

Known errors in conference proceedings http://spie.org/x648.html?product_id=819280:

1. Abstract, second-to-last sentence should read as follows: “We typify joint distributions for class prevalences over standard ~~simplices~~ ~~simplexes~~ by means of ~~uniform and~~ a beta ~~distributions~~ ~~distribution~~, and create a family of classification systems using actual data, testing independence assumptions ~~under two such class prevalence distributions~~.” (Please note that in the full-text [thesis](#) which this conference proceeding is simply an abridgment of, the above sentence appears in the abstract in its original form.)
2. Section 2 (Introduction), Sentence 6, should begin: “The collection of all ROCs of a ~~family of~~ classification ~~system~~ ~~systems~~, ...” (Clarifies every time methods of classification change, a new classification system exists, and ROC information for each member of a collection of systems formed by varying such methods may be used in comparing them one to another.)
3. Definition 2 (Threshold Set), Sentence 1 after italicized text, should read: “A threshold set... of interest might also be ~~the~~ ~~a~~ ~~multi-dimensional~~ ~~product~~ ~~set~~; ~~for example, the~~ Cartesian product...” (Clarifies a threshold set may be the product set of more than two other threshold sets.)
4. Definition 2 (Threshold Set), Sentence 2 after italicized text should read: “...in practice, we only consider a finite number of threshold ~~parameters~~ ~~parameter~~ ~~choices~~...” (Clarifies we are sampling from a certain well-defined threshold set, not randomly selecting the parameters included in the threshold set.)
5. Definition 2 (Threshold Set), final sentence should read “Some types of ...classifiers have a continuous parameter called the spread, such that each setting of this parameter effectively defines a new classifier, given a particular choice of methods for training and testing, ~~and thus a new classification system~~. (Clarifies it is not important whether only one or even all three functions composed to form a classification system are affected by choices of threshold set parameter values.)
6. Definition 3 (Family of Classification Systems Over a Threshold Set) should read: “...determines the action of a ~~classifier~~ ~~e_theta~~ ~~classification~~ ~~system~~ ~~A_theta~~, a family of classification systems of the form ~~A_theta = e_theta * p * s~~ ~~A_theta : E -> L~~ over the threshold set...” (Clarifies it is not important whether only one or even all three functions composed to form a classification system are affected by choices of threshold set parameter values.)
7. To be completed...