Supplie that he we interested in Understanding the effect of X1 com y. The redel is Y= Bo+B, X, + B, X2 +B3 X3+4

@ would you include the unique x1 xx3 45 a regressor in the meets Exploi this in detail.

Internation terms are other added to moders to raptur potential interesting effects

6) supple that in the model in (1) all the assurptions for the instruence of DLS hold, but the errors are hotero strature. what would you do? make some that you making the vewers as your daisons.

It errors we neterostedany the ording last seen story estacted remain unninged, but they are no lonce the best linear unbinsed estimates (BLUE) because their various is not MiniMized.

(The redel is for from complete. Proprie 2 der value while should have been included?

Income / wester - Interes restes, inflation

- time beographic vegin

a) to you weller it is apprentine you the wall to be ince a de valore X2? D'sou tha after in delvis.

a reportion stem strackty (1) size ((C)) or chase R2 - 10 has drought

Begins but β_1 =0.04 of SE(A)=0.0015. A 5% solitions

(et , ca we say but X_1 stress y^2 why:

Hi: β_1 =0 (by other)

H: β_1 =0 (No alfaet) $t = \frac{0.04}{0.041} = 2.67$

since 10=7.67 7 1.96, we resert to . X has soulline extent on Y.

But the hypothesis son (+), how der the source of the hours der the source of the hours of the h

The Box of portern F-101+

Hi: Box to protorn F-101+

Hi: Box to

Then would you vept to the solving stateres: "Statement about one or more coefficials" in a solving rane?

-TO JEAT HYPOTLETY HAH EARLY CORFFICIENTS
-SLEE MILL OF CHEMIN HYPOTLETS
-USE FEA STATISTIS USAIN SIGNIFICATE LEVELS and from confident.
-ENTURE PARTIES USAIN VIEW CONTROLLS OF CITTINGS IN.

THEOPER POSULTS WITH CONTROLLS OF CITTINGS IN.

Q SOPPOR ALL THE THE READ IS WHATING

Y = BO +B, X, +B2 X2 +B3 X2 +B4 X3+44

WHY YOU I'M THE MODEL IN (1) WHAT IS THE CONSIGNOR of 16852

reads to his spection had whill leads to existed variable with the estable may his , the estable coefficient for the repairing rainbles may be bits and inconsistent bile the midel will not rapture the core better y and x,

(B) what is the ready of R2 of a regressing thow do you expert R2 to change from the redel in (2) to see we

12 represent the propulse of unimee in y as X

2" will davene be never unity Xi in midel 2

only lest in more varieties in y the midel (1).

DASSURE WE estimbly coefficients and β_2 in (2) are older as 0.001 respectively as $x_1 = 1$, reaping over this pipe constitution is the production chart in y the everything pipe constitution what what about with $x_1 = 5$ are large x_1 by 1 white what about with $x_1 = 5$ $x_1 = 1$: 0.04(1) + 0.04(1)² = 0.04+0.001 = 0.041

x1=5: 0.04(5) +0.00(5) = 6.20 + 0.025 = 0.225

DEPTILE THE DUT HAT SWAP Y 'S SOUT REPORTED WHAT PROPERTY OF HIS POSSET

Lend to residence event and inaccuration in model,

- 6) supplied that X, is ristly for 5th of the obsertions were printed do you tend whom hall you bomble talls we will fall stylling. We will stylling supplied sampling.
 - O) the is there so aleas y, Horself we do not have every
 to date about it. Be you expect the biss of fi to me

 positive or negative?

 If the seperation or the constation:

 of Fi Seperations or the constation:

 if the positivity continue with y and to continue to the

 upward bins.
- Of should depend on his. Link of last one control worker tool me could use as proxy for his. Explain your variet of the charge.

floory - when y severs on to, not to the is consisting

th) x5 = " wet rate , proxy is now 600 &

(2) sopple that your dates not collecte only On earth type of avent to your few some some some selection; what would be see implication on the estimates captioned of the Elichards on this issue.

take confected in a certain area in now represent at any promise

bends to bigself expirates for Pi on it does not or from record

De state but you have glet of various which at consider you have to the topic substitute or topic or topic consider now relevant is the revisition.

- We need to consider now relevant is the revisition we held also need to exclude highly colliner seriation.

- We need also need to exclude highly colliner seriation for avoid inflate standard evens.

- The avoid inflate standard evens.

Essay Quertin with the growth of indultivilled food, high level of sycr conservertin and large are at unmereded medicates Arevica polity makes have become neve and more concerned with the health of it's population, four health is expendized people's welfore and generated high monthly costs for society. In economics the link between health and income seems pietty un controversal. After all, healthie people can next losses and harder. Healthie childre are steely to stay in smei longer and learn move, earn move Evan acres tambés the relationship seems clear; there with bother health we senerally victor, and those that improve their citize's health grow faster, S. consider the collows grestion: what is the effect of physical activity on type 2 d'abetes? Your fasses is to desvise how you risent go about answering that gration, controlt 1 model, and be specific about how you delle your variables. Justify your closes and delivine the assumpties you need. Explain how you might go about their the dell you need convet shatron's

of your applies, and plevido solutes you would inform

Wha possible.

The goal of this essay is to deretop on expiritary
study in order to undestand the effects of physicis
exercise on the liteliheed of develops Type 2
dialyther.

we will need that gloups of people. Group I is the treathest group toot will be assisted to do proxides exerce for a certain amount of the per week. Group 2 will be the control, where they will like their regular lives. The allocation of people for this stray will be done randomly, It will also be pussible to divide the freethest group into subgroups of people bused on hours of physical exercise per week or frequency of exercise pier week, and whether more exercise of exercise pier week, and whether more exercise of lieshood of being diagnosed with Type 2 Diabetes.

In our data set needed for till expence, we will need a colonn of hours or frequency of extense done by individual, and whether the individual has been diagnoses with Type 2 diagnoses.

Diabetis; ++1 = B, Exer + Bx + E

Un dependent value will be (alled Dichetes, and this varieties will suppose and O otherwise. For an entirely done in a neer, Exer represent the averse number at exercise done in a neer,

Additionally, we would include controls for individuals

PESONAL consultations— such as samily Listary, vale letility.

This will mitisate the writtle variable bias to be

covered with execise on queet the probability of

developing type 2 disheter.

BI can be interpreted as the chanse in the probability of being disqued with type 2 diabetes by increasing I now of average needs exercise, increasing I now of average needs exercise, in the coefflet of the as the cache effect of exercise in the probability of being disqued with type 2 diabetes, is the life conditional with the chart variability is live being else that is converted with the condition of exercise constitution of the condition of

potetial existere of vertices of this apprount is the potetial existere of vertices that change the likelihold of heirs diagnost with type 2 diabetes on 1 are also correlated with executing, For example, allebed consumption or soon consumption. If they were present in our dataset, are would include them as controls. An abblication produce would be the existere of vactively large reasonement ever in Exercise. This requires every would be down our estimates of the effect of exercisins on the probability of heirs diagraph with type 2 diabetes.