Table S3. Area under the Receiver Operating Characteristic curve for different cervical length measurements with regard to spontaneous preterm birth including late miscarriage at 18+0 to 21+6 weeks for the three study populations with cervical measurements at 18+0 to 20+6 weeks (Cx1), at 21+0 to 23+6 weeks (Cx2), and both at Cx1 and Cx2 (Cx1Cx2)

Cervical measurement*	Area under the Receiver Operating Characteristic curve (95% confidence interval)									
	sPTB <28 GW	sPTB <29 GW	sPTB <30 GW	sPTB <31 GW	sPTB <32 GW	sPTB <33 GW	sPTB <34 GW	sPTB <35 GW	sPTB <36 GW	sPTB <37 GW
Cx1 (n=11 072)	**n=22**	**n=24**	**n=34**	**n=40**	**n=46**	**n=63**	**n=94**	**n=143**	**n=226**	**n=417**
Min A-B (Cx1)	0.83	0.84	0.77	0.76	0.71	0.68	0.65	0.62	0.61	0.60
	(0.74; 0.92)	(0.76; 0.92)	(0.68; 0.87)	(0.67; 0.85)	(0.62; 0.80)	(0.60; 0.76)	(0.59; 0.71)	(0.57; 0.67)	(0.57; 0.65)	(0.57; 0.63)
Mean A-B (Cx1)	0.82	0.83	0.77	0.75	0.71	0.68	0.65	0.62	0.61	0.60
	(0.73; 0.90)	(0.75: 0.91)	(0.68; 0.86)	(0.67; 0.84)	(0.62; 0.80)	(0.61; 0.76)	(0.59; 0.71)	(0.57; 0.66)	(0.57; 0.65)	(0.57; 0.62)
Max A-B (Cx1)	0.80	0.81	0.75	0.74	0.69	0.67	0.65	0.61	0.60	0.59
	(0.71; 0.89)	(0.73; 0.89)	(0.66; 0.84)	(0.65; 0.82)	(0.61; 0.78)	(0.60; 0.75)	(0.59; 0.71)	(0.57; 0.66)	(0.57; 0.64)	(0.56; 0.62)
Min A-C (Cx1)	0.83	0.84	0.77	0.76	0.71	0.69	0.65	0.62	0.60	0.59
	(0.73; 0.92)	(0.75; 0.93)	(0.68; 0.86)	(0.68; 0.85)	(0.62; 0.81)	(0.61; 0.77)	(0.59; 0.72)	(0.57; 0.67)	(0.56; 0.64)	(0.56; 0.62)
Mean A-C (Cx1)	0.82	0.84	0.77	0.76	0.71	0.69	0.66	0.62	0.60	0.59
	(0.73; 0.92)	(0.75; 0.93)	(0.68; 0.86)	(0.68; 0.85)	(0.62; 0.80)	(0.61; 0.77)	(0.59; 0.72)	(0.57; 0.67)	(0.56; 0.64)	(0.56; 0.62)
Max A-C (Cx1)	0.82	0.83	0.76	0.76	0.71	0.69	0.66	0.62	0.60	0.59
	(0.72; 0.91)	(0.74; 0.92)	(0.67; 0.85)	(0.67; 0.84)	(0.61; 0.80)	(0.61; 0.77)	(0.59; 0.72)	(0.57; 0.67)	(0.56; 0.64)	(0.59; 0.62)
Min A-B+B-C (Cx1)	0.83	0.84	0.77	0.77	0.71	0.69	0.65	0.61	0.59	0.59
	(0.73; 0.93)	(0.75; 0.93)	(0.68; 0.87)	(0.68; 0.95)	(0.62; 0.81)	(0.61; 0.77)	(0.59; 0.72)	(0.56; 0.66)	(0.55; 0.63)	(0.56; 0.62)
Mean A-B+B-C (Cx1)	0.82	0.83	0.76	0.76	0.71	0.69	0.65	0.61	0.59	0.59
	(0.72; 0.91)	(0.74; 0.92)	(0.67; 0.86)	(0.67; 0.84)	(0.61; 0.80)	(0.61; 0.77)	(0.59; 0.72)	(0.56; 0.66)	(0.55; 0.63)	(0.56; 0.61)
Max A-B+B-C (Cx1)	0.78	0.80	0.74	0.74	0.69	0.68	0.64	0.60	0.58	0.58
	(0.67; 0.89)	(0.69; 0.90)	(0.64; 0.84)	(0.64; 0.83)	(0.59; 0.78)	(0.60; 0.76)	(0.58; 0.71)	(0.55; 0.65)	(0.54; 0.62)	(0.55; 0.61)
Cx2 (n=6288)	**n=3**	**n=5**	**n=10**	**n=15**	**n=18**	**n=26**	**n=41**	**n=69**	**n=114**	**n=225**
Min A-B (Cx2)	0.96	0.98	0.86	0.85	0.81	0.76	0.71	0.71	0.66	0.63
	(0.92; 1,00)	(0.95; 1.00)	(0.69; 1.00)	(0.71; 0.99)	(0.68; 0.93)	(0.65; 0.87)	(0.63; 0.80)	(0.65; 0.77)	(0.61; 0.72)	(0.59; 0.67)
Mean A-B (Cx2)	0.96	0.98	0.87	0.85	0.81	0.77	0.72	0.71	0.66	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.69; 1.00)	(0.72; 0.99)	(0.69; 0.93)	(0.66; 0.87)	(0.64; 0.80)	(0.65; 0.77)	(0.61; 0.71)	(0.59; 0.67)
Max A-B (Cx2)	0.96	0.98	0.87	0.86	0.82	0.77	0.73	0.71	0.66	0.62
	(0.92; 1.00)	(0.95; 1.00)	(0.70; 1.00)	(0.73; 0.99)	(0.70; 0.93)	(0.67; 0.87)	(0.65; 0.81)	(0.64; 0.77)	(0.61; 0.71)	(0.58; 0.66)
Min A-C (Cx2)	0.96	0.98	0.87	0.86	0.82	0.78	0.73	0.71	0.66	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.71; 1.00)	(0.73; 0.99)	(0.71; 0.94)	(0.68; 0.88)	(0.66; 0.81)	(0.65; 0.78)	(0.61; 0.72)	(0.60; 0.67)
Mean A-C (Cx2)	0.96	0.98	0.88	0.86	0.83	0.78	0.74	0.71	0.66	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.71; 1.00)	(0.74; 0.99)	(0.71; 0.94)	(0.69; 0.88)	(0.67; 0.82)	(0.65; 0.78)	(0.61; 0.71)	(0.59; 0.67)

	n=3	n=5	n=10	n=15	n=18	n=26	n=40	n=67	n=109	n=220
Max A-C (Cx2)	0.96	0.98	0.88	0.87	0.83	0.79	0.75	0.71	0.66	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.72; 1.00)	(0.75; 0.99)	(0.72; 0.94)	(0.70; 0.88)	(0.67; 0.82)	(0.65; 0.78)	(0.60; 0.71)	(0.59; 0.67)
Min A-B+B-C (Cx2)	0.96	0.98	0.87	0.86	0.82	0.78	0.74	0.71	0.67	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.71; 1.00)	(0.73; 0.99)	(0.71; 0.94)	(0.68; 0.88)	(0.66; 0.81)	(0.65; 0.78)	(0.61; 0.72)	(0.60; 0.67)
Mean A-B+B-C (Cx2)	0.97	0.98	0.88	0.87	0.83	0.79	0.74	0.71	0.66	0.63
	(0.93; 1.00)	(0.96; 1.00)	(0.72; 1.00)	(0.74; 0.99)	(0.72; 0.94)	(0.69; 0.88)	(0.67; 0.82)	(0.65; 0.78)	(0.61; 0.71)	(0.59; 0.67)
Max A-B+B-C (Cx2)	0.96	0.98	0.88	0.87	0.83	0.79	0.75	0.71	0.66	0.63
	(0.93; 1.00)	(0.95; 1.00)	(0.72; 1.00)	(0.75; 0.99)	(0.72; 0.94)	(0.70; 0.88)	(0.68; 0.82)	(0.65; 0.78)	(0.60; 0.71)	(0.59; 0.67)
Cx1Cx2 (n=6179)	**n=3**	**n=5**	**n=10**	**n=15**	**n=18**	**n=26**	**n=40**	**n=67**	**n=109**	**n=220**
Change Min A-B in mm between Cx1 and Cx2	0.54	0.68	0.71	0.69	0.69	0.67	0.60	0.63	0.58	0.56
	(0.19; 0.90)	(0.41; 0.94)	(0.52; 0.91)	(0.52; 0.86)	(0.54; 0.84)	(0.55; 0.79)	(0.51; 0.70)	(0.56; 0.69)	(0.52; 0.63)	(0.52; 0.60)
Change Mean A-B in mm between Cx1 and Cx2	0.66	0.75	0.76	0.72	0.72	0.68	0.62	0.63	0.58	0.55
	(0.25;1.00)	(0.49; 1.00)	(0.56; 0.95)	(0.54; 0.89)	(0.57; 0.87)	(0.57; 0.80)	(0.51; 0.71)	(0.56; 0.70)	(0.52; 0.63)	(0.51; 0.59)
Change Max A-B in mm between Cx1 and Cx2	0.69	0.77	0.76	0.72	0.72	0.68	0.60	0.62	0.57	0.55
	(0.26; 1.00)	(0.51; 1.00)	(0.58; 0.95)	(0.55; 0.89)	(0.57; 0.87)	(0.56; 0.80)	(0.51; 0.70)	(0.55; 0.69)	(0.51; 0.63)	(0.51; 0.59)
Change Min A-C in mm between Cx1 and Cx2	0.65	0.71	0.70	0.67	0.68	0.65	0.62	0.61	0.56	0.54
	(0.35; 0.96)	(0.51; 0.91)	(0.53; 0.87)	(0.51; 0.82)	(0.54; 0.83)	(0.53; 0.77)	(0.52; 0.72)	(0.54; 0.68)	(0.50; 0.62)	(0.50; 0.58)
Change Mean A-C in mm between Cx1 and Cx2	0.73	0.76	0.73	0.68	0.70	0.66	0.62	0.61	0.56	0.53
	(0.53; 0.93)	(0.63; 0.89)	(0.58; 0.88)	(0.53; 0.83)	(0.56; 0.83)	(0.54; 0.77)	(0.53; 0.71)	(0.54; 0.68)	(0.50; 0.62)	(0.49; 0.57)
Change Max A-C in mm between Cx1 and Cx2	0.76	0.78	0.73	0.68	0.69	0.65	0.61	0.61	0.55	0.53
	(0.60; 0.92)	(0.67; 0.89)	(0.59; 0.88)	(0.54; 0.83)	(0.56; 0.83)	(0.54; 0.76)	(0.52; 0.71)	(0.54; 0.68)	(0.59; 0.61)	(0.49; 0.57)
Change Min A-B+B-C in mm between Cx1 and Cx2	0.65	0.71	0.70	0.66	0.68	0.65	0.62	0.61	0.56	0.54
	(0.41; 0.89)	(0.54; 0.87)	(0.53; 0.86)	(0.51; 0.82)	(0.54; 0.82)	(0.53; 0.76)	(0.52; 0.71)	(0.54; 0.68)	(0.50; 0.62)	(0.50; 0.58)
Change Mean A-B+B-C in mm between Cx1 and Cx2	0.77	0.78	0.73	0.68	0.70	0.66	0.62	0.61	0.56	0.53
	(0.60; 0.94)	(0.66; 0.90)	(0.58; 0.88)	(0.53; 0.83)	(0.56; 0.83)	(0.54; 0.77)	(0.52; 0.71)	(0.54; 0.68)	(0.50; 0.61)	(0.49; 0.57
Change Max A-B+B-C in mm between Cx1 and Cx2	0.81	0.80	0.74	0.68	0.69	0.65	0.61	0.60	0.55	0.52
	(0.65; 0.97)	(0.69; 0.91)	(0.59; 0.88)	(0.54; 0.83)	(0.56; 0.83)	(0.54; 0.76)	(0.52; 0.71)	(0.53; 0.67)	(0.49; 0.61)	(0.48; 0.56)
% Change Min A-B between Cx1 and Cx2	0.55	0.72	0.74	0.71	0.71	0.68	0.62	0.64	0.58	0.56
	(0.10; 1.00)	(0.40; 1.00)	(0.53; 0.96)	(0.53; 0.90)	(0.55; 0.87)	(0.56; 0.81)	(0.51; 0.72)	(0.56; 0.71)	(0.52; 0.64)	(0.52; 0.60)
% Change Mean A-B between Cx1 and Cx2	0.66	0.78	0.78	0.74	0.73	0.70	0.62	0.64	0.58	0.56
	(0.18; 1.00)	(0.48; 1.00)	(0.58; 0.99)	(0.56; 0.92)	(0.58; 0.89)	(0.57; 0.82)	(0.52; 0.72)	(0.56; 0.71)	(0.52; 0.64)	(0.52; 0.60)
% Change Max A-B between Cx1 and Cx2	0.68	0.80	0.79	0.74	0.74	0.69	0.62	0.63	0.57	0.55
	(0.20; 1.00)	(0.50; 1.00)	(0.59; 0.99)	(0.56; 0.92)	(0.58; 0.90)	(0.57; 0.82)	(0.51; 0.72)	(0.56; 0.71)	(0.51; 0.63)	(0.51; 0.59)
% Change Min A-C between Cx1 and Cx2	0.69	0.78	0.76	0.71	0.72	0.68	0.64	0.63	0.57	0.54
	(0.36; 1.00)	(0.57; 1.00)	(0.57; 0.94)	(0.54; 0.88)	(0.57; 0.87)	(0.56; 0.81)	(0.54; 0.75)	(0.55; 0.70)	(0.51; 0.63)	(0.50; 0.58)
% Change Mean A-C between Cx1 and Cx2	0.78	0.84	0.79	0.73	0.74	0.69	0.65	0.63	0.57	0.54
	(0.43; 0.97)	(0.70; 0.98)	(0.63; 0.96)	(0.57; 0.90)	(0.59; 0.88)	(0.57; 0.81)	(0.54; 0.75)	(0.56; 0.70)	(0.51; 0.63)	(0.50; 0.58)

% Change Max A-C between Cx1 and Cx2	0.81 (0.65; 0.97)	0.86 (0.75; 0.97)	0.80 (0.64; 0.96)	0.74 (0.58; 0.90)	0.74 (0.59; 0.89)	0.69 (0.56; 0.81)	0.64 (0.54; 0.74)	0.62 (0.55; 0.70)	0.56 (0.50; 0.62)	0.53 (0.49; 0.58)

sPTB=spontaneous preterm birth; GW=gestational week
*The endocervical length (distance A-B) was measured as a straight line from the external to the internal cervical os. If the isthmus was present, three distances were measured: the endocervical length (distance A-B), the isthmus length (distance B-C) and the distance A to C