<u>S4 Fig. Forest plots for subgroup analysis by CT-values per test.</u>

Caption: CI = confidence interval

Fig A – Forest plots for Ct-value lower 20

Test assessed	N datasets	Total Sample Size	Pooled Sensitivity (95% CI)					
Panbio	14	616	97.2% (95.3–99.2)	j l	1		-	J
			,	1				٦
Standard Q	15	833	98.1% (96.3–99.9)	-	-		<u> </u>	-
				0		0.5 ensitiv	0.75 rity	1
Fig B – Forest p	olots for Ct-v	alue greater 20						
Test assessed	N datasets	Total Sample Size	Pooled Sensitivity (95% CI)					

•		Total Sample Size	Pooled Sensitivity (95% CI)					
Panbio	7	636	89.2% (82.1–96.3)	1	1	1	-	1
Standard Q	10	411	89% (81-96.9)				1-0-	4
				0		0.5 ensitiv	••	1

Fig C – Forest plots for Ct-value lower 25

Test assessed	N datasets	Total Sample Size	Pooled Sensitivity (95% CI)							
Coris	4	233	76% (58-94)	1	1		-	-	_	
Innova	4	214	75.5% (48–100)	1	1	-	-	-		1
Panbio	27	5769	89.8% (85.4-94.3)	1	1		1	-		
Standard F	7	305	95.5% (91.3-99.8)	1 1 1]]]		I I I		-	H
Standard Q	21	2309	92.6% (88.5-96.7)						 	
				0 0.25 0.5 0.75 Sensitivity					5	1

Fig D – Forest plots for Ct-value greater 25

		Total Sample Size	Pooled Sensitivity (95% CI)	
Panbio	13	969	51.2% (39.4-63)	
Standard Q	11	413	56.4% (45.1-67.8)	1-
				0 0.25 0.5 0.75 1 Sensitivity

Fig E – Forest plots for Ct-value lower 30

Test assessed N datasets Total Sample Size Pooled Sensitivity (95% CI) BinaxNow 6 332 83% (69.5-96.5) 358 LumiraDx 6 92.6% (86.8-98.5) Panbio 31 5993 73.7% (66-81.3) Standard F 8 475 77.1% (65.8-88.3) Standard Q 25 5477 75.7% (67.9-83.4) 0.25 0.5 0.75 Sensitivity

Fig F – Forest plots for Ct-value greater 30 Test assessed N datasets Total Sample Size Pooled Sensitivity (95% CI) LumiraDx 4 83 36% (26.1-45.9) Panbio 444 22.8% (12.2-33.4) 13 Standard Q 15 499 20.4% (10.5-30.3) 0.25 0.5 0.75 Sensitivity