

Annex Tables and Figures

Chrosam CHANGE study analysis

Annex Table 1: baseline demographics of those lost to follow up

| | Survivors to 7 years post-discharge (n=320) | Loss to Follow Up (190) |
|--|--|----------------------------|
| Basic Demographics | | |
| Median age /would be age (at 7 years post discharge) (years) | 9.3 (range 7.4 – 20.1) | 8 (range 7 - 19) |
| Males (gender) | 174 (55%) | 108 (57%) |
| Median Birth Order | 2 (IQR 1-4) | 2 (IQR 1-3) |
| Clinical History | | |
| HIV | | |
| Seropositive | 90/320 (28%) | 44/190(23%) |
| Seronegative | 208/320(65%) | 121/190(64%) |
| Unknown | 22/320 (7%) | 25/190 (13%) |
| History of TB | 18/317 (5.7%) | 4/173 (2%) |
| Weight for age z-score (mean (SD)) (minimum on ward) | -3.66 (1.39) | -3.66 (1.44) |
| Height for age z-score (mean (SD)) (minimum on ward) | -3.14 (1.43) | -3.13 (1.50) |
| Family | | |
| Mother died | 51/303 (17%) | 8/159 (5%) |
| Mother HIV positive | 83/222 (37%) | 23/81 (28%) |
| Socioeconomic status | | |
| Mother with no education | 56/309 (18%) | 13/155 (8%) |
| Father with no education | 39/270 (14%) | 5/122 (4%) |

Annex Table 2: sample size for LCA-derived PMGr classes

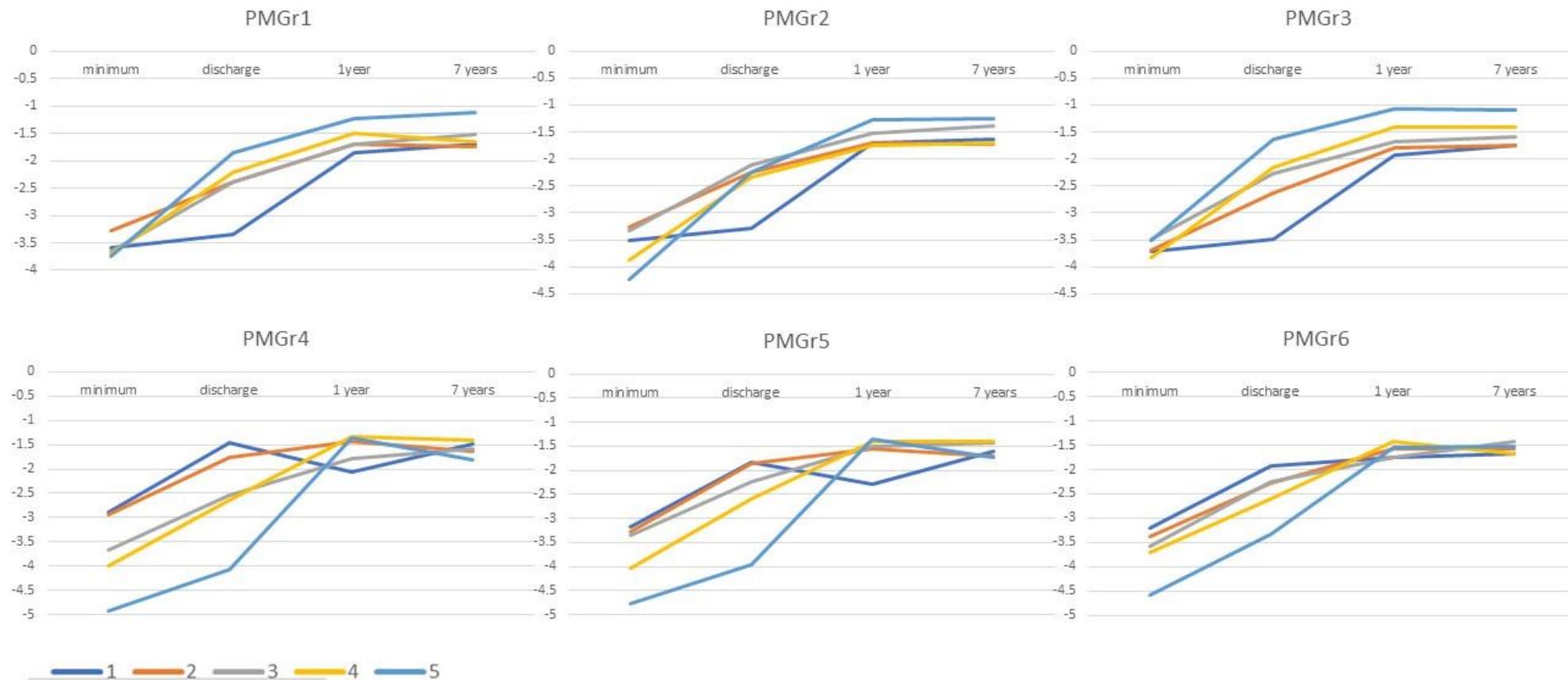


| LCA classes | WAZ LCA N (%) | Weight LCA N (%) | HAZ LCA N (%) |
|-------------|------------------|---------------------|------------------|
| Class 1 | 21 (6.7) | 60 (18.8) | 17 (5.4) |
| Class 2 | 54 (17.1) | 111 (34.8) | 96 (30.2) |
| Class 3 | 78 (24.7) | 97 (30.4) | 121 (38.1) |
| Class 4 | 53 (16.8) | 38 (11.9) | 75 (23.6) |
| Class 5 | 16 (5.1) | 13 (4.1) | 8 (2.5) |
| Class 6 | 94 (29.8) | N/A | N/A |

Annex Figure 1: mean WAZ, weight, and HAZ over time



Annex Figure 2: Mean quintile weight-for-age z-scores (WAZ) according to five post-malnutrition growth rate definition (PMGr) at four (non-uniformly spaced) time point



*1 (dark blue)= slowest quintile, 5(light blue)=fastest quintile

Annex Table 3: Association between PMGr definition quintiles and NCD outcomes

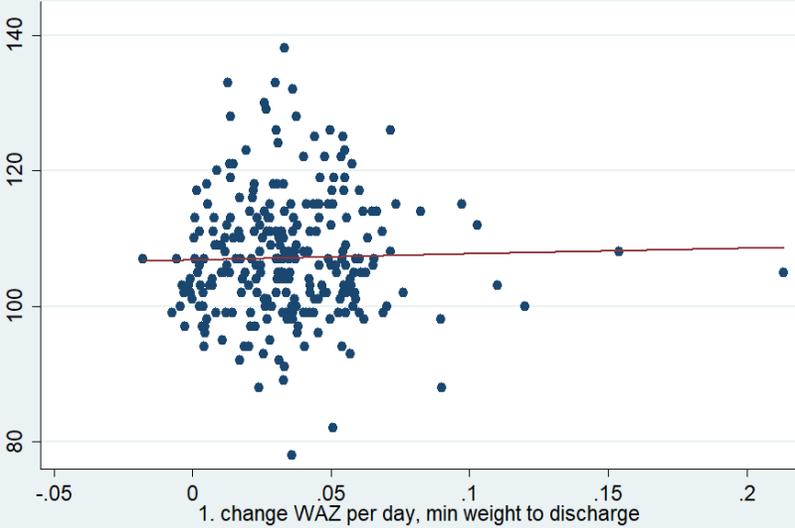
| NCD indicator | PMGr definition | Unadjusted coefficient | P-value | 95% CI | Adjusted coefficient | P-value | 95% CI |
|---------------------|-----------------|------------------------|--------------|-----------------------|----------------------|--------------|---------------------|
| Systolic BP | 1 | 0.368 | 0.349 | (-0.40, 1.14) | -0.061 | 0.877 | (-0.84, 0.72) |
| | 2 | 0.010 | 0.979 | (-0.77, 0.79) | -0.072 | 0.847 | (-0.80, 0.66) |
| | 3 | 0.629 | 0.115 | (-0.15, 1.41) | -0.158 | 0.682 | (-0.92, 0.60) |
| | 4 | -1.081 | 0.012 | (-1.92, -0.24) | -0.703 | 0.113 | (-1.57, 0.17) |
| | 5 | -0.919 | 0.030 | (-1.75, -0.09) | -0.373 | 0.400 | (-1.25, 0.49) |
| | 6 | -0.164 | 0.703 | (-1.01, 0.68) | -0.360 | 0.390 | (-1.18, 0.46) |
| Diastolic BP | 1 | -0.247 | 0.506 | (-0.98, 0.48) | -0.349 | 0.373 | (-1.12, 0.42) |
| | 2 | -0.272 | 0.446 | (-0.97, 0.43) | -0.281 | 0.440 | (-0.99, 0.43) |
| | 3 | 0.026 | 0.943 | (-0.67, 0.73) | -0.234 | 0.535 | (-0.97, 0.51) |
| | 4 | -0.936 | 0.023 | (-1.74, -0.13) | -0.864 | 0.053 | (-1.74, 0.01) |
| | 5 | -0.685 | 0.073 | (-1.44, 0.07) | -0.689 | 0.117 | (-1.55, 0.17) |
| | 6 | 0.242 | 0.558 | (-0.57, 1.05) | -0.024 | 0.954 | (-0.86, 0.81) |
| Hand grip | 1 | 0.106 | 0.488 | (-0.19, 0.41) | 0.037 | 0.797 | (-0.25, 0.32) |
| | 2 | -0.100 | 0.543 | (-0.43, 0.22) | 0.000 | 0.999 | (-0.28, 0.28) |
| | 3 | 0.365 | 0.027 | (0.04, 0.69) | 0.098 | 0.508 | (-0.19, 0.39) |
| | 4 | -0.155 | 0.329 | (-0.47, 0.16) | 0.093 | 0.562 | (-0.22, 0.41) |
| | 5 | -0.459 | 0.010 | (-0.81, -0.11) | 0.079 | 0.643 | (-0.26, 0.42) |
| | 6 | 0.295 | 0.064 | (-0.12, 0.61) | 0.278 | 0.069 | (-0.02, 0.58) |
| Waist circumference | 1 | 0.332 | 0.042 | (0.01, 0.65) | 0.316 | 0.047 | (0.00, 0.63) |
| | 2 | 0.109 | 0.534 | (-0.24, 0.45) | 0.253 | 0.099 | (-0.05, 0.55) |
| | 3 | 0.604 | 0.001 | (0.27, 0.94) | 0.369 | 0.018 | (0.06, 0.68) |
| | 4 | -0.375 | 0.022 | (-0.69, -0.06) | -0.249 | 0.137 | (-0.58, 0.08) |
| | 5 | -0.474 | 0.008 | (-0.82, -0.12) | 0.059 | 0.733 | (-0.28, 0.39) |
| | 6 | -0.214 | 0.189 | (-0.54, 0.11) | -0.299 | 0.059 | (-0.61, 0.01) |

| NCD indicator | PMGr definition | Unadjusted coefficient | P-value | 95% CI | Adjusted coefficient | P-value | 95% CI |
|-----------------------|-----------------|------------------------|--------------|---------------------|----------------------|---------|---------------|
| Waist:Hip ratio | 1 | -0.000 | 0.923 | (-0.01, 0.01) | 0.001 | 0.796 | (-0.00, 0.01) |
| | 2 | 0.002 | 0.441 | (-0.00, 0.01) | 0.002 | 0.382 | (-0.00, 0.01) |
| | 3 | -0.002 | 0.409 | (-0.01, 0.00) | 0.000 | 0.993 | (-0.01, 0.01) |
| | 4 | 0.004 | 0.155 | (-0.00, 0.01) | -0.000 | 0.989 | (-0.01, 0.01) |
| | 5 | 0.005 | 0.061 | (-0.00, 0.01) | 0.001 | 0.672 | (-0.00, 0.01) |
| | 6 | -0.004 | 0.182 | (-0.01, 0.00) | -0.004 | 0.147 | (-0.01, 0.00) |
| Lean mass index (BIA) | 1 | 0.138 | 0.056 | (-0.00, 0.28) | 0.109 | 0.143 | (-0.04, 0.26) |
| | 2 | 0.039 | 0.577 | (-0.10, 0.18) | 0.041 | 0.559 | (-0.09, 0.18) |
| | 3 | 0.136 | 0.057 | (-0.00, 0.28) | 0.067 | 0.356 | (-0.08, 0.21) |
| | 4 | -0.111 | 0.168 | (-0.27, 0.05) | -0.071 | 0.423 | (-0.24, 0.10) |
| | 5 | -0.141 | 0.067 | (-0.29, 0.01) | -0.015 | 0.860 | (-0.18, 0.15) |
| | 6 | -0.049 | 0.543 | (-0.21, 0.11) | -0.026 | 0.755 | (-0.19, 0.14) |
| Fat mass index (BIA) | 1 | -0.012 | 0.800 | (-0.11, 0.08) | 0.005 | 0.923 | (-0.09, 0.11) |
| | 2 | -0.024 | 0.623 | (-0.12, 0.07) | 0.006 | 0.901 | (-0.09, 0.09) |
| | 3 | 0.082 | 0.094 | (-0.01, 0.18) | 0.065 | 0.186 | (-0.03, 0.16) |
| | 4 | -0.019 | 0.711 | (-0.12, 0.08) | -0.033 | 0.568 | (-0.15, 0.08) |
| | 5 | -0.061 | 0.227 | (-0.16, 0.04) | -0.018 | 0.746 | (-0.13, 0.09) |
| | 6 | 0.051 | 0.337 | (-0.05, 0.16) | 0.006 | 0.910 | (-0.10, 0.11) |
| HAZ | 1 | 0.115 | 0.019 | (0.02, 0.21) | 0.091 | 0.066 | (-0.01, 0.19) |
| | 2 | 0.083 | 0.090 | (-0.01, 0.18) | 0.051 | 0.281 | (-0.04, 0.14) |
| | 3 | 0.049 | 0.310 | (-0.05, 0.15) | 0.097 | 0.05 | (0.00, 0.19) |
| | 4 | -0.023 | 0.663 | (-0.12, 0.08) | -0.013 | 0.819 | (-0.12, 0.09) |
| | 5 | 0.141 | 0.007 | (0.04, 0.24) | 0.089 | 0.114 | (-0.02, 0.20) |
| | 6 | -0.027 | 0.599 | (-0.13, 0.07) | 0.016 | 0.757 | (-0.09, 0.12) |

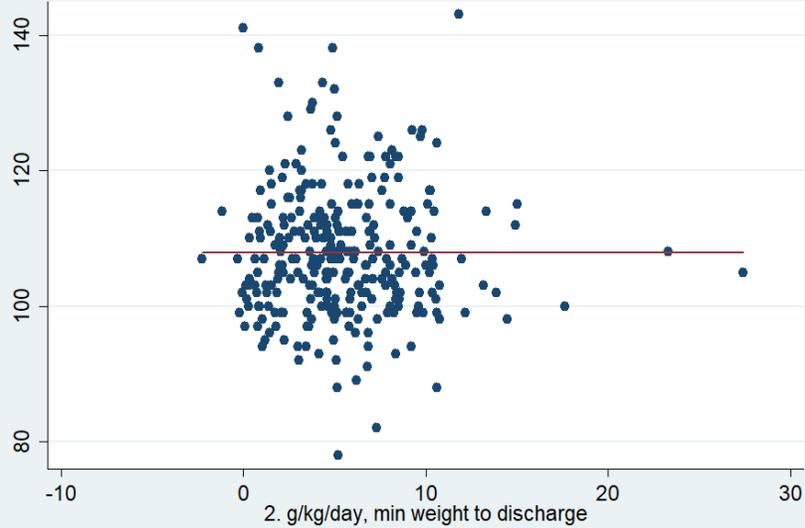
Annex Figures 3a-1h

Scatterplots showing associations between 'no categorised' PMGr indicators and NCD risk outcomes

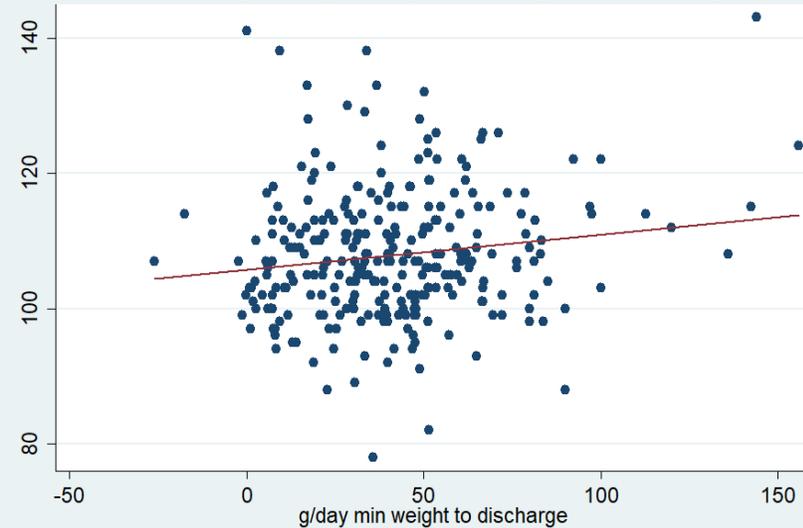
PMGr 1. Change WAZ per day, min weight to discharge



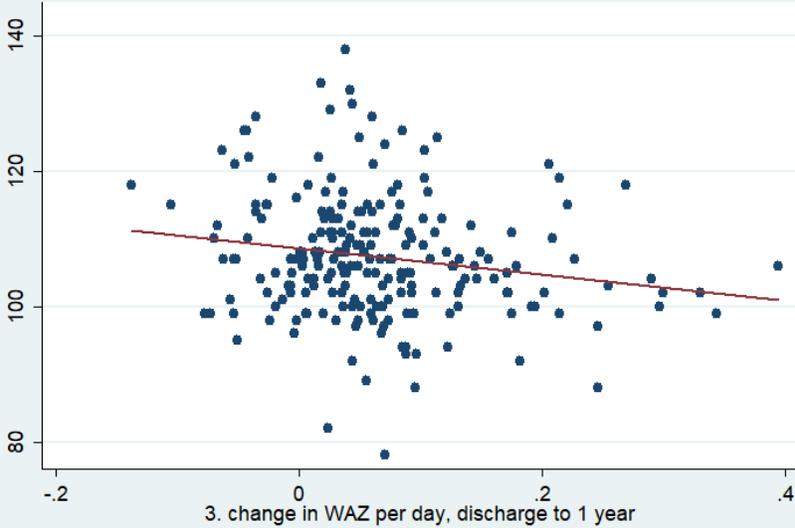
PMGr 2. Weight gain (g/kg/day), min weight to discharge



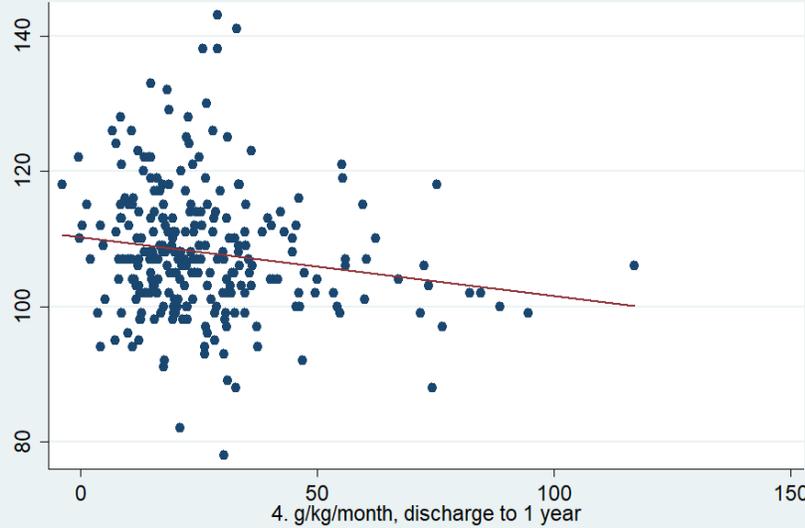
PMGr3: grams per day, min weight to discharge



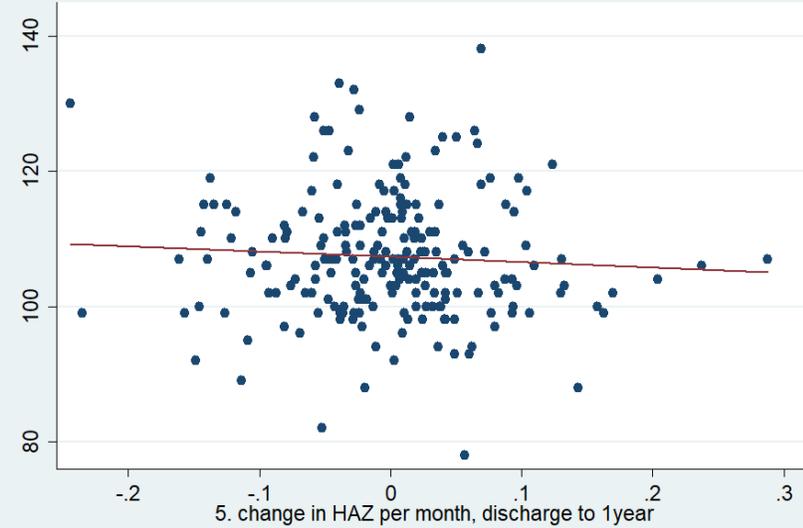
PMGr 4. Change WAZ per day, discharge to 1 year



PMGr 5. Weight gain (g/kg/month), discharge to 1 year

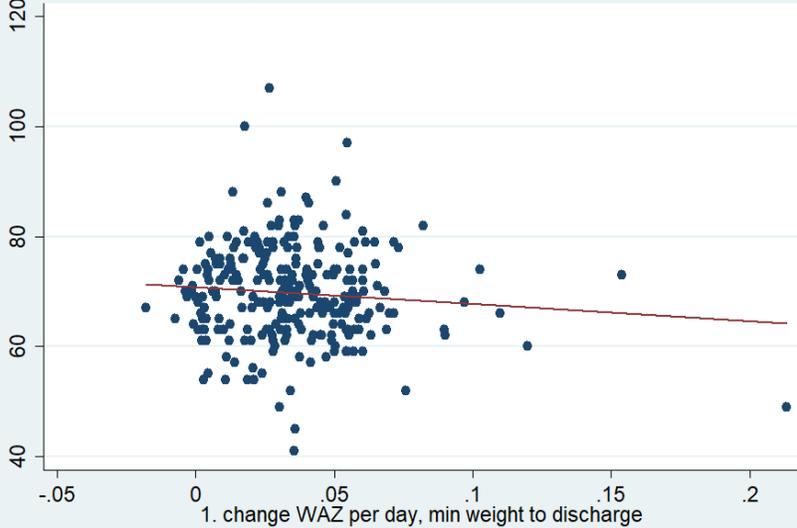


PMGr 6. Change HAZ per month, discharge to 1 year

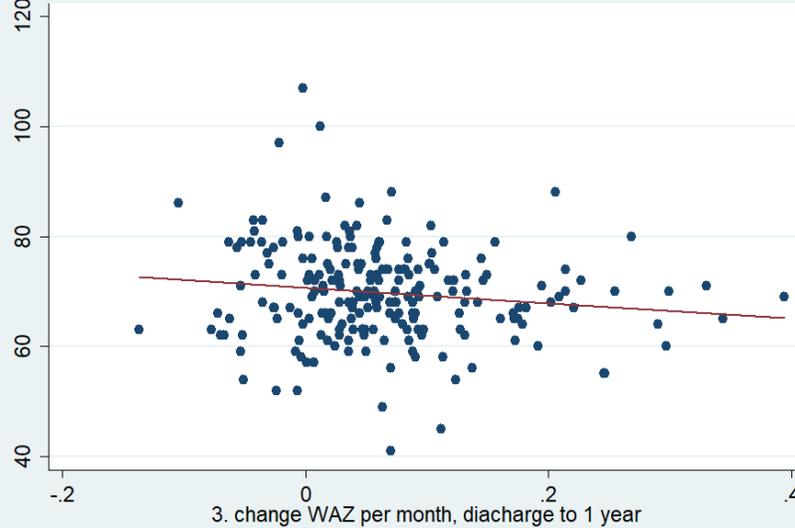


Systolic Blood Pressure

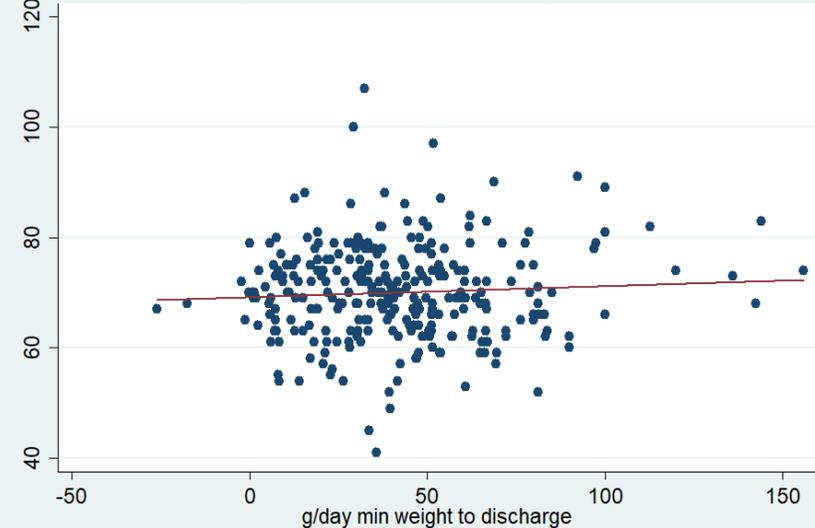
PMGr1: Change WAZ per day, min weight to discharge



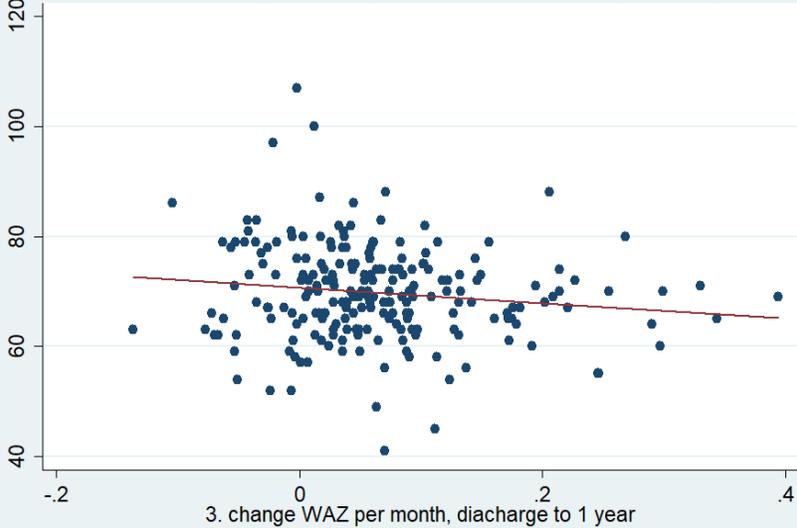
PMGr2: Change WAZ per month, discharge to 1 year



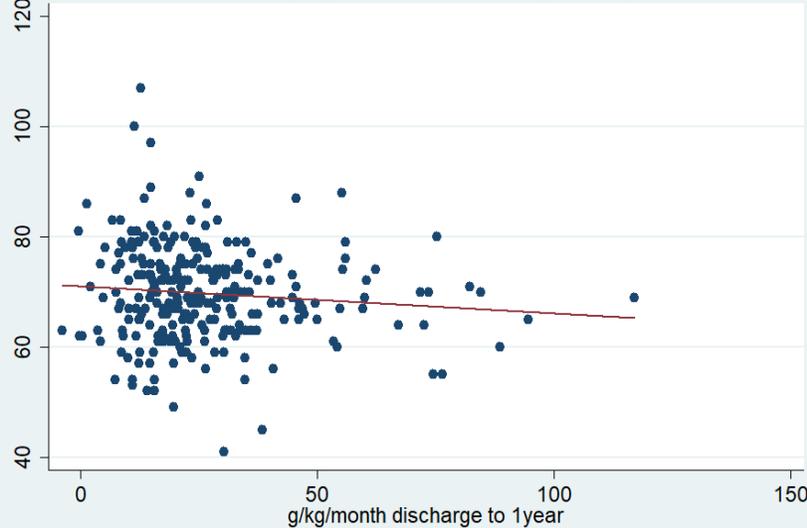
PMGr3: grams per day, min weight to discharge



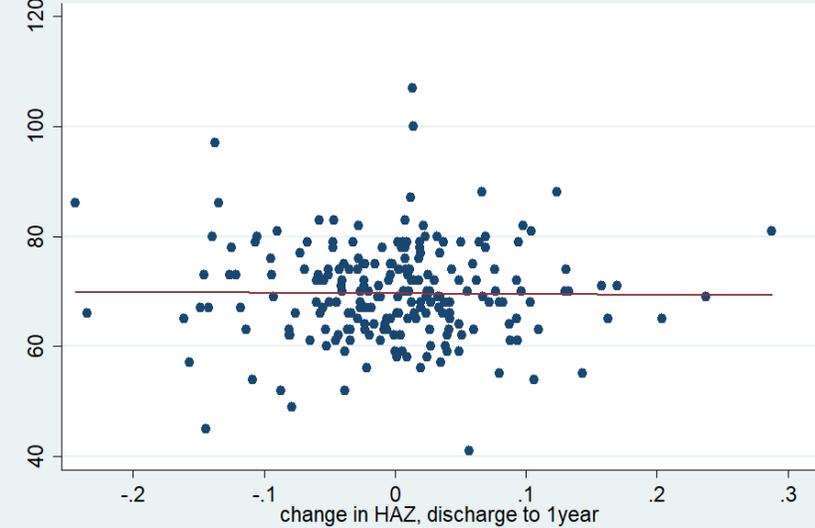
PMGr4: Change WAZ per month, discharge to 1 year



PMGr5: g/kg/month, discharge to 1 year

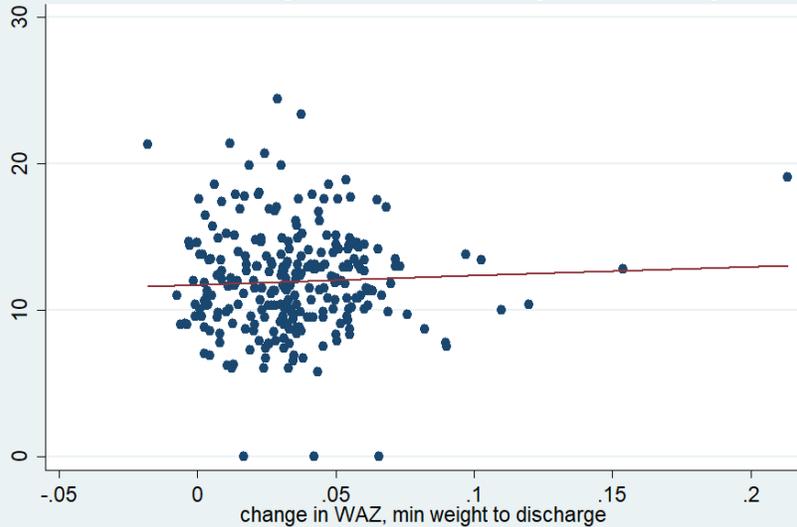


PMGr6: change in HAZ, discharge to 1 year

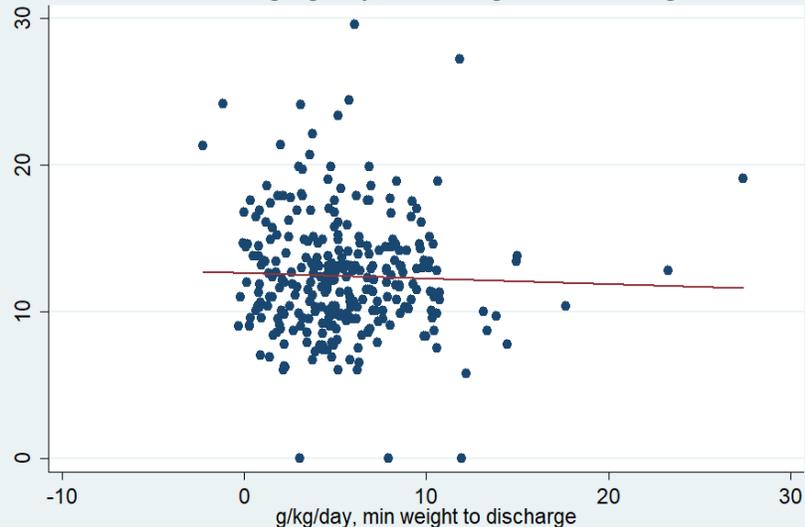


Diastolic Blood Pressure

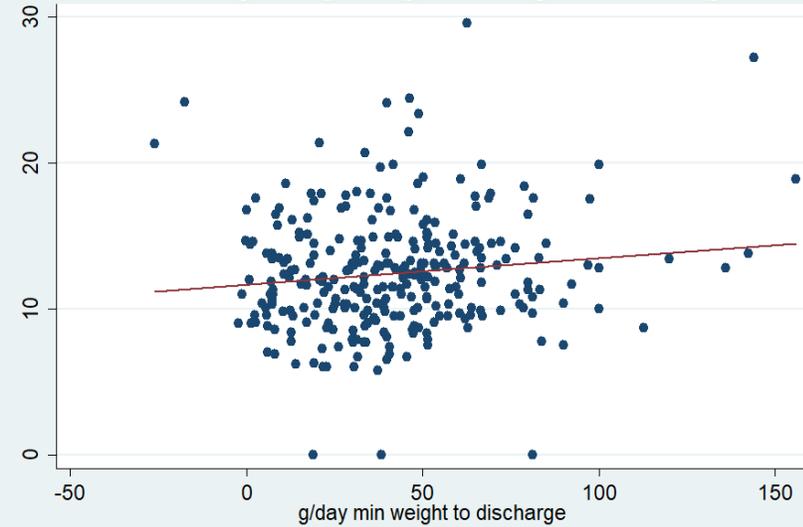
PMGr1: change in WAZ, min weight to discharge



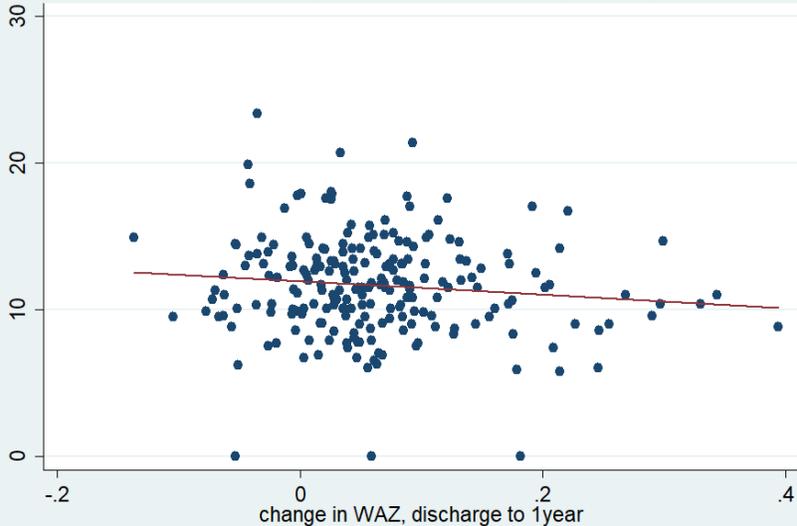
PMGr2: g/kg/day, min weight to discharge



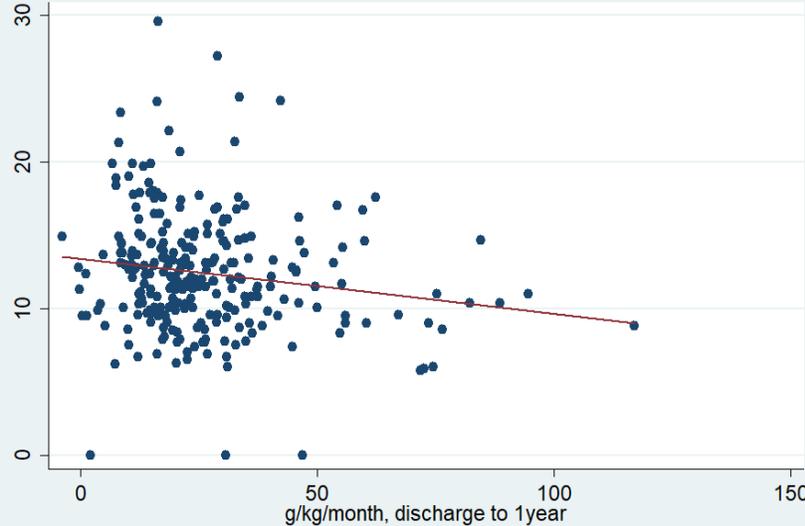
PMGr3: grams per day, min weight to discharge



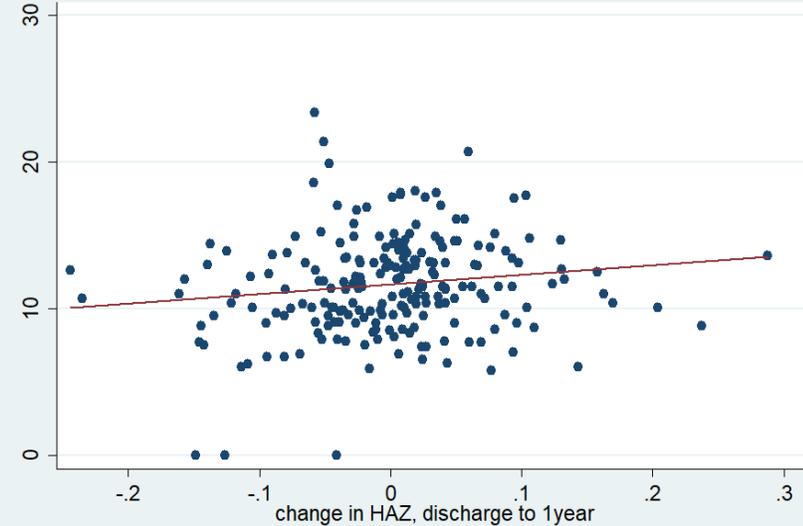
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/month, discharge to 1 year

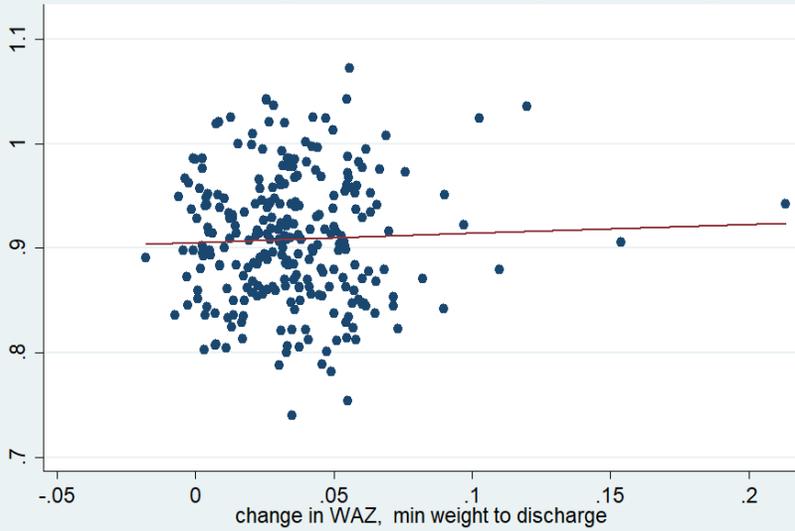


PMGr6: change in HAZ, discharge to 1 year

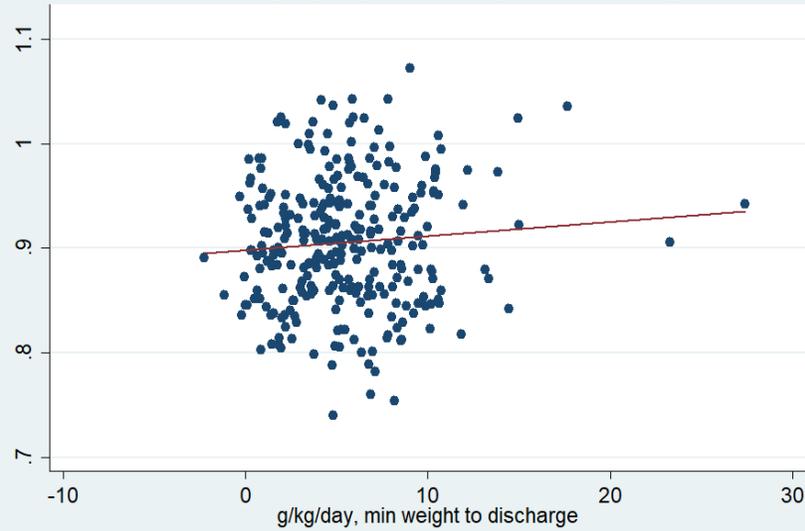


Hand grip strength

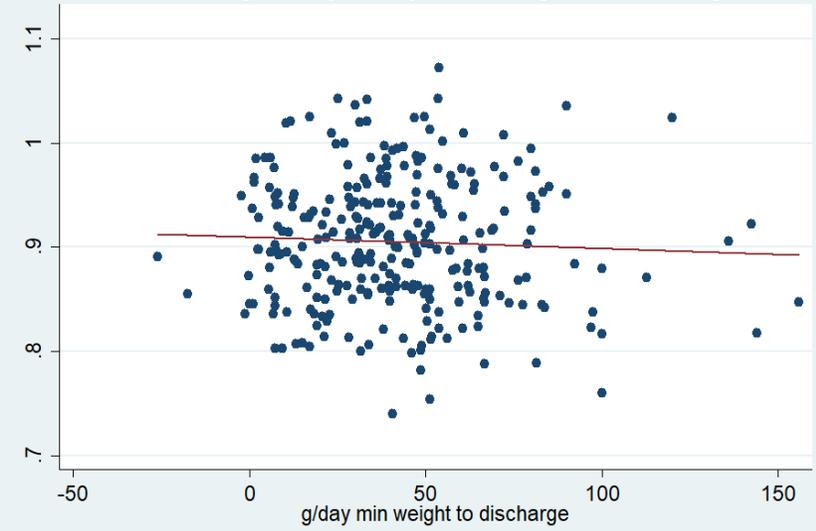
PMGr1: change in WAZ, min weight to discharge



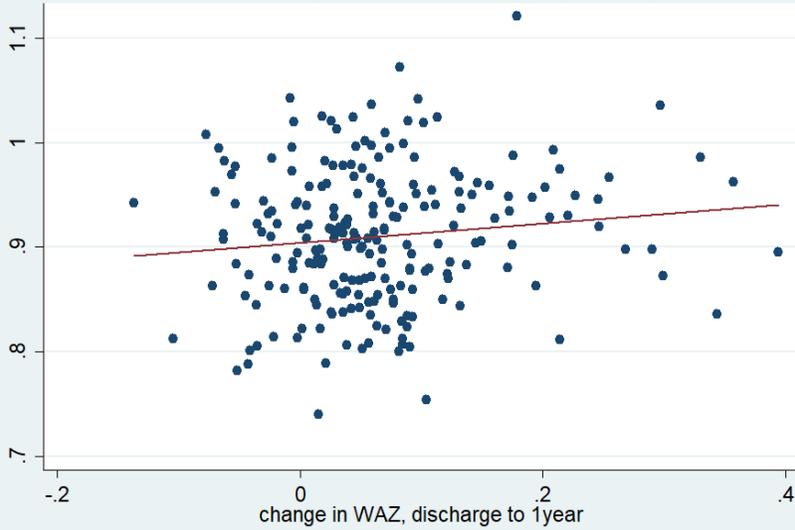
PMGr2: g/kg/day, min weight to discharge



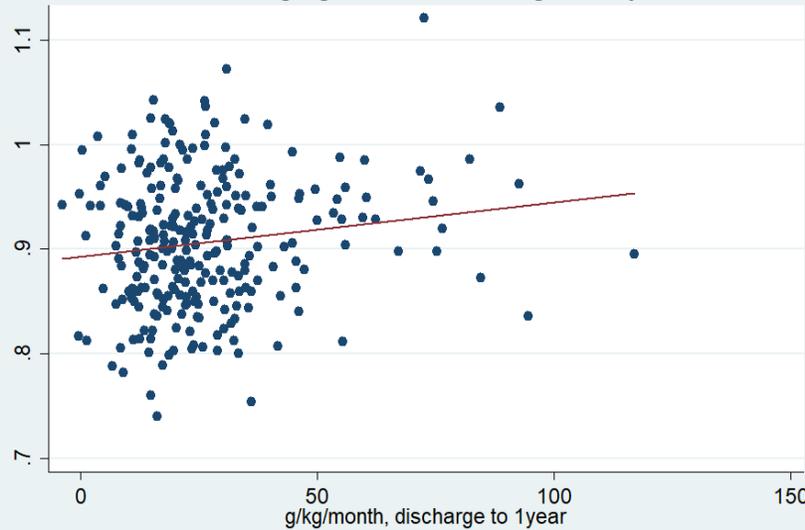
PMGr3: grams per day, min weight to discharge



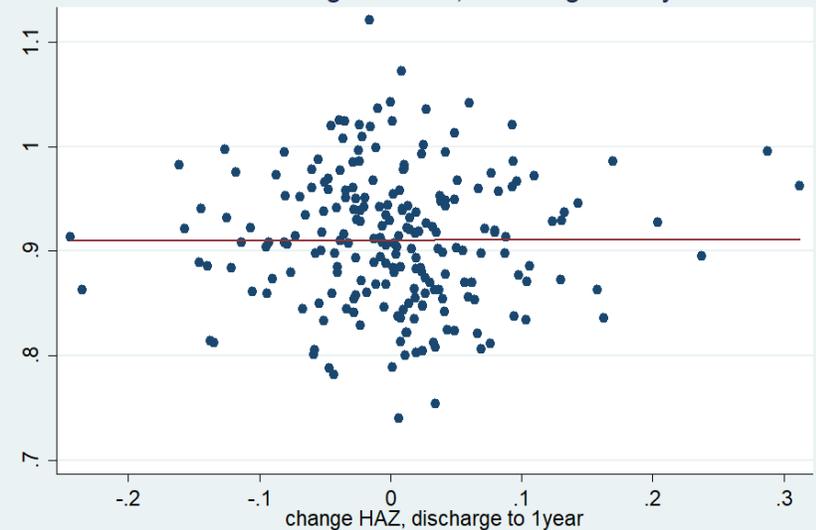
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/month, discharge to 1 year

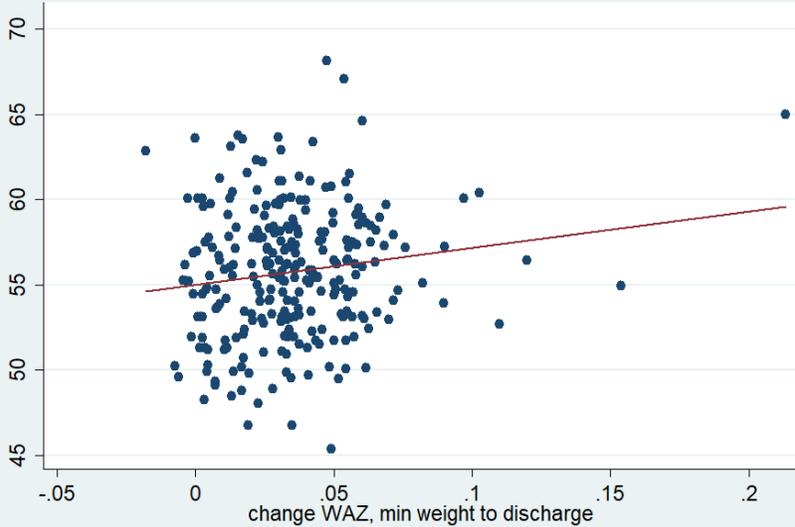


PMGr6: change in HAZ, discharge to 1 year

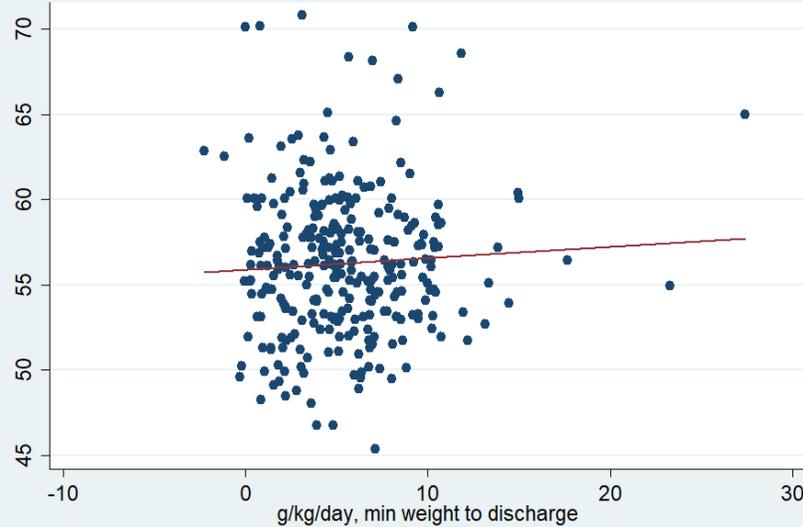


Waist/Hip ratio

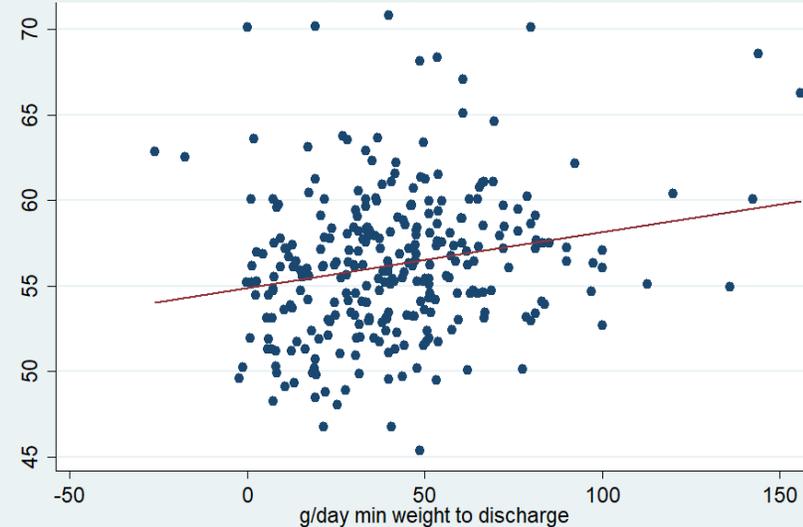
PMGr1: change in WAZ, min weight to discharge



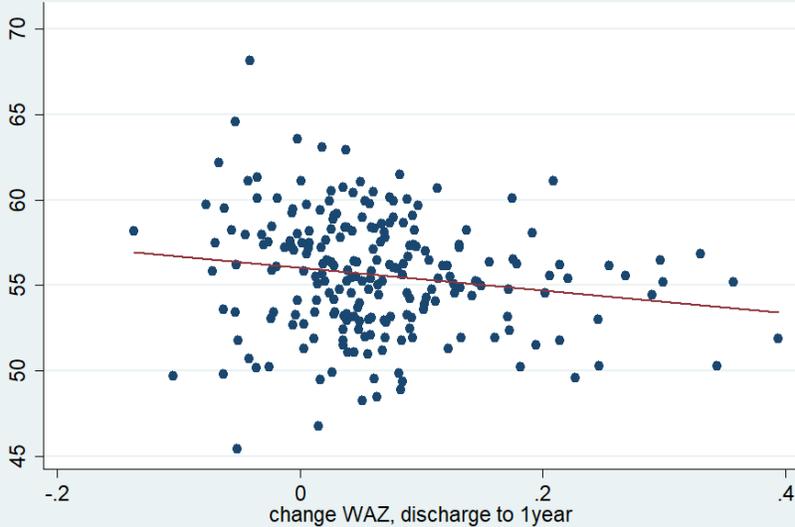
PMGr2: g/kg/day, min weight to discharge



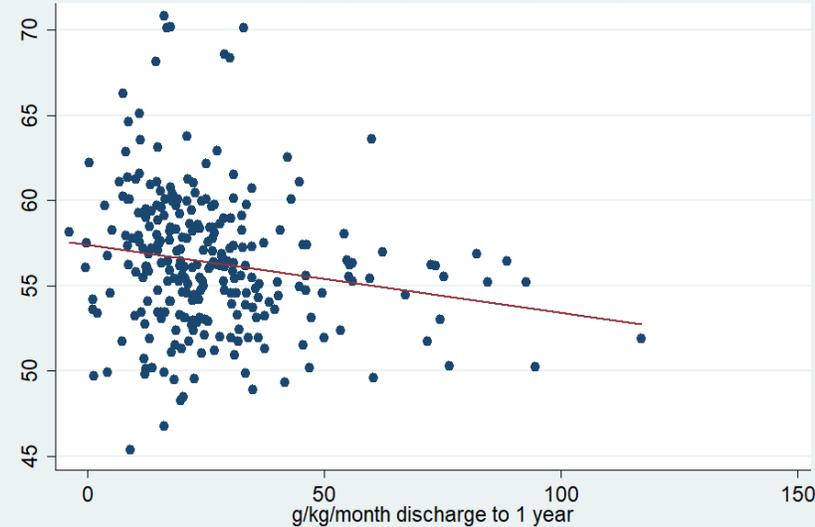
PMGr3: grams per day, min weight to discharge



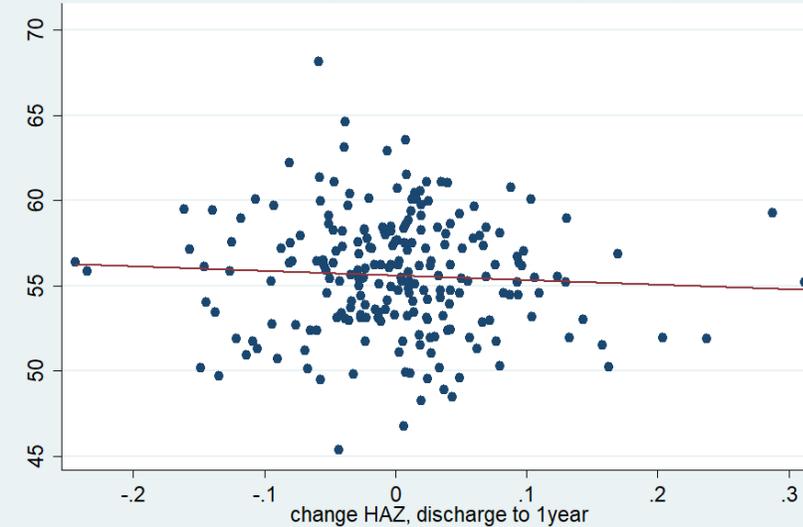
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/day, discharge to 1 year

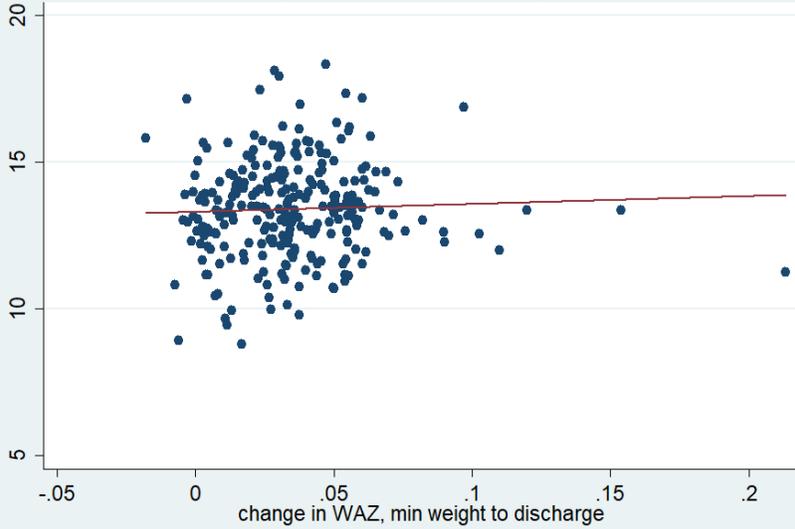


PMGr6: change in HAZ, discharge to 1 year

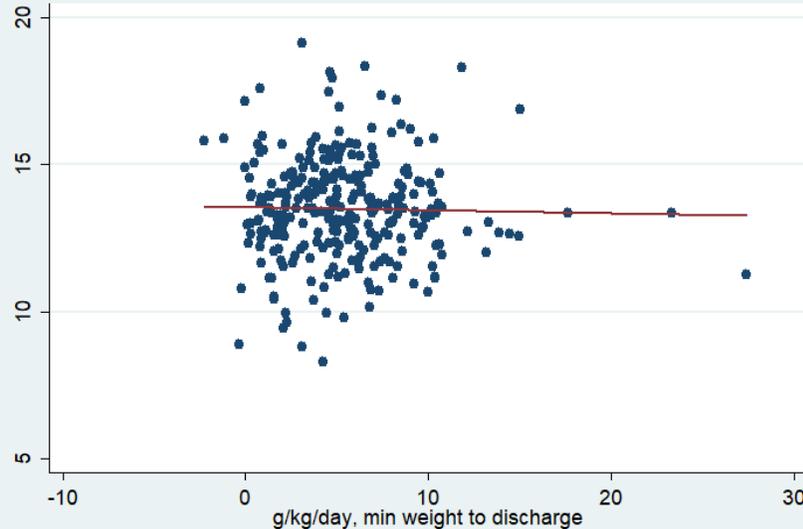


Waist circumference

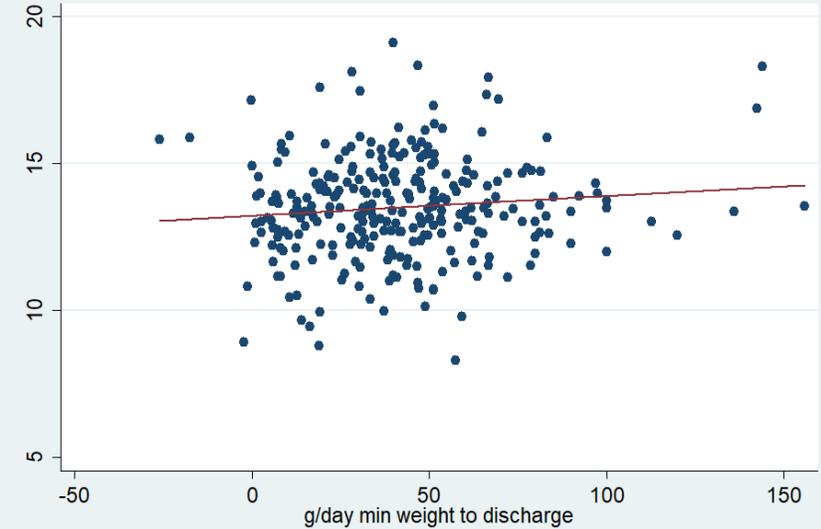
PMGr1: change in WAZ, min weight to discharge



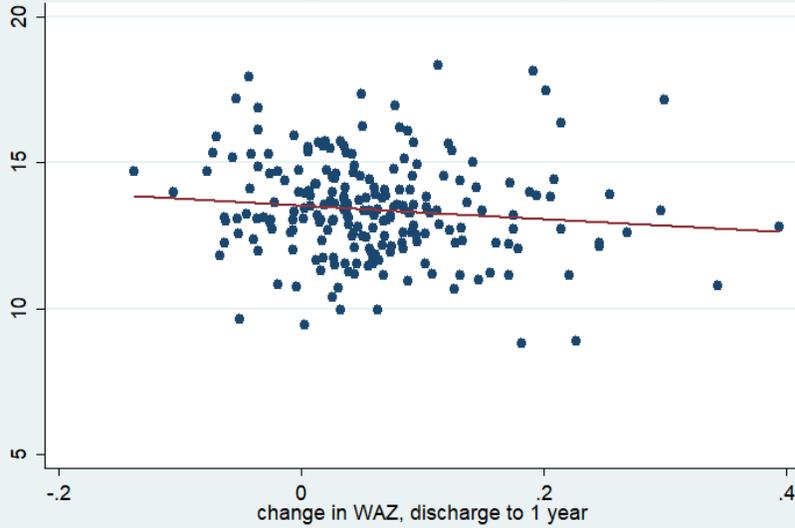
PMGr2: g/kg/day, min weight to discharge



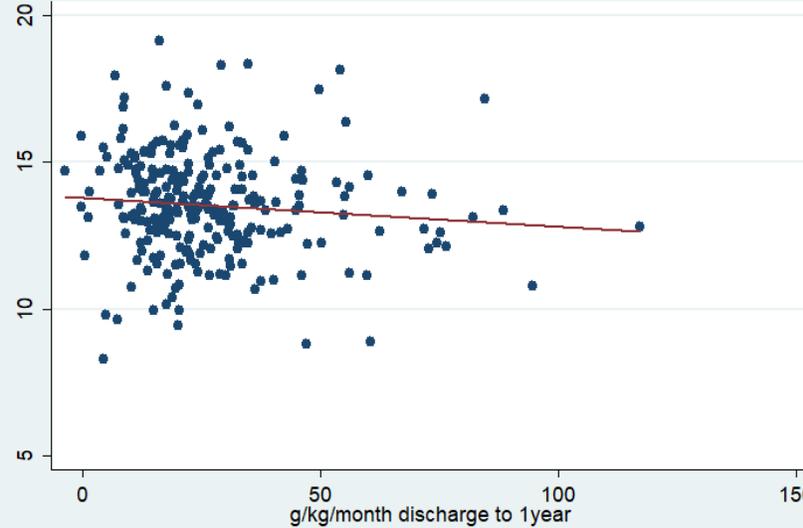
PMGr3: grams per day, min weight to discharge



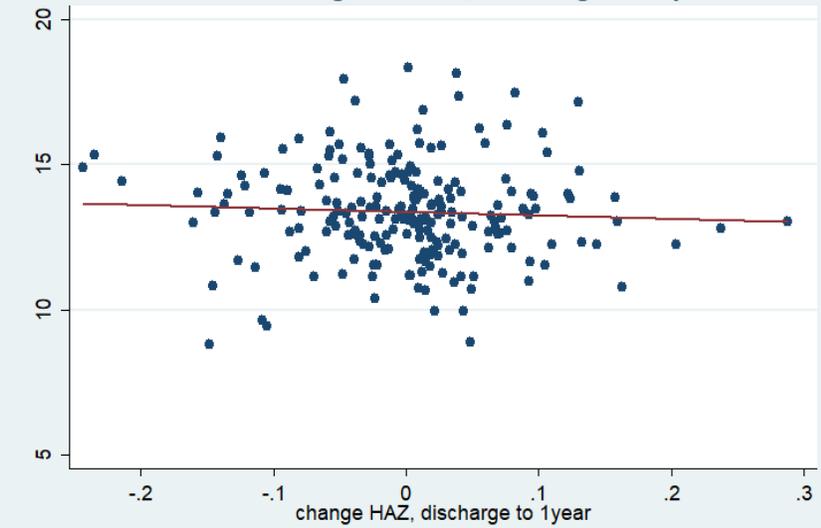
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/month, discharge to 1 year

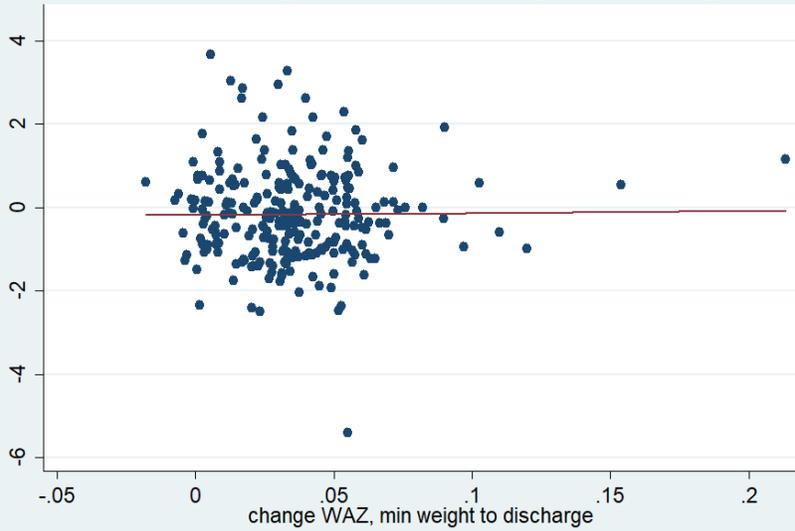


PMGr6: change in HAZ, discharge to 1 year

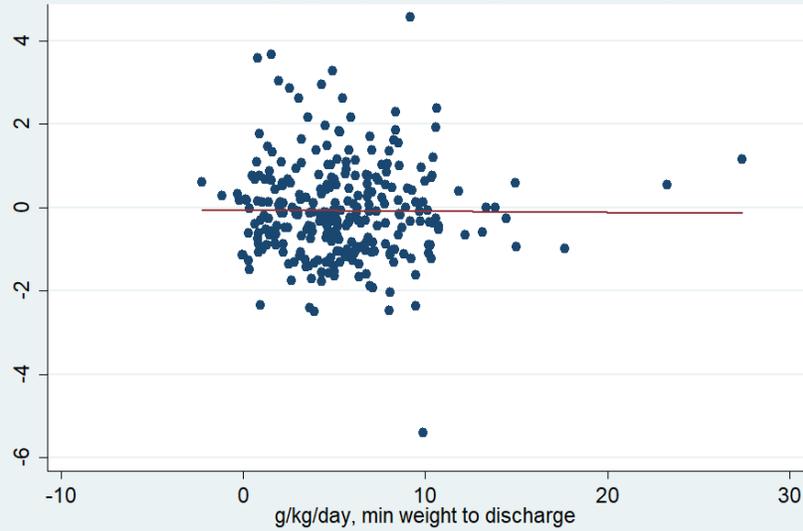


Lean Mass Index

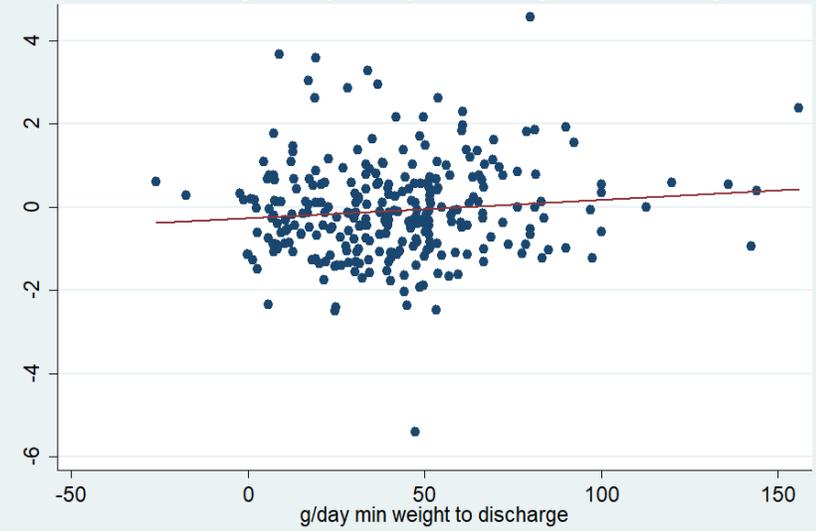
PMGr1: change in WAZ, min weight to discharge



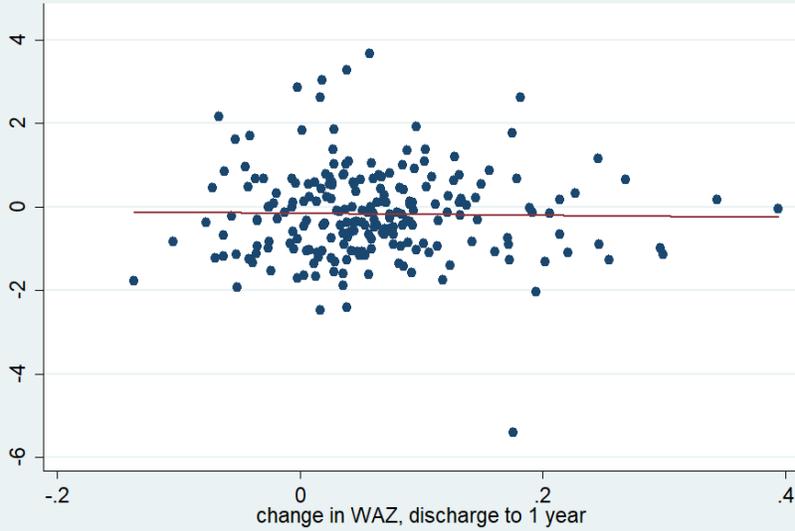
PMGr2: g/kg/day, min weight to discharge



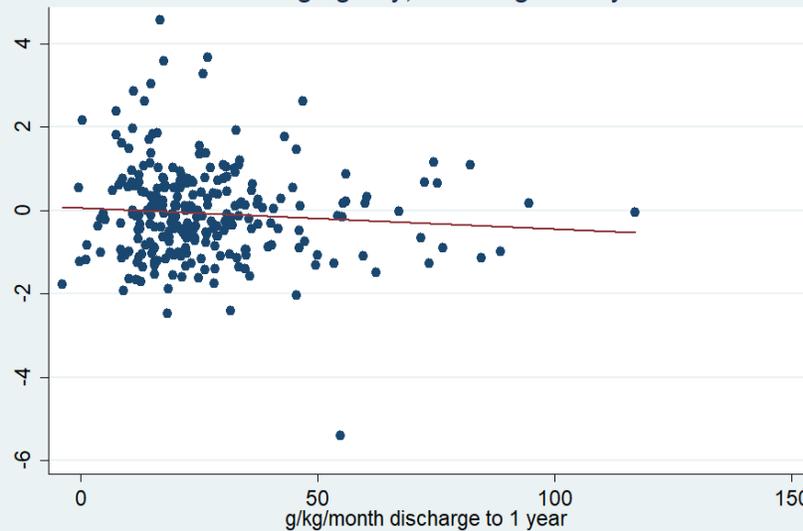
PMGr3: grams per day, min weight to discharge



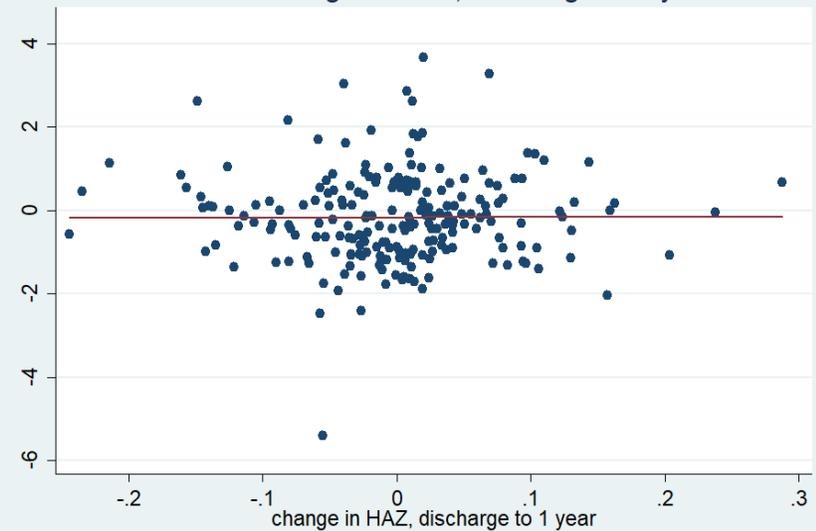
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/day, discharge to 1 year

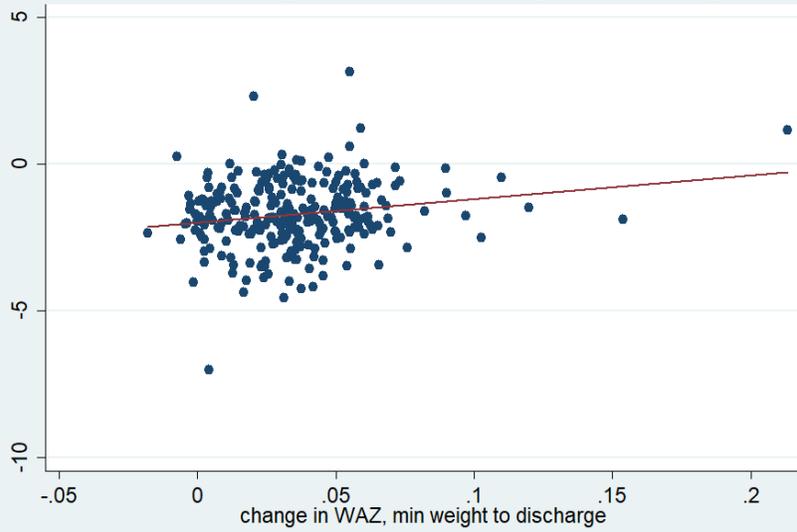


PMGr6: change in HAZ, discharge to 1 year

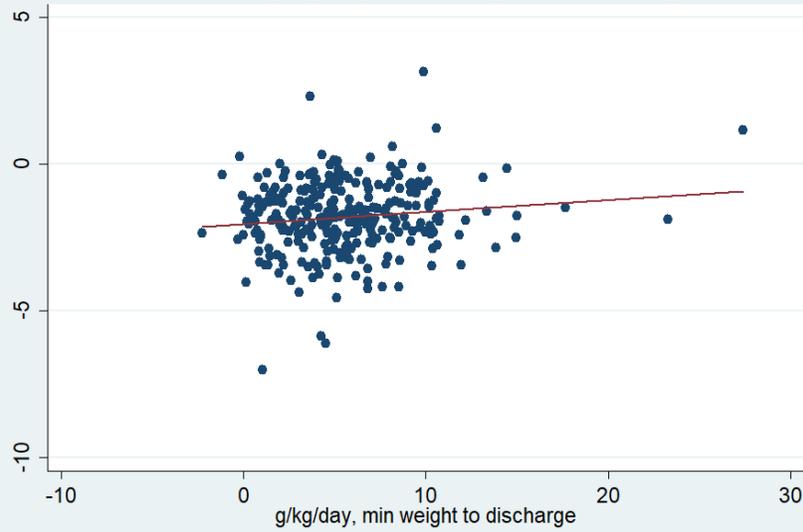


Fat Mass Index

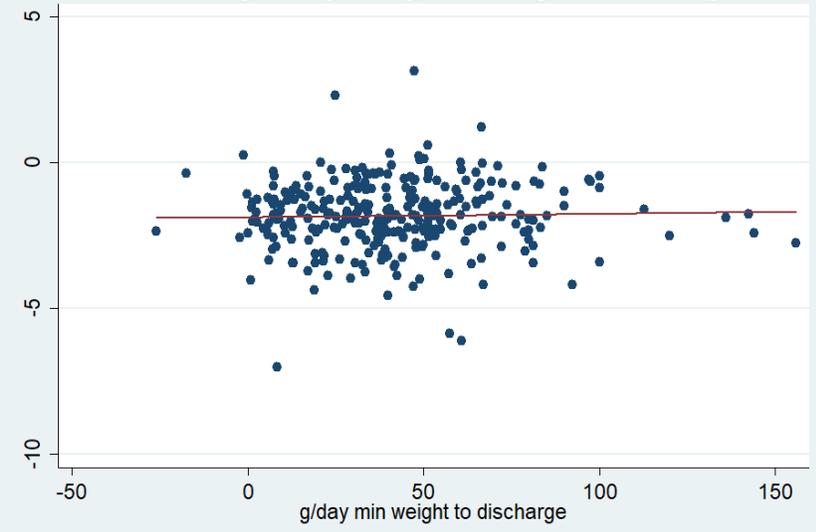
PMGr1: change in WAZ, min weight to discharge



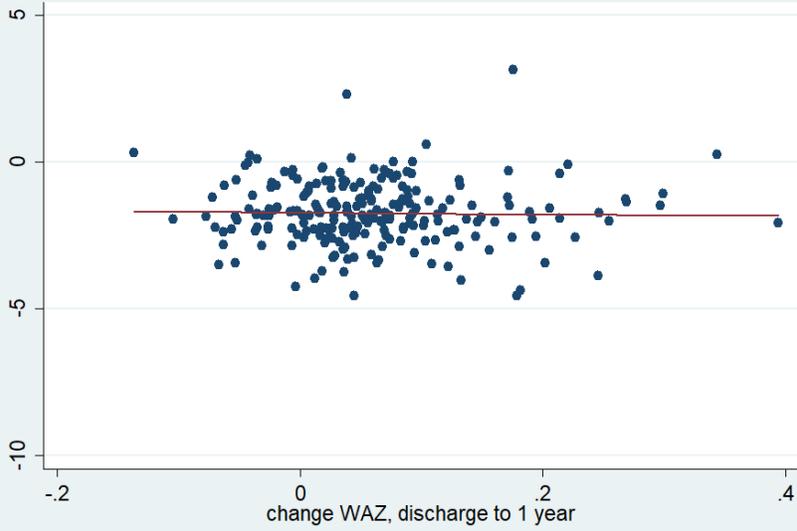
PMGr2: g/kg/day, min weight to discharge



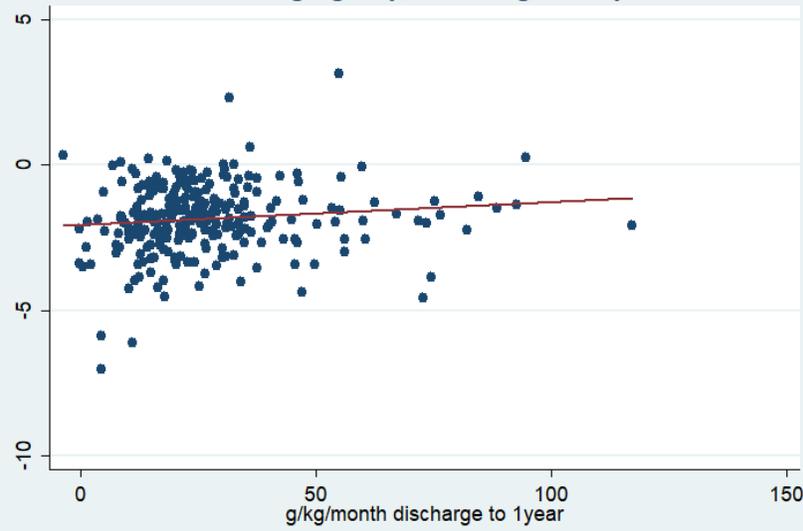
PMGr3: grams per day, min weight to discharge



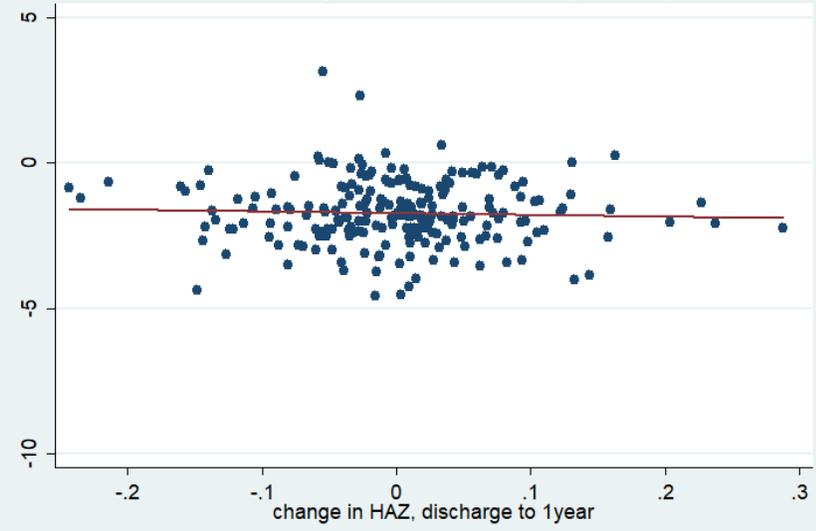
PMGr4: change in WAZ, discharge to 1 year



PMGr5: g/kg/day, discharge to 1 year



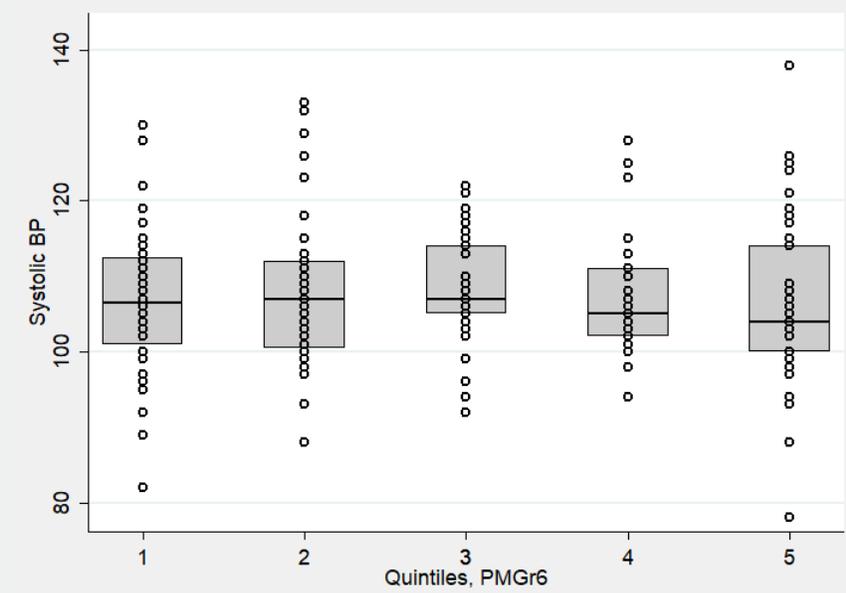
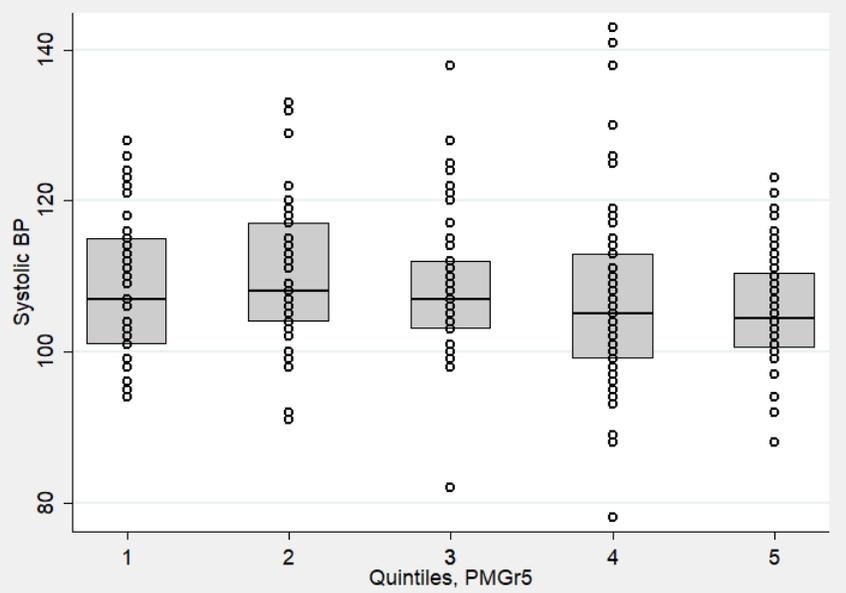
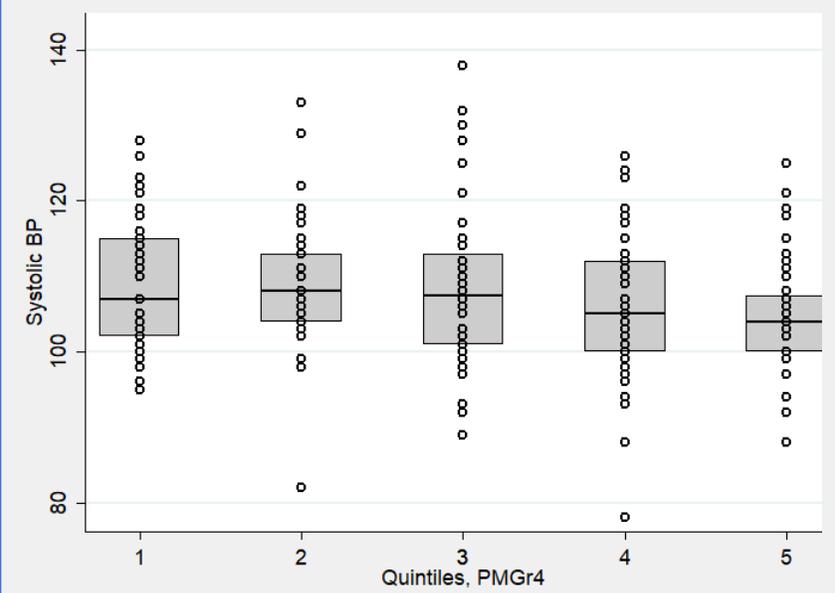
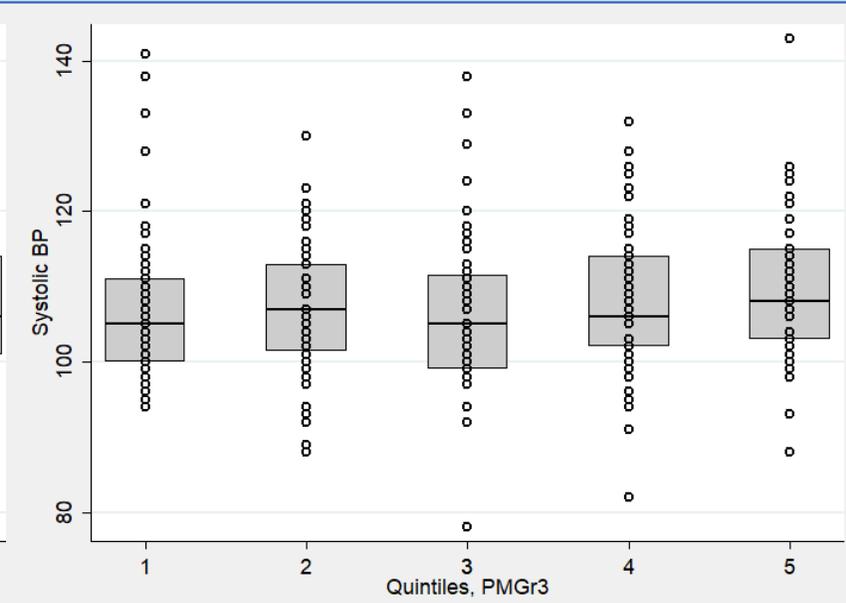
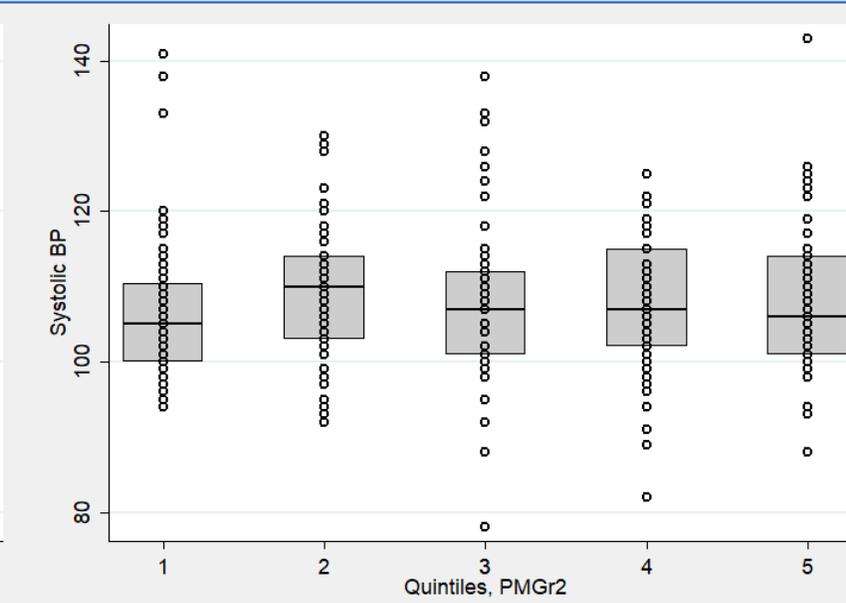
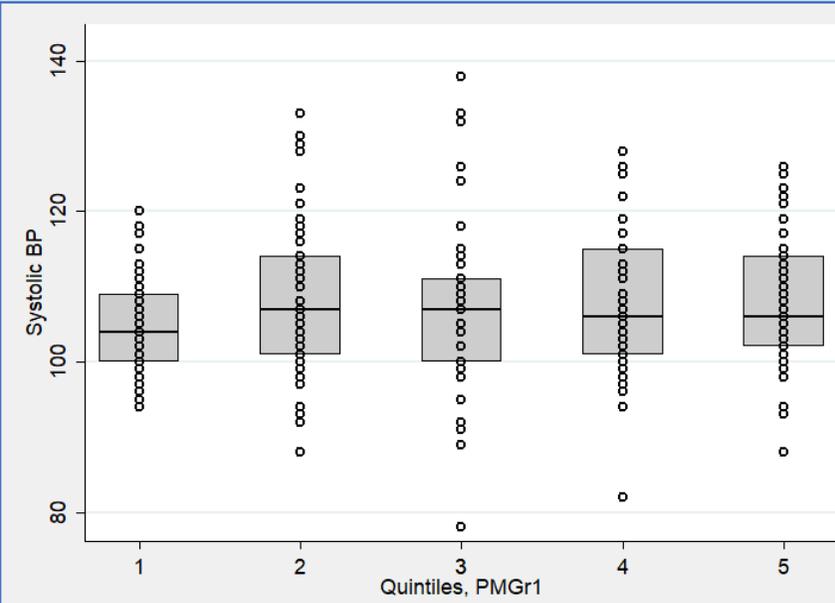
PMGr6: change in HAZ, discharge to 1 year

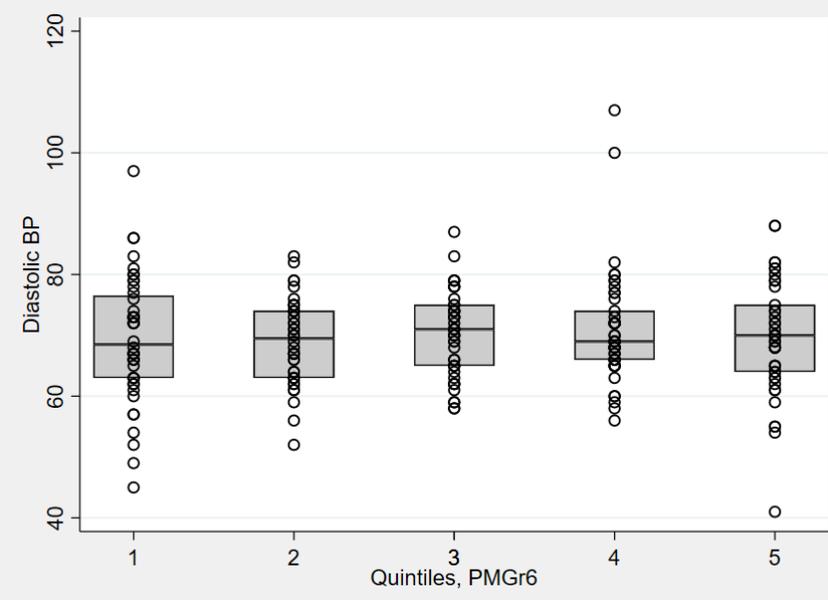
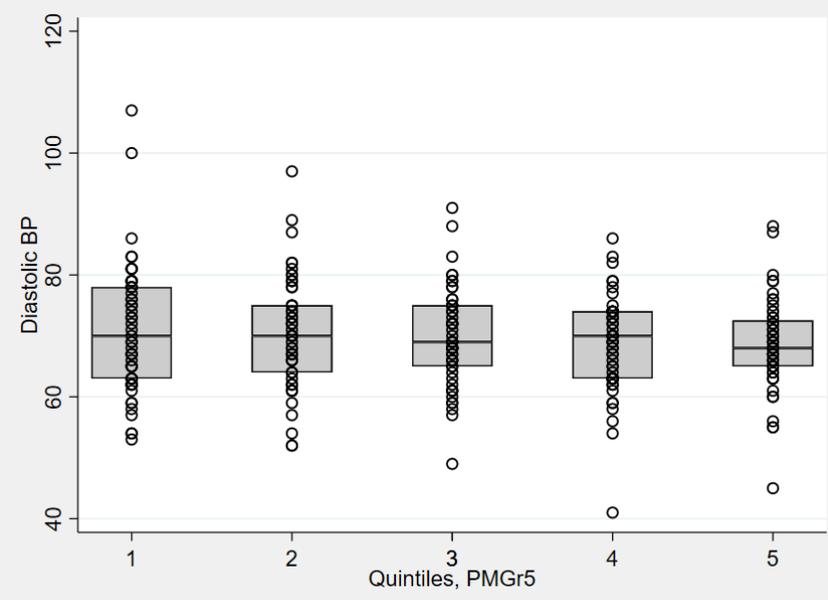
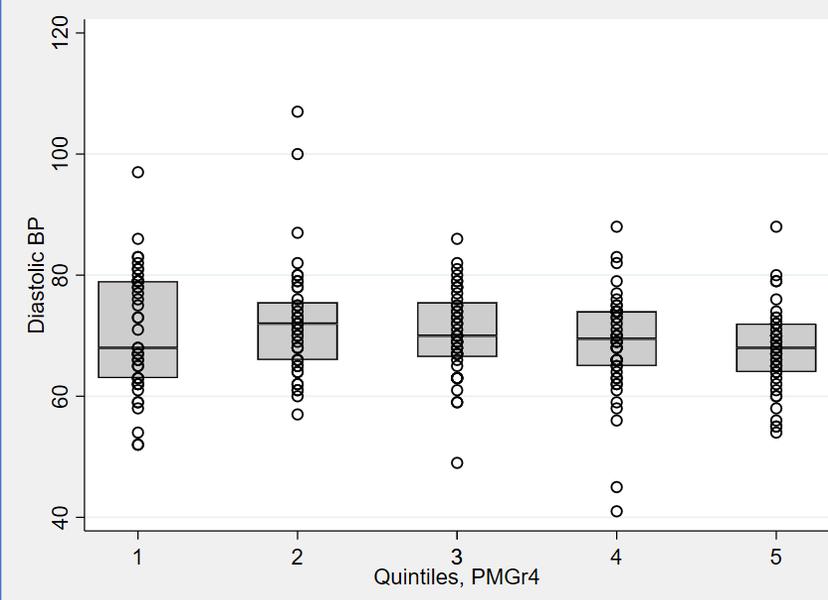
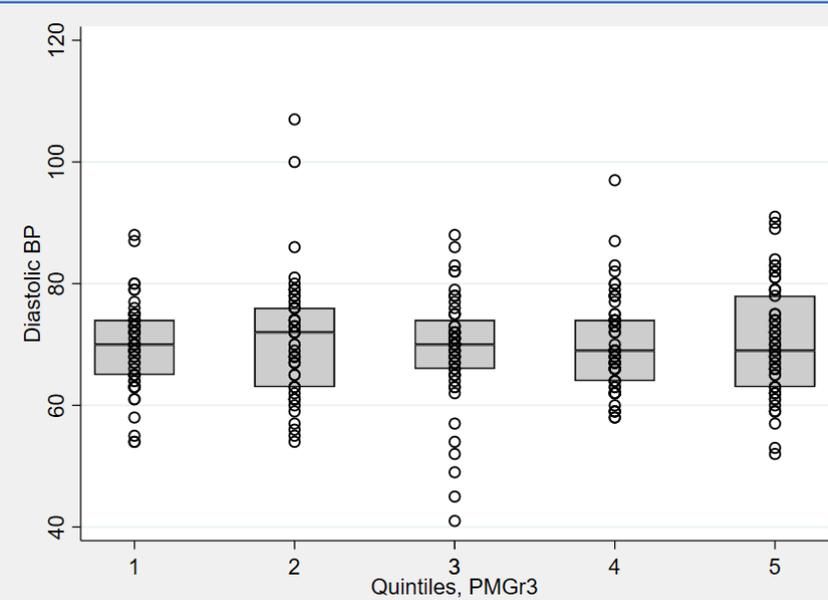
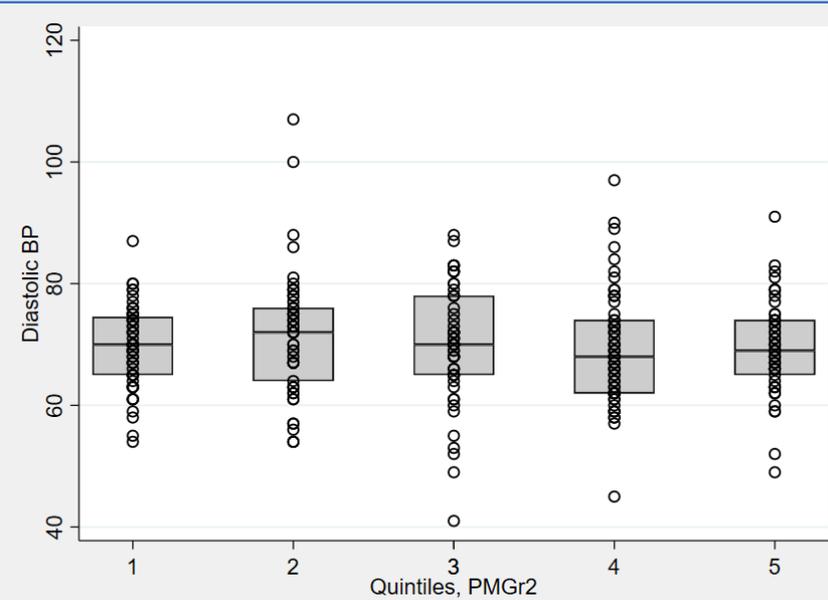
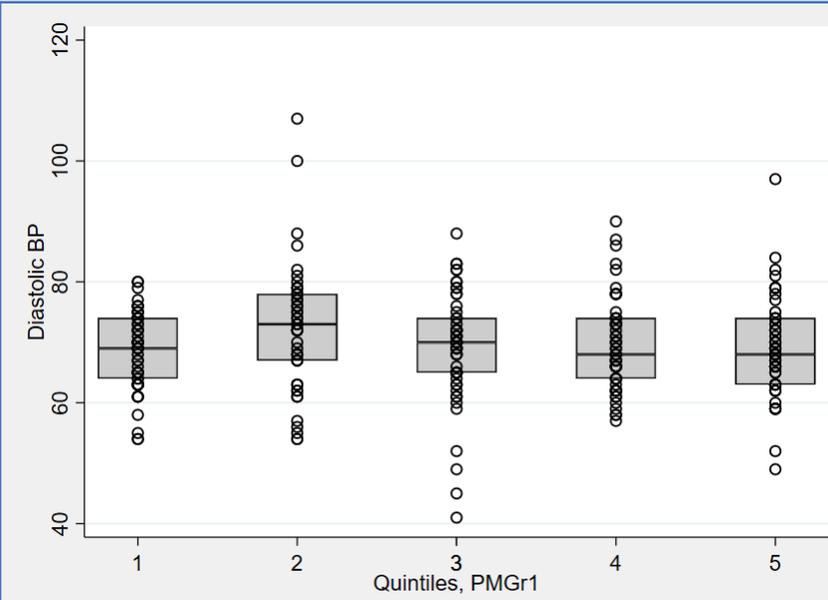


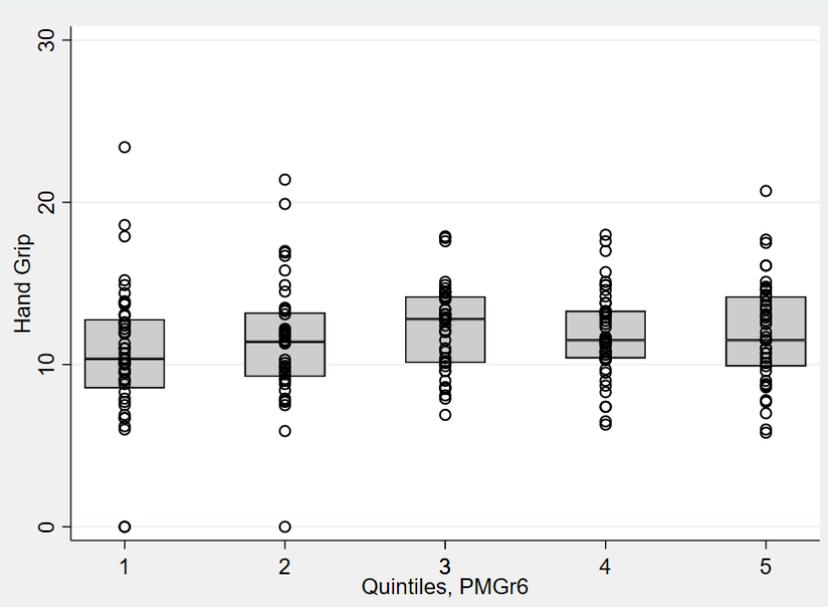
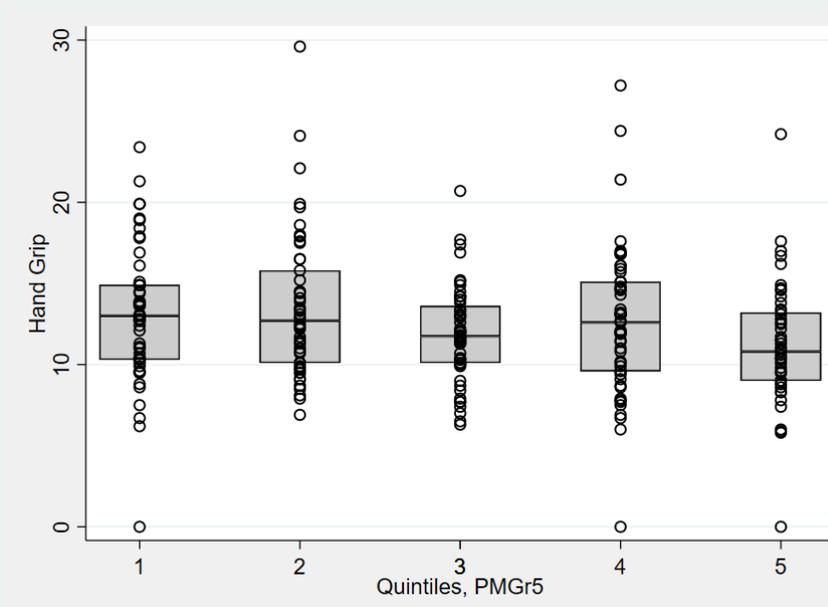
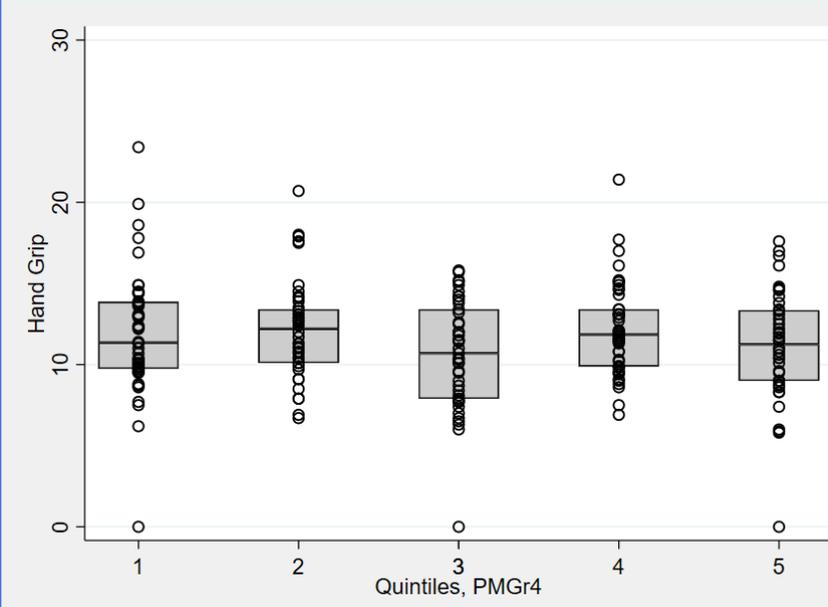
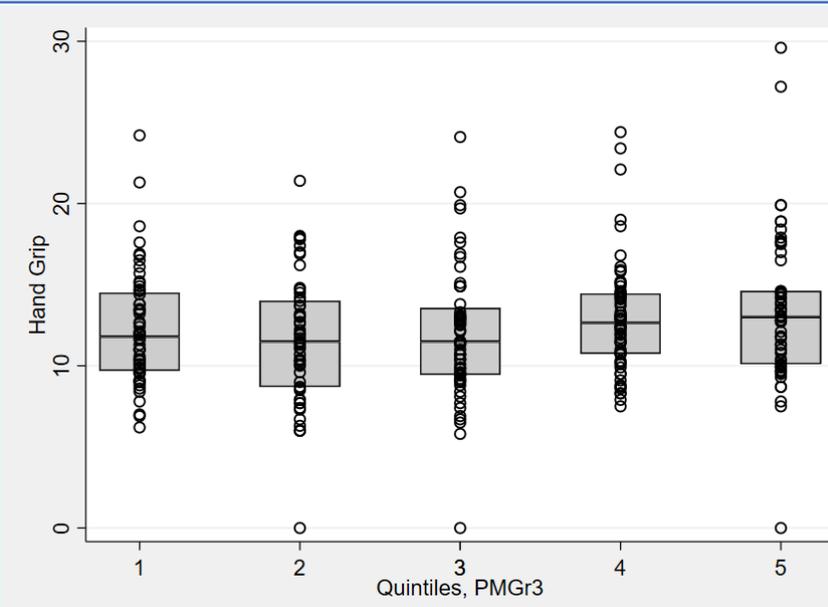
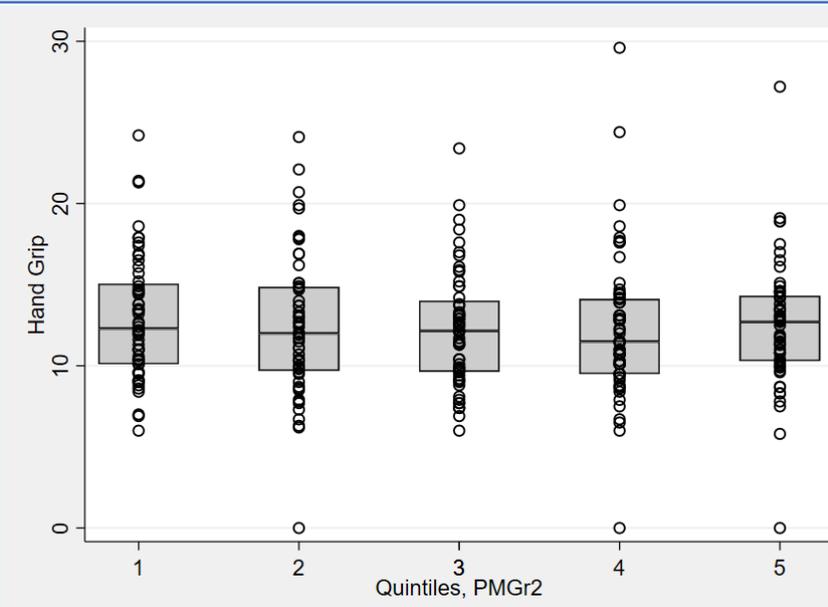
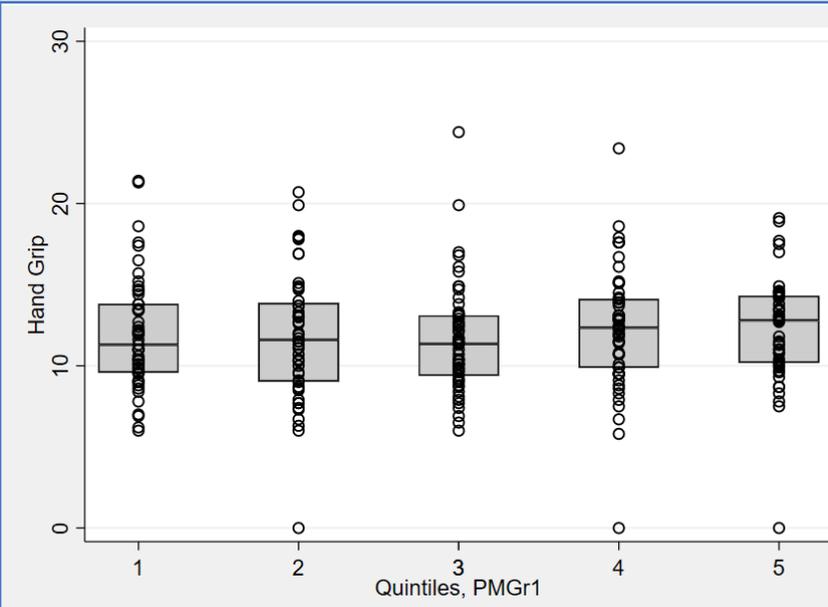
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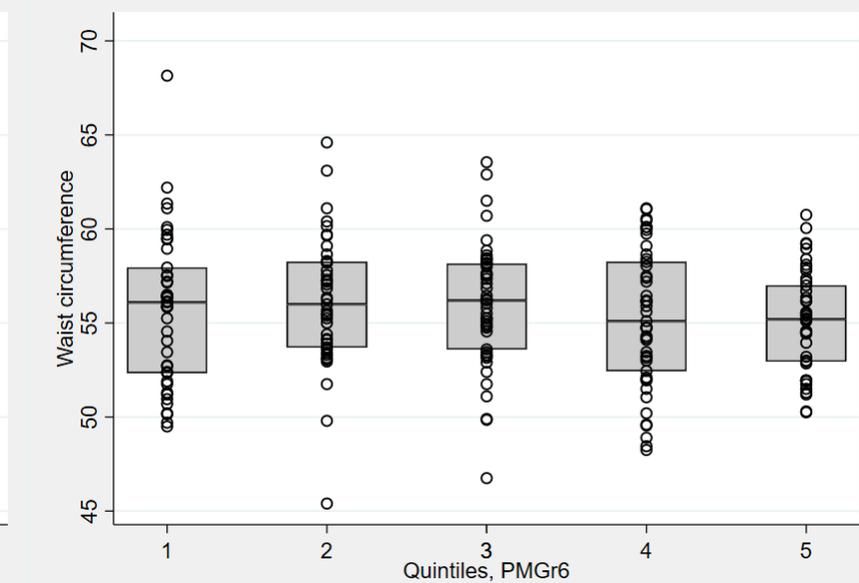
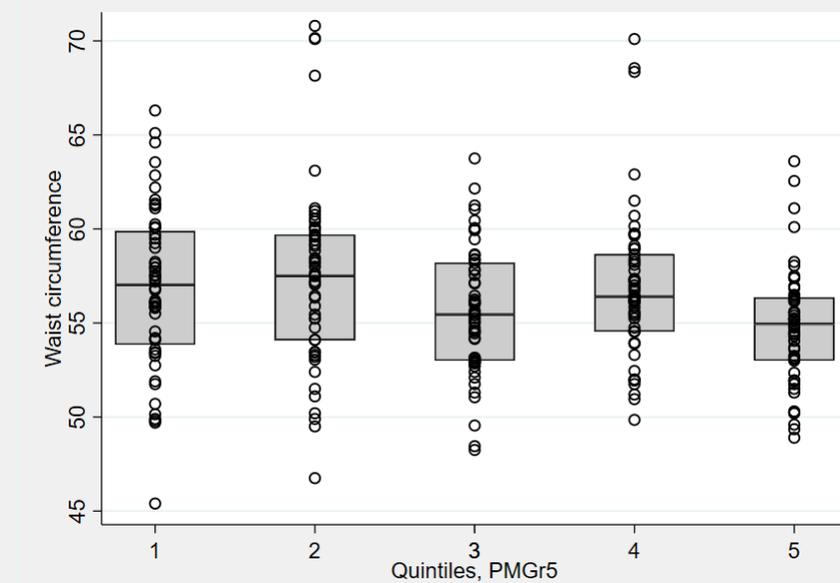
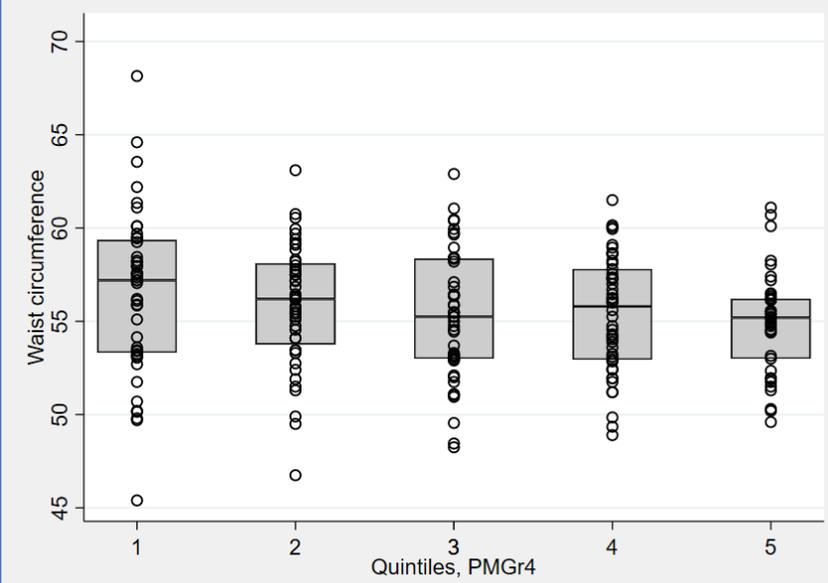
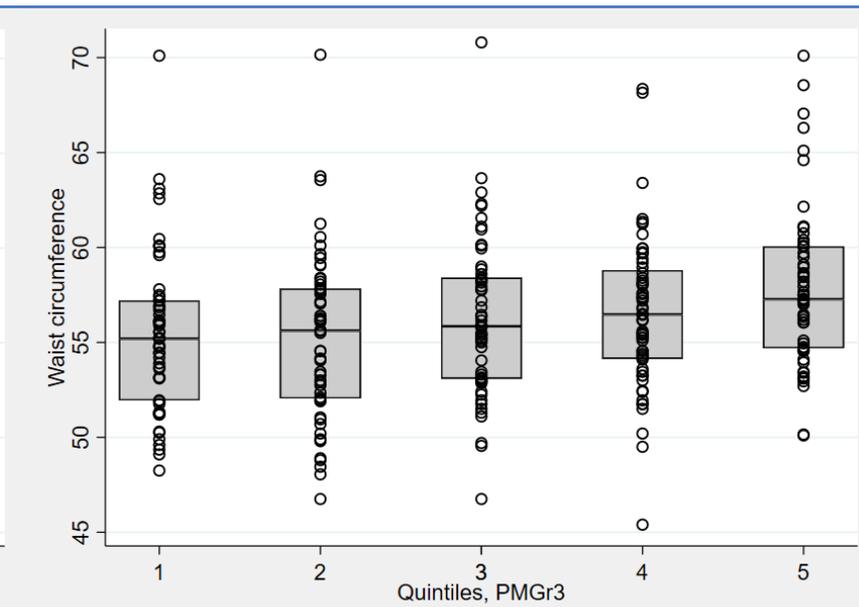
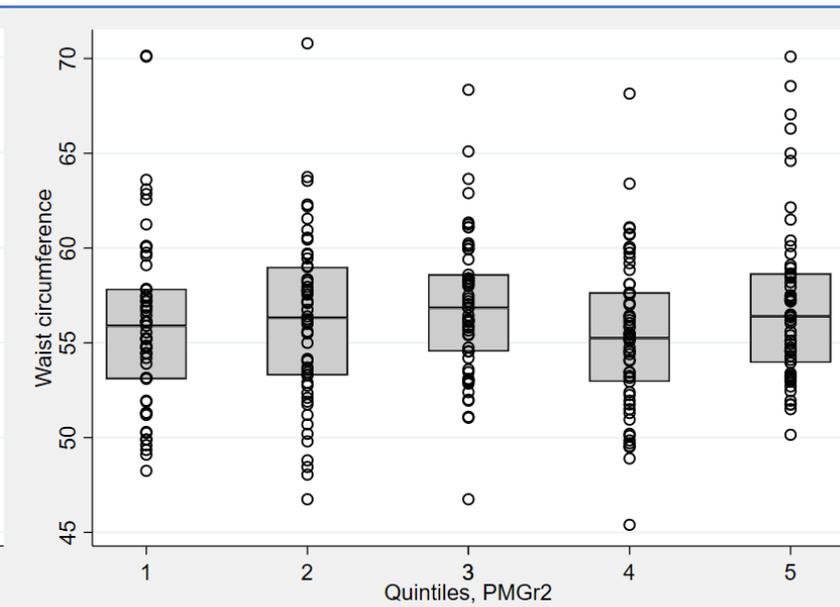
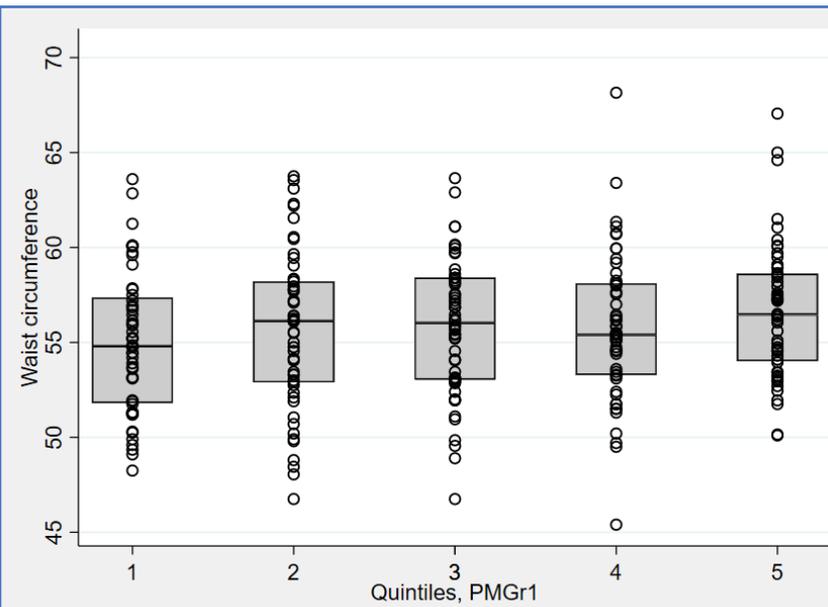
Annex Figures 4a-2h

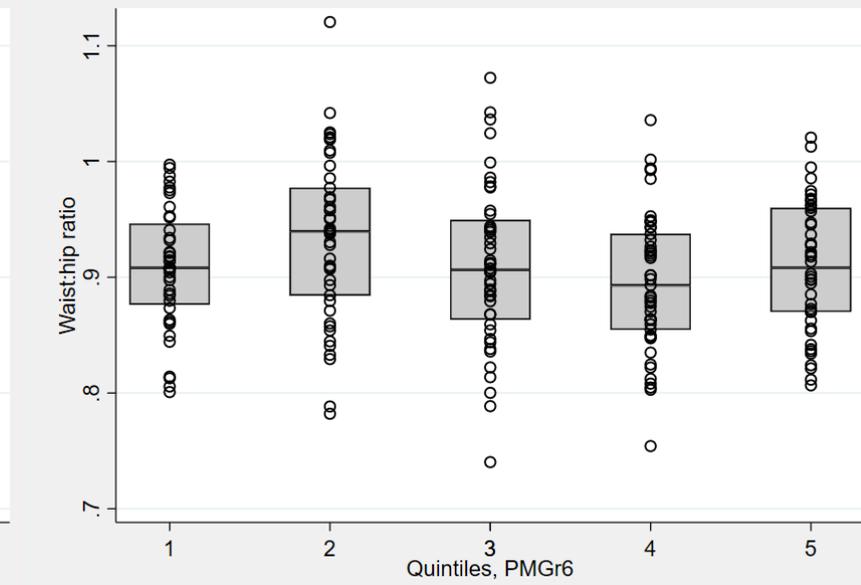
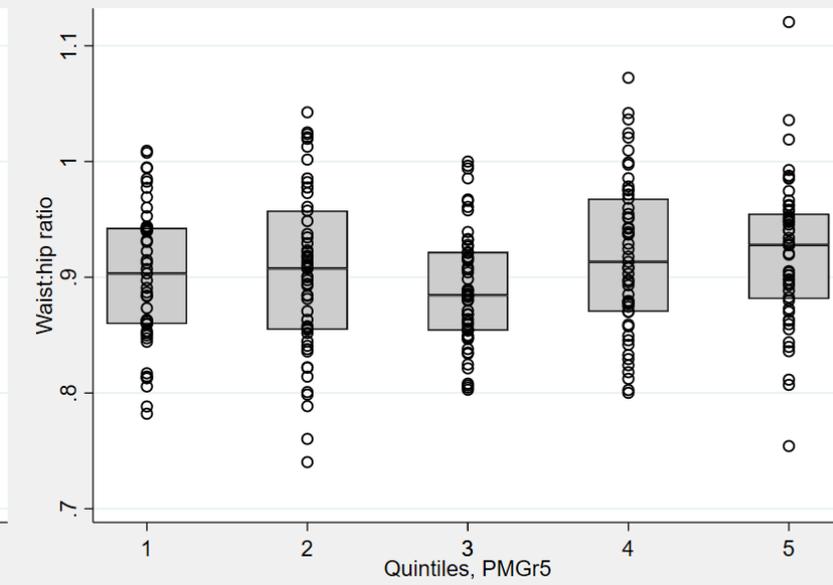
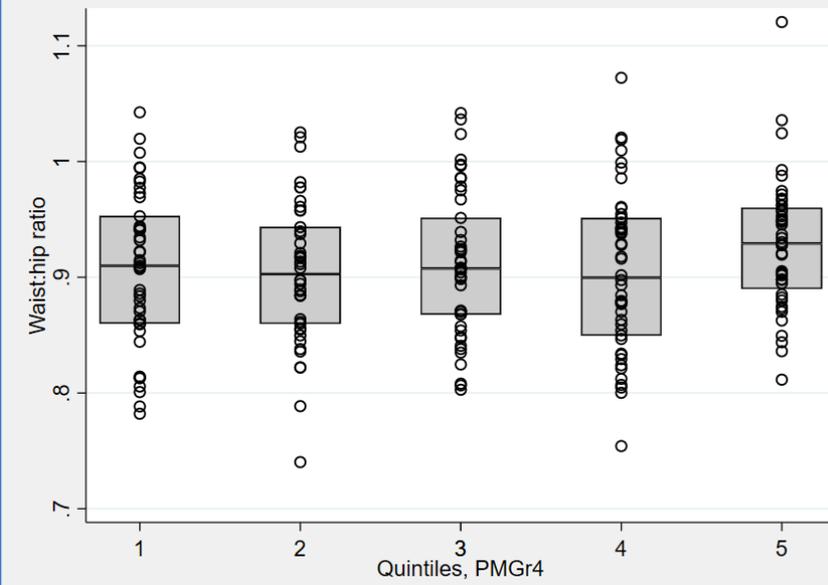
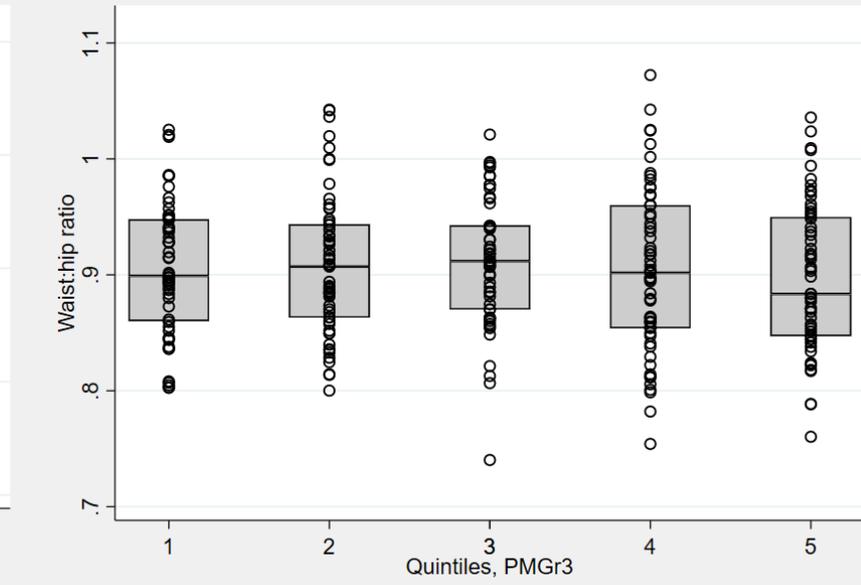
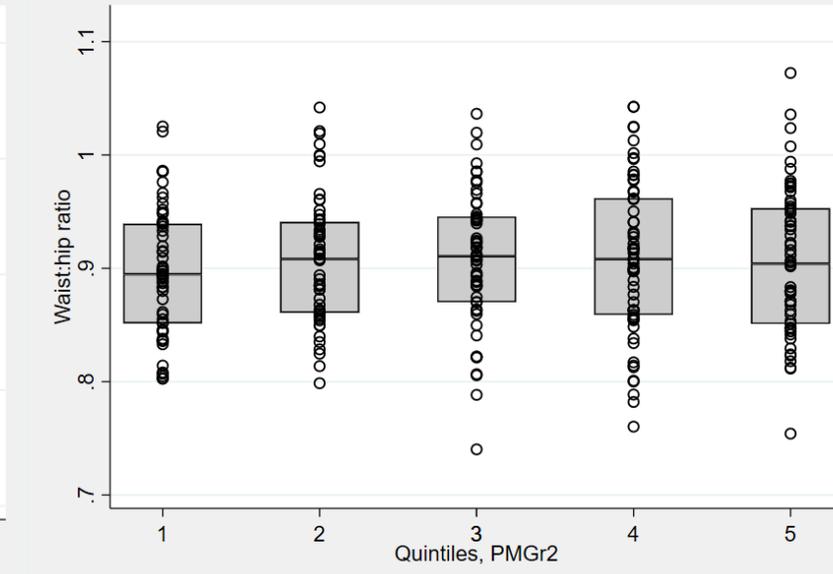
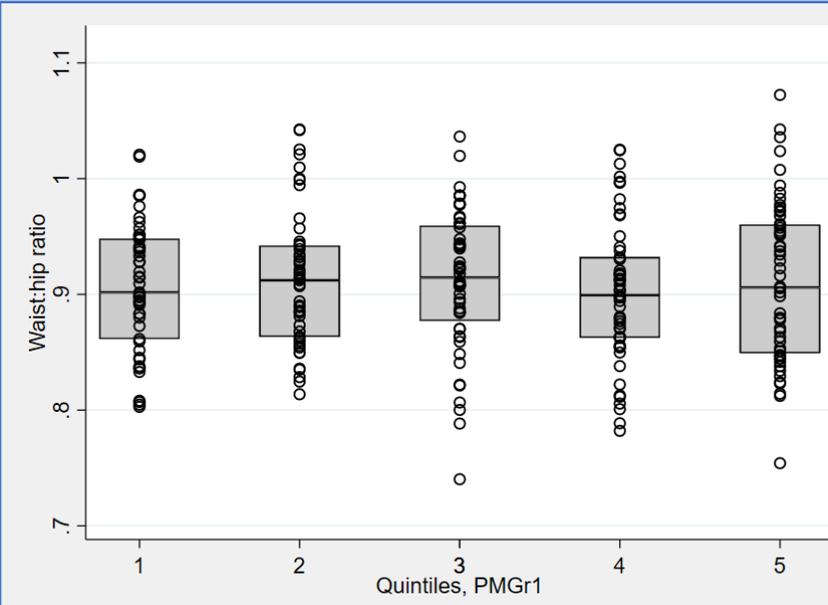
Boxplots showing associations between PMGr quintiles and NCD risk outcomes

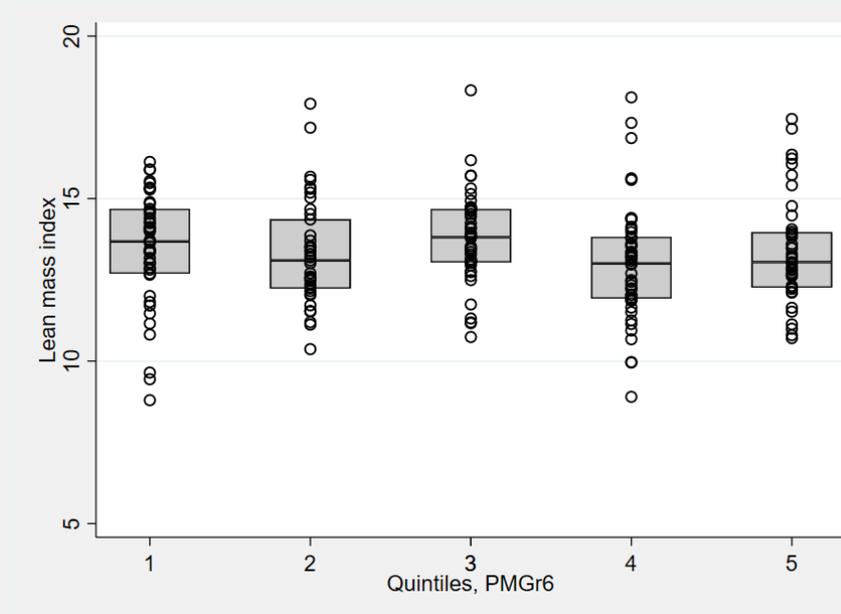
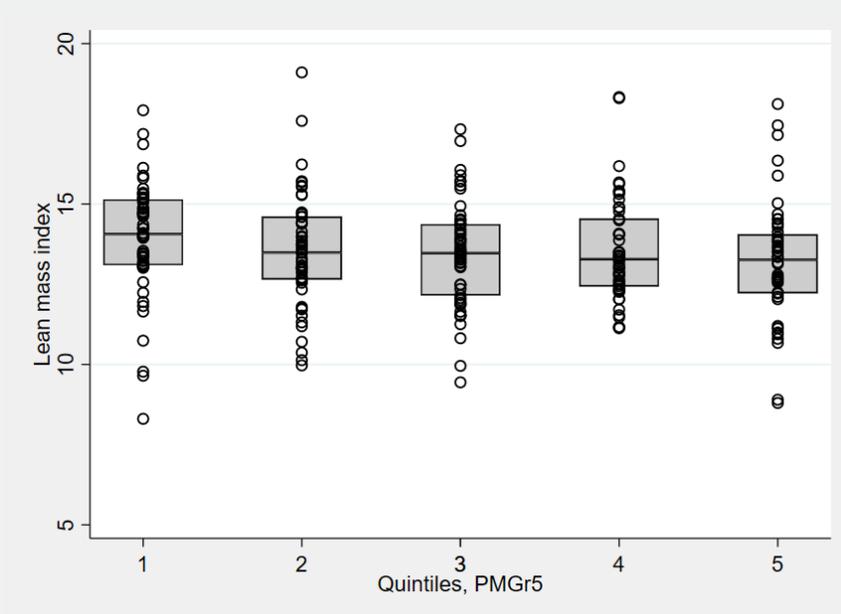
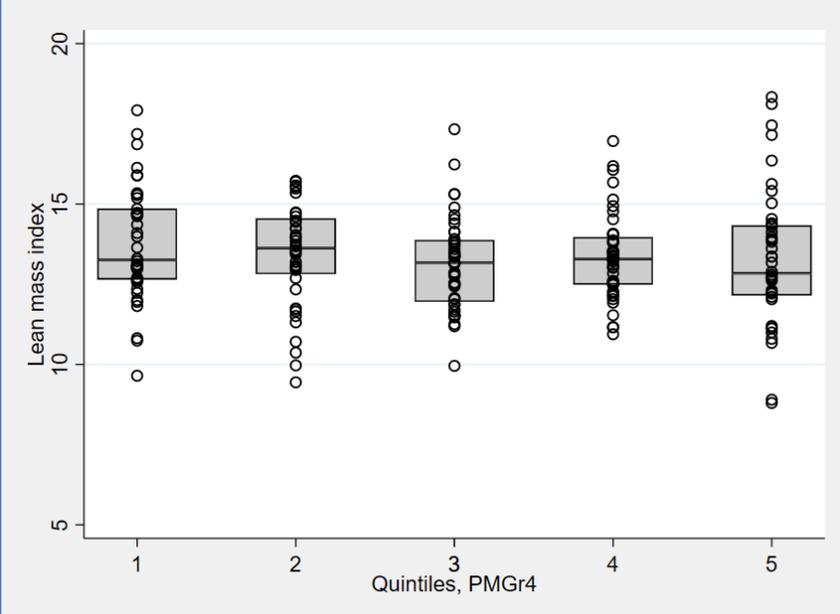
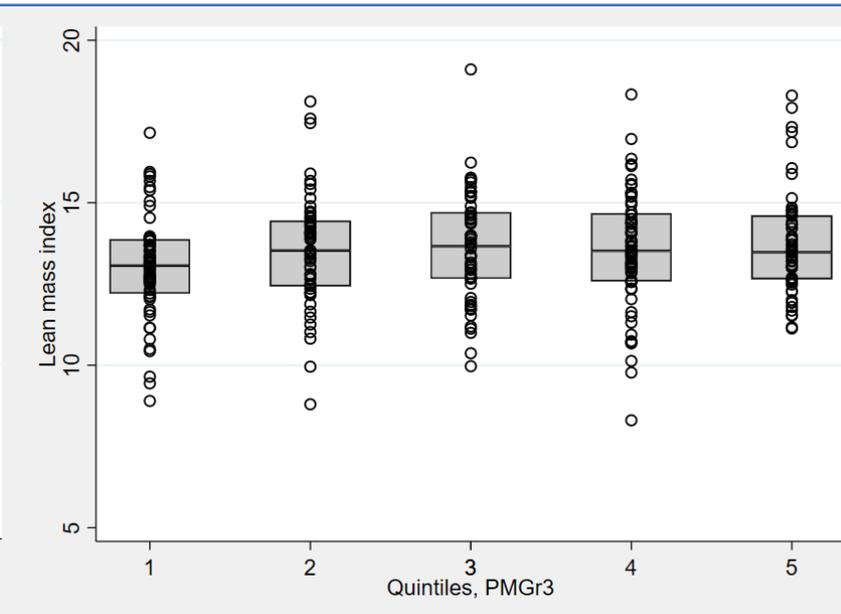
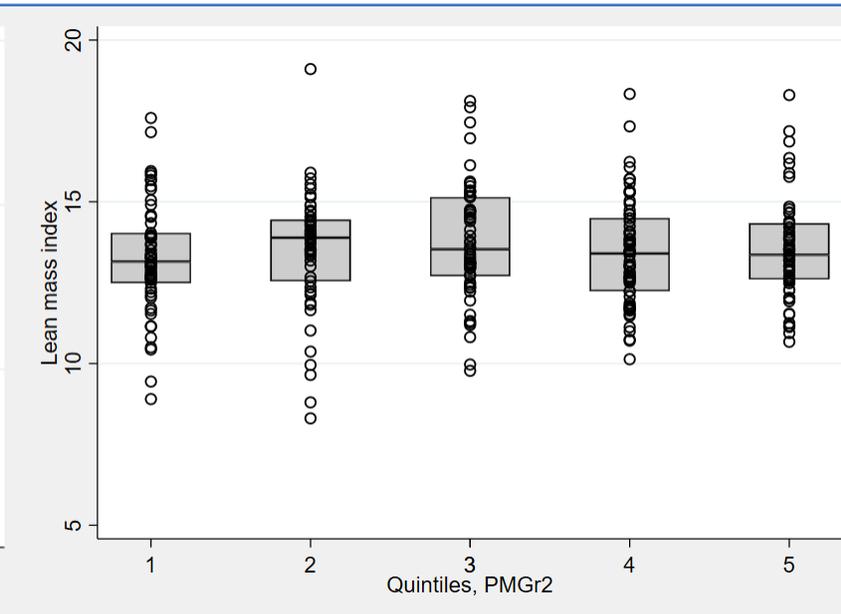
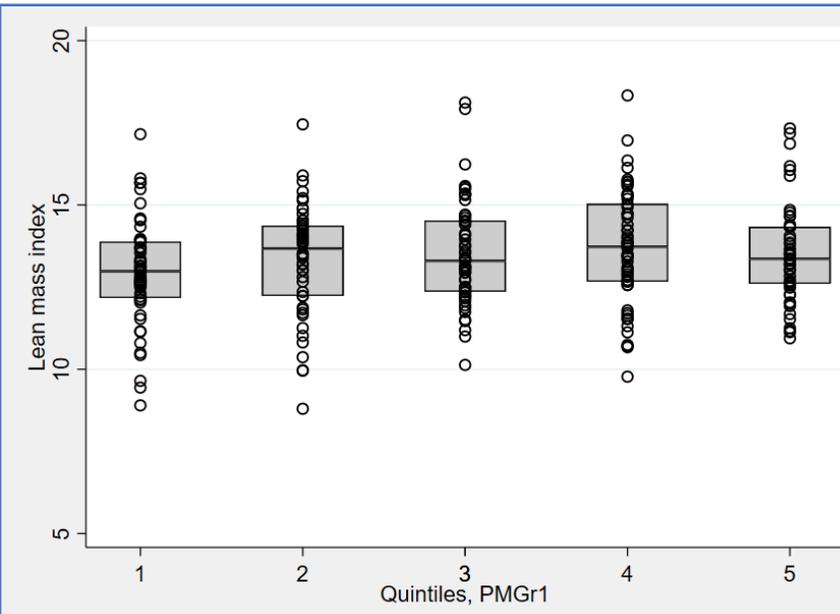


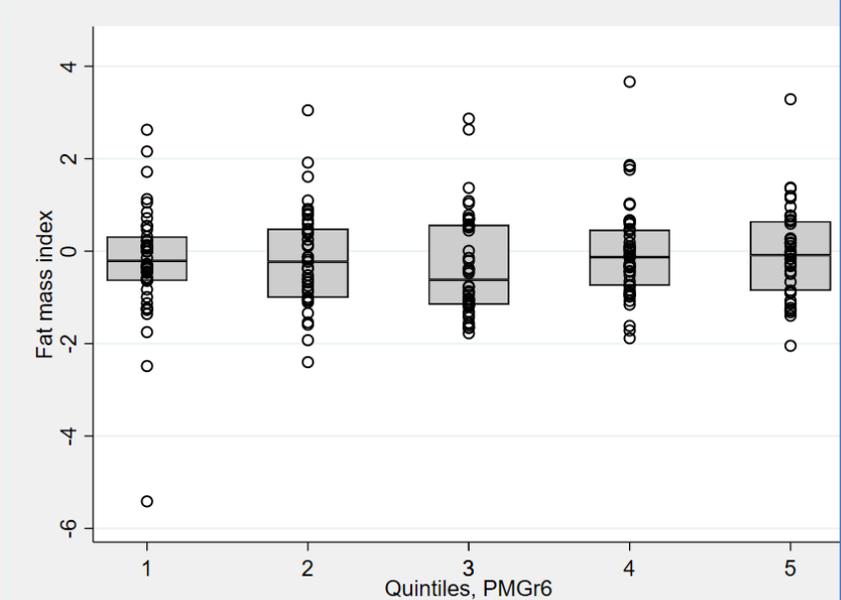
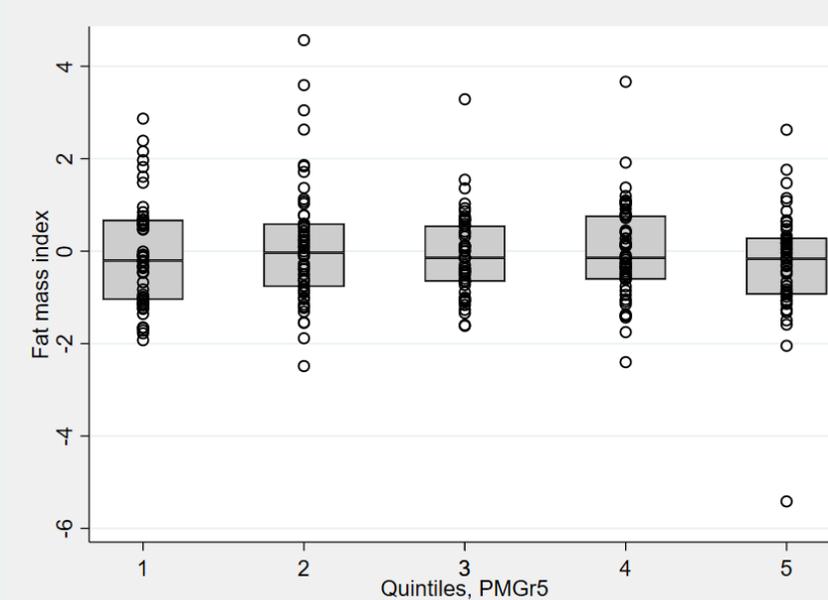
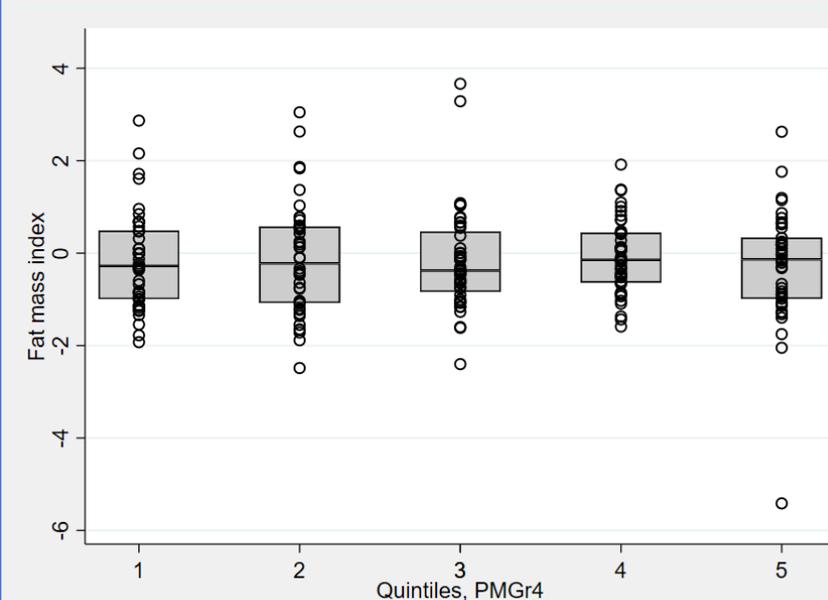
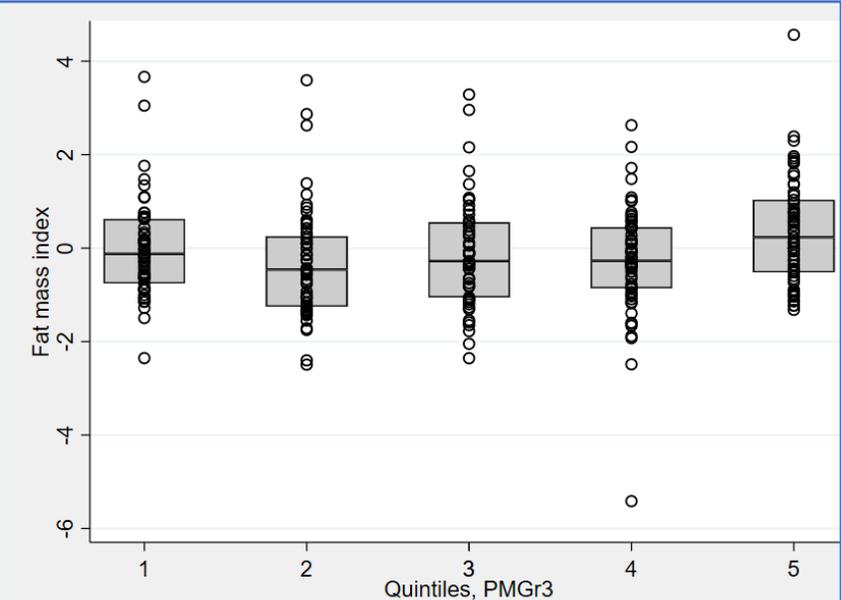
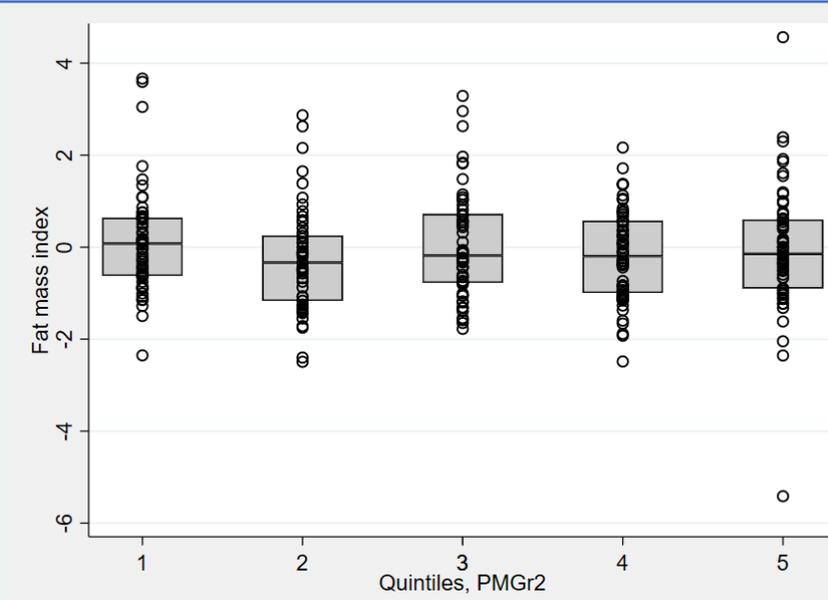
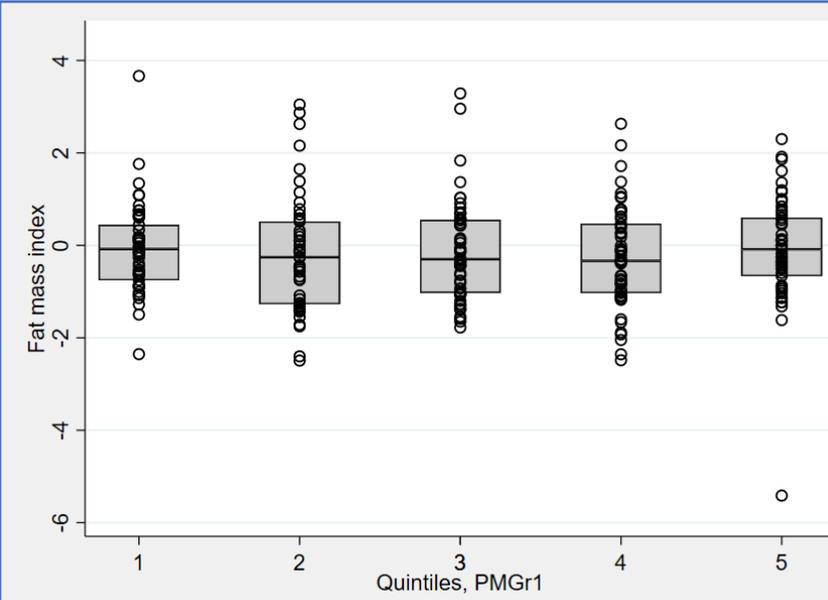


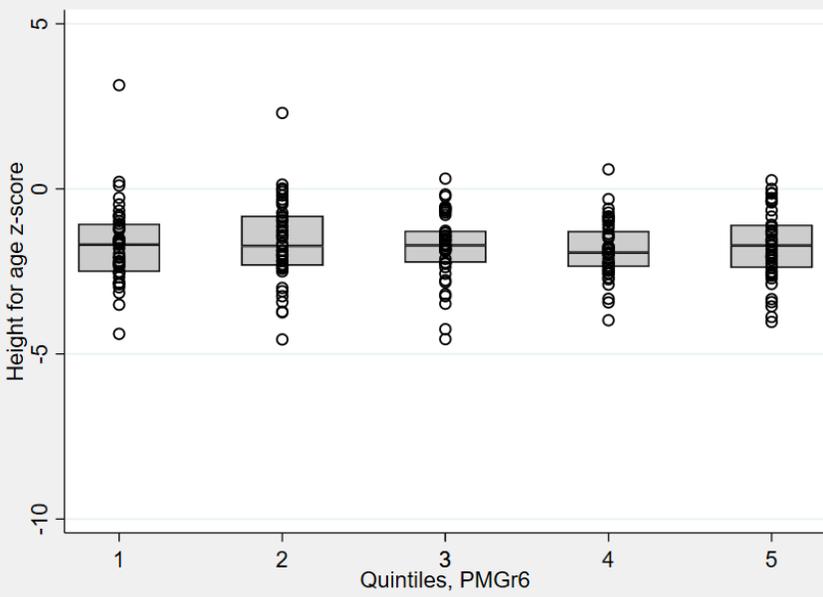
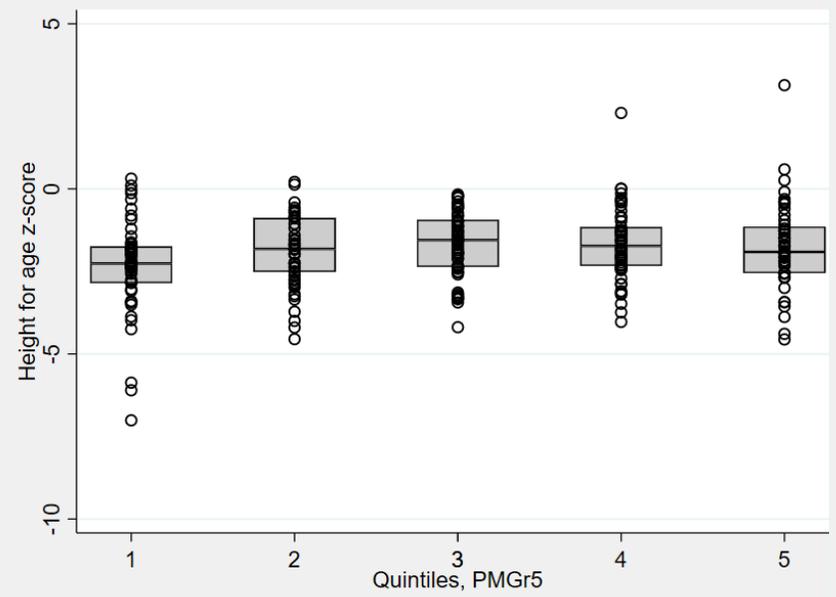
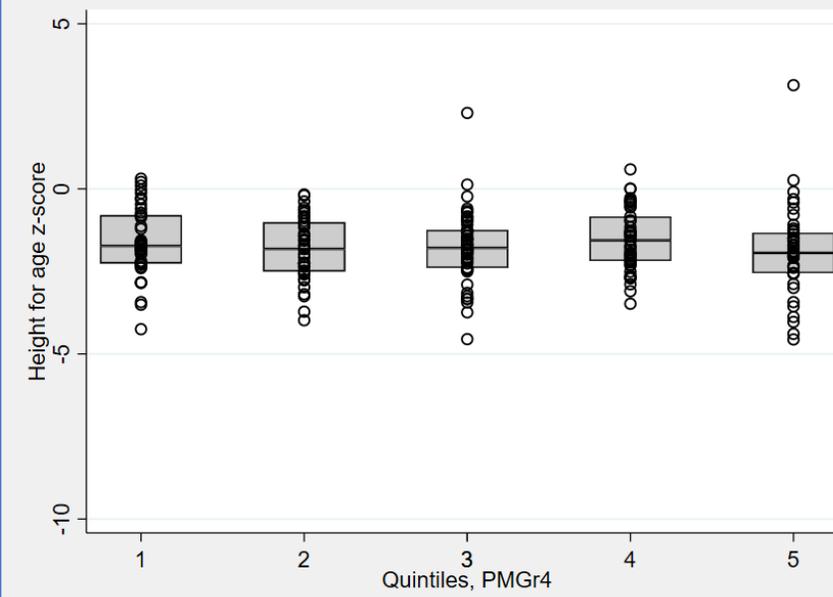
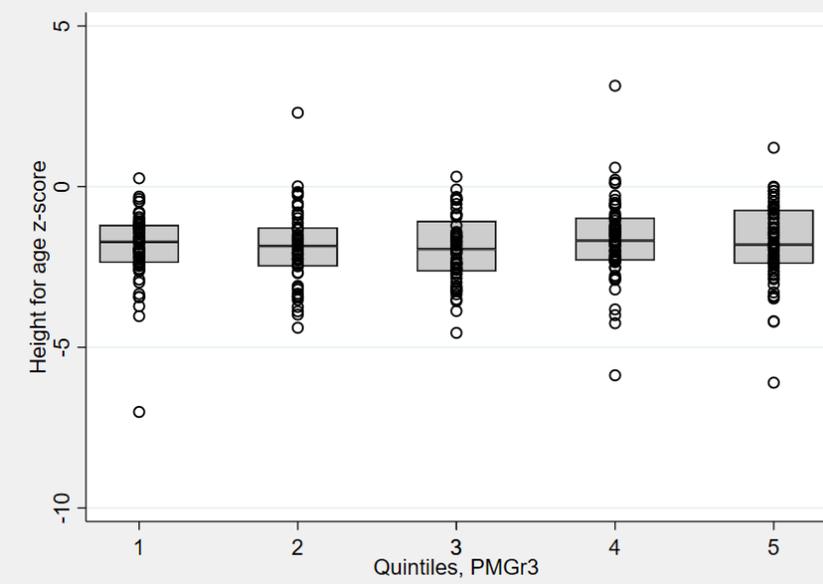
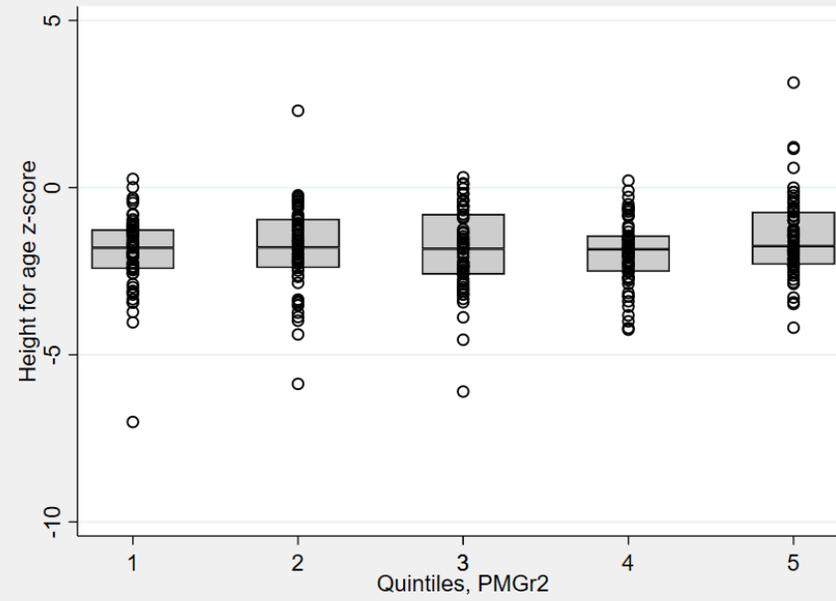
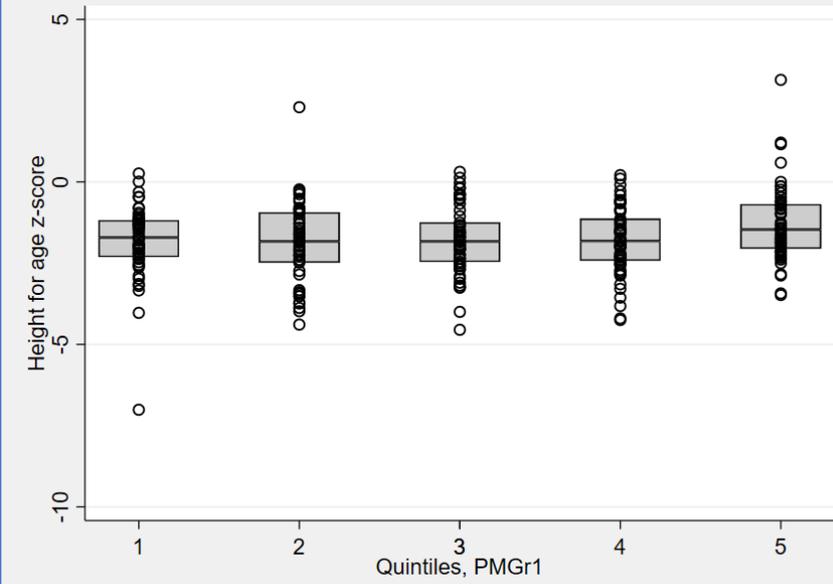










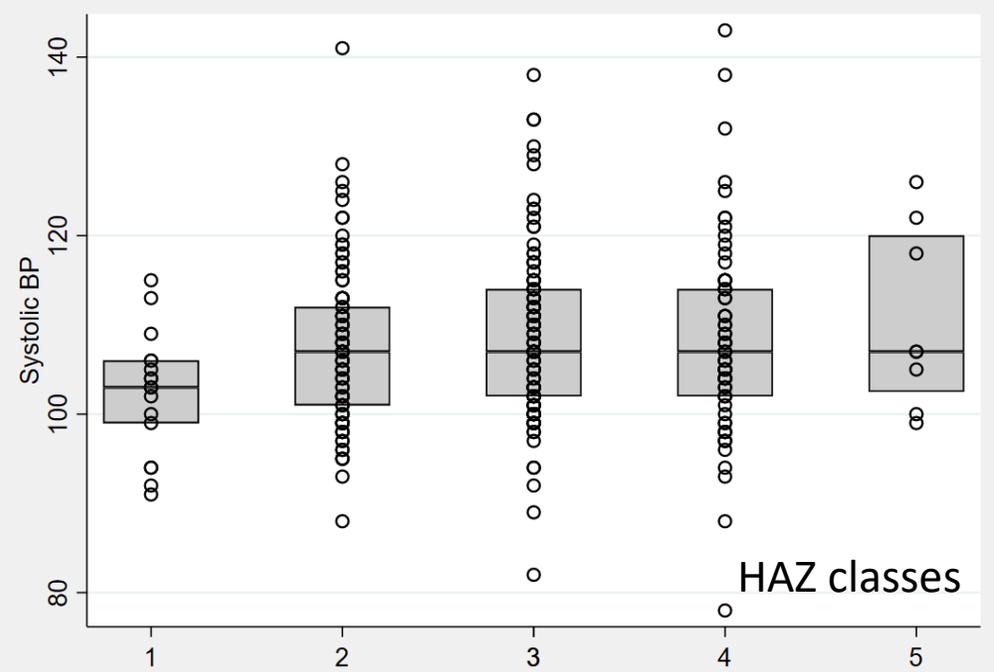
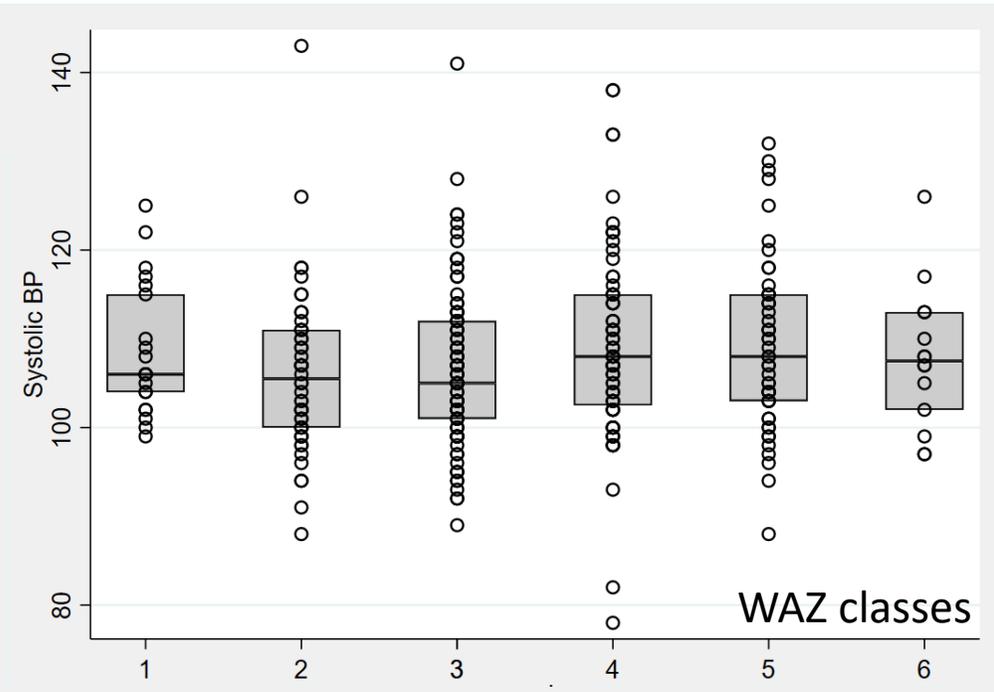
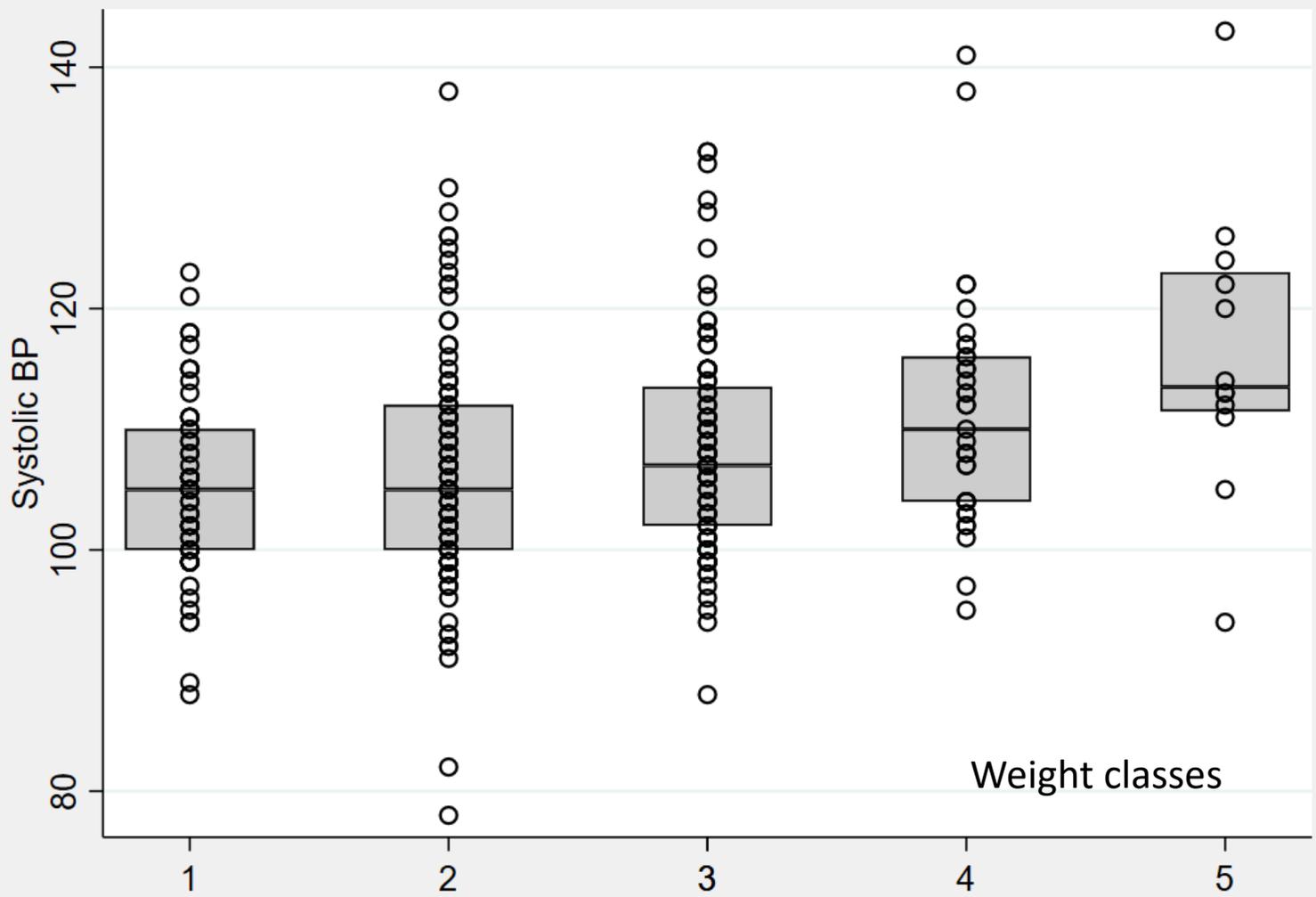


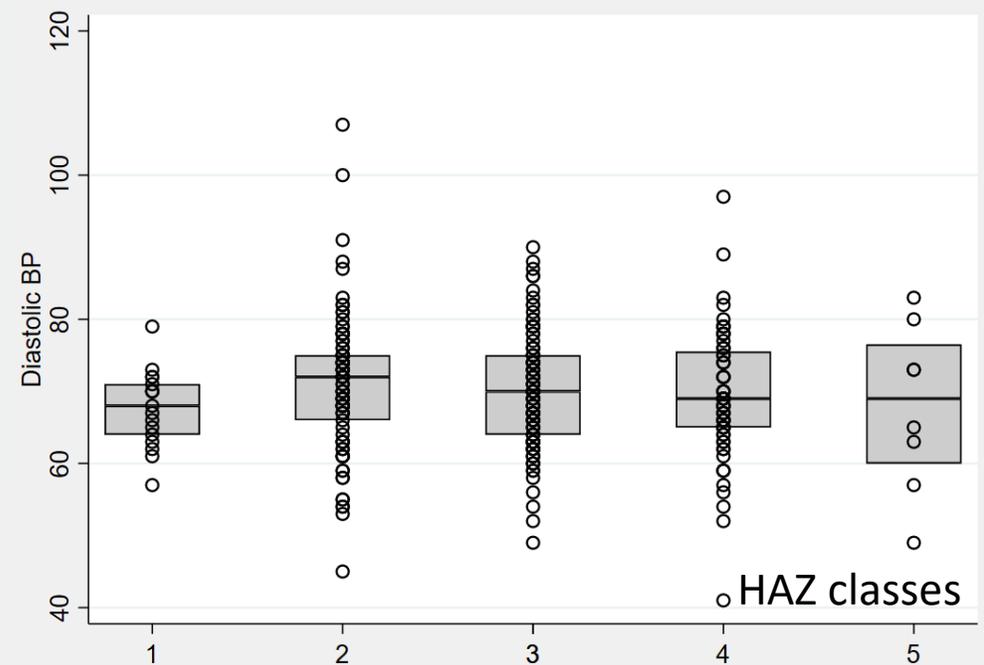
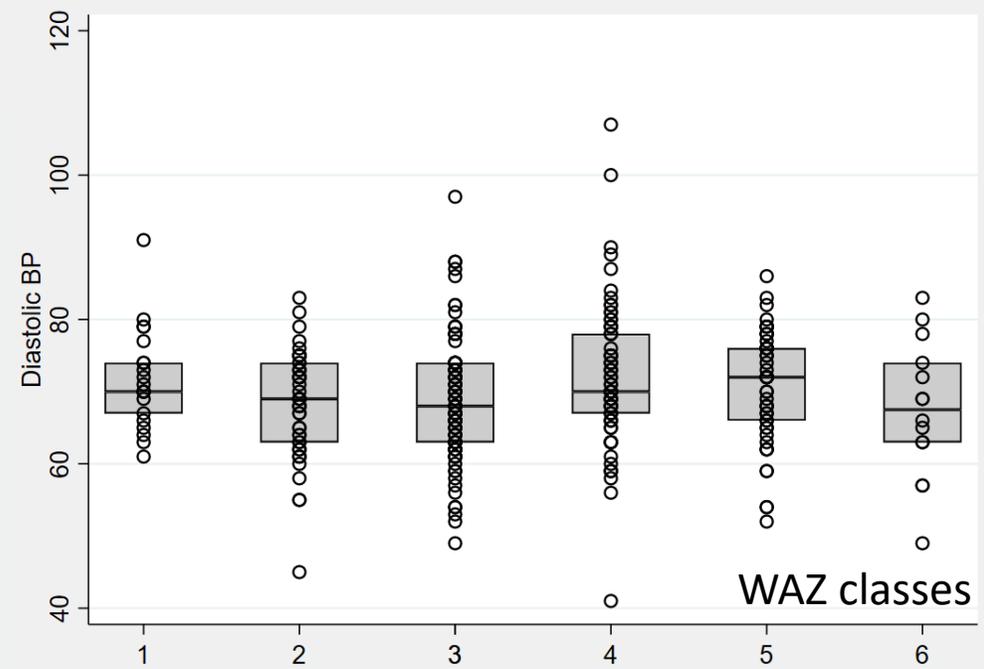
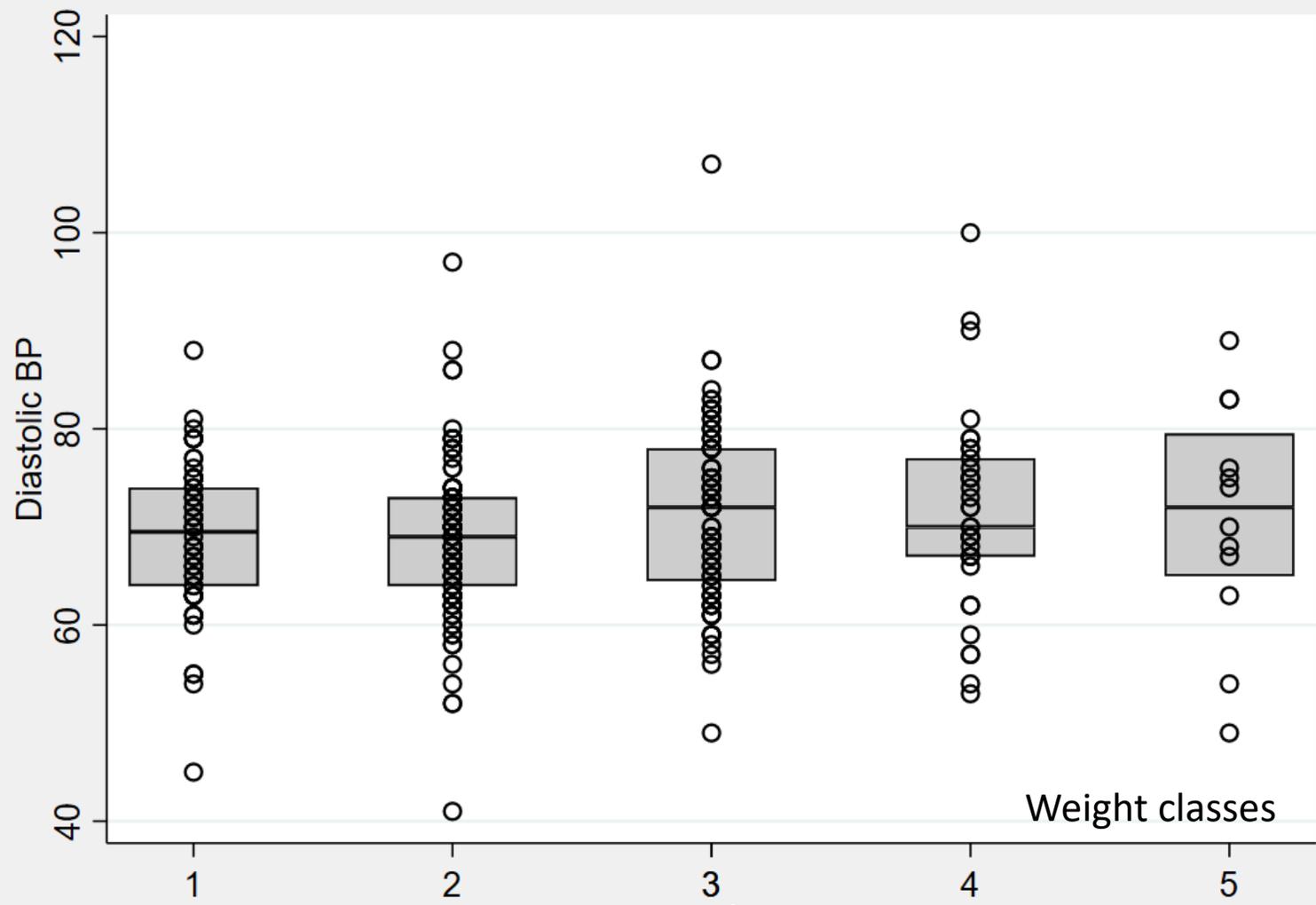
Annex Table 4: Association between LCA classes and NCD outcomes

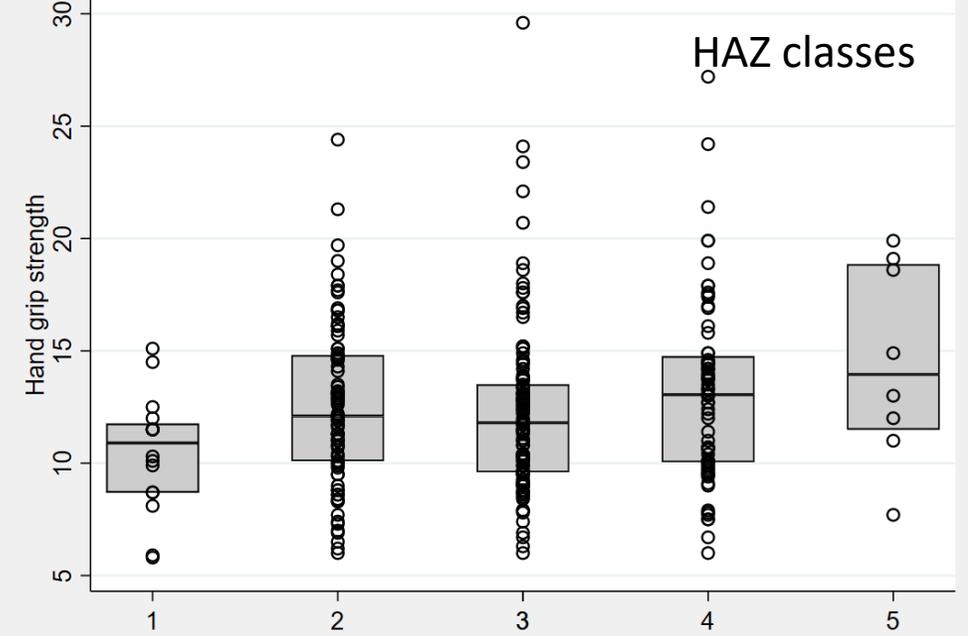
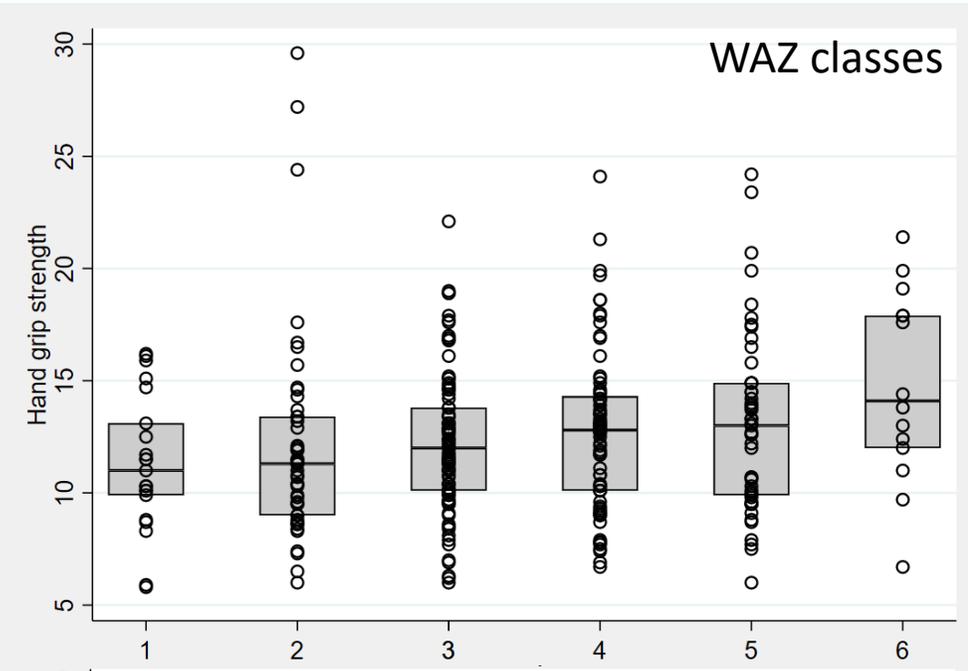
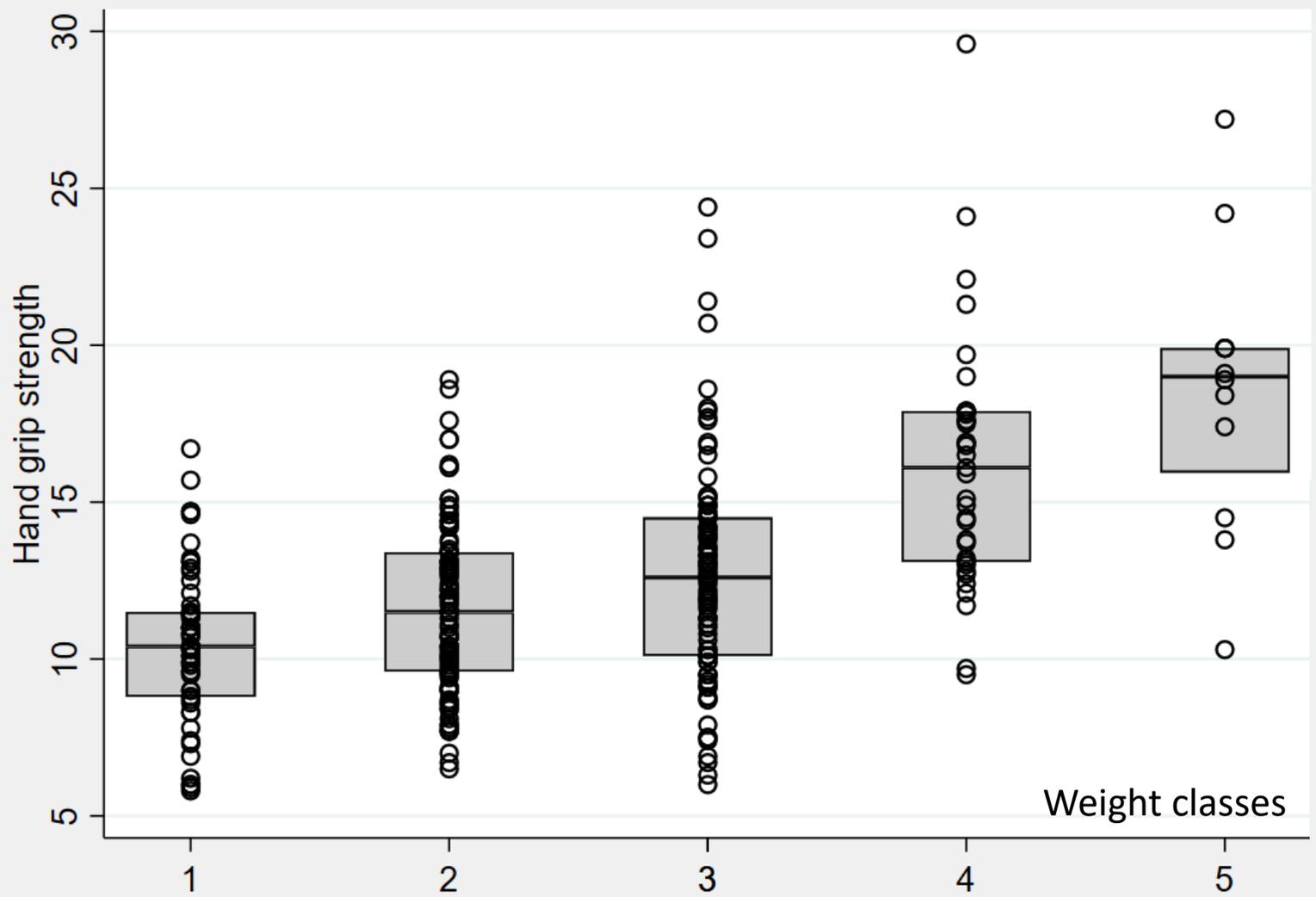
| NCD indicator | PMGr definition | Unadjusted difference | P-value | 95% CI | Adjusted difference | P-value | 95% CI | NCD indicator | PMGr definition | Unadjusted difference | P-value | 95% CI | Adjusted difference | P-value | 95% CI |
|---------------------|-----------------|-----------------------|---------|---------------|---------------------|---------|---------------|-----------------------|-----------------|-----------------------|---------------|----------------|---------------------|--------------|----------------|
| Systolic BP | WAZ | 0.6414 | 0.140 | (-0.21, 1.49) | -0.2037 | 0.645 | (-1.07, 0.67) | Waist:Hip ratio | WAZ | -0.0105 | <0.001 | (-0.02, -0.01) | -0.0094 | 0.001 | (-0.01, -0.00) |
| | Weight (kg) | 2.3708 | <0.001 | (1.38, 3.36) | -0.3867 | 0.593 | (-1.81, 1.04) | | Weight (kg) | -0.0152 | <0.001 | (-0.02, -0.01) | -0.0135 | 0.004 | (-0.02, -0.00) |
| | HAZ | 1.1814 | 0.049 | (0.01, 2.36) | 0.0577 | 0.930 | (-1.24, 1.36) | | HAZ | -0.0136 | <0.001 | (-0.02, -0.01) | -0.0150 | <0.001 | (-0.02, -0.01) |
| Diastolic BP | WAZ | 0.2809 | 0.478 | (-0.49, 1.06) | 0.3101 | 0.478 | (-0.55, 1.17) | Lean mass index (BIA) | WAZ | 0.2927 | <0.001 | (0.14, 0.44) | 0.2889 | <0.001 | (0.13, 0.44) |
| | Weight (kg) | 0.9327 | 0.049 | (0.00, 1.86) | 0.5185 | 0.469 | (-0.89, 1.92) | | Weight (kg) | 0.4648 | <0.001 | (0.29, 0.64) | 0.4182 | 0.002 | (0.16, 0.68) |
| | HAZ | -0.3271 | 0.548 | (-1.39, 0.74) | -0.4877 | 0.453 | (-1.77, 0.79) | | HAZ | 0.1614 | 0.139 | (-0.05, 0.38) | 0.1949 | 0.076 | (-0.02, 0.41) |
| Hand grip | WAZ | 0.5679 | 0.002 | (0.21, 0.82) | 0.5780 | <0.001 | (0.27, 0.89) | Fat mass index (BIA) | WAZ | 0.1300 | 0.014 | (0.03, 0.23) | 0.1667 | 0.002 | (0.06, 0.27) |
| | Weight (kg) | 1.9069 | <0.001 | (1.54, 2.28) | 0.9918 | <0.001 | (0.17, 1.51) | | Weight (kg) | 0.2919 | <0.001 | (0.17, 0.41) | 0.1933 | 0.032 | (0.02, 0.37) |
| | HAZ | 0.6217 | 0.014 | (0.13, 1.12) | 0.9560 | <0.001 | (0.53, 1.38) | | HAZ | 0.0369 | 0.621 | (-0.11, 0.18) | 0.1105 | 0.135 | (-0.03, 0.26) |
| Waist circumference | WAZ | 0.8542 | <0.001 | (0.49, 1.21) | 0.9525 | <0.001 | (0.63, 1.27) | HAZ | WAZ | 0.3202 | <0.001 | (0.22, 0.42) | 0.3144 | <0.001 | (0.21, 0.41) |
| | Weight (kg) | 2.0531 | 0.000 | (1.66, 2.44) | 1.1631 | <0.001 | (0.62, 1.71) | Weight (kg) | -0.0746 | 0.263 | (-0.21, 0.06) | 0.3719 | <0.001 | (0.19, 0.54) | |
| | HAZ | 0.7906 | 0.003 | (0.28, 1.31) | 1.2171 | <0.001 | (0.78, 1.66) | HAZ | 0.6768 | <0.001 | (0.55, 0.81) | 0.6358 | <0.001 | (0.51, 0.76) | |

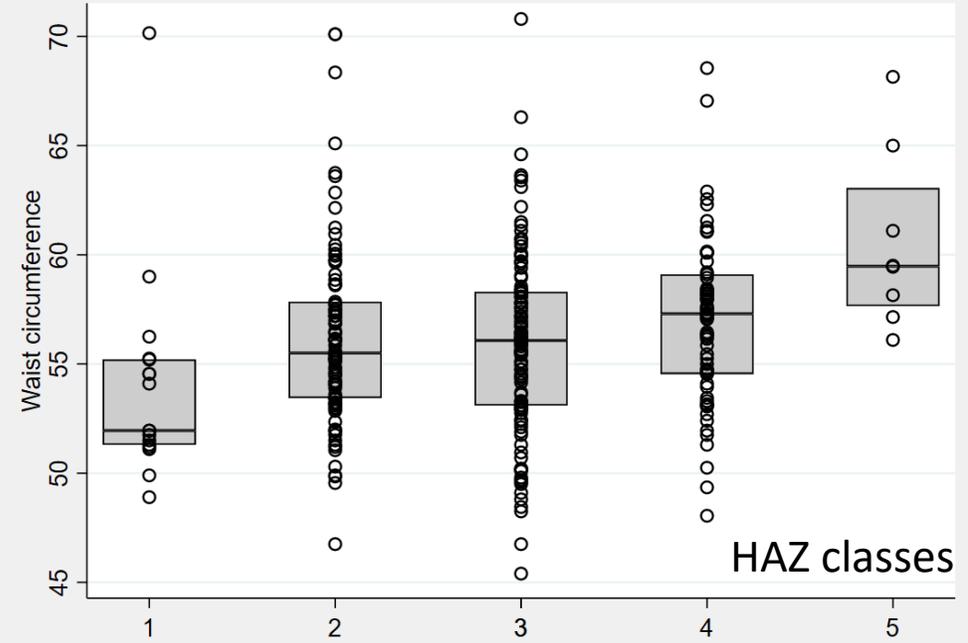
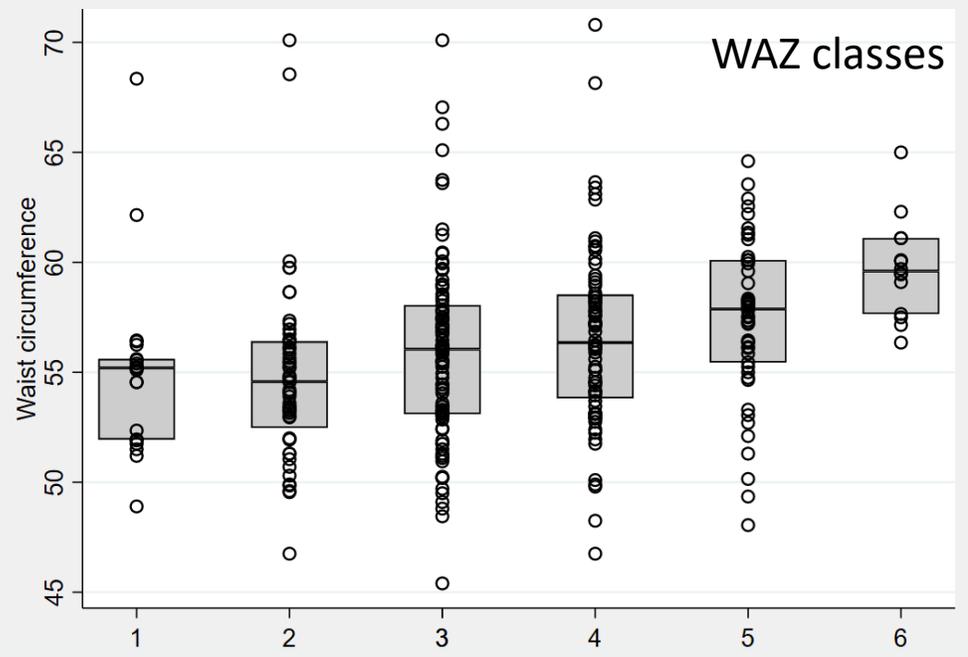
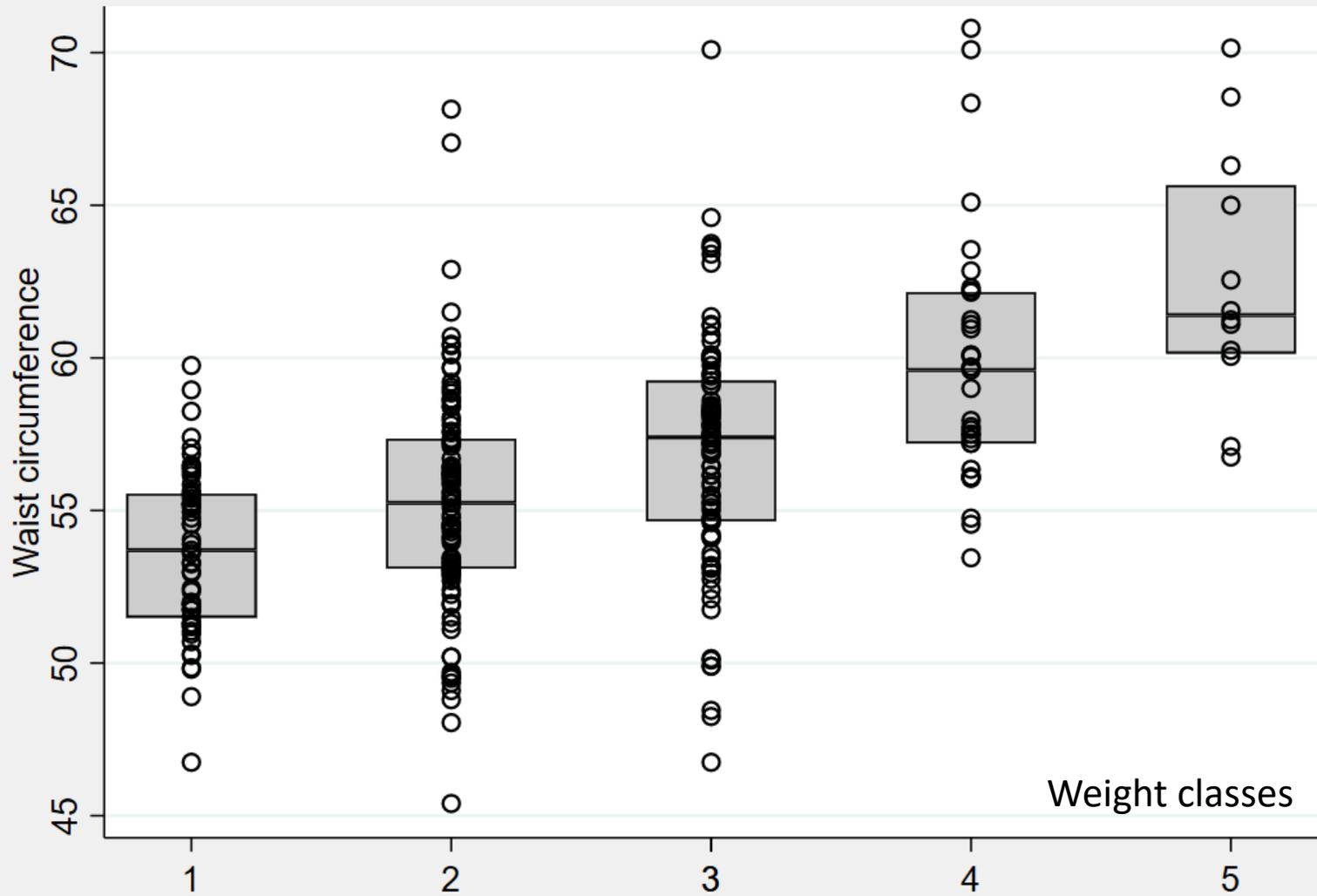
Annex Figures 5a-2h

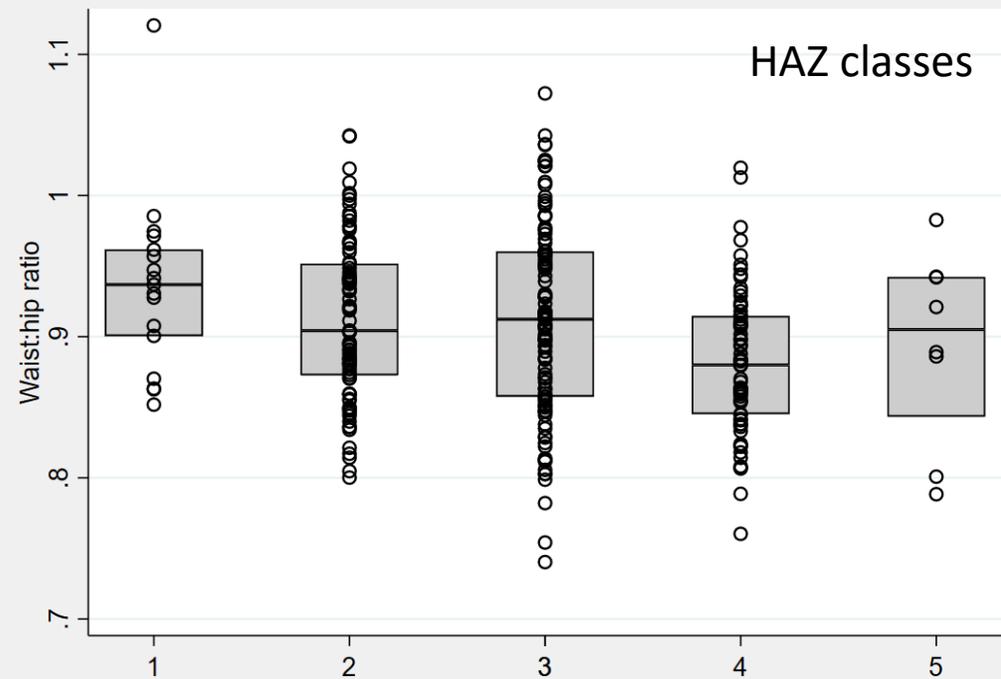
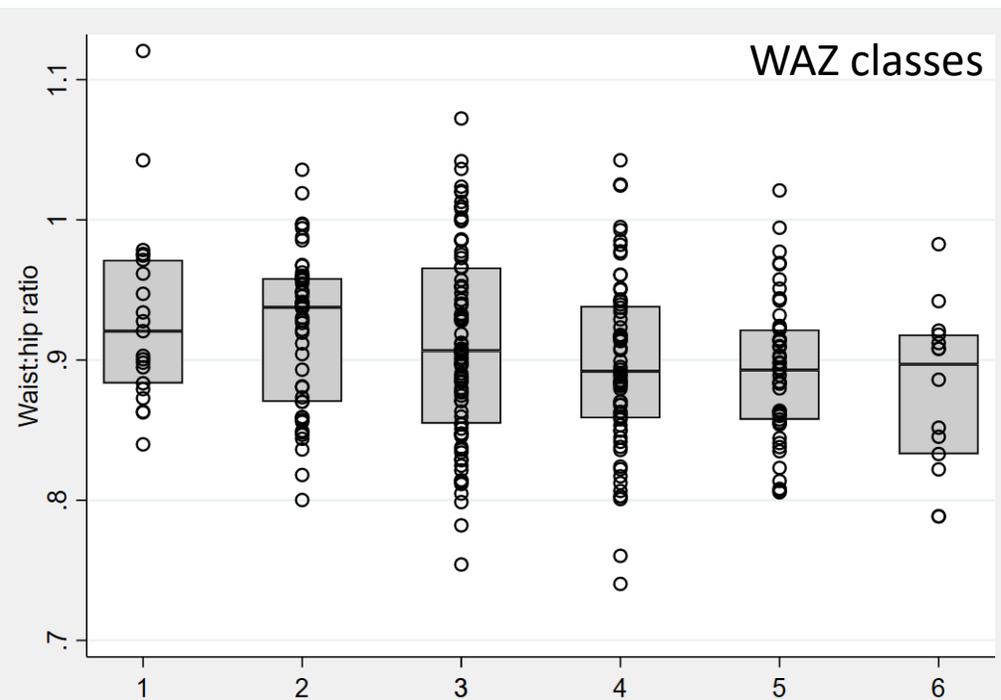
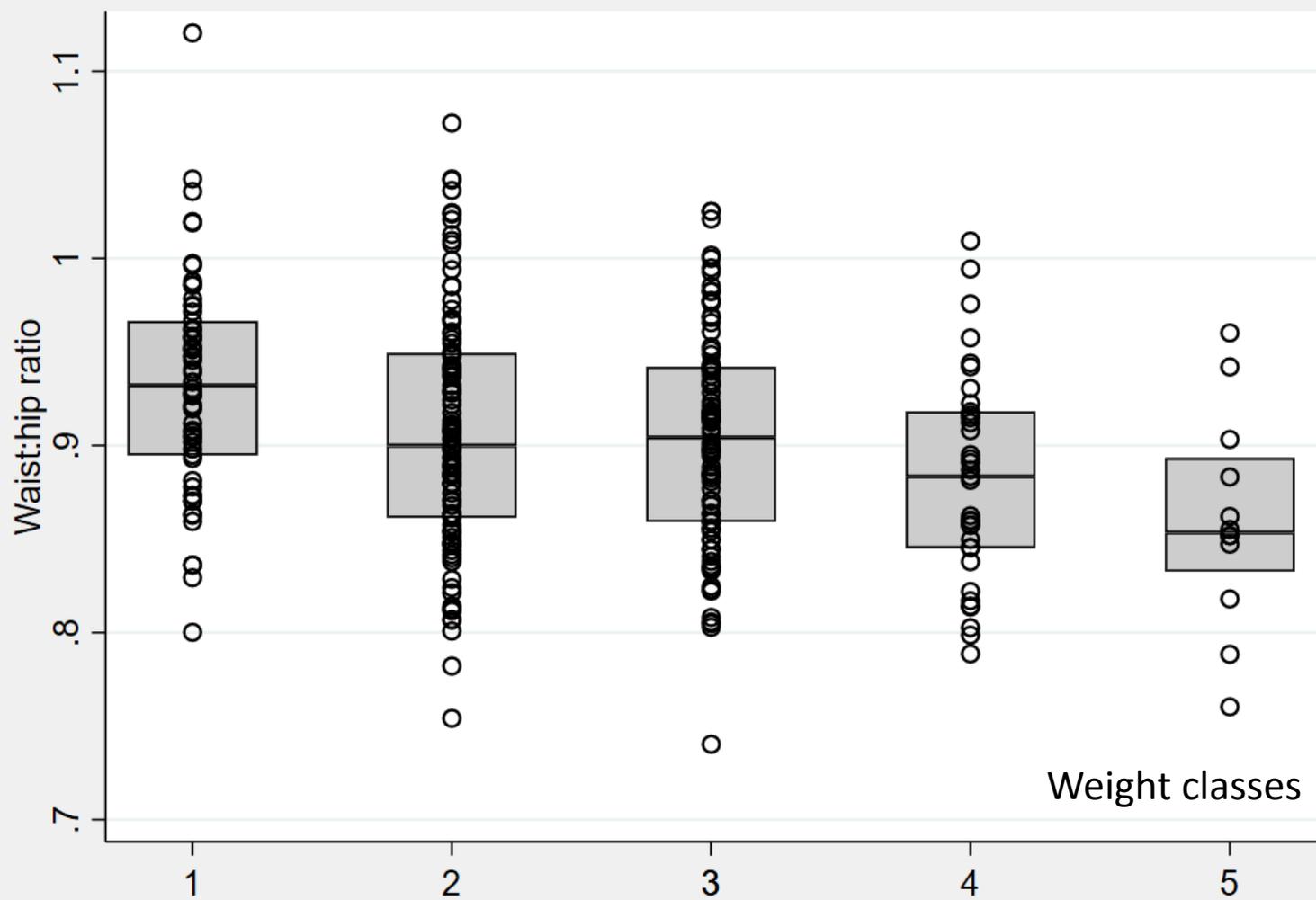
Boxplots showing associations between LCA classes for weight, WAZ and HAZ, and NCD risk outcomes

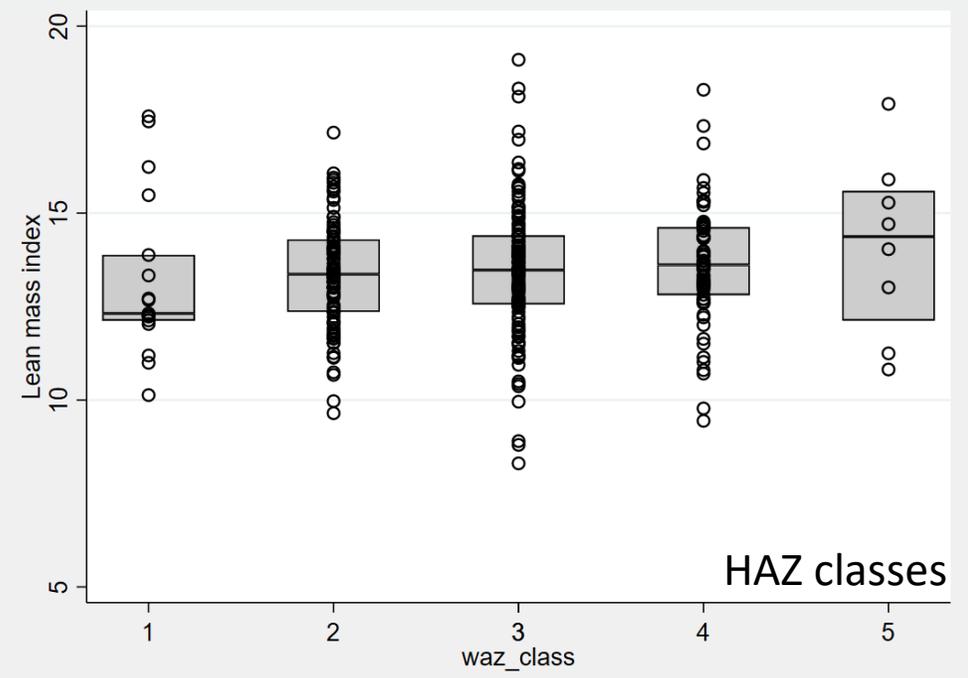
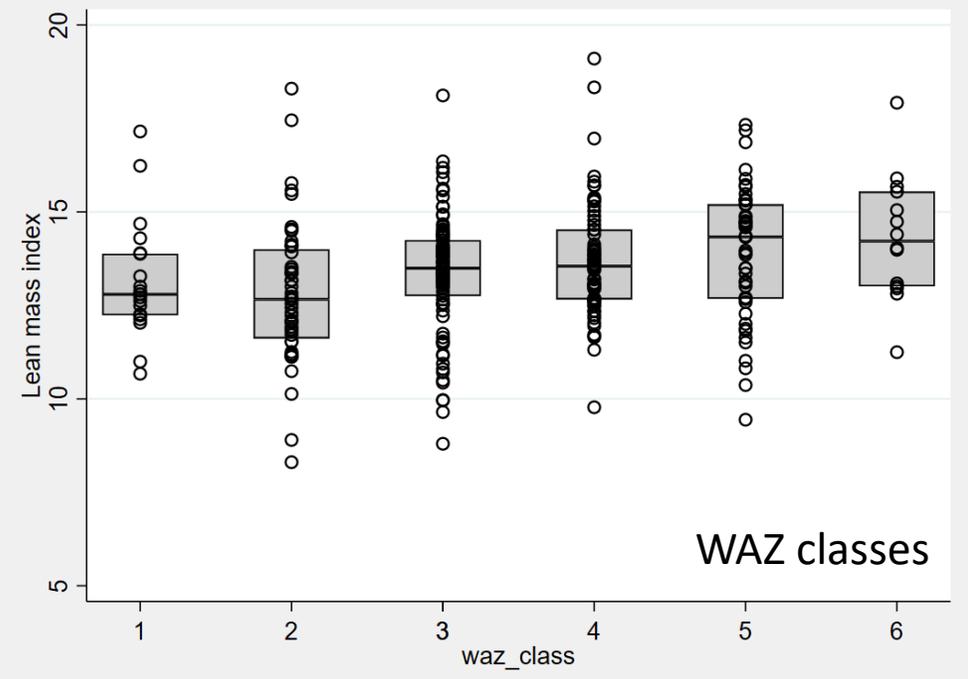
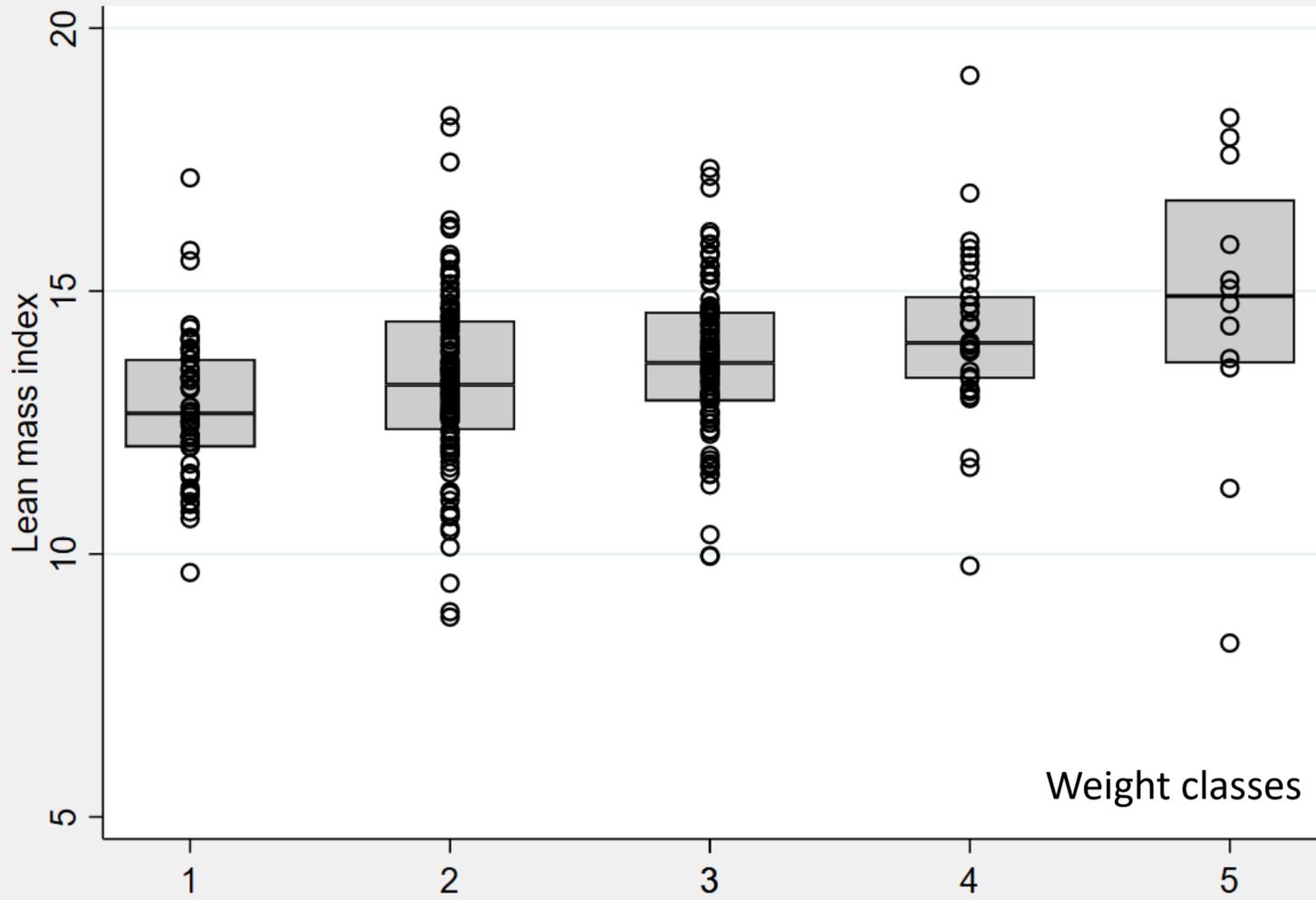


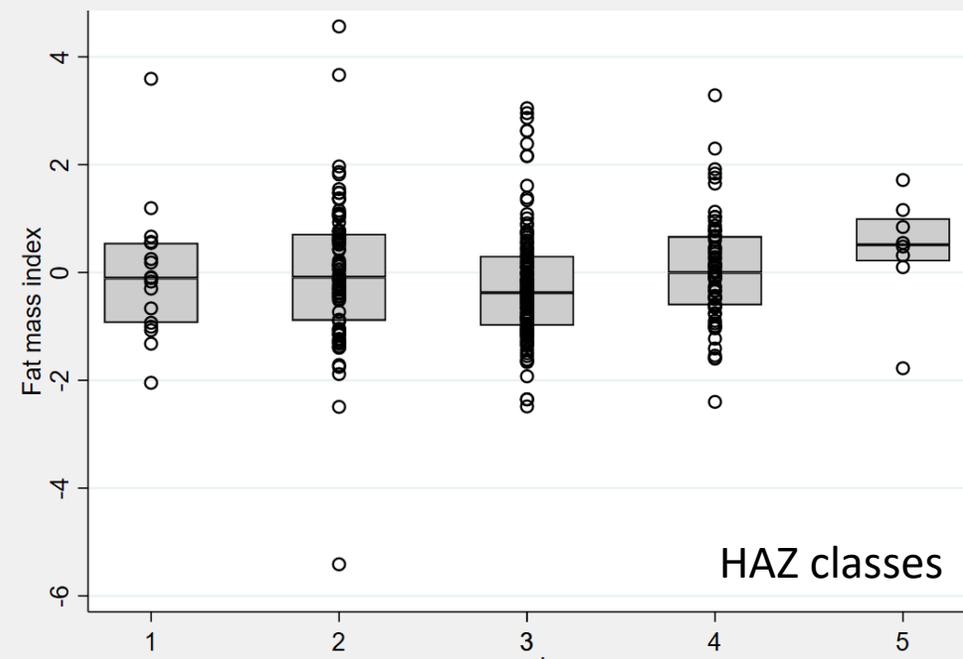
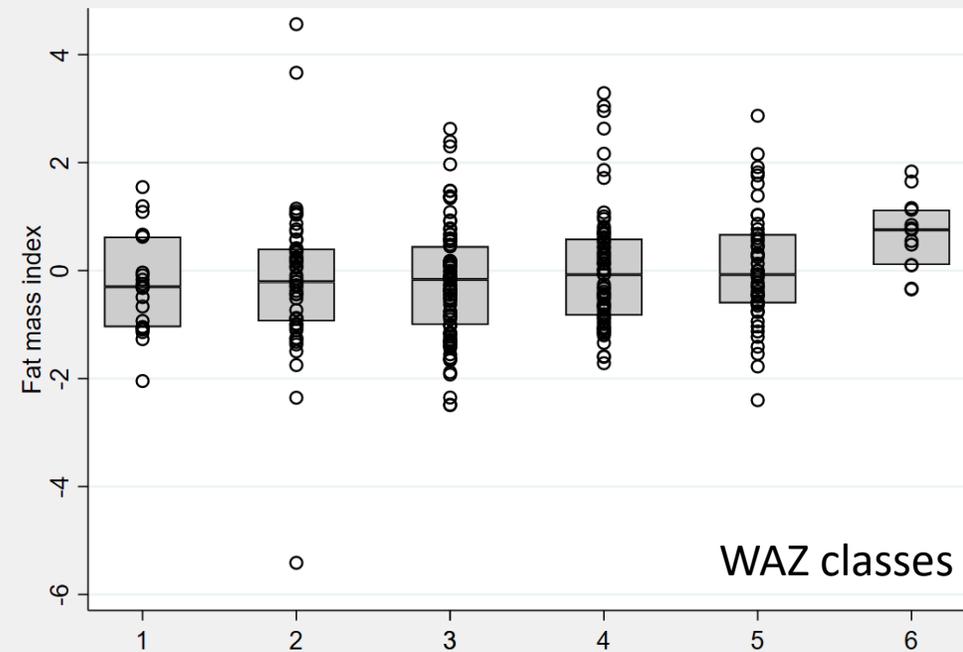
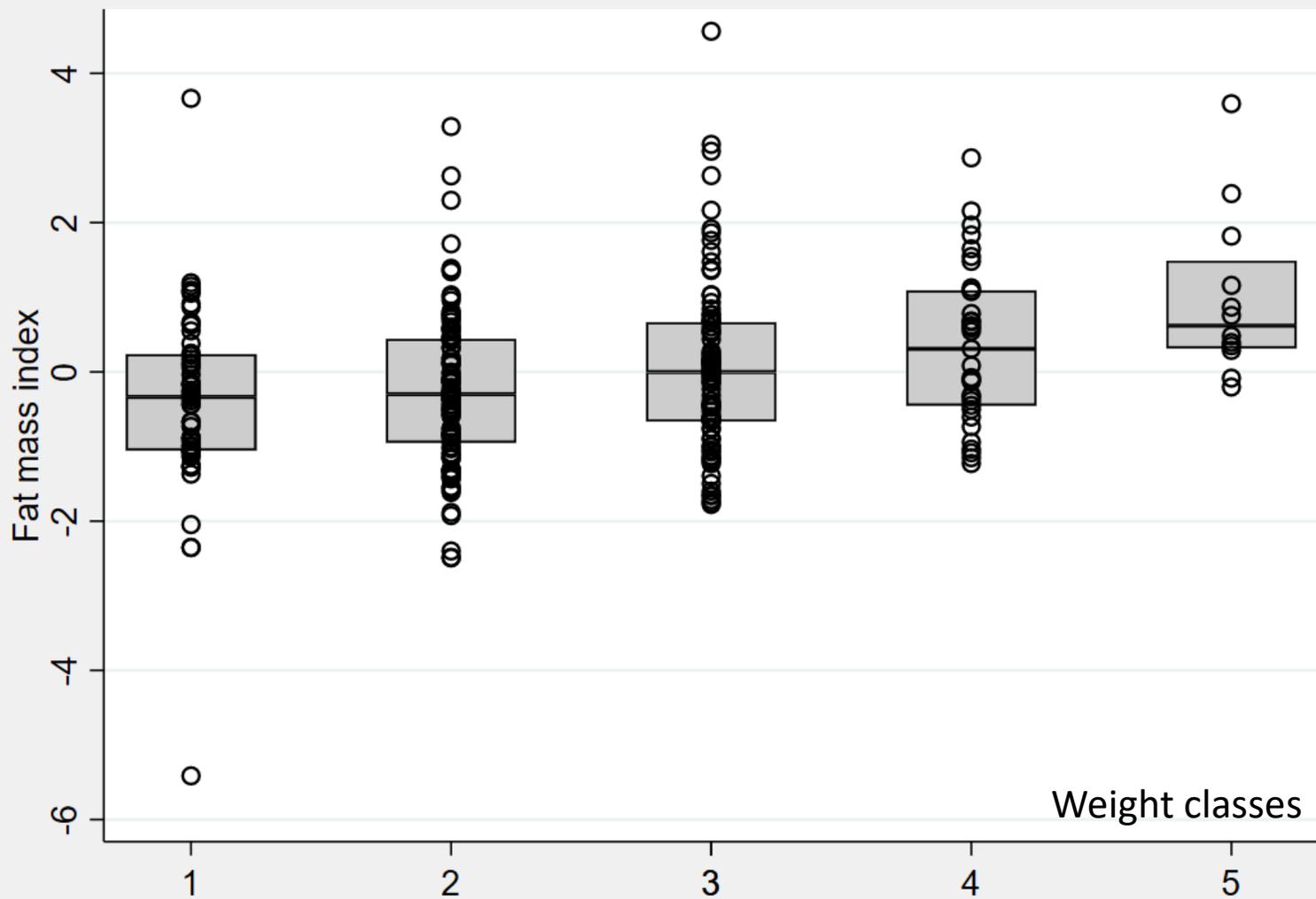


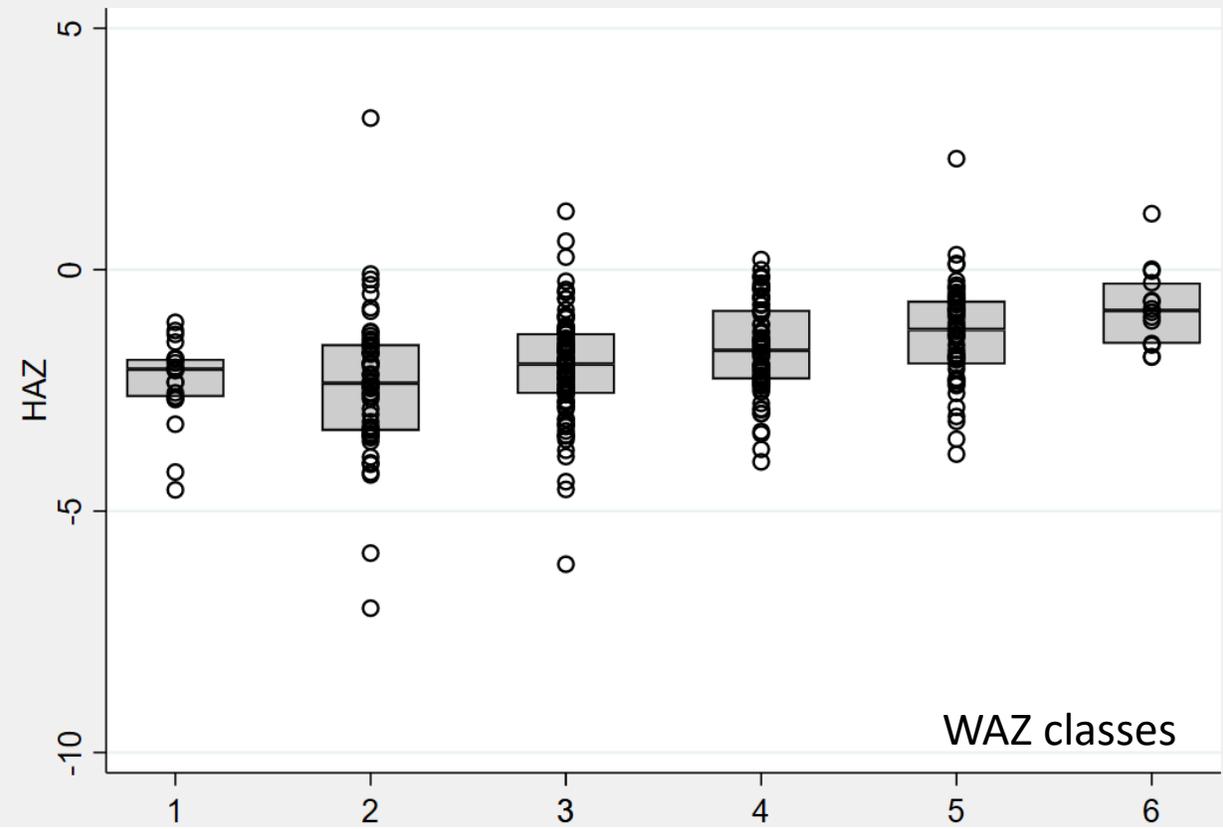
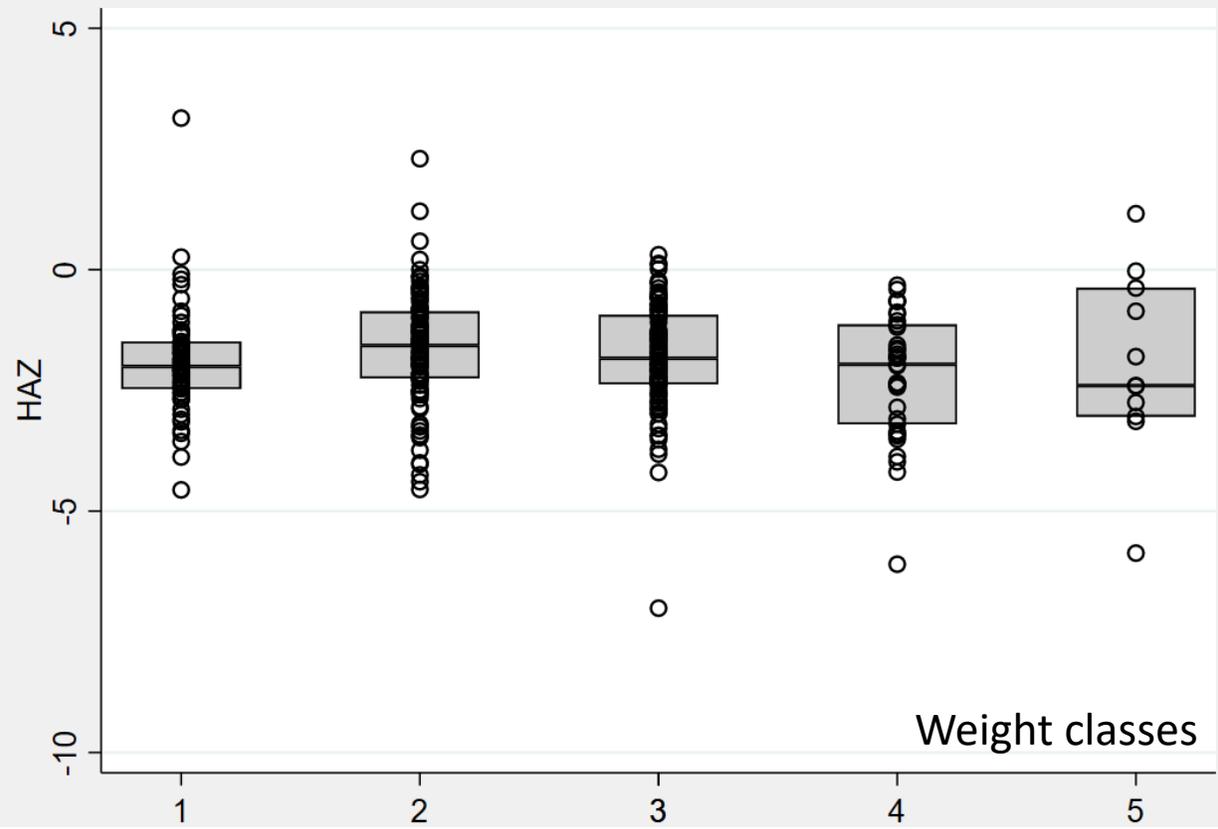










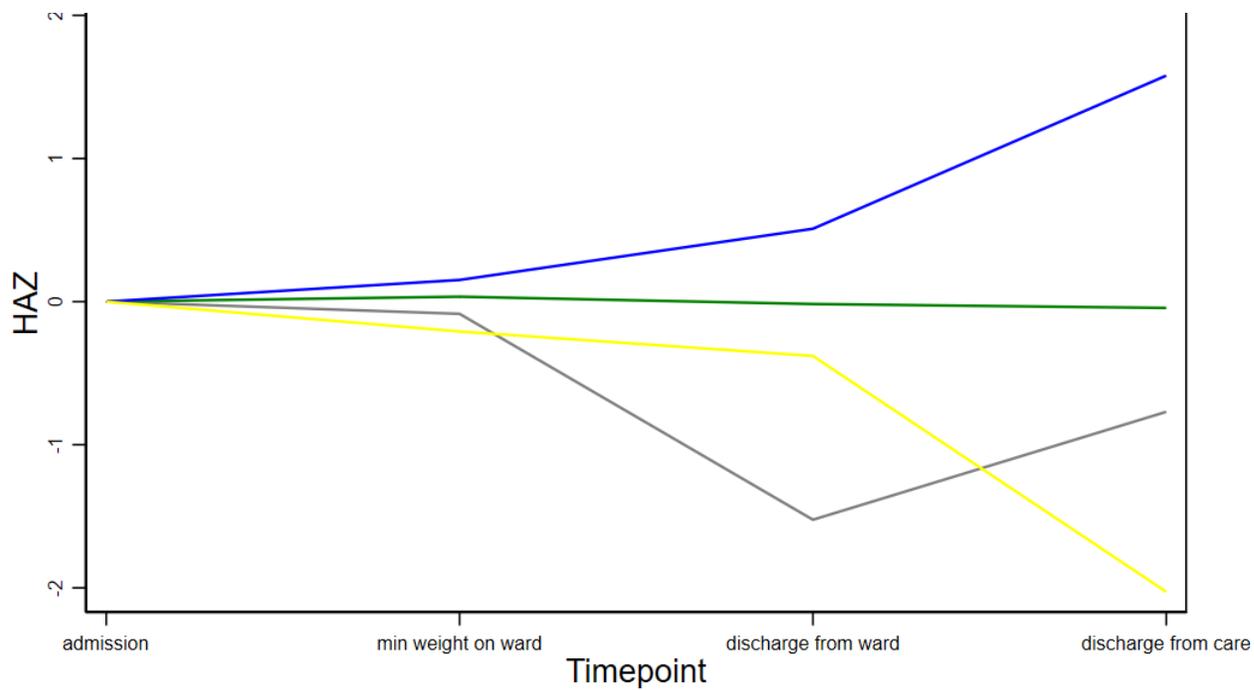
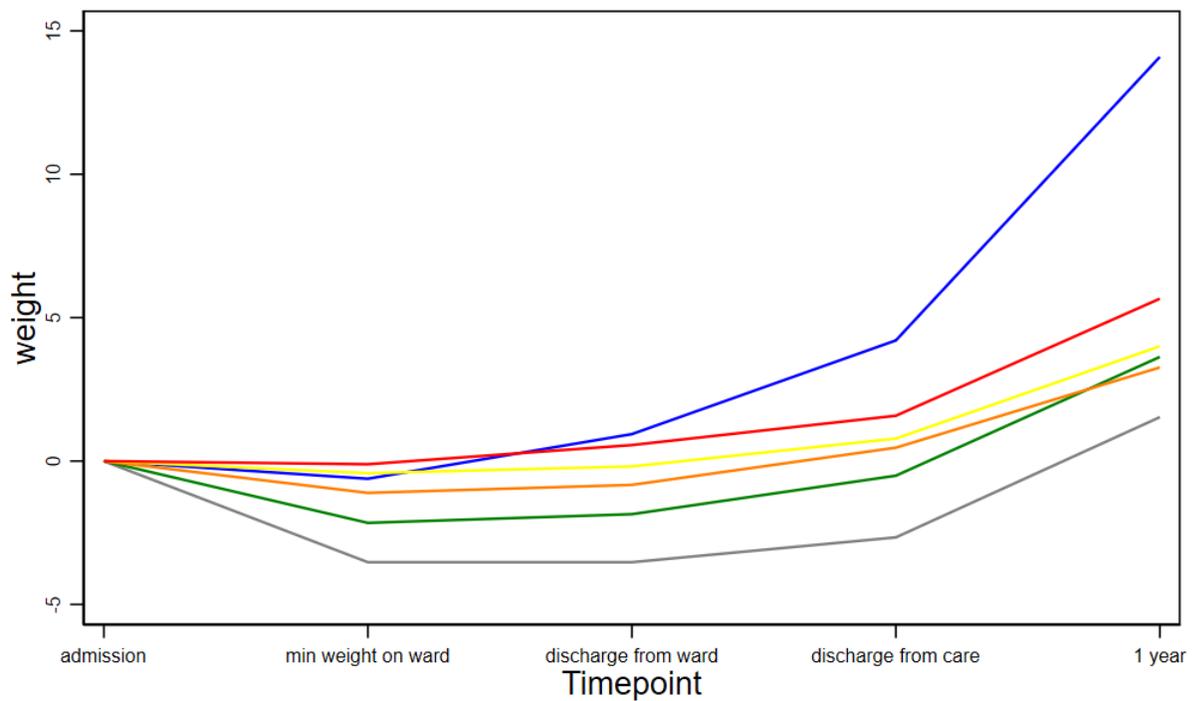
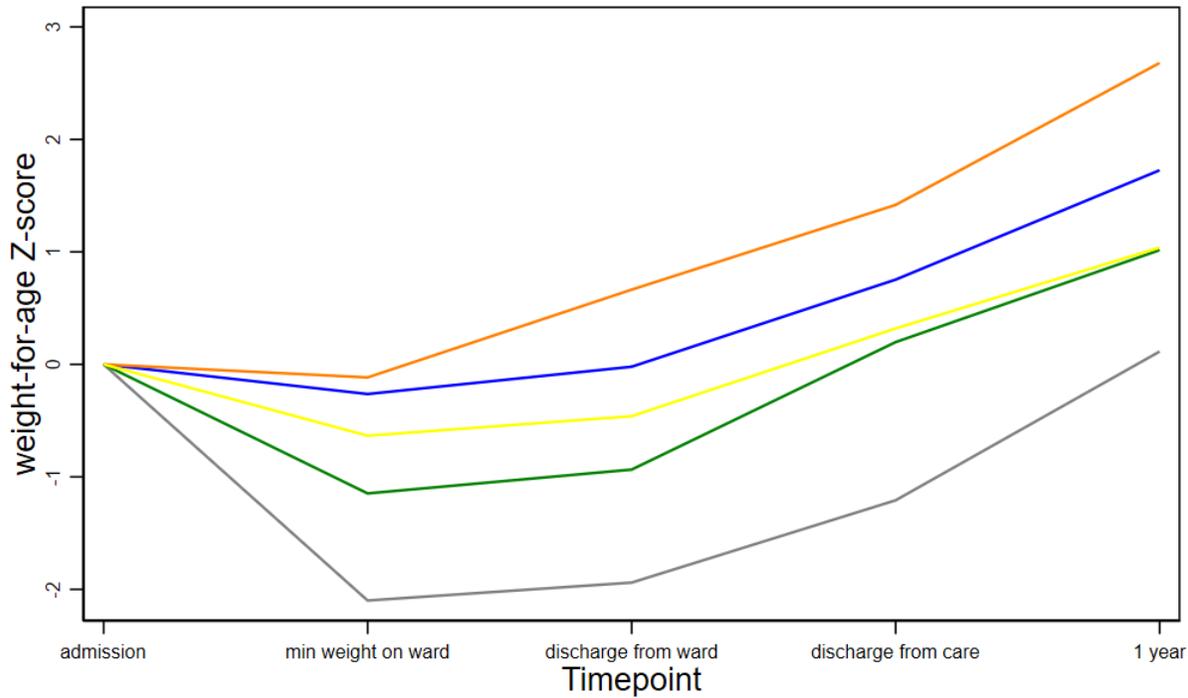


Annex Table 5: Association between Admission anthropometry and NCD outcomes

| NCD indicator | PMGr definition | Unadjusted difference | P-value | 95% CI | Adjusted difference | P-value | 95% CI | NCD indicator | PMGr definition | Unadjusted difference | P-value | 95% CI | Adjusted difference | P-value | 95% CI |
|----------------------------|-----------------------|-----------------------|------------------|---------------------|---------------------|------------------|---------------------|------------------------------|-----------------------|-----------------------|---------------------|-----------------------|---------------------|---------------------|-----------------------|
| Systolic BP | Admission WAZ | 0.82 | 0.016 | (0.15, 1.50) | 0.01 | 0.986 | (-0.73, 0.74) | Waist:Hip ratio | Admission WAZ | -0.01 | <0.001 | (-0.01, -0.00) | -0.01 | 0.004 | (-0.01, -0.00) |
| | Admission weight (kg) | 0.88 | <0.001 | (0.50, 1.27) | -0.14 | 0.624 | (-0.72, 0.43) | | Admission weight (kg) | -0.01 | <0.001 | (-0.01, -0.00) | -0.01 | 0.008 | (-0.01, -0.00) |
| | Admission HAZ | 0.68 | 0.061 | (-0.03, 1.40) | -0.19 | 0.657 | (-1.02, 0.64) | | Admission HAZ | -0.01 | 0.001 | (-0.01, -0.00) | -0.08 | 0.001 | (-0.01, -0.00) |
| Diastolic BP | Admission WAZ | 0.52 | 0.114 | (-0.13, 1.17) | 0.55 | 0.140 | (-0.18, 1.28) | Lean mass index (BIA) | Admission WAZ | 0.25 | <0.001 | (0.12, 0.37) | 0.24 | <0.001 | (0.11, 0.38) |
| | Admission weight (kg) | 0.25 | 0.159 | (-0.10, 0.61) | 0.07 | 0.797 | (-0.49, 0.65) | | Admission weight (kg) | 0.18 | <0.001 | (0.11, 0.25) | 0.18 | 0.001 | (0.07, 0.29) |
| | Admission HAZ | -0.15 | 0.661 | (-0.84, 0.54) | -0.12 | 0.775 | (-0.95, 0.71) | | Admission HAZ | 0.09 | 0.206 | (-0.05, 0.22) | 0.09 | 0.210 | (-0.05, 0.23) |
| Hand grip | Admission WAZ | 0.63 | <0.001 | (0.37, 0.89) | 0.49 | <0.000 | (0.24, 0.74) | Fat mass index (BIA) | Admission WAZ | 0.13 | 0.003 | (0.05, 0.21) | 0.14 | 0.002 | (0.06, 0.24) |
| | Admission weight (kg) | 0.71 | <0.001 | (0.57, 0.85) | 0.31 | 0.005 | (0.09, 0.53) | | Admission weight (kg) | 0.12 | <0.001 | (0.08, 0.17) | 0.10 | 0.005 | (0.03, 0.18) |
| | Admission HAZ | 0.42 | 0.004 | (0.14, 0.70) | 0.53 | <0.001 | (0.28, 0.79) | | Admission HAZ | 0.08 | 0.097 | (-0.01, 0.17) | 0.11 | 0.024 | (0.01, 0.19) |
| Waist circumference | Admission WAZ | 0.89 | <0.001 | (0.62, 1.15) | 0.87 | <0.001 | (0.60, 1.13) | HAZ | Admission WAZ | 0.22 | <0.001 | (0.13, 0.29) | 0.25 | <0.001 | (0.16, 0.33) |
| | Admission weight (kg) | 0.82 | <0.001 | (0.68, 0.97) | 0.52 | <0.001 | (0.30, 0.75) | Admission weight (kg) | -0.03 | 0.313 | (-0.08, 0.03) | 0.15 | <0.001 | (0.08, 0.22) | |
| | Admission HAZ | 0.68 | <0.001 | (0.39, 0.98) | 0.85 | <0.001 | (0.57, 1.12) | Admission HAZ | 0.40 | <0.001 | (0.32, 0.48) | 0.39 | <0.001 | (0.31, 0.47) | |

Annex Figure 6

Growth patterns for WAZ, weight and HAZ described based on LCA classes which have been standardised by admission anthropometry



Annex Figures 7a-5g

Boxplots showing associations between LCA classes for weight, WAZ and HAZ (standardised for admission anthropometry), and NCD risk outcomes

