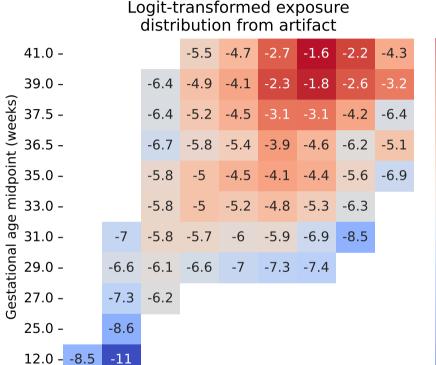
# Logit-transformed exposure



2750.0

Birthweight midpoint (g)

3750.0

4250.0

-11

1250.0



early neonatal Males at initialization

41.0 -

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 - -241.4e+0

midpoint (weeks)

Simulation exposure relative

to artifact percent difference

2.9

-0.19 -7.9

-4.9

56

2250.0

Birthweight midpoint (g)

-5.9

-10

-26

-32

5.2

3.9

-3

250.0

-17

-43

-58

2.6

4.2 0.85 -1.5

12

17

12

-23 0.48 -2.4 -0.76

-6.5

3.9

35

1.9

-2.1

3.7

-8.1

3.6

3750.0

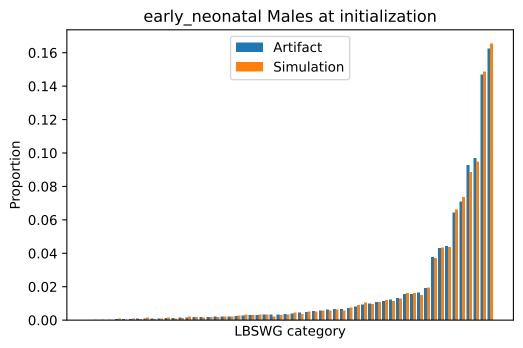
-19 -1e+02

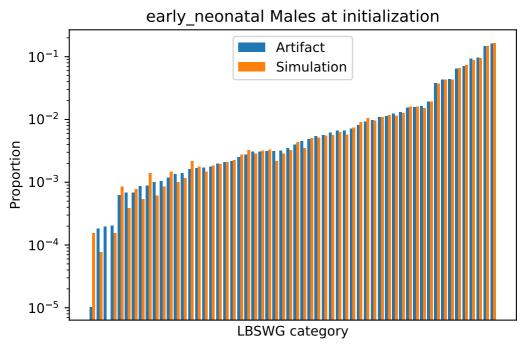
- 40

- 20

- 0

-20





## Logit-transformed exposure

2750.0

Birthweight midpoint (g)

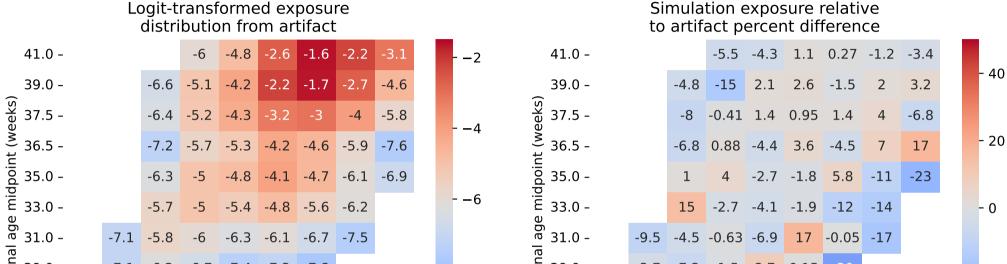
3250.0

3750.0

250.0

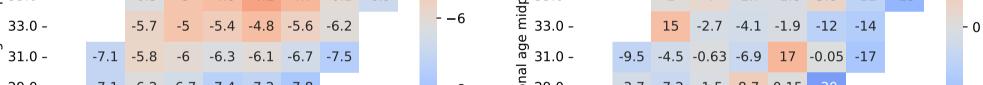
50.0

1250.0



late neonatal Males at initialization

## 33.0 -33.0 --5.4 <del>-4.8</del> -5.6 -6.2 -4.1 -1.9 -12



-20

-40

| 으 29.0 - | -/.1 | -6.2 | -6./ | -/.4 | -7.2 | -/.8 |  |  | - <b>–</b> 8 | 유 29.0 -       | -3./ | -7.2 | -1.5 | 8.7 | 0.15 | -30 |  | <b>-</b> |
|----------|------|------|------|------|------|------|--|--|--------------|----------------|------|------|------|-----|------|-----|--|----------|
| - 0.72 a | -7.7 | -6.5 |      |      |      |      |  |  |              | esta<br>- 0.72 | 39   | 17   |      |     |      |     |  |          |
| 25.0 -   | -6.9 |      |      |      |      |      |  |  | - –10        | 25.0 -<br>-    | -14  |      |      |     |      |     |  |          |

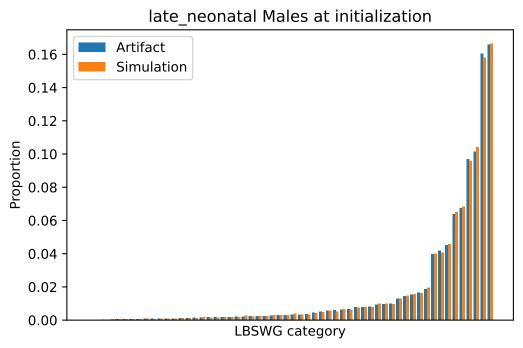
| 0) 27.0 - | -/./ | -0.5 |  |  |    | 60 Z7.0 - | 29     | 1/ |  |  |  |
|-----------|------|------|--|--|----|-----------|--------|----|--|--|--|
| 25.0 -    | -6.9 |      |  |  | 10 | 25.0 -    | -14    |    |  |  |  |
| 12.011    | -11  |      |  |  | 10 | 12.01e+   | 02-3.6 |    |  |  |  |

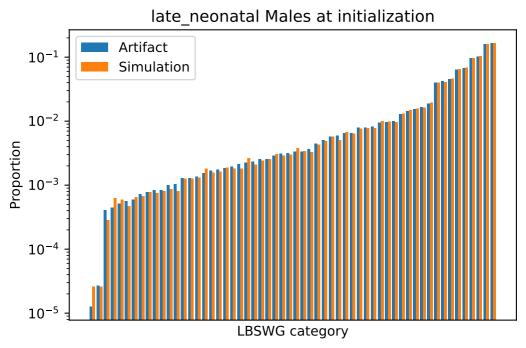
1250.0

2250.0

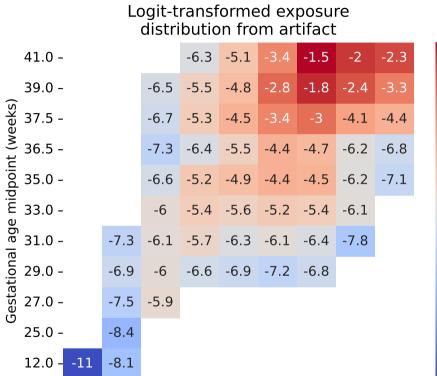
Birthweight midpoint (g)

3750.0





# Logit-transformed exposure



2750.0

Birthweight midpoint (g)

3750.0

250.0

50.0

250.0

```
41.0 -
   39.0 -
midpoint (weeks)
   37.5 -
   36.5 -
   35.0 -
   33.0 -
   31.0 -
```

29.0 -

27.0 -

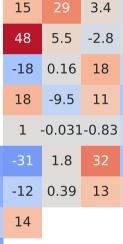
25.0 -

12.0 -1e+02

-8

-10

early neonatal Females at initialization



250.0

-29

-25

-13

-22

Simulation exposure relative

to artifact percent difference

-2.8

18

2250.0

Birthweight midpoint (g)

-8.6

-16

-5.9

-18

8.6

0.94 -1.5

3.8

-21

-15

-18

-1.6

3750.0

3.4 -3.2 2.3 0.073 0.93

3.1

2.6

-1.2

-1.9

7.1

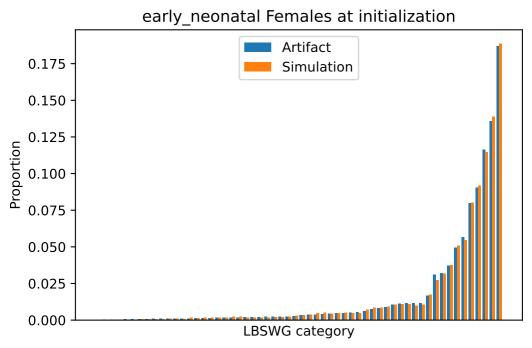
-7.9

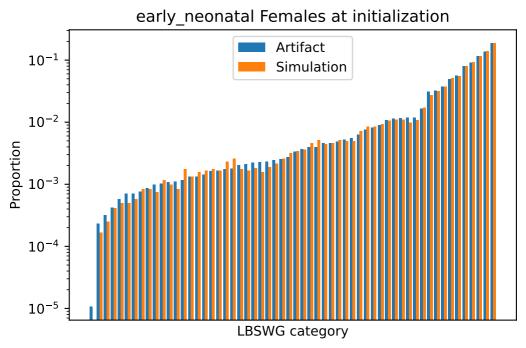
- 40

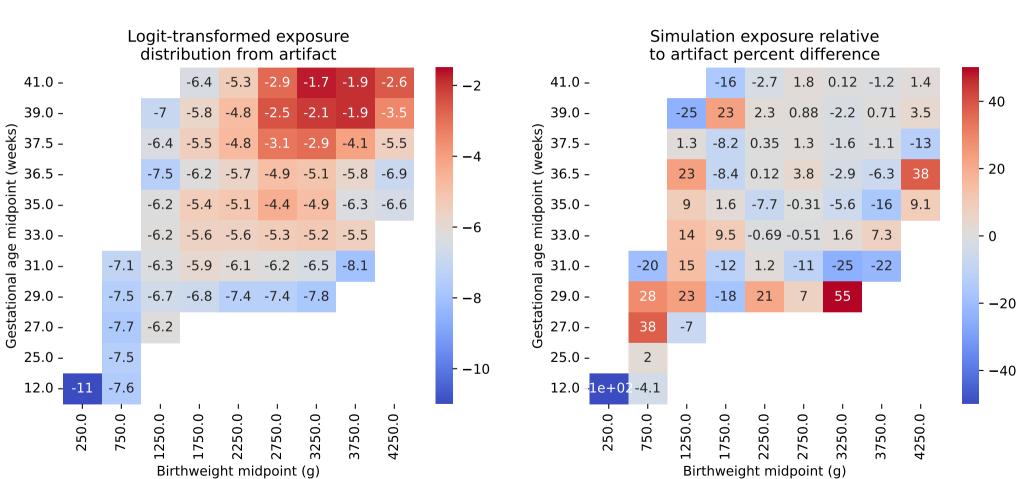
- 20

- 0

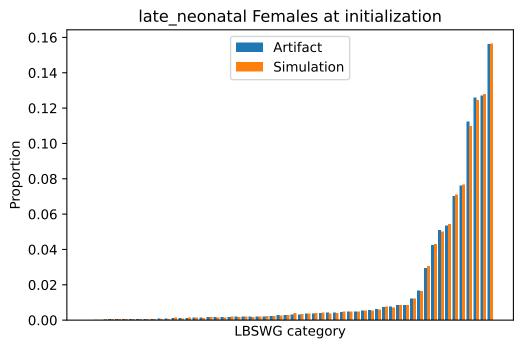
-20

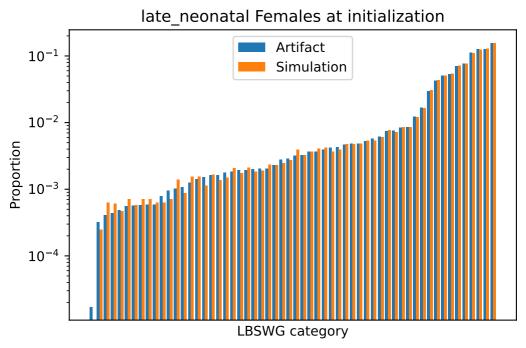






late neonatal Females at initialization





birth Males at birth

|                             |      |      |      |      |      |      |      |   |                       |     | •    |      |      |      |      |       |     |    |
|-----------------------------|------|------|------|------|------|------|------|---|-----------------------|-----|------|------|------|------|------|-------|-----|----|
| 41.0 -                      |      | -5.9 | -4.6 | -2.7 | -1.7 | -2   | -3.4 | 2 | 2 41.0 -              |     | 57   | -8.7 | 5.7  | 0.92 | -14  | -62   |     |    |
| 39.0 -                      | -6.2 | -5   | -4.1 | -2.2 | -1.8 | -2.8 | -4.1 |   | 39.0 -                | -15 | 8.3  | -5.8 | -6.2 | 5.9  | 251  | .3e+0 |     | 40 |
| (S)<br>9 37.5 -<br>9 36.5 - | -6   | -5.1 | -4.5 | -3.2 | -3.1 | -4.1 | -5.6 | / | (v)<br>2 37.5 -       | -25 | -1.1 | -3.2 | 7.9  | -4   | -3   | -50   |     |    |
| 36.5 -                      | -6.6 | -5.8 | -5.4 | -4.2 | -4.6 | -6   | -7.2 |   | 36.5 -                | -16 | 4.3  | -9.6 | 26   | -6.4 | -8 7 | .5e+0 | - : | 20 |
| .i.<br>영 35.0 -             | -5.5 | -4.8 | -4.8 | -4.1 | -4.3 | -5.8 | -6.5 |   | . <u>i.</u><br>85.0 - | -14 | -22  | 25   | -2.8 | -12  | 23   | -18   |     |    |
|                             | -5.4 | -5.1 | -5.3 | -4.9 | -5.4 | -6   |      | 6 | 6 E 33.0 -            | -40 | 16   | 8.9  | 13   | 4.7  | -21  |       | _   | 0  |

Gestational age mic - 0.62 - 0.72 - 0.75 € 33.0 -4.7 -21 -36 31.0 --39 8.6 -5.8 -6.8 -10 -11 -46 Sestational 29.0 --43 -35 2.5 **-5.6 -6.2 -7.2 -7.2 -7.3** -9.8 -6.3 -5.7 27.0 --50 -50 25.0 --6.1 25.0 --91

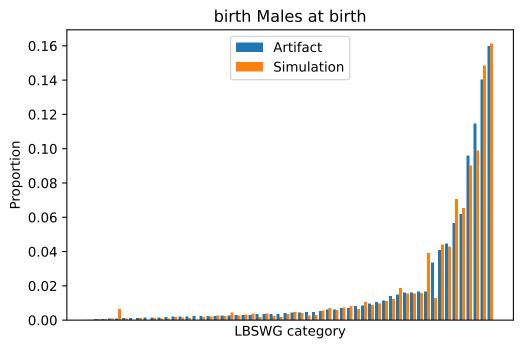
Birthweight midpoint (g)

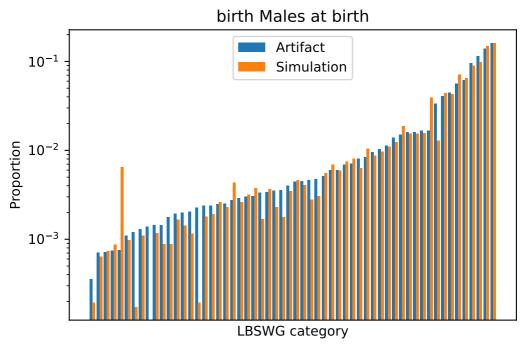
-1012.0 - -6.7 -6.6 12.0 --86 -1e+02 1750.0 2750.0 3750.0 4250.0 2750.0 3750.0 250.0 1250.0 1250.0 2250.0 4250.0

-20

-40

Birthweight midpoint (g)





-4.6

-6.5

-3.9

-5.8

-6.2

-6.4

4250.0

3750.0

distribution from artifact -1.6 -1.9 41.0 -

-6.2 -5.3

-5.8 -5.2 -5.4 -5.1

<del>-5.8</del> -6.3

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 -

-6.7

250.0

-6.8

-6.3

-6.1

50.0

-5.7

1250.0

Sestational age midpoint (weeks)

-5.3 -5.2 -4.3

**-6.1 -6.3 -6.9 -7.2 -6.5** 

Birthweight midpoint (g)

-4.7

-5.9

2750.0

-4.7 -5.4

-8

-10

birth Females at birth

41.0 -

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 -1e+02 -89

midpoint (weeks)

Simulation exposure relative to artifact percent difference

-24

6.1

2250.0

Birthweight midpoint (g)

-58

10

-32

-17

8.5

15

-16

1250.0

-34

-44

-88

-8.9

8.0

9.5

-24

-7.5

29

-7.8

-17

-11

25

12

7.6

42

6.4

-0.19

-9.1

-25

-11

-1.8

-68

3750.0

79

60

-53

-113.2e+0

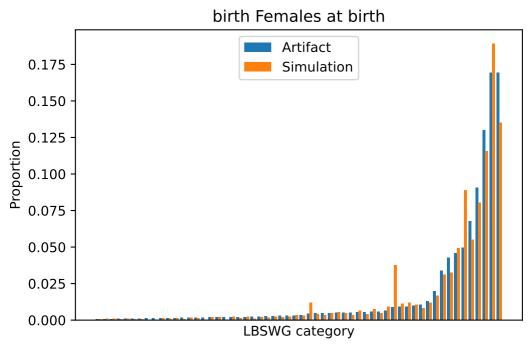
-161.6e+0

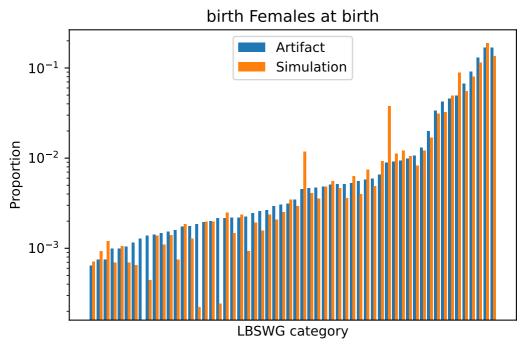
- 40

- 20

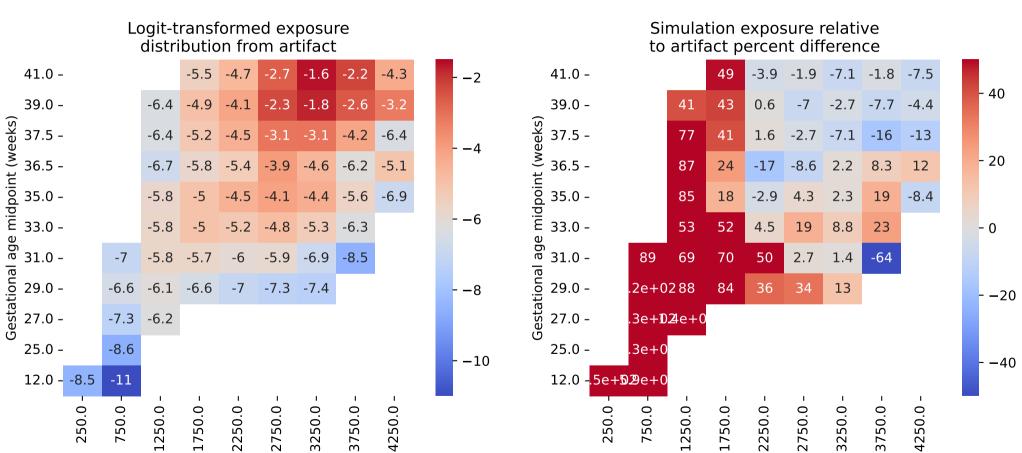
- 0

-20



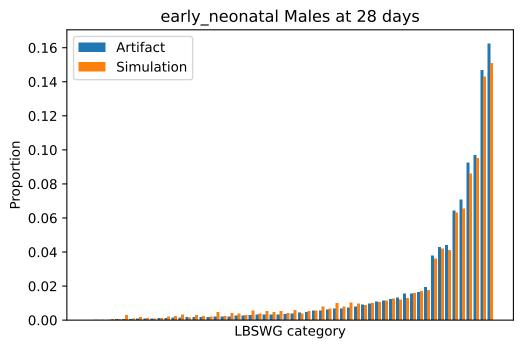


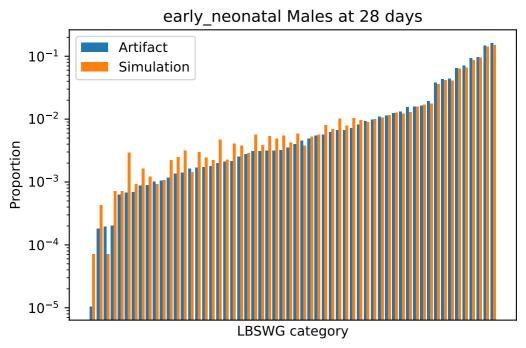
Birthweight midpoint (g)

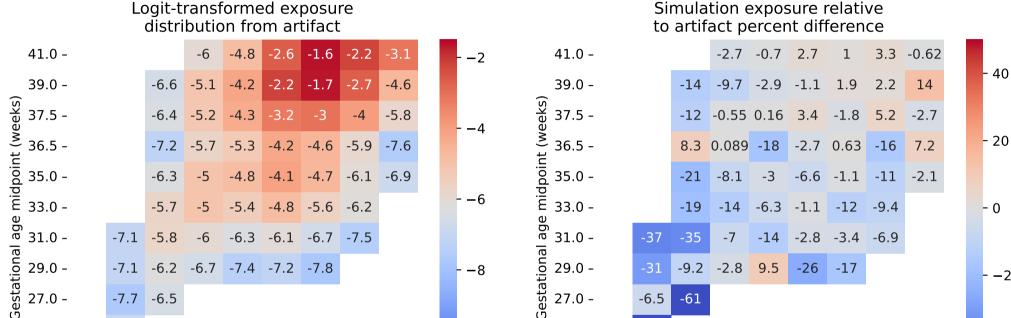


Birthweight midpoint (g)

early neonatal Males at 28 days







-8

-10

31.0 -

29.0 -

27.0 -

25.0 -

12.0 -1e+0-1e+02

-31

-6.5

-53

-61

250.0

-2.8

9.5

2250.0

Birthweight midpoint (g)

**-14** -2.8 -3.4

-26 -17

3750.0

-20

-40

late neonatal Males at 28 days

31.0 -29.0 -27.0 -

25.0 -

12.0 - -11

-5.8

-6.5

1250.0

-7.7

-6.9

-11

50.0

-6.3

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

Birthweight midpoint (g)

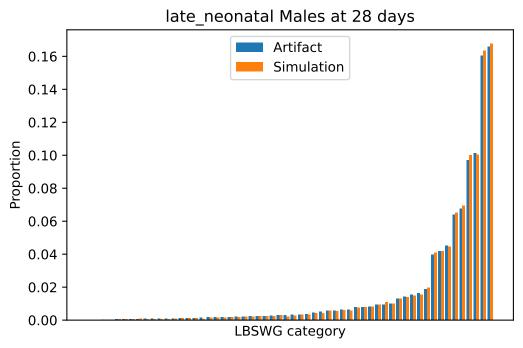
-6.1

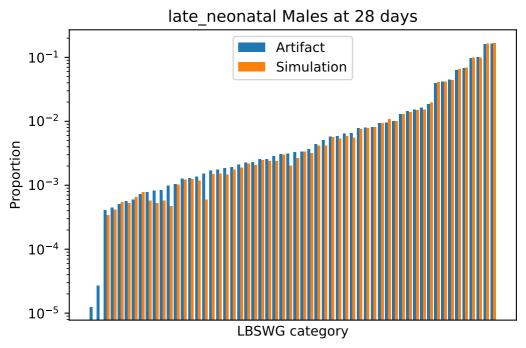
2750.0

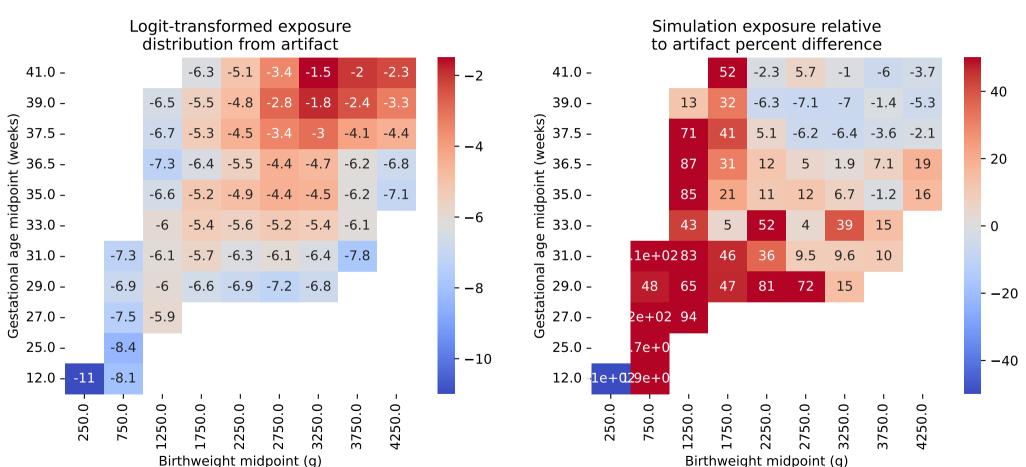
-6.7 -7.5

3750.0

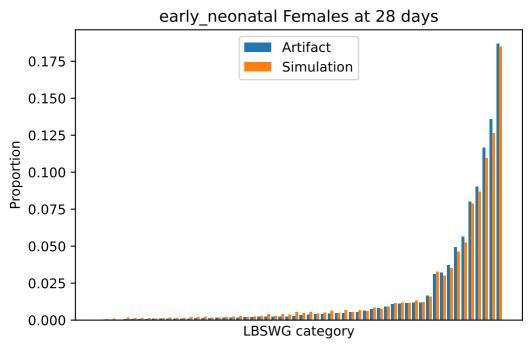
4250.0

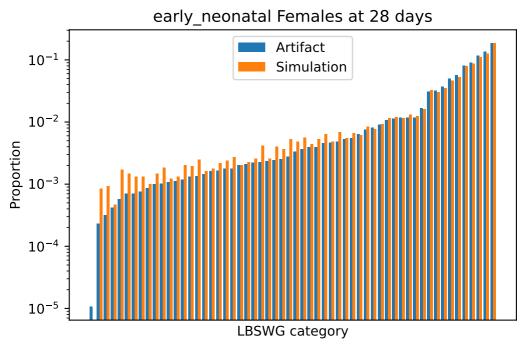






early neonatal Females at 28 days





-4.8

-6.2 -5.7

distribution from artifact 41.0 -

-5.5

-6.2 -5.4 -5.1

-5.9

-6.2

250.0

-7.7

-7.5

-7.6

50.0

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 - -11

Sestational age midpoint (weeks)

-6.4 -5.3 -1.7 -1.9 -5.8 -4.8 -2.5 -2.1 -1.9

-4.4

2750.0

Birthweight midpoint (g)

<del>-6.1 -6.2 -6.5 -8.1</del>

-6.2 -5.6 -5.6 -5.3 -5.2 -5.5

-6.8 -7.4 -7.4 -7.8

-2.9 -4.1 -5.5

-6.6

4250.0

3750.0

-4.9 -5.1 -5.8

-4.9 -6.3

late neonatal Females at 28 days

41.0 -

39.0 -

37.5 -

36.5 -

35.0 -

33.0 -

31.0 -

29.0 -

27.0 -

25.0 -

12.0 -1e+02 -89

midpoint (weeks)

-8

-10

Simulation exposure relative

to artifact percent difference

-33

-13

-7.7

-15

1250.0

-13

-32

-10

-18 -0.027 0.9

-4.8 -2.4 -1.2

1.5

-5.2

-7.2

 $-2.8 \quad 0.26$ 

0.27

-9.4 -3.5

-20

6.9

2250.0

Birthweight midpoint (g)

1.2

9.5

-74

3750.0

1.5 0.52

-1.5

8.1

-2.9

- 40

- 20

- 0

-20

