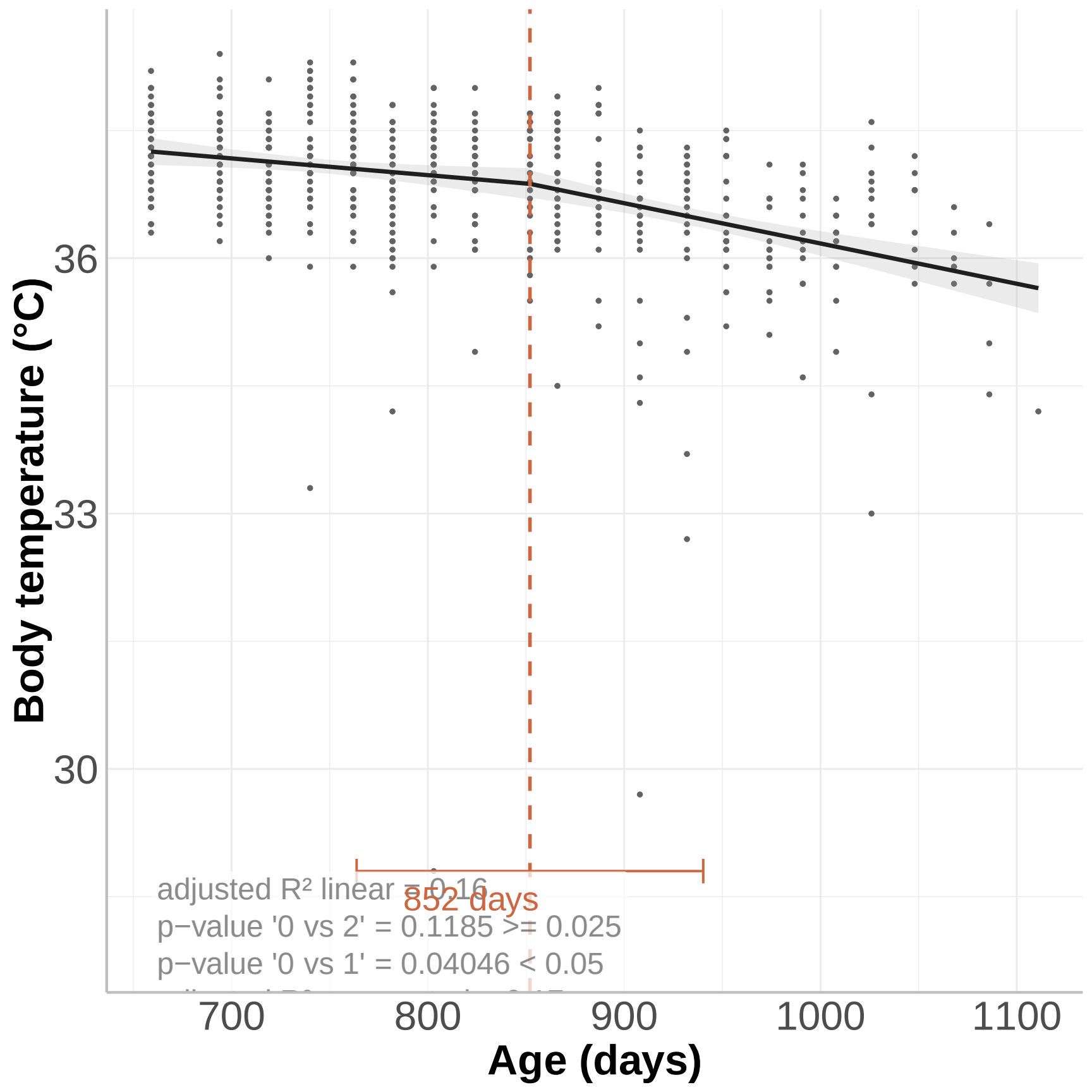
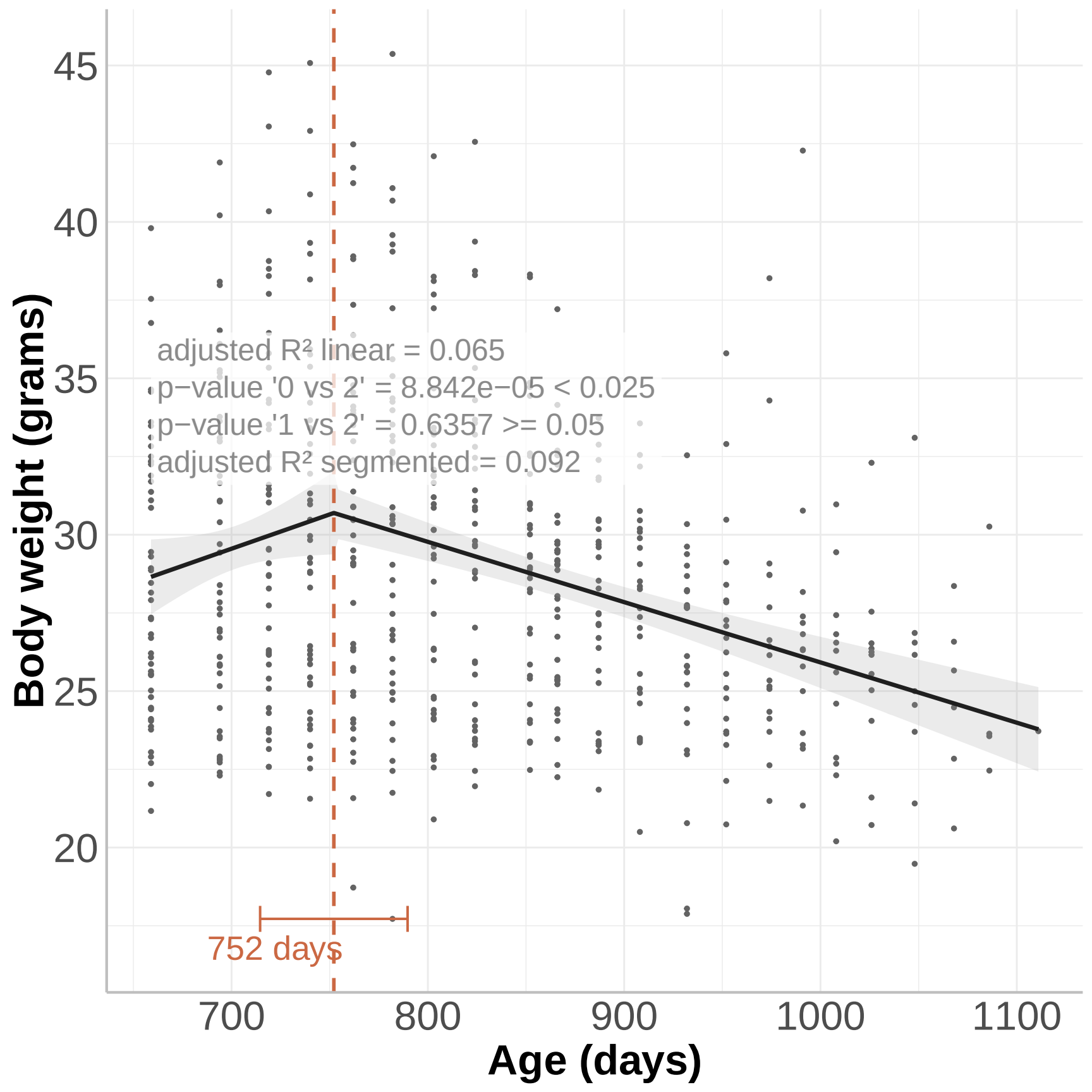
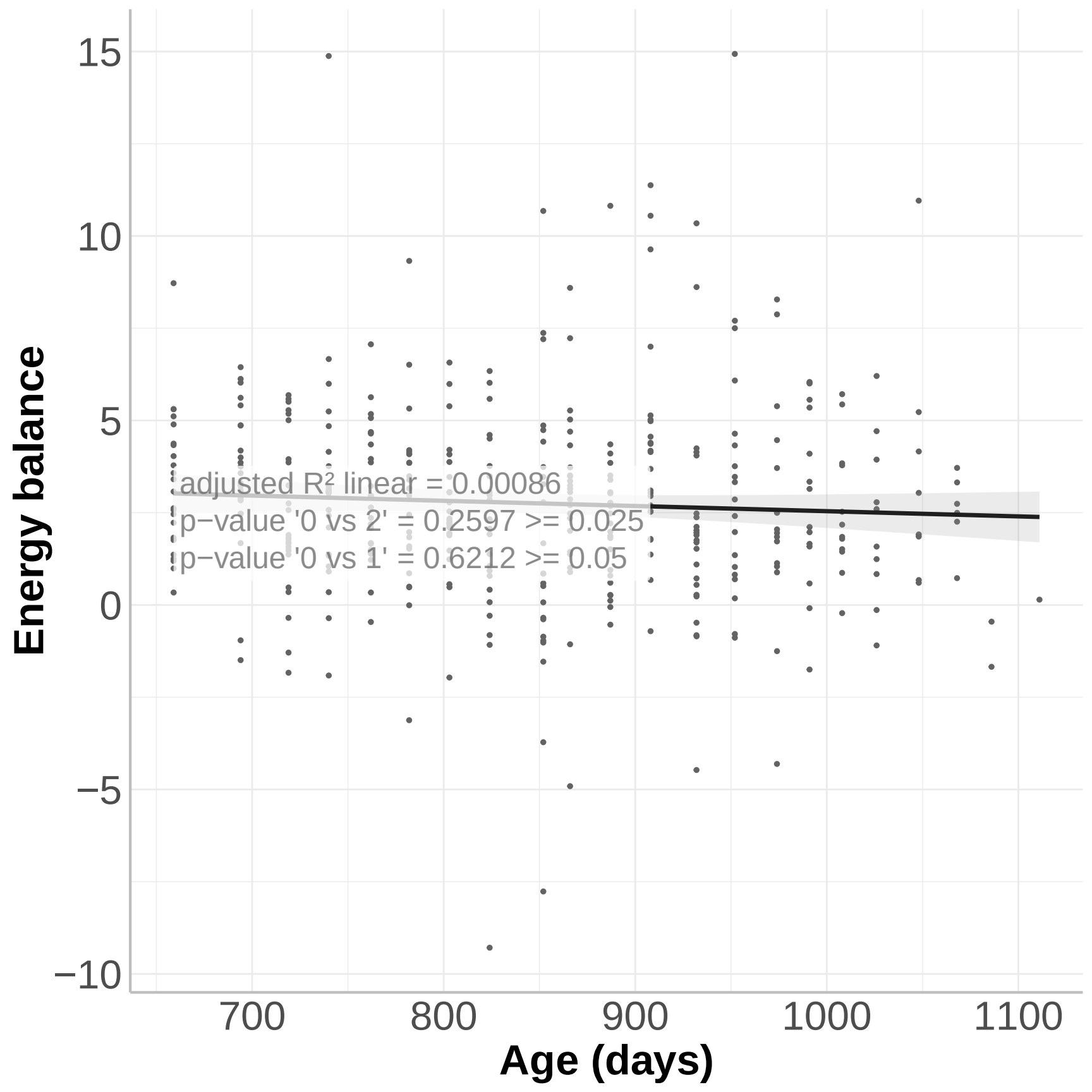
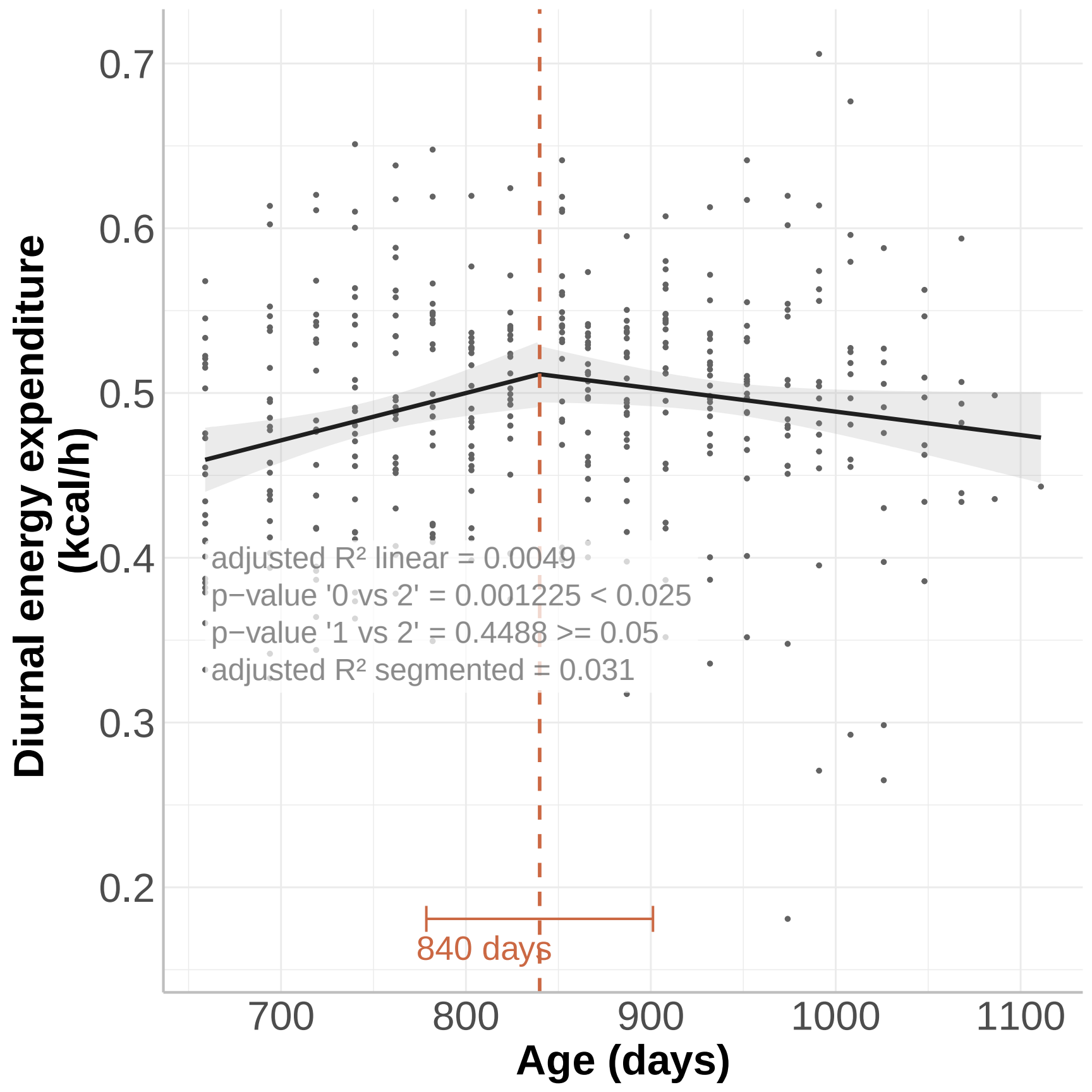
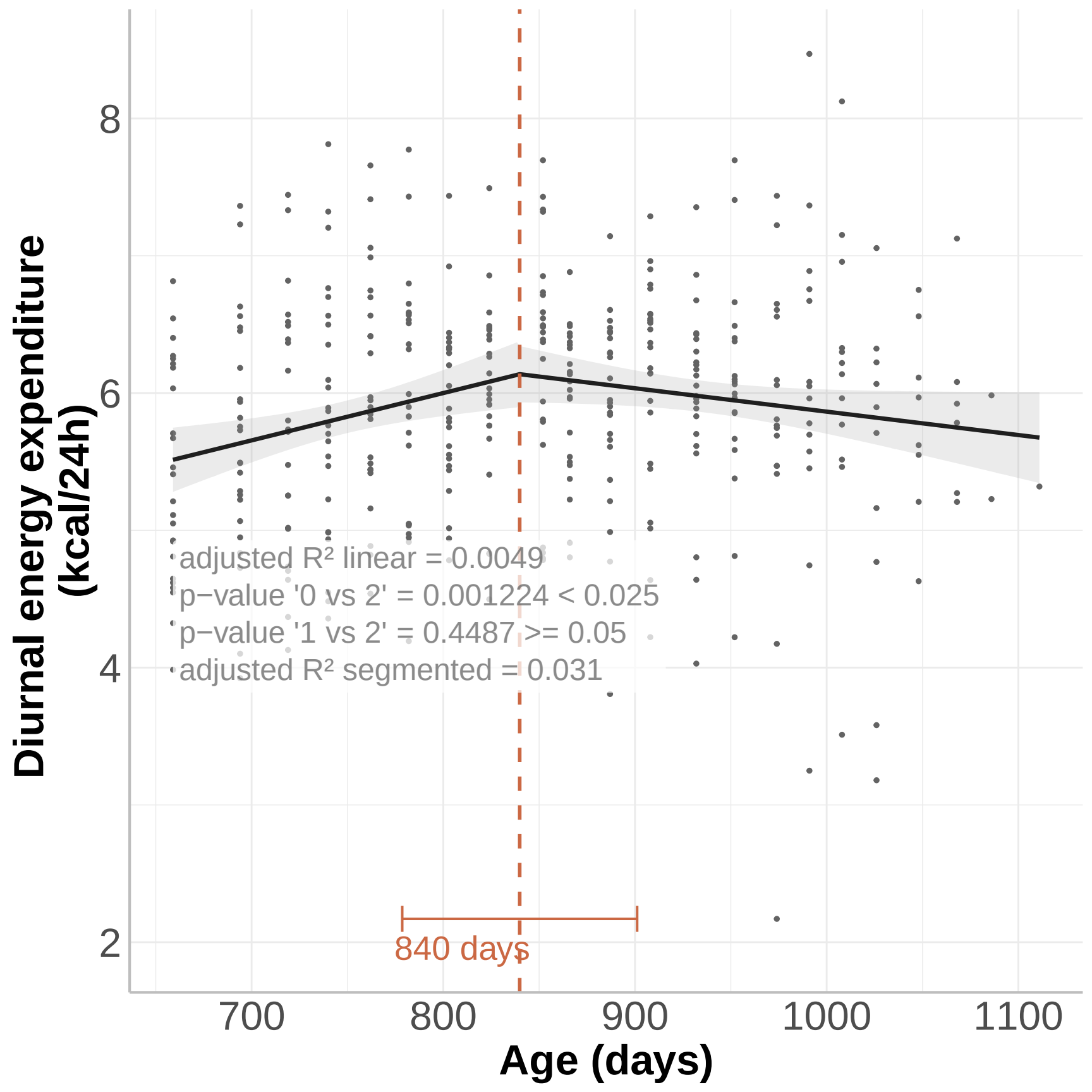
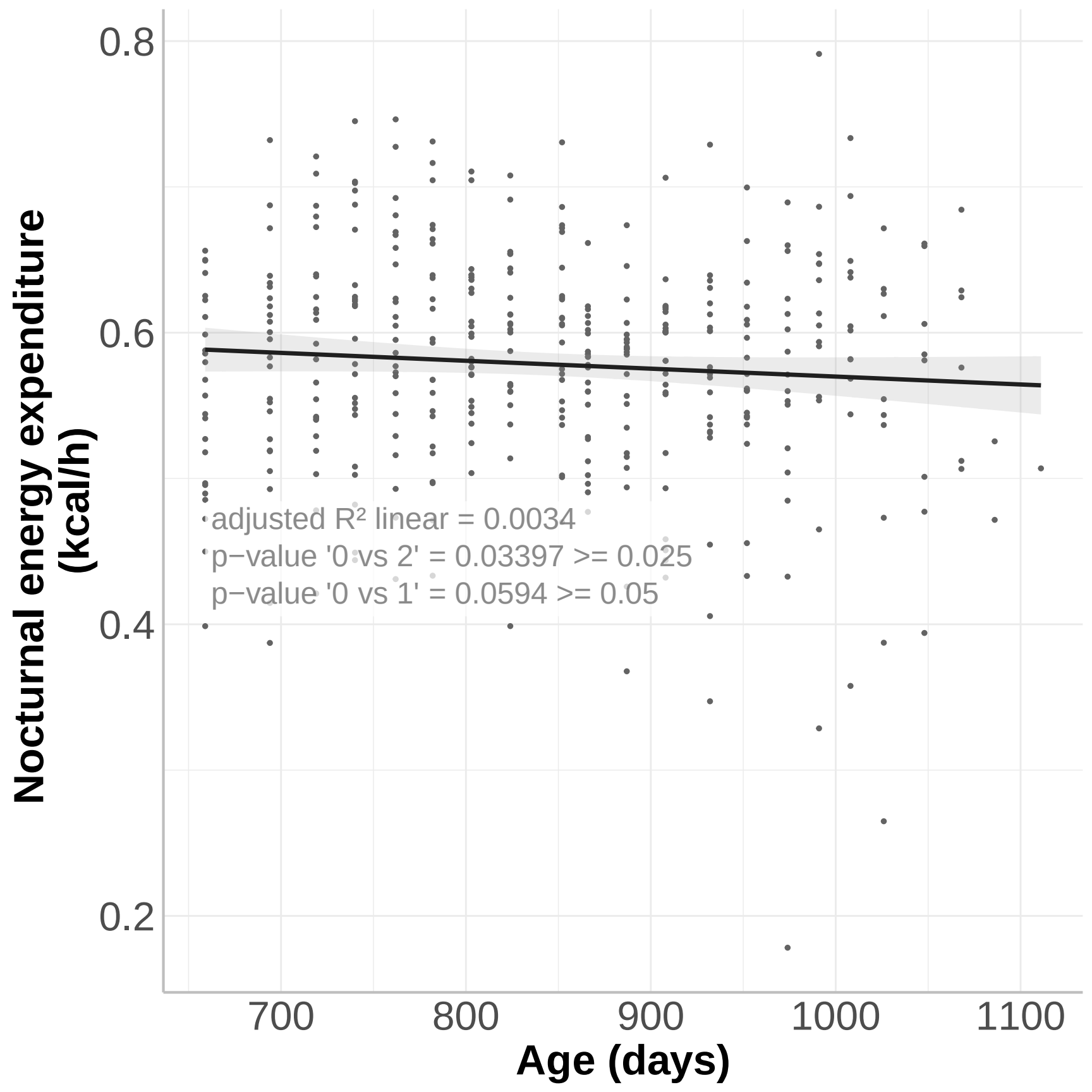

Body temperature (°C)
36
33
30
852 days
adjusted R² linear = 0.16
p−value '0 vs 2' = 0.1185 >= 0.025
p−value '0 vs 1' = 0.04046 < 0.05
700
800
900
1000
1100
Age (days)

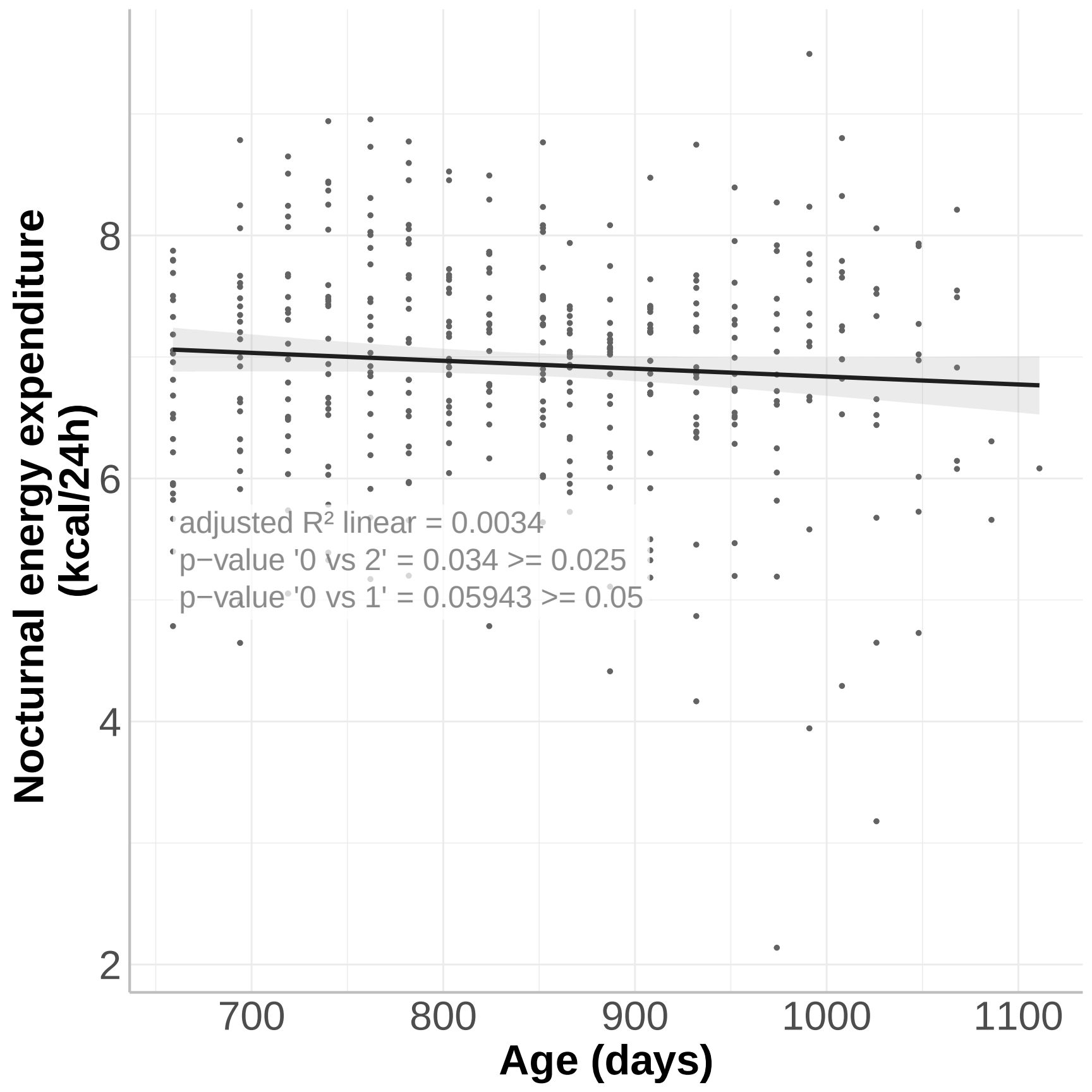

adjusted R² linear = 0.065
p−value '0 vs 2' = 8.842e−05 < 0.025
p−value '1 vs 2' = 0.6357 >= 0.05
adjusted R² segmented = 0.092
752 days
Body weight (grams)
Age (days)
45
40
35
30
25
20
700
800
900
1000
1100

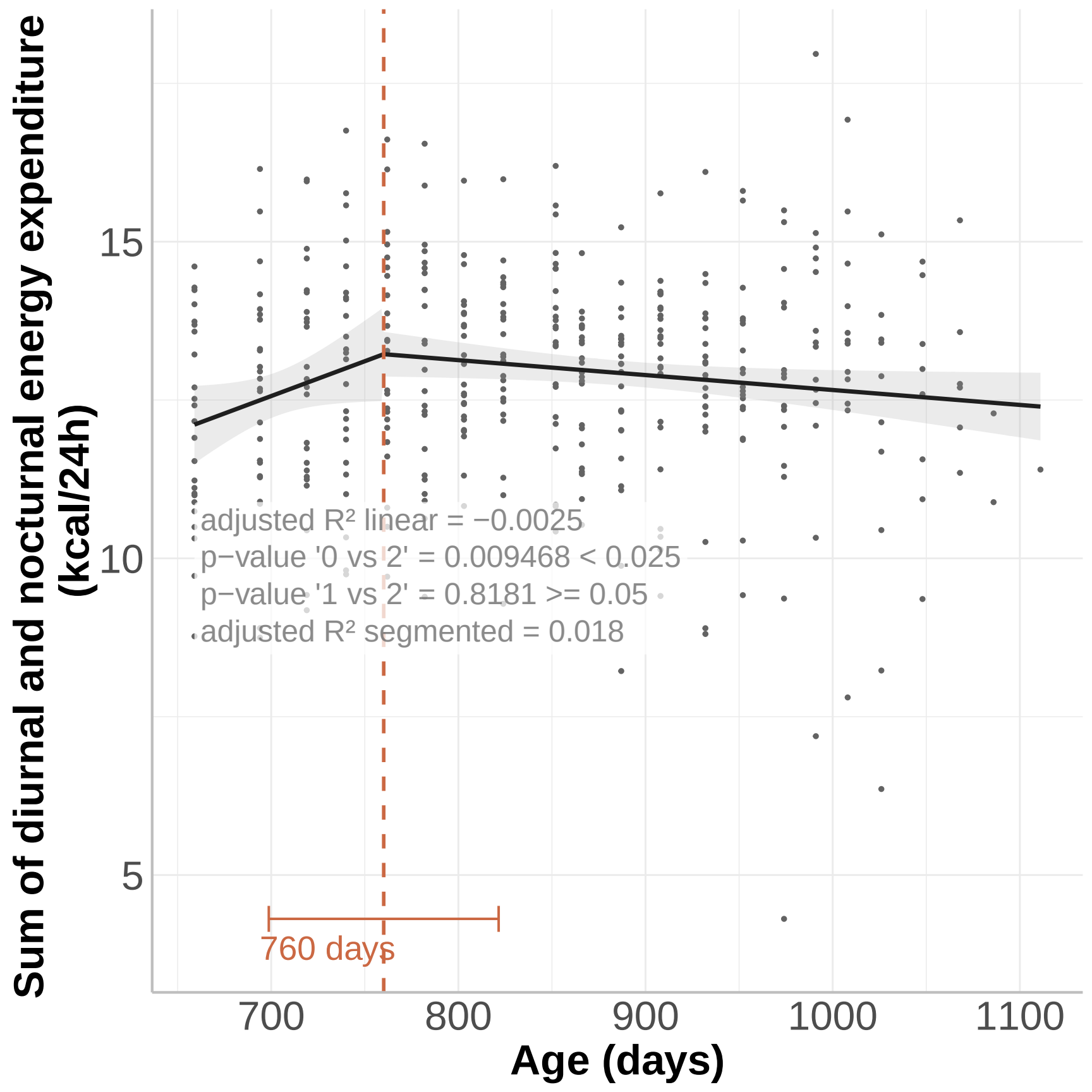

15
10
5
0
−5
−10
Energy balance
adjusted R² linear = 0.00086
p−value '0 vs 2' = 0.2597 >= 0.025
p−value '0 vs 1' = 0.6212 >= 0.05
700
800
900
1000
1100
Age (days)

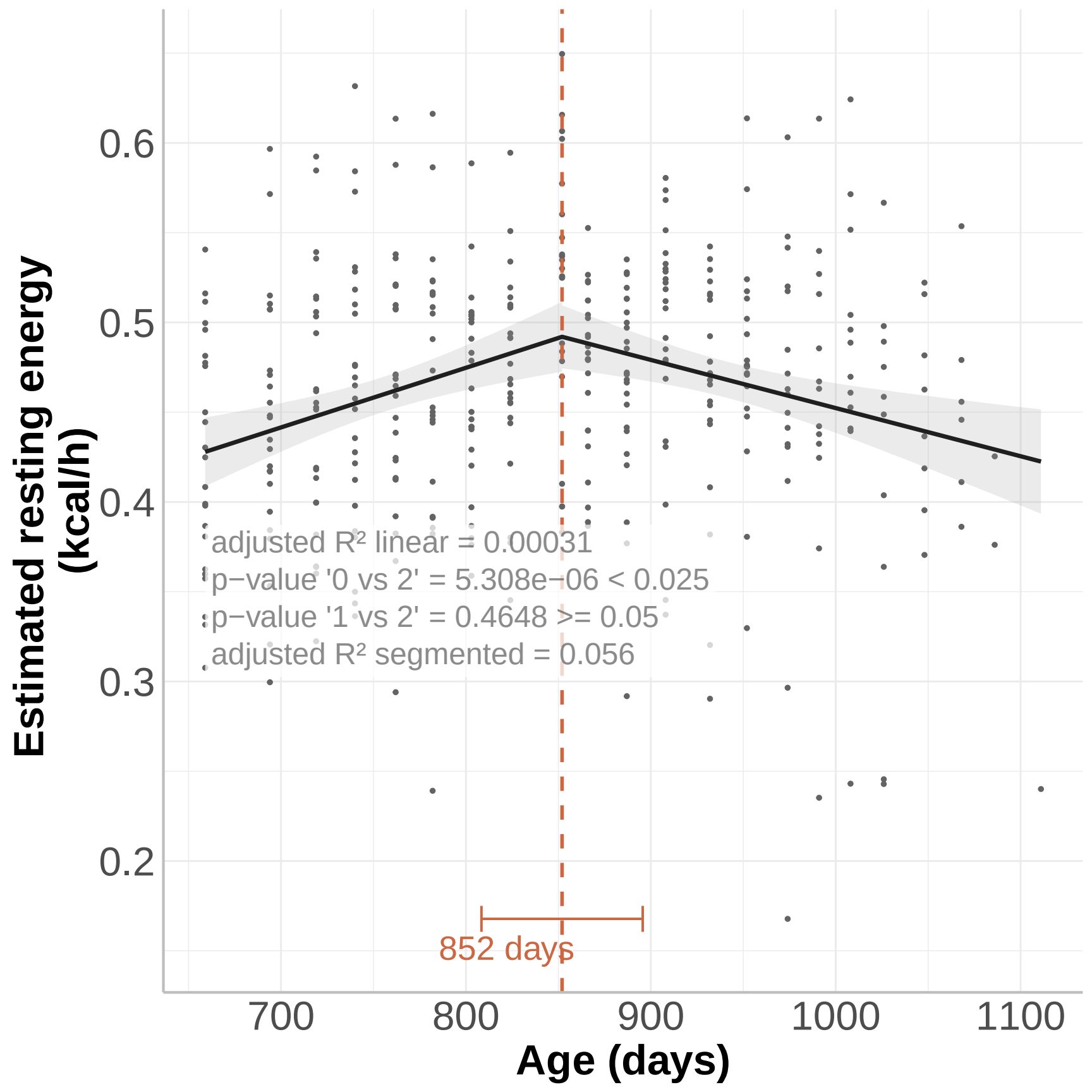

Diurnal energy expenditure (kcal/h)
0.7
0.6
0.5
0.4
0.3
0.2
adjusted R² linear = 0.0049
p−value '0 vs 2' = 0.001225 < 0.025
p−value '1 vs 2' = 0.4488 >= 0.05
adjusted R² segmented = 0.031
840 days
700
800
900
1000
1100
Age (days)

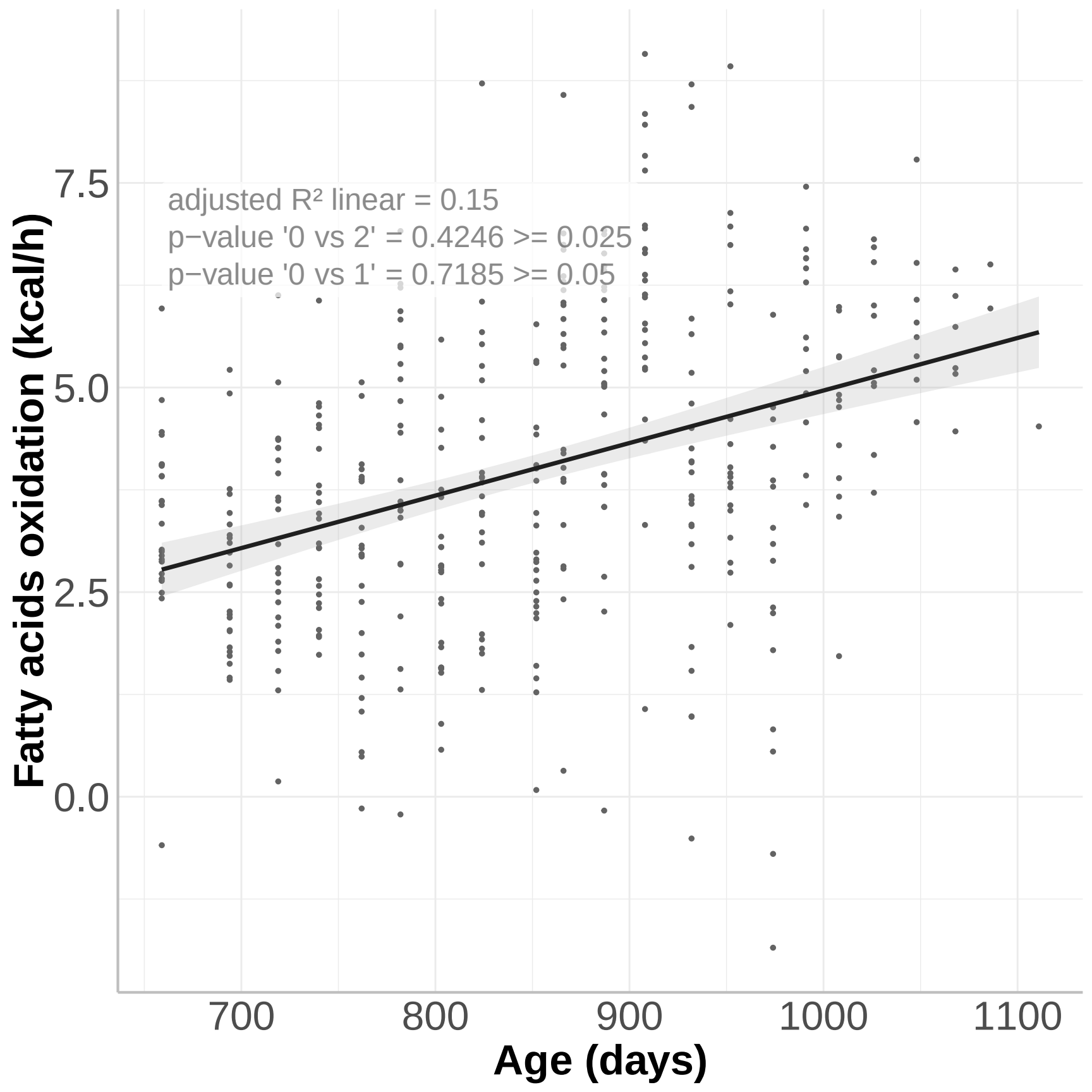

Diurnal energy expenditure (kcal/24h)
8
6
4
2
adjusted R² linear = 0.0049
p−value '0 vs 2' = 0.001224 < 0.025
p−value '1 vs 2' = 0.4487 >= 0.05
adjusted R² segmented = 0.031
840 days
700
800
900
1000
1100
Age (days)

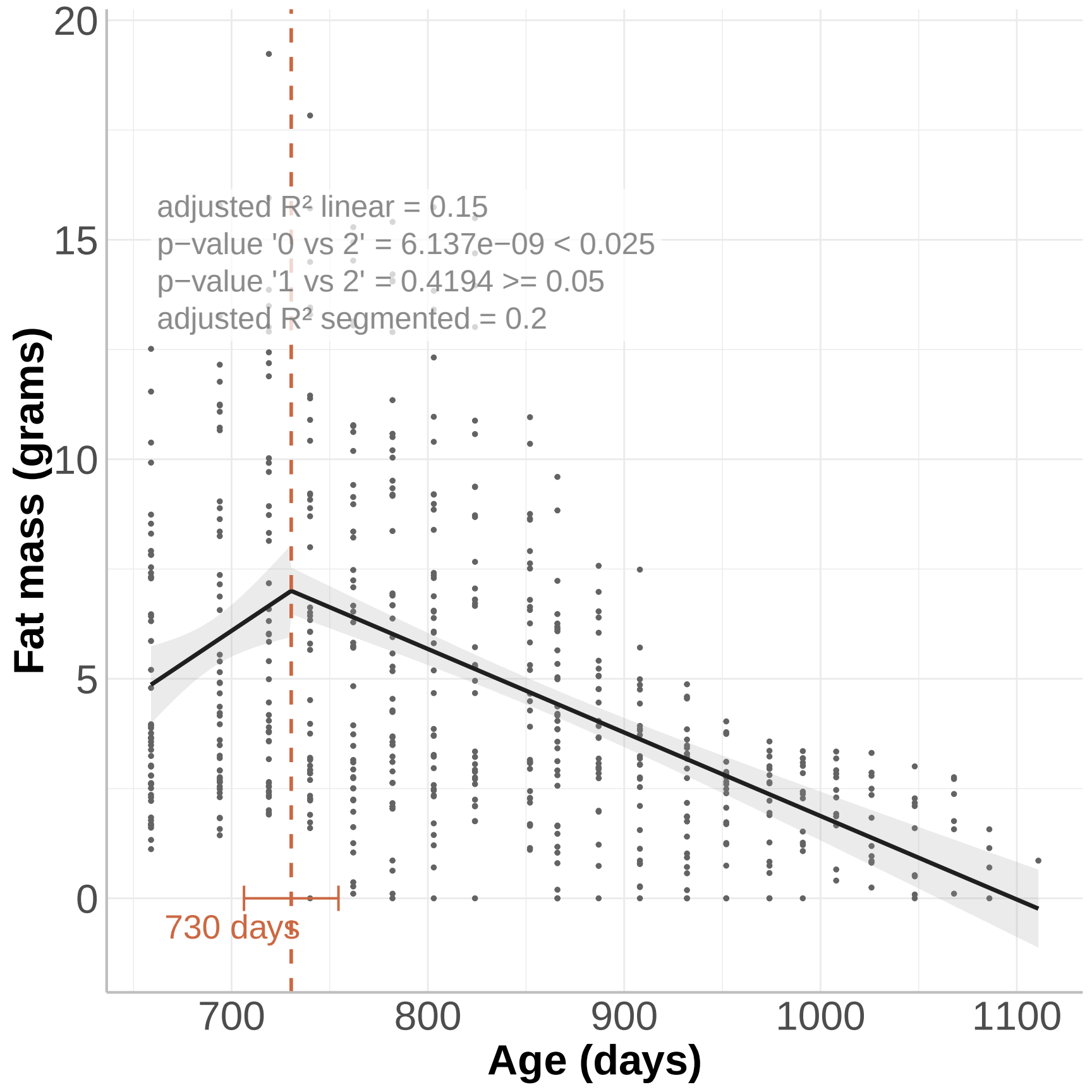

Nocturnal energy expenditure (kcal/h)
0.8
0.6
0.4
0.2
adjusted R² linear = 0.0034
p−value '0 vs 2' = 0.03397 >= 0.025
p−value '0 vs 1' = 0.0594 >= 0.05
700
800
900
1000
1100
Age (days)

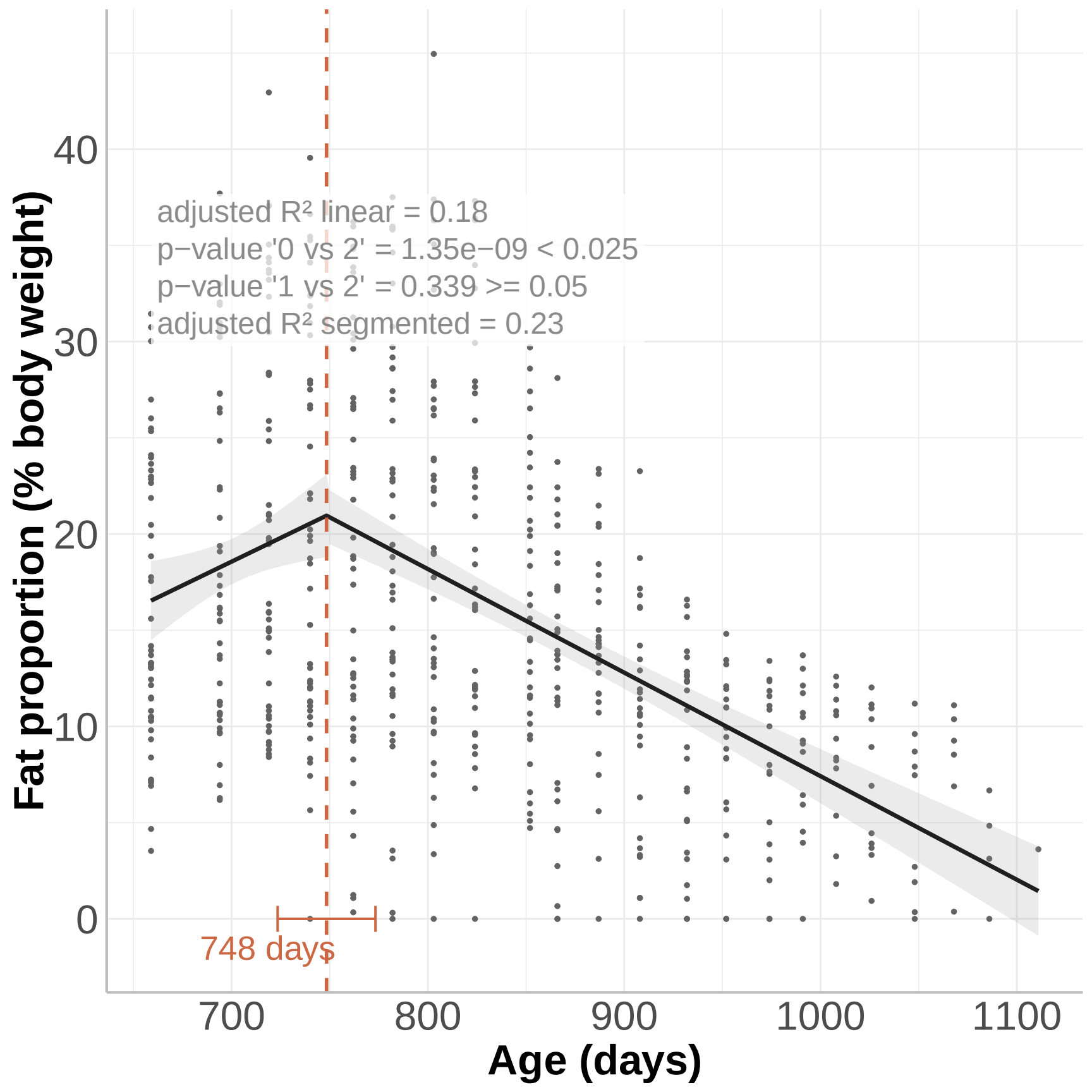

Nocturnal energy expenditure (kcal/24h)
8
6
4
2
adjusted R² linear = 0.0034
p−value '0 vs 2' = 0.034 >= 0.025
p−value '0 vs 1' = 0.05943 >= 0.05
700
800
900
1000
1100
Age (days)

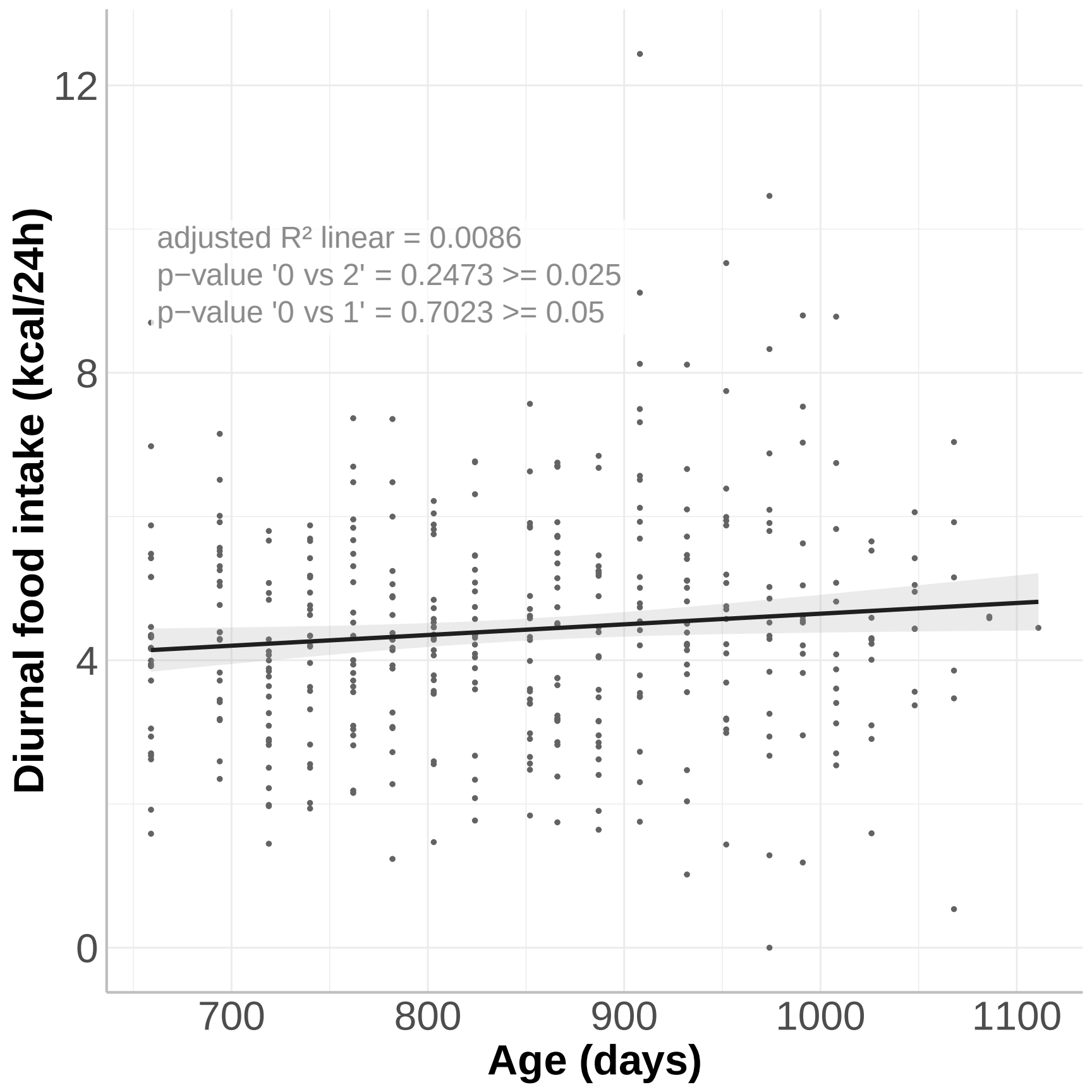

Sum of diurnal and nocturnal energy expenditure (kcal/24h)
15
10
5
adjusted R² linear = −0.0025
p−value '0 vs 2' = 0.009468 < 0.025
p−value '1 vs 2' = 0.8181 >= 0.05
adjusted R² segmented = 0.018
760 days
700
800
900
1000
1100
Age (days)

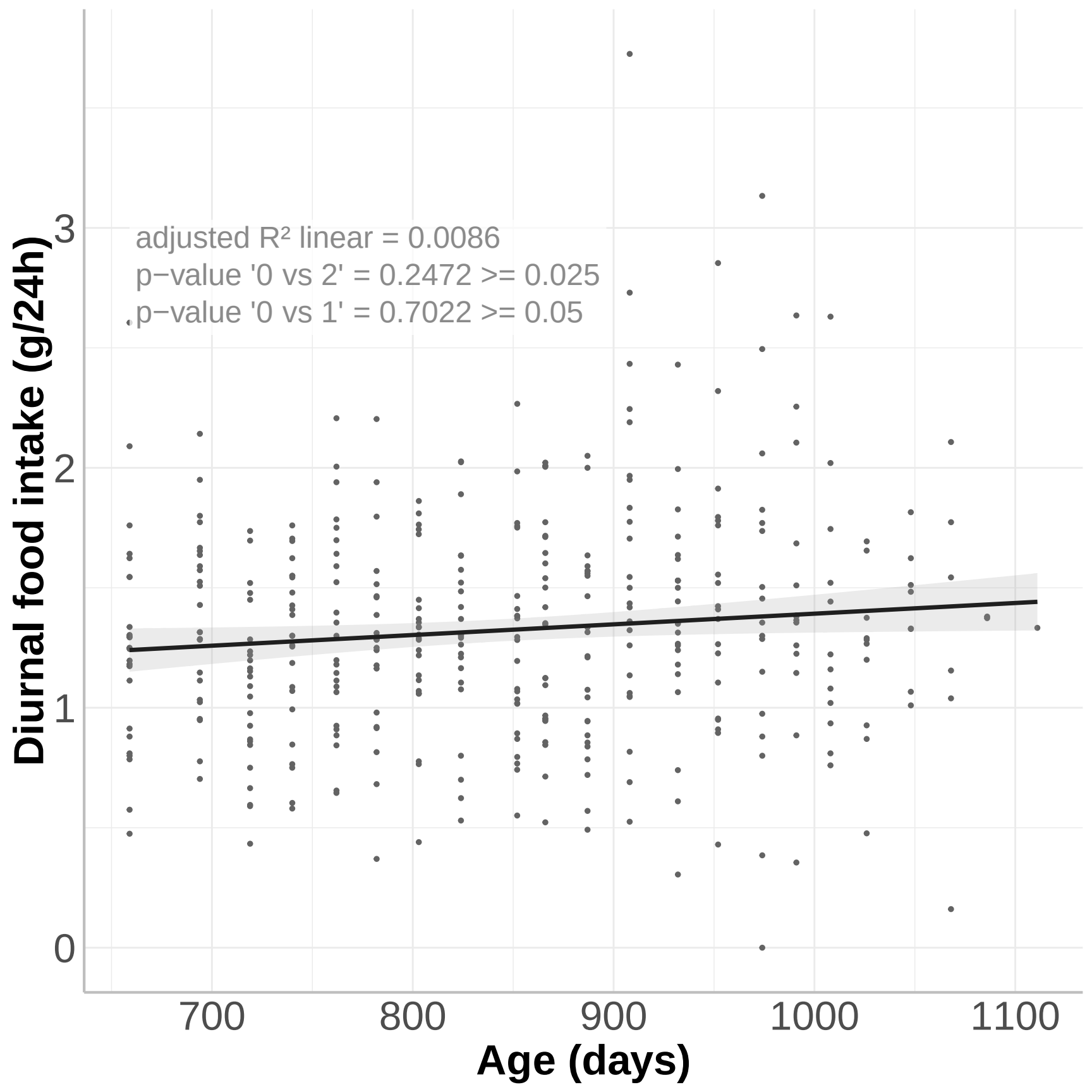

Estimated resting energy (kcal/h)
0.6
0.5
0.4
0.3
0.2
adjusted R² linear = 0.00031
p−value '0 vs 2' = 5.308e−06 < 0.025
p−value '1 vs 2' = 0.4648 >= 0.05
adjusted R² segmented = 0.056
852 days
700
800
900
1000
1100
Age (days)

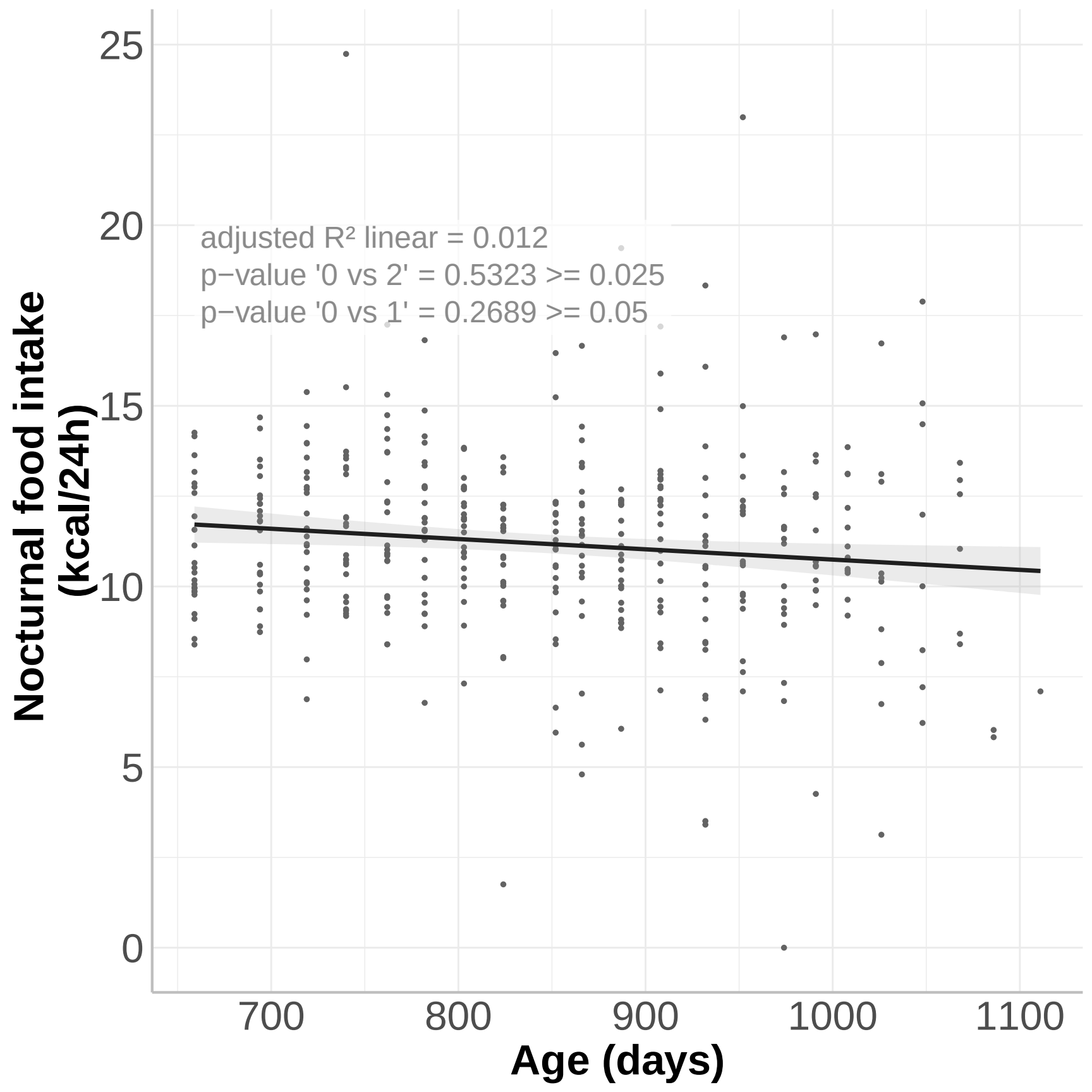

adjusted R² linear = 0.15
p−value '0 vs 2' = 0.4246 >= 0.025
p−value '0 vs 1' = 0.7185 >= 0.05
Fatty acids oxidation (kcal/h)
7.5
5.0
2.5
0.0
700
800
900
1000
1100
Age (days)

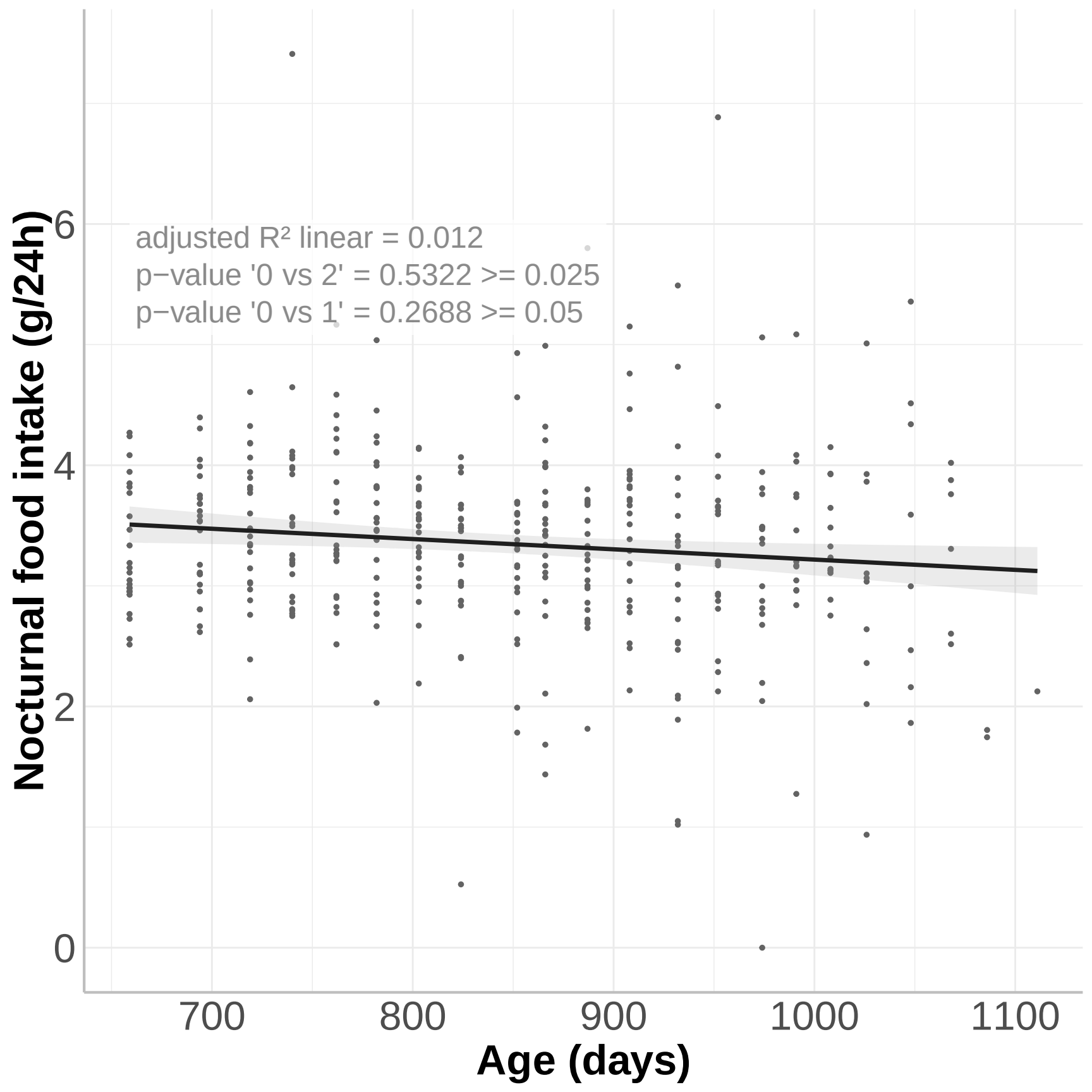

adjusted R² linear = 0.15
p−value '0 vs 2' = 6.137e−09 < 0.025
p−value '1 vs 2' = 0.4194 >= 0.05
adjusted R² segmented = 0.2
730 days
Fat mass (grams)
Age (days)
0
5
10
15
20
700
800
900
1000
1100

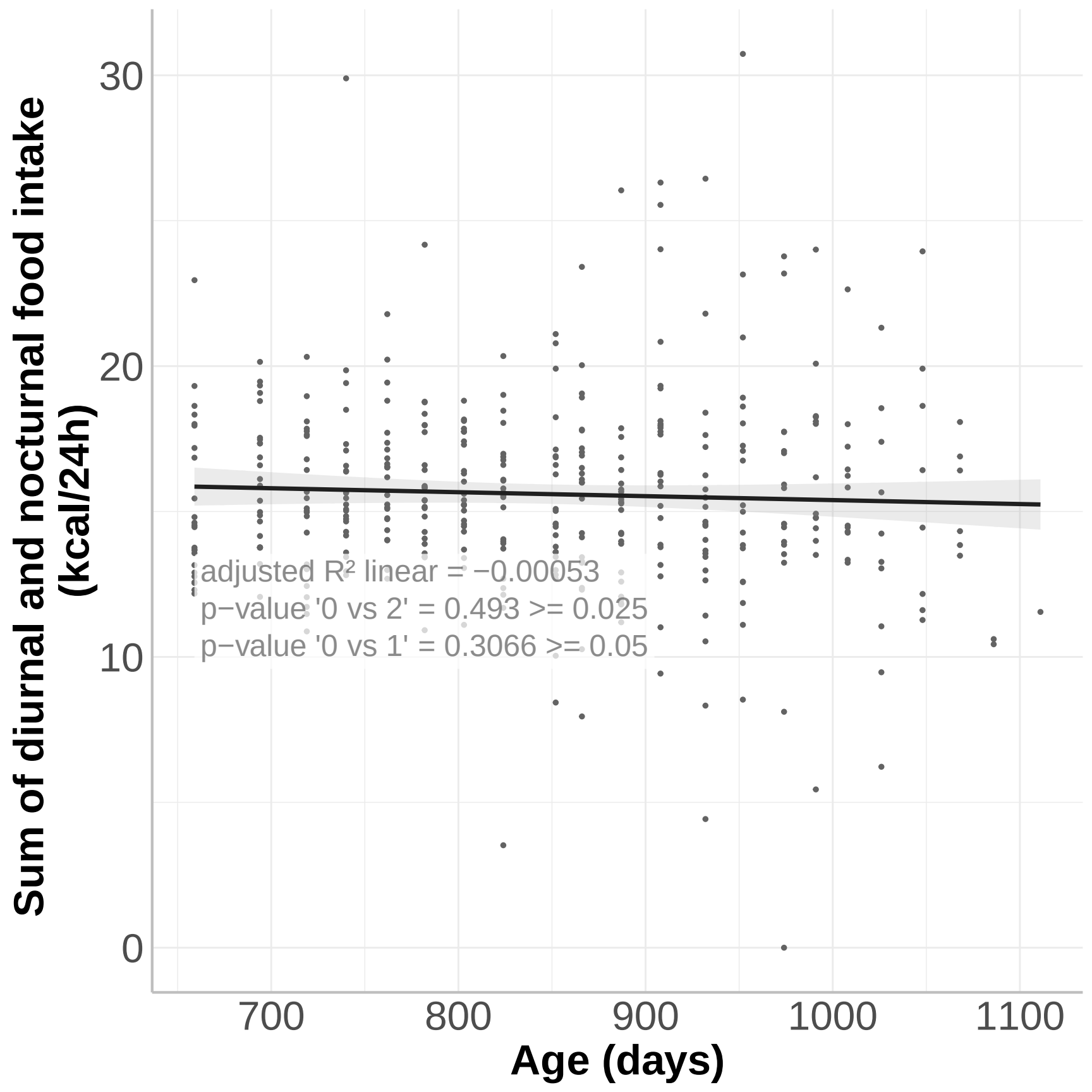

adjusted R² linear = 0.18
p−value '0 vs 2' = 1.35e−09 < 0.025
p−value '1 vs 2' = 0.339 >= 0.05
adjusted R² segmented = 0.23
748 days
Fat proportion (% body weight)
Age (days)
0
10
20
30
40
700
800
900
1000
1100

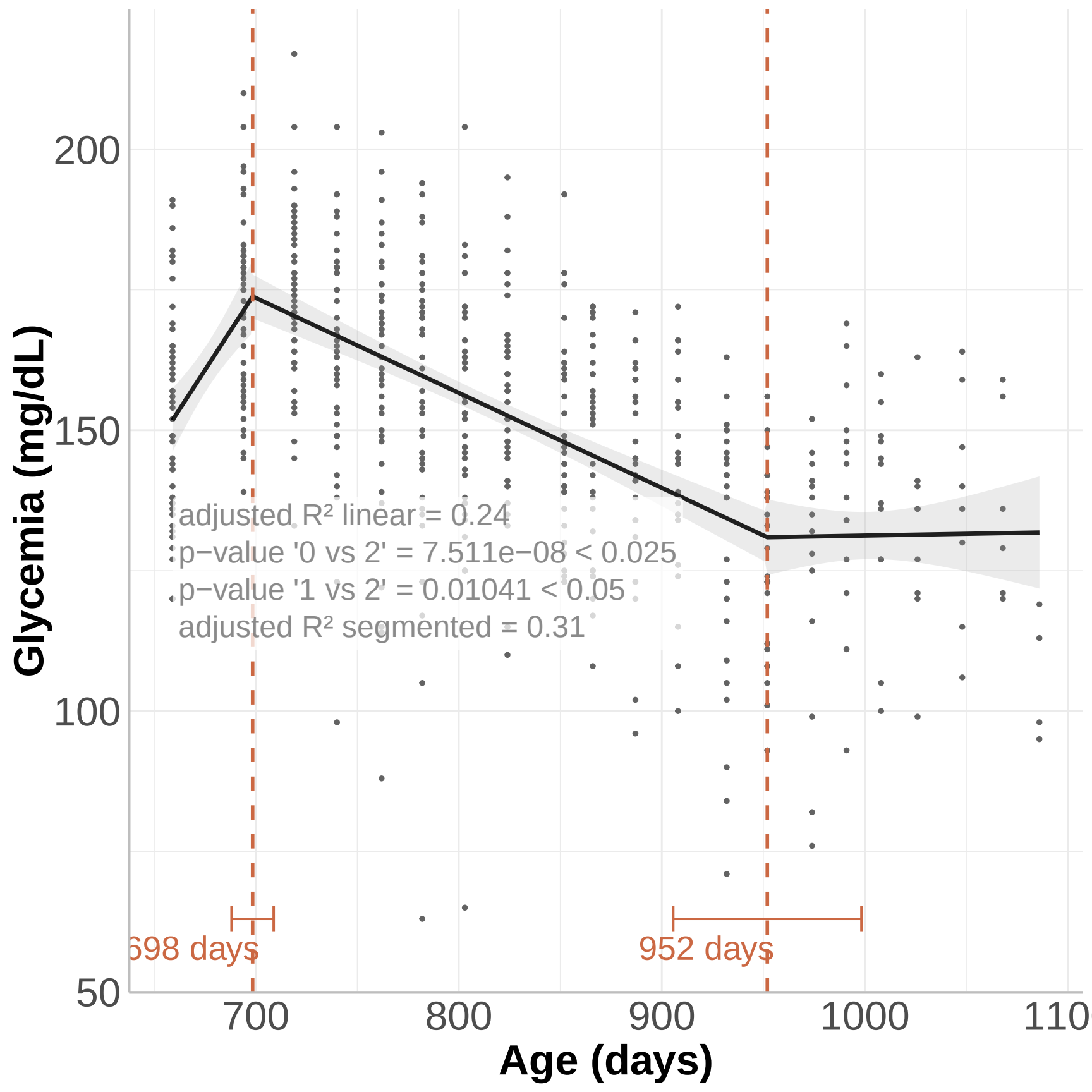

adjusted R² linear = 0.0086
p−value '0 vs 2' = 0.2473 >= 0.025
p−value '0 vs 1' = 0.7023 >= 0.05
Diurnal food intake (kcal/24h)
0
4
8
12
700
800
900
1000
1100
Age (days)

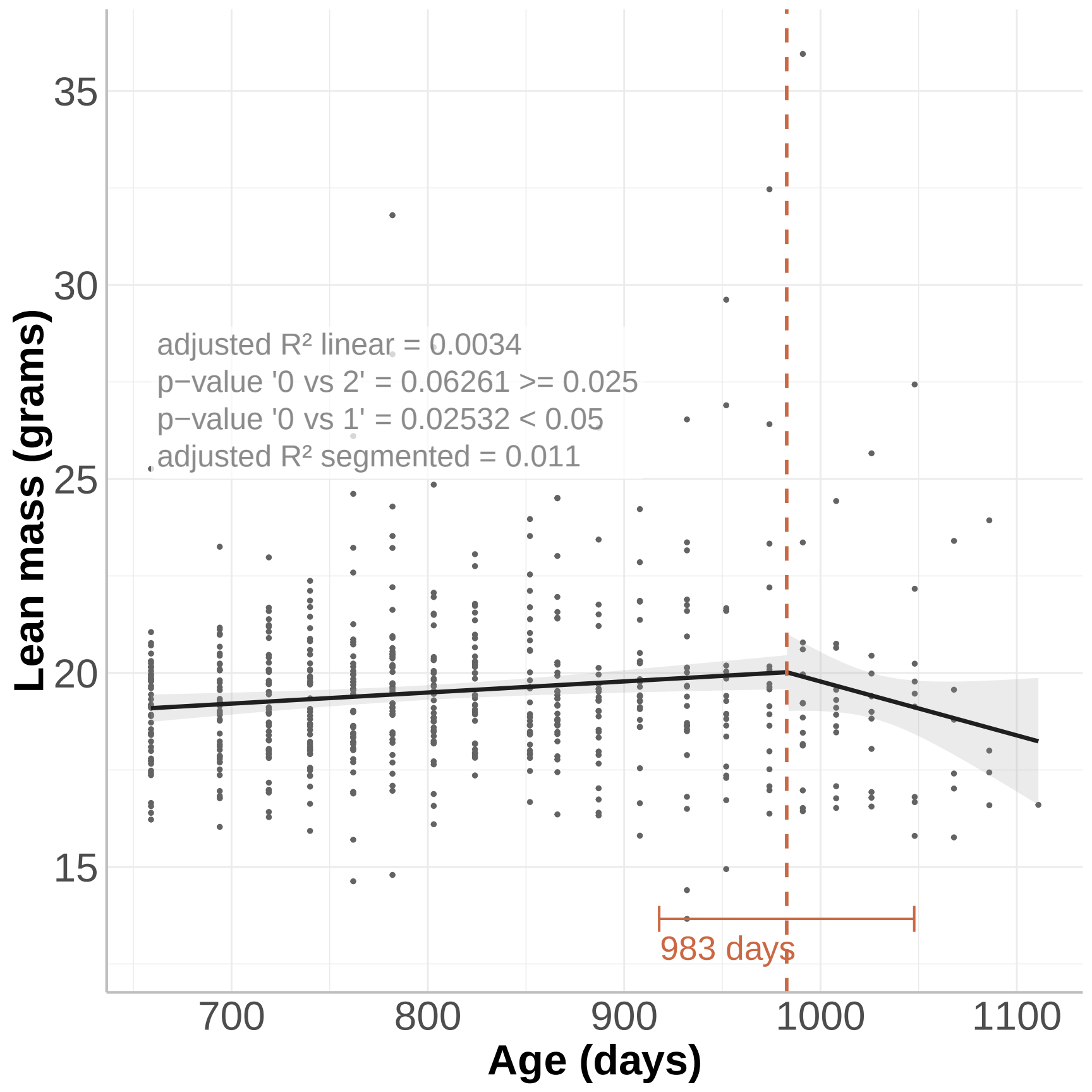

adjusted R² linear = 0.0086
p−value '0 vs 2' = 0.2472 >= 0.025
p−value '0 vs 1' = 0.7022 >= 0.05
Diurnal food intake (g/24h)
0
1
2
3
700
800
900
1000
1100
Age (days)

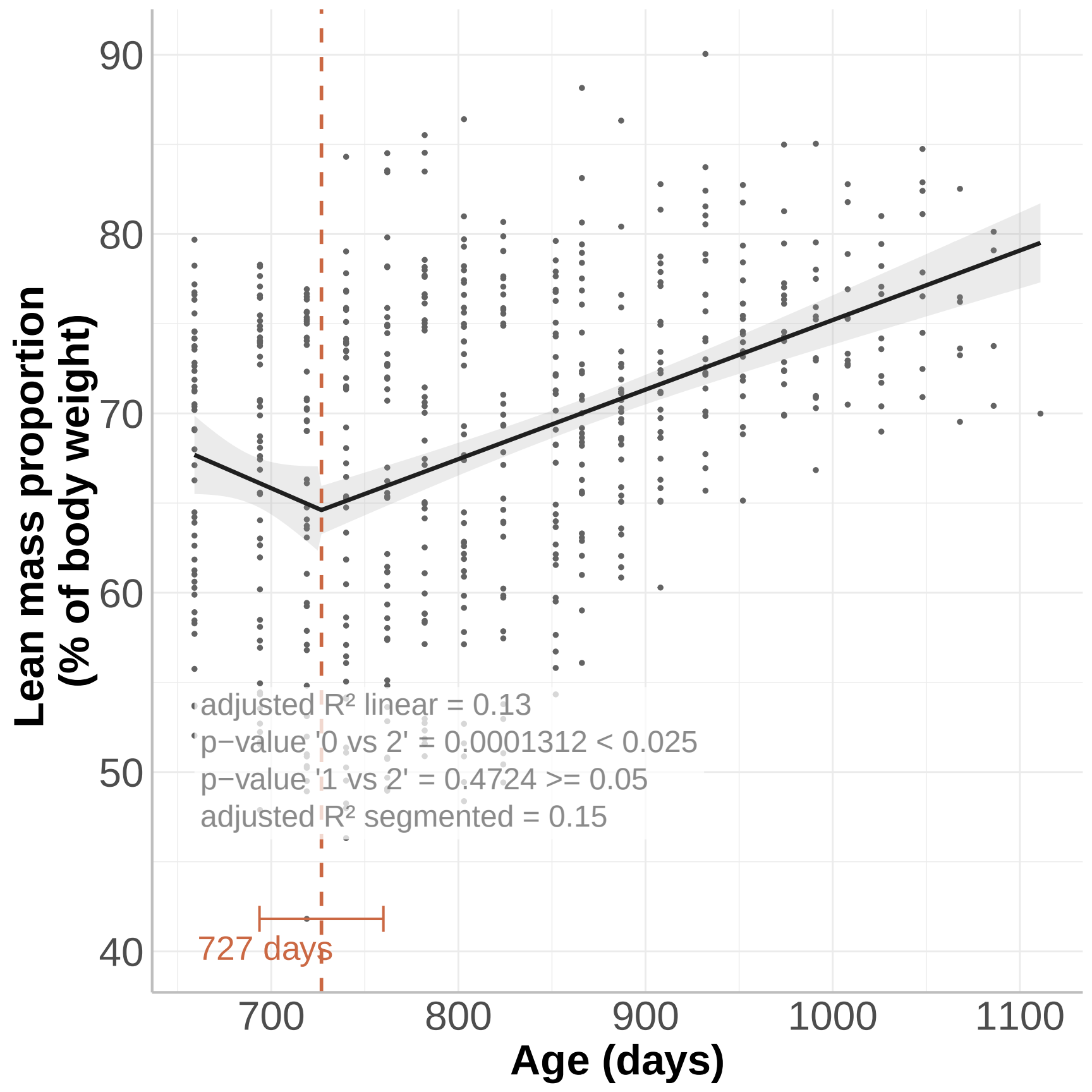

adjusted R² linear = 0.012
p−value '0 vs 2' = 0.5323 >= 0.025
p−value '0 vs 1' = 0.2689 >= 0.05
Nocturnal food intake (kcal/24h)
25
20
15
10
5
0
700
800
900
1000
1100
Age (days)

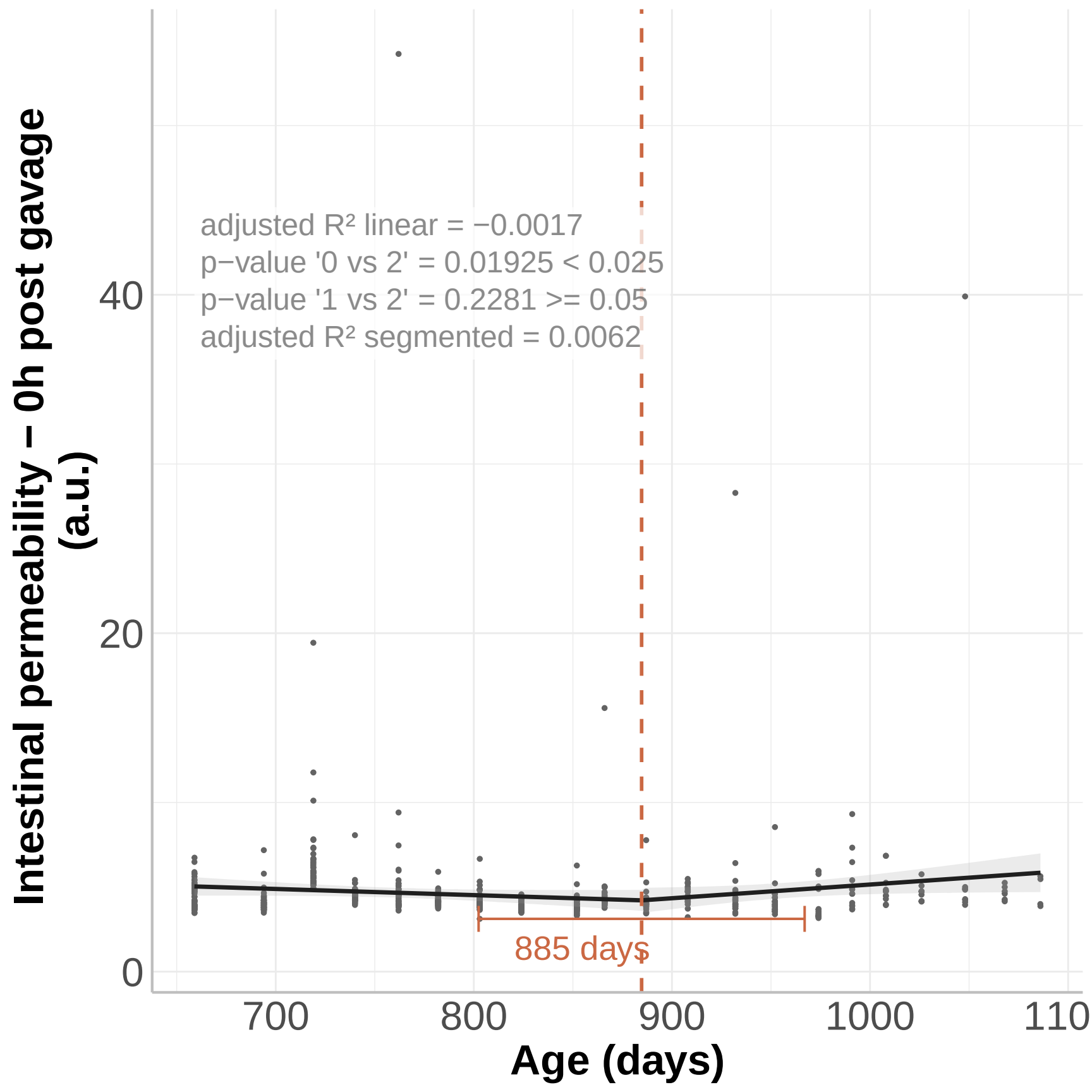

adjusted R² linear = 0.012
p−value '0 vs 2' = 0.5322 >= 0.025
p−value '0 vs 1' = 0.2688 >= 0.05
Nocturnal food intake (g/24h)
0
2
4
6
700
800
900
1000
1100
Age (days)

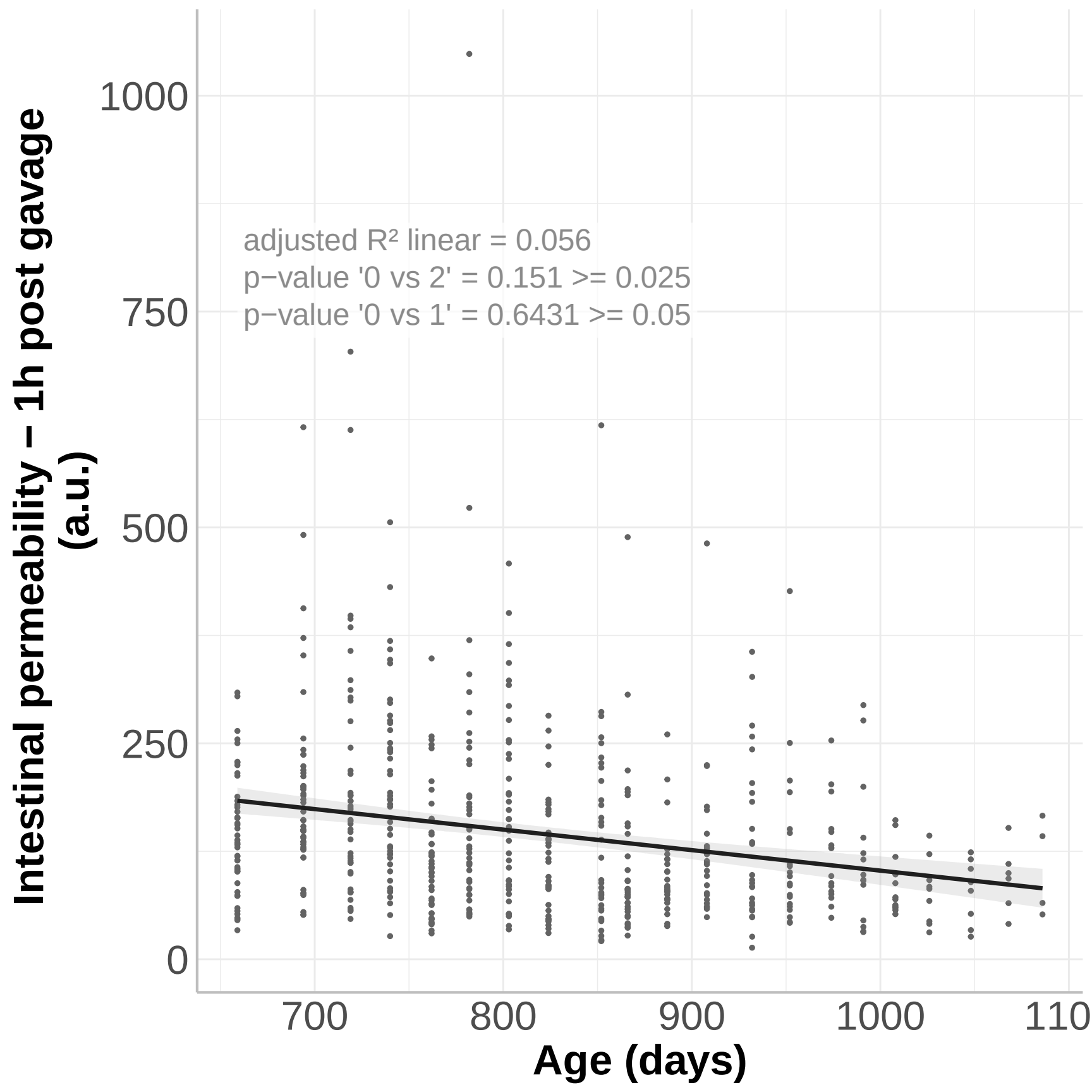

Sum of diurnal and nocturnal food intake (kcal/24h)
30
20
10
0
700
800
900
1000
1100
Age (days)
adjusted R² linear = −0.00053
p−value '0 vs 2' = 0.493 >= 0.025
p−value '0 vs 1' = 0.3066 >= 0.05

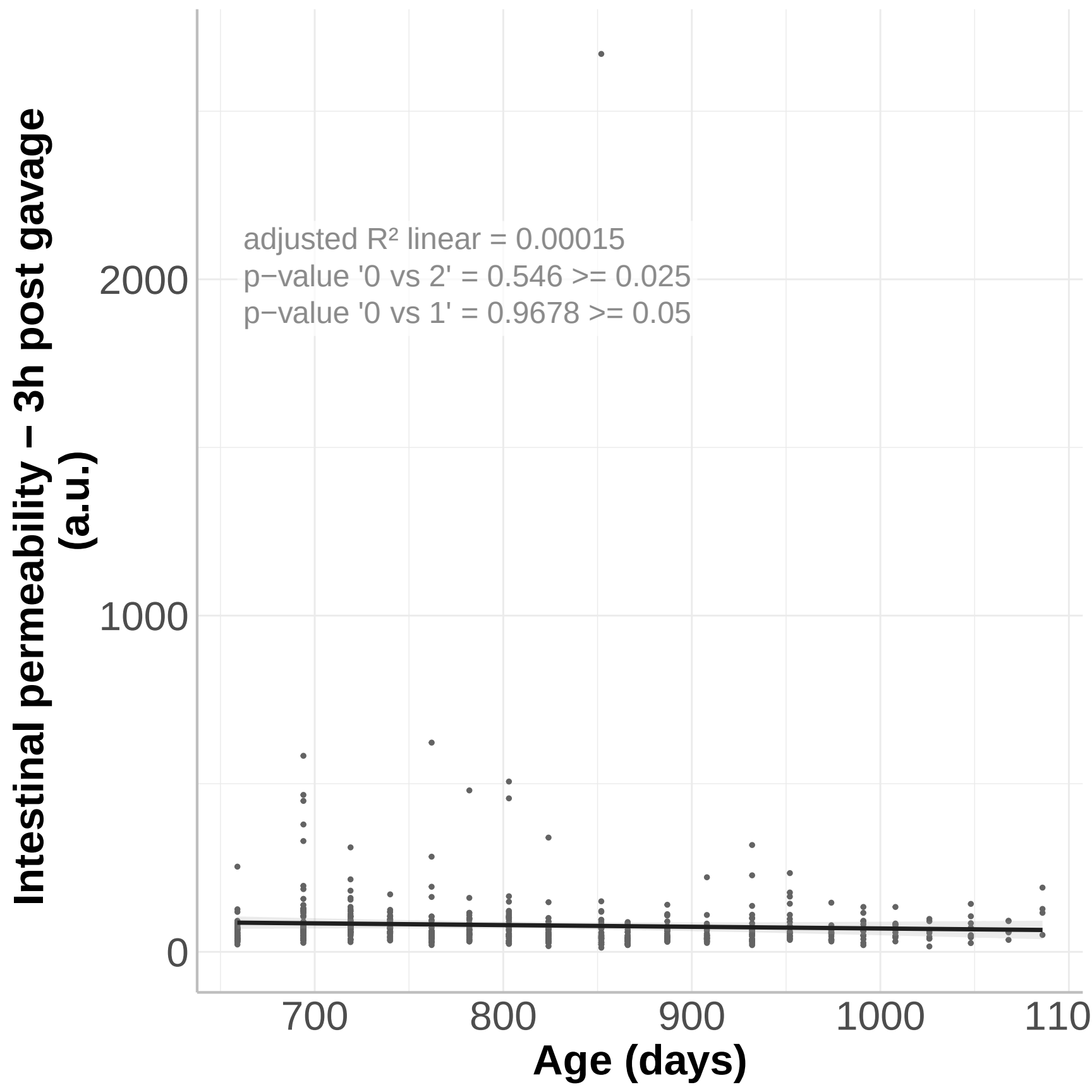

Glycemia (mg/dL)
200
150
100
50
700
800
900
1000
110
Age (days)
adjusted R² linear = 0.24
p−value '0 vs 2' = 7.511e−08 < 0.025
p−value '1 vs 2' = 0.01041 < 0.05
adjusted R² segmented = 0.31
698 days
952 days

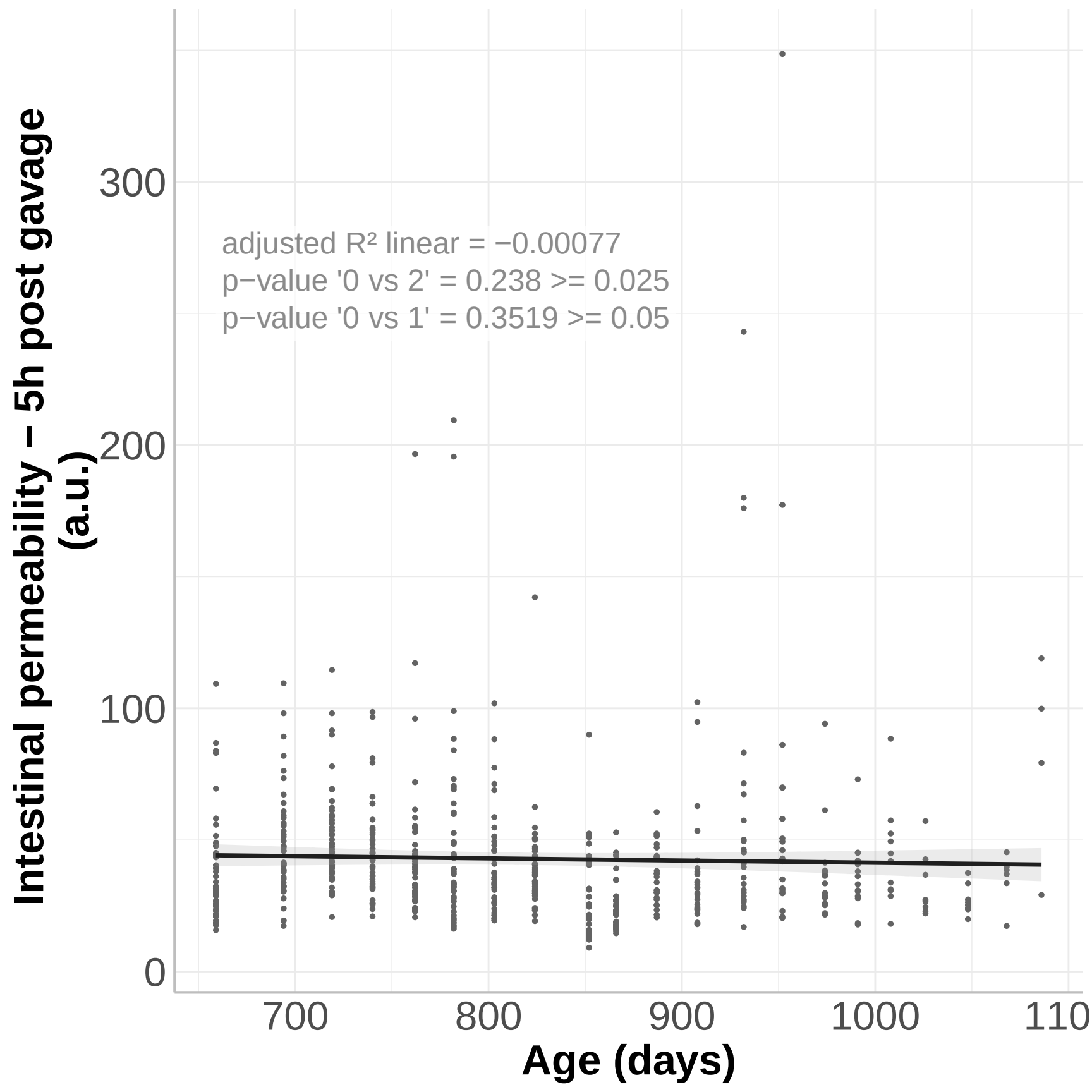

adjusted R² linear = 0.0034
p−value '0 vs 2' = 0.06261 >= 0.025
p−value '0 vs 1' = 0.02532 < 0.05
adjusted R² segmented = 0.011
983 days
Lean mass (grams)
35
30
25
20
15
700
800
900
1000
1100
Age (days)

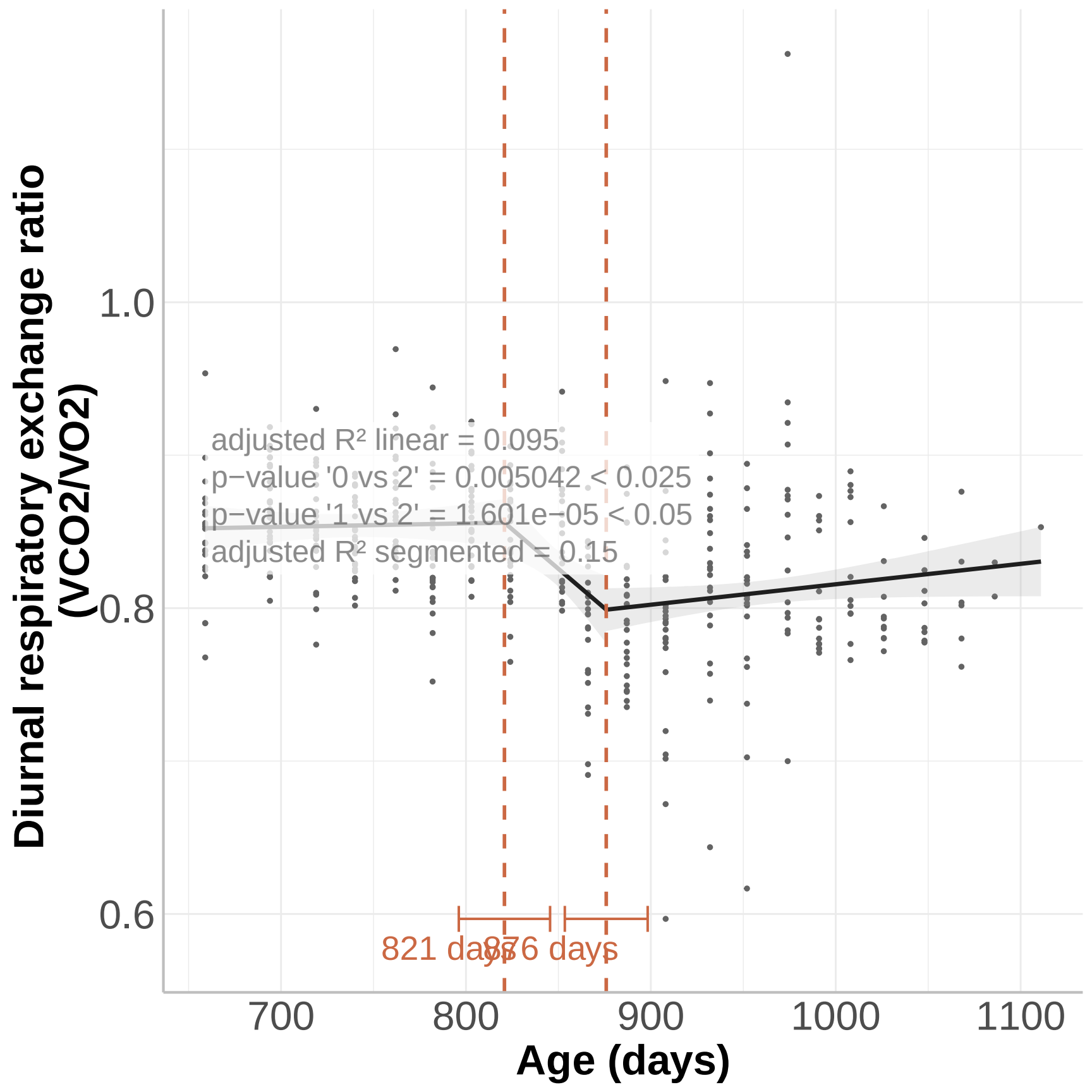

Lean mass proportion
(% of body weight)
90
80
70
60
50
40
700
800
900
1000
1100
Age (days)
adjusted R² linear = 0.13
p−value '0 vs 2' = 0.0001312 < 0.025
p−value '1 vs 2' = 0.4724 >= 0.05
adjusted R² segmented = 0.15
727 days

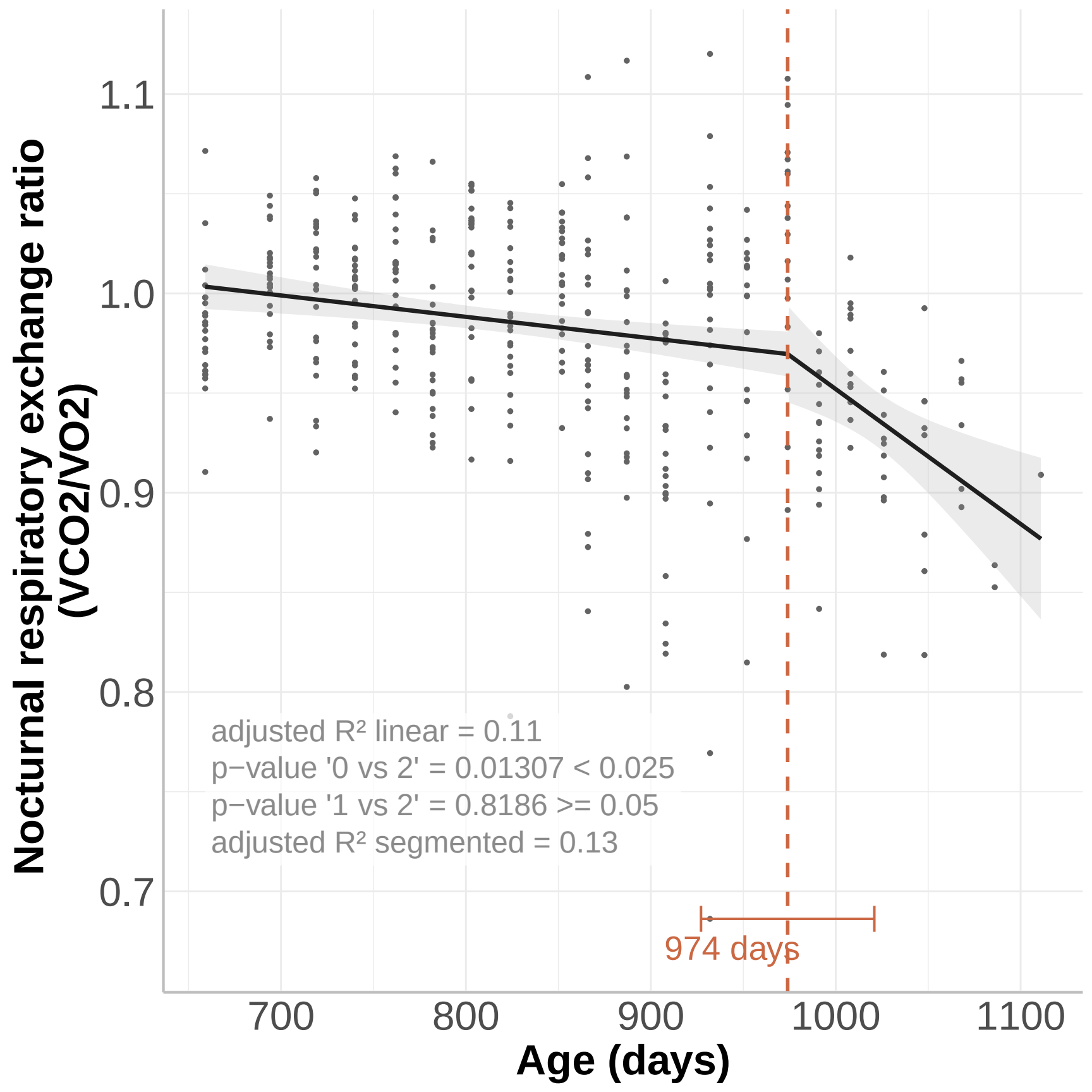

adjusted R² linear = −0.0017
p−value '0 vs 2' = 0.01925 < 0.025
p−value '1 vs 2' = 0.2281 >= 0.05
adjusted R² segmented = 0.0062
885 days
Intestinal permeability – 0h post gavage (a.u.)
0
20
40
700
800
900
1000
110
Age (days)

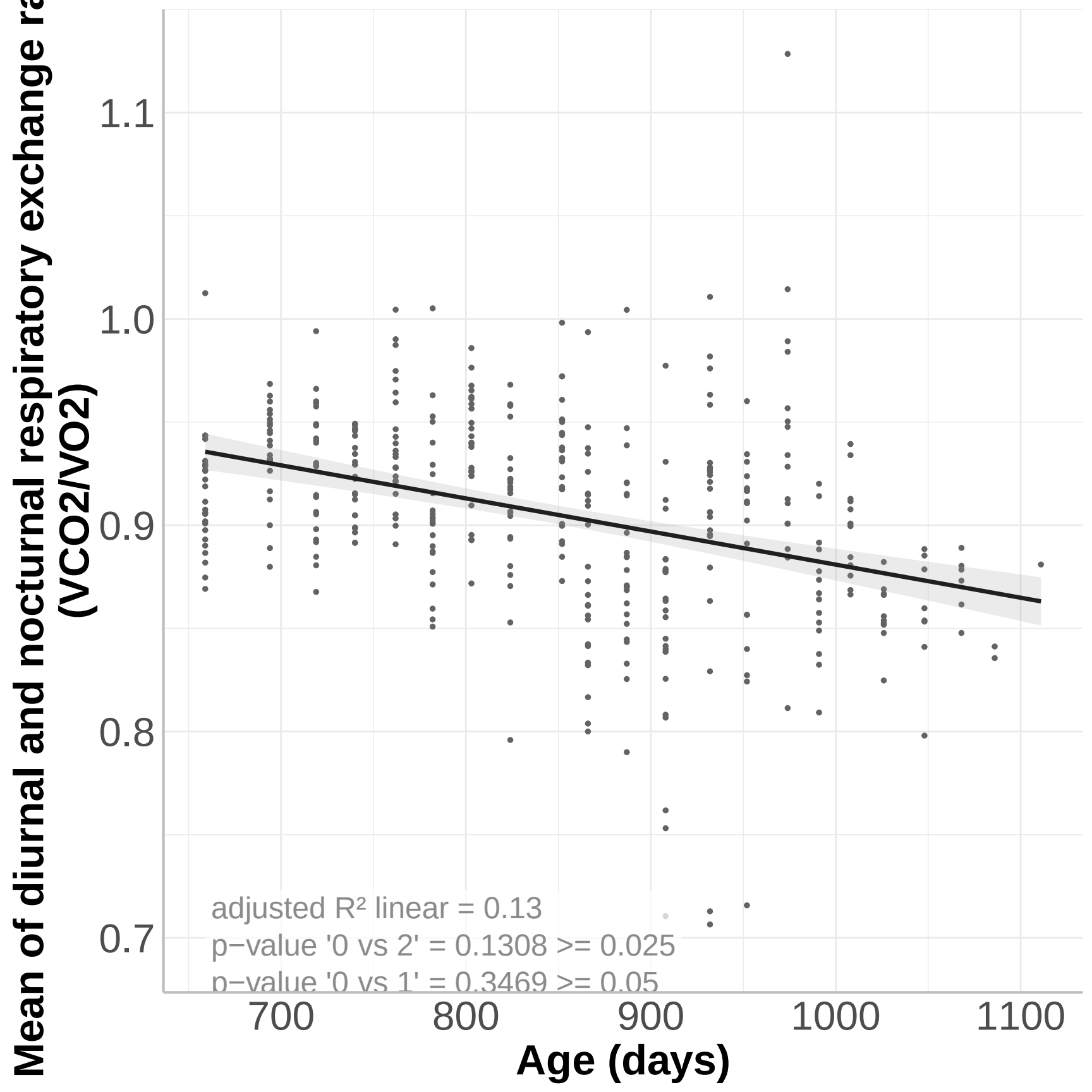

adjusted R² linear = 0.056
p−value '0 vs 2' = 0.151 >= 0.025
p−value '0 vs 1' = 0.6431 >= 0.05
Intestinal permeability – 1h post gavage (a.u.)
1000
750
500
250
0
700
800
900
1000
110
Age (days)

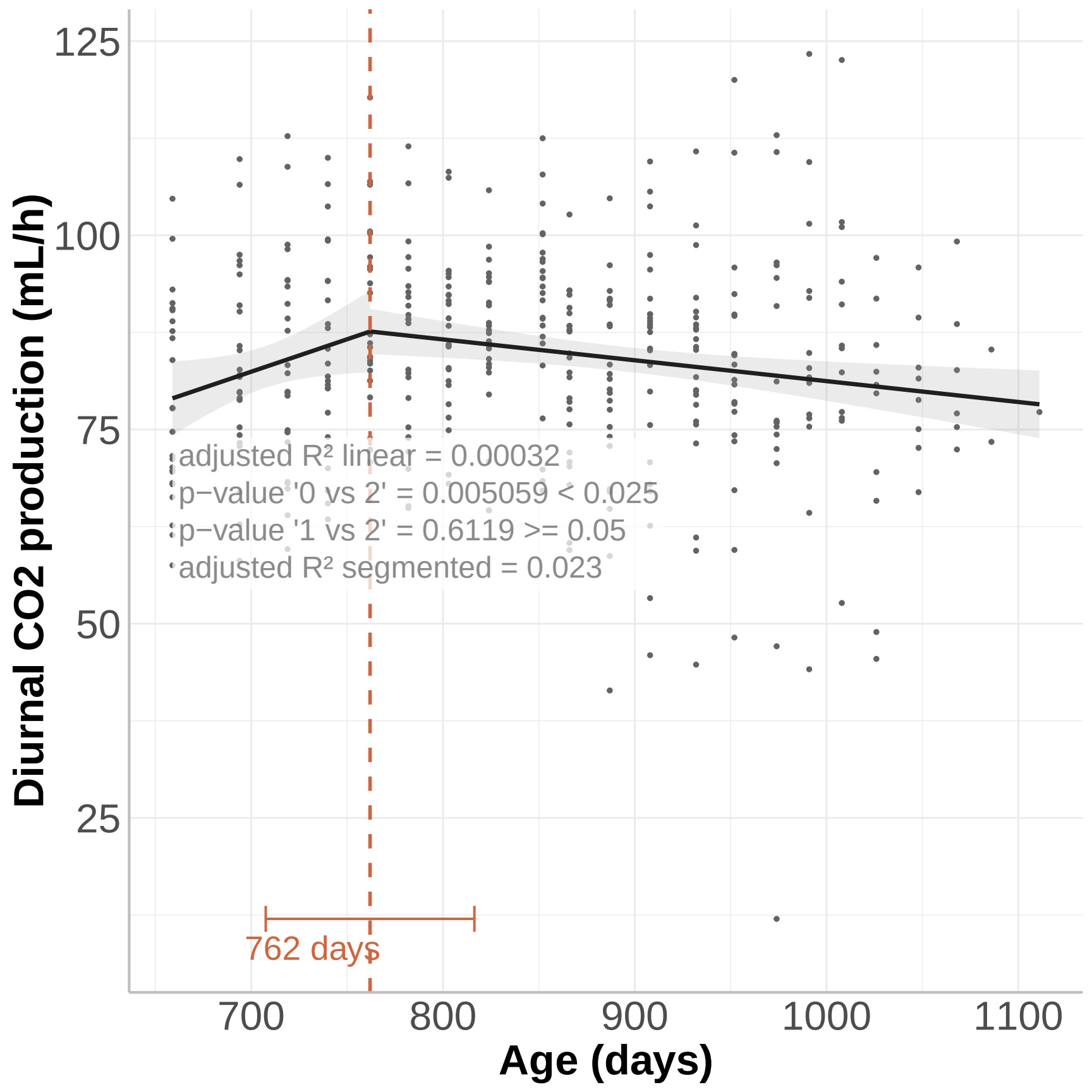

adjusted R² linear = 0.00015
p−value '0 vs 2' = 0.546 >= 0.025
p−value '0 vs 1' = 0.9678 >= 0.05
Intestinal permeability – 3h post gavage (a.u.)
2000
1000
0
700
800
900
1000
110
Age (days)

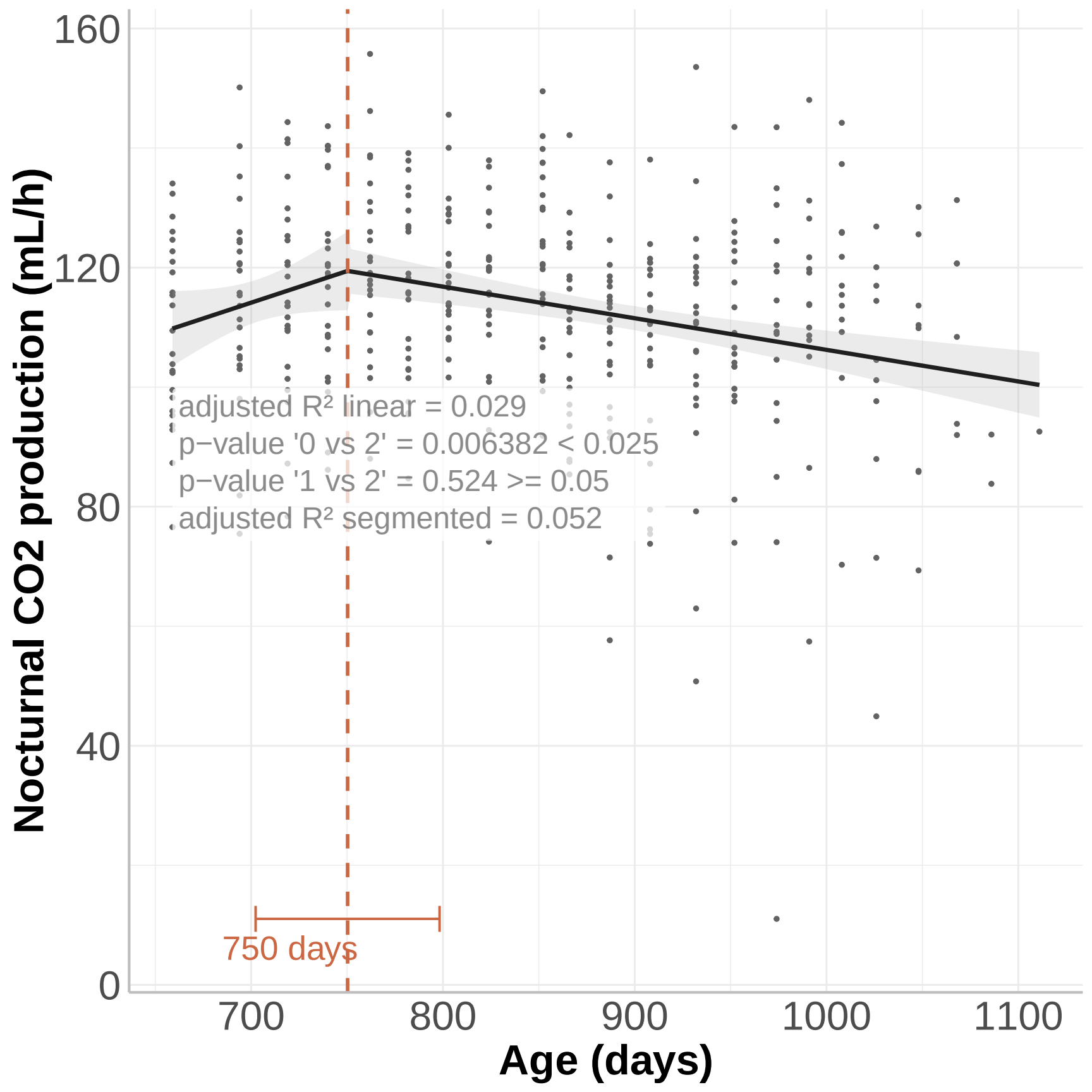

adjusted R² linear = −0.00077
p−value '0 vs 2' = 0.238 >= 0.025
p−value '0 vs 1' = 0.3519 >= 0.05
Intestinal permeability – 5h post gavage (a.u.)
300
200
100
0
700
800
900
1000
110
Age (days)

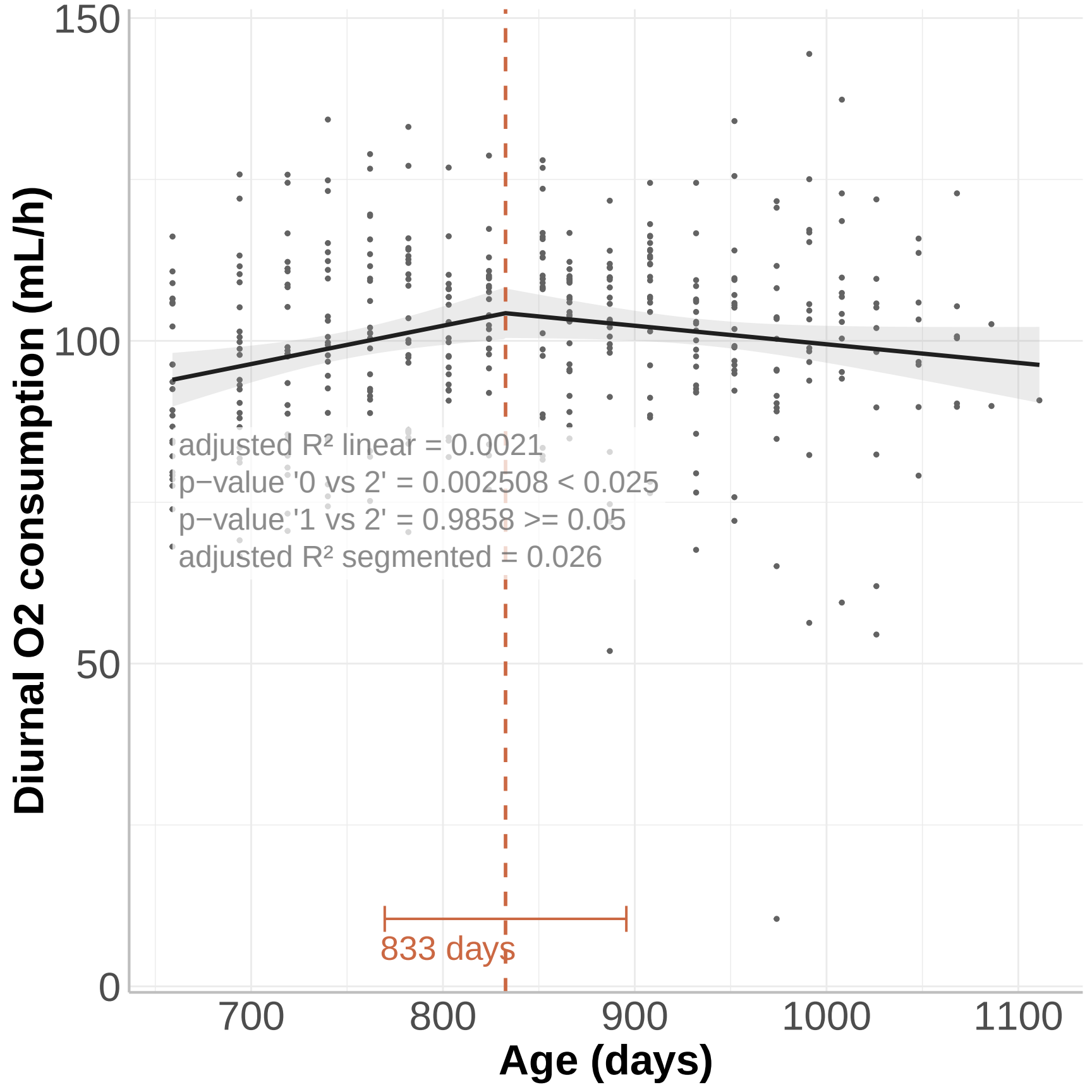

Diurnal respiratory exchange ratio (VCO2/VO2)
1.0
0.8
0.6
adjusted R² linear = 0.095
p−value '0 vs 2' = 0.005042 < 0.025
p−value '1 vs 2' = 1.601e−05 < 0.05
adjusted R² segmented = 0.15
821 days
876 days
700
800
900
1000
1100
Age (days)

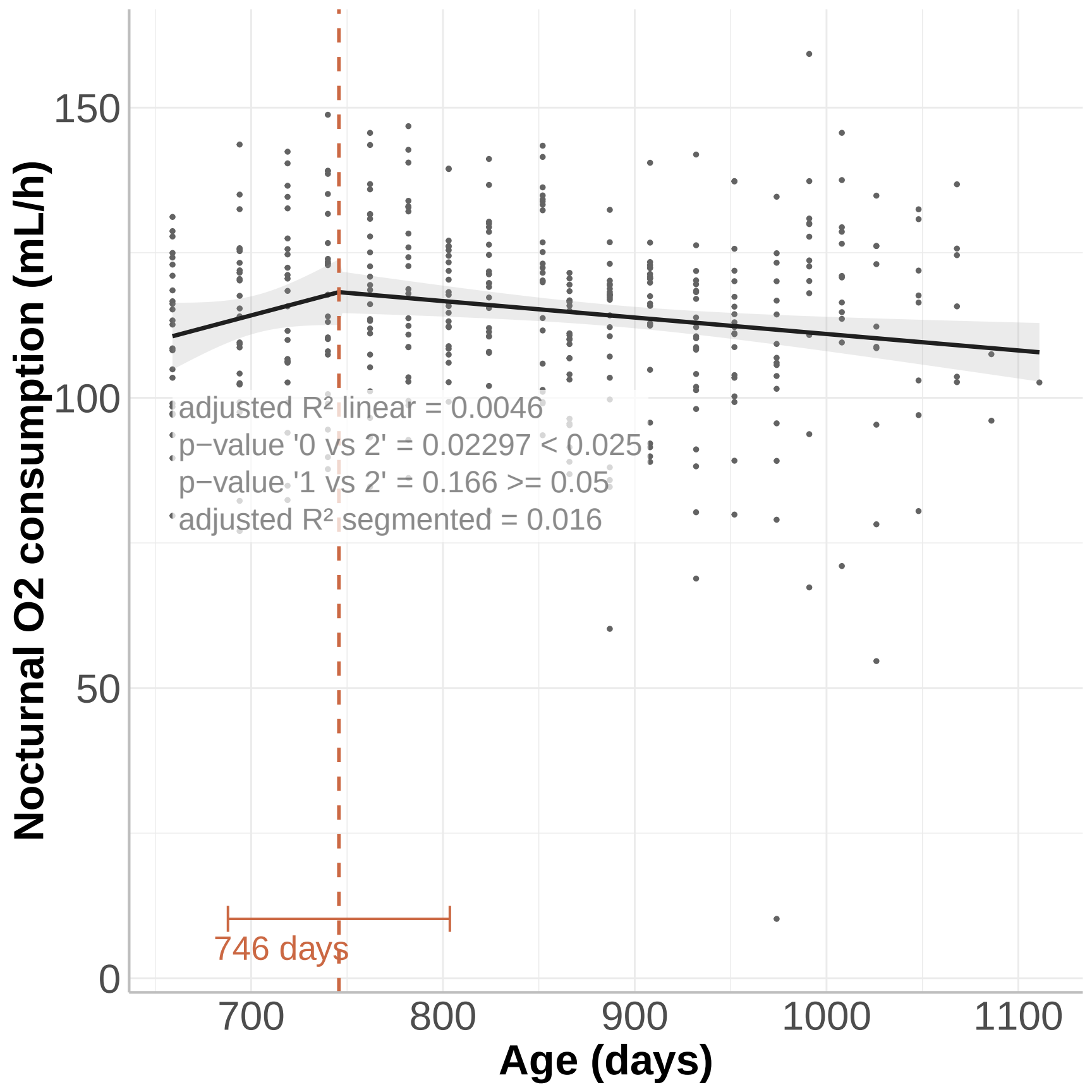

Nocturnal respiratory exchange ratio (VCO2/VO2)
1.1
1.0
0.9
0.8
0.7
adjusted R² linear = 0.11
p−value '0 vs 2' = 0.01307 < 0.025
p−value '1 vs 2' = 0.8186 >= 0.05
adjusted R² segmented = 0.13
974 days
700
800
900
1000
1100
Age (days)

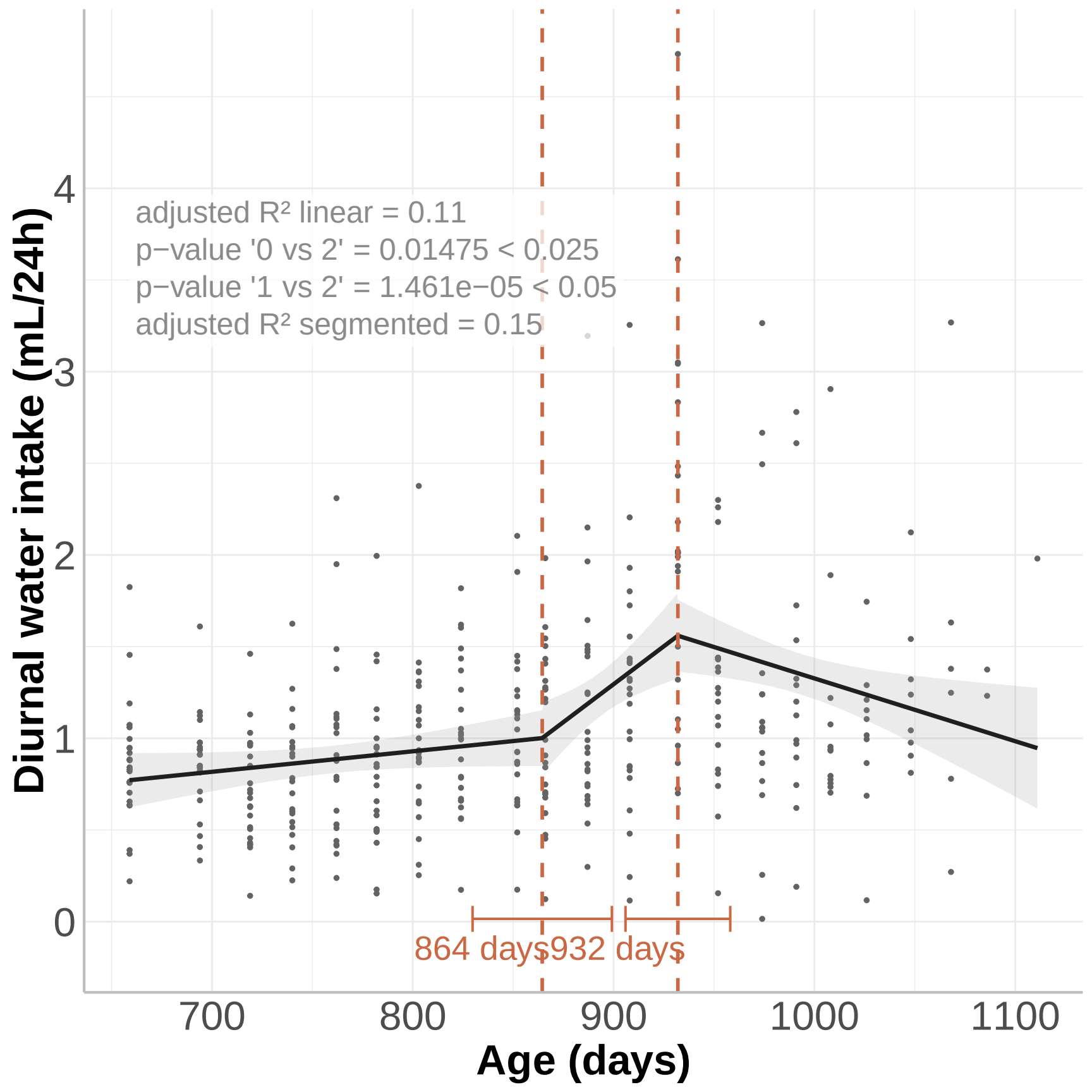

Mean of diurnal and nocturnal respiratory exchange ra
(VCO2/VO2)
1.1
1.0
0.9
0.8
0.7
adjusted R² linear = 0.13
p−value '0 vs 2' = 0.1308 >= 0.025
p−value '0 vs 1' = 0.3469 >= 0.05
700
800
900
1000
1100
Age (days)

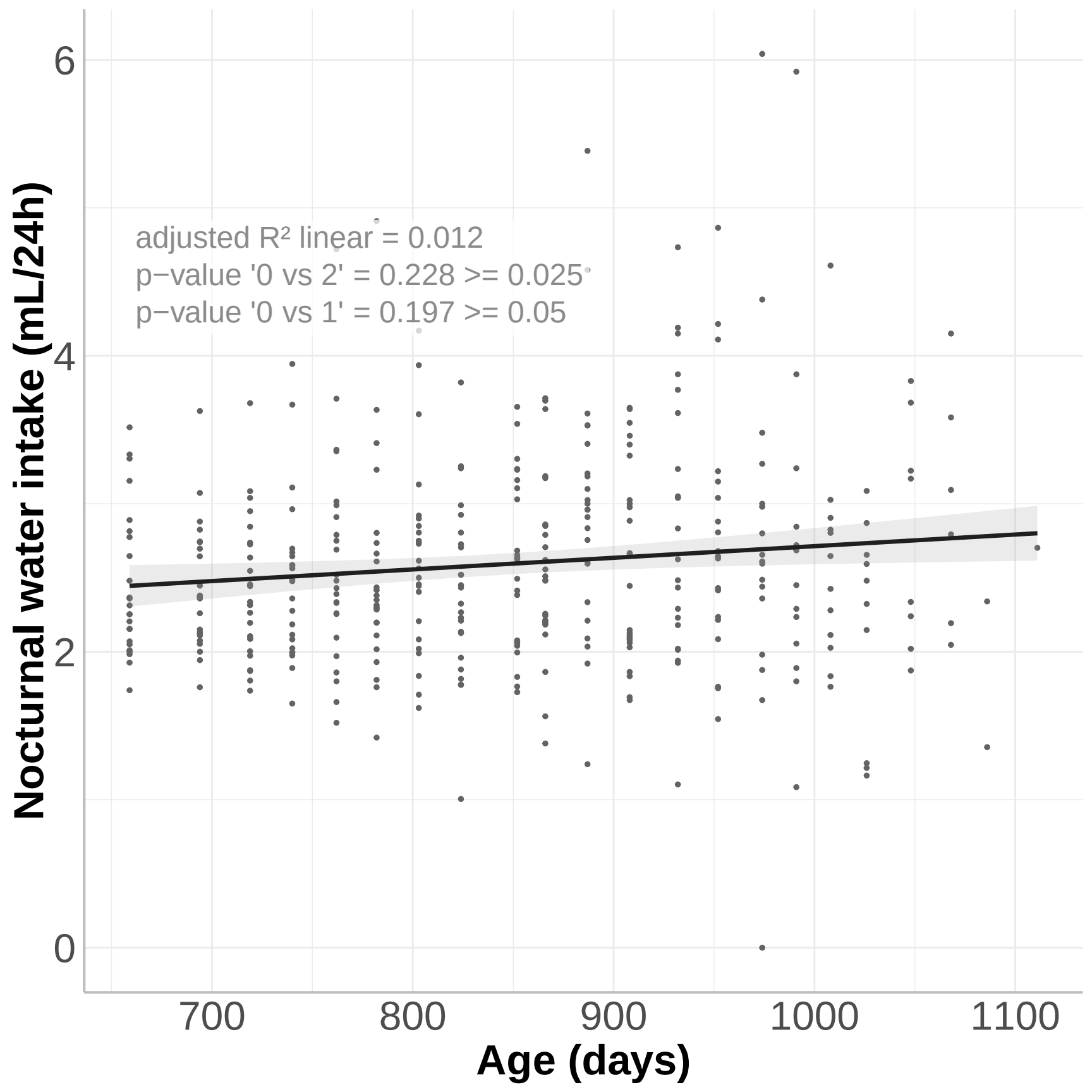

Diurnal CO2 production (mL/h)
125
100
75
50
25
adjusted R² linear = 0.00032
p−value '0 vs 2' = 0.005059 < 0.025
p−value '1 vs 2' = 0.6119 >= 0.05
adjusted R² segmented = 0.023
762 days
700
800
900
1000
1100
Age (days)

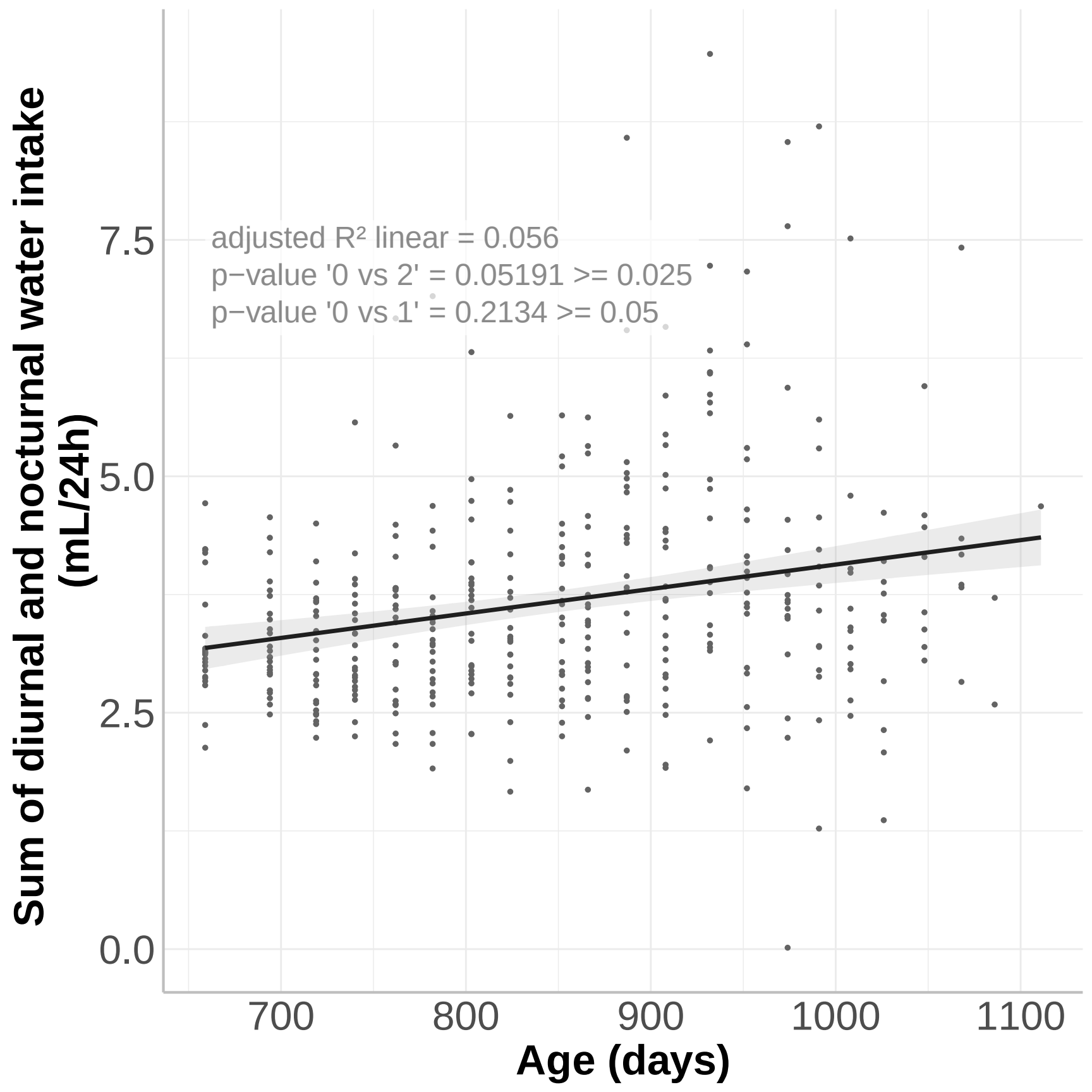

Nocturnal CO2 production (mL/h)
160
120
80
40
0
700
800
900
1000
1100
Age (days)
adjusted R² linear = 0.029
p−value '0 vs 2' = 0.006382 < 0.025
p−value '1 vs 2' = 0.524 >= 0.05
adjusted R² segmented = 0.052
750 days

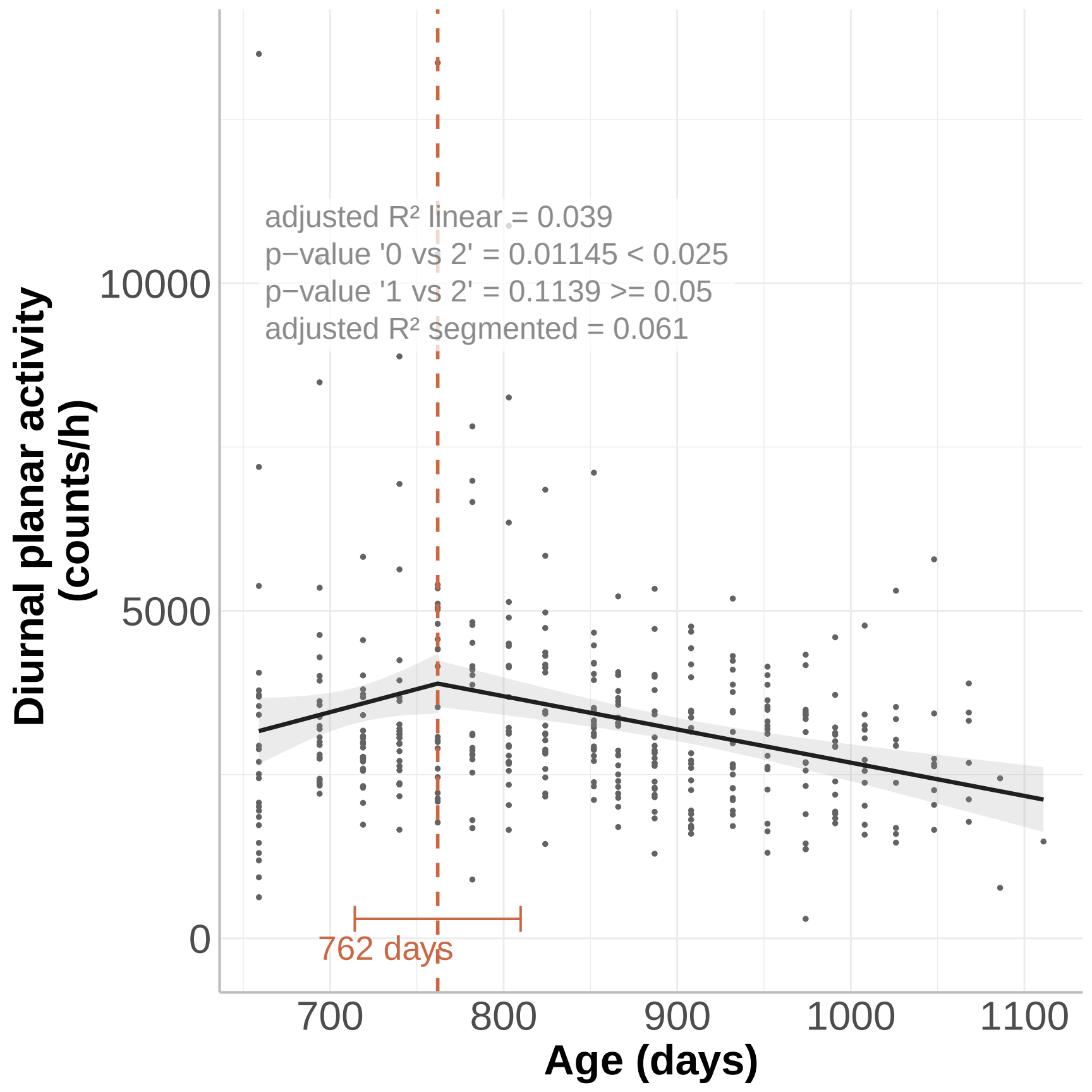

Diurnal O2 consumption (mL/h)
150
100
50
0
700
800
900
1000
1100
Age (days)
adjusted R² linear = 0.0021
p−value '0 vs 2' = 0.002508 < 0.025
p−value '1 vs 2' = 0.9858 >= 0.05
adjusted R² segmented = 0.026
833 days

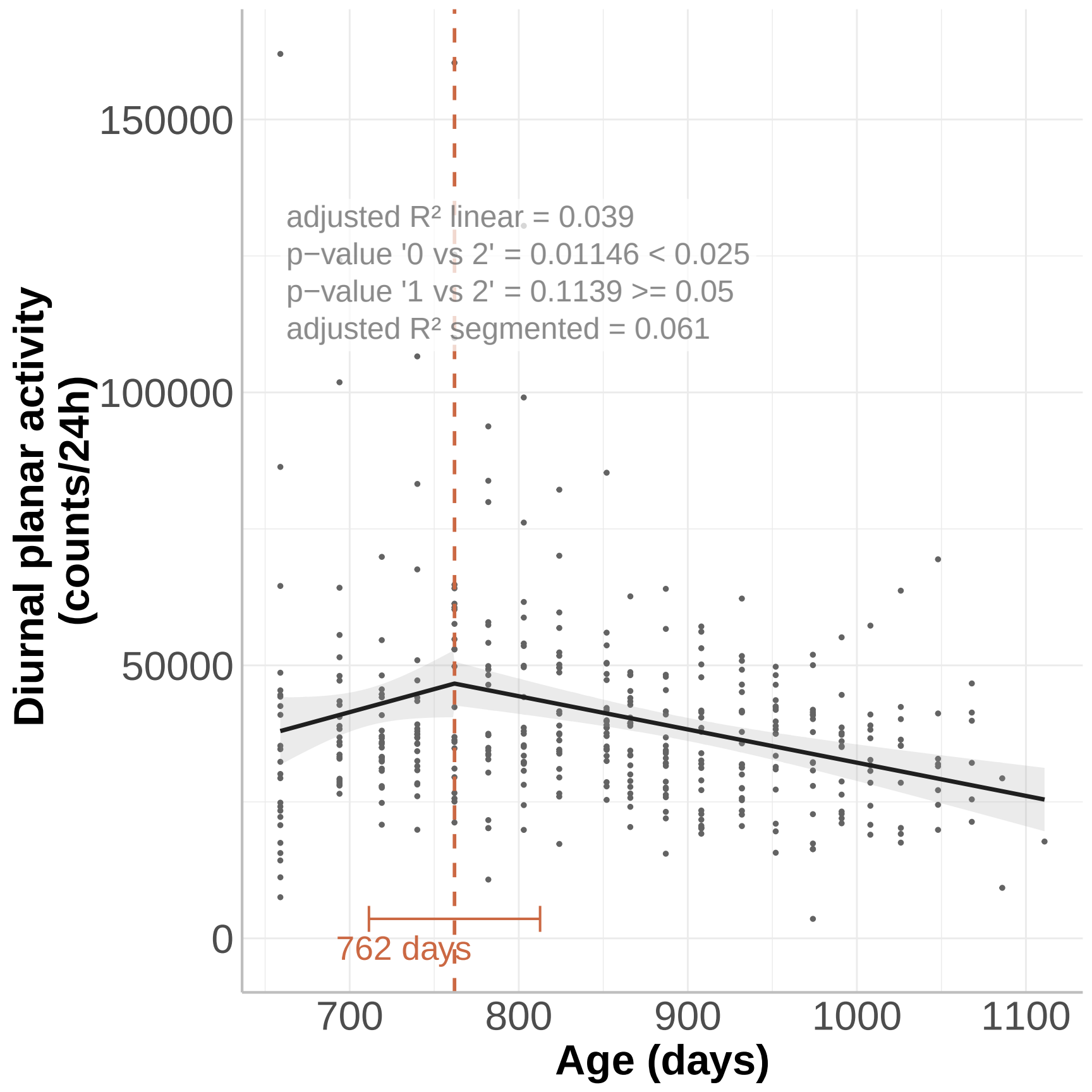

Nocturnal O2 consumption (mL/h)
150
100
50
0
700
800
900
1000
1100
Age (days)
adjusted R² linear = 0.0046
p−value '0 vs 2' = 0.02297 < 0.025
p−value '1 vs 2' = 0.166 >= 0.05
adjusted R² segmented = 0.016
746 days

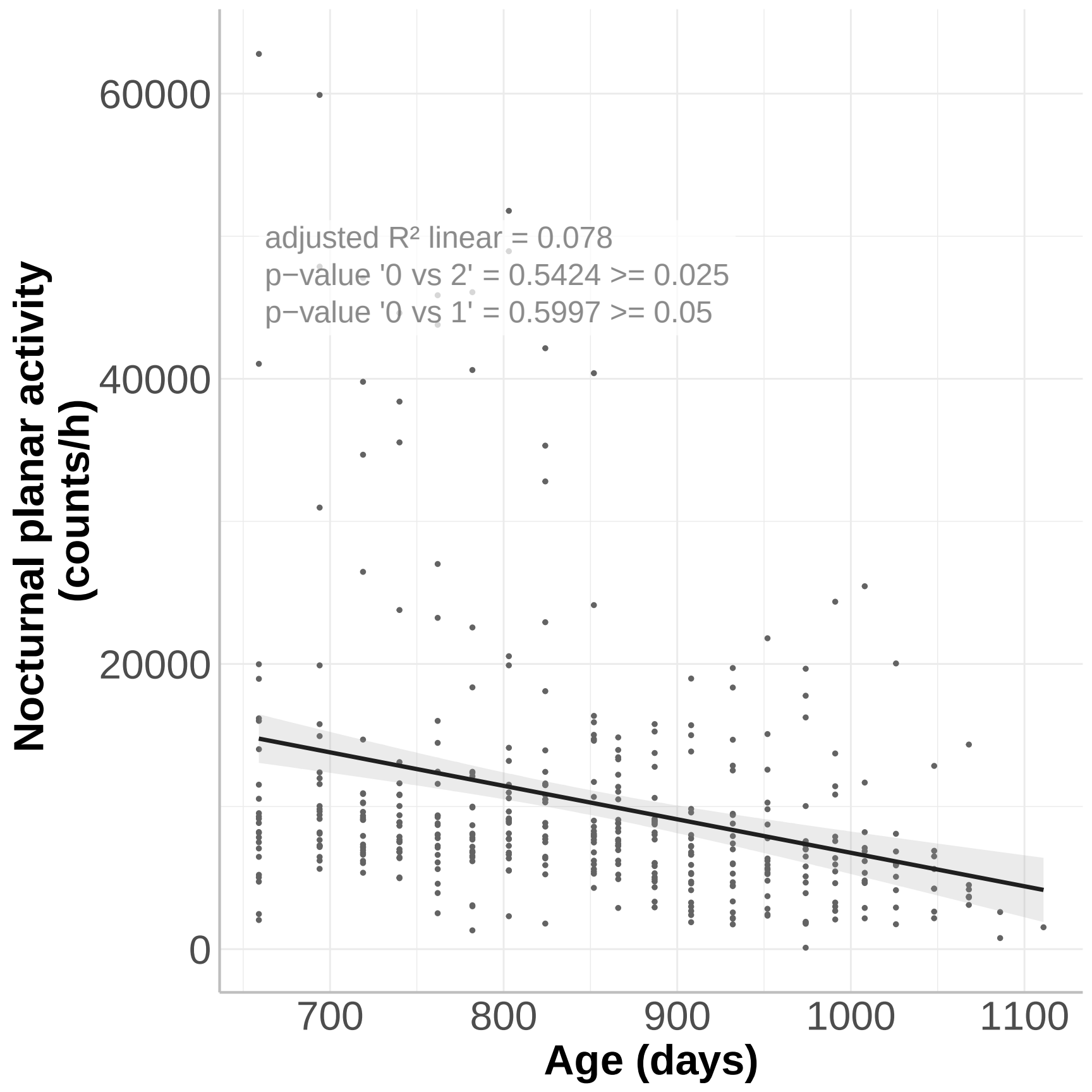

adjusted R² linear = 0.11
p−value '0 vs 2' = 0.01475 < 0.025
p−value '1 vs 2' = 1.461e−05 < 0.05
adjusted R² segmented = 0.15
864 days
932 days
Diurnal water intake (mL/24h)
Age (days)
0
1
2
3
4
700
800
900
1000
1100

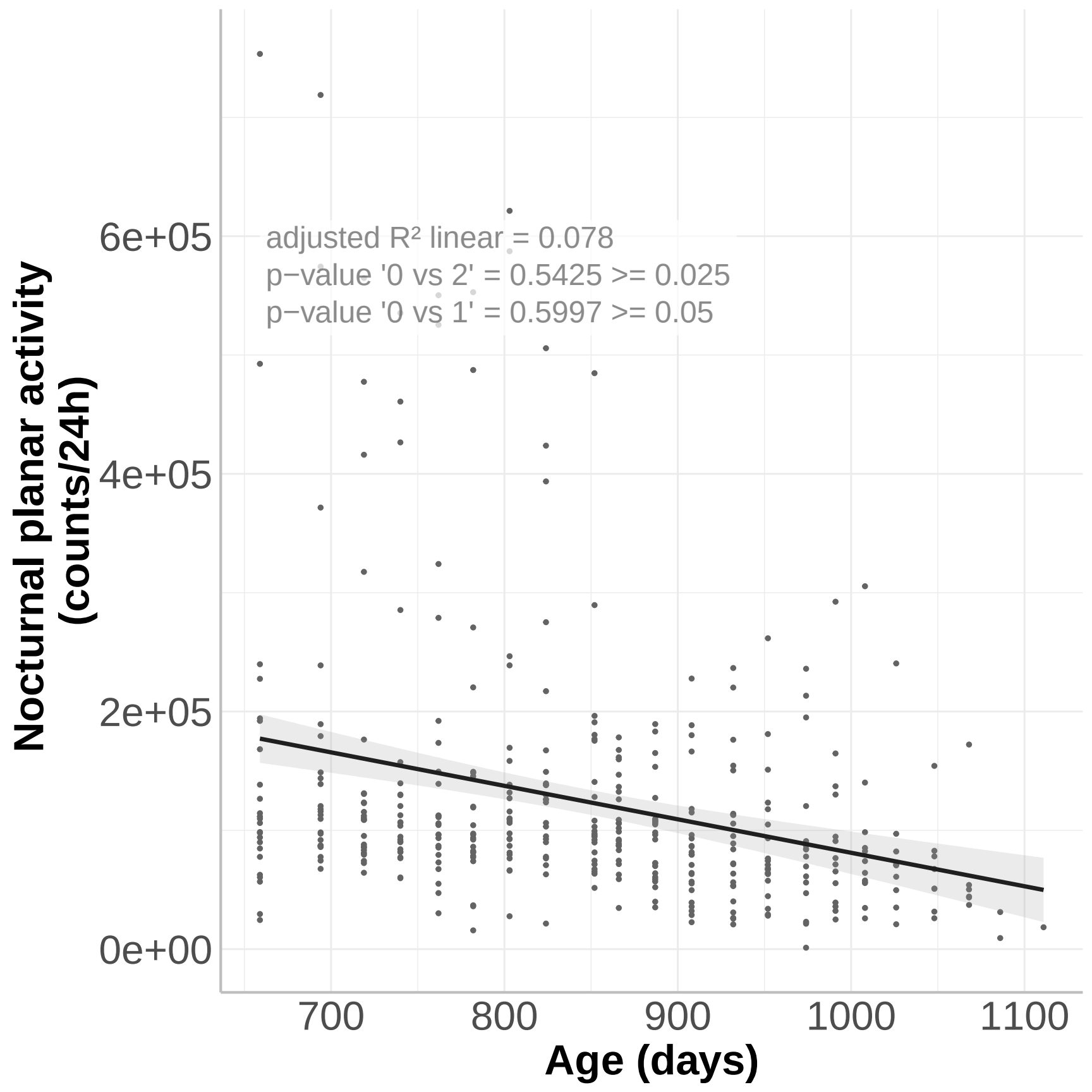

adjusted R² linear = 0.012
p−value '0 vs 2' = 0.228 >= 0.025
p−value '0 vs 1' = 0.197 >= 0.05
Nocturnal water intake (mL/24h)
0
2
4
6
700
800
900
1000
1100
Age (days)

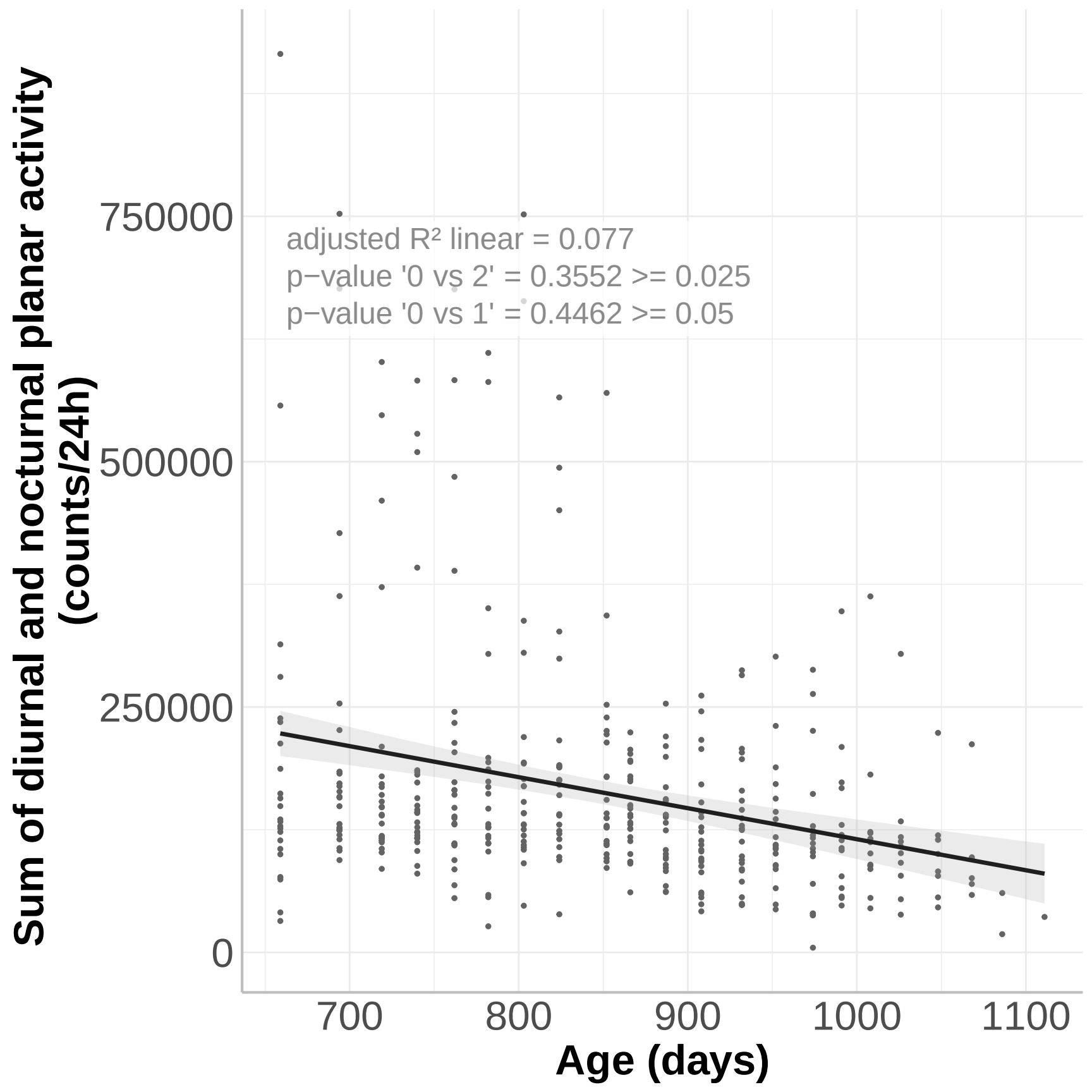

adjusted R² linear = 0.056
p−value '0 vs 2' = 0.05191 >= 0.025
p−value '0 vs 1' = 0.2134 >= 0.05
Sum of diurnal and nocturnal water intake (mL/24h)
7.5
5.0
2.5
0.0
700
800
900
1000
1100
Age (days)

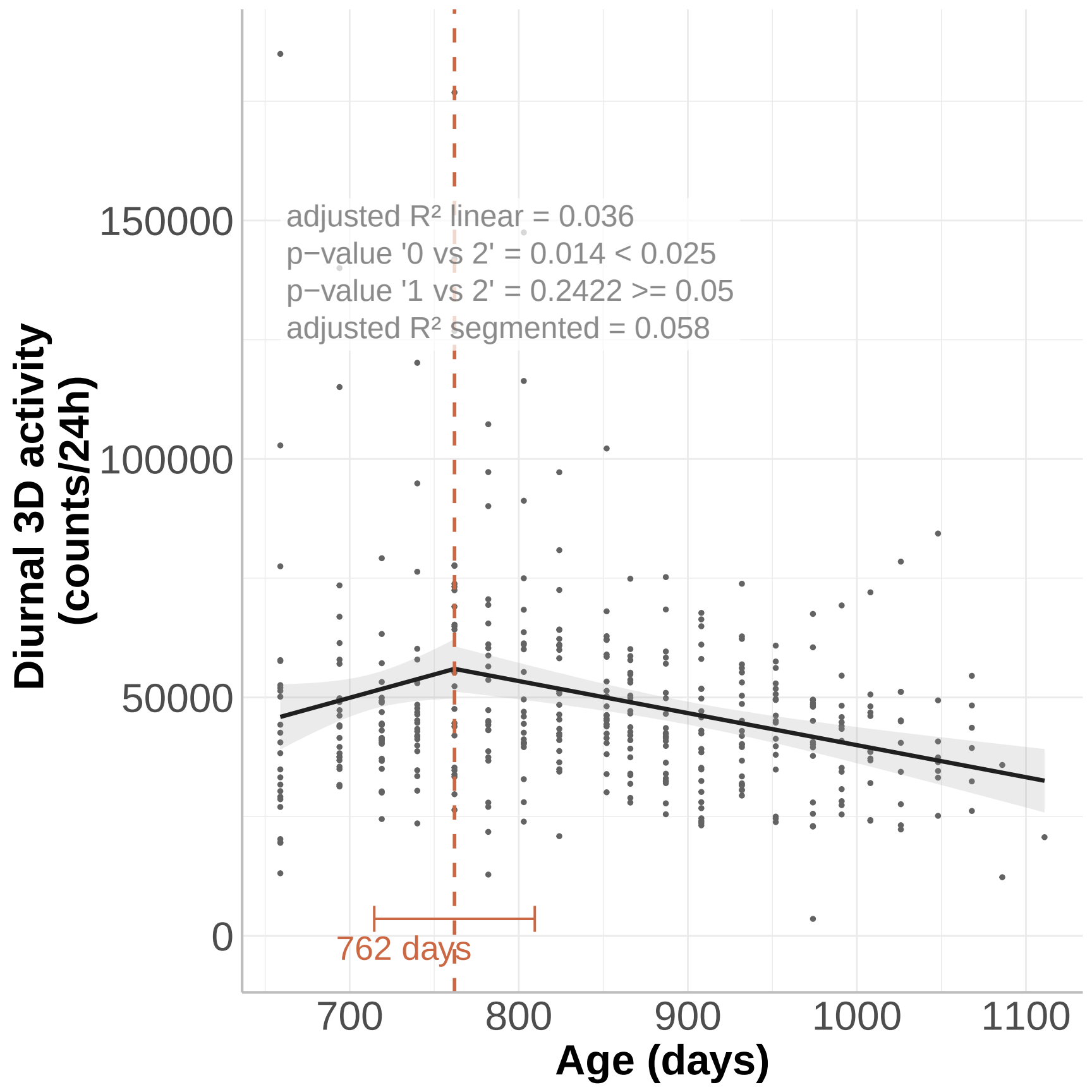

adjusted R² linear = 0.039
p−value '0 vs 2' = 0.01145 < 0.025
p−value '1 vs 2' = 0.1139 >= 0.05
adjusted R² segmented = 0.061
762 days
Diurnal planar activity (counts/h)
10000
5000
0
700
800
900
1000
1100
Age (days)

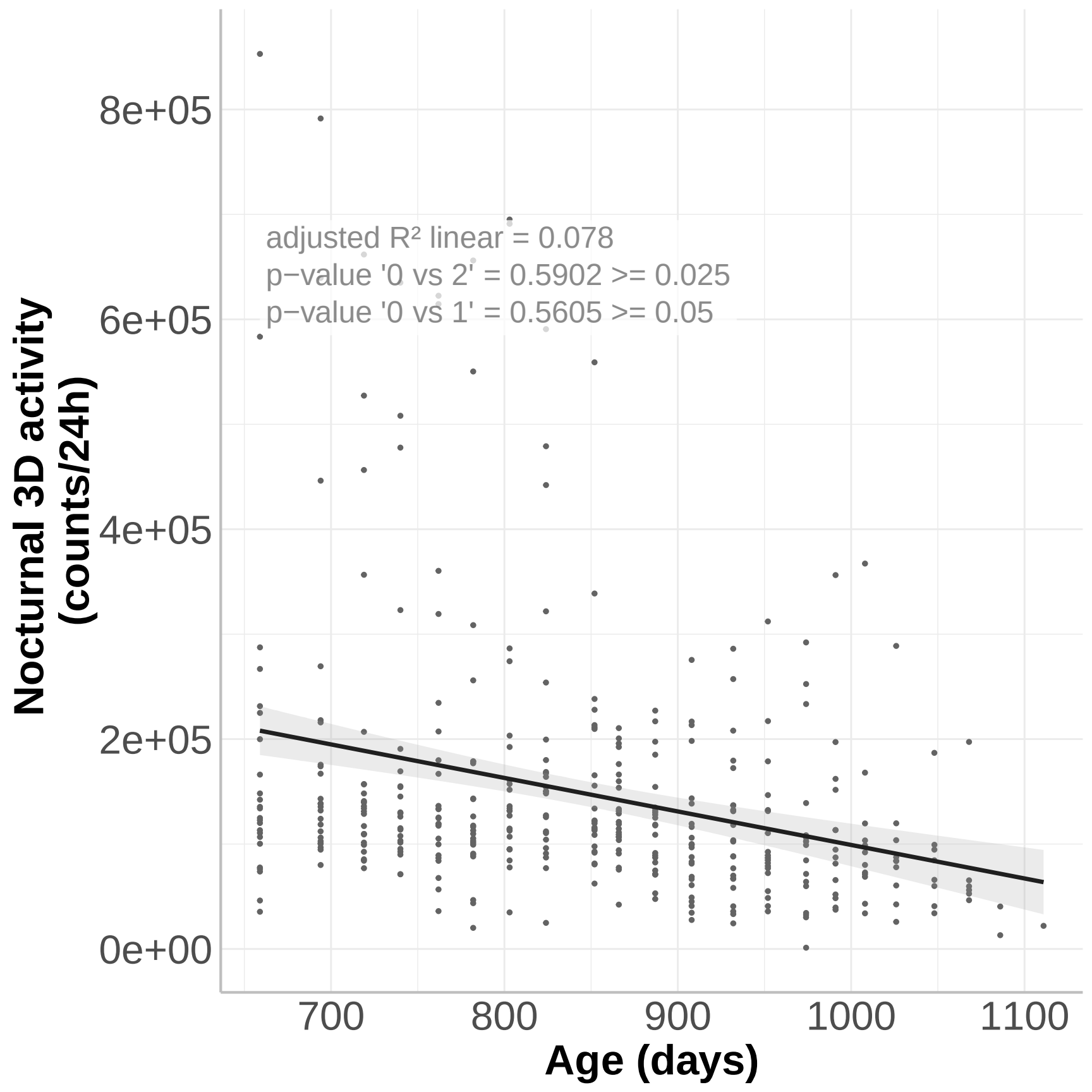

adjusted R² linear = 0.039
p−value '0 vs 2' = 0.01146 < 0.025
p−value '1 vs 2' = 0.1139 >= 0.05
adjusted R² segmented = 0.061
762 days
Diurnal planar activity (counts/24h)
150000
100000
50000
0
700
800
900
1000
1100
Age (days)

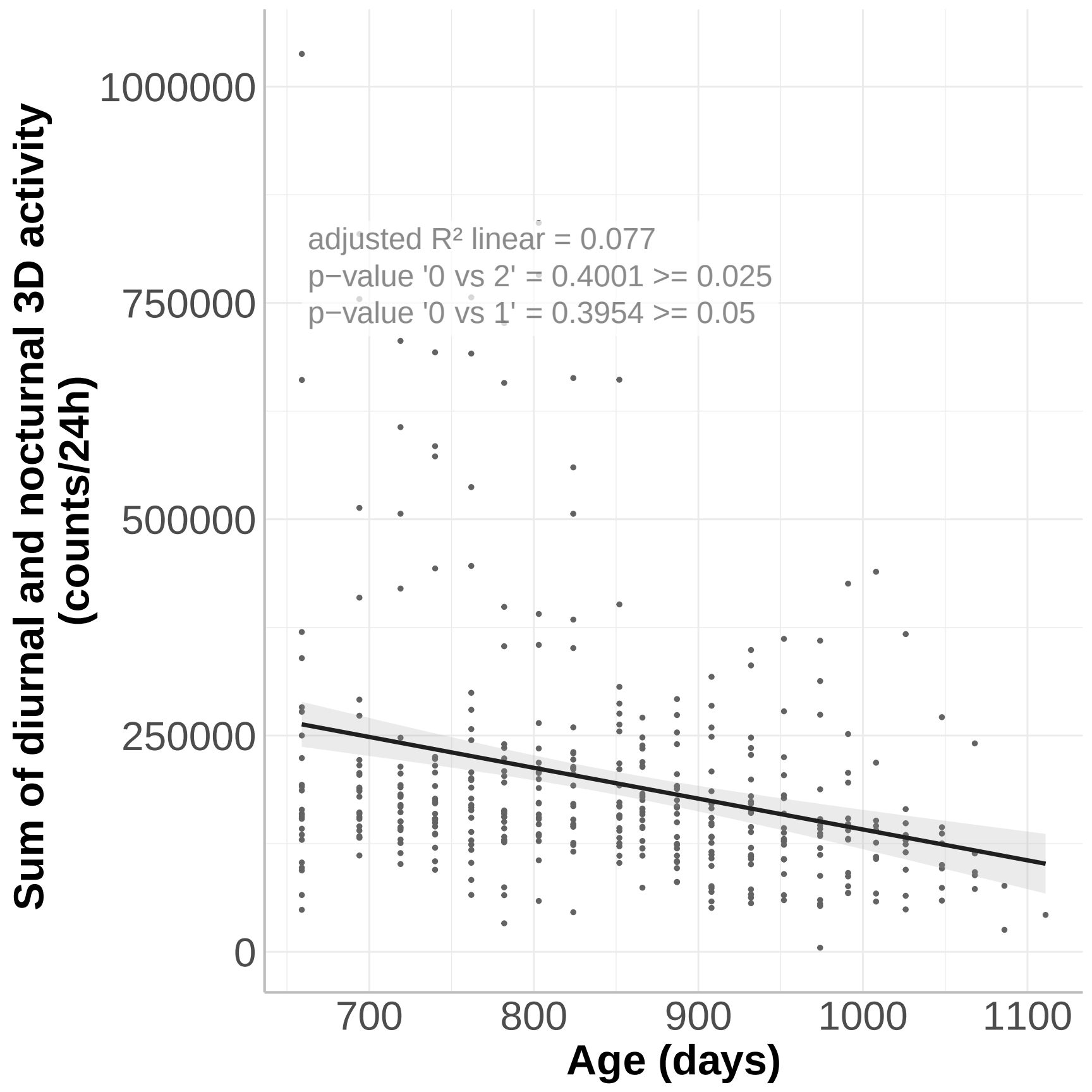

adjusted R² linear = 0.078
p−value '0 vs 2' = 0.5424 >= 0.025
p−value '0 vs 1' = 0.5997 >= 0.05
Nocturnal planar activity (counts/h)
60000
40000
20000
0
700
800
900
1000
1100
Age (days)

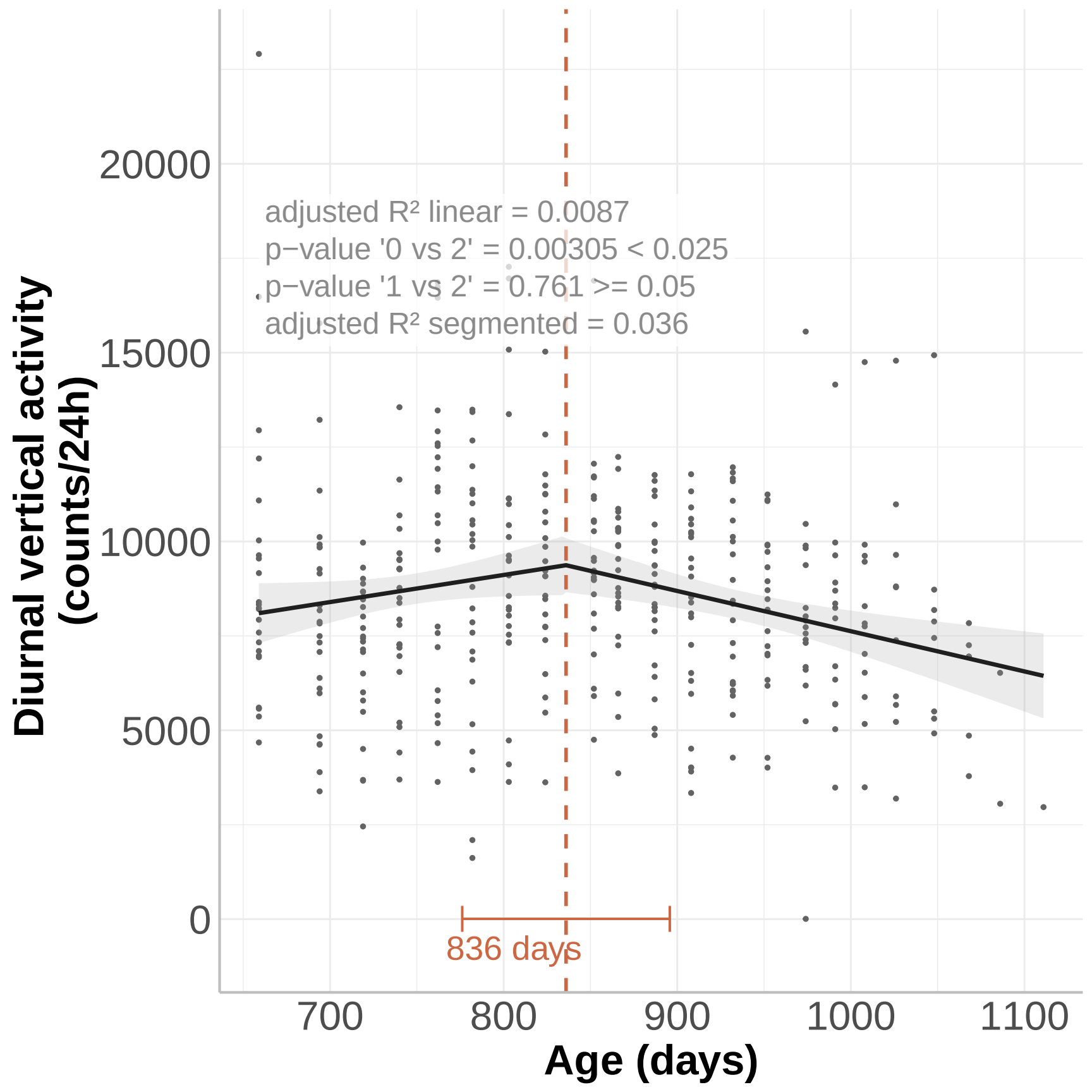

adjusted R² linear = 0.078
p−value '0 vs 2' = 0.5425 >= 0.025
p−value '0 vs 1' = 0.5997 >= 0.05
Nocturnal planar activity (counts/24h)
6e+05
4e+05
2e+05
0e+00
700
800
900
1000
1100
Age (days)

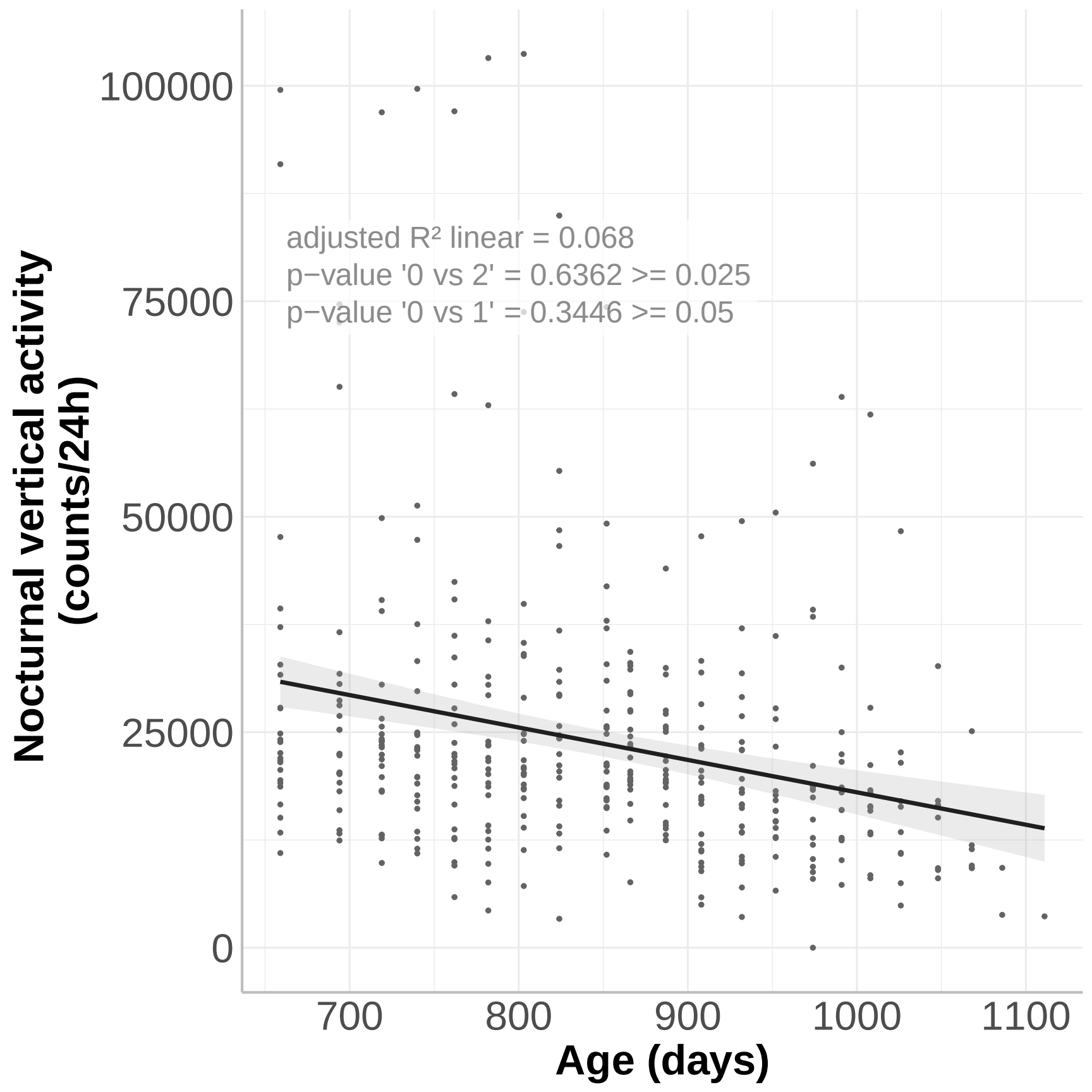

Sum of diurnal and nocturnal planar activity (counts/24h)
750000
500000
250000
0
adjusted R² linear = 0.077
p−value '0 vs 2' = 0.3552 >= 0.025
p−value '0 vs 1' = 0.4462 >= 0.05
700
800
900
1000
1100
Age (days)

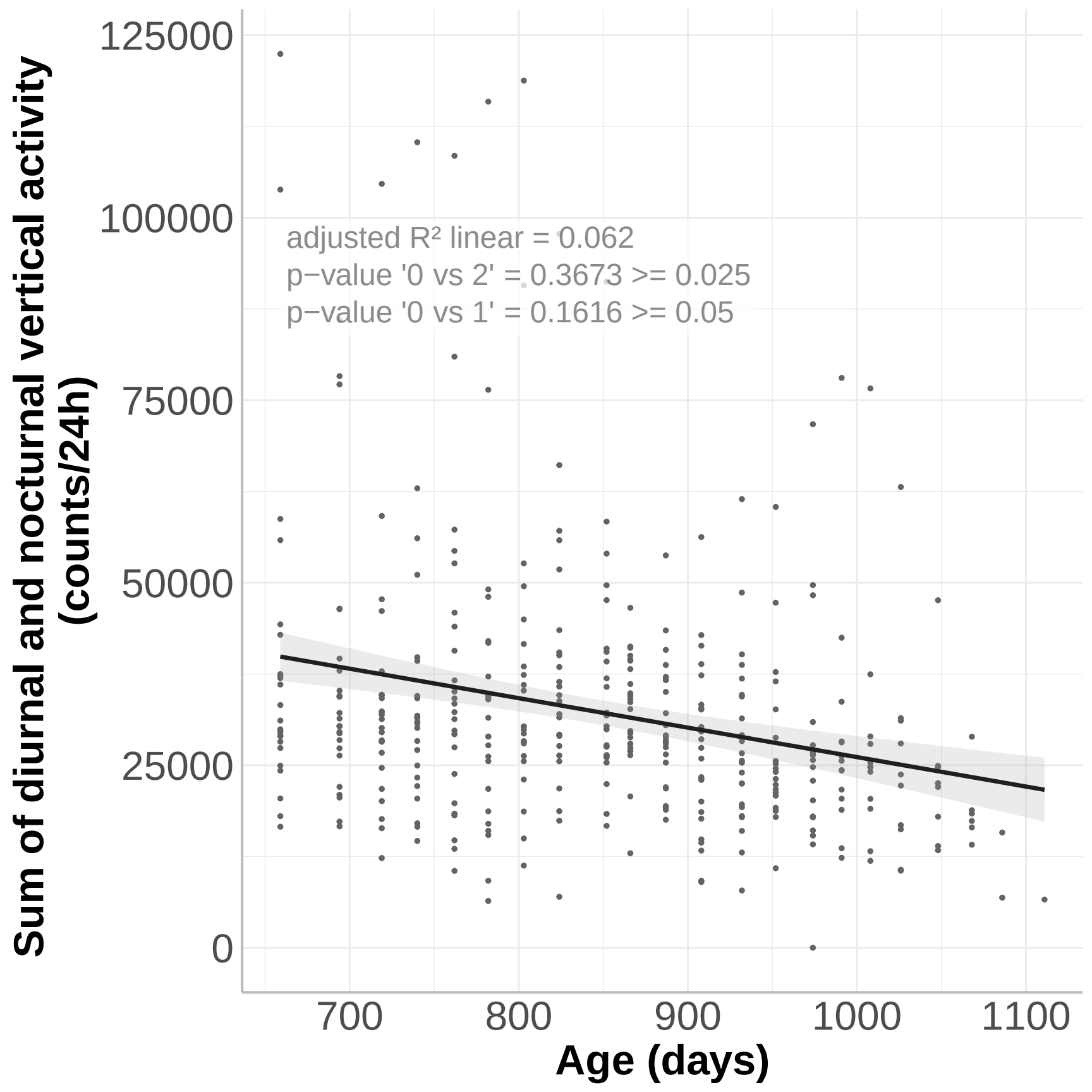

adjusted R² linear = 0.036
p−value '0 vs 2' = 0.014 < 0.025
p−value '1 vs 2' = 0.2422 >= 0.05
adjusted R² segmented = 0.058
762 days
Diurnal 3D activity (counts/24h)
150000
100000
50000
0
700
800
900
1000
1100
Age (days)


adjusted R² linear = 0.078
p−value '0 vs 2' = 0.5902 >= 0.025
p−value '0 vs 1' = 0.5605 >= 0.05
Nocturnal 3D activity (counts/24h)
8e+05
6e+05
4e+05
2e+05
0e+00
700
800
900
1000
1100
Age (days)


Sum of diurnal and nocturnal 3D activity (counts/24h)
1000000
750000
500000
250000
0
adjusted R² linear = 0.077
p−value '0 vs 2' = 0.4001 >= 0.025
p−value '0 vs 1' = 0.3954 >= 0.05
700
800
900
1000
1100
Age (days)


adjusted R² linear = 0.0087
p−value '0 vs 2' = 0.00305 < 0.025
p−value '1 vs 2' = 0.761 >= 0.05
adjusted R² segmented = 0.036
836 days
Diurnal vertical activity (counts/24h)
20000
15000
10000
5000
0
700
800
900
1000
1100
Age (days)


adjusted R² linear = 0.068
p−value '0 vs 2' = 0.6362 >= 0.025
p−value '0 vs 1' = 0.3446 >= 0.05
Nocturnal vertical activity (counts/24h)
100000
75000
50000
25000
0
700
800
900
1000
1100
Age (days)


Sum of diurnal and nocturnal vertical activity (counts/24h)
125000
100000
75000
50000
25000
0
adjusted R² linear = 0.062
p−value '0 vs 2' = 0.3673 >= 0.025
p−value '0 vs 1' = 0.1616 >= 0.05
700
800
900
1000
1100
Age (days)