A Hormone_Data_raw.csv

PatientID	Cortisol	IGF1	…	Hormone50
ID1	17.4	327	…	33.5
ID2	18.1	412	…	44.2
⋮	…	…	…	…
ID40	20.2	264	…	28.6

B Demographic_Data.csv

PatientID	Age	Sex	BMI	CollectionDate	Diagnosis
ID1	45	female	18	2016-09-25	control
ID2	12	female	17	2016-09-25	diabetes
⋮	…	…	…	…	…
ID40	40	male	22	2016-09-29	control

D Pseudocode.docx:

1. Values for hormone levels were received from company Y and input into Horome_Data_raw.csv. No processing has been done on these values.

2. Values in Demographic_Data.csv were obtained upon visit to clinicX. Data were extracted from electronic medical record and input into Excel by Jane Doe.

C CodeBook.docx:

Study Design:

Experimental Question: This study looks to determine whether or not there are differences in hormone levels in individuals with diabetes relative to healthy controls.

Sample Details: 20 individuals with diabetes and 20 unrelated age- and sex-matched controls were included for study. Individuals were recruited to the study using flyers posted throughout Johns Hopkins Hospital and online recruitment through www.website.com. Informed consent was obtained from all study participants. Blood was drawn by a single phlebotomist in clinic X and all samples processed on the same day they were collected by company Y.

Code Book/Data dictionary:

Variable	Description	Units	CodingNotes	OtherNotes
Age	Age At Blood Draw	years	numerical	Taken from electronic medical record
Sex	Self-reported	'male', 'female'	2-level factor	Confirmed using electronic medical record
BMI	weight/height	kg/m^2	numerical	Measured day of blood draw
Collection Date	Date of Blood Draw	date	YYYY-MM-DD	Collection of blood by phlebotomist
Diagnosis	Individual diagnosis	'diabetes', 'control'	2-level factor	`diabetes` = Type 2 Diabetes. Confirmed by medical record.
Cortisol	Stress Hormone	µg/dL	numerical	Required fasting and to be measured in the AM (8-10am)
IGF1	Insulin-Like Growth Factor 1	ng/dL	numerical	Did not require fasting, but taken at the same time as other measures
⋮	⋮	⋮	⋮	⋮
Hormone50	Hormone Name	ng/dL	numerical	Hormone Details