

```

1 . preserve

2 . keep if wavel==1
   (857 observations deleted)

3 . ttest related_factors, by(condition)

```

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	369	8.466125	.2011409	3.86379	8.070595	8.861654
1	347	8.302594	.2111174	3.93268	7.887359	8.717829
combined	716	8.386872	.1455801	3.895458	8.101056	8.672687
diff		.163531	.2914374		-.4086458	.7357078

```

diff = mean(0) - mean(1)                                t = 0.5611
Ho: diff = 0                                             degrees of freedom = 714

```

```

Ha: diff < 0                Ha: diff != 0                Ha: diff > 0
Pr(T < t) = 0.7126          Pr(|T| > |t|) = 0.5749          Pr(T > t) = 0.2874

```

```

4 . restore

5 . preserve

6 . keep if wavel==0
   (716 observations deleted)

7 . ttest related_factors, by(condition)

```

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	434	8.900922	.1727294	3.598415	8.561429	9.240414
1	423	8.042553	.1858138	3.821625	7.677317	8.407789
combined	857	8.477246	.1275126	3.732875	8.226972	8.72752
diff		.8583685	.2535012		.3608109	1.355926

```

diff = mean(0) - mean(1)                                t = 3.3861
Ho: diff = 0                                             degrees of freedom = 855

```

```

Ha: diff < 0                Ha: diff != 0                Ha: diff > 0
Pr(T < t) = 0.9996          Pr(|T| > |t|) = 0.0007          Pr(T > t) = 0.0004

```

```

8 . restore

9 . ttest related_factors, by(condition)

```

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	803	8.701121	.1315115	3.726676	8.442973	8.959268
1	770	8.15974	.1395264	3.871699	7.885843	8.433638
combined	1,573	8.436109	.095983	3.806786	8.247841	8.624377

diff	.5413805	.191583	.1655953	.9171658
diff = mean(0) - mean(1)			t =	2.8258
Ho: diff = 0			degrees of freedom =	1571
Ha: diff < 0		Ha: diff != 0	Ha: diff > 0	
Pr(T < t) = 0.9976		Pr(T > t) = 0.0048	Pr(T > t) = 0.0024	

10 . esize twosample related_factors, by(condition) all

Effect size based on mean comparison

	Obs per group:		
	condition_exploratory==0 =	803	
	condition_exploratory==1 =	770	
Effect Size	Estimate	[95% Conf. Interval]	
Cohen's <i>d</i>	.1425302	.0435246	.2414905
Hedges's <i>g</i>	.1424622	.0435038	.2413752
Glass's Delta 1	.1452717	.046114	.2443393
Glass's Delta 2	.1398302	.0406809	.238889
Point-Biserial <i>r</i>	.0711143	.0217662	.1199237

11 .
end of do-file

12 .