例题 9.7 T. = 120 + 180 = 300 T = 300 + 390 + 570 +540 = 1800 T2 = 140 + 120 + 130 = 390 T3 = 190 + 170 + 210 = 570 T4 = 240 + 300 = 540 $\frac{4}{\Sigma}\sum_{i=1}^{n}$ $y_{ij}^{2} = 120^{2} + 180^{2} + ... + 240^{2} + 300^{2} = 354400$ SST = 354400 - 18001 = 30400 $SSTR = \frac{300^{2}}{2} + \frac{390^{2}}{3} + \frac{590^{2}}{3} + \frac{540^{2}}{3} - \frac{1800^{2}}{10} = 15800$ SSE = SST - SSTR = 30400 - 25800 = 4600 食品包裝資料 ANOVA表 變異來源 平方和 自由度 均方 京理 SSTR = 25800 4-1=3 MSTR = 25800 隨機課差 SSE = 4600 10-4=6 MSE = 4600 29 10 SST = 30400 10-1=9

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