## Stability Trial: Worked example using the XL t-test function

	Day 0	Day x			
row 4	101.0	94.0			
	100.3	92.0			
	98.8	92.9			
	101.2	96.5			
row 8	99.9	92.8			
,			-		
n	5	5			
Mean	100.24	93.64			
St.dev	0.96	1.75			
			Comparison		
Pooled st.dev., s			1.41		
Mean diff, d			6.60		
SE(diff)			0.893		
t statistic			7.392		
degrees of freedom			8		
critical value (.05)			2.306	<b>Conclusion:</b>	There is a real difference between the means
Target diff, 5%			5.01	t statistic	5.613 A 5% difference would be significant
Target diff, 10%			10.02	t statistic	11.227 A 10% difference would be significant
Target diff, 12.5%			12.53	t statistic	14.034 A 12.5% difference would be significant

Extra sets of results may be inserted between rows 4 and 8. Inserting them before row 4 or after row 7 will exclude them from the data set. Deleting row 4 or row 8 will destroy the links to the calculation