

Table 3. Perinatal outcomes by Ethnicity and Migration Status

|                             |     | Native                      |                            | First generation migrants |                            | Second or higher order generation migrants |                          |                          |
|-----------------------------|-----|-----------------------------|----------------------------|---------------------------|----------------------------|--|--------------------------|--------------------------|
|                             |     | White British**<br>(n=3879) | Other Ethnicity<br>(n=121) | Pakistani<br>(n=2662)     | Other Ethnicity<br>(n=995) | Pakistani<br>(1877)                        | Other Ethnicity<br>(412) | White British<br>(n=163) |
| Low birthweight <2500g      | aOR | 1.00                        | 0.99                       | <b>1.63</b>               | 0.93                       | <b>2.01</b>                                | <b>1.90</b>              | 0.55                     |
|                             | LCI | 1.00                        | 0.48                       | <b>1.35</b>               | 0.70                       | <b>1.66</b>                                | <b>1.39</b>              | 0.24                     |
|                             | UCI | 1.00                        | 2.05                       | <b>1.97</b>               | 1.24                       | <b>2.42</b>                                | <b>2.60</b>              | 1.25                     |
| Macrosomia                  | aOR | 1.00                        | 0.93                       | <b>0.30</b>               | <b>0.64</b>                | <b>0.30</b>                                | <b>0.18</b>              | 0.81                     |
|                             | LCI | 1.00                        | 0.51                       | <b>0.24</b>               | <b>0.50</b>                | <b>0.24</b>                                | <b>0.10</b>              | 0.48                     |
|                             | UCI | 1.00                        | 1.71                       | <b>0.37</b>               | <b>0.83</b>                | <b>0.39</b>                                | <b>0.34</b>              | 1.37                     |
| Preterm <37 completed weeks | aOR | 1.00                        | 1.21                       | <b>0.80</b>               | 0.80                       | 1.03                                       | 1.05                     | 0.60                     |
|                             | LCI | 1.00                        | 0.62                       | <b>0.64</b>               | 0.60                       | 0.83                                       | 0.72                     | 0.28                     |
|                             | UCI | 1.00                        | 2.34                       | <b>0.98</b>               | 1.07                       | 1.28                                       | 1.52                     | 1.29                     |
| APGAR score <7 at 1 minute  | aOR | 1.00                        | 1.23                       | <b>0.80</b>               | 0.85                       | 0.90                                       | 0.87                     | 0.76                     |
|                             | LCI | 1.00                        | 0.74                       | <b>0.68</b>               | 0.68                       | 0.76                                       | 0.64                     | 0.46                     |
|                             | UCI | 1.00                        | 2.03                       | <b>0.94</b>               | 1.05                       | 1.07                                       | 1.17                     | 1.27                     |
| APGAR score <7 at 5 minutes | aOR | 1.00                        | 1.16                       | 1.08                      | 1.08                       | 1.15                                       | 1.18                     | 0.83                     |
|                             | LCI | 1.00                        | 0.36                       | 0.76                      | 0.69                       | 0.79                                       | 0.64                     | 0.26                     |
|                             | UCI | 1.00                        | 3.74                       | 1.54                      | 1.70                       | 1.65                                       | 2.18                     | 2.64                     |
| Stillborn                   | aOR | 1.00                        | 1.68                       | 2.01                      | 1.29                       | 1.95                                       | 0.59                     | 0.00                     |
|                             | LCI | 1.00                        | 0.22                       | 1.00                      | 0.46                       | 0.95                                       | 0.08                     | 0.00                     |
|                             | UCI | 1.00                        | 12.92                      | 4.01                      | 3.61                       | 4.01                                       | 4.47                     |                          |
| Pre-eclampsia               | aOR | 1.00                        | 0.00                       | 1.14                      | 0.97                       | <b>1.40</b>                                | 0.74                     | 1.42                     |
|                             | LCI | 1.00                        | 0.00                       | 0.82                      | 0.63                       | <b>1.00</b>                                | 0.37                     | 0.61                     |
|                             | UCI | 1.00                        |                            | 1.59                      | 1.51                       | <b>1.94</b>                                | 1.49                     | 3.29                     |
| Gestational diabetes        | aOR | 1.00                        | 0.75                       | <b>2.68</b>               | <b>1.89</b>                | <b>1.79</b>                                | 1.32                     | 1.04                     |
|                             | LCI | 1.00                        | 0.23                       | <b>2.20</b>               | <b>1.46</b>                | <b>1.43</b>                                | 0.89                     | 0.52                     |
|                             | UCI | 1.00                        | 2.40                       | <b>3.27</b>               | <b>2.45</b>                | <b>2.23</b>                                | 1.96                     | 2.09                     |

\*\* Reference group

\*Adjustment for Mother's age at delivery, Mother's booking BMI (derived), IMD 2010 score, Registerable parity, Gestation to last completed week.