


Image Perception by Analogue and Digital Viewing

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1 author:
 Victor Chigwanda Mwaikwa
Lincoln University College
KANSUKEKONG, LILONGWE
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Nwaiwu, Victor Chigbundu

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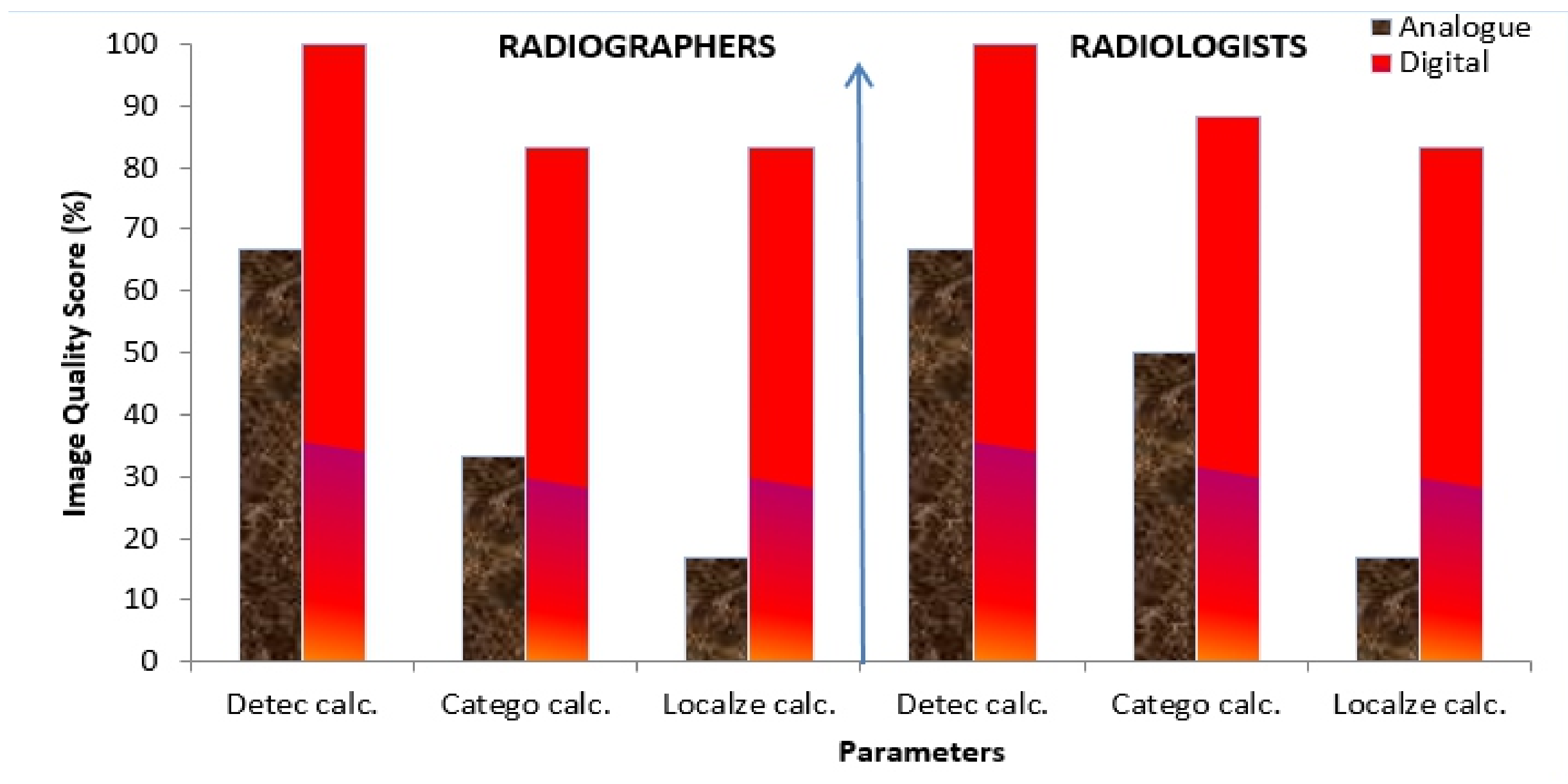
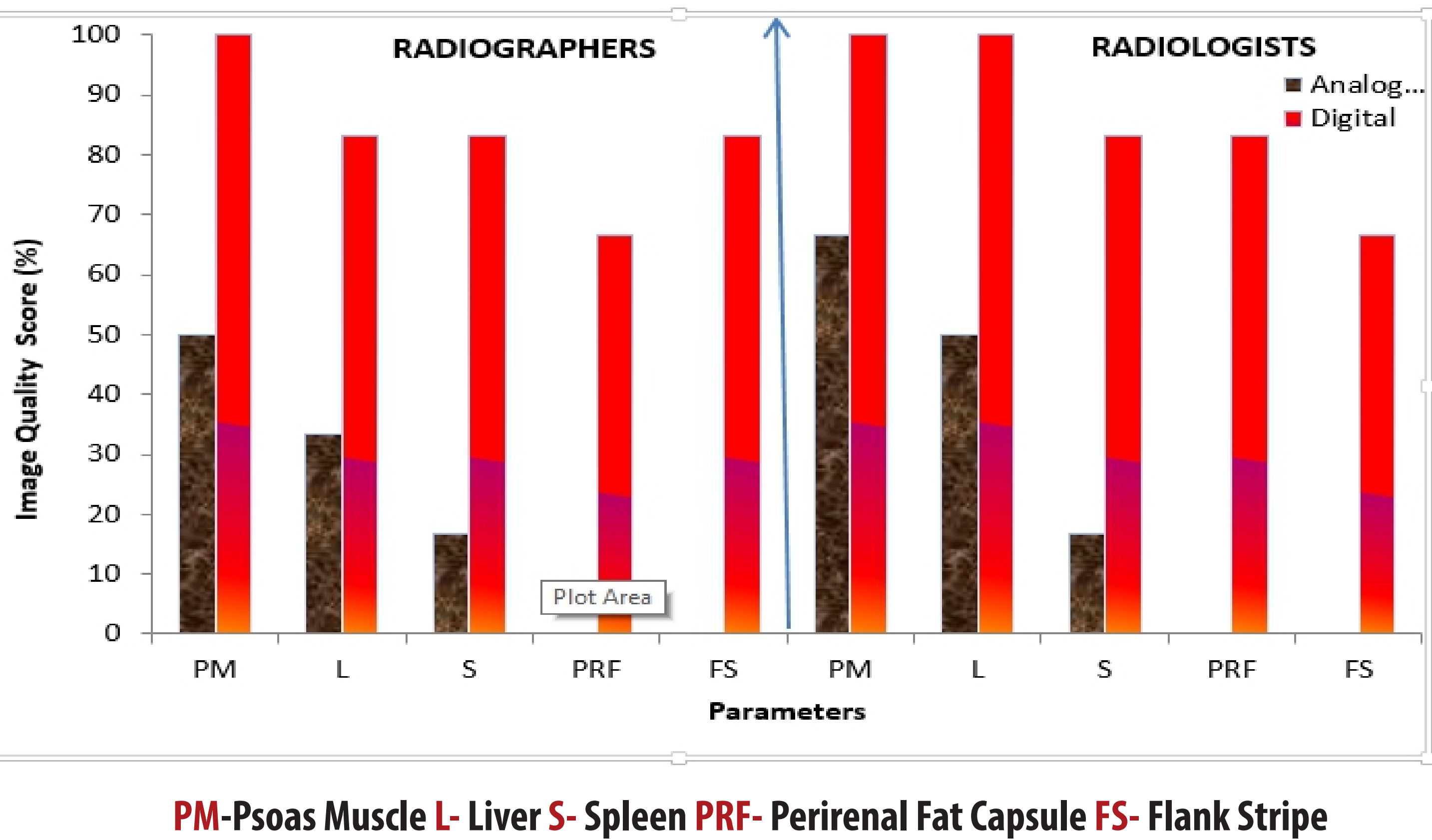
Department of Radiography and Radiological science, University of Calabar, Nigeria
E-mail: victor.c.nwaiwu70@gmail.com



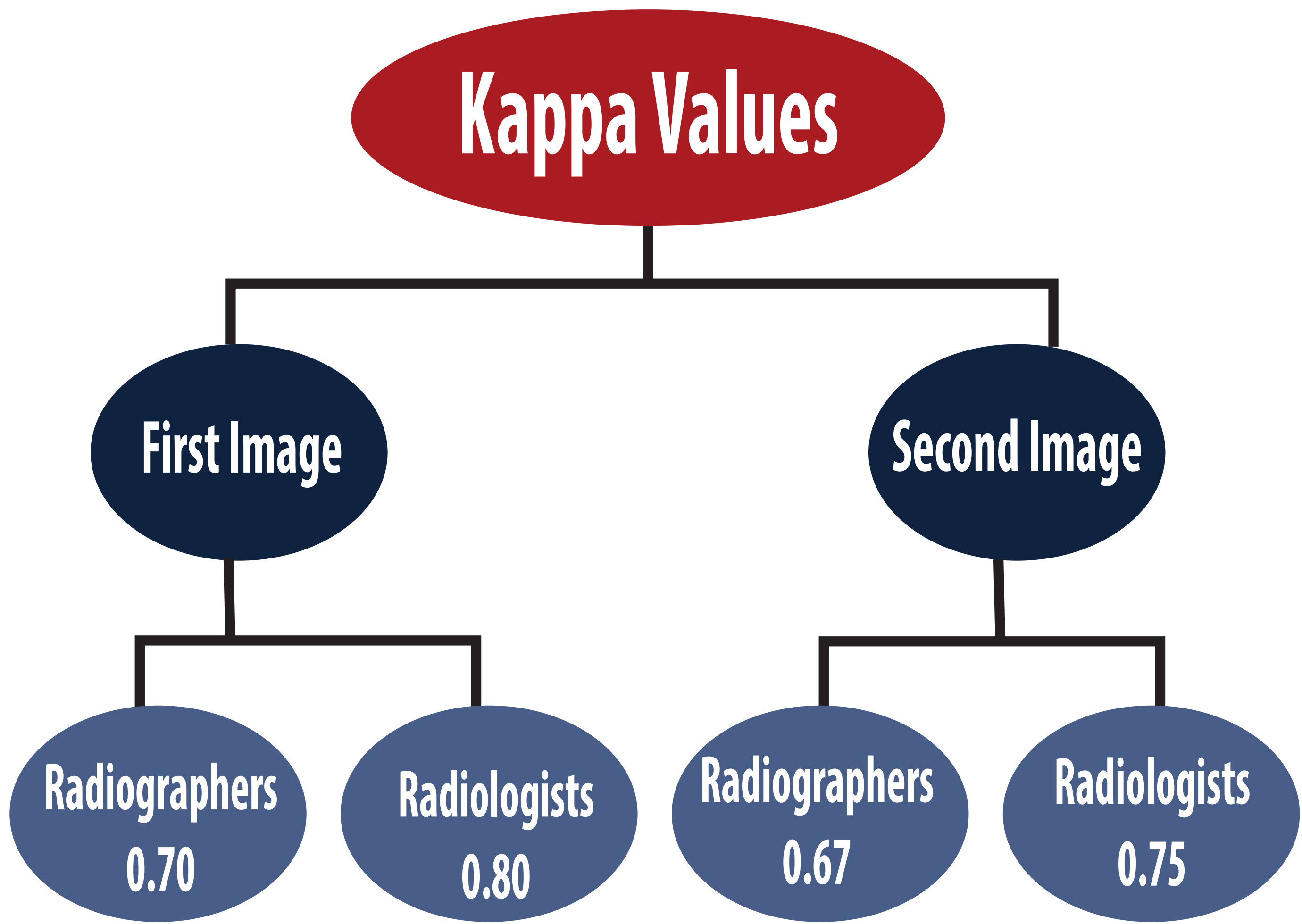
Introduction

In recent years, we have witnessed dynamic development of diagnostic methods of imaging. The carrier of the diagnostic information is the image, obtained as a result of an x-ray beam, transmitted through the patient's body. Poor perception as a result of the choice of viewing method adopted (either analogue or digital system of viewing) to view this image has led to a series of misdiagnosis of disease conditions and pathologies, resulting in the wrong follow up medication and possibly subsequent death of the subject concerned. This study seeks to compare the subjective perception of images under analogue and digital viewing conditions to evaluate observer performance in image quality assessment due to mode of viewing. Results obtained could create awareness and enable the society gain more knowledge as per which system of viewing is best for diagnosis of health challenges.

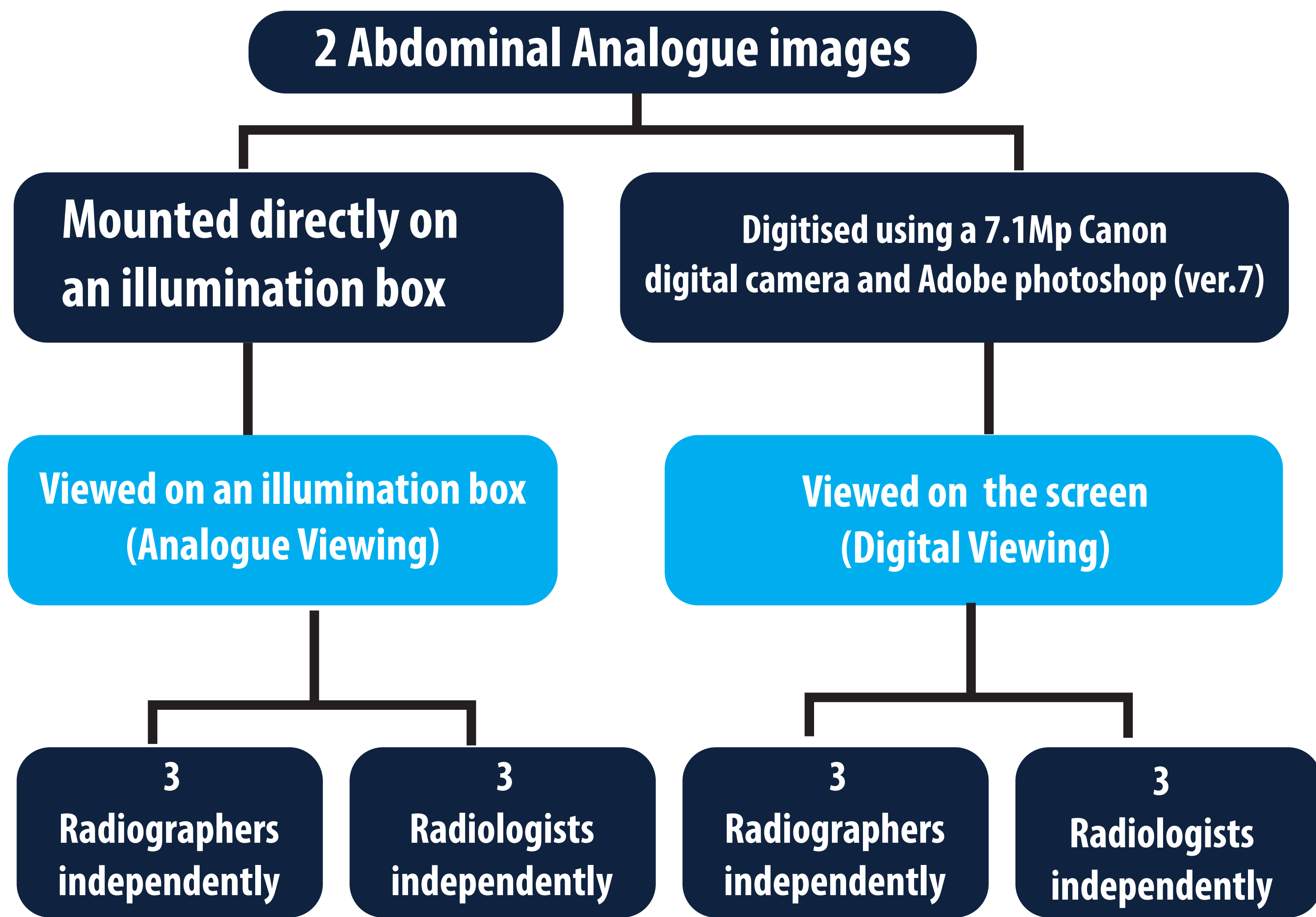
Results



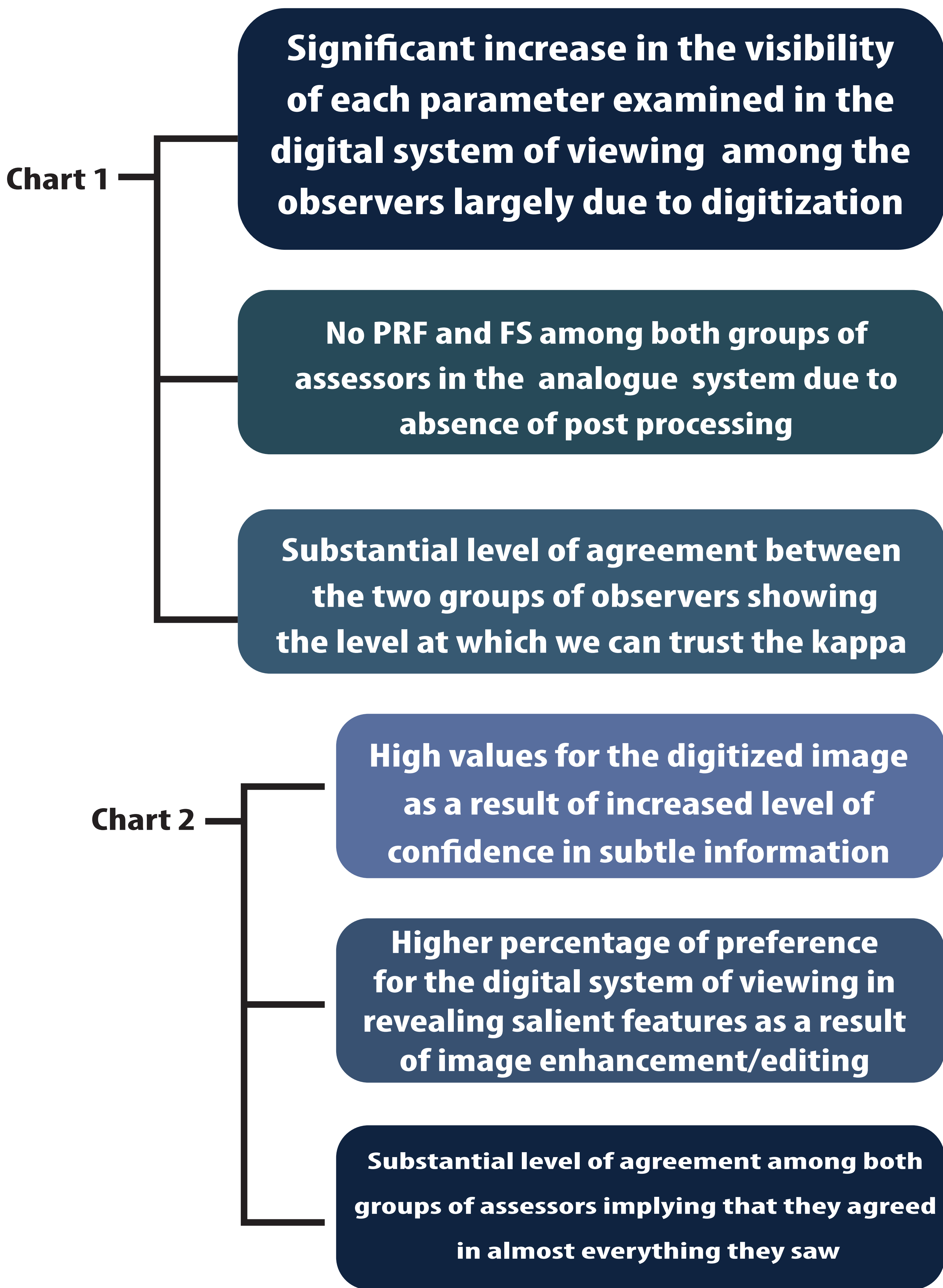
Kappa Values



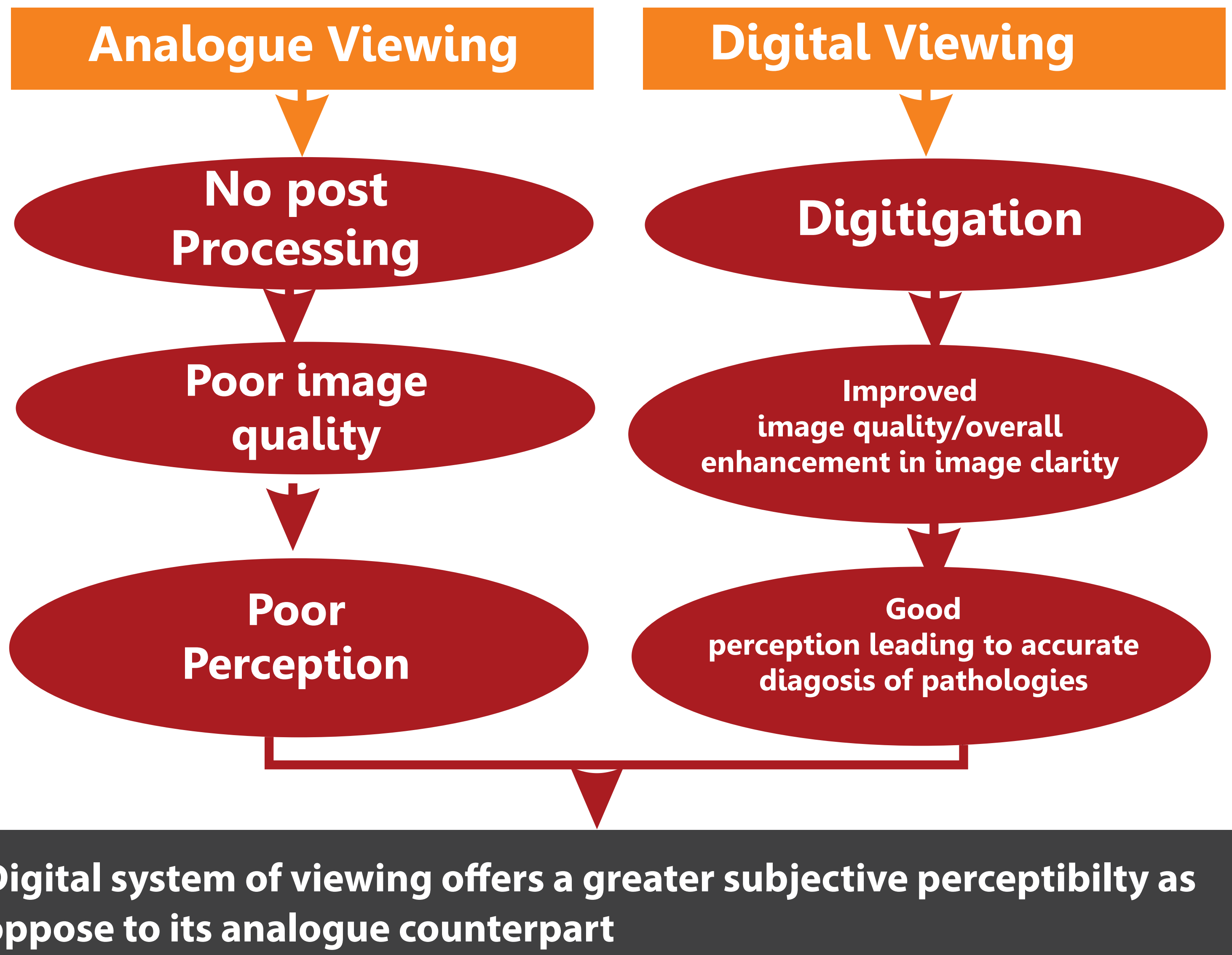
Materials/Methods



Discussion



Conclusion



References.
1.Multima, B et al (2013). A subjective assessment of perceived clarity of Analogue and Digital images. Amsterdam, Netherlands: Simon and Schuster. Pp. 56-78.
2.Kumaszynska, C et al (2014). Perception of analogue and digital images and comparison of image quality in both systems. *Journal of clinical and diagnostic research*. 7(8): 1793-1796.
3.Kubka (2012). Image processing and perception. *Dentomaxillofac Radiol*. 35(4): 258-266.

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