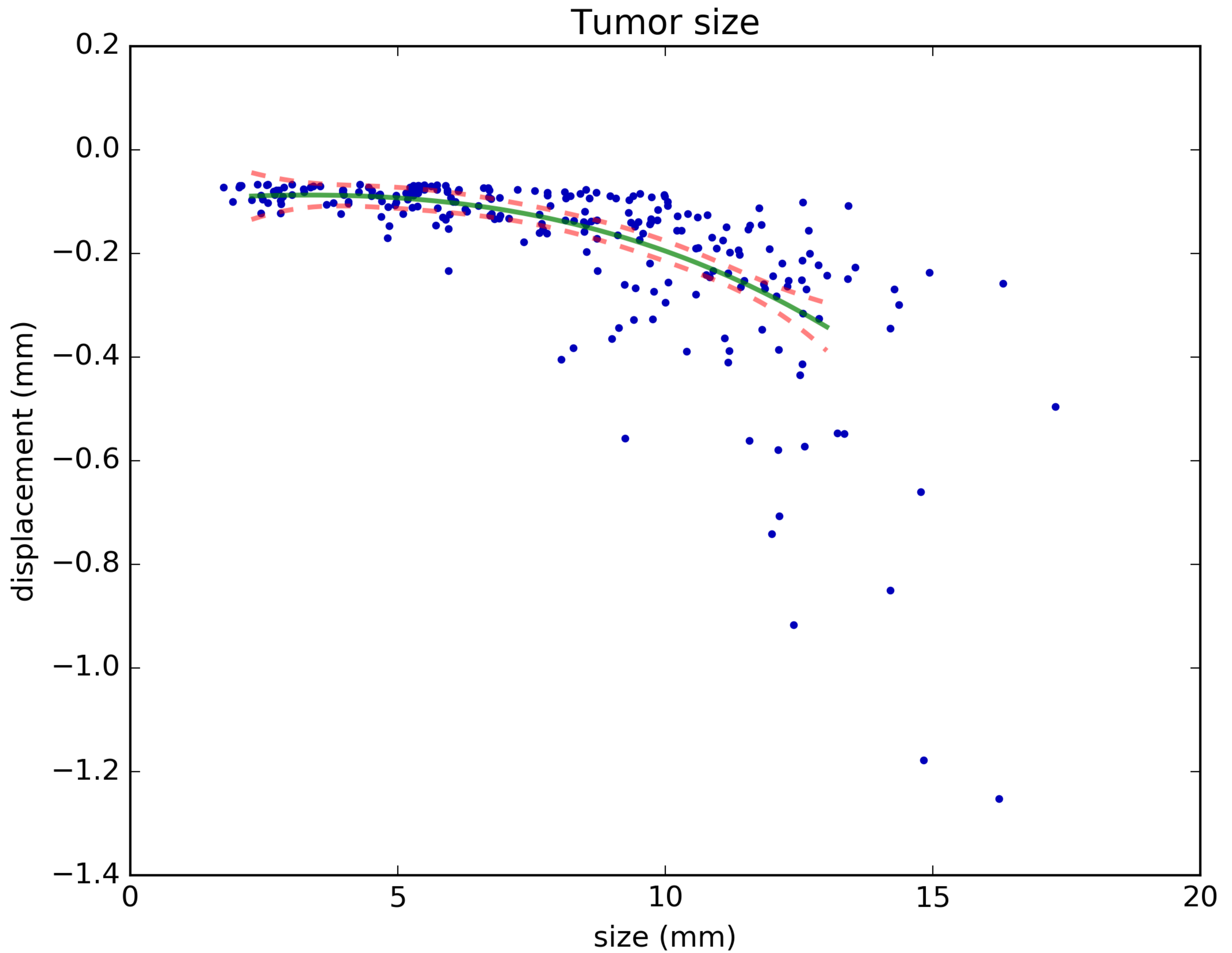
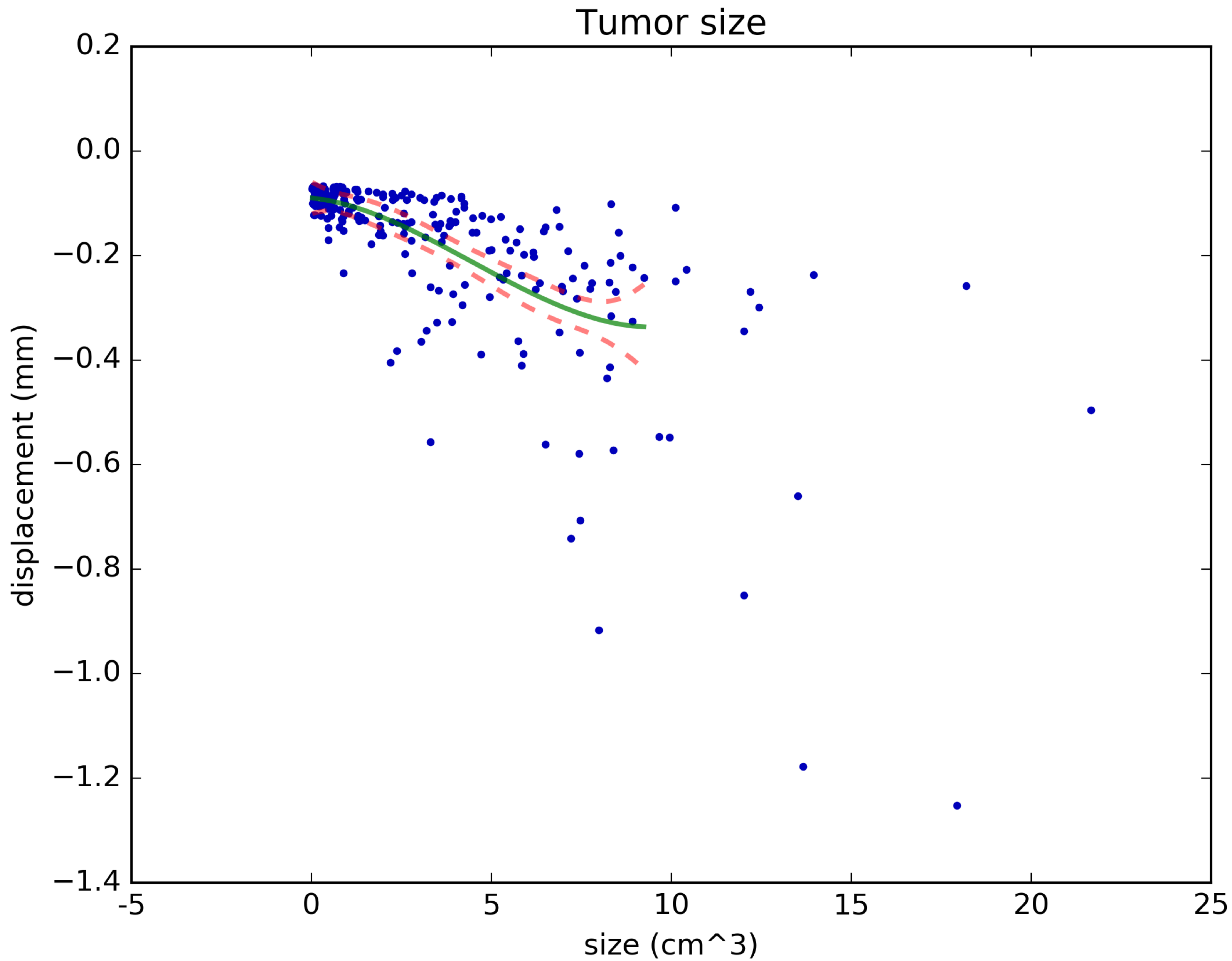
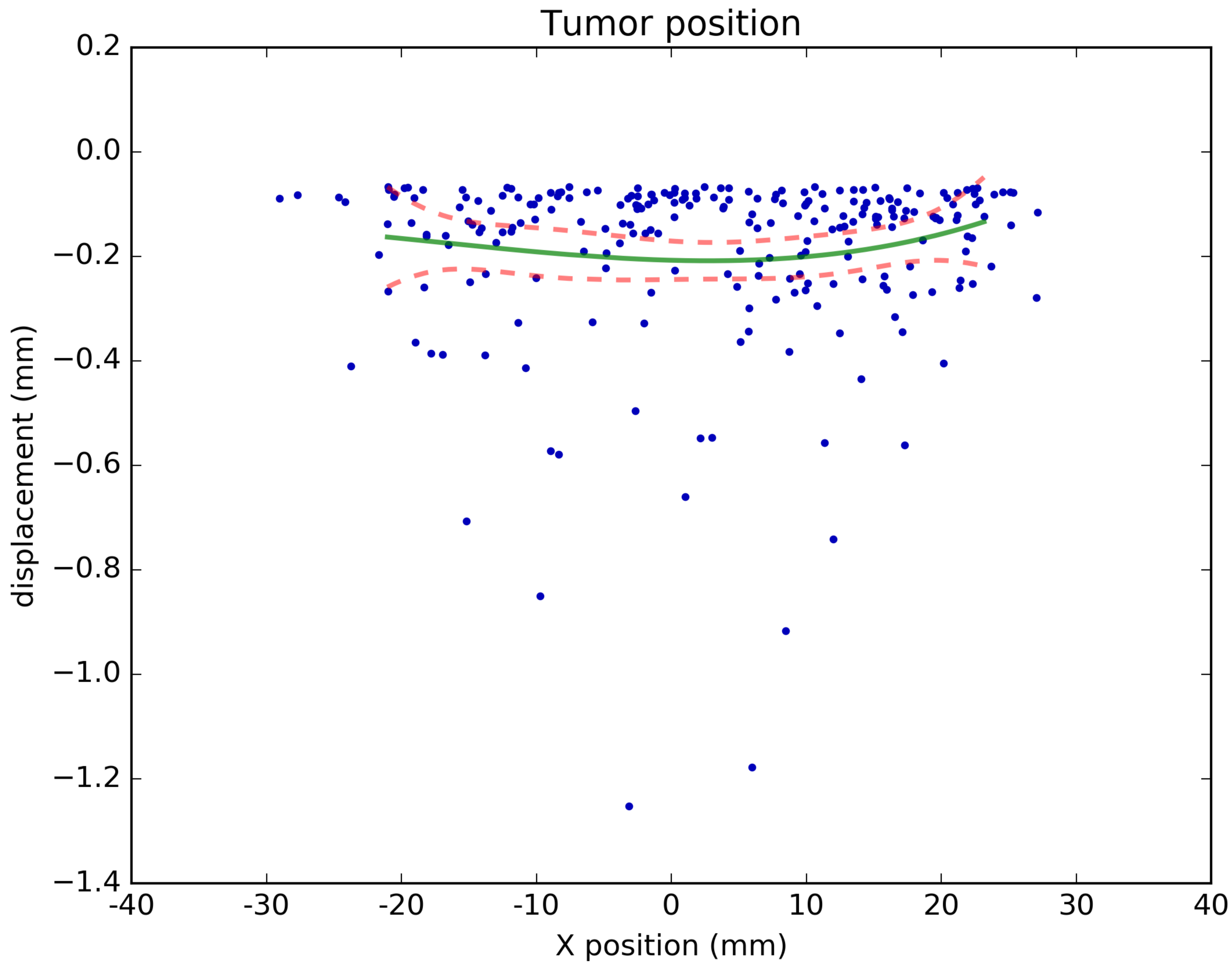


S1: Effect of the tumor size (in mm) in determining the average axial displacement

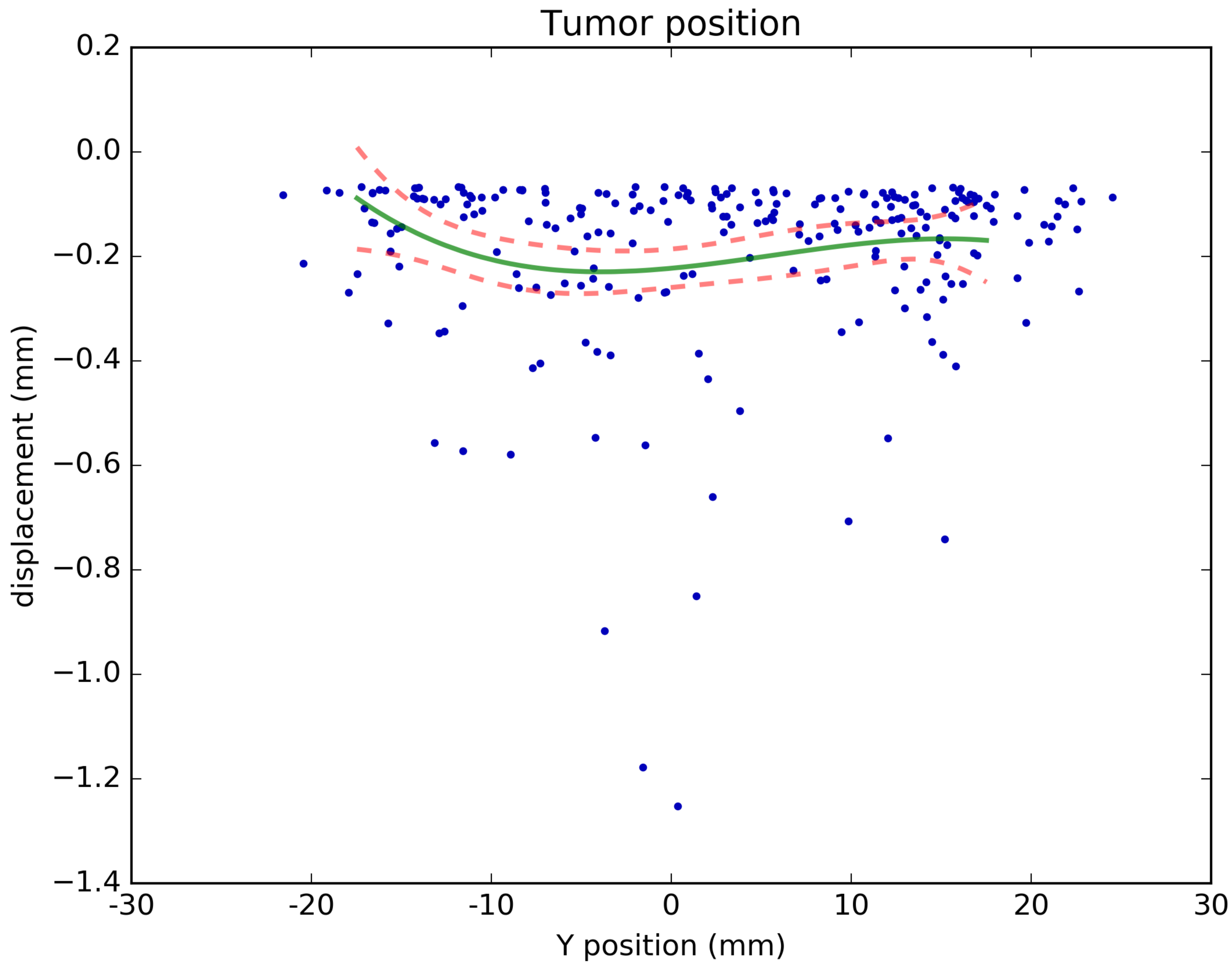


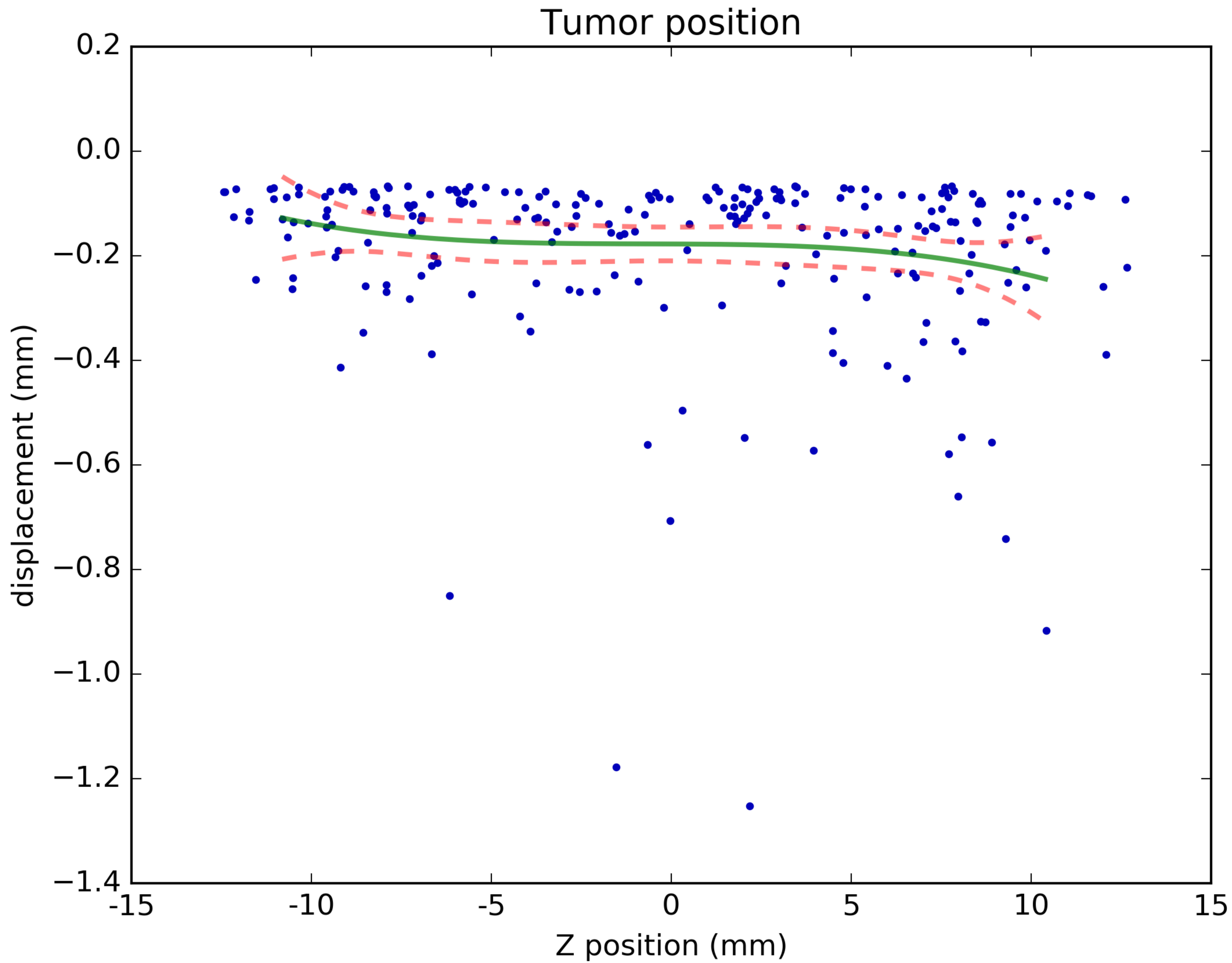
S1: Effect of the tumor size (in mm<sup>3</sup>) in determining the average axial displacement





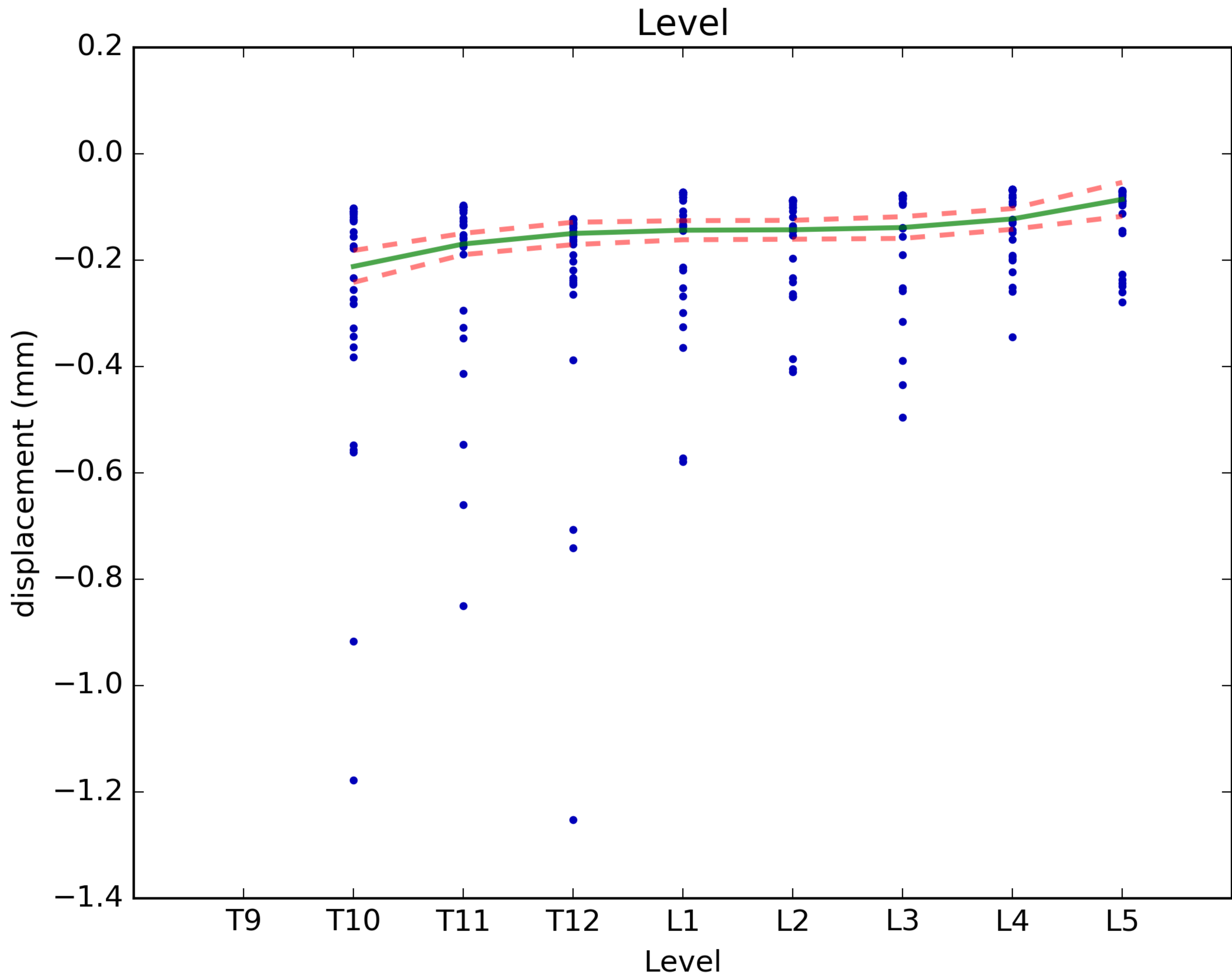
S1: Effect of the tumor position (Y coordinate of the centroid) in determining the average axial displacement



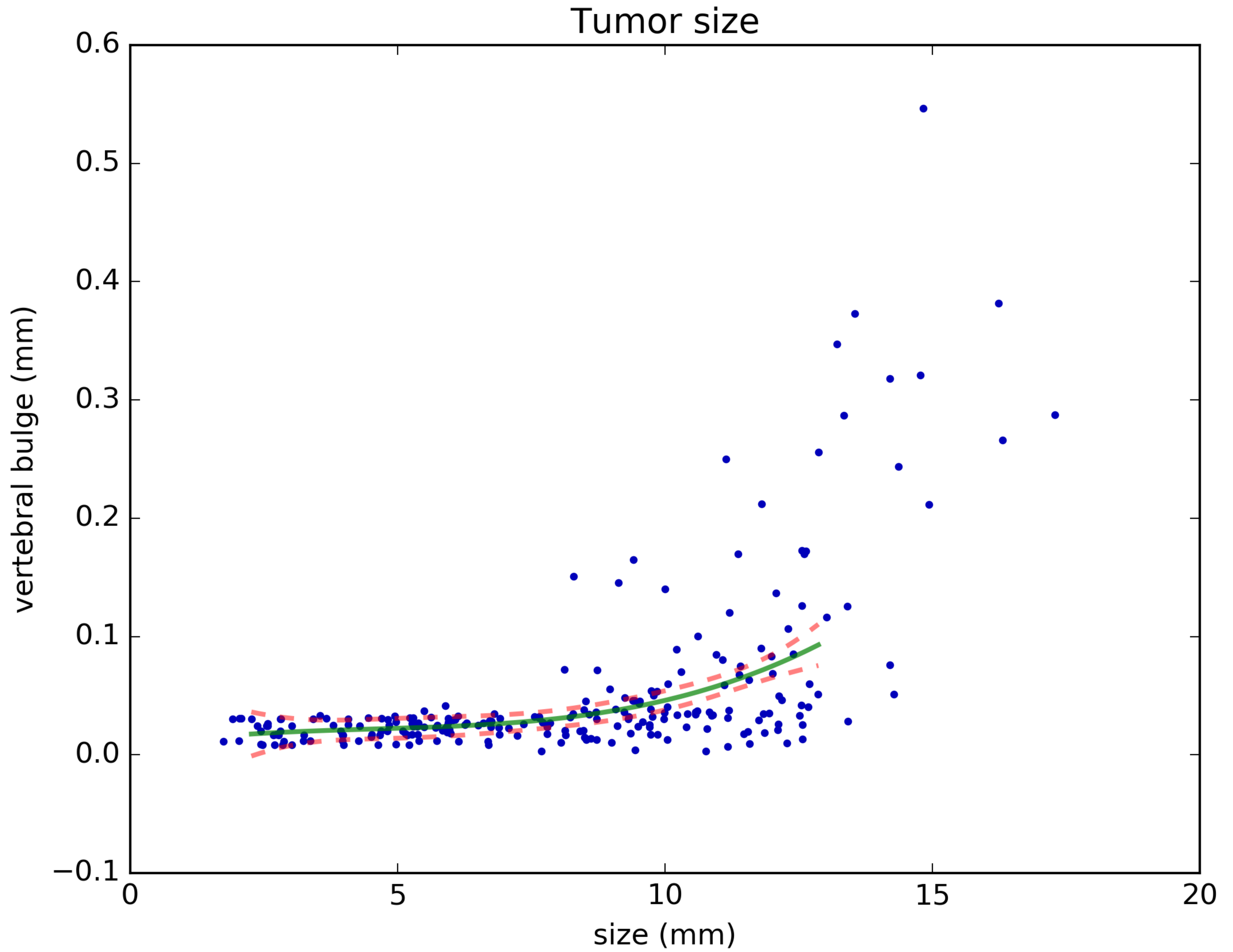




S1: Effect of the vertebral level in determining the average axial displacement

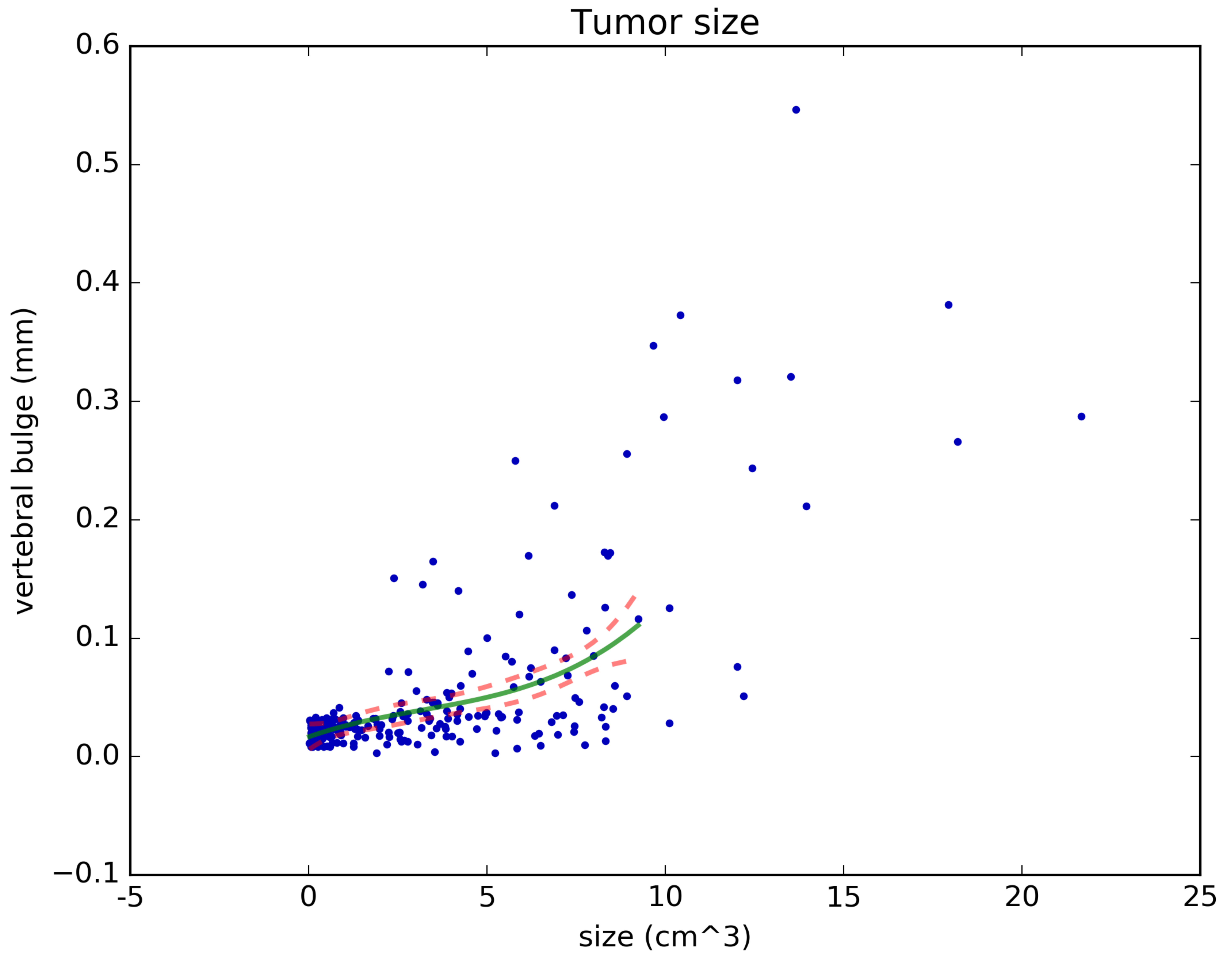


S1: Effect of the tumor size (in mm) in determining the vertebral bulge

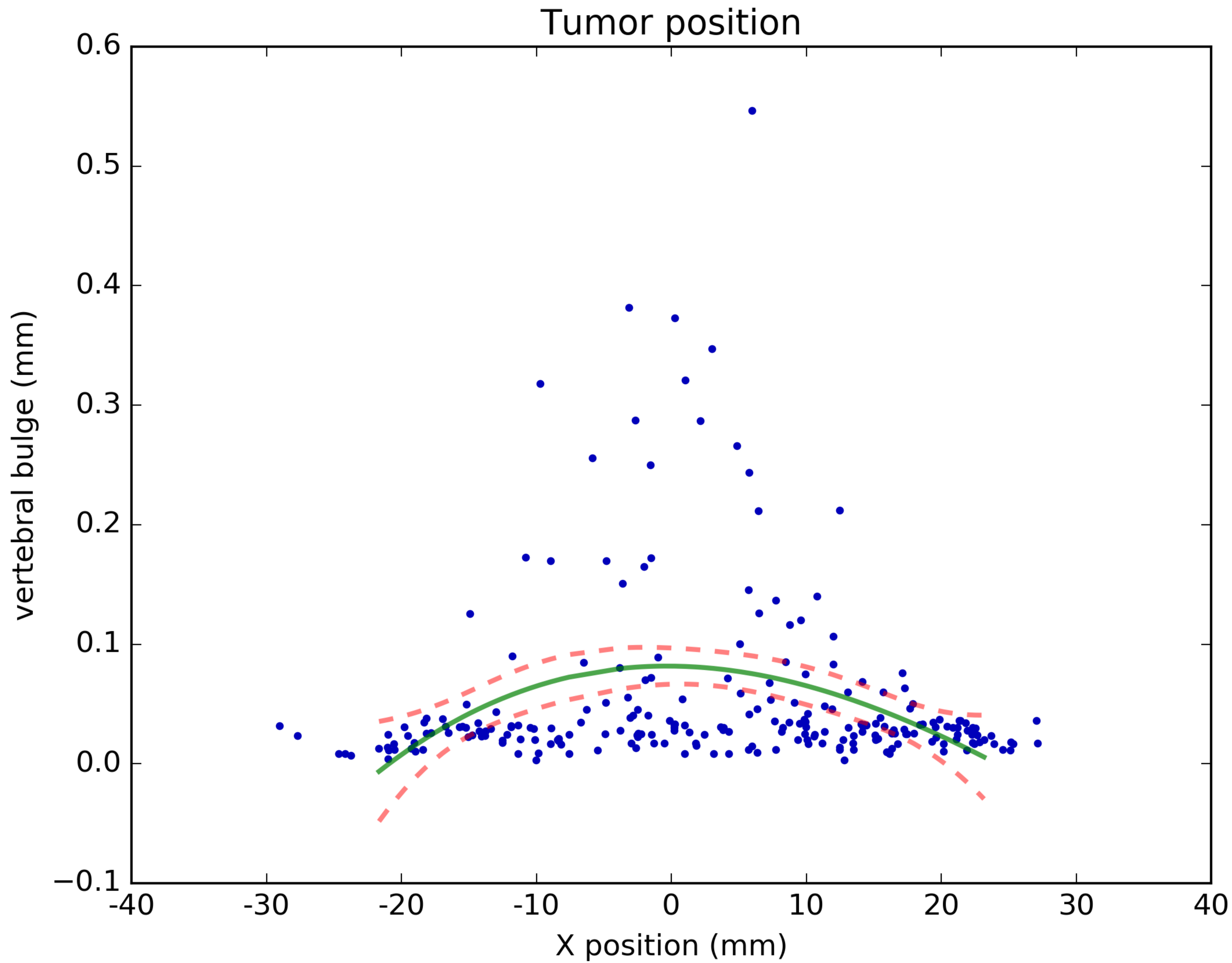




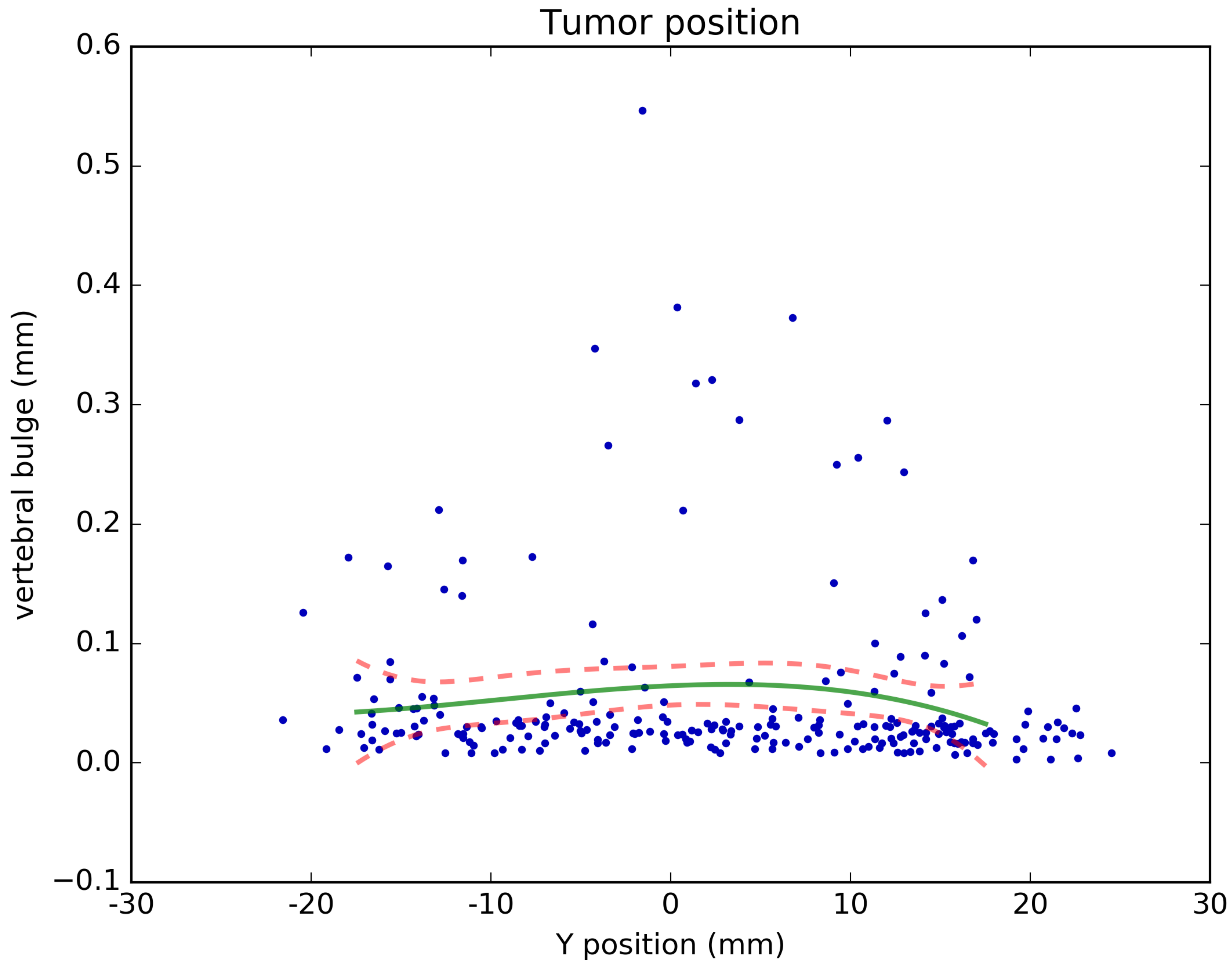
S1: Effect of the tumor size (in mm<sup>3</sup>) in determining the vertebral bulge

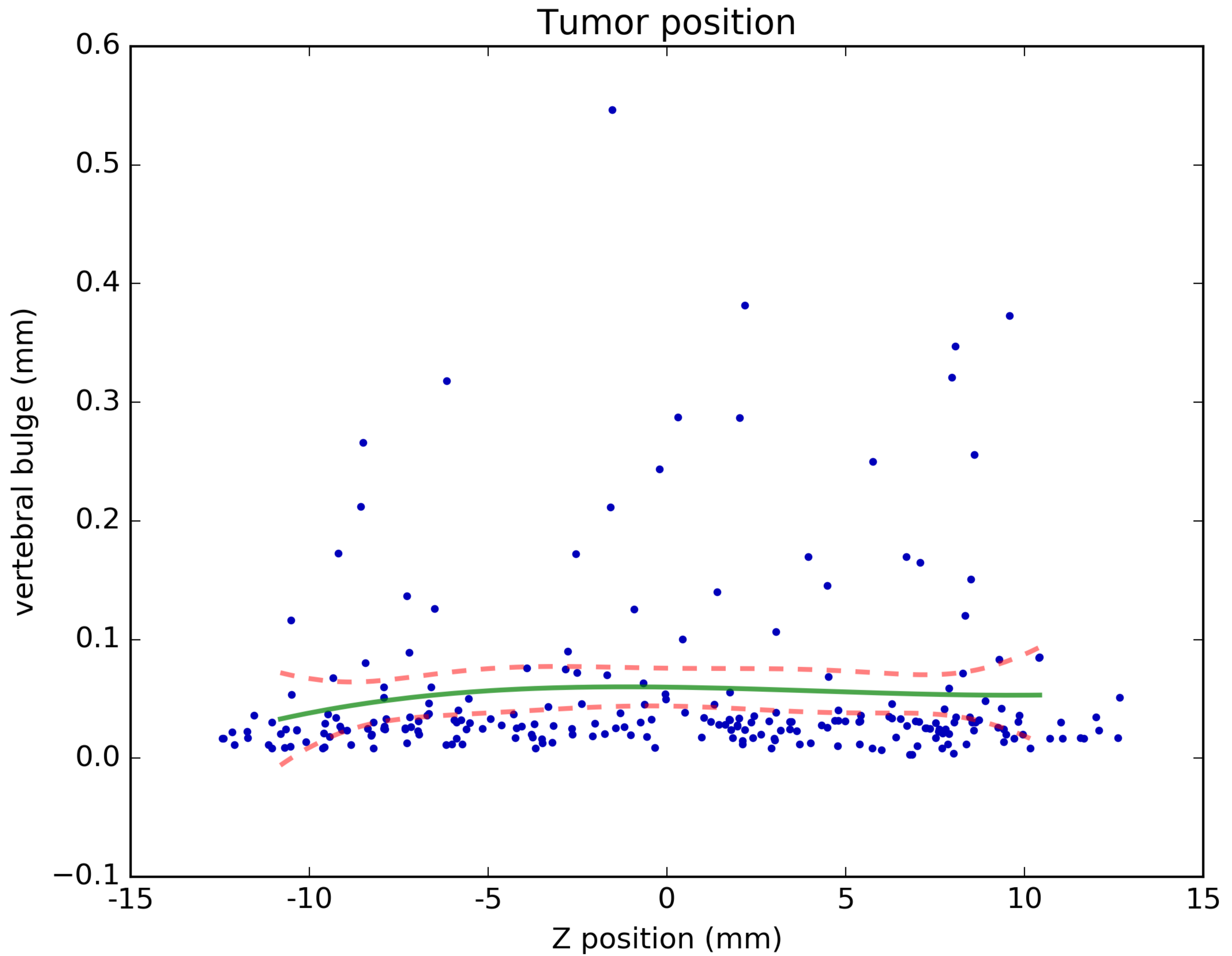


S1: Effect of the tumor position (X coordinate of the centroid) in determining the vertebral bulge

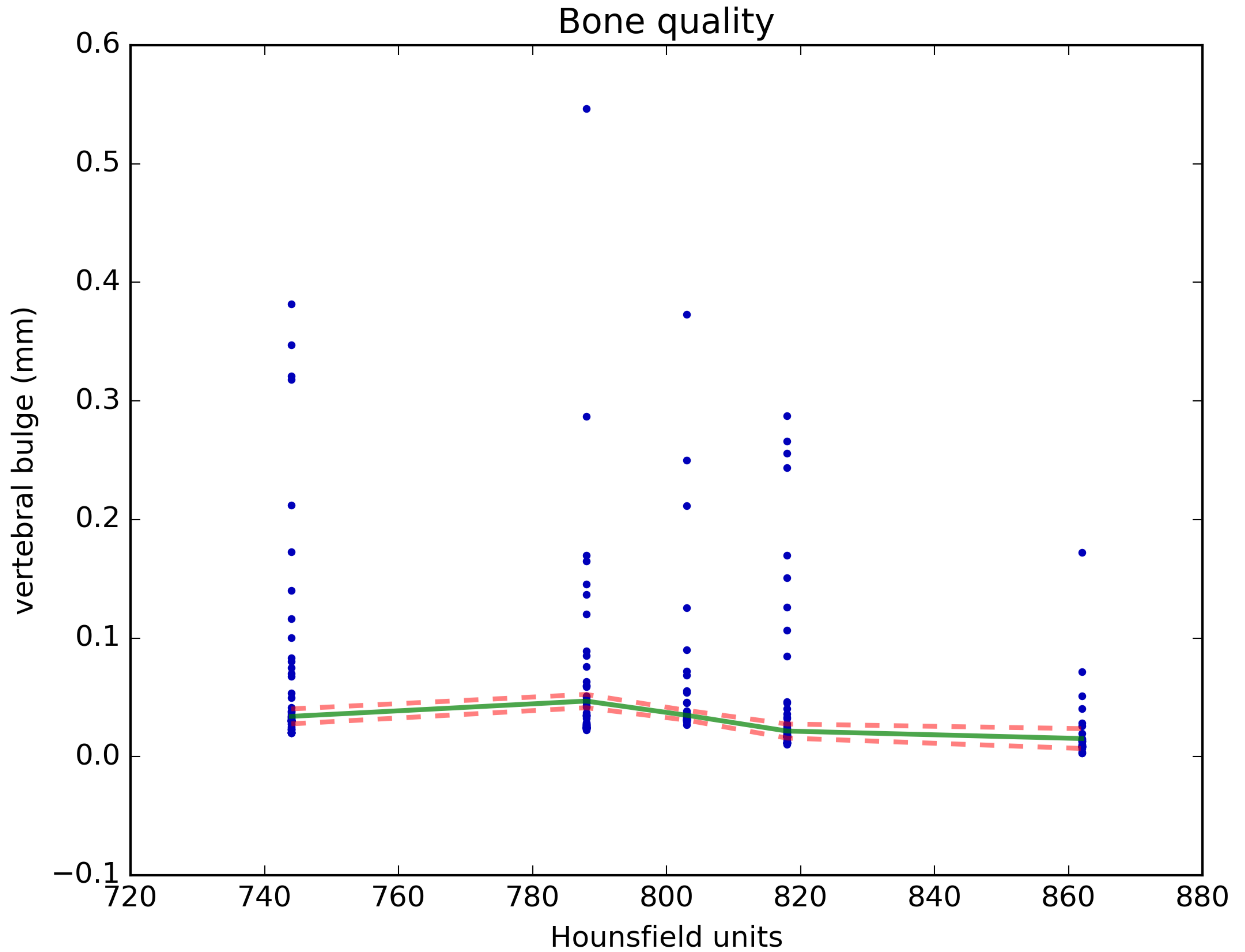


S1: Effect of the tumor position (Y coordinate of the centroid) in determining the vertebral bulge

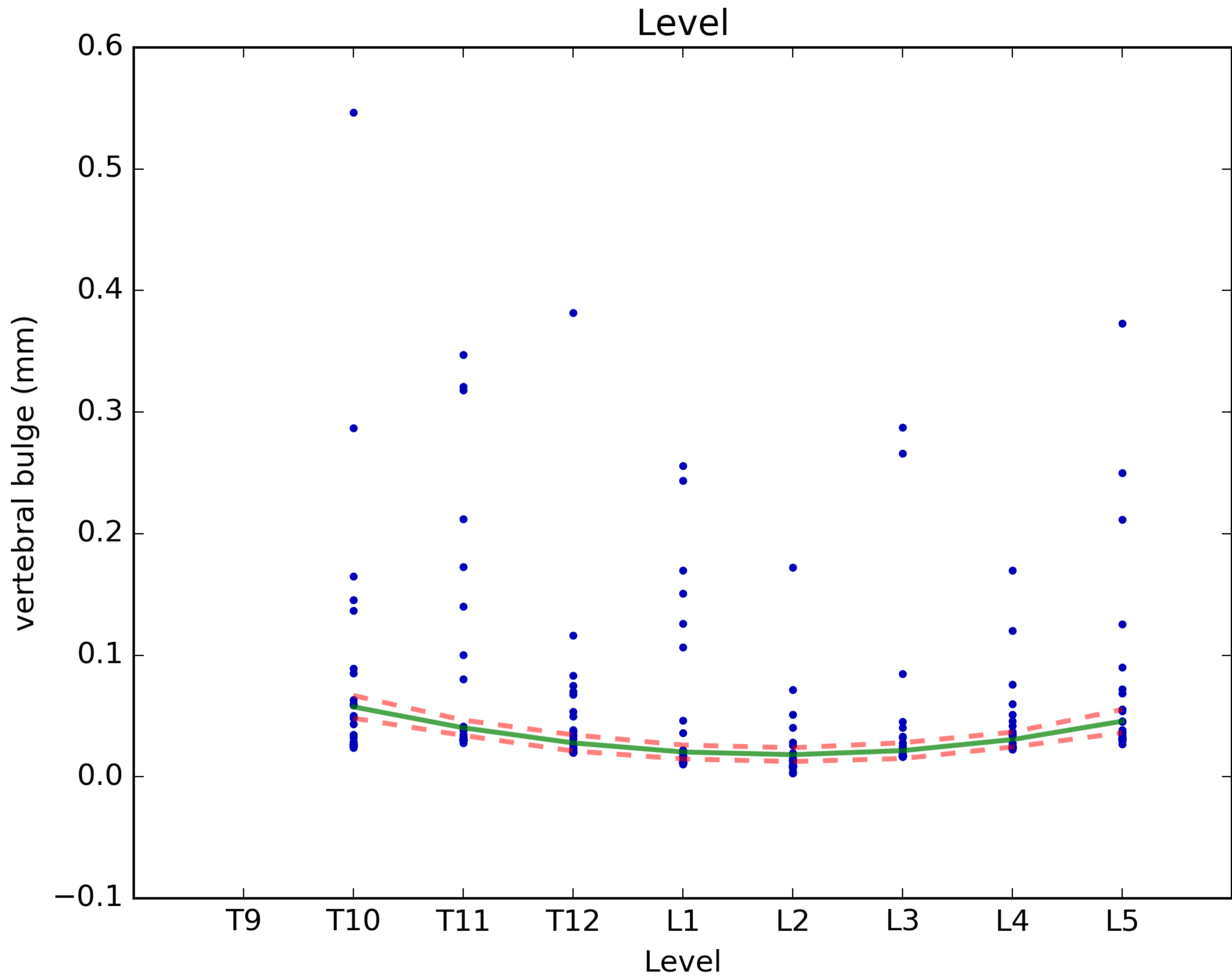




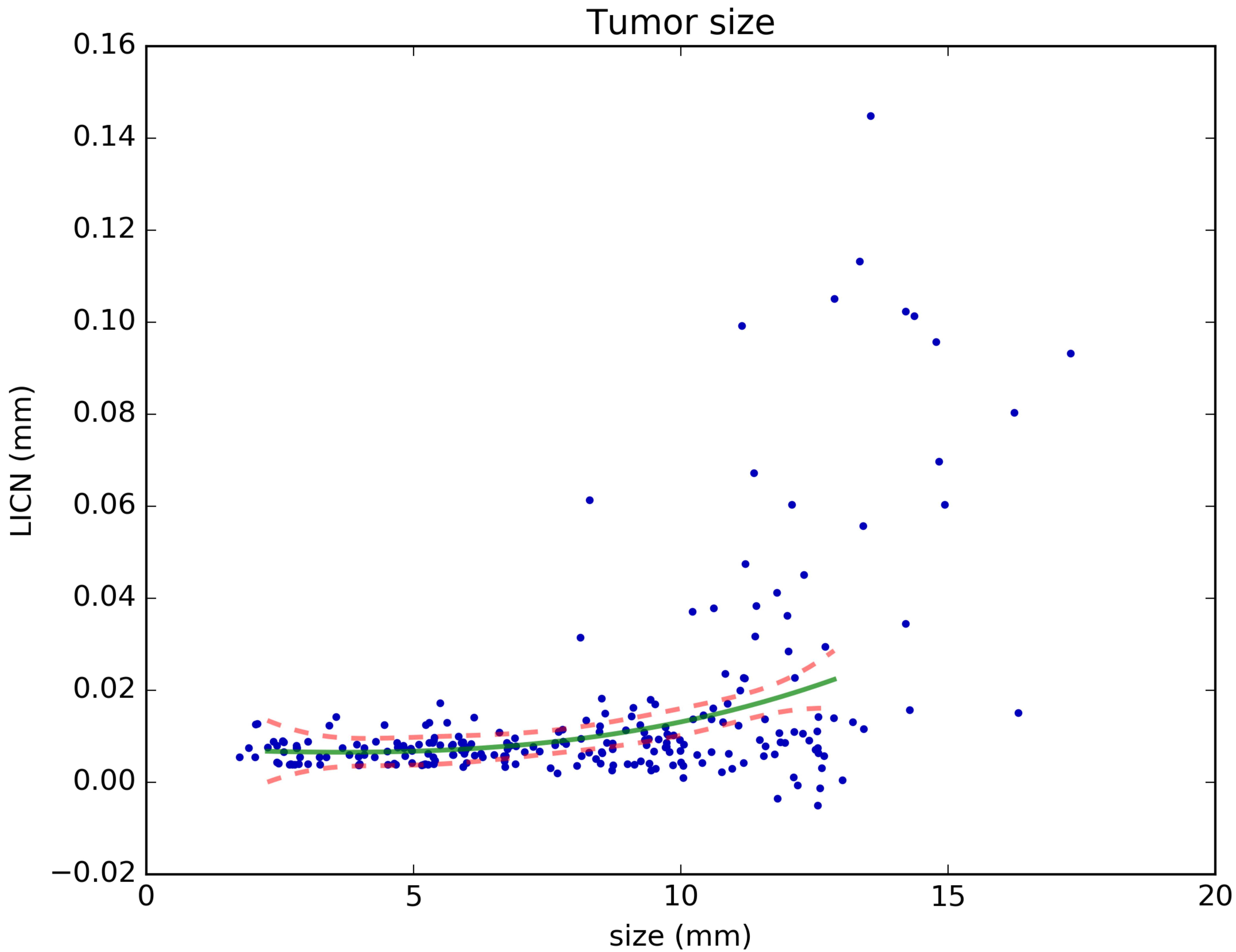
S1: Effect of the bone quality (in average Hounsfield units for each vertebra) in determining the vertebral bulge



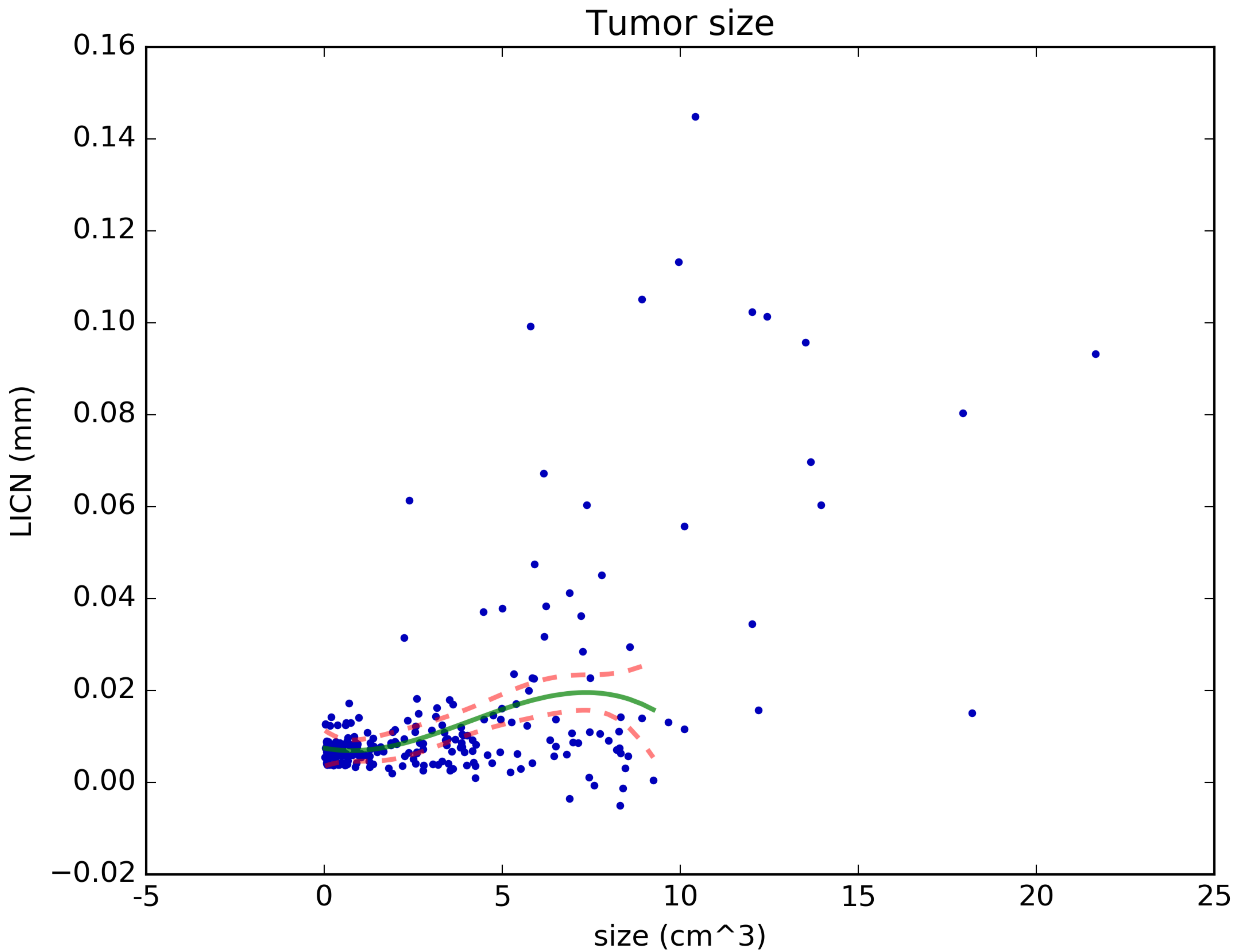
S1: Effect of the vertebral level in determining the vertebral bulge



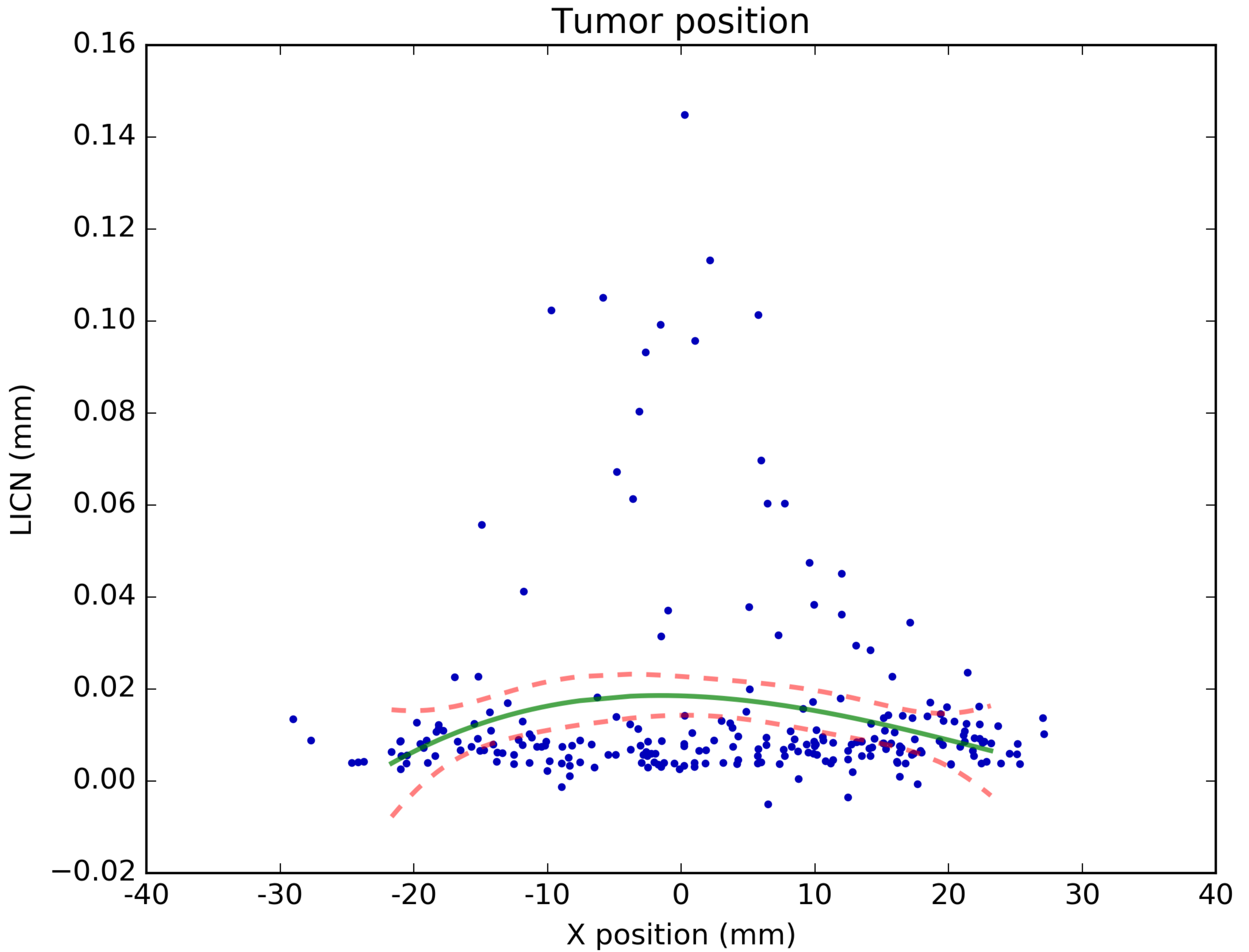
S1: Effect of the tumor size (in mm) in determining the load-induced canal narrowing

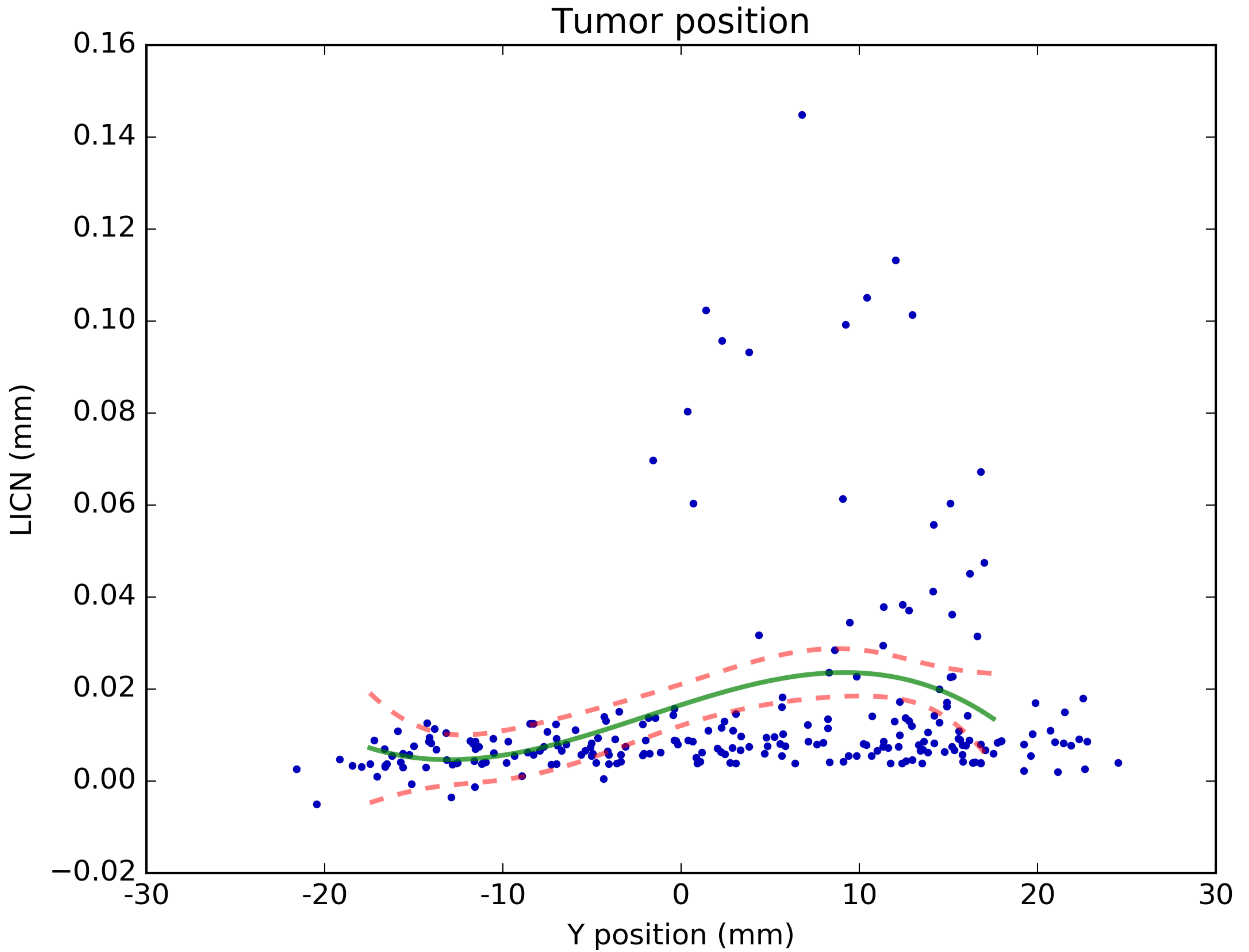


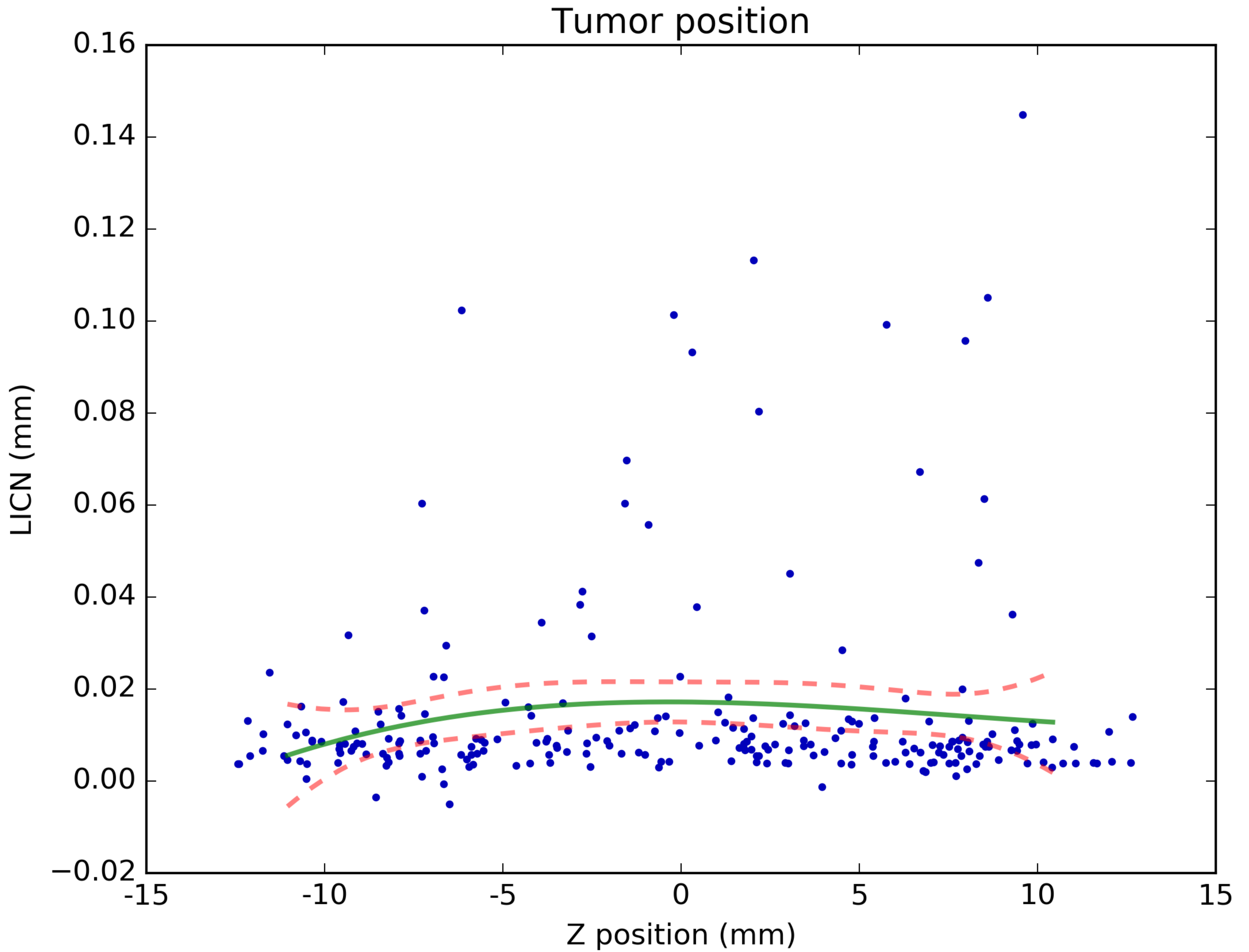
S1: Effect of the tumor size (in mm<sup>3</sup>) in determining the load-induced canal narrowing

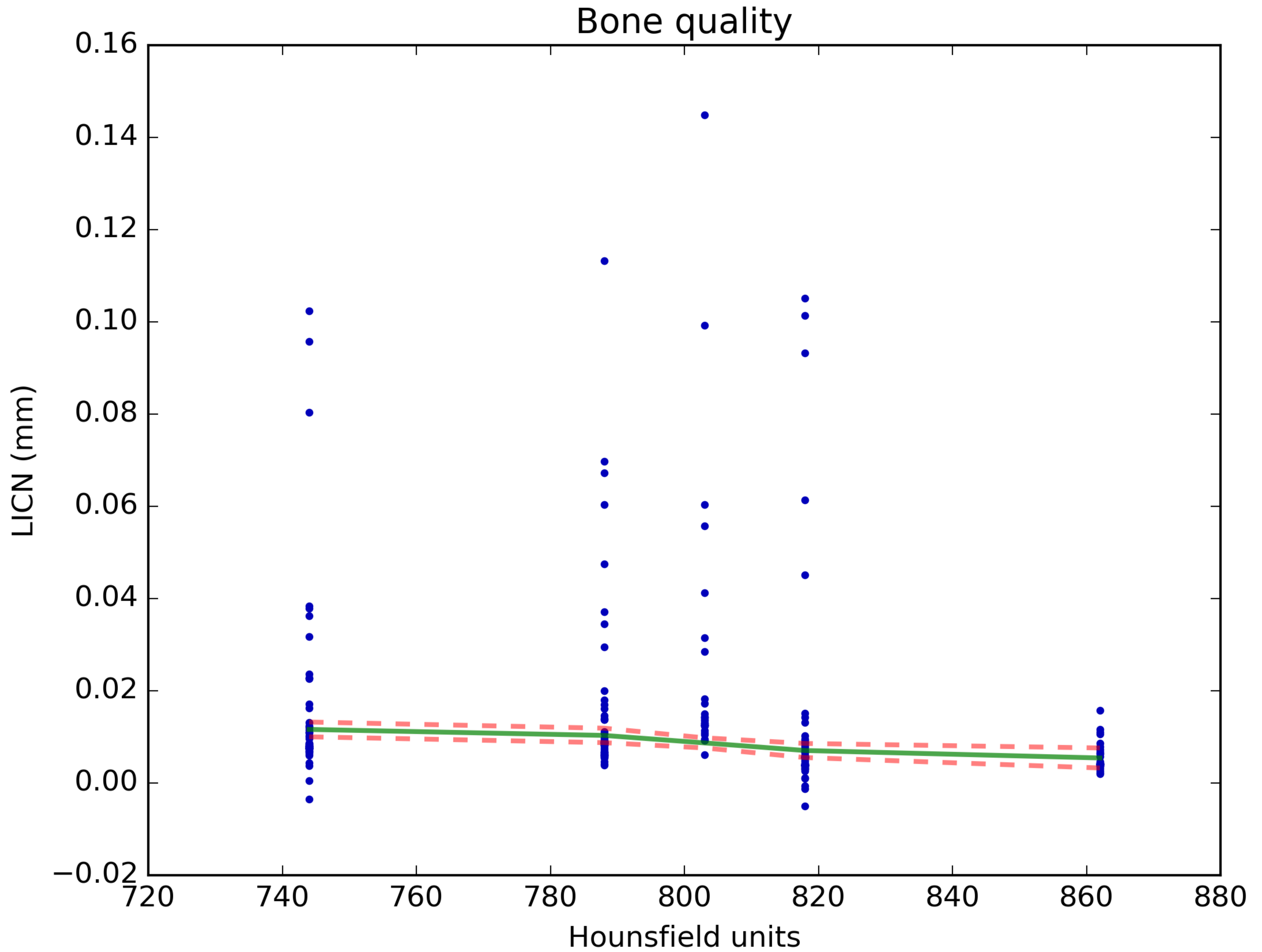












S1: Effect of the vertebral level in determining the load-induced canal narrowing

