Detection Results

	TP	FP	FN	Precision	Recall	# Predictions Ignored	# Tomatoes with Multiple predictions	Pixel-Distance from prediction to nearest labeled tomato	Pixel-Distance from predicted tomato to correct predictions
Hough	100	3	75	0.971	0.571	15	7	14.110	8.070
Watershed	137	16	25	0.895	0.846	44	21	16.340	11.500
Modified Hough	100	18	75	0.848	0.571				
Modified Watershed	137	60	25	0.695	0.846				

TP: Where a predicted tomato uniquely matches a labeled tomato

FP: Predicted a tomato, but no labeled tomato exists

FN: Did not predict a tomato, but a labeled tomato exists

Hough / Watershed: Remove all predictions where "multiple" tomatos were predicted for a single labeled tomato.

This can occur when a tomato is occluded by (e.g. a stem), and there are two halfs of a tomato.

Modified Hough / Watershed: Place all "multiple" predictions onto the "False Positive" category