mas170.04.23 Thursday, April 16, 2020 11:44 AM Agenda leftorers: Chi21 133, Cl3 Ch 23 A2, 5c 5D(box). 5100 = .99 no correction 0% (P) (c) Does Not Apply 1034 1/2 valles = SE(9.11's) (d) No! C421 C3 p386 person 1 person 2 212± 4.06% person 3 24.5% ± 4.3% 20% la 2015 in box 18 Ch 23 A2 P413 -> 100 drows u/ repl. ave (box) = 75 SD(Pax) = 10 expected (ove) = are (sox) = 75 10 /100 = 1 SE (ave) = SE(sum), = SD(bux) /# draws = # draws = SD(GOX) VILdrows 100% 25 - 25 - 10 Yikes! 99.9991 _ about 68% > 100 drews = " to with repl.

and draws = " to "

and draws = " to " Ch 23 A 5 0,6,6 10,000 +ix ave (50x) = 50 (a)SE (ave) = SD (box) · Stdraws = 20.500 = 2 #draws need correction factor? 10000 ~ 10% So correction factor ~1 Corr. factor = 10,000 - 100 >100 draws Wort repl. 100 fix in box are (box) = 50 5D(box) = 20 experted (are) = 50 SE (avc) = 0 = intritively SE(Ove) = SE(Sum) = SD(box) Februar 100 - 100 #draws | Votraw Ans: 50 £ 0 with replacement" = s no c.f. in SE formulas "without replacement" () use c.f. in SE famulas "Simple random sample" * but you can omit c.f. if Sample size is small compared to the population size (# tix in box) small ~ 5% or less Summary of SE formulas P 422 square root lan Ch 17 SE (sum) Ch 23 SE (ave) count = som from O-1 box also ch 17,18 SE (cont) Ch 21 SE (% 1/3)

Summary Notes

compare to