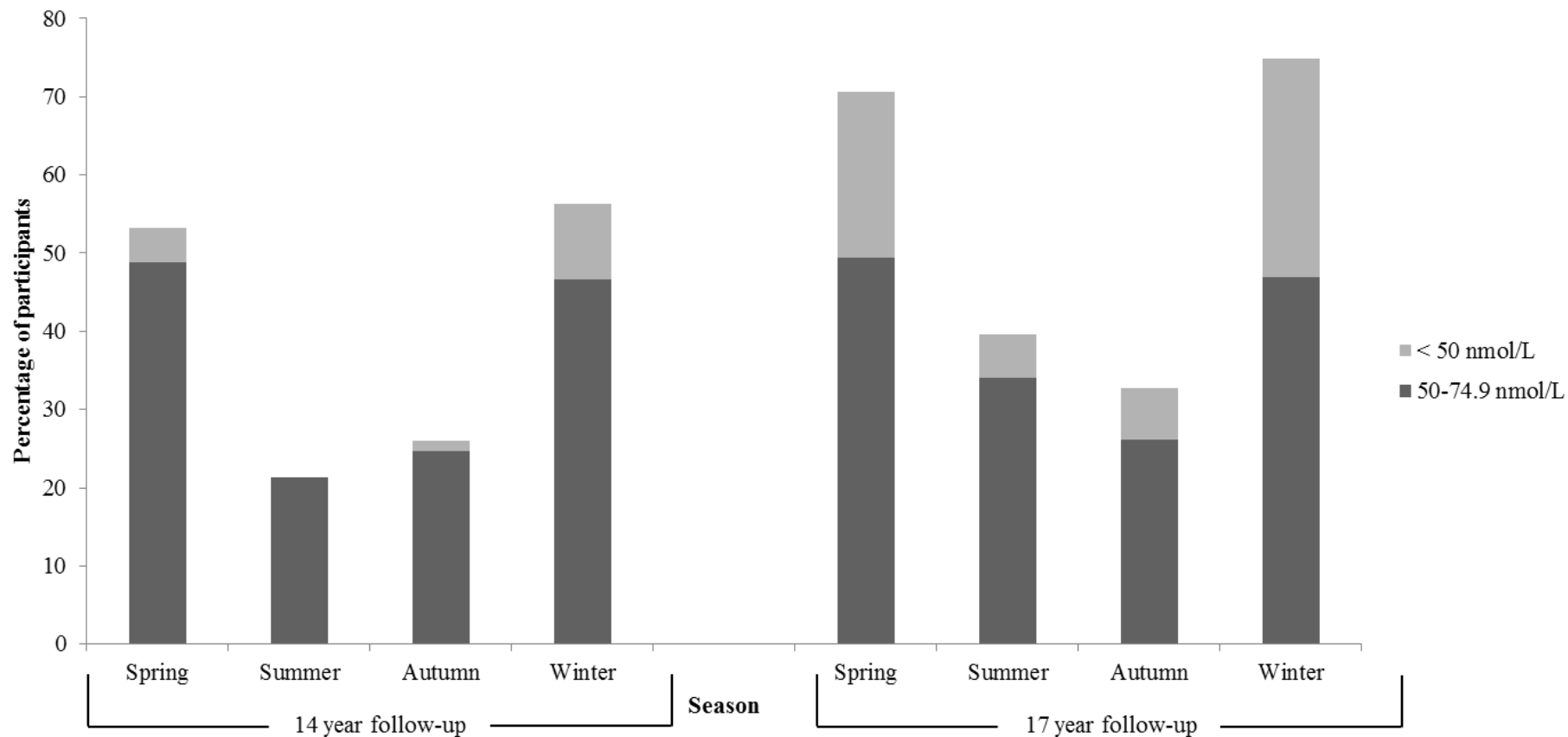


Supplementary Figure 1. Bland-Altman plot showing the agreement between the enzyme immunoassay (14 year follow-up) and LC-MS/MS. The limit of agreement is the mean difference \pm two standard deviations.



Supplementary Figure 2. Percentage of participants with serum 25-hydroxyvitamin D concentrations < 50 nmol/L and 50-74.9 nmol/L at the 14 and 17 year follow-ups ($n = 1045$), stratified by season of blood collection (Spring, September-November; summer, December-February; autumn, March-May; winter, June-August)