

Patch CNN Work

Output Files of the patch dataset created			
	Description	Input Files	Output Files
	Disc and cup label Exors	Drive : ODsamples OCsamples : OD and OC segmentation maps	output_exors - a folder Folder containing EXOR of OD and OC from dataset -
	Identifying White pixels (Expected ambiguitites) Creating XL file, patches and saving patches.	output_exors - a Folder containing EXOR of OD and OC from dataset, Whole images (11 samples)	Output_60k.xlsx patches_60k_ --- Folder with approx. 60k patches (X-train for Reviser CNN)
	Patches from OD Creating label patches from already generated XL file and saving patches	Output/ output_60k .xlsx OD_samples	ODpatches60K (Y-train for Reviser CNN)
Learner Reviser CNN			
Learner CNN 1		Whole slide Images available in Drishti GS dataset- Images- https://drive.google.com/drive/folders/1ngJztYSqigaWQWboPbithhtA9VI4TfvT?usp=sharing Labels- https://drive.google.com/drive/folders/1V097nUHNl5o-8zc-2ICuN26tnk1DuOWj?usp=sharing	Prediction_1.zip - A zip file with predictions of learner CNN 1 Predictions_Learner1 – An excel file with filenames of test and prediction labels
Learner CNN 2			Prediction_2.zip - A zip file with predictions of learner CNN 2 Predictions_Learner2 – An excel file with filenames of test and prediction labels

Ex-OR on Images1.ipynb	XOR on prediction from Cnn1,2 to identify ambiguities in prediction	Prediction_1.zip , Prediction_2.zip	Learner_ambiguities.zip – Zip file with EX-Or of CNN 1, 2's predictions
Learners_amb_w_hite_Pixels.jpynb	Learner_ambiguities.zip		White pixels - XL sheet with co-ordinates of Ex_Ored CNN 1,2's predictions [Upload this to drive??]
Test_Patch_gen.ipynb		White pixels - XL "images" folder with the original images	25_patches (Folder)- Patches generated from the original images @ the co-ordinates from the White pixels - XL # X test for reviser CNN
Excel_row_column_coordinates.ipynb	From the patches in 25_patches folder, the file names, centre co-ordinates are extracted	25_patches (Folder)-	ambiguties_test.csv - the file names, centre co-ordinates are extracted These are supposed to be the patches to be given for testing in reviser CNN
Reviser CNN3.jpynb		patches_60k_ --- Folder with approx. 60k patches (X-train for Reviser CNN) ODpatches60K (Y-train for Reviser CNN) 25_patches (Folder)- Patches generated from the original images @ the co-ordinates from the White pixels - XL #(X test for reviser CNN)	reviser_patch_predictions. Zip – A zipfile with the patch predictions from reviser CNN for

Excel_row_column_coordinates_2		reviser_patch_predictions. Zip	ambiguties_tested. XL - The file name, R, C co-ordinates, center pixel value of “reviser predictions”
Changing_center_pixel_values.pynb		<ol style="list-style-type: none"> 1. ODsamples (Ytest) and 2. 2. Learner1 predictions (CNN1's o/p) 3. ambiguties_tested. XL - The file name, R, C co-ordinates, center pixel value of “reviser predictions” 	CORRECTED_images -- center pixel repl with the corrected values by reviser CNN
Testing_Learner_Reviser_2.ipynb	Learner – Reviser CNN Vs Learner CNN comparison		

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