Table 4.14 Computation of the grouped variance for wine consumption

Glasses p/wk	Frequency (f_i)	Class midpoint (M_i)	Deviation ($M_i - \bar{x}$)	Squared deviation $(M_i - \bar{x})^2$	Product $f_i(M_i - \bar{x})^2$
0-3	10	1.5	–3.4	11.56	115.6
4-6	3	5	0.1	0.01	0.03
7-9	4	8	3.1	9.61	38.44
10-12	2	11	6.1	37.21	74.42
13-15	1	14	9.1	82.81	82.81