Subject: Re: 2D Pearson correlation coefficient Posted by Matthew Argall on Thu, 30 Jan 2014 15:08:45 GMT

View Forum Message <> Reply to Message

- > I would like to ask if someone know a code to calculate a 2D Pearson correlation as:
- $> r^2 = (Sum wi^*(Mi-M)^*(Oi-O))^2 / ((Sum wi^*(Mi-M)^2)^*(Sum wi^*(Oi-O)^2))$
- > IDL has C_Correlate and R_correlate but none of them include the wi factor.

As far as I know, IDL does not do weighted correlations. It would not take you long to compute it, though. Basically, all you would have to do is replace "Sum" with the Total() function in the above equation...

>