

Table S2. Diagnostic performance for individual detection of referable DR of RetCAD v.1.3.0 and observers compared with reference standard in Messidor (1200 images).

		DR stage	RetCAD		Obs. 5		Obs. 6	
			NR	R	NR	R	NR	R
RS	NR	0	543	4	542	5	545	2
		1	102	51	142	11	149	4
	R	2	40	207	92	155	121	126
		3	1	252	100	243	34	219
	SE (%)		92.0		79.6		69.0	
	(95% CI)		(89.1-95.9)		(74.8-84.8)		(62.9-74.7)	
	SP (%)		92.1		97.7		99.1	
	(95% CI)		(88.7-95.2)		(96.0-99.2)		(97.9-100.0)	

Abbreviations: RS, Reference Standard; DR, Diabetic retinopathy; R, Referable; NR, Non-referable; Obs., Observer; SE, Sensitivity; SP, Specificity; CI, Confidence interval.