

. ttest PKU=Sibling

Paired t test

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
PKU Sibling	<b>15</b>	<b>94.66667</b>	<b>4.789539</b>	<b>18.5498</b>	<b>84.39413</b>	<b>104.9392</b>
	<b>15</b>	<b>98.8</b>	<b>3.450604</b>	<b>13.36413</b>	<b>91.39919</b>	<b>106.2008</b>
diff	<b>15</b>	<b>-4.133333</b>	<b>4.10559</b>	<b>15.90088</b>	<b>-12.93895</b>	<b>4.672282</b>

mean(diff) = mean(**PKU** - **Sibling**)

t = **-1.0068**

Ho: mean(diff) = 0

degrees of freedom = **14**

Ha: mean(diff) < 0

Pr(T < t) = **0.1656**

Ha: mean(diff) != 0

Pr(|T| > |t|) = **0.3311**

Ha: mean(diff) > 0

Pr(T > t) = **0.8344**