

SUPPLEMENTARY DATA

Table 1 of the supplementary data

Subgroup analysis for the correlation between anatomical parameters and resting and hyperemic invasive physiologic indices

Subgroups	Correlation coefficient between IVUS MLA and invasive physiologic indices				P for difference between resting vs hyperemic index
	iFR	RFR	dPR	FFR	
Lesion length < 20 mm	0.144 (P = .084)	0.135 (P = .108)	0.121 (P = .149)	0.329 (P < .001)	< .001
Lesion length ≥ 20 mm	0.264 (P = .038)	0.248 (P = .055)	0.257 (P = .043)	0.408 (P < .001)	.042
Reference vessel diameter < 3.0 mm	0.125 (P = .158)	0.121 (P = .175)	0.111 (P = .214)	0.236 (P < .001)	.038
Reference vessel diameter ≥ 3.0 mm	0.258 (P < .001)	0.245 (P = .006)	0.256 (P = .004)	0.450 (P < .001)	< .001
Non-LAD	0.180 (P = .117)	0.183 (P = .111)	0.173 (P = .133)	0.247 (P = .031)	.362
LAD	0.309 (P < .001)	0.299 (P < .001)	0.302 (P < .001)	0.526 (P < .001)	< .001
Stable IHD	0.252 (P < .001)	0.241 (P < .002)	0.243 (P < .001)	0.426 (P < .001)	< .001
ACS	0.275 (P = .012)	0.274 (P = .013)	0.270 (P = .015)	0.378 (P < .001)	.115

Subgroups	Correlation coefficient between OCT MLA and invasive physiologic indices				P for difference between resting vs hyperemic index
	iFR	RFR	dPR	FFR	
Lesion length < 20 mm	0.420 (P = .082)	0.362 (P = .139)	0.416 (P = .086)	0.369 (P = .132)	.776
Lesion length ≥ 20 mm	0.267 (P = .115)	0.286 (P = .091)	0.276 (P = .103)	0.539 (P < .001)	.005
Reference vessel diameter < 3.0 mm	0.242 (P = .235)	0.264 (P = .192)	0.245 (P = .227)	0.486 (P = .012)	.123
Reference vessel diameter ≥ 3.0 mm	0.376 (P = .048)	0.359 (P = .061)	0.378 (P = 0.047)	0.516 (P = .005)	.093
Non-LAD	0.235 (P = .281)	0.286 (P = .185)	0.240 (P = .271)	0.524 (P = .010)	.099
LAD	0.456 (P < .001)	0.431 (P < .001)	0.450 (P < .001)	0.530 (P < .001)	.306
Stable IHD	0.304 (P = .012)	0.341 (P = .009)	0.304 (P = .012)	0.392 (P = .001)	.314
ACS	0.477 (P = .018)	0.432 (P = .035)	0.456 (P = .025)	0.513 (P = .010)	.339

ACS, acute coronary syndrome; dPR, diastolic pressure-ratio; FFR, fractional flow reserve; iFR, instantaneous wave-free ratio; IHD, ischemic heart disease; IVUS, intravascular ultrasound; LAD, left anterior descending artery; MLA, minimum lumen area; OCT, optical coherence tomography; RFR, resting full-cycle ratio.