Table 1: Balance statistics: mnbp

| variable | unadj. correlation | adj. correlation | threshold |
| --- | --- | --- | --- |
| continuous | | | |
| hs\_c\_weight \* cohort\_KANC | 0.285 | 0.073 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_KANC | 0.285 | 0.070 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_KANC | 0.285 | 0.070 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_KANC | 0.284 | 0.069 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_KANC | 0.257 | 0.067 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_KANC | 0.270 | 0.062 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_KANC | 0.188 | 0.061 | Balanced, <0.1 |
| hs\_c\_weight \* h\_ethnicity\_spiro\_5 | 0.267 | 0.058 | Balanced, <0.1 |
| FAS\_score \* cohort\_KANC | 0.244 | 0.058 | Balanced, <0.1 |
| hs\_c\_height \* h\_ethnicity\_spiro\_5 | 0.269 | 0.055 | Balanced, <0.1 |
| hs\_head\_circ \* h\_ethnicity\_spiro\_5 | 0.269 | 0.055 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_KANC | 0.168 | 0.054 | Balanced, <0.1 |
| hs\_age\_years \* h\_ethnicity\_spiro\_5 | 0.267 | 0.054 | Balanced, <0.1 |
| hs\_creatinine\_cg \* h\_ethnicity\_spiro\_5 | 0.246 | 0.054 | Balanced, <0.1 |
| hs\_org\_food \* h\_ethnicity\_spiro\_5 | 0.174 | 0.053 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_KANC | 0.213 | 0.051 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_KANC | 0.232 | 0.049 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* h\_ethnicity\_spiro\_5 | 0.254 | 0.048 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_MOBA | 0.052 | 0.048 | Balanced, <0.1 |
| FAS\_score \* h\_ethnicity\_spiro\_5 | 0.234 | 0.048 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_KANC | 0.162 | 0.046 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_5 | 0.028 | 0.040 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_MOBA | 0.030 | 0.038 | Balanced, <0.1 |
| hs\_total\_veg \* h\_ethnicity\_spiro\_5 | 0.194 | 0.038 | Balanced, <0.1 |
| hs\_c\_weight \* cohort\_MOBA | 0.021 | 0.036 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_MOBA | 0.021 | 0.035 | Balanced, <0.1 |
| hs\_fastfood \* h\_ethnicity\_spiro\_5 | 0.149 | 0.035 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_MOBA | 0.018 | 0.032 | Balanced, <0.1 |
| hs\_org\_food \* hs\_date\_neu\_summer | 0.088 | 0.031 | Balanced, <0.1 |
| hs\_total\_fruits \* h\_ethnicity\_spiro\_5 | 0.209 | 0.031 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_MOBA | 0.016 | 0.031 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_date\_neu\_summer | 0.110 | 0.030 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_5 | 0.013 | 0.029 | Balanced, <0.1 |
| hs\_total\_fruits \* e3\_sex\_1 | 0.050 | 0.029 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_5 | 0.010 | 0.028 | Balanced, <0.1 |
| hs\_org\_food \* hs\_tob\_1 | 0.056 | 0.026 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_5 | 0.003 | 0.026 | Balanced, <0.1 |
| FAS\_score \* cohort\_MOBA | 0.012 | 0.026 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_date\_neu\_summer | 0.134 | 0.025 | Balanced, <0.1 |
| hs\_creatinine\_cg \* h\_ethnicity\_spiro\_2 | 0.067 | 0.025 | Balanced, <0.1 |
| FAS\_score \* hs\_date\_neu\_summer | 0.124 | 0.024 | Balanced, <0.1 |
| hs\_c\_height \* hs\_date\_neu\_summer | 0.123 | 0.024 | Balanced, <0.1 |
| hs\_c\_weight \* h\_ethnicity\_spiro\_2 | 0.079 | 0.023 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_MOBA | 0.027 | 0.023 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_6 | 0.093 | 0.023 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_1 | 0.015 | 0.023 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_date\_neu\_summer | 0.112 | 0.021 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_RHEA | 0.074 | 0.021 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_6 | 0.096 | 0.020 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_RHEA | 0.051 | 0.020 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* h\_ethnicity\_spiro\_2 | 0.054 | 0.020 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_1 | 0.050 | 0.020 | Balanced, <0.1 |
| FAS\_score \* cohort\_RHEA | 0.054 | 0.020 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_6 | 0.089 | 0.020 | Balanced, <0.1 |
| FAS\_score \* h\_ethnicity\_spiro\_2 | 0.071 | 0.020 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_6 | 0.094 | 0.020 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_6 | 0.093 | 0.019 | Balanced, <0.1 |
| hs\_fastfood \* hs\_total\_veg | 0.074 | 0.019 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_date\_neu\_summer | 0.082 | 0.019 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_3 | 0.034 | 0.019 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_6 | 0.103 | 0.019 | Balanced, <0.1 |
| hs\_age\_years \* hs\_date\_neu\_summer | 0.101 | 0.019 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_6 | 0.096 | 0.018 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_tob\_4 | 0.102 | 0.018 | Balanced, <0.1 |
| hs\_c\_height \* h\_ethnicity\_spiro\_2 | 0.072 | 0.018 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_date\_neu\_summer | 0.103 | 0.018 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_6 | 0.089 | 0.018 | Balanced, <0.1 |
| hs\_head\_circ \* h\_ethnicity\_spiro\_2 | 0.071 | 0.018 | Balanced, <0.1 |
| hs\_total\_fish \* h\_ethnicity\_spiro\_5 | 0.109 | 0.017 | Balanced, <0.1 |
| hs\_org\_food \* hs\_creatinine\_cg | 0.054 | 0.017 | Balanced, <0.1 |
| hs\_org\_food \* hs\_date\_neu\_autumn | 0.082 | 0.017 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_RHEA | 0.052 | 0.017 | Balanced, <0.1 |
| hs\_fastfood \* hs\_date\_neu\_summer | 0.126 | 0.017 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_RHEA | 0.066 | 0.017 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_RHEA | 0.056 | 0.017 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_MOBA | 0.022 | 0.016 | Balanced, <0.1 |
| hs\_age\_years \* h\_ethnicity\_spiro\_2 | 0.070 | 0.016 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_date\_neu\_summer | 0.057 | 0.016 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_total\_veg | 0.016 | 0.016 | Balanced, <0.1 |
| hs\_org\_food \* e3\_sex\_0 | 0.047 | 0.016 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_date\_neu\_summer | 0.097 | 0.016 | Balanced, <0.1 |
| hs\_c\_weight \* cohort\_RHEA | 0.059 | 0.016 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_date\_neu\_autumn | 0.027 | 0.016 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_5 | -0.004 | 0.015 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_tob\_5 | -0.019 | 0.015 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_6 | 0.067 | 0.015 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_RHEA | 0.061 | 0.015 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_tob\_3 | 0.013 | 0.015 | Balanced, <0.1 |
| hs\_total\_fruits \* FAS\_score | -0.015 | 0.015 | Balanced, <0.1 |
| hs\_fastfood \* hs\_tob\_1 | 0.080 | 0.015 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_1 | -0.002 | 0.014 | Balanced, <0.1 |
| hs\_total\_veg \* e3\_sex\_1 | 0.036 | 0.014 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_RHEA | 0.061 | 0.014 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_1 | 0.000 | 0.014 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_MOBA | 0.025 | 0.013 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_6 | 0.082 | 0.013 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_tob\_4 | 0.057 | 0.013 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_5 | 0.007 | 0.013 | Balanced, <0.1 |
| hs\_total\_veg | 0.015 | 0.013 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_MOBA | -0.007 | 0.013 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_total\_veg | 0.014 | 0.012 | Balanced, <0.1 |
| hs\_total\_fruits | 0.019 | 0.012 | Balanced, <0.1 |
| hs\_org\_food \* hs\_total\_fruits | 0.045 | 0.012 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_total\_fruits | 0.017 | 0.011 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_tob\_3 | -0.014 | 0.011 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_5 | 0.012 | 0.011 | Balanced, <0.1 |
| hs\_fastfood \* h\_ethnicity\_spiro\_2 | 0.073 | 0.011 | Balanced, <0.1 |
| FAS\_score \* hs\_tob\_4 | 0.055 | 0.011 | Balanced, <0.1 |
| hs\_total\_veg \* h\_ethnicity\_spiro\_2 | 0.054 | 0.011 | Balanced, <0.1 |
| hs\_fastfood \* hs\_tob\_4 | 0.039 | 0.010 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_tob\_4 | 0.084 | 0.010 | Balanced, <0.1 |
| hs\_org\_food \* hs\_tob\_3 | 0.043 | 0.010 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_date\_neu\_autumn | 0.028 | 0.010 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_5 | 0.007 | 0.010 | Balanced, <0.1 |
| hs\_age\_years \* hs\_date\_neu\_autumn | 0.022 | 0.009 | Balanced, <0.1 |
| hs\_c\_height \* hs\_total\_fruits | 0.000 | 0.009 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_MOBA | -0.016 | 0.009 | Balanced, <0.1 |
| hs\_c\_height \* hs\_total\_veg | -0.004 | 0.009 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_creatinine\_cg | -0.002 | 0.009 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_org\_food | 0.050 | 0.009 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_tob\_1 | 0.009 | 0.009 | Balanced, <0.1 |
| hs\_org\_food | 0.049 | 0.008 | Balanced, <0.1 |
| hs\_c\_height \* hs\_date\_neu\_autumn | 0.031 | 0.008 | Balanced, <0.1 |
| hs\_total\_fruits \* h\_ethnicity\_spiro\_2 | 0.059 | 0.008 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_tob\_1 | 0.017 | 0.008 | Balanced, <0.1 |
| hs\_head\_circ | -0.011 | 0.008 | Balanced, <0.1 |
| hs\_c\_height \* hs\_org\_food | 0.039 | 0.008 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_6 | 0.015 | 0.008 | Balanced, <0.1 |
| hs\_total\_veg \* FAS\_score | -0.030 | 0.008 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_5 | 0.013 | 0.008 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_tob\_4 | 0.074 | 0.007 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_date\_neu\_spring | -0.006 | 0.007 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_fastfood | 0.063 | 0.007 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_date\_neu\_autumn | 0.033 | 0.007 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_3 | 0.028 | 0.007 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_6 | 0.020 | 0.007 | Balanced, <0.1 |
| hs\_c\_height \* hs\_tob\_4 | 0.074 | 0.007 | Balanced, <0.1 |
| hs\_head\_circ \* e3\_sex\_1 | 0.032 | 0.007 | Balanced, <0.1 |
| FAS\_score \* hs\_date\_neu\_autumn | 0.008 | 0.006 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_org\_food | 0.023 | 0.006 | Balanced, <0.1 |
| hs\_fastfood | 0.061 | 0.006 | Balanced, <0.1 |
| hs\_fastfood \* hs\_date\_neu\_spring | -0.016 | 0.006 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_2 | 0.077 | 0.006 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_3 | 0.042 | 0.006 | Balanced, <0.1 |
| hs\_org\_food \* h\_ethnicity\_spiro\_2 | 0.024 | 0.006 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_3 | 0.052 | 0.005 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_tob\_1 | 0.002 | 0.005 | Balanced, <0.1 |
| hs\_fastfood \* e3\_sex\_0 | 0.038 | 0.005 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_1 | -0.022 | 0.004 | Balanced, <0.1 |
| hs\_c\_height \* hs\_tob\_1 | 0.001 | 0.004 | Balanced, <0.1 |
| hs\_org\_food \* FAS\_score | 0.028 | 0.004 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_creatinine\_cg | -0.011 | 0.004 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_4 | -0.020 | 0.004 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_tob\_4 | 0.047 | 0.004 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_RHEA | 0.046 | 0.004 | Balanced, <0.1 |
| hs\_age\_years \* hs\_tob\_4 | 0.060 | 0.003 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_1 | -0.032 | 0.003 | Balanced, <0.1 |
| hs\_age\_years \* hs\_total\_fruits | -0.036 | 0.003 | Balanced, <0.1 |
| hs\_c\_height \* hs\_fastfood | 0.050 | 0.003 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_tob\_1 | -0.020 | 0.003 | Balanced, <0.1 |
| hs\_age\_years \* hs\_org\_food | 0.016 | 0.003 | Balanced, <0.1 |
| hs\_fastfood \* e3\_sex\_1 | 0.037 | 0.003 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_1 | -0.029 | 0.003 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_date\_neu\_autumn | 0.023 | 0.002 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_total\_veg | -0.031 | 0.002 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_3 | 0.029 | 0.002 | Balanced, <0.1 |
| hs\_org\_food \* hs\_dift\_mealblood\_imp | 0.034 | 0.002 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_tob\_1 | -0.011 | 0.002 | Balanced, <0.1 |
| hs\_total\_fruits \* h\_ethnicity\_spiro\_1 | -0.007 | 0.002 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_tob\_4 | 0.058 | 0.002 | Balanced, <0.1 |
| hs\_c\_height \* e3\_sex\_1 | 0.015 | 0.002 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_BIB | 0.047 | 0.002 | Balanced, <0.1 |
| hs\_age\_years \* hs\_total\_veg | -0.040 | 0.002 | Balanced, <0.1 |
| hs\_fastfood \* hs\_org\_food | 0.057 | 0.001 | Balanced, <0.1 |
| hs\_fastfood \* hs\_creatinine\_cg | 0.032 | 0.001 | Balanced, <0.1 |
| FAS\_score \* hs\_tob\_3 | -0.023 | 0.001 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_1 | -0.038 | 0.001 | Balanced, <0.1 |
| hs\_creatinine\_cg \* e3\_sex\_1 | -0.007 | 0.001 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_total\_fruits | -0.038 | 0.001 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_RHEA | 0.027 | 0.001 | Balanced, <0.1 |
| hs\_age\_years \* h\_ethnicity\_spiro\_4 | -0.004 | 0.000 | Balanced, <0.1 |
| hs\_fastfood \* FAS\_score | 0.031 | 0.000 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_date\_neu\_autumn | 0.018 | 0.000 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_3 | 0.010 | 0.000 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_5 | -0.008 | 0.000 | Balanced, <0.1 |
| hs\_fastfood \* hs\_dift\_mealblood\_imp | 0.021 | 0.000 | Balanced, <0.1 |
| hs\_org\_food \* hs\_date\_neu\_spring | -0.009 | 0.000 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_date\_neu\_autumn | 0.005 | 0.000 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_tob\_3 | -0.016 | 0.000 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_3 | 0.046 | 0.000 | Balanced, <0.1 |
| hs\_total\_veg \* e3\_sex\_0 | -0.019 | 0.000 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* e3\_sex\_1 | 0.020 | -0.001 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_tob\_3 | -0.048 | -0.001 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_tob\_3 | -0.037 | -0.002 | Balanced, <0.1 |
| FAS\_score \* hs\_tob\_1 | -0.029 | -0.002 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_tob\_3 | 0.005 | -0.002 | Balanced, <0.1 |
| hs\_fastfood \* hs\_total\_fruits | 0.040 | -0.002 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_tob\_3 | -0.022 | -0.002 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_1 | -0.037 | -0.002 | Balanced, <0.1 |
| hs\_c\_height \* hs\_tob\_3 | -0.027 | -0.002 | Balanced, <0.1 |
| hs\_fastfood \* hs\_tob\_5 | -0.022 | -0.002 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_dift\_mealblood\_imp | -0.006 | -0.002 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_3 | 0.010 | -0.002 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_3 | 0.033 | -0.003 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_fastfood | 0.035 | -0.003 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_3 | 0.004 | -0.003 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_tob\_2 | -0.013 | -0.003 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_tob\_2 | -0.020 | -0.003 | Balanced, <0.1 |
| hs\_c\_weight \* e3\_sex\_1 | -0.003 | -0.003 | Balanced, <0.1 |
| hs\_total\_fish \* h\_ethnicity\_spiro\_2 | 0.028 | -0.003 | Balanced, <0.1 |
| hs\_age\_years \* hs\_tob\_3 | -0.038 | -0.003 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_tob\_1 | -0.011 | -0.003 | Balanced, <0.1 |
| hs\_age\_years \* hs\_fastfood | 0.025 | -0.004 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_tob\_2 | -0.019 | -0.004 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_4 | -0.040 | -0.004 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_tob\_2 | -0.015 | -0.005 | Balanced, <0.1 |
| hs\_org\_food \* hs\_total\_veg | 0.011 | -0.005 | Balanced, <0.1 |
| hs\_age\_years \* hs\_tob\_2 | -0.034 | -0.005 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_dift\_mealblood\_imp | -0.001 | -0.006 | Balanced, <0.1 |
| FAS\_score \* hs\_tob\_2 | -0.027 | -0.006 | Balanced, <0.1 |
| hs\_c\_height \* hs\_tob\_2 | -0.027 | -0.006 | Balanced, <0.1 |
| hs\_fastfood \* hs\_date\_neu\_autumn | 0.020 | -0.006 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_2 | -0.031 | -0.006 | Balanced, <0.1 |
| FAS\_score \* e3\_sex\_0 | -0.064 | -0.006 | Balanced, <0.1 |
| hs\_head\_circ \* e3\_sex\_0 | -0.032 | -0.006 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_BIB | -0.007 | -0.006 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_3 | 0.001 | -0.006 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_1 | -0.011 | -0.006 | Balanced, <0.1 |
| FAS\_score \* e3\_sex\_1 | -0.016 | -0.007 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_4 | -0.028 | -0.007 | Balanced, <0.1 |
| hs\_org\_food \* hs\_tob\_5 | -0.022 | -0.007 | Balanced, <0.1 |
| hs\_age\_years \* hs\_tob\_1 | -0.033 | -0.007 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_EDEN | -0.081 | -0.007 | Balanced, <0.1 |
| hs\_creatinine\_cg \* e3\_sex\_0 | -0.040 | -0.007 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_4 | -0.034 | -0.007 | Balanced, <0.1 |
| hs\_total\_veg \* h\_ethnicity\_spiro\_1 | -0.012 | -0.007 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_1 | -0.050 | -0.007 | Balanced, <0.1 |
| FAS\_score \* cohort\_BIB | -0.009 | -0.007 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_1 | -0.035 | -0.007 | Balanced, <0.1 |
| FAS\_score \* h\_ethnicity\_spiro\_1 | -0.016 | -0.008 | Balanced, <0.1 |
| hs\_org\_food \* e3\_sex\_1 | 0.013 | -0.008 | Balanced, <0.1 |
| hs\_age\_years \* e3\_sex\_1 | -0.018 | -0.008 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_BIB | -0.005 | -0.008 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_date\_neu\_winter | -0.051 | -0.008 | Balanced, <0.1 |
| hs\_c\_weight \* cohort\_BIB | 0.006 | -0.008 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_4 | -0.031 | -0.008 | Balanced, <0.1 |
| hs\_fastfood \* hs\_date\_neu\_winter | -0.039 | -0.008 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_creatinine\_cg | -0.073 | -0.008 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_date\_neu\_winter | -0.069 | -0.008 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_tob\_2 | -0.013 | -0.008 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_tob\_2 | -0.043 | -0.009 | Balanced, <0.1 |
| hs\_c\_height \* e3\_sex\_0 | -0.050 | -0.009 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_BIB | -0.011 | -0.009 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_tob\_5 | -0.017 | -0.009 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_date\_neu\_winter | -0.090 | -0.009 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_date\_neu\_spring | -0.025 | -0.009 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_4 | -0.022 | -0.009 | Balanced, <0.1 |
| hs\_creatinine\_cg | -0.074 | -0.010 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_5 | -0.007 | -0.010 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* e3\_sex\_0 | -0.044 | -0.010 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_EDEN | -0.088 | -0.010 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_tob\_4 | -0.002 | -0.010 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_date\_neu\_autumn | -0.031 | -0.010 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_tob\_2 | -0.039 | -0.010 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_BIB | 0.000 | -0.010 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_tob\_5 | -0.037 | -0.011 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* h\_ethnicity\_spiro\_1 | -0.017 | -0.011 | Balanced, <0.1 |
| hs\_total\_fruits \* h\_ethnicity\_spiro\_3 | -0.128 | -0.011 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_4 | -0.032 | -0.011 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_BIB | -0.002 | -0.011 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_dift\_mealblood\_imp | -0.065 | -0.011 | Balanced, <0.1 |
| hs\_c\_weight \* e3\_sex\_0 | -0.077 | -0.011 | Balanced, <0.1 |
| hs\_fastfood \* hs\_tob\_3 | -0.024 | -0.011 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_BIB | -0.002 | -0.012 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_date\_neu\_spring | -0.053 | -0.012 | Balanced, <0.1 |
| hs\_head\_circ \* h\_ethnicity\_spiro\_1 | -0.020 | -0.012 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_EDEN | -0.101 | -0.012 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_date\_neu\_spring | -0.033 | -0.012 | Balanced, <0.1 |
| hs\_total\_veg \* h\_ethnicity\_spiro\_3 | -0.110 | -0.012 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_tob\_1 | -0.059 | -0.012 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_finance\_2 | -0.028 | -0.012 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_BIB | -0.006 | -0.012 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_2 | -0.053 | -0.012 | Balanced, <0.1 |
| hs\_c\_height \* h\_ethnicity\_spiro\_1 | -0.020 | -0.012 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_finance\_4 | -0.020 | -0.012 | Balanced, <0.1 |
| hs\_age\_years \* h\_ethnicity\_spiro\_1 | -0.021 | -0.012 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_4 | -0.035 | -0.013 | Balanced, <0.1 |
| hs\_c\_height \* hs\_tob\_5 | -0.044 | -0.013 | Balanced, <0.1 |
| hs\_total\_fish \* e3\_sex\_1 | -0.049 | -0.013 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_dift\_mealblood\_imp | -0.035 | -0.014 | Balanced, <0.1 |
| hs\_org\_food \* hs\_total\_fish | -0.029 | -0.014 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_2 | -0.021 | -0.014 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_total\_veg | -0.081 | -0.014 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp | -0.033 | -0.014 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_tob\_5 | -0.048 | -0.014 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_finance\_2 | -0.053 | -0.014 | Balanced, <0.1 |
| hs\_c\_weight \* h\_ethnicity\_spiro\_1 | -0.022 | -0.014 | Balanced, <0.1 |
| hs\_org\_food \* hs\_tob\_2 | -0.029 | -0.014 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_date\_neu\_winter | -0.102 | -0.014 | Balanced, <0.1 |
| hs\_total\_fruits \* e3\_sex\_0 | -0.027 | -0.015 | Balanced, <0.1 |
| hs\_age\_years \* e3\_sex\_0 | -0.082 | -0.015 | Balanced, <0.1 |
| hs\_c\_height \* hs\_date\_neu\_spring | -0.041 | -0.015 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_finance\_4 | -0.042 | -0.015 | Balanced, <0.1 |
| hs\_age\_years \* hs\_tob\_5 | -0.058 | -0.015 | Balanced, <0.1 |
| hs\_total\_fish \* h\_ethnicity\_spiro\_1 | -0.022 | -0.015 | Balanced, <0.1 |
| hs\_c\_height \* hs\_finance\_2 | -0.042 | -0.015 | Balanced, <0.1 |
| FAS\_score \* hs\_date\_neu\_spring | -0.060 | -0.015 | Balanced, <0.1 |
| hs\_c\_height \* hs\_creatinine\_cg | -0.110 | -0.016 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_4 | -0.021 | -0.016 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_date\_neu\_winter | -0.119 | -0.017 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_date\_neu\_winter | -0.111 | -0.017 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_date\_neu\_winter | -0.123 | -0.018 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_3 | -0.055 | -0.018 | Balanced, <0.1 |
| hs\_creatinine\_cg \* h\_ethnicity\_spiro\_1 | -0.025 | -0.018 | Balanced, <0.1 |
| FAS\_score \* hs\_tob\_5 | -0.057 | -0.018 | Balanced, <0.1 |
| hs\_total\_fruits \* hs\_finance\_2 | -0.046 | -0.018 | Balanced, <0.1 |
| hs\_creatinine\_cg \* hs\_tob\_5 | -0.052 | -0.018 | Balanced, <0.1 |
| hs\_c\_height \* hs\_date\_neu\_winter | -0.118 | -0.019 | Balanced, <0.1 |
| FAS\_score \* hs\_finance\_2 | -0.055 | -0.019 | Balanced, <0.1 |
| hs\_creatinine\_cg \* FAS\_score | -0.129 | -0.019 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_date\_neu\_spring | -0.059 | -0.019 | Balanced, <0.1 |
| hs\_fastfood \* hs\_tob\_2 | -0.015 | -0.020 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_RHEA | 0.005 | -0.020 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_tob\_5 | -0.080 | -0.020 | Balanced, <0.1 |
| hs\_total\_fish \* e3\_sex\_0 | -0.115 | -0.021 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_tob\_5 | -0.046 | -0.021 | Balanced, <0.1 |
| hs\_c\_height \* hs\_dift\_mealblood\_imp | -0.068 | -0.021 | Balanced, <0.1 |
| hs\_fastfood \* h\_ethnicity\_spiro\_1 | -0.027 | -0.021 | Balanced, <0.1 |
| hs\_age\_years \* hs\_date\_neu\_winter | -0.128 | -0.021 | Balanced, <0.1 |
| hs\_org\_food \* hs\_finance\_4 | -0.013 | -0.021 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_dift\_mealblood\_imp | -0.099 | -0.021 | Balanced, <0.1 |
| hs\_fastfood \* hs\_finance\_5 | -0.030 | -0.022 | Balanced, <0.1 |
| FAS\_score \* hs\_date\_neu\_winter | -0.126 | -0.022 | Balanced, <0.1 |
| hs\_fastfood \* h\_ethnicity\_spiro\_3 | -0.084 | -0.022 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_creatinine\_cg | -0.137 | -0.022 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_finance\_2 | -0.079 | -0.023 | Balanced, <0.1 |
| hs\_age\_years \* hs\_finance\_2 | -0.069 | -0.023 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_total\_fruits | -0.091 | -0.023 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_BIB | -0.016 | -0.023 | Balanced, <0.1 |
| hs\_org\_food \* hs\_date\_neu\_winter | -0.049 | -0.023 | Balanced, <0.1 |
| hs\_age\_years \* hs\_date\_neu\_spring | -0.068 | -0.024 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_SAB | -0.138 | -0.024 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* hs\_date\_neu\_spring | -0.041 | -0.024 | Balanced, <0.1 |
| FAS\_score \* hs\_dift\_mealblood\_imp | -0.098 | -0.025 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_BIB | -0.013 | -0.025 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_EDEN | -0.079 | -0.025 | Balanced, <0.1 |
| hs\_org\_food \* cohort\_SAB | -0.074 | -0.025 | Balanced, <0.1 |
| hs\_total\_veg \* hs\_finance\_2 | -0.043 | -0.025 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_date\_neu\_spring | -0.081 | -0.025 | Balanced, <0.1 |
| hs\_fastfood \* hs\_total\_fish | -0.040 | -0.025 | Balanced, <0.1 |
| hs\_head\_circ \* FAS\_score | -0.165 | -0.026 | Balanced, <0.1 |
| hs\_org\_food \* hs\_tob\_4 | 0.024 | -0.026 | Balanced, <0.1 |
| hs\_org\_food \* h\_ethnicity\_spiro\_3 | -0.064 | -0.026 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_head\_circ | -0.153 | -0.026 | Balanced, <0.1 |
| FAS\_score | -0.167 | -0.026 | Balanced, <0.1 |
| hs\_c\_weight | -0.159 | -0.029 | Balanced, <0.1 |
| hs\_age\_years \* hs\_creatinine\_cg | -0.160 | -0.030 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_dift\_mealblood\_imp | -0.133 | -0.030 | Balanced, <0.1 |
| hs\_total\_fish | -0.150 | -0.031 | Balanced, <0.1 |
| hs\_head\_circ \* hs\_total\_fish | -0.150 | -0.031 | Balanced, <0.1 |
| hs\_c\_weight \* hs\_total\_fish | -0.173 | -0.032 | Balanced, <0.1 |
| hs\_total\_fish \* FAS\_score | -0.167 | -0.032 | Balanced, <0.1 |
| hs\_c\_height \* hs\_total\_fish | -0.161 | -0.032 | Balanced, <0.1 |
| FAS\_score \* cohort\_EDEN | -0.138 | -0.032 | Balanced, <0.1 |
| hs\_total\_fish \* h\_ethnicity\_spiro\_3 | -0.200 | -0.034 | Balanced, <0.1 |
| hs\_c\_height \* hs\_c\_weight | -0.177 | -0.034 | Balanced, <0.1 |
| hs\_age\_years \* hs\_dift\_mealblood\_imp | -0.124 | -0.035 | Balanced, <0.1 |
| hs\_age\_years \* hs\_total\_fish | -0.180 | -0.035 | Balanced, <0.1 |
| hs\_c\_height \* hs\_head\_circ | -0.193 | -0.035 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_EDEN | -0.134 | -0.036 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_EDEN | -0.140 | -0.036 | Balanced, <0.1 |
| hs\_c\_height \* FAS\_score | -0.205 | -0.036 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_EDEN | -0.128 | -0.036 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_EDEN | -0.141 | -0.037 | Balanced, <0.1 |
| hs\_c\_weight \* cohort\_EDEN | -0.139 | -0.037 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_EDEN | -0.141 | -0.037 | Balanced, <0.1 |
| hs\_total\_fish \* hs\_creatinine\_cg | -0.156 | -0.038 | Balanced, <0.1 |
| hs\_c\_weight \* FAS\_score | -0.204 | -0.040 | Balanced, <0.1 |
| hs\_fastfood \* cohort\_EDEN | -0.110 | -0.040 | Balanced, <0.1 |
| hs\_c\_height | -0.220 | -0.045 | Balanced, <0.1 |
| hs\_age\_years \* hs\_c\_weight | -0.213 | -0.045 | Balanced, <0.1 |
| hs\_age\_years \* FAS\_score | -0.243 | -0.048 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* h\_ethnicity\_spiro\_3 | -0.202 | -0.048 | Balanced, <0.1 |
| hs\_dift\_mealblood\_imp \* cohort\_SAB | -0.170 | -0.049 | Balanced, <0.1 |
| hs\_total\_fish \* cohort\_SAB | -0.186 | -0.051 | Balanced, <0.1 |
| hs\_age\_years \* hs\_c\_height | -0.249 | -0.055 | Balanced, <0.1 |
| hs\_creatinine\_cg \* h\_ethnicity\_spiro\_3 | -0.254 | -0.055 | Balanced, <0.1 |
| FAS\_score \* h\_ethnicity\_spiro\_3 | -0.282 | -0.056 | Balanced, <0.1 |
| hs\_age\_years \* hs\_head\_circ | -0.257 | -0.056 | Balanced, <0.1 |
| hs\_head\_circ \* h\_ethnicity\_spiro\_3 | -0.272 | -0.056 | Balanced, <0.1 |
| hs\_total\_veg \* cohort\_SAB | -0.173 | -0.057 | Balanced, <0.1 |
| hs\_age\_years | -0.256 | -0.057 | Balanced, <0.1 |
| hs\_creatinine\_cg \* cohort\_SAB | -0.194 | -0.058 | Balanced, <0.1 |
| hs\_c\_height \* h\_ethnicity\_spiro\_3 | -0.287 | -0.060 | Balanced, <0.1 |
| hs\_c\_weight \* h\_ethnicity\_spiro\_3 | -0.284 | -0.061 | Balanced, <0.1 |
| hs\_age\_years \* h\_ethnicity\_spiro\_3 | -0.299 | -0.062 | Balanced, <0.1 |
| hs\_total\_fruits \* cohort\_SAB | -0.168 | -0.063 | Balanced, <0.1 |
| hs\_head\_circ \* cohort\_SAB | -0.210 | -0.063 | Balanced, <0.1 |
| hs\_c\_weight \* cohort\_SAB | -0.207 | -0.063 | Balanced, <0.1 |
| hs\_age\_years \* cohort\_SAB | -0.210 | -0.063 | Balanced, <0.1 |
| hs\_c\_height \* cohort\_SAB | -0.210 | -0.063 | Balanced, <0.1 |
| FAS\_score \* cohort\_SAB | -0.209 | -0.065 | Balanced, <0.1 |
| binary | | | |
| cohort\_KANC | 0.287 | 0.069 | Balanced, <0.1 |
| cohort\_KANC \* h\_ethnicity\_spiro\_5 | 0.282 | 0.065 | Balanced, <0.1 |
| cohort\_KANC \* e3\_sex\_0 | 0.228 | 0.060 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_finance\_3 | 0.044 | 0.059 | Balanced, <0.1 |
| cohort\_KANC \* hs\_date\_neu\_spring | 0.146 | 0.057 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* e3\_sex\_0 | 0.229 | 0.056 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_date\_neu\_summer | 0.180 | 0.055 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 | 0.270 | 0.055 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_date\_neu\_spring | 0.136 | 0.052 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_KANC | 0.148 | 0.051 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_RHEA | 0.073 | 0.046 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_KANC | 0.156 | 0.044 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_finance\_3 | 0.086 | 0.043 | Balanced, <0.1 |
| hs\_tob\_5 \* h\_ethnicity\_spiro\_5 | 0.141 | 0.041 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_date\_neu\_summer | 0.088 | 0.039 | Balanced, <0.1 |
| cohort\_MOBA \* e3\_sex\_0 | 0.033 | 0.039 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_finance\_5 | 0.011 | 0.037 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_date\_neu\_winter | 0.042 | 0.037 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_3 | 0.161 | 0.037 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_2 | 0.156 | 0.037 | Balanced, <0.1 |
| hs\_finance\_2 \* hs\_date\_neu\_summer | 0.129 | 0.036 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_BIB | 0.047 | 0.036 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_finance\_4 | 0.081 | 0.036 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_finance\_1 | 0.027 | 0.035 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_2 | 0.155 | 0.035 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_date\_neu\_winter | 0.048 | 0.035 | Balanced, <0.1 |
| hs\_date\_neu\_summer \* e3\_sex\_0 | 0.091 | 0.033 | Balanced, <0.1 |
| cohort\_KANC \* hs\_date\_neu\_winter | 0.096 | 0.032 | Balanced, <0.1 |
| cohort\_MOBA \* h\_ethnicity\_spiro\_3 | 0.015 | 0.032 | Balanced, <0.1 |
| hs\_tob\_1 \* h\_ethnicity\_spiro\_5 | 0.140 | 0.032 | Balanced, <0.1 |
| hs\_finance\_5 \* hs\_date\_neu\_summer | 0.007 | 0.031 | Balanced, <0.1 |
| cohort\_KANC \* e3\_sex\_1 | 0.155 | 0.031 | Balanced, <0.1 |
| cohort\_MOBA | 0.016 | 0.030 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_3 | 0.155 | 0.029 | Balanced, <0.1 |
| cohort\_RHEA \* e3\_sex\_1 | 0.110 | 0.028 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_6 | 0.119 | 0.027 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_date\_neu\_winter | 0.090 | 0.026 | Balanced, <0.1 |
| hs\_date\_neu\_summer | 0.134 | 0.026 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_5 | 0.140 | 0.025 | Balanced, <0.1 |
| hs\_tob\_4 \* h\_ethnicity\_spiro\_2 | 0.067 | 0.025 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_KANC | 0.114 | 0.025 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_MOBA | 0.032 | 0.024 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_date\_neu\_autumn | 0.006 | 0.024 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_6 | 0.106 | 0.023 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_finance\_3 | 0.059 | 0.022 | Balanced, <0.1 |
| cohort\_KANC \* hs\_date\_neu\_summer | 0.131 | 0.022 | Balanced, <0.1 |
| cohort\_KANC \* h\_ethnicity\_spiro\_3 | 0.044 | 0.022 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_1 | 0.080 | 0.021 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_finance\_2 | 0.072 | 0.021 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_6 | 0.084 | 0.021 | Balanced, <0.1 |
| hs\_finance\_6 \* e3\_sex\_0 | 0.050 | 0.021 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_date\_neu\_autumn | 0.046 | 0.020 | Balanced, <0.1 |
| hs\_finance\_6 \* hs\_date\_neu\_winter | 0.009 | 0.020 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_MOBA | 0.021 | 0.020 | Balanced, <0.1 |
| hs\_finance\_6 | 0.095 | 0.020 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_date\_neu\_summer | 0.061 | 0.020 | Balanced, <0.1 |
| hs\_finance\_1 \* hs\_date\_neu\_winter | -0.004 | 0.019 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_date\_neu\_summer | 0.077 | 0.018 | Balanced, <0.1 |
| hs\_finance\_6 \* hs\_date\_neu\_summer | 0.109 | 0.018 | Balanced, <0.1 |
| cohort\_BIB \* e3\_sex\_1 | 0.025 | 0.018 | Balanced, <0.1 |
| cohort\_KANC \* hs\_finance\_4 | 0.030 | 0.018 | Balanced, <0.1 |
| cohort\_BIB \* h\_ethnicity\_spiro\_2 | 0.069 | 0.017 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 | 0.070 | 0.017 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_date\_neu\_spring | 0.043 | 0.017 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_RHEA | 0.062 | 0.017 | Balanced, <0.1 |
| hs\_tob\_1 \* h\_ethnicity\_spiro\_2 | 0.069 | 0.017 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_date\_neu\_winter | -0.038 | 0.016 | Balanced, <0.1 |
| cohort\_RHEA \* h\_ethnicity\_spiro\_3 | 0.066 | 0.016 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_MOBA | -0.018 | 0.016 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_finance\_3 | 0.095 | 0.016 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* e3\_sex\_1 | 0.008 | 0.016 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_KANC | 0.065 | 0.016 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_1 | 0.075 | 0.016 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* e3\_sex\_1 | 0.131 | 0.015 | Balanced, <0.1 |
| hs\_tob\_4 \* e3\_sex\_1 | 0.027 | 0.015 | Balanced, <0.1 |
| cohort\_KANC \* hs\_date\_neu\_autumn | 0.157 | 0.015 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_5 | -0.001 | 0.015 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_2 | 0.018 | 0.014 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_finance\_5 | -0.005 | 0.014 | Balanced, <0.1 |
| hs\_finance\_3 \* e3\_sex\_1 | 0.039 | 0.014 | Balanced, <0.1 |
| hs\_date\_neu\_spring \* e3\_sex\_1 | 0.027 | 0.013 | Balanced, <0.1 |
| hs\_tob\_2 \* h\_ethnicity\_spiro\_5 | 0.063 | 0.013 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_date\_neu\_autumn | -0.046 | 0.013 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* e3\_sex\_1 | 0.042 | 0.013 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_date\_neu\_summer | 0.068 | 0.013 | Balanced, <0.1 |
| hs\_finance\_4 \* hs\_date\_neu\_spring | 0.001 | 0.013 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_date\_neu\_summer | 0.119 | 0.012 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_1 | 0.020 | 0.012 | Balanced, <0.1 |
| hs\_finance\_3 \* hs\_date\_neu\_summer | 0.053 | 0.012 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_finance\_3 | 0.023 | 0.012 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_finance\_6 | 0.052 | 0.012 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* e3\_sex\_0 | 0.055 | 0.011 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_finance\_1 | -0.026 | 0.011 | Balanced, <0.1 |
| hs\_tob\_2 \* e3\_sex\_0 | 0.011 | 0.011 | Balanced, <0.1 |
| hs\_tob\_4 | 0.086 | 0.011 | Balanced, <0.1 |
| hs\_finance\_4 \* hs\_date\_neu\_autumn | -0.011 | 0.009 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_date\_neu\_autumn | 0.152 | 0.009 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_date\_neu\_summer | 0.059 | 0.009 | Balanced, <0.1 |
| hs\_finance\_5 | 0.015 | 0.009 | Balanced, <0.1 |
| hs\_tob\_5 \* e3\_sex\_1 | 0.037 | 0.009 | Balanced, <0.1 |
| hs\_finance\_1 \* e3\_sex\_0 | -0.012 | 0.009 | Balanced, <0.1 |
| cohort\_KANC \* h\_ethnicity\_spiro\_2 | 0.011 | 0.008 | Balanced, <0.1 |
| cohort\_BIB \* hs\_date\_neu\_spring | 0.013 | 0.008 | Balanced, <0.1 |
| hs\_date\_neu\_autumn \* e3\_sex\_0 | 0.031 | 0.008 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_finance\_2 | 0.026 | 0.008 | Balanced, <0.1 |
| hs\_finance\_2 \* hs\_date\_neu\_autumn | 0.025 | 0.008 | Balanced, <0.1 |
| hs\_date\_neu\_autumn | 0.034 | 0.007 | Balanced, <0.1 |
| hs\_finance\_5 \* e3\_sex\_0 | 0.007 | 0.007 | Balanced, <0.1 |
| hs\_finance\_5 \* hs\_date\_neu\_spring | 0.040 | 0.007 | Balanced, <0.1 |
| hs\_tob\_1 | 0.017 | 0.007 | Balanced, <0.1 |
| hs\_finance\_1 \* hs\_date\_neu\_autumn | -0.002 | 0.007 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_date\_neu\_autumn | 0.018 | 0.007 | Balanced, <0.1 |
| hs\_tob\_4 \* h\_ethnicity\_spiro\_3 | -0.007 | 0.007 | Balanced, <0.1 |
| e3\_sex | 0.033 | 0.007 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_4 | -0.003 | 0.007 | Balanced, <0.1 |
| cohort\_BIB \* hs\_date\_neu\_winter | -0.009 | 0.006 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_4 | 0.019 | 0.006 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_date\_neu\_autumn | -0.017 | 0.006 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* hs\_finance\_2 | -0.001 | 0.006 | Balanced, <0.1 |
| hs\_finance\_6 \* e3\_sex\_1 | 0.088 | 0.006 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_5 | 0.006 | 0.006 | Balanced, <0.1 |
| cohort\_BIB \* hs\_finance\_3 | 0.030 | 0.006 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_3 | 0.034 | 0.006 | Balanced, <0.1 |
| hs\_finance\_3 | 0.043 | 0.006 | Balanced, <0.1 |
| hs\_finance\_5 \* e3\_sex\_1 | 0.016 | 0.005 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_date\_neu\_spring | 0.012 | 0.005 | Balanced, <0.1 |
| hs\_tob\_1 \* e3\_sex\_1 | 0.032 | 0.004 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_EDEN | -0.040 | 0.004 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_finance\_4 | 0.003 | 0.004 | Balanced, <0.1 |
| hs\_tob\_5 \* h\_ethnicity\_spiro\_2 | 0.001 | 0.004 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_finance\_1 | -0.013 | 0.004 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_1 | -0.057 | 0.004 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_date\_neu\_summer | 0.050 | 0.004 | Balanced, <0.1 |
| hs\_tob\_1 \* e3\_sex\_0 | -0.011 | 0.004 | Balanced, <0.1 |
| hs\_finance\_6 \* hs\_date\_neu\_autumn | 0.044 | 0.003 | Balanced, <0.1 |
| hs\_finance\_1 | -0.024 | 0.003 | Balanced, <0.1 |
| hs\_finance\_3 \* hs\_date\_neu\_spring | 0.031 | 0.003 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_date\_neu\_autumn | -0.003 | 0.002 | Balanced, <0.1 |
| hs\_tob\_3 \* e3\_sex\_1 | -0.015 | 0.002 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_KANC | 0.134 | 0.002 | Balanced, <0.1 |
| hs\_date\_neu\_autumn \* e3\_sex\_1 | 0.013 | 0.002 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* hs\_date\_neu\_autumn | -0.003 | 0.002 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_finance\_4 | 0.025 | 0.001 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_finance\_1 | -0.003 | 0.001 | Balanced, <0.1 |
| hs\_finance\_2 \* e3\_sex\_1 | 0.007 | 0.001 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_finance\_5 | 0.071 | 0.001 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_6 | 0.030 | 0.001 | Balanced, <0.1 |
| hs\_date\_neu\_summer \* e3\_sex\_1 | 0.091 | 0.000 | Balanced, <0.1 |
| hs\_finance\_5 \* hs\_date\_neu\_winter | -0.013 | 0.000 | Balanced, <0.1 |
| cohort\_MOBA \* e3\_sex\_1 | -0.013 | 0.000 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_date\_neu\_autumn | 0.047 | 0.000 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_finance\_4 | -0.018 | 0.000 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_5 \* hs\_finance\_5 | 0.103 | 0.000 | Balanced, <0.1 |
| hs\_finance\_3 \* hs\_date\_neu\_winter | -0.038 | -0.001 | Balanced, <0.1 |
| hs\_tob\_4 \* e3\_sex\_0 | 0.094 | -0.001 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* hs\_date\_neu\_winter | -0.007 | -0.001 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_date\_neu\_autumn | -0.020 | -0.001 | Balanced, <0.1 |
| hs\_tob\_3 | -0.022 | -0.002 | Balanced, <0.1 |
| cohort\_SAB \* hs\_date\_neu\_summer | -0.031 | -0.002 | Balanced, <0.1 |
| cohort\_MOBA \* h\_ethnicity\_spiro\_2 | 0.010 | -0.003 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_RHEA | 0.059 | -0.003 | Balanced, <0.1 |
| hs\_finance\_4 \* e3\_sex\_1 | 0.005 | -0.003 | Balanced, <0.1 |
| hs\_finance\_3 \* hs\_date\_neu\_autumn | 0.041 | -0.003 | Balanced, <0.1 |
| cohort\_BIB \* hs\_finance\_2 | 0.014 | -0.003 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_RHEA | -0.013 | -0.003 | Balanced, <0.1 |
| cohort\_MOBA \* h\_ethnicity\_spiro\_5 | -0.008 | -0.003 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_BIB | 0.011 | -0.003 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_6 | -0.006 | -0.004 | Balanced, <0.1 |
| hs\_tob\_2 | -0.018 | -0.004 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_finance\_6 | -0.007 | -0.004 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_date\_neu\_spring | 0.033 | -0.004 | Balanced, <0.1 |
| hs\_tob\_3 \* e3\_sex\_0 | -0.016 | -0.005 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_date\_neu\_winter | 0.016 | -0.005 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_date\_neu\_spring | -0.013 | -0.005 | Balanced, <0.1 |
| hs\_finance\_4 \* e3\_sex\_0 | -0.040 | -0.005 | Balanced, <0.1 |
| hs\_finance\_3 \* e3\_sex\_0 | 0.019 | -0.005 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_finance\_1 | 0.010 | -0.005 | Balanced, <0.1 |
| cohort\_RHEA \* e3\_sex\_0 | -0.017 | -0.005 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_EDEN | -0.056 | -0.005 | Balanced, <0.1 |
| hs\_finance\_1 \* e3\_sex\_1 | -0.019 | -0.005 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_finance\_2 | -0.027 | -0.005 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_3 | -0.042 | -0.005 | Balanced, <0.1 |
| hs\_tob\_1 \* h\_ethnicity\_spiro\_1 | -0.013 | -0.006 | Balanced, <0.1 |
| hs\_date\_neu\_winter \* e3\_sex\_1 | -0.060 | -0.006 | Balanced, <0.1 |
| hs\_finance\_4 | -0.026 | -0.006 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_finance\_4 | -0.008 | -0.006 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_5 | -0.015 | -0.006 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_4 | -0.033 | -0.007 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_1 | -0.016 | -0.007 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_SAB | -0.058 | -0.007 | Balanced, <0.1 |
| cohort\_BIB \* hs\_finance\_5 | -0.015 | -0.008 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_date\_neu\_summer | 0.019 | -0.008 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* e3\_sex\_1 | -0.057 | -0.008 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_date\_neu\_summer | -0.032 | -0.009 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_date\_neu\_winter | -0.044 | -0.009 | Balanced, <0.1 |
| hs\_tob\_2 \* h\_ethnicity\_spiro\_3 | -0.053 | -0.009 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_finance\_4 | -0.016 | -0.009 | Balanced, <0.1 |
| hs\_date\_neu\_spring | -0.025 | -0.010 | Balanced, <0.1 |
| cohort\_BIB \* hs\_date\_neu\_summer | 0.024 | -0.010 | Balanced, <0.1 |
| hs\_finance\_1 \* hs\_date\_neu\_summer | 0.020 | -0.010 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_RHEA | -0.006 | -0.010 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_date\_neu\_spring | -0.032 | -0.010 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_BIB | -0.028 | -0.010 | Balanced, <0.1 |
| hs\_tob\_5 | -0.037 | -0.010 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_finance\_4 | -0.030 | -0.011 | Balanced, <0.1 |
| cohort\_BIB | -0.002 | -0.011 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_MOBA | -0.024 | -0.011 | Balanced, <0.1 |
| hs\_tob\_3 \* h\_ethnicity\_spiro\_3 | -0.065 | -0.011 | Balanced, <0.1 |
| cohort\_SAB \* hs\_date\_neu\_autumn | -0.060 | -0.011 | Balanced, <0.1 |
| cohort\_BIB \* h\_ethnicity\_spiro\_1 | -0.020 | -0.012 | Balanced, <0.1 |
| cohort\_BIB \* hs\_finance\_1 | -0.034 | -0.012 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_finance\_4 | -0.029 | -0.012 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_MOBA | -0.018 | -0.012 | Balanced, <0.1 |
| cohort\_SAB \* hs\_finance\_4 | -0.058 | -0.012 | Balanced, <0.1 |
| hs\_tob\_2 \* h\_ethnicity\_spiro\_2 | -0.017 | -0.012 | Balanced, <0.1 |
| hs\_finance\_2 \* hs\_date\_neu\_spring | -0.046 | -0.013 | Balanced, <0.1 |
| hs\_finance\_2 | -0.028 | -0.013 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_date\_neu\_autumn | 0.002 | -0.013 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_date\_neu\_spring | -0.059 | -0.014 | Balanced, <0.1 |
| hs\_tob\_2 \* hs\_finance\_3 | 0.008 | -0.014 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_finance\_3 | -0.054 | -0.014 | Balanced, <0.1 |
| hs\_tob\_1 \* hs\_date\_neu\_winter | -0.060 | -0.015 | Balanced, <0.1 |
| hs\_tob\_5 \* h\_ethnicity\_spiro\_1 | -0.018 | -0.015 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_finance\_5 | -0.019 | -0.015 | Balanced, <0.1 |
| hs\_finance\_2 \* e3\_sex\_0 | -0.040 | -0.016 | Balanced, <0.1 |
| cohort\_SAB \* hs\_finance\_2 | -0.103 | -0.016 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_date\_neu\_spring | 0.012 | -0.016 | Balanced, <0.1 |
| hs\_date\_neu\_winter \* e3\_sex\_0 | -0.082 | -0.016 | Balanced, <0.1 |
| hs\_tob\_3 \* hs\_finance\_2 | -0.041 | -0.017 | Balanced, <0.1 |
| cohort\_BIB \* hs\_finance\_4 | -0.017 | -0.017 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_finance\_1 | -0.011 | -0.017 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_finance\_5 | -0.017 | -0.017 | Balanced, <0.1 |
| cohort\_BIB \* h\_ethnicity\_spiro\_3 | -0.062 | -0.018 | Balanced, <0.1 |
| hs\_date\_neu\_winter | -0.112 | -0.018 | Balanced, <0.1 |
| hs\_finance\_4 \* hs\_date\_neu\_winter | -0.041 | -0.018 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* hs\_date\_neu\_spring | -0.022 | -0.019 | Balanced, <0.1 |
| hs\_finance\_4 \* hs\_date\_neu\_summer | -0.003 | -0.019 | Balanced, <0.1 |
| cohort\_MOBA \* hs\_finance\_2 | -0.029 | -0.019 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_BIB | -0.016 | -0.019 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_EDEN | -0.035 | -0.019 | Balanced, <0.1 |
| hs\_finance\_1 \* hs\_date\_neu\_spring | -0.056 | -0.019 | Balanced, <0.1 |
| cohort\_EDEN \* e3\_sex\_1 | -0.077 | -0.020 | Balanced, <0.1 |
| cohort\_SAB \* hs\_finance\_5 | -0.031 | -0.020 | Balanced, <0.1 |
| hs\_tob\_4 \* cohort\_SAB | -0.035 | -0.020 | Balanced, <0.1 |
| hs\_tob\_2 \* e3\_sex\_1 | -0.042 | -0.020 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_date\_neu\_winter | -0.070 | -0.020 | Balanced, <0.1 |
| hs\_tob\_4 \* hs\_finance\_2 | 0.008 | -0.020 | Balanced, <0.1 |
| hs\_tob\_1 \* h\_ethnicity\_spiro\_3 | -0.104 | -0.021 | Balanced, <0.1 |
| hs\_org\_food \* h\_ethnicity\_spiro\_1 | -0.024 | -0.022 | Balanced, <0.1 |
| hs\_tob\_5 \* e3\_sex\_0 | -0.085 | -0.022 | Balanced, <0.1 |
| cohort\_SAB \* hs\_finance\_1 | -0.078 | -0.023 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_3 | -0.076 | -0.024 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_date\_neu\_winter | -0.096 | -0.024 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_date\_neu\_spring | -0.089 | -0.024 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_BIB | -0.038 | -0.024 | Balanced, <0.1 |
| hs\_tob\_5 \* hs\_finance\_2 | -0.035 | -0.024 | Balanced, <0.1 |
| hs\_date\_neu\_spring \* e3\_sex\_0 | -0.056 | -0.024 | Balanced, <0.1 |
| hs\_finance\_5 \* hs\_date\_neu\_autumn | -0.025 | -0.026 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* hs\_finance\_3 | -0.030 | -0.026 | Balanced, <0.1 |
| cohort\_BIB \* hs\_date\_neu\_autumn | -0.040 | -0.026 | Balanced, <0.1 |
| cohort\_RHEA \* hs\_date\_neu\_winter | -0.066 | -0.028 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_1 \* e3\_sex\_0 | -0.032 | -0.028 | Balanced, <0.1 |
| hs\_tob\_5 \* h\_ethnicity\_spiro\_3 | -0.098 | -0.028 | Balanced, <0.1 |
| hs\_tob\_2 \* cohort\_EDEN | -0.050 | -0.028 | Balanced, <0.1 |
| cohort\_EDEN \* e3\_sex\_0 | -0.111 | -0.028 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_2 \* hs\_date\_neu\_autumn | -0.021 | -0.029 | Balanced, <0.1 |
| cohort\_BIB \* e3\_sex\_0 | -0.024 | -0.029 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_finance\_2 | -0.102 | -0.031 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_EDEN | -0.098 | -0.031 | Balanced, <0.1 |
| hs\_tob\_3 \* cohort\_SAB | -0.087 | -0.031 | Balanced, <0.1 |
| hs\_tob\_5 \* cohort\_SAB | -0.094 | -0.033 | Balanced, <0.1 |
| cohort\_EDEN \* hs\_finance\_1 | -0.078 | -0.033 | Balanced, <0.1 |
| hs\_tob\_1 \* cohort\_SAB | -0.127 | -0.034 | Balanced, <0.1 |
| cohort\_EDEN \* h\_ethnicity\_spiro\_3 | -0.140 | -0.036 | Balanced, <0.1 |
| hs\_finance\_2 \* hs\_date\_neu\_winter | -0.110 | -0.039 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_date\_neu\_winter | -0.167 | -0.040 | Balanced, <0.1 |
| cohort\_SAB \* hs\_date\_neu\_spring | -0.117 | -0.040 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_finance\_2 | -0.139 | -0.041 | Balanced, <0.1 |
| cohort\_SAB \* e3\_sex\_1 | -0.127 | -0.041 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* e3\_sex\_0 | -0.190 | -0.042 | Balanced, <0.1 |
| cohort\_SAB \* e3\_sex\_0 | -0.151 | -0.042 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 \* hs\_date\_neu\_spring | -0.118 | -0.044 | Balanced, <0.1 |
| cohort\_SAB \* hs\_date\_neu\_winter | -0.144 | -0.046 | Balanced, <0.1 |
| cohort\_BIB \* h\_ethnicity\_spiro\_5 | -0.037 | -0.050 | Balanced, <0.1 |
| cohort\_SAB \* hs\_finance\_3 | -0.127 | -0.051 | Balanced, <0.1 |
| h\_ethnicity\_spiro\_3 | -0.272 | -0.055 | Balanced, <0.1 |
| cohort\_SAB \* h\_ethnicity\_spiro\_3 | -0.210 | -0.062 | Balanced, <0.1 |