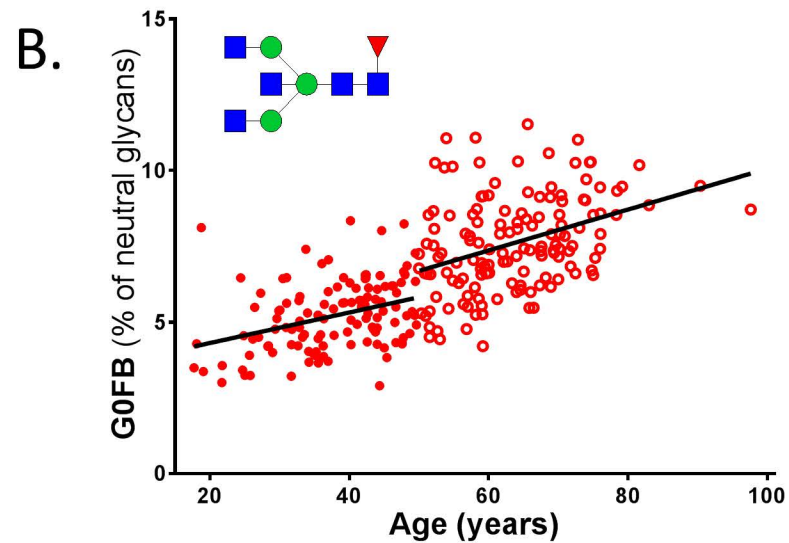
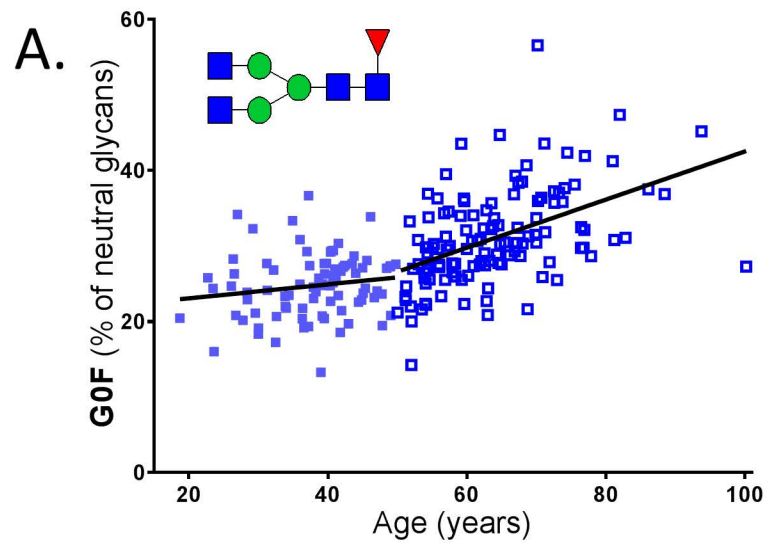


Supplemental Figure Legends

Figure S1. G0F in men and G0FB in women and men from the ORCADES cohort. A. IgG-specific G0F from 207 men in the ORCADES cohort, divided at age 50. G0F increased with age but no discontinuity was observed at age 50. B. IgG-specific G0FB glycans from 261 females and 207 males from the ORCADES cohort. In both women and men, G0FB increased with age (per year of age, $\beta = 0.06 \pm 0.01$ $p < 0.0001$ vs. $\beta = 0.08 \pm 0.01$ $p < 0.0001$, respectively, by linear regression), but only women demonstrated an increment at age 50 years (women $\beta = 0.84 \pm 0.30$ $p = 0.005$, men $\beta = 0.07 \pm 0.36$ $p = \text{ns}$).

Figure S2. Quantitation of glycan fractions by HPLC of whole serum/plasma. Brackets indicate major species encompassed under G0, G0F, G0FB, and G1.

Figure S3. Quantitation of glycan fractions by UPLC of purified IgG. Major species under each glycoprotein peak (GP) are indicated. The total neutral glycan (Gn) fraction is $\Sigma(\text{GP1:GP15})$. $G0 = (\text{GP1} + \text{GP2} + \text{GP4} + \text{GP6})/\text{Gn}$; $G0F = \text{GP4}/\text{Gn}$; $G0FB = \text{GP6}/\text{Gn}$ (97% of glycan in GP6 is G0FB, as per Pučić et al. 2011).



- women <50 y
- women ≥50 y
- men <50 y
- men ≥50 y

