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The evolution of acoustic size exaggeration in terrestrial mammals

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Publication date
01-10-2016

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Document Version
Published version

Citation for this work (American Psychological Association 7th edition)
Charlton, B. D., & Reby, D. (2016). *The evolution of acoustic size exaggeration in terrestrial mammals* (Version 2). University of Sussex. https://hdl.handle.net/10779/uos.23432174.v2

Published in
Nature Communications

Link to external publisher version
https://doi.org/10.1038/ncomms12739

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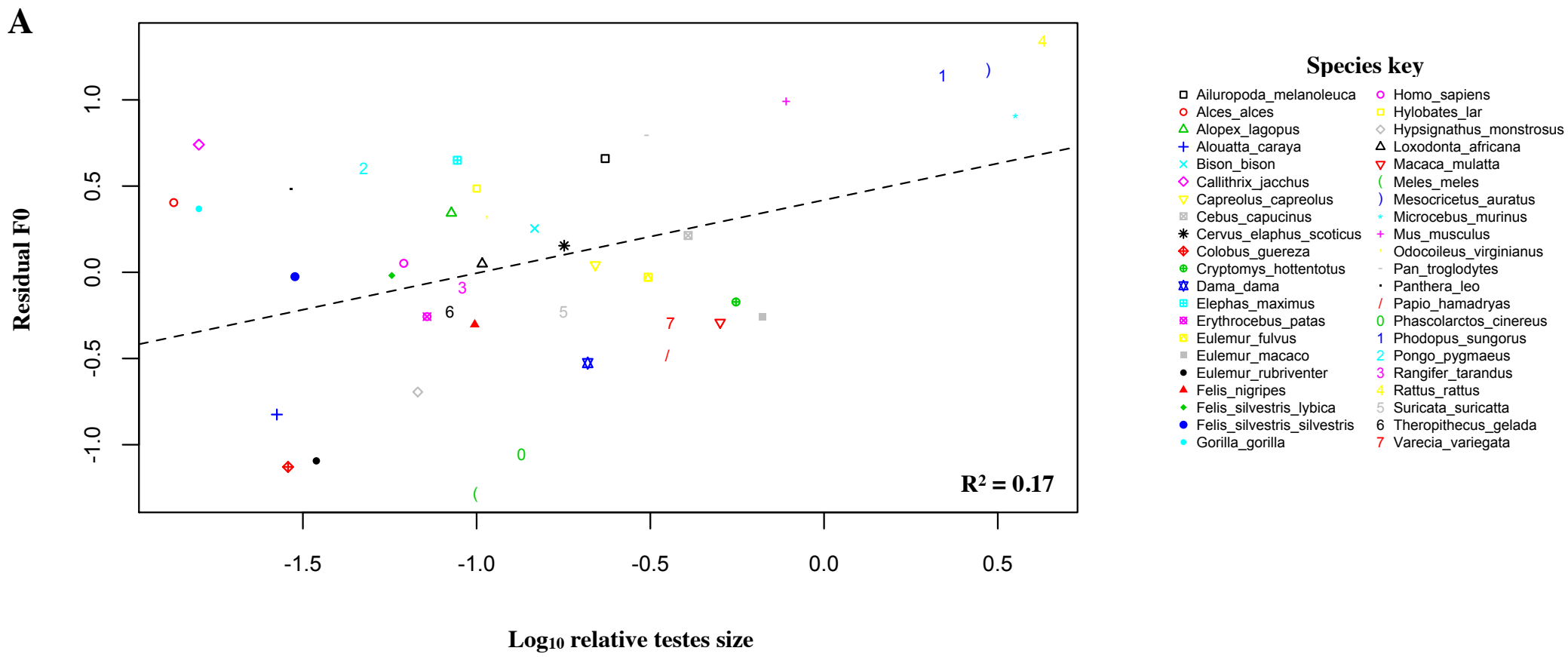
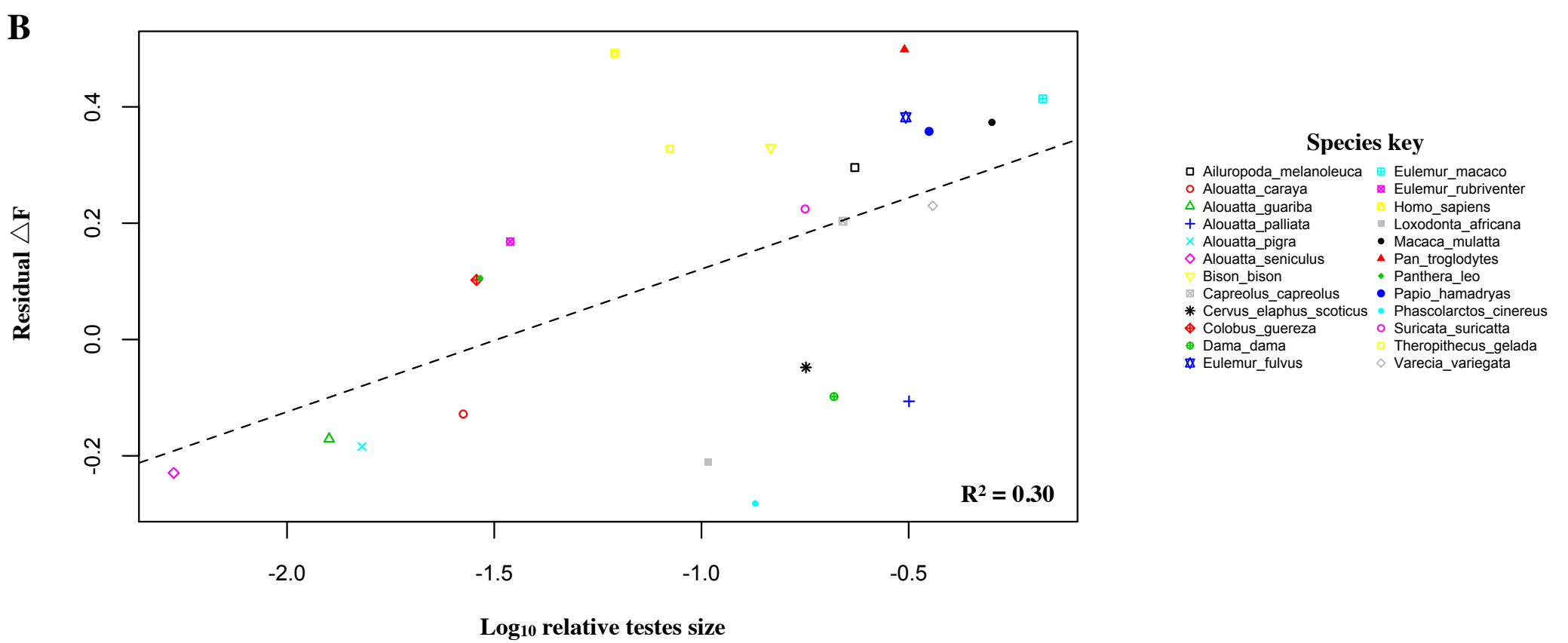

A
Residual F0
1.0
0.5
0.0
-0.5
-1.0
-1.5
-1.0
-0.5
0.0
0.5
Log10 relative testes size
R² = 0.17
Species key
Ailuropoda_melanoleuca
Alces_alces
Alopex_lagopus
Alouatta_caraya
Bison_bison
Callithrix_jacchus
Capreolus_capreolus
Cebus_capucinus
Cervus_elaphus_scoticus
Colobus_guereza
Cryptomys_hottentotus
Dama_dama
Elephas_maximus
Erythrocebus_patas
Eulemur_fulvus
Eulemur_macaco
Eulemur_rubriventer
Felis_nigripes
Felis_silvestris_lybica
Felis_silvestris_silvestris
Gorilla_gorilla
Homo_sapiens
Hylobates_lar
Hypsignathus_monstrosus
Loxodonta_africana
Macaca_mulatta
Meles_meles
Mesocricetus_auratus
Microcebus_murinus
Mus_musculus
Odocoileus_virginianus
Pan_troglodytes
Panthera_leo
Papio_hamadryas
Phascolarctos_cinereus
Phodopus_sungorus
Pongo_pygmaeus
Rangifer_tarandus
Rattus_rattus
Suricata_suricatta
Theropithecus_gelada
Varecia_variegata


B
Residual △F
0.4
0.2
0.0
-0.2
-2.0
-1.5
-1.0
-0.5
Log10 relative testes size
R² = 0.30
Species key
Ailuropoda_melanoleuca
Alouatta_caraya
Alouatta_guariba
Alouatta_palliata
Alouatta_pigra
Alouatta_seniculus
Bison_bison
Capreolus_capreolus
Cervus_elaphus_scoticus
Colobus_guereza
Dama_dama
Eulemur_fulvus
Eulemur_macaco
Eulemur_rubriventer
Homo_sapiens
Loxodonta_africana
Macaca_mulatta
Pan_troglodytes
Panthera_leo
Papio_hamadryas
Phascolarctos_cinereus
Suricata_suricatta
Theropithecus_gelada
Varecia_variegata