Supplementary Table 1.

Agreement (K = kappa) between experts and trainees for categorical variables

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trainee (95%CI) | | | | | | | | |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | **Overall Group** |
| LV function  Quadratic weights (Ƙ) | 0.89 (0.74-0.97) | 0.84 (0.55-0.96) | 0.85 (0.70-0.92) | 0.86 (0.71-0.96) | 0.89 0.77-0.96) | 0.64 0(0.00-1.00) | 0.74 (0.25-.0.91) | **0.86 (0.79-0.90)** |
| LV Function Binary (Ƙ)  Sensitivity  Specificity | 0.8 (0.58-1.0)  97.4% (94.5- 99.0)  90.9% (75.7 -98.1) | 0.64 (0.19-1.0)  50.0% (6.8-93.2)  100.0% (88.8-100.0) | 0.87 (0.63-1.0)  80.0% (28.4-99.5)  100.0% (88.1-100.0) | 0.62 (0.23-1.0)  87.5% (47.3- 99.7)  97.2% (85.5-99.9) | 0.85 (0.64-1.0)  66.7% (9.4-99.2) 97.3% (85.8-99.9) | nil Abnormal for experts | 0.79 (0.38-1.0)  100.0% (15.8-100.0)  97.0% (84.2- 99.9) | **0.77 (0.65-0.90)**  **81.3% (63.6-92.8)**  **97.0% (93.9-98.8)** |
| RV:LV ratio (Ƙ)  Sensitivity  Specificity | 0.49 (.13-0.85)  100.0% (29.2-100.0)  86.8% (71.9-95.6) | 0.65 (0.03-1.0)  100.0% (2.5-100.0)  97.1% (85.1-99.9) | 1.0 (1.0-1.0)  100.0% (15.8-100.0)  100.0% (89.1-100.0) | 1.0 (1.0-1.0)  100.0% (29.2-100.0)  100.0% (88.8-100.0) | 0.79 (0.59-.93)  66.7% (9.4-99.2)  100.0% (96.4-100.0) | 1.0 (1.0-1.0)  100.0% (2.5-100.0)  100.0% (91.0-100.0) | nil Abnormal for experts | **0.76 (0.59-0.93)**  **92.3% (64.0-99.8)**  **97.6% (94.8-99.1)** |
| Pericardial effusion (Ƙ)  Sensitivity  Specificity | 0.64 (0.18-1.0)  66.7% (9.4-99.2)  97.3% (85.8-99.9) | 0.53 (0.06-1.0)  50.0% (6.8-93.2)  96.9% (83.8-99.9) | nil Abnormal for experts | nil Abnormal for experts | -0.04 (-0.12-0.04)  100.0% (39.8-1.0)  97.4% (86.2-99.9) | 0.66 (0.03-1.0)  100.0% (2.5-100)  97.4% (86.2-99.9) | -0.05 (-0.14-0.05)  100.0% (40.0-100.0)  96.8% (83.3- 99.9) | **0.32 (0.09-0.56)**  **29.4% (10.3-56.0)**  **97.5% (94.7-99.1)** |