

```
function procROI = avgROI_cs(data,sec_start,sec_end,cropsizethreshold)
    sec_len = sec_end - sec_start + 1;
    sum = 0;
    data1 = data(200:350,:,140:200);
    for i = sec_start:sec_end
        sum = sum + cropROI_cs(data1(:,i,:),cropsizethreshold);
    end
    %disp(size(sum))
    procROI = sum/sec_len;
end
```