

**Supplementary Table 1 Result of meta-regression**

<b>Parameter</b>	<b>nstudies</b>	<b>Sensitivity</b>	<b>PI</b>	<b>Specificity</b>	<b>P2</b>
<b>Prodesign</b>	8	0.75 [0.46 - 0.91]	0.93	0.84 [0.77 - 0.89]	0.79
<b>Region</b>	8	0.91 [0.81 - 0.96]	0.02	0.84 [0.77 - 0.90]	0.76
<b>Sample size</b>	8	0.82 [0.56 - 0.94]	0.61	0.86 [0.81 - 0.90]	0.15
<b>Cutoff</b>	8	0.62 [0.34 - 0.84]	0.31	0.85 [0.78 - 0.90]	0.56
<b>Subtype</b>	8	0.81 [0.61 - 0.92]	0.58	0.85 [0.81 - 0.88]	0.46
<b>Publish year</b>	8	0.61 [0.34 - 0.83]	0.28	0.87 [0.81 - 0.92]	0.28
<b>Criteria</b>	8	0.61 [0.35 - 0.82]	0.24	0.80 [0.75 - 0.85]	0.18
<b>HIV status</b>	8	0.67 [0.50 - 0.80]	0.30	0.83 [0.79 - 0.86]	0.97