Δ_{tp12c} MTR in intra- and inter-hemispheric connections correlate with GFA changes in controls.

Call:
lm(formula = Δ_{tp12c} MTR $\sim \Delta_{tp12c}$ GFA)

Residuals:

Min	1Q	Median	3Q	Max
−0.038068	−0.016490	−0.005498	0.010801	0.106349

Coefficients:

	Estimate	Std. Error	t value	Pr($> |t|$)	
(Intercept)	0.038263	0.003612	10.593	< 2e-16	***
Δ_{tp12c} GFA	0.014691	0.075227	0.195	0.846	
—					

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.0267 on 98 degrees of freedom

Multiple R-squared: 0.000389,
  Adjusted R-squared: −0.009811

F-statistic: 0.03814 on 1 and 98 DF, p-value: 0.8456

Δ_{tp12} MTR in intra- and inter- hemispheric connections correlate with GFA change in patients.

Call:
lm(formula = Δ_{tp12} MTR $\sim \Delta_{tp12}$ GFA)

Residuals:

Min	1Q	Median	3Q	Max
−0.10904	−0.04879	−0.01862	0.02018	0.54747

Coefficients:

	Estimate	Std. Error	t value	Pr($> |t|$)
(Intercept)	0.05044	0.01140	4.424	2.52e-05***
Δ_{tp12} GFA	0.14096	0.06131	2.299	0.0236*
—				

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.08646 on 98 degrees of freedom

Multiple R-squared: 0.05118,
  Adjusted R-squared: 0.0415

F-statistic: 5.286 on 1 and 98 DF, p-value: 0.02362

Δ_{tp23} MTR in intra- and interhemispheric connections correlate with GFA change in patients.

Call:
lm(formula = Δ_{tp23}MTR $\sim \Delta_{tp23}$GFA)

Residuals:

Min	1Q	Median	3Q	Max
−0.12575	−0.03897	−0.02400	0.00476	0.41748

Coefficients:

	Estimate	Std. Error	t-value	Pr($> |t|$)
(Intercept)	0.03647	0.01171	3.114	0.00242**
Δ_{tp23} GFA	0.28902	0.11600	2.492	0.01440*
—				

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.08534 on 98 degrees of freedom

Multiple R^2: 0.05957, Adjusted R^2: 0.04997

F-statistic: 6.208 on 1 and 98 DF, p-value: 0.0144

Δ_{tp13} MTR in intra- and interhemispheric connections correlate with GFA change in patients.

Call:
lm(formula = Δ_{tp13} MTR $\sim \Delta_{tp13}$ GFA)

Residuals:

Min	1Q	Median	3Q	Max
−0.17184	−0.05857	−0.03580	0.02924	0.60269

Coefficients:

	Estimate	Std. Error	t-value	Pr($> |t|$)
(Intercept)	0.06739	0.01515	4.448	2.29e-05***
Δ_{tp13} GFA	0.22695	0.08961	2.533	0.0129*
—				

Signif. codes: 0 '***' 0.001 '**' 0.01 '' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.1159 on 98 degrees of freedom

Multiple R^2: 0.06143, Adjusted R^2: 0.05185

F-statistic: 6.414 on 1 and 98 DF, p-value: 0.01291