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late neonatal Males Logit-transformed LBWSG exposure distribution at initialization Simulation Artifact 41.0 --6.5 -4.9 -1.7 -2.2 41.0 --4.8 -2.6 -1.6 -2.2 39.0 --6.7 -5.3 -2.3 -1.6 -2.7 -6.6 -5.1 -4.2 -2.2 -1.7 -2.7 -4.4 39.0 --4.6 Gestational age midpoint (weeks) 37.5 - 36.5 - 35.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 midpoint (weeks) 37.5 --6.4 -5.2 -5.2 -4.6 -3.1 -3.8 -5.6 -4.3 -3.2 -5.8 -4 -5.5 -5.3 -4.3 -4.5 -5.6 36.5 --7.2 -5.7 -5.3 -6.7 -4.2 -4.6 -5.9 -7.6 35.0 --5.1 -6.1 -6.9 -6.3 -4.8 -4.1 -4.7 -4.4 -6.1 -5.6 33.0 --4.5 -5.7 -6.2 -5.7 -5.4 -4.8 -5.6 -6.2 31.0 --5.6 -6.2 -6.5 -6.9 -6.7 -6.3 -6.1 -6.7 -7.5 Sestational 29.0 --6.2 -6.7 -7.4 -7.2 -7.8 -6.2 -7.2 -6.9 -7.2 -7.6 -8.3 -7.2 27.0 --7.7 -6.5 25.0 --6.9 25.0 --6.9 -10-1012.0 -12.0 --11 -11 3750.0 4250.0 3750.0 250.0 1250.0 2750.0 3250.0 50.0 2250.0 1250.0 2750.0 Birthweight midpoint (g) Birthweight midpoint (g)

early neonatal Females Logit-transformed LBWSG exposure distribution at initialization Simulation Artifact -5.1 41.0 --6.9 -5.8 -3.3 -1.4 -2.2 41.0 --6.3 -3.4 -1.5 -2 39.0 --6.9 -5.8 -4.5 -2.7 -1.7 -2.5 -3.2 -6.5 -5.5 -4.8 -2.8 <u>-1</u>.8 -2.4 39.0 -Gestational age midboint (weeks) 37.5 - 36.5 - 35.0 - 27.0 - 27.0 midpoint (weeks) -5.5 37.5 --3.9 -3.4 -2.8 -4.5 -5.1 -6.7 -5.3 -4.5 -3.4 -4.1 -5.8 -5.5 -4.6 -5.3 36.5 --6.4 -5.5 -6.2 -4.4 -4.7 -6.2 -5.3 -6.2 -6.2 35.0 --4.8 -4.6 -5.2 -4.9 -6.2 -4.4 -4.5 -6.9 -5.1 -6.9 -5.1 33.0 --6.2 -5.4 -5.6 -5.2 -5.4 -5.5 -5.8 -6.2 -6.2 -6.9 31.0 --6.9 -5.7 -6.3 -6.1 -6.4 -7.8 Sestational 29.0 --6.9 -5.8 -5.5 -6.2 -6.9 -6.6 -6.9 -7.2 -6.8 -5.8 27.0 --7.5 -5.9 25.0 --6.9 25.0 --8.4 -10-1012.0 -12.0 - -11 -6.9 -8.1 3750.0 4250.0 3750.0 250.0 50.0 1250.0 2750.0 3250.0 50.0 1250.0 2750.0 2250.0

Birthweight midpoint (g)

Birthweight midpoint (g)

late neonatal Females Logit-transformed LBWSG exposure distribution at initialization Simulation Artifact 41.0 --6.1 -5.2 -2.9 -1.7 -1.9 41.0 --5.3 -2.9 -1.7 -1.9 39.0 --6.9 -5.4 -4.7 -2.6 -2.1 -1.9 -5.8 -4.8 -2.5 -2.1 -1.9 -3.4 39.0 -Gestational age midpoint (weeks) 37.5 - 36.5 - 35.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 - 27.0 midpoint (weeks) 37.5 --5.5 -5.8 -4.8 -3.1 -3.1 -4.2 -5.1 -4.8 -3.1 -2.<u>9</u> -5.5 -4.1 -8.3 -4.8 -5.2 -5.7 36.5 --7.5 -6.2 -5.7 -4.9 -5.1 -5.8 -5.2 35.0 --4.5 -4.9 -6.3 -6.3 -6.3 -5.1 -4.4 -4.9 33.0 --6.5 -5.5 -5.3 -5.1 -5.9 -6.2 -5.6 -5.6 -5.3 -5.2 -6.3 31.0 --6.1 -6.2 -6.5 -5.8 -6.7 -6.3 -8.3 -5.9 -8.1 Sestational -6.9 -7.2 -6.9 -8.3 -8.3 29.0 --7.5 -6.7 -6.8 -7.4 -7.4 -7.8 -8.3 -6.1 27.0 --7.7 -6.2 25.0 --8.3 25.0 --7.5 -10-1012.0 -12.0 - -11 -7.6 3750.0 4250.0 3750.0 250.0 1250.0 2750.0 3250.0 2250.0 1250.0 2750.0

Birthweight midpoint (g)

Birthweight midpoint (g)

