

Ref.	Features/Technique	Classifier(s)	Total number (polyps)
	Texture spectrum from RGB, HSV	Neurofuzzy	140(70)
	ART descriptor + Zernike moments	MLP	300(150)
	Chromaticity histogram + Zernike moments	MLP, SVM	300(150)
	Log-Gabor filter + SUSAN edge detector	×	50(10)
	Gabor filters + Watershed segmentation	×	128(64)
	Filter banks based texton histogram	K-NN, SVM	400(25)
	Protrusion measure via curvatures	×	1700(10)
	Log-Gabor filter + SUSAN edge detector	SVM	50(10)
	Opponent color moments + LBP + LLE	SVM	2 videos
	Color + edge + texture + HMM	weak k-NN	400 (200), 1120(560)
	SURF features + BoW + K-means	SVM	120(60)
	Color + Gabor filters + BoW + K-means	SVM	250 (50)
	Color + edge + texture + HMM	Boosted SVM	1200(600)
	Uniform LBP + wavelet transform	SVM	1200(600)
	Local polynomial approximation + geometry	SVM	3 videos (40)
	Geometry + color + HoG	MLP	30540(540)
	Geometry + color + Monogenic LBP	SVM	400(200)
	SIFT + Saliency + BoF	SVM	872(436)
	Gabor filter + Monogenic LBP + LDA	SVM	872(436)
	Texture + midpass filtering + ellipse fitting	Binary	18968(230)
	Texton histogram + LBP	K-NN	400(25)
	Geometry + LBP + HOG	Regression	27984 (12984)
	RGB + Variance + radius	SVM	359
	SIFT + BoF + K-means	SVM	800(400)
	SIFT + complete LBP + BoF	SVM	2500(500)