Wed 12 April: Students worked on HwOb, and Dr. Burr answered their questions.

Fri 14 April: ~ Lec 2. r - Fact that Ly in Project 2 9#6 in a contrast · Comments on HwOb summary statistics of rell means (as well as of now means) Either tapply() on aggrégate ()
ean le moet to get nour meure.
Aggrégate - output is list Mise. Project & discussion Comments on tables of summary statistics (Hwob, Q#Z)

From the table of cell means, we remark that mean iron content for Iron pots is consistently higher than for either Aluminum or Clay pots, for all three dishes. The standard deviations (SDs) in the nine cells have a large range (from a minimum of 0.07 to a maximum of 0.63), so the model assumption of equal variance needs to be looked at more carefully. The procedures we will use in Project 2 are robust against violations of the assumption of constant variance, because of the balance of the design, so we will proceed without examining this issue further.

This wasn't required for 1+w06.
You may optionally) use these remarks in Project 2.

Discussion of the interaction plot is important in Project 2. [We had some important in Project 2. I we had some in-class discussion of interaction plot interpret ation.]

About Project 2, 240 and we have L4 = 13. C21 = C22 = C23 = C31 = C32 = C33 11 8,5,1=; { tim } f=1, 2,3 = 3(-6) + 3 (-6) C13 = -1 so Ly is a contrast CONTRAST this linear combination $+3(\frac{1}{2})=0.$ of cell means.

and, for Ly, see p. 141 for See Lecture 28 pp. 144\$ 140 quicker way to get var (& [4)

contrasta of the cell means. internals for these four contrasts as a group's following the procedure described on pf, 144 & 145 We have seen that Li, Lz, Lz, Lz Ly are all the field method to find simultaneous confidence Herefore, we can use

shortcut formula for Var (24): of the lecture notes

Vom (2+) = we can get var Lit by the formula on p. 141 -Ly = 1(\mu_3,) - \frac{1}{2} \mu_1. - \frac{1}{2} \mu_2. (w/c1=1, c2=c3=2