

Supplemental table 3. Results of sensitivity analysis of MR

| NO. | UKB ID | IDP short name | Category name | outcome | method | nsnp | OR | CI95L | CI95U | pval |
|-----|--------|--|---------------|------------------|-----------------|------|------|-------|-------|----------|
| 661 | 26734 | aparc-Desikan_lh_area_medialorbitofrontal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.53 | 0.36 | 0.78 | 1.10E-03 |
| 661 | 26734 | aparc-Desikan_lh_area_medialorbitofrontal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 0.87 | 0.63 | 1.20 | 3.91E-01 |
| 661 | 26734 | aparc-Desikan_lh_area_medialorbitofrontal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.64 | 0.32 | 1.25 | 1.92E-01 |
| 661 | 26734 | aparc-Desikan_lh_area_medialorbitofrontal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.61 | 0.56 | 0.66 | 1.45E-34 |
| 661 | 26734 | aparc-Desikan_lh_area_medialorbitofrontal | Desikan Atlas | Total body BMD | Wald ratio | 1 | 0.38 | 0.30 | 0.49 | 6.38E-14 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Lumbar spine BMD | IVW | 15 | 1.70 | 1.42 | 2.04 | 1.08E-08 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Lumbar spine BMD | MR Egger | 15 | 1.64 | 0.94 | 2.85 | 1.01E-01 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Lumbar spine BMD | Simple mode | 15 | 1.77 | 1.36 | 2.30 | 5.83E-04 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Lumbar spine BMD | Weighted median | 15 | 1.65 | 1.46 | 1.87 | 5.15E-15 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Lumbar spine BMD | Weighted mode | 15 | 1.64 | 1.45 | 1.86 | 9.18E-07 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Femoral neck BMD | IVW | 15 | 1.51 | 1.30 | 1.75 | 4.08E-08 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Femoral neck BMD | MR Egger | 15 | 1.47 | 0.94 | 2.32 | 1.13E-01 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Femoral neck BMD | Simple mode | 15 | 1.70 | 1.31 | 2.19 | 8.91E-04 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Femoral neck BMD | Weighted median | 15 | 1.50 | 1.35 | 1.67 | 1.07E-13 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Femoral neck BMD | Weighted mode | 15 | 1.53 | 1.33 | 1.76 | 2.01E-05 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Forearm BMD | IVW | 15 | 1.97 | 1.56 | 2.48 | 7.98E-09 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Forearm BMD | MR Egger | 15 | 3.95 | 2.17 | 7.19 | 4.19E-04 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Forearm BMD | Simple mode | 15 | 1.40 | 0.92 | 2.11 | 1.33E-01 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Forearm BMD | Weighted median | 15 | 1.56 | 1.24 | 1.96 | 1.56E-04 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Forearm BMD | Weighted mode | 15 | 1.38 | 0.84 | 2.28 | 2.27E-01 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Heel BMD | IVW | 15 | 2.01 | 1.62 | 2.50 | 3.04E-10 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Heel BMD | MR Egger | 15 | 3.08 | 1.79 | 5.31 | 1.03E-03 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Heel BMD | Simple mode | 15 | 1.76 | 1.42 | 2.17 | 7.99E-05 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Heel BMD | Weighted median | 15 | 1.35 | 1.27 | 1.44 | 1.72E-20 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Heel BMD | Weighted mode | 15 | 1.33 | 1.26 | 1.41 | 1.76E-08 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Total body BMD | IVW | 17 | 2.29 | 1.98 | 2.66 | 4.49E-28 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Total body BMD | MR Egger | 17 | 2.97 | 2.04 | 4.32 | 2.65E-05 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Total body BMD | Simple mode | 17 | 2.45 | 1.93 | 3.11 | 7.10E-07 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Total body BMD | Weighted median | 17 | 2.17 | 1.89 | 2.48 | 2.54E-29 |
| 187 | 26536 | aseg_global_volume-ratio_BrainSegVol-to-eTIV | aseg:global | Total body BMD | Weighted mode | 17 | 2.36 | 1.98 | 2.80 | 1.25E-08 |

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|------|-------|--|---------------------------|------------------|------------|---|------|------|------|----------|
| 36 | 25792 | IDP_T1_FAST_ROIs_L_inf_front_gyrus_parsop | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 1.75 | 1.22 | 2.53 | 1.92E-03 |
| 36 | 25792 | IDP_T1_FAST_ROIs_L_inf_front_gyrus_parsop | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.96 | 1.43 | 2.70 | 2.33E-05 |
| 36 | 25792 | IDP_T1_FAST_ROIs_L_inf_front_gyrus_parsop | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 1.79 | 0.93 | 3.43 | 8.03E-02 |
| 36 | 25792 | IDP_T1_FAST_ROIs_L_inf_front_gyrus_parsop | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.52 | 1.39 | 1.65 | 6.53E-23 |
| 36 | 25792 | IDP_T1_FAST_ROIs_L_inf_front_gyrus_parsop | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.69 | 1.33 | 2.16 | 2.57E-05 |
| 356 | 26801 | aparc-Desikan_lh_volume_medialorbitofrontal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.85 | 1.26 | 2.72 | 2.11E-03 |
| 356 | 26801 | aparc-Desikan_lh_volume_medialorbitofrontal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.45 | 1.04 | 2.03 | 2.97E-02 |
| 356 | 26801 | aparc-Desikan_lh_volume_medialorbitofrontal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.00 | 0.50 | 2.00 | 9.96E-01 |
| 356 | 26801 | aparc-Desikan_lh_volume_medialorbitofrontal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.59 | 1.47 | 1.72 | 3.36E-28 |
| 356 | 26801 | aparc-Desikan_lh_volume_medialorbitofrontal | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.52 | 1.17 | 1.97 | 1.61E-03 |
| 1033 | 26768 | aparc-Desikan_lh_thickness_medialorbitofrontal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.43 | 0.26 | 0.69 | 5.36E-04 |
| 1033 | 26768 | aparc-Desikan_lh_thickness_medialorbitofrontal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 0.67 | 0.46 | 0.97 | 3.65E-02 |
| 1033 | 26768 | aparc-Desikan_lh_thickness_medialorbitofrontal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.67 | 0.22 | 2.05 | 4.87E-01 |
| 1033 | 26768 | aparc-Desikan_lh_thickness_medialorbitofrontal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.66 | 0.61 | 0.71 | 2.01E-25 |
| 1033 | 26768 | aparc-Desikan_lh_thickness_medialorbitofrontal | Desikan Atlas | Total body BMD | Wald ratio | 1 | 0.76 | 0.57 | 1.03 | 7.67E-02 |
| 1038 | 26773 | aparc-Desikan_lh_thickness_parsorbitalis | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.39 | 0.23 | 0.67 | 6.53E-04 |
| 1038 | 26773 | aparc-Desikan_lh_thickness_parsorbitalis | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 0.68 | 0.43 | 1.10 | 1.20E-01 |
| 1038 | 26773 | aparc-Desikan_lh_thickness_parsorbitalis | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.61 | 0.18 | 2.09 | 4.32E-01 |
| 1038 | 26773 | aparc-Desikan_lh_thickness_parsorbitalis | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.64 | 0.58 | 0.69 | 7.20E-26 |
| 1038 | 26773 | aparc-Desikan_lh_thickness_parsorbitalis | Desikan Atlas | Total body BMD | Wald ratio | 1 | 0.59 | 0.41 | 0.85 | 4.19E-03 |
| 656 | 26729 | aparc-Desikan_lh_area_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 2.08 | 1.26 | 3.44 | 4.05E-03 |
| 656 | 26729 | aparc-Desikan_lh_area_inferiortemporal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.39 | 0.93 | 2.08 | 1.16E-01 |
| 656 | 26729 | aparc-Desikan_lh_area_inferiortemporal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.30 | 0.39 | 4.35 | 6.75E-01 |
| 656 | 26729 | aparc-Desikan_lh_area_inferiortemporal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.54 | 1.42 | 1.66 | 7.69E-26 |
| 656 | 26729 | aparc-Desikan_lh_area_inferiortemporal | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.43 | 1.06 | 1.93 | 2.28E-02 |
| 816 | 27149 | aparc-DKTatlas_lh_area_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 2.44 | 1.52 | 3.92 | 2.90E-04 |
| 816 | 27149 | aparc-DKTatlas_lh_area_inferiortemporal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.47 | 1.01 | 2.15 | 4.90E-02 |
| 816 | 27149 | aparc-DKTatlas_lh_area_inferiortemporal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.72 | 0.53 | 5.56 | 3.61E-01 |

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|------|-------|--|-----------------|------------------|------------|---|------|------|------|----------|
| 816 | 27149 | aparc-DKTatlas_lh_area_inferiortemporal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.52 | 1.40 | 1.63 | 7.41E-26 |
| 1183 | 27408 | aparc-a2009s_lh_thickness_G+S-cingul-Ant | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.52 | 0.35 | 0.75 | 5.36E-04 |
| 1183 | 27408 | aparc-a2009s_lh_thickness_G+S-cingul-Ant | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.73 | 0.54 | 0.98 | 3.65E-02 |
| 1183 | 27408 | aparc-a2009s_lh_thickness_G+S-cingul-Ant | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.74 | 0.31 | 1.75 | 4.87E-01 |
| 1183 | 27408 | aparc-a2009s_lh_thickness_G+S-cingul-Ant | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.72 | 0.68 | 0.77 | 9.89E-26 |
| 1183 | 27408 | aparc-a2009s_lh_thickness_G+S-cingul-Ant | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.81 | 0.65 | 1.02 | 7.67E-02 |
| 1324 | 27697 | aparc-a2009s_rh_thickness_S-temporal-sup | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.54 | 0.37 | 0.80 | 1.75E-03 |
| 1324 | 27697 | aparc-a2009s_rh_thickness_S-temporal-sup | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.81 | 0.57 | 1.16 | 2.59E-01 |
| 1324 | 27697 | aparc-a2009s_rh_thickness_S-temporal-sup | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.68 | 0.32 | 1.41 | 2.95E-01 |
| 1324 | 27697 | aparc-a2009s_rh_thickness_S-temporal-sup | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.72 | 0.68 | 0.76 | 8.38E-26 |
| 1324 | 27697 | aparc-a2009s_rh_thickness_S-temporal-sup | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.81 | 0.54 | 1.21 | 2.95E-01 |
| 1237 | 27462 | aparc-a2009s_lh_thickness_S-oc-temp-lat | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.54 | 0.39 | 0.74 | 1.74E-04 |
| 1237 | 27462 | aparc-a2009s_lh_thickness_S-oc-temp-lat | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.78 | 0.60 | 1.02 | 7.04E-02 |
| 1237 | 27462 | aparc-a2009s_lh_thickness_S-oc-temp-lat | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.80 | 0.43 | 1.50 | 4.83E-01 |
| 1237 | 27462 | aparc-a2009s_lh_thickness_S-oc-temp-lat | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.72 | 0.67 | 0.77 | 3.74E-25 |
| 1237 | 27462 | aparc-a2009s_lh_thickness_S-oc-temp-lat | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.75 | 0.60 | 0.94 | 1.07E-02 |
| 1249 | 27474 | aparc-a2009s_lh_thickness_S-temporal-inf | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.47 | 0.32 | 0.70 | 1.74E-04 |
| 1249 | 27474 | aparc-a2009s_lh_thickness_S-temporal-inf | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.74 | 0.53 | 1.03 | 7.04E-02 |
| 1249 | 27474 | aparc-a2009s_lh_thickness_S-temporal-inf | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.76 | 0.35 | 1.63 | 4.83E-01 |
| 1249 | 27474 | aparc-a2009s_lh_thickness_S-temporal-inf | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.67 | 0.62 | 0.72 | 3.74E-25 |
| 1249 | 27474 | aparc-a2009s_lh_thickness_S-temporal-inf | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.70 | 0.54 | 0.92 | 1.07E-02 |
| 469 | 27298 | aparc-DKTatlas_rh_volume_caudalanteriorcingulate | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.65 | 0.45 | 0.94 | 2.03E-02 |
| 469 | 27298 | aparc-DKTatlas_rh_volume_caudalanteriorcingulate | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 0.87 | 0.63 | 1.19 | 3.81E-01 |
| 469 | 27298 | aparc-DKTatlas_rh_volume_caudalanteriorcingulate | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.88 | 0.46 | 1.70 | 7.10E-01 |
| 469 | 27298 | aparc-DKTatlas_rh_volume_caudalanteriorcingulate | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.67 | 0.62 | 0.72 | 1.11E-24 |
| 469 | 27298 | aparc-DKTatlas_rh_volume_caudalanteriorcingulate | Desikan Atlas | Total body BMD | Wald ratio | 1 | 0.66 | 0.52 | 0.84 | 7.56E-04 |
| 1247 | 27472 | aparc-a2009s_lh_thickness_S-suborbital | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.58 | 0.36 | 0.93 | 2.35E-02 |
| 1247 | 27472 | aparc-a2009s_lh_thickness_S-suborbital | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.83 | 0.55 | 1.26 | 4.02E-01 |
| 1247 | 27472 | aparc-a2009s_lh_thickness_S-suborbital | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.66 | 0.23 | 1.88 | 4.35E-01 |
| 1247 | 27472 | aparc-a2009s_lh_thickness_S-suborbital | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.68 | 0.63 | 0.73 | 5.33E-24 |
| 1247 | 27472 | aparc-a2009s_lh_thickness_S-suborbital | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.76 | 0.57 | 1.03 | 7.56E-02 |
| 1013 | 27618 | aparc-a2009s_rh_area_S-precentral-inf-part | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 2.63 | 1.59 | 4.36 | 2.29E-04 |
| 1013 | 27618 | aparc-a2009s_rh_area_S-precentral-inf-part | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.43 | 0.94 | 2.17 | 9.36E-02 |

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|------|-------|--|-----------------|------------------|------------|---|------|------|------|----------|
| 1013 | 27618 | aparc-a2009s_rh_area_S-precentral-inf-part | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.33 | 0.44 | 4.00 | 6.03E-01 |
| 1013 | 27618 | aparc-a2009s_rh_area_S-precentral-inf-part | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.45 | 1.34 | 1.57 | 8.42E-19 |
| 1013 | 27618 | aparc-a2009s_rh_area_S-precentral-inf-part | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.37 | 1.01 | 1.85 | 4.27E-02 |
| 1190 | 27415 | aparc-a2009s_lh_thickness_G-front-inf-Orbital | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.10 | 0.76 | 1.59 | 6.32E-01 |
| 1190 | 27415 | aparc-a2009s_lh_thickness_G-front-inf-Orbital | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.91 | 0.64 | 1.28 | 5.90E-01 |
| 1190 | 27415 | aparc-a2009s_lh_thickness_G-front-inf-Orbital | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.67 | 0.87 | 3.21 | 1.23E-01 |
| 1190 | 27415 | aparc-a2009s_lh_thickness_G-front-inf-Orbital | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.39 | 1.29 | 1.50 | 2.33E-17 |
| 1190 | 27415 | aparc-a2009s_lh_thickness_G-front-inf-Orbital | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.10 | 0.87 | 1.39 | 4.66E-01 |
| 1241 | 27466 | aparc-a2009s_lh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | IVW | 2 | 0.66 | 0.41 | 1.08 | 9.74E-02 |
| 1241 | 27466 | aparc-a2009s_lh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | IVW | 2 | 0.92 | 0.64 | 1.31 | 6.27E-01 |
| 1241 | 27466 | aparc-a2009s_lh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | IVW | 2 | 0.80 | 0.48 | 1.33 | 3.87E-01 |
| 1241 | 27466 | aparc-a2009s_lh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | IVW | 2 | 0.75 | 0.70 | 0.80 | 3.78E-17 |
| 1241 | 27466 | aparc-a2009s_lh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | IVW | 2 | 0.93 | 0.57 | 1.50 | 7.49E-01 |
| 1315 | 27688 | aparc-a2009s_rh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.93 | 0.61 | 1.41 | 7.08E-01 |
| 1315 | 27688 | aparc-a2009s_rh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.11 | 0.76 | 1.62 | 5.82E-01 |
| 1315 | 27688 | aparc-a2009s_rh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.72 | 0.37 | 1.41 | 3.42E-01 |
| 1315 | 27688 | aparc-a2009s_rh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.76 | 0.71 | 0.82 | 3.12E-12 |
| 1315 | 27688 | aparc-a2009s_rh_thickness_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.18 | 0.92 | 1.50 | 1.82E-01 |
| 604 | 27729 | aparc-a2009s_rh_volume_G-rectus | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.86 | 0.56 | 1.32 | 4.82E-01 |
| 604 | 27729 | aparc-a2009s_rh_volume_G-rectus | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.05 | 0.74 | 1.50 | 7.94E-01 |
| 604 | 27729 | aparc-a2009s_rh_volume_G-rectus | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.78 | 0.35 | 1.74 | 5.51E-01 |
| 604 | 27729 | aparc-a2009s_rh_volume_G-rectus | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.32 | 1.22 | 1.42 | 6.52E-12 |
| 604 | 27729 | aparc-a2009s_rh_volume_G-rectus | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.41 | 1.09 | 1.82 | 9.49E-03 |
| 707 | 26847 | aparc-Desikan_rh_area_rostralanteriorcingulate | Desikan Atlas | Lumbar spine BMD | IVW | 2 | 1.10 | 0.72 | 1.67 | 6.75E-01 |
| 707 | 26847 | aparc-Desikan_rh_area_rostralanteriorcingulate | Desikan Atlas | Femoral neck BMD | IVW | 2 | 1.12 | 0.90 | 1.40 | 3.17E-01 |
| 707 | 26847 | aparc-Desikan_rh_area_rostralanteriorcingulate | Desikan Atlas | Forearm BMD | IVW | 2 | 1.00 | 0.57 | 1.75 | 9.97E-01 |
| 707 | 26847 | aparc-Desikan_rh_area_rostralanteriorcingulate | Desikan Atlas | Heel BMD | IVW | 2 | 1.18 | 1.12 | 1.23 | 4.56E-10 |
| 707 | 26847 | aparc-Desikan_rh_area_rostralanteriorcingulate | Desikan Atlas | Total body BMD | IVW | 2 | 1.15 | 0.90 | 1.46 | 2.43E-01 |
| 810 | 27143 | aparc-DKTatlas_lh_area_caudalanteriorcingulate | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.49 | 1.11 | 2.01 | 6.80E-03 |
| 810 | 27143 | aparc-DKTatlas_lh_area_caudalanteriorcingulate | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.64 | 1.27 | 2.11 | 1.25E-04 |
| 810 | 27143 | aparc-DKTatlas_lh_area_caudalanteriorcingulate | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.72 | 1.02 | 2.93 | 4.08E-02 |
| 810 | 27143 | aparc-DKTatlas_lh_area_caudalanteriorcingulate | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.22 | 1.15 | 1.30 | 4.51E-10 |
| 810 | 27143 | aparc-DKTatlas_lh_area_caudalanteriorcingulate | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.54 | 1.27 | 1.86 | 1.30E-05 |

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|-----|-------|---|---------------------------|------------------|------------|---|------|------|------|----------|
| 390 | 26903 | aparc-Desikan_rh_volume_middletemporal | Desikan Atlas | Lumbar spine BMD | IVW | 2 | 0.83 | 0.55 | 1.25 | 3.87E-01 |
| 390 | 26903 | aparc-Desikan_rh_volume_middletemporal | Desikan Atlas | Femoral neck BMD | IVW | 2 | 0.89 | 0.58 | 1.37 | 6.06E-01 |
| 390 | 26903 | aparc-Desikan_rh_volume_middletemporal | Desikan Atlas | Forearm BMD | IVW | 2 | 0.79 | 0.27 | 2.33 | 6.79E-01 |
| 390 | 26903 | aparc-Desikan_rh_volume_middletemporal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.28 | 1.19 | 1.38 | 5.03E-10 |
| 390 | 26903 | aparc-Desikan_rh_volume_middletemporal | Desikan Atlas | Total body BMD | IVW | 2 | 0.96 | 0.77 | 1.20 | 7.32E-01 |
| 48 | 25804 | IDP_T1_FAST_ROIs_L_mid_temp_gyrus_post | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 1.03 | 0.70 | 1.53 | 8.63E-01 |
| 48 | 25804 | IDP_T1_FAST_ROIs_L_mid_temp_gyrus_post | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.12 | 0.80 | 1.58 | 5.03E-01 |
| 48 | 25804 | IDP_T1_FAST_ROIs_L_mid_temp_gyrus_post | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 1.43 | 0.71 | 2.86 | 3.11E-01 |
| 48 | 25804 | IDP_T1_FAST_ROIs_L_mid_temp_gyrus_post | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.30 | 1.20 | 1.40 | 5.03E-10 |
| 48 | 25804 | IDP_T1_FAST_ROIs_L_mid_temp_gyrus_post | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.09 | 0.83 | 1.42 | 5.26E-01 |
| 70 | 25826 | IDP_T1_FAST_ROIs_L_latocc_cortex_inf | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 1.03 | 0.73 | 1.45 | 8.63E-01 |
| 70 | 25826 | IDP_T1_FAST_ROIs_L_latocc_cortex_inf | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.11 | 0.83 | 1.49 | 5.03E-01 |
| 70 | 25826 | IDP_T1_FAST_ROIs_L_latocc_cortex_inf | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 1.37 | 0.76 | 2.47 | 3.11E-01 |
| 70 | 25826 | IDP_T1_FAST_ROIs_L_latocc_cortex_inf | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.25 | 1.17 | 1.34 | 5.03E-10 |
| 70 | 25826 | IDP_T1_FAST_ROIs_L_latocc_cortex_inf | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.08 | 0.86 | 1.35 | 5.26E-01 |
| 506 | 27483 | aparc-a2009s_lh_volume_G+S-cingul-Mid-Ant | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.61 | 1.14 | 2.28 | 6.80E-03 |
| 506 | 27483 | aparc-a2009s_lh_volume_G+S-cingul-Mid-Ant | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.79 | 1.32 | 2.42 | 1.25E-04 |
| 506 | 27483 | aparc-a2009s_lh_volume_G+S-cingul-Mid-Ant | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.92 | 1.03 | 3.58 | 4.08E-02 |
| 506 | 27483 | aparc-a2009s_lh_volume_G+S-cingul-Mid-Ant | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.27 | 1.17 | 1.37 | 4.51E-10 |
| 506 | 27483 | aparc-a2009s_lh_volume_G+S-cingul-Mid-Ant | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.67 | 1.32 | 2.10 | 1.30E-05 |
| 51 | 25807 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_tempocc | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 1.09 | 0.72 | 1.63 | 6.76E-01 |
| 51 | 25807 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_tempocc | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.09 | 0.77 | 1.54 | 6.62E-01 |

| | | | regions | | | | | | | |
|------|-------|---|---------------------------|------------------|------------|---|------|------|------|----------|
| 51 | 25807 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_tempocc | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 1.35 | 0.66 | 2.79 | 4.18E-01 |
| 51 | 25807 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_tempocc | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.30 | 1.19 | 1.41 | 1.69E-09 |
| 51 | 25807 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_tempocc | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.09 | 0.82 | 1.43 | 5.72E-01 |
| 505 | 27482 | aparc-a2009s_lh_volume_G+S-cingul-Ant | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.45 | 0.80 | 2.62 | 2.15E-01 |
| 505 | 27482 | aparc-a2009s_lh_volume_G+S-cingul-Ant | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.85 | 1.06 | 3.22 | 2.83E-02 |
| 505 | 27482 | aparc-a2009s_lh_volume_G+S-cingul-Ant | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 2.33 | 0.82 | 6.63 | 1.13E-01 |
| 505 | 27482 | aparc-a2009s_lh_volume_G+S-cingul-Ant | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.30 | 1.19 | 1.41 | 4.51E-10 |
| 505 | 27482 | aparc-a2009s_lh_volume_G+S-cingul-Ant | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.72 | 1.32 | 2.25 | 5.25E-05 |
| 586 | 27711 | aparc-a2009s_rh_volume_G-front-inf-Orbital | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.12 | 0.76 | 1.67 | 5.54E-01 |
| 586 | 27711 | aparc-a2009s_rh_volume_G-front-inf-Orbital | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.32 | 0.94 | 1.84 | 1.07E-01 |
| 586 | 27711 | aparc-a2009s_rh_volume_G-front-inf-Orbital | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 2.50 | 1.23 | 5.06 | 1.26E-02 |
| 586 | 27711 | aparc-a2009s_rh_volume_G-front-inf-Orbital | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.79 | 0.73 | 0.86 | 9.21E-09 |
| 586 | 27711 | aparc-a2009s_rh_volume_G-front-inf-Orbital | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.10 | 0.85 | 1.42 | 4.60E-01 |
| 1185 | 27410 | aparc-a2009s_lh_thickness_G+S-cingul-Mid-Post | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.02 | 0.67 | 1.56 | 9.17E-01 |
| 1185 | 27410 | aparc-a2009s_lh_thickness_G+S-cingul-Mid-Post | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.94 | 0.63 | 1.40 | 7.90E-01 |
| 1185 | 27410 | aparc-a2009s_lh_thickness_G+S-cingul-Mid-Post | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.97 | 0.48 | 1.95 | 9.44E-01 |
| 1185 | 27410 | aparc-a2009s_lh_thickness_G+S-cingul-Mid-Post | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.79 | 0.73 | 0.86 | 2.54E-08 |
| 1185 | 27410 | aparc-a2009s_lh_thickness_G+S-cingul-Mid-Post | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.05 | 0.81 | 1.36 | 6.83E-01 |
| 933 | 27390 | aparc-a2009s_lh_area_S-orbital-lateral | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.09 | 0.81 | 1.45 | 5.79E-01 |
| 933 | 27390 | aparc-a2009s_lh_area_S-orbital-lateral | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.23 | 0.96 | 1.59 | 1.06E-01 |
| 933 | 27390 | aparc-a2009s_lh_area_S-orbital-lateral | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 2.04 | 1.19 | 3.49 | 1.04E-02 |
| 933 | 27390 | aparc-a2009s_lh_area_S-orbital-lateral | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.83 | 0.79 | 0.88 | 9.08E-09 |
| 933 | 27390 | aparc-a2009s_lh_area_S-orbital-lateral | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.06 | 0.87 | 1.29 | 5.15E-01 |
| 475 | 27304 | aparc-DKTatlas_rh_volume_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.08 | 0.73 | 1.59 | 7.23E-01 |
| 475 | 27304 | aparc-DKTatlas_rh_volume_inferiortemporal | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.05 | 0.75 | 1.47 | 7.56E-01 |
| 475 | 27304 | aparc-DKTatlas_rh_volume_inferiortemporal | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.78 | 0.38 | 1.56 | 4.69E-01 |
| 475 | 27304 | aparc-DKTatlas_rh_volume_inferiortemporal | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.27 | 1.17 | 1.37 | 3.51E-08 |
| 475 | 27304 | aparc-DKTatlas_rh_volume_inferiortemporal | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.32 | 1.02 | 1.70 | 3.87E-02 |
| 616 | 27741 | aparc-a2009s_rh_volume_Pole-temporal | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.10 | 0.75 | 1.61 | 6.28E-01 |

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|------|-------|---|-----------------|------------------|------------|---|------|------|------|----------|
| 616 | 27741 | aparc-a2009s_rh_volume_Pole-temporal | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.22 | 0.88 | 1.70 | 2.33E-01 |
| 616 | 27741 | aparc-a2009s_rh_volume_Pole-temporal | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.56 | 0.28 | 1.09 | 9.01E-02 |
| 616 | 27741 | aparc-a2009s_rh_volume_Pole-temporal | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.23 | 1.14 | 1.34 | 2.48E-07 |
| 616 | 27741 | aparc-a2009s_rh_volume_Pole-temporal | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.14 | 0.89 | 1.45 | 3.09E-01 |
| 1219 | 27444 | aparc-a2009s_lh_thickness_Pole-occipital | Destrieux Atlas | Lumbar spine BMD | IVW | 2 | 0.81 | 0.67 | 0.97 | 2.14E-02 |
| 1219 | 27444 | aparc-a2009s_lh_thickness_Pole-occipital | Destrieux Atlas | Femoral neck BMD | IVW | 2 | 0.87 | 0.74 | 1.02 | 7.48E-02 |
| 1219 | 27444 | aparc-a2009s_lh_thickness_Pole-occipital | Destrieux Atlas | Forearm BMD | IVW | 2 | 0.88 | 0.64 | 1.22 | 4.57E-01 |
| 1219 | 27444 | aparc-a2009s_lh_thickness_Pole-occipital | Destrieux Atlas | Heel BMD | IVW | 2 | 1.11 | 1.07 | 1.15 | 9.58E-07 |
| 1219 | 27444 | aparc-a2009s_lh_thickness_Pole-occipital | Destrieux Atlas | Total body BMD | IVW | 2 | 0.92 | 0.80 | 1.05 | 1.77E-01 |
| 864 | 27259 | aparc-DKTatlas_rh_area_rostralanteriorcingulate | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.27 | 0.93 | 1.72 | 1.29E-01 |
| 864 | 27259 | aparc-DKTatlas_rh_area_rostralanteriorcingulate | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.18 | 0.91 | 1.52 | 2.08E-01 |
| 864 | 27259 | aparc-DKTatlas_rh_area_rostralanteriorcingulate | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.23 | 0.72 | 2.13 | 4.49E-01 |
| 864 | 27259 | aparc-DKTatlas_rh_area_rostralanteriorcingulate | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.16 | 1.09 | 1.24 | 8.17E-07 |
| 864 | 27259 | aparc-DKTatlas_rh_area_rostralanteriorcingulate | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.25 | 1.00 | 1.56 | 4.55E-02 |
| 1199 | 27424 | aparc-a2009s_lh_thickness_G-oc-temp-med-Lingual | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.79 | 0.59 | 1.06 | 1.25E-01 |
| 1199 | 27424 | aparc-a2009s_lh_thickness_G-oc-temp-med-Lingual | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.85 | 0.66 | 1.09 | 1.98E-01 |
| 1199 | 27424 | aparc-a2009s_lh_thickness_G-oc-temp-med-Lingual | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.82 | 0.50 | 1.35 | 4.44E-01 |
| 1199 | 27424 | aparc-a2009s_lh_thickness_G-oc-temp-med-Lingual | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.16 | 1.09 | 1.24 | 4.36E-06 |
| 1199 | 27424 | aparc-a2009s_lh_thickness_G-oc-temp-med-Lingual | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.88 | 0.72 | 1.09 | 2.53E-01 |
| 1210 | 27435 | aparc-a2009s_lh_thickness_G-temp-sup-G-T-transv | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.79 | 0.59 | 1.06 | 1.25E-01 |
| 1210 | 27435 | aparc-a2009s_lh_thickness_G-temp-sup-G-T-transv | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.85 | 0.66 | 1.09 | 1.98E-01 |
| 1210 | 27435 | aparc-a2009s_lh_thickness_G-temp-sup-G-T-transv | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.82 | 0.49 | 1.36 | 4.44E-01 |
| 1210 | 27435 | aparc-a2009s_lh_thickness_G-temp-sup-G-T-transv | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.16 | 1.09 | 1.24 | 4.36E-06 |
| 1210 | 27435 | aparc-a2009s_lh_thickness_G-temp-sup-G-T-transv | Destrieux Atlas | Total body BMD | IVW | 2 | 0.75 | 0.50 | 1.12 | 1.59E-01 |
| 1221 | 27446 | aparc-a2009s_lh_thickness_S-calcarine | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.75 | 0.52 | 1.09 | 1.25E-01 |
| 1221 | 27446 | aparc-a2009s_lh_thickness_S-calcarine | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.81 | 0.60 | 1.11 | 1.98E-01 |
| 1221 | 27446 | aparc-a2009s_lh_thickness_S-calcarine | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.78 | 0.41 | 1.47 | 4.44E-01 |
| 1221 | 27446 | aparc-a2009s_lh_thickness_S-calcarine | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.20 | 1.11 | 1.30 | 4.36E-06 |
| 1221 | 27446 | aparc-a2009s_lh_thickness_S-calcarine | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.85 | 0.65 | 1.12 | 2.53E-01 |
| 1254 | 27627 | aparc-a2009s_rh_thickness_G+S-paracentral | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.83 | 0.65 | 1.05 | 1.25E-01 |
| 1254 | 27627 | aparc-a2009s_rh_thickness_G+S-paracentral | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.87 | 0.71 | 1.07 | 1.98E-01 |
| 1254 | 27627 | aparc-a2009s_rh_thickness_G+S-paracentral | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.85 | 0.56 | 1.28 | 4.44E-01 |
| 1254 | 27627 | aparc-a2009s_rh_thickness_G+S-paracentral | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.14 | 1.08 | 1.20 | 4.36E-06 |

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|------|-------|---|-----------------|------------------|-----------------|---|------|------|------|----------|
| 1254 | 27627 | aparc-a2009s_rh_thickness_G+S-paracentral | Destrieux Atlas | Total body BMD | IVW | 2 | 0.93 | 0.78 | 1.09 | 3.86E-01 |
| 1293 | 27666 | aparc-a2009s_rh_thickness_Pole-occipital | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.87 | 0.73 | 1.04 | 1.25E-01 |
| 1293 | 27666 | aparc-a2009s_rh_thickness_Pole-occipital | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.91 | 0.78 | 1.06 | 1.98E-01 |
| 1293 | 27666 | aparc-a2009s_rh_thickness_Pole-occipital | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.88 | 0.65 | 1.20 | 4.44E-01 |
| 1293 | 27666 | aparc-a2009s_rh_thickness_Pole-occipital | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.10 | 1.06 | 1.14 | 4.36E-06 |
| 1293 | 27666 | aparc-a2009s_rh_thickness_Pole-occipital | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.93 | 0.82 | 1.05 | 2.53E-01 |
| 227 | 26604 | AmygNuclei_lh_volume_Central-nucleus | Amygdala Nuclei | Lumbar spine BMD | IVW | 2 | 1.11 | 0.98 | 1.26 | 1.05E-01 |
| 227 | 26604 | AmygNuclei_lh_volume_Central-nucleus | Amygdala Nuclei | Femoral neck BMD | IVW | 2 | 1.05 | 0.91 | 1.22 | 4.92E-01 |
| 227 | 26604 | AmygNuclei_lh_volume_Central-nucleus | Amygdala Nuclei | Forearm BMD | IVW | 2 | 1.00 | 0.60 | 1.65 | 9.85E-01 |
| 227 | 26604 | AmygNuclei_lh_volume_Central-nucleus | Amygdala Nuclei | Heel BMD | IVW | 2 | 0.93 | 0.91 | 0.96 | 2.05E-06 |
| 227 | 26604 | AmygNuclei_lh_volume_Central-nucleus | Amygdala Nuclei | Total body BMD | IVW | 2 | 1.06 | 0.96 | 1.18 | 2.07E-01 |
| 312 | 26689 | ThalamNuclei_rh_volume_MGN | Thalamus Nuclei | Lumbar spine BMD | IVW | 2 | 0.90 | 0.72 | 1.13 | 3.66E-01 |
| 312 | 26689 | ThalamNuclei_rh_volume_MGN | Thalamus Nuclei | Femoral neck BMD | IVW | 2 | 0.95 | 0.74 | 1.22 | 6.89E-01 |
| 312 | 26689 | ThalamNuclei_rh_volume_MGN | Thalamus Nuclei | Forearm BMD | IVW | 2 | 0.85 | 0.61 | 1.19 | 3.53E-01 |
| 312 | 26689 | ThalamNuclei_rh_volume_MGN | Thalamus Nuclei | Heel BMD | IVW | 2 | 1.11 | 1.07 | 1.15 | 9.70E-07 |
| 312 | 26689 | ThalamNuclei_rh_volume_MGN | Thalamus Nuclei | Total body BMD | IVW | 2 | 0.97 | 0.79 | 1.19 | 7.79E-01 |
| 576 | 27701 | aparc-a2009s_rh_volume_G+S-paracentral | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.75 | 0.52 | 1.08 | 1.25E-01 |
| 576 | 27701 | aparc-a2009s_rh_volume_G+S-paracentral | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.81 | 0.60 | 1.11 | 1.98E-01 |
| 576 | 27701 | aparc-a2009s_rh_volume_G+S-paracentral | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.78 | 0.42 | 1.46 | 4.44E-01 |
| 576 | 27701 | aparc-a2009s_rh_volume_G+S-paracentral | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.20 | 1.11 | 1.30 | 4.36E-06 |
| 576 | 27701 | aparc-a2009s_rh_volume_G+S-paracentral | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.85 | 0.66 | 1.11 | 2.53E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | IVW | 4 | 0.65 | 0.54 | 0.77 | 1.61E-06 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | MR Egger | 4 | 0.46 | 0.23 | 0.93 | 1.64E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Simple mode | 4 | 0.60 | 0.42 | 0.85 | 6.73E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Weighted median | 4 | 0.63 | 0.50 | 0.79 | 4.71E-05 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Weighted mode | 4 | 0.58 | 0.41 | 0.83 | 5.90E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | IVW | 4 | 0.79 | 0.62 | 1.01 | 5.92E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | MR Egger | 4 | 0.61 | 0.20 | 1.82 | 4.69E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Simple mode | 4 | 0.71 | 0.56 | 0.90 | 6.82E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Weighted median | 4 | 0.74 | 0.60 | 0.90 | 3.07E-03 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Weighted mode | 4 | 0.71 | 0.56 | 0.90 | 6.95E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | IVW | 4 | 0.58 | 0.41 | 0.83 | 2.27E-03 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | MR Egger | 4 | 0.42 | 0.08 | 2.28 | 4.23E-01 |

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|------|-------|---|-----------------|------------------|-----------------|---|------|------|---------|----------|
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Simple mode | 4 | 0.50 | 0.27 | 0.90 | 1.06E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Weighted median | 4 | 0.52 | 0.35 | 0.79 | 2.31E-03 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Weighted mode | 4 | 0.49 | 0.26 | 0.94 | 1.19E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | IVW | 4 | 0.85 | 0.75 | 0.97 | 1.48E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | MR Egger | 4 | 0.70 | 0.42 | 1.18 | 3.14E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Simple mode | 4 | 0.97 | 0.80 | 1.18 | 7.86E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Weighted median | 4 | 0.90 | 0.85 | 0.95 | 4.10E-04 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Weighted mode | 4 | 0.98 | 0.92 | 1.04 | 5.69E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | IVW | 4 | 0.86 | 0.77 | 0.97 | 1.47E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | MR Egger | 4 | 0.67 | 0.43 | 1.04 | 2.17E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Simple mode | 4 | 0.83 | 0.66 | 1.04 | 2.04E-01 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Weighted median | 4 | 0.85 | 0.73 | 0.98 | 2.87E-02 |
| 1028 | 26763 | aparc-Desikan_lh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Weighted mode | 4 | 0.81 | 0.66 | 1.00 | 1.43E-01 |
| 378 | 26891 | aparc-Desikan_rh_volume_caudalanteriorcingulate | Desikan Atlas | Lumbar spine BMD | IVW | 2 | 0.68 | 0.51 | 0.91 | 8.52E-03 |
| 378 | 26891 | aparc-Desikan_rh_volume_caudalanteriorcingulate | Desikan Atlas | Femoral neck BMD | IVW | 2 | 0.80 | 0.63 | 1.02 | 7.32E-02 |
| 378 | 26891 | aparc-Desikan_rh_volume_caudalanteriorcingulate | Desikan Atlas | Forearm BMD | IVW | 2 | 0.72 | 0.44 | 1.18 | 1.94E-01 |
| 378 | 26891 | aparc-Desikan_rh_volume_caudalanteriorcingulate | Desikan Atlas | Heel BMD | IVW | 2 | 0.70 | 0.60 | 0.82 | 4.91E-06 |
| 378 | 26891 | aparc-Desikan_rh_volume_caudalanteriorcingulate | Desikan Atlas | Total body BMD | IVW | 2 | 0.73 | 0.55 | 0.97 | 2.96E-02 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Lumbar spine BMD | IVW | 3 | 0.89 | 0.72 | 1.11 | 3.19E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Lumbar spine BMD | MR Egger | 3 | 1.69 | 0.03 | 101.30 | 8.45E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Lumbar spine BMD | Simple mode | 3 | 0.95 | 0.70 | 1.30 | 7.91E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Lumbar spine BMD | Weighted median | 3 | 0.93 | 0.72 | 1.22 | 6.25E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Lumbar spine BMD | Weighted mode | 3 | 0.95 | 0.71 | 1.29 | 7.85E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Femoral neck BMD | IVW | 3 | 0.99 | 0.82 | 1.20 | 9.56E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Femoral neck BMD | MR Egger | 3 | 0.94 | 0.03 | 32.48 | 9.79E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Femoral neck BMD | Simple mode | 3 | 1.03 | 0.81 | 1.32 | 8.26E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Femoral neck BMD | Weighted median | 3 | 1.01 | 0.80 | 1.27 | 9.41E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Femoral neck BMD | Weighted mode | 3 | 1.03 | 0.80 | 1.34 | 8.44E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Forearm BMD | IVW | 3 | 0.93 | 0.63 | 1.37 | 7.11E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Forearm BMD | MR Egger | 3 | 4.00 | 0.00 | 5881.12 | 7.72E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Forearm BMD | Simple mode | 3 | 0.88 | 0.53 | 1.45 | 6.58E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Forearm BMD | Weighted median | 3 | 0.89 | 0.56 | 1.42 | 6.47E-01 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Forearm BMD | Weighted mode | 3 | 0.88 | 0.52 | 1.49 | 6.69E-01 |

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|------|-------|-------------------------------------|-----------------|------------------|-----------------|---|------|------|------|----------|
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Heel BMD | Wald ratio | 1 | 0.85 | 0.79 | 0.91 | 2.31E-05 |
| 305 | 26682 | ThalamNuclei_lh_volume_PuL | Thalamus Nuclei | Total body BMD | IVW | 2 | 0.91 | 0.72 | 1.15 | 4.13E-01 |
| 311 | 26688 | ThalamNuclei_rh_volume_LGN | Thalamus Nuclei | Forearm BMD | Wald ratio | 1 | 0.76 | 0.40 | 1.47 | 4.19E-01 |
| 311 | 26688 | ThalamNuclei_rh_volume_LGN | Thalamus Nuclei | Heel BMD | Wald ratio | 1 | 0.85 | 0.79 | 0.91 | 1.54E-05 |
| 311 | 26688 | ThalamNuclei_rh_volume_LGN | Thalamus Nuclei | Total body BMD | IVW | 2 | 1.02 | 0.85 | 1.23 | 8.30E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Lumbar spine BMD | IVW | 4 | 0.89 | 0.63 | 1.27 | 5.31E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Lumbar spine BMD | MR Egger | 4 | 0.57 | 0.16 | 2.10 | 4.88E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Lumbar spine BMD | Simple mode | 4 | 0.79 | 0.60 | 1.04 | 1.83E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Lumbar spine BMD | Weighted median | 4 | 0.82 | 0.65 | 1.04 | 1.06E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Lumbar spine BMD | Weighted mode | 4 | 0.79 | 0.60 | 1.03 | 1.82E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Femoral neck BMD | IVW | 4 | 0.85 | 0.68 | 1.08 | 1.85E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Femoral neck BMD | MR Egger | 4 | 0.76 | 0.30 | 1.93 | 6.19E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Femoral neck BMD | Simple mode | 4 | 0.75 | 0.57 | 0.98 | 1.32E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Femoral neck BMD | Weighted median | 4 | 0.80 | 0.66 | 0.97 | 2.60E-02 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Femoral neck BMD | Weighted mode | 4 | 0.78 | 0.61 | 1.00 | 1.42E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Forearm BMD | IVW | 4 | 0.88 | 0.64 | 1.22 | 4.48E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Forearm BMD | MR Egger | 4 | 0.69 | 0.24 | 1.99 | 5.64E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Forearm BMD | Simple mode | 4 | 0.83 | 0.51 | 1.37 | 5.28E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Forearm BMD | Weighted median | 4 | 0.83 | 0.57 | 1.21 | 3.52E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Forearm BMD | Weighted mode | 4 | 0.83 | 0.53 | 1.28 | 4.63E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Heel BMD | IVW | 4 | 1.11 | 1.06 | 1.17 | 1.98E-05 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Heel BMD | MR Egger | 4 | 1.27 | 1.11 | 1.44 | 7.54E-02 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Heel BMD | Simple mode | 4 | 1.08 | 0.99 | 1.17 | 1.91E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Heel BMD | Weighted median | 4 | 1.09 | 1.03 | 1.14 | 6.82E-04 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Heel BMD | Weighted mode | 4 | 1.08 | 0.99 | 1.17 | 2.02E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Total body BMD | IVW | 4 | 0.97 | 0.86 | 1.10 | 6.66E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Total body BMD | MR Egger | 4 | 0.74 | 0.48 | 1.15 | 3.10E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Total body BMD | Simple mode | 4 | 0.94 | 0.76 | 1.16 | 6.08E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Total body BMD | Weighted median | 4 | 0.95 | 0.82 | 1.10 | 4.72E-01 |
| 1032 | 26767 | aparc-Desikan_lh_thickness_lingual | Desikan Atlas | Total body BMD | Weighted mode | 4 | 0.93 | 0.77 | 1.13 | 5.63E-01 |
| 1017 | 27622 | aparc-a2009s_rh_area_S-temporal-inf | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.96 | 0.65 | 1.42 | 8.64E-01 |
| 1017 | 27622 | aparc-a2009s_rh_area_S-temporal-inf | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.03 | 0.73 | 1.45 | 8.49E-01 |
| 1017 | 27622 | aparc-a2009s_rh_area_S-temporal-inf | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.14 | 0.56 | 2.32 | 7.25E-01 |

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|------|-------|--|---------------------------|------------------|------------|---|------|------|------|----------|
| 1017 | 27622 | aparc-a2009s_rh_area_S-temporal-inf | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.83 | 0.77 | 0.91 | 1.19E-05 |
| 1017 | 27622 | aparc-a2009s_rh_area_S-temporal-inf | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.90 | 0.70 | 1.17 | 4.30E-01 |
| 1186 | 27411 | aparc-a2009s_lh_thickness_G-cingul-Post-dorsal | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.75 | 0.52 | 1.08 | 1.25E-01 |
| 1186 | 27411 | aparc-a2009s_lh_thickness_G-cingul-Post-dorsal | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.81 | 0.60 | 1.11 | 1.98E-01 |
| 1186 | 27411 | aparc-a2009s_lh_thickness_G-cingul-Post-dorsal | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 0.78 | 0.42 | 1.47 | 4.44E-01 |
| 1186 | 27411 | aparc-a2009s_lh_thickness_G-cingul-Post-dorsal | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.16 | 1.08 | 1.25 | 8.95E-05 |
| 1186 | 27411 | aparc-a2009s_lh_thickness_G-cingul-Post-dorsal | Destrieux Atlas | Total body BMD | IVW | 2 | 0.85 | 0.67 | 1.08 | 1.87E-01 |
| 531 | 27508 | aparc-a2009s_lh_volume_G-subcallosal | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.14 | 0.77 | 1.67 | 5.18E-01 |
| 531 | 27508 | aparc-a2009s_lh_volume_G-subcallosal | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.04 | 0.75 | 1.45 | 8.09E-01 |
| 531 | 27508 | aparc-a2009s_lh_volume_G-subcallosal | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.16 | 0.58 | 2.32 | 6.60E-01 |
| 531 | 27508 | aparc-a2009s_lh_volume_G-subcallosal | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.18 | 1.08 | 1.28 | 6.79E-05 |
| 531 | 27508 | aparc-a2009s_lh_volume_G-subcallosal | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.28 | 1.00 | 1.65 | 5.49E-02 |
| 679 | 26752 | aparc-Desikan_lh_area_frontalpole | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.09 | 0.82 | 1.45 | 5.43E-01 |
| 679 | 26752 | aparc-Desikan_lh_area_frontalpole | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 0.93 | 0.73 | 1.19 | 6.02E-01 |
| 679 | 26752 | aparc-Desikan_lh_area_frontalpole | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.06 | 0.63 | 1.79 | 8.16E-01 |
| 679 | 26752 | aparc-Desikan_lh_area_frontalpole | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.88 | 0.84 | 0.94 | 5.34E-05 |
| 679 | 26752 | aparc-Desikan_lh_area_frontalpole | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.15 | 0.96 | 1.38 | 1.59E-01 |
| 590 | 27715 | aparc-a2009s_rh_volume_G-Ins-Ig+S-cent-ins | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.86 | 0.80 | 0.93 | 9.87E-05 |
| 590 | 27715 | aparc-a2009s_rh_volume_G-Ins-Ig+S-cent-ins | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.76 | 0.58 | 0.99 | 3.83E-02 |
| 55 | 25811 | IDP_T1_FAST_ROIs_R_inf_temp_gyrus_post | IDP T1:unilateral regions | Lumbar spine BMD | IVW | 2 | 1.02 | 0.78 | 1.33 | 8.66E-01 |
| 55 | 25811 | IDP_T1_FAST_ROIs_R_inf_temp_gyrus_post | IDP T1:unilateral regions | Femoral neck BMD | IVW | 2 | 0.96 | 0.77 | 1.21 | 7.06E-01 |
| 55 | 25811 | IDP_T1_FAST_ROIs_R_inf_temp_gyrus_post | IDP T1:unilateral regions | Forearm BMD | IVW | 2 | 0.73 | 0.46 | 1.16 | 1.89E-01 |
| 55 | 25811 | IDP_T1_FAST_ROIs_R_inf_temp_gyrus_post | IDP T1:unilateral regions | Heel BMD | IVW | 2 | 1.19 | 1.10 | 1.29 | 6.88E-05 |
| 55 | 25811 | IDP_T1_FAST_ROIs_R_inf_temp_gyrus_post | IDP T1:unilateral regions | Total body BMD | IVW | 2 | 1.19 | 1.01 | 1.41 | 4.28E-02 |
| 47 | 25803 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_ant | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 0.84 | 0.55 | 1.28 | 4.06E-01 |
| 47 | 25803 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_ant | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.00 | 0.70 | 1.43 | 9.85E-01 |

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|-----|-------|---|---------------------------|------------------|-------------|---|------|------|------|----------|
| 47 | 25803 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_ant | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 0.70 | 0.34 | 1.47 | 3.49E-01 |
| 47 | 25803 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_ant | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.18 | 1.08 | 1.28 | 1.37E-04 |
| 47 | 25803 | IDP_T1_FAST_ROIs_R_mid_temp_gyrus_ant | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.00 | 0.75 | 1.34 | 9.88E-01 |
| 52 | 25808 | IDP_T1_FAST_ROIs_L_inf_temp_gyrus_ant | IDP T1:unilateral regions | Lumbar spine BMD | Wald ratio | 1 | 0.84 | 0.56 | 1.26 | 4.06E-01 |
| 52 | 25808 | IDP_T1_FAST_ROIs_L_inf_temp_gyrus_ant | IDP T1:unilateral regions | Femoral neck BMD | Wald ratio | 1 | 1.00 | 0.71 | 1.40 | 9.85E-01 |
| 52 | 25808 | IDP_T1_FAST_ROIs_L_inf_temp_gyrus_ant | IDP T1:unilateral regions | Forearm BMD | Wald ratio | 1 | 0.71 | 0.35 | 1.45 | 3.49E-01 |
| 52 | 25808 | IDP_T1_FAST_ROIs_L_inf_temp_gyrus_ant | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.16 | 1.07 | 1.26 | 1.37E-04 |
| 52 | 25808 | IDP_T1_FAST_ROIs_L_inf_temp_gyrus_ant | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.00 | 0.76 | 1.32 | 9.88E-01 |
| 82 | 25838 | IDP_T1_FAST_ROIs_L_cing_gyrus_ant | IDP T1:unilateral regions | Heel BMD | Wald ratio | 1 | 1.19 | 1.10 | 1.29 | 9.87E-05 |
| 82 | 25838 | IDP_T1_FAST_ROIs_L_cing_gyrus_ant | IDP T1:unilateral regions | Total body BMD | Wald ratio | 1 | 1.37 | 1.03 | 1.83 | 3.83E-02 |
| 83 | 25839 | IDP_T1_FAST_ROIs_R_cing_gyrus_ant | IDP T1:unilateral regions | Lumbar spine BMD | IVW | 2 | 1.20 | 0.64 | 2.28 | 5.72E-01 |
| 83 | 25839 | IDP_T1_FAST_ROIs_R_cing_gyrus_ant | IDP T1:unilateral regions | Femoral neck BMD | IVW | 2 | 1.39 | 0.78 | 2.48 | 2.63E-01 |
| 83 | 25839 | IDP_T1_FAST_ROIs_R_cing_gyrus_ant | IDP T1:unilateral regions | Forearm BMD | IVW | 2 | 1.10 | 0.49 | 2.48 | 8.10E-01 |
| 83 | 25839 | IDP_T1_FAST_ROIs_R_cing_gyrus_ant | IDP T1:unilateral regions | Heel BMD | IVW | 2 | 1.14 | 1.06 | 1.22 | 1.23E-04 |
| 83 | 25839 | IDP_T1_FAST_ROIs_R_cing_gyrus_ant | IDP T1:unilateral regions | Total body BMD | IVW | 2 | 1.25 | 0.86 | 1.82 | 2.51E-01 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Lumbar spine BMD | IVW | 7 | 1.45 | 1.12 | 1.88 | 5.10E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Lumbar spine BMD | MR Egger | 7 | 2.44 | 1.42 | 4.20 | 2.33E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Lumbar spine BMD | Simple mode | 7 | 1.56 | 1.10 | 2.21 | 4.19E-02 |

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|-----|-------|---|---------------|------------------|-----------------|---|------|------|-------|----------|
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Lumbar spine BMD | Weighted median | 7 | 1.61 | 1.35 | 1.92 | 2.52E-07 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Lumbar spine BMD | Weighted mode | 7 | 1.72 | 1.44 | 2.07 | 1.02E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Femoral neck BMD | IVW | 7 | 1.43 | 1.18 | 1.73 | 1.92E-04 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Femoral neck BMD | MR Egger | 7 | 1.67 | 1.01 | 2.75 | 9.48E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Femoral neck BMD | Simple mode | 7 | 1.11 | 0.85 | 1.46 | 4.55E-01 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Femoral neck BMD | Weighted median | 7 | 1.47 | 1.24 | 1.74 | 7.38E-06 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Femoral neck BMD | Weighted mode | 7 | 1.56 | 1.30 | 1.88 | 3.13E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Forearm BMD | IVW | 7 | 2.27 | 1.28 | 4.04 | 5.95E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Forearm BMD | MR Egger | 7 | 4.76 | 1.12 | 20.31 | 9.17E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Forearm BMD | Simple mode | 7 | 1.22 | 0.62 | 2.39 | 5.92E-01 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Forearm BMD | Weighted median | 7 | 1.92 | 1.15 | 3.20 | 1.12E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Forearm BMD | Weighted mode | 7 | 3.85 | 2.12 | 6.97 | 3.81E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Heel BMD | IVW | 6 | 2.33 | 1.29 | 4.19 | 5.47E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Heel BMD | MR Egger | 6 | 9.09 | 3.77 | 21.89 | 1.02E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Heel BMD | Simple mode | 6 | 1.08 | 1.02 | 1.13 | 3.84E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Heel BMD | Weighted median | 6 | 1.10 | 1.04 | 1.16 | 3.08E-04 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Heel BMD | Weighted mode | 6 | 1.09 | 1.04 | 1.14 | 2.19E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Total body BMD | IVW | 7 | 1.82 | 1.17 | 2.83 | 7.85E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Total body BMD | MR Egger | 7 | 5.00 | 2.29 | 10.93 | 9.50E-03 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Total body BMD | Simple mode | 7 | 1.56 | 0.85 | 2.86 | 1.97E-01 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Total body BMD | Weighted median | 7 | 1.27 | 1.04 | 1.54 | 1.74E-02 |
| 172 | 26521 | aseg_global_volume_EstimatedTotalIntraCranial | aseg:global | Total body BMD | Weighted mode | 7 | 0.93 | 0.78 | 1.11 | 4.51E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Lumbar spine BMD | IVW | 6 | 0.99 | 0.81 | 1.22 | 9.32E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Lumbar spine BMD | MR Egger | 6 | 7.14 | 1.00 | 51.26 | 1.25E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Lumbar spine BMD | Simple mode | 6 | 0.83 | 0.63 | 1.08 | 2.30E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Lumbar spine BMD | Weighted median | 6 | 0.89 | 0.74 | 1.08 | 2.19E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Lumbar spine BMD | Weighted mode | 6 | 0.83 | 0.60 | 1.14 | 2.93E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Femoral neck BMD | IVW | 6 | 1.14 | 0.94 | 1.37 | 1.80E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Femoral neck BMD | MR Egger | 6 | 0.72 | 0.06 | 8.39 | 8.06E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Femoral neck BMD | Simple mode | 6 | 1.03 | 0.83 | 1.28 | 8.05E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Femoral neck BMD | Weighted median | 6 | 1.06 | 0.90 | 1.25 | 4.69E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Femoral neck BMD | Weighted mode | 6 | 1.02 | 0.83 | 1.25 | 8.85E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Forearm BMD | IVW | 6 | 1.00 | 0.78 | 1.28 | 9.86E-01 |

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|-----|-------|---|-----------------|------------------|-----------------|---|------|------|---------|----------|
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Forearm BMD | MR Egger | 6 | 0.72 | 0.04 | 14.39 | 8.39E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Forearm BMD | Simple mode | 6 | 0.88 | 0.56 | 1.41 | 6.26E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Forearm BMD | Weighted median | 6 | 0.91 | 0.68 | 1.22 | 5.22E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Forearm BMD | Weighted mode | 6 | 0.88 | 0.57 | 1.35 | 5.82E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Heel BMD | IVW | 7 | 1.15 | 1.07 | 1.23 | 1.60E-04 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Heel BMD | MR Egger | 7 | 1.89 | 0.72 | 4.94 | 2.45E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Heel BMD | Simple mode | 7 | 1.16 | 1.08 | 1.25 | 4.50E-03 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Heel BMD | Weighted median | 7 | 1.16 | 1.10 | 1.22 | 2.20E-09 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Heel BMD | Weighted mode | 7 | 1.16 | 1.10 | 1.23 | 2.82E-03 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Total body BMD | IVW | 7 | 0.96 | 0.78 | 1.19 | 7.38E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Total body BMD | MR Egger | 7 | 1.01 | 0.05 | 19.95 | 9.93E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Total body BMD | Simple mode | 7 | 0.92 | 0.72 | 1.17 | 5.38E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Total body BMD | Weighted median | 7 | 0.93 | 0.82 | 1.07 | 3.04E-01 |
| 478 | 27307 | aparc-DKTatlas_rh_volume_lateralorbitofrontal | Desikan Atlas | Total body BMD | Weighted mode | 7 | 0.91 | 0.75 | 1.09 | 3.64E-01 |
| 492 | 27321 | aparc-DKTatlas_rh_volume_rostralanteriorcingulate | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.84 | 0.56 | 1.26 | 4.06E-01 |
| 492 | 27321 | aparc-DKTatlas_rh_volume_rostralanteriorcingulate | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.00 | 0.70 | 1.42 | 9.85E-01 |
| 492 | 27321 | aparc-DKTatlas_rh_volume_rostralanteriorcingulate | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 0.71 | 0.35 | 1.45 | 3.49E-01 |
| 492 | 27321 | aparc-DKTatlas_rh_volume_rostralanteriorcingulate | Desikan Atlas | Heel BMD | Wald ratio | 1 | 1.18 | 1.08 | 1.28 | 1.37E-04 |
| 492 | 27321 | aparc-DKTatlas_rh_volume_rostralanteriorcingulate | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.00 | 0.76 | 1.32 | 9.88E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Lumbar spine BMD | IVW | 3 | 1.18 | 0.95 | 1.46 | 1.29E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Lumbar spine BMD | MR Egger | 3 | 0.73 | 0.04 | 14.51 | 8.71E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Lumbar spine BMD | Simple mode | 3 | 1.30 | 0.94 | 1.80 | 2.61E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Lumbar spine BMD | Weighted median | 3 | 1.28 | 0.96 | 1.72 | 9.43E-02 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Lumbar spine BMD | Weighted mode | 3 | 1.30 | 0.93 | 1.82 | 2.73E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Femoral neck BMD | IVW | 3 | 1.49 | 1.24 | 1.80 | 2.57E-05 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Femoral neck BMD | MR Egger | 3 | 0.75 | 0.06 | 9.89 | 8.64E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Femoral neck BMD | Simple mode | 3 | 1.61 | 1.17 | 2.22 | 9.54E-02 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Femoral neck BMD | Weighted median | 3 | 1.52 | 1.19 | 1.93 | 6.46E-04 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Femoral neck BMD | Weighted mode | 3 | 1.61 | 1.19 | 2.19 | 9.45E-02 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Forearm BMD | IVW | 3 | 0.90 | 0.61 | 1.33 | 5.91E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Forearm BMD | MR Egger | 3 | 8.33 | 0.06 | 1075.69 | 5.53E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Forearm BMD | Simple mode | 3 | 0.75 | 0.41 | 1.35 | 4.40E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Forearm BMD | Weighted median | 3 | 0.75 | 0.45 | 1.23 | 2.52E-01 |

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|------|-------|---|-----------------|------------------|-----------------|---|------|------|-------|----------|
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Forearm BMD | Weighted mode | 3 | 0.75 | 0.41 | 1.35 | 4.38E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Heel BMD | IVW | 3 | 1.23 | 1.05 | 1.45 | 9.43E-03 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Heel BMD | MR Egger | 3 | 0.37 | 0.08 | 1.76 | 4.28E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Heel BMD | Simple mode | 3 | 1.33 | 1.17 | 1.51 | 4.85E-02 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Heel BMD | Weighted median | 3 | 1.18 | 1.10 | 1.26 | 3.76E-06 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Heel BMD | Weighted mode | 3 | 1.06 | 0.97 | 1.16 | 3.20E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Total body BMD | IVW | 3 | 1.06 | 0.78 | 1.45 | 6.90E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Total body BMD | MR Egger | 3 | 0.07 | 0.01 | 0.43 | 2.12E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Total body BMD | Simple mode | 3 | 0.91 | 0.74 | 1.12 | 4.65E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Total body BMD | Weighted median | 3 | 0.91 | 0.74 | 1.12 | 3.72E-01 |
| 918 | 27375 | aparc-a2009s_lh_area_S-circular-insula-ant | Destrieux Atlas | Total body BMD | Weighted mode | 3 | 0.91 | 0.73 | 1.14 | 4.83E-01 |
| 407 | 26920 | aparc-Desikan_rh_volume_frontalpole | Desikan Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.15 | 0.77 | 1.72 | 4.92E-01 |
| 407 | 26920 | aparc-Desikan_rh_volume_frontalpole | Desikan Atlas | Femoral neck BMD | Wald ratio | 1 | 1.35 | 0.96 | 1.91 | 7.90E-02 |
| 407 | 26920 | aparc-Desikan_rh_volume_frontalpole | Desikan Atlas | Forearm BMD | Wald ratio | 1 | 1.96 | 0.97 | 3.98 | 5.89E-02 |
| 407 | 26920 | aparc-Desikan_rh_volume_frontalpole | Desikan Atlas | Heel BMD | Wald ratio | 1 | 0.86 | 0.79 | 0.94 | 2.61E-04 |
| 407 | 26920 | aparc-Desikan_rh_volume_frontalpole | Desikan Atlas | Total body BMD | Wald ratio | 1 | 1.19 | 0.92 | 1.54 | 1.87E-01 |
| 1312 | 27685 | aparc-a2009s_rh_thickness_S-oc-temp-med+Lingual | Destrieux Atlas | Lumbar spine BMD | IVW | 2 | 1.11 | 0.80 | 1.54 | 5.34E-01 |
| 1312 | 27685 | aparc-a2009s_rh_thickness_S-oc-temp-med+Lingual | Destrieux Atlas | Femoral neck BMD | IVW | 2 | 1.18 | 0.88 | 1.57 | 2.81E-01 |
| 1312 | 27685 | aparc-a2009s_rh_thickness_S-oc-temp-med+Lingual | Destrieux Atlas | Forearm BMD | IVW | 2 | 0.94 | 0.51 | 1.75 | 8.60E-01 |
| 1312 | 27685 | aparc-a2009s_rh_thickness_S-oc-temp-med+Lingual | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.15 | 1.06 | 1.25 | 5.72E-04 |
| 1312 | 27685 | aparc-a2009s_rh_thickness_S-oc-temp-med+Lingual | Destrieux Atlas | Total body BMD | IVW | 2 | 0.96 | 0.69 | 1.35 | 8.41E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Lumbar spine BMD | IVW | 4 | 0.85 | 0.68 | 1.05 | 1.24E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Lumbar spine BMD | MR Egger | 4 | 6.67 | 0.51 | 87.43 | 2.68E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Lumbar spine BMD | Simple mode | 4 | 0.95 | 0.68 | 1.34 | 7.82E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Lumbar spine BMD | Weighted median | 4 | 0.91 | 0.72 | 1.15 | 4.34E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Lumbar spine BMD | Weighted mode | 4 | 0.95 | 0.70 | 1.29 | 7.89E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Femoral neck BMD | IVW | 4 | 0.88 | 0.75 | 1.03 | 1.13E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Femoral neck BMD | MR Egger | 4 | 1.30 | 0.17 | 10.14 | 8.27E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Femoral neck BMD | Simple mode | 4 | 0.91 | 0.71 | 1.16 | 4.94E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Femoral neck BMD | Weighted median | 4 | 0.90 | 0.75 | 1.09 | 2.66E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Femoral neck BMD | Weighted mode | 4 | 0.91 | 0.71 | 1.16 | 4.79E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Forearm BMD | IVW | 4 | 0.88 | 0.63 | 1.23 | 4.59E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Forearm BMD | MR Egger | 4 | 0.63 | 0.00 | 94.75 | 8.72E-01 |

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|------|-------|--|-----------------|------------------|-----------------|---|------|------|------|----------|
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Forearm BMD | Simple mode | 4 | 0.93 | 0.52 | 1.69 | 8.43E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Forearm BMD | Weighted median | 4 | 0.91 | 0.60 | 1.39 | 6.55E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Forearm BMD | Weighted mode | 4 | 0.94 | 0.52 | 1.71 | 8.52E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Heel BMD | IVW | 4 | 0.92 | 0.87 | 0.96 | 5.61E-04 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Heel BMD | MR Egger | 4 | 0.52 | 0.31 | 0.86 | 1.27E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Heel BMD | Simple mode | 4 | 0.94 | 0.87 | 1.02 | 2.58E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Heel BMD | Weighted median | 4 | 0.93 | 0.89 | 0.98 | 8.77E-03 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Heel BMD | Weighted mode | 4 | 0.94 | 0.87 | 1.02 | 2.58E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Total body BMD | IVW | 4 | 1.05 | 0.91 | 1.21 | 4.35E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Total body BMD | MR Egger | 4 | 1.72 | 0.35 | 8.50 | 5.81E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Total body BMD | Simple mode | 4 | 1.06 | 0.86 | 1.32 | 6.33E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Total body BMD | Weighted median | 4 | 1.08 | 0.91 | 1.27 | 3.97E-01 |
| 1322 | 27695 | aparc-a2009s_rh_thickness_S-subparietal | Destrieux Atlas | Total body BMD | Weighted mode | 4 | 1.06 | 0.89 | 1.27 | 5.39E-01 |
| 1257 | 27630 | aparc-a2009s_rh_thickness_G+S-cingul-Ant | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 0.79 | 0.54 | 1.15 | 2.17E-01 |
| 1257 | 27630 | aparc-a2009s_rh_thickness_G+S-cingul-Ant | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 0.78 | 0.57 | 1.05 | 1.04E-01 |
| 1257 | 27630 | aparc-a2009s_rh_thickness_G+S-cingul-Ant | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.11 | 0.52 | 2.36 | 7.72E-01 |
| 1257 | 27630 | aparc-a2009s_rh_thickness_G+S-cingul-Ant | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 0.90 | 0.85 | 0.96 | 6.60E-04 |
| 1257 | 27630 | aparc-a2009s_rh_thickness_G+S-cingul-Ant | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 0.80 | 0.64 | 1.00 | 5.04E-02 |
| 884 | 27341 | aparc-a2009s_lh_area_G-front-inf-Orbital | Destrieux Atlas | Lumbar spine BMD | Wald ratio | 1 | 1.45 | 1.00 | 2.09 | 5.17E-02 |
| 884 | 27341 | aparc-a2009s_lh_area_G-front-inf-Orbital | Destrieux Atlas | Femoral neck BMD | Wald ratio | 1 | 1.32 | 0.95 | 1.82 | 9.19E-02 |
| 884 | 27341 | aparc-a2009s_lh_area_G-front-inf-Orbital | Destrieux Atlas | Forearm BMD | Wald ratio | 1 | 1.28 | 0.67 | 2.47 | 4.73E-01 |
| 884 | 27341 | aparc-a2009s_lh_area_G-front-inf-Orbital | Destrieux Atlas | Heel BMD | Wald ratio | 1 | 1.16 | 1.08 | 1.25 | 1.69E-04 |
| 884 | 27341 | aparc-a2009s_lh_area_G-front-inf-Orbital | Destrieux Atlas | Total body BMD | Wald ratio | 1 | 1.39 | 1.09 | 1.77 | 6.73E-03 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Lumbar spine BMD | IVW | 3 | 1.06 | 0.86 | 1.32 | 6.00E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Lumbar spine BMD | MR Egger | 3 | 1.32 | 0.98 | 1.76 | 3.14E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Lumbar spine BMD | Simple mode | 3 | 1.10 | 0.85 | 1.43 | 5.54E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Lumbar spine BMD | Weighted median | 3 | 1.11 | 0.94 | 1.32 | 2.34E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Lumbar spine BMD | Weighted mode | 3 | 1.14 | 0.95 | 1.35 | 2.86E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Femoral neck BMD | IVW | 3 | 1.14 | 1.00 | 1.30 | 5.11E-02 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Femoral neck BMD | MR Egger | 3 | 1.08 | 0.85 | 1.37 | 6.42E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Femoral neck BMD | Simple mode | 3 | 1.19 | 1.00 | 1.41 | 1.94E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Femoral neck BMD | Weighted median | 3 | 1.14 | 0.99 | 1.30 | 6.75E-02 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Femoral neck BMD | Weighted mode | 3 | 1.11 | 0.95 | 1.30 | 3.20E-01 |

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|------|-------|---|-----------------|------------------|-----------------|---|------|------|------|----------|
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Forearm BMD | IVW | 3 | 1.18 | 0.91 | 1.53 | 2.37E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Forearm BMD | MR Egger | 3 | 1.08 | 0.66 | 1.76 | 8.19E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Forearm BMD | Simple mode | 3 | 1.14 | 0.79 | 1.64 | 5.65E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Forearm BMD | Weighted median | 3 | 1.14 | 0.87 | 1.49 | 3.56E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Forearm BMD | Weighted mode | 3 | 1.14 | 0.84 | 1.54 | 5.00E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Heel BMD | IVW | 3 | 0.93 | 0.89 | 0.97 | 5.78E-04 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Heel BMD | MR Egger | 3 | 0.89 | 0.82 | 0.97 | 2.24E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Heel BMD | Simple mode | 3 | 0.92 | 0.86 | 0.98 | 1.34E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Heel BMD | Weighted median | 3 | 0.92 | 0.88 | 0.95 | 1.35E-05 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Heel BMD | Weighted mode | 3 | 0.91 | 0.87 | 0.95 | 4.75E-02 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Total body BMD | IVW | 3 | 1.11 | 1.00 | 1.23 | 4.22E-02 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Total body BMD | MR Egger | 3 | 1.04 | 0.85 | 1.27 | 7.73E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Total body BMD | Simple mode | 3 | 1.09 | 0.92 | 1.28 | 3.95E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Total body BMD | Weighted median | 3 | 1.09 | 0.97 | 1.22 | 1.35E-01 |
| 229 | 26606 | AmygNuclei_lh_volume_Cortical-nucleus | Amygdala Nuclei | Total body BMD | Weighted mode | 3 | 1.09 | 0.94 | 1.25 | 3.57E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | IVW | 7 | 0.79 | 0.61 | 1.01 | 6.41E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | MR Egger | 7 | 0.45 | 0.18 | 1.14 | 1.52E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Simple mode | 7 | 0.68 | 0.52 | 0.90 | 3.33E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Weighted median | 7 | 0.70 | 0.57 | 0.88 | 1.83E-03 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Lumbar spine BMD | Weighted mode | 7 | 0.69 | 0.53 | 0.90 | 3.28E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | IVW | 7 | 0.90 | 0.75 | 1.08 | 2.75E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | MR Egger | 7 | 0.59 | 0.31 | 1.12 | 1.71E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Simple mode | 7 | 0.79 | 0.63 | 0.98 | 7.50E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Weighted median | 7 | 0.81 | 0.68 | 0.97 | 2.51E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Femoral neck BMD | Weighted mode | 7 | 0.79 | 0.62 | 1.01 | 1.10E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | IVW | 8 | 0.82 | 0.65 | 1.04 | 1.07E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | MR Egger | 8 | 0.30 | 0.12 | 0.77 | 4.64E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Simple mode | 8 | 0.71 | 0.43 | 1.18 | 2.28E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Weighted median | 8 | 0.74 | 0.54 | 1.01 | 5.63E-02 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Forearm BMD | Weighted mode | 8 | 0.71 | 0.45 | 1.14 | 1.97E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | IVW | 6 | 0.92 | 0.79 | 1.07 | 2.75E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | MR Egger | 6 | 0.93 | 0.49 | 1.76 | 8.27E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Simple mode | 6 | 0.96 | 0.86 | 1.07 | 5.51E-01 |

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|------|-------|---|-----------------|------------------|-----------------|---|------|------|-------|----------|
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Weighted median | 6 | 0.96 | 0.91 | 1.01 | 1.31E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Heel BMD | Weighted mode | 6 | 0.97 | 0.90 | 1.04 | 4.40E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | IVW | 8 | 0.84 | 0.77 | 0.92 | 2.29E-04 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | MR Egger | 8 | 0.84 | 0.58 | 1.21 | 3.77E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Simple mode | 8 | 0.86 | 0.72 | 1.03 | 1.46E-01 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Weighted median | 8 | 0.85 | 0.76 | 0.96 | 7.54E-03 |
| 1062 | 26864 | aparc-Desikan_rh_thickness_inferiortemporal | Desikan Atlas | Total body BMD | Weighted mode | 8 | 0.88 | 0.74 | 1.04 | 1.82E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Lumbar spine BMD | IVW | 4 | 1.01 | 0.70 | 1.45 | 9.76E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Lumbar spine BMD | MR Egger | 4 | 4.55 | 0.99 | 20.83 | 1.97E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Lumbar spine BMD | Simple mode | 4 | 0.88 | 0.67 | 1.14 | 4.17E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Lumbar spine BMD | Weighted median | 4 | 0.91 | 0.72 | 1.14 | 3.99E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Lumbar spine BMD | Weighted mode | 4 | 0.89 | 0.68 | 1.17 | 4.49E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Femoral neck BMD | IVW | 4 | 0.95 | 0.79 | 1.14 | 6.22E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Femoral neck BMD | MR Egger | 4 | 0.93 | 0.26 | 3.35 | 9.20E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Femoral neck BMD | Simple mode | 4 | 1.08 | 0.77 | 1.49 | 6.85E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Femoral neck BMD | Weighted median | 4 | 0.98 | 0.80 | 1.20 | 8.20E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Femoral neck BMD | Weighted mode | 4 | 1.08 | 0.77 | 1.50 | 7.07E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Forearm BMD | IVW | 4 | 1.05 | 0.74 | 1.49 | 7.93E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Forearm BMD | MR Egger | 4 | 0.52 | 0.06 | 4.20 | 6.00E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Forearm BMD | Simple mode | 4 | 0.95 | 0.56 | 1.63 | 8.70E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Forearm BMD | Weighted median | 4 | 0.98 | 0.66 | 1.45 | 9.29E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Forearm BMD | Weighted mode | 4 | 0.96 | 0.57 | 1.63 | 8.97E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Heel BMD | IVW | 4 | 1.00 | 0.96 | 1.05 | 9.44E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Heel BMD | MR Egger | 4 | 1.06 | 0.78 | 1.45 | 7.36E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Heel BMD | Simple mode | 4 | 1.01 | 0.94 | 1.09 | 8.74E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Heel BMD | Weighted median | 4 | 1.00 | 0.95 | 1.05 | 9.63E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Heel BMD | Weighted mode | 4 | 1.00 | 0.92 | 1.09 | 9.83E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Total body BMD | IVW | 4 | 1.28 | 1.13 | 1.46 | 1.74E-04 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Total body BMD | MR Egger | 4 | 2.17 | 1.07 | 4.42 | 1.71E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Total body BMD | Simple mode | 4 | 1.32 | 1.05 | 1.65 | 1.07E-01 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Total body BMD | Weighted median | 4 | 1.28 | 1.09 | 1.50 | 2.30E-03 |
| 1063 | 26865 | aparc-Desikan_rh_thickness_isthmuscingulate | Desikan Atlas | Total body BMD | Weighted mode | 4 | 1.30 | 1.03 | 1.63 | 1.18E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Lumbar spine BMD | IVW | 5 | 0.66 | 0.54 | 0.81 | 6.02E-05 |

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|------|-------|--|-----------------|------------------|-----------------|---|------|------|------|----------|
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Lumbar spine BMD | MR Egger | 5 | 0.43 | 0.16 | 1.22 | 2.10E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Lumbar spine BMD | Simple mode | 5 | 0.73 | 0.50 | 1.06 | 1.76E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Lumbar spine BMD | Weighted median | 5 | 0.68 | 0.53 | 0.88 | 3.03E-03 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Lumbar spine BMD | Weighted mode | 5 | 0.75 | 0.51 | 1.12 | 2.25E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Femoral neck BMD | IVW | 5 | 0.83 | 0.69 | 1.01 | 5.70E-02 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Femoral neck BMD | MR Egger | 5 | 0.69 | 0.24 | 2.00 | 5.49E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Femoral neck BMD | Simple mode | 5 | 0.81 | 0.63 | 1.05 | 1.79E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Femoral neck BMD | Weighted median | 5 | 0.80 | 0.66 | 0.97 | 1.98E-02 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Femoral neck BMD | Weighted mode | 5 | 0.81 | 0.62 | 1.04 | 1.82E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Forearm BMD | IVW | 5 | 0.74 | 0.48 | 1.14 | 1.63E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Forearm BMD | MR Egger | 5 | 0.32 | 0.03 | 2.87 | 3.83E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Forearm BMD | Simple mode | 5 | 0.56 | 0.28 | 1.13 | 1.80E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Forearm BMD | Weighted median | 5 | 0.71 | 0.46 | 1.10 | 1.25E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Forearm BMD | Weighted mode | 5 | 0.60 | 0.30 | 1.18 | 2.11E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Heel BMD | IVW | 5 | 0.86 | 0.75 | 0.98 | 2.91E-02 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Heel BMD | MR Egger | 5 | 0.74 | 0.35 | 1.57 | 4.80E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Heel BMD | Simple mode | 5 | 0.97 | 0.91 | 1.03 | 3.72E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Heel BMD | Weighted median | 5 | 0.95 | 0.90 | 1.01 | 1.12E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Heel BMD | Weighted mode | 5 | 0.97 | 0.92 | 1.03 | 3.55E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Total body BMD | IVW | 5 | 0.90 | 0.80 | 1.02 | 7.37E-02 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Total body BMD | MR Egger | 5 | 0.81 | 0.46 | 1.43 | 5.21E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Total body BMD | Simple mode | 5 | 0.85 | 0.70 | 1.04 | 2.05E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Total body BMD | Weighted median | 5 | 0.90 | 0.77 | 1.05 | 1.67E-01 |
| 1214 | 27439 | aparc-a2009s_lh_thickness_G-temporal-inf | Destrieux Atlas | Total body BMD | Weighted mode | 5 | 0.88 | 0.72 | 1.09 | 3.20E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | IVW | 9 | 1.12 | 0.93 | 1.35 | 2.02E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | MR Egger | 9 | 3.33 | 1.71 | 6.50 | 8.60E-03 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | Simple mode | 9 | 0.96 | 0.73 | 1.27 | 7.62E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | Weighted median | 9 | 1.09 | 0.91 | 1.31 | 3.95E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Lumbar spine BMD | Weighted mode | 9 | 1.00 | 0.76 | 1.31 | 9.73E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | IVW | 9 | 1.16 | 1.01 | 1.34 | 4.20E-02 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | MR Egger | 9 | 1.19 | 0.54 | 2.64 | 6.86E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | Simple mode | 9 | 1.05 | 0.88 | 1.26 | 5.74E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | Weighted median | 9 | 1.11 | 0.96 | 1.28 | 1.53E-01 |

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|-----|-------|---|-----------------|------------------|-----------------|---|-------|------|--------|----------|
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Femoral neck BMD | Weighted mode | 9 | 1.05 | 0.88 | 1.26 | 5.95E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | IVW | 9 | 1.02 | 0.82 | 1.28 | 8.46E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | MR Egger | 9 | 1.14 | 0.31 | 4.16 | 8.52E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | Simple mode | 9 | 1.19 | 0.74 | 1.91 | 4.80E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | Weighted median | 9 | 1.14 | 0.85 | 1.51 | 3.86E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Forearm BMD | Weighted mode | 9 | 1.18 | 0.75 | 1.85 | 5.01E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | IVW | 7 | 1.16 | 1.07 | 1.26 | 3.02E-04 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | MR Egger | 7 | 1.69 | 1.29 | 2.23 | 1.29E-02 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | Simple mode | 7 | 1.19 | 1.03 | 1.38 | 5.79E-02 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | Weighted median | 7 | 1.12 | 1.07 | 1.18 | 7.03E-06 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Heel BMD | Weighted mode | 7 | 1.05 | 0.92 | 1.20 | 5.01E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | IVW | 9 | 0.97 | 0.85 | 1.11 | 6.51E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | MR Egger | 9 | 1.35 | 0.60 | 3.06 | 5.03E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | Simple mode | 9 | 1.05 | 0.91 | 1.22 | 5.40E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | Weighted median | 9 | 1.03 | 0.93 | 1.15 | 6.24E-01 |
| 935 | 27392 | aparc-a2009s_lh_area_S-orbital-H-Shaped | Destrieux Atlas | Total body BMD | Weighted mode | 9 | 1.04 | 0.89 | 1.22 | 5.91E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Lumbar spine BMD | IVW | 7 | 1.43 | 0.94 | 2.18 | 9.60E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Lumbar spine BMD | MR Egger | 7 | 2.13 | 0.28 | 16.06 | 4.89E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Lumbar spine BMD | Simple mode | 7 | 1.32 | 0.83 | 2.08 | 2.85E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Lumbar spine BMD | Weighted median | 7 | 1.43 | 1.12 | 1.82 | 4.09E-03 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Lumbar spine BMD | Weighted mode | 7 | 1.37 | 1.04 | 1.81 | 6.20E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Femoral neck BMD | IVW | 7 | 1.52 | 1.19 | 1.93 | 8.14E-04 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Femoral neck BMD | MR Egger | 7 | 3.33 | 1.33 | 8.33 | 4.91E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Femoral neck BMD | Simple mode | 7 | 1.64 | 1.13 | 2.37 | 3.94E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Femoral neck BMD | Weighted median | 7 | 1.45 | 1.18 | 1.79 | 5.91E-04 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Femoral neck BMD | Weighted mode | 7 | 1.64 | 1.24 | 2.18 | 1.43E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Forearm BMD | IVW | 7 | 2.13 | 1.03 | 4.39 | 4.51E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Forearm BMD | MR Egger | 7 | 25.00 | 1.67 | 375.00 | 6.66E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Forearm BMD | Simple mode | 7 | 0.96 | 0.60 | 1.55 | 8.62E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Forearm BMD | Weighted median | 7 | 1.18 | 0.76 | 1.82 | 4.75E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Forearm BMD | Weighted mode | 7 | 0.92 | 0.60 | 1.41 | 6.98E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Heel BMD | IVW | 8 | 1.49 | 0.99 | 2.26 | 5.76E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Heel BMD | MR Egger | 8 | 16.67 | 7.45 | 37.27 | 9.08E-04 |

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|---|-------|---------------------------------------|---------------|------------------|-----------------|---|-------|------|--------|----------|
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Heel BMD | Simple mode | 8 | 1.19 | 1.11 | 1.28 | 1.94E-03 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Heel BMD | Weighted median | 8 | 1.14 | 1.07 | 1.21 | 3.77E-05 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Heel BMD | Weighted mode | 8 | 1.14 | 1.07 | 1.21 | 3.90E-03 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Total body BMD | IVW | 8 | 1.54 | 0.84 | 2.82 | 1.54E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Total body BMD | MR Egger | 8 | 16.67 | 2.10 | 132.29 | 5.75E-02 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Total body BMD | Simple mode | 8 | 0.95 | 0.82 | 1.10 | 5.09E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Total body BMD | Weighted median | 8 | 0.95 | 0.83 | 1.09 | 4.69E-01 |
| 5 | 25005 | IDP_T1_SIENAX_grey_normalised_volume | IDP T1:global | Total body BMD | Weighted mode | 8 | 0.93 | 0.82 | 1.06 | 3.36E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Lumbar spine BMD | IVW | 9 | 1.23 | 0.95 | 1.60 | 1.01E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Lumbar spine BMD | MR Egger | 9 | 2.38 | 1.01 | 5.64 | 8.75E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Lumbar spine BMD | Simple mode | 9 | 1.56 | 1.32 | 1.85 | 6.27E-04 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Lumbar spine BMD | Weighted median | 9 | 1.43 | 1.21 | 1.68 | 3.99E-05 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Lumbar spine BMD | Weighted mode | 9 | 1.56 | 1.30 | 1.88 | 1.11E-03 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Femoral neck BMD | IVW | 9 | 1.30 | 1.12 | 1.51 | 5.85E-04 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Femoral neck BMD | MR Egger | 9 | 1.47 | 0.84 | 2.57 | 2.15E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Femoral neck BMD | Simple mode | 9 | 1.32 | 1.05 | 1.65 | 4.54E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Femoral neck BMD | Weighted median | 9 | 1.30 | 1.13 | 1.49 | 8.98E-05 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Femoral neck BMD | Weighted mode | 9 | 1.32 | 1.05 | 1.64 | 3.70E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Forearm BMD | IVW | 9 | 1.43 | 0.82 | 2.48 | 2.05E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Forearm BMD | MR Egger | 9 | 2.94 | 0.36 | 24.25 | 3.39E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Forearm BMD | Simple mode | 9 | 0.86 | 0.59 | 1.26 | 4.69E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Forearm BMD | Weighted median | 9 | 0.90 | 0.68 | 1.19 | 4.77E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Forearm BMD | Weighted mode | 9 | 0.88 | 0.62 | 1.24 | 4.74E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Heel BMD | IVW | 9 | 1.32 | 0.98 | 1.77 | 7.69E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Heel BMD | MR Egger | 9 | 2.13 | 0.67 | 6.77 | 2.41E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Heel BMD | Simple mode | 9 | 1.09 | 1.01 | 1.17 | 4.23E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Heel BMD | Weighted median | 9 | 1.09 | 1.04 | 1.14 | 9.49E-05 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Heel BMD | Weighted mode | 9 | 1.08 | 1.02 | 1.13 | 2.52E-02 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Total body BMD | IVW | 9 | 1.23 | 0.80 | 1.90 | 3.49E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Total body BMD | MR Egger | 9 | 2.13 | 0.37 | 12.15 | 4.10E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Total body BMD | Simple mode | 9 | 0.99 | 0.85 | 1.15 | 8.70E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Total body BMD | Weighted median | 9 | 0.96 | 0.86 | 1.08 | 4.92E-01 |
| 9 | 25009 | IDP_T1_SIENAX_brain-normalised_volume | IDP T1:global | Total body BMD | Weighted mode | 9 | 0.98 | 0.87 | 1.10 | 7.39E-01 |

| | | | | | | | | | | |
|----|-------|---------------------------------------|---------------------------|------------------|-----|---|------|------|-------|----------|
| 93 | 25849 | IDP_T1_FAST_ROIs_R_parahipp_gyrus_ant | IDP T1:unilateral regions | Lumbar spine BMD | IVW | 2 | 1.82 | 1.35 | 2.44 | 6.24E-05 |
| 93 | 25849 | IDP_T1_FAST_ROIs_R_parahipp_gyrus_ant | IDP T1:unilateral regions | Femoral neck BMD | IVW | 2 | 1.89 | 1.14 | 3.13 | 1.35E-02 |
| 93 | 25849 | IDP_T1_FAST_ROIs_R_parahipp_gyrus_ant | IDP T1:unilateral regions | Forearm BMD | IVW | 2 | 5.88 | 0.95 | 36.42 | 6.94E-02 |
| 93 | 25849 | IDP_T1_FAST_ROIs_R_parahipp_gyrus_ant | IDP T1:unilateral regions | Heel BMD | IVW | 2 | 3.03 | 0.83 | 11.02 | 8.99E-02 |
| 93 | 25849 | IDP_T1_FAST_ROIs_R_parahipp_gyrus_ant | IDP T1:unilateral regions | Total body BMD | IVW | 2 | 4.00 | 0.96 | 16.65 | 5.69E-02 |
