

**Question #144****Key: A**

For each simulation, estimate the LER and then calculate the squared difference from the estimate, 0.125.

Simulation	First claim	Second claim	Third claim	LER	Squared difference
1	600	600	1500	0.111111	0.000193
2	1500	300	1500	0.090909	0.001162
3	1500	300	600	0.125000	0.000000
4	600	600	300	0.200000	0.005625
5	600	300	1500	0.125000	0.000000
6	600	600	1500	0.111111	0.000193
7	1500	1500	1500	0.066667	0.003403
8	1500	300	1500	0.090909	0.001162
9	300	600	300	0.250000	0.015625
10	600	600	600	0.166667	0.001736

The last column has an average of 0.002910 which is the bootstrap estimate.