Wenda Zhao

2018 Summer ROP

Research question:

Can we segment and quantify Phosphor Storage Plate (PSP) damage-induced dental x ray image artifacts?

Hypothesis:

Our hypothesis is that we can segment and quantify the artifacts by using unsupervised machine learning algorithms.

Objective:

(1): Describe the characteristics of artifacts;

(2): Segment the artifacts from the image;

(3): Quantify the artifacts based on its characteristics.