

CONTENTS FOR RISEAdult_ClampData**The CONTENTS Procedure**

| Alphabetic List of Variables and Attributes | | | | |
|---|-----------------|------|-----|---|
| # | Variable | Type | Len | Label |
| 66 | ACPRg | Num | 8 | Clamp ACPRg, (ng/dL) |
| 64 | ACPRmax | Num | 8 | ACPRmax incremental mean (cpeptide) |
| 67 | AIRg | Num | 8 | AIRg (Insulin) |
| 65 | airmax | Num | 8 | AIRmax incremental mean (Insulin) |
| 48 | cpep002 | Num | 8 | Clamp C-peptide 2 min (ng/ml) |
| 49 | cpep004 | Num | 8 | Clamp C-peptide 4 min (ng/ml) |
| 50 | cpep006 | Num | 8 | Clamp C-peptide 6 min (ng/ml) |
| 51 | cpep008 | Num | 8 | Clamp C-peptide 8 min (ng/ml) |
| 19 | cpep010 | Num | 8 | Clamp C-peptide 10 min (ng/ml) |
| 20 | cpep030 | Num | 8 | Clamp C-peptide 30 min (ng/ml) |
| 21 | cpep060 | Num | 8 | Clamp C-peptide 60 min (ng/ml) |
| 22 | cpep090 | Num | 8 | Clamp C-peptide 90 min (ng/ml) |
| 52 | cpep100 | Num | 8 | Clamp C-peptide 100 min (ng/ml) |
| 53 | cpep110 | Num | 8 | Clamp C-peptide 110 min (ng/ml) |
| 23 | cpep120 | Num | 8 | Clamp C-peptide 120 min (ng/ml) |
| 54 | cpep155 | Num | 8 | Clamp C-peptide 155 min (ng/ml) |
| 55 | cpep159 | Num | 8 | Clamp C-peptide 159 min (ng/ml) |
| 56 | cpep162 | Num | 8 | Clamp C-peptide 162 min (ng/ml) |
| 57 | cpep163 | Num | 8 | Clamp C-peptide 163 min (ng/ml) |
| 58 | cpep164 | Num | 8 | Clamp C-peptide 164 min (ng/ml) |
| 59 | cpep165 | Num | 8 | Clamp C-peptide 165 min (ng/ml) |
| 18 | cpep_05 | Num | 8 | Clamp C-peptide -5 min (ng/ml) |
| 17 | cpep_10 | Num | 8 | Clamp C-peptide -10 min (ng/ml) |
| 63 | cpeptide_steady | Num | 8 | Clamp C-Peptide at steady state (ng/dL) |
| 60 | GIR | Num | 8 | Glucose infusion rate as mg/min (infrate*(D20gluc/100)) |
| 24 | gluc002 | Num | 8 | Clamp Glucose 2 min (mg/dl) |
| 25 | gluc004 | Num | 8 | Clamp Glucose 4 min (mg/dl) |
| 26 | gluc006 | Num | 8 | Clamp Glucose 6 min (mg/dl) |
| 27 | gluc008 | Num | 8 | Clamp Glucose 8 min (mg/dl) |
| 6 | gluc010 | Num | 8 | Clamp Glucose 10 min (mg/dl) |
| 7 | gluc030 | Num | 8 | Clamp Glucose 30 min (mg/dl) |
| 8 | gluc060 | Num | 8 | Clamp Glucose 60 min (mg/dl) |
| 9 | gluc090 | Num | 8 | Clamp Glucose 90 min (mg/dl) |

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| # | Variable | Type | Len | Label |
| 28 | gluc100 | Num | 8 | Clamp Glucose 100 min (mg/dl) |
| 29 | gluc110 | Num | 8 | Clamp Glucose 110 min (mg/dl) |
| 3 | gluc120 | Num | 8 | Clamp Glucose 120 min (mg/dl) |
| 30 | gluc155 | Num | 8 | Clamp Glucose 155 min (mg/dl) |
| 31 | gluc159 | Num | 8 | Clamp Glucose 159 min (mg/dl) |
| 32 | gluc162 | Num | 8 | Clamp Glucose 162 min (mg/dl) |
| 33 | gluc163 | Num | 8 | Clamp Glucose 163 min (mg/dl) |
| 34 | gluc164 | Num | 8 | Clamp Glucose 164 min (mg/dl) |
| 35 | gluc165 | Num | 8 | Clamp Glucose 165 min (mg/dl) |
| 5 | gluc_05 | Num | 8 | Clamp Glucose -5 min (mg/dl) |
| 4 | gluc_10 | Num | 8 | Clamp Glucose -10 min (mg/dl) |
| 68 | glucagon100 | Num | 8 | Clamp Glucagon 100 min (pM/L) |
| 69 | glucagon110 | Num | 8 | Clamp Glucagon 110 min (pM/L) |
| 78 | glucagon120 | Num | 8 | Clamp Glucagon 120 min (pM/L) |
| 70 | glucagon155 | Num | 8 | Clamp Glucagon 155 min (pM/L) |
| 71 | glucagon159 | Num | 8 | Clamp Glucagon 159 min (pM/L) |
| 72 | glucagon162 | Num | 8 | Clamp Glucagon 162 min (pM/L) |
| 73 | glucagon163 | Num | 8 | Clamp Glucagon 163 min (pM/L) |
| 74 | glucagon164 | Num | 8 | Clamp Glucagon 164 min (pM/L) |
| 75 | glucagon165 | Num | 8 | Clamp Glucagon 165 min (pM/L) |
| 77 | glucagon_05 | Num | 8 | Clamp Glucagon -5 min (pM/L) |
| 76 | glucagon_10 | Num | 8 | Clamp Glucagon -10 min (pM/L) |
| 36 | ins002 | Num | 8 | Clamp Insulin 2 min (uU/ml) |
| 37 | ins004 | Num | 8 | Clamp Insulin 4 min (uU/ml) |
| 38 | ins006 | Num | 8 | Clamp Insulin 6 min (uU/ml) |
| 39 | ins008 | Num | 8 | Clamp Insulin 8 min (uU/ml) |
| 12 | ins010 | Num | 8 | Clamp Insulin 10 min (uU/ml) |
| 13 | ins030 | Num | 8 | Clamp Insulin 30 min (uU/ml) |
| 14 | ins060 | Num | 8 | Clamp Insulin 60 min (uU/ml) |
| 15 | ins090 | Num | 8 | Clamp Insulin 90 min (uU/ml) |
| 40 | ins100 | Num | 8 | Clamp Insulin 100 min (uU/ml) |
| 41 | ins110 | Num | 8 | Clamp Insulin 110 min (uU/ml) |
| 16 | ins120 | Num | 8 | Clamp Insulin 120 min (uU/ml) |

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| Alphabetic List of Variables and Attributes | | | | |
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| # | Variable | Type | Len | Label |
| 42 | ins155 | Num | 8 | Clamp Insulin 155 min (uU/ml) |
| 43 | ins159 | Num | 8 | Clamp Insulin 159 min (uU/ml) |
| 44 | ins162 | Num | 8 | Clamp Insulin 162 min (uU/ml) |
| 45 | ins163 | Num | 8 | Clamp Insulin 163 min (uU/ml) |
| 46 | ins164 | Num | 8 | Clamp Insulin 164 min (uU/ml) |
| 47 | ins165 | Num | 8 | Clamp Insulin 165 min (uU/ml) |
| 11 | ins_05 | Num | 8 | Clamp Insulin -5 min (uU/ml) |
| 10 | ins_10 | Num | 8 | Clamp Insulin -10 min (uU/ml) |
| 61 | insulin_steady | Num | 8 | SS insulin (uU/ml) |
| 62 | M_I | Num | 8 | M/I * 1000 (mg/kg/min/pg/L) |
| 1 | RISE_REPOSITORY_ID | Char | 9 | RISE Repository ID |
| 2 | VISIT | Char | 3 | Study Visit |