

Supporting material

Body Condition Scores (BCS) in European zoo elephants' (*Loxodonta africana* and *Elephas maximus*) lifetimes – a longitudinal analysis

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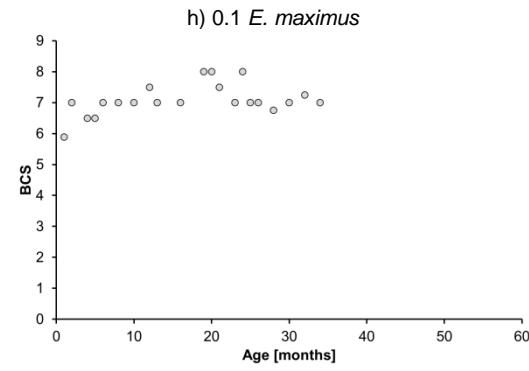
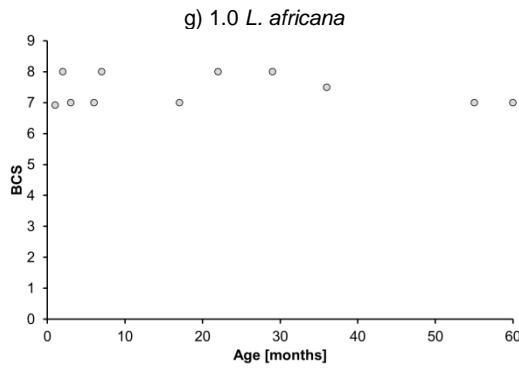
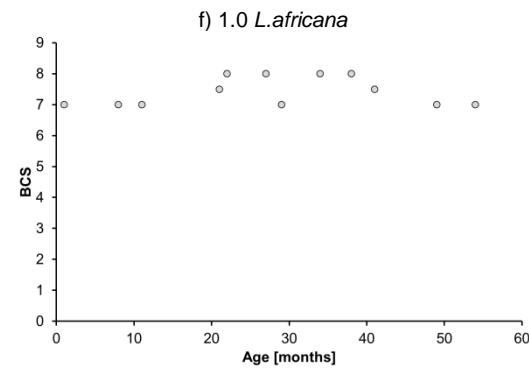
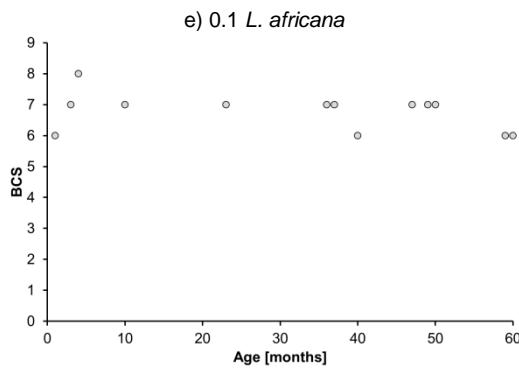
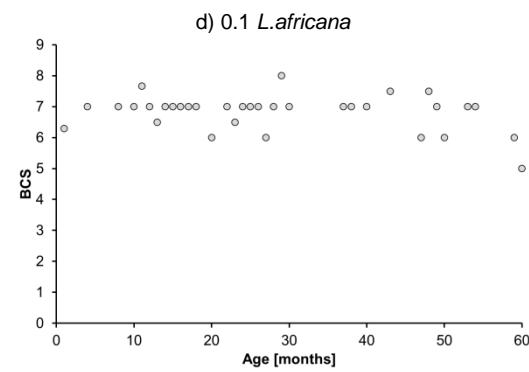
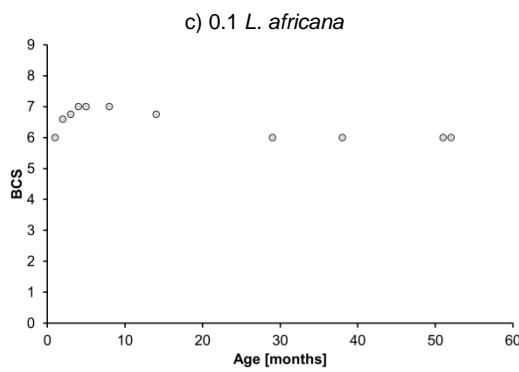
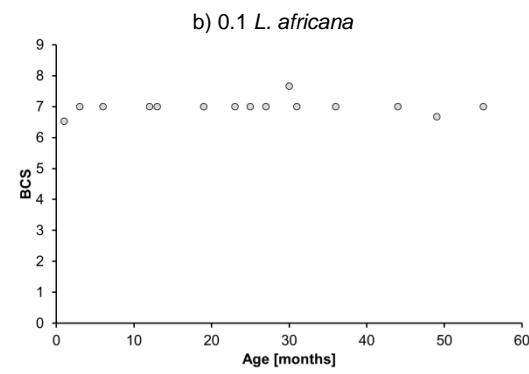
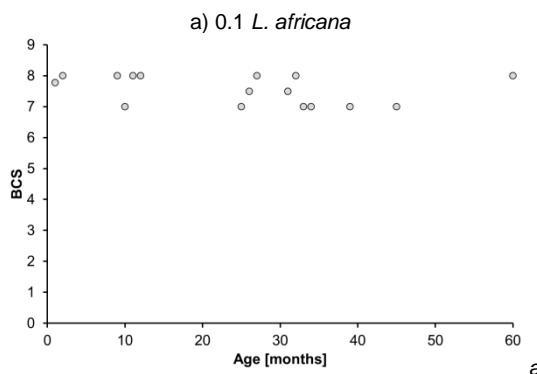
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A) Calves (< 5 years)



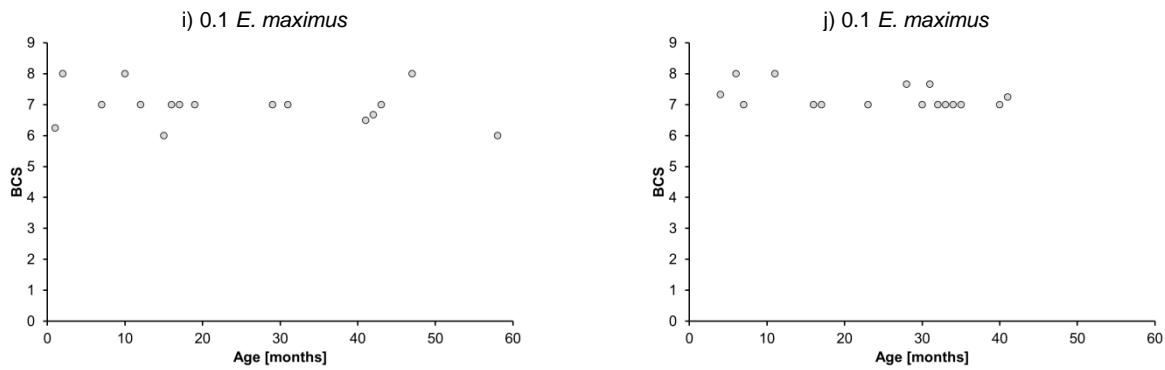
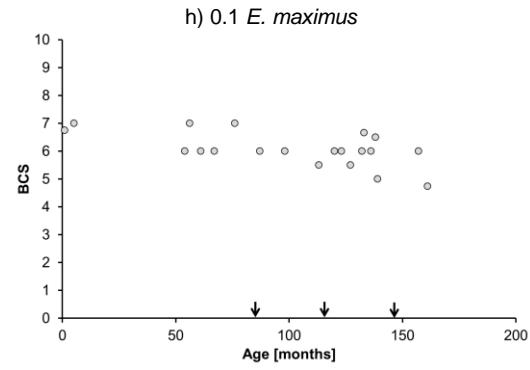
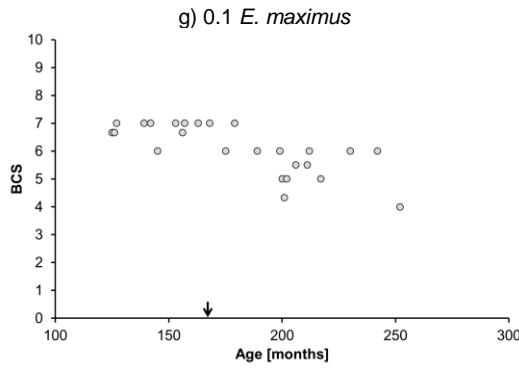
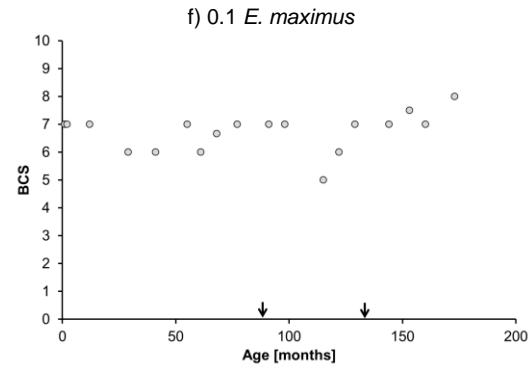
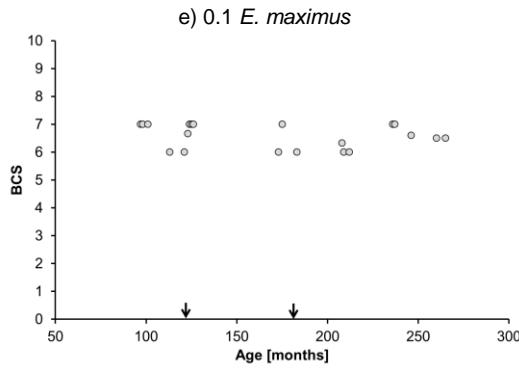
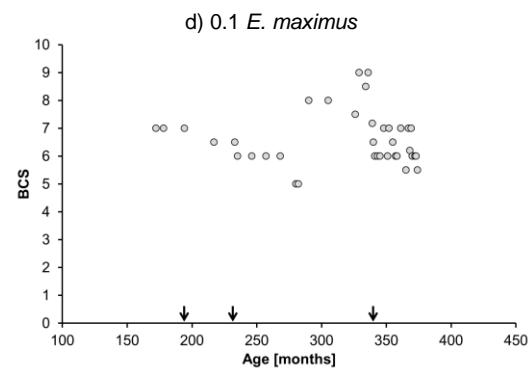
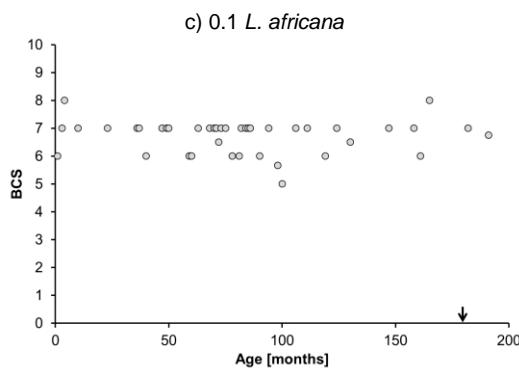
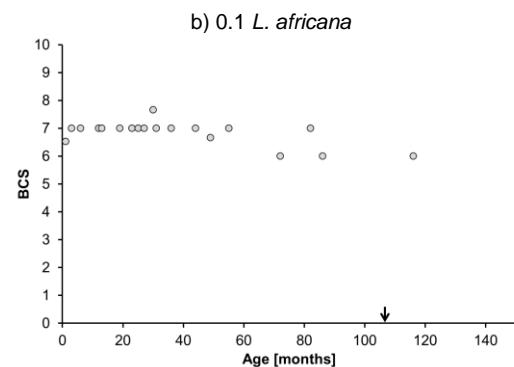
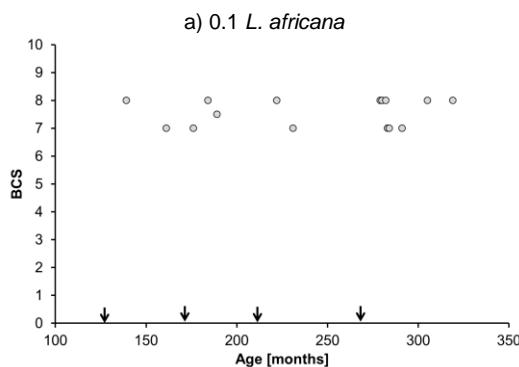


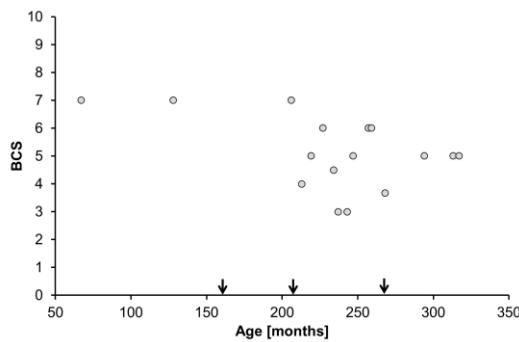
Figure S1 Change over time of body condition scores in individual zoo elephant calves during their first 5 years of life. The abbreviation 0.1 indicates female and 1.0 male individuals.

B) Females during pregnancy and lactation

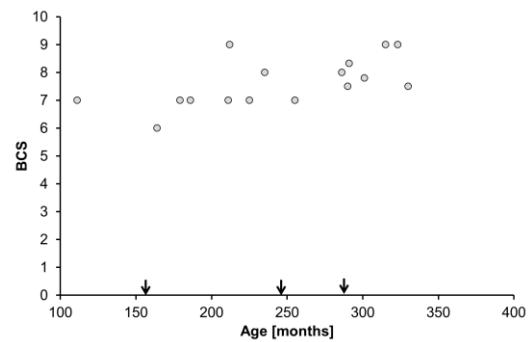


i) 0.1 *E. maximus*

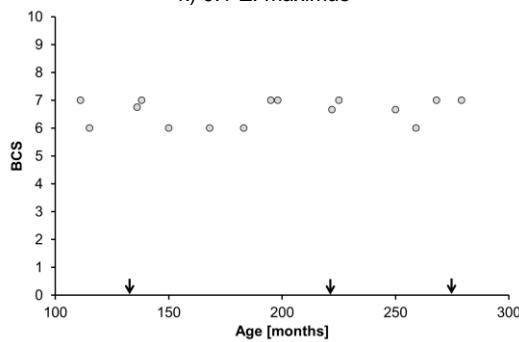
j) 0.1 *E. maximus*



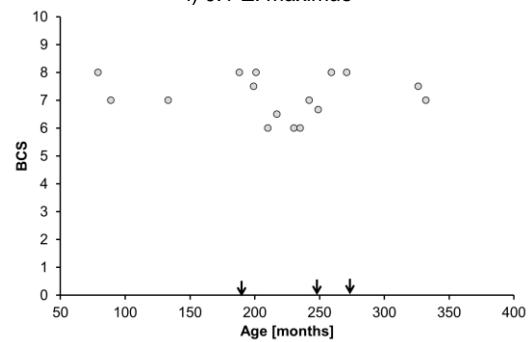
k) 0.1 *E. maximus*



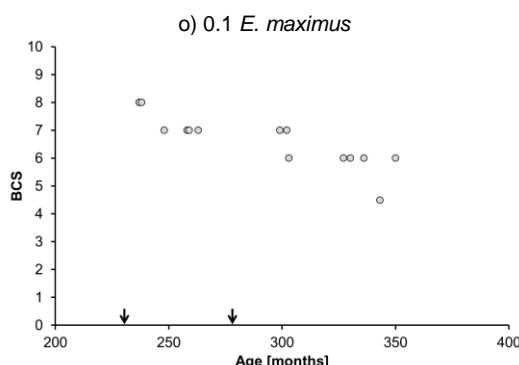
l) 0.1 *E. maximus*



m) 0.1 *E. maximus*



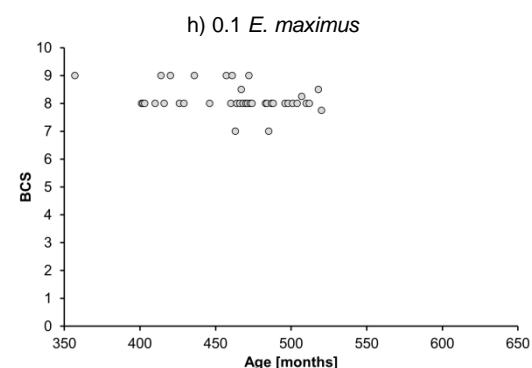
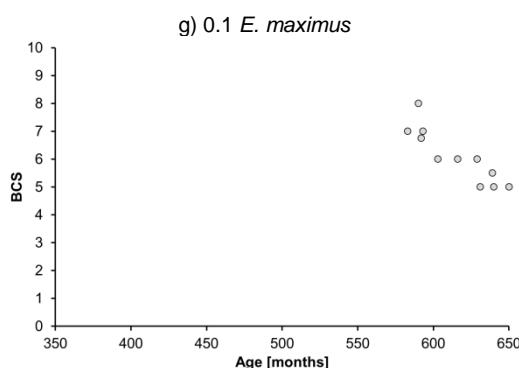
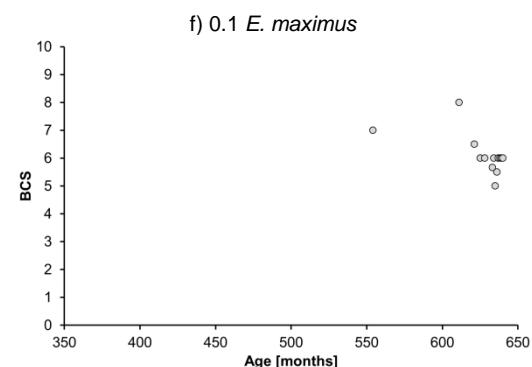
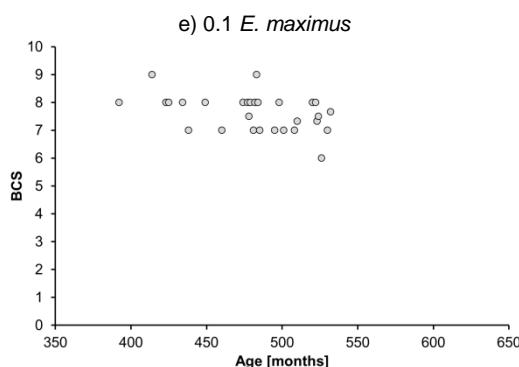
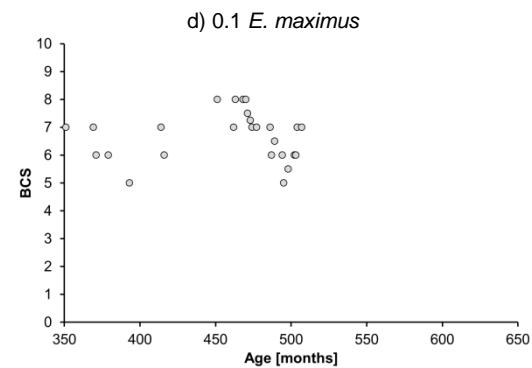
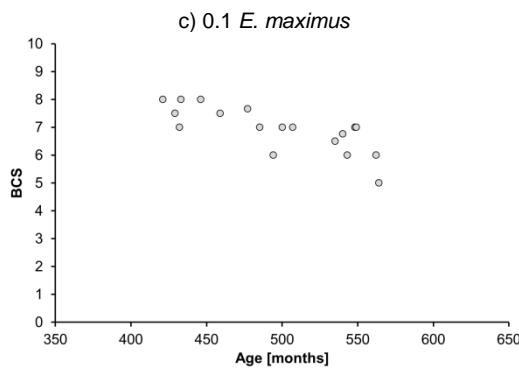
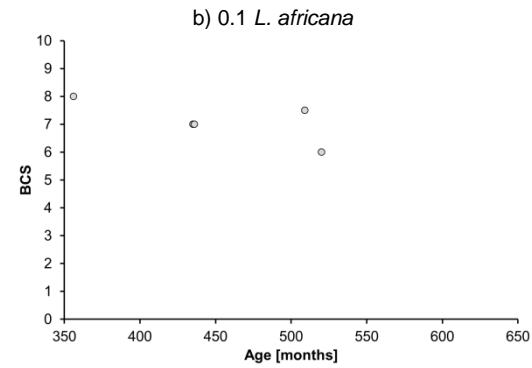
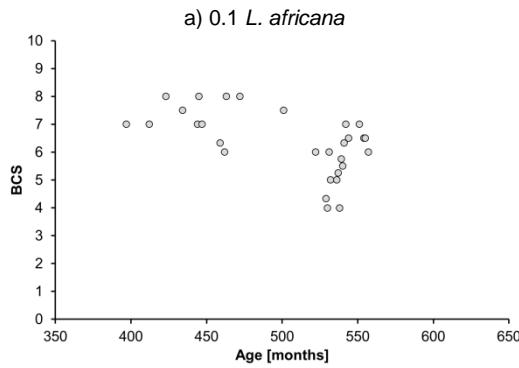
n) 0.1 *E. maximus*

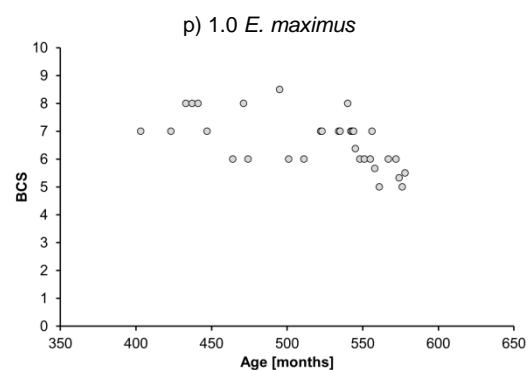
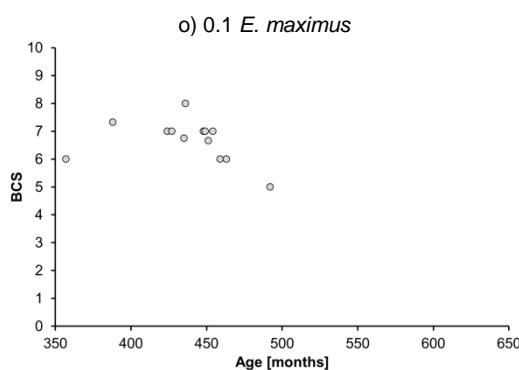
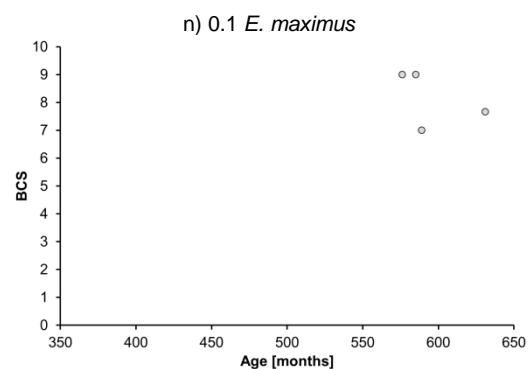
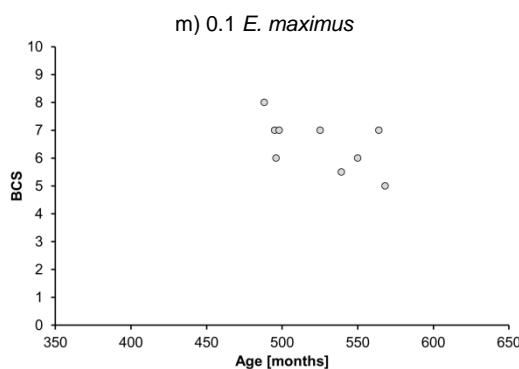
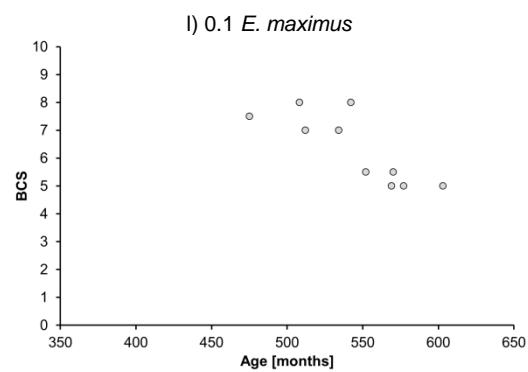
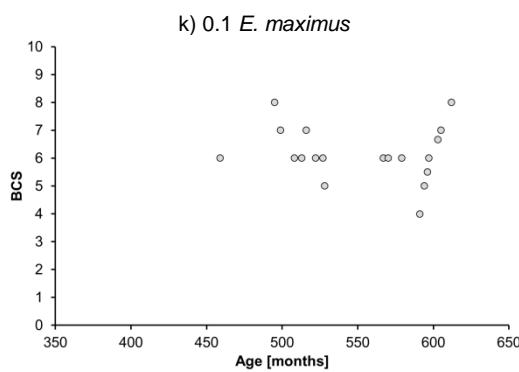
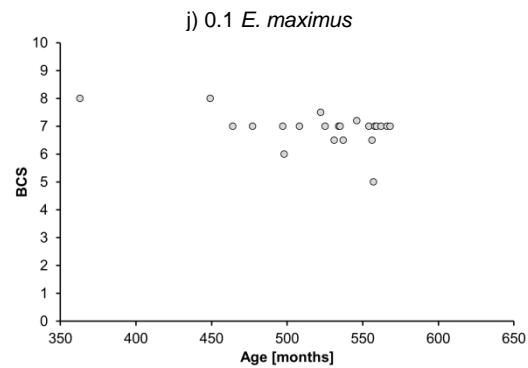
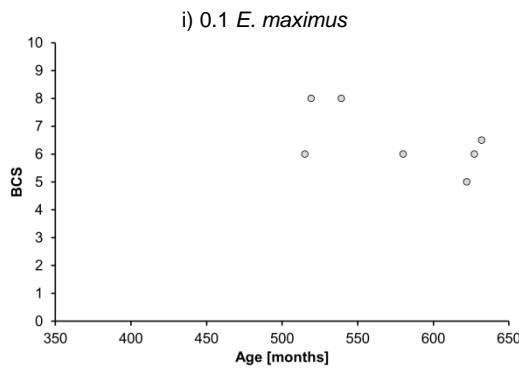


o) 0.1 *E. maximus*

Figure S2 Change over time of body condition scores in breeding female African and Asian zoo elephants (closed circles indicate occurrence of a birth). The abbreviation 0.1 indicates female individuals.

D) Advanced age (> 40 years)





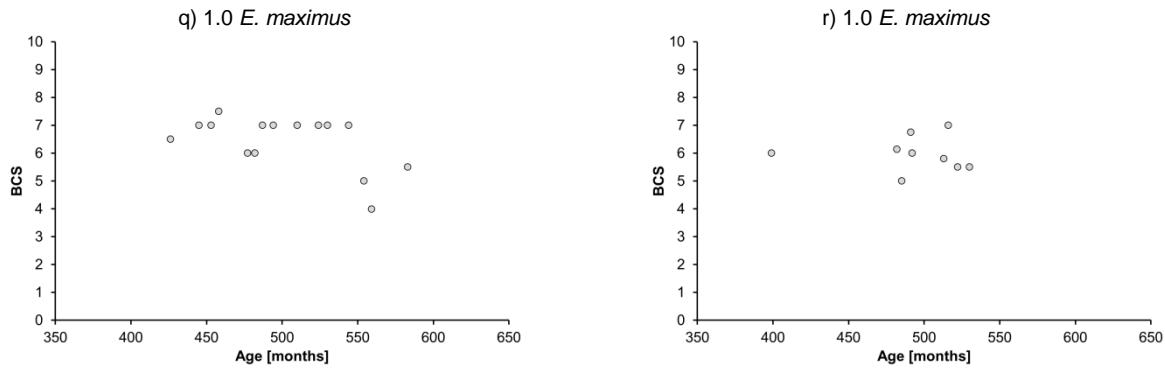


Figure S3 Change over time of body condition scores in aged zoo elephants. The abbreviation 0.1 indicates female individuals.