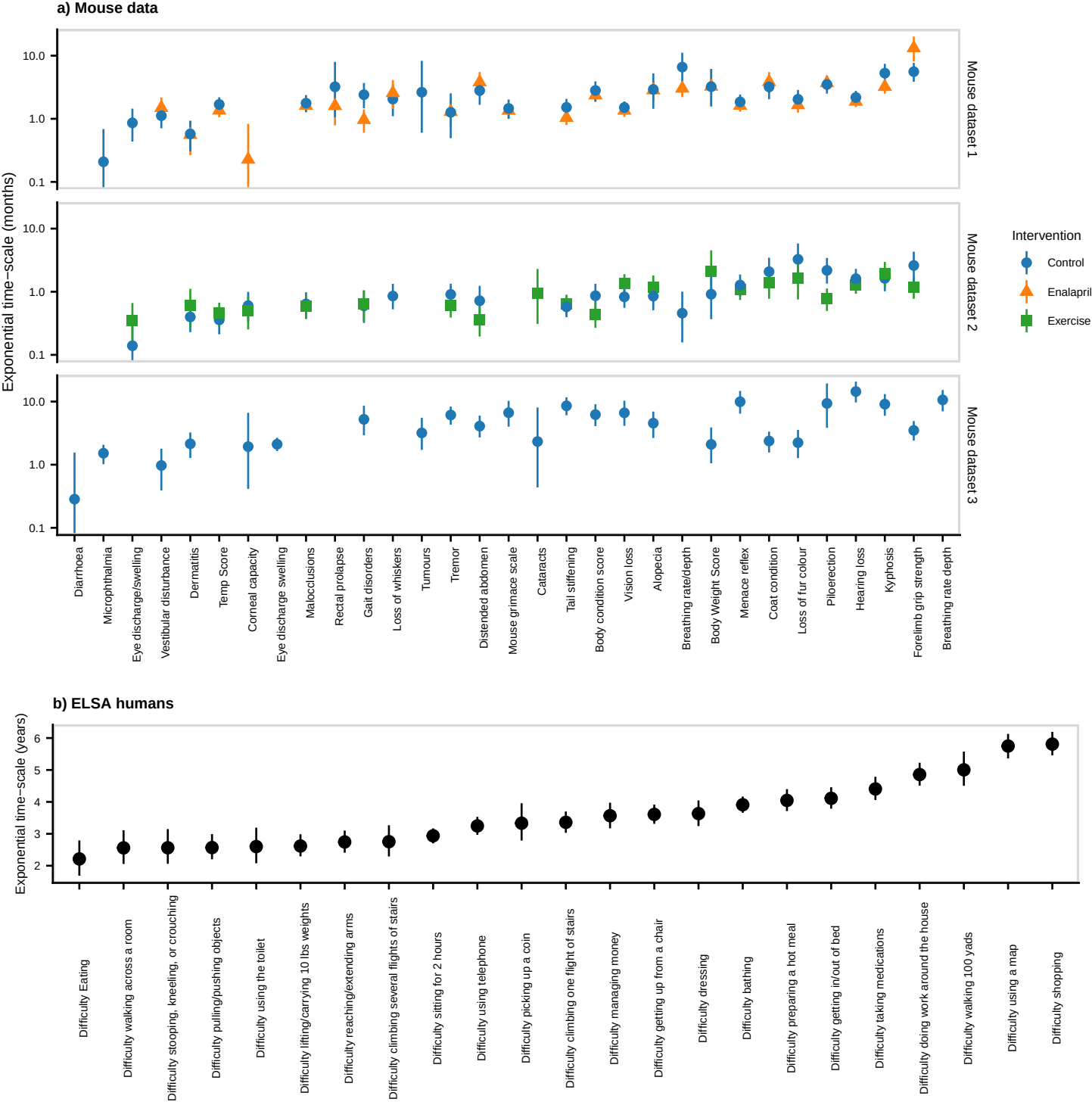
a) Mouse data
Exponential time−scale (months)
10.0
1.0
0.1
Mouse dataset 1
Mouse dataset 2
Mouse dataset 3
Intervention
Control
Enalapril
Exercise
Diarrhoea
Microphthalmia
Eye discharge/swelling
Vestibular disturbance
Dermatitis
Temp Score
Corneal capacity
Eye discharge swelling
Malocclusions
Rectal prolapse
Gait disorders
Loss of whiskers
Tumours
Tremor
Distended abdomen
Mouse grimace scale
Cataracts
Tail stiffening
Body condition score
Vision loss
Alopecia
Breathing rate/depth
Body Weight Score
Menace reflex
Coat condition
Loss of fur colour
Pilorection
Hearing loss
Kyphosis
Forelimb grip strength
Breathing rate depth
b) ELSA humans
Exponential time−scale (years)
6
5
4
3
2
Difficulty Eating
Difficulty walking across a room
Difficulty stooping, kneeling, or crouching
Difficulty pulling/pushing objects
Difficulty using the toilet
Difficulty lifting/carrying 10 lbs weights
Difficulty reaching/extending arms
Difficulty climbing several flights of stairs
Difficulty sitting for 2 hours
Difficulty using telephone
Difficulty picking up a coin
Difficulty climbing one flight of stairs
Difficulty managing money
Difficulty getting up from a chair
Difficulty dressing
Difficulty bathing
Difficulty preparing a hot meal
Difficulty getting in/out of bed
Difficulty taking medications
Difficulty doing work around the house
Difficulty walking 100 yards
Difficulty using a map
Difficulty shopping