Table S10. Discriminative ability of shortest endocervical length (distance A-B) 0-30 mm measured at 18+0 to 20+6 gestational weeks (Cx1) with regard to predicting spontaneous preterm birth including late spontaneous miscarriage

| sPTB | No. sPTB | AUC [95% CI] | Sensitivity [95% CI] | Specificity [95% CI] | PP/TP; NNS | LR+ [95% CI] | LR- [95% CI] | PPV [95% CI] | NPV [95% CI] |
|-------|----------|--------------|----------------------|----------------------|-------------|--------------|--------------|--------------|--------------|
| <28 GW | 22 (0.20%) | 0.83 (0.74; 0.92) | 14/22 (63.6%) | 8888/11059 (80.4%) | 791 (79.7; 81.2) | 154; (2.37; 4.47) | 0.40 (0.26; 0.79) | 14/2175 (0.6%) | 8889/8897 (99.9%) |
| <29 GW | 24 (0.22%) | 0.84 (0.76; 0.92) | 16/24 (66.7%) | 8888/11048 (80.5%) | 692 (79.7; 81.2) | 135; (2.56; 4.54) | 0.41 (0.24; 0.73) | 16/2175 (0.7%) | 8889/8897 (99.9%) |
| <30 GW | 34 (0.31%) | 0.77 (0.68; 0.87) | 21/34 (61.8%) | 8888/11038 (80.5%) | 527 (79.7; 81.2) | 103; (2.42; 4.13) | 0.48 (0.31; 0.73) | 21/2175 (1.0%) | 8884/8897 (99.9%) |
| <31 GW | 40 (0.36%) | 0.76 (0.67; 0.85) | 24/40 (60.0%) | 8888/11032 (80.5%) | 461 (79.7; 81.2) | 90; (2.38; 3.97) | 0.50 (0.33; 0.73) | 24/2175 (1.1%) | 8888/8897 (99.8%) |
| <32 GW | 46 (0.42%) | 0.71 (0.62; 0.80) | 25/46 (54.3%) | 8876/11026 (80.5%) | 443 (79.8; 81.2) | 86; (2.13; 3.64) | 0.57 (0.41; 0.78) | 25/2175 (1.1%) | 8876/8897 (99.8%) |
| <33 GW | 63 (0.57%) | 0.68 (0.60; 0.76) | 29/63 (46.0%) | 8863/11009 (80.5%) | 382 (79.8; 81.2) | 74; (1.80; 3.09) | 0.67 (0.53; 0.84) | 29/2175 (1.3%) | 863/8897 (99.6%) |
| <33 GW* | 56 (0.51%) | 0.66 (0.58; 0.74) | 23/56 (41.3%) | 8862/11008 (80.5%) | 481 (79.8; 81.2) | 93; (1.54; 2.89) | 0.73 (0.59; 0.91) | 23/2169 (1.1%) | 8862/8895 (99.9%) |
| <34 GW | 94 (0.85%) | 0.65 (0.59; 0.72) | 39/94 (41.5%) | 8842/10978 (80.5%) | 284 (79.8; 81.3) | 55; (1.67; 2.72) | 0.73 (0.61; 0.86) | 39/2175 (1.8%) | 8842/8897 (99.4%) |
| <35 GW | 143 (1.29%) | 0.62 (0.57; 0.67) | 50/143* (35.0%) | 8804/10929 (80.6%) | 221 (79.8; 81.3) | 43; (1.43; 2.26) | 0.81 (0.72; 0.91) | 50/2175 (2.3%) | 8804/8897 (99.0%) |
| <36 GW | 226 (2.04%) | 0.61 (0.57; 0.65) | 76/226 (33.6%) | 8747/10846 (80.6%) | 146 (79.8; 81.4) | 28; (1.44; 2.10) | 0.82 (0.75; 0.90) | 76/2175 (3.5%) | 8747/8897 (98.3%) |
| <37 GW | 417 (3.77%) | 0.60 (0.57; 0.63) | 130/417 (31.2%) | 8610/10655 (80.8%) | 85 (79.8; 81.6) | 16; (1.40; 1.88) | 0.85 (0.80; 0.91) | 130/2175 (6.0%) | 8610/8897 (96.8%) |

GW=gestational weeks. sPTB=spontaneous preterm birth including late miscarriage. No.=number of. AUC-area under receiver operating characteristic curve. CI=confidence interval. FP=false positive. TP=true positive. NNS=number needed to screen, i.e. number of women needed to screen to detect one true positive test result. LR+ = positive likelihood ratio. LR- = negative likelihood ratio. PPV=positive predictive value. NPV=negative predictive value.

† late miscarriage excluded, n=11064 as denominator for Cx1