A	Default mode network				B	Task-positive network			
	NR	GSR	GMSR	WMSR		NR	GSR	GMSR	WMSR
NR	■	246%	229%	166%	NR	■	206%	191%	165%
GSR	≈0*	■	93%	67%	GSR	≈0*	■	93%	80%
GMSR	≈0*	0.0061*	■	72%	GMSR	≈0*	0.0007*	■	87%
WMSR	≈0*	≈0*	≈0*	■	WMSR	≈0*	≈0*	≈0*	■

C	Motion correction			
	NR	GSR	GMSR	WMSR
NR	■	381%	291%	231%
GSR	≈0*	■	76%	61%
GMSR	≈0*	0.0009*	■	79%
WMSR	≈0*	0.0001*	0.0047*	■

(A-B) The lower triangular half shows the lowest p value of the one-tailed two-sample t-tests between regressions. The upper triangular half shows the percentage difference between the z valued intranetwork correlations of all voxels within the network with the network's averaged signal. z Values were averaged over subjects within site first and then across sites. (C) The lower triangular half shows the lowest p value of the one-tailed two-sample t-tests between motion parameters and all voxels' signals. The upper triangular half shows the percentage difference between the z valued correlations between motion parameters and all voxels' signals. Percentages in all tables are expressed as row variable divided by column variable. The differences between the raw correlations and any of the regressed correlations are far larger than any other difference. Asterisks denote significant p values after multiple comparison correction. "≈0" indicates smaller than resolvable by MATLAB.

GMSR, gray matter signal regression; GSR, global signal regression; NR, nonregressed; WMSR, white matter signal regression.