OUTPUT VARIABLES

Name	Class	Description
subjectID	char	ID entered by experimenter for participant
result	struct	Primary output structure file (field definitions below
slideName	cell	Stimulus filednames in order of presentation

result

- **blockSeeker** : stores block-wise runtime data
- **trialSeeker** : stores trial-wise runtime data
- **qdata** : [128x4 Array]
- **qim** : [128x2 Cell]

result.blockSeeker

Column	Description
Column 1	block #
Column 2	condition (1=WhyFace, 2=WhyHand, 3=HowFace, 4=HowHand)
Column 3	scheduled onset (s)
Column 4	cue # (indices tp preblockcues/isicues fields)

result.trialSeeker

Column	Description
Column 1	block #
Column 2	trial # (within-block)
Column 2	condition (1=WhyFace, 2=WhyHand, 3=HowFace, 4=HowHand)
Column 4	normative response (1=Yes, 2=No) [used to evaluate accuracy]
Column 5	stimulus # (index to result.qim & result.qdata
Column 6	(saved during runtime) trial onset (s) [relative to trigger]
Column 7	(saved during runtime) response time to onset (s) [0 if No Resp]
Column 8	(saved during runtime) actual response [0 if No Resp]
Column 9	(saved during runtime) trial offset [relative to trigger]

result.qdata

`qdata` is a numeric array. Each row contains data for a different image and corresponds to the rows in `qim`.

Column	Description
Column 1	condition (1=WhyFace, 2=WhyHand, 3=HowFace, 4=HowHand)
Column 2	normative response (1=Yes, 2=No)
Column 2	average valence rating (MTurk sample) [1(neg) to 9(pos)]
Column 4	estimated image luminance (see `RGB2LUM` below)

result.qim

`qim` is a cell array. Each row contains data for a different image used in the experiment.

RGB2LUM

Each color channel is weighted differently according to the CIE Color Space. CIE Luminance is computed assuming a modern monitor. For further detials, see Charles Pontyon's Colour FAQ.

```
cim = imread(im{i});
if size(cim,3)==3
    lum(i) = mean2(.2125*cim(:,:,1) + .7154*cim(:,:,2) + .0721*cim(:,:,3)); % RGB
else
    lum(i) = mean2(cim); % GRAYSCALE
end
```