

Figure 8.18 shows a screenshot of the Microsoft Excel interface, specifically the Formulas tab, displaying a data table for a hypothesis test. The table is located in the range F8:F17, with the formula bar showing the active cell F8.

	A	B	C	D	E	F	G
1	ID	Glasses					
2	1.00	0.00					
3	2.00	3.00		sample size		20.0000	
4	3.00	7.00		sample mean		4.4000	
5	4.00	15.00		sample SD		4.1346	
6	5.00	2.00					
7	6.00	1.00		hypothesised value		5.0000	
8	7.00	0.00					
9	8.00	0.00		standard error		0.9245	
10	9.00	10.00		test statistic t		-0.6490	
11	10.00	3.00		degrees of freedom		19.0000	
12	11.00	4.00					
13	12.00	8.00		p-value (lower tail)		0.2621	
14	13.00	1.00		p-value (upper tail)		0.7379	
15	14.00	7.00		p-value (2 tail)		0.5241	
16	15.00	7.00					
17	16.00	4.00					

Figure 8.18