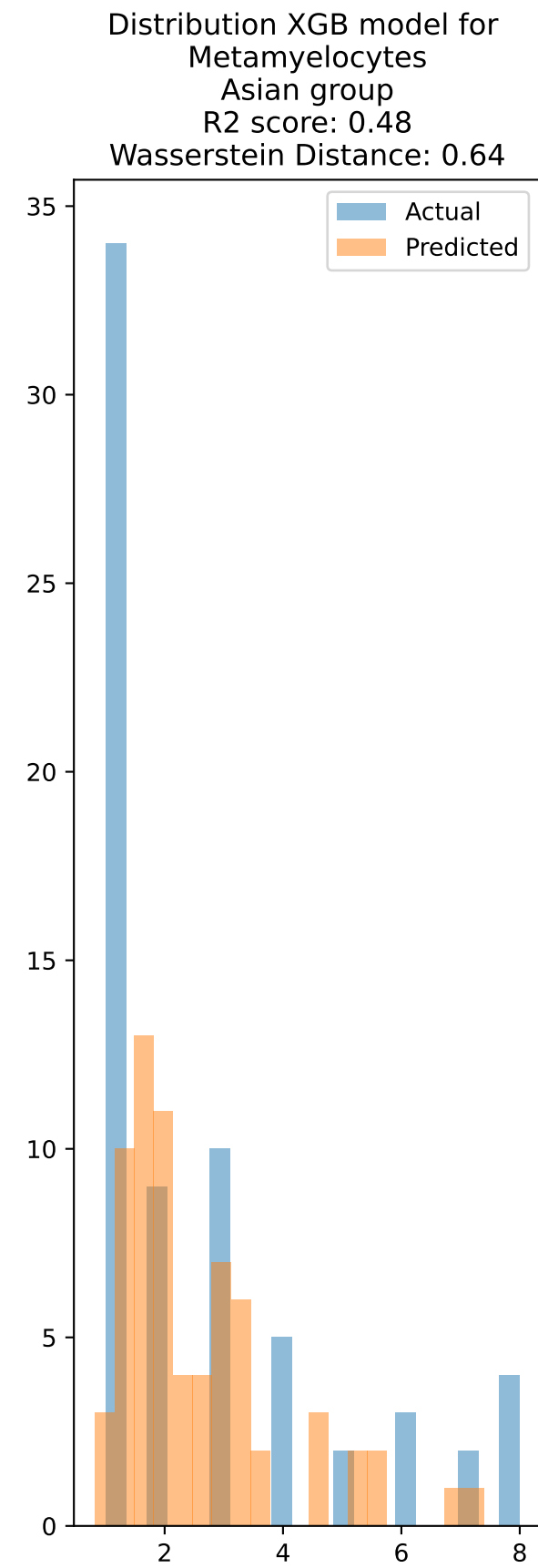
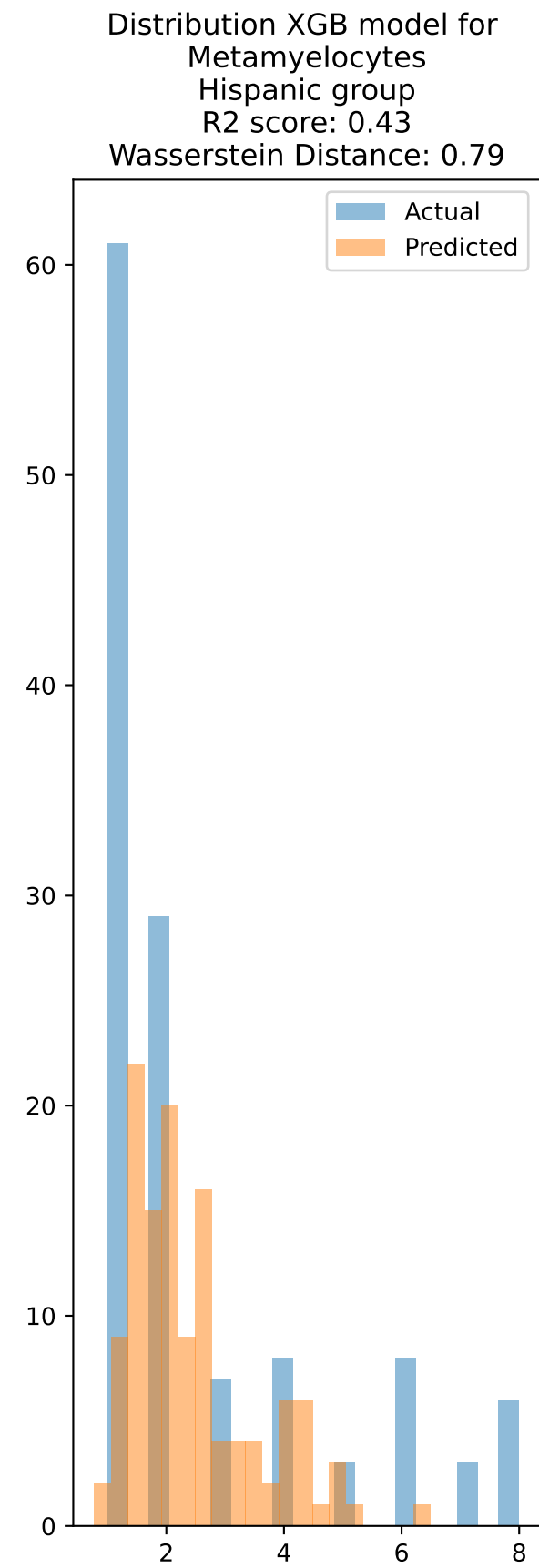
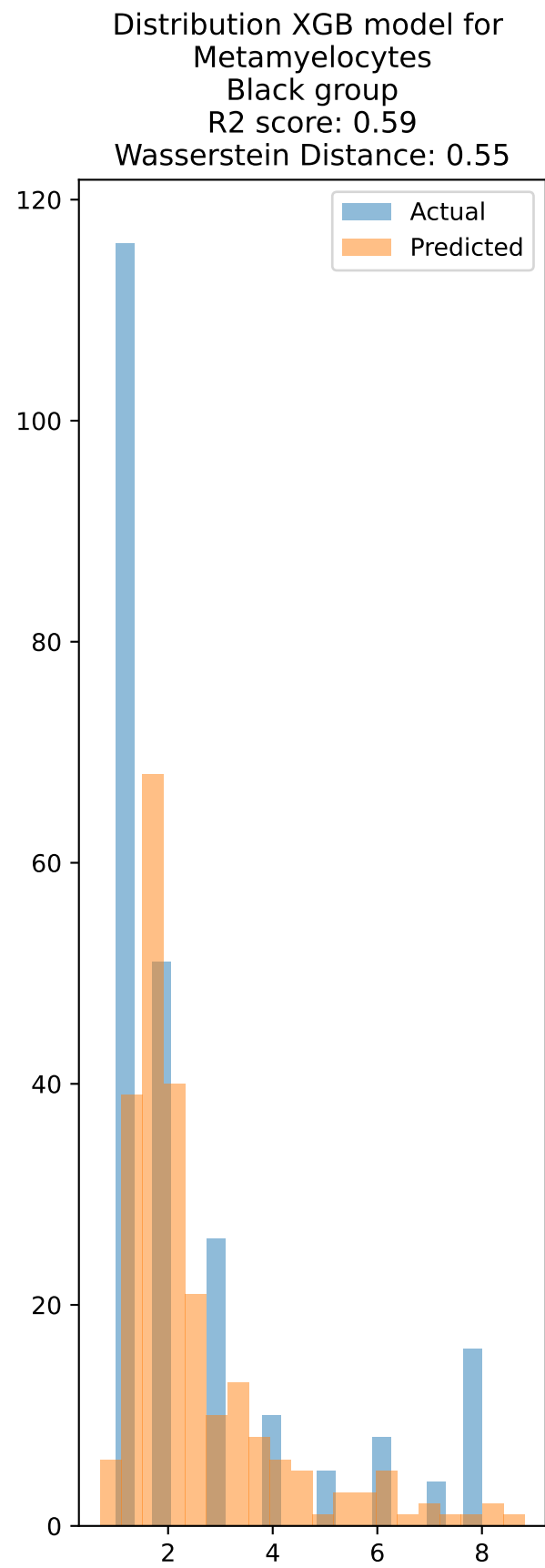
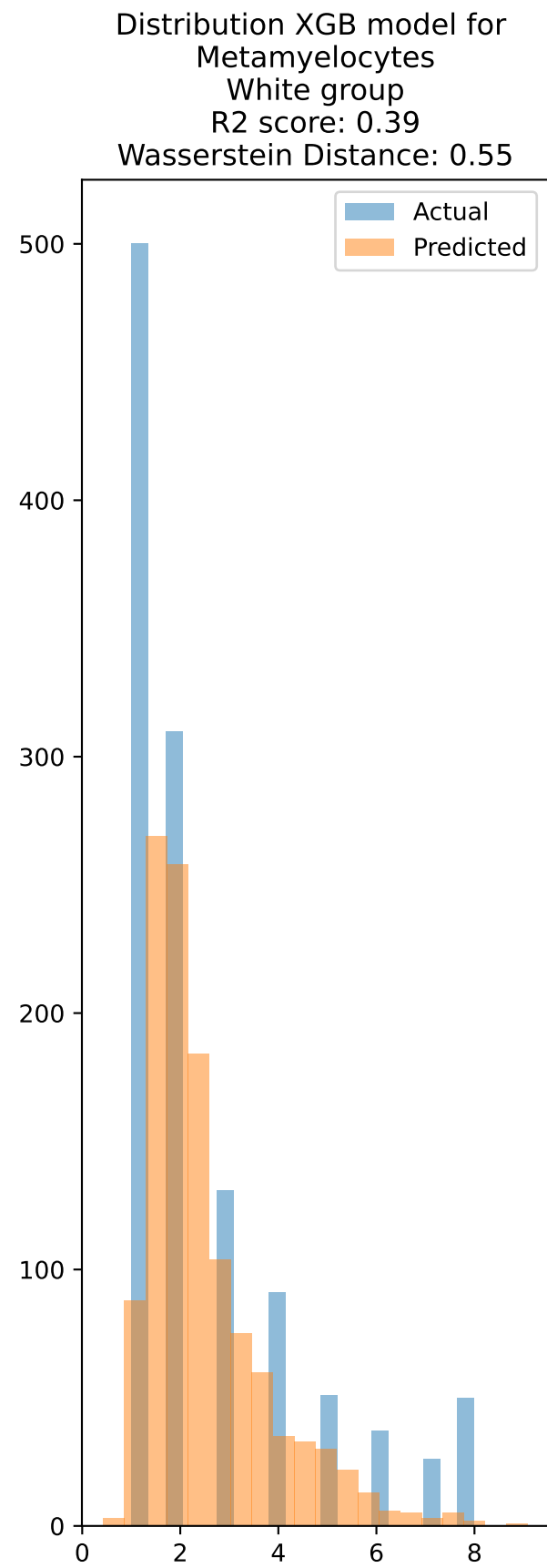


Distribution XGB model for
Hyaline Casts
Asian group
R2 score: 0.09
Wasserstein Distance: 4.44

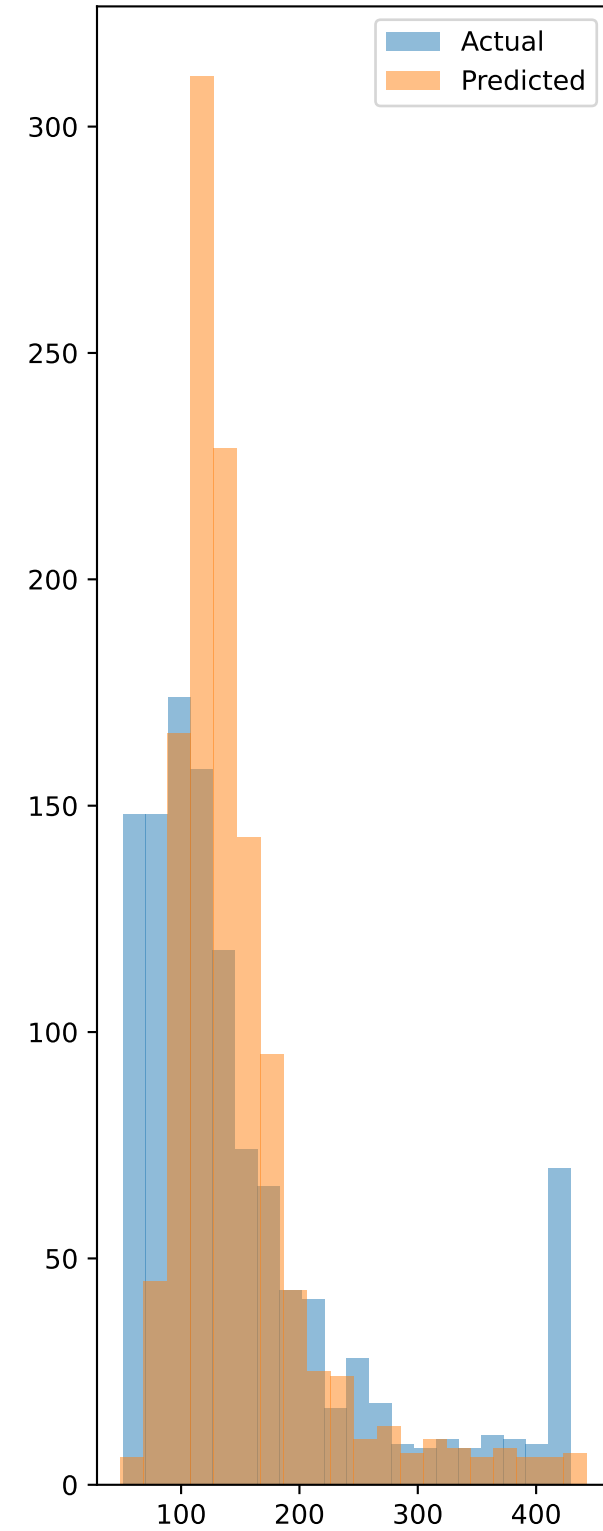


Distribution XGB model for
Hyaline Casts
Others group
R2 score: 0.17
Wasserstein Distance: 5.18

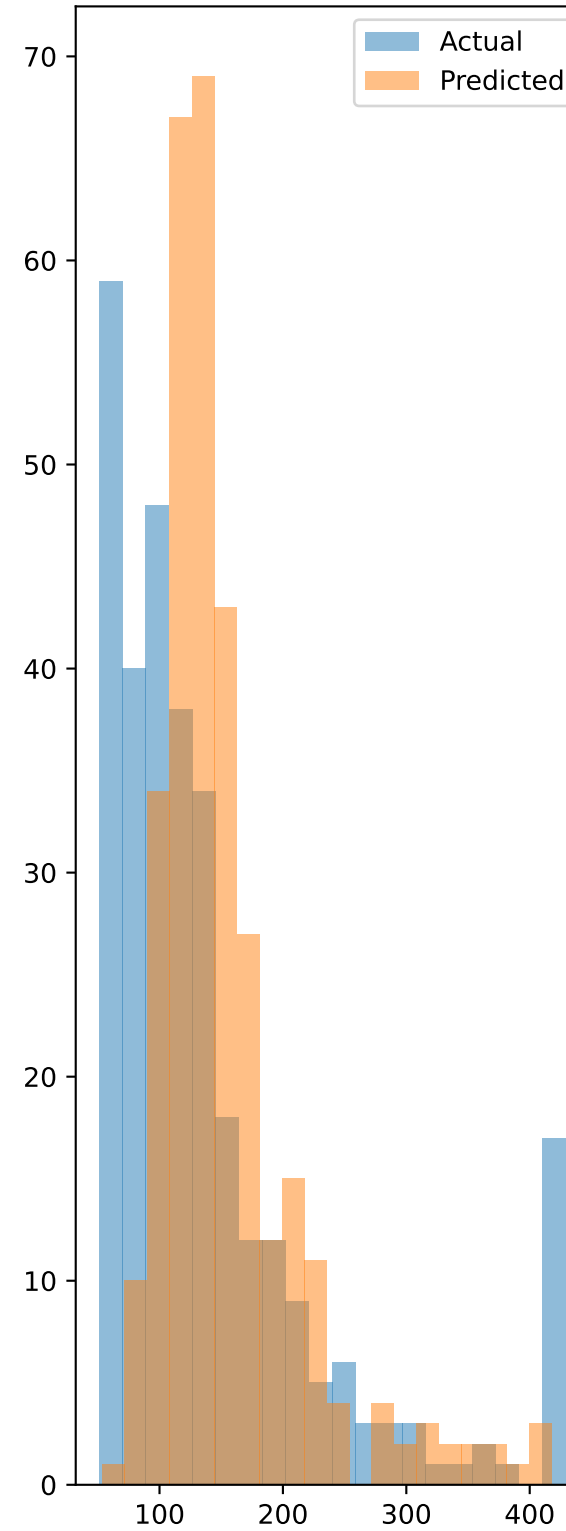




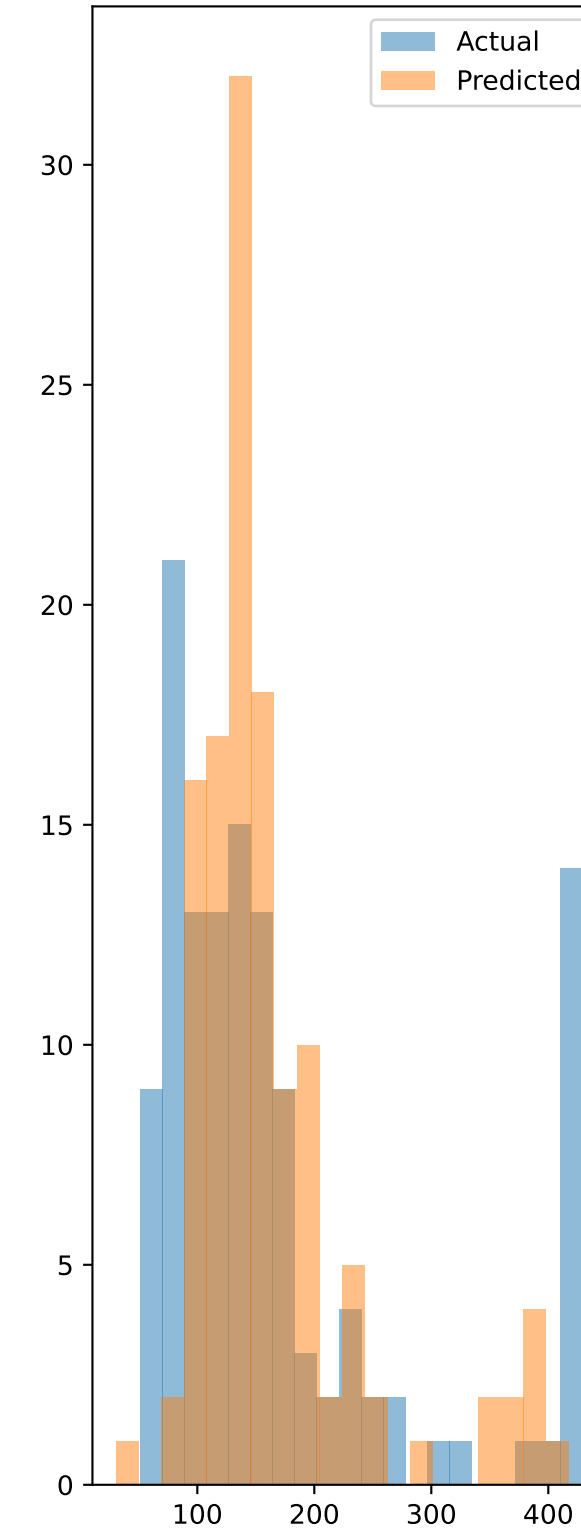
Distribution XGB model for
Triglycerides
White group
R2 score: 0.46
Wasserstein Distance: 30.47



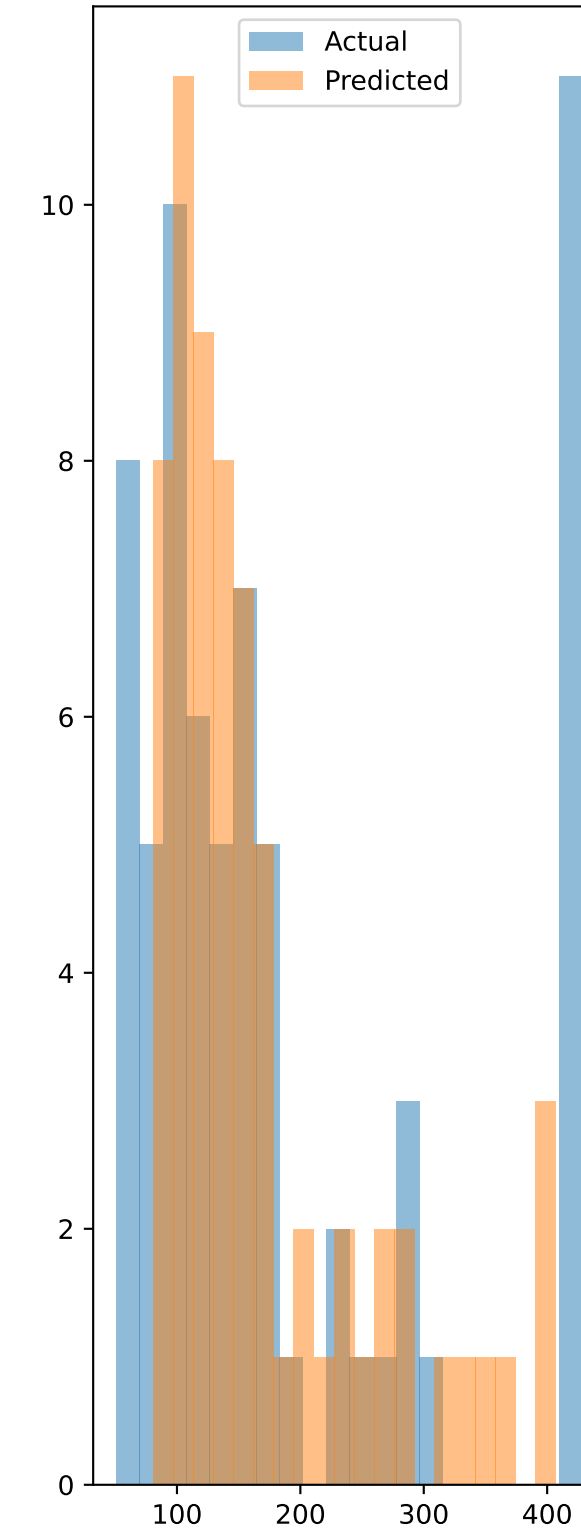
Distribution XGB model for
Triglycerides
Black group
R2 score: 0.46
Wasserstein Distance: 32.34



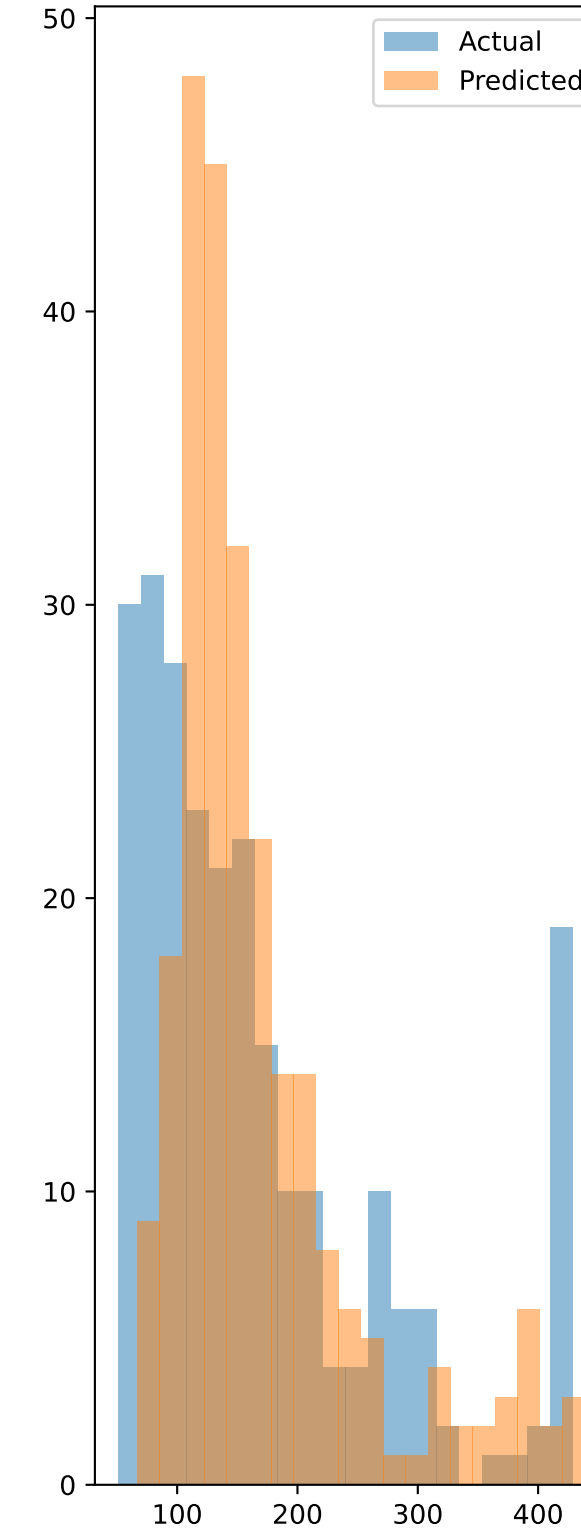
Distribution XGB model for
Triglycerides
Hispanic group
R2 score: 0.49
Wasserstein Distance: 32.46



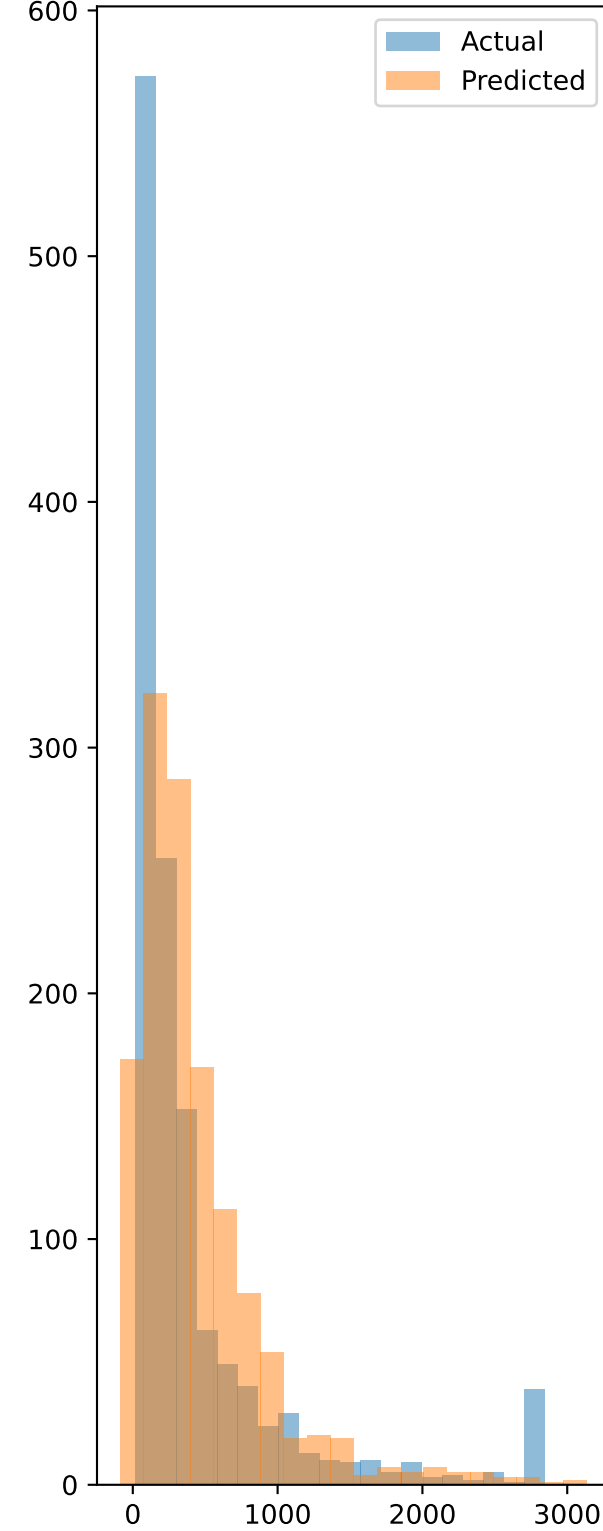
Distribution XGB model for
Triglycerides
Asian group
R2 score: 0.61
Wasserstein Distance: 32.67



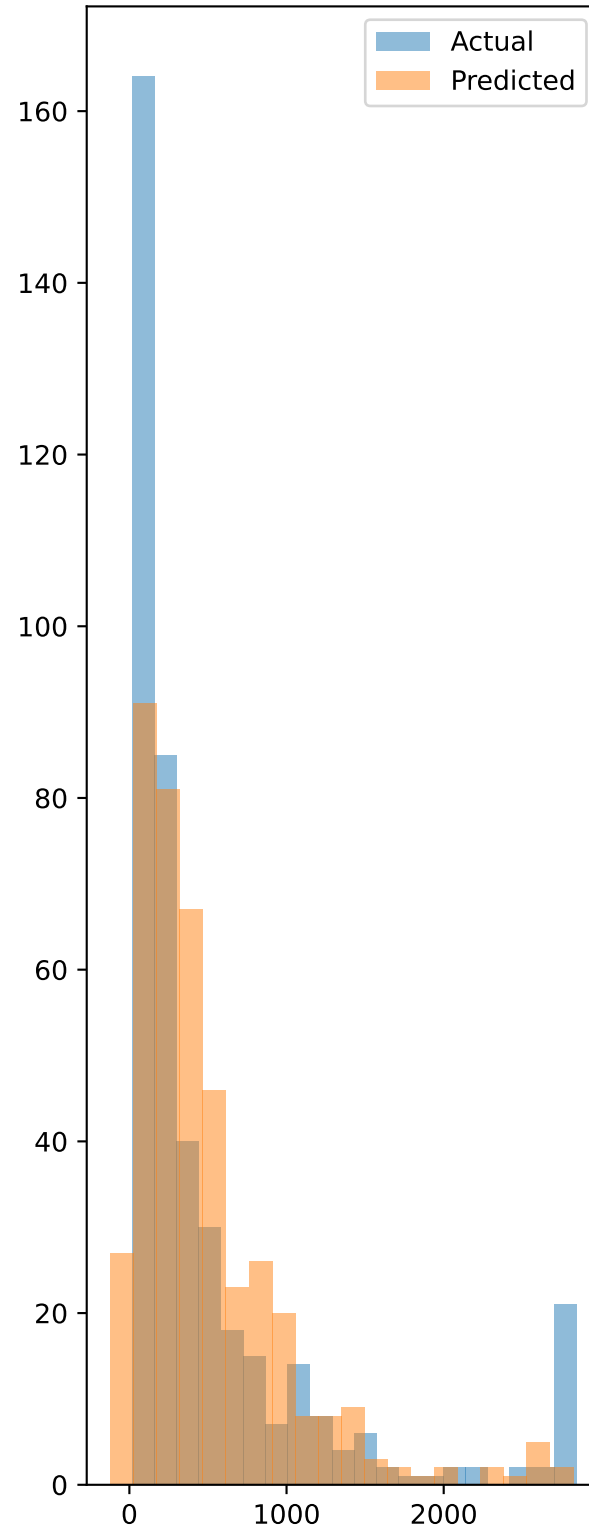
Distribution XGB model for
Triglycerides
Others group
R2 score: 0.43
Wasserstein Distance: 25.47



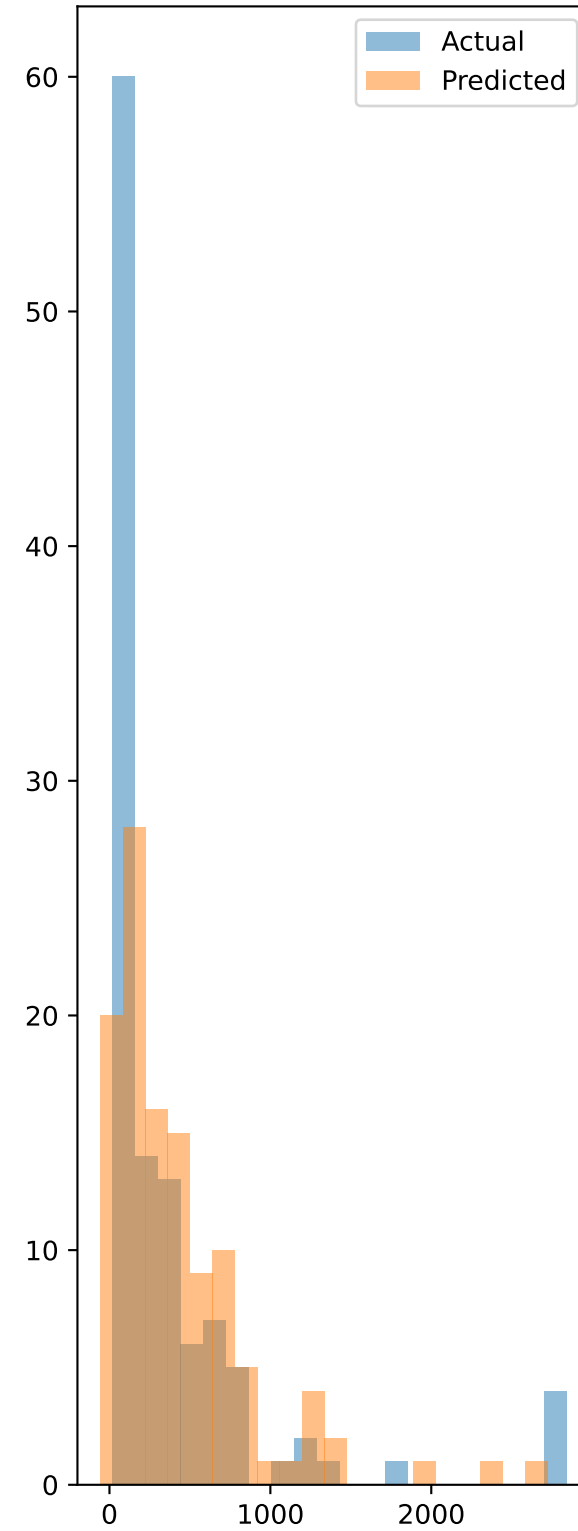
Distribution XGB model for
Ferritin
White group
R2 score: 0.61
Wasserstein Distance: 125.86



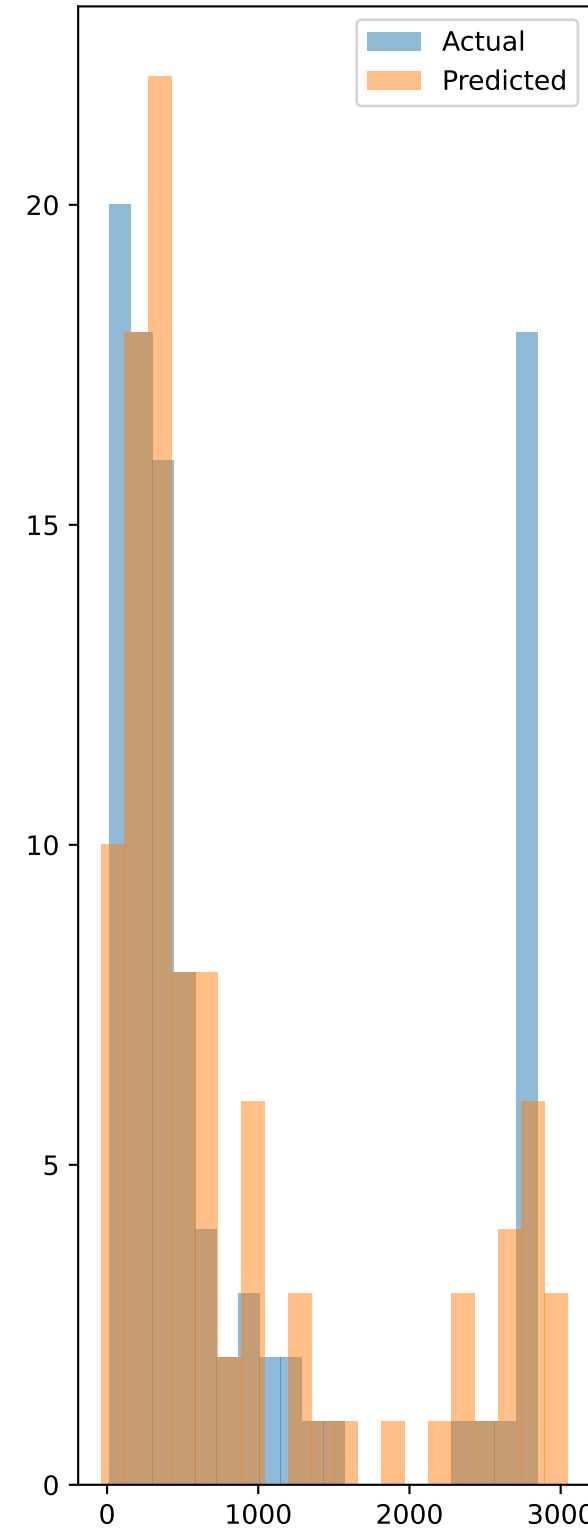
Distribution XGB model for
Ferritin
Black group
R2 score: 0.60
Wasserstein Distance: 143.64



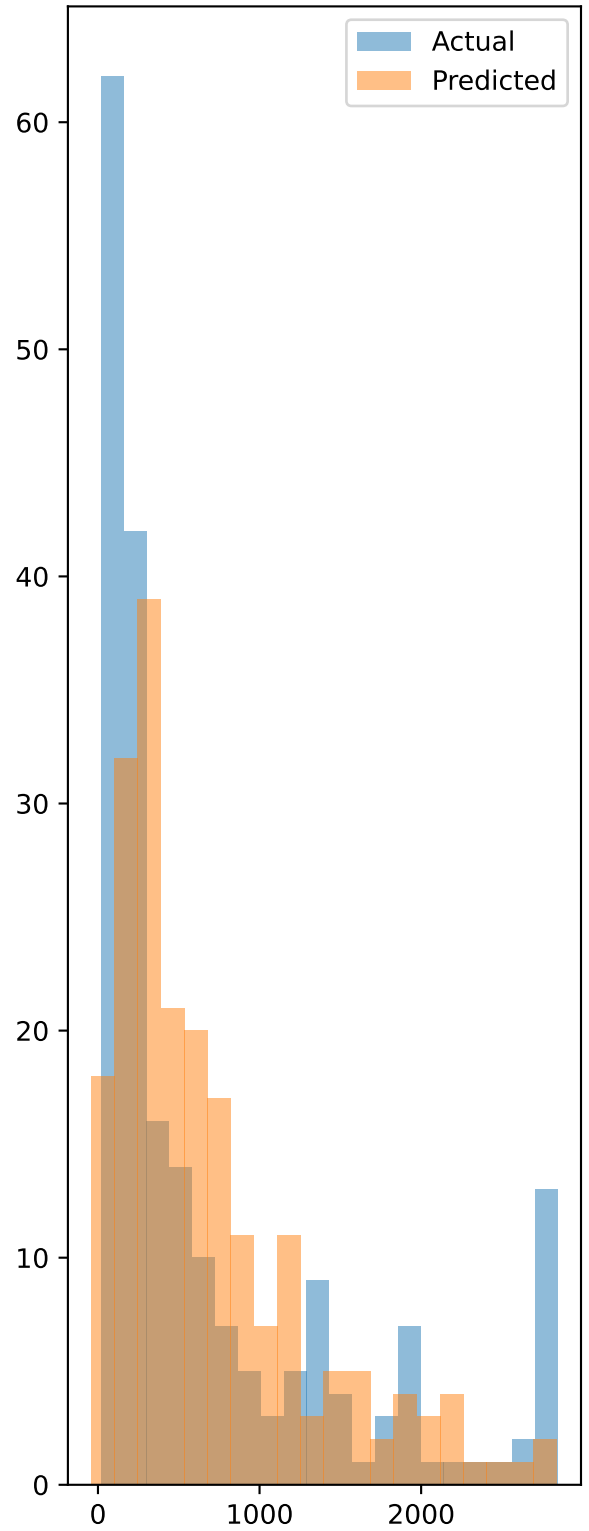
Distribution XGB model for
Ferritin
Hispanic group
R2 score: 0.71
Wasserstein Distance: 134.69



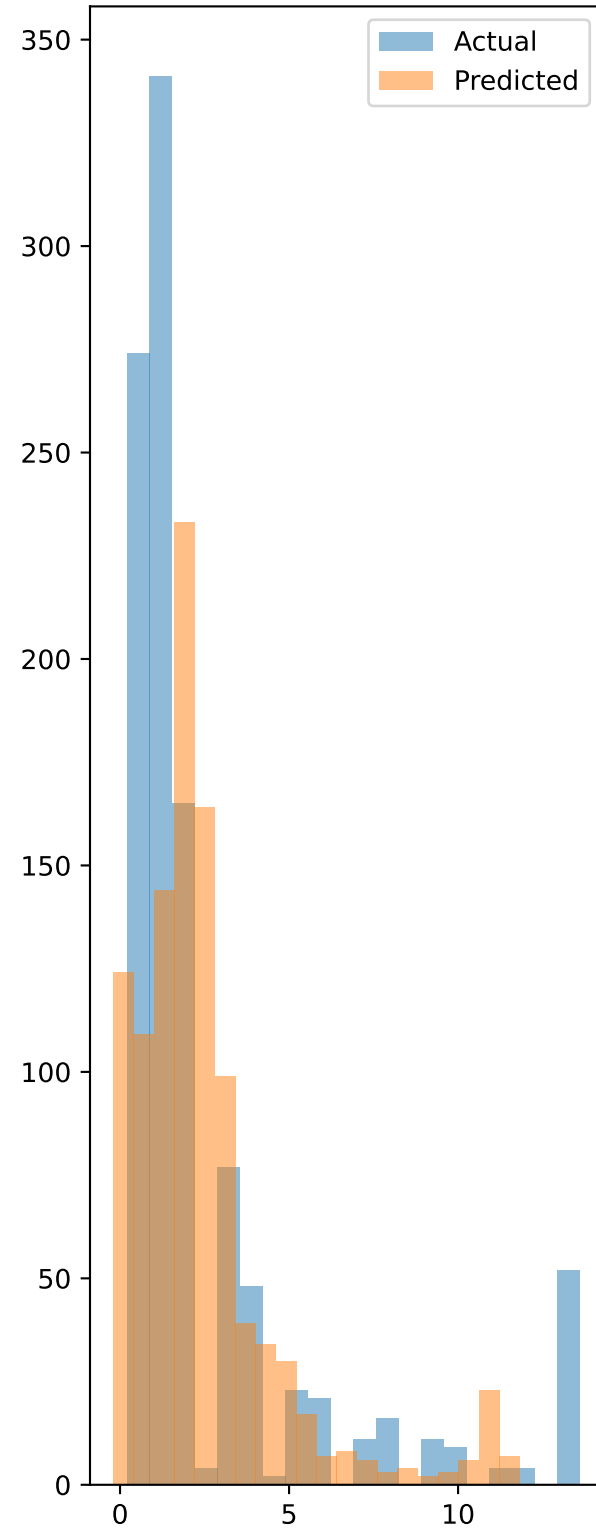
Distribution XGB model for
Ferritin
Asian group
R2 score: 0.90
Wasserstein Distance: 98.33



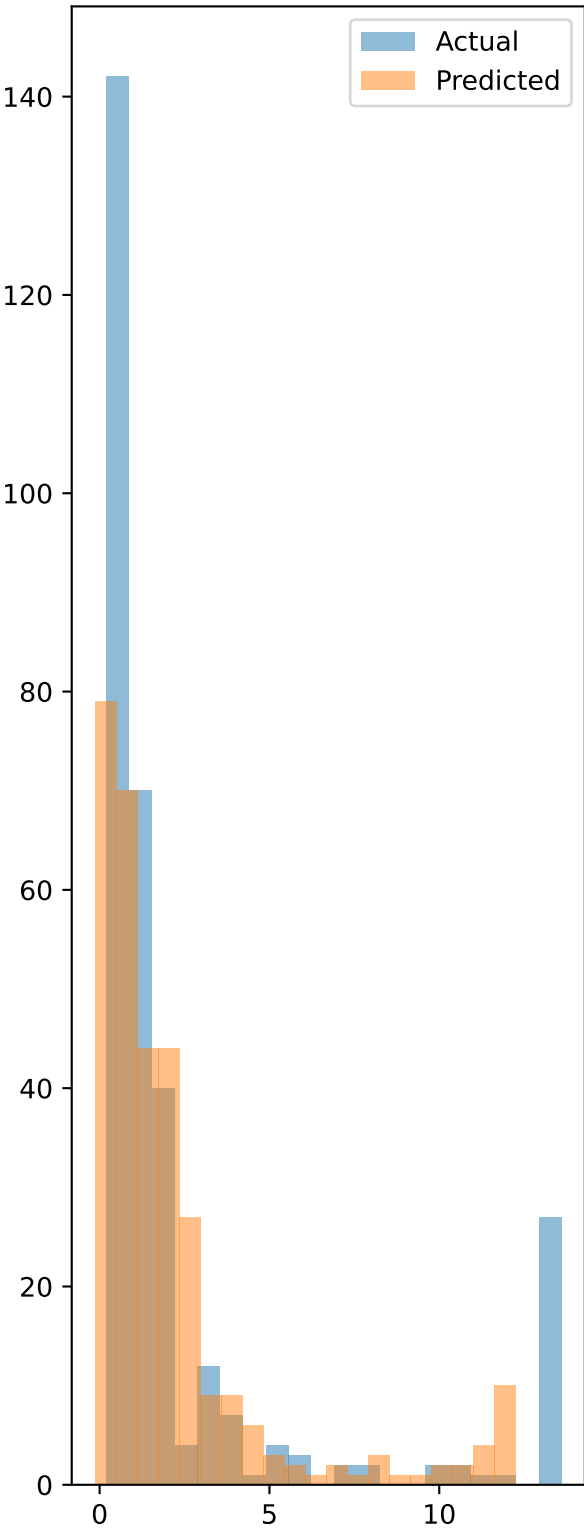
Distribution XGB model for
Ferritin
Others group
R2 score: 0.61
Wasserstein Distance: 180.25



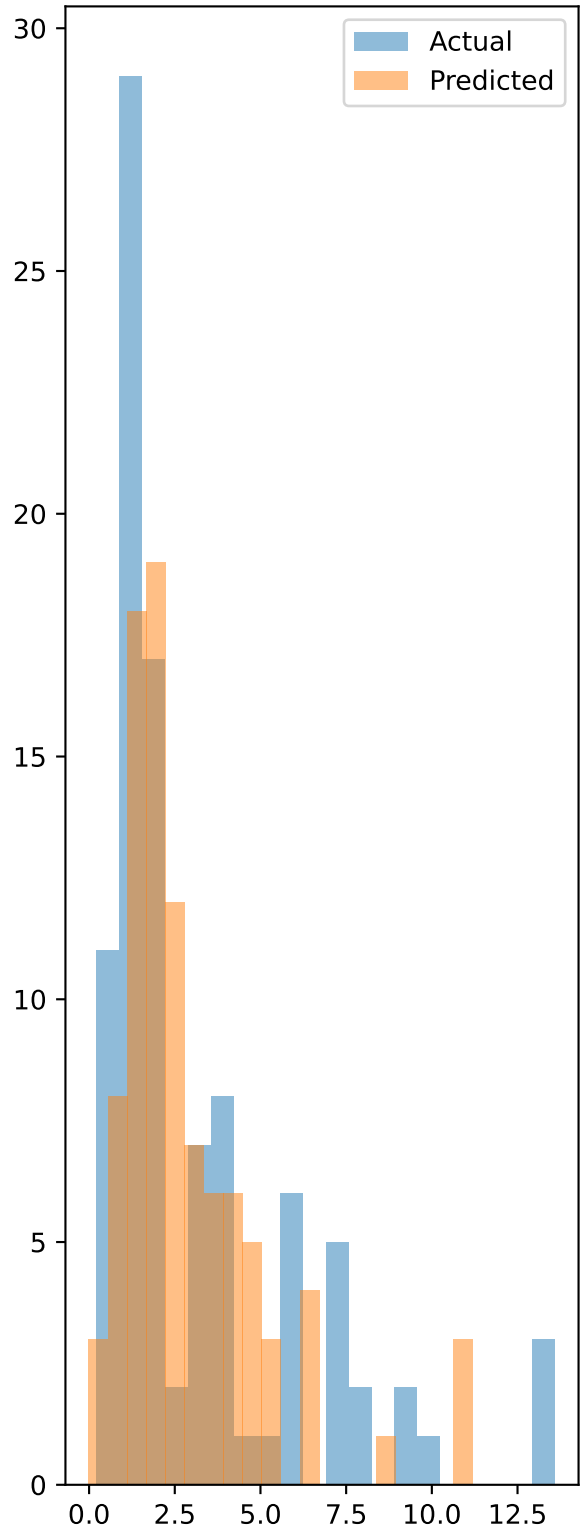
Distribution XGB model for
Nucleated Red Cells
White group
R2 score: 0.53
Wasserstein Distance: 0.78



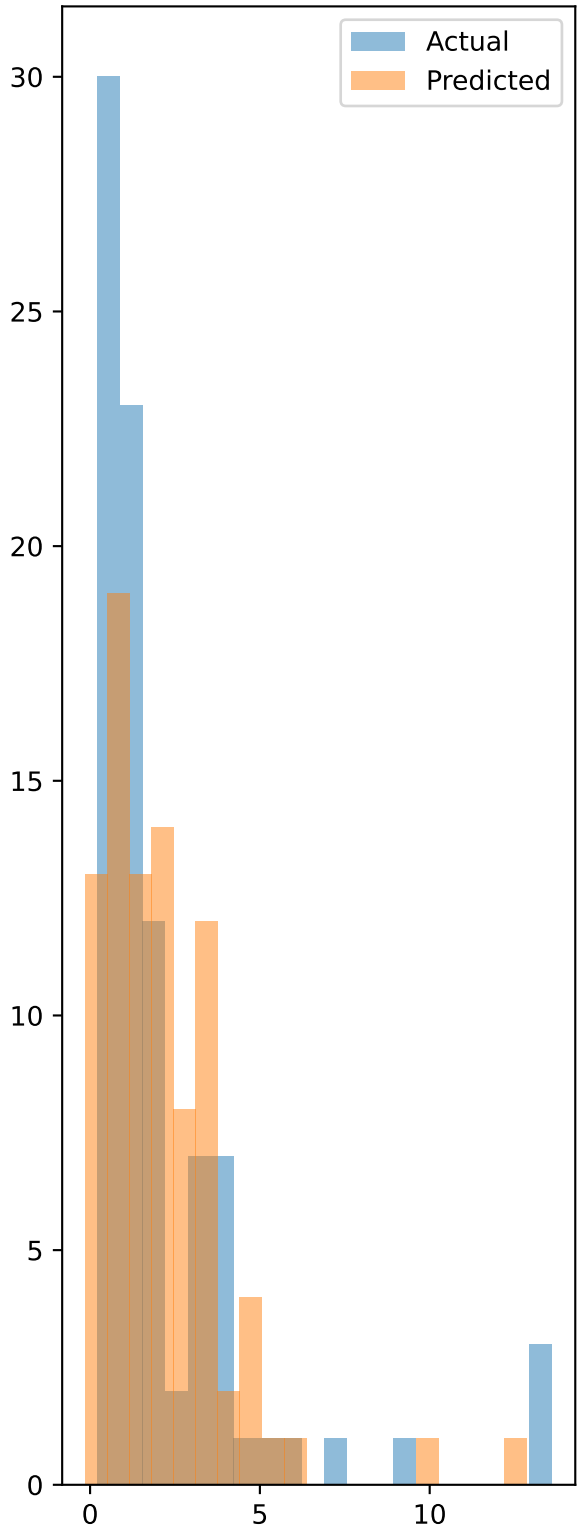
Distribution XGB model for
Nucleated Red Cells
Black group
R2 score: 0.69
Wasserstein Distance: 0.67



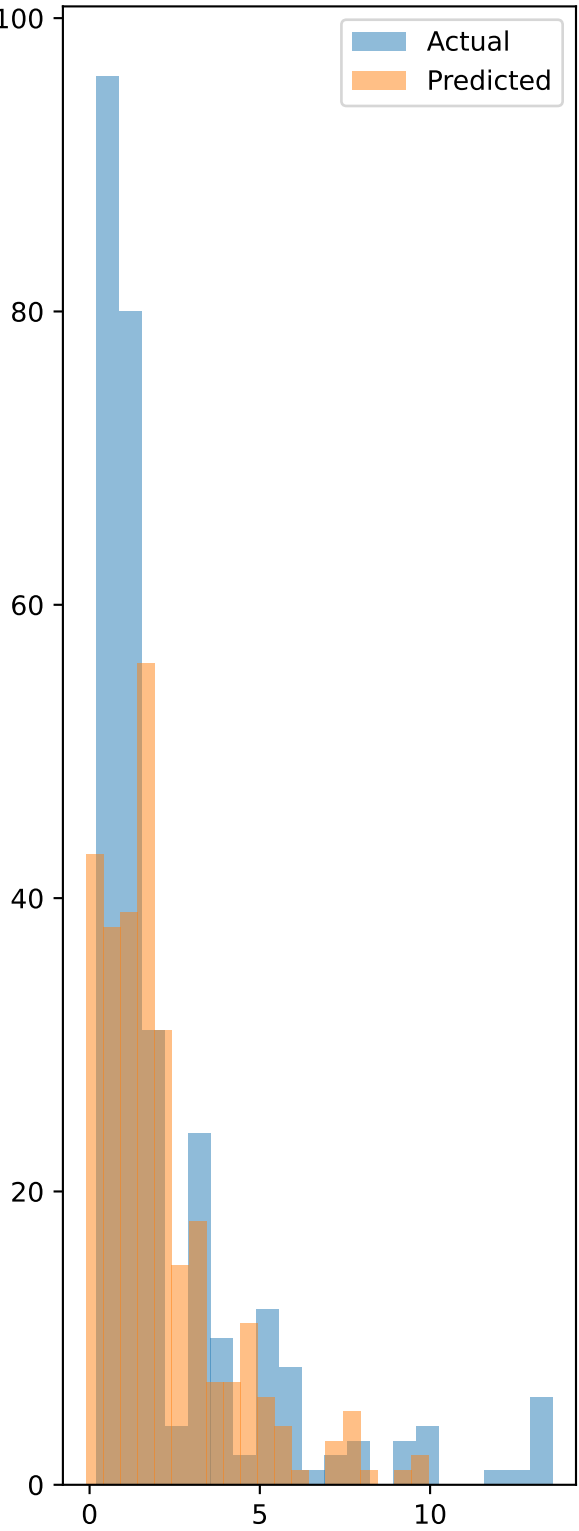
Distribution XGB model for
Nucleated Red Cells
Hispanic group
R2 score: 0.32
Wasserstein Distance: 0.69

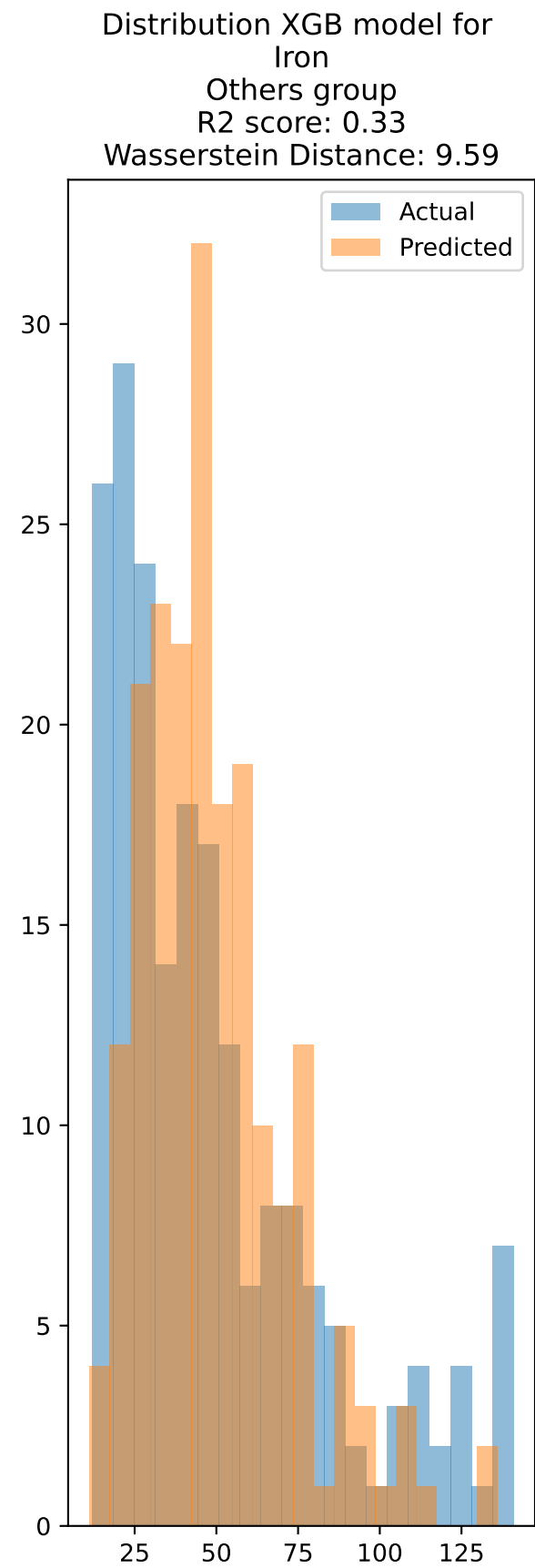
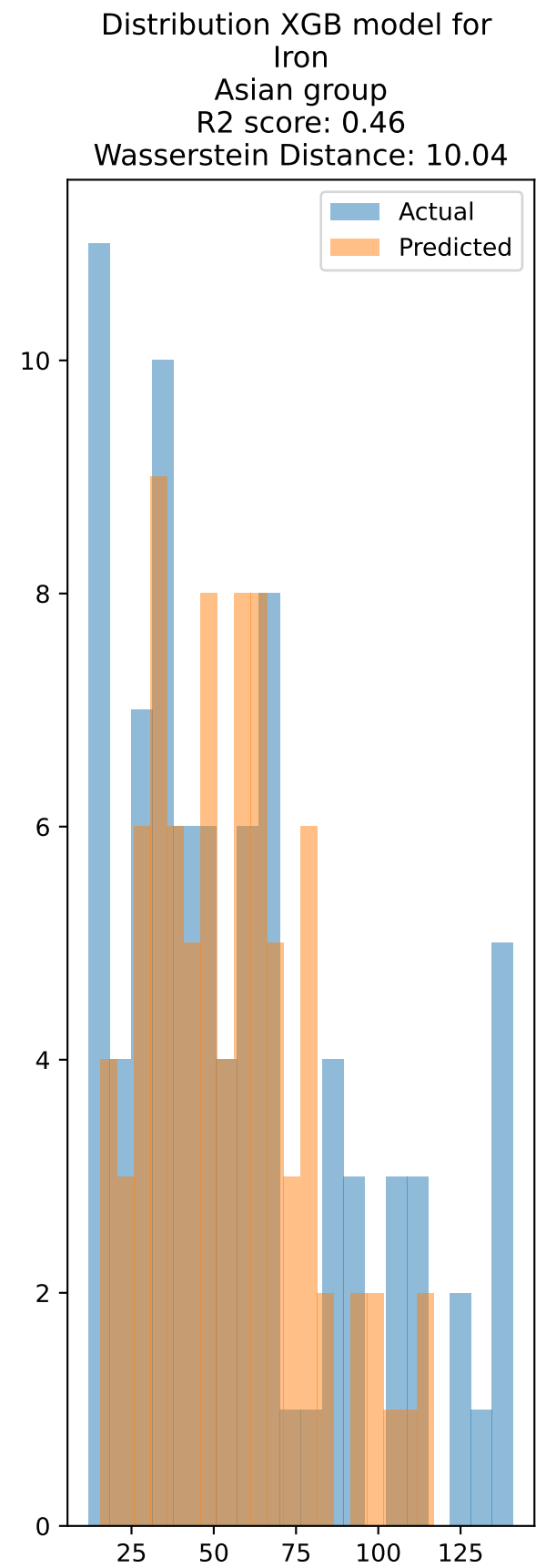
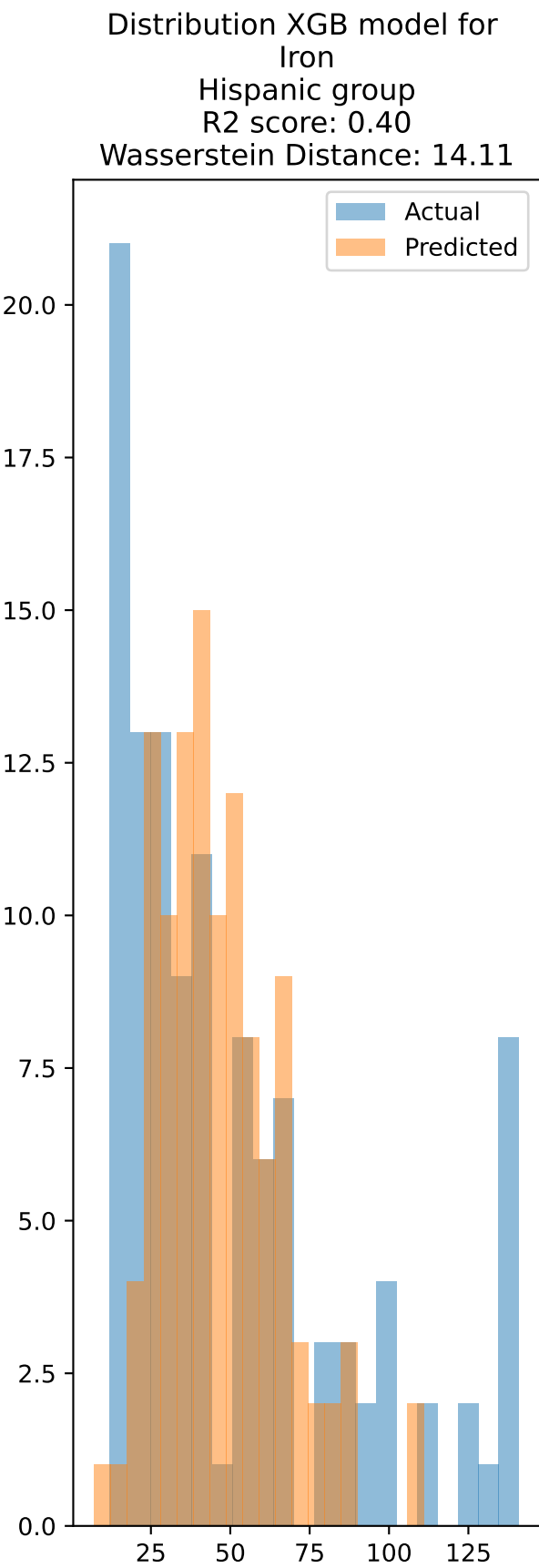
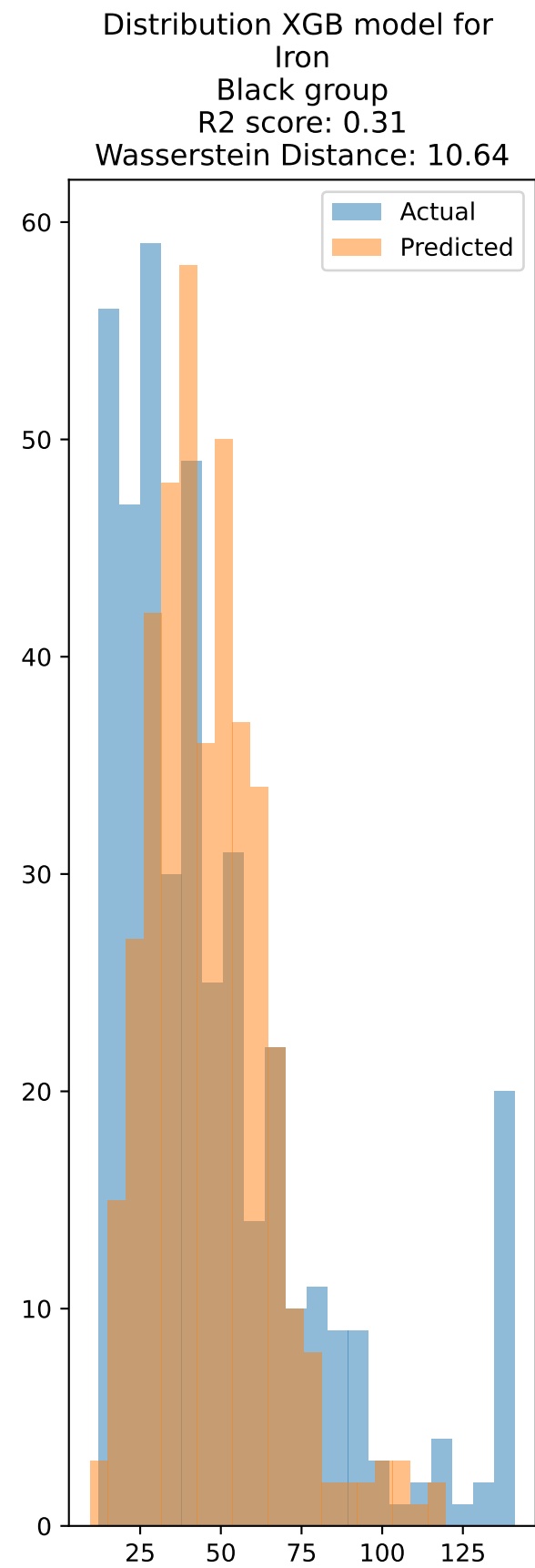
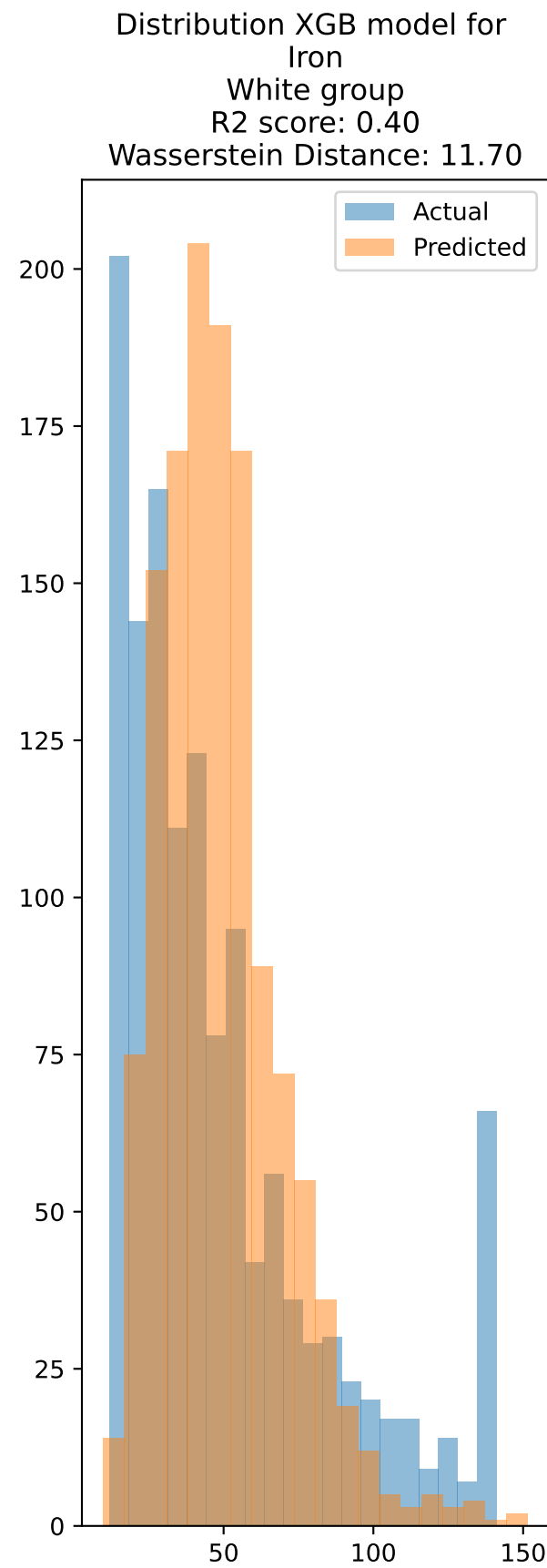


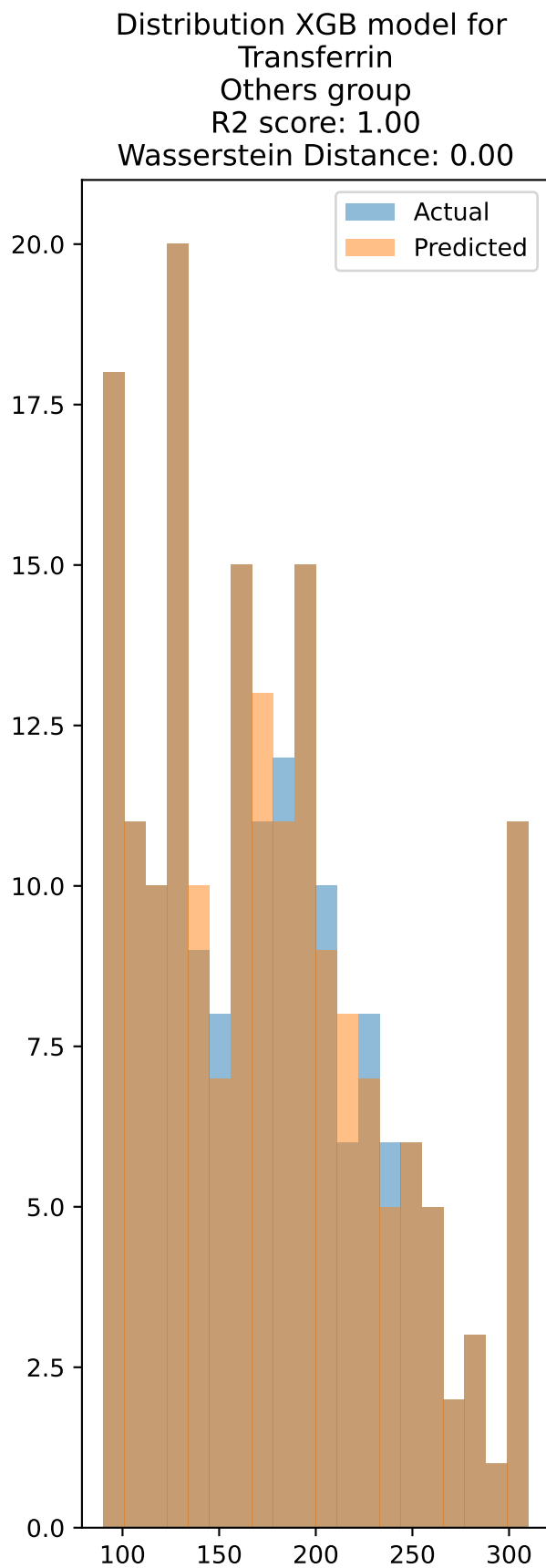
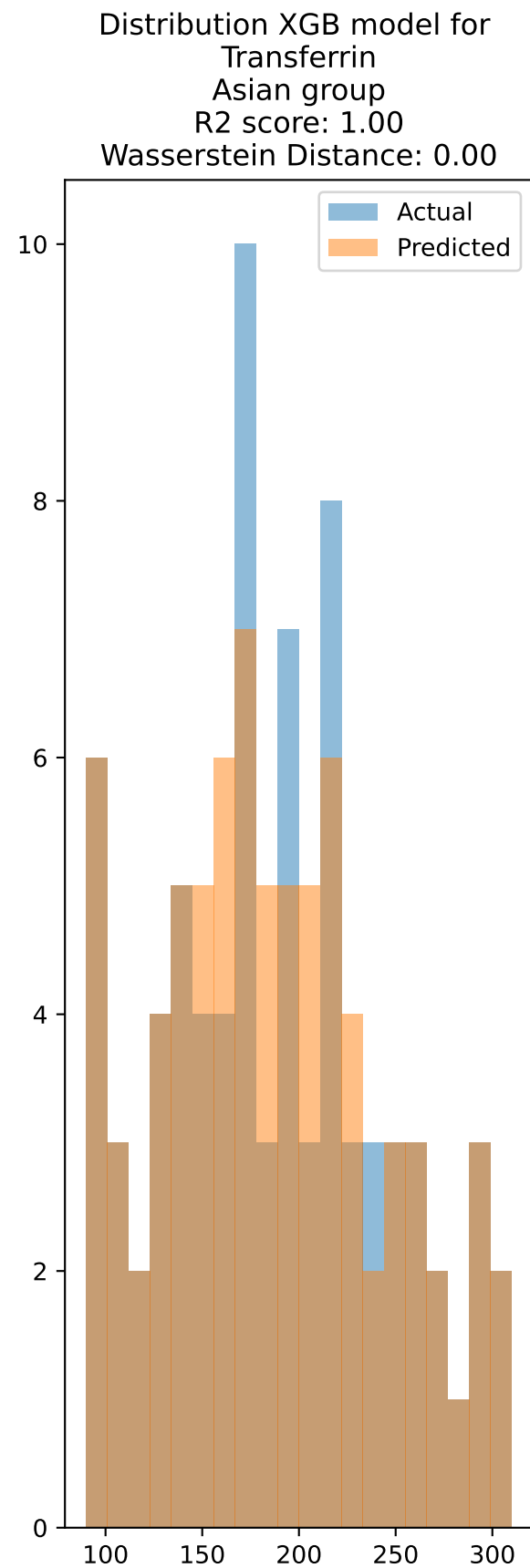
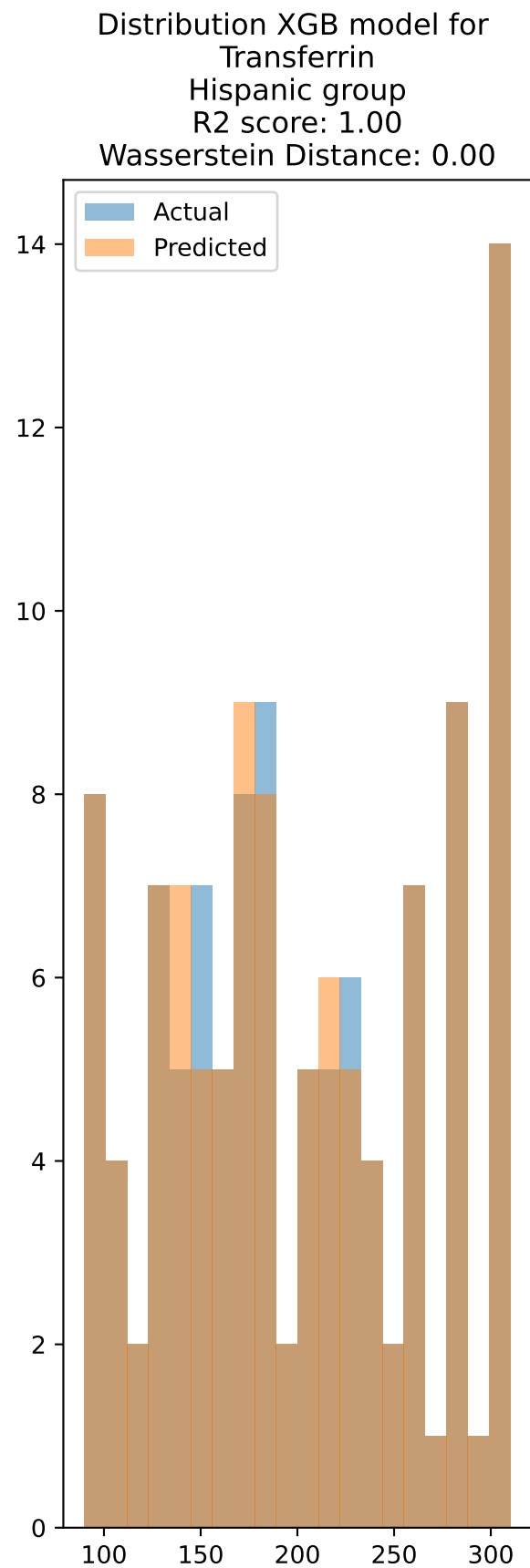
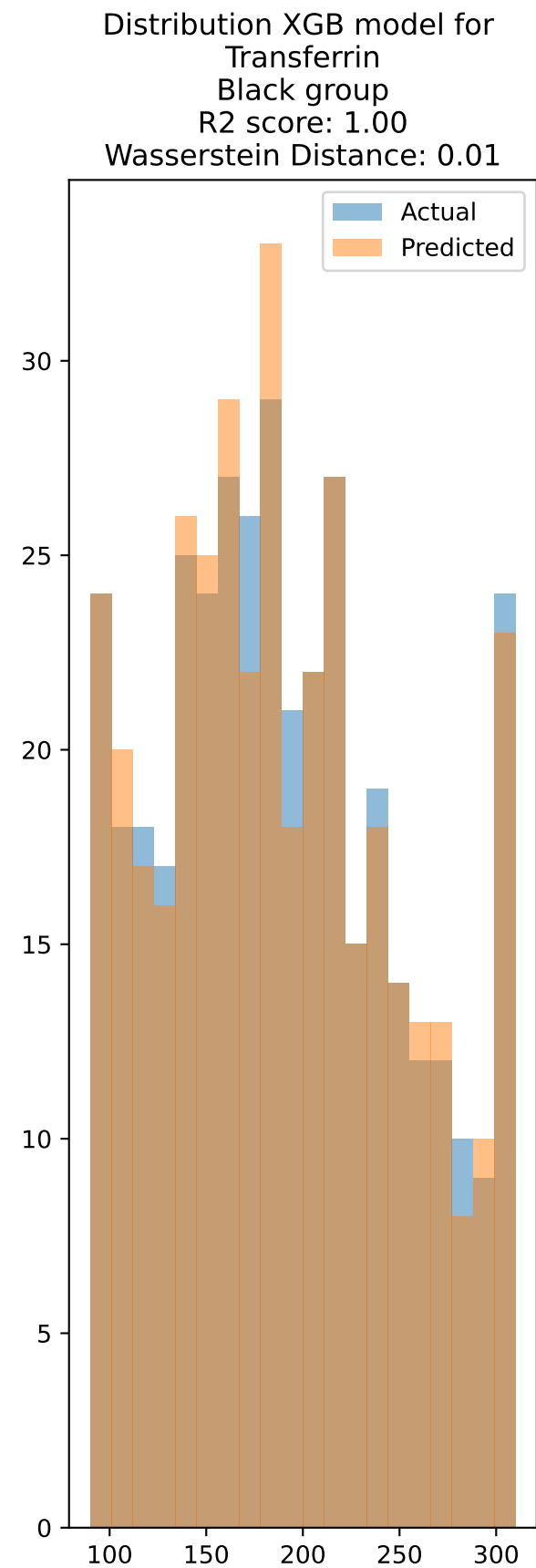
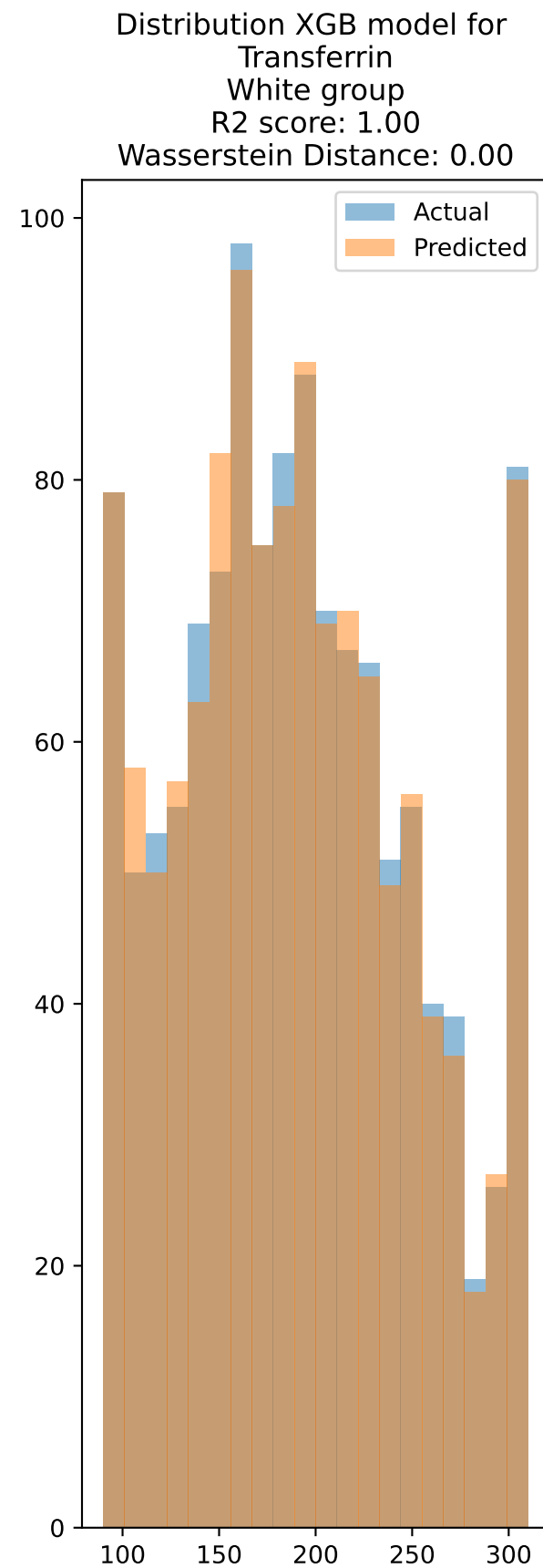
Distribution XGB model for
Nucleated Red Cells
Asian group
R2 score: 0.33
Wasserstein Distance: 0.57

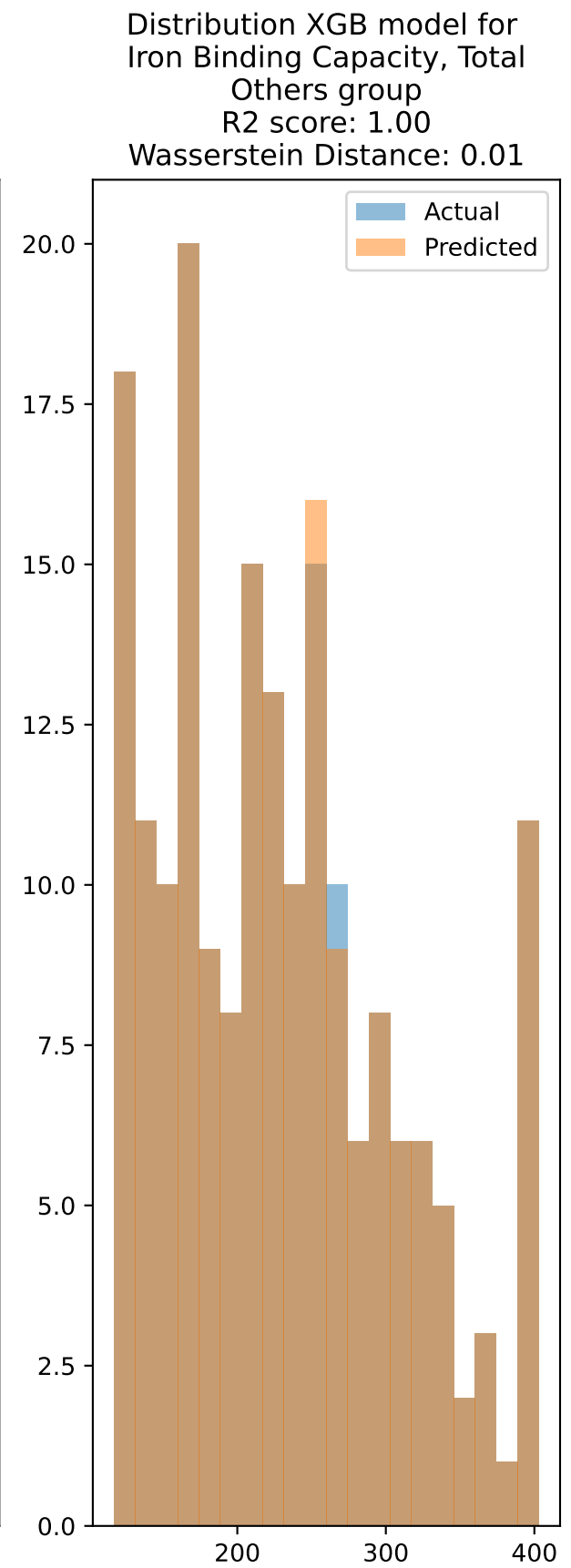
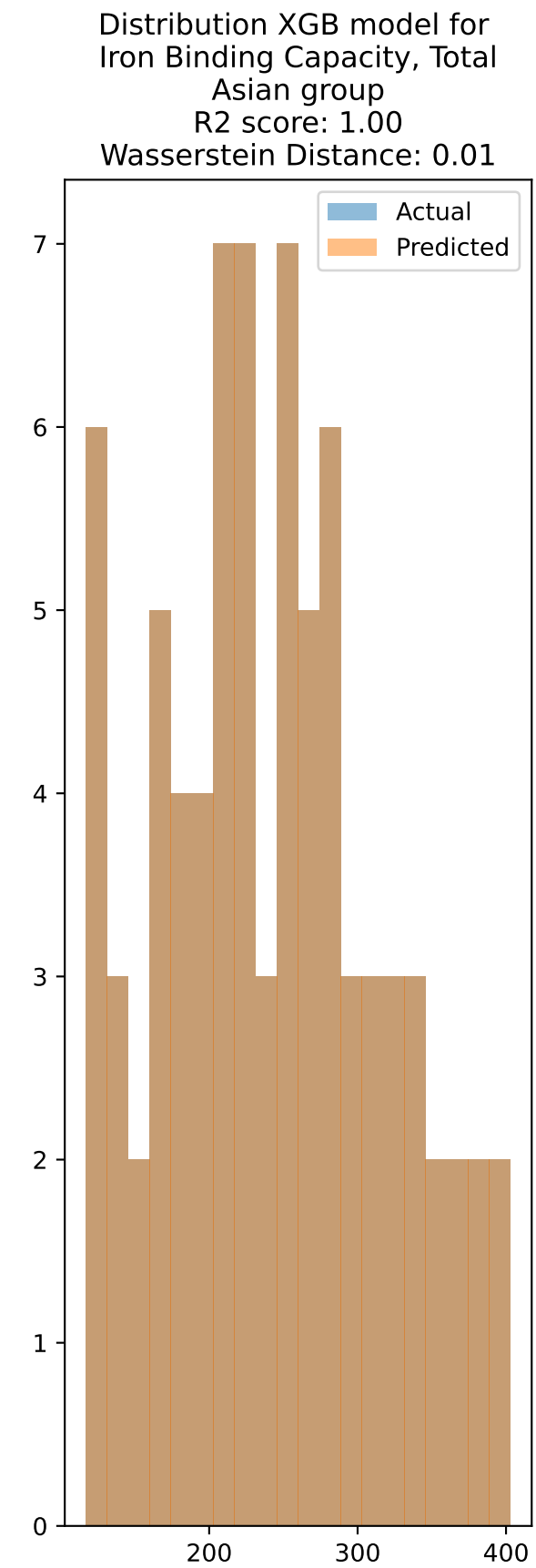
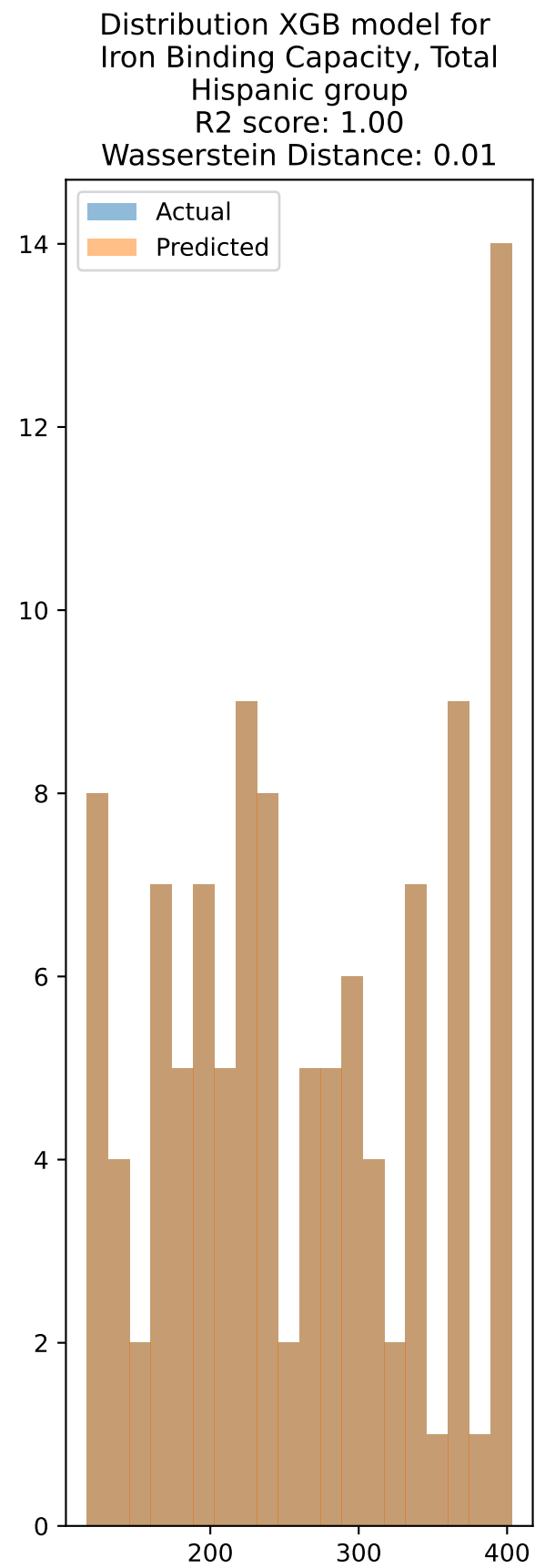
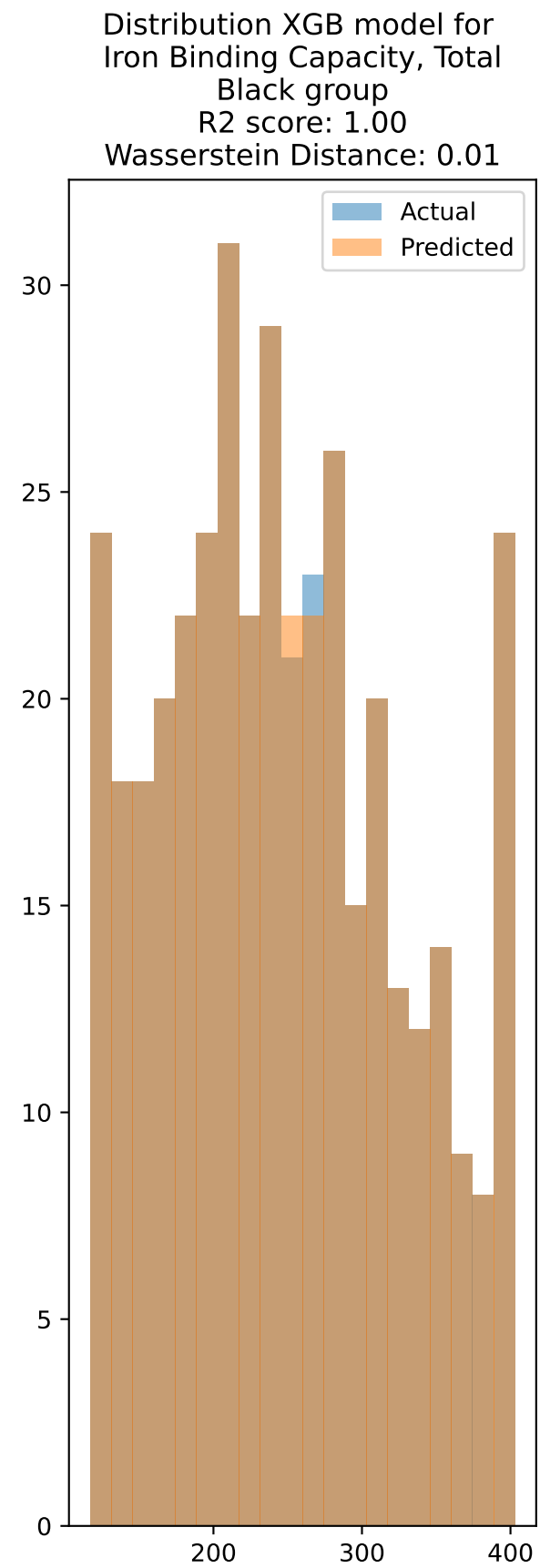
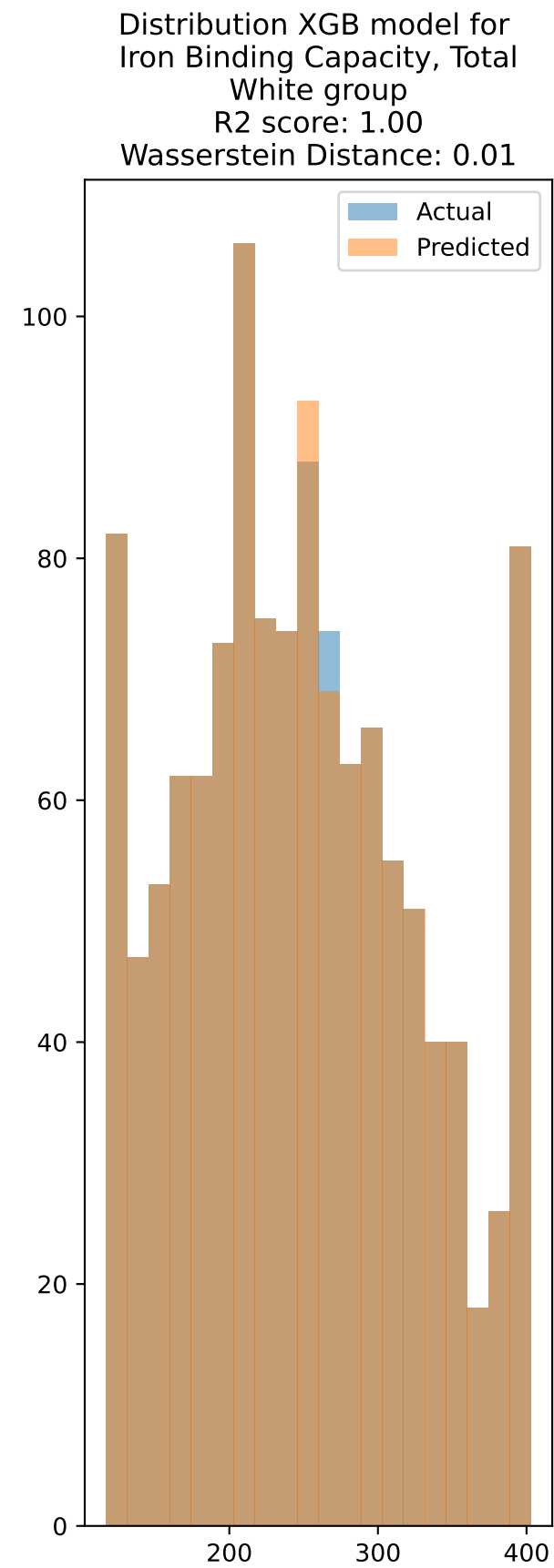


Distribution XGB model for
Nucleated Red Cells
Others group
R2 score: 0.48
Wasserstein Distance: 0.54

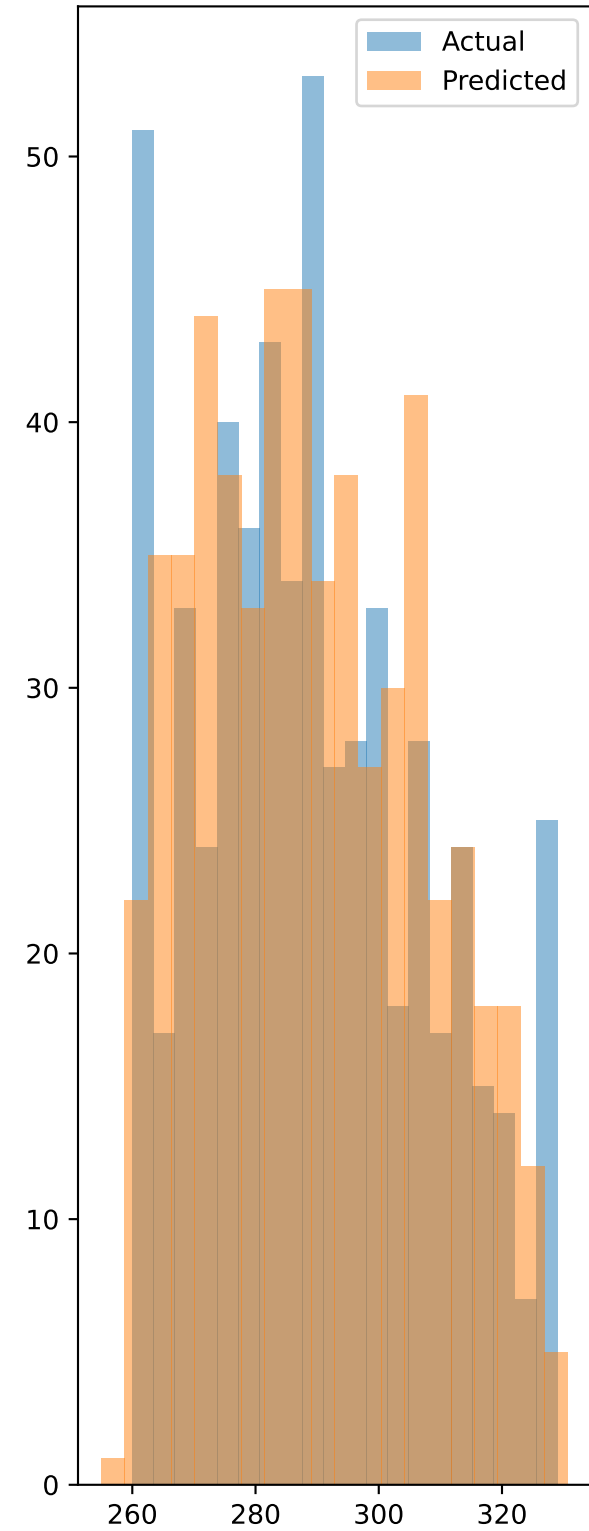




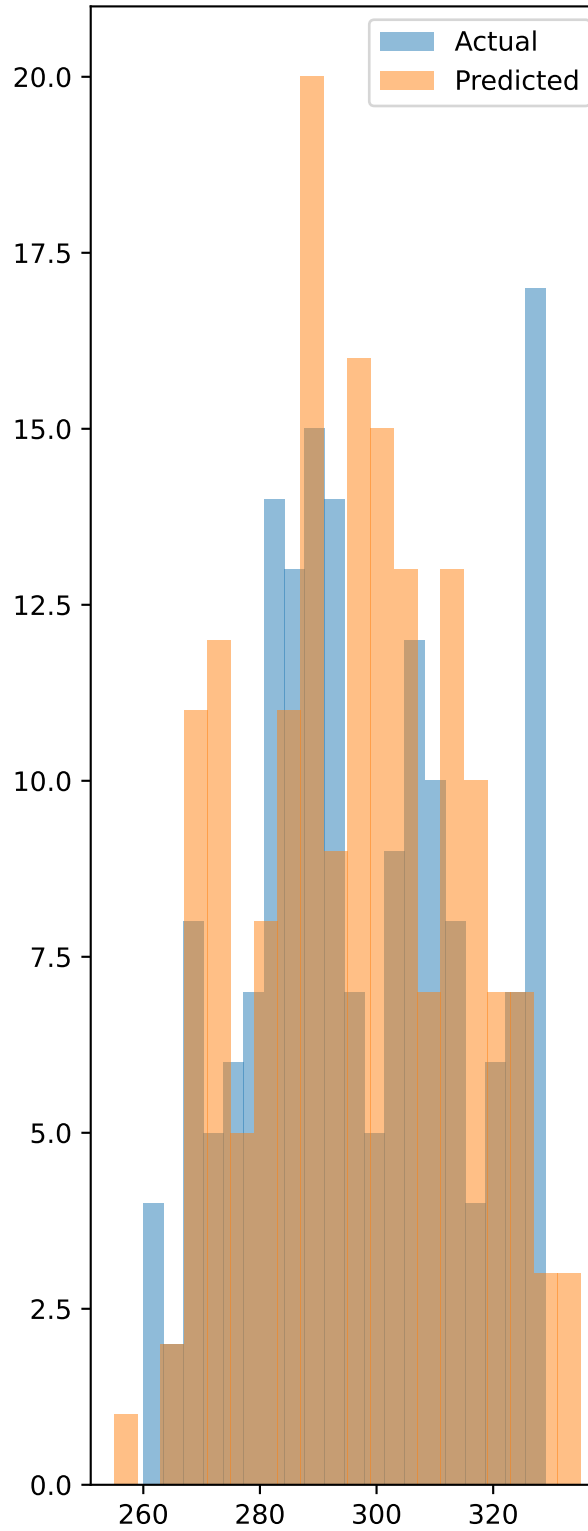




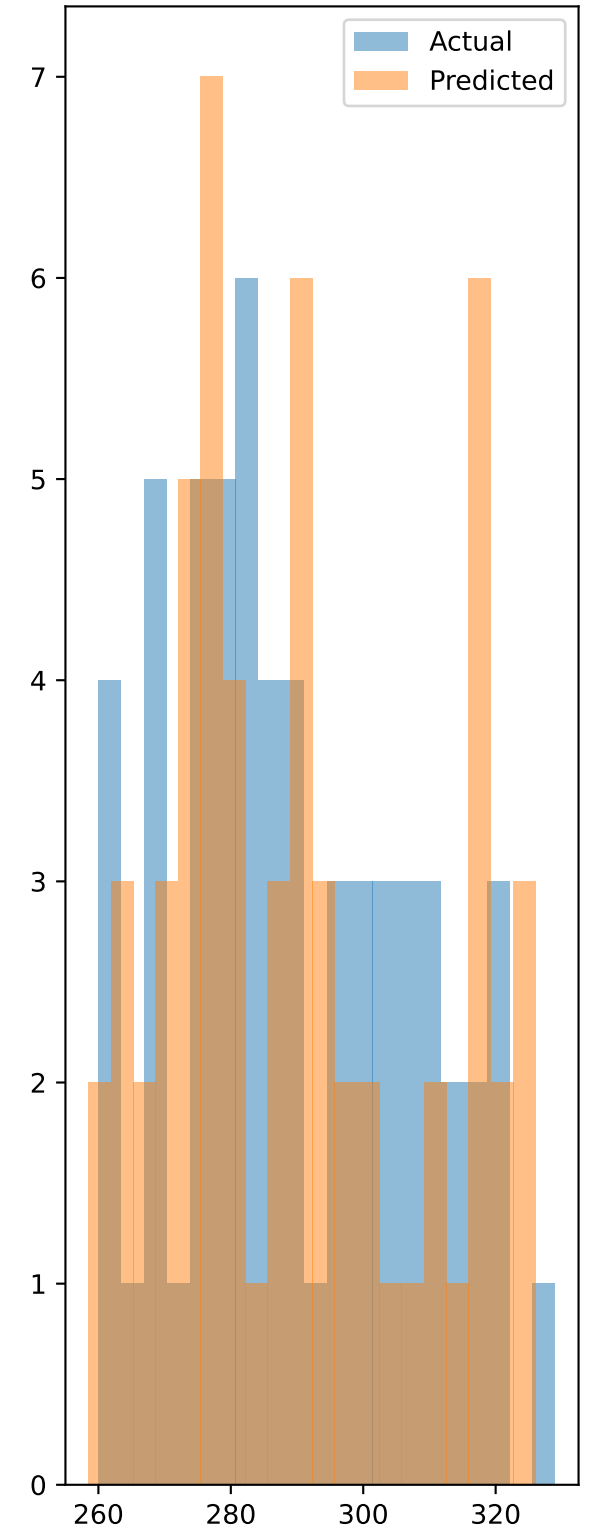
Distribution XGB model for
Osmolality, Measured
White group
R2 score: 0.85
Wasserstein Distance: 1.11



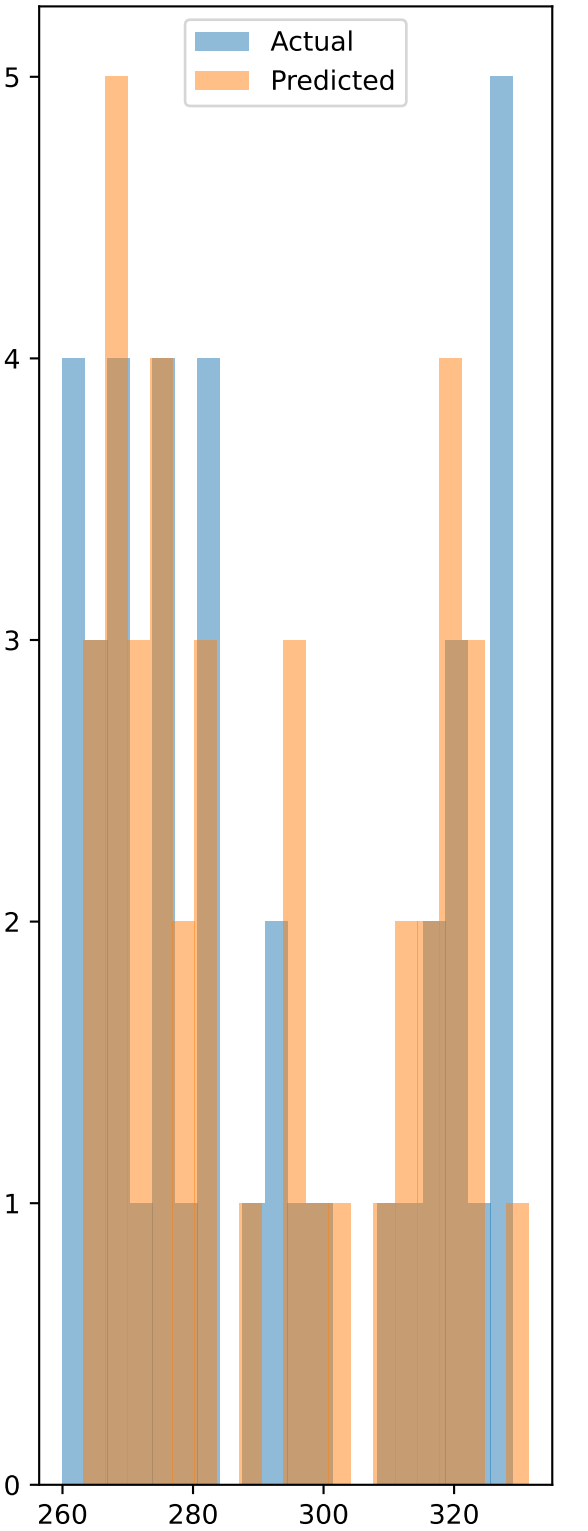
Distribution XGB model for
Osmolality, Measured
Black group
R2 score: 0.85
Wasserstein Distance: 2.00



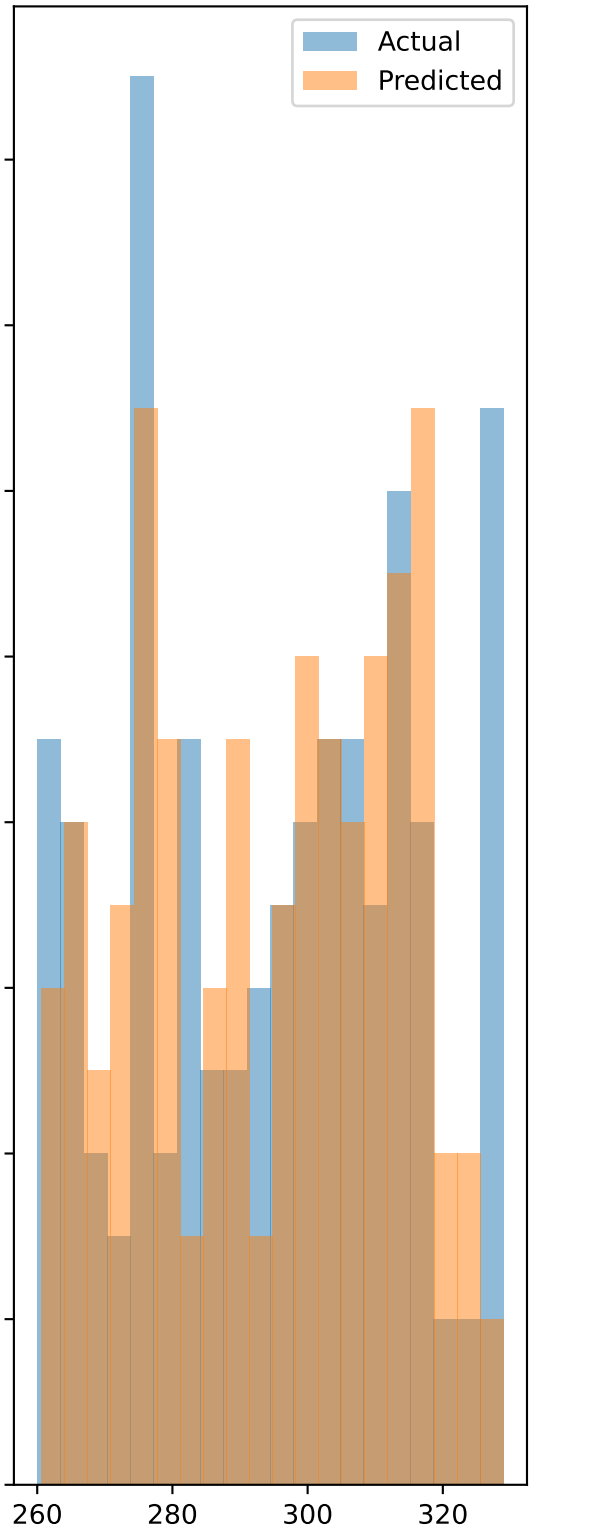
Distribution XGB model for
Osmolality, Measured
Hispanic group
R2 score: 0.90
Wasserstein Distance: 2.27



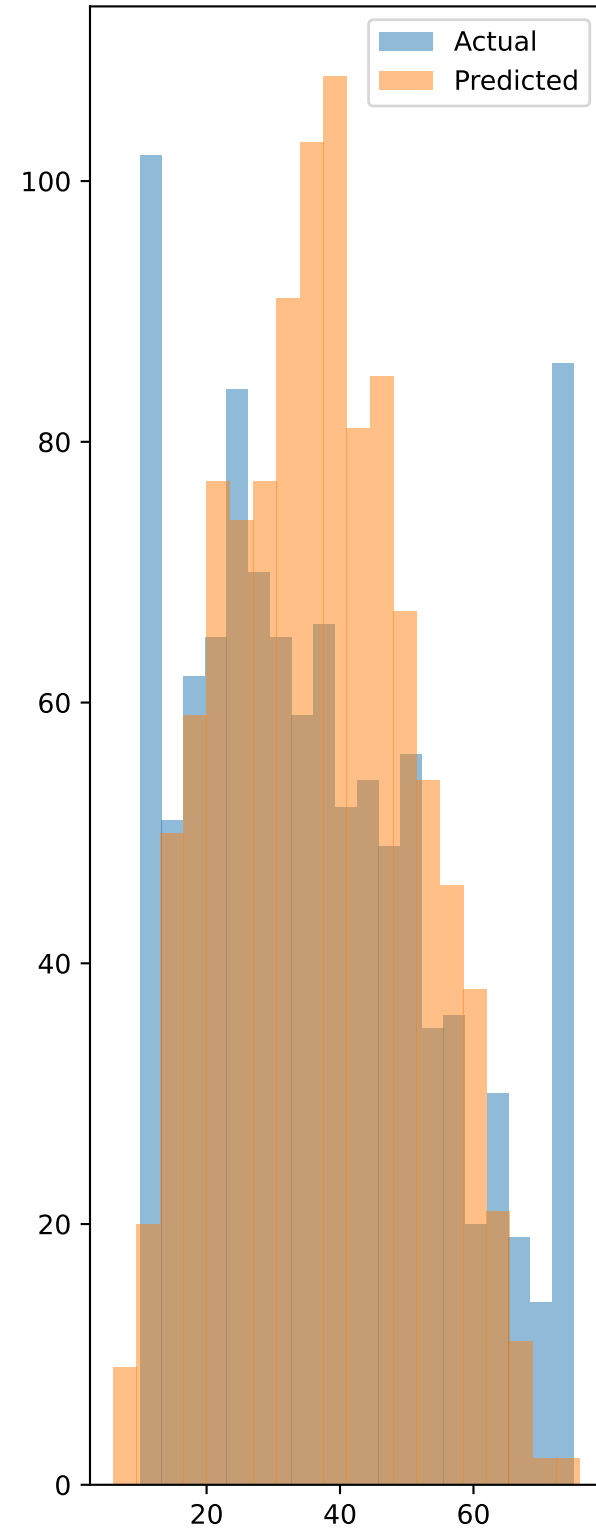
Distribution XGB model for
Osmolality, Measured
Asian group
R2 score: 0.92
Wasserstein Distance: 2.74



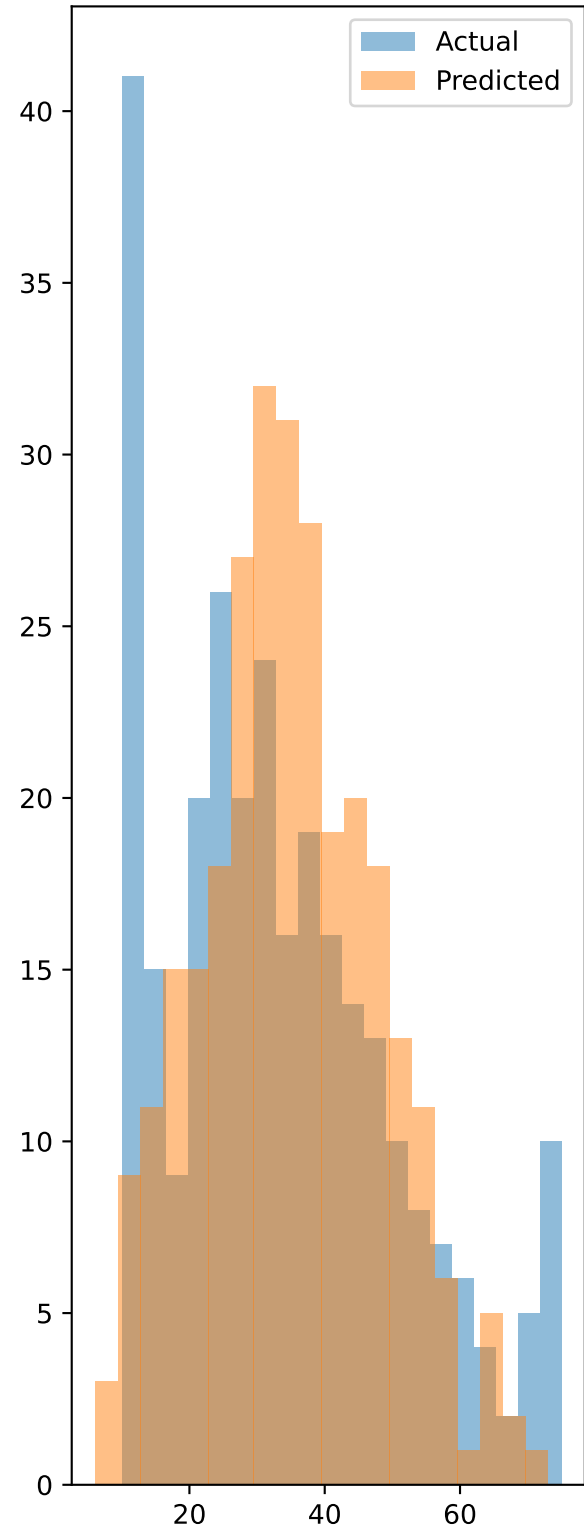
Distribution XGB model for
Osmolality, Measured
Others group
R2 score: 0.86
Wasserstein Distance: 1.59



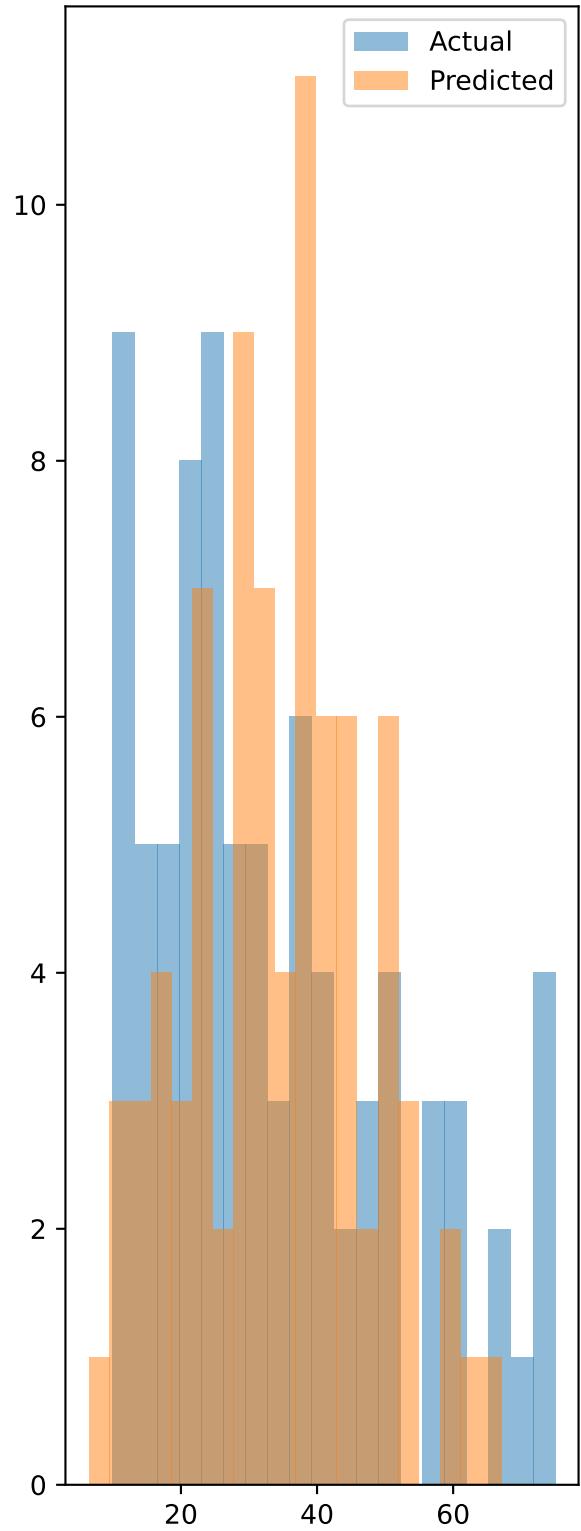
Distribution XGB model for
Potassium, Urine
White group
R2 score: 0.57
Wasserstein Distance: 4.58



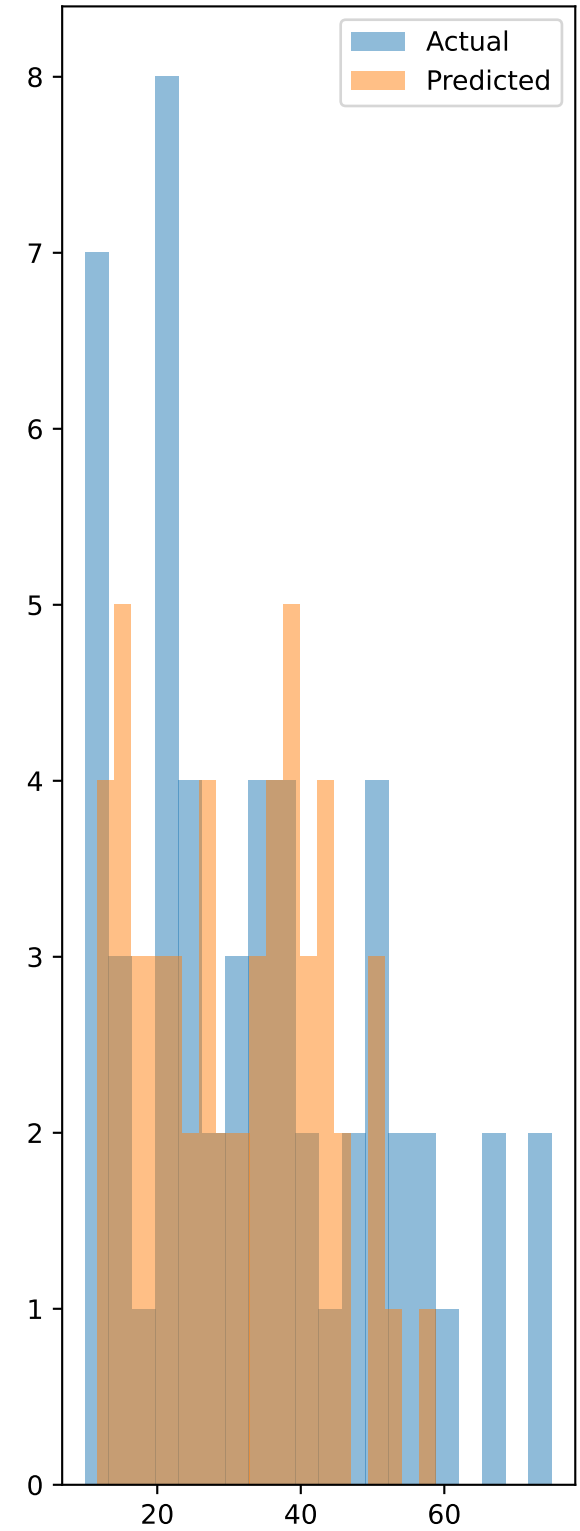
Distribution XGB model for
Potassium, Urine
Black group
R2 score: 0.53
Wasserstein Distance: 4.13



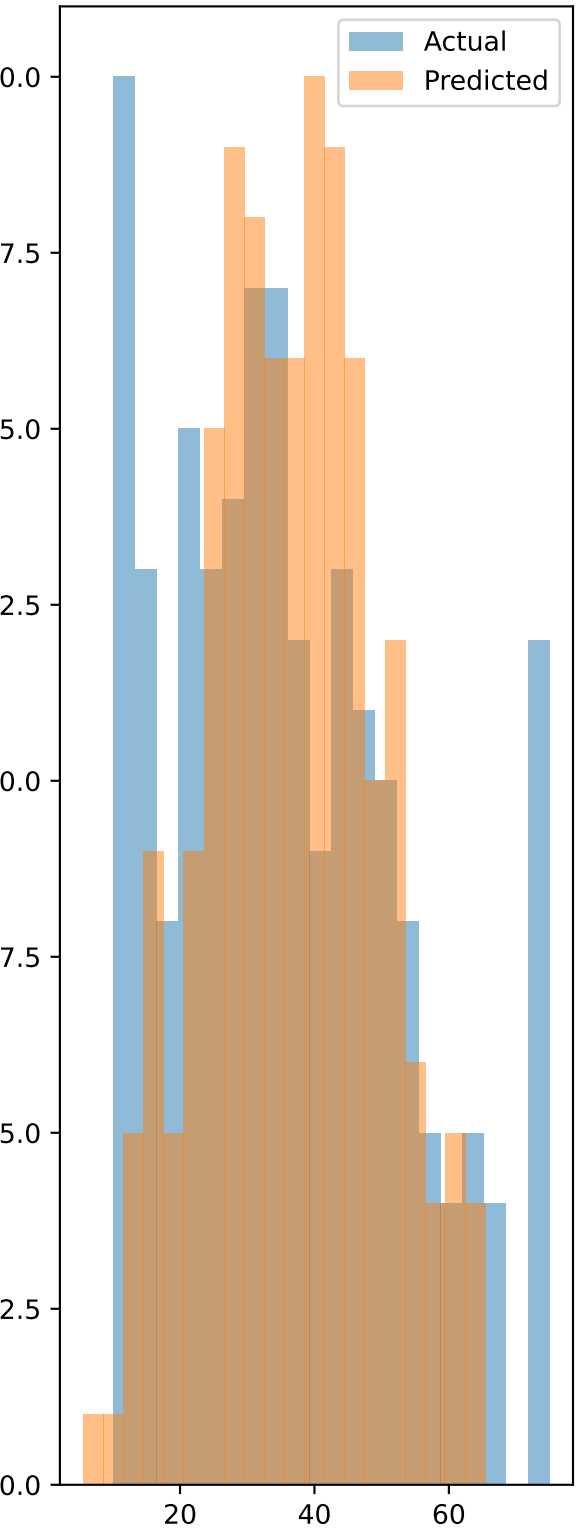
Distribution XGB model for
Potassium, Urine
Hispanic group
R2 score: 0.51
Wasserstein Distance: 5.44



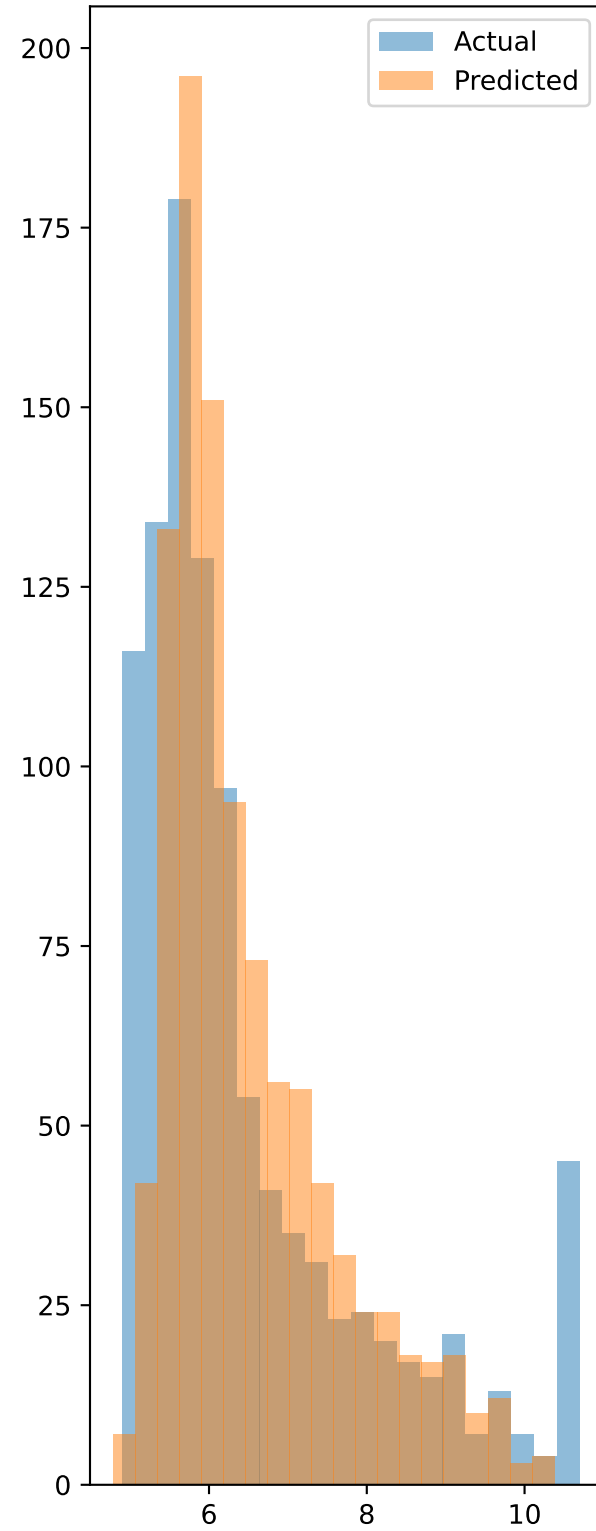
Distribution XGB model for
Potassium, Urine
Asian group
R2 score: 0.68
Wasserstein Distance: 4.26



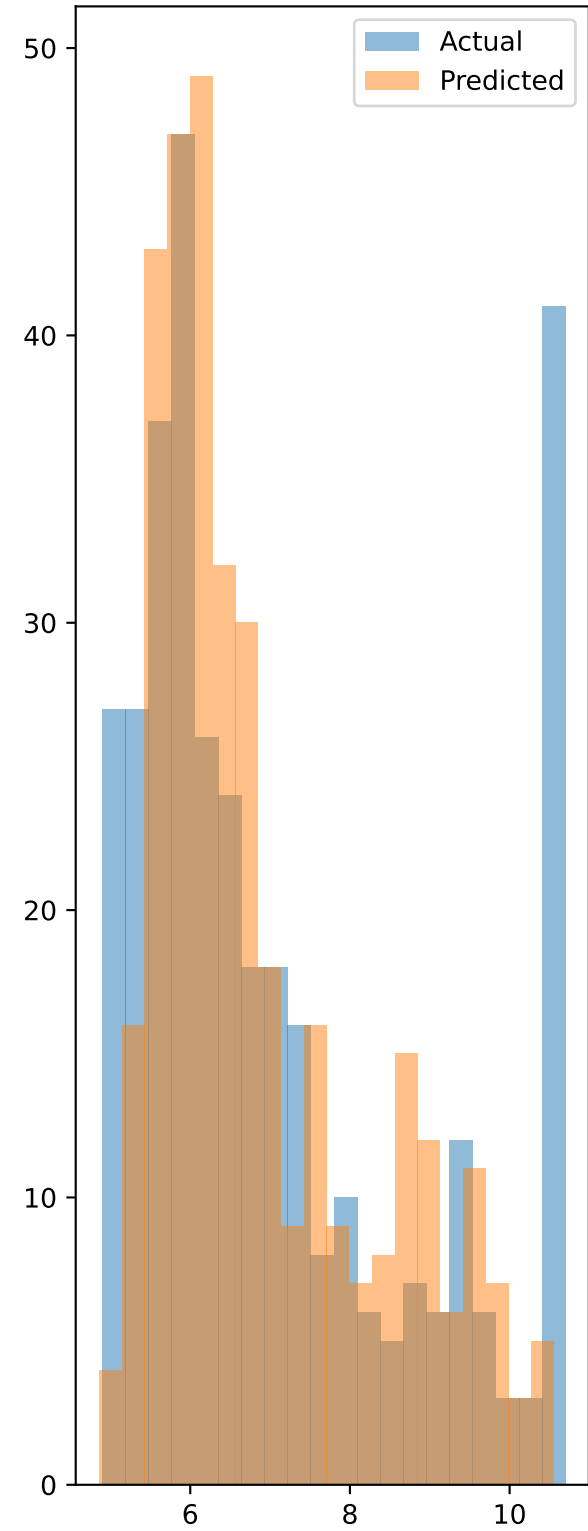
Distribution XGB model for
Potassium, Urine
Others group
R2 score: 0.50
Wasserstein Distance: 4.89



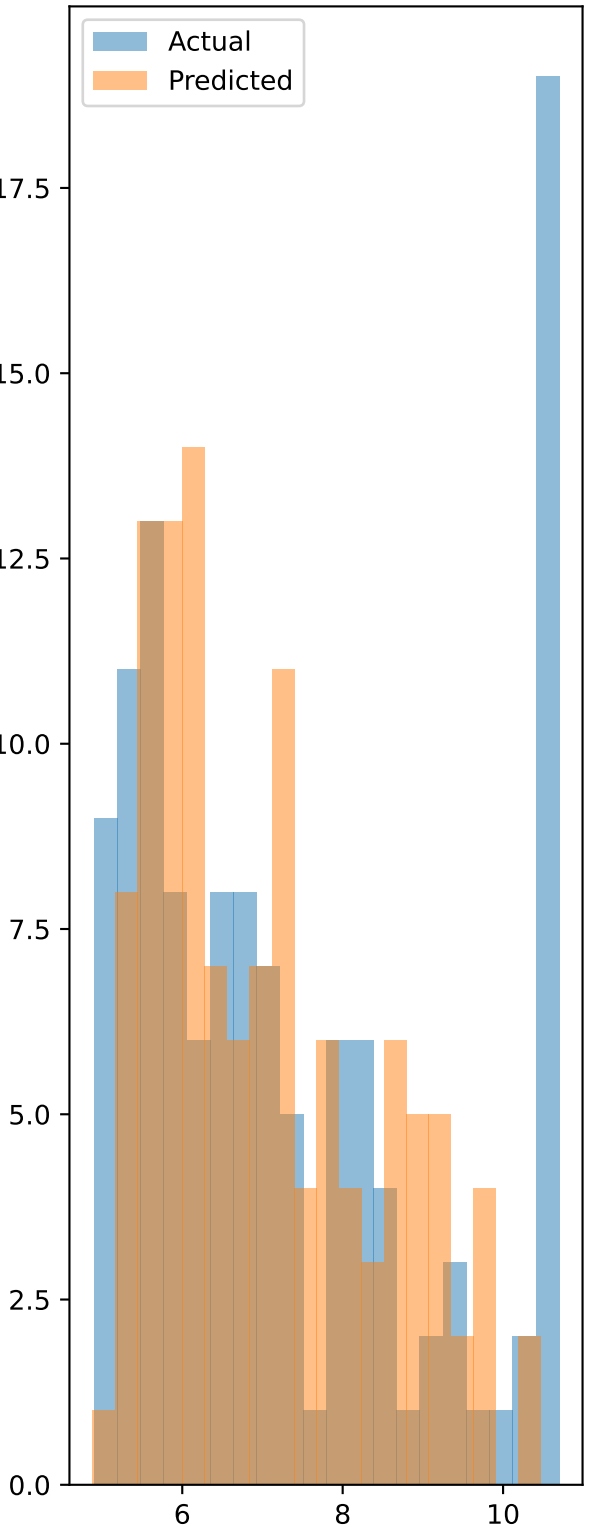
Distribution XGB model for
% Hemoglobin A1c
White group
R2 score: 0.57
Wasserstein Distance: 0.33



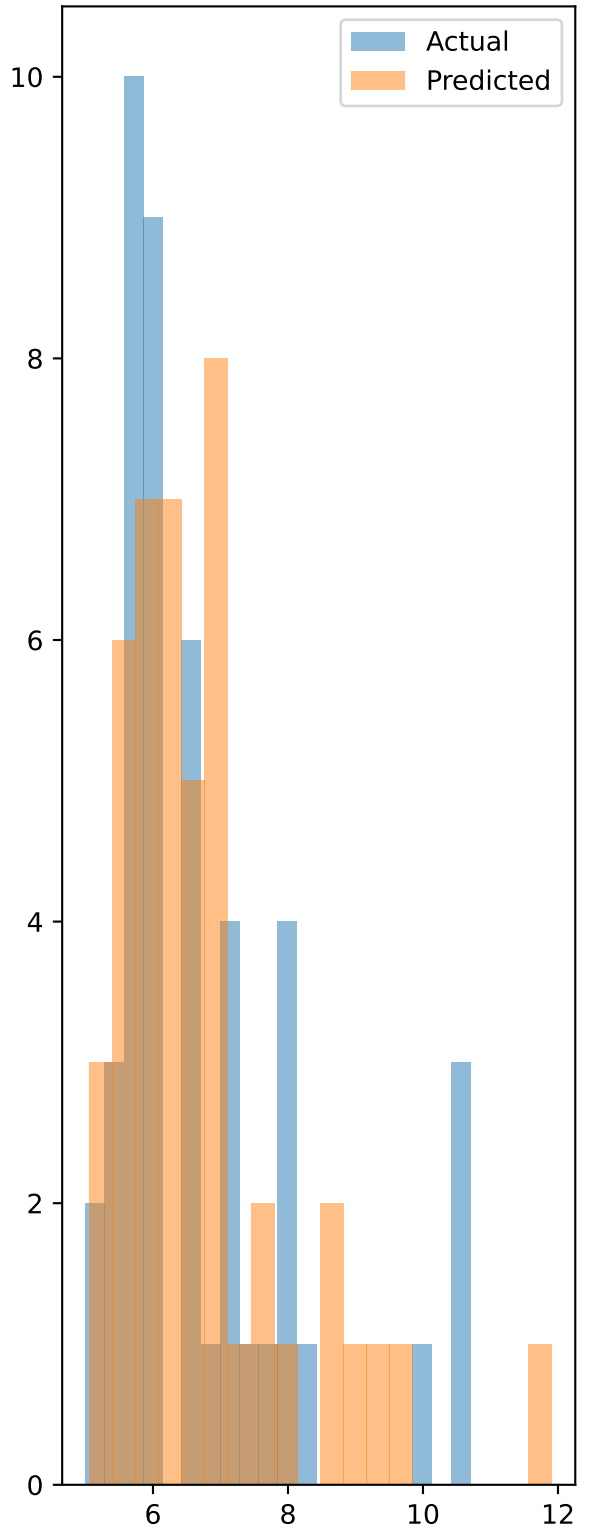
Distribution XGB model for
% Hemoglobin A1c
Black group
R2 score: 0.62
Wasserstein Distance: 0.40



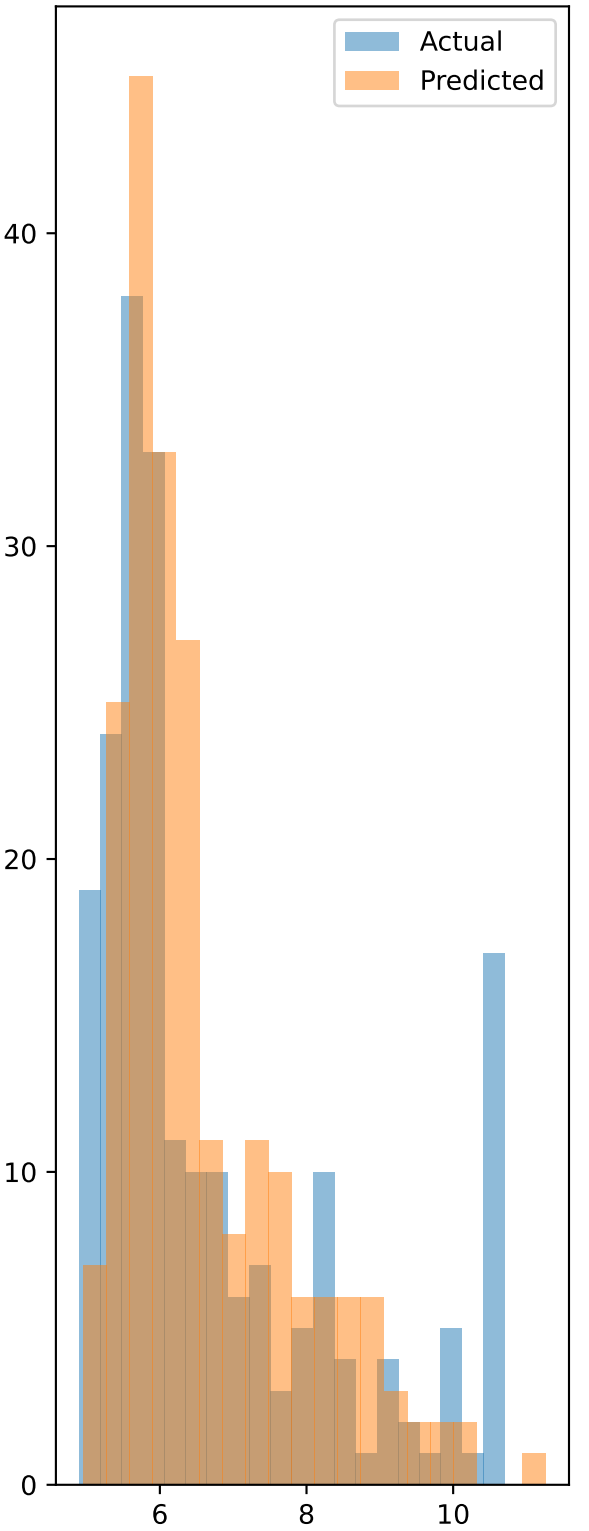
Distribution XGB model for
% Hemoglobin A1c
Hispanic group
R2 score: 0.38
Wasserstein Distance: 0.47

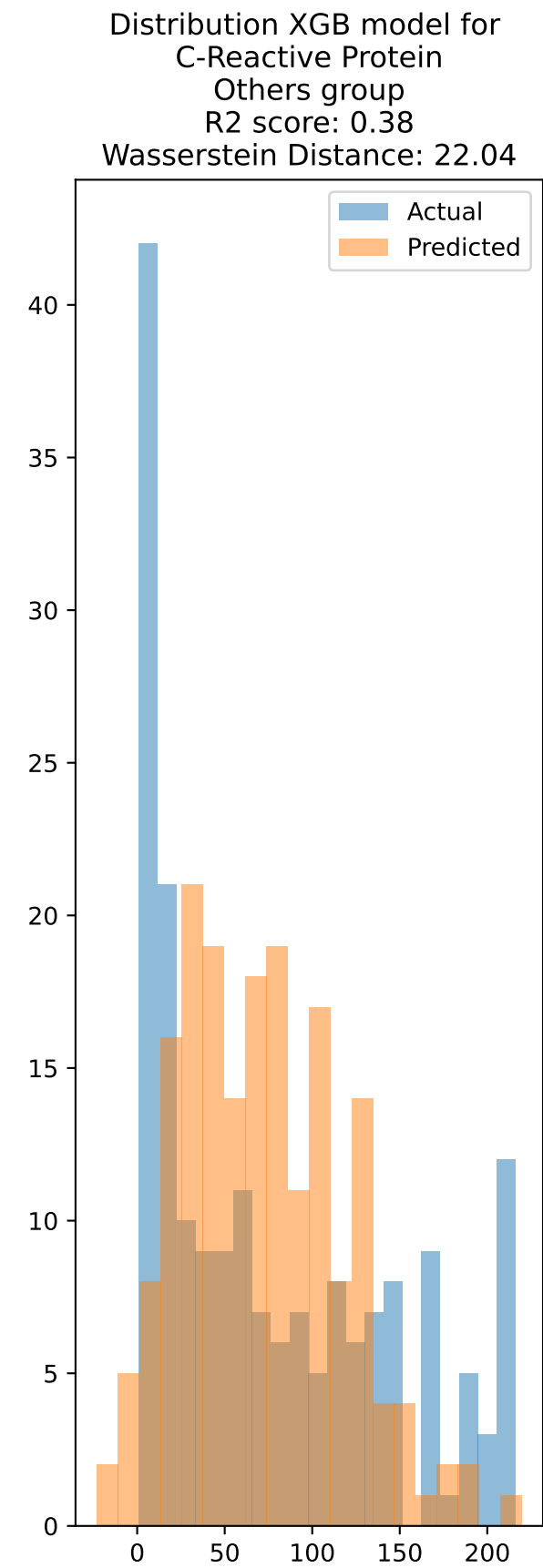
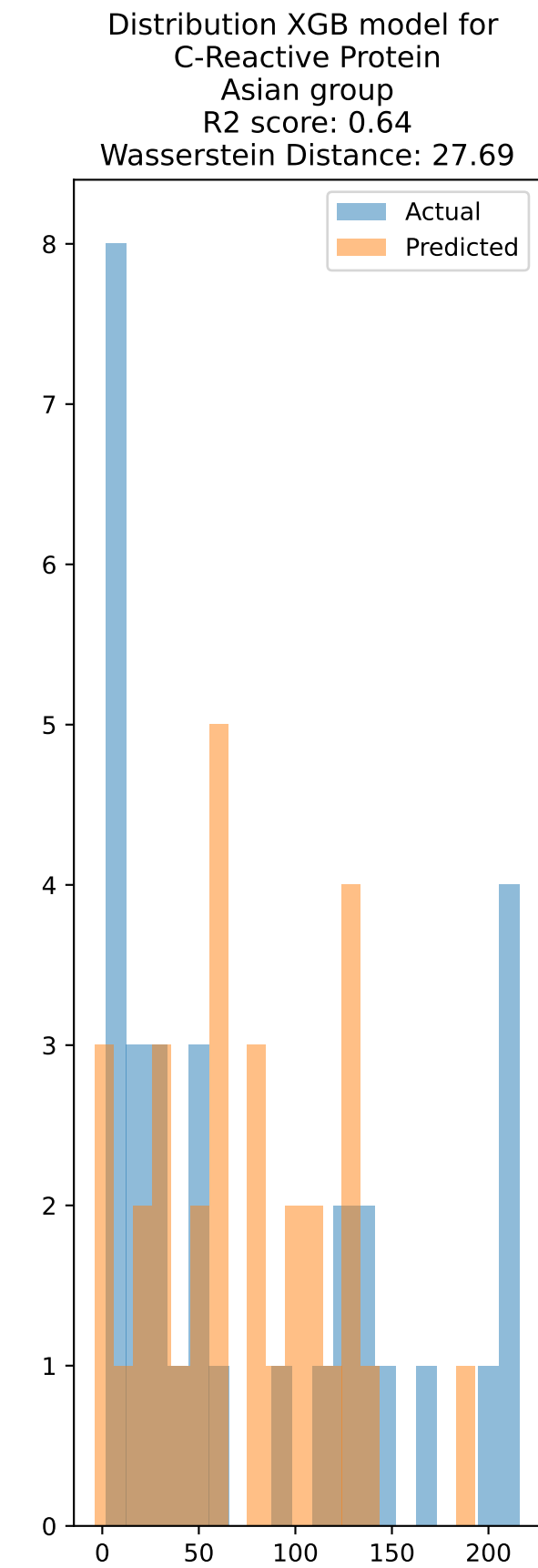
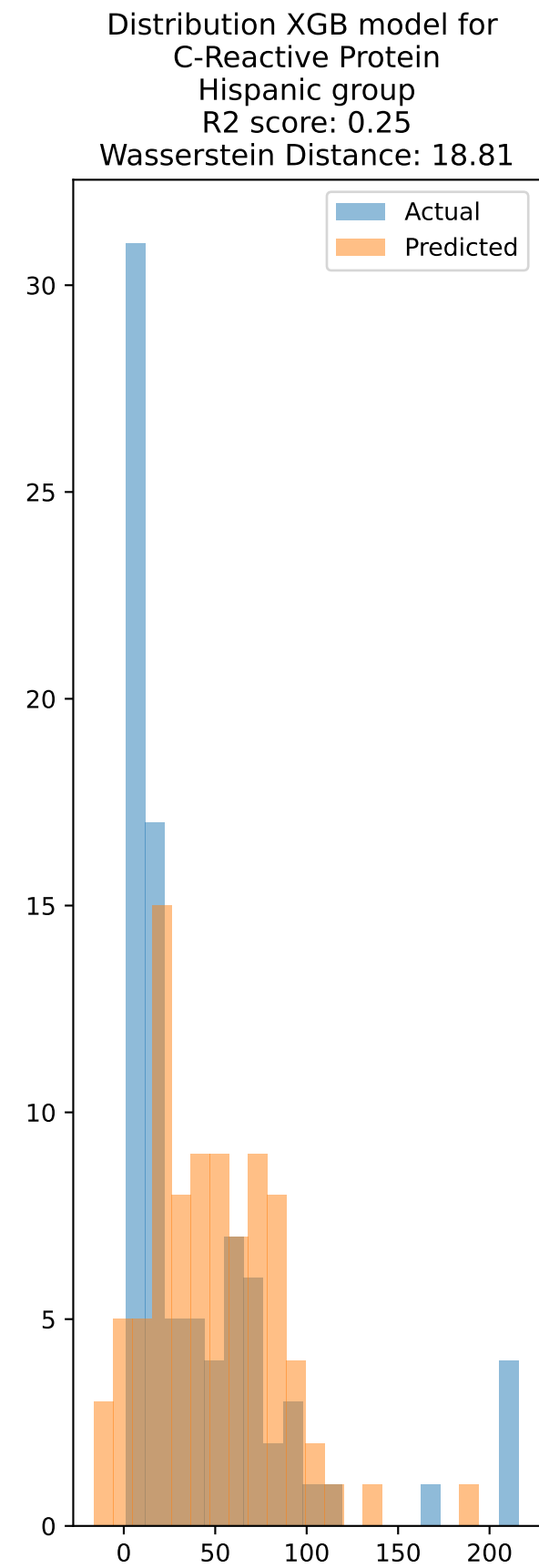
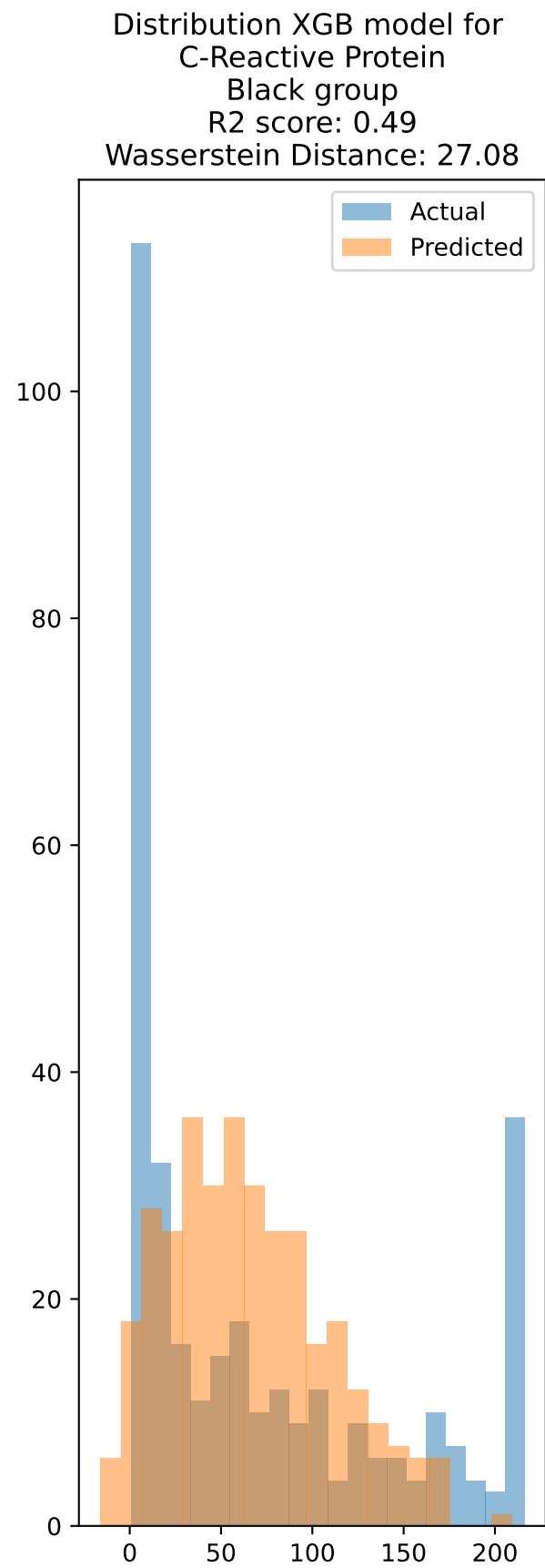
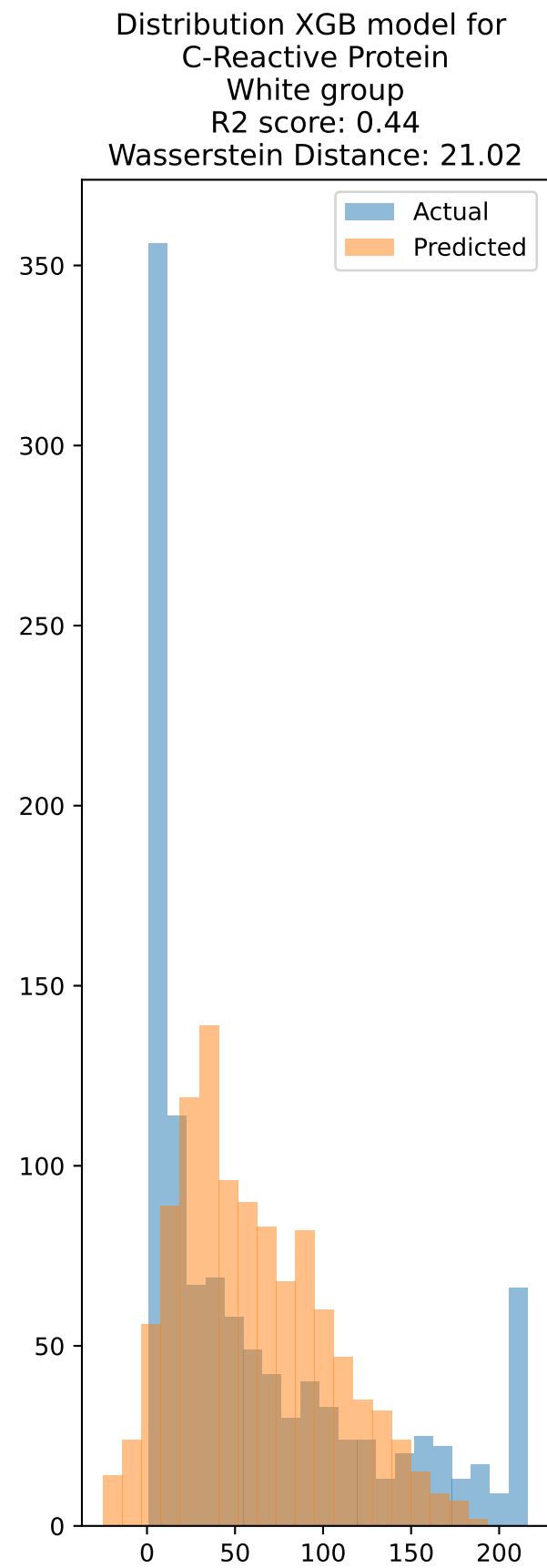


Distribution XGB model for
% Hemoglobin A1c
Asian group
R2 score: 0.58
Wasserstein Distance: 0.26

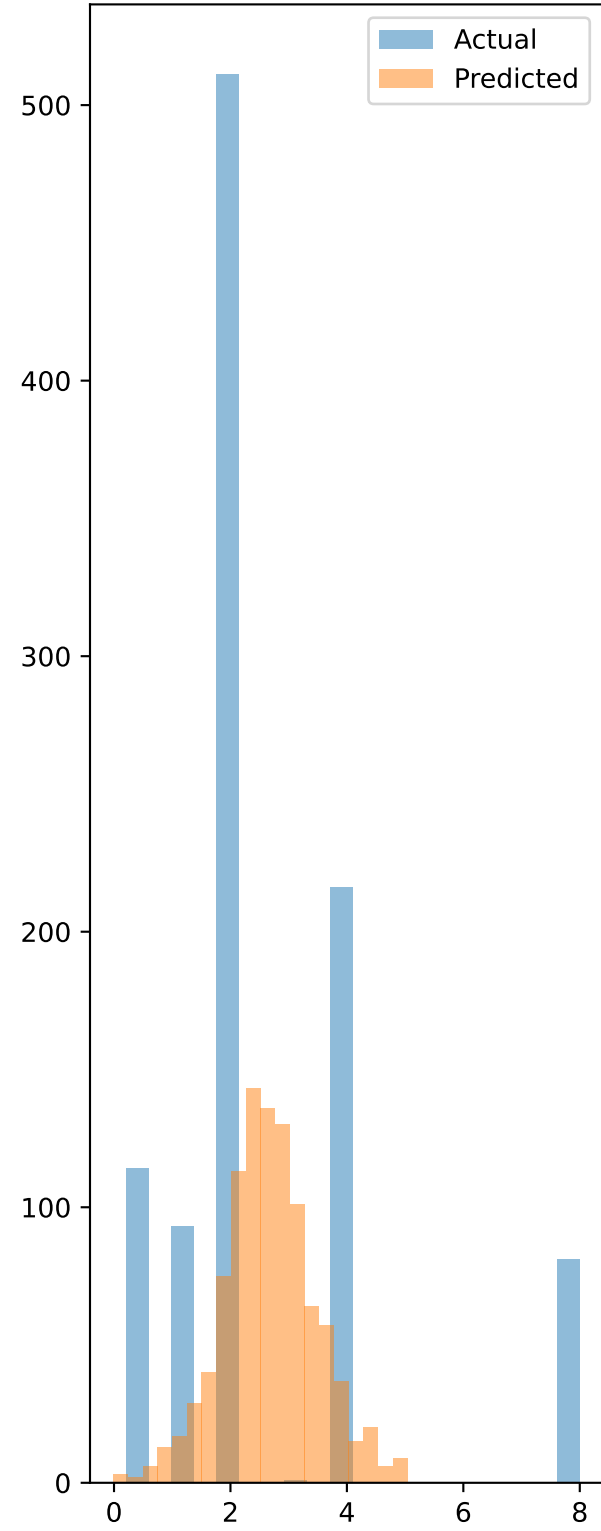


Distribution XGB model for
% Hemoglobin A1c
Others group
R2 score: 0.56
Wasserstein Distance: 0.42

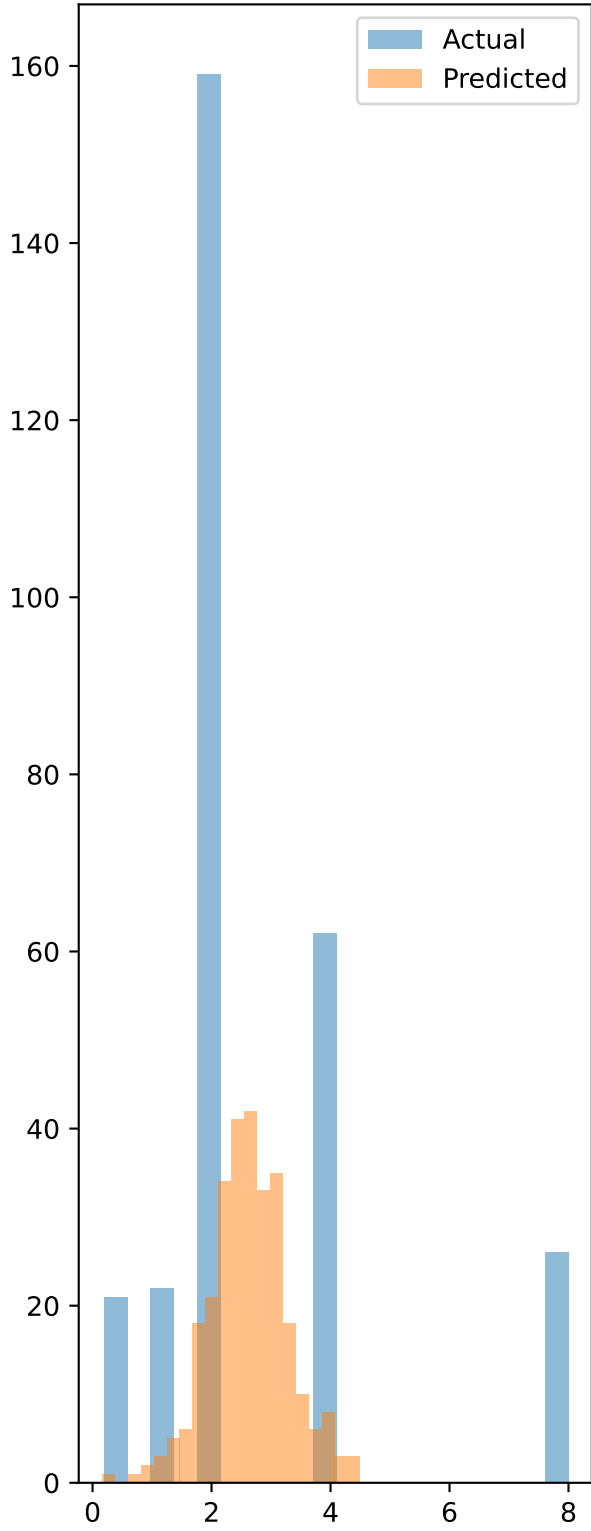




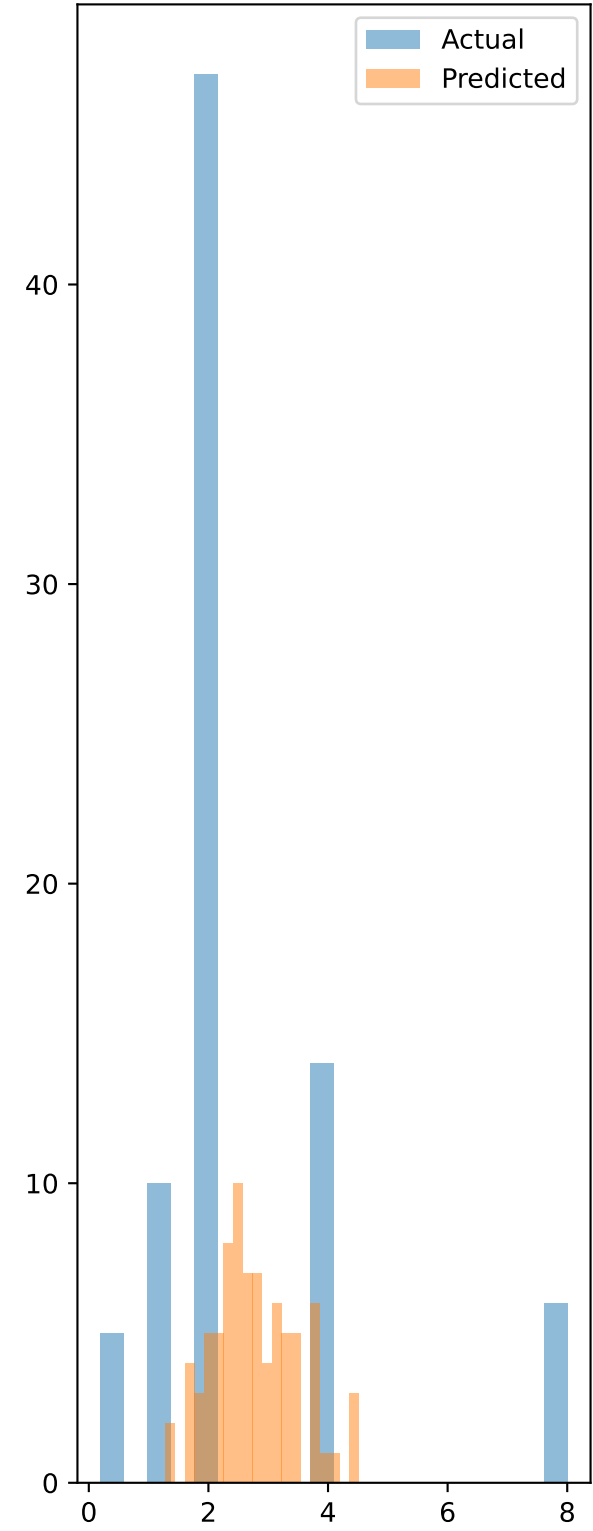
Distribution XGB model for
Urobilinogen
White group
R2 score: 0.19
Wasserstein Distance: 0.92



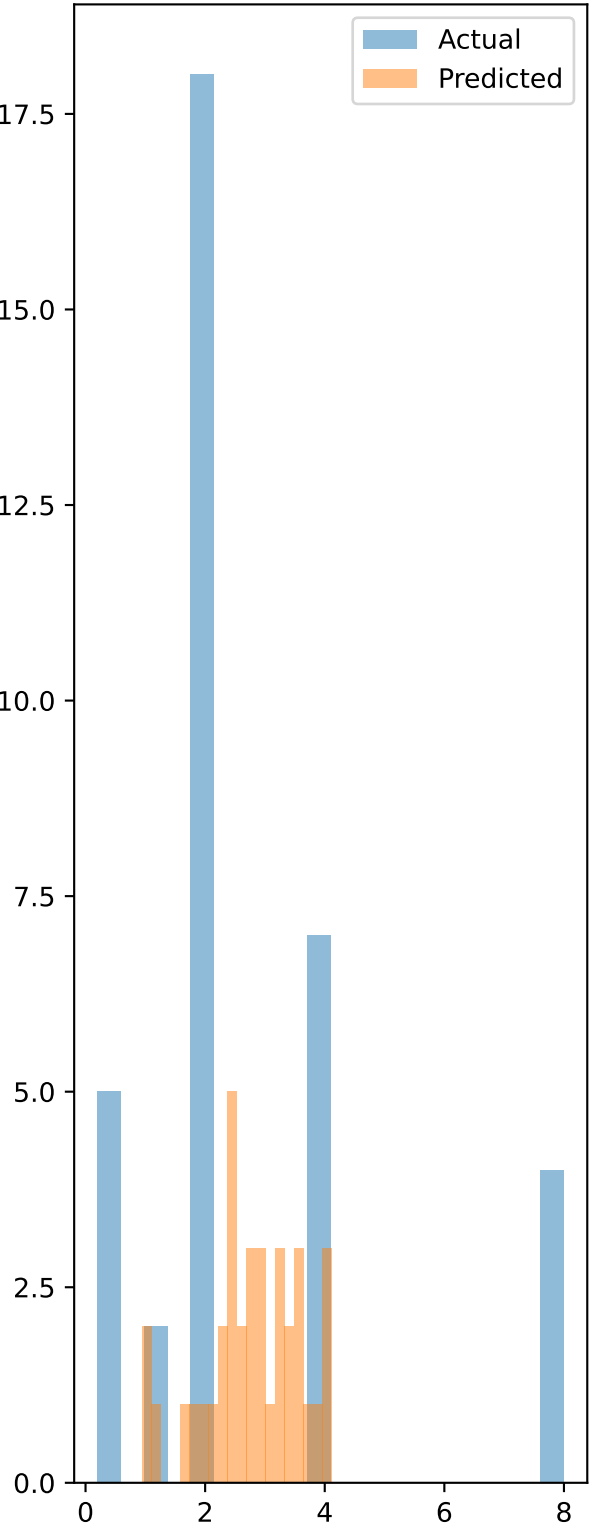
Distribution XGB model for
Urobilinogen
Black group
R2 score: 0.15
Wasserstein Distance: 0.96



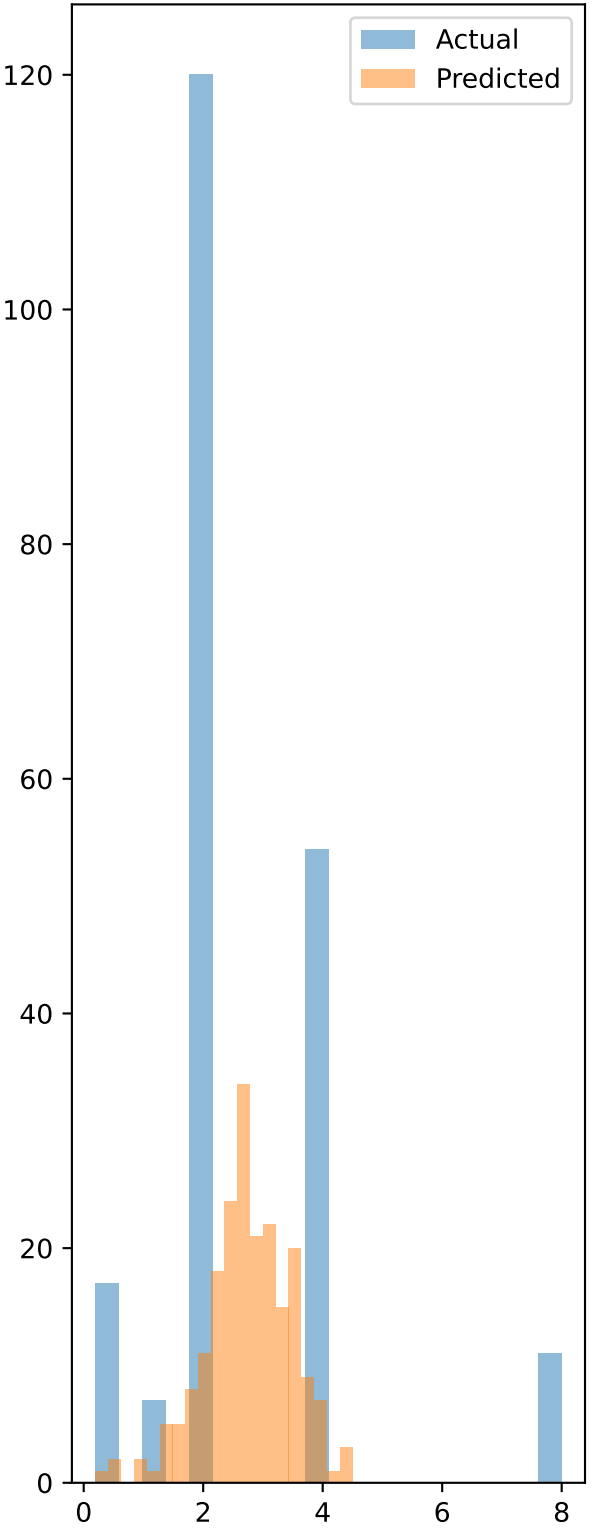
Distribution XGB model for
Urobilinogen
Hispanic group
R2 score: 0.18
Wasserstein Distance: 0.93



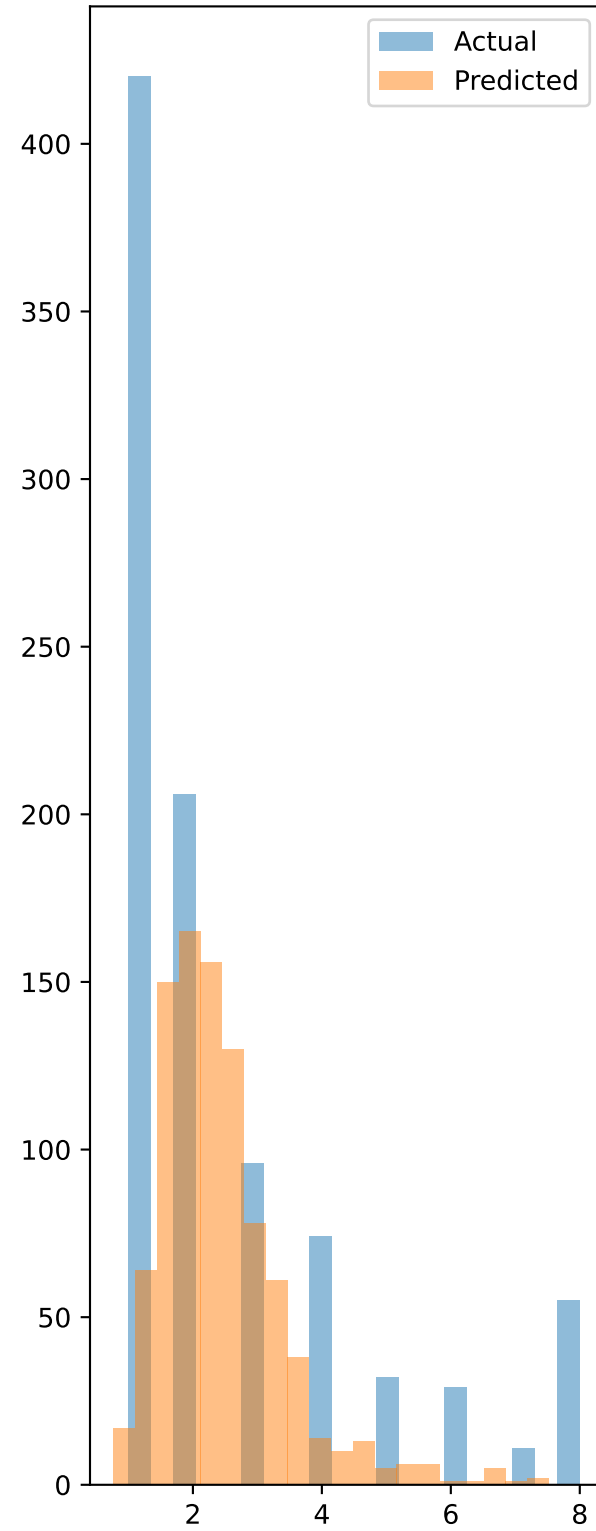
Distribution XGB model for
Urobilinogen
Asian group
R2 score: 0.27
Wasserstein Distance: 1.11



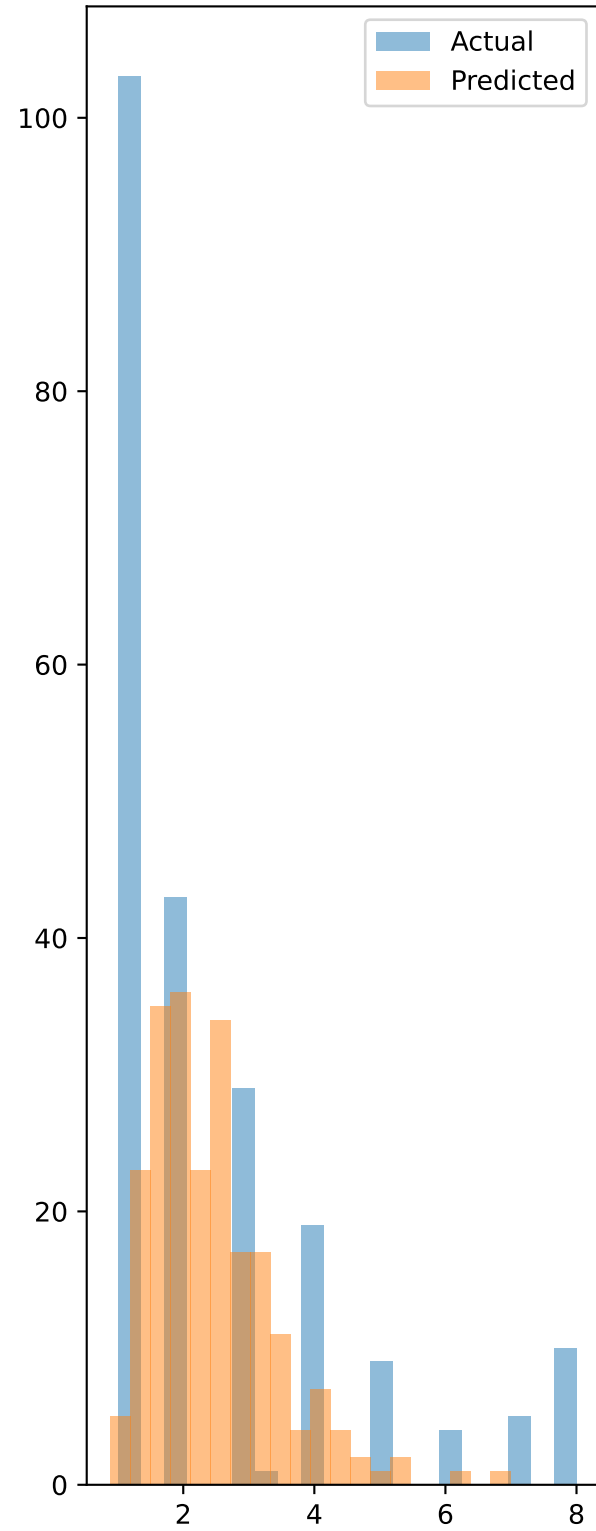
Distribution XGB model for
Urobilinogen
Others group
R2 score: 0.13
Wasserstein Distance: 0.80



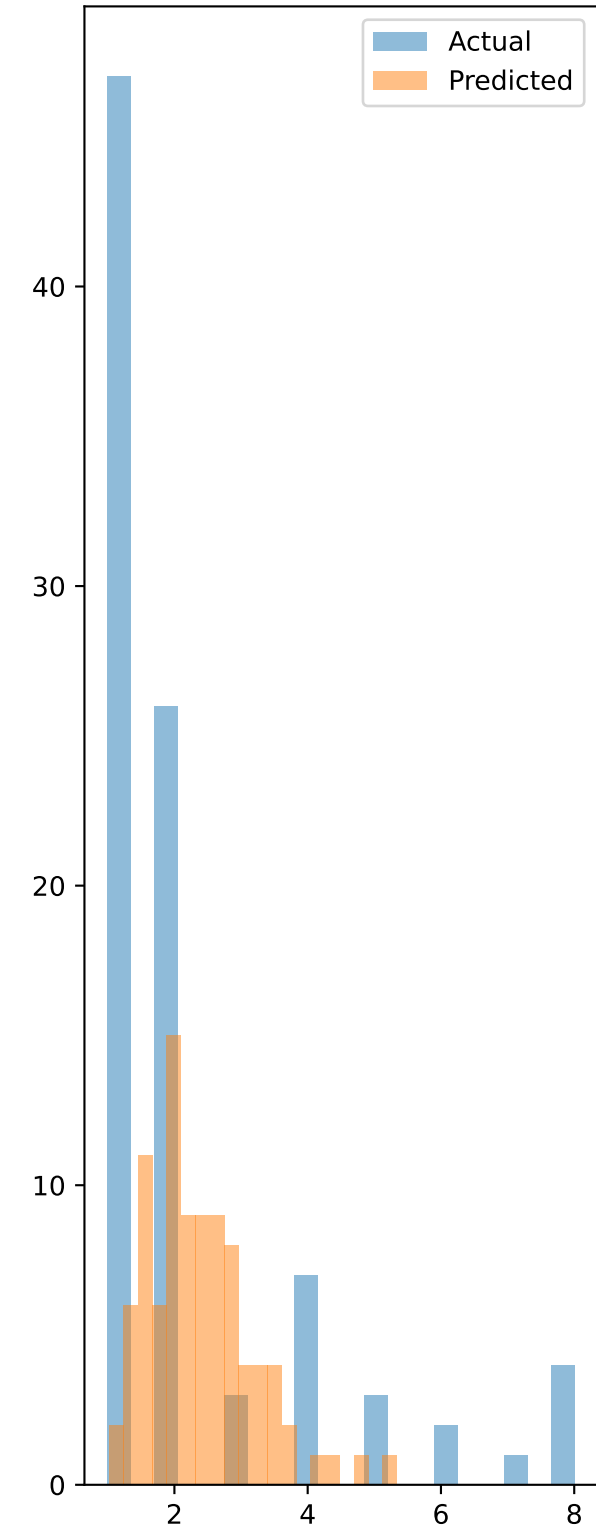
Distribution XGB model for
Atypical Lymphocytes
White group
R2 score: 0.29
Wasserstein Distance: 0.84



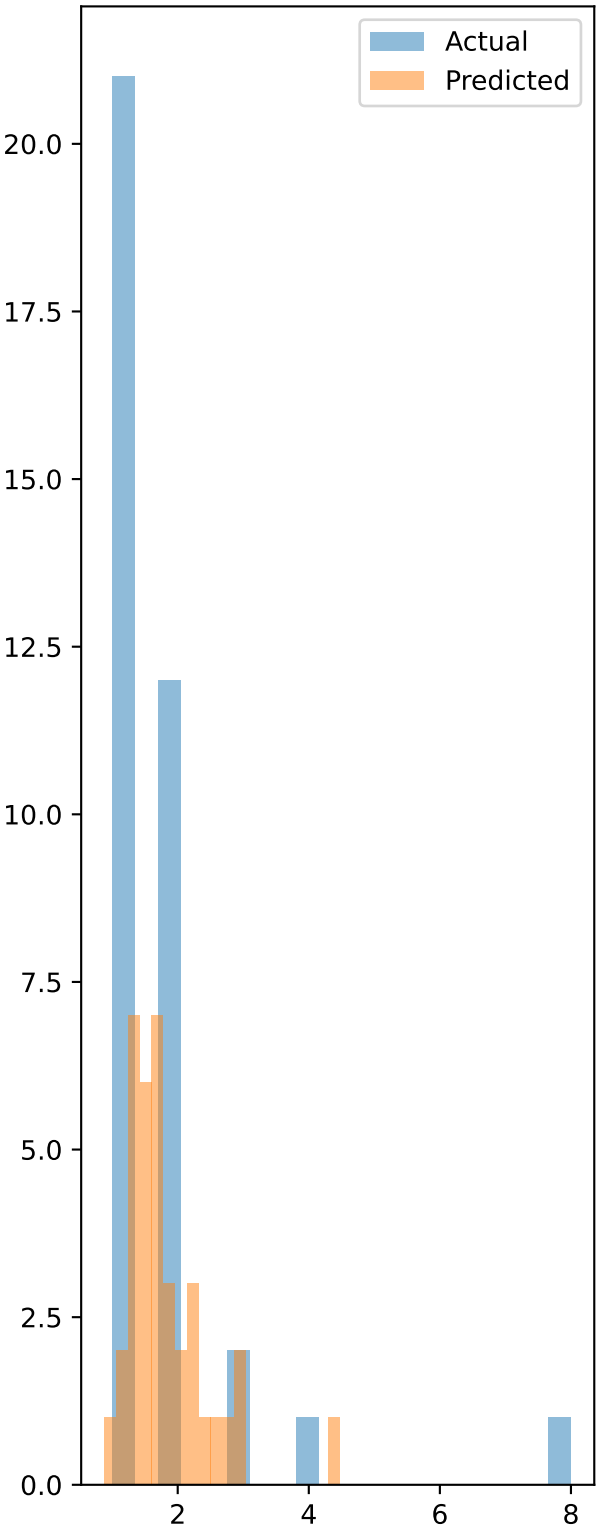
Distribution XGB model for
Atypical Lymphocytes
Black group
R2 score: 0.26
Wasserstein Distance: 0.77



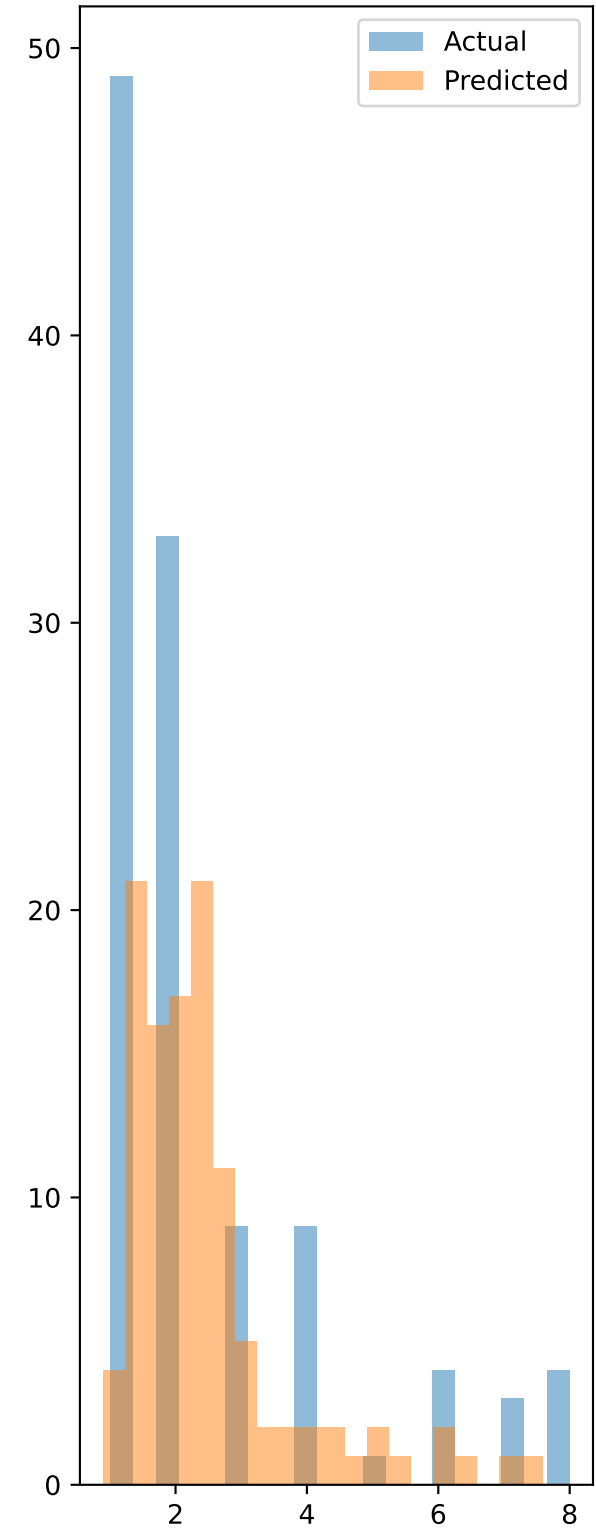
Distribution XGB model for
Atypical Lymphocytes
Hispanic group
R2 score: 0.16
Wasserstein Distance: 0.89

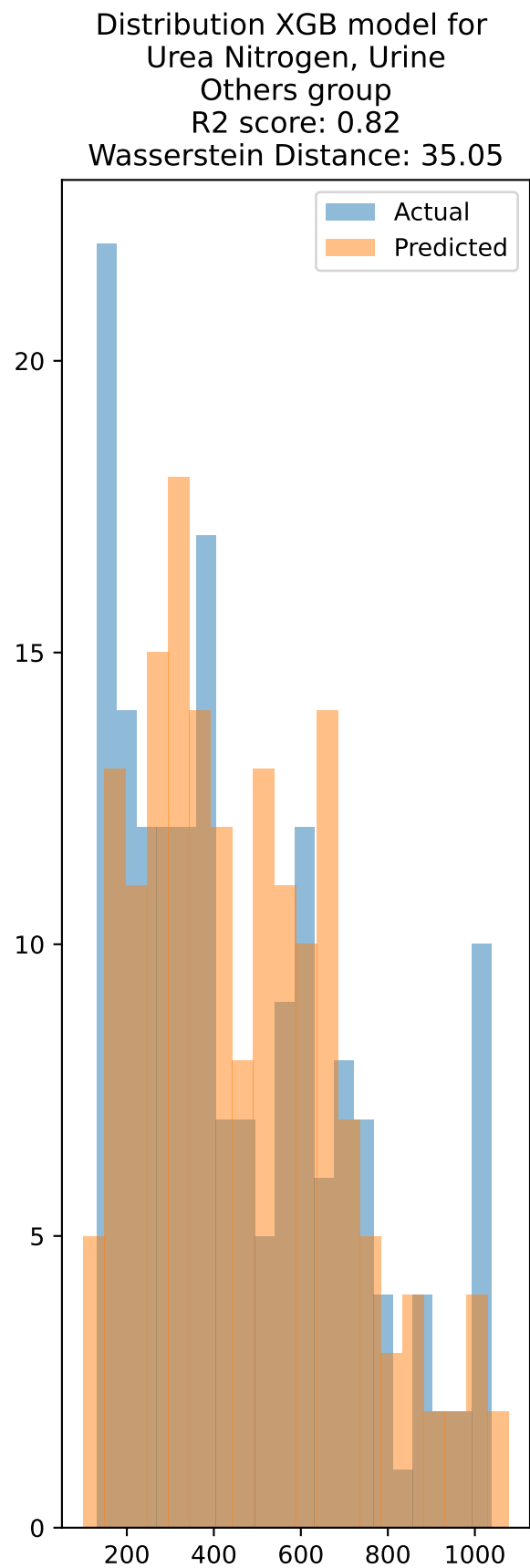
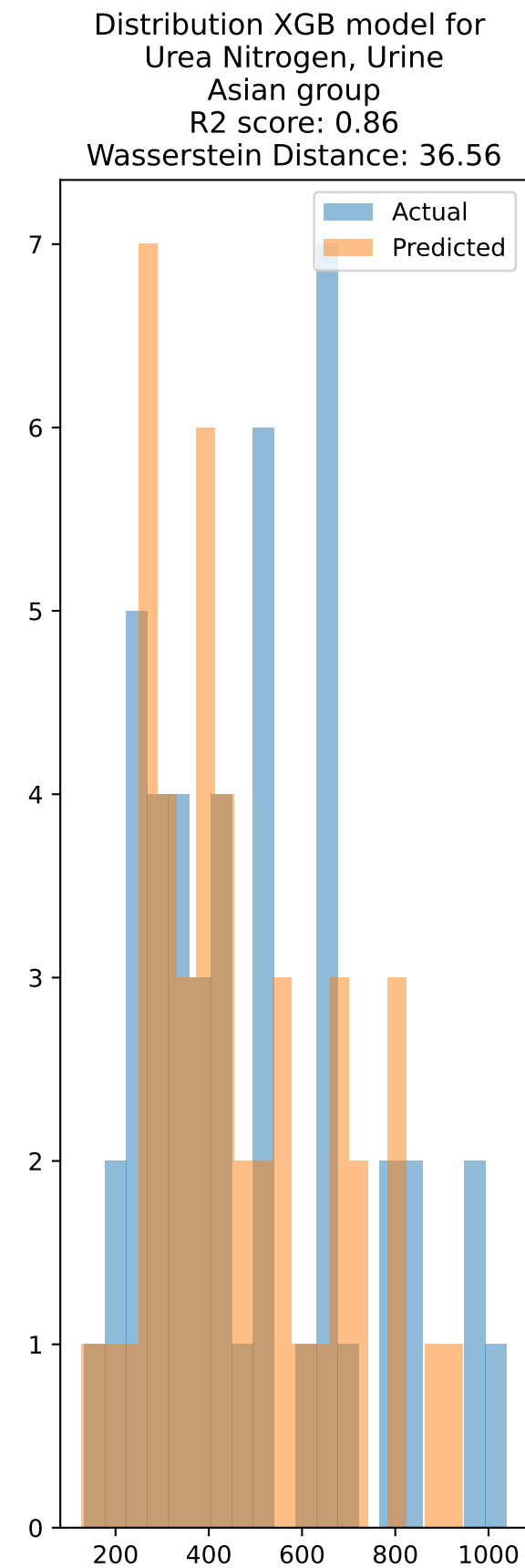
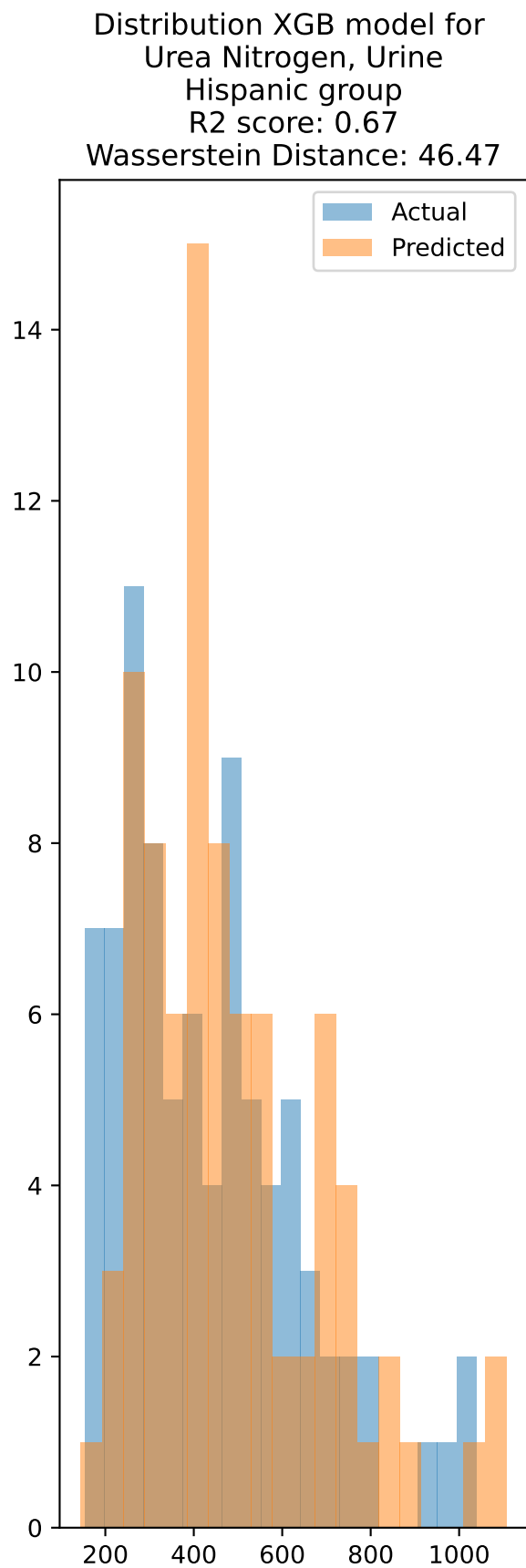
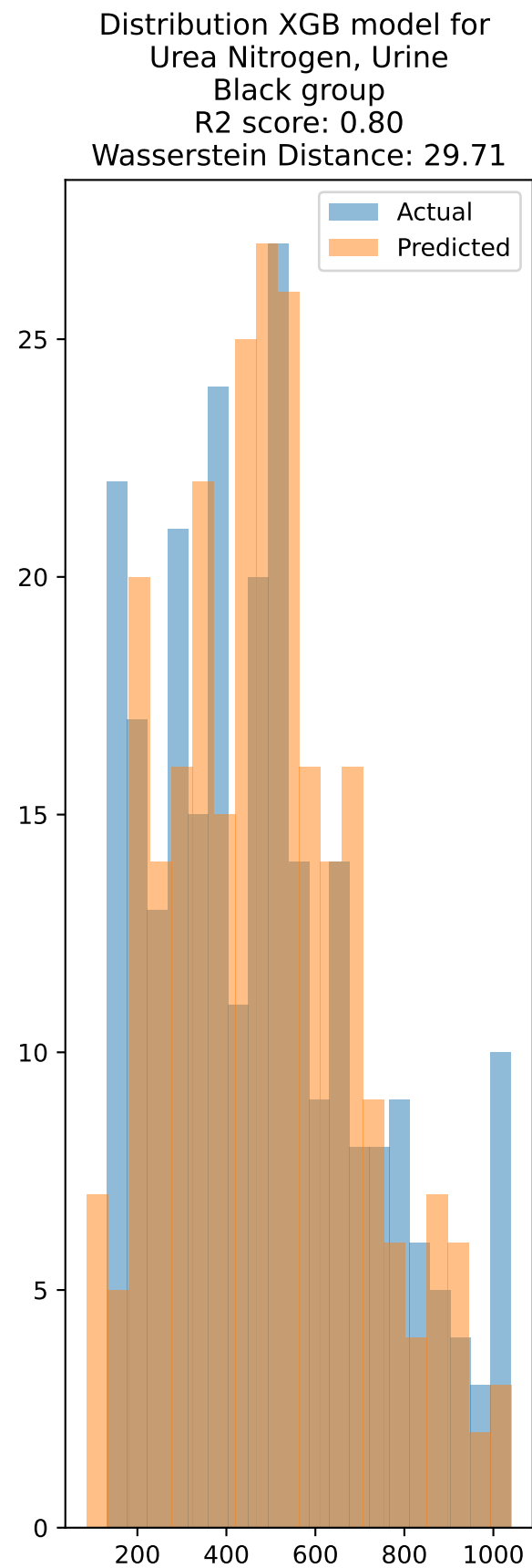
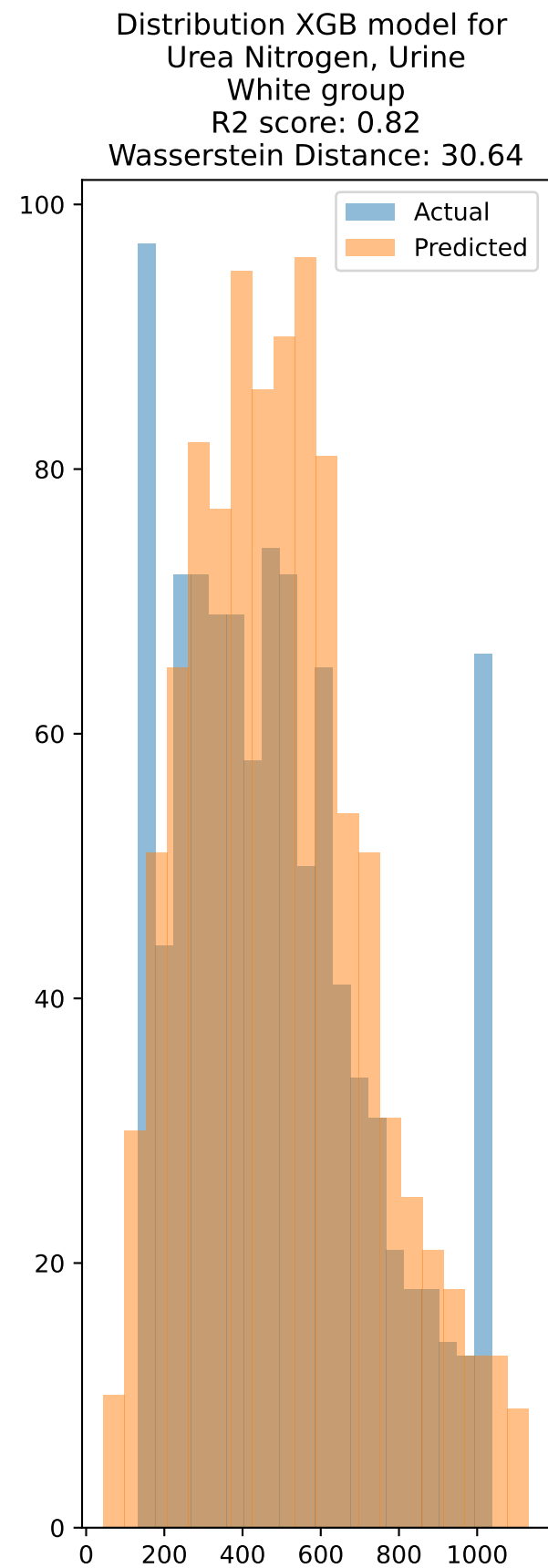


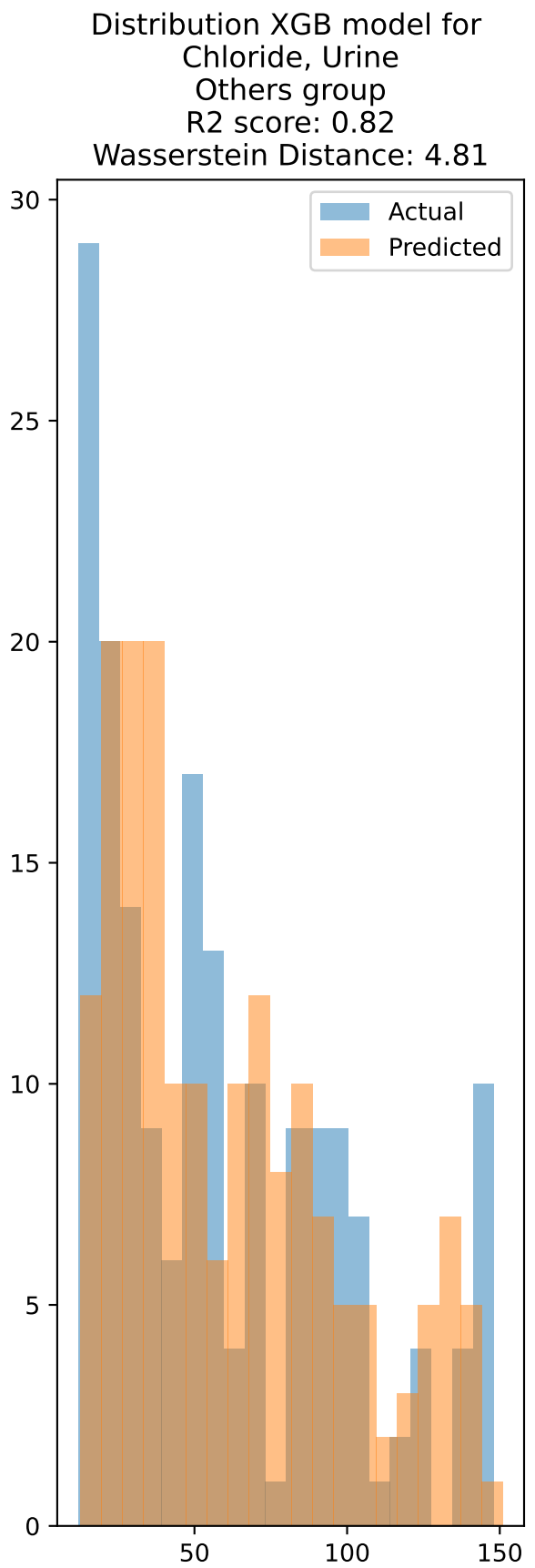
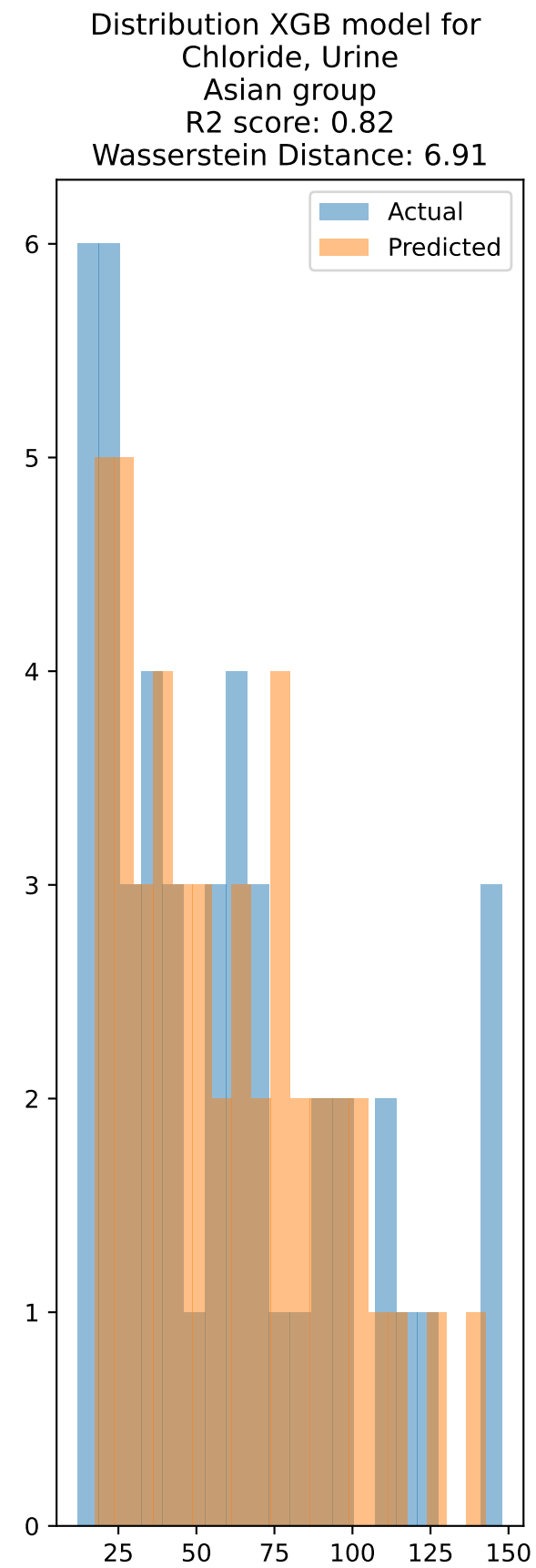
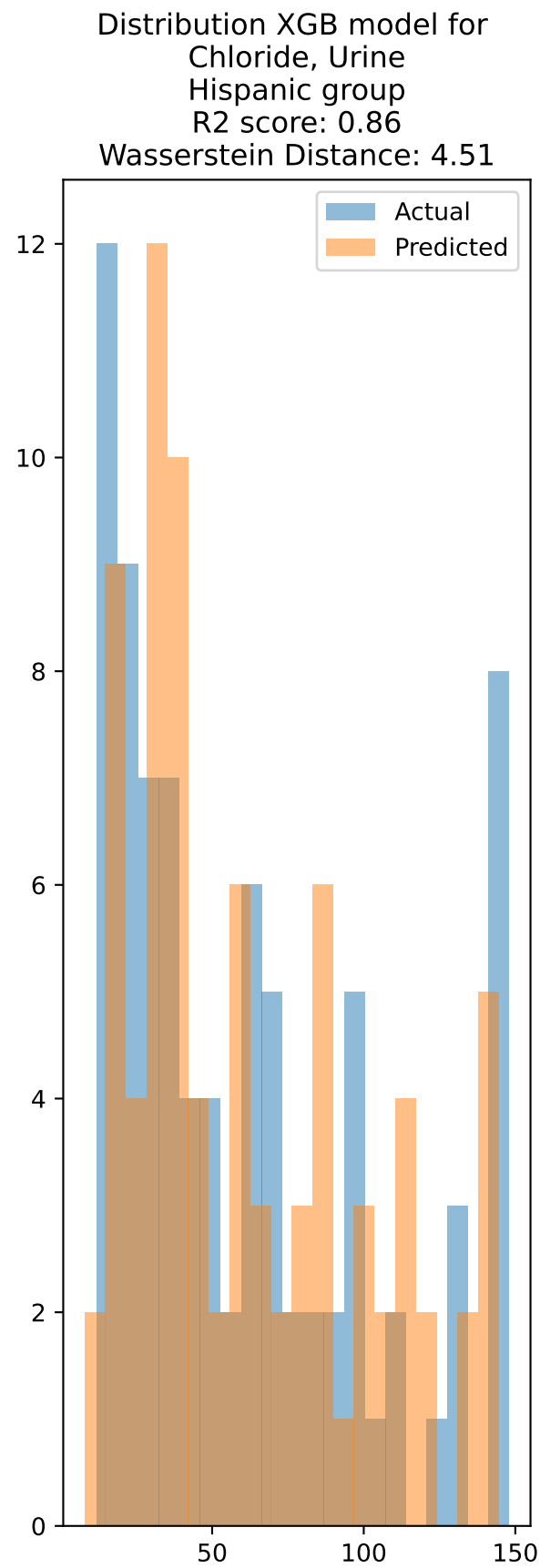
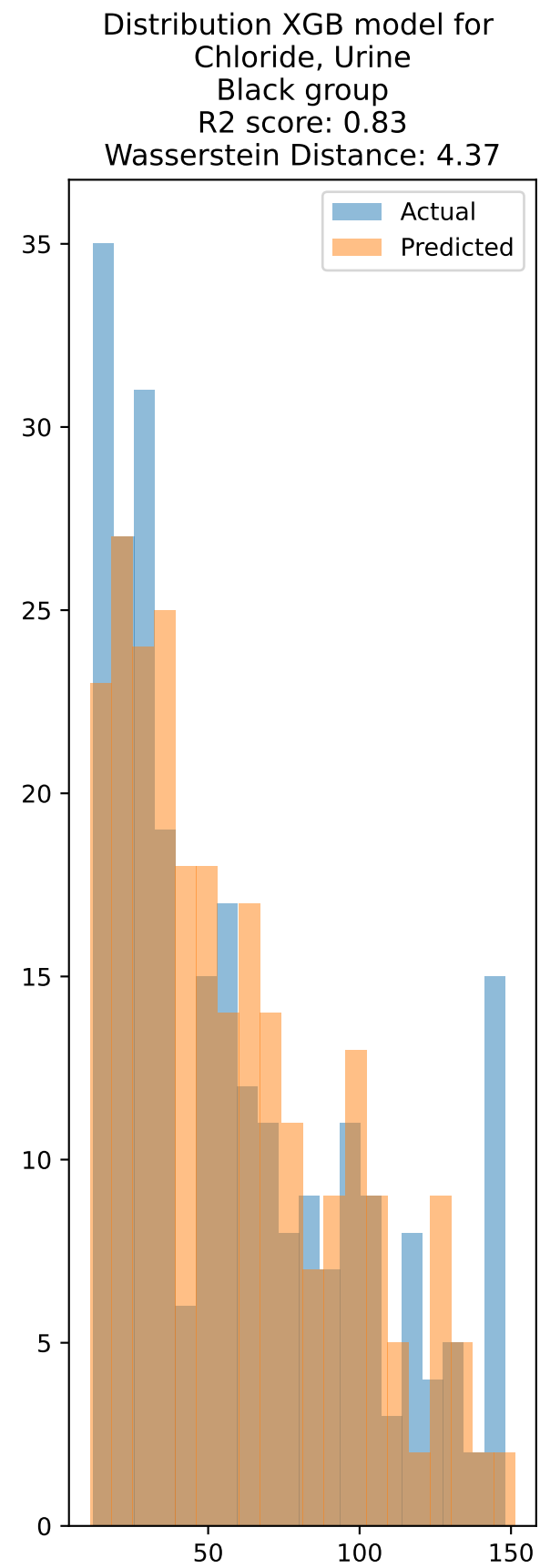
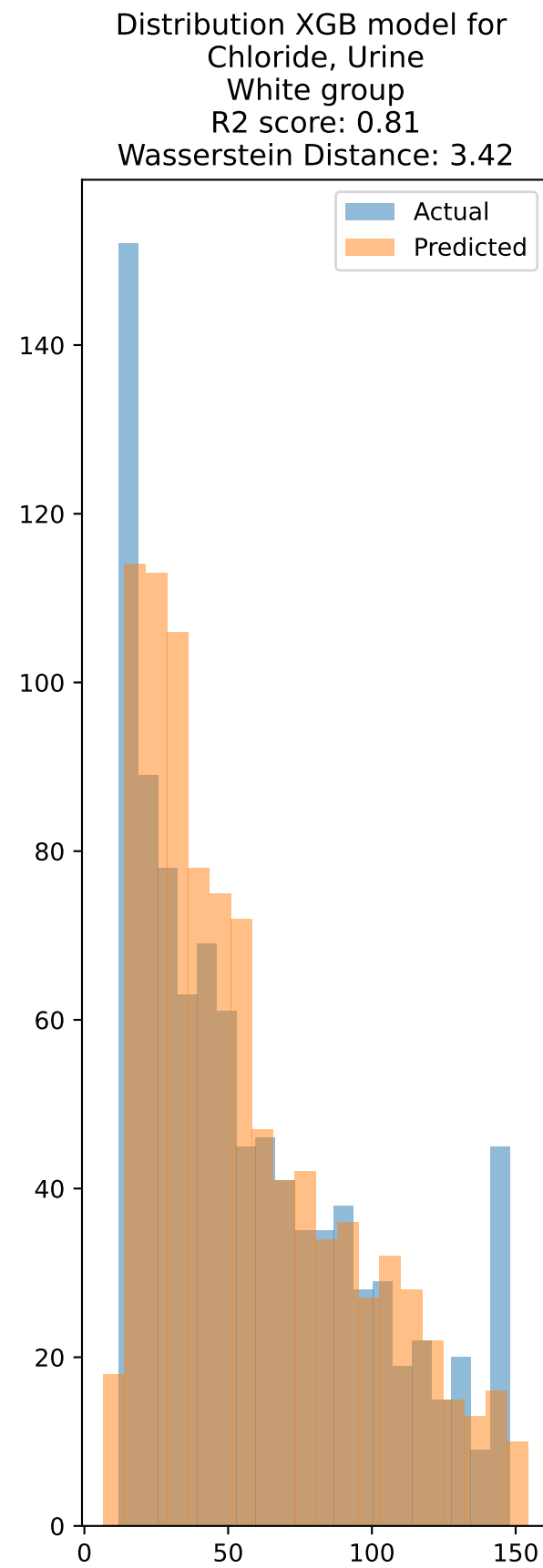
Distribution XGB model for
Atypical Lymphocytes
Asian group
R2 score: -0.04
Wasserstein Distance: 0.46



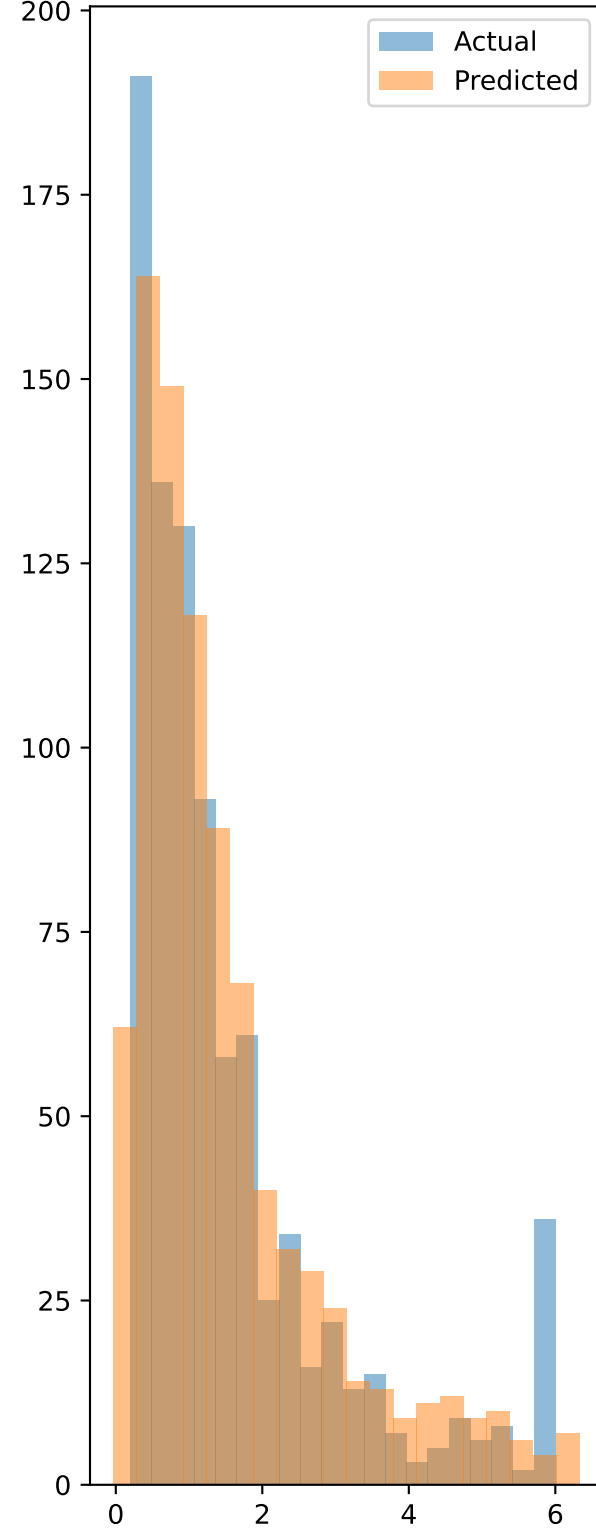
Distribution XGB model for
Atypical Lymphocytes
Others group
R2 score: 0.33
Wasserstein Distance: 0.56



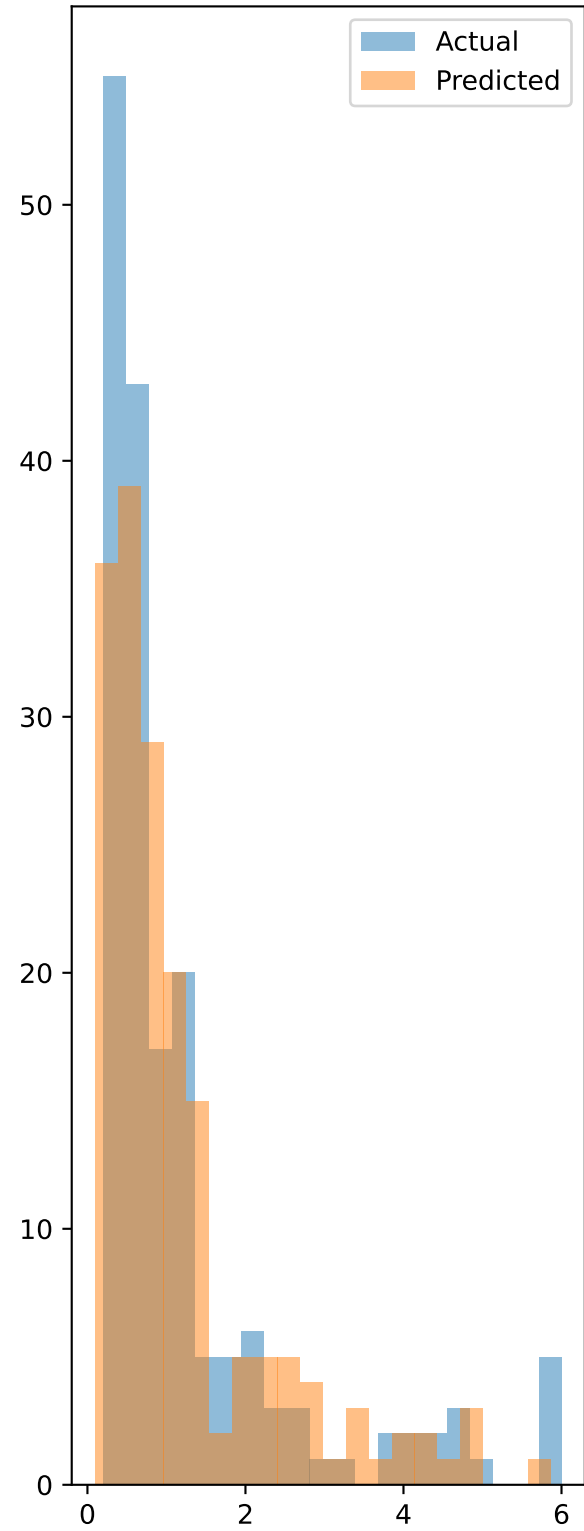




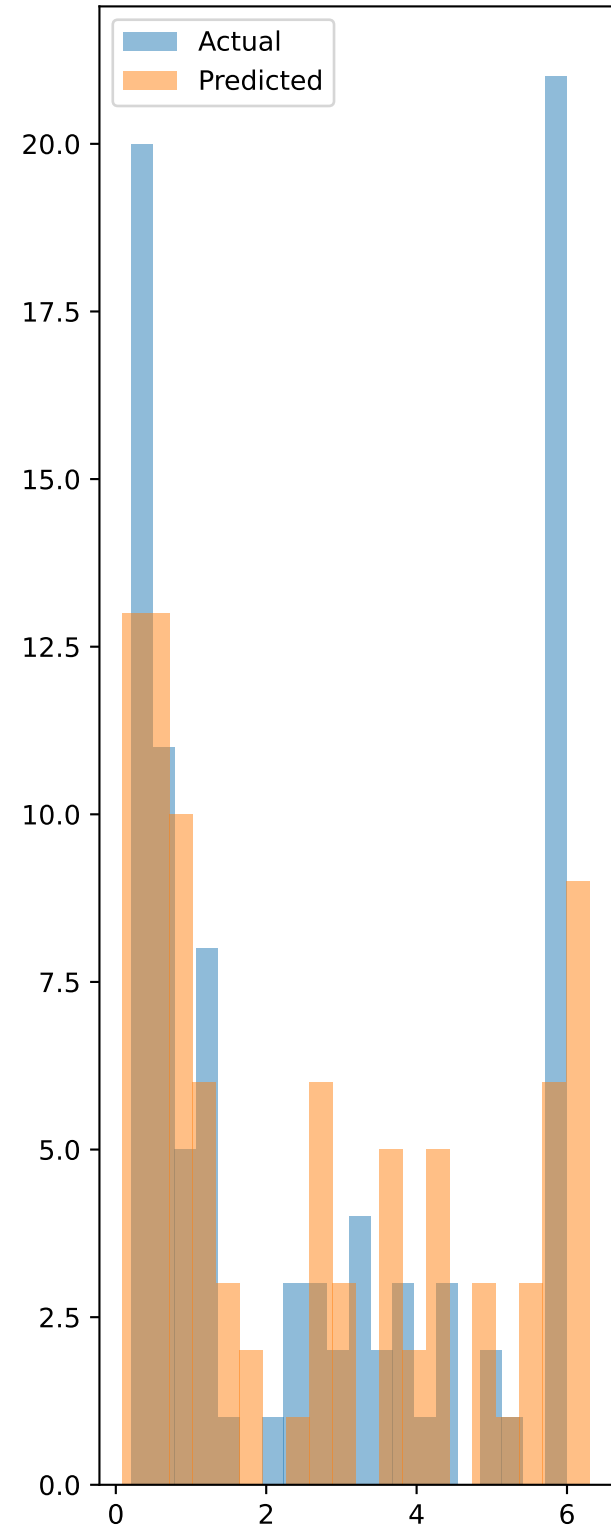
Distribution XGB model for
Bilirubin, Indirect
White group
R2 score: 0.87
Wasserstein Distance: 0.10



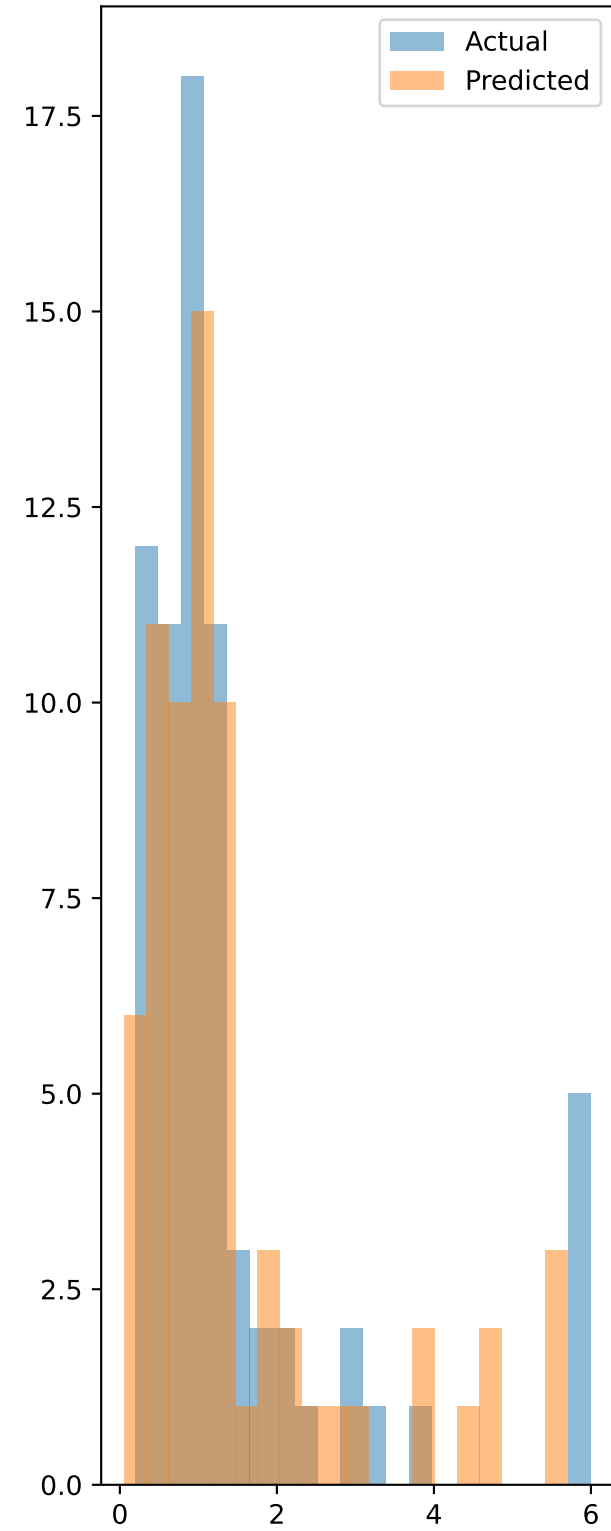
Distribution XGB model for
Bilirubin, Indirect
Black group
R2 score: 0.85
Wasserstein Distance: 0.14



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

