Episiotomy: OR (95% CI) Explanatory variable **Factor** Basel Lausanne Lausanne Sex male Basel female 0.49 (0.30-0.81) 0.70 (0.47–1.05) Parity 0.70 (0.52-0.88) 0.52 (0.35–0.72) Child position normal 0.29 (0.05–1.02) 0.81 (0.32–1.82) non-normal Maternal height in 10cm 1.32 (0.89–2.00) 1.30 (0.94–1.82) _ Birthweight in 100gr 1.02 (0.97–1.08) 1.03 (0.99–1.08) Conjug. Ext. vs Head circum. normal 0.60 (0.24–1.31) large-small 0.92 (0.33–2.20) small-large 1.35 (0.58–2.91) 2.03 (1.04–3.80) Expulsion phase 1st tercile

2nd tercile 2.47 (1.13–5.72) 0.66 (0.34–1.29) 3rd tercile 8.06 (3.92–18.0) 1.63 (0.87–3.09) 0.1 10.0 Odds ratio and 95% CI (log scale)