

2750.0

Birthweight midpoint (g)

3750.0

4250.0

12.0 - -8.5

-11

1250.0

```
41.0 -
   39.0 -
midpoint (weeks)
   37.5 -
   36.5 -
   35.0 -
   33.0 -
                           32
   31.0 -
                          -5.2
   29.0 -
                          -3.9
   27.0 -
                    43
```

25.0 -

12.0 -

24

Simulation exposure relative

to artifact percent difference

-14

23

0.19

4.9

-11

-56

2250.0

Birthweight midpoint (g)

26

3

250.0

58

4e+0

-2.6 -1.9

-1.4

-0.48 2.4 0.76

6.5

-3.9

-35

4.4

-4.2 -0.85 1.5

7.9

-12

-17

-12

2.1

-3.7

8.1

3750.0

19 le+02

39

- 40

- 20

- 0

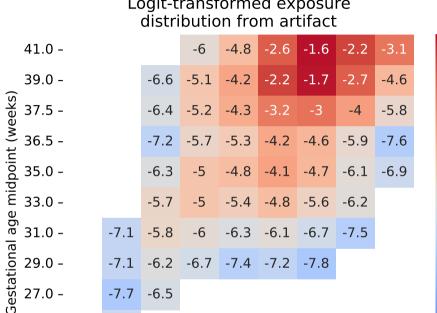
-20

-40

early neonatal Males at initialization

-8

-10



-6.3

<del>-6.2 -6.7 -7.4 -7.2 -7.8</del>

Birthweight midpoint (g)

-6.1

2750.0

-6.7 -7.5

3750.0

4250.0

-5.8

-6.5

1250.0

-7.7

-6.9

-11

50.0

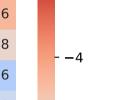
31.0 -

29.0 -

27.0 -

25.0 -

12.0 - -11



-8

-10

late neonatal Males at initialization



31.0 -

29.0 -

27.0 -

25.0 -

12.0 -<mark>.1e+0</mark>

-39

14

3.6

-17

1250.0

41.0 -

Simulation exposure relative

to artifact percent difference

-1.1 -0.27 1.2

4.5

-5.8

0.05

-2.1 -2.6 1.5

-3.6

1.8

1.9

-17

-8.7 -0.15

0.41 -1.4 -0.95 -1.4

-0.88 4.4

6.9

2250.0

Birthweight midpoint (g)

0.63

1.5

3.4

-3.2

6.8

-17

23

-7

11

14

17

3750.0

- 40

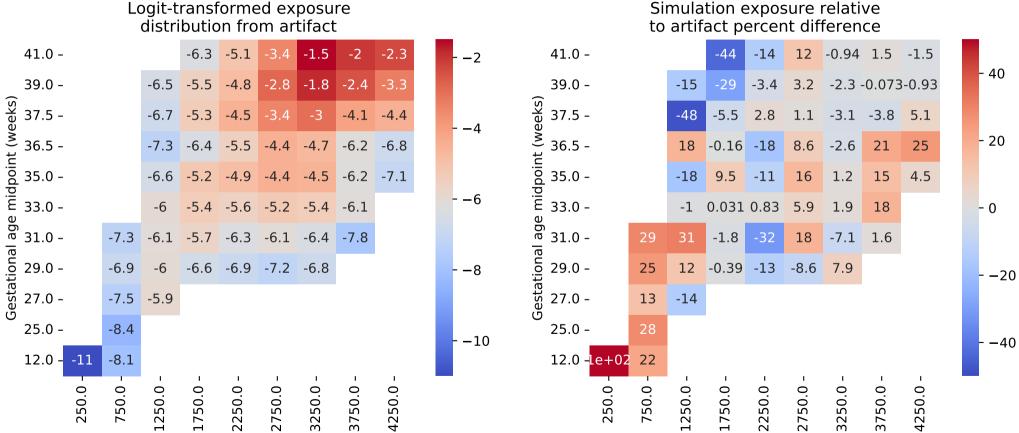
- 20

- 0

-20

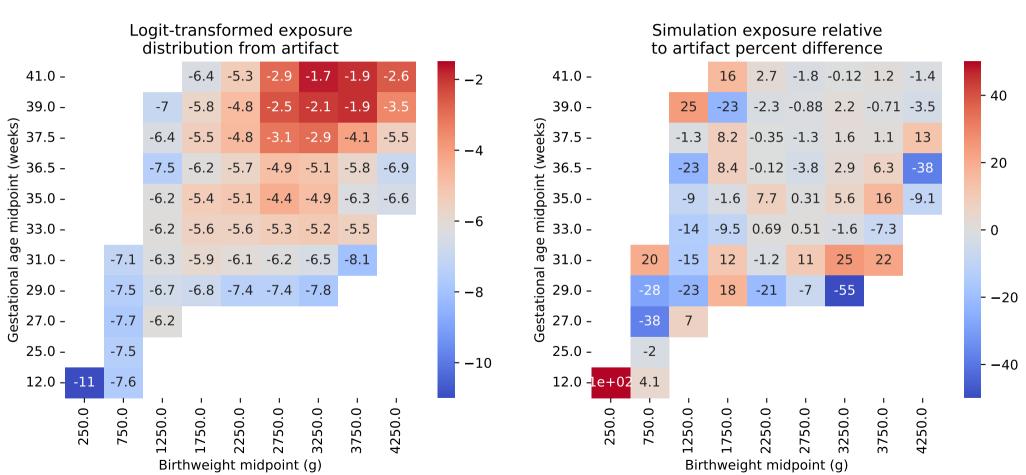
-40

Birthweight midpoint (g)



Birthweight midpoint (g)

early neonatal Females at initialization



late neonatal Females at initialization

birth Males at birth

- 40

- 20

- 0

-20

-40

-2 41.0 --4.6 -1.7 41.0 --5.7 -0.92 14 62 39.0 --4.1 -2.2 -1.8 -2.8 -4.1 39.0 -6.2 -5.9 -25-1.3e+ Sestational age midpoint (weeks) midpoint (weeks) 37.5 --5.6 37.5 -3.2 50 -4.5 -4.1 36.5 -36.5 --5.8 -5.4 -4.2 16 9.6 -26 6.4 8 -4.6 7.5e+( 35.0 -35.0 -2.8 -4.8 -4.3 -5.8 -6.5 -25 12 -23 18 -4.1 14 33.0 --5.1 33.0 --8.9 -5.3 -4.9 -5.4 40 -16 -13 -4.7 21

25.0 -

12.0 -

-6.7

250.0

-6.1

-6.6

50.0

1250.0

### 31.0 -31.0 -39 46 -5.8 -6.8 -7.9 -8.6 -5 10 11

-10

4250.0

3750.0

2750.0

Birthweight midpoint (g)

29.0 --17 -2.5 29.0 -<del>-5.6</del> <del>-6.2</del> -7.2 -7.3 43 35 9.8 -8 27.0 --6.3 -5.7 27.0 -50 50

25.0 -

12.0 -

91

1250.0

2250.0

Birthweight midpoint (g)

3750.0

86 1e+02

25.0 -

12.0 -

-6.7

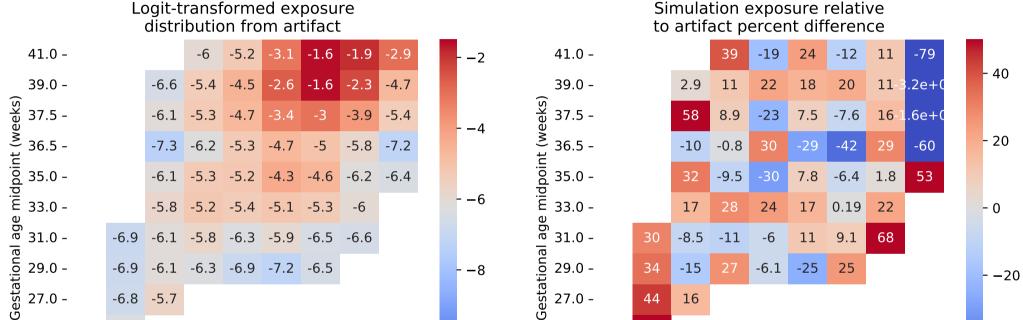
250.0

-6.3

-6.1

50.0

1250.0



-10

4250.0

3750.0

2750.0

Birthweight midpoint (g)

25.0 -

12.0 -le+02 89

88

1250.0

2250.0

Birthweight midpoint (g)

3750.0

-40

birth Females at birth

distribution from artifact -2.7 -1.6 -2.2 41.0 --4.3

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 - -8.5

Sestational age midpoint (weeks)

-5.2

-5.8

-6.2

1250.0

-7.3

-8.6

-11

-6.6

-6.4 -4.9 -4.1 -2.3 -1.8 -2.6

-5.2 -4.5 -4.2 -6.4

-4.8

-5.9

2750.0

Birthweight midpoint (g)

-7.3 -7.4

-5.4 -3.9 -4.6 -6.2

-5.3

-4.4 -5.6

-6.9 -8.5

-6.9

4250.0

3750.0

early\_neonatal Males at 28 days

41.0 -

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

midpoint (weeks)

-8

-10

Simulation exposure relative to artifact percent difference

6.6

25

-9.8

2250.0

Birthweight midpoint (g)

5.7

-2.6

21

7.7

-0.62 2.5

-5.7

-16

-1.8

-3.1

250.0

10

-87

61

12.0 - -4.7 le+02

13

-38

-4.9

0.57 -3.6

-18

-6.2

-6.8

3750.0

-2.1 -0.35 9.5

-7.5

9.2

13

-24

-2.1 -1.8

2.1 -0.99

-10

- 40

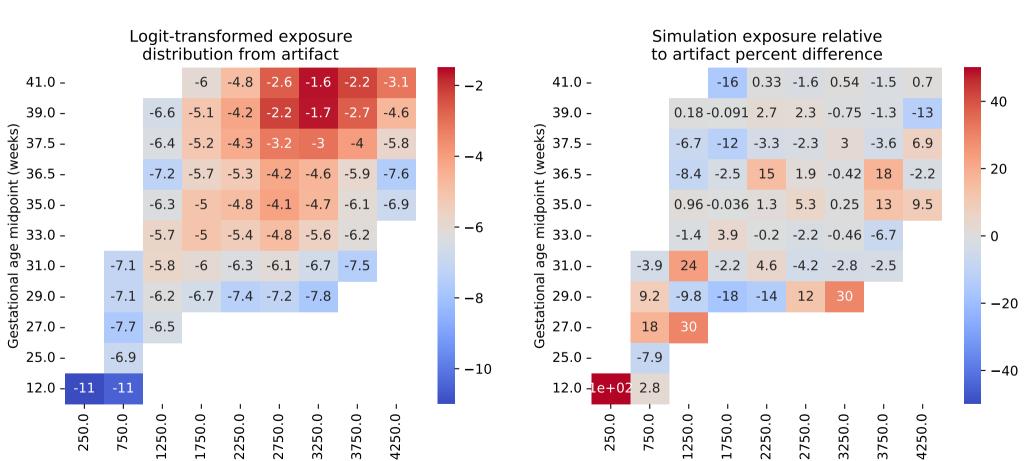
- 20

- 0

-20

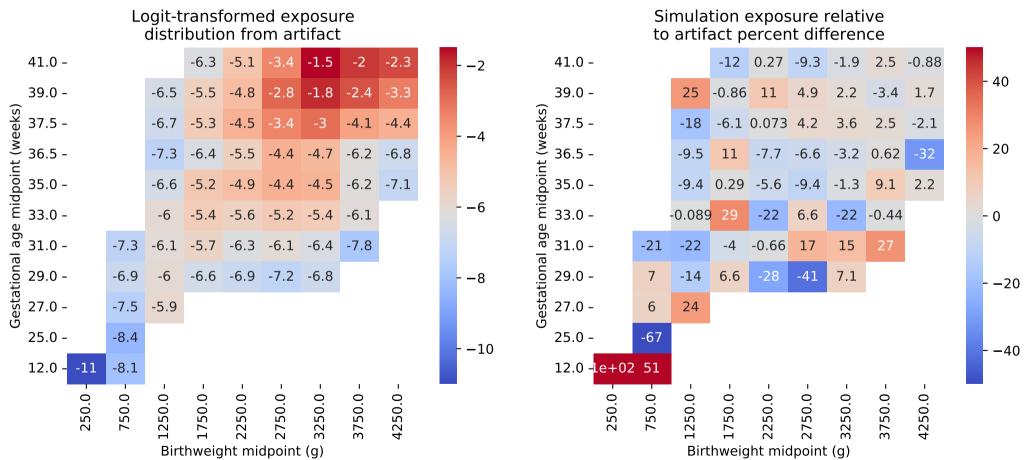
-40

Birthweight midpoint (g)

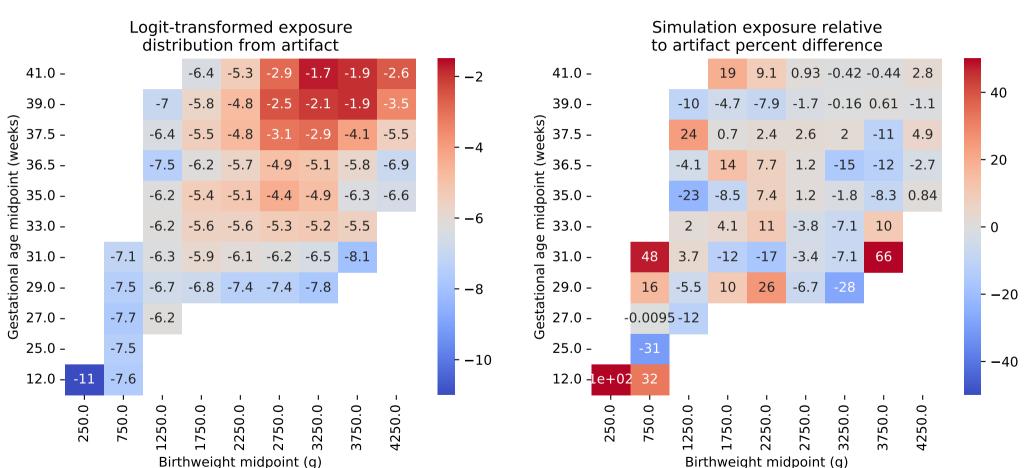


Birthweight midpoint (g)

late neonatal Males at 28 days



early neonatal Females at 28 days



late neonatal Females at 28 days