DATE CREATED: Jun28,2025  
Number of Observations: 823  
Number of Variables: 306

| **FileName** | **Variable\_label** | **Variable\_Name** | **Category** | **N\_\_Percent** | **Mean\_\_SD** | **Median\_Q1\_Q3** | **Range** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| doit\_main\_results\_analyt\_dataset | Blind\_id | Blind\_id |  | 119(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Blinded\_SiteID | Blinded\_SiteID |  | 823(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Trigliceride range | tryglyrange |  | 823(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 1 Month Follow Up | 119(14.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 12 Month Follow Up | 114(13.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 18 Month Follow Up | 107(13) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 24 Month Follow Up | 106(12.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 3 Month Follow Up | 12(1.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 6 Month Follow Up | 117(14.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | 9 Month Follow Up | 10(1.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | Baseline | 119(14.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Name | VISNAME | Screening | 119(14.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Does the participant have any biological relatives with a history of premature CVD? | VISFHXYN | (Empty string) | 704(85.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Does the participant have any biological relatives with a history of premature CVD? | VISFHXYN | No | 56(6.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Does the participant have any biological relatives with a history of premature CVD? | VISFHXYN | Yes | 63(7.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | 1 | 41(60.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | 2 | 19(27.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | 3 | 5(7.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | 4 | 2(2.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | 5 | 1(1.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1a. How many biological relatives does the participant have with premature CVD? | VISFHXNUM | <NA> | 755(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFHXCHG | (Empty string) | 699(84.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFHXCHG | No | 117(14.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFHXCHG | Yes | 7(0.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2b. Total number of biological relatives with premature CVD | VISFHXCNUM | 3 | 1(50) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2b. Total number of biological relatives with premature CVD | VISFHXCNUM | 4 | 1(50) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B2b. Total number of biological relatives with premature CVD | VISFHXCNUM | <NA> | 821(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1. Unexplained and/or persistent muscle pain, tenderness or weakness | SYMMUSCL | (Empty string) | 43(5.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1. Unexplained and/or persistent muscle pain, tenderness or weakness | SYMMUSCL | No | 760(92.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1. Unexplained and/or persistent muscle pain, tenderness or weakness | SYMMUSCL | Unknown | 2(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1. Unexplained and/or persistent muscle pain, tenderness or weakness | SYMMUSCL | Yes | 18(2.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1a. Is the <i>Unexplained and/or persistent muscle pain, tenderness or weakness</i> associated with recent physical activity or any recent trauma or injury? | SYMUSCINJ | (Empty string) | 805(97.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1a. Is the <i>Unexplained and/or persistent muscle pain, tenderness or weakness</i> associated with recent physical activity or any recent trauma or injury? | SYMUSCINJ | No | 10(1.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1a. Is the <i>Unexplained and/or persistent muscle pain, tenderness or weakness</i> associated with recent physical activity or any recent trauma or injury? | SYMUSCINJ | Unknown | 4(0.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1a. Is the <i>Unexplained and/or persistent muscle pain, tenderness or weakness</i> associated with recent physical activity or any recent trauma or injury? | SYMUSCINJ | Yes | 4(0.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3b. Were there any changes to study medication since last visit? | VISFSMYN | (Empty string) | 281(34.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3b. Were there any changes to study medication since last visit? | VISFSMYN | No | 506(61.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3b. Were there any changes to study medication since last visit? | VISFSMYN | Yes | 36(4.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFAMHX | (Empty string) | 281(34.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFAMHX | No | 534(64.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFAMHX | Unknown | 3(0.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1. Have there been any updates to the participant's family history of premature CVD since last visit? | VISFAMHX | Yes | 5(0.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A2. Sex | SEX | Female | 364(44.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A2. Sex | SEX | Male | 459(55.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3. Ethnicity | ETHNIC | Hispanic or Latino/Latina | 244(29.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3. Ethnicity | ETHNIC | Not Hispanic or Latino/Latina | 579(70.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3. Does the participant have medical insurance? | INSUR\_YN | Yes | 823(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3a. Type of insurance | INSUR\_TYPE | Private | 387(47) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3a. Type of insurance | INSUR\_TYPE | Public | 357(43.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3a. Type of insurance | INSUR\_TYPE | Public and Private | 65(7.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A3a. Type of insurance | INSUR\_TYPE | Unknown | 14(1.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A4. What is the highest level of education that the participant's mother completed? | M\_EDU | 3- or 4-Year College/ University Graduate | 221(26.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A4. What is the highest level of education that the participant's mother completed? | M\_EDU | At most High School | 214(26) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A4. What is the highest level of education that the participant's mother completed? | M\_EDU | Declined to Answer | 39(4.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A4. What is the highest level of education that the participant's mother completed? | M\_EDU | Partial College, 2-Year College Diploma, or Trade School | 349(42.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n. Age range of participant at the time of blood pressure measurements | BPAGE | (Empty string) | 182(22.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n. Age range of participant at the time of blood pressure measurements | BPAGE | Aged < 13 Years | 180(21.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n. Age range of participant at the time of blood pressure measurements | BPAGE | Aged >= 13 Years | 461(56) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n1. Systolic BP Category/Stage (for Children Aged < 13 y) | SBPAG1CAT | (Empty string) | 643(78.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n1. Systolic BP Category/Stage (for Children Aged < 13 y) | SBPAG1CAT | Elevated Sbp:>=90th To <95th Percentile, Or 120mmhg To <95th Percentile (Whichever Is Lower) | 28(3.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n1. Systolic BP Category/Stage (for Children Aged < 13 y) | SBPAG1CAT | Normal Sbp: <90th Percentile | 146(17.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n1. Systolic BP Category/Stage (for Children Aged < 13 y) | SBPAG1CAT | Stage1 Systolic Htn:>=95th To 95th Percentile +12mmhg, Or Systolic 130 To 139mmhg(Whichever Is Lower) | 6(0.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n2. Systolic BP Category/Stage (for Children Aged ≥ 13 y) | SBPAG2CAT | (Empty string) | 362(44) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n2. Systolic BP Category/Stage (for Children Aged ≥ 13 y) | SBPAG2CAT | Elevated Sbp: 120 To 129 Mmhg | 128(15.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n2. Systolic BP Category/Stage (for Children Aged ≥ 13 y) | SBPAG2CAT | Normal Sbp: <120 Mmhg | 293(35.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n2. Systolic BP Category/Stage (for Children Aged ≥ 13 y) | SBPAG2CAT | Stage1 Systolic Htn: 130 To 139 Mmhg | 39(4.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n2. Systolic BP Category/Stage (for Children Aged ≥ 13 y) | SBPAG2CAT | Stage2 Systolic Htn: >=140 Mmhg | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n3. Diastolic BP Category/Stage (for Children Aged < 13 y) | DBPAG1CAT | (Empty string) | 643(78.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n3. Diastolic BP Category/Stage (for Children Aged < 13 y) | DBPAG1CAT | Elevated Dbp:>=90th To <95th Percentile, Or Systolic 80mmhg To <95th Percentile (Whichever Is Lower) | 10(1.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n3. Diastolic BP Category/Stage (for Children Aged < 13 y) | DBPAG1CAT | Normal Dbp: <90th Percentile | 167(20.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n3. Diastolic BP Category/Stage (for Children Aged < 13 y) | DBPAG1CAT | Stage1 Diastolic Htn:>=95th To 95th Percentile + 12mmhg,Or Diastolic 80 To 89mmhg(Whichever Is Lower) | 3(0.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n4. Diastolic BP Category/Stage (for Children Aged ≥ 13 y) | DBPAG2CAT | (Empty string) | 362(44) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n4. Diastolic BP Category/Stage (for Children Aged ≥ 13 y) | DBPAG2CAT | Normal Dbp: <80 Mmhg | 413(50.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n4. Diastolic BP Category/Stage (for Children Aged ≥ 13 y) | DBPAG2CAT | Stage1 Diastolic Htn: 80 To 89 Mmhg | 47(5.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1n4. Diastolic BP Category/Stage (for Children Aged ≥ 13 y) | DBPAG2CAT | Stage2 Diastolic Htn: >90 Mmhg | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | (Empty string) | 595(72.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | Stage 1 | 19(2.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | Stage 2 | 51(6.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | Stage 3 | 71(8.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | Stage 4 | 35(4.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage PENIS | PENIS | Stage 5 | 52(6.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | (Empty string) | 597(72.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | Stage 1 | 23(2.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | Stage 2 | 34(4.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | Stage 3 | 38(4.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | Stage 4 | 42(5.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_male | pubic\_male | Stage 5 | 89(10.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | (Empty string) | 639(77.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | Stage 1 | 3(0.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | Stage 2 | 15(1.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | Stage 3 | 37(4.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | Stage 4 | 60(7.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage BREAST | BREAST | Stage 5 | 69(8.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | (Empty string) | 640(77.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | Stage 1 | 15(1.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | Stage 2 | 26(3.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | Stage 3 | 36(4.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | Stage 4 | 36(4.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Tanner Stage pubic\_female | pubic\_female | Stage 5 | 70(8.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Fasting | Fasting | (Empty string) | 420(51) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Fasting | Fasting | na | 9(1.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Fasting | Fasting | no | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Fasting | Fasting | Yes | 393(47.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | (Empty string) | 811(98.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | deterioration occurred during specimen handling | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | Not tested. Specimen received greater than 6 days from collection which exceeds specimen stability | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | rejected due to >6 day window from collection | 3(0.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | rejected due to hemolyzed sample | 3(0.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | sample was not centrifuged. | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | specimen received not centrifuged, test not performed | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | test not performed. Serum was in contact with cells when received which will make result innacurate | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Notes | Notes | test not performed. Specimen received not centrifuged | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | 0 | 118(25) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | 6 | 96(20.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | 12 | 97(20.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | 18 | 69(14.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | 24 | 92(19.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Visit Number | visitn | <NA> | 351(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | -28 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | -2 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | -1 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | 0 | 400(98.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | 6 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | 22 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff | diff | <NA> | 418(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | -28 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | -2 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | -1 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | 0 | 398(98.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | 6 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | 22 | 1(0.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff1 | diff1 | <NA> | 420(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff2 | diff2 | 0 | 413(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | diff2 | diff2 | <NA> | 410(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Glucose Units | GLUCUNT | (Empty string) | 704(85.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Glucose Units | GLUCUNT | mg/dL | 115(14) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Glucose Units | GLUCUNT | mmol/L | 4(0.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | ALT Units | ALTUNT | (Empty string) | 54(6.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | ALT Units | ALTUNT | IU/L | 187(22.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | ALT Units | ALTUNT | U/L | 582(70.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | AST Units | ASTUNT | (Empty string) | 54(6.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | AST Units | ASTUNT | IU/L | 186(22.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | AST Units | ASTUNT | U/L | 583(70.8) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1c. Units | CKUNT | (Empty string) | 57(6.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1c. Units | CKUNT | IU/L | 187(22.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | C1c. Units | CKUNT | U/L | 579(70.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1c. Fasting glucose Units | FASTGLUNT | (Empty string) | 177(21.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1c. Fasting glucose Units | FASTGLUNT | mg/dL | 619(75.2) |  |  |  |
| doit\_main\_results\_analyt\_dataset | B1c. Fasting glucose Units | FASTGLUNT | mmol/L | 27(3.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Treatment arm | trt | 1 | 404(49.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Treatment arm | trt | 2 | 419(50.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | (Empty string) | 180(21.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | 100-129 | 137(16.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | 130-159 | 203(24.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | 160-189 | 151(18.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | 190-219 | 67(8.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | gre or equal 220 | 11(1.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Non HDL range | nonhdlrange | less than 100 | 74(9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | obesity | obesity | (Empty string) | 182(22.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | obesity | obesity | No | 246(29.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | obesity | obesity | Yes | 395(48) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Systolic Blood Pressure | SBPAGCAT\_combined | (Empty string) | 182(22.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Systolic Blood Pressure | SBPAGCAT\_combined | Elevated Sbp: 120 To 129 Mmhg | 156(19) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Systolic Blood Pressure | SBPAGCAT\_combined | Normal Sbp: <120 Mmhg | 439(53.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Systolic Blood Pressure | SBPAGCAT\_combined | Stage1 Systolic Htn: 130 To 139 Mmhg | 45(5.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Systolic Blood Pressure | SBPAGCAT\_combined | Stage2 Systolic Htn: >=140 Mmhg | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Diastolic Blood Pressure | DBPAGCAT\_combined | (Empty string) | 182(22.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Diastolic Blood Pressure | DBPAGCAT\_combined | Normal Dbp: <80 Mmhg | 580(70.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Diastolic Blood Pressure | DBPAGCAT\_combined | Stage1 Diastolic Htn: 80 To 89 Mmhg | 57(6.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Diastolic Blood Pressure | DBPAGCAT\_combined | Stage2 Diastolic Htn: >=90 Mmhg | 4(0.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | BMI percentile category | bmipct\_cat | 1 | 9(1.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | BMI percentile category | bmipct\_cat | 2 | 74(11.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | BMI percentile category | bmipct\_cat | 3 | 205(32) |  |  |  |
| doit\_main\_results\_analyt\_dataset | BMI percentile category | bmipct\_cat | 4 | 353(55.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | BMI percentile category | bmipct\_cat | <NA> | 182(NA) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | < High School | 118(14.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | 3- or 4-Year College/ University Graduate | 221(26.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | Declined to Answer | 39(4.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | High School Graduate/GED | 96(11.7) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | Partial College, 2-Year College Diploma, or Trade School | 256(31.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Mother education | remedu | Post Graduate Degree | 93(11.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Race Ethnicity | reethnic | Hispanic or Latino/Latina | 244(29.6) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Race Ethnicity | reethnic | Not Hispanic or Latino/Latina | 579(70.4) |  |  |  |
| doit\_main\_results\_analyt\_dataset | tanner male | tanner\_male | (Empty string) | 823(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | tanner female | tanner\_female | (Empty string) | 823(100) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Flaging 10 times upper limit for Creatine Kinase (CK) | ckresflag | Missing | 57(6.9) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Flaging 10 times upper limit for Creatine Kinase (CK) | ckresflag | No | 765(93) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Flaging 10 times upper limit for Creatine Kinase (CK) | ckresflag | Yes | 1(0.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Race Category Public Use | racecat\_pu | Non-white/ Mixed | 182(22.1) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Race Category Public Use | racecat\_pu | Unknown | 95(11.5) |  |  |  |
| doit\_main\_results\_analyt\_dataset | Race Category Public Use | racecat\_pu | White | 546(66.3) |  |  |  |
| doit\_main\_results\_analyt\_dataset | A1. Age at Date of visit | VISAge |  | 238(29) | 13.94(2.4) | 13.54(11.9,15.8) | 10,19.65 |
| doit\_main\_results\_analyt\_dataset | C1b. Age at Date of first new muscle symptom | SYMUSAge |  | 16(2) | 14.13(2.7) | 13.87(12.77,16.44) | 9.42,19.25 |
| doit\_main\_results\_analyt\_dataset | A1a. Age at Date of contact | VISFAge |  | 542(66) | 15.05(2.5) | 14.71(13.06,17.12) | 10.13,21.66 |
| doit\_main\_results\_analyt\_dataset | A3a. Age at Date First Dose taken | VISFSMAge |  | 116(14) | 13.98(2.5) | 13.59(11.92,15.88) | 10,19.65 |
| doit\_main\_results\_analyt\_dataset | A1b. Age at Randomization Date: | RANDAge |  | 823(100) | 14.03(2.4) | 13.61(11.97,15.93) | 10.06,19.65 |
| doit\_main\_results\_analyt\_dataset | Age at the time Informed Consent was signed | age\_consent |  | 823(100) | 13.39(2.4) | 13(11,15) | 10,19 |
| doit\_main\_results\_analyt\_dataset | A1a. Age at Date measurements performed | ANTHRAge |  | 641(78) | 14.8(2.6) | 14.44(12.82,16.89) | 10,21.66 |
| doit\_main\_results\_analyt\_dataset | A1e. Height Average (calculated) | HEIGHT\_AV |  | 641(78) | 164.18(9.9) | 165.45(157.5,171.1) | 138.4,185 |
| doit\_main\_results\_analyt\_dataset | A1i. Weight Average (calculated) | WEIGHT\_AV |  | 641(78) | 93.91(25.4) | 92(75.6,111.35) | 42.7,176.3 |
| doit\_main\_results\_analyt\_dataset | A1j. Body Mass Index (BMI) (calculated) | BMI |  | 641(78) | 34.41(7.3) | 33.6(28.8,38.8) | 18.9,63.9 |
| doit\_main\_results\_analyt\_dataset | A1n. Waist Circumference Average (calculated) | WCIRCUM\_AV |  | 633(77) | 108(16.7) | 107(97,119.5) | 41.25,164.65 |
| doit\_main\_results\_analyt\_dataset | A1o. Waist to Height Ratio (calculated) | WH\_RATIO |  | 633(77) | 0.66(0.1) | 0.65(0.6,0.71) | 0.29,0.99 |
| doit\_main\_results\_analyt\_dataset | B1a. Age at Date measurements performed | VITALAge |  | 641(78) | 14.8(2.6) | 14.44(12.82,16.89) | 10,21.66 |
| doit\_main\_results\_analyt\_dataset | B1l. Systolic Blood Pressure Average | SYSBPAVG |  | 641(78) | 116.31(9.1) | 116.67(110.67,122.33) | 84.67,139.67 |
| doit\_main\_results\_analyt\_dataset | B1m. Diastolic Blood Pressure Average | DYABPAVG |  | 641(78) | 69.81(7.8) | 70(64.33,75.67) | 32,92 |
| doit\_main\_results\_analyt\_dataset | Age, months | agemos |  | 641(78) | 177.47(30.3) | 173.24(153.82,202.64) | 120.05,239.8 |
| doit\_main\_results\_analyt\_dataset | BMI based on CDC growth charts | bmi\_cdc |  | 641(78) | 34.42(7.3) | 33.58(28.77,38.85) | 18.91,63.9 |
| doit\_main\_results\_analyt\_dataset | BMI-for-age Z | bmiz |  | 642(78) | 2.37(0.8) | 2.16(1.86,2.74) | 0.03,6.98 |
| doit\_main\_results\_analyt\_dataset | BMI-for-age percentile | bmipct\_cdc |  | 641(78) | 97.5(3.6) | 98.47(96.86,99.7) | 51.03,100 |
| doit\_main\_results\_analyt\_dataset | % of 95th BMI percentile | bmip95 |  | 641(78) | 127.43(25.1) | 122.72(110.74,141.61) | 71.48,239.92 |
| doit\_main\_results\_analyt\_dataset | height-for-age Z | haz |  | 641(78) | 0.3(1) | 0.26(-0.4,0.94) | -1.84,3.28 |
| doit\_main\_results\_analyt\_dataset | Systolic bp percentile | syspct |  | 640(78) | 66.51(24.6) | 72(49,87) | 2,99 |
| doit\_main\_results\_analyt\_dataset | Diastolic bp percentile | diaspct |  | 640(78) | 64.37(24.3) | 70(45,85) | 1,99 |
| doit\_main\_results\_analyt\_dataset | Tot Chol mg/dL | Tot\_Chol\_mg\_dl |  | 643(78) | 185.21(37.7) | 187(158.5,212) | 88,291 |
| doit\_main\_results\_analyt\_dataset | HDL C mg/dL | HDL\_C\_mg\_dl |  | 643(78) | 38.44(6.3) | 38(34,42) | 20,64 |
| doit\_main\_results\_analyt\_dataset | Trigly mg/dL | Trigly\_mg\_dl |  | 643(78) | 182.45(102.3) | 154(112,227) | 42,695 |
| doit\_main\_results\_analyt\_dataset | direct LDL mg/dL | direct\_LDL\_mg\_dl |  | 643(78) | 127.84(34.8) | 129(101,152) | 37,232 |
| doit\_main\_results\_analyt\_dataset | Age at date of insulin testing | date\_insuAge |  | 510(62) | 15.72(2.6) | 15.48(13.7,17.75) | 10.46,22.04 |
| doit\_main\_results\_analyt\_dataset | C Peptide | C\_Peptide |  | 510(62) | 4.61(2.3) | 4.2(3,5.6) | 0.6,15.7 |
| doit\_main\_results\_analyt\_dataset | Age at apolipoprotein testing | date\_Age |  | 415(50) | 15.68(2.7) | 15.23(13.53,17.72) | 10.52,22.33 |
| doit\_main\_results\_analyt\_dataset | Apolipoprotein A1 | apo\_ai |  | 415(50) | 125.32(19.4) | 125(112,138) | 77,196 |
| doit\_main\_results\_analyt\_dataset | Apolipoprotein B | apo\_b |  | 415(50) | 105.64(26.2) | 106(87,124) | 47,181 |
| doit\_main\_results\_analyt\_dataset | Age at the date of the test for CRP | date\_reactAge |  | 415(50) | 15.66(2.7) | 15.23(13.52,17.71) | 10.44,22.33 |
| doit\_main\_results\_analyt\_dataset | Age at Study Date | studydAge |  | 472(57) | 14.92(2.5) | 14.58(12.94,16.95) | 10.06,21.66 |
| doit\_main\_results\_analyt\_dataset | Mean PWV | PWV\_mean |  | 445(54) | 5.01(0.9) | 4.93(4.43,5.5) | 2.6,9.2 |
| doit\_main\_results\_analyt\_dataset | Femoral Pulse wave velocity m/sec 1 | PWV1 |  | 445(54) | 4.71(0.9) | 4.7(4.2,5.1) | 2.4,9.2 |
| doit\_main\_results\_analyt\_dataset | Femoral Pulse wave velocity m/sec 2 | PWV2 |  | 407(49) | 5(0.9) | 4.9(4.4,5.5) | 2.6,9.2 |
| doit\_main\_results\_analyt\_dataset | Femoral Pulse wave velocity m/sec 3 | PWV3 |  | 358(43) | 5.37(1) | 5.3(4.8,5.9) | 2.8,9.2 |
| doit\_main\_results\_analyt\_dataset | Mean A HR | A\_HR\_mean |  | 450(55) | 71.98(10.9) | 71(65,78) | 38,117 |
| doit\_main\_results\_analyt\_dataset | A HR1 | A\_HR1 |  | 450(55) | 71.61(11.3) | 71(64,78) | 31,118 |
| doit\_main\_results\_analyt\_dataset | A HR2 | A\_HR2 |  | 407(49) | 72.02(11.1) | 71(64,79) | 49,121 |
| doit\_main\_results\_analyt\_dataset | A HR3 | A\_HR3 |  | 358(43) | 72.27(11) | 71(65,79) | 45,119 |
| doit\_main\_results\_analyt\_dataset | Femoral PWV distance(mm) | PWV\_DIST |  | 450(55) | 445.37(60.1) | 453.5(408,490) | 250,600 |
| doit\_main\_results\_analyt\_dataset | CCARIGHT DISTmmaverage | RCCA\_DI |  | 354(43) | 0.4(0.1) | 0.4(0.34,0.46) | 0.22,0.66 |
| doit\_main\_results\_analyt\_dataset | CCARIGHT DISTmmvalue1 | RCCA\_DI1 |  | 354(43) | 0.41(0.1) | 0.4(0.35,0.46) | 0.21,1.22 |
| doit\_main\_results\_analyt\_dataset | CCARIGHT DISTmmvalue2 | RCCA\_DI2 |  | 354(43) | 0.4(0.1) | 0.4(0.34,0.46) | 0.2,0.65 |
| doit\_main\_results\_analyt\_dataset | CCARIGHT DISTmmvalue3 | RCCA\_DI3 |  | 354(43) | 0.4(0.1) | 0.4(0.34,0.46) | 0.16,0.68 |
| doit\_main\_results\_analyt\_dataset | CCALEFT DISTmmaverage | LCCA\_DI |  | 356(43) | 0.42(0.1) | 0.41(0.36,0.47) | 0.19,0.79 |
| doit\_main\_results\_analyt\_dataset | CCALEFT DISTmmvalue1 | LCCA\_DI1 |  | 356(43) | 0.42(0.1) | 0.41(0.36,0.47) | 0.19,0.79 |
| doit\_main\_results\_analyt\_dataset | CCALEFT DISTmmvalue2 | LCCA\_DI2 |  | 356(43) | 0.42(0.1) | 0.42(0.36,0.47) | 0.19,0.78 |
| doit\_main\_results\_analyt\_dataset | CCALEFT DISTmmvalue3 | LCCA\_DI3 |  | 356(43) | 0.57(2.9) | 0.41(0.36,0.47) | 0.16,55 |
| doit\_main\_results\_analyt\_dataset | BulbRIGHTmmaverage | RBULB |  | 315(38) | 0.43(0.1) | 0.44(0.36,0.5) | 0.11,0.69 |
| doit\_main\_results\_analyt\_dataset | BulbRIGHTmmvalue1 | RBULB\_1 |  | 315(38) | 0.43(0.1) | 0.44(0.36,0.5) | 0.12,0.78 |
| doit\_main\_results\_analyt\_dataset | BulbRIGHTmmvalue2 | RBULB\_2 |  | 315(38) | 0.43(0.1) | 0.44(0.36,0.5) | 0.1,0.76 |
| doit\_main\_results\_analyt\_dataset | BulbRIGHTmmvalue3 | RBULB\_3 |  | 315(38) | 0.43(0.1) | 0.44(0.36,0.5) | 0.12,0.72 |
| doit\_main\_results\_analyt\_dataset | BulbLeftmmaverage | LBULB |  | 330(40) | 0.45(0.1) | 0.44(0.39,0.51) | 0.11,1.01 |
| doit\_main\_results\_analyt\_dataset | BulbLeftmmvalue1 | LBULB\_1 |  | 330(40) | 0.45(0.1) | 0.44(0.39,0.52) | 0.12,1.27 |
| doit\_main\_results\_analyt\_dataset | BulbLeftmmvlue2 | LBULB\_2 |  | 330(40) | 0.45(0.1) | 0.44(0.38,0.51) | 0.02,1.09 |
| doit\_main\_results\_analyt\_dataset | BulbLeftmmvalue3 | LBULB\_3 |  | 330(40) | 0.44(0.1) | 0.44(0.38,0.52) | 0.02,0.93 |
| doit\_main\_results\_analyt\_dataset | ICARIGHT PROXmmaverage | RICA\_PR |  | 289(35) | 0.33(0.1) | 0.32(0.27,0.39) | 0.07,0.63 |
| doit\_main\_results\_analyt\_dataset | ICARIGHT PROXmmvalue1 | RICA\_PR1 |  | 291(35) | 0.33(0.1) | 0.32(0.27,0.39) | 0.02,0.77 |
| doit\_main\_results\_analyt\_dataset | ICARIGHT PROXmmvalue2 | RICA\_PR2 |  | 291(35) | 0.33(0.1) | 0.32(0.27,0.39) | 0.03,0.72 |
| doit\_main\_results\_analyt\_dataset | ICARIGHT PROXmmvalue3 | RICA\_PR3 |  | 291(35) | 0.33(0.1) | 0.33(0.27,0.39) | 0.03,0.75 |
| doit\_main\_results\_analyt\_dataset | ICALEFT PROXmmaverage | LICA\_PR |  | 280(34) | 0.34(0.1) | 0.33(0.26,0.4) | 0.12,0.63 |
| doit\_main\_results\_analyt\_dataset | ICALEFT PROXmmvalue1 | LICA\_PR1 |  | 280(34) | 0.34(0.1) | 0.34(0.27,0.4) | 0.14,0.69 |
| doit\_main\_results\_analyt\_dataset | ICALEFT PROXmmvalue2 | LICA\_PR2 |  | 280(34) | 0.33(0.1) | 0.33(0.25,0.4) | 0.07,0.7 |
| doit\_main\_results\_analyt\_dataset | ICALEFT PROXmmvalue3 | LICA\_PR3 |  | 279(34) | 0.33(0.1) | 0.33(0.27,0.4) | 0.05,0.7 |
| doit\_main\_results\_analyt\_dataset | CCARight PSaverage | RCCA\_PS |  | 357(43) | 6.39(0.6) | 6.35(6.02,6.79) | 4.88,7.98 |
| doit\_main\_results\_analyt\_dataset | CCARight PSvalue1 | RCCA\_PS1 |  | 357(43) | 6.38(0.6) | 6.37(5.99,6.79) | 5.05,7.99 |
| doit\_main\_results\_analyt\_dataset | CCARight PSvalue2 | RCCA\_PS2 |  | 357(43) | 6.39(0.6) | 6.37(6,6.81) | 4.66,7.99 |
| doit\_main\_results\_analyt\_dataset | CCARight PSvalue3 | RCCA\_PS3 |  | 356(43) | 6.39(0.6) | 6.35(6.01,6.79) | 4.84,7.96 |
| doit\_main\_results\_analyt\_dataset | CCARight EDaverage | RCCA\_ED |  | 358(43) | 5.49(0.5) | 5.45(5.15,5.89) | 4.15,6.89 |
| doit\_main\_results\_analyt\_dataset | CCARight EDvalue1 | RCCA\_ED1 |  | 358(43) | 5.48(0.5) | 5.46(5.12,5.85) | 4.17,7.21 |
| doit\_main\_results\_analyt\_dataset | CCARight EDvalue2 | RCCA\_ED2 |  | 358(43) | 5.5(0.6) | 5.47(5.14,5.89) | 4.15,6.97 |
| doit\_main\_results\_analyt\_dataset | CCARight EDvalue3 | RCCA\_ED3 |  | 358(43) | 5.49(0.5) | 5.44(5.14,5.88) | 4.04,6.79 |
| doit\_main\_results\_analyt\_dataset | CCALeft PSaverage | LCCA\_PS |  | 356(43) | 6.35(0.6) | 6.35(5.93,6.76) | 4.84,7.93 |
| doit\_main\_results\_analyt\_dataset | CCALeft PSvalue1 | LCCA\_PS1 |  | 357(43) | 6.36(0.6) | 6.37(5.92,6.77) | 4.85,8.16 |
| doit\_main\_results\_analyt\_dataset | CCALeft PSvalue2 | LCCA\_PS2 |  | 357(43) | 6.35(0.6) | 6.31(5.91,6.75) | 4.89,8.3 |
| doit\_main\_results\_analyt\_dataset | CCALeft PSvalue3 | LCCA\_PS3 |  | 357(43) | 6.36(0.6) | 6.34(5.95,6.75) | 4.74,8.3 |
| doit\_main\_results\_analyt\_dataset | CCALeft EDaverage | LCCA\_ED |  | 357(43) | 5.47(0.6) | 5.45(5.02,5.88) | 3.93,7 |
| doit\_main\_results\_analyt\_dataset | CCALeft EDvalue1 | LCCA\_ED1 |  | 357(43) | 5.45(0.6) | 5.45(5.02,5.85) | 4,7.07 |
| doit\_main\_results\_analyt\_dataset | CCALeft EDvalue2 | LCCA\_ED2 |  | 357(43) | 5.47(0.6) | 5.44(5.01,5.87) | 3.9,7.18 |
| doit\_main\_results\_analyt\_dataset | CCALeft EDvalue3 | LCCA\_ED3 |  | 357(43) | 5.48(0.6) | 5.44(5.04,5.88) | 3.9,6.98 |
| doit\_main\_results\_analyt\_dataset | Bulb | Bulb |  | 351(43) | 0.44(0.1) | 0.44(0.39,0.5) | 0.19,0.96 |
| doit\_main\_results\_analyt\_dataset | Common | Common |  | 365(44) | 0.41(0.1) | 0.41(0.36,0.46) | 0.21,0.64 |
| doit\_main\_results\_analyt\_dataset | Internal | Internal |  | 315(38) | 0.33(0.1) | 0.34(0.27,0.39) | 0.1,0.63 |
| doit\_main\_results\_analyt\_dataset | CCA PS left and right Avg | PS\_diam |  | 361(44) | 6.37(0.5) | 6.35(6.02,6.74) | 5.09,7.95 |
| doit\_main\_results\_analyt\_dataset | CCA ED left and right Avg | ED\_diam |  | 361(44) | 5.47(0.5) | 5.46(5.12,5.85) | 4.33,6.84 |
| doit\_main\_results\_analyt\_dataset | Mean CCA Diameter | Diam\_mean |  | 364(44) | 5.92(0.5) | 5.91(5.56,6.27) | 4.82,7.4 |
| doit\_main\_results\_analyt\_dataset | A1a. Age at Date of PWV measure | PWVAge |  | 462(56) | 14.93(2.5) | 14.62(12.94,16.99) | 10.06,21.66 |
| doit\_main\_results\_analyt\_dataset | A2a. Age at Date of CIMT measure | CIMTAge |  | 15(2) | 13.72(2.3) | 13.45(12.82,13.79) | 10.6,19.92 |
| doit\_main\_results\_analyt\_dataset | A3a. Age at Date of Carotid artery stiffness measure | CASAge |  | 0(0) | NaN(NA) | NA(NA,NA) | Inf,-Inf |
| doit\_main\_results\_analyt\_dataset | Arterial Compliance (mm2/mmHg or mm2/kilopascal where1 kPa=7.6 mm Hg) | AC |  | 360(44) | 0.19(0.1) | 0.18(0.14,0.23) | 0.05,0.39 |
| doit\_main\_results\_analyt\_dataset | Arterial stiffness index (no Units) | beta\_stiffness |  | 360(44) | 3.3(1.2) | 3.13(2.52,3.83) | 1.18,8.07 |
| doit\_main\_results\_analyt\_dataset | Circumferential arterial strain (no Units) | cas\_index |  | 361(44) | 0.17(0) | 0.16(0.13,0.2) | 0.05,0.3 |
| doit\_main\_results\_analyt\_dataset | Einc | Einc |  | 356(43) | 2088.03(960.8) | 1902.55(1484.21,2501.99) | 487.67,10356.89 |
| doit\_main\_results\_analyt\_dataset | Peterson's mean pressure-strain elastic modulus (mmHg or dynes/cm2 = mmHg x 1333 or in kPa = mmHg x 0.1333) | pep |  | 360(44) | 301.49(113.6) | 280.05(226.22,348.4) | 109.07,844.99 |
| doit\_main\_results\_analyt\_dataset | Young's elastic modulus (mmHg/mm or dynes/cm2/mm or kPa/mm dynes/cm2 × 0.1 = Pascals) | yep |  | 356(43) | 814.74(342.1) | 750.26(607.61,949.85) | 256.4,4074.81 |
| doit\_main\_results\_analyt\_dataset | Glucose | GLUCRES |  | 119(14) | 98.21(126.3) | 88(82,93) | 0.44,1458 |
| doit\_main\_results\_analyt\_dataset | ALT | ALTRES |  | 769(93) | 41.46(36.2) | 31(20,51) | 6,404 |
| doit\_main\_results\_analyt\_dataset | AST | ASTRES |  | 769(93) | 28.26(16.7) | 25(18,33) | 4.2,154 |
| doit\_main\_results\_analyt\_dataset | C1a. Age at Date of blood draw | CKAge |  | 766(93) | 14.71(2.5) | 14.29(12.71,16.76) | 10,21.66 |
| doit\_main\_results\_analyt\_dataset | C1b. Result | CKRES |  | 766(93) | 152.66(287.7) | 101(77,149) | 5.3,6790 |
| doit\_main\_results\_analyt\_dataset | D1b. Result (%) | HBA1CRES |  | 765(93) | 5.42(0.4) | 5.4(5.2,5.6) | 4.3,9 |
| doit\_main\_results\_analyt\_dataset | B1b. Fasting glucose result | FASTGLRES |  | 646(78) | 90.57(11.5) | 90(85,96) | 52,261 |
| doit\_main\_results\_analyt\_dataset | LDL C | LDL\_C |  | 389(47) | 116(29.8) | 117(93,136) | 36,207 |
| doit\_main\_results\_analyt\_dataset | Small LDL-P | Small\_LDL\_P |  | 389(47) | 780.21(443.4) | 696(436,1054) | 89,2215 |
| doit\_main\_results\_analyt\_dataset | Lipoprotein insulin resistance score | LP\_IR\_Score |  | 389(47) | 70.2(17.9) | 73(59,83) | 24,100 |
| doit\_main\_results\_analyt\_dataset | Insulin | Insulin |  | 510(62) | 41.99(28.2) | 35.85(23.63,51.27) | 5.9,261 |
| doit\_main\_results\_analyt\_dataset | APO C-III | apo\_ciii |  | 415(50) | 10.71(4.1) | 9.8(7.72,13.63) | 2.19,21.8 |
| doit\_main\_results\_analyt\_dataset | reactive protein | reactive\_protein |  | 411(50) | 4.57(5.8) | 2.58(1.11,5.43) | 0.1,46.69 |
| doit\_main\_results\_analyt\_dataset | LDL Size | LDL\_Size |  | 388(47) | 20.58(0.7) | 20.6(20,21) | 19.4,22.6 |
| doit\_main\_results\_analyt\_dataset | HDL P total | HDL\_P\_total |  | 389(47) | 27.9(4.9) | 27.8(24.6,30.6) | 12.6,44.3 |
| doit\_main\_results\_analyt\_dataset | Cholesterol Total | Cholesterol\_Total |  | 389(47) | 189.61(34.7) | 189(167,214) | 90,282 |
| doit\_main\_results\_analyt\_dataset | Triglycerides | Triglycerides |  | 389(47) | 196.61(110.4) | 166(120,245) | 47,776 |
| doit\_main\_results\_analyt\_dataset | HDL C | HDL\_C |  | 389(47) | 37.54(7.4) | 37(32,42) | 20,59 |
| doit\_main\_results\_analyt\_dataset | LDL P | LDL\_P |  | 389(47) | 1458.65(471.3) | 1432(1127,1717) | 364,2872 |
| doit\_main\_results\_analyt\_dataset | Age, full number of years | age\_rand |  | 823(100) | 13.49(2.4) | 13(11,15) | 10,19 |
| doit\_main\_results\_analyt\_dataset | non HDL-C mg/dL | non\_HDL\_C\_mg\_dl |  | 643(78) | 146.77(35.8) | 147(121.5,170.5) | 52,251 |
| doit\_main\_results\_analyt\_dataset | non HDL-C nmr | non\_HDL\_c\_nmr |  | 389(47) | 152.07(35.4) | 151(129,176) | 50,254 |
| doit\_main\_results\_analyt\_dataset | BMI percentile based on CDC growth charts | bmipct\_cdc\_edit |  | 641(78) | 122.32(29) | 122.72(96.86,141.61) | 51.03,239.92 |
| doit\_main\_results\_analyt\_dataset | Homeostatic Model Assessment of Insulin Resistance | Homa\_IR |  | 504(61) | 9.59(7.4) | 7.93(5.17,11.37) | 0.89,79.91 |
| doit\_main\_results\_analyt\_dataset | Age at specific visit | vis\_finalAge |  | 780(95) | 14.71(2.5) | 14.29(12.69,16.77) | 10,21.66 |
| doit\_main\_results\_analyt\_dataset | Adjustable factor when performing calculation for LDL-C | factor |  | 643(78) | 5.81(1) | 5.7(5.1,6.5) | 3.4,10 |
| doit\_main\_results\_analyt\_dataset | Calculated LDL by using Martins equation | calculated\_LDL\_C |  | 643(78) | 116.93(29.7) | 118(94.72,138.43) | 40,210.62 |
| doit\_main\_results\_analyt\_dataset | Tri/ HDL measured by NMR (Nuclear Magnetic Resonance) method | Tri\_HDL\_NMR |  | 389(47) | 5.74(4.2) | 4.48(3,7.25) | 0.98,27.71 |
| doit\_main\_results\_analyt\_dataset | Tri/ HDL measured by enzymatic | Tri\_HDL\_enzy |  | 643(78) | 4.88(2.9) | 4.05(2.94,6.24) | 0.94,23.35 |
| doit\_main\_results\_analyt\_dataset | 1/ insulin | rev\_insulin |  | 510(62) | 0.03(0) | 0.03(0.02,0.04) | 0,0.17 |
| doit\_main\_results\_analyt\_dataset | Ratio Sm LDL-P LDL-P | Ratio\_Sm\_LDL\_P\_LDL\_P |  | 389(47) | 0.51(0.2) | 0.51(0.38,0.65) | 0.05,0.89 |
| doit\_main\_results\_analyt\_dataset | Time since randomization, months | time\_since\_rand |  | 780(81) | 9.22(8.9) | 6.46(0.92,17.67) | -13.38,25.97 |
| doit\_main\_results\_analyt\_dataset | Time since randomization, days | time\_since\_rand2 |  | 780(81) | 281.19(271.5) | 197(28,539) | -408,792 |
| doit\_main\_results\_analyt\_dataset | BMI-for-age Z | bmiz\_screen |  | 823(100) | 2.38(0.8) | 2.17(1.86,2.86) | 1.09,6.85 |
| doit\_main\_results\_analyt\_dataset | Age of subject at the time of Baseline visit | b\_vis\_finalAge |  | 823(100) | 14.03(2.4) | 13.61(11.97,15.92) | 10.06,19.65 |
| doit\_main\_results\_analyt\_dataset | Number of days since baseline | change\_vis\_final |  | 780(80) | 284.17(271.4) | 200(28,541) | -408,792 |
| doit\_main\_results\_analyt\_dataset | BMI-for-age Z | b\_bmiz |  | 823(100) | 2.37(0.8) | 2.2(1.83,2.76) | 0.98,6.98 |
| doit\_main\_results\_analyt\_dataset | Change from BL bmiz | change\_bmiz |  | 642(63) | 0.01(0.3) | 0.02(-0.08,0.16) | -2.75,1.32 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL bmiz | pc\_bmiz |  | 642(63) | 0.64(13.8) | 0.7(-3.73,7.23) | -98.36,46.72 |
| doit\_main\_results\_analyt\_dataset | A1o. Waist to Height Ratio (calculated) | b\_WH\_RATIO |  | 816(99) | 0.66(0.1) | 0.65(0.61,0.71) | 0.49,0.98 |
| doit\_main\_results\_analyt\_dataset | Change from BL WH RATIO | change\_WH\_RATIO |  | 628(61) | 0(0.1) | 0(-0.02,0.03) | -0.43,0.12 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL WH RATIO | pc\_WH\_RATIO |  | 628(61) | -0.27(7.6) | 0.32(-3.6,4) | -60.17,18.99 |
| doit\_main\_results\_analyt\_dataset | B1l. Systolic Blood Pressure Average | b\_sysbpavg |  | 816(99) | 114.73(9.3) | 114.67(109.33,121.33) | 84.67,136.33 |
| doit\_main\_results\_analyt\_dataset | Change from BL sysbpavg | change\_sysbpavg |  | 636(61) | 2.23(9.1) | 2(-3.67,8) | -29.33,44.66 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL sysbpavg | pc\_sysbpavg |  | 636(61) | 2.31(8.4) | 1.82(-3.13,7.29) | -23.03,47.17 |
| doit\_main\_results\_analyt\_dataset | B1m. Diastolic Blood Pressure Average | b\_dyabpavg |  | 816(99) | 69.59(7.8) | 70(63.25,75) | 53,88.33 |
| doit\_main\_results\_analyt\_dataset | Change from BL in average diastolic blood pressure | change\_dyabpavg |  | 636(62) | 0.37(8.4) | 0.33(-4.33,6) | -39.67,30.33 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL in average diastolic blood pressure | pc\_dyabpavg |  | 636(62) | 1.28(12.4) | 0.51(-6.07,8.63) | -55.35,50.32 |
| doit\_main\_results\_analyt\_dataset | Baseline systolic pressure percentile | b\_syspct |  | 816(99) | 65.28(26.3) | 71(47,89) | 2,99 |
| doit\_main\_results\_analyt\_dataset | Change from Baseline systolic pressure percentile | change\_syspct |  | 635(61) | 2.03(25.7) | 2(-13,18) | -73,93 |
| doit\_main\_results\_analyt\_dataset | Percent change from Baseline systolic pressure percentile | pc\_syspct |  | 635(61) | 60.57(309.4) | 2.44(-17.69,31.55) | -97.33,3600 |
| doit\_main\_results\_analyt\_dataset | Baseline diastolic pressure percentile | b\_diaspct |  | 816(99) | 65.07(25.1) | 71(46,87) | 9,99 |
| doit\_main\_results\_analyt\_dataset | Change from Baseline diastolic pressure percentile | change\_diaspct |  | 635(61) | -0.64(25.2) | -2(-14.75,14) | -80,75 |
| doit\_main\_results\_analyt\_dataset | Percent change from Baseline diastolic pressure percentile | pc\_diaspct |  | 635(61) | 14.42(68.7) | -2.48(-22.07,29.02) | -98.73,429.41 |
| doit\_main\_results\_analyt\_dataset | height-for-age Z | b\_haz |  | 816(99) | 0.37(0.9) | 0.38(-0.31,0.96) | -1.68,2.43 |
| doit\_main\_results\_analyt\_dataset | Change from BL haz | change\_haz |  | 636(63) | -0.08(0.3) | -0.05(-0.19,0.06) | -1.31,1.07 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL haz | pc\_haz |  | 636(63) | -42.34(392.9) | -0.75(-25.13,16.95) | -7441.22,682.79 |
| doit\_main\_results\_analyt\_dataset | Mean PWV | b\_PWV\_mean |  | 768(93) | 5.01(0.7) | 4.9(4.43,5.4) | 3.4,7.07 |
| doit\_main\_results\_analyt\_dataset | Change from BL PWV mean | change\_PWV\_mean |  | 433(38) | 0.05(0.9) | 0.1(-0.47,0.53) | -2.9,4.3 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL PWV mean | pc\_PWV\_mean |  | 433(38) | 1.92(18.5) | 1.94(-8.82,10.83) | -41.43,87.76 |
| doit\_main\_results\_analyt\_dataset | Common | b\_Common |  | 777(94) | 0.41(0.1) | 0.4(0.35,0.46) | 0.23,0.64 |
| doit\_main\_results\_analyt\_dataset | Change from BL Common | change\_Common |  | 356(29) | 0.01(0.1) | 0.01(-0.03,0.05) | -0.21,0.2 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Common | pc\_Common |  | 356(29) | 3.03(16.7) | 2.1(-7.52,14.14) | -40.94,50.26 |
| doit\_main\_results\_analyt\_dataset | Bulb | b\_bulb |  | 758(92) | 0.44(0.1) | 0.43(0.38,0.5) | 0.2,0.65 |
| doit\_main\_results\_analyt\_dataset | Change from BL bulb | change\_bulb |  | 342(28) | 0.01(0.1) | 0.01(-0.06,0.06) | -0.29,0.45 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL bulb | pc\_bulb |  | 342(28) | 4.06(25.3) | 1.37(-11.39,13.84) | -56.53,117.64 |
| doit\_main\_results\_analyt\_dataset | Internal | b\_internal |  | 689(84) | 0.32(0.1) | 0.31(0.26,0.38) | 0.12,0.58 |
| doit\_main\_results\_analyt\_dataset | Change from BL internal | change\_internal |  | 299(24) | 0.02(0.1) | 0.01(-0.03,0.06) | -0.22,0.37 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL internal | pc\_internal |  | 299(24) | 10.19(33.4) | 3.87(-10.54,21.33) | -62.3,152.13 |
| doit\_main\_results\_analyt\_dataset | Arterial Compliance (mm2/mmHg or mm2/kilopascal where1 kPa=7.6 mm Hg) | b\_AC |  | 770(94) | 0.21(0.1) | 0.2(0.16,0.24) | 0.06,0.39 |
| doit\_main\_results\_analyt\_dataset | Change from BL AC | change\_AC |  | 349(29) | -0.03(0.1) | -0.03(-0.08,0.02) | -0.24,0.2 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL AC | pc\_AC |  | 349(29) | -6.55(39.7) | -13.33(-34.93,10.35) | -69.57,234.45 |
| doit\_main\_results\_analyt\_dataset | Arterial stiffness index (no Units) | b\_beta\_stiffness |  | 770(94) | 3.03(1) | 2.89(2.38,3.43) | 1.42,7.07 |
| doit\_main\_results\_analyt\_dataset | Change from BL beta stiffness | change\_beta\_stiffness |  | 349(29) | 0.49(1.4) | 0.39(-0.25,1.22) | -4.5,5.52 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL beta stiffness | pc\_beta\_stiffness |  | 349(29) | 24.53(51.5) | 13.11(-9.09,47.43) | -63.69,229.38 |
| doit\_main\_results\_analyt\_dataset | Circumferential arterial strain (no Units) | b\_cas\_index |  | 777(94) | 0.18(0) | 0.18(0.14,0.21) | 0.05,0.28 |
| doit\_main\_results\_analyt\_dataset | Change from BL cas index | change\_cas\_index |  | 352(29) | -0.02(0.1) | -0.02(-0.05,0.01) | -0.16,0.12 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL cas index | pc\_cas\_index |  | 352(29) | -6.73(34.5) | -10.03(-29.24,7.35) | -63.32,197.61 |
| doit\_main\_results\_analyt\_dataset | Baseline Einc | b\_Einc |  | 756(92) | 1904.7(739.6) | 1776.98(1325.3,2278.49) | 487.67,4508.29 |
| doit\_main\_results\_analyt\_dataset | Change from BL Einc | change\_Einc |  | 341(28) | 328.96(1117.7) | 207.48(-262.97,702.01) | -2897.88,8646.77 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Einc | pc\_Einc |  | 341(28) | 29.42(69) | 14.1(-14.14,50.42) | -66.55,505.62 |
| doit\_main\_results\_analyt\_dataset | Peterson's mean pressure-strain elastic modulus (mmHg or dynes/cm2 = mmHg x 1333 or in kPa = mmHg x 0.1333) | b\_pep |  | 770(94) | 273.18(94.2) | 257.21(211.21,310.39) | 121.27,681.89 |
| doit\_main\_results\_analyt\_dataset | Change from BL pep | change\_pep |  | 349(29) | 48.64(133.6) | 30.61(-20.62,121.92) | -460.93,600.59 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL pep | pc\_pep |  | 349(29) | 25.93(52) | 12.47(-7.72,53.22) | -67.6,245.74 |
| doit\_main\_results\_analyt\_dataset | Young's elastic modulus (mmHg/mm or dynes/cm2/mm or kPa/mm dynes/cm2 × 0.1 = Pascals) | b\_yep |  | 756(92) | 751.82(268.5) | 702.21(556.66,887.55) | 256.4,1817.79 |
| doit\_main\_results\_analyt\_dataset | Change from BL yep | change\_yep |  | 341(28) | 114.68(398.7) | 60.06(-80.5,283.87) | -1187.08,3293.9 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL yep | pc\_yep |  | 341(28) | 23.87(56.9) | 9.85(-11.26,45.09) | -65.3,421.81 |
| doit\_main\_results\_analyt\_dataset | Tot Chol mg/dL | b\_Tot\_Chol\_mg\_dl |  | 823(100) | 203.47(30.3) | 197(180,226) | 151,284 |
| doit\_main\_results\_analyt\_dataset | Change from BL Tot Chol mg/dL | change\_Tot\_Chol\_mg\_dl |  | 643(63) | -22.25(37) | -22(-47,3.5) | -125,81 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Tot Chol mg/dL | pc\_Tot\_Chol\_mg\_dl |  | 643(63) | -10.17(18.3) | -10.86(-23.6,1.74) | -54.07,48.45 |
| doit\_main\_results\_analyt\_dataset | HDL C mg/dL | b\_HDL\_C\_mg\_dl |  | 823(100) | 38.34(5.4) | 37(35,41) | 26,56 |
| doit\_main\_results\_analyt\_dataset | Change from BL HDL-C mg/dL | change\_HDL\_C\_mg\_dl |  | 643(58) | 0.1(6.1) | -1(-4,4) | -16,29 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL HDL-C mg/dL | pc\_HDL\_C\_mg\_dl |  | 643(58) | 1.06(16) | -2.33(-10,10.53) | -44.44,87.88 |
| doit\_main\_results\_analyt\_dataset | Trigly mg/dL | b\_Trigly\_mg\_dl |  | 823(100) | 203.75(111.7) | 171(128,251) | 61,695 |
| doit\_main\_results\_analyt\_dataset | Change from BL Trigly mg/dL | change\_Trigly\_mg\_dl |  | 643(63) | -29.23(94.7) | -20(-66.75,19.75) | -497,311 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Trigly mg/dL | pc\_Trigly\_mg\_dl |  | 643(63) | -7.69(37.4) | -12.7(-32.63,13.11) | -85.81,182.12 |
| doit\_main\_results\_analyt\_dataset | direct LDL mg/dL | b\_direct\_LDL\_mg\_dl |  | 823(100) | 144.14(28.2) | 144(127,163) | 55,215 |
| doit\_main\_results\_analyt\_dataset | Change from BL direct LDL mg/dL | change\_direct\_LDL\_mg\_dl |  | 643(63) | -19.4(34.9) | -18(-44,7) | -110,75 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL direct LDL mg/dL | pc\_direct\_LDL\_mg\_dl |  | 643(63) | -11.97(24.3) | -12.87(-30.6,4.78) | -64.89,69.44 |
| doit\_main\_results\_analyt\_dataset | Baseline non HDL-C mg/dL | b\_non\_HDL\_C\_mg\_dl |  | 823(100) | 165.13(28.2) | 162(143,184) | 107,247 |
| doit\_main\_results\_analyt\_dataset | Change from BL non HDL-C mg/dL | change\_non\_HDL\_C\_mg\_dl |  | 643(63) | -22.25(35) | -22(-46,2) | -119,76 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL non HDL-C mg/dL | pc\_non\_HDL\_C\_mg\_dl |  | 643(63) | -12.59(21.2) | -13.48(-28.63,0.93) | -61.48,50 |
| doit\_main\_results\_analyt\_dataset | Calculated LDL by using Martins equation | b\_calculated\_LDL\_C |  | 823(100) | 131.82(23.3) | 129.23(114.14,148.22) | 84.07,200.93 |
| doit\_main\_results\_analyt\_dataset | Change from BL calculated LDL-C | change\_calculated\_LDL\_C |  | 643(64) | -17.57(30.7) | -17.52(-38.32,4.13) | -101.39,70.79 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL calculated LDL-C | pc\_calculated\_LDL\_C |  | 643(64) | -12.08(23.6) | -13.13(-28.91,3.09) | -61.78,64.6 |
| doit\_main\_results\_analyt\_dataset | Baseline Tri HDL enzy | b\_Tri\_HDL\_enzy |  | 823(100) | 5.43(3.1) | 4.58(3.2,6.58) | 1.56,17.82 |
| doit\_main\_results\_analyt\_dataset | Change from BL Tri HDL enzy | change\_Tri\_HDL\_enzy |  | 643(64) | -0.75(2.7) | -0.51(-1.63,0.52) | -13.45,11.99 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Tri HDL enzy | pc\_Tri\_HDL\_enzy |  | 643(64) | -6.86(39.4) | -11.42(-32.43,11.52) | -86.67,176.41 |
| doit\_main\_results\_analyt\_dataset | Baseline LDL-C | b\_LDL\_C |  | 739(90) | 126.45(24.9) | 125(110,141) | 66,189 |
| doit\_main\_results\_analyt\_dataset | Change from BL LDL-C | change\_LDL\_C |  | 356(30) | -12.62(32) | -11(-34,10) | -119,67 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL LDL-C | pc\_LDL\_C |  | 356(30) | -8.23(26) | -9.37(-27.88,9.58) | -71.26,93.94 |
| doit\_main\_results\_analyt\_dataset | Baseline LDL-P | b\_LDL\_P |  | 739(90) | 1637.61(387.1) | 1542(1346,1895) | 557,2591 |
| doit\_main\_results\_analyt\_dataset | Change from BL LDL-P | change\_LDL\_P |  | 356(30) | -222.27(419.4) | -222(-523,62) | -1263,985 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL LDL-P | pc\_LDL\_P |  | 356(30) | -12.78(26.2) | -14.73(-33.33,5.02) | -66,67.47 |
| doit\_main\_results\_analyt\_dataset | Baseline Small LDL-P | b\_Small\_LDL\_P |  | 739(90) | 876.76(423.4) | 848(549,1115.5) | 134,2108 |
| doit\_main\_results\_analyt\_dataset | Change from BL Small LDL-P | change\_Small\_LDL\_P |  | 356(30) | -116.94(345.7) | -123(-342.5,150.25) | -1365,850 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Small LDL-P | pc\_Small\_LDL\_P |  | 356(30) | -7.58(49.4) | -15.96(-41.91,20.72) | -84.11,410.06 |
| doit\_main\_results\_analyt\_dataset | Baseline LDL Size | b\_LDL\_Size |  | 739(90) | 20.57(0.7) | 20.6(20,21.1) | 19.5,22.1 |
| doit\_main\_results\_analyt\_dataset | Change from BL LDL Size | change\_LDL\_Size |  | 355(27) | -0.02(0.5) | -0.1(-0.4,0.3) | -1.2,1.6 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL LDL Size | pc\_LDL\_Size |  | 355(27) | -0.08(2.4) | -0.48(-1.9,1.5) | -5.71,7.88 |
| doit\_main\_results\_analyt\_dataset | Baseline LP IR Score | b\_LP\_IR\_Score |  | 739(90) | 73.46(16.5) | 75(65,85.5) | 27,100 |
| doit\_main\_results\_analyt\_dataset | Change from BL LP IR Score | change\_LP\_IR\_Score |  | 356(29) | -3.22(14.9) | -3(-13,6.75) | -45,38 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL LP IR Score | pc\_LP\_IR\_Score |  | 356(29) | -2.13(25.6) | -4.37(-16.26,8.86) | -65.22,109.38 |
| doit\_main\_results\_analyt\_dataset | Baseline HDL-C | b\_HDL\_C |  | 739(90) | 36.22(6.7) | 37(31,41) | 20,51 |
| doit\_main\_results\_analyt\_dataset | Change from BL HDL-C | change\_HDL\_C |  | 356(29) | 1.7(5.9) | 2(-2,5) | -21,20 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL HDL-C | pc\_HDL\_C |  | 356(29) | 5.87(17.5) | 4.65(-6.06,15.15) | -41.18,73.91 |
| doit\_main\_results\_analyt\_dataset | Baseline HDL P total | b\_HDL\_P\_total |  | 739(90) | 26.84(4.5) | 27.1(24,29.8) | 12.6,39 |
| doit\_main\_results\_analyt\_dataset | Change from BL HDL P total | change\_HDL\_P\_total |  | 356(30) | 1.53(4.6) | 1.55(-1.6,4.53) | -8.9,18.8 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL HDL P total | pc\_HDL\_P\_total |  | 356(30) | 7.3(18.7) | 5.99(-5.15,17.41) | -31.79,82.82 |
| doit\_main\_results\_analyt\_dataset | Baseline Triglycerides | b\_Triglycerides |  | 739(90) | 218.06(121.2) | 190(132,262) | 69,776 |
| doit\_main\_results\_analyt\_dataset | Change from BL Triglycerides | change\_Triglycerides |  | 356(30) | -27.32(102.6) | -22(-72,25) | -534,260 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Triglycerides | pc\_Triglycerides |  | 356(30) | -6.35(37.9) | -12.36(-30.62,14.52) | -77.16,135.63 |
| doit\_main\_results\_analyt\_dataset | Baseline Cholesterol Total | b\_Cholesterol\_Total |  | 739(90) | 202.83(28.2) | 195(182,219) | 150,282 |
| doit\_main\_results\_analyt\_dataset | Change from BL Cholesterol Total | change\_Cholesterol\_Total |  | 356(30) | -16.7(34.9) | -16(-42,11) | -130,65 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Cholesterol Total | pc\_Cholesterol\_Total |  | 356(30) | -7.59(17.5) | -8.12(-20.32,6.02) | -46.1,43.33 |
| doit\_main\_results\_analyt\_dataset | Baseline non HDL-C nmr | b\_non\_HDL\_c\_nmr |  | 739(90) | 166.61(28.1) | 160(149,184) | 114,254 |
| doit\_main\_results\_analyt\_dataset | Change from BL non HDL-C nmr | change\_non\_HDL\_c\_nmr |  | 356(30) | -18.33(34.4) | -17(-44,9) | -132,63 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL non HDL-C nmr | pc\_non\_HDL\_c\_nmr |  | 356(30) | -10.3(20.9) | -9.88(-26.21,6.05) | -59.35,39.47 |
| doit\_main\_results\_analyt\_dataset | Baseline Tri HDL NMR | b\_Tri\_HDL\_NMR |  | 739(90) | 6.56(4.7) | 5.19(3.24,7.93) | 1.53,27.71 |
| doit\_main\_results\_analyt\_dataset | Change from BL Tri HDL NMR | change\_Tri\_HDL\_NMR |  | 356(30) | -1.05(4.1) | -0.61(-2.1,0.52) | -19.65,10.97 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Tri HDL NMR | pc\_Tri\_HDL\_NMR |  | 356(30) | -7.36(44.4) | -14.43(-36.89,12.24) | -86.7,164.17 |
| doit\_main\_results\_analyt\_dataset | Baseline Ratio Sm LDL-P LDL-P | b\_Ratio\_Sm\_LDL\_P\_LDL\_P |  | 739(90) | 0.52(0.2) | 0.51(0.39,0.66) | 0.12,0.88 |
| doit\_main\_results\_analyt\_dataset | Change from BL Ratio Sm LDL-P LDL-P | change\_Ratio\_Sm\_LDL\_P\_LDL\_P |  | 356(30) | -0.01(0.2) | 0(-0.11,0.1) | -0.43,0.44 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL Ratio Sm LDL-P LDL-P | pc\_Ratio\_Sm\_LDL\_P\_LDL\_P |  | 356(30) | 5.28(41.4) | -0.6(-18.68,19.37) | -80.28,266.75 |
| doit\_main\_results\_analyt\_dataset | Baseline apo ai | b\_apo\_ai |  | 816(99) | 129.44(17.8) | 130(116.75,140) | 79,180 |
| doit\_main\_results\_analyt\_dataset | Change from BL apo ai | change\_apo\_ai |  | 412(35) | -5.96(21.6) | -7.5(-22,10) | -77,58 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL apo ai | pc\_apo\_ai |  | 412(35) | -3.45(16.8) | -5.96(-16.28,7.82) | -44.25,55.67 |
| doit\_main\_results\_analyt\_dataset | Baseline apo b | b\_apo\_b |  | 816(99) | 122.39(19.6) | 120(110,134) | 71,181 |
| doit\_main\_results\_analyt\_dataset | Change from BL apo b | change\_apo\_b |  | 412(35) | -22.88(25) | -24.5(-40,-5) | -81,43 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL apo b | pc\_apo\_b |  | 412(35) | -18.08(20.3) | -20(-34.07,-4.75) | -60,41.75 |
| doit\_main\_results\_analyt\_dataset | Baseline apo ciii | b\_apo\_ciii |  | 816(99) | 11.06(4.1) | 10.24(7.99,14.06) | 3.74,21.8 |
| doit\_main\_results\_analyt\_dataset | Change from BL apo ciii | change\_apo\_ciii |  | 412(36) | -0.59(3.3) | -0.55(-2.6,1.22) | -12.56,11.02 |
| doit\_main\_results\_analyt\_dataset | Percent change from BL apo ciii | pc\_apo\_ciii |  | 412(36) | -1.14(34.5) | -5.99(-23.01,12.34) | -68.76,245.98 |
| doit\_main\_results\_analyt\_dataset | time yrs | time\_yrs |  | 780(80) | 0.78(0.7) | 0.55(0.08,1.48) | -1.12,2.17 |
| doit\_main\_results\_analyt\_dataset | rate bmiz | ratebmiz |  | 519(63) | -0.04(0.6) | 0.03(-0.16,0.2) | -3.72,2.14 |
| doit\_main\_results\_analyt\_dataset | rate wfht | ratewfht |  | 508(61) | 0(1) | 0.01(-0.03,0.03) | -22.25,4.5 |
| doit\_main\_results\_analyt\_dataset | rate LDL C | rateLDL\_C |  | 249(30) | -15.4(46.6) | -9.53(-33.2,11.8) | -237.51,130.86 |
| doit\_main\_results\_analyt\_dataset | rate direct LDL mg/dL | ratedirect\_LDL\_mg\_dl |  | 524(63) | -95.18(259.1) | -19.44(-68.95,5.72) | -2114.61,672.06 |
| doit\_main\_results\_analyt\_dataset | rate Small LDL-P | rateSmall\_LDL\_P |  | 249(30) | -139.27(467.8) | -119.45(-323.91,119.48) | -1794.49,1515.68 |