第10章作业

某地10名一年级女大学生的胸围（cm）与肺活量(L)数据如下，

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | |
| 胸围 | | 72.5 | | | 83.9 | | 78.3 | | 88.4 | | 77.1 | | 81.7 | | 78.3 | | 74.8 | | 73.7 | | 79.4 | | |
| 肺活量 | | | 2.51 | | 3.11 | | 1.91 | | 3.28 | | 2.83 | | 2.86 | | 3.16 | | 1.91 | | 2.98 | | 3.28 | |

lYY=2.389, lxx=212.029, lXY=11.343

X均数=78.810，Y均数=2.783

试建立肺活量和胸围的回归方程（需要进行假设检验）