Reviewer's report

Title: Decision Theory Applied to Image Quality Control in Radiology.

Version: 1 Date: 3 August 2008

Reviewer: Kayvan Najarian

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Minor Essential Revisions
1. Correction of typos and incorrect word choice, particularly in Discussion section. The typos are not too severe, but the word choice issue impedes understanding in some sentences.
2. Method detail is good, but the section is long; needs a brief overview of method used (or a flowchart - see discretionary revision 1)

Discretionary Revisions
1. Figure 1 is not useful - too general. Perhaps it could be replaced with a flowchart detailing the specific method used in the paper.
2. Justification for research is good but could be more clearly and strongly stated

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests