

Appendix 2

Citations – Papers numbers

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Table 1 - Metrics

Metric	Count	Papers
Sensitivity	19	{1, 2, 3, 5, 6, 7, 8, 11, 12, 15, 17, 18, 20, 22, 23, 25, 26, 29, 32}
Specificity	19	{1, 2, 3, 5, 6, 7, 8, 11, 12, 15, 17, 18, 20, 22, 23, 25, 26, 29, 32}
Accuracy	17	{3, 4, 5, 6, 7, 8, 9, 15, 16, 18, 20, 22, 23, 24, 26, 29, 32}
AUC	15	{1, 2, 3, 5, 7, 8, 9, 11, 16, 19, 20, 23, 24, 25, 29}
Dice Similarity Coefficient	7	{16, 17, 19, 21, 28, 30, 31}
PPV	6	{11, 13, 18, 21, 29, 30}
F1	4	{5, 15, 19, 20}
NPV	2	{11, 29}
Precision	2	{5, 15}
TPVVF	2	{13, 30}
Other (1 Per Paper)	8	{15, 28, 27, 21, 17, 16, 14, 10}
Kappa SE and Kappa Mean	1	15
Absolute Volume Difference	1	28
Manual	1	27
Positive Volume Fraction	1	21
Jaccard	1	17
Correlation	1	16
PDR	1	14
Paper 10	1	10

Table 2 - Datasets

Status	Source	Type of Data	Size	# Studies Used in
Public	STARE	Color Fundus Images	100	1 {4}
	RIADD 2021	Color Fundus Images	638	2 {5, 23}
	Retinal Image Bank	Color Fundus Images	368	2 {5, 23}
	Kaggle	Color Fundus Images	92	2 {5, 23}
	DrishtiGS	Color Fundus Images	114	2 {5, 23}
	Jan Odstrcilik <i>et al</i>	Color Fundus Images	15	2 {5, 23}
	Cataract image dataset	Color Fundus Images	300	2 {5, 23}
	PALM	Color Fundus Images	1200	1 {19}
	RETOUCH	Optical Coherence Tomography Images	112	2 {28, 31}
	ARIA	Color Fundus Images	143 Patients	1 {32}
Status	Type of Data		# Studies Used in	
Private	Ultra Wide Field Images		7 {1, 6, 7, 12, 22, 24, 26}	
	Blood Samples		1 {9}	
	Ophthalmic Ultrasonography		5 {11, 14, 29, 30}	
	Optical Coherence Tomography Images		10 {2, 8, 10, 13, 15, 17, 20, 21, 25, 27}	
	Color Fundus Images		1 {16}	

Table 3 – Study Characteristics

Type	Count	Papers
Detection of retinal detachment	11	{1, 6, 7, 11, 14, 18, 20, 22, 24, 26, 27}
Classification of the ophthalmologic disease	19	{2, 3, 4, 5, 8, 9, 10, 12, 13, 16, 17, 19, 21, 23, 25, 28, 29, 31, 32}
Predict the onset of retinal detachment	2	{15, 30}