3dBAR reconstruction examples

Under construction – more examples soon.

Examples of reconstructions based on Paxinos and Watson *The Rat Brain in Stereotaxic Coordinates* created with 3D Brain Atlas Reconstructor. Meshes are presented without any additional processing such as smoothing or complexity reduction in order to fully represent source data.

Reconstruction of whole brain	Segmented reconstruction cortex (both archi and neocortex): M1,M2 primary and secondary motor cortex RSD - retrosplenial dysgranular cortex V1 - primary visual cortex OlfCx - olfactory cortex S2 - secondary somatosensory cortex S1ULp - primary somatosensory cortex, upper lip region.

Thalamus	Segmented reconstruction of thalamus LD - laterodorsal thalamic nucleus, PO - posterior thalamic nuclear group, LP - lateral posterior thalamic nucleus, DLG - dorsal lateral geniculate nucleus, MG - medial geniculate nucleus, Rt - reticular thalamic nucleus, PVA - paraventricular thalamic nucleus.

Pyramidal tract	Segmented reconstruction of pyramidal tract: ic - internal capsule, lfp - longitudinal fasciculus of the pons, cp - celebral penducles, py - pyramids