Supplementary Table 2: Spearman correlations and p-values between abdominal fat depots, sedentary behaviors, and physical activity at CARDIA year 25 (2010-2011), N=3010

|  | **Fat Depots & BMI** | | | |  | **Sedentary Behaviors** | | | | | | | **Physical Activity** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fat Depots & BMI** | VAT | SAT | IMATa | LA | BMI | Total | TV | Comp | Paper | Music | Phone | Car | Total | Mod |
| SAT | 0.469  <.001 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IMATa | 0.994  <.001 | 0.497  <.001 |  |  |  |  |  |  |  |  |  |  |  |  |
| LA | -0.505  <.001 | -0.277  <.001 | -0.522  <.001 |  |  |  |  |  |  |  |  |  |  |  |
| BMI | 0.629  <.001 | 0.865  <.001 | 0.647  <.001 | -0.420  <.001 |  |  |  |  |  |  |  |  |  |  |
| **Sedentary Behaviors** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 0.094  <.001 | 0.229  <.001 | 0.095  <.001 | -0.074  <.001 | 0.234  <.001 |  |  |  |  |  |  |  |  |  |
| TV | 0.144  <.001 | 0.215  <.001 | 0.147  <.001 | -0.094  <.001 | 0.237  <.001 | 0.633  <.001 |  |  |  |  |  |  |  |  |
| Comp | 0.074  <.001 | 0.075  <.001 | 0.073  <.001 | -0.072  <.001 | 0.090  <.001 | 0.459  <.001 | 0.066  <.001 |  |  |  |  |  |  |  |
| Paper | 0.012  0.509 | 0.080  <.001 | 0.011  0.537 | -0.022  0.235 | 0.073  <.001 | 0.448  <.001 | 0.075  <.001 | 0.382  <.001 |  |  |  |  |  |  |
| Music | -0.030  0.099 | 0.093  <.001 | -0.026  0.154 | -0.010  0.589 | 0.044  0.016 | 0461  <.001 | 0.127  <.001 | 0.112  <.001 | 0.236  <.001 |  |  |  |  |  |
| Phone | -0.018  0.325 | 0.149  <.001 | -0.019  0.300 | 0.021  0.257 | 0.129  <.001 | 0.522  <.001 | 0.215  <.001 | 0.175  <.001 | 0.310  <.001 | 0.272  <.001 |  |  |  |  |
| Car | 0.037  0.040 | 0.077  <.001 | 0.035  0.054 | -0.030  0.101 | 0.092  <.001 | 0.453  <.001 | 0.114  <.001 | 0.112  <.001 | 0.199  <.001 | 0.109  <.001 | 0.269  <.001 |  |  |  |
| **Physical Activity** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | -0.140  <.001 | -0.304  <.001 | -0.143  <.001 | 0.033  0.075 | -0.242  <.001 | -0.148  <.001 | -0.176  <.001 | -0.015  0.424 | 0.022  0.237 | -0.012  0.518 | -0.098  <.001 | -0.033  0.072 |  |  |
| Mod | -0.061  <.001 | -0.191  <.001 | -0.059  0.001 | -0.018  0.339 | -0.163  <.001 | -0.120  <.001 | -0.126  <.001 | -0.022  0.224 | 0.015  0.411 | 0.030  0.102 | -0.116  <.001 | -0.034  0.063 | 0.734  <.001 |  |
| Heavy | -0.143  <.001 | -0.301  <.001 | -0.148  <.001 | 0.052  0.005 | -0.231  <.001 | -0.128  <.001 | -0.167  <.001 | -0.001  0.962 | 0.032  0.082 | -0.032  0.083 | -0.056  0.002 | -0.019  0.295 | 0.904  <.001 | 0.416  <.001 |

Abbreviations: VAT = visceral adipose tissue, SAT = subcutaneous adipose tissue, IMAT = intermuscular adipose tissue, LA = liver attenuation, BMI = body mass index, Comp = computer, Paper = paperwork, Mod = Moderate; aSample size for liver attenuation = 2,917