Supplementary Table 4. Interobserver Reproducibility of Texture Analysis Results

Segmentation Method	Interobserver Agreement (Semi-Automatic)	Interobserver Agreement (Fully Automatic)
Volume	0.997 (0.988–0.998)	0.909 (0.811–0.957)
Diameter	0.970 (0.932–0.986)	0.858 (0.702–0.932)
First-order		
Mean	0.991 (0.973–0.996)	0.971 (0.940–0.986)
Variance	0.964 (0.913–0.984)	0.923 (0.839–0.963)
Energy	0.995 (0.988–0.998)	0.868 (0.724–0.937)
Entropy	0.939 (0.855–0.973)	0.900 (0.790–0.952)
Skewness	0.956 (0.909–0.979)	0.746 (0.461–0.880)
Kurtosis	0.962 (0.920–0.982)	0.177 (-0.773–0.613)
Uniformity	0.921 (0.819–0.964)	0.849 (0.684–0.928)
Second-order		
GLCM IDM	0.994 (0.986–0.997)	0.981 (0.961–0.991)
GLCM contrast	0.995 (0.989–0.998)	0.984 (0.967–0.992)
GLCM correlation	0.885 (0.732–0.948)	0.684 (0.342– 0.849)
GLCM sum average	0.888 (0.766–0.947)	0.710 (0.384–0.863)
GLCM diff average	0.995 (0.988–0.998)	0.984 (0.966–0.992)
GLCM sum entropy	0.922 (0.815–0.965)	0.856 (0.699–0.931)
GLCM diff entropy	0.995 (0.986–0.998)	0.977 (0.951–0.989)
Shape		
Compactness1	0.502 (-0.001– 0.760)	0.321 (-0.429–0.677)
Compactness2	0.521 (0.012–0.771)	0.208 (-0.671–0.623)
Elongation	0.001 (-0.167–0.235)	0.818 (0.615–0.914)
Flatness	0.888 (0.766–0.946)	0.653 (0.263–0.836)
Sphericity	0.494 (-0.019–0.755)	0.355 (-0.358–0.693)

Data are intraclass correlation coefficient values with 95% confidence interval in parentheses. Interobserver agreement of semi-automatic segmentation or fully-automatic segmentation was calculated between radiologist 1 and radiologist 2. diff = difference, GLCM = Gray-Level Co-occurrence Matrix, IDM = inverse difference moment