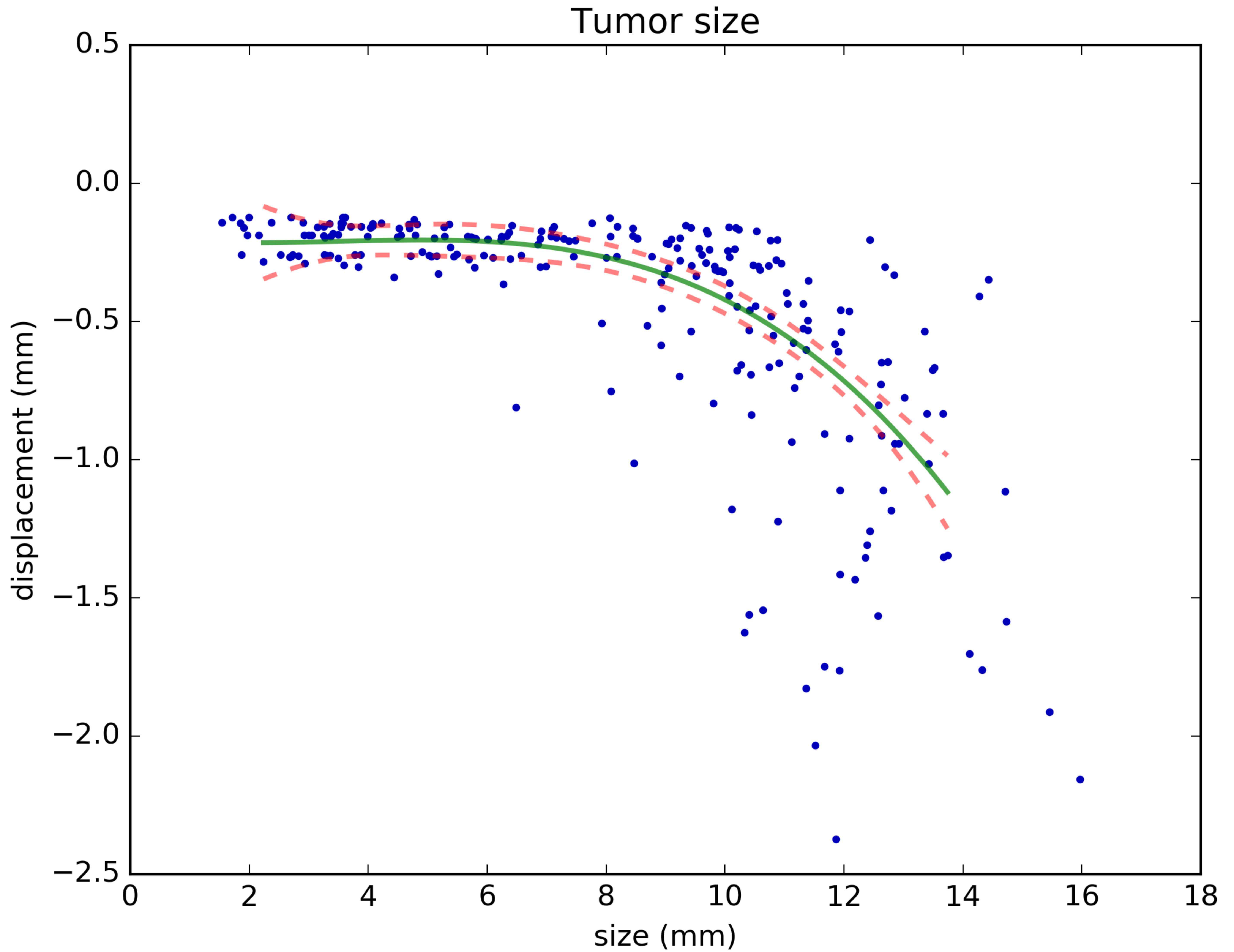
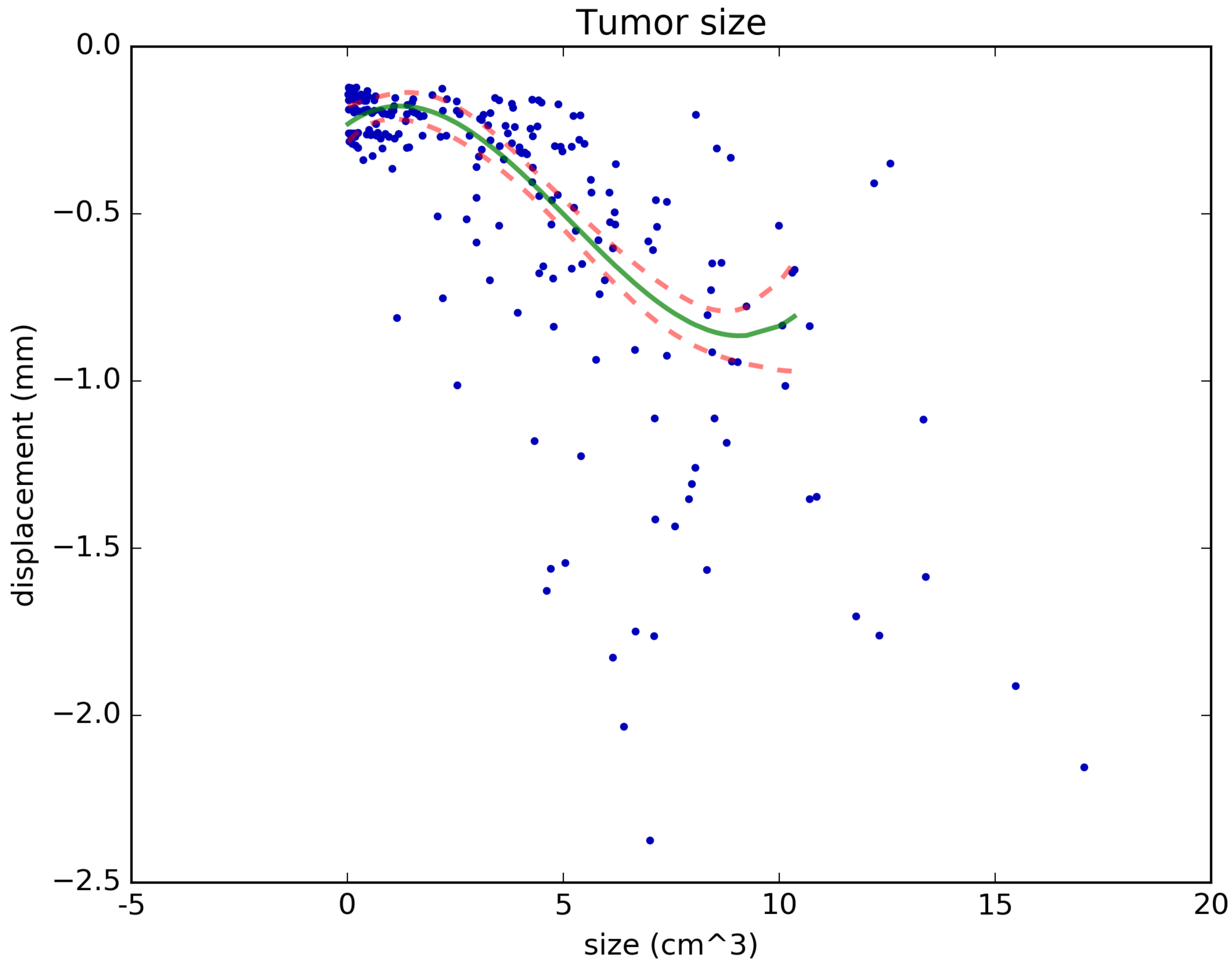
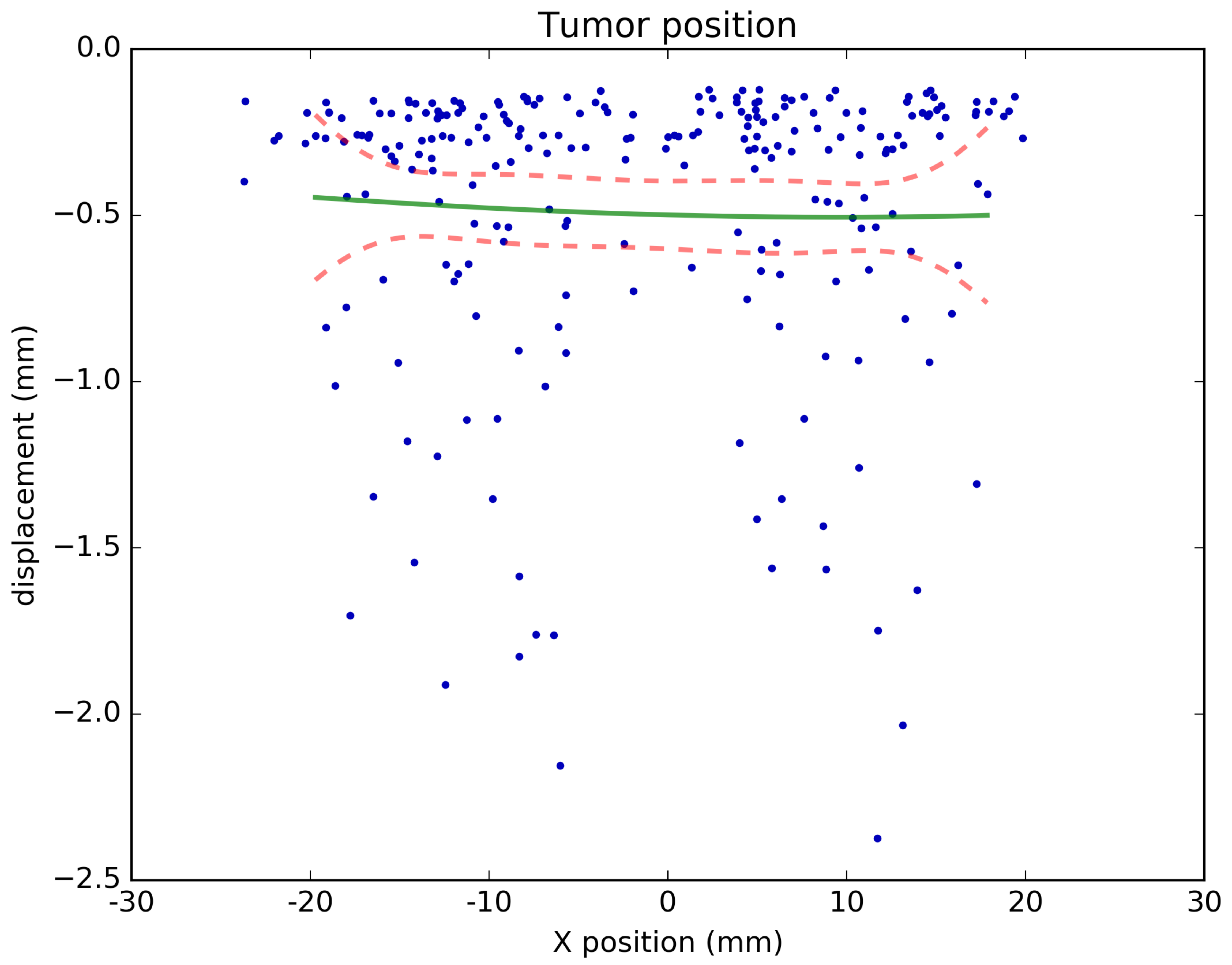


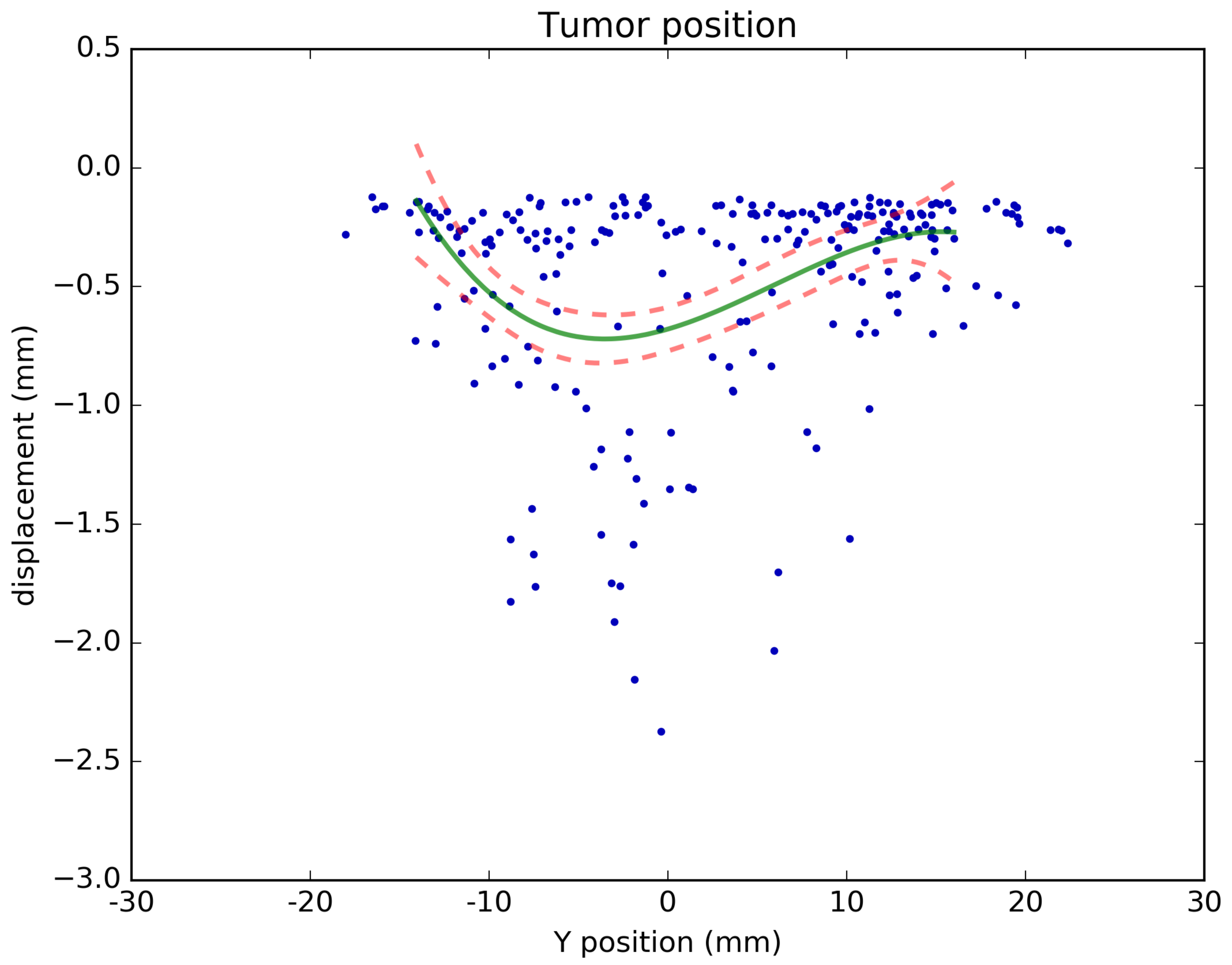
S3: Effect of the tumor size (in mm) in determining the average axial displacement

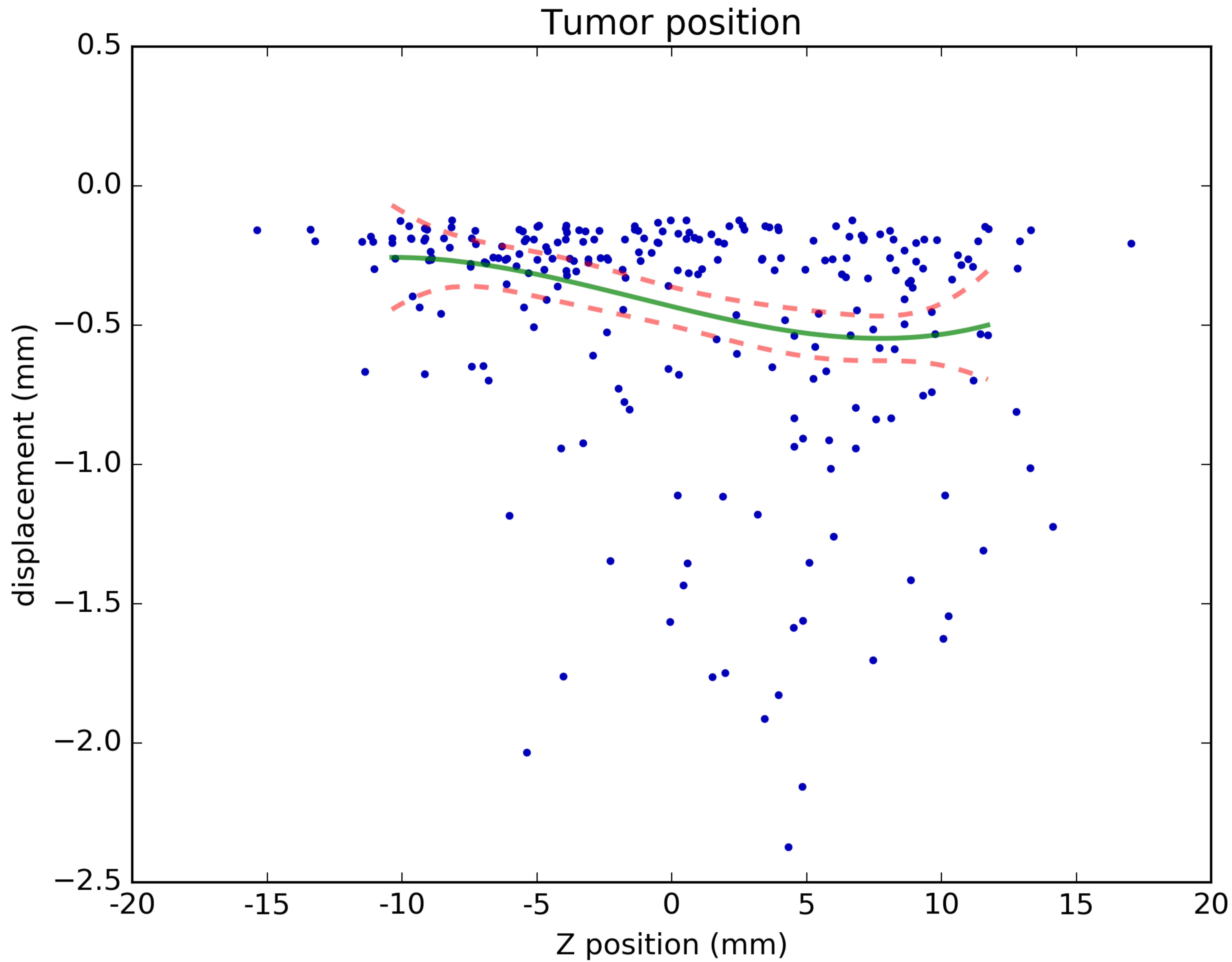


S3: Effect of the tumor size (in mm<sup>3</sup>) in determining the average axial displacement

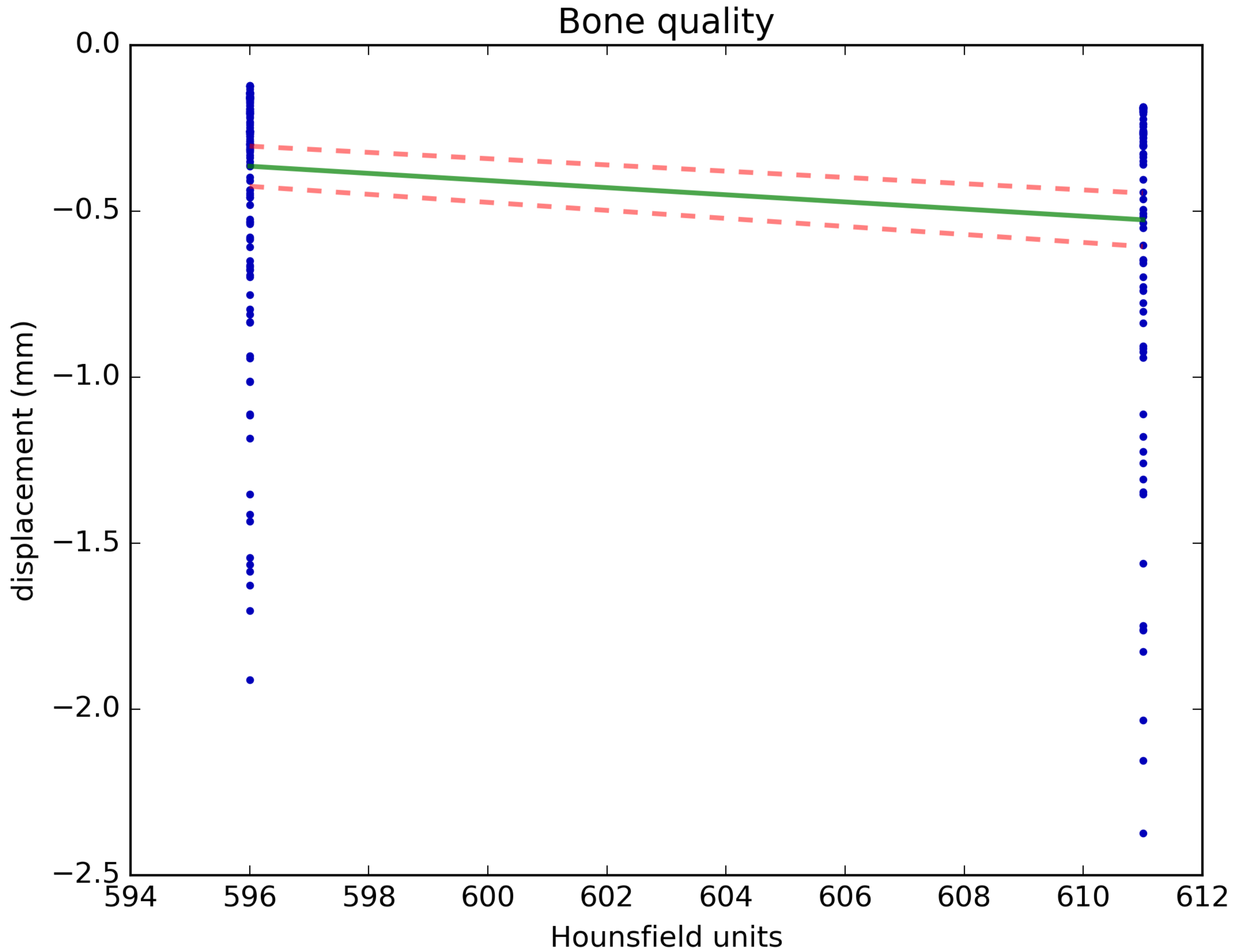




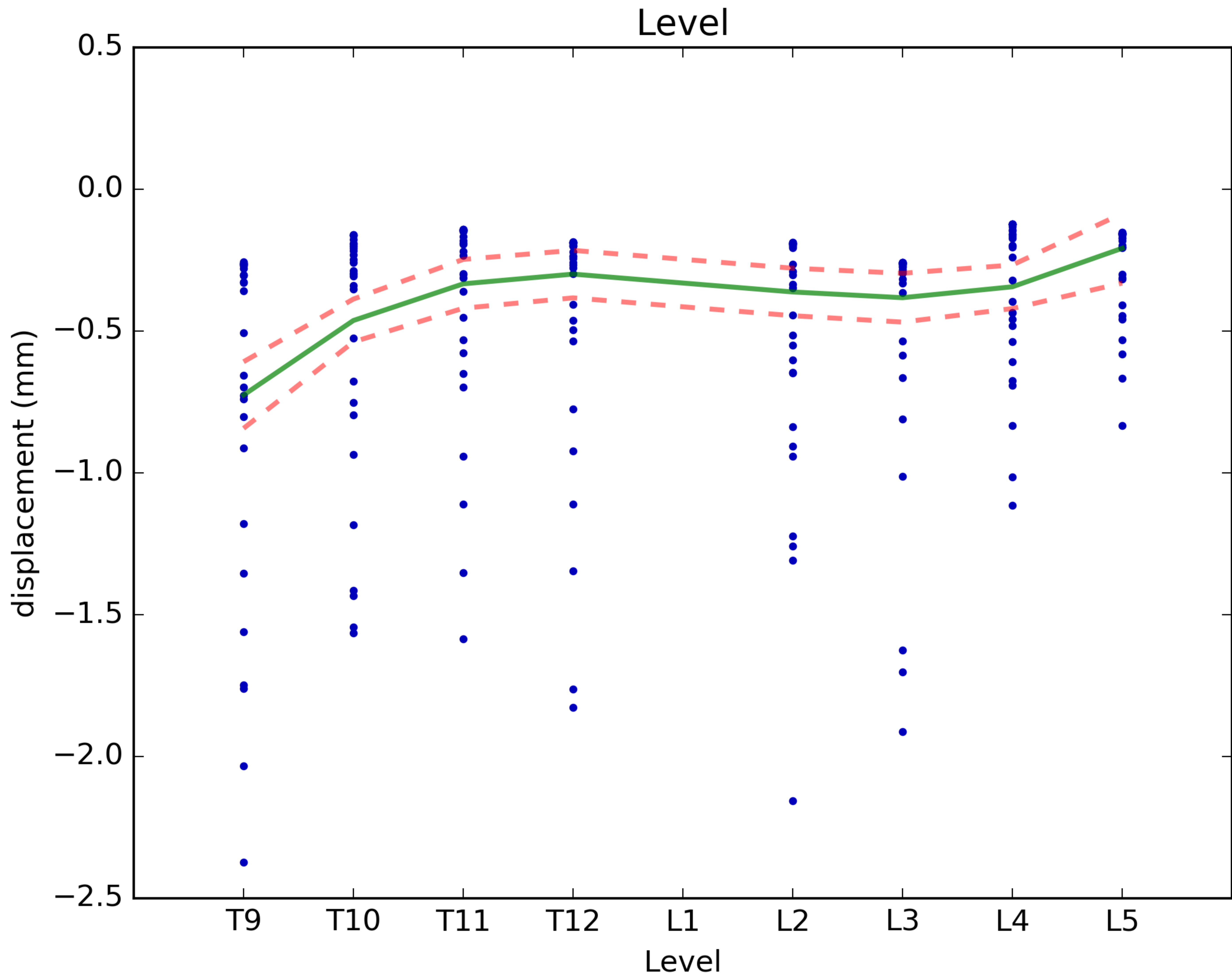




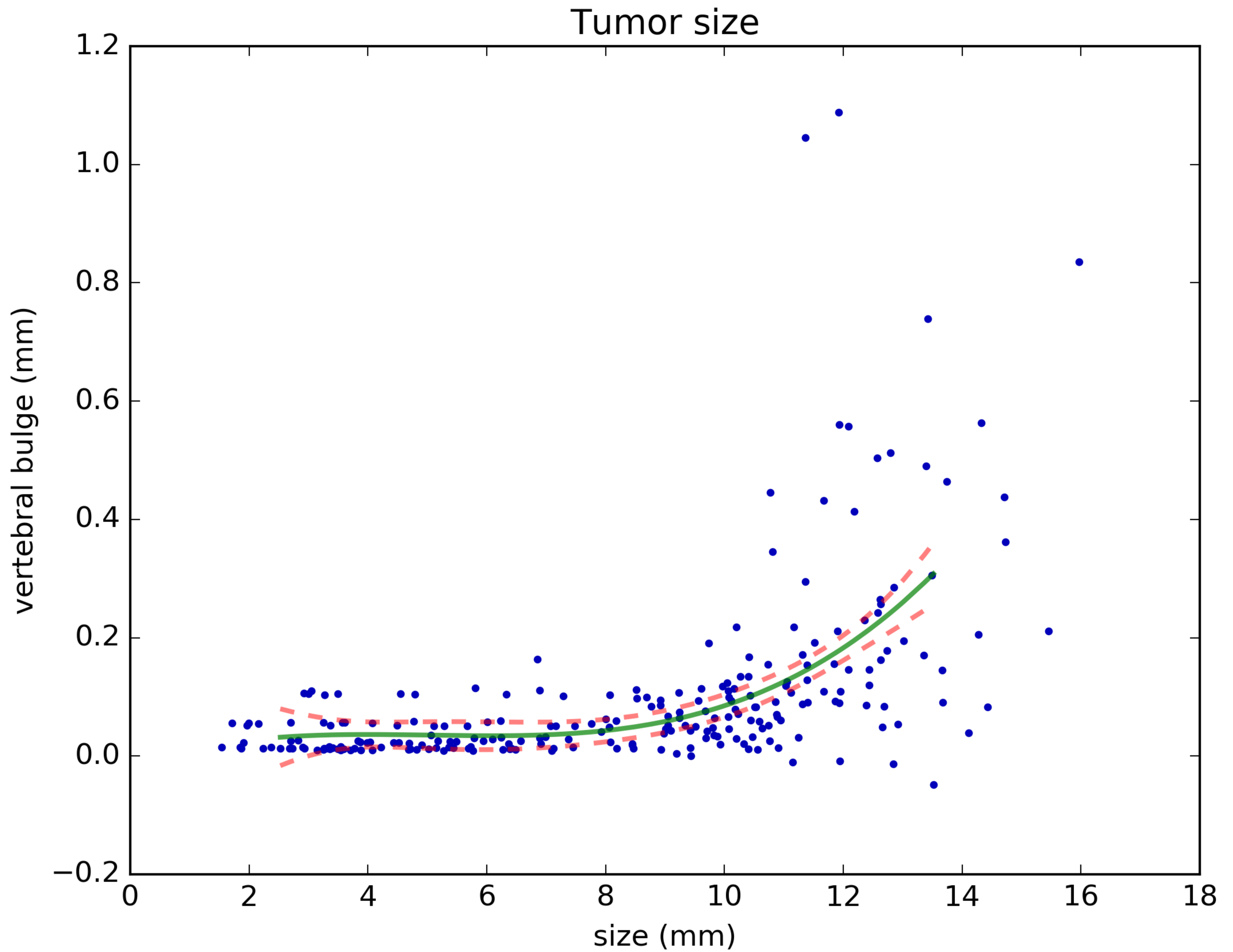
S3: of the bone quality (in average Hounsfield units for each vertebra) in determining the average axial displacement



S3: Effect of the vertebral level in determining the average axial displacement

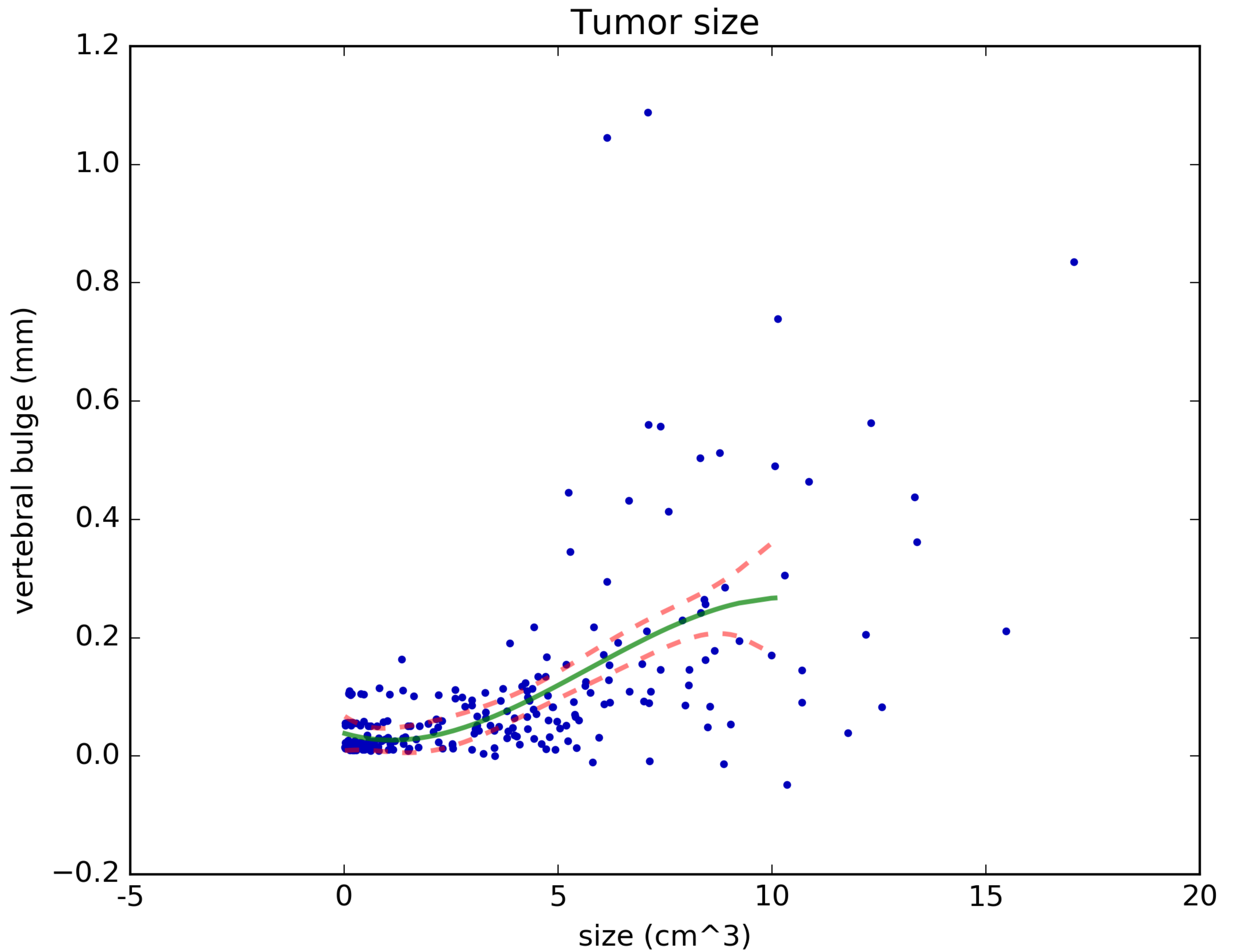


S3: Effect of the tumor size (in mm) in determining the vertebral bulge

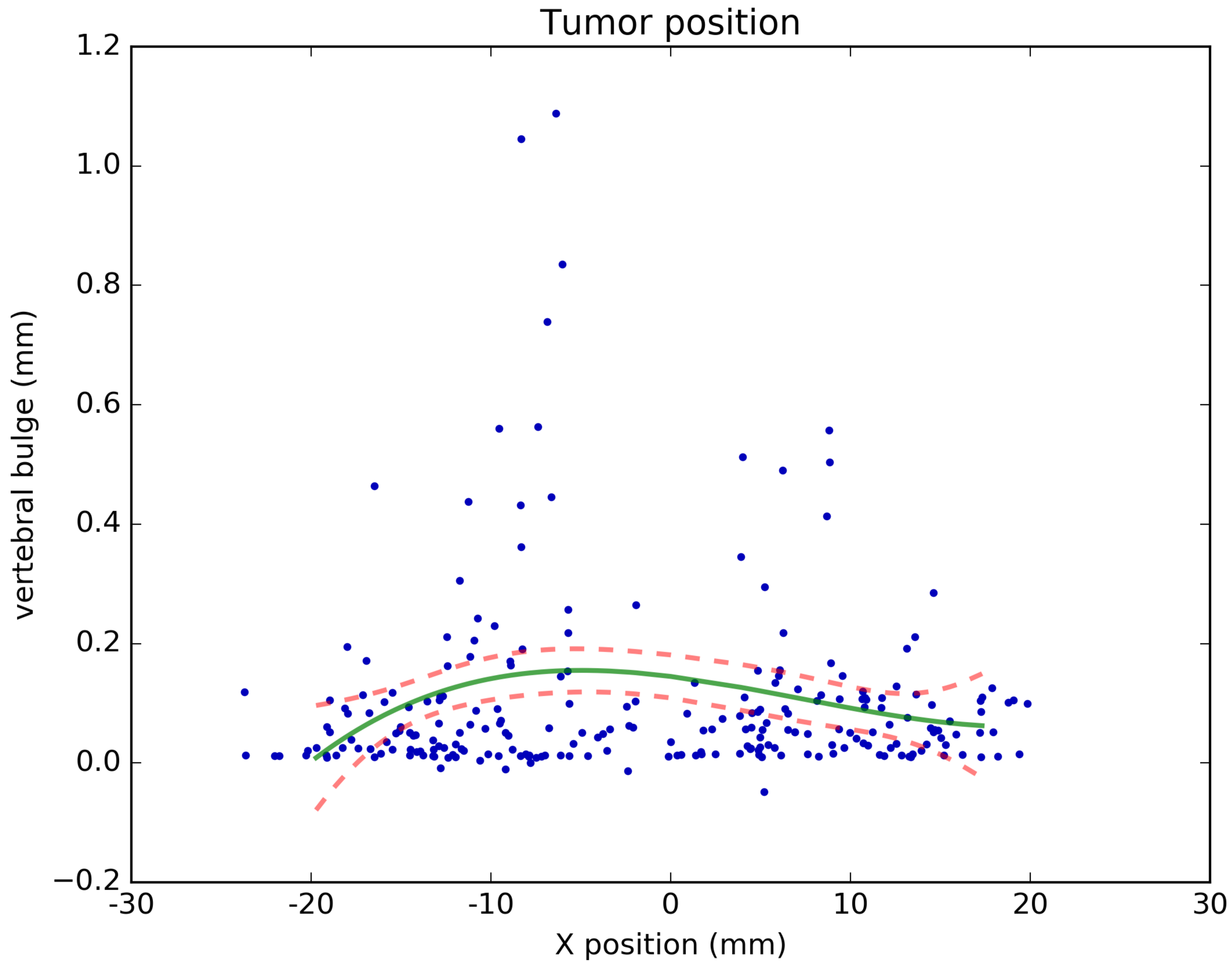


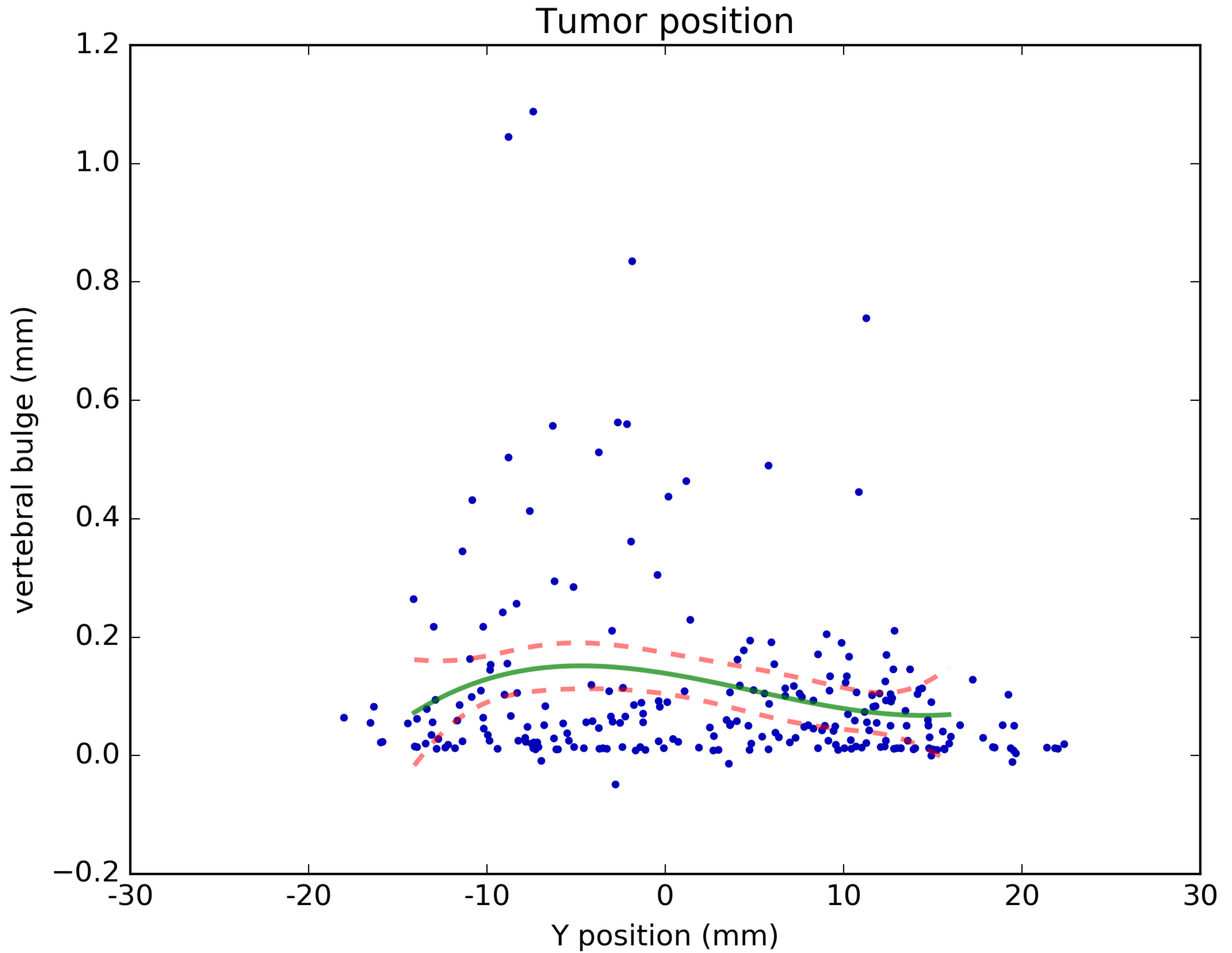


S3: Effect of the tumor size (in mm<sup>3</sup>) in determining the vertebral bulge

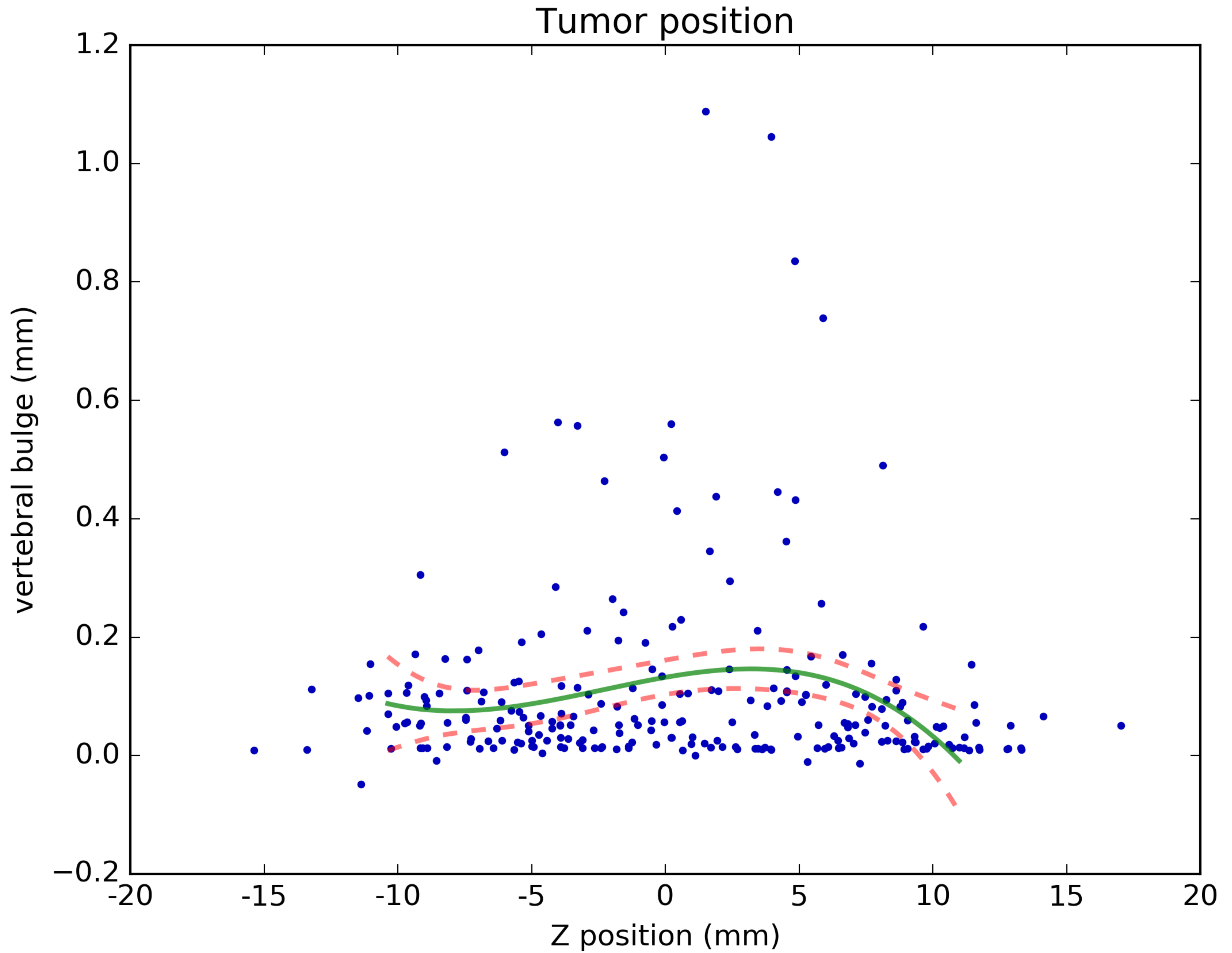


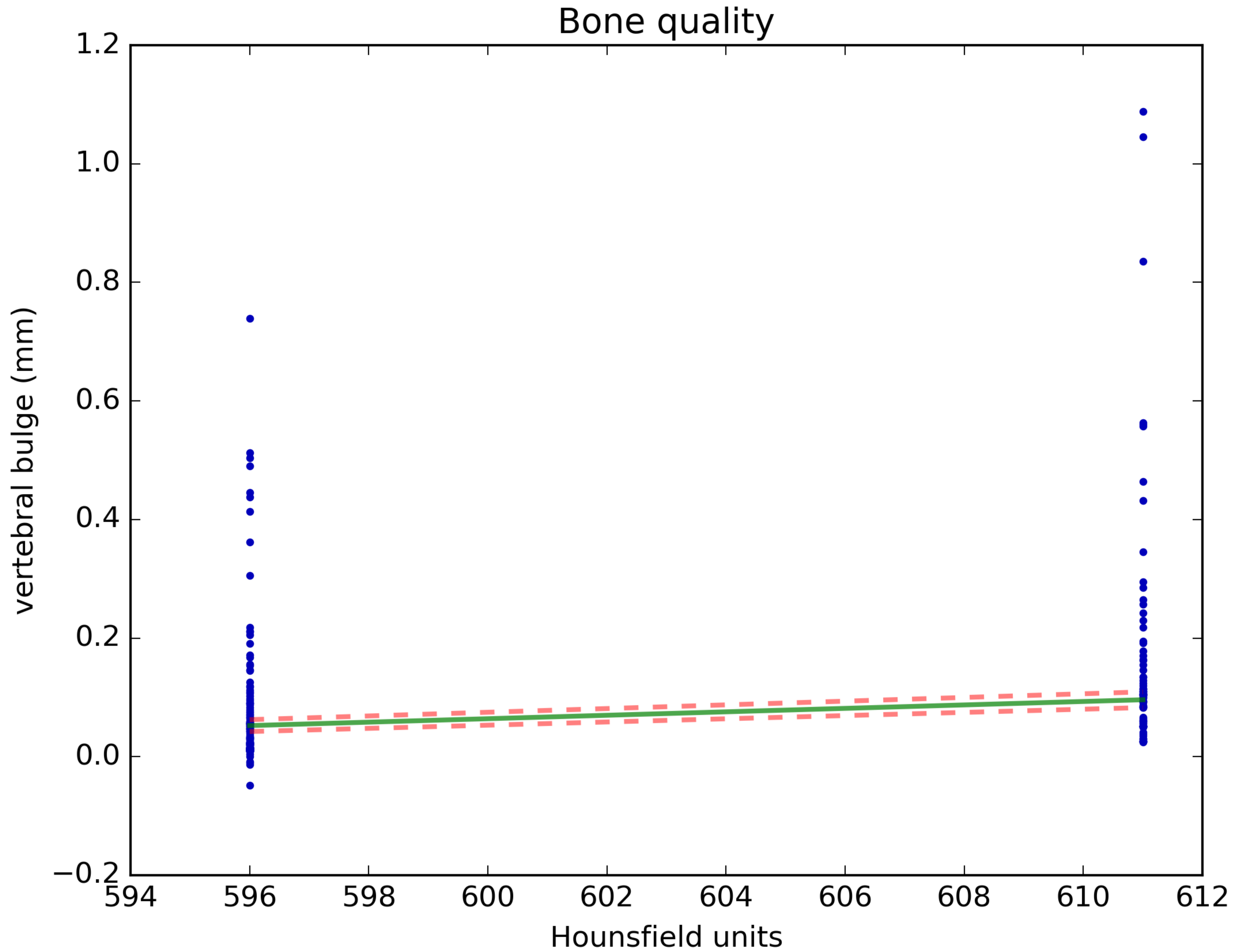
S3: Effect of the tumor position (X coordinate of the centroid) in determining the vertebral bulge



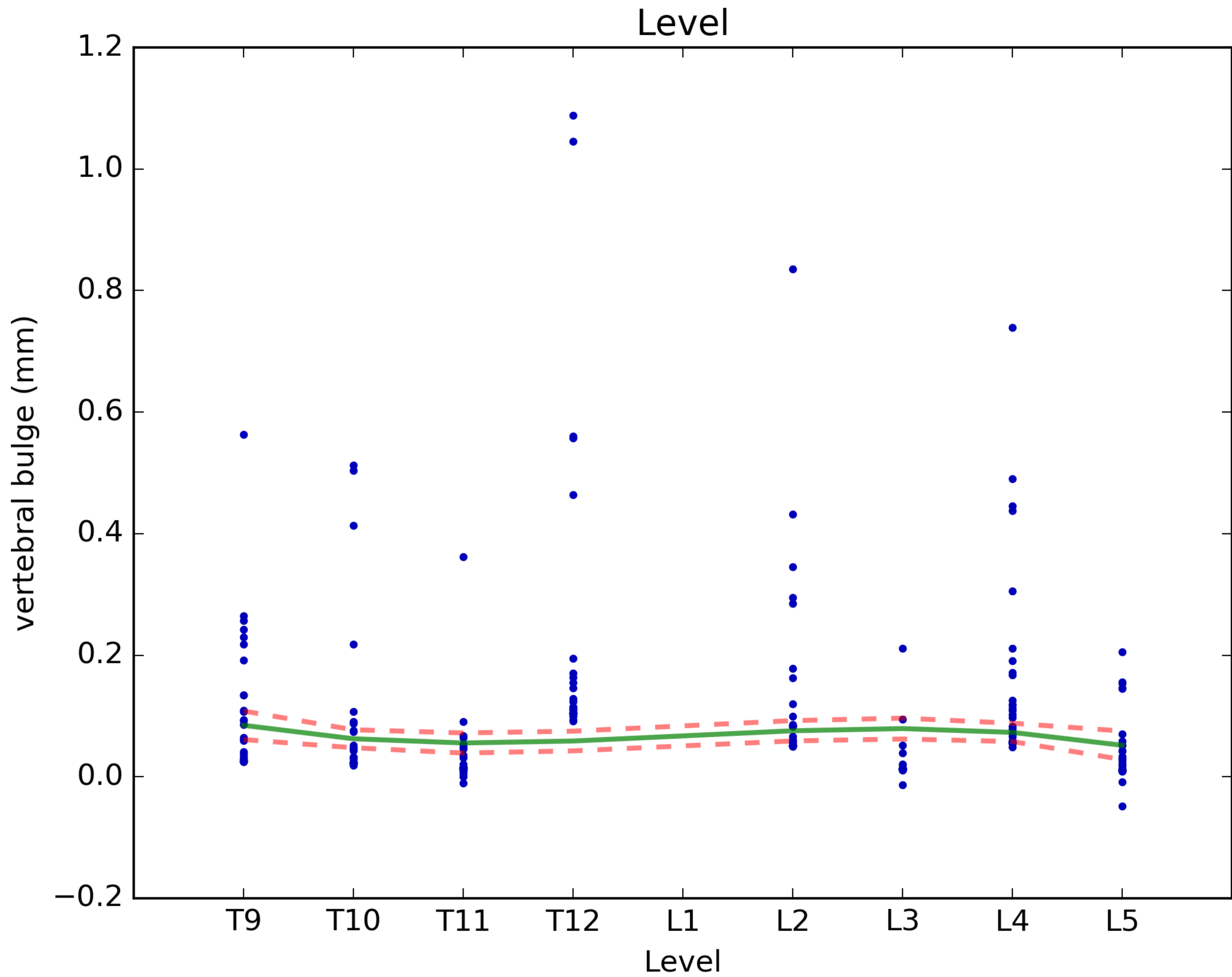


S3: Effect of the tumor position (Z coordinate of the centroid) in determining the vertebral bulge

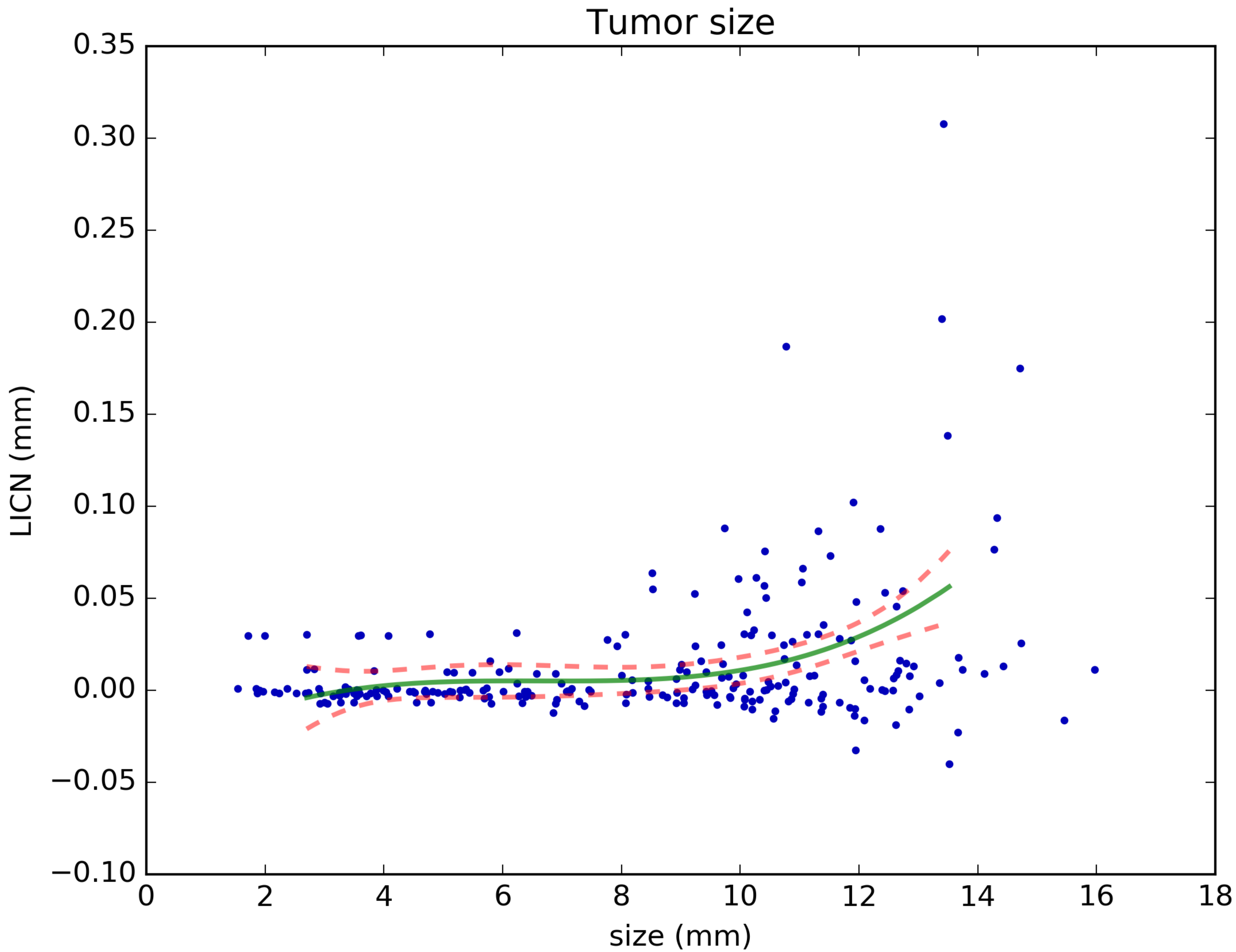




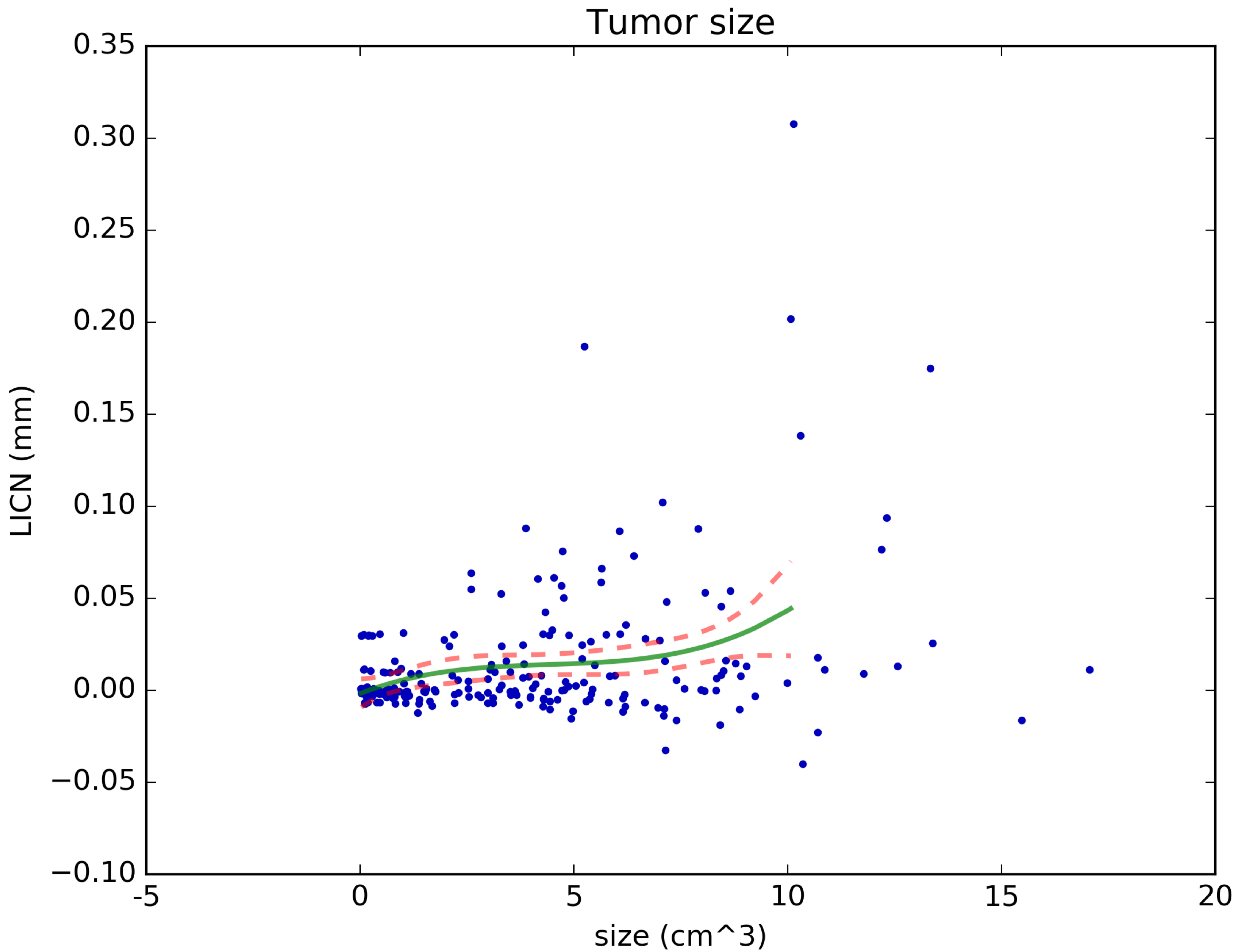
S3: Effect of the vertebral level in determining the vertebral bulge



S3: Effect of the tumor size (in mm) in determining the load-induced canal narrowing

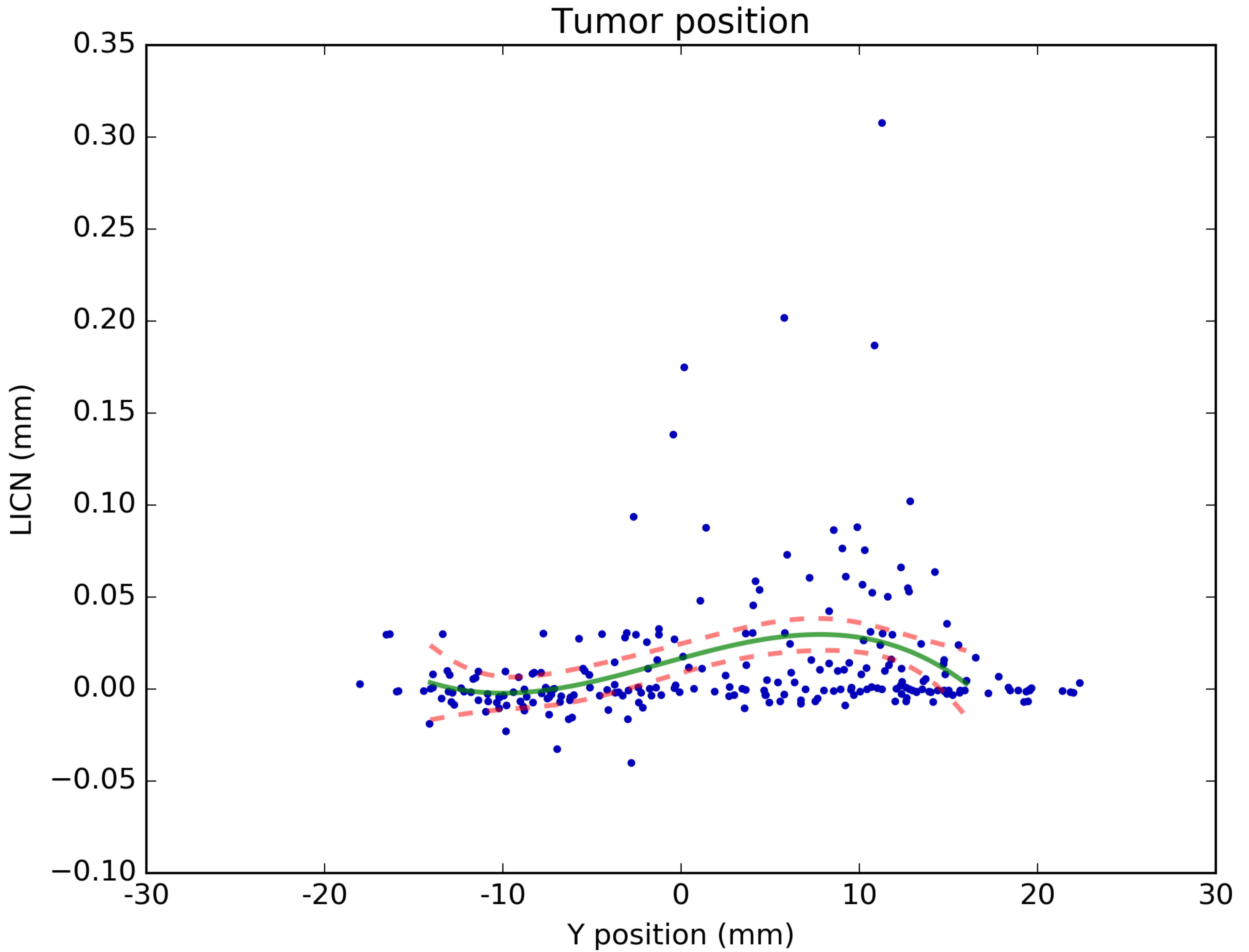


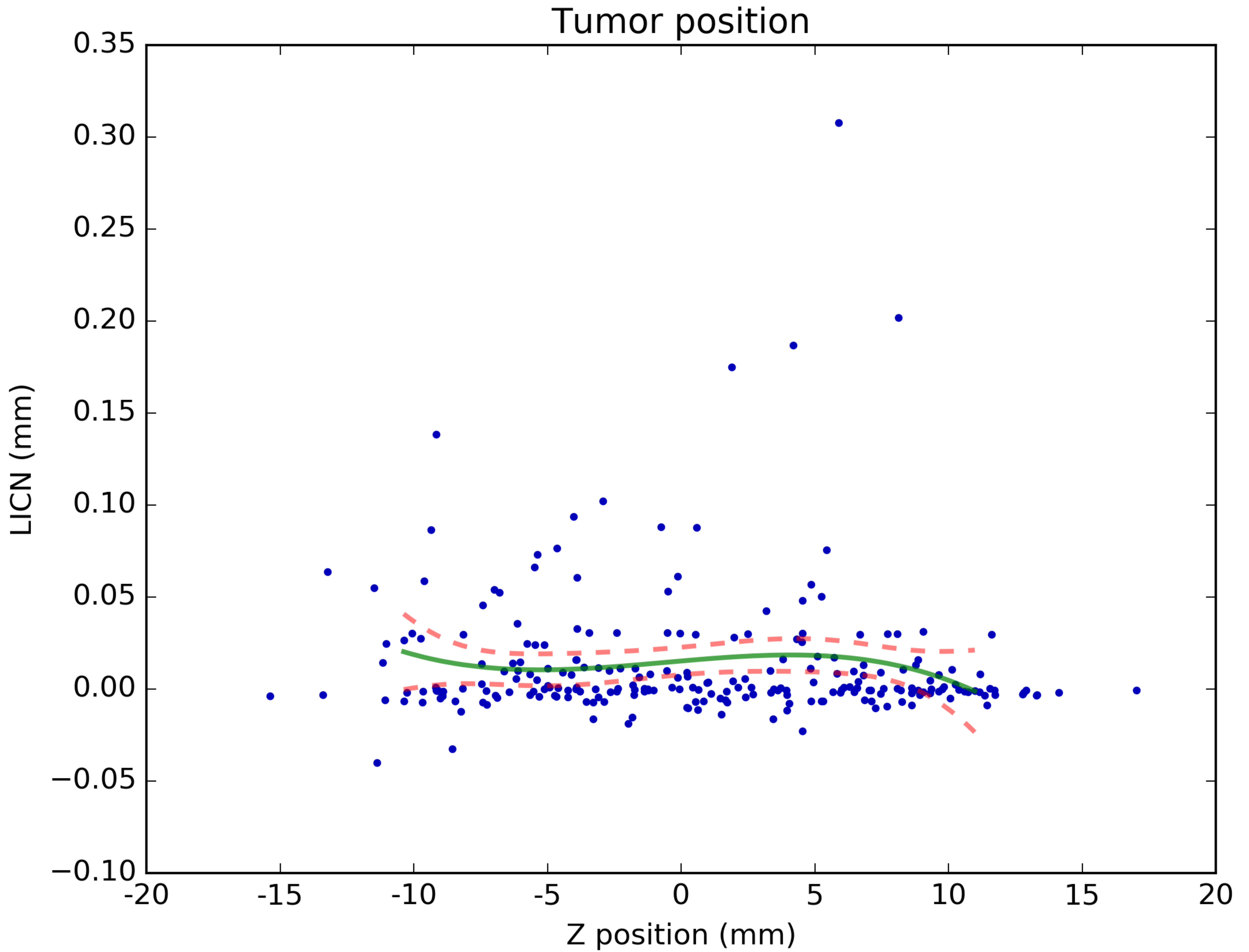
S3: Effect of the tumor size (in mm<sup>3</sup>) in determining the load-induced canal narrowing

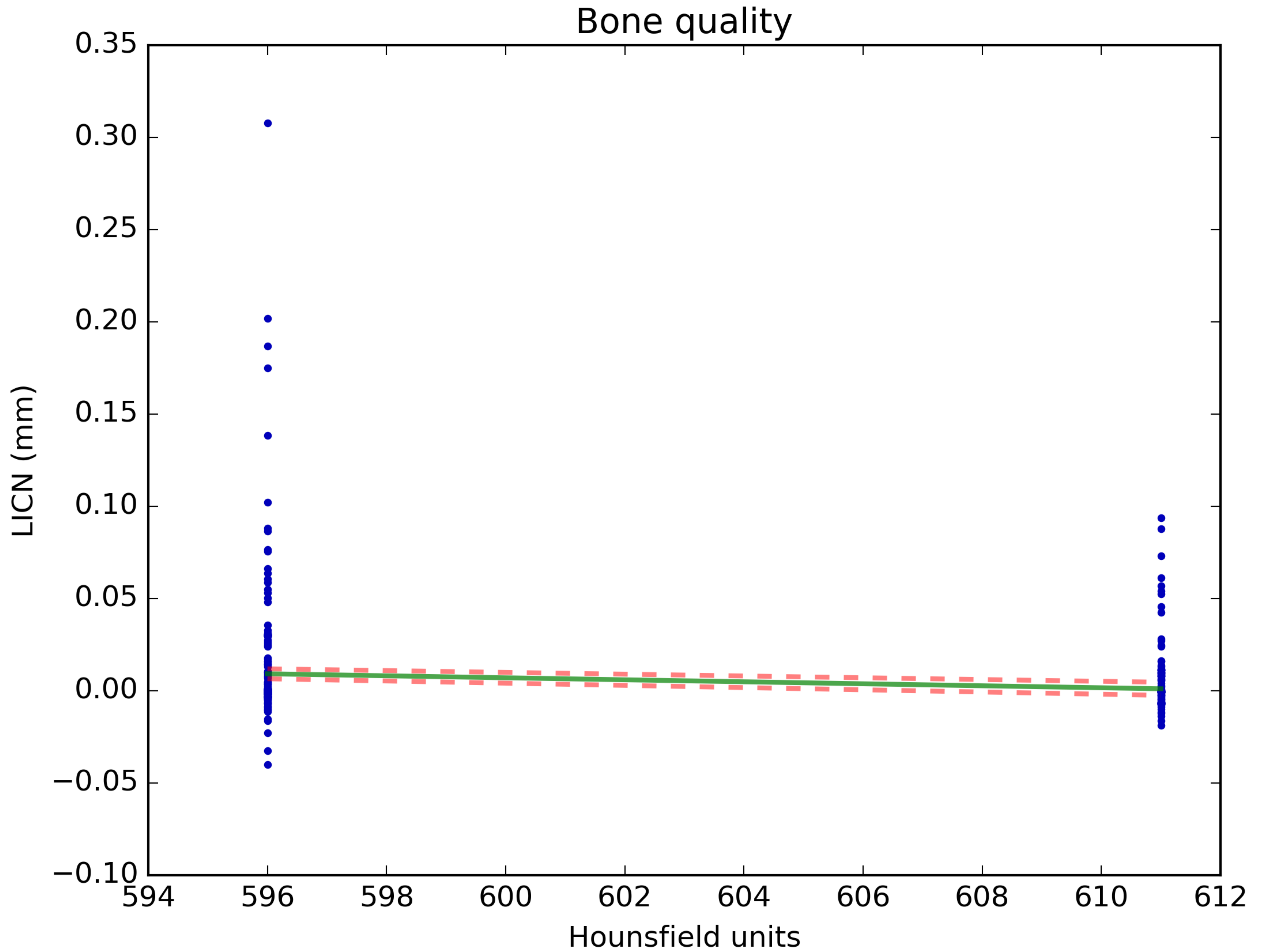












S3: Effect of the vertebral level in determining the load-induced canal narrowing

