

Unsyugus Typ yt ~ N(u:32) u repol.

your repol.

inexer Maria 3 mars 32 Boborna he jnær 3^2 , no reomer ogening

no apour which panagen $\frac{7}{3^2} = \frac{5}{3^2} (y; -\overline{y})^2 \qquad \frac{3^2}{3^2} = \frac{5}{3^2} (y; -\overline{y})^2 \qquad \frac{3^2}{3^2} = \frac{5}{3^2} (y; -\overline{y})^2$ Muß Chour 95% nyeg unt ged 4741.

i) Sa) wander kep-cro roro, err y M ceresephon

dyger ynce rem y B?

d) travius school op- err ?

b) 200 yroncxogur nym 7->>>? $\frac{\mathcal{E}(y; -\overline{y})^{2}}{3^{2}} \sim \int_{T-1}^{2}$ $\widehat{y} = \frac{y_1, t_1, \dots, y_7}{T}$ -1.96 2 -1.96 2 -1.96 2 -1.96 2 -1.96 3 -1. y-1.96 (2°+2°; y+ 1.96 (2°+2°) -9134321; y+9.52+=

 (u_t) - (fRCH(|||)) [nouth. conversable] $u_t = 2_t \cdot V_t$ $v_t \sim N(0||)$ regale 2t = 3+0,2.22.1+0,3.42.1 E(U₄)? Vou (u₄)?

Cou (U₄, U₄₊₂)? Cou (u₄, U₄₊₂)?

8) oyl-un

3² = 100 U₁₀₀ = 2

1 nocqueixl 95% PI gur U₁₀₁, U₁₀₂ a) $E(u_t) = E(\partial_t \cdot u_t) = E(\partial_t) E(v_t) = 0$ $Van(u_t) = E(u_t) = E(\partial_t \cdot V_t) = E(\partial_t) \cdot 1$ $= E(\partial_t) \cdot E(V_t) = E(\partial_t) \cdot 1$ $E(2_{t}^{2}) = 3+0.1 \cdot E(2_{t-1}^{2}) + 0.3 E(2_{t-1}^{2})$ E(21) = 3 + 0,1. E(21) + 0,3 E(21) $E(3t) = \frac{5}{0.5} = 6$