Table S8. Discriminative ability in terms of positive and negative likelihood ratios, positive and negative predictive values for shortest endocervical length (distance A-B) measured at 18+0 to 20+6 gestational weeks (Cx1, n=11072) with regard to predicting spontaneous preterm birth including late spontaneous miscarriage

		Cervical length												Best cut-off*				
		0-15 mm (n=15; 0.14%)				0-20 mm (n=67; 0.6%)				0-25 mm (n=441; 4.0%)								
sPTB	No. sPTB (%)	LR+ [95% CI]	LR; [95% CI]	PPV [95% CI]	NPV [95% CI]	LR+ [95% CI]	LR; [95% CI]	PPV [95% CI]	NPV [95% CI]	LR+ [95% CI]	LR; [95% CI]	PPV [95% CI]	NPV [95% CI]	LR+ [95% CI]	LR; [95% CI]	PPV [95% CI]	NPV [95% CI]	mm
<28 GW	22 (0.20%)	125.57 [38.05; 414.42]	0.86 [0.73; 1.02]	3/15 (20.0%) [4.3; 48.1]	11038/11057 (99.8%) [99.7; 99.9]	31.89 [12.71; 80.02]	0.82 [0.68; 1.00]	4/67 (6.0%) [1.7; 14.6]	10987/11005 (99.8%) [99.7; 99.9]	10.46 [6.28; 17.44]	0.61 [0.43; 0.87]	9/441 (2.0%) [0.9; 3.8]	10618/10631 (99.9%) [99.8; 99.9]	2.69 [2.20; 3.28]	0.26 [0.11; 0.63]	18/3383 (0.5%) [0.3; 0.8]	7685/7689 (99.9%) [99.9; 100.0]	32 (n=3383; 30.6%)
<29 GW	24 (0.22%)	115.08 [34.66; 382.13]	0.88 [0.75; 1.02]	3/15 (20.0%) [4.3; 48.1]	11036/11057 (99.8%) [99.7; 99.9]	37.12 [16.38; 84.16]	0.80 [0.65; 0.98]	5/67 (7.5%) [2.5; 16.6]	10986/11005 (99.8%) [99.7; 99.9]	10.68 [6.59; 17.30]	0.61 [0.43; 0.85]	10/441 (2.3%) [1.1; 4.1]	10617/10631 (99.9%) [99.8; 99.9]	2.74 [2.28; 3.28]	0.24 [0.10; 0.59]	20/3383 (0.6%) [0.4; 0.9]	7685/7689 (99.9%) [99.9; 100.0]	32 (n=3383; 30.6%)
<30 GW	34 (0.31%)	81.16 [23.97; 274.79]	0.91 [0.82; 1.01]	3/15 (20.0%) [4.3; 48.1]	11026/11057 (99.7%) [99.6; 99.8]	26.18 [11.23; 61.05]	0.86 [0.75; 0.99]	5/67 (7.5%) [2.5; 16.6]	10976/11005 (99.7%) [99.6; 99.8]	9.08 [5.71; 14.45]	0.67 [0.53; 0.86]	12/441 (2.7%) [1.4; 4.7]	10609/10631 (99.8%) [99.7; 99.9]	2.42 [1.97; 2.96]	0.38 [0.22; 0.67]	25/3383 (0.7%) [0.5; 1.1]	7680/7689 (99.9%) [99.8; 100.0]	32 (n=3383; 30.6%)
<31 GW	40 (0.36%)	68.95 [20.22; 235.07]	0.93 [0.85; 1.01]	3/15 (20.0%) [4.3; 48.1]	11020/11057 (99.7%) [99.5; 99.8]	27.13 [12.45; 59.12]	0.85 [0.75; 0.97]	6/67 (9.0%) [3.4; 18.5]	10971/11005 (99.7%) [99.6; 99.8]	8.38 [5.31; 13.22]	0.70 [0.57; 0.87]	13/441 (2.9%) [1.6; 5.0]	10604/10631 (99.7%) [99.6; 99.8]	2.38 [1.97; 2.89]	0.40 [0.24; 0.65]	29/3383 (0.9%) [0.6; 1.2]	7678/7689 (99.9%) [99.7; 99.9]	32 (n=3383; 30.6%)
<32 GW	46 (0.42%)	59.92 [17.49; 205.34]	0.94 [0.87; 1.01]	3/15 (20.0%) [4.3; 48.1]	11014/11057 (99.6%) [99.5; 99.7]	23.58 [10.73; 51.79]	0.87 [0.78; 0.98]	6/67 (9.0%) [3.4; 18.5]	10965/11005 (99.6%) [99.5; 99.7]	7.86 [5.03; 12.28]	0.72 [0.60; 0.88]	14/441 (3.2%) [1.8; 5.3]	10599/10631 (99.7%) [99.6; 99.8]	3.41 [2.55; 4.57]	0.59 [0.44; 0.78]	23/1638 (1.4%) [0.9; 2.1]	9411/9434 (99.8%) [99.6; 99.9]	29 (n=1638; 14.8%)
<33 GW	63 (0.57%)	43.69 [12.63; 151.07]	0.95 [0.90; 1.01]	3/15 (20.0%) [4.3; 48.1]	10997/11057 (99.5%) [99.3; 99.6]	20.39 [9.70; 42.84]	0.89 [0.82; 0.98]	7/67 (10.4%) [4.3; 20.4]	10949/11005 (99.5%) [99.3; 99.6]	7.01 [4.62; 10.63]	0.76 [0.65; 0.88]	17/441 (3.9%) [2.3; 6.1]	10585/10631 (99.6%) [99.4; 99.7]	2.93 [2.19; 3.91]	0.67 [0.54; 0.83]	27/1638 (1.6%) [1.1; 2.4]	9398/9434 (99.6%) [99.5; 99.7]	29 (n=1638; 14.8%)
<33 GW†	56 (0.51%†)	16.38 [2.17; 123.86]	0.98 [0.95; 1.02]	1/13 (7.7%) [0.2; 36.0]	10996/11051 (99.5%) [99.4; 99.6]	16.38 [6.84; 39.25]	0.92 [0.84; 0.99]	5/65 (7.7%) [2.5; 17.1]	10948/10999 (99.5%) [99.4; 99.7]	6.03 [3.71; 9.79]	0.80 [0.69; 0.92]	13/437 (3.0%) [1.6; 5.0]	10584/10627 (99.6%) [99.5; 99.7]	1.61 [1.34; 1.93]	0.56 [0.38; 0.81]	38/4682 (0.8%) [0.6; 1.1]	6364/6382 (99.7%) [99.6; 99.8]	34 (n=4682; 42.3%)
<34 GW	94 (0.85%)	29.20 [8.38; 101.78]	0.97 [0.93; 1.01]	3/15 (20.0%) [4.3; 48.1]	10966/11057 (99.2%) [99.0; 99.3]	13.63 [6.40; 29.02]	0.93 [0.88; 0.99]	7/67 (10.4%) [4.3; 20.4]	10918/11005 (99.2%) [99.0; 99.4]	5.55 [3.72; 8.28]	0.82 [0.74; 0.91]	20/441 (4.5%) [2.8; 6.9]	10557/10631 (99.3%) [99.1; 99.5]	2.55 [1.95; 3.33]	0.73 [0.63; 0.86]	35/1638 (2.1%) [1.5; 3.0]	9375/9434 (99.4%) [99.2; 99.5]	29 (n=1638; 14.8%)
<35 GW	143 (1.29%)	27.79 [8.96; 86.24]	0.97 [0.95; 1.00]	4/15 (26.7%) [7.8; 55.1]	10918/11057 (98.7%) [98.5; 98.9]	10.36 [5.05; 21.29]	0.95 [0.91; 0.99]	8/67 (11.9%) [5.3; 22.2]	10870/11005 (98.8%) [98.6; 99.0]	4.01 [2.70; 5.96]	0.88 [0.82; 0.94]	22/441 (5.0%) [3.2; 7.5]	10510/10631 (98.9%) [98.6; 99.1]	1.59 [1.34; 1.89]	0.74 [0.63; 0.87]	69/3383 (2.0%) [1.6; 2.6]	7615/7689 (99.0%) [98.8; 99.2]	32 (n=3383; 30.6%)
<36 GW	226 (2.04%)	17.45 [5.60; 54.39]	0.98 [0.97; 1.00]	4/15 (26.7%) [7.8; 55.1]	10835/11057 (98.0%) [97.7; 98.3]	7.45 [3.74; 14.84]	0.97 [0.94; 0.99]	9/67 (13.4%) [6.3; 24.0]	10788/11005 (98.0%) [97.8; 98.3]	3.50 [2.48; 4.95]	0.90 [0.86; 0.95]	30/441 (6.8%) [4.6; 9.6]	10435/10631 (98.2%) [97.9; 98.4]	1.45 [1.28; 1.65]	0.75 [0.65; 0.86]	118/4013 (2.9%) [2.4; 3.5]	6951/7059 (98.5%) [98.2; 98.7]	33 (n=4013; 36.2%)
<37 GW	417 (3.77%)	12.78 [4.39; 37.21]	0.99 [0.98; 1.00]	5/15 (33.3%) [11.8; 61.6]	10645/11057 (96.3%) [95.9; 96.6]	6.15 [3.38; 11.18]	0.99 [0.98; 1.00]	13/67 (19.4%) [10.8; 30.9]	10601/11005 (96.3%) [96.0; 96.7]	2.41 [1.75; 3.31]	0.94 [0.92; 0.97]	38/441 (8.6%) [6.2; 11.6]	10252/10631 (96.4%) [96.1; 96.8]	1.39 [1.26; 1.54]	0.78 [0.71; 0.86]	207/4013 (5.2%) [4.5; 5.9]	6849/7059 (97.0%) [96.6; 97.4]	33 (n=4013; 36.2%)

GW=gestational weeks. sPTB=spontaneous preterm birth including miscarriage. No=number of. AUC=area under receiver operating characteristic curve. CI=confidence interval. LR+=positive likelihood ratio. LR-=negative likelihood ratio.
PPV=positive predictive value. NPV=negative predictive value.
* best cut-off is the cut-off associated with the largest number of correctly classified cases and is calculated using Youden´s index [21]
† late miscarriage excluded, n=11064 as denominator