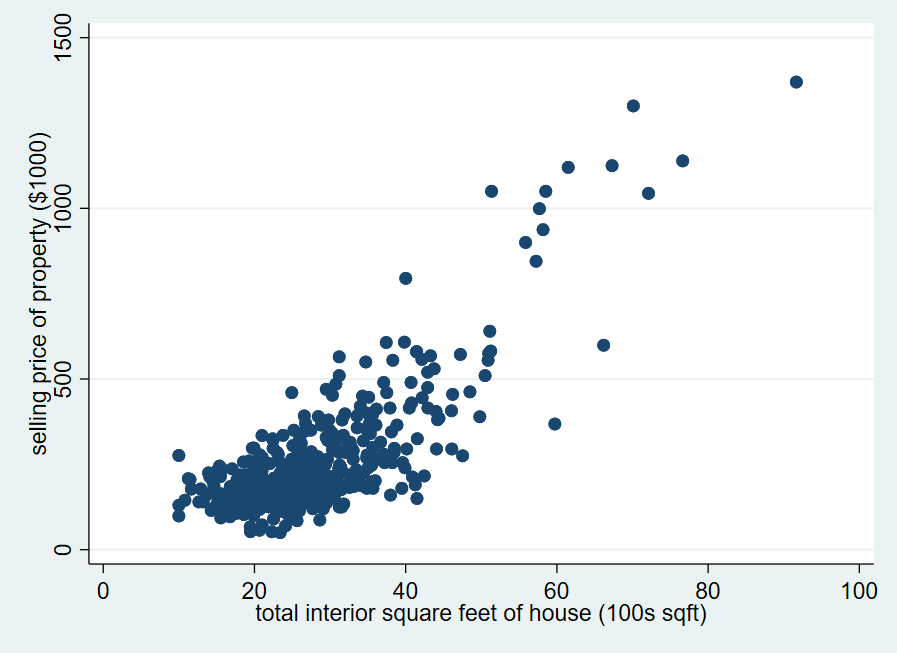
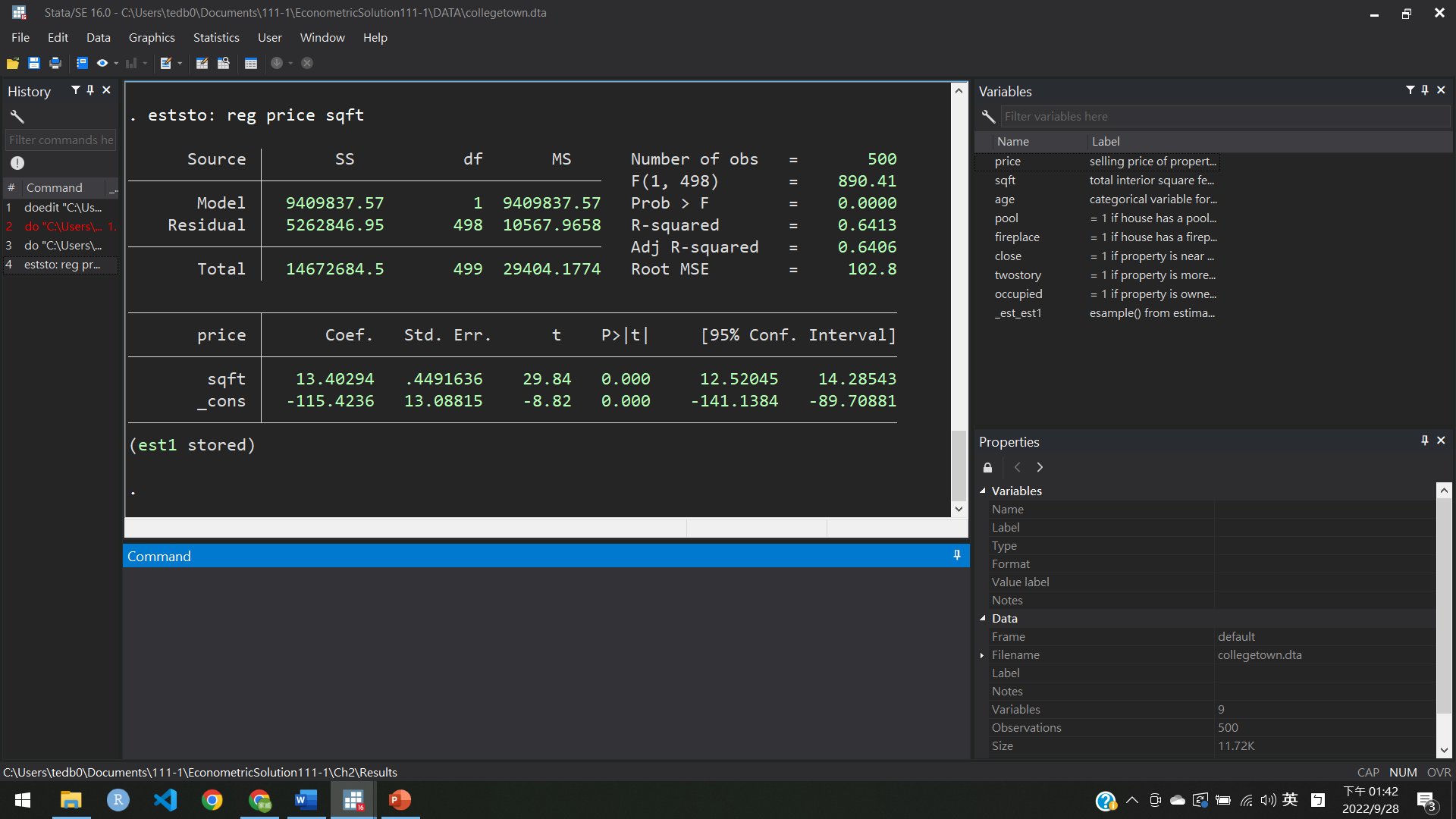
# 繪製房屋大小與價格的散布圖。

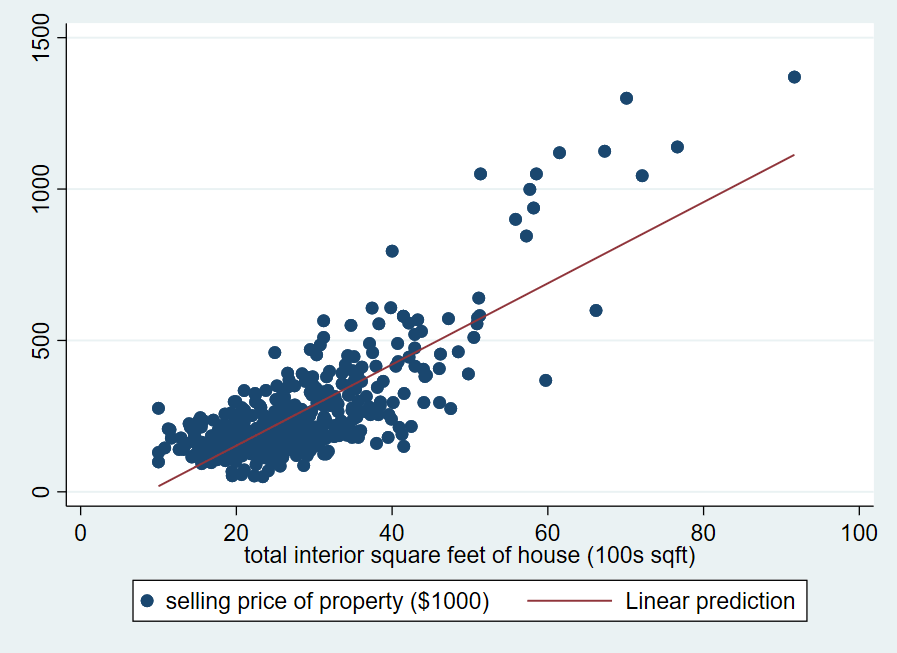


# 估計線性歸模型



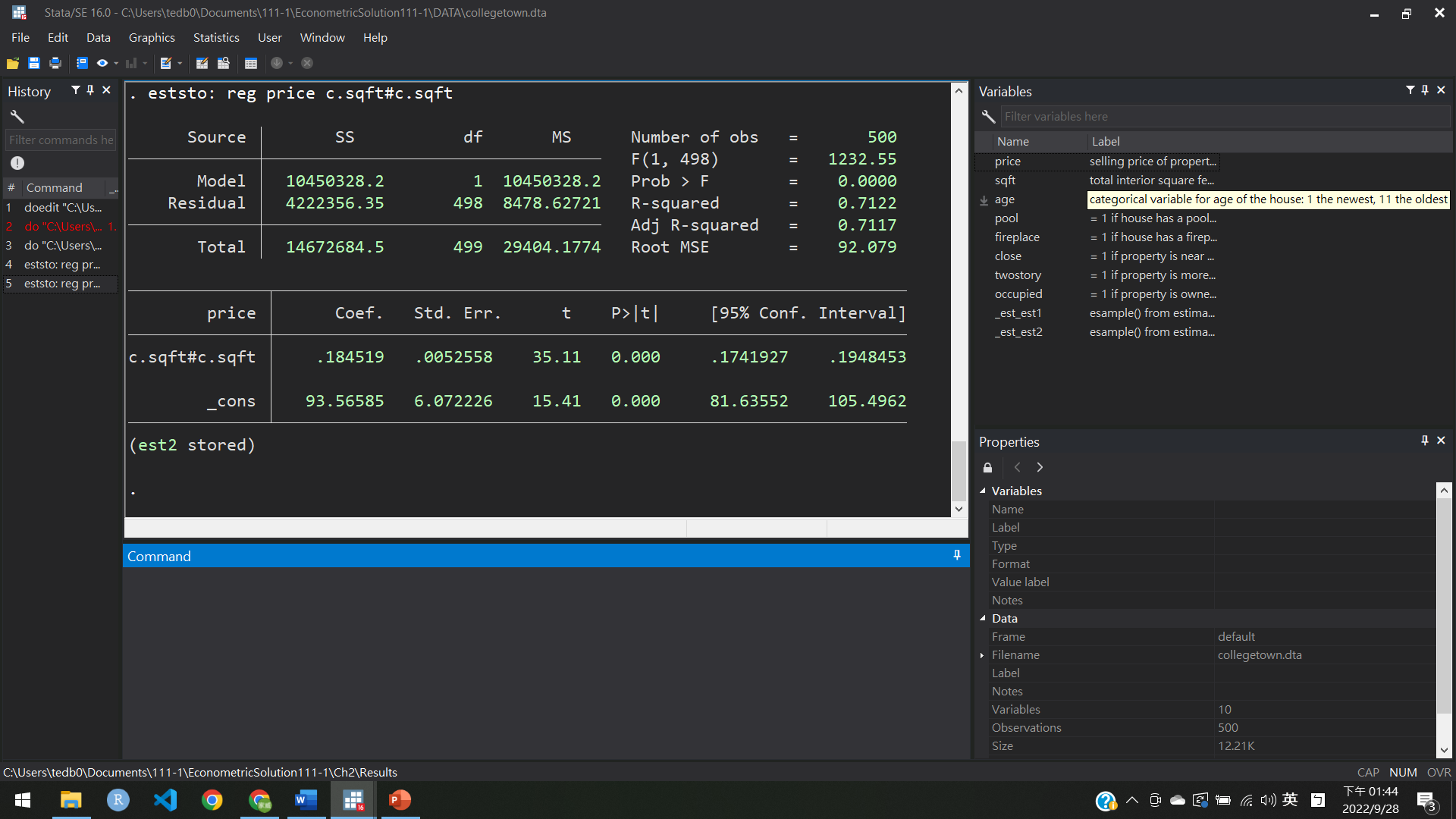
|  |  |
| --- | --- |
|  | -115.4 |
|  | 12.3 |

畫出結果

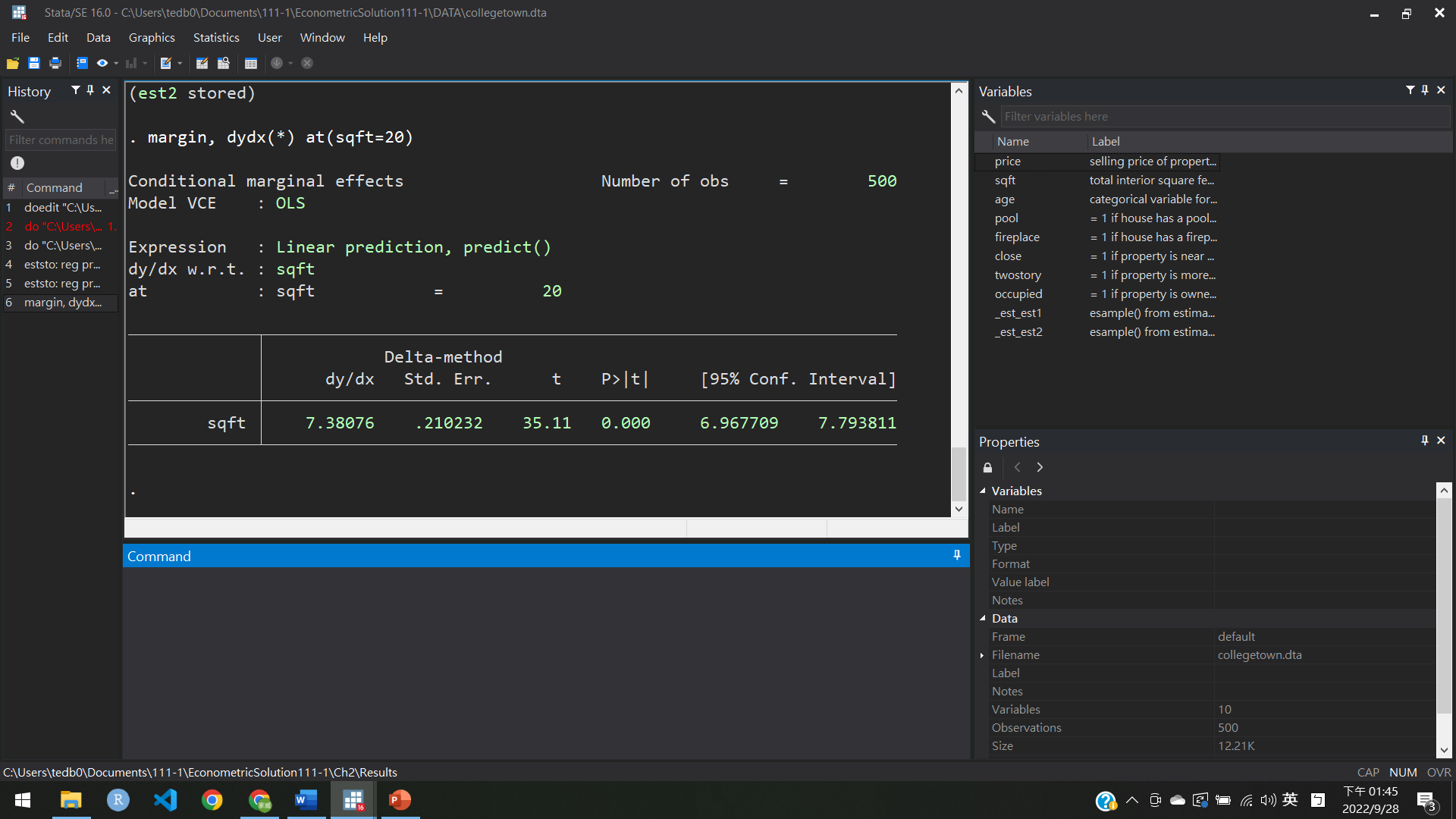


斜率 > 0，表示隨著面積越大，房價就越貴

# 估計二次歸模型



|  |  |
| --- | --- |
|  | 0.184 |
|  | 93.56 |



兩回歸比較

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | price | price |
| sqft | 13.40\*\*\* |  |
|  | (29.84) |  |
|  |  |  |
| c.sqft#c.sqft |  | 0.185\*\*\* |
|  |  | (35.11) |
|  |  |  |
| \_cons | -115.4\*\*\* | 93.57\*\*\* |
|  | (-8.82) | (15.41) |
| *N* | 500 | 500 |

*t* statistics in parentheses

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001