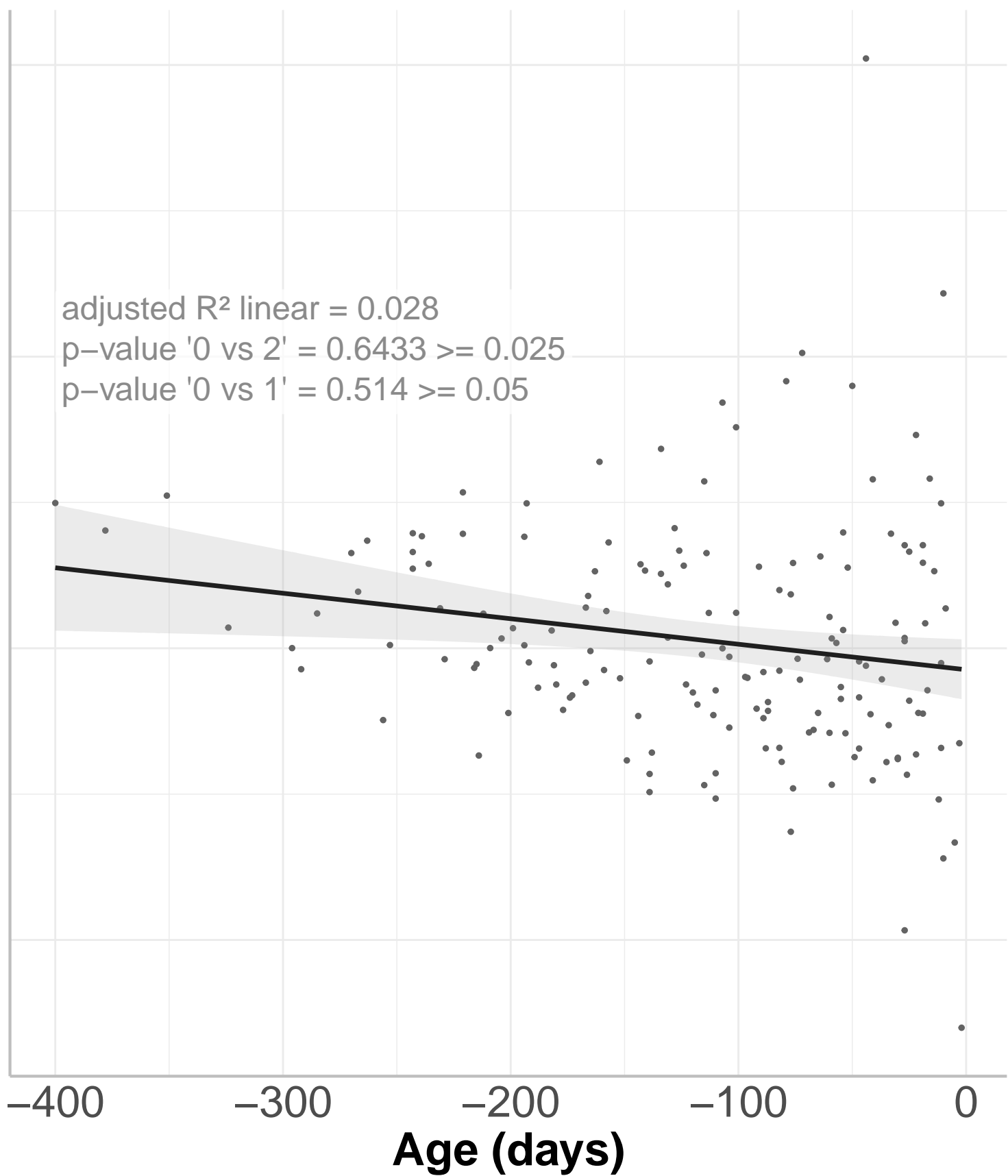
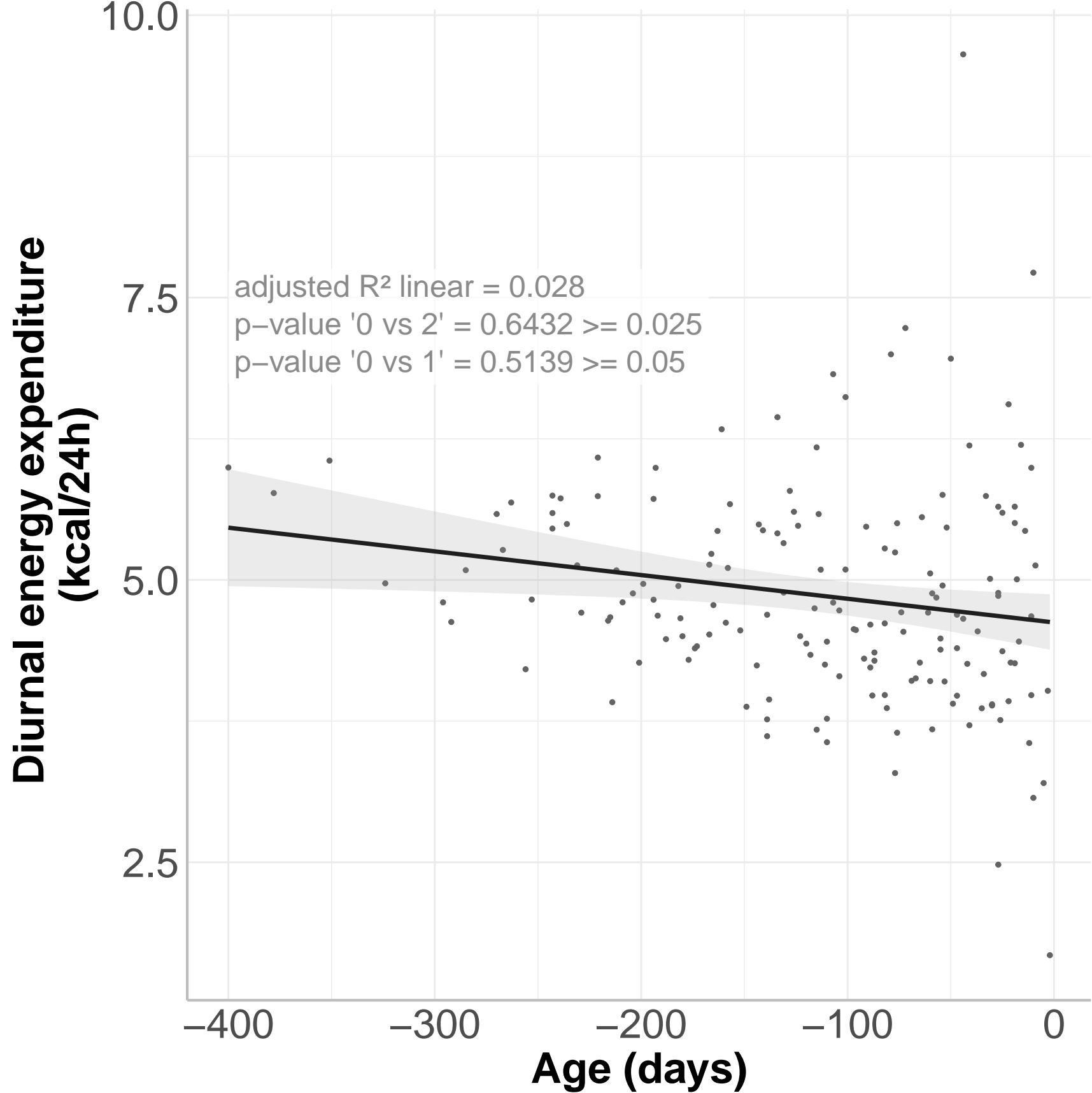
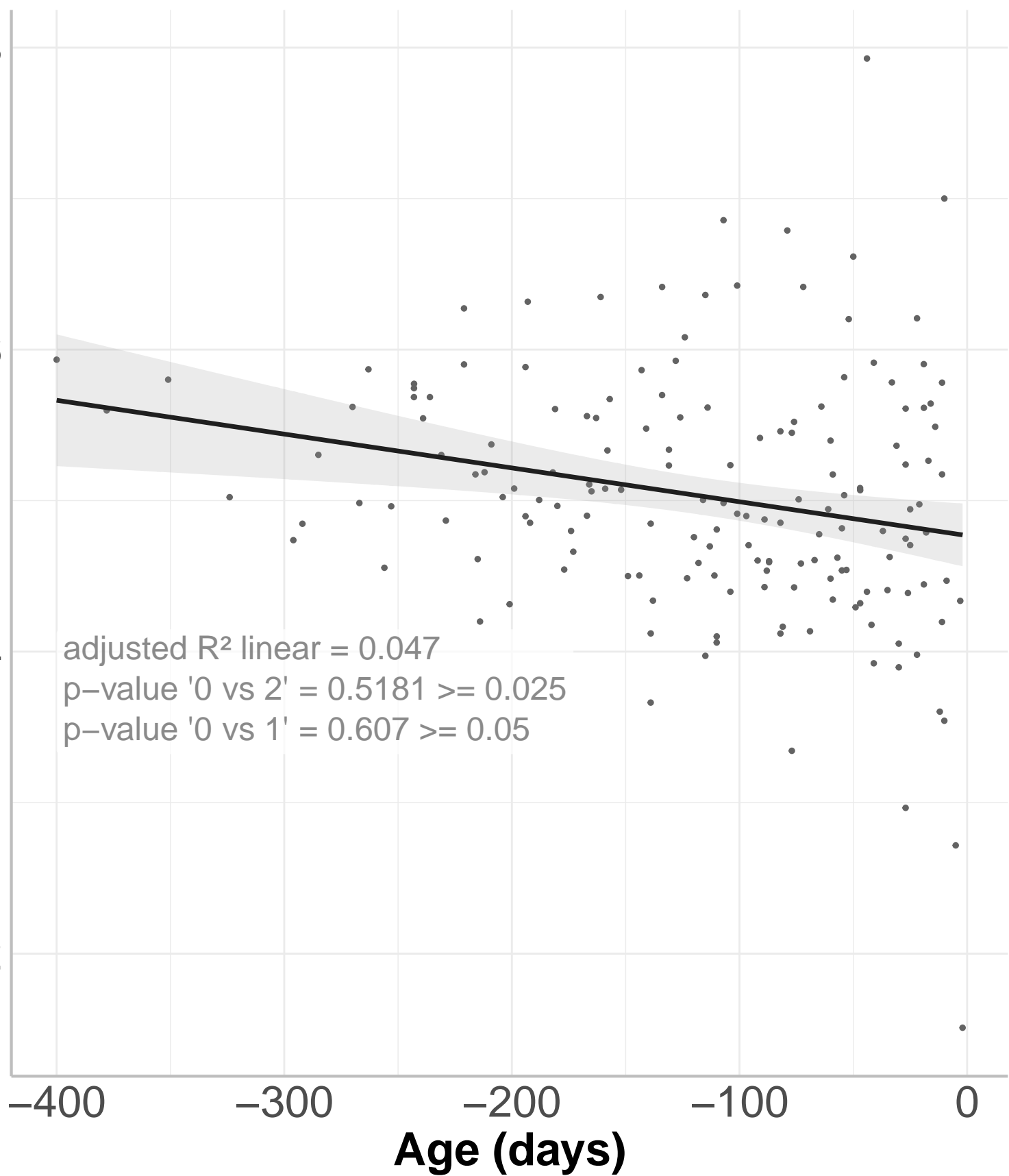


**Diurnal energy expenditure
(kcal/h)**

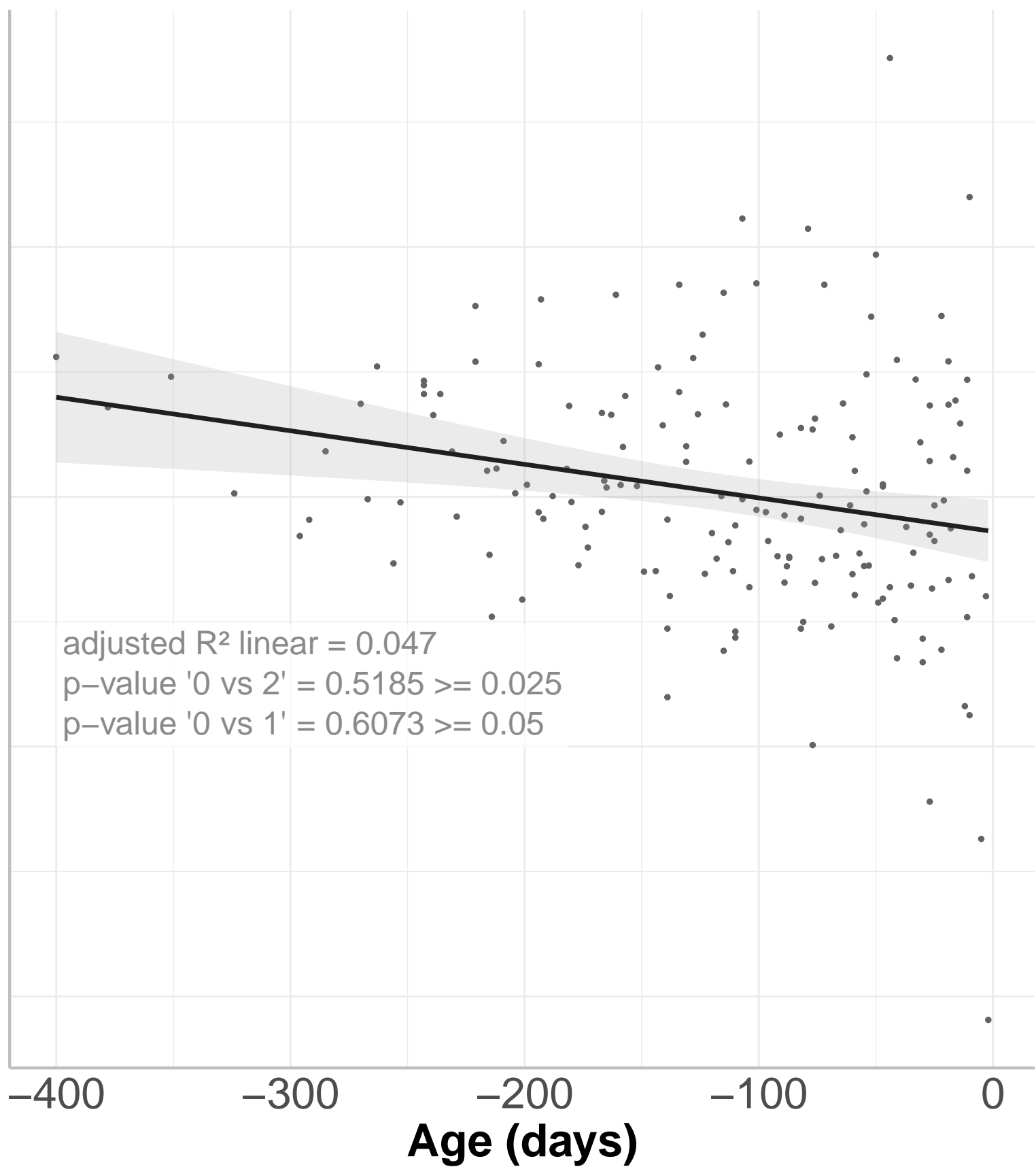


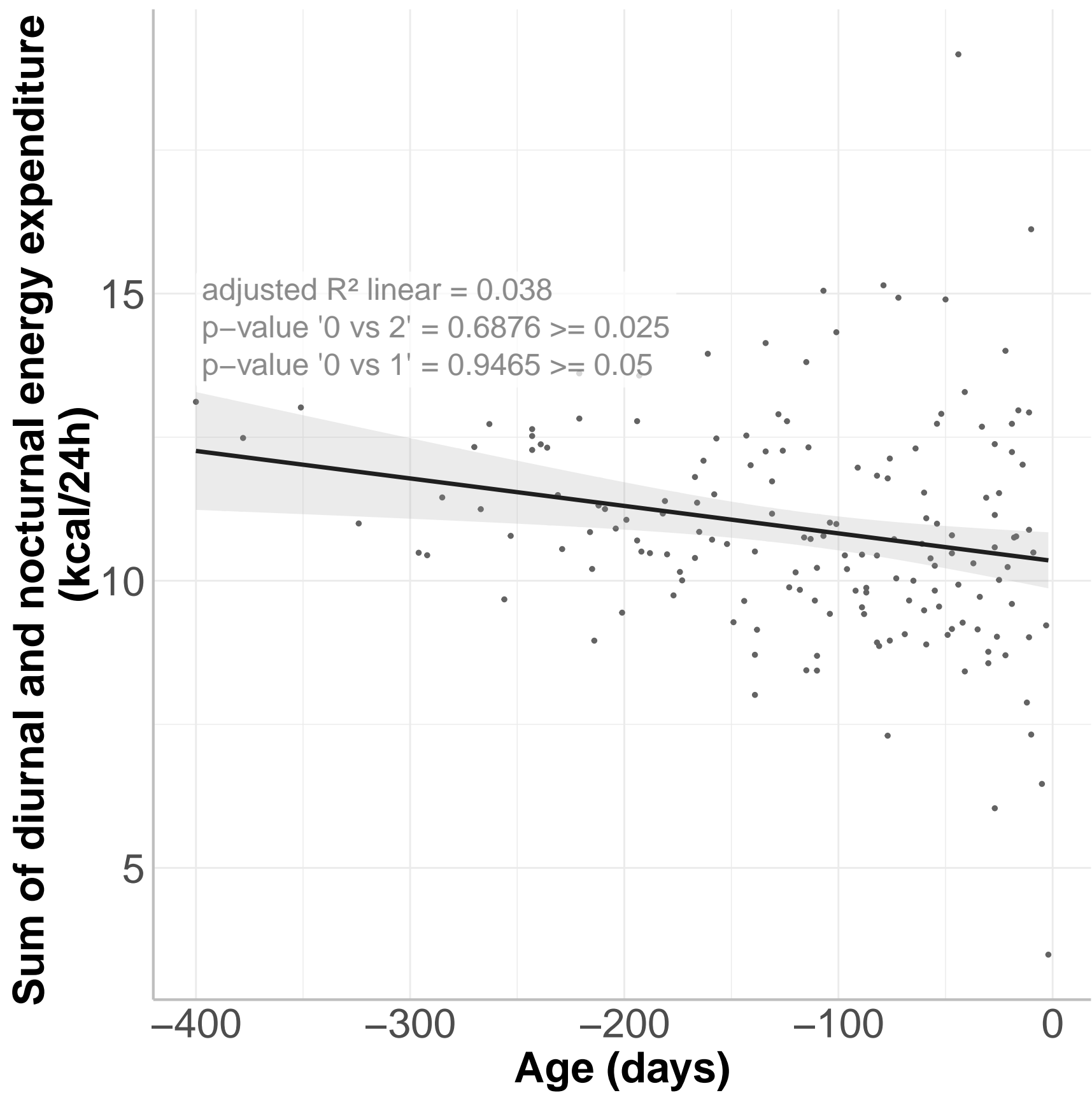


**Nocturnal energy expenditure
(kcal/h)**

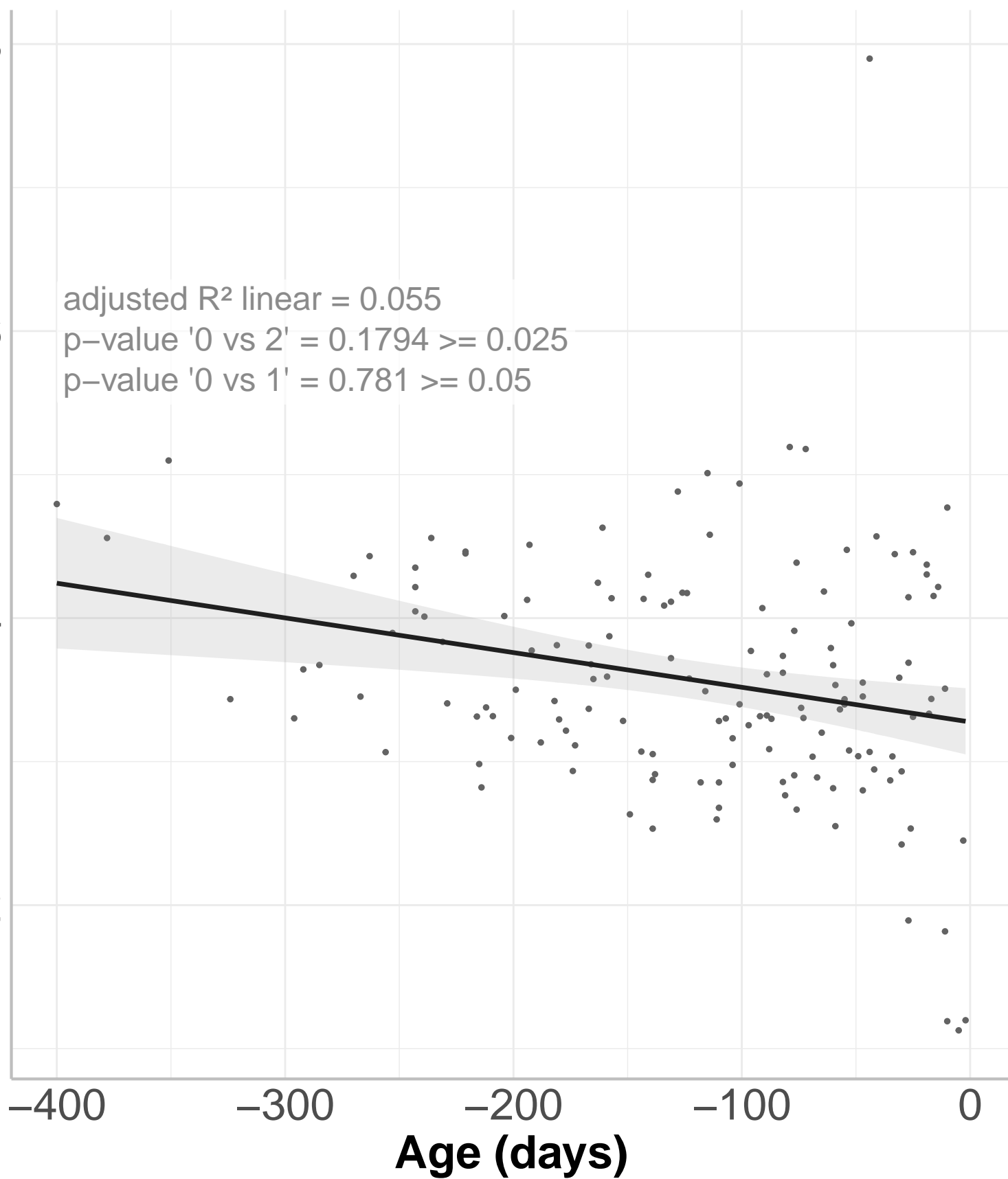


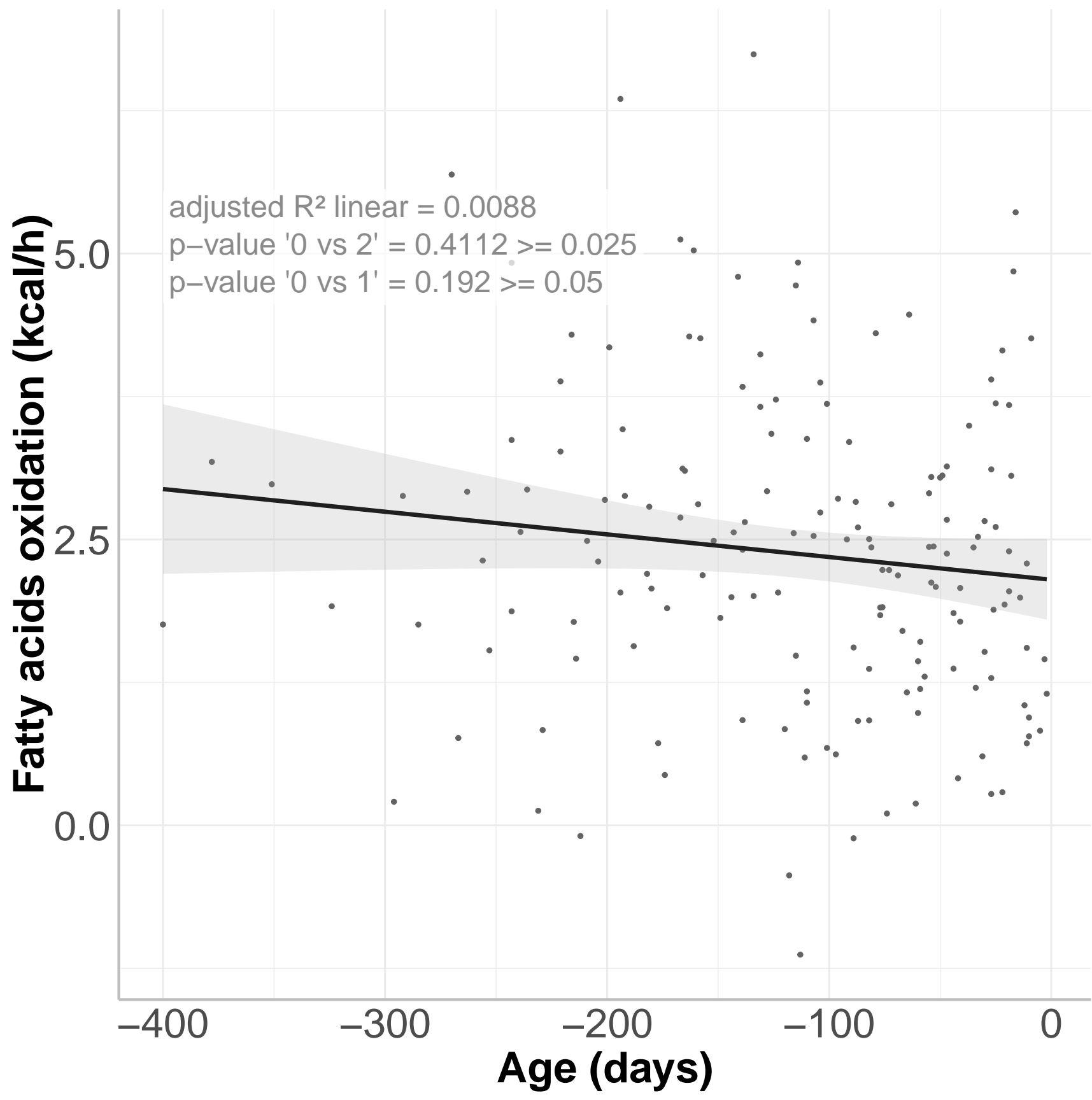
**Nocturnal energy expenditure
(kcal/24h)**

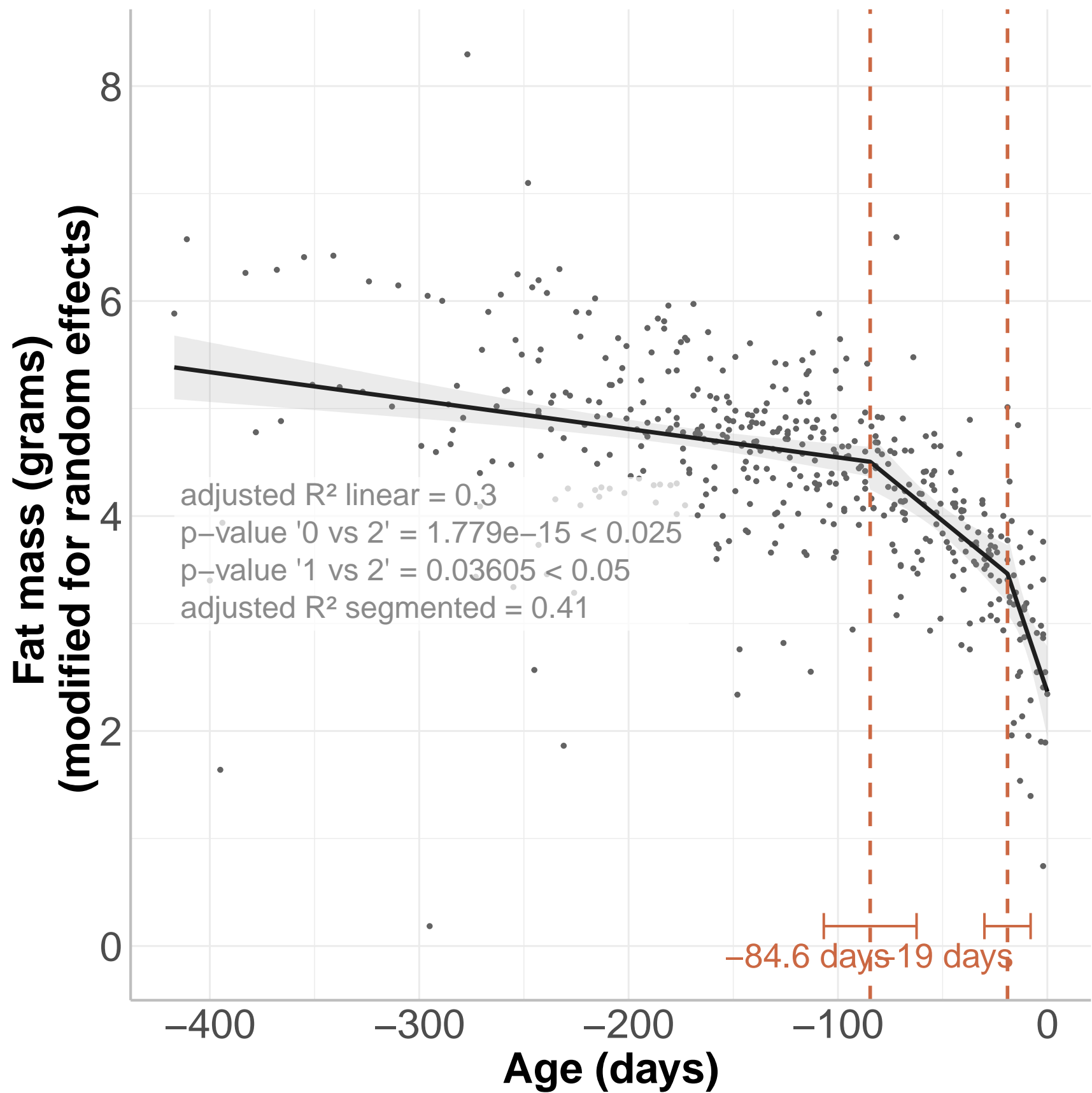




**Estimated resting energy
(kcal/h)**







Fat proportion (% body weight)

adjusted R^2 linear = 0.27
p-value '0 vs 2' = 0.001961 < 0.025
p-value '1 vs 2' = 0.4533 \geq 0.05
adjusted R^2 segmented = 0.3

-400

-300

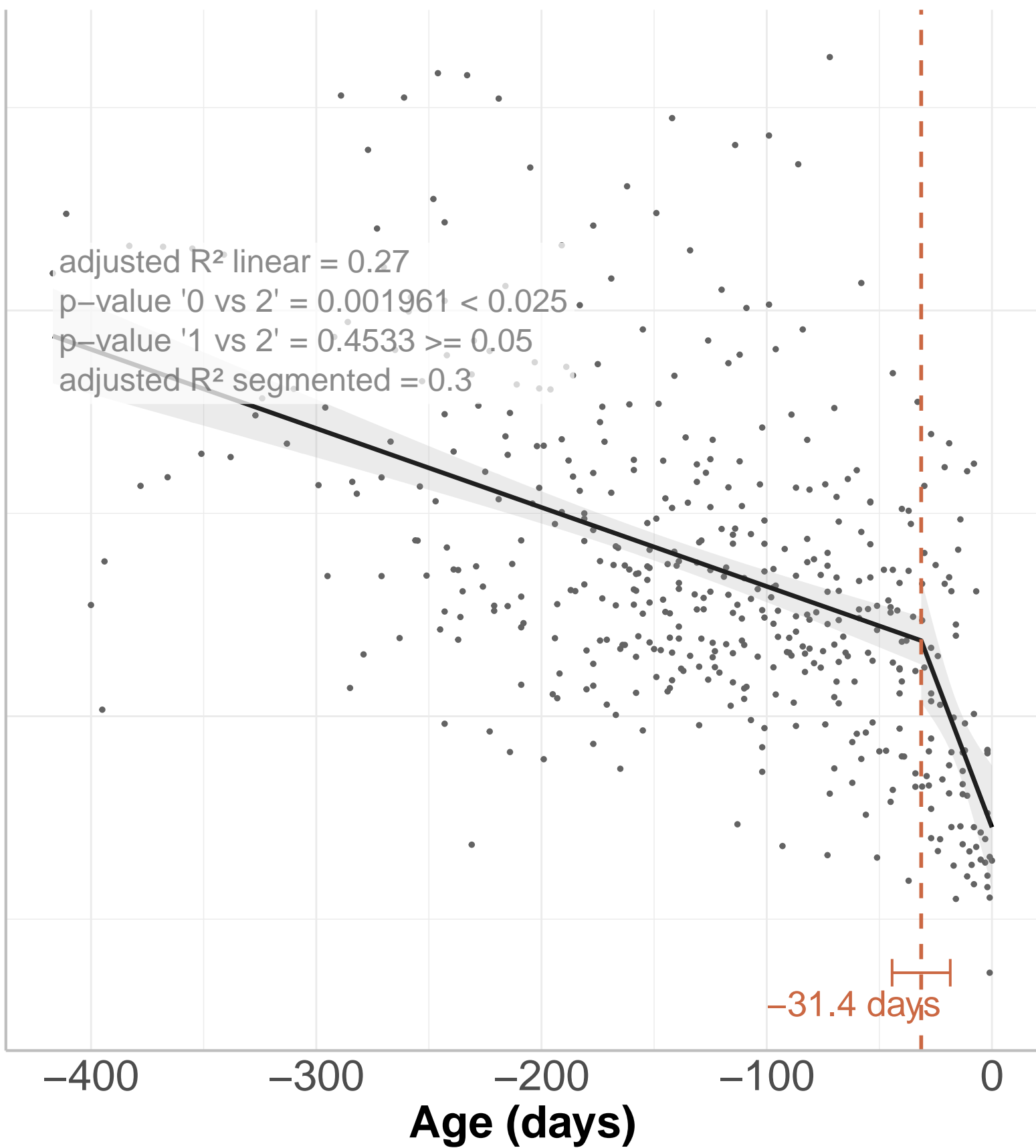
-200

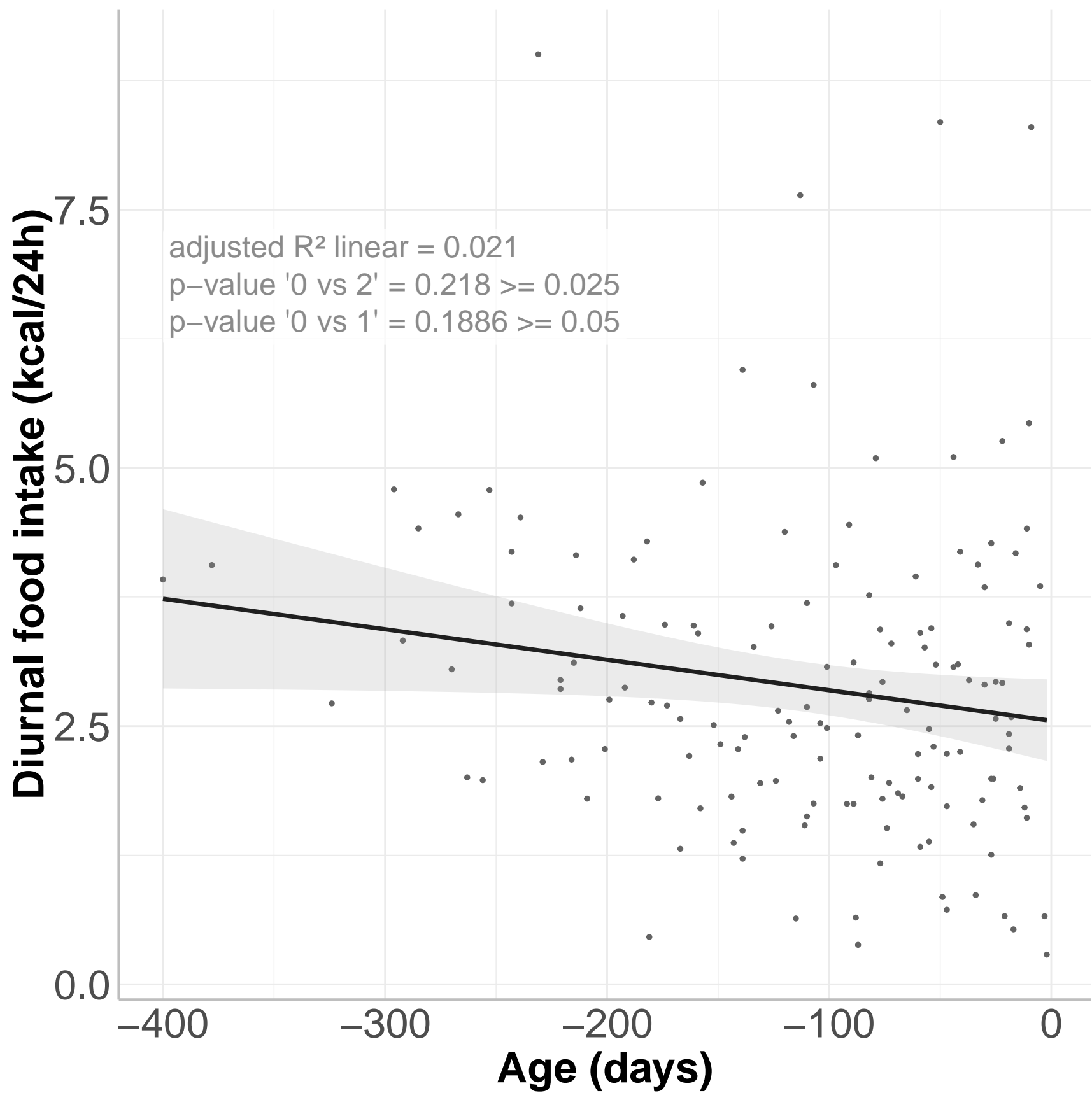
-100

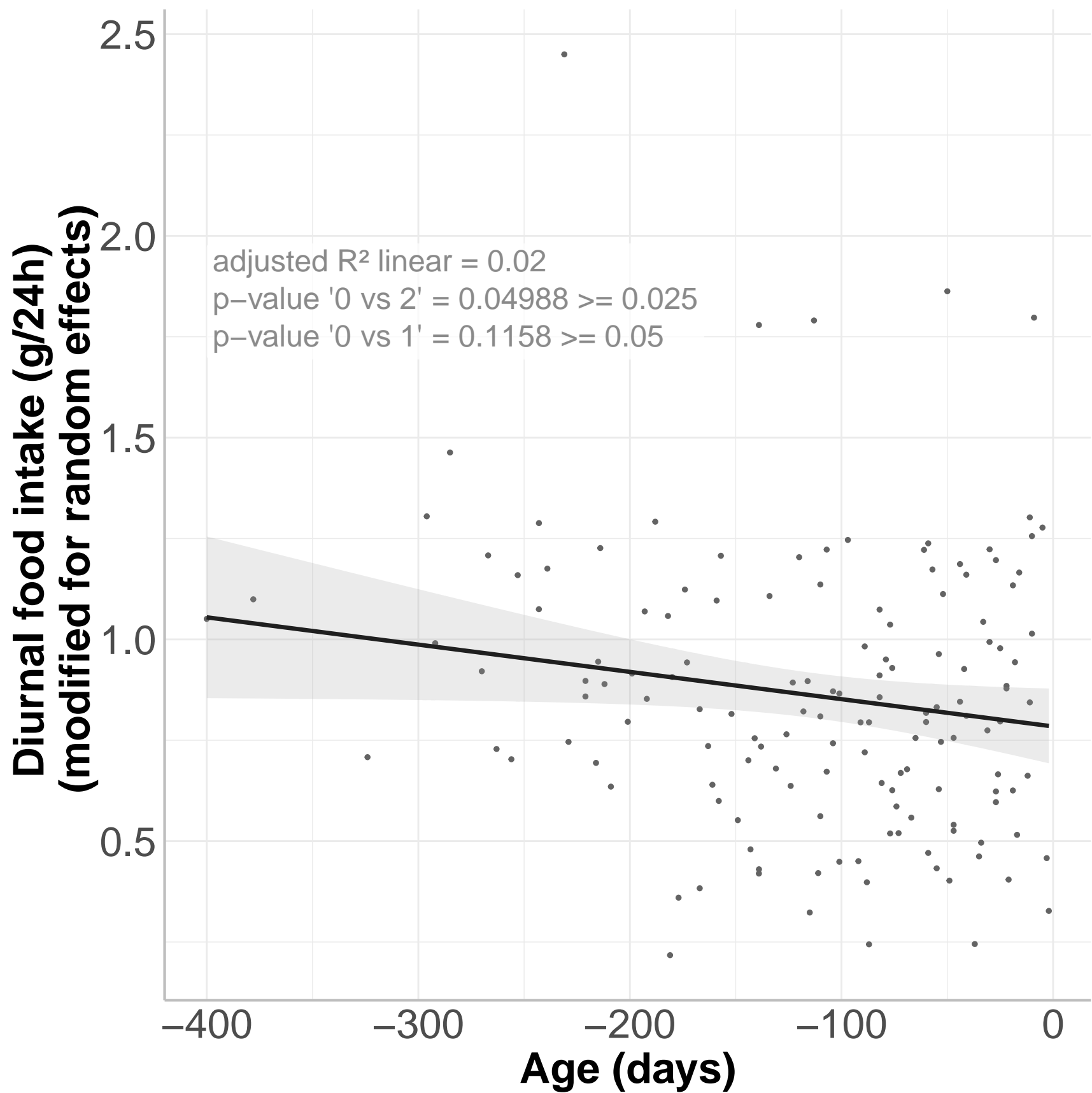
0

Age (days)

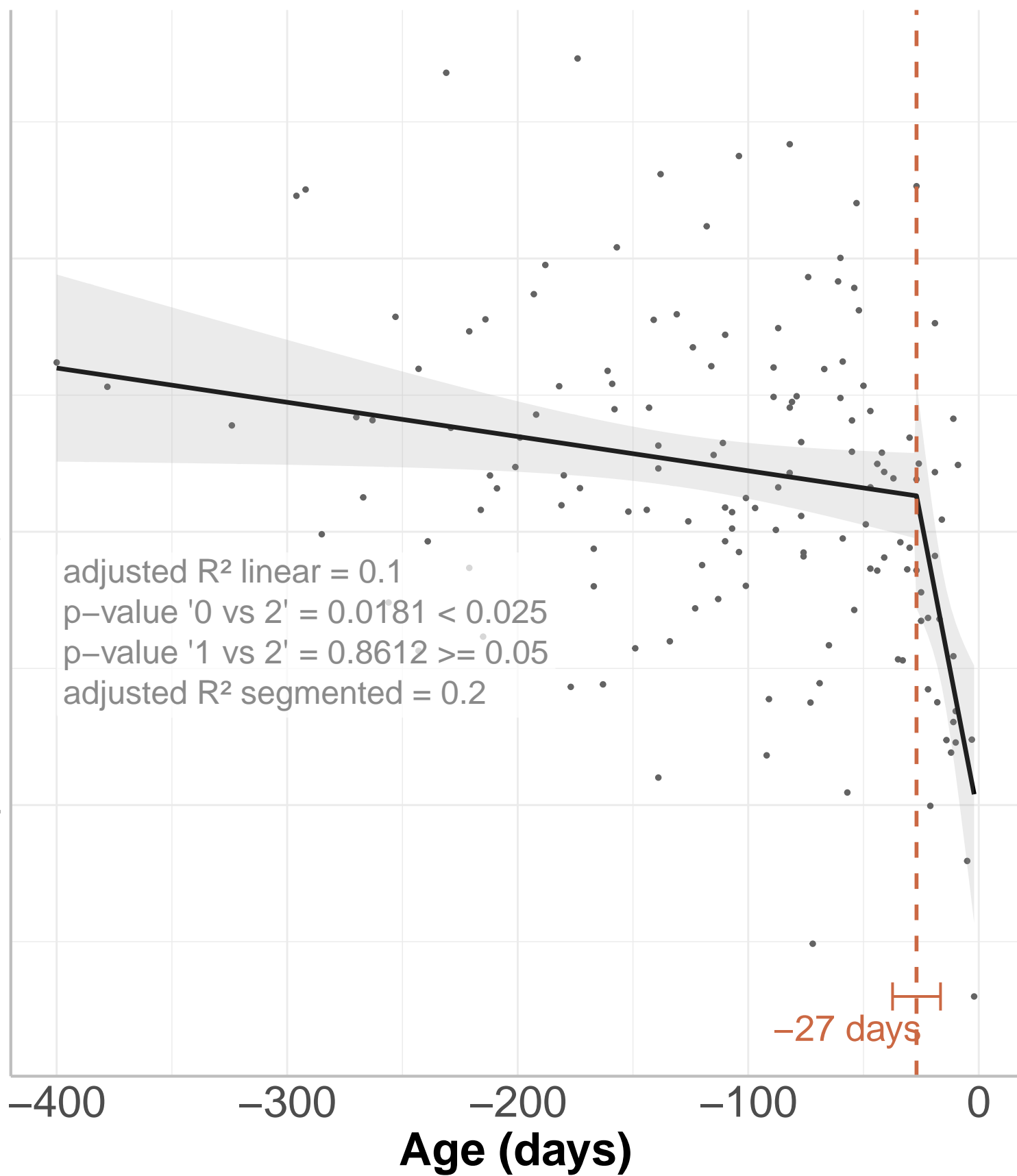
-31.4 days

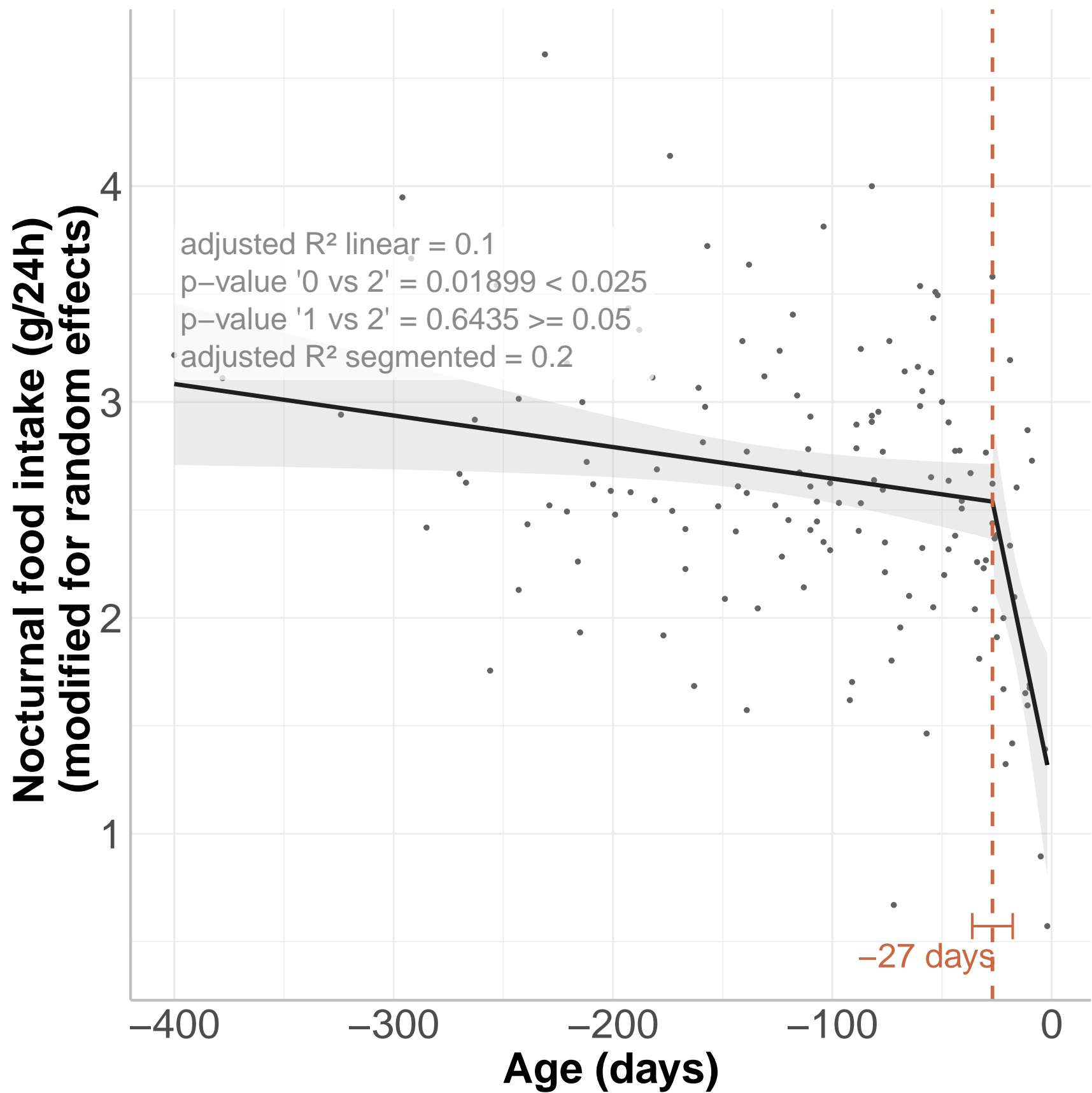






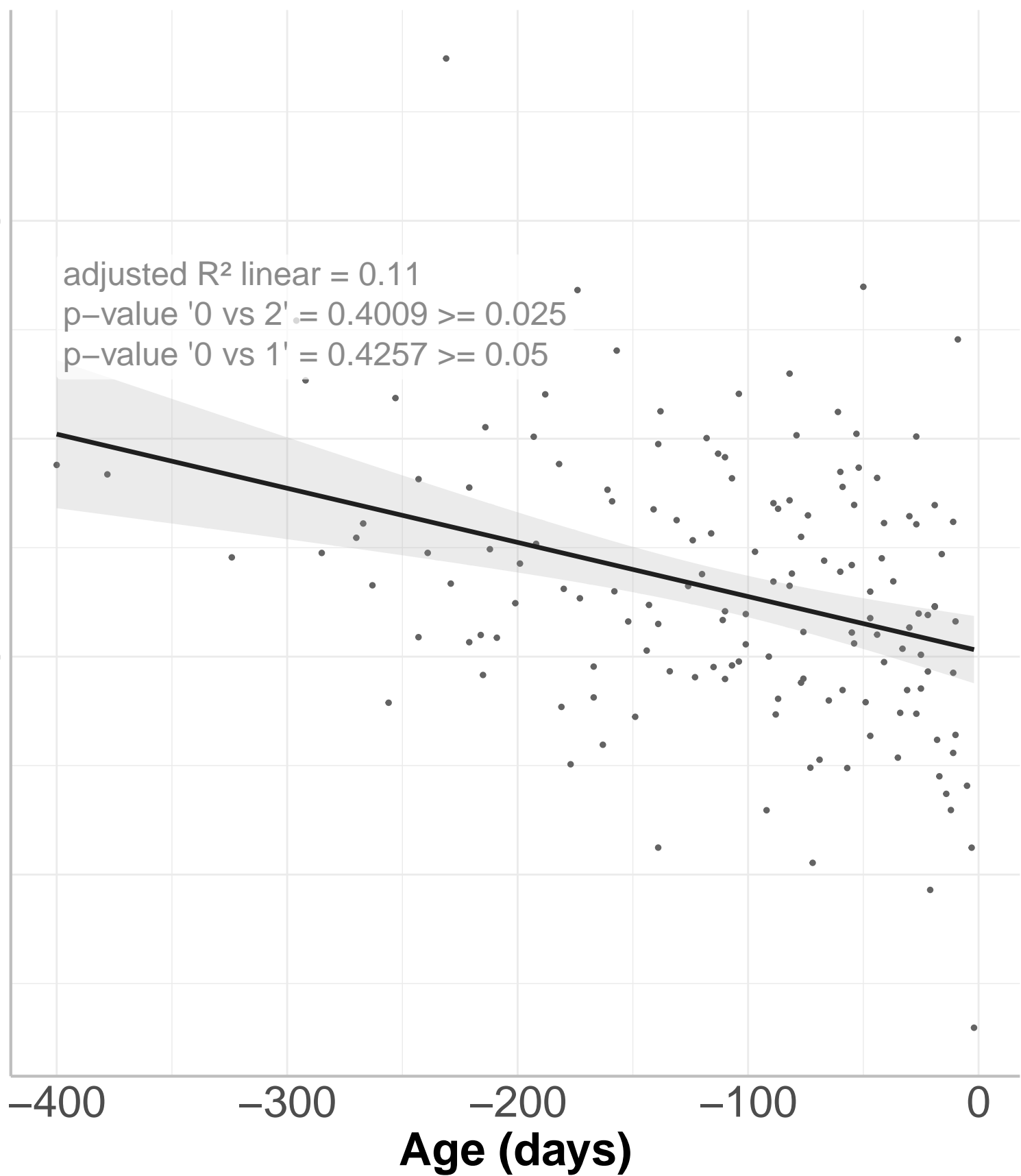
Nocturnal food intake
(kcal/24h)



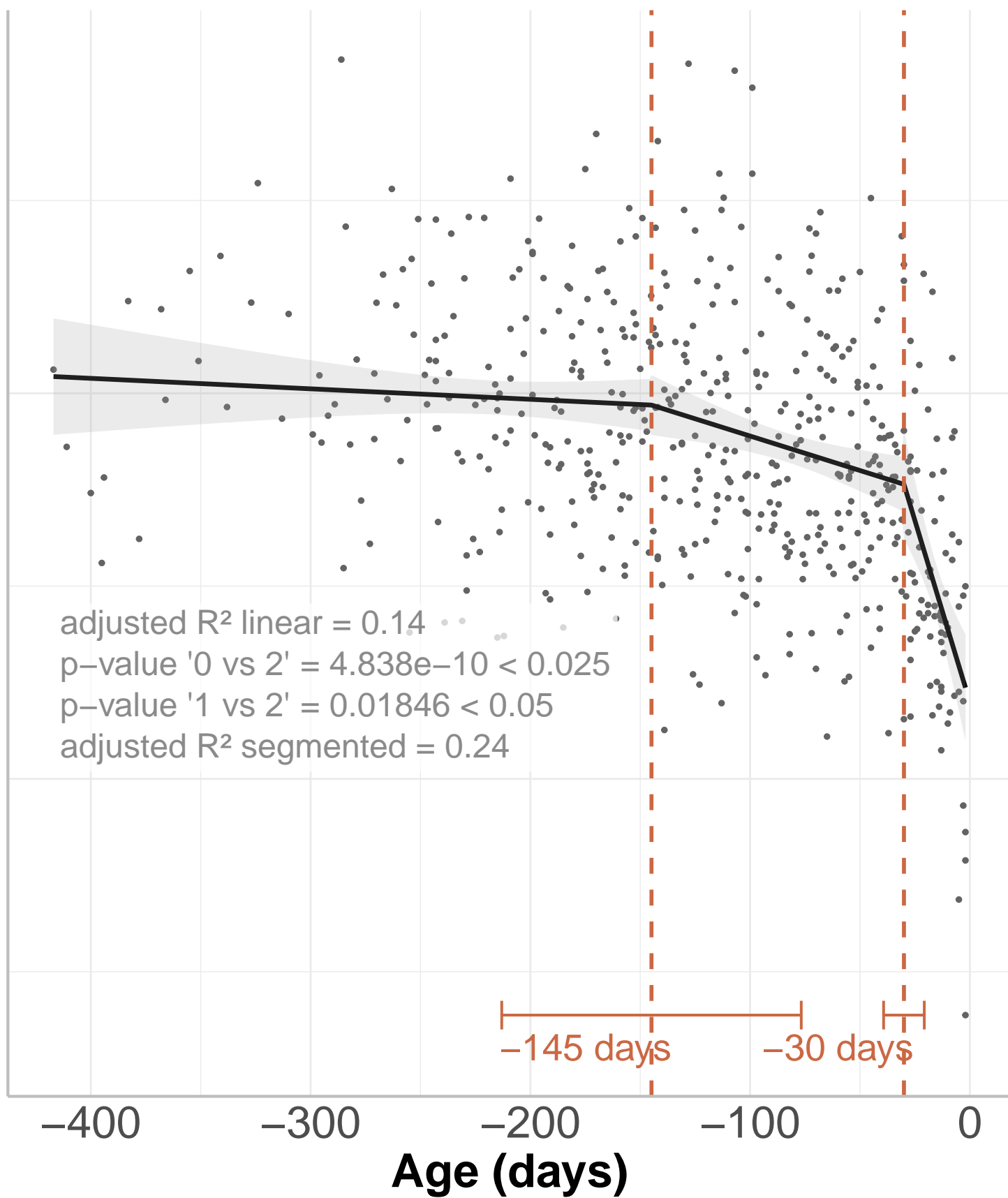


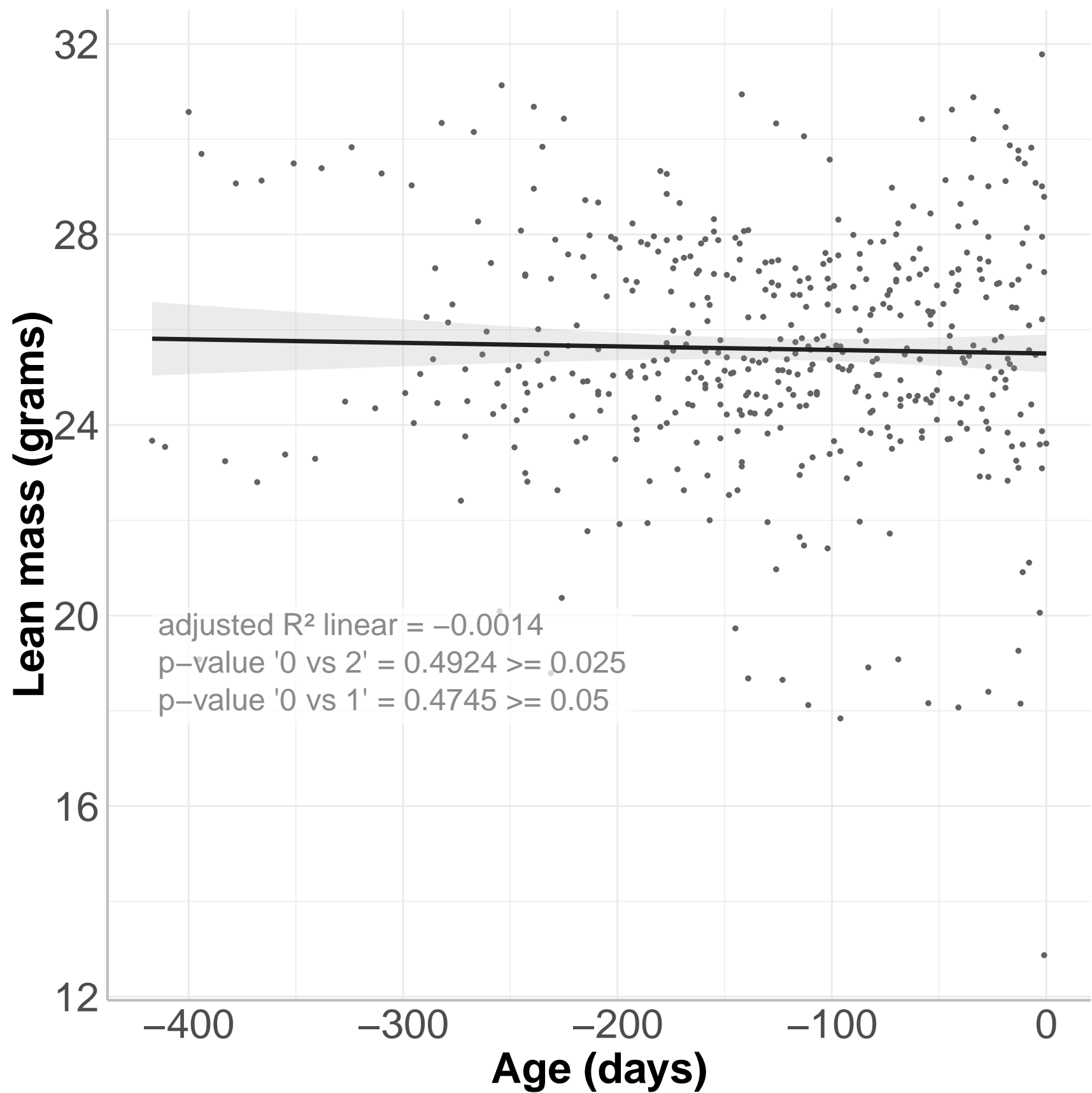
Sum of diurnal and nocturnal food intake

(kcal/24h)



Glycemia (mg/dL)
(modified for random effects)





Lean mass proportion
(% of body weight)

adjusted R^2 linear = 0.17
p-value '0 vs 2' = 0.1261 ≥ 0.025
p-value '0 vs 1' = 0.0478 < 0.05
adjusted R^2 segmented = 0.18

-23 days

-400

-300

-200

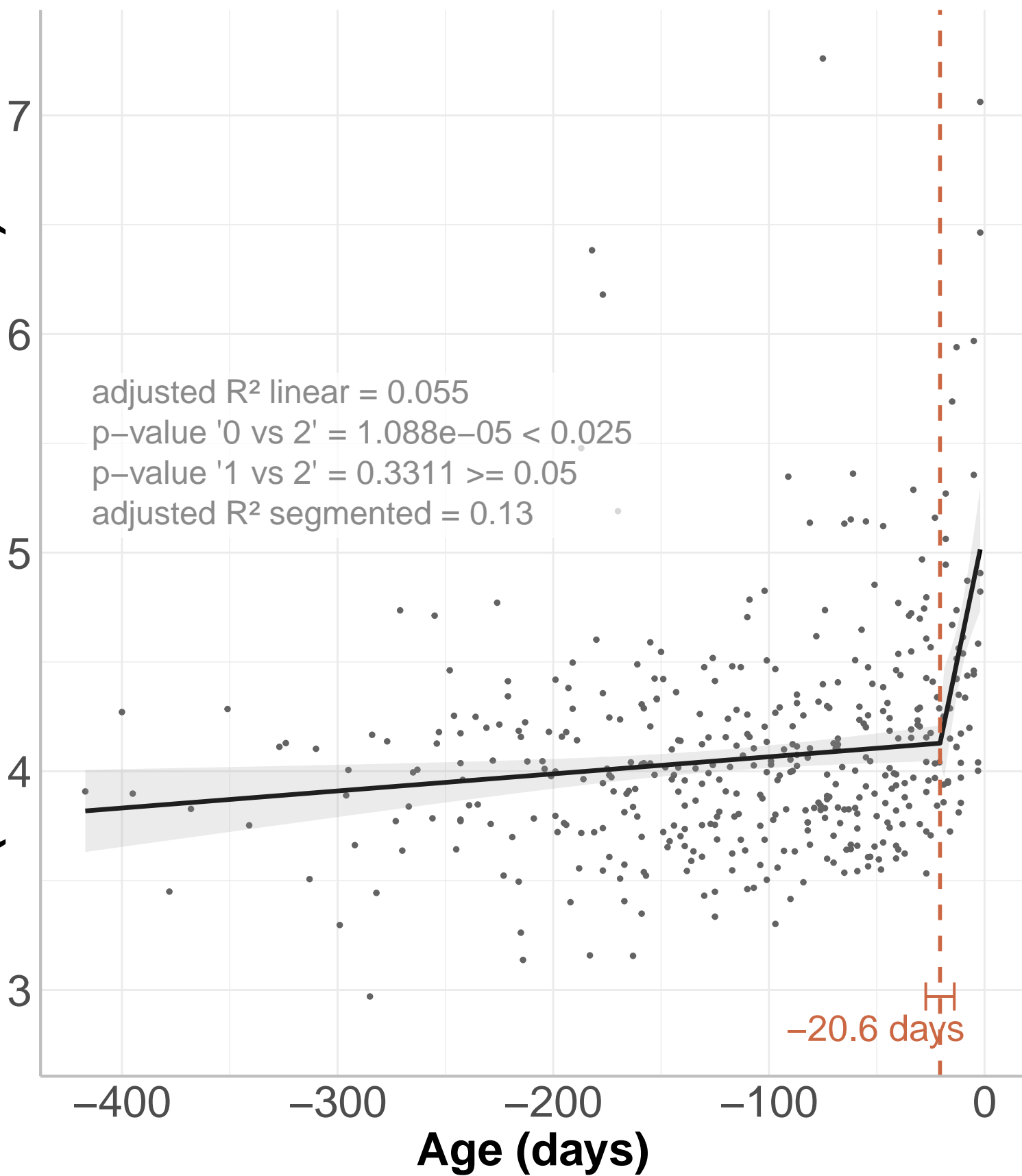
-100

0

Age (days)

Intestinal permeability – 0h post gavage

(a.u.)
(modified for random effects)



Intestinal permeability – 1h post gavage

(a.u.)

0

250

500

750

–400

–300

–200

–100

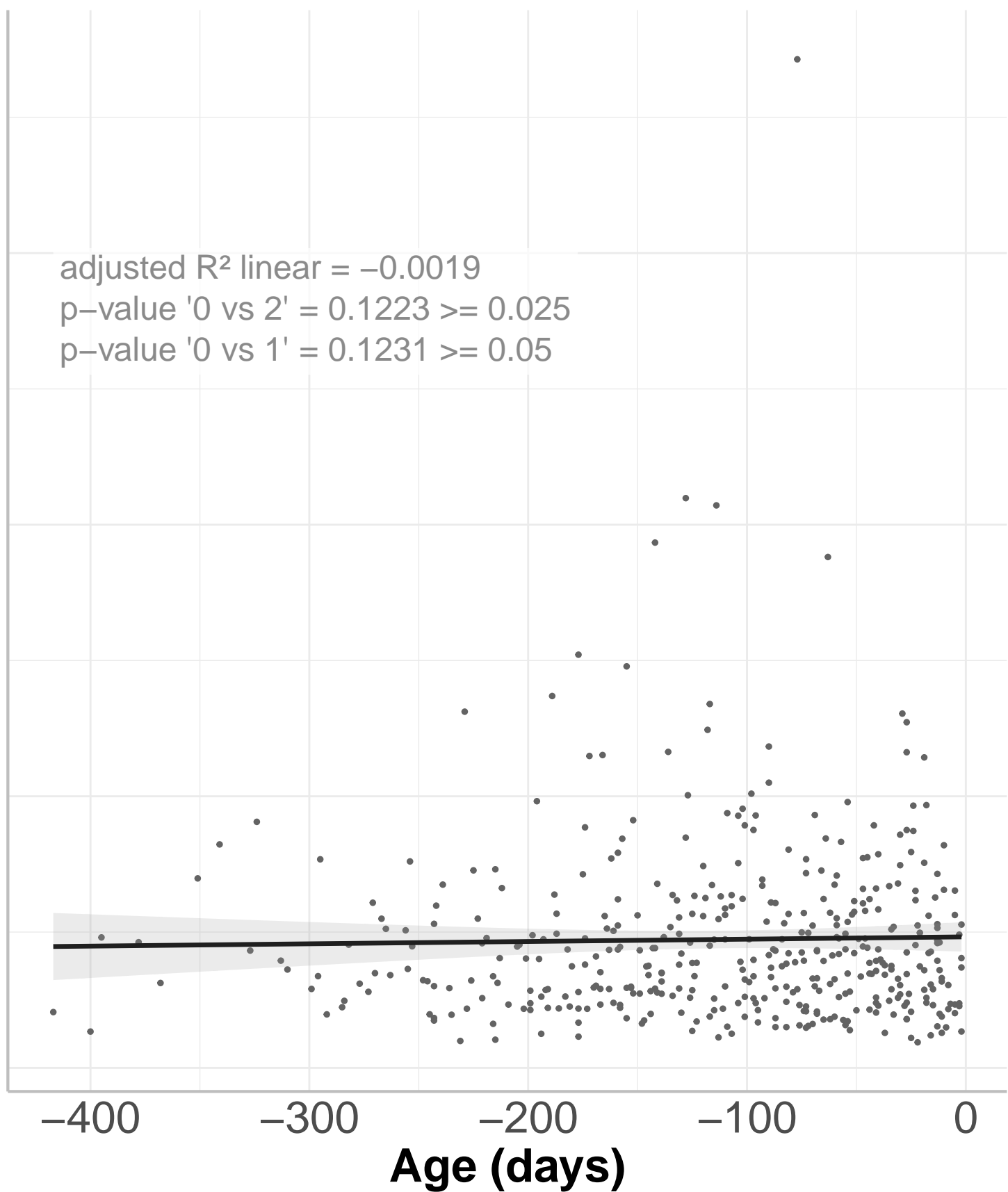
0

Age (days)

adjusted R^2 linear = -0.0019

p-value '0 vs 2' = $0.1223 \geq 0.025$

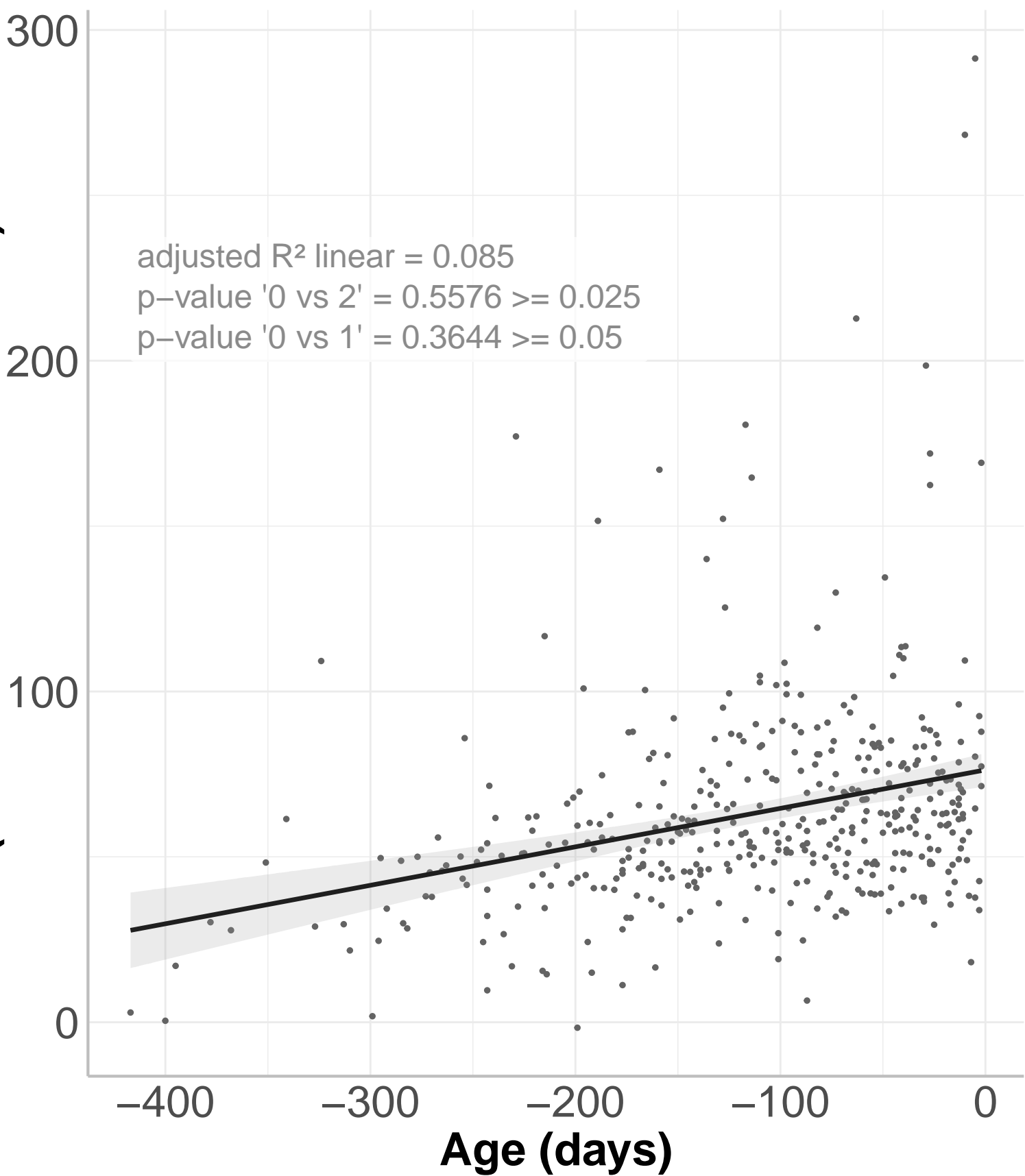
p-value '0 vs 1' = $0.1231 \geq 0.05$



Intestinal permeability – 3h post gavage

(a.u.)

(modified for random effects)



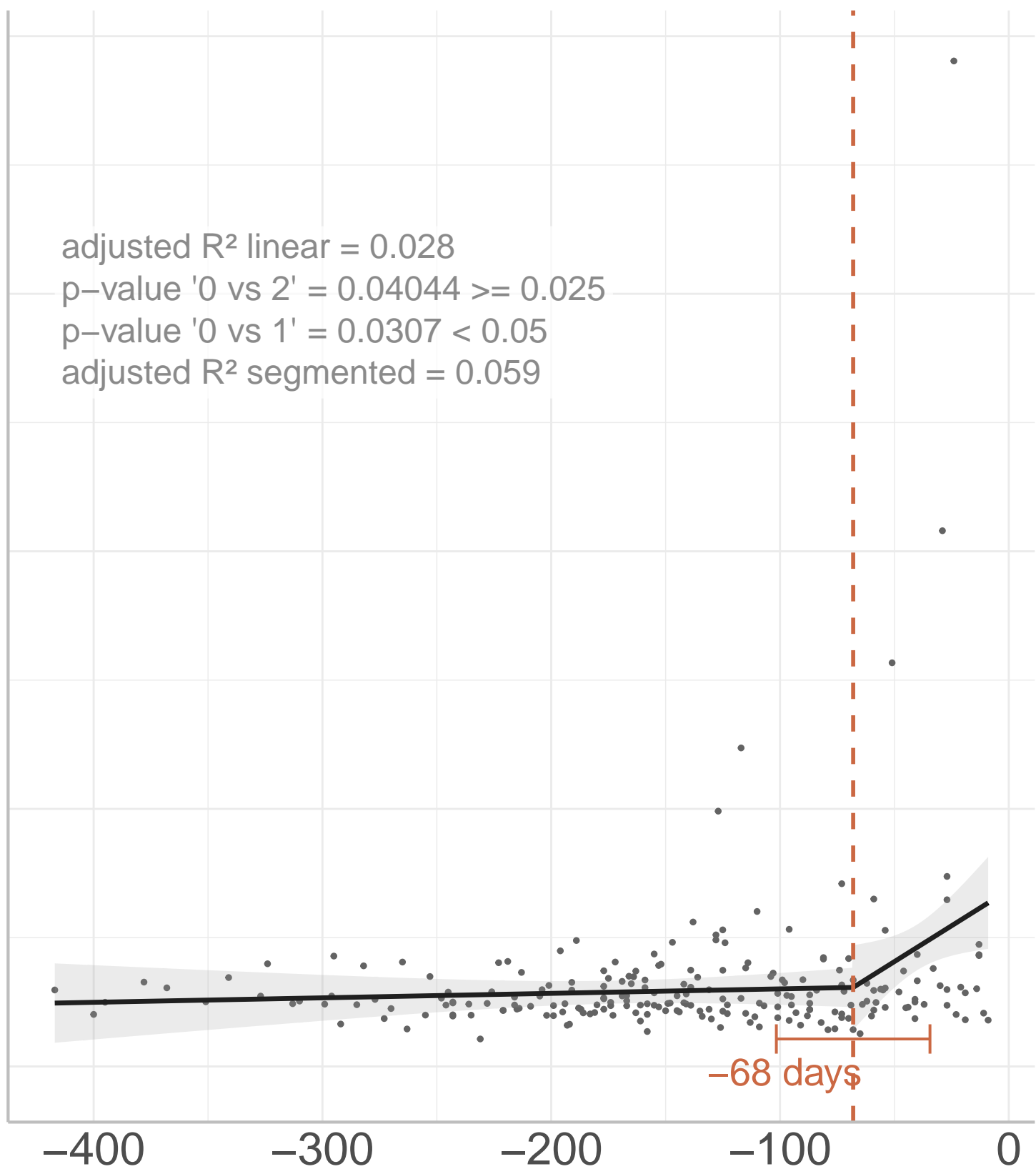
Intestinal permeability – 5h post gavage

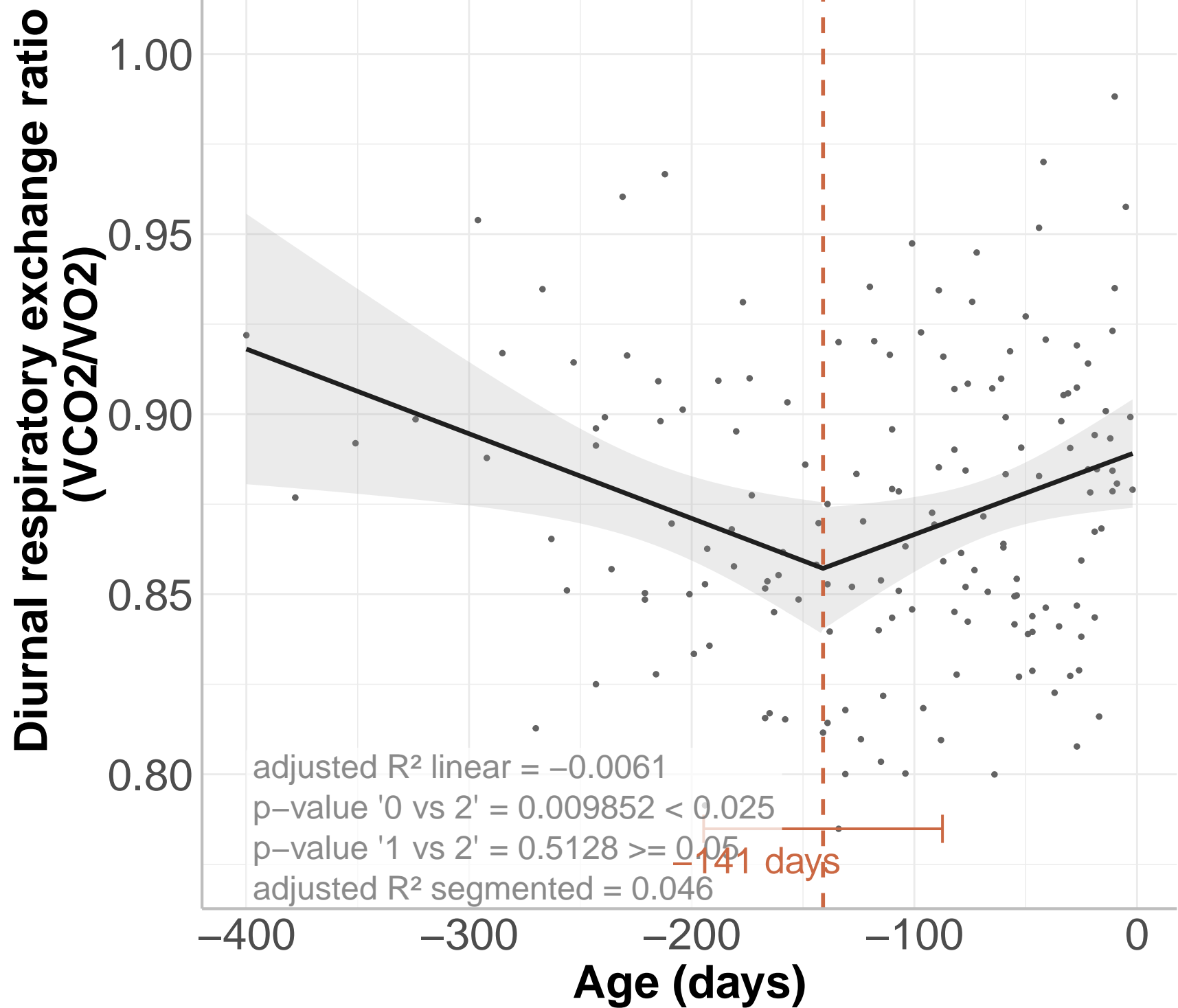
(a.u.)

adjusted R^2 linear = 0.028
p-value '0 vs 2' = 0.04044 \geq 0.025
p-value '0 vs 1' = 0.0307 $<$ 0.05
adjusted R^2 segmented = 0.059

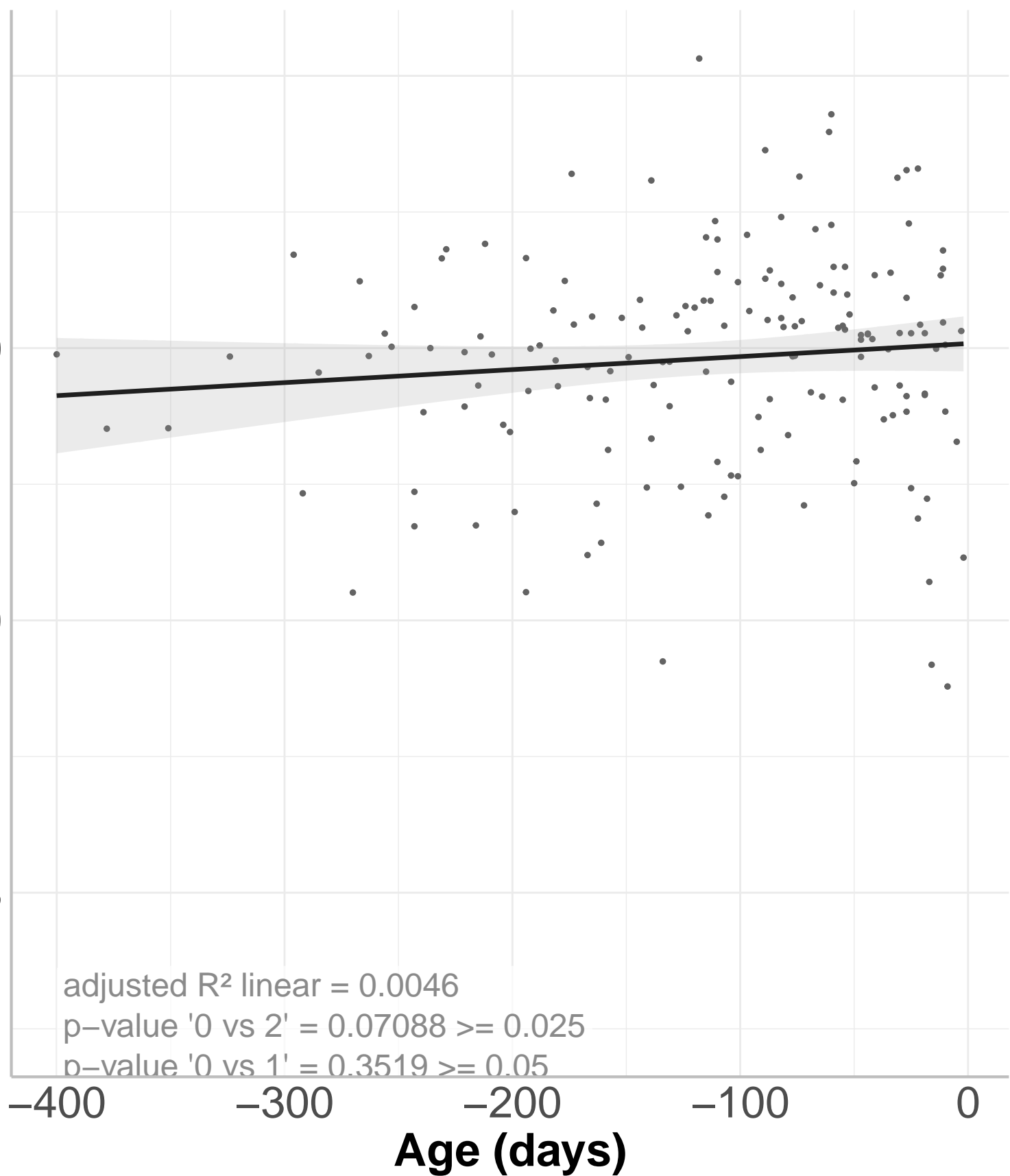
–68 days

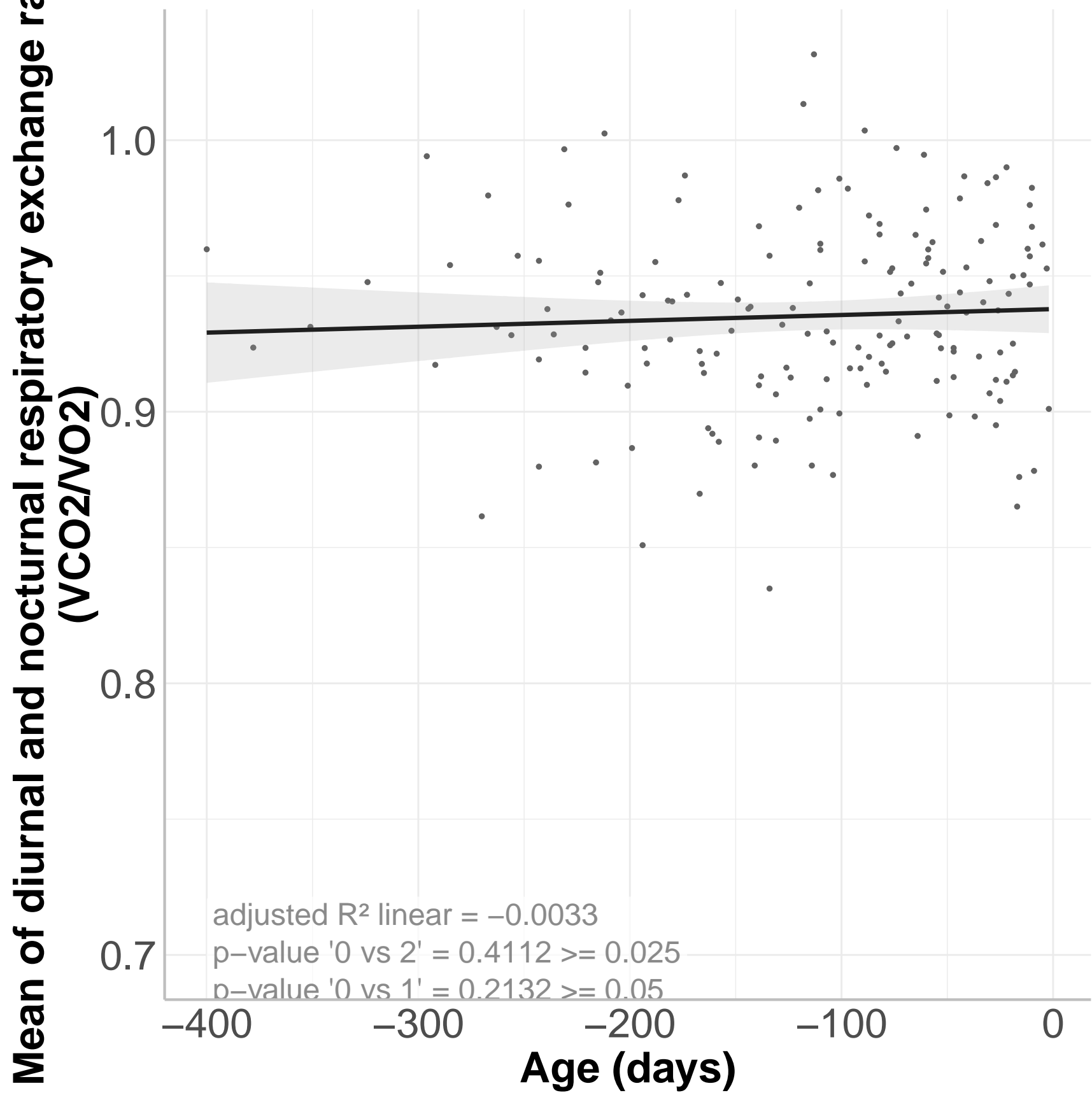
Age (days)

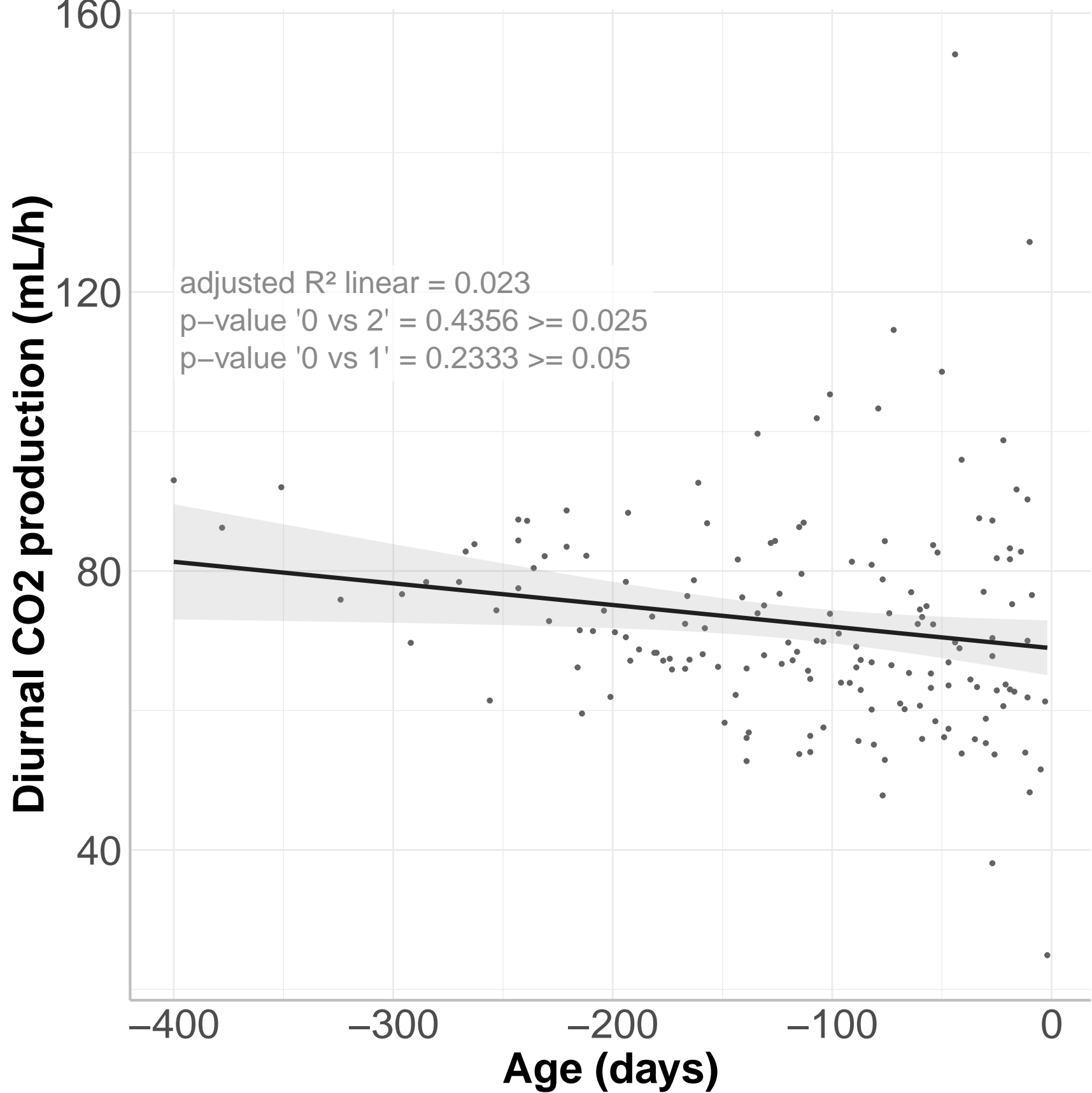


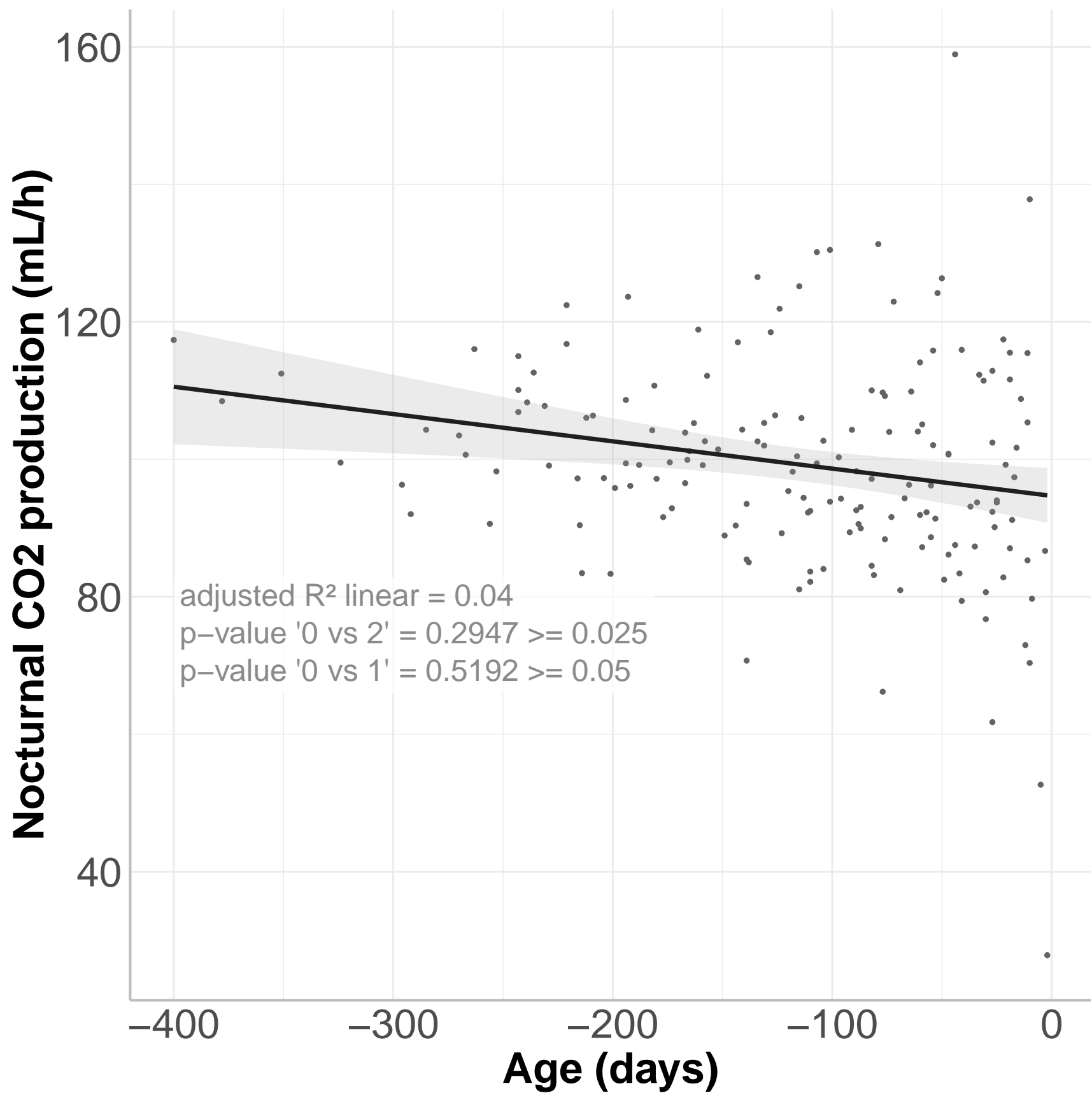


**Nocturnal respiratory exchange ratio
(VCO₂/VO₂)**

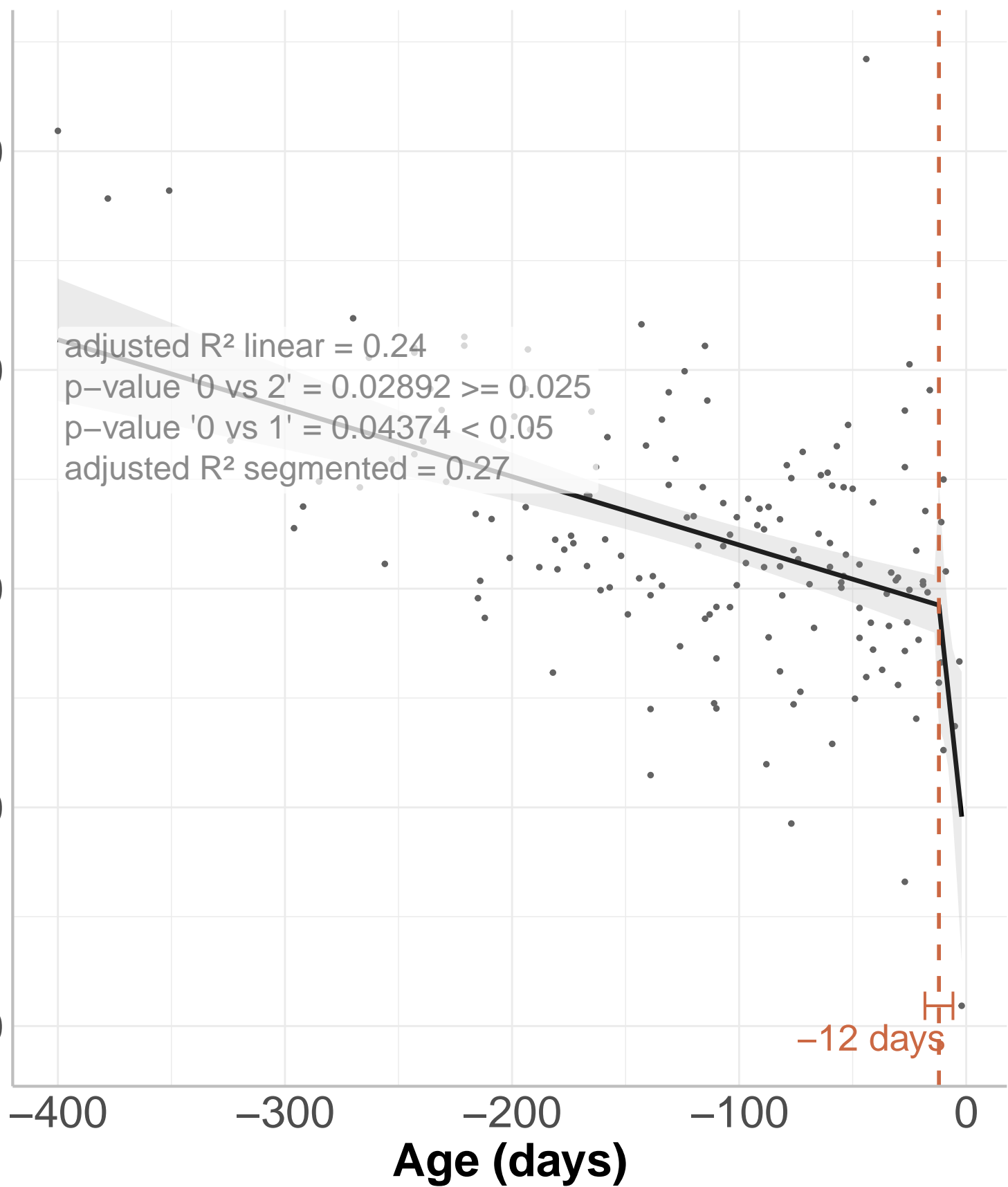


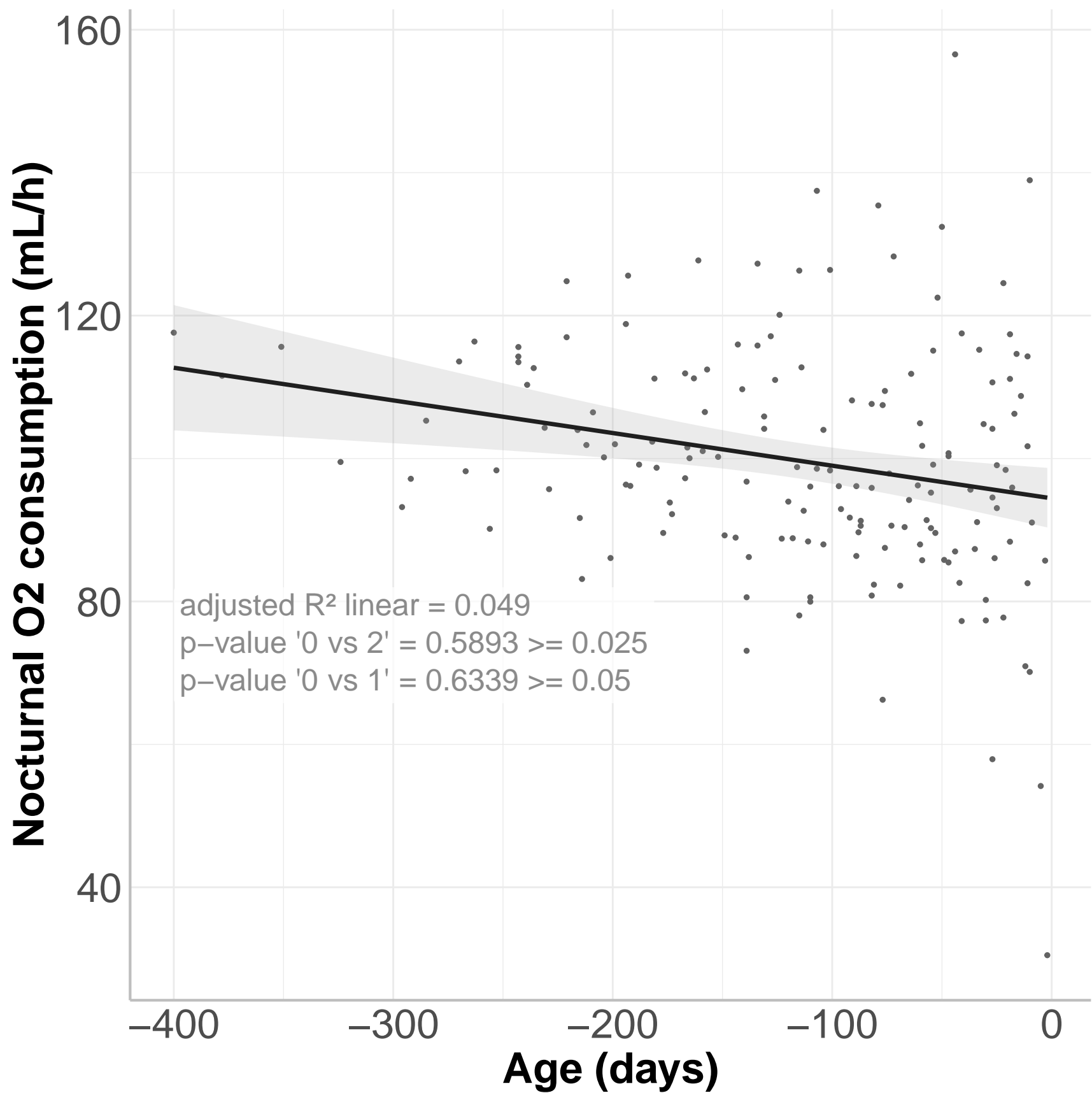


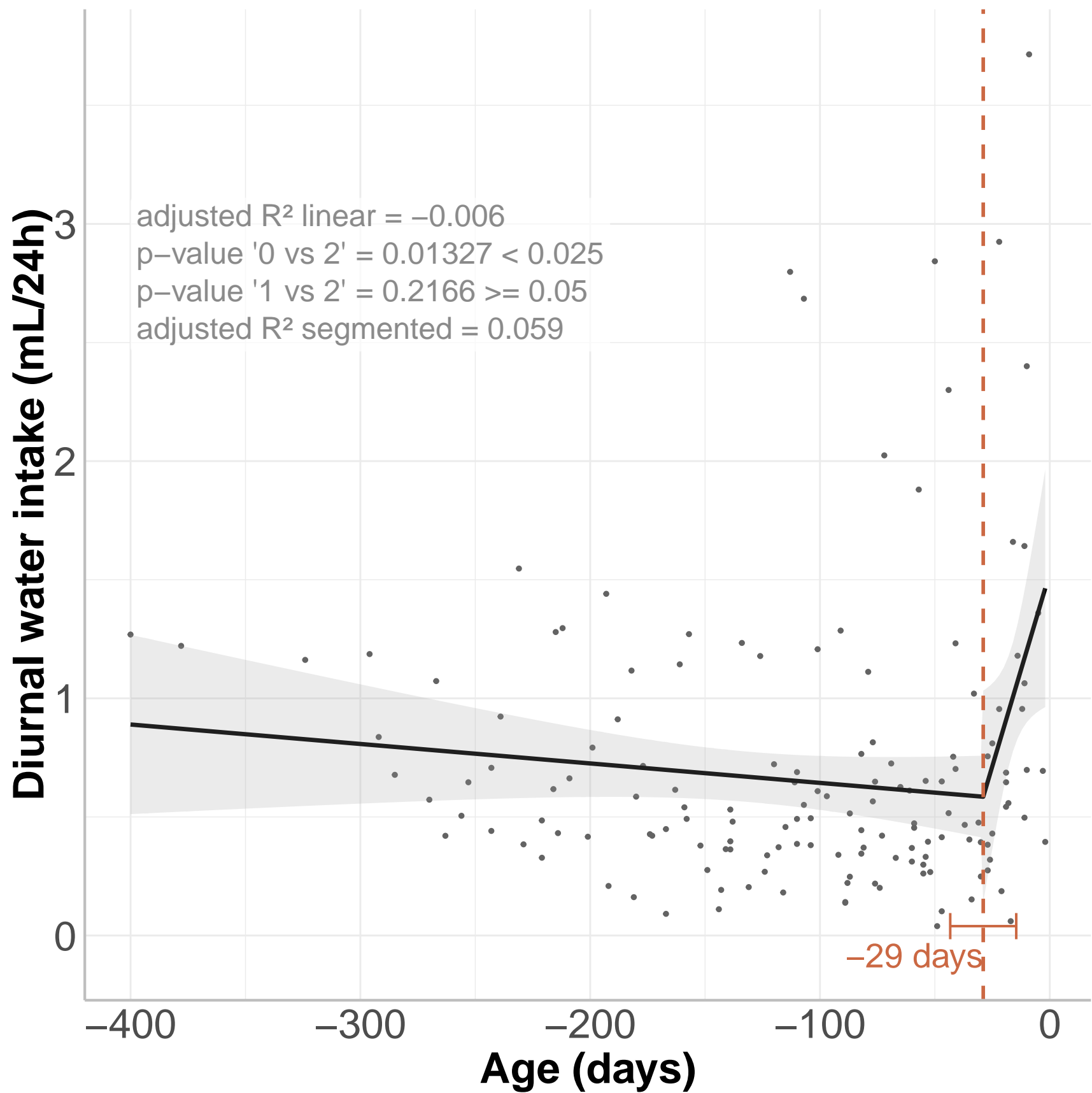


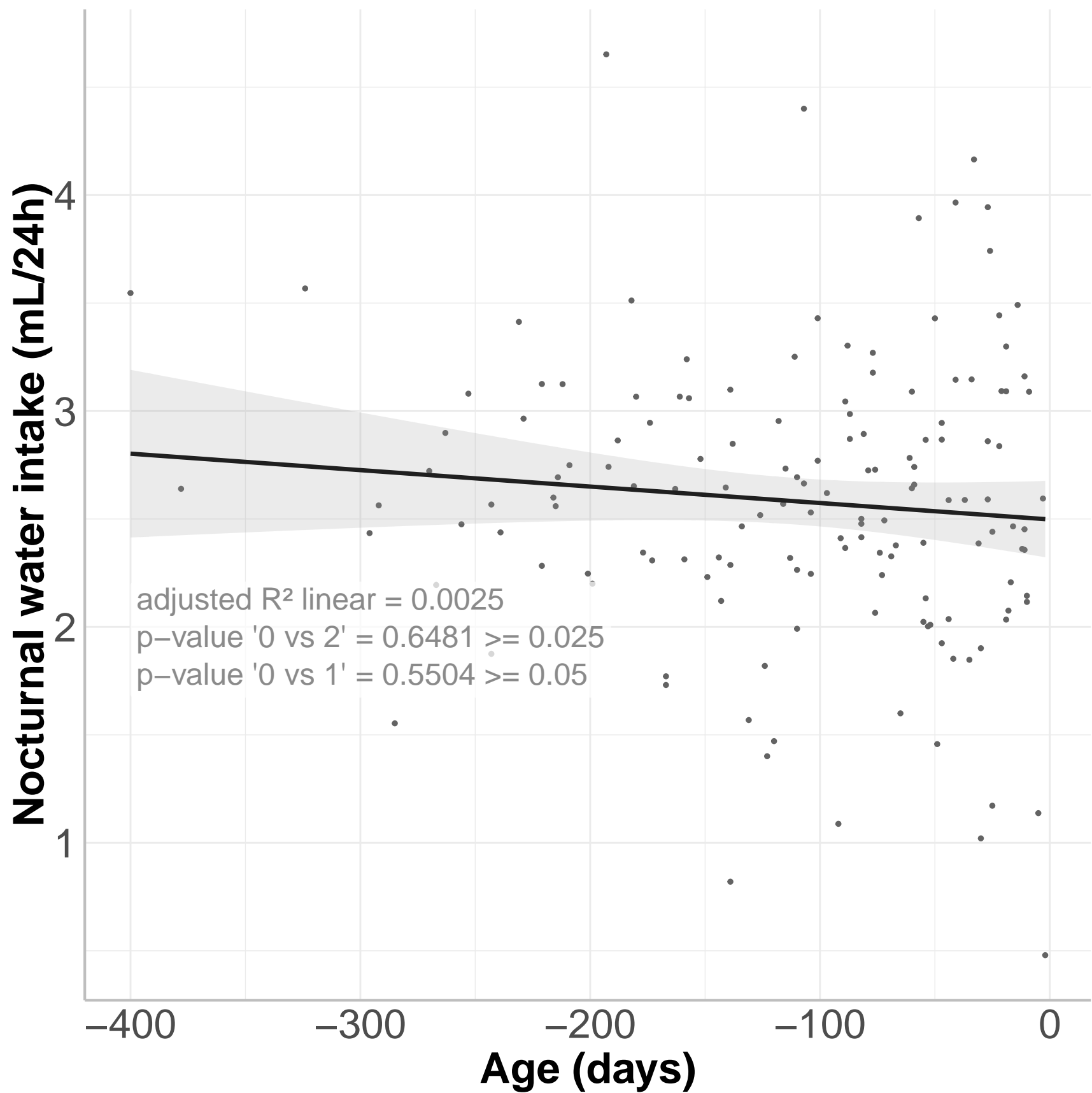


Diurnal O2 consumption (mL/h)
(modified for random effects)



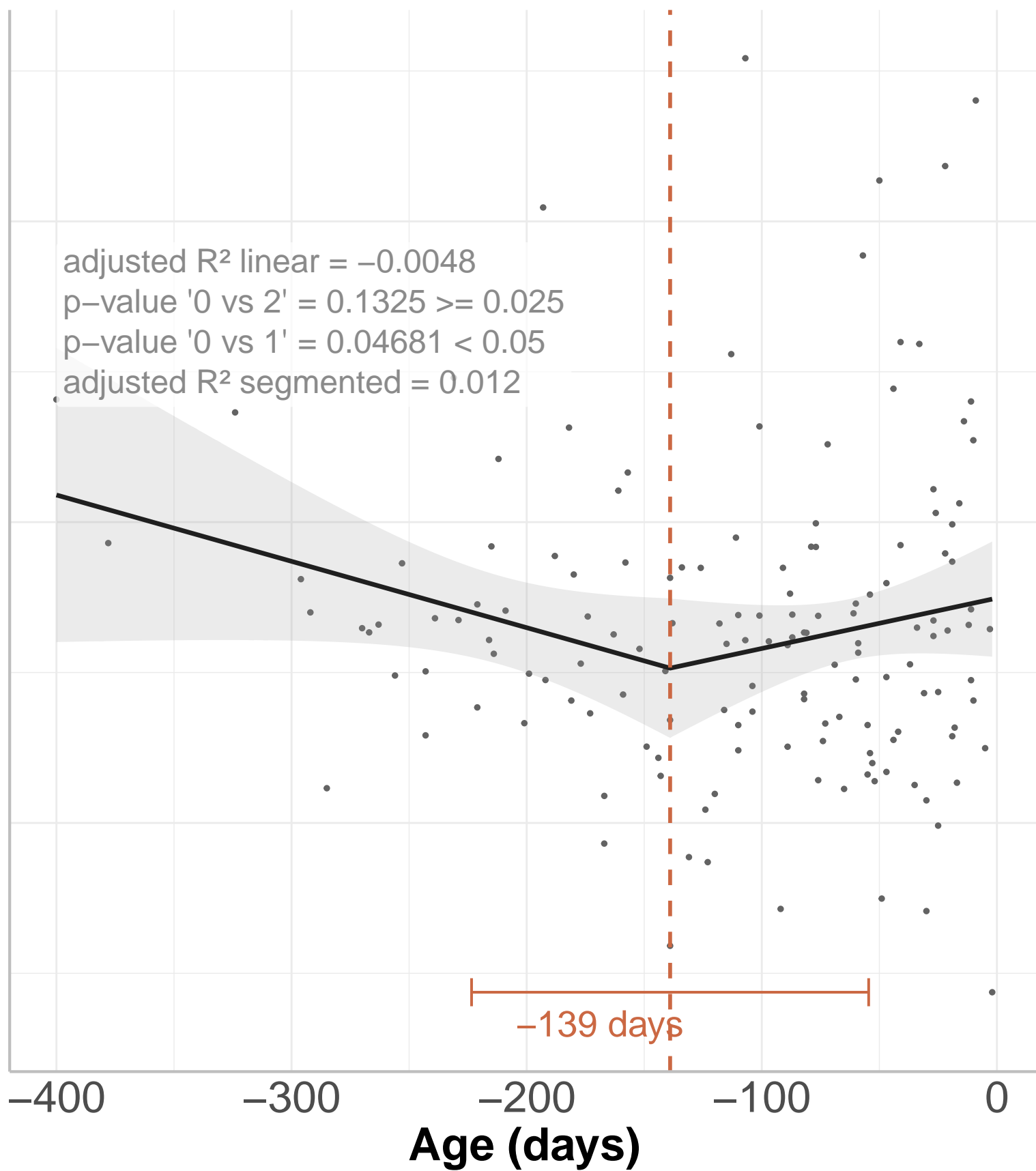


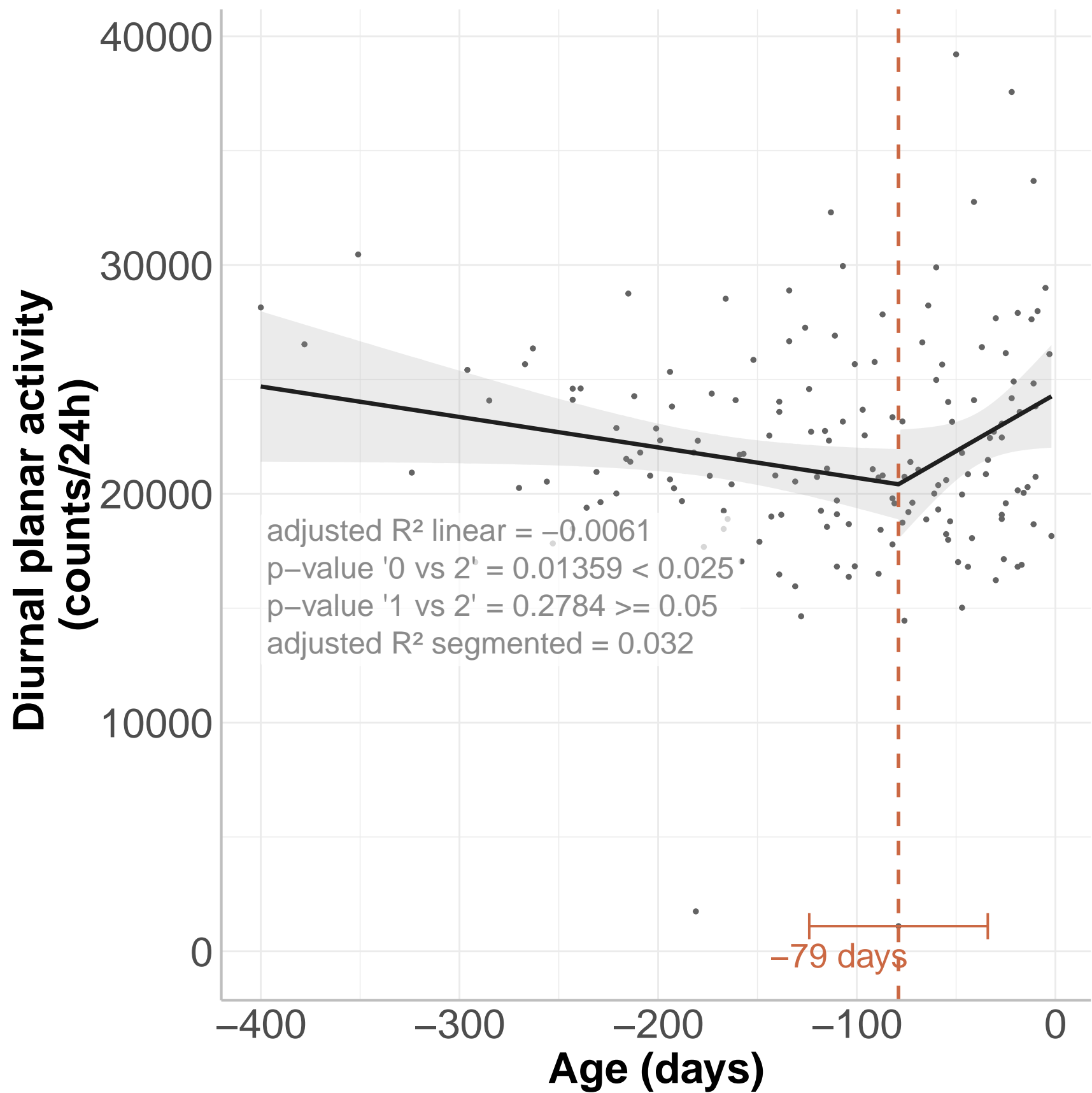


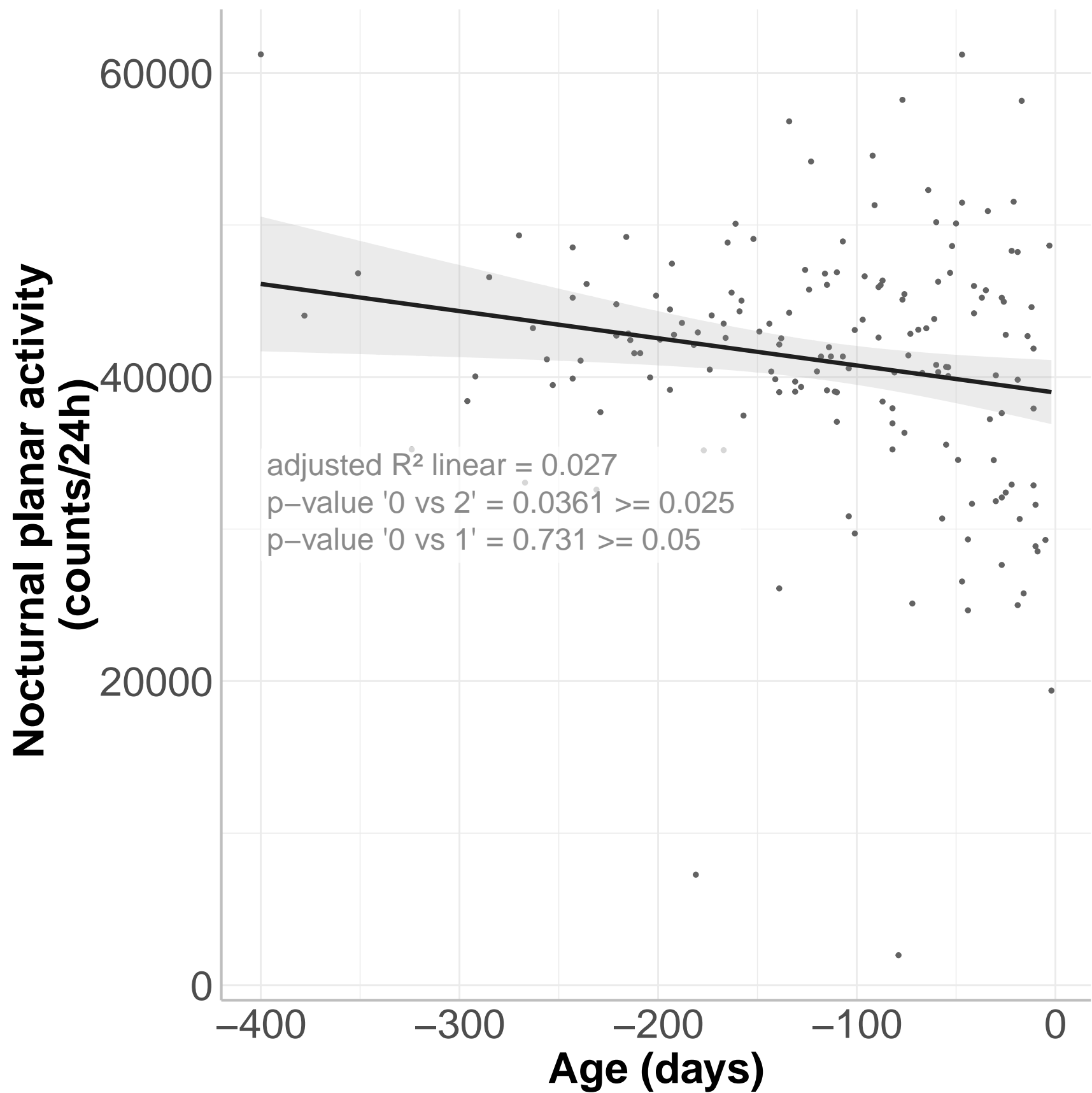


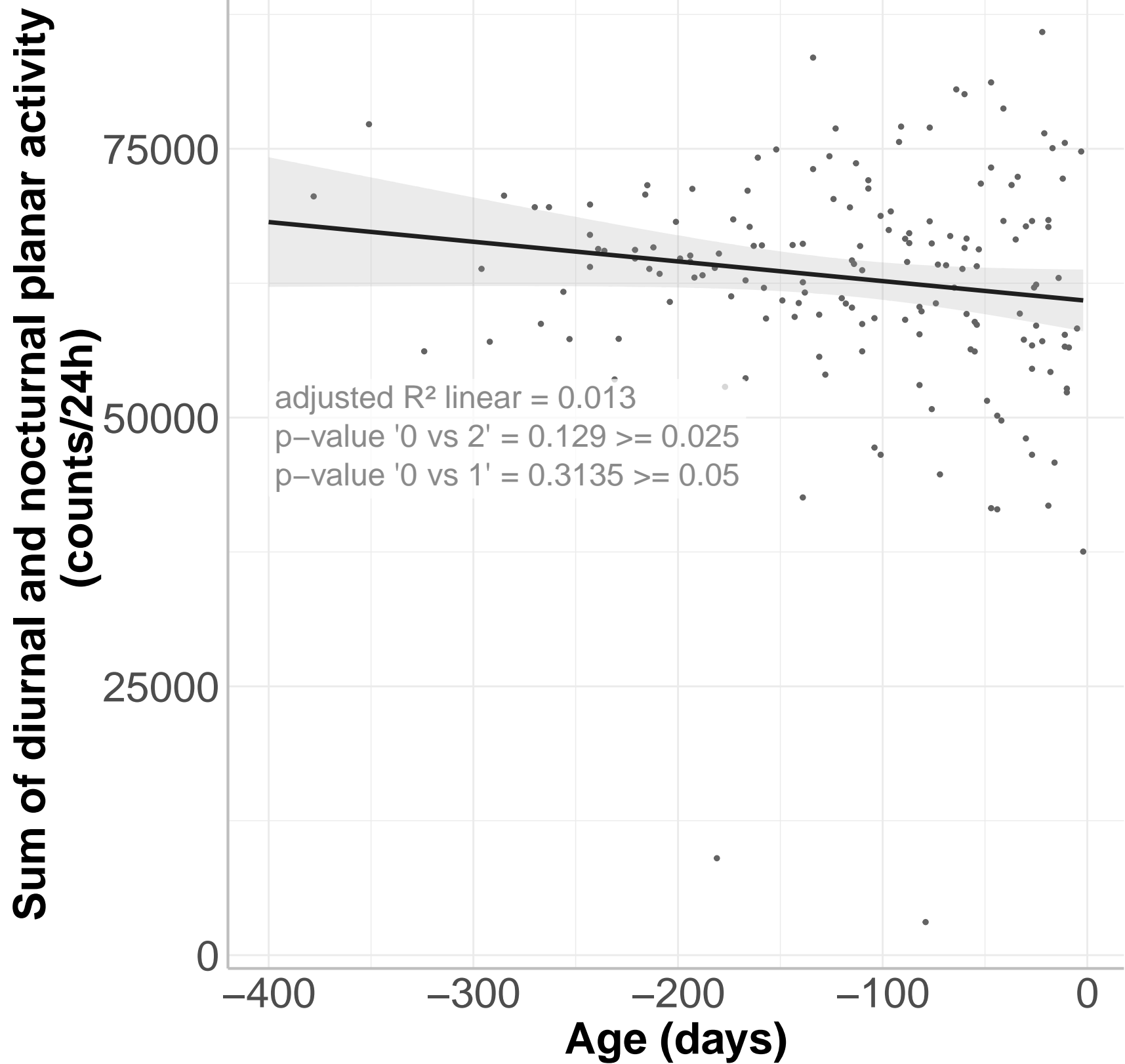
Sum of diurnal and nocturnal water intake

(mL/24h)

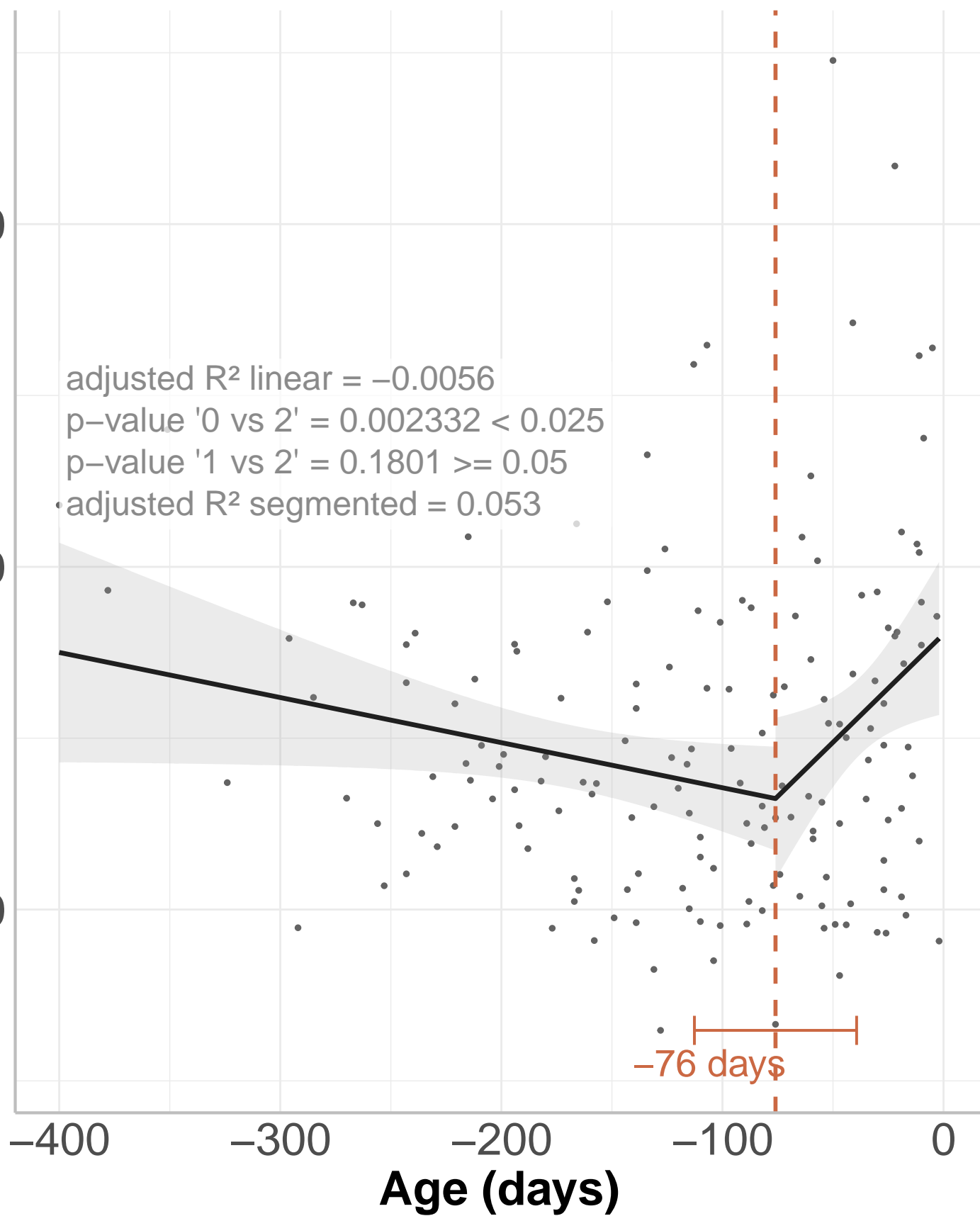


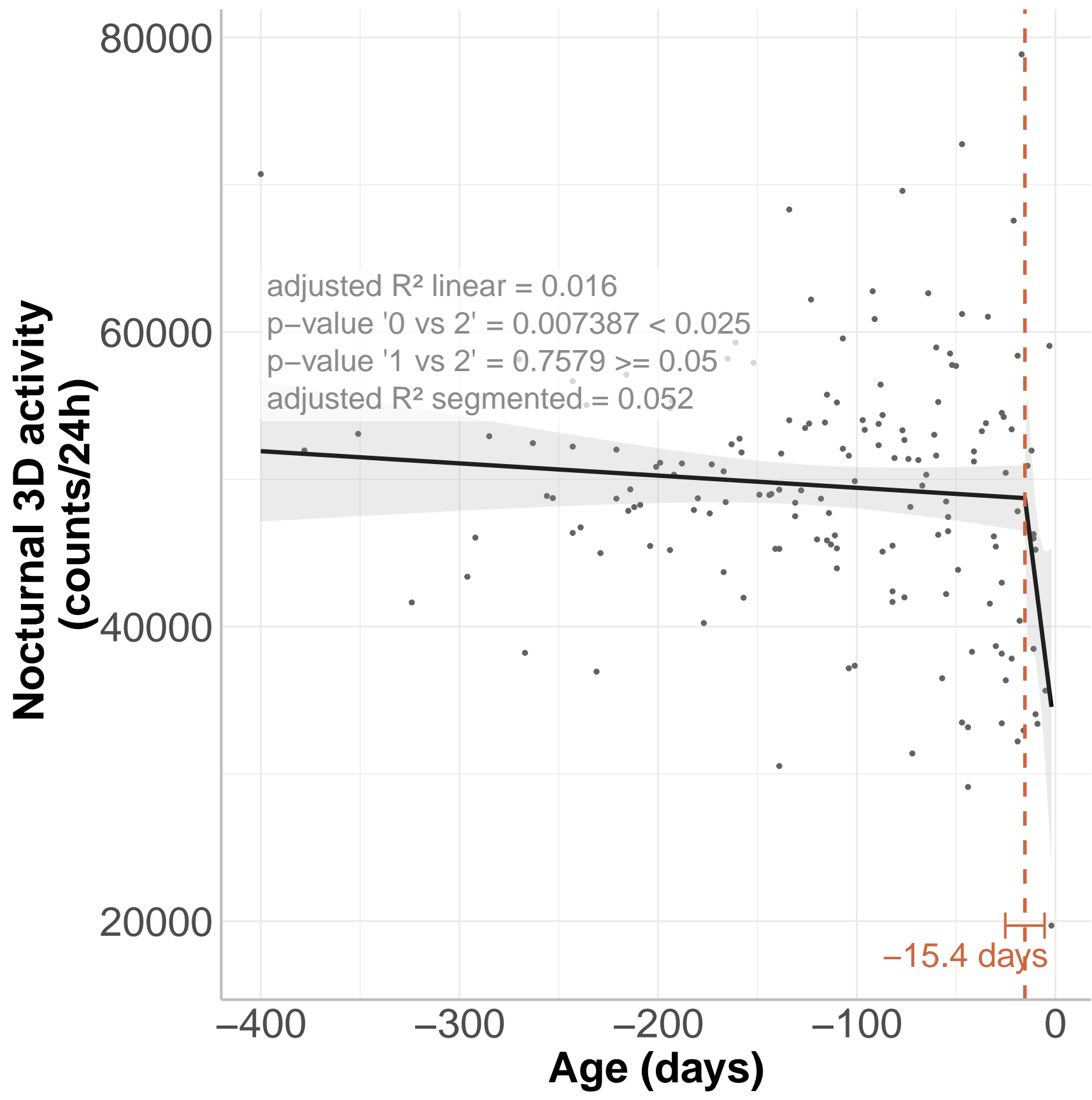






**Diurnal 3D activity
(counts/24h)**





**Sum of diurnal and nocturnal 3D activity
(counts/24h)
(modified for random effects)**

1e+05

8e+04

6e+04

4e+04

-400

-300

-200

-100

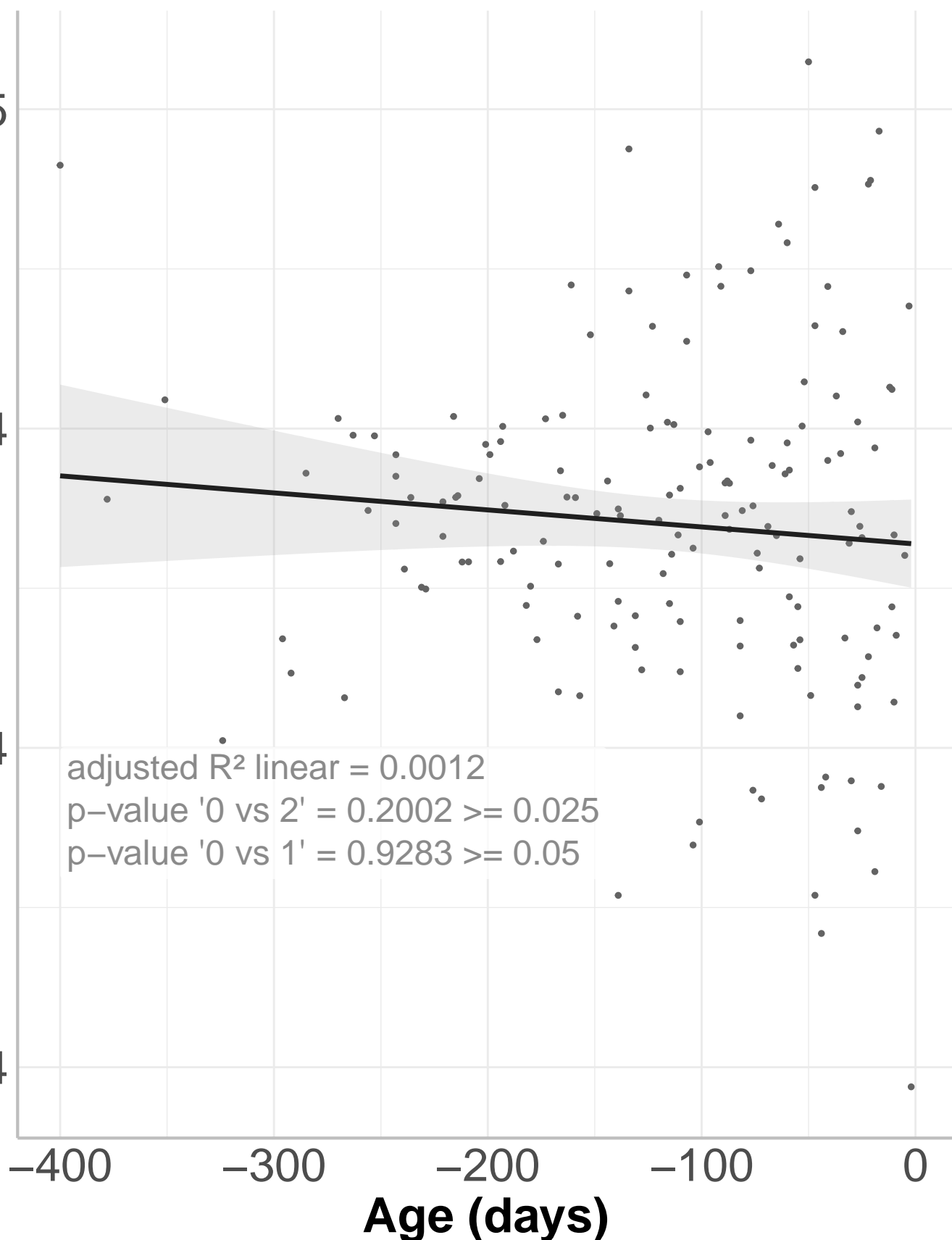
0

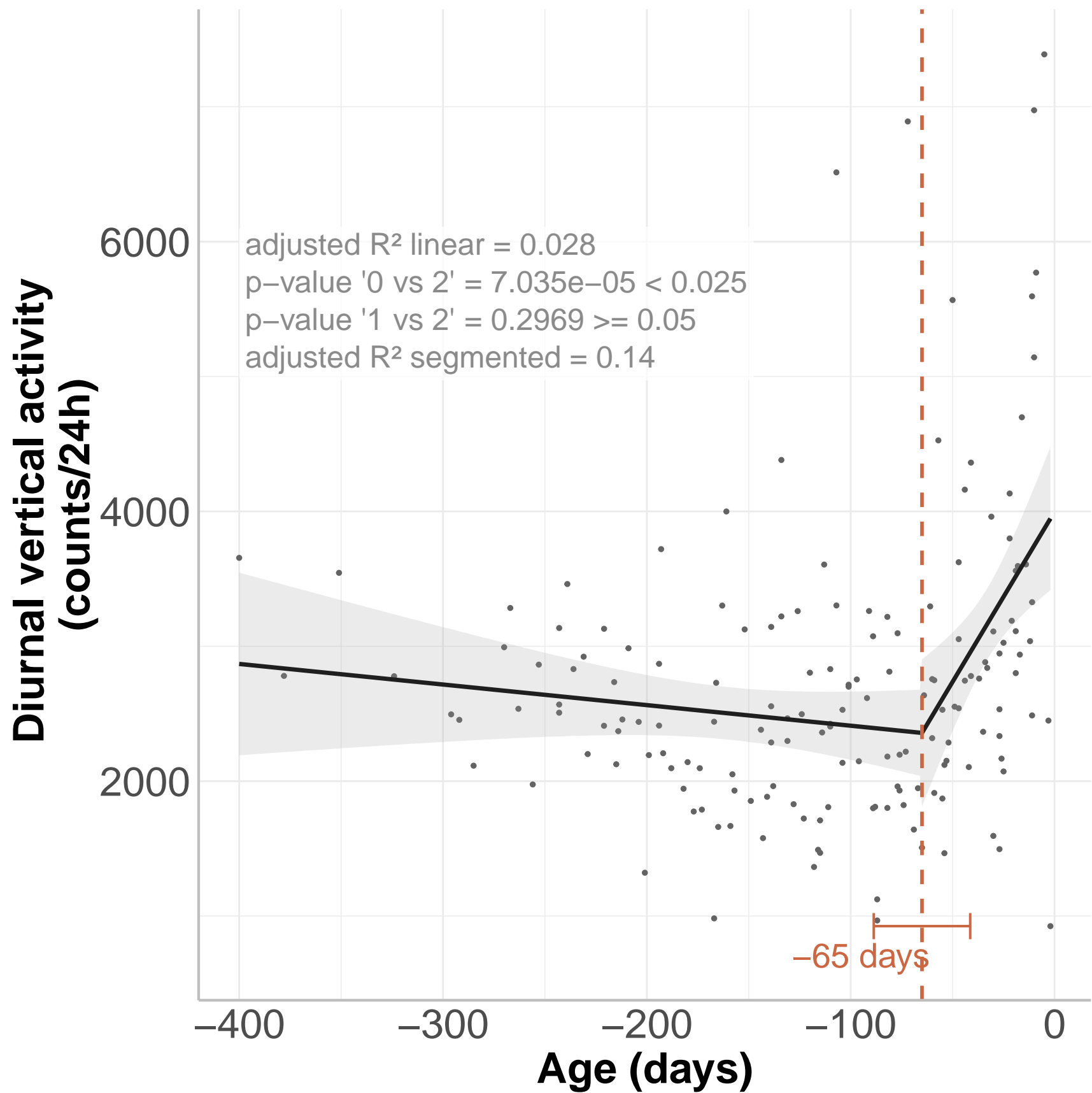
Age (days)

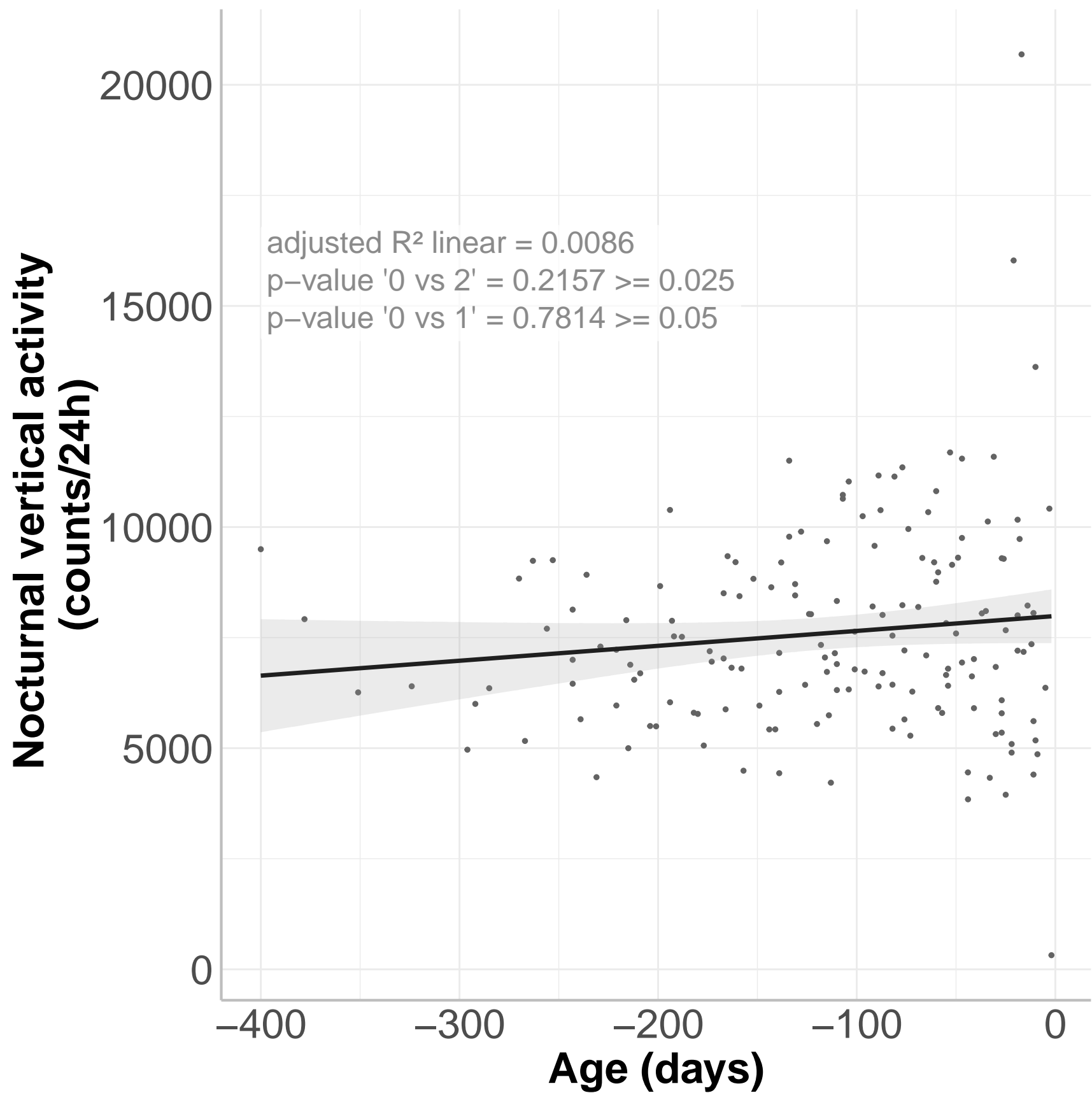
adjusted R^2 linear = 0.0012

p-value '0 vs 2' = 0.2002 \geq 0.025

p-value '0 vs 1' = 0.9283 \geq 0.05







**Sum of diurnal and nocturnal vertical activity
(counts/24h)
(modified for random effects)**

