Supplementary Table i: Studies of observer variability using a cut off of >50% stenosis.

Study	N	Scanner	Age (years)	Male (%)	Population risk	Identified CAD	Inter-observer (% agreement, Kappa)			Intra-observer (% agreement, Kappa)		
							Per patient	Per vessel	Per segment	Per patient	Per vessel	Per segment
Nicol	133	64	61 ± 13	30	39% low to intermediate, 39% intermediate to high, 22% very low risk	41% normal, 26% minor, 32% moderate, 15% severe	81%	94%	97%	87%	94%	96%
Pelliccia	118	320	61 ± 10	75	*	44% normal, 20% one, 25% two, 9% three vessel disease	96%, 0.91	0.91	0.89	*	*	*
Overhus	209	64 or DSCT	61 ± 6.9	56	13.4% low, 87.2% intermediate or high	35% of patients had any disease	82%, 0.65	*	*	*	*	*
Stolzman	100	DSCT	56 ± 13	61	*	55% of segments had >50% stenosis	0.77	*	*	*	*	*
Meijboom	360	64	60 ± 6	68	Intermediate to high	68% had obstructive CAD	0.66	*	*	0.69	*	*

(CAD, coronary artery disease; *, not given)