Table S1: Variance Inflation Factors (VIF) for Regression Model

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| --- | --- |
| Predictor Variable | VIF |
| Gender | 1.42 |
| Age | 2.25 |
| GA | 9.76 |
| Birth Weight | 15.53 |
| Mothers Age | 1.73 |
| Delivery | 2.4 |
| Neonatal Sepsis | 2.46 |
| Birth Asphyxia | 1.71 |
| LBW | 6.57 |
| Premature | 5.99 |
| Infection during pregnancy | 1.76 |
| Comorbidities | 2.11 |

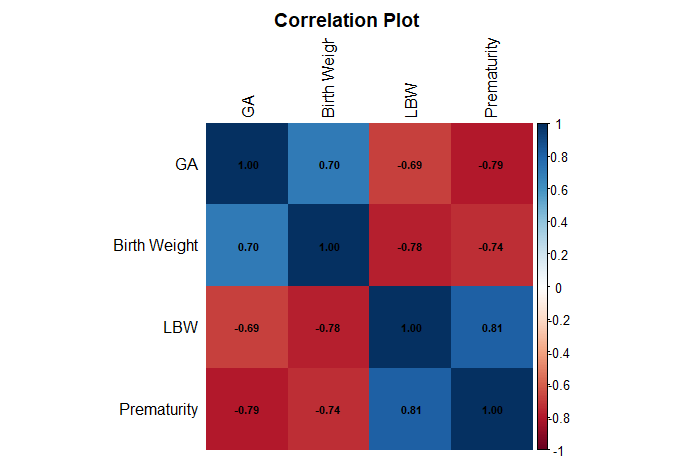


Figure S1. Heatmap of pairwise correlation coefficients between gestational age, birth weight, low birth weight and prematurity.