

## Tony Greenwald

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**From:** "Eric Vanman" <e.vanman@psy.uq.edu.au>  
**To:** "Tony Greenwald" <agg@u.washington.edu>  
**Sent:** Monday, August 25, 2008 7:07 PM  
**Subject:** More data for Vanman et al. (2004)

Hi Tony,

Here are the zero-order correlations you were looking for. The first table includes the 37 participants who did not have EMG collected (i.e., they only participated in phase 1).

WHERE:

MRS -Modern Racism Scale (higher = more anti-Black)

MCPR- total Motivation to Control Prejudice Reactions Scale (higher= higher motivation to control)

Choose- the behavioral choice of White vs. Black candidate (higher=white candidate chosen)

iat - a White/Black IAT, with higher score here indicating faster RT when Black was paired with negative

Correlations <sup>a,b</sup>		choose	iat	mrs	mcpr
choose	Pearson Correlation	1.000	.112	.059	.141
	Sig. (2-tailed)		.509	.728	.405
iat	Pearson Correlation	.112	1.000	.003	.337*
	Sig. (2-tailed)	.509		.988	.041
mrs	Pearson Correlation	.059	.003	1.000	-.200
	Sig. (2-tailed)	.728	.988		.235
mcpr	Pearson Correlation	.141	.337*	-.200	1.000
	Sig. (2-tailed)	.405	.041	.235	
*. Correlation is significant at the 0.05 level (2-tailed).					
a. emg = No EMG					
b. Listwise N=37					

The second table includes the 36 participants who did have EMG collected (i.e., they participated in both phases). None of these appeared in the analysis above. This week two things surprised me about these analyses, which I last looked at over 5 years ago: (a) we had only 22 participants with IAT in this analysis, but I can't remember what happened with those other 14; and (b) the MRS score was related to the behavioural choice measure! Nevertheless, I'm sure you are weighting everything by sample sizes anyway. I have included the corrugator data, in case you are interested.

WHERE:

MRS -Modern Racism Scale (higher = more anti-Black)

MCPR- total Motivation to Control Prejudice Reactions Scale (higher= higher motivation to control)

Choose- the behavioral choice of White vs. Black candidate (higher=white candidate chosen)

iat - a White/Black IAT, with higher score here indicating faster RT when Black was paired with negative

corbias -- difference of white - black, so a more negative score means more brow activity to Blacks

zygbias -- difference of white - black, so a more positive score means more cheek activity to Whites

Correlations <sup>a</sup>		choose	corbias	zygbias	iat	mrs	mcpr

choose	Pearson Correlation	1.000	-.135	.401*	.289	.405*	.108
	Sig. (2-tailed)		.440	.015	.192	.016	.536
	N	36	35	36	22	35	35
corbias	Pearson Correlation	-.135	1.000	.047	-.045	-.076	-.112
	Sig. (2-tailed)	.440		.787	.847	.669	.527
	N	35	35	35	21	34	34
zygbias	Pearson Correlation	.401*	.047	1.000	-.268	.116	.219
	Sig. (2-tailed)	.015	.787		.227	.509	.206
	N	36	35	36	22	35	35
iat	Pearson Correlation	.289	-.045	-.268	1.000	.106	.429*
	Sig. (2-tailed)	.192	.847	.227		.639	.046
	N	22	21	22	22	22	22
mrs	Pearson Correlation	.405*	-.076	.116	.106	1.000	.012
	Sig. (2-tailed)	.016	.669	.509	.639		.943
	N	35	34	35	22	35	35
mcpr	Pearson Correlation	.108	-.112	.219	.429*	.012	1.000
	Sig. (2-tailed)	.536	.527	.206	.046	.943	
	N	35	34	35	22	35	35
*. Correlation is significant at the 0.05 level (2-tailed).							
a. emg = Has EMG							

I hope this helps!

-Eric

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