**Supplemental Material 2**

**Table S2**: Coefficients of 25% and 75% quantile regression of image-derived features separated by sex. The coefficients for the linear age term and the height term were 0 in all regression models and were thus omitted in this table. Li = liver, Pc = pancreas, Sp = spleen, Kd l = left kidney, Kd r = right kidney, Kd l AT = left kidney hilum adipose tissue, Kd r AT = right kidney hilum adipose tissue. PDFF = proton density fat fraction, interc. = intercept.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **25 % quantile regression** | | | | | | |  |  |
| **female** |  |  |  |  | **male** |  |  |  |
|  | **interc. [%]** | **age2 [%/y2]** | **weight [%/kg]** | | | **interc. [%]** | **age2 [%/y2]** | **weight [%/kg]** |
| **Li PDFF [%]** | 2,60E-03 | 1,90E-06 | 8,60E-05 |  | **Li PDFF [%]** | 1,70E-03 | 2,20E-06 | 1,30E-04 |
| **Pc PDFF [%]** | 2,00E-02 | 5,30E-06 | 4,30E-04 |  | **Pc PDFF [%]** | 8,60E-03 | 1,30E-05 | 4,80E-04 |
|  | **interc. [ml]** | **age2 [ml/y2]** | **weight [ml/kg]** | | | **interc. [ml]** | **age2 [ml/y2]** | **weight [ml/kg]** |
| **Li vol [ml]** | 7,00E+02 | -2,30E-02 | 9,20E+00 |  | **Li vol [ml]** | 7,40E+02 | -3,70E-02 | 1,10E+01 |
| **Sp vol [ml]** | 9,20E+01 | -9,50E-03 | 7,30E-01 |  | **Sp vol [ml]** | 1,20E+02 | -1,20E-02 | 9,40E-01 |
| **Kd l vol [ml]** | 1,20E+02 | -4,70E-03 | 2,30E-01 |  | **Kd l vol [ml]** | 1,00E+02 | -3,60E-03 | 6,80E-01 |
| **Kd r vol [ml]** | 1,10E+02 | -4,40E-03 | 2,70E-01 |  | **Kd r vol [ml]** | 1,00E+02 | -3,30E-03 | 6,40E-01 |
| **Pc vol [ml]** | 8,20E+01 | -4,10E-03 | 6,40E-02 |  | **Pc vol [ml]** | 7,30E+01 | -2,30E-03 | 2,60E-01 |
| **Kd l AT vol [ml]** | -2,30E+00 | 1,50E-03 | 5,50E-02 |  | **Kd l AT vol [ml]** | -2,90E+00 | 1,90E-03 | 9,10E-02 |
| **Kd r AT vol [ml]** | -4,40E+00 | 1,20E-03 | 4,30E-02 |  | **Kd r AT vol [ml]** | -8,40E+00 | 2,40E-03 | 1,00E-01 |
|  |  |  |  |  |  |  |  |  |
| **75 % quantile regression** | | | | | | |  |  |
| **female** |  |  |  |  | **male** |  |  |  |
|  | **interc. [%]** | **age2 [%/y2]** | **weight [%/kg]** | | | **interc. [%]** | **age2 [%/y2]** | **weight [%/kg]** |
| **Li PDFF [%]** | -2,30E-02 | 4,70E-06 | 5,60E-04 |  | **Li PDFF [%]** | -4,70E-02 | 4,70E-06 | 9,30E-04 |
| **Pc PDFF [%]** | -1,20E-02 | 2,10E-05 | 9,90E-04 |  | **Pc PDFF [%]** | -1,30E-02 | 2,80E-05 | 1,00E-03 |
|  | **interc. [ml]** | **age2 [ml/y2]** | **weight [ml/kg]** | | | **interc. [ml]** | **age2 [ml/y2]** | **weight [ml/kg]** |
| **Li vol [ml]** | 6,90E+02 | -1,90E-02 | 1,20E+01 |  | **Li vol [ml]** | 7,30E+02 | -4,20E-02 | 1,40E+01 |
| **Sp vol [ml]** | 1,20E+02 | -1,10E-02 | 1,30E+00 |  | **Sp vol [ml]** | 1,80E+02 | -1,40E-02 | 1,30E+00 |
| **Kd l vol [ml]** | 1,40E+02 | -5,40E-03 | 4,20E-01 |  | **Kd l vol [ml]** | 1,20E+02 | -3,80E-03 | 8,90E-01 |
| **Kd r vol [ml]** | 1,30E+02 | -5,20E-03 | 4,50E-01 |  | **Kd r vol [ml]** | 1,20E+02 | -3,20E-03 | 8,80E-01 |
| **Pc vol [ml]** | 9,70E+01 | -3,40E-03 | 1,30E-01 |  | **Pc vol [ml]** | 8,20E+01 | -2,10E-03 | 4,30E-01 |
| **Kd l AT vol [ml]** | -1,70E+00 | 2,20E-03 | 1,10E-01 |  | **Kd l AT vol [ml]** | 1,70E-01 | 2,30E-03 | 1,40E-01 |
| **Kd r AT vol [ml]** | -6,90E+00 | 2,40E-03 | 1,10E-01 |  | **Kd r AT vol [ml]** | -8,40E+00 | 3,10E-03 | 1,80E-01 |