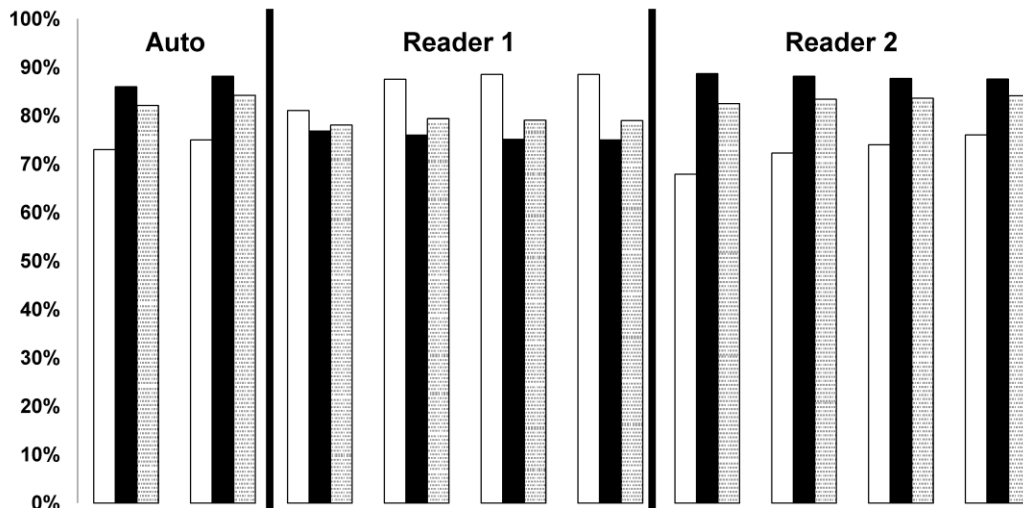
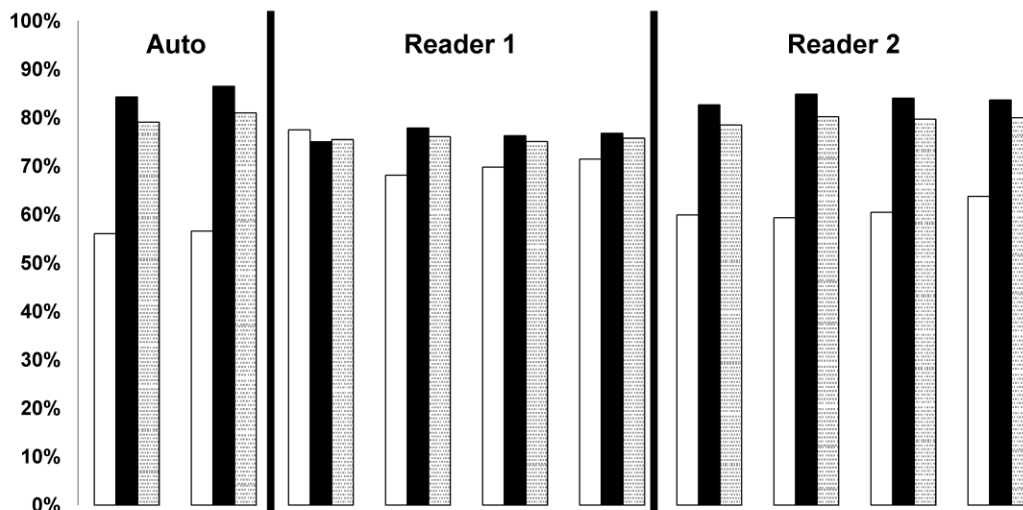


A



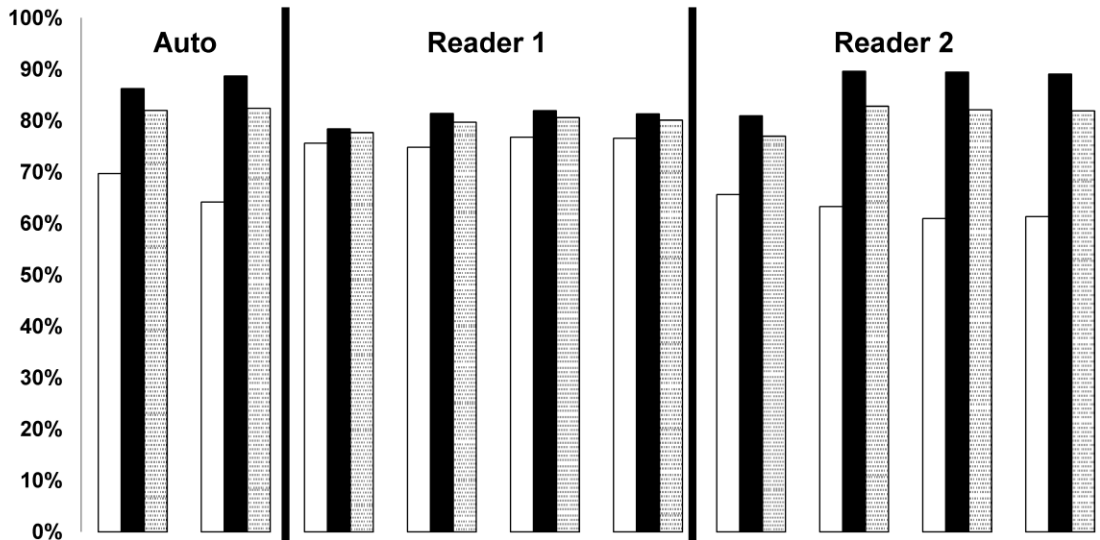
	NC	AC	V1	V2	V3	V4	V1	V2	V3	V4
<input type="checkbox"/> Sensitivity	73%	75%	81%	88%	89%	89%	68%	72%	74%	76%
<input checked="" type="checkbox"/> Specificity	86%	88%	77%	76%	75%	75%	89%	88%	88%	88%
<input checked="" type="checkbox"/> Accuracy	82%	84%	78%	79%	79%	79%	83%	83%	84%	84%

B



	NC	AC	V1	V2	V3	V4	V1	V2	V3	V4
<input type="checkbox"/> Sensitivity	56%	57%	77%	68%	70%	71%	60%	59%	60%	64%
<input checked="" type="checkbox"/> Specificity	84%	86%	75%	78%	76%	77%	83%	85%	84%	84%
<input checked="" type="checkbox"/> Accuracy	79%	81%	75%	76%	75%	76%	78%	80%	80%	80%

C



	NC	AC	V1	V2	V3	V4	V1	V2	V3	V4
<input type="checkbox"/> Sensitivity	70%	64%	76%	75%	77%	77%	66%	63%	61%	61%
<input checked="" type="checkbox"/> Specificity	86%	89%	78%	81%	82%	81%	81%	90%*	89%	89%
<input checked="" type="checkbox"/> Accuracy	82%	82%	78%	80%	81%	80%	77%	83%*	82%	82%

*Different from prior step $P < 0.05$

Green = visual better than auto $P < 0.05$ Red = auto better than visual $P < 0.05$

V1 = NC only

V2 = NC + AC

V3 = NC + AC + computer

V4 = NC + AC + computer + clinical

Supplemental Figure 1: Sensitivity, specificity and accuracy of automatic analysis versus visual analysis for detection of $\geq 70\%$ coronary artery lesions on per-vessel basis in (A) left anterior descending artery (LAD), (B) left circumflex artery (LCX), (C) right coronary artery (RCA) (Number of patients with $\geq 70\%$ LAD, LCX and RCA stenotic lesions on cardiac catheterization = 296, 182, and 254, respectively). * Indicates statistically significant difference compared to a prior step ($P < 0.05$). The automated analysis was also compared to visual (NC vs. V1 and AC vs. V2-V4). Green signifies that visual analysis was better than automated analysis, while red signifies that automated analysis was better than visual analysis ($P < 0.05$).