



**Supplementary Figure 5.** ROC analyses of the significant parameters from MANOVA in UD and BD. A and B: The ROC of Ka and Kr in the left caudate nucleus head for UD. C: The ROC of Ka in the left putamen for UD. D: The ROC of Kr in the left caudate nucleus head for BD. E and F: The ROC of CBF in the left caudate nucleus head and putamen for UD. ROC: receiver operating characteristic curves, MANOVA: multivariate analysis of variance, BD: bipolar disorder, UD: unipolar depression, HC: healthy controls, AUC: area under the curve, Ka: axial kurtosis, Kr: radial kurtosis, CBF: cerebral blood flow.