

Legend for column names of the main dataset (Supplementary table 1)

BrVol_mmcube	Brain volume in cube millimeters
BrSA_mmsquared_withBloodv_Trig	Brain surface area in square millimeters with trigeminal nerve and blood vessels
BrSA_mmsquared	Brain surface area in square millimeters after removal of trigeminal nerve and blood vessels
Occ_Hinge_mm	Occipital hinge length in millimeters
OptLSA_R_mmsquared	Right optic lobe surface area in square millimeters after removal of trigeminal nerve and blood vessels
OptLSA_L_mmsquared	Left optic lobe surface area in square millimeters after removal of trigeminal nerve and blood vessels
Wulst_mmsquared	Wulst surface area in square millimeters
OptFD_R_mm	Average right optic foramen diameter in millimeters when measured with an ellipse
OptFD_L_mm	Average left optic foramen diameter in millimeters when measured with an ellipse
OrbitD_R_mm	Average right orbit diameter in millimeters when measured with an ellipse
OrbitD_L_mm	Average left orbit diameter in millimeters when measured with an ellipse
2D_OrbP_Degrees	Measured from image of 3D skull
2D_OrbS_Degrees	Measured from image of 3D skull
OrbP_Degrees	Orbit posterior through anterior to mid-sagittal plane angle measurement
OrbS_Degrees	Orbit superior to mid-sagittal plane angle measurement
OrbPS_R_Degrees	Right orbit posterior point to mid-sagittal plane to orbit superior point angle measurement
OrbPS_L_Degrees	Left orbit posterior point to mid-sagittal plane to orbit superior point angle measurement
OrbPtoB_Degrees	Orbit posterior points meeting at mid-beak hinge angle
OrbStoB_Degrees	Orbit superior points meeting at mid-beak hinge angle
Orbit_P_Width_mm	Length between two posterior orbit points in millimeters
Orbit_S_Width_mm	Length between two superior orbit points in millimeter
Top_Brow_mm	Length between points of supraorbital ridge in millimeters

The measurements "2D_OrbS_Degrees" and "2D_OrbP_Degrees" were taken for comparison with "OrbP_Degrees" and "OrbS_Degrees"

The measurements of "OrbS_Degrees", "OrbPS_R_Degrees", "OrbPS_L_Degrees", "OrbPtoB_Degrees" and "OrbStoB_Degrees" were taken for comparison with the "OrbP_Degrees" angle but not used in the analyses