
Subject: Calculating colocalization of three colours
Posted by [cgguido](#) on Thu, 04 Jun 2009 16:42:58 GMT
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Hi all,

say I have two images, r(ed) and g(reen), and I want to know how colocalized these colours are. I do $c1 = \text{correlate}(r, g)$. if c is close to 1 then there is a lot of colocalization, if $c \sim 0$ then there is none, if $c \sim -1$ then some joker just gave me the same image twice, inverting one of the copies! (usually, one calculates c on a ROI...)

I am trying to figure out how to do something similar when a b(lue) image is added to the mix. I could do them pairwise, but that means for each set, I would end up with three numbers...

Any ideas?

Many thanks,
Gianguido
