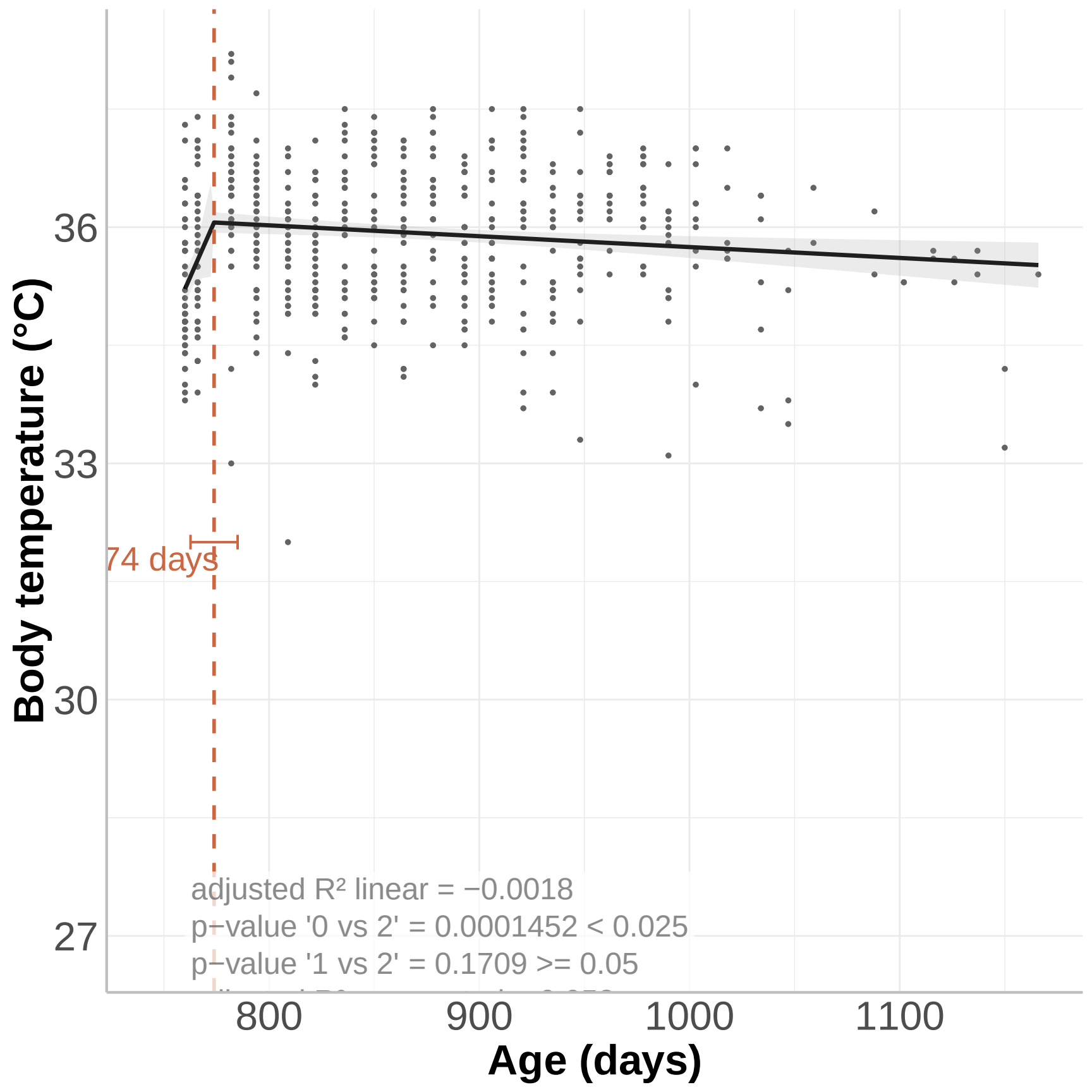
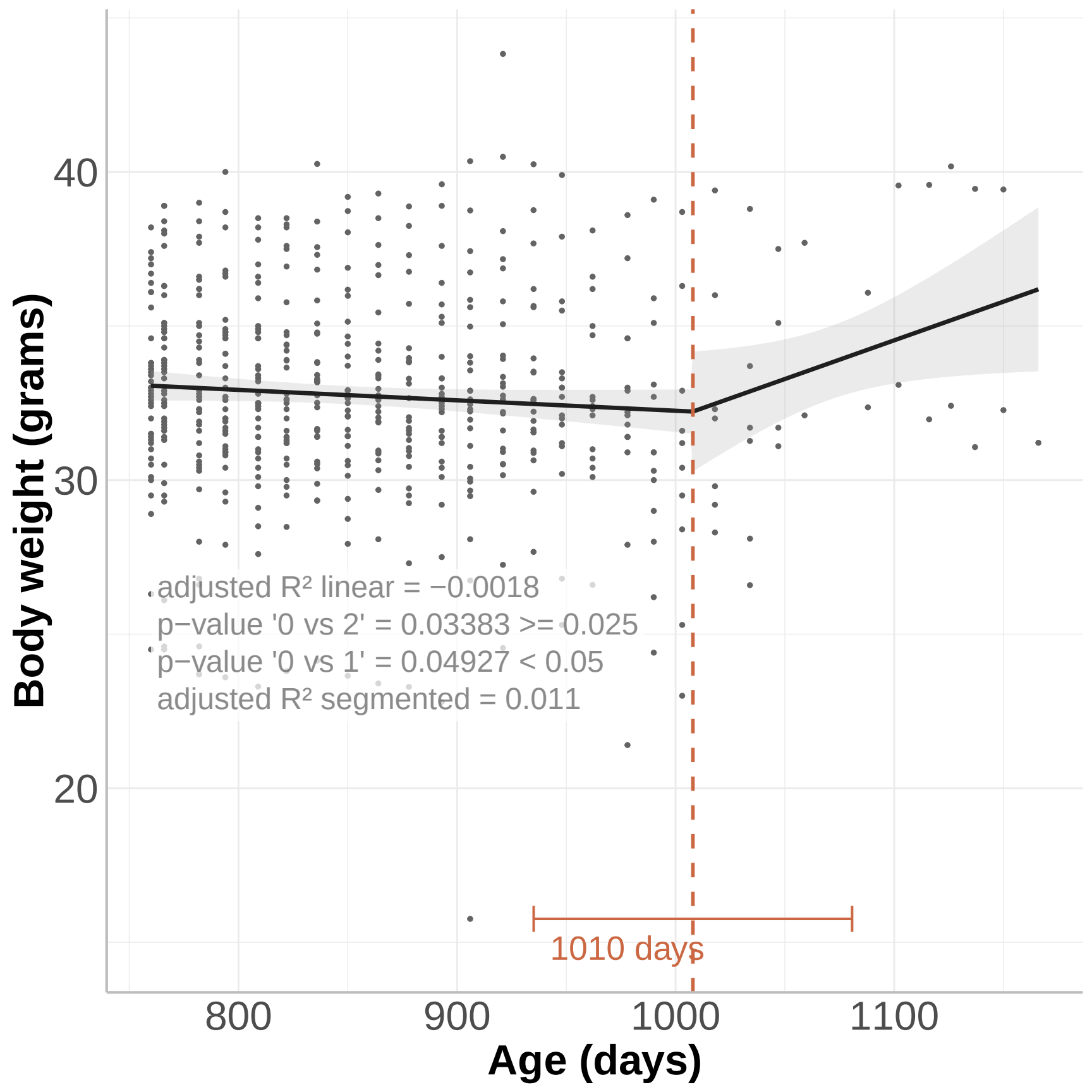
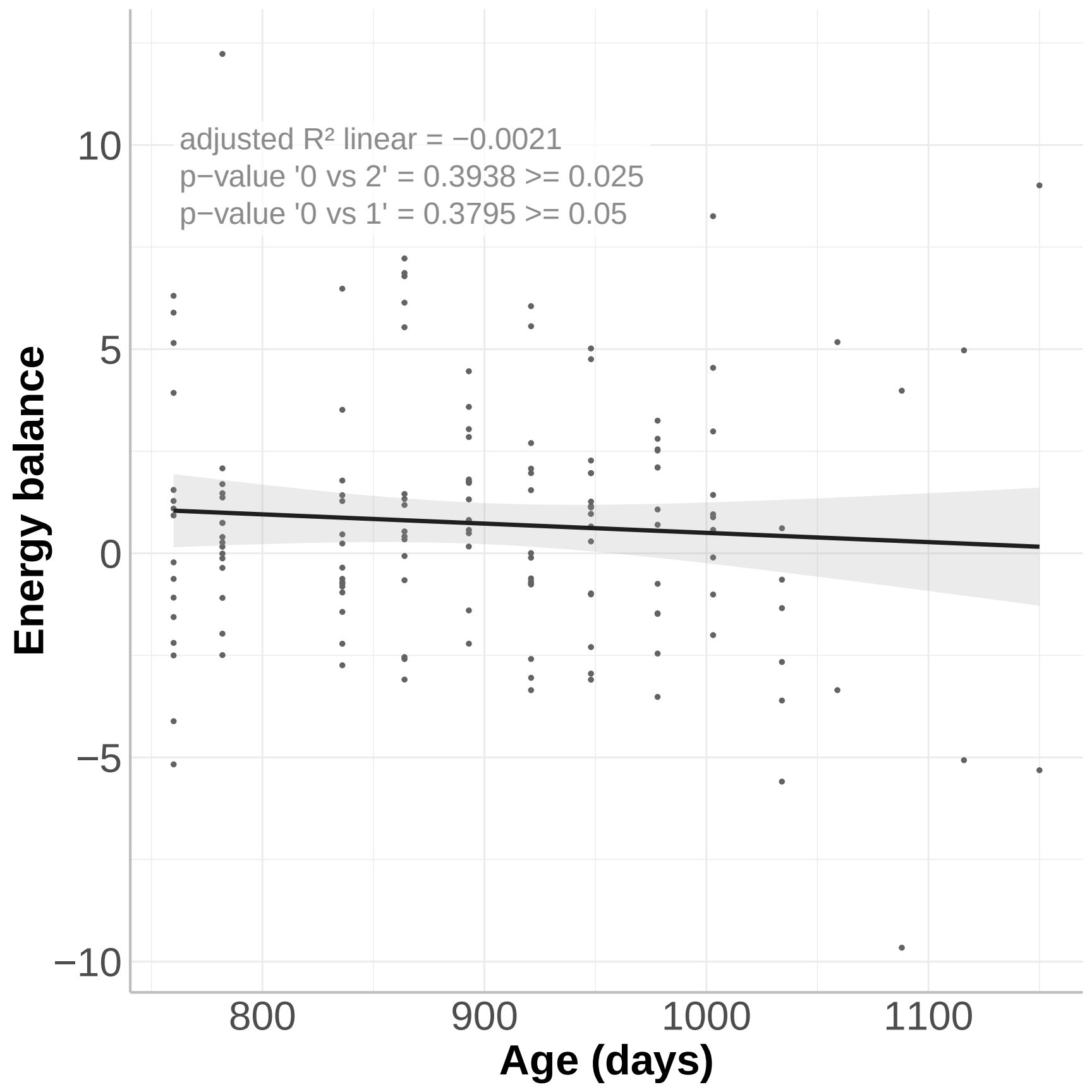
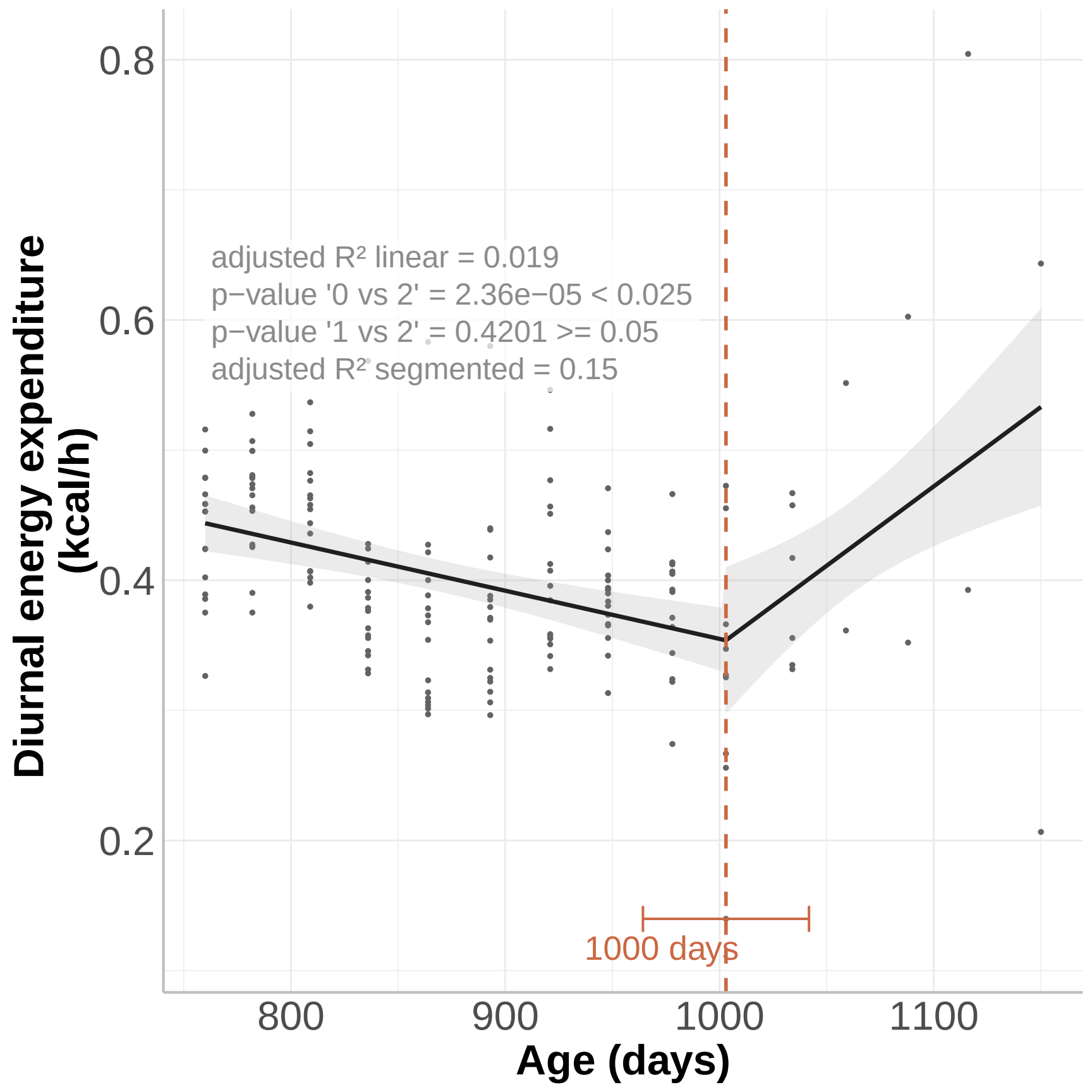
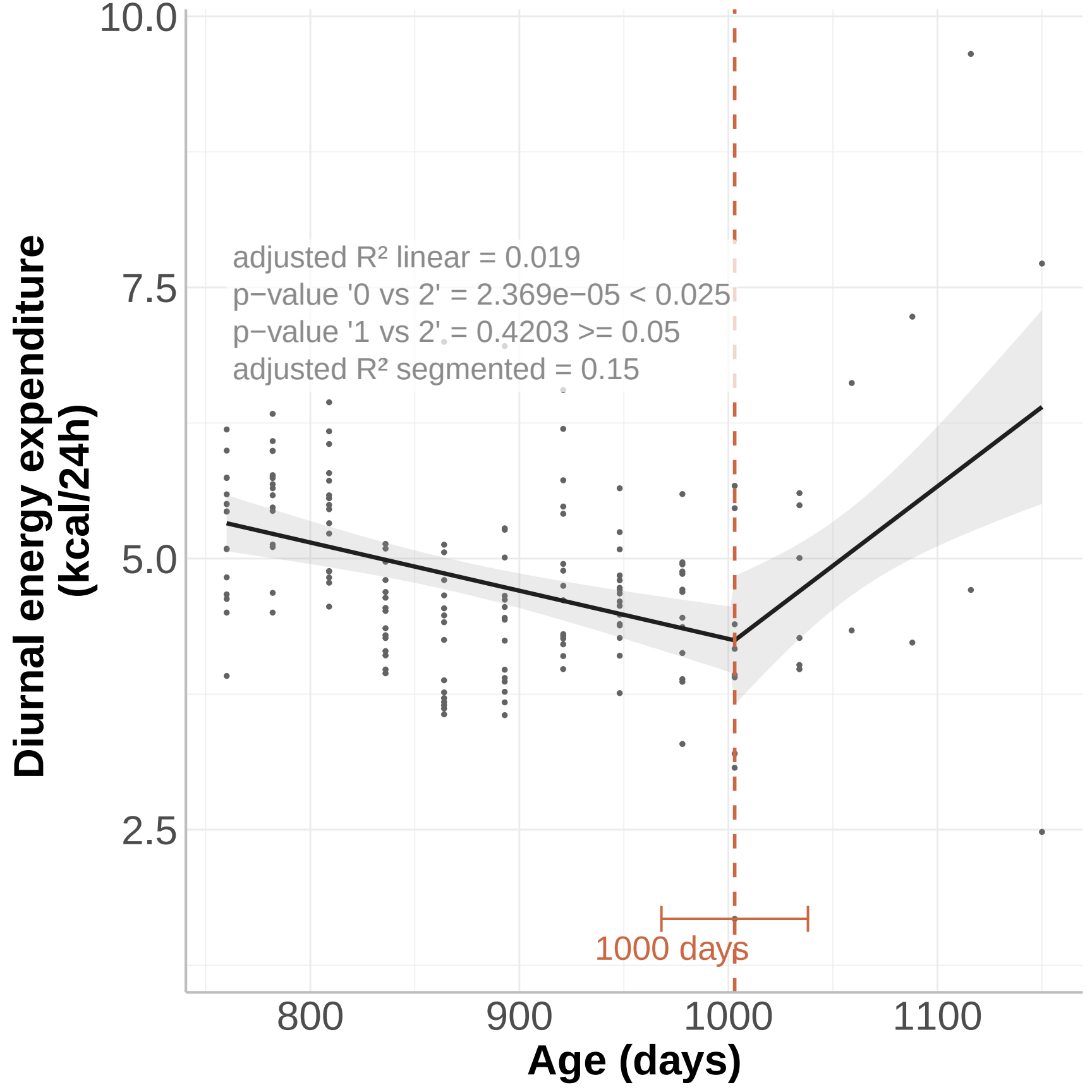
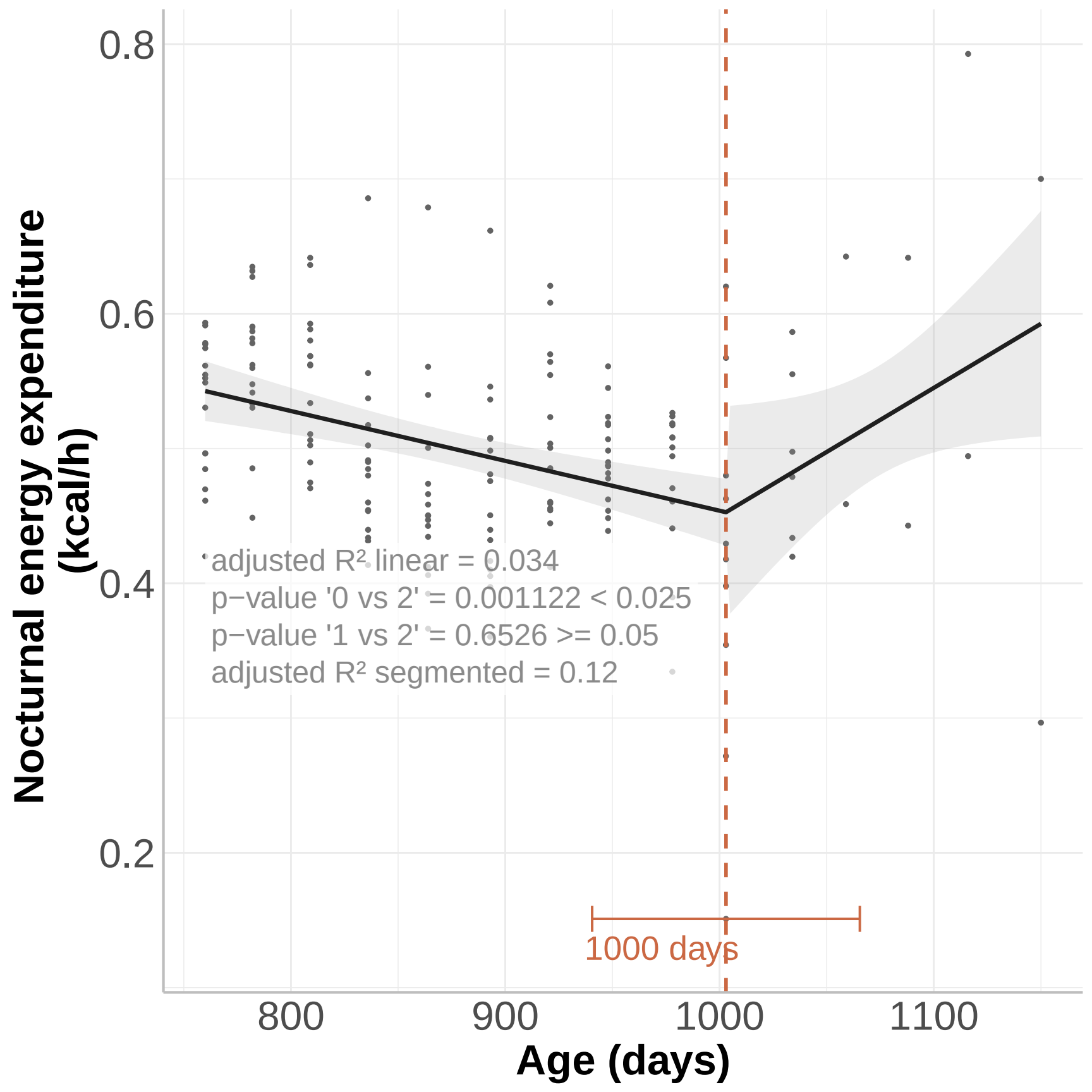

Body temperature (°C)
36
33
30
27
74 days
adjusted R² linear = −0.0018
p−value '0 vs 2' = 0.0001452 < 0.025
p−value '1 vs 2' = 0.1709 >= 0.05
800
900
1000
1100
Age (days)

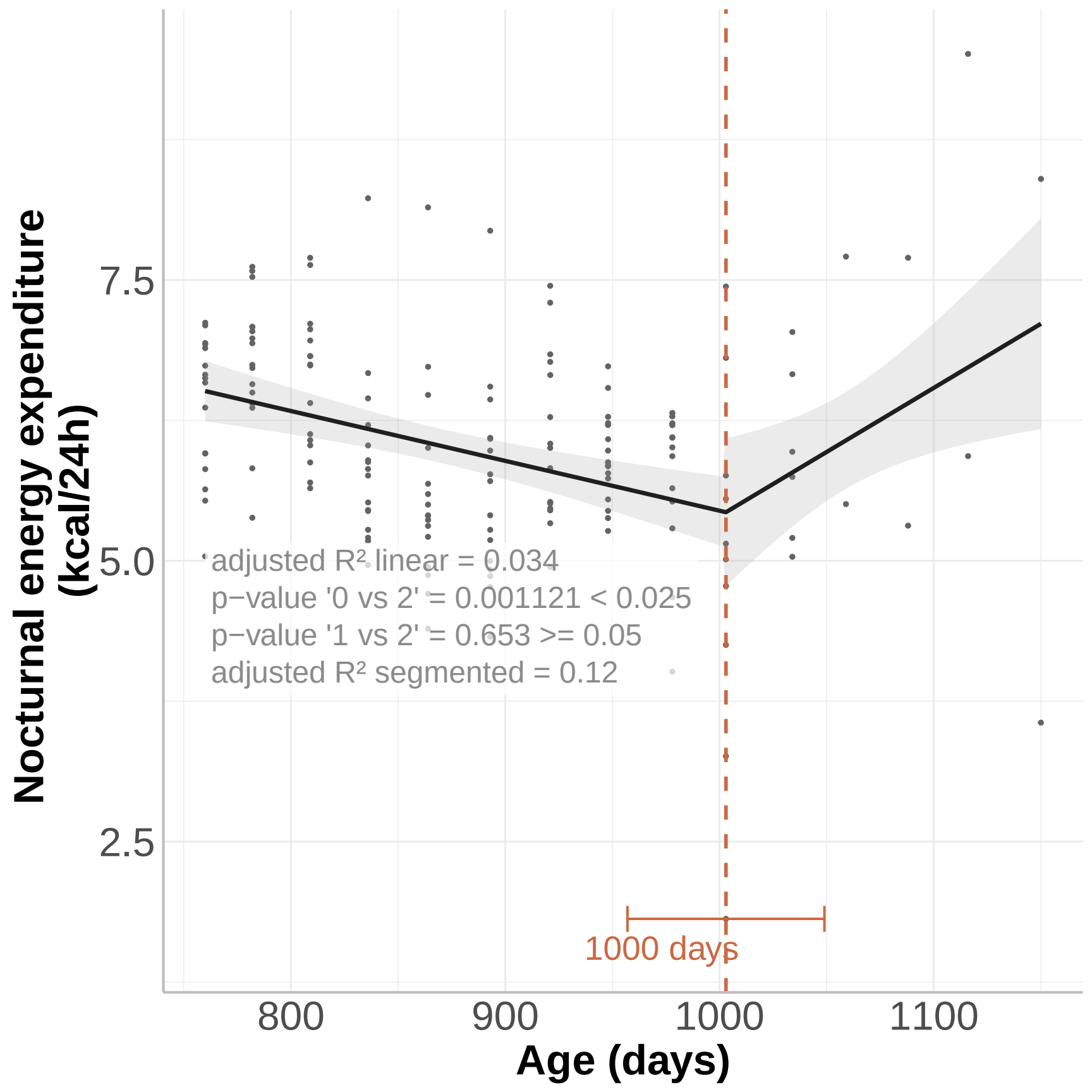

Body weight (grams)
40
30
20
adjusted R² linear = −0.0018
p−value '0 vs 2' = 0.03383 >= 0.025
p−value '0 vs 1' = 0.04927 < 0.05
adjusted R² segmented = 0.011
1010 days
800
900
1000
1100
Age (days)

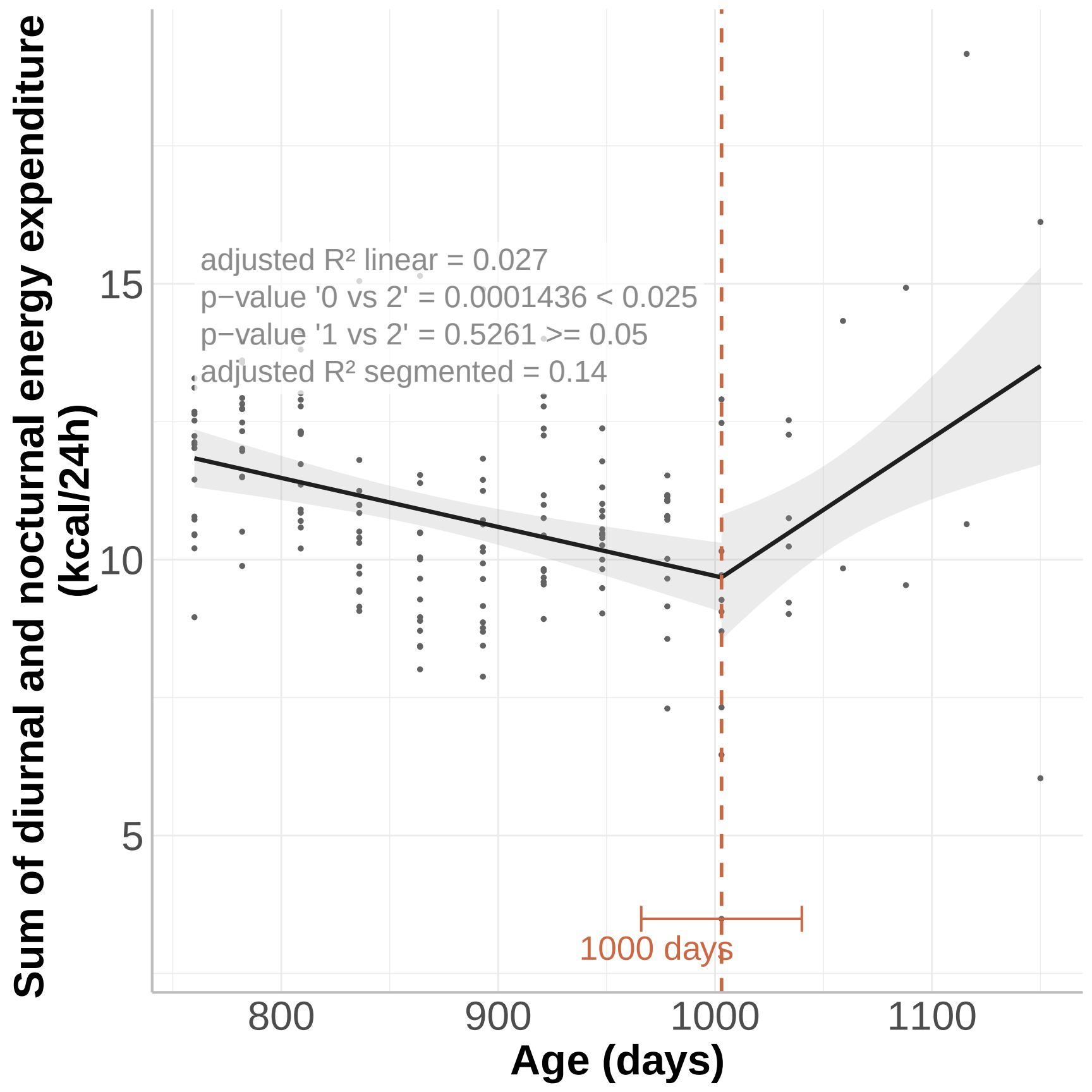

adjusted R² linear = −0.0021
p−value '0 vs 2' = 0.3938 >= 0.025
p−value '0 vs 1' = 0.3795 >= 0.05
Energy balance
10
5
0
−5
−10
800
900
1000
1100
Age (days)

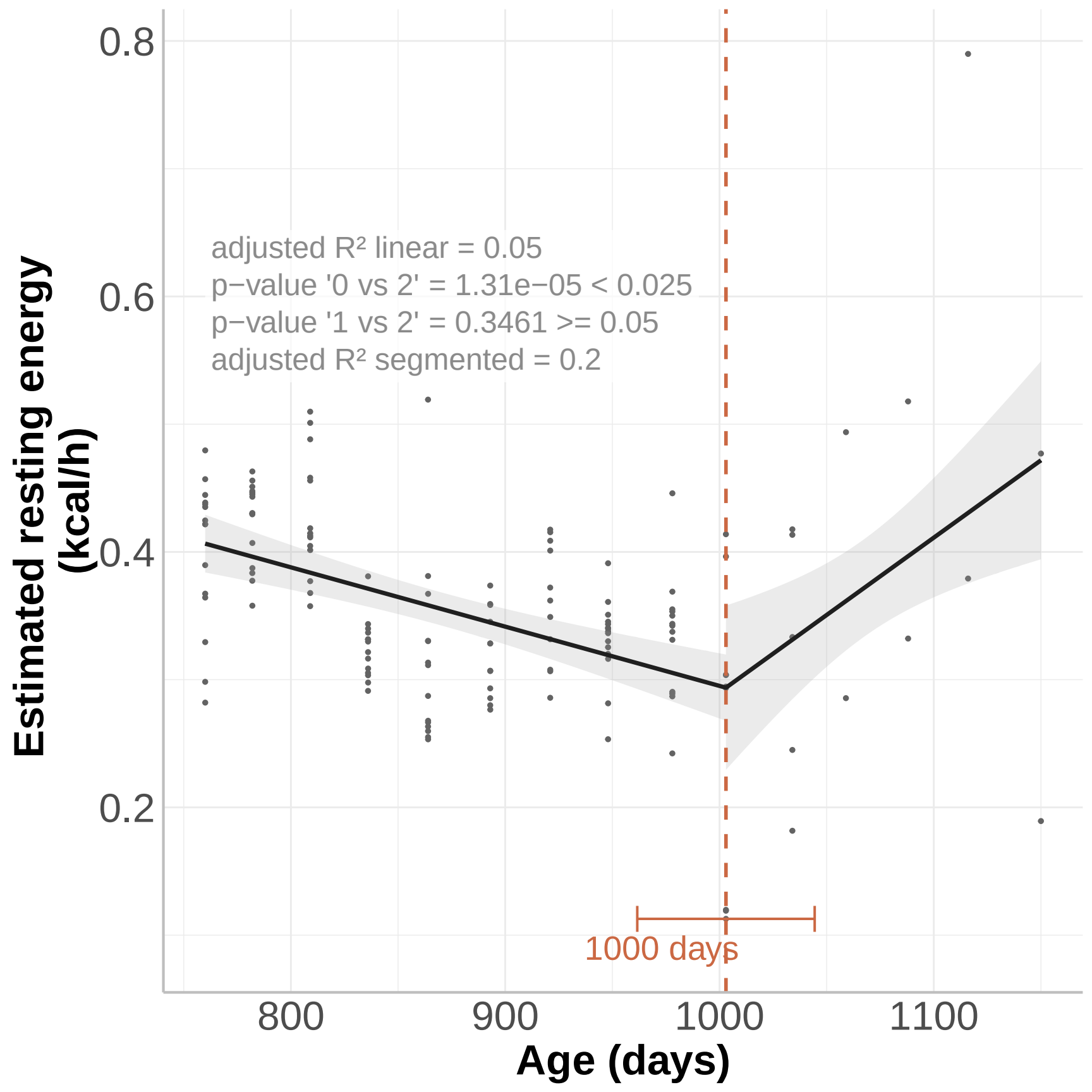

adjusted R² linear = 0.019
p−value '0 vs 2' = 2.36e−05 < 0.025
p−value '1 vs 2' = 0.4201 >= 0.05
adjusted R² segmented = 0.15
1000 days
Diurnal energy expenditure (kcal/h)
0.8
0.6
0.4
0.2
800
900
1000
1100
Age (days)

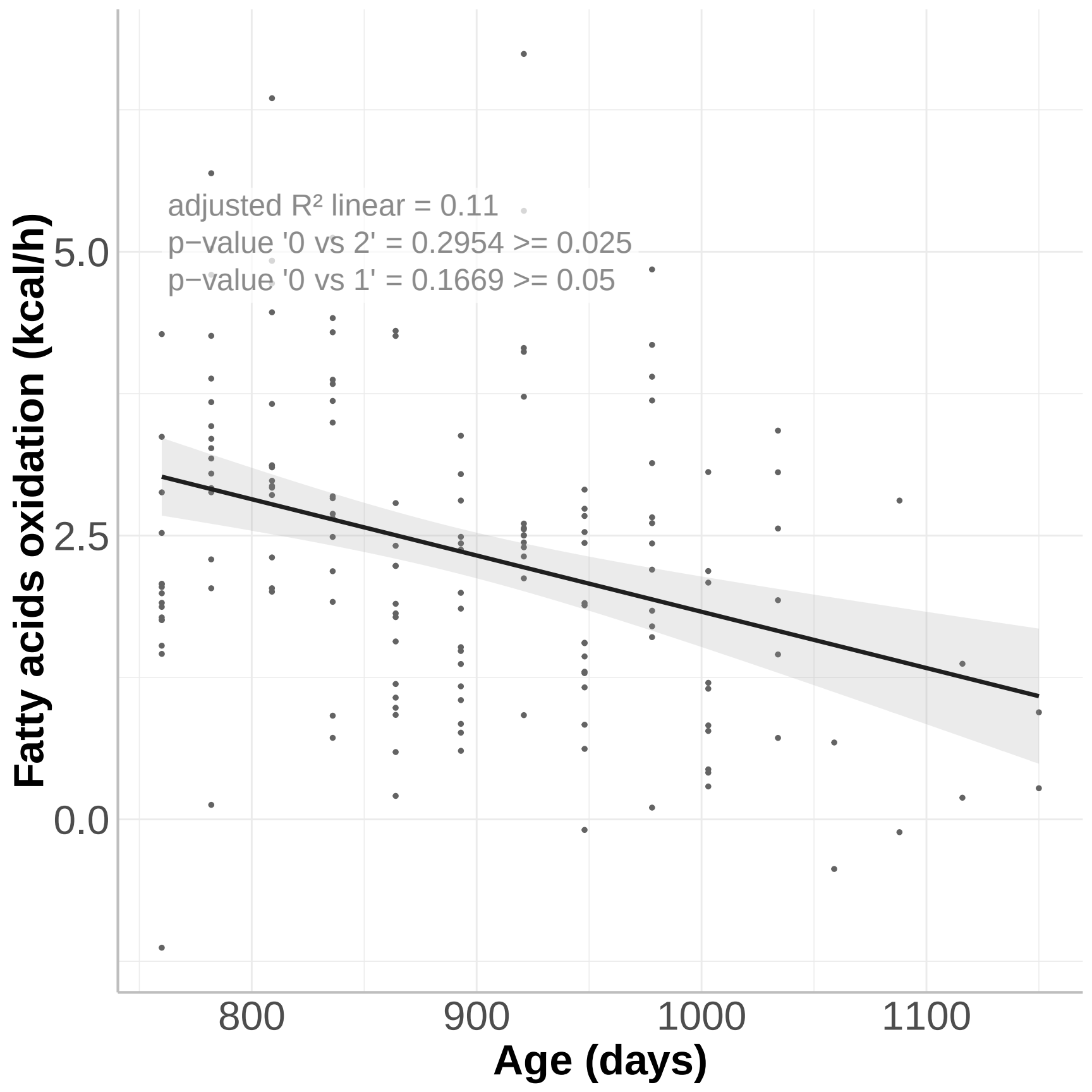

adjusted R² linear = 0.019
p−value '0 vs 2' = 2.369e−05 < 0.025
p−value '1 vs 2' = 0.4203 >= 0.05
adjusted R² segmented = 0.15
1000 days
Diurnal energy expenditure (kcal/24h)
10.0
7.5
5.0
2.5
800
900
1000
1100
Age (days)

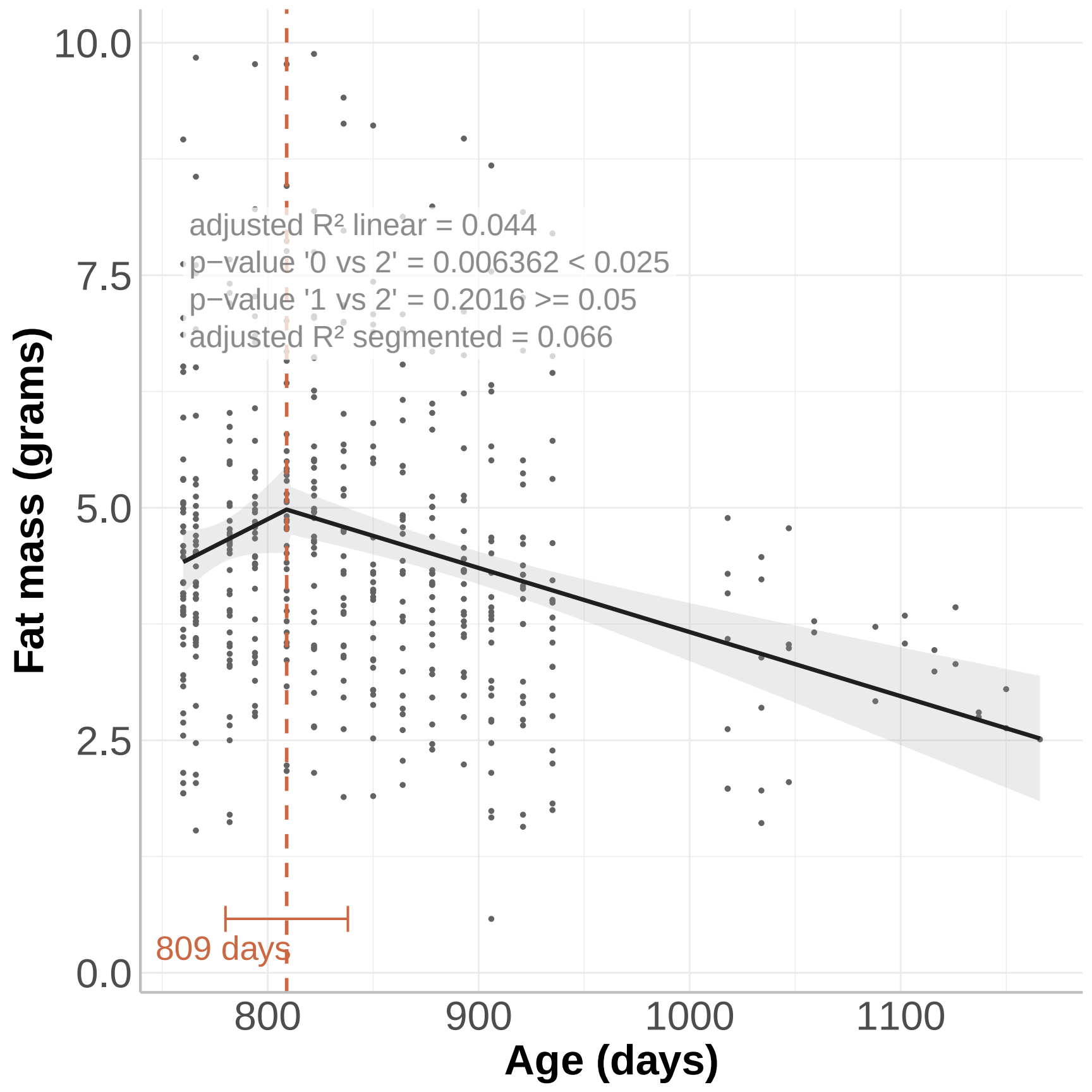

Nocturnal energy expenditure (kcal/h)
0.8
0.6
0.4
0.2
adjusted R² linear = 0.034
p−value '0 vs 2' = 0.001122 < 0.025
p−value '1 vs 2' = 0.6526 >= 0.05
adjusted R² segmented = 0.12
1000 days
800
900
1000
1100
Age (days)

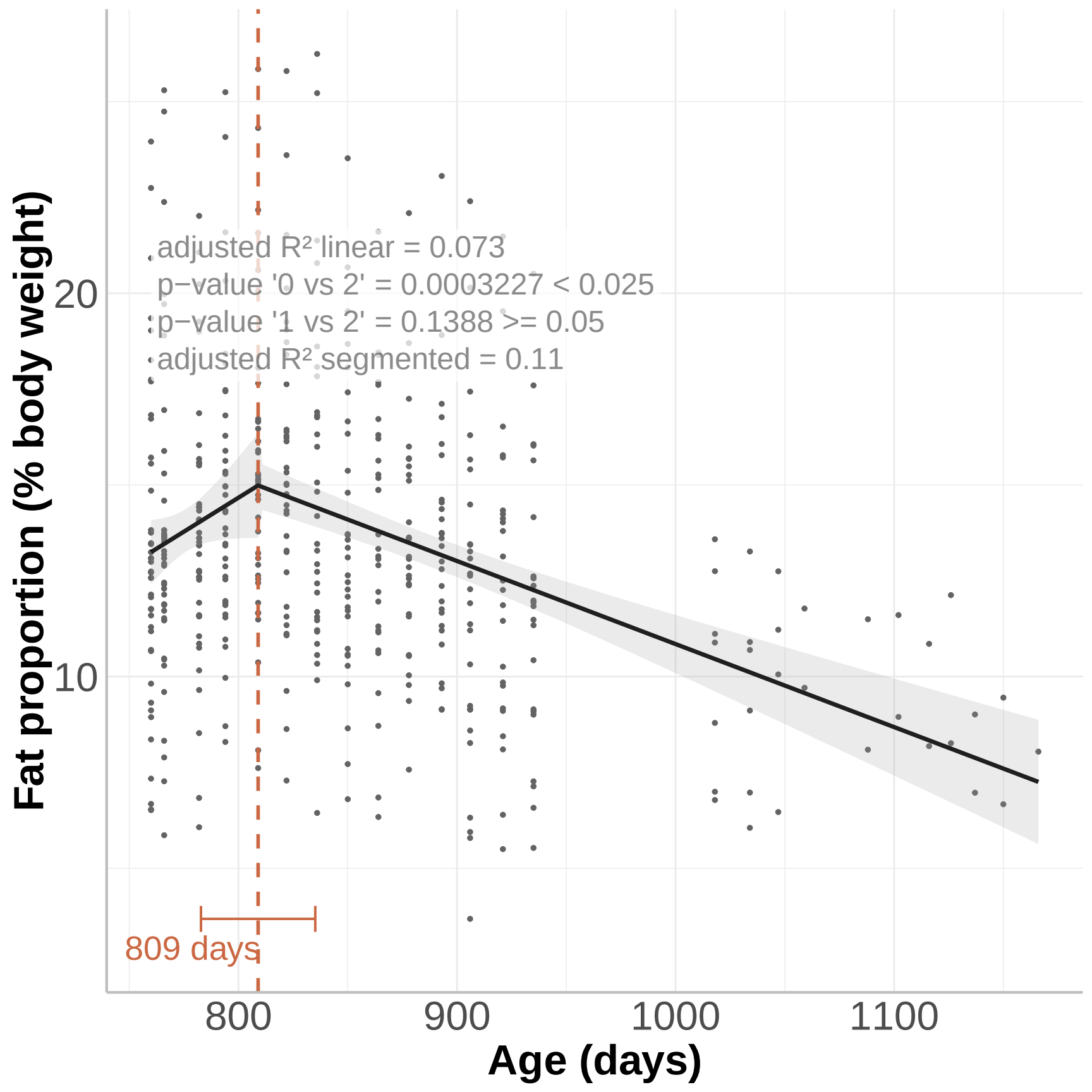

Nocturnal energy expenditure (kcal/24h)
7.5
5.0
2.5
adjusted R² linear = 0.034
p−value '0 vs 2' = 0.001121 < 0.025
p−value '1 vs 2' = 0.653 >= 0.05
adjusted R² segmented = 0.12
1000 days
800
900
1000
1100
Age (days)

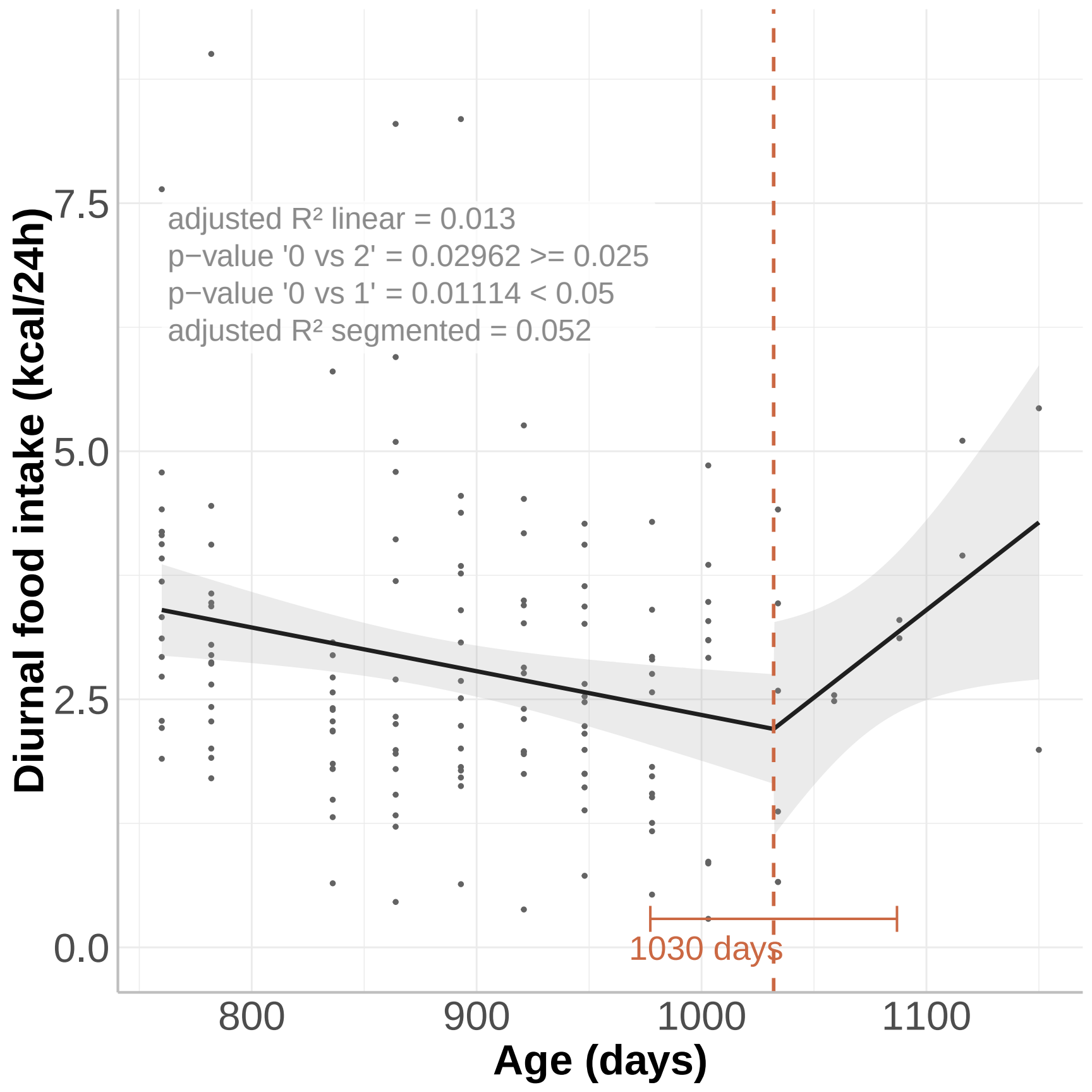

adjusted R² linear = 0.027
p−value '0 vs 2' = 0.0001436 < 0.025
p−value '1 vs 2' = 0.5261 >= 0.05
adjusted R² segmented = 0.14
1000 days
Sum of diurnal and nocturnal energy expenditure (kcal/24h)
15
10
5
800
900
1000
1100
Age (days)

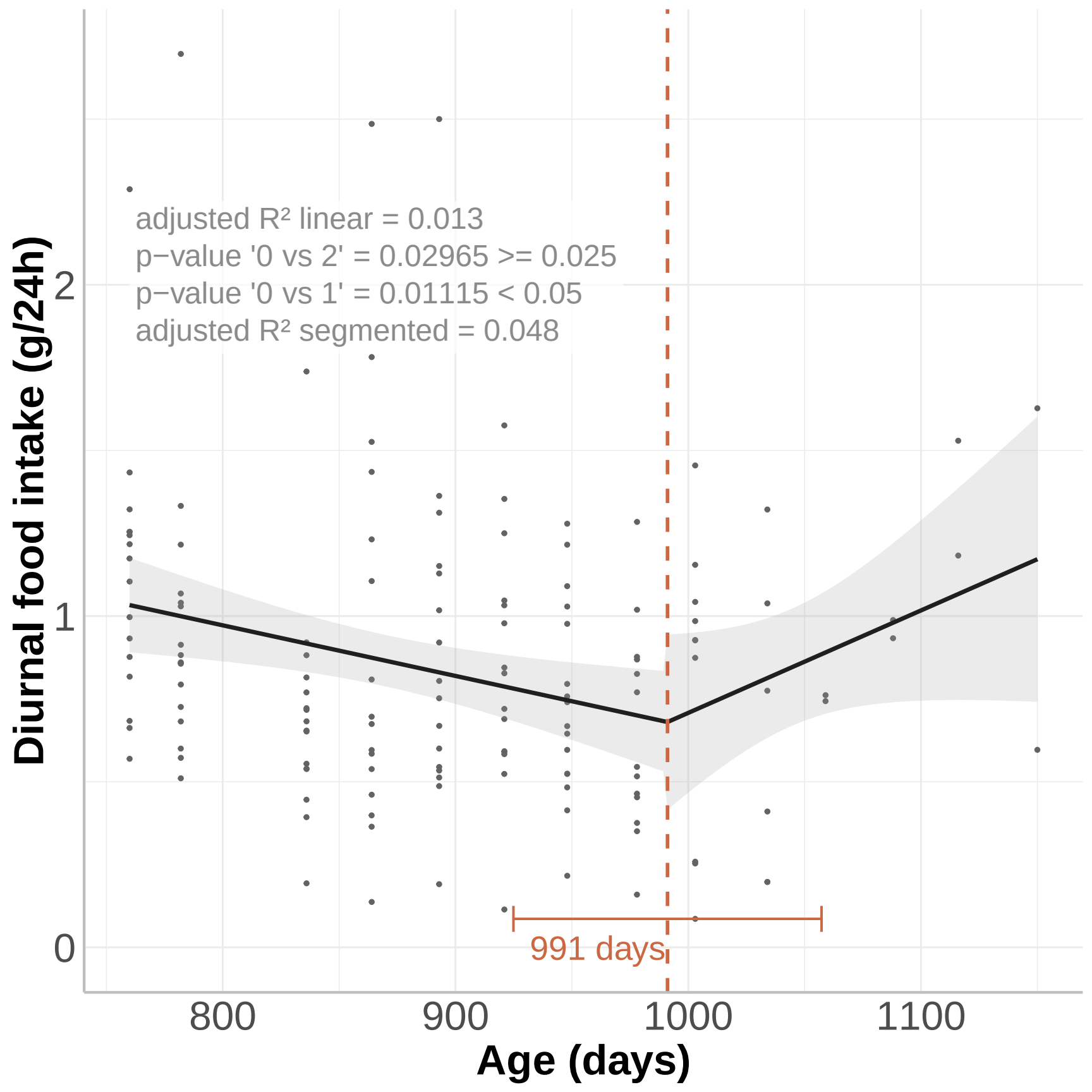

adjusted R² linear = 0.05
p−value '0 vs 2' = 1.31e−05 < 0.025
p−value '1 vs 2' = 0.3461 >= 0.05
adjusted R² segmented = 0.2
1000 days
Estimated resting energy (kcal/h)
0.8
0.6
0.4
0.2
800
900
1000
1100
Age (days)

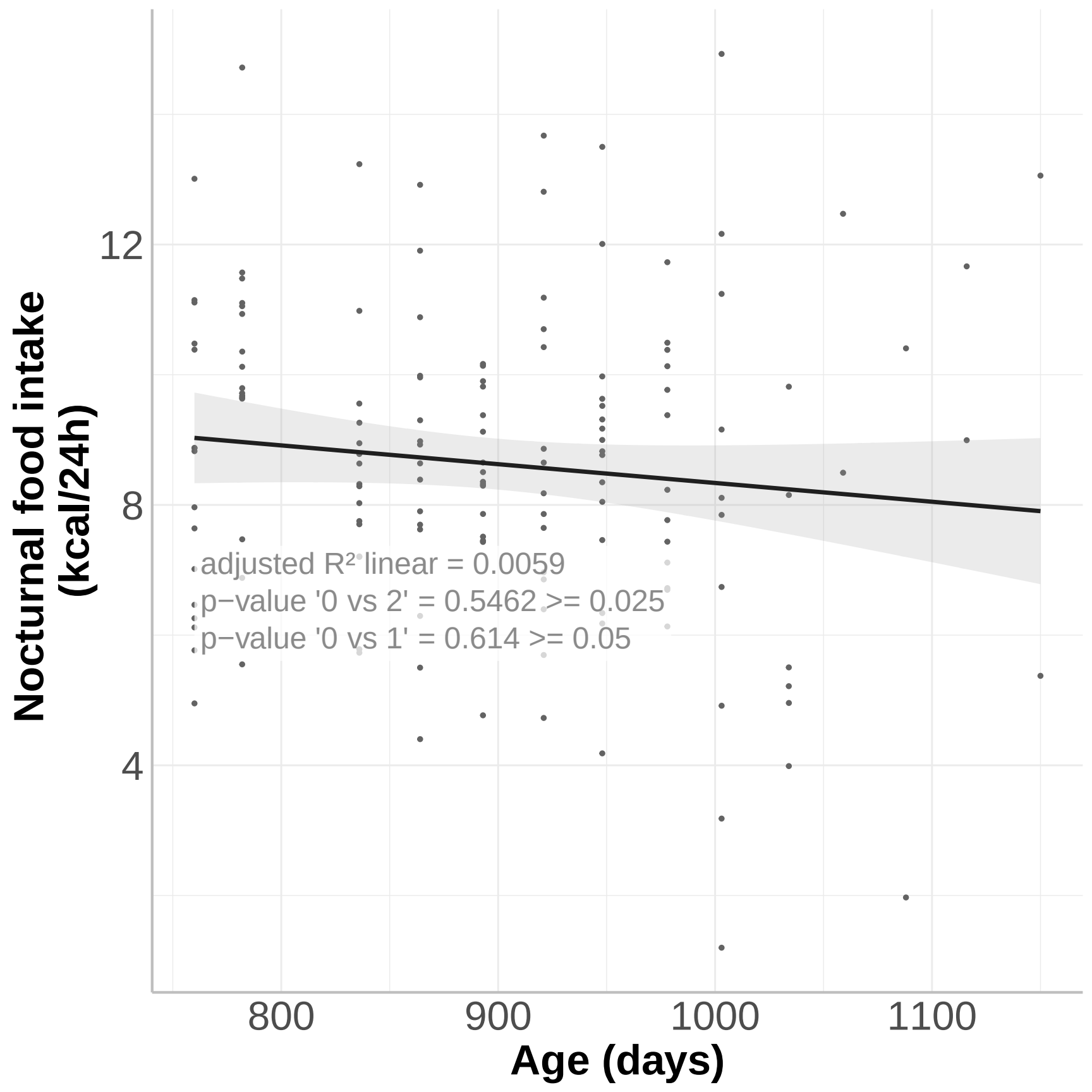

adjusted R² linear = 0.11
p−value '0 vs 2' = 0.2954 >= 0.025
p−value '0 vs 1' = 0.1669 >= 0.05
Fatty acids oxidation (kcal/h)
5.0
2.5
0.0
800
900
1000
1100
Age (days)

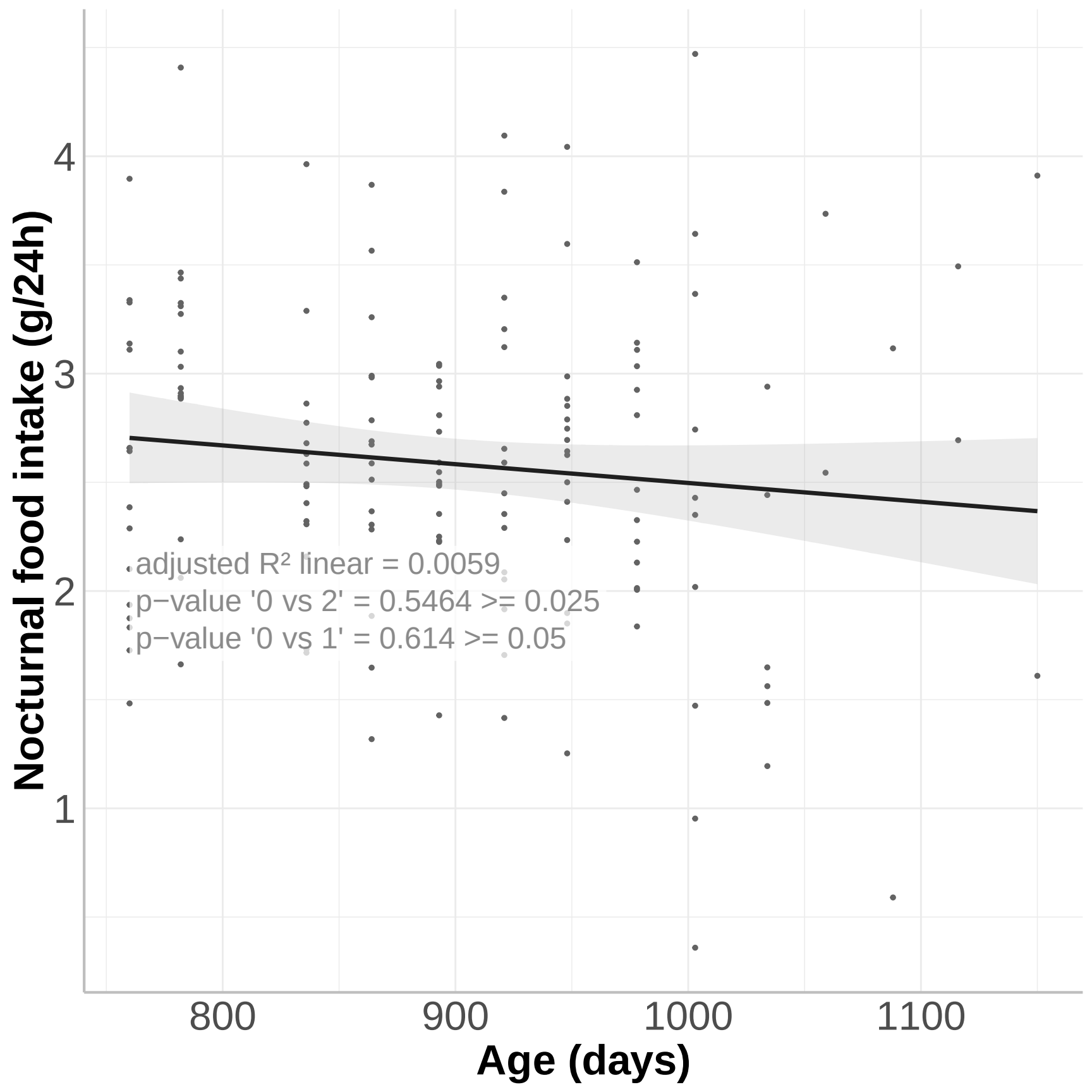

adjusted R² linear = 0.044
p−value '0 vs 2' = 0.006362 < 0.025
p−value '1 vs 2' = 0.2016 >= 0.05
adjusted R² segmented = 0.066
809 days
Fat mass (grams)
Age (days)
10.0
7.5
5.0
2.5
0.0
800
900
1000
1100

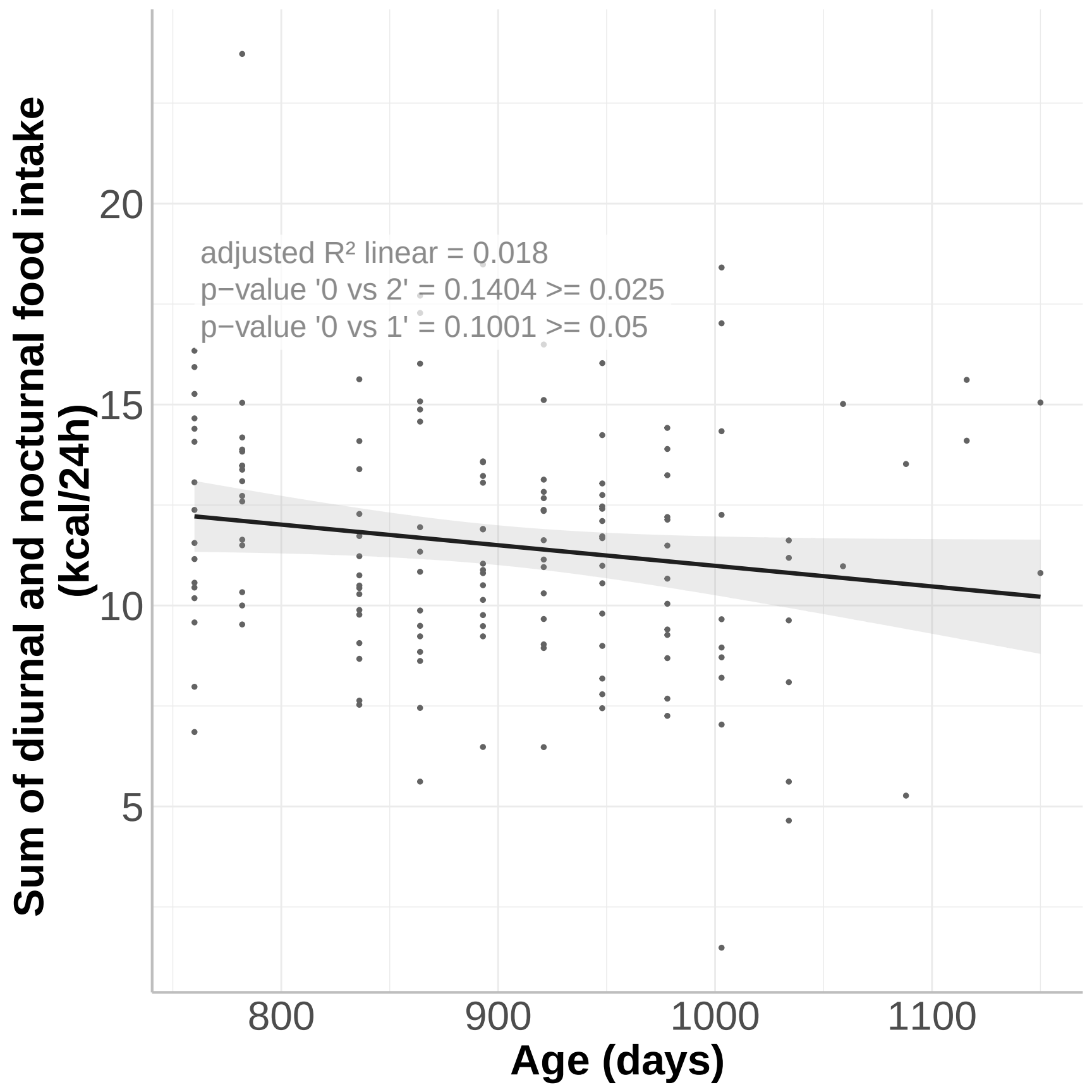

adjusted R² linear = 0.073
p−value '0 vs 2' = 0.0003227 < 0.025
p−value '1 vs 2' = 0.1388 >= 0.05
adjusted R² segmented = 0.11
809 days
Fat proportion (% body weight)
20
10
800
900
1000
1100
Age (days)

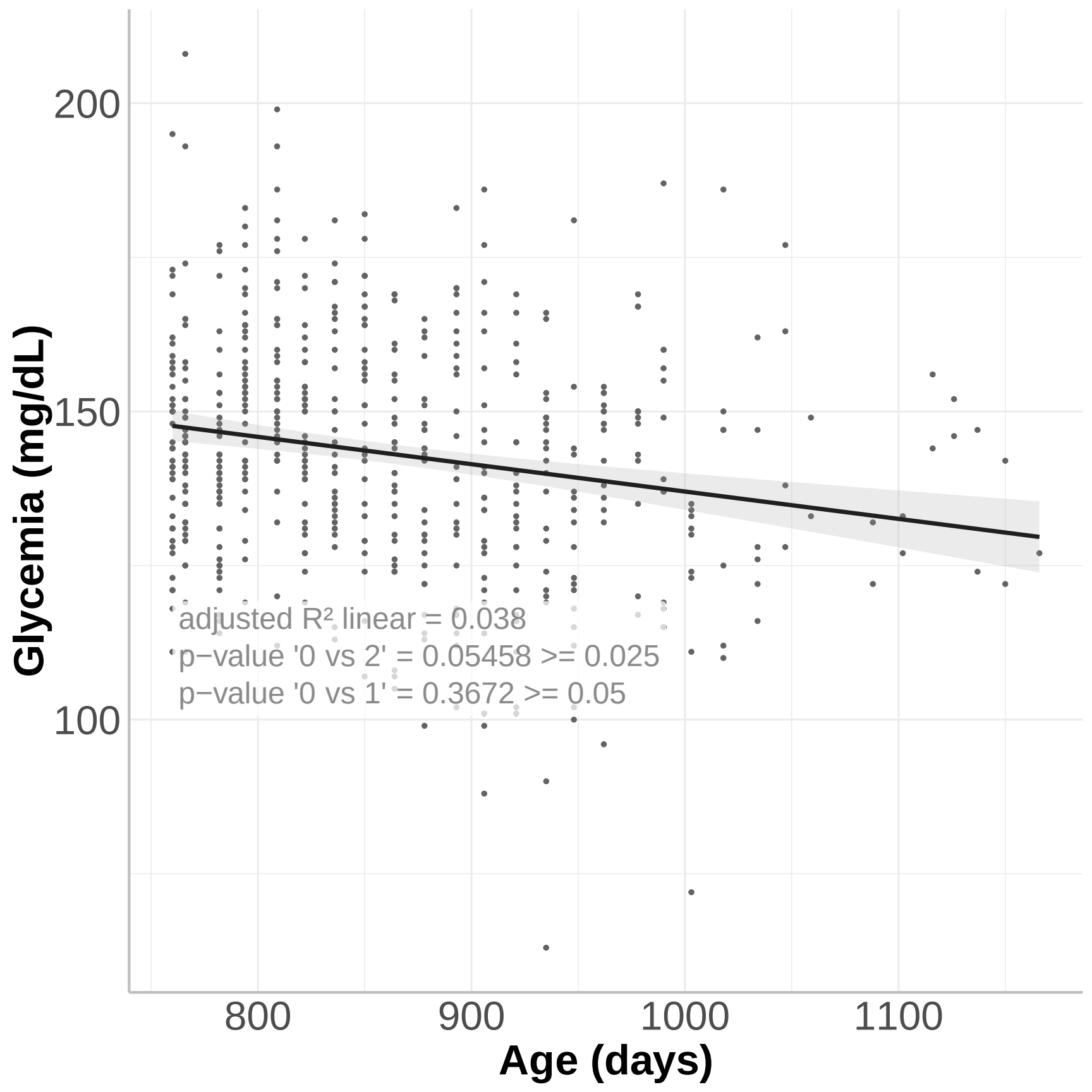

adjusted R² linear = 0.013
p−value '0 vs 2' = 0.02962 >= 0.025
p−value '0 vs 1' = 0.01114 < 0.05
adjusted R² segmented = 0.052
1030 days
Diurnal food intake (kcal/24h)
7.5
5.0
2.5
0.0
800
900
1000
1100
Age (days)

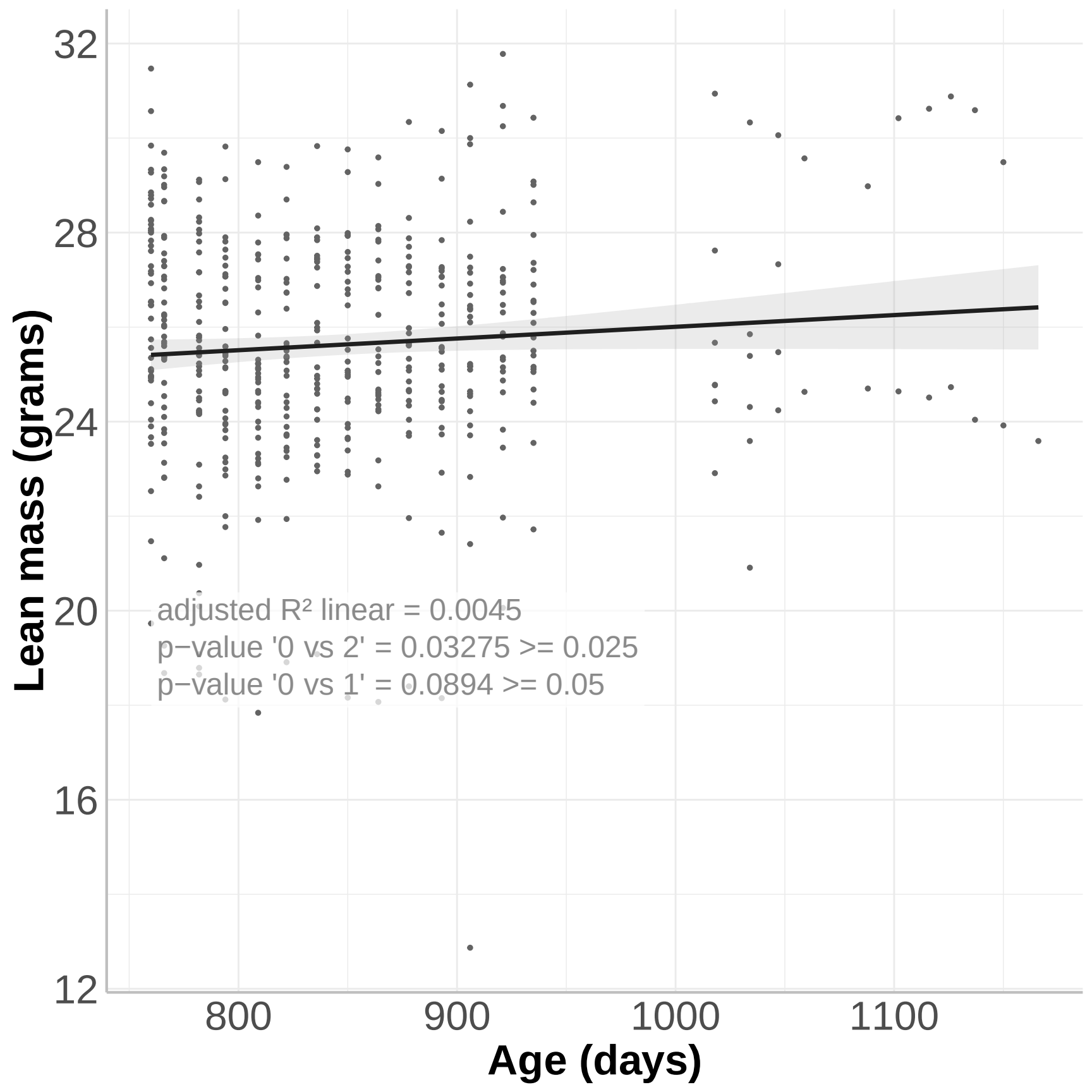

adjusted R² linear = 0.013
p−value '0 vs 2' = 0.02965 >= 0.025
p−value '0 vs 1' = 0.01115 < 0.05
adjusted R² segmented = 0.048
991 days
Diurnal food intake (g/24h)
0
1
2
800
900
1000
1100
Age (days)

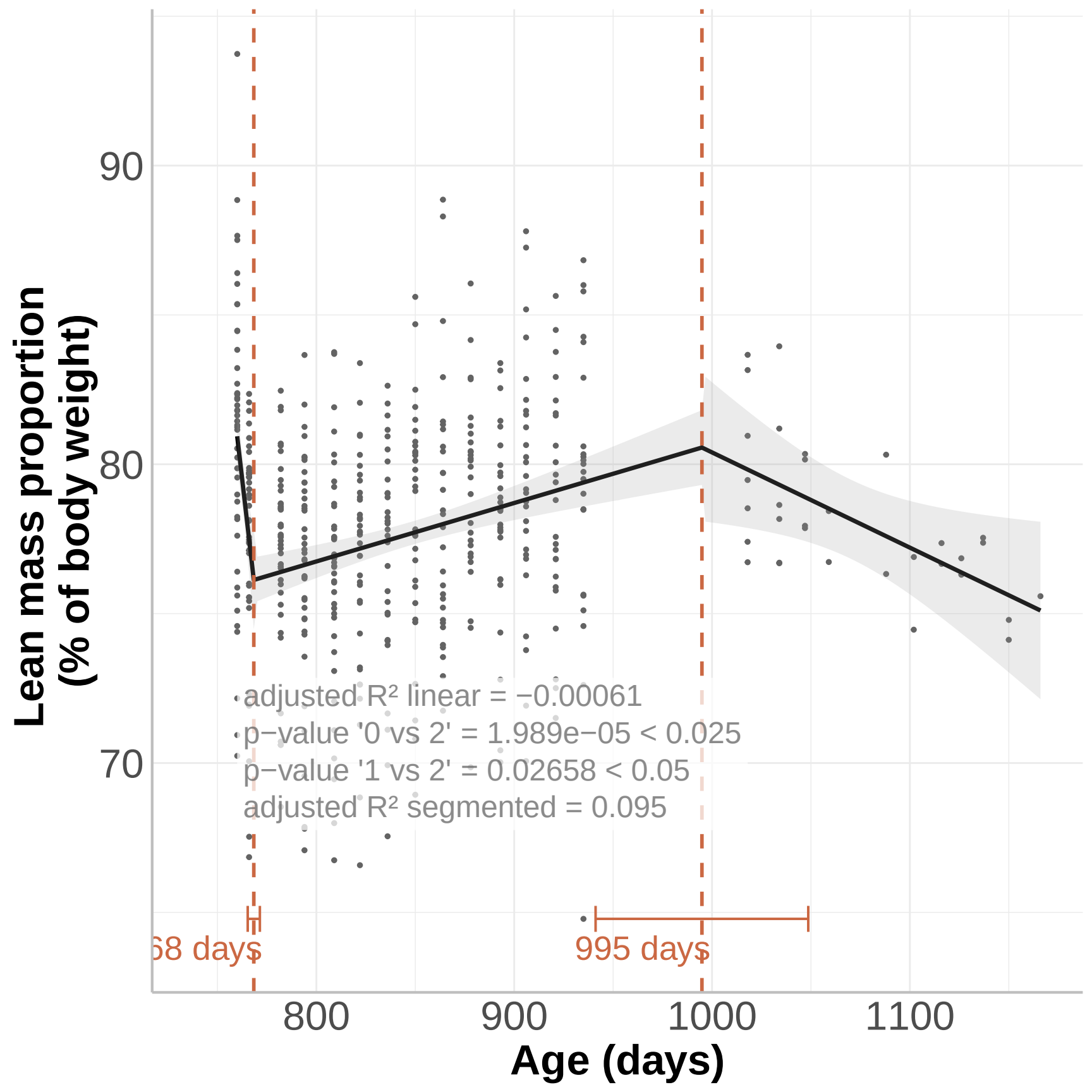

Nocturnal food intake
(kcal/24h)
12
8
4
adjusted R² linear = 0.0059
p−value '0 vs 2' = 0.5462 >= 0.025
p−value '0 vs 1' = 0.614 >= 0.05
800
900
1000
1100
Age (days)

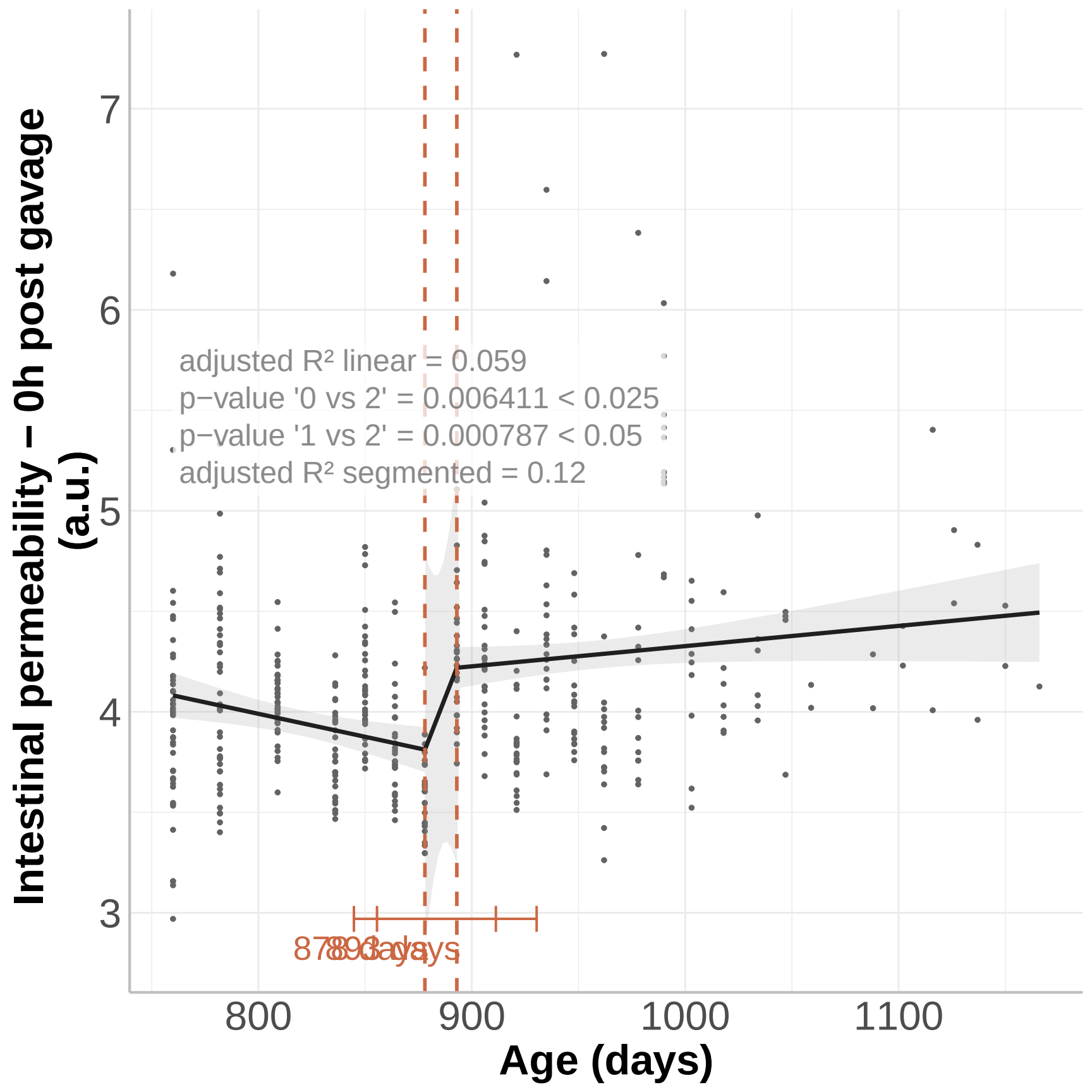

Nocturnal food intake (g/24h)
4
3
2
1
adjusted R² linear = 0.0059
p−value '0 vs 2' = 0.5464 >= 0.025
p−value '0 vs 1' = 0.614 >= 0.05
800
900
1000
1100
Age (days)

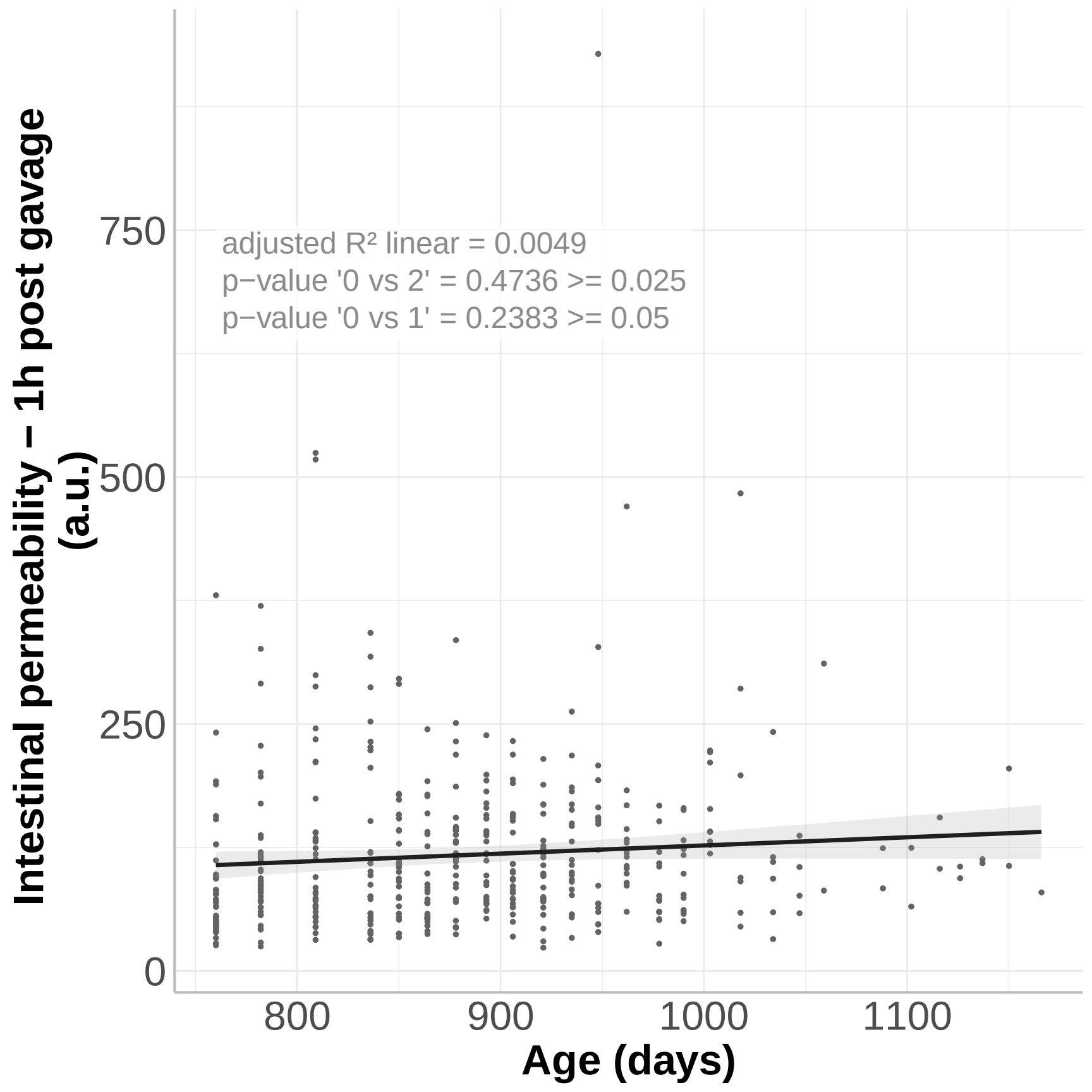

Sum of diurnal and nocturnal food intake (kcal/24h)
20
15
10
5
adjusted R² linear = 0.018
p−value '0 vs 2' = 0.1404 >= 0.025
p−value '0 vs 1' = 0.1001 >= 0.05
800
900
1000
1100
Age (days)

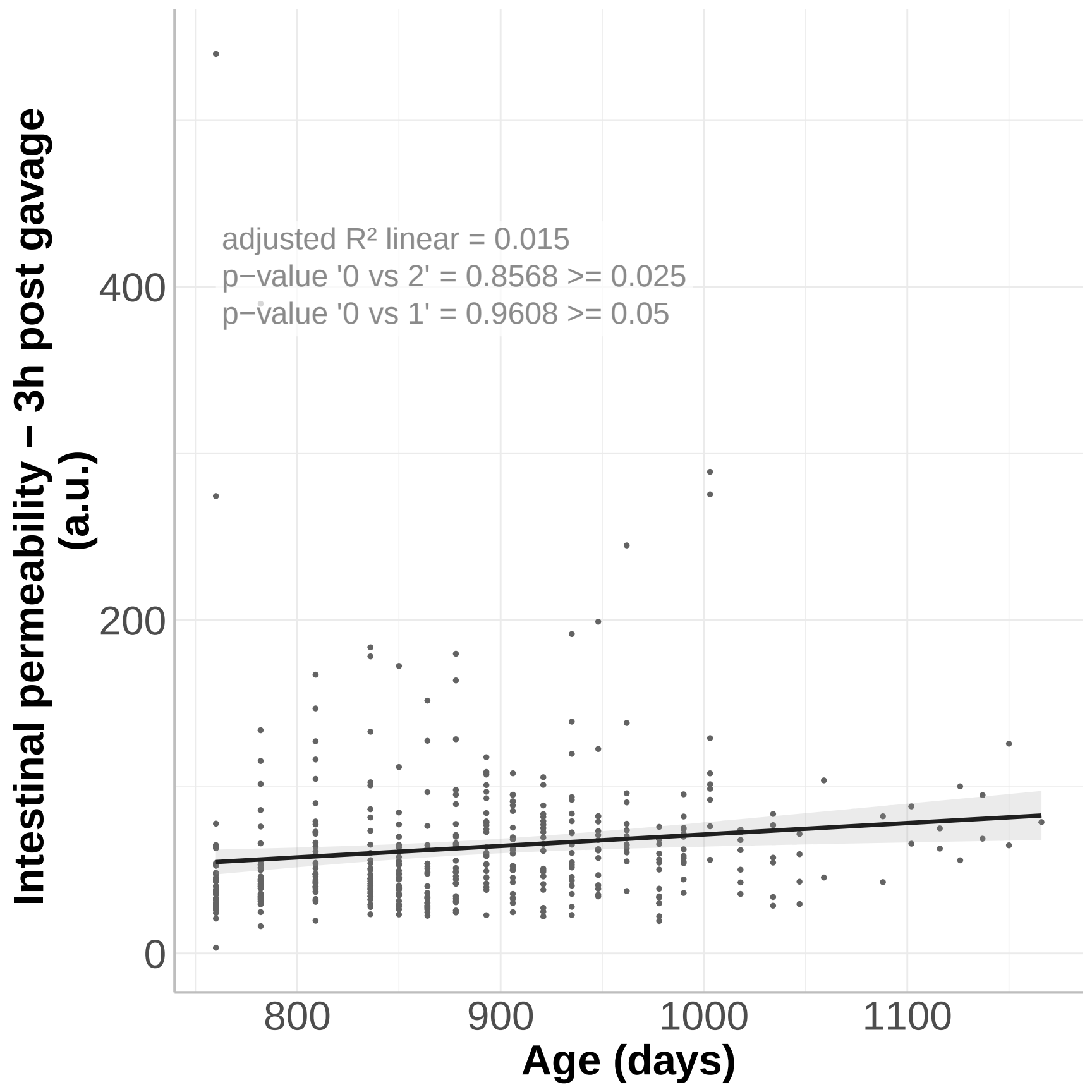

200
150
100
Glycemia (mg/dL)
adjusted R² linear = 0.038
p−value '0 vs 2' = 0.05458 >= 0.025
p−value '0 vs 1' = 0.3672 >= 0.05
800
900
1000
1100
Age (days)

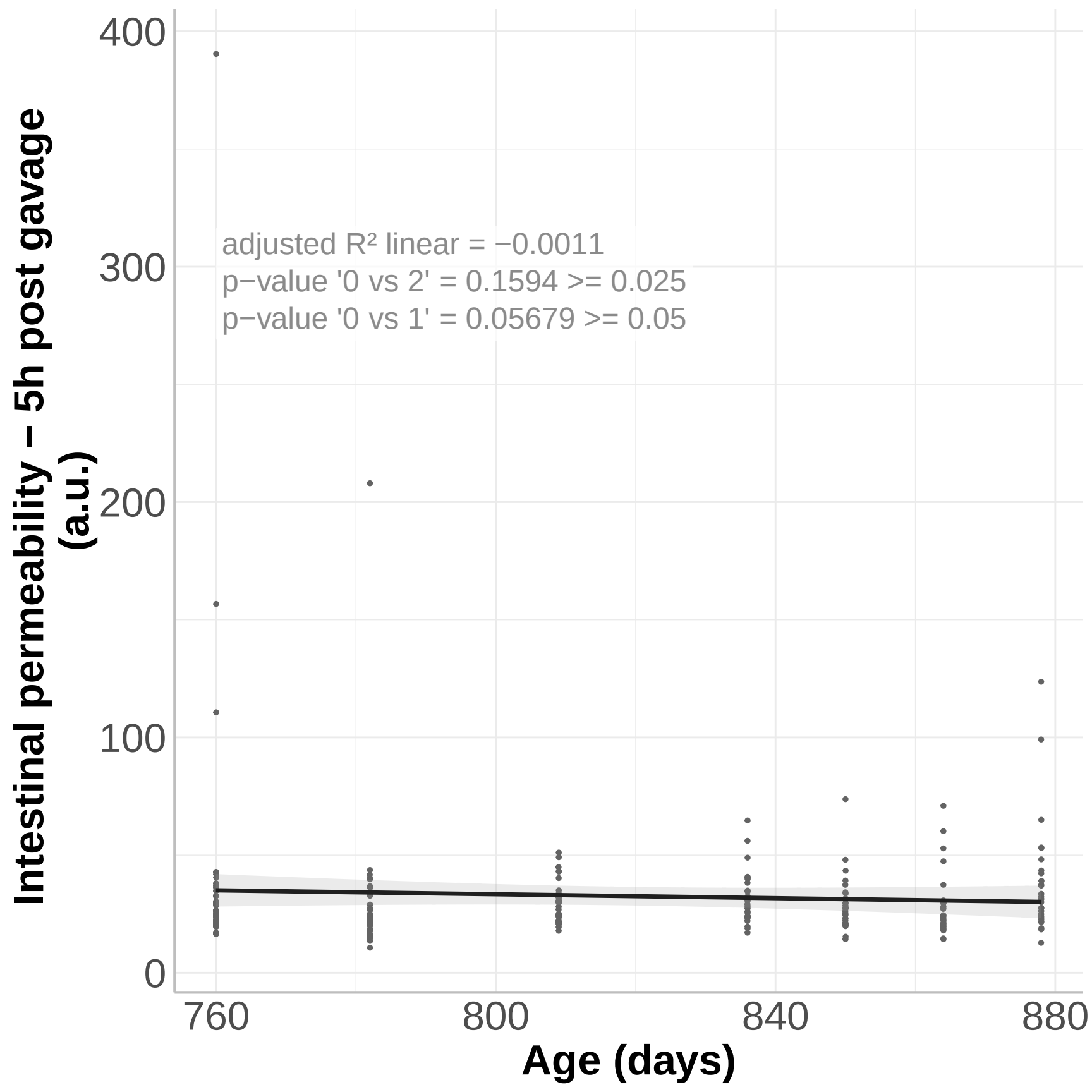

Lean mass (grams)
32
28
24
20
16
12
800
900
1000
1100
Age (days)
adjusted R² linear = 0.0045
p−value '0 vs 2' = 0.03275 >= 0.025
p−value '0 vs 1' = 0.0894 >= 0.05

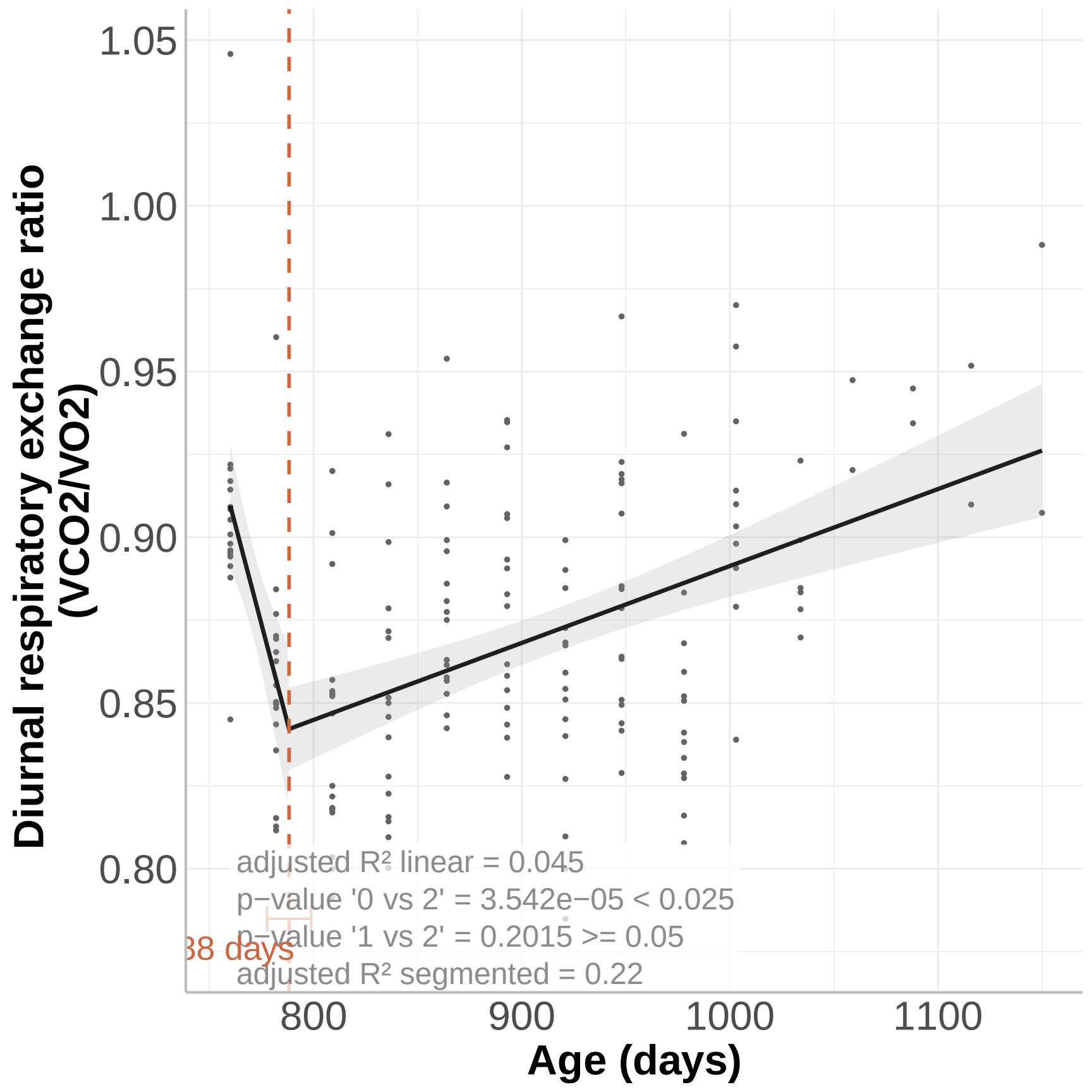

Lean mass proportion
(% of body weight)
90
80
70
adjusted R² linear = −0.00061
p−value '0 vs 2' = 1.989e−05 < 0.025
p−value '1 vs 2' = 0.02658 < 0.05
adjusted R² segmented = 0.095
68 days
995 days
800
900
1000
1100
Age (days)

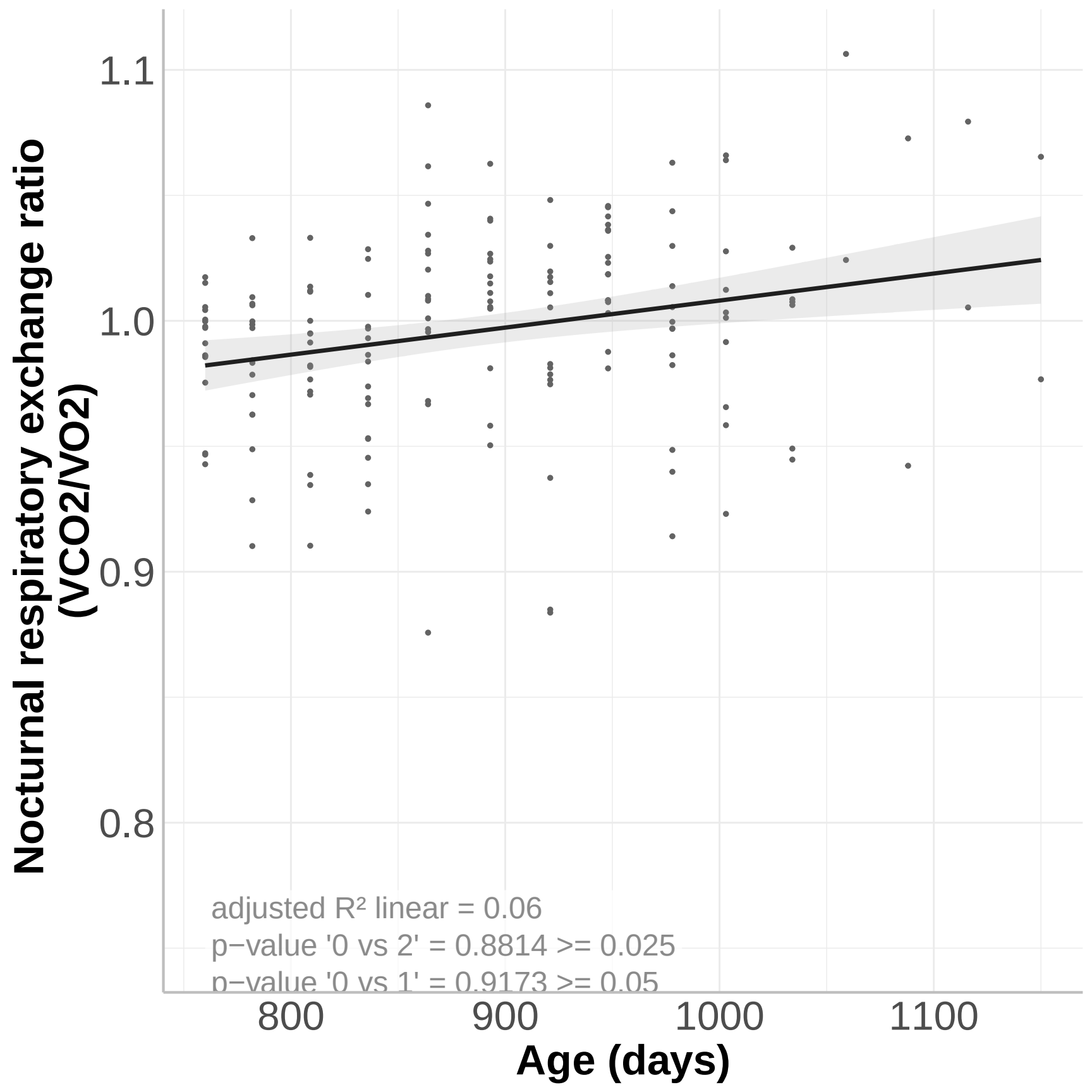

Intestinal permeability – 0h post gavage (a.u.)
7
6
5
4
3
adjusted R² linear = 0.059
p−value '0 vs 2' = 0.006411 < 0.025
p−value '1 vs 2' = 0.000787 < 0.05
adjusted R² segmented = 0.12
878 days
893 days
800
900
1000
1100
Age (days)

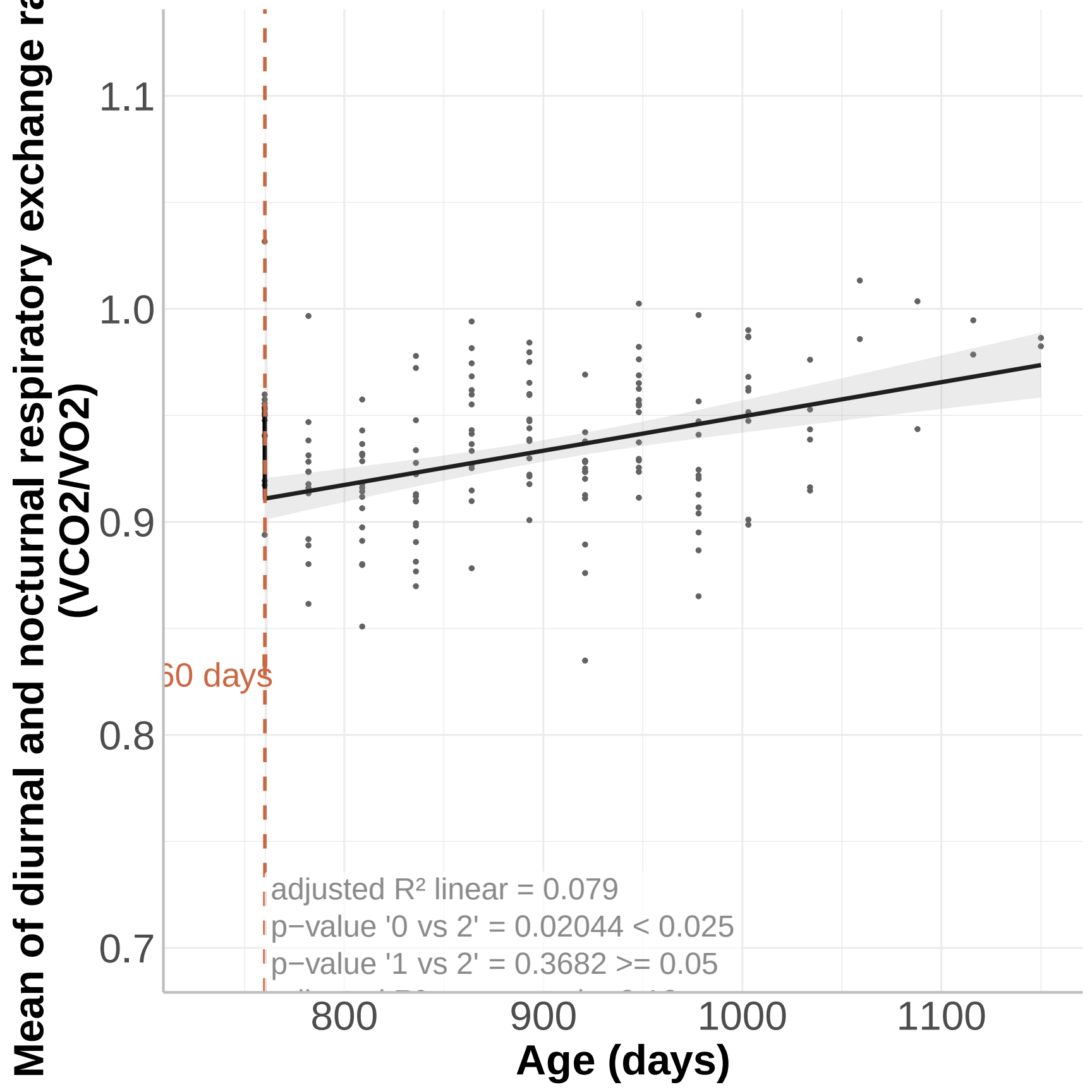

adjusted R² linear = 0.0049
p−value '0 vs 2' = 0.4736 >= 0.025
p−value '0 vs 1' = 0.2383 >= 0.05
Intestinal permeability – 1h post gavage (a.u.)
750
500
250
0
800
900
1000
1100
Age (days)

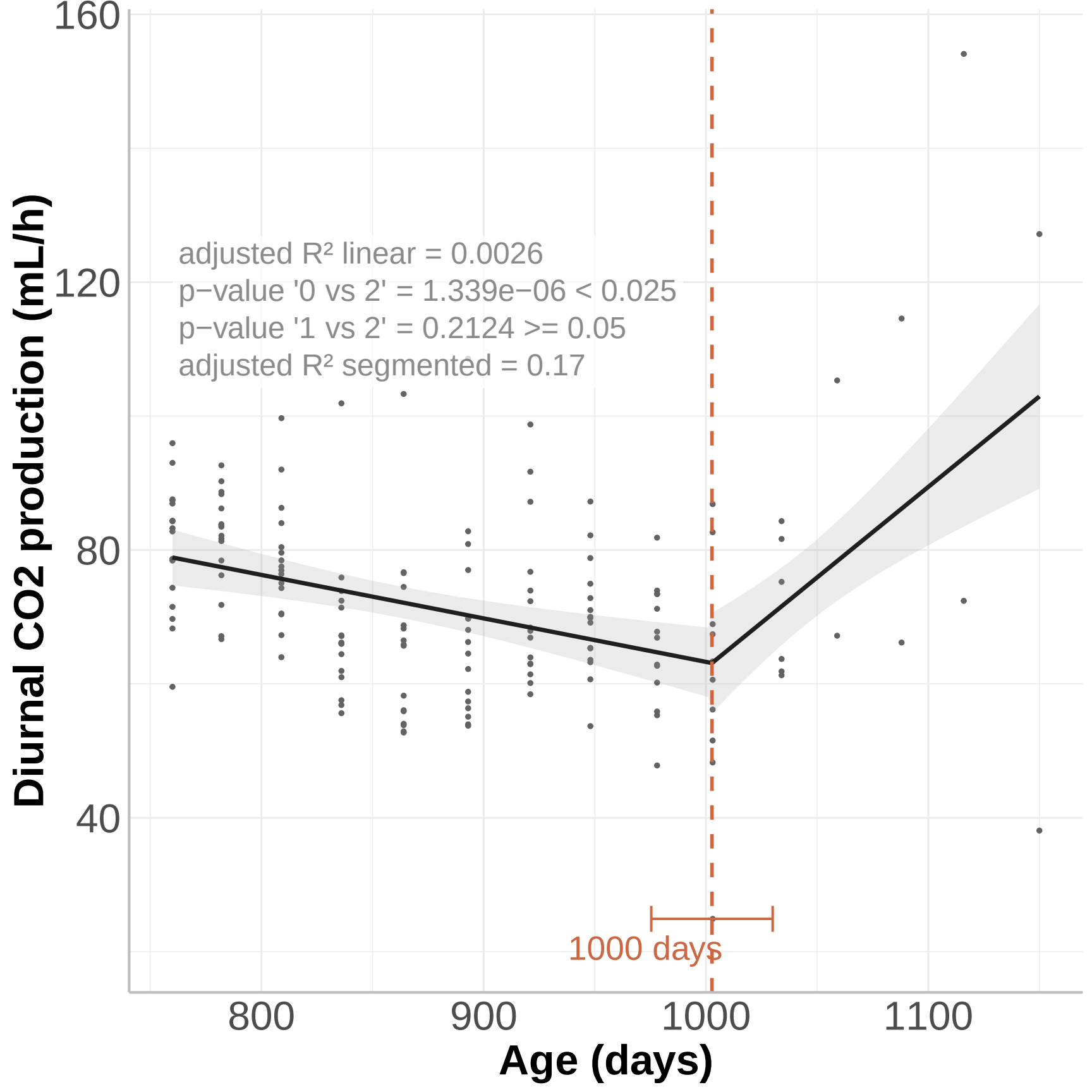

adjusted R² linear = 0.015
p−value '0 vs 2' = 0.8568 >= 0.025
p−value '0 vs 1' = 0.9608 >= 0.05
Intestinal permeability – 3h post gavage (a.u.)
400
200
0
800
900
1000
1100
Age (days)

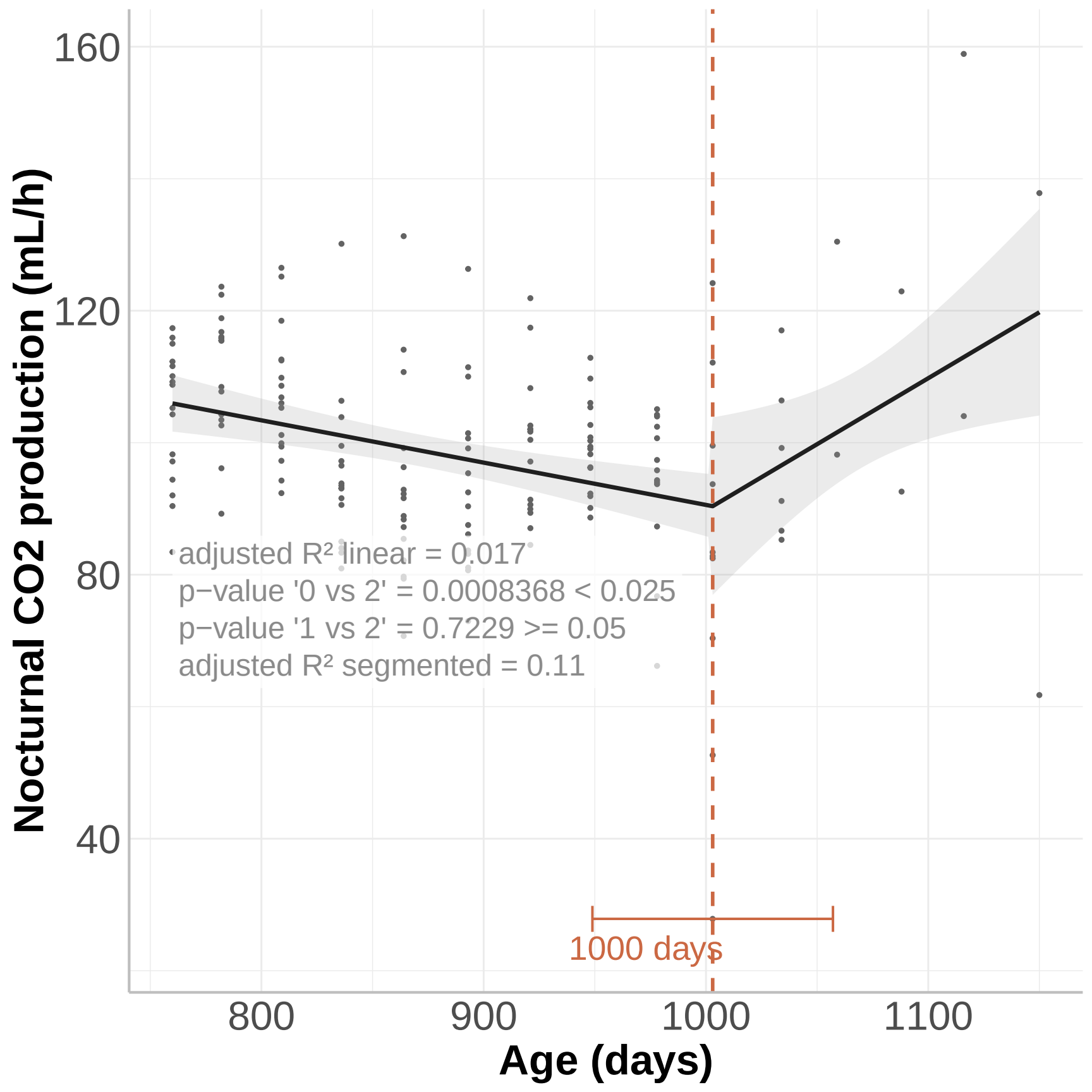

adjusted R² linear = −0.0011
p−value '0 vs 2' = 0.1594 >= 0.025
p−value '0 vs 1' = 0.05679 >= 0.05
Intestinal permeability – 5h post gavage (a.u.)
400
300
200
100
0
760
800
840
880
Age (days)

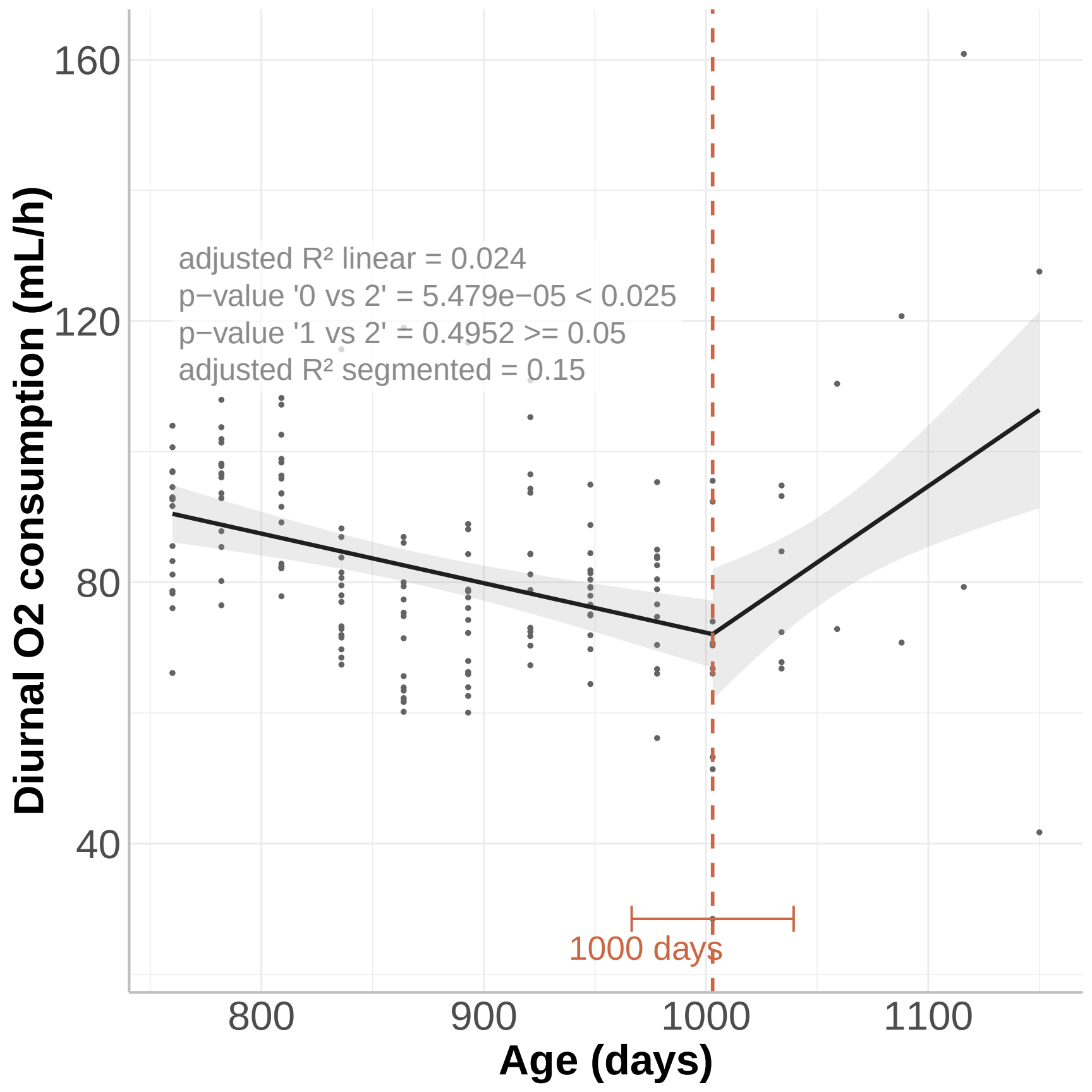

Diurnal respiratory exchange ratio (VCO2/VO2)
1.05
1.00
0.95
0.90
0.85
0.80
adjusted R² linear = 0.045
p−value '0 vs 2' = 3.542e−05 < 0.025
p−value '1 vs 2' = 0.2015 >= 0.05
adjusted R² segmented = 0.22
38 days
800
900
1000
1100
Age (days)

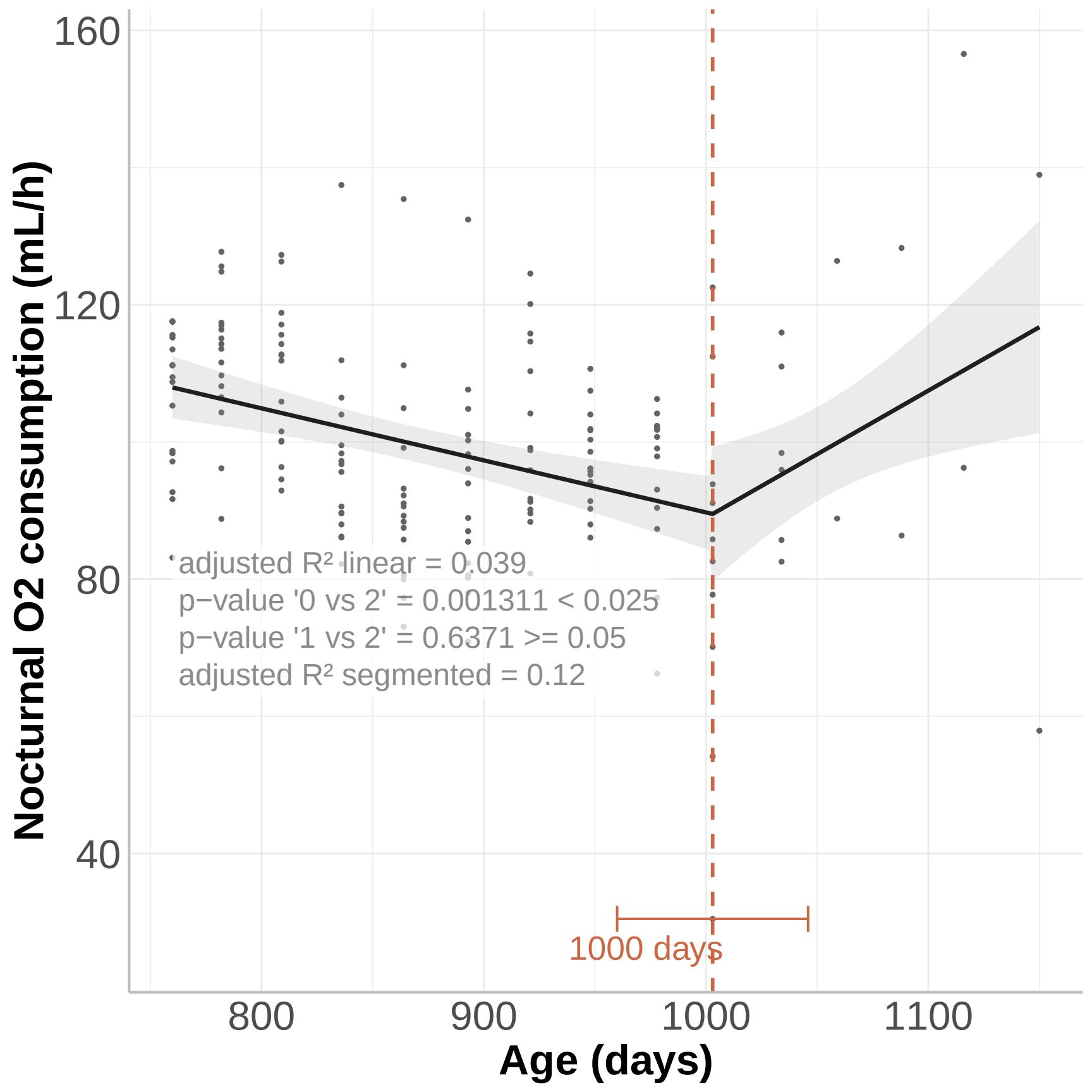

Nocturnal respiratory exchange ratio (VCO2/VO2)
1.1
1.0
0.9
0.8
adjusted R² linear = 0.06
p−value '0 vs 2' = 0.8814 >= 0.025
p−value '0 vs 1' = 0.9173 >= 0.05
800
900
1000
1100
Age (days)

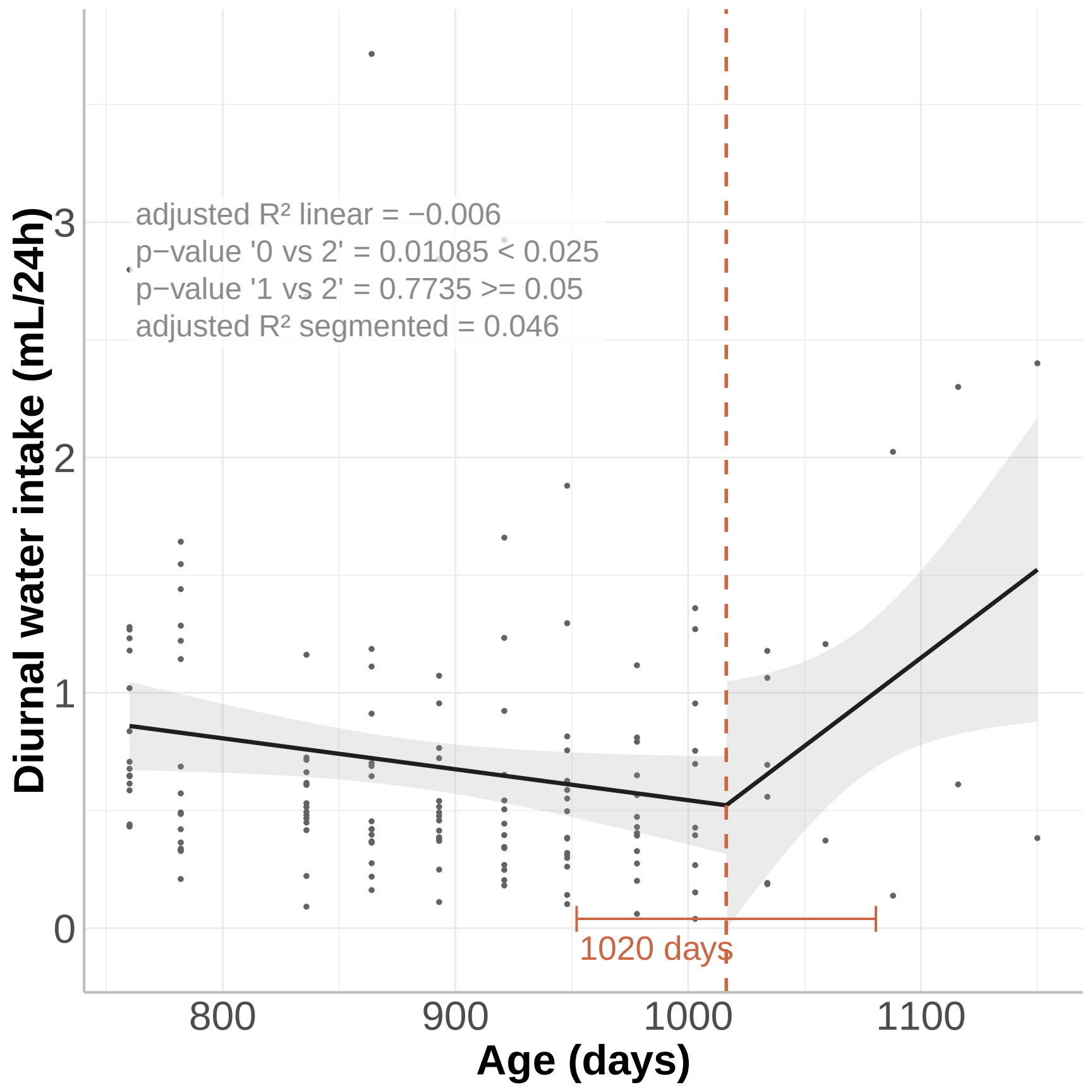

Mean of diurnal and nocturnal respiratory exchange ra
(VCO2/VO2)
1.1
1.0
0.9
0.8
0.7
60 days
adjusted R² linear = 0.079
p−value '0 vs 2' = 0.02044 < 0.025
p−value '1 vs 2' = 0.3682 >= 0.05
800
900
1000
1100
Age (days)

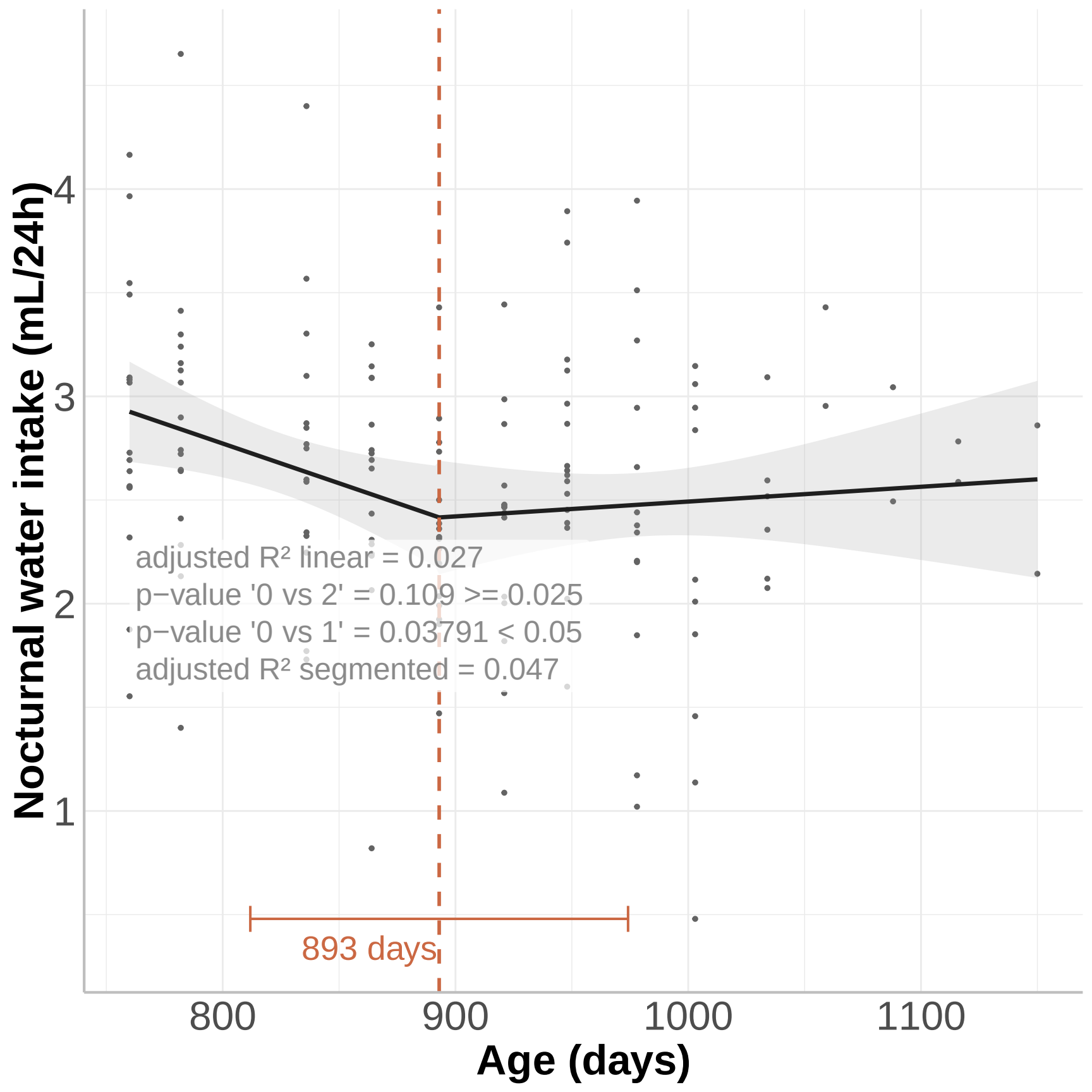

adjusted R² linear = 0.0026
p−value '0 vs 2' = 1.339e−06 < 0.025
p−value '1 vs 2' = 0.2124 >= 0.05
adjusted R² segmented = 0.17
1000 days
Diurnal CO2 production (mL/h)
160
120
80
40
800
900
1000
1100
Age (days)

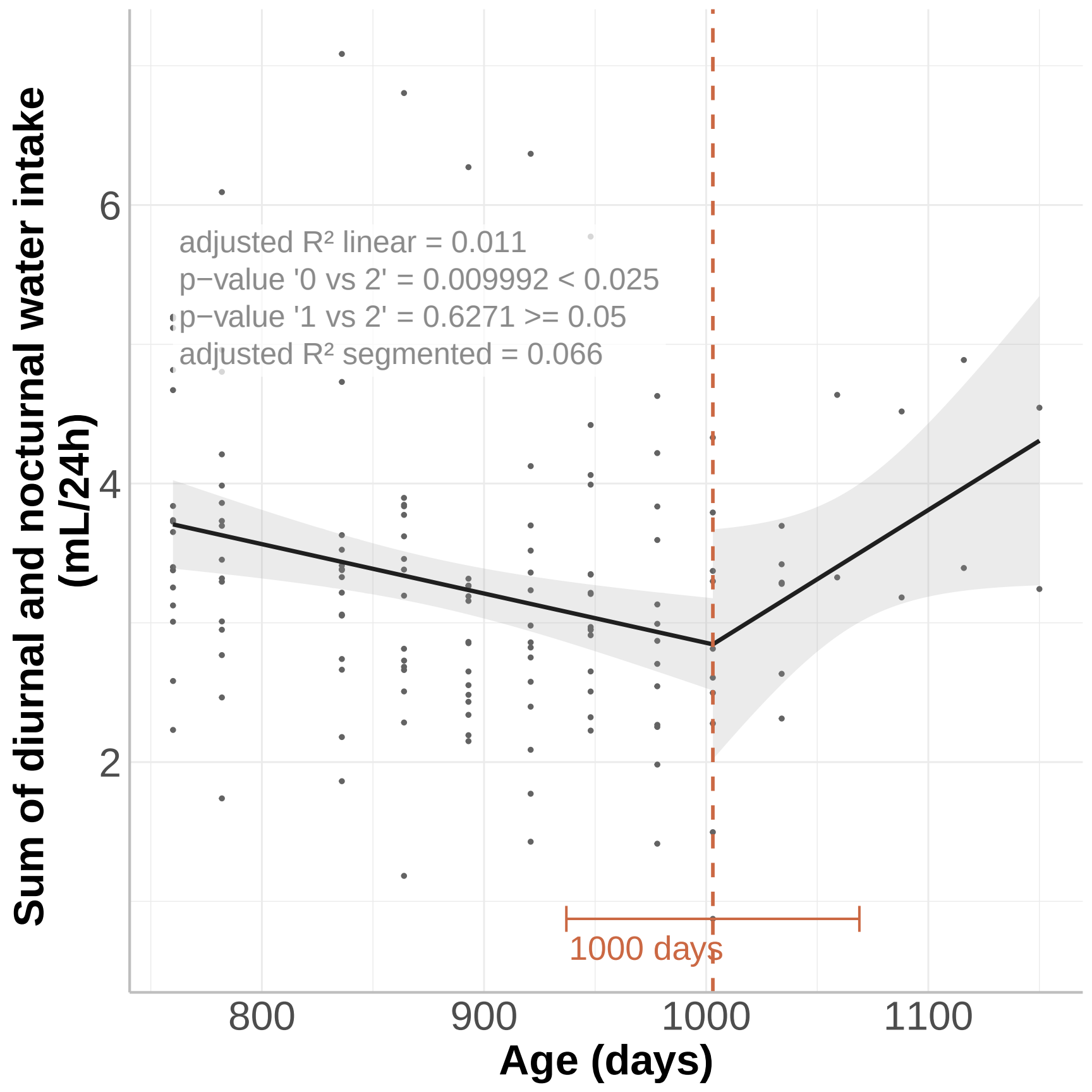

Nocturnal CO2 production (mL/h)
160
120
80
40
800
900
1000
1100
Age (days)
adjusted R² linear = 0.017
p−value '0 vs 2' = 0.0008368 < 0.025
p−value '1 vs 2' = 0.7229 >= 0.05
adjusted R² segmented = 0.11
1000 days

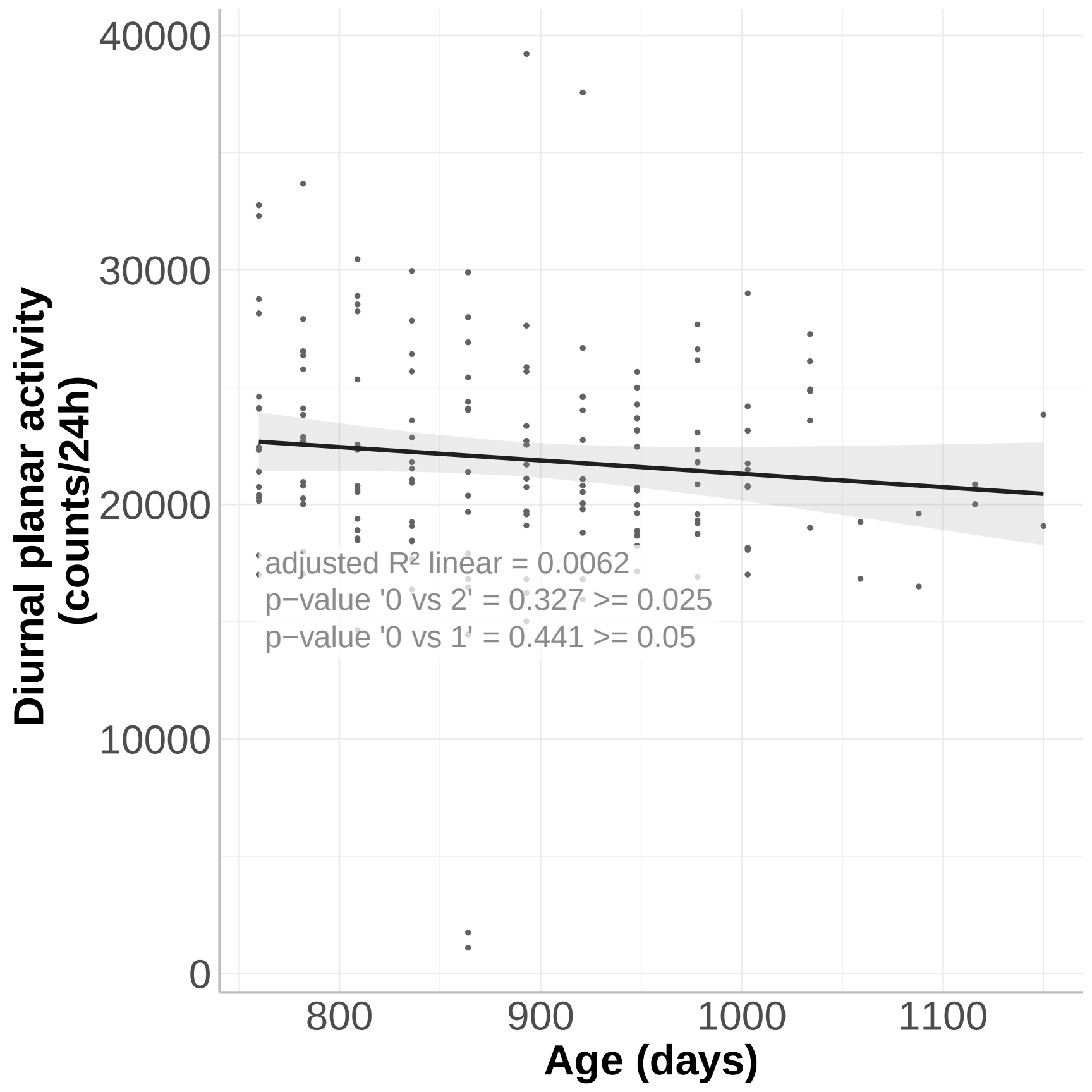

adjusted R² linear = 0.024
p−value '0 vs 2' = 5.479e−05 < 0.025
p−value '1 vs 2' = 0.4952 >= 0.05
adjusted R² segmented = 0.15
1000 days
Diurnal O2 consumption (mL/h)
160
120
80
40
800
900
1000
1100
Age (days)

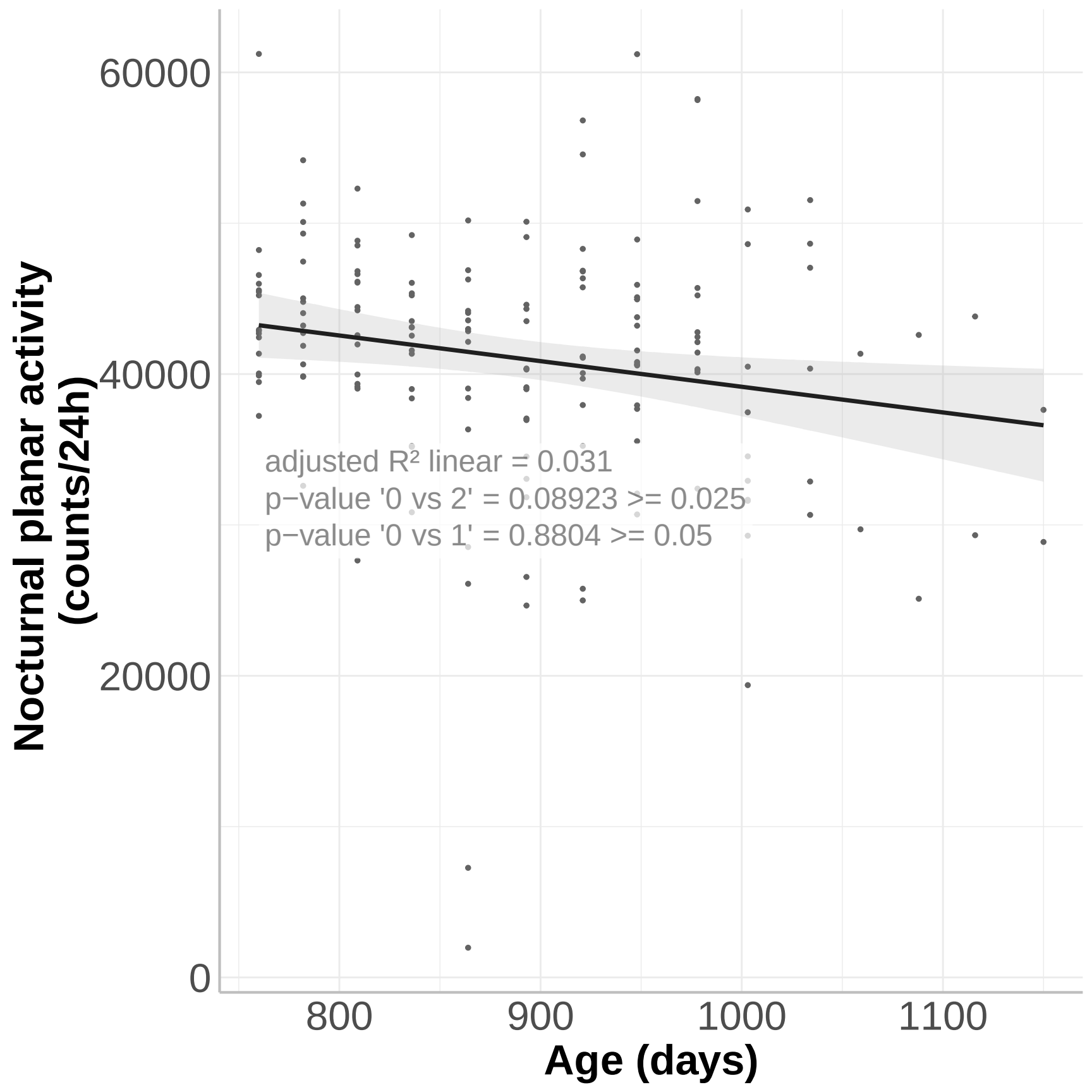

Nocturnal O2 consumption (mL/h)
160
120
80
40
800
900
1000
1100
Age (days)
adjusted R² linear = 0.039
p−value '0 vs 2' = 0.001311 < 0.025
p−value '1 vs 2' = 0.6371 >= 0.05
adjusted R² segmented = 0.12
1000 days

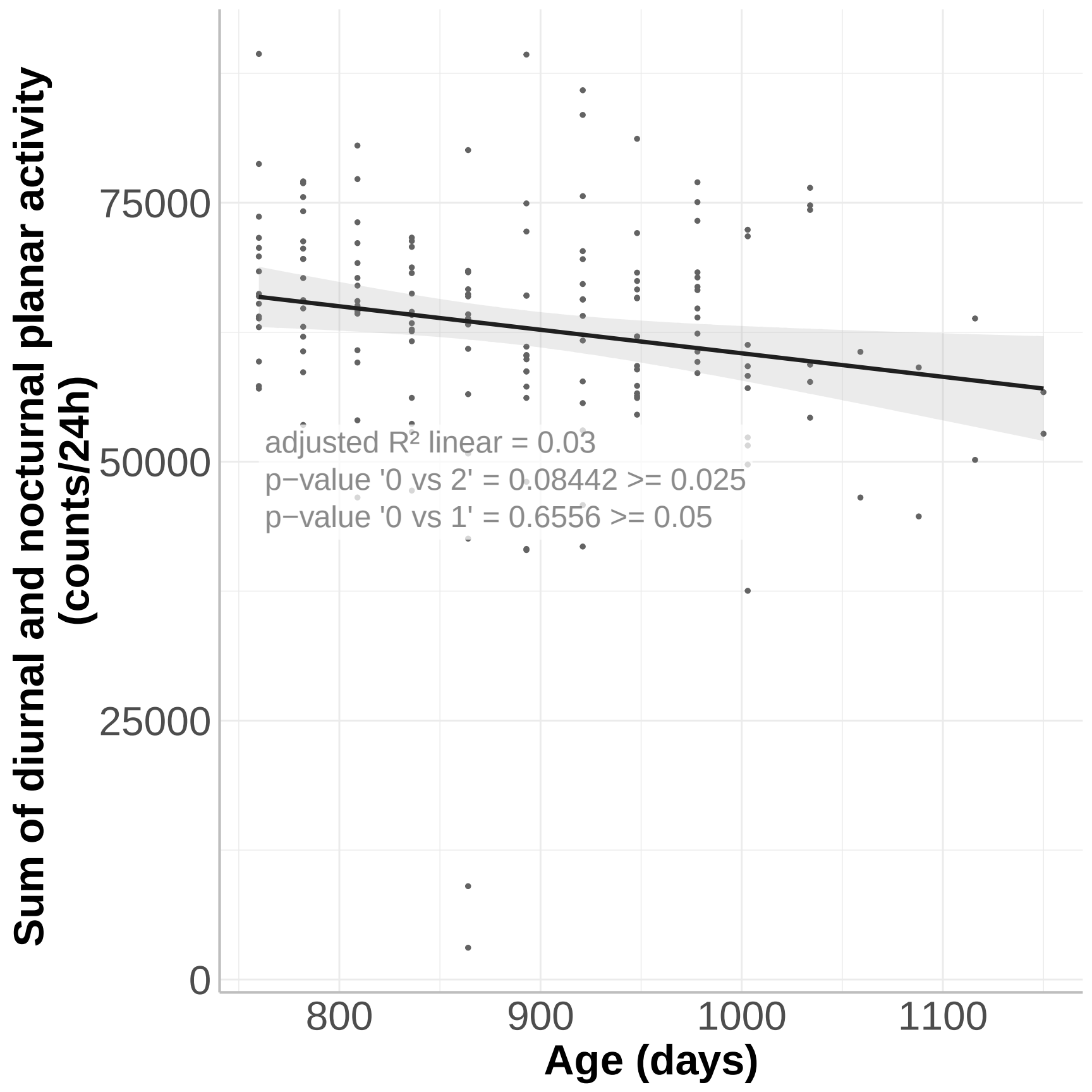

adjusted R² linear = −0.006
p−value '0 vs 2' = 0.01085 < 0.025
p−value '1 vs 2' = 0.7735 >= 0.05
adjusted R² segmented = 0.046
1020 days
Diurnal water intake (mL/24h)
0
1
2
3
800
900
1000
1100
Age (days)

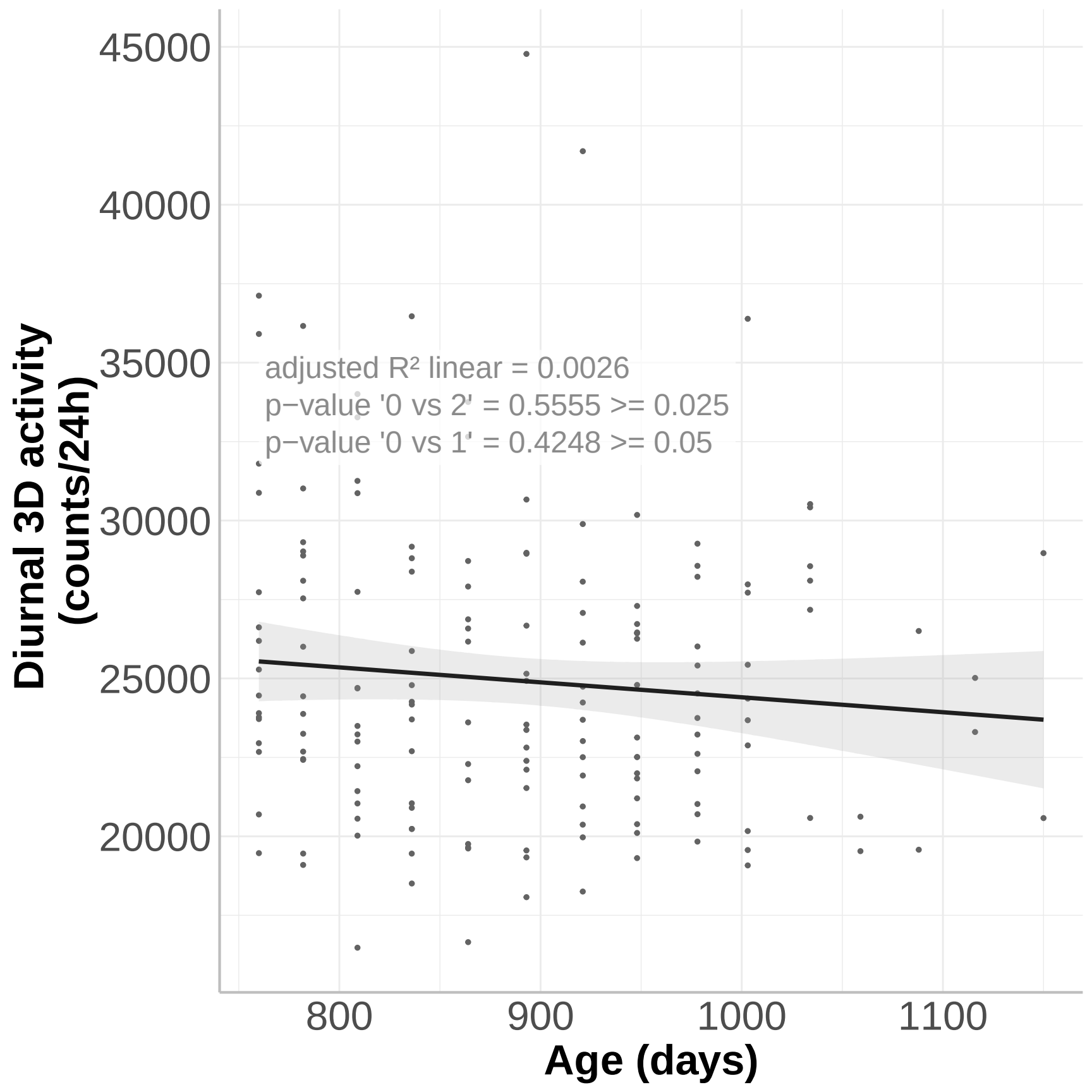

Nocturnal water intake (mL/24h)
4
3
2
1
adjusted R² linear = 0.027
p−value '0 vs 2' = 0.109 >= 0.025
p−value '0 vs 1' = 0.03791 < 0.05
adjusted R² segmented = 0.047
893 days
800
900
1000
1100
Age (days)

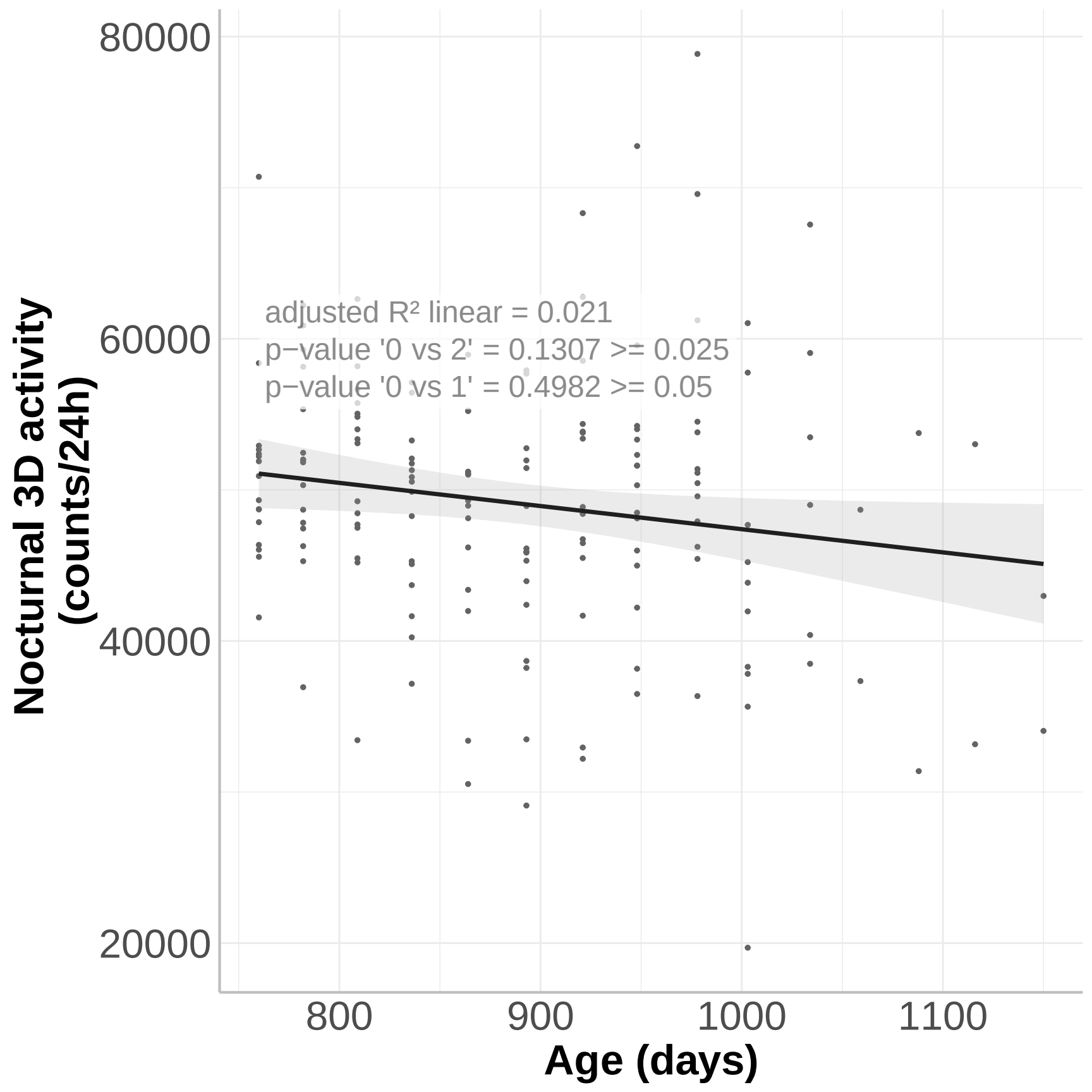

adjusted R² linear = 0.011
p−value '0 vs 2' = 0.009992 < 0.025
p−value '1 vs 2' = 0.6271 >= 0.05
adjusted R² segmented = 0.066
1000 days
Sum of diurnal and nocturnal water intake (mL/24h)
Age (days)
2
4
6
800
900
1000
1100

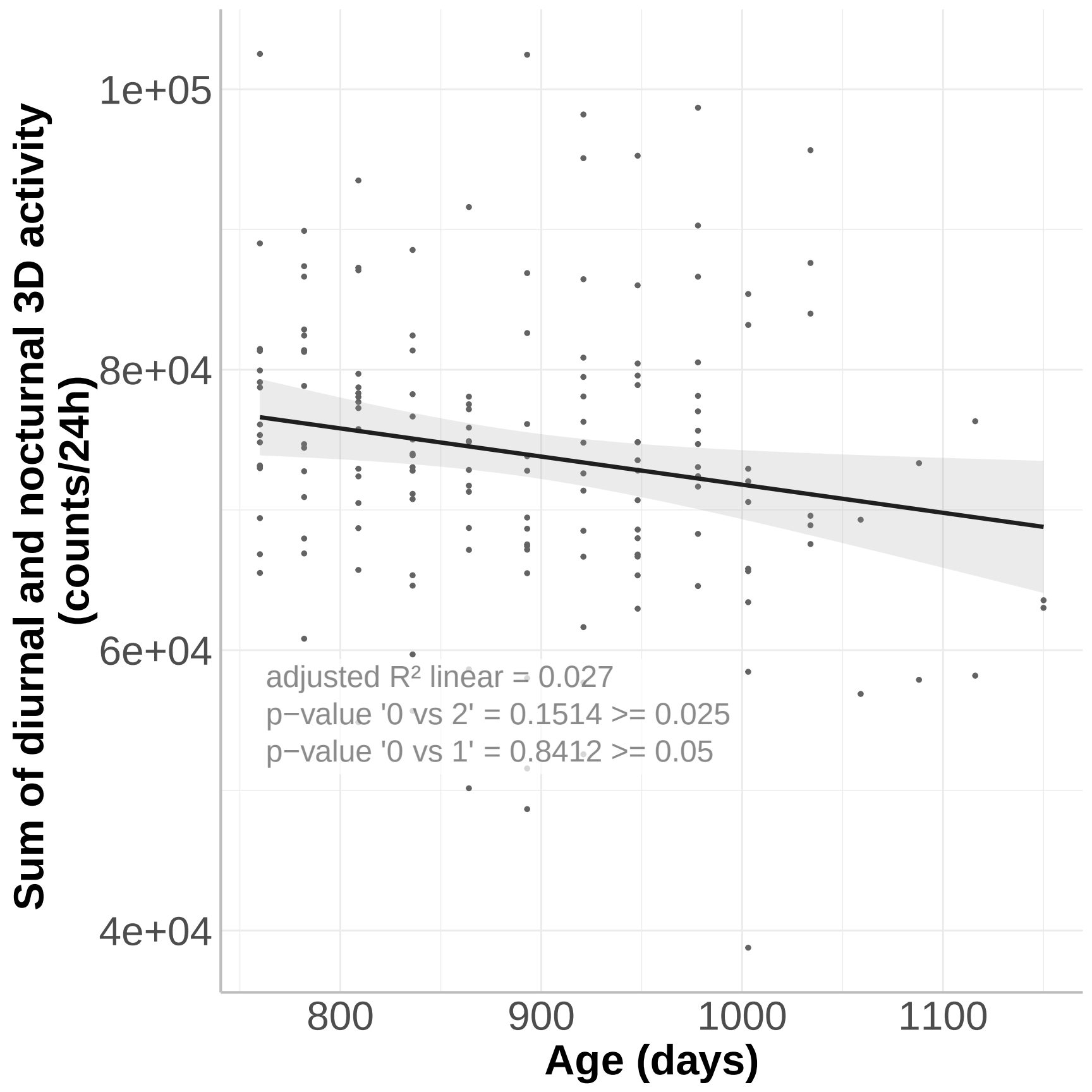

Diurnal planar activity
(counts/24h)
40000
30000
20000
10000
0
adjusted R² linear = 0.0062
p−value '0 vs 2' = 0.327 >= 0.025
p−value '0 vs 1' = 0.441 >= 0.05
800
900
1000
1100
Age (days)

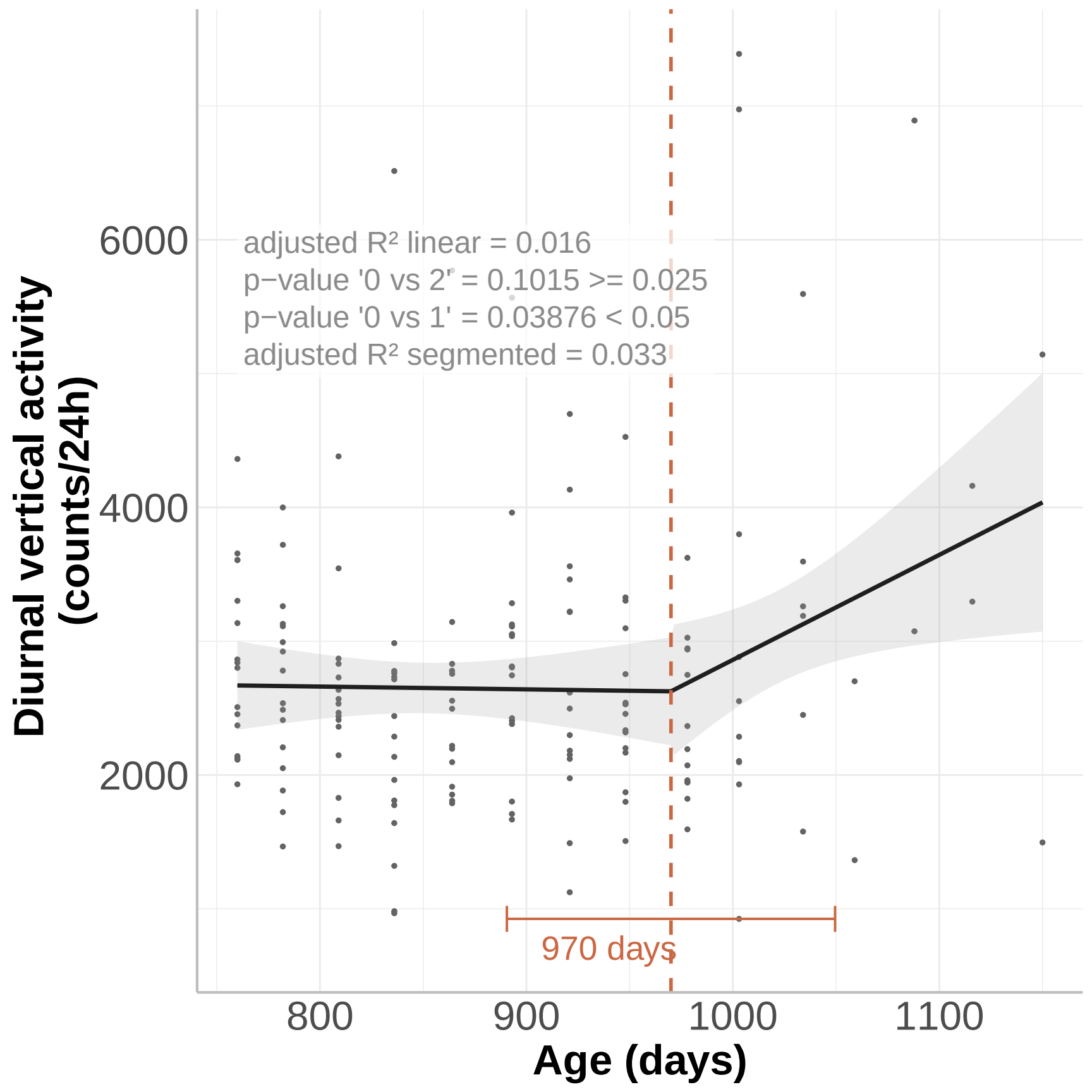

60000
40000
20000
0
Nocturnal planar activity
(counts/24h)
adjusted R² linear = 0.031
p−value '0 vs 2' = 0.08923 >= 0.025
p−value '0 vs 1' = 0.8804 >= 0.05
800
900
1000
1100
Age (days)

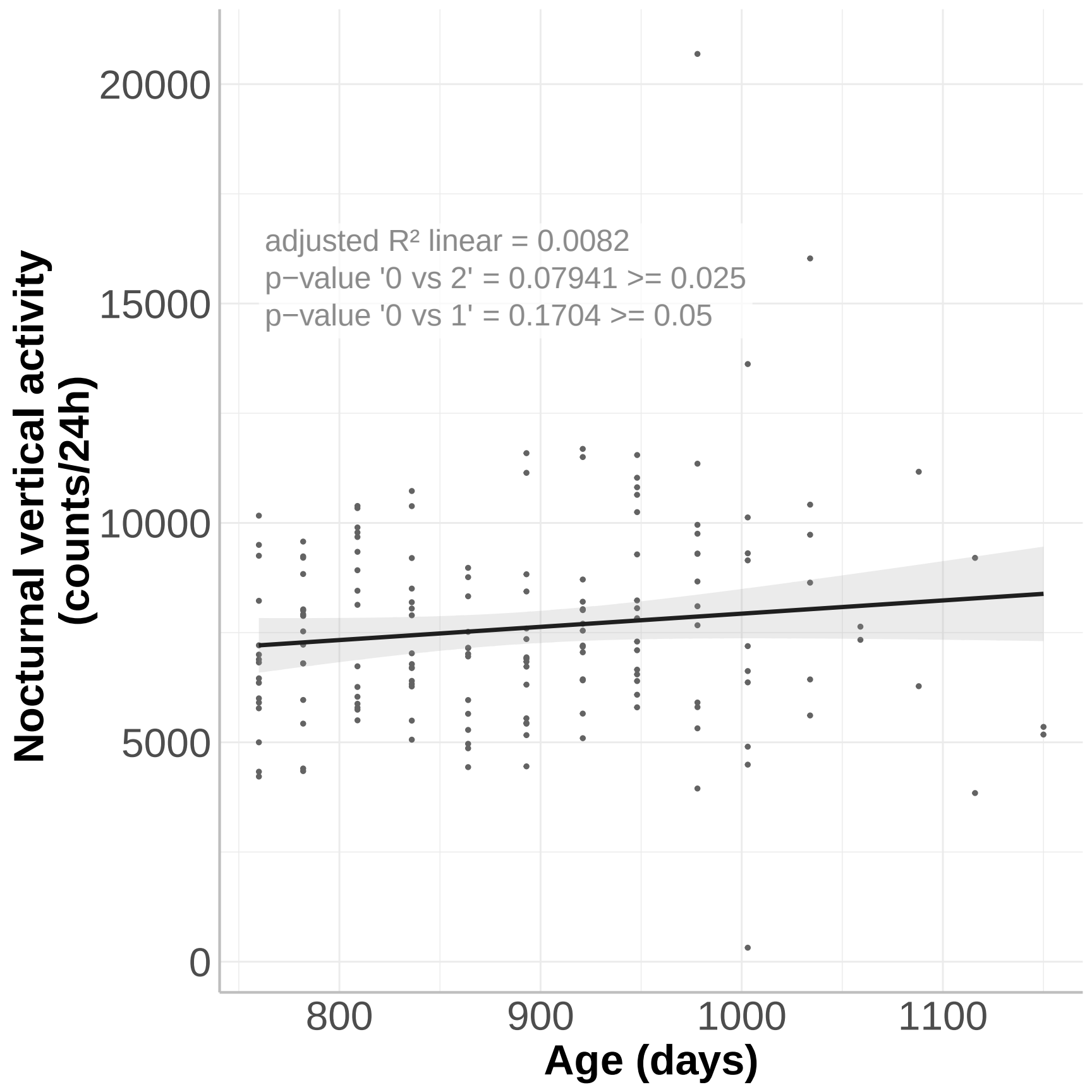

Sum of diurnal and nocturnal planar activity (counts/24h)
75000
50000
25000
0
adjusted R² linear = 0.03
p−value '0 vs 2' = 0.08442 >= 0.025
p−value '0 vs 1' = 0.6556 >= 0.05
800
900
1000
1100
Age (days)

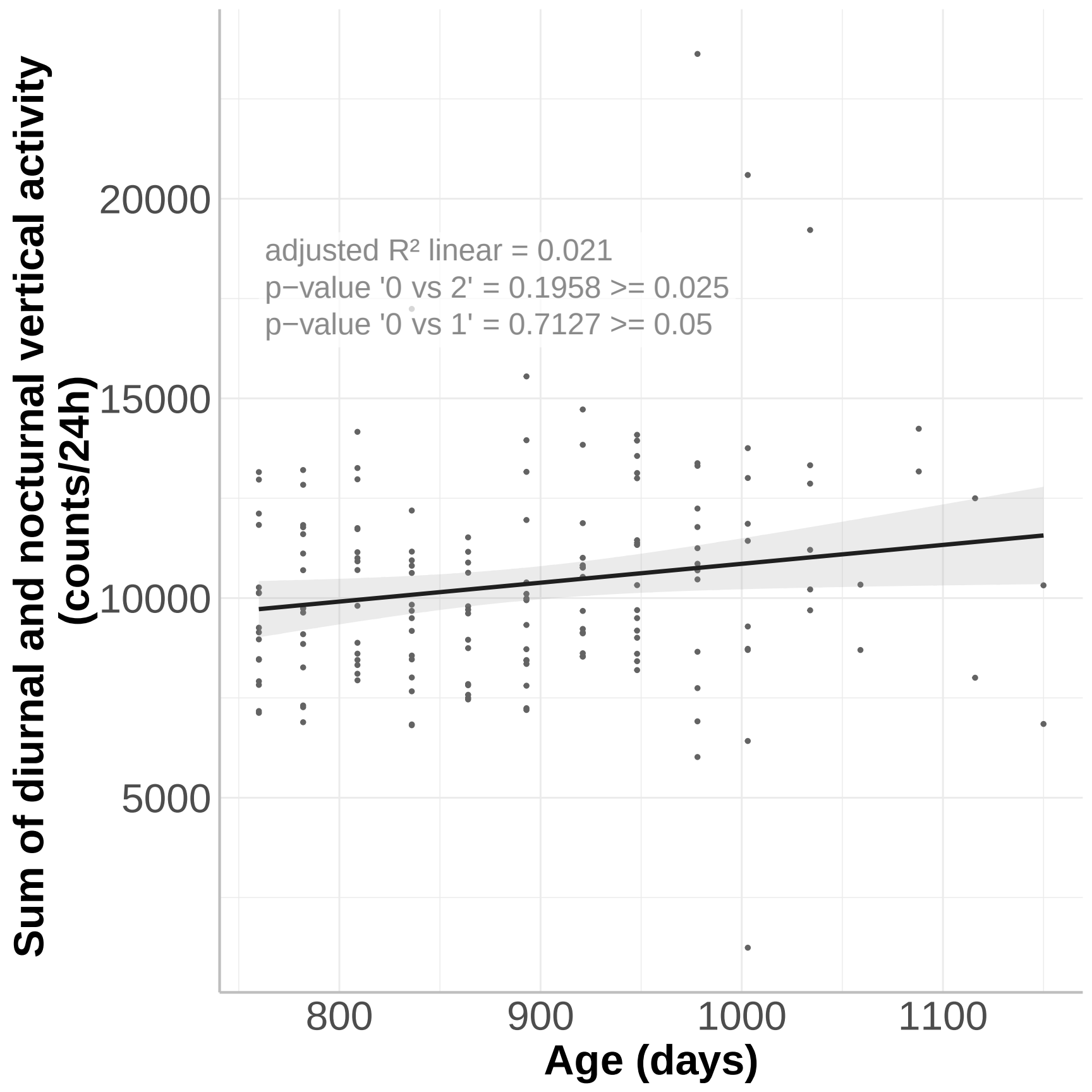

45000
40000
35000
30000
25000
20000
Diurnal 3D activity (counts/24h)
adjusted R² linear = 0.0026
p−value '0 vs 2' = 0.5555 >= 0.025
p−value '0 vs 1' = 0.4248 >= 0.05
800
900
1000
1100
Age (days)

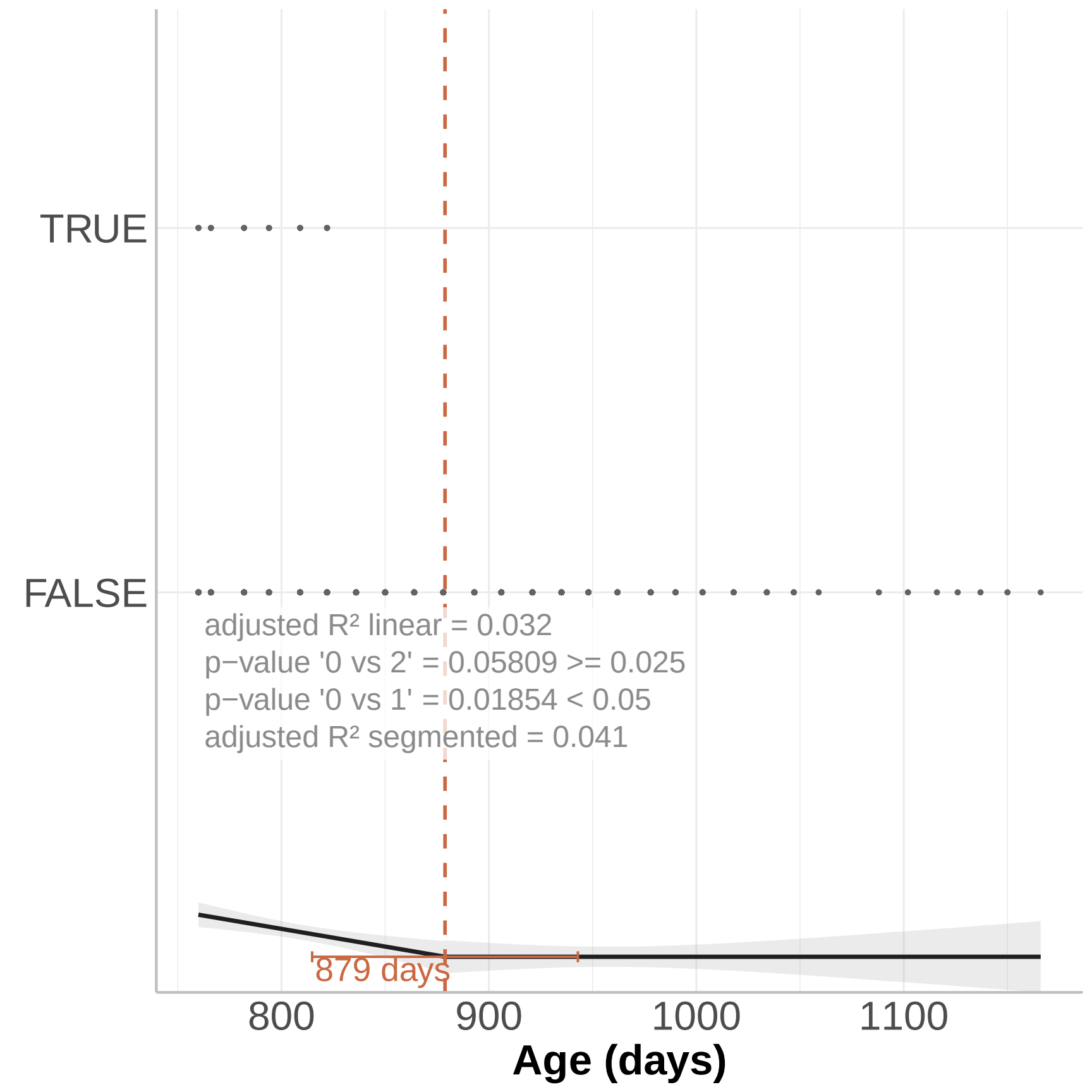

adjusted R² linear = 0.021
p−value '0 vs 2' = 0.1307 >= 0.025
p−value '0 vs 1' = 0.4982 >= 0.05
Nocturnal 3D activity (counts/24h)
80000
60000
40000
20000
800
900
1000
1100
Age (days)


Sum of diurnal and nocturnal 3D activity (counts/24h)
1e+05
8e+04
6e+04
4e+04
adjusted R² linear = 0.027
p−value '0 vs 2' = 0.1514 >= 0.025
p−value '0 vs 1' = 0.8412 >= 0.05
800
900
1000
1100
Age (days)


adjusted R² linear = 0.016
p−value '0 vs 2' = 0.1015 >= 0.025
p−value '0 vs 1' = 0.03876 < 0.05
adjusted R² segmented = 0.033
970 days
Diurnal vertical activity (counts/24h)
6000
4000
2000
800
900
1000
1100
Age (days)


adjusted R² linear = 0.0082
p−value '0 vs 2' = 0.07941 >= 0.025
p−value '0 vs 1' = 0.1704 >= 0.05
Nocturnal vertical activity (counts/24h)
20000
15000
10000
5000
0
800
900
1000
1100
Age (days)


Sum of diurnal and nocturnal vertical activity (counts/24h)
20000
15000
10000
5000
adjusted R² linear = 0.021
p−value '0 vs 2' = 0.1958 >= 0.025
p−value '0 vs 1' = 0.7127 >= 0.05
800
900
1000
1100
Age (days)


TRUE
FALSE
adjusted R² linear = 0.032
p−value '0 vs 2' = 0.05809 >= 0.025
p−value '0 vs 1' = 0.01854 < 0.05
adjusted R² segmented = 0.041
879 days
800
900
1000
1100
Age (days)