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. ttest bmi91=bmi09
```

Paired t test

Variable	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
bmi91	3679	21.09459	.050877	3.085931	20.99484	21.19434
bmi09	3679	23.25621	.0569194	3.452435	23.14461	23.36781
diff	3679	-2.16162	.0485223	2.94311	-2.256754	-2.066487

mean(diff) = mean(**bmi91** - **bmi09**)

t = **-44.5490**

Ho: mean(diff) = 0

degrees of freedom = **3678**

Ha: mean(diff) < 0

Ha: mean(diff) != 0

Ha: mean(diff) > 0

Pr(T < t) = **0.0000**

Pr(|T| > |t|) = **0.0000**

Pr(T > t) = **1.0000**