	Macrochelys suwanniensis     Cuora mccordi     Mauremys reevesii     Actinemys pallida     Gopherus evgoodei     Actinemys marmorata     Mauremys mutica     Mesoclemmys mutica     Mesoclemmys tuberculata     Dermatemys mawii     Pelusios castaneus     Pelochelys cantorii     Eudyptes chrysocome     Gyps himalayensis     Eudyptes moseleyi     Ciconia maguari     Sagittarius serpentarius     Eudyptes sclateri     Carettochelys insculpta     Eudyptes filholi     Nisaetus nipalensis     Lophotis ruficrista     Pelodiscus sinensis     Aquila africana     Oceanodroma tethys     Henicopernis longicauda     Nisaetus floris     Spizaetus tyrannus     Eudyptula novaehollandiae     Circaetus cinerascens     Ciconia stormi     Macheiramphus alcinus     Leptodon cayanensis     Antigone     Vipio     Haliaeetus ichthyaetus     Ciconia abdimii     Melierax metabates     Spizaetus ornatus     Antigone     Vipio     Haliaeetus ichthyaetus     Ciconia abdimii     Melierax metabates     Spizaetus ornatus     Ara anbiguus     Spiloretus     Circus     Spizaetus ornatus     Ara ara arabiguns     Antigone     Vipio     Haliaeetus ichthyaetus     Ciconia abdimii     Melierax metabates     Spizaetus ornatus     Ara ara arabiguns     Spiloretus     Circus     Spizaetus     Circus     Spizaetus     Circus     Circus     Spizaetus     Circus     Circus     Spizaetus     Circus     Spizaetus     Circus     Spizaetus     Circus     Spizaetus     Circus     Circus     Spizaetus     Spizaetus     Circus	+9,41 +8,50 +8,50 +8,457 +8,457 +4,457 +7,42 +4,60 +7,42 +4,00 +6,00 +6,00 +6,00 +6,00 +1,40 +2,50 +3,10 +3,11 +1,10	Bolborhynchus lineola Cyanoramphus novaezelandiae Stictonetta naevosa Turnix velox Gallinago media Psitteuteles goldiei Nyctiprogne leucopyga Chloroceryle amazona Falco zoniventris Dendrocopos noguchii Psittacara leucophthalmus Phalcoboenus megalopterus Microhierax latifrons Pyrrhura frontalis Merops nubicus Megaceryle maxima Heteronetta atricapilla Mesitornis unicolor Falco cenchroides Microhierax caerulescens Trichoglossus moluccanus Eulacestoma nigropectus Pedionomus torquatus Mareca americana Forpus modestus Pedionomus torquatus Mareca americana Forpus modestus Pedionomus torquatus Caluptomena viridis Actenidesy lindspolica Psittacula columboides Calyptomena viridis Actenidesy lindspolica Falco fasciinucha Tringa solitaria Falco fasciinucha Tringa solitaria Falco fasciinucha Tringa solitaria Falco fasciinucha Tringa solitaria Falco fascionucha Tringa solitaria Falco fascionucha Tringa solitaria Falco fascionucha Tringa solitaria Falco fasciinucha Tringa solitaria	naive prediction interval
	umbretta Aviceda cuculoides Dromas ardeola Aquila gurneyi Amazona kawalli Amazona rhodocorytha Pseudastur occidentalis Arar rubrogenys Accipiter melanochlamys Poicephalus robustus Eurypyga helias Harpyhaliaetus solitarius Nisaetus alboniger Cariama cristata Nyctibius bracteatus Fregetta grallaria Eudyptula albosignata Haliastur indus Phrynosoma blainvillii Lophaetus occipitalis Morphnarchus princeps Aratinga weddellii Urosaurus nigricaudus Sphaerodactylus townsendi Anhinga Aratinga rufa Amazona autumnalis Primolius couloni Megatriorchis doriae Eos histrio Buteogallus coronatus Ciconia episcopus Poicephalus rufiventris Psittacus timneh Apteryx owenii Deroptyus accipitrinus Circaetus spectabilis Primolius acuincillis Rorionada Chroicocephalus maculipennis Ctenosaura bakeri Mimophis mahfalensis Crybolepharus eqeriae Amazona clucocephala Sceloporus tristichus Primolius auricollis Psittacula himalayana Apteryx owenii Deroptyus accipitrinus Circaetus spectabilis Primolius acuircollis Primolius auricollis Rorionada Chroicocephalus maculipennis Ctenosaura Chroicocephalus maracana Chroicosephalus rufiventris Psittacula himalayana charleshogerti Primolius auricollis Rorionada Anazona clolariau Ctenosaura Chareitesces Aratinga jandaya Aratinga Aratinga jandaya Aratinga Aratinga Aratinga Jandaya Aratinga	1.25	rubritorquis Falco berigora Myyiagra hebetior Eurystomus gularis Forpus crassirostris Paradisaea raggiana Myrmophylax atrothorax Pogoniulus pusillus Syrmaticus mikado Gallinago hardwickii Calidris pugnax Pitangus sulphuratus Amazona amazonica Micropsitta keiensis Corvus moneduloides Struthidea cinerea Trichoglossus euteles Semnornis frantzii Chordeiles acutipennis Spinus atriceps Xenus cinereus Lophura swinhoii Brachypteracias leptosomus Hafferia zeledoni Hemiprocne comata Agapornis swindernianus Pomatostomus ruficeps Ceyx melanurus Scolopax bukidnonensis Nettapus auritus Pachycephala philippinensis Tyrannus caudifasciatus Sakesphorus luctuosus Piprites chloris Gallinago solidaria Agapornis fischeri Ceyx margarethae Ramphastos sulfurosus Piprites chloris Gallinago solidaria Agapornis fischeri Ceyx margarethae Ramphastos sulfurosus Piprites chloris Gallinago solidaria Agapornis fischeri Ceyx argentatus Dendrocincla fuliginosa Pitta pusio Neopipo cinnamomea lepcintei pusio Alcedo semitorquata Drymodes bruncopygia Spatula do semitorquata Drymodes bruncopygia Spatula Gliginosa Pitta sordida Alcedo semitorquata Drymodes bruncopygia Spatula Gliginosa Pitta cherica	-0.70
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Popus   1-152   Eposaltris   1-0.75   Epos	nairensis Pyrrhura chapmani Psittacara mitratus Pyrrhura devillei Coracopsis vasa Columba guinea Lophochroa leadbeateri Pyrrhura perlata Accipiter francesiae Accipiter madagascariensis Pseudoxenodon macrops Pseudoxenodon macrops Pseudoxenodon macrops Pseudorettes ferrugineus Aparallactus werneri Darevskia mixta Psilopsiagon aurifrons Gekko gecko Aleadryas rufinucha Poicephalus rueppellii Apaloderma vittatum Pezoporus wallicus Accipiter virgatus Bucco capensis Pezoporus vallicus Accipiter virgatus Bucco capensis Pezoporus cocidentalis Tyrannus cubensis Pezoporus cocidentalis Tyranus cubensis Brotogeris chrysoptera Pyrrhura viridicata Tropidonophis doriae Erythrolamprus reginae Halcyon smyrnensis Brotogeris chrysoptera Pyrrhura viridicata Tropidonophis doriae Erythrolamprus reginae Halcyon smyrnensis Brotogeris cirica Steatornis caripensis Willisornis Alopecoenas beccarii Forpus conspicillatus Halcyon leucocephala fororus Macarorhynchos Tauraco erythrolophus Anas capensis Willisornis Corvus macrorhynchos Tauracue Geranoaetus melanoleucus Forpus conspicillatus Halcyon leucotephala fororus Alopecoenas beccarii Forpus conspicillatus Azemiops conspicillatus Azemiops conspicillatus Azemiops corolestis Coroles	-0.86 -1.109 -0.06 -1.159 -0.06 -1.159 -0.06 -1.169 -0.06 -1.169 -0.06 -	caudacuta Manacus candei Nothoprocta pentlandii Trochalopteron elliotii Lamprotornis superbus Agapornis nigrigenis Sphenopsis melanotis Ammospiza nelsoni Acanthis cabaret Rhinopomastus cyanomelas Emberiza elegans Petroica traversi Tichodroma muraria Leiothrix lutea Spinus spinescens Loxia pytyopsittacus Cossypha dichroa Myioborus melanocephalus Locustella ochotensis Pardalotus punctatus Spinus lawrencei Sterrhoptilus dennistouni Pogonocichla stellata Cichladusa arquata Neopelma chrysocephalum Pyrgilauda ruficollis Locustella ochotensis Pardalotus punctatus Spinus lawrencei Sterrhoptilus dennistouni Pogonocicha stellata Cichladusa arquata Neopelma chrysocephalum Pyrgilauda ruficollis Carduelis Corsicana Myiothlypis coronata Anomalospiza imberbis Trichoglossus haematodus Lepidothrix coronata Anomalospiza imberbis Trichoglossus haematodus Lepidothrix coronata Vidua macroura Melegans Muscicapa comitata Cyanoderma ruficeps Myiozetes cayanensis Corapipo alteria Porlandria Conopina Alurus elegans Muscicapa comitata Cyanoderma coriceps Myiozetes cayanensis Corapipo alteria Conopina Alurus elegans Muscicapa comitata Cyanoderma fuficeps Myiozetes cayanensis Corapipo alteria Conopina Alurus elegans Muscicapa comitata Cyanoderma coriceps Myiozetes cayanensis Coropipo alteria Conopina Alurus elegans Muscicapa corictaus Conopina Anomalospiza imberbis Trichoglossus haematodus Lepidothrix coronata Anomalospiza imberbis Coropipo alteria Conopina Anomalospiza imberbis Coropipo alteria Colopia Conopina Anomalospiza imberbis Coropina Anomalospiza imberbis	