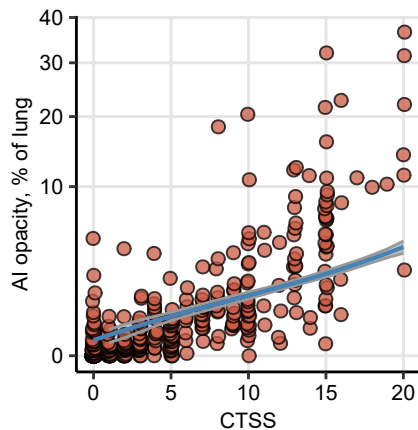
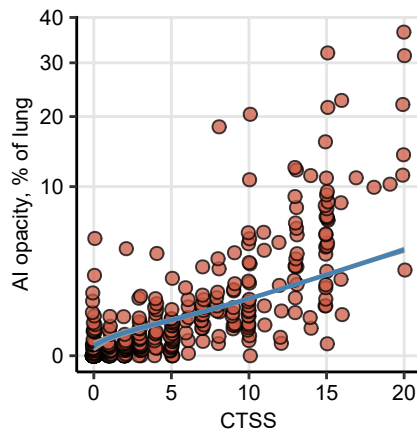
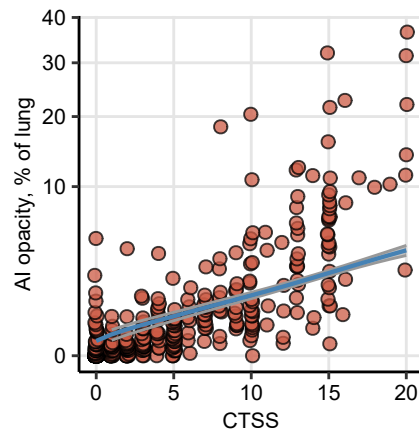
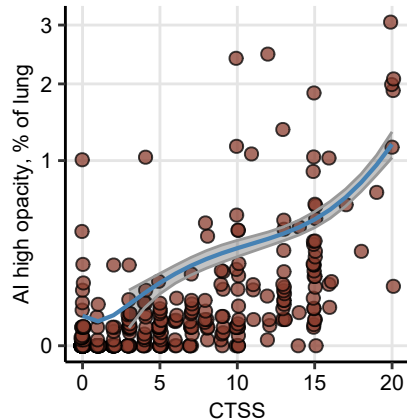
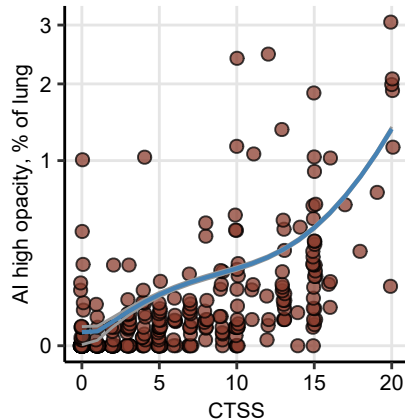


**A****AI opacity, polynomial fit** $R^2 = 0.67$ , MedAE = 0.13,  $n = 420$ **AI opacity, polynomial robust fit** $R^2 = 0.66$ , MedAE = 0.11,  $n = 420$ **AI opacity, GAM TP fit** $R^2 = 0.67$ , MedAE = 0.14,  $n = 420$ **B****AI high opacity, polynomial fit** $R^2 = 0.51$ , MedAE = 0.027,  $n = 420$ **AI high opacity, polynomial robust fit** $R^2 = 0.47$ , MedAE = 0.023,  $n = 420$ **AI high opacity, GAM TP fit** $R^2 = 0.51$ , MedAE = 0.039,  $n = 420$ 