function value=out\_false(image, x1, y1, x2, y2)

RoI=imcrop(image, [x1, y1, x2-x1, y2-y1]);

hs=rgb2hsv(RoI);

skin\_like=zeros(size(RoI, 1), size(RoI, 2));

k=0;

for m=1: size(RoI, 1)

for n=1: size(RoI, 2)

if(hs(m, n, 1)>0&&hs(m, n, 1)<0.15&&

hs(m, n, 2 )>0.2&&hs(m, n, 2)<0.6)

skin\_like(m, n)=1;

k=k+1;

end

end

end

num=sum(sum(skin\_like));

if (num/(size(RoI, 1)\*size(RoI, 2)))>1/4

value=1;

else

value=0;

end

end