


# For non-CT images, Adjust the parameters!

- **Default parameters are set for CT. IBEX CT number=Hounsfield Unit+1000.**
- **For non-CT modality images, users must adjust the parameters to get the meaningful result. See Page2 for example.**
- **After adjusting parameters, test to see if parameters are reasonable. See page3 for example.**
- **For changing the parameter permanently, modify the file \*.INI.**
  - For features, INI file is at  
\\(RootPath\IBEX\_mcr\Work\MyProgram\Matlab\ImageFeatureOutcomeAnalysis\FeatureAlgorithm\Category\((Feature)\(Feature).INI
  - For preprocess, INI file is at  
\\(RootPath\IBEX\_mcr\Work\MyProgram\Matlab\ImageFeatureOutcomeAnalysis\FeatureAlgorithm\Preprocess\((Preprocess).INI










## Example how to adjust the parameters

**Step 2: Features**

Category:

Name	Para.	
IntensityHistogram		Test

Features:

	Name	Para.	
<input checked="" type="checkbox"/>	InterQuartileRange		Test
<input checked="" type="checkbox"/>	Kurtosis		Test
<input checked="" type="checkbox"/>	MeanAbsoluteDeviation		Test
<input checked="" type="checkbox"/>	MedianAbsoluteDeviation		Test
<input checked="" type="checkbox"/>	Percentile		Test
<input checked="" type="checkbox"/>	PercentileArea		Test
<input checked="" type="checkbox"/>	Quantile		Test
<input checked="" type="checkbox"/>	Range		Test
<input checked="" type="checkbox"/>	Skewness		Test

CT

**Parameters**

Para. for Category  
IntensityHistogram

Para.	Value
NBins	256
RangeMin	0
RangeMax	4096
RangeFix	1
OnlyUseMaxSlice	0

OK Cancel

PET

**Parameters**

Para. for Category  
IntensityHistogram

Para.	Value
NBins	100
RangeMin	0
RangeMax	100
RangeFix	1
OnlyUseMaxSlice	0

OK Cancel

## Step 2: Features

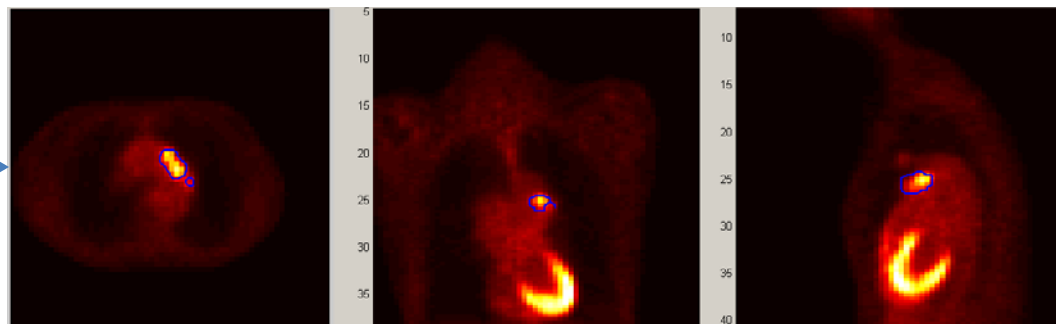
Category:

Name	Para.	
IntensityHistogram	<i>i</i>	Test

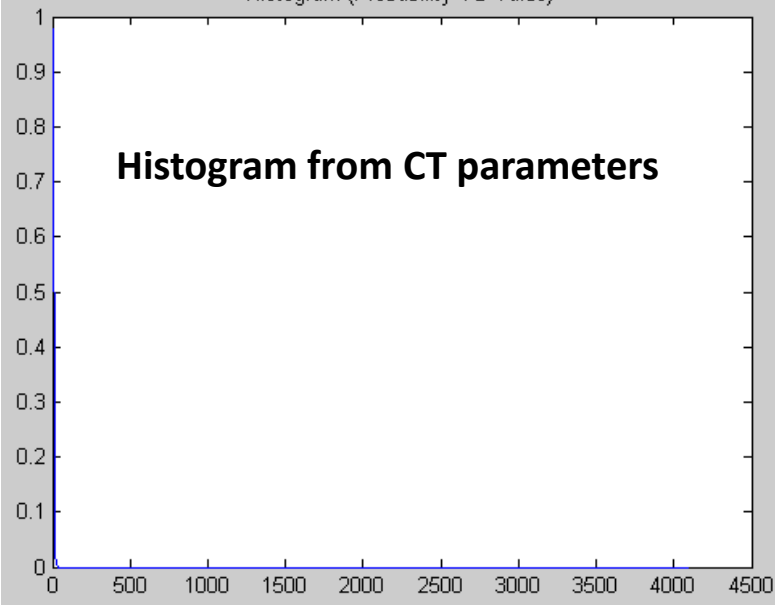
Features:

	Name	Para.	
<input checked="" type="checkbox"/>	InterQuartileRange	<i>i</i>	Test
<input checked="" type="checkbox"/>	Kurtosis	<i>i</i>	Test
<input checked="" type="checkbox"/>	MeanAbsoluteDeviation	<i>i</i>	Test
<input checked="" type="checkbox"/>	MedianAbsoluteDeviation	<i>i</i>	Test
<input checked="" type="checkbox"/>	Percentile	<i>i</i>	Test
<input checked="" type="checkbox"/>	PercentileArea	<i>i</i>	Test
<input checked="" type="checkbox"/>	Quantile	<i>i</i>	Test
<input checked="" type="checkbox"/>	Range	<i>i</i>	Test
<input checked="" type="checkbox"/>	Skewness	<i>i</i>	Test

Example how to test the parameters



Histogram (Probability VS Value)



Histogram (Probability VS Value)

