

TABLE 15.4

Preliminary Calculations in Step 2 of Example 15.2

Food Task	Water Task	D	D^2
X	Y	$(X - Y)$	$(X - Y)^2$
1.5	1	0.5	0.25
1.5	3	-1.5	2.25
3	2	1.0	1.00
4	6	-2.0	4.00
5	4	1.0	1.00
6	7	-1.0	1.00
7	8	-1.0	1.00
8	5	3.0	9.00
$\Sigma D^2 = 19.50$			

The key value that is substituted into the formula for the Spearman correlation coefficient is boxed.