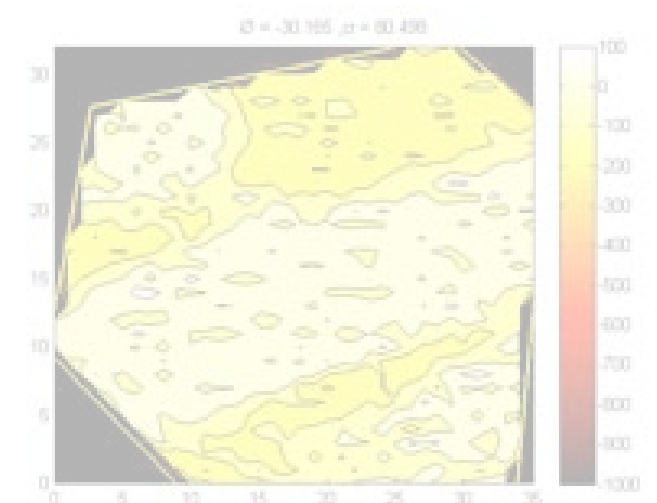
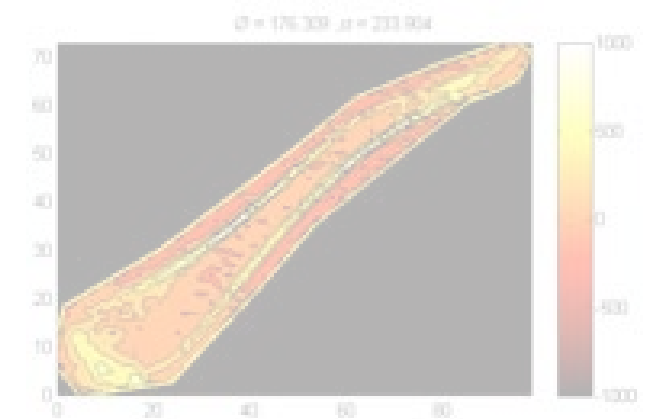
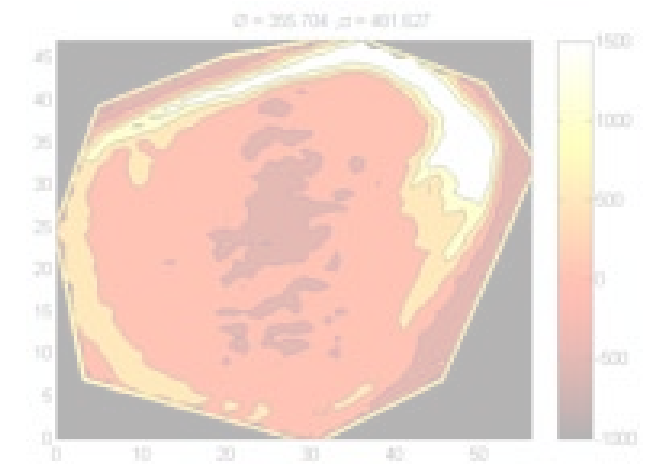
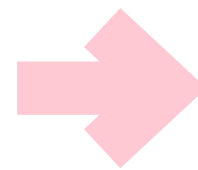
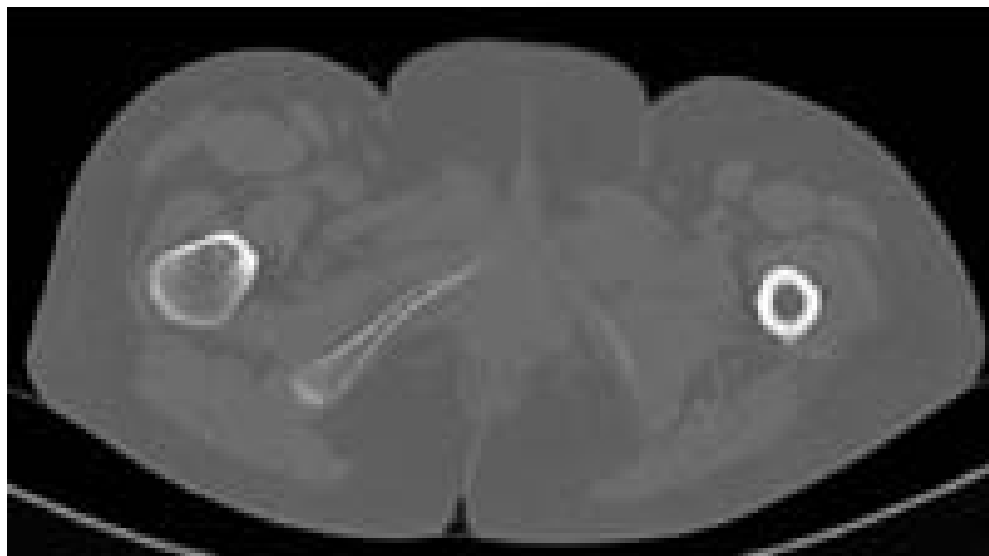




— ROI Profile —

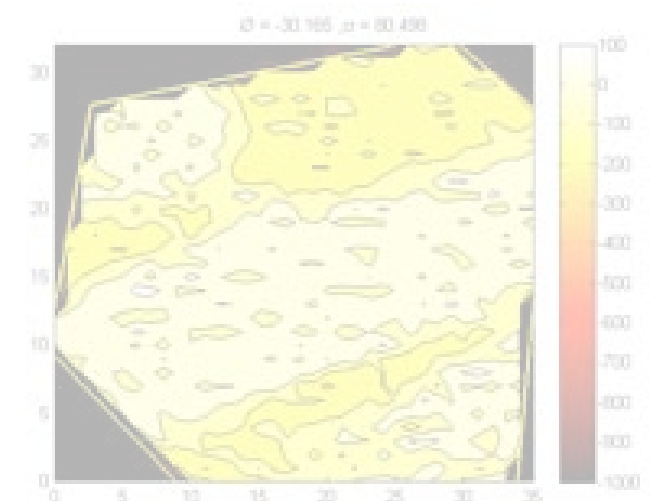
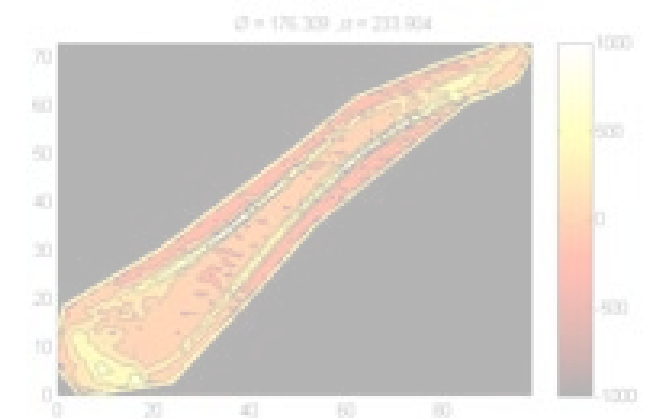
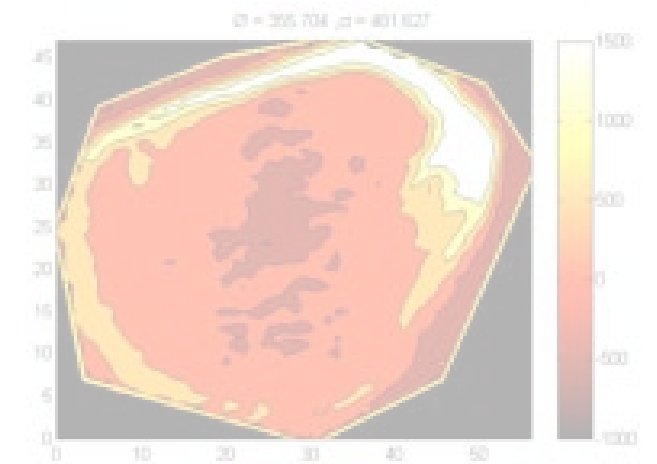
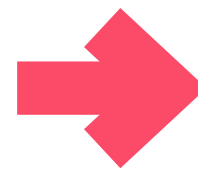
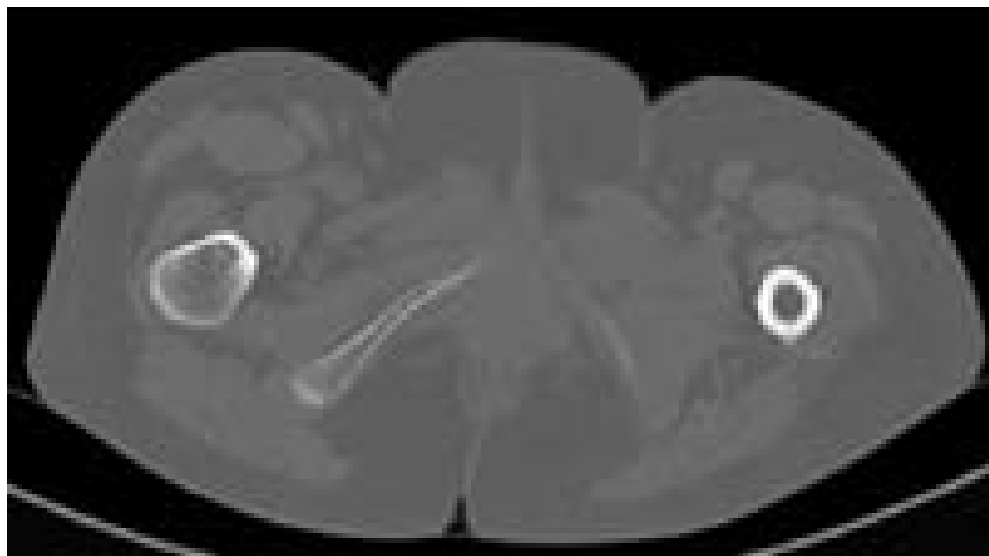
MOTIVAÇÃO

ROI ANALYSIS



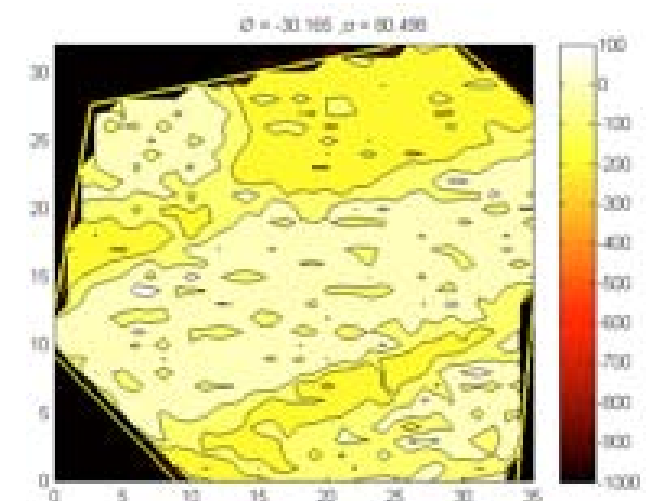
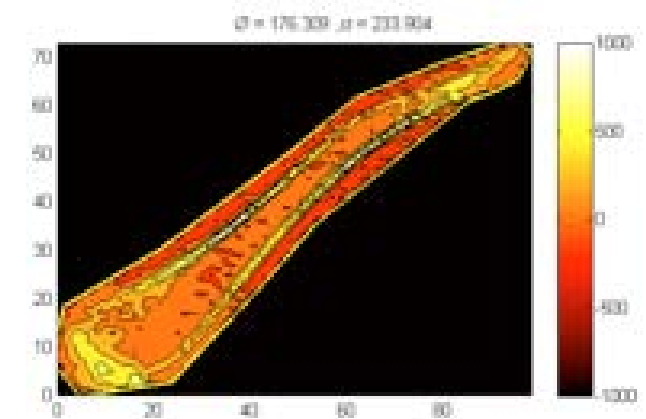
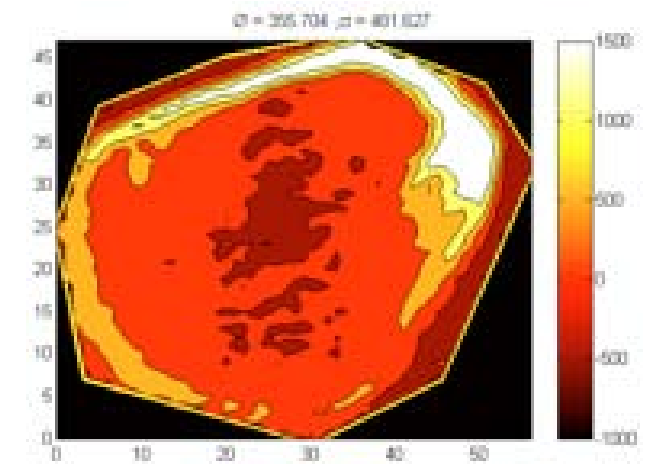
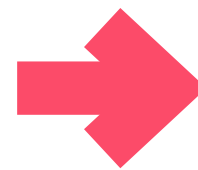
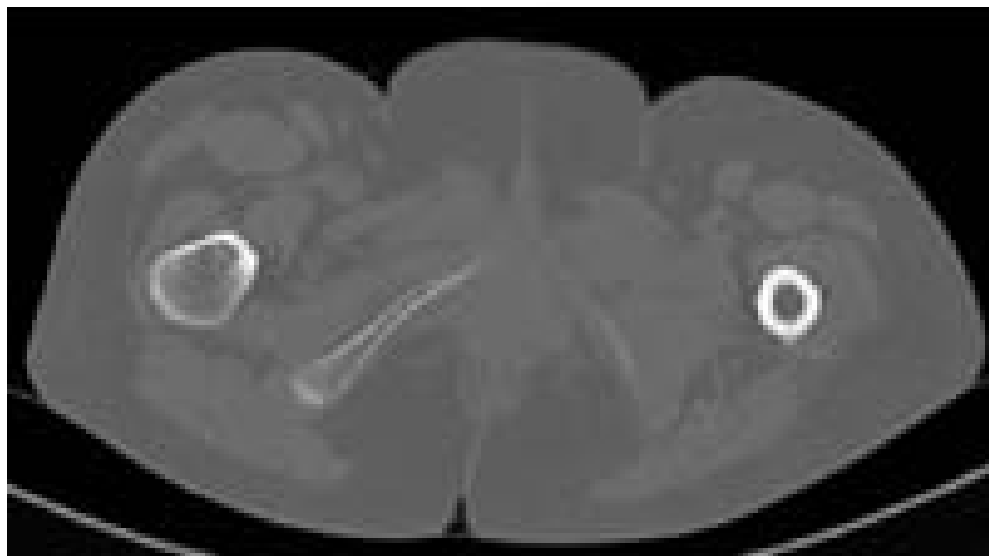
MOTIVAÇÃO

ROI ANALYSIS



MOTIVAÇÃO

ROI ANALYSIS



CONCEITO



CT SCAN

DICOM 16-BIT

CONCEITO

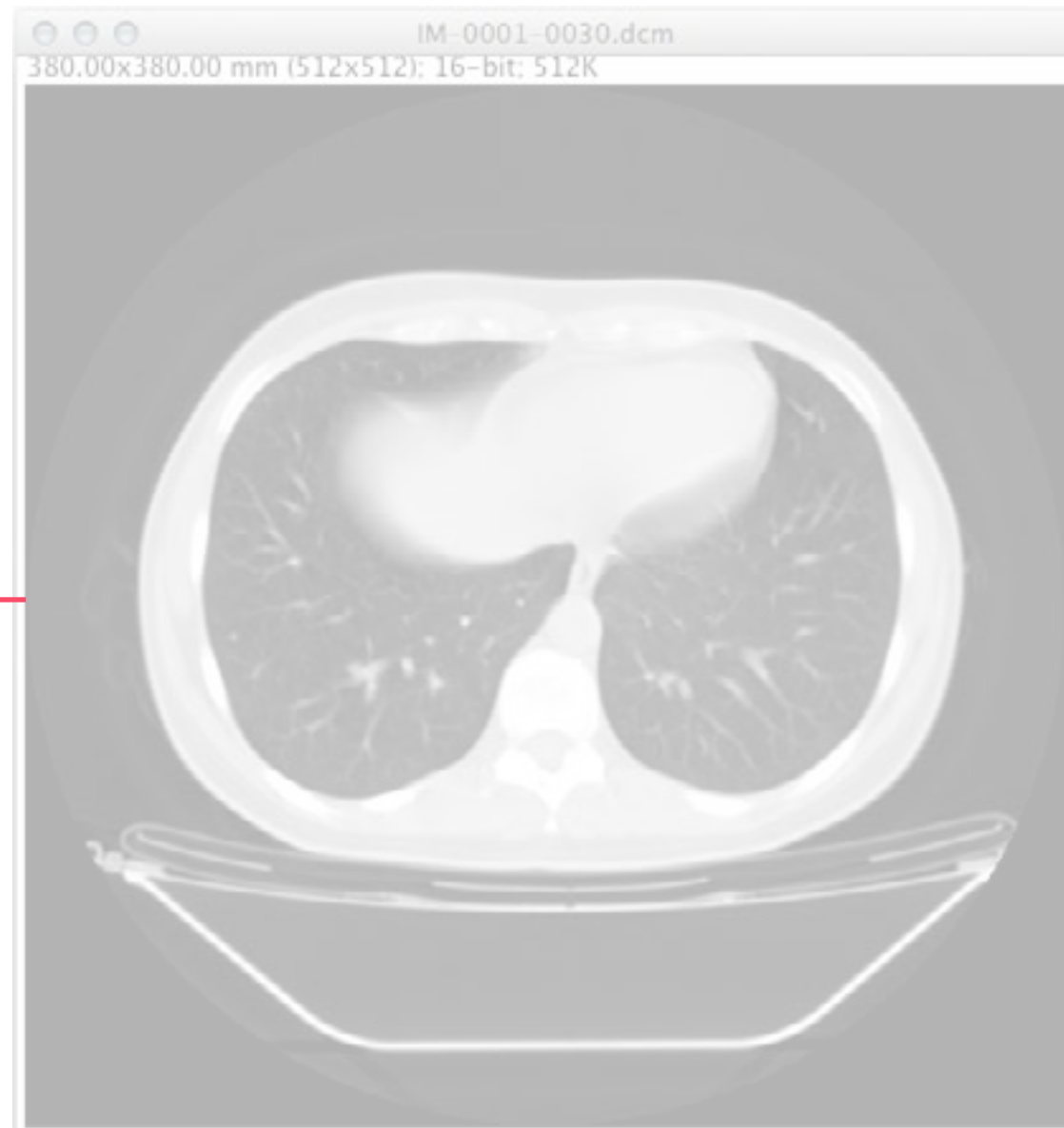


CT SCAN

DICOM 16-BIT

CONCEITO

PERFIL ROI



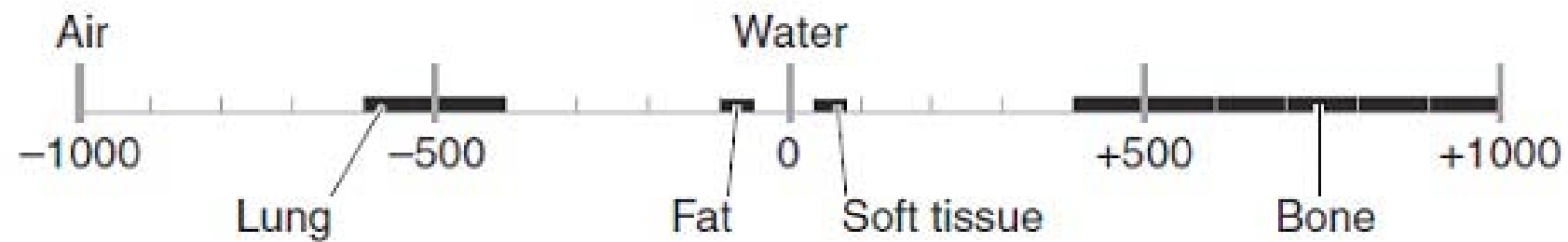
ROI + LUT

CT SCAN

DICOM 16-BIT

DESENVOLVIMENTO

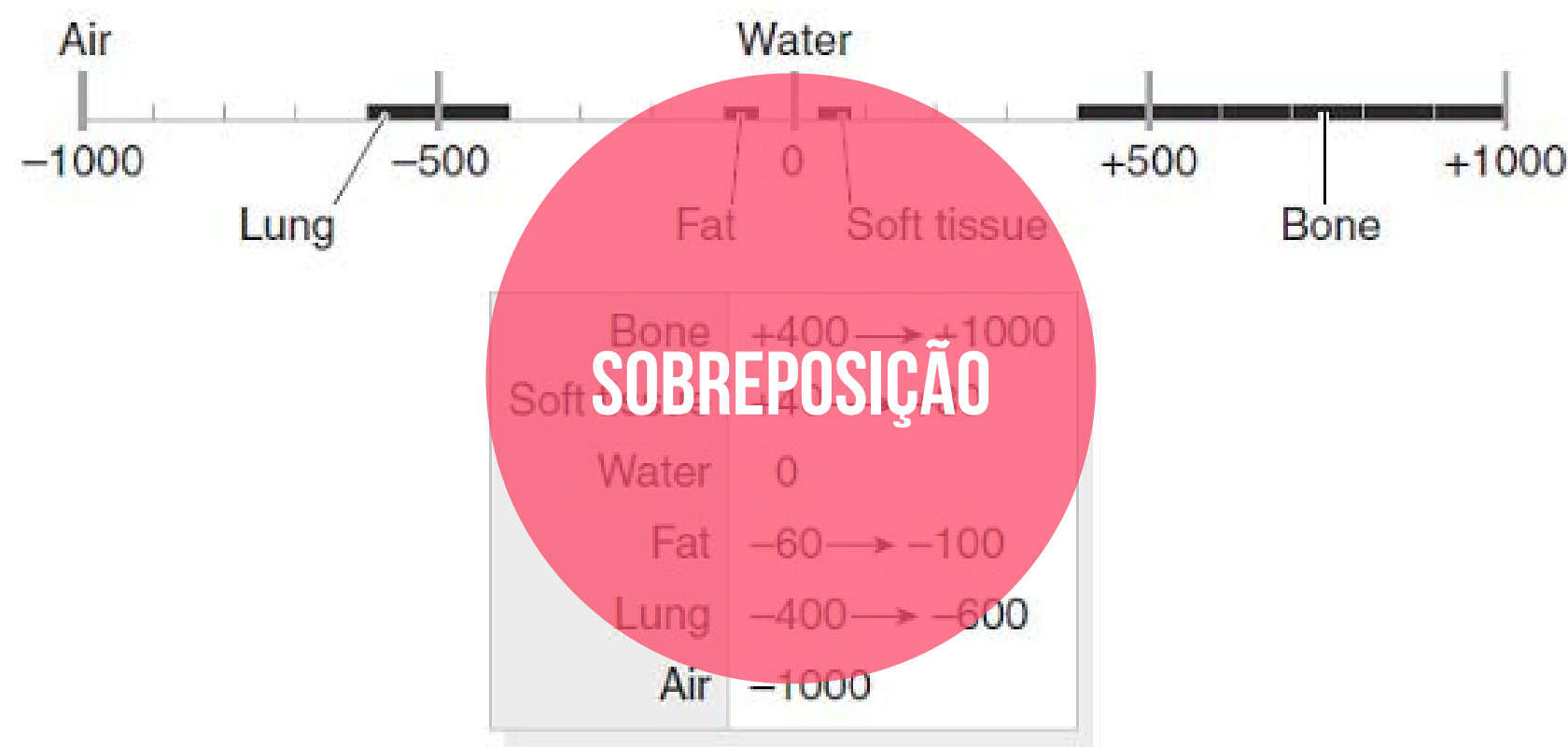
ESCALA DE HOUNSFIELD



Bone	+400 → +1000
Soft tissue	+40 → +80
Water	0
Fat	-60 → -100
Lung	-400 → -600
Air	-1000

DESENVOLVIMENTO

ESCALA DE HOUNSFIELD



DESENVOLVIMENTO

MÚSCULO	SANGUE
CSF	MÚSCULO
MATÉRIA BRANCA	TECIDO HEPÁTICO
MATÉRIA CINZENTA	MATÉRIA CINZENTA

TECIDOS MOLES
SANGUE
COÁGULOS
TECIDO HEPÁTICO

DESENVOLVIMENTO

MÚSCULO	SANGUE
CSF	MÚSCULO
MATÉRIA BRANCA	TECIDO HEPÁTICO
MATÉRIA CINZENTA	MATÉRIA CINZENTA

TECIDOS MOLES
SANGUE
COÁGULOS
TECIDO HEPÁTICO

DESENVOLVIMENTO

MÚSCULO	SANGUE
CSF	MÚSCULO
MATÉRIA BRANCA	TECIDO HEPÁTICO
MATÉRIA CINZENTA	MATÉRIA CINZENTA

TECIDOS MOLES
SANGUE
COÁGULOS
TECIDO HEPÁTICO

DESENVOLVIMENTO

CT ABDOMINAL

The diagram consists of four overlapping circles arranged horizontally. The first circle is red and labeled 'CT ABDOMINAL'. The second circle is a lighter shade of red and labeled 'CT CARDÍACO'. The third circle is blue and labeled 'CT TORÁCICO'. The fourth circle is a lighter shade of blue and labeled 'CT CRANIANO'. The circles overlap in a sequence from left to right, suggesting a progression or development.

CT CARDÍACO

CT TORÁCICO

CT CRANIANO

IMPLEMENTAÇÃO

PLUGIN FILTER

SETUP

1. `imp.getCalibration();`
2. `imp.getStatistics();`
3. `return DOES_16+NO_CHANGES;`

RUN

1. `GenericDialog;`
2. `DisplayHounsfield_<MOD>(ip);`
3. `IJ.run(Duplicate...);`
4. `IJ.run(LUT);`
5. `IJ.log (...);`

IMPLEMENTAÇÃO

PLUGIN FILTER

SETUP

1. `imp.getCalibration();`
2. `imp.getStatistics();`
3. `return DOES_16+NO_CHANGES;`

RUN

1. `GenericDialog;`
2. `DisplayHounsfield_<MOD>(ip);`
3. `IJ.run(Duplicate...);`
4. `IJ.run(LUT);`
5. `IJ.log (...);`

IMPLEMENTAÇÃO

PLUGIN FILTER

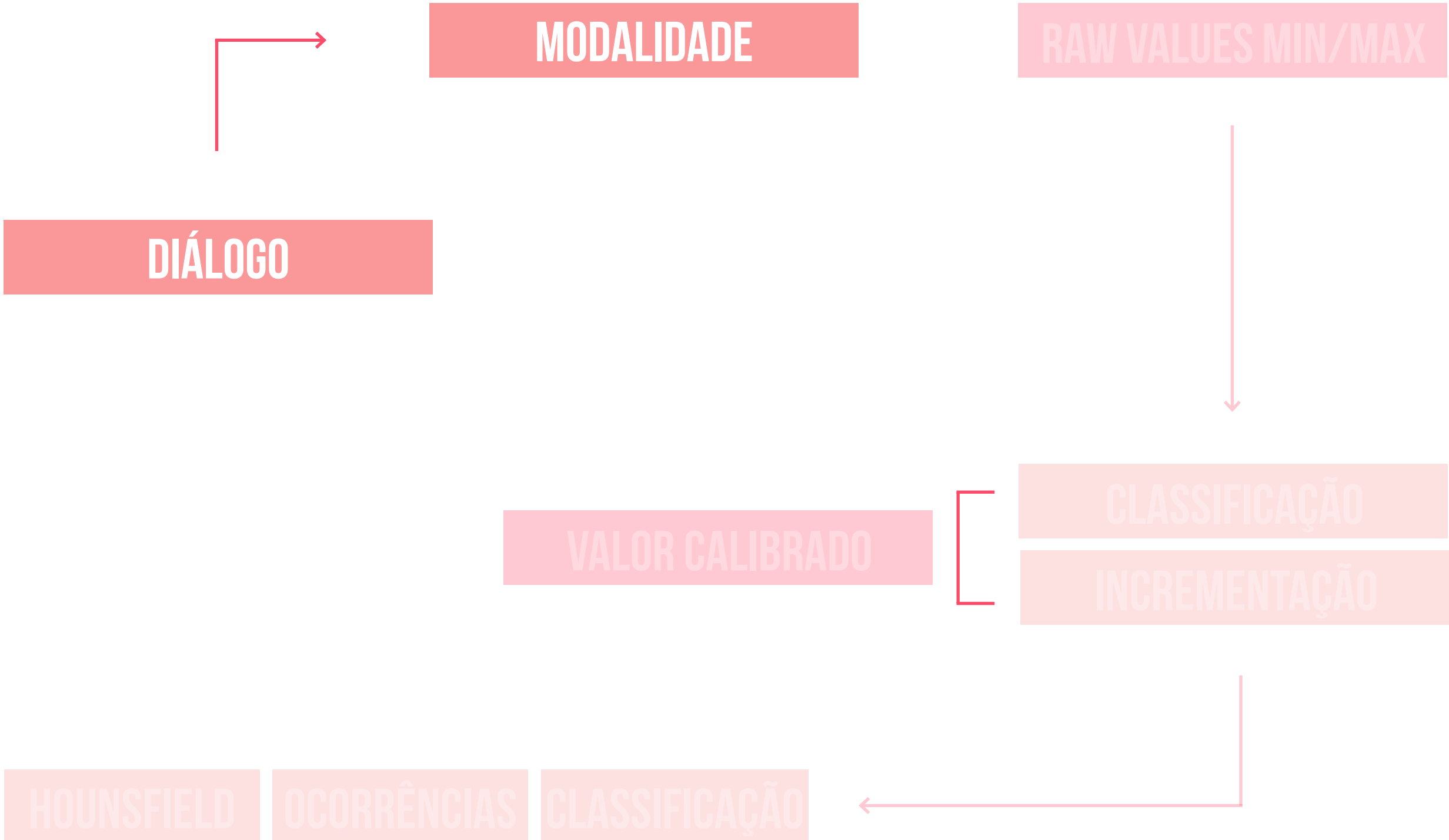
SETUP

1. `imp.getCalibration();`
2. `imp.getStatistics();`
3. `return DOES_16+NO_CHANGES;`

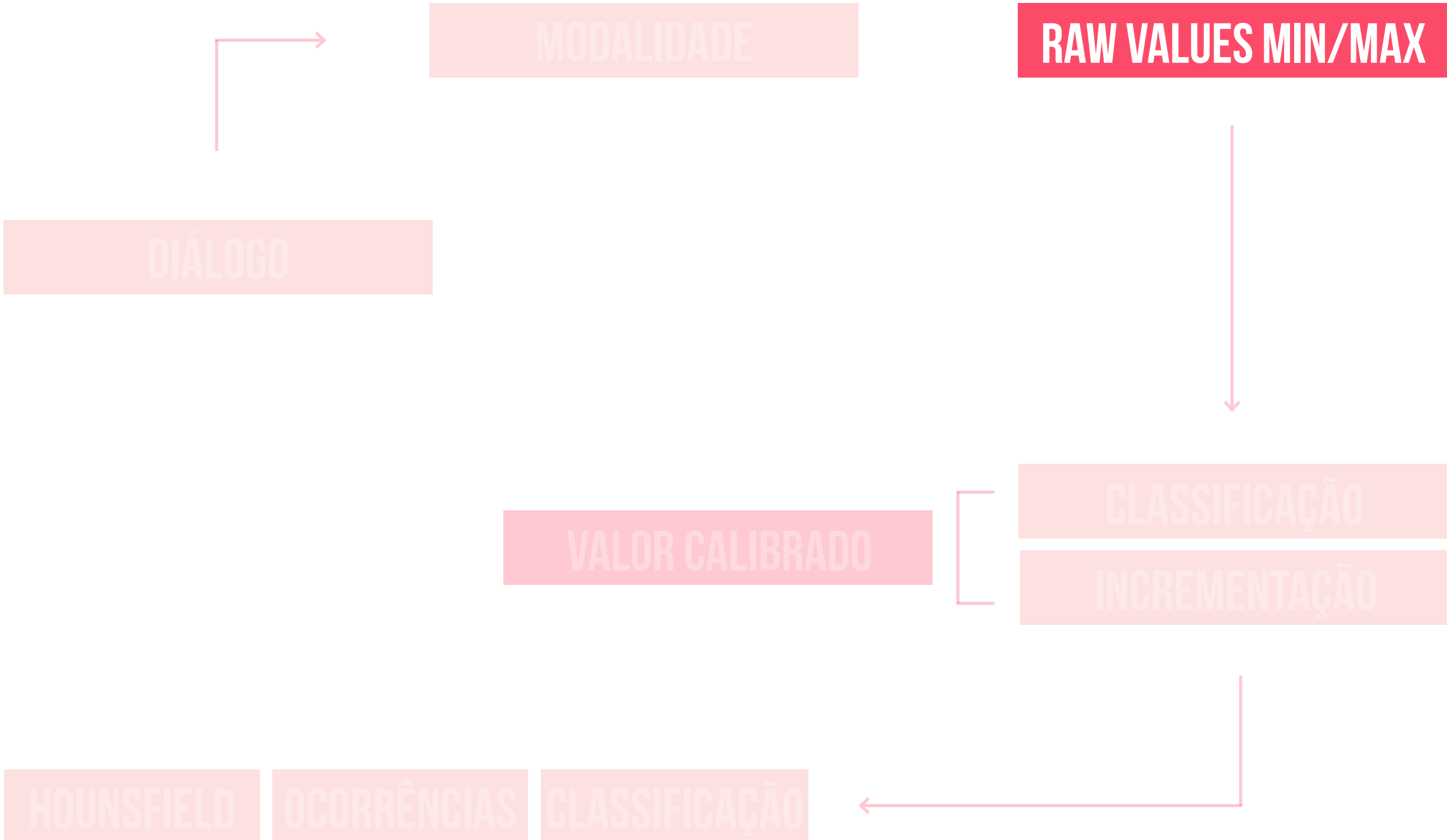
RUN

1. `GenericDialog;`
2. `DisplayHounsfield_<MOD>(ip);`
3. `IJ.run(Duplicate...);`
4. `IJ.run(LUT);`
5. `IJ.log (...);`

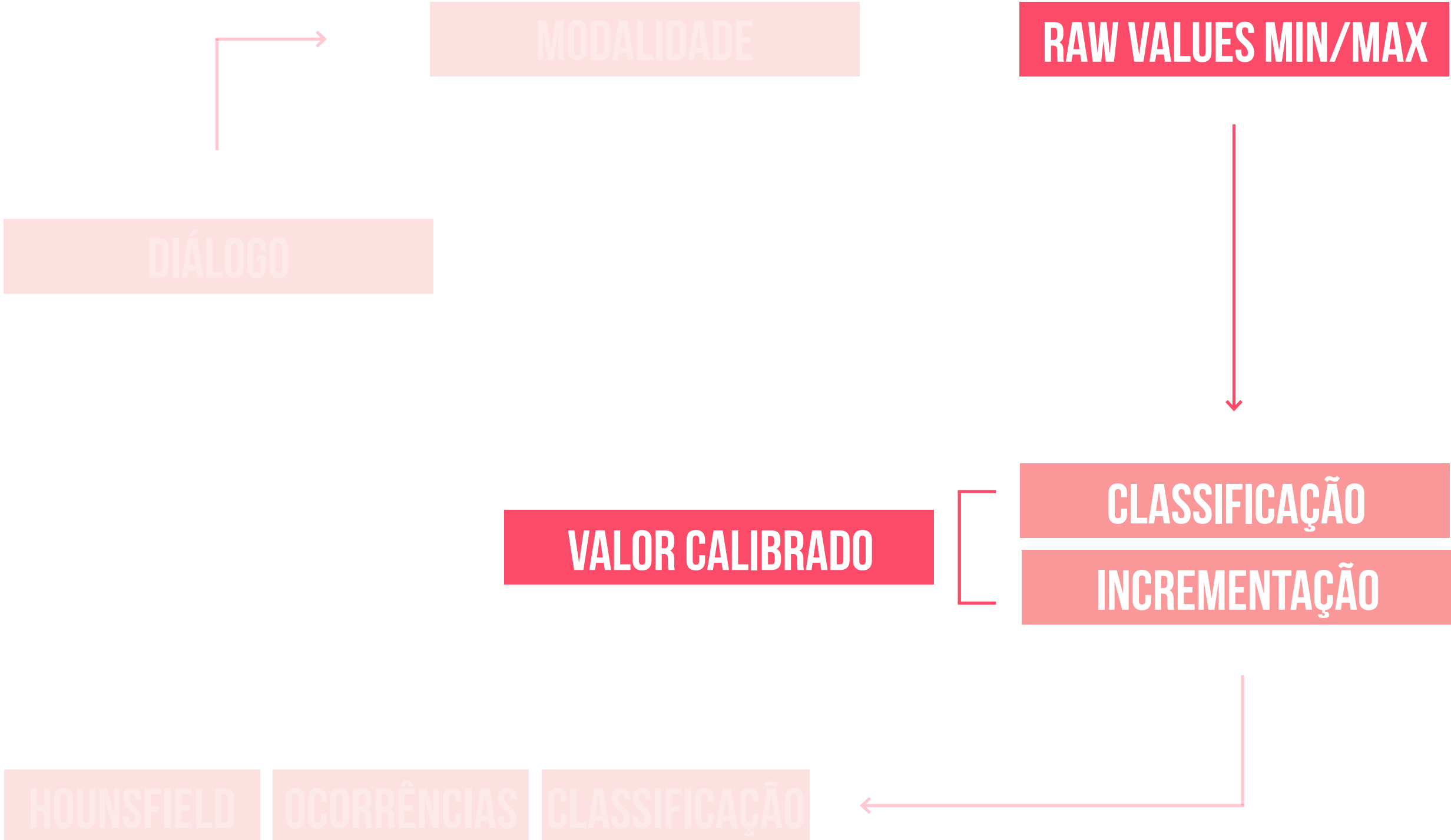
IMPLEMENTAÇÃO



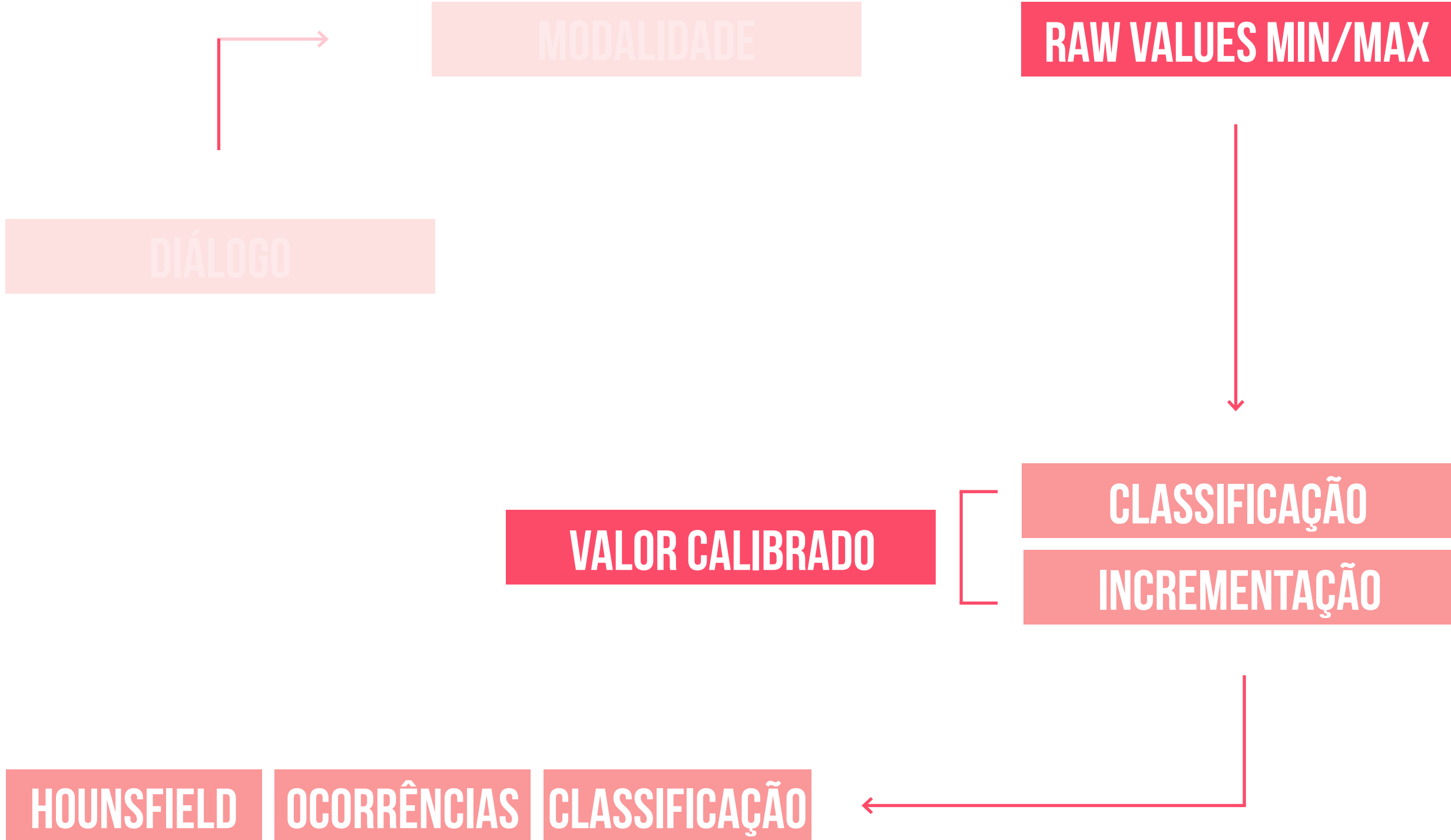
IMPLEMENTAÇÃO



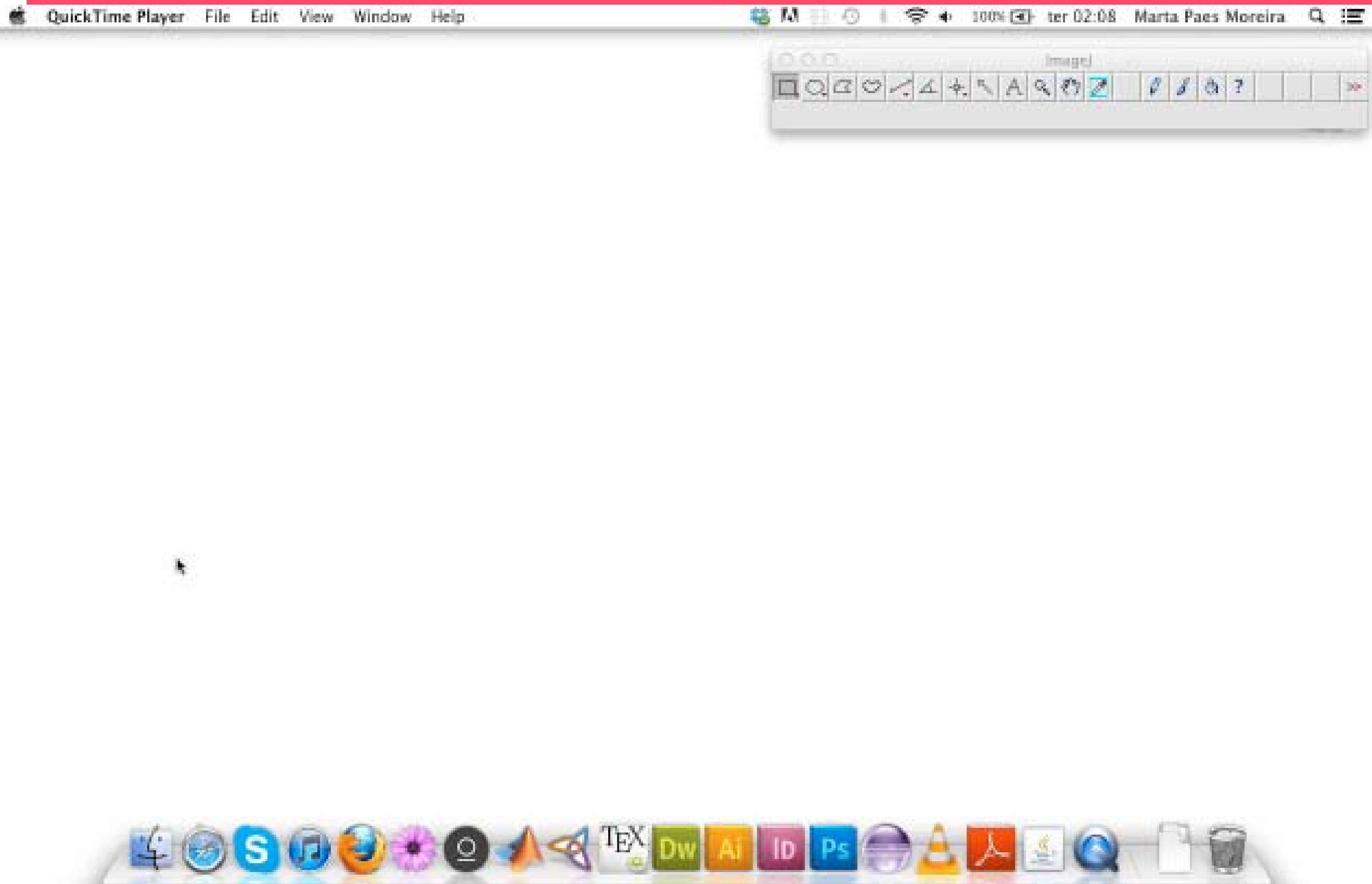
IMPLEMENTAÇÃO



IMPLEMENTAÇÃO

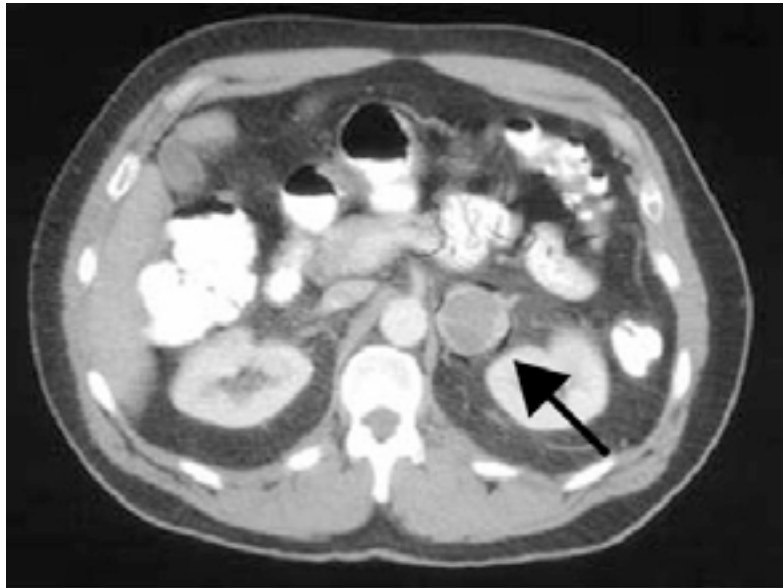


DEMONSTRAÇÃO



APLICAÇÕES

AVALIAÇÃO DE TUMORES



CARACTERIZAÇÃO DE FRAGMENTOS

