## **Tutorial on Intensity Segmenter**

Pengdong Xiao Beatriz Paniagua The University of North Carolina at Chapel Hill August 10, 2012 (1) Double click "IS\_vs.exe", the following dialog will appear.

Intensity Segmenter		8 ×
Input Image File (.gipl) :	1	
Output Image File (.gipl) :	Browse	
Range File (.txt) :	Browse	
	Run	
	0%	

## (2) Under "Input Image File (.gipl)", click "Browse" button to select input gipl file. Click "Open" button.

Computer + Local Disk (C:) + User	s 🕨 xiad	op ▶ Data_xiaop ▶ data ▶ IntensitySegm	enter 👻 😽	Search Intensity	/Segmenter	. ,
Organize 🔻 New folder					• •	0
🔆 Favorites	<u>^</u>	Name	Date modified	Туре	Siz	e
🧮 Desktop		🔟 1.gipl	7/18/2012 4:23 PM	GIPL File		83,532 K
📕 Downloads		🖻 2.gipl	7/25/2012 10:12 AM	GIPL File		83,532 K
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E Pictures		🔟 out_V1_Hardin-lowresC.gipl	7/18/2012 2:37 PM	GIPL File		83,532 K
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		🖻 output.gipl	7/18/2012 2:27 PM	GIPL File		83,532 K
🜉 Computer		output_1.gipl	7/18/2012 2:48 PM	GIPL File		83,532 K
🚢 Local Disk (C:)		🗟 V1_Hardin-lowresC.gipl	6/20/2012 10:20 AM	GIPL File		83,532 K
👝 My Passport (G:)		🖻 V1_Walters.gipl	6/18/2012 12:21 PM	GIPL File	2	50,839 K
ELEMENTS (H:)		🖬 V1_Walters-lowresC.gipl	7/17/2012 3:44 PM	GIPL File		83,532 K
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File name: V1_Walters-lowresC.gi	pl		-	Gipl Image Files	(*.gipl)	-

Intensity Segmenter	8 ×
Input Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/V1_Walters-lowresC.gipl
Output Image File (.gipl) :	Browse
Range File (.txt) :	Browse
	Run
	0%

(3) Under "Output Image File (.gipl)", click "Browse" button to give an output gipl file name. Click "Save" button.

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Intensity Segmenter		8 ×
Input Image Fil <mark>e</mark> (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/V1_Walters-lowresC.gipl	
	Browse	
Output Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/8.gipl	
	Browse	
Range File (.txt) :		
	Browse	
	0%	

(4) Under "Range File (.txt)", click "Browse" button to select a range text file, such as "intensity\_range.txt". Click "Open" button.

Select range file		-		×
Computer + Local Disk (C:) + Users + x	iaop → Data_xiaop → data → IntensitySegmenter	<b>▼</b> 49	Search IntensitySegmer	nter 🔎
Organize 🔻 New folder				
🔆 Favorites	Name	Date modified	Туре	Size
🧱 Desktop	intensity_range.txt	8/8/2012 9:19 AM	Text Document	1 KB
Downloads				
🖳 Recent Places				
🥽 Libraries				
Documents				
J Music	E			
Pictures				
Videos				
🕎 Computer				
🟭 Local Disk (C:)				
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Intensity Segmenter	8 ×
Input Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/V1_Walters-lowresC.gipl
	Browse
Output Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/8.gipl
	Browse
Range File (.txt) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/intensity_range.txt
	Run
	0%

Please note, the "intensity\_range.txt" file is in the following format.

For each line, there are three items representing left range value, right range value, and label.

The range must cover whole range from -infinity to +infinity.

The first range left value must be "-infty", and the last range right value must be "+infty".

intensity_range.tx	- Notepad	
<u>File Edit Format</u>	<u>V</u> iew <u>H</u> elp	
		-

## (5) Click "Run" button.

Intensity Segmenter (Not	Responding)	8 ×
Input Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/V1_Walters-lowresC.gipl	
	Browse	
Output Image File (.gipl) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/8.gipl	
Range File (.txt) :	C:/Users/xiaop/Data_xiaop/data/IntensitySegmenter/intensity_range.txt	
	Run	
	7%	

(6) In the end, the following dialog will appear. Click "OK" button.

