OpenEpi, Version of December 2003

Test Results for Diagnostic or Screening Test Evaluation

Dataset #	Data	Compared with	Result
Diag 1	Level 1 (normal): 3 true ill,33 true normal Level 2: 2,6 Level 3:, 2,6 Level 4: 11,11 Level 5: 33, 2	Rosner, (2000) Fundamentals of Biostatistics, p. 63, ff.	Sensitivity, Specificity, ROC curve and area under ROC curve agree
Diag 2	Test/Condition Count Pos/pos, 220 Neg/ neg, 400 Neg/ pos 5 Pos/neg 2 -	http://faculty.vassar.edu/lowry/clin1.html VassarStats Clinical Calculator 1	Agreement for Sens, Spec, Pos Pred Value, Neg Pred. Value, Likelihood ratios. Confidence limits by a different method are being revised in OpenEpi module.

Testing by Andy Dean, using materials listed.
Conclusion: Kappa, entropy, bias index, diagnostic odds not yet tested.
Module will be ready for use, although users are advised to confirm important results with at least one other software module. Retest confidence limits when available.