#### Table 1 (Primary outcome): Univariate regression model results of risk factors for death

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| **Variables** | **cOR (95% UCL - LCL)** | **Beta parameter estimate p value** |
| Demographic characteristics |  |  |
| Age in weeks at diagnosisa | 0.97 (0.95, 0.99)) | 0.01 |
| Sex (F)a | 0.99 (0.69, 1.44) | 0.97 |
| Month (restricted to seasons) |  |  |
| reference = June |  |  |
| January | 0.80 (0.27, 2.33) | 0.68 |
| February | 0.51 (0.16, 1.63) | 0.26 |
| March | 1.76 (0.70, 4.44) | 0.23 |
| April | 1.20 (0.46, 3.13) | 0.70 |
| May | 1.44 (0.53, 3.91) | 0.48 |
| July | 1.30 (0.44, 3.87) | 0.63 |
| August | 0.94 (0.33, 2.67) | 0.90 |
| September | 1.27 (0.51, 3.15) | 0.60 |
| October | 1.53 (0.62, 3.76) | 0.36 |
| November | 0.99 (0.38, 2.60) | 0.98 |
| December | 1.04 (0.38, 2.87) | 0.94 |
| Years (restrict to 12 month seasons)a |  |  |
| 2014 | 1.83 (0.86, 3.87) | 0.11 |
| 2015 | 1.73 (0.85, 3.56) | 0.13 |
| 2016 | 1.40 (0.67, 2.93) | 0.37 |
| Medical and social history |  |  |
| Child’s birthweighta | 0.86 (0.73, 1.02) | 0.09 |
| Breastfed (yes)a | 0.28 (0.11, 0.71) | 0.01 |
| Household employment statusa | 0.25 (0.16, 0.38) | <.0001 |
| Household electricity status (reference = None)a |  |  |
| Any | 0.47 (0.31, 0.72) | 0.00 |
| Household transportation status |  |  |
| Bicycle | 1.24 (0.82, 1.89) | 0.31 |
| Motorcycle | 1.19 (0.61, 2.33) | 0.60 |
| Cara | 0.36 (0.18, 0.70) | 0.00 |
| Household electronics status |  |  |
| Computera | 0.32 (0.15, 0.70) | 0.00 |
| Telephonea | 2.33 (1.25, 4.33) | 0.01 |
| Televisiona | 0.29 (0.19, 0.43) | <.0001 |
| Radio | 0.78 (0.49, 1.24) | 0.30 |
| Household appliance status |  |  |
| Refrigeratora | 0.41 (0.25, 0.67) | 0.00 |
| Clinical characteristics |  |  |
| Duration of symptom onset to IS date admission to treatment hospitala | 1.05 (1.02, 1.08) | 0.00 |
| Transferred hospitals |  | 0.87 |
| Method of IS diagnosis included:a |  |  |
| Clinical alone | 0.47 (0.25, 0.89) | 0.02 |
| Enema and/or US | 0.33 (0.18, 0.62) | 0.00 |
| Surgery | 3.43 (2.09, 5.62) | <.0001 |
| IS treatment (reference= US and/or enema) |  |  |
| Surgery | NED |  |
| Resectiona | 3.83 (2.51, 5.84) | <.0001 |

#### Abbreviations: NED = not enough data (complete or quasi-complete separation of datapoints); cOR = crude Odds Ratio; UCL = Upper Confidence Limit; LCL = Lower Confidence Limit; US = Ultrasound; IS = Intussusception

aVariable met inclusion criteria for the initial multivariable model