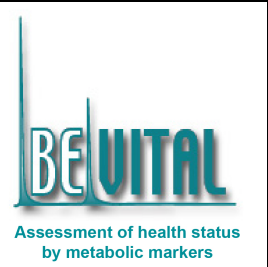
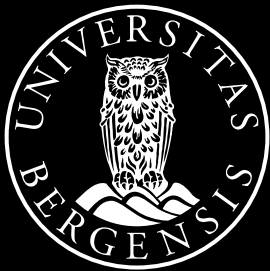


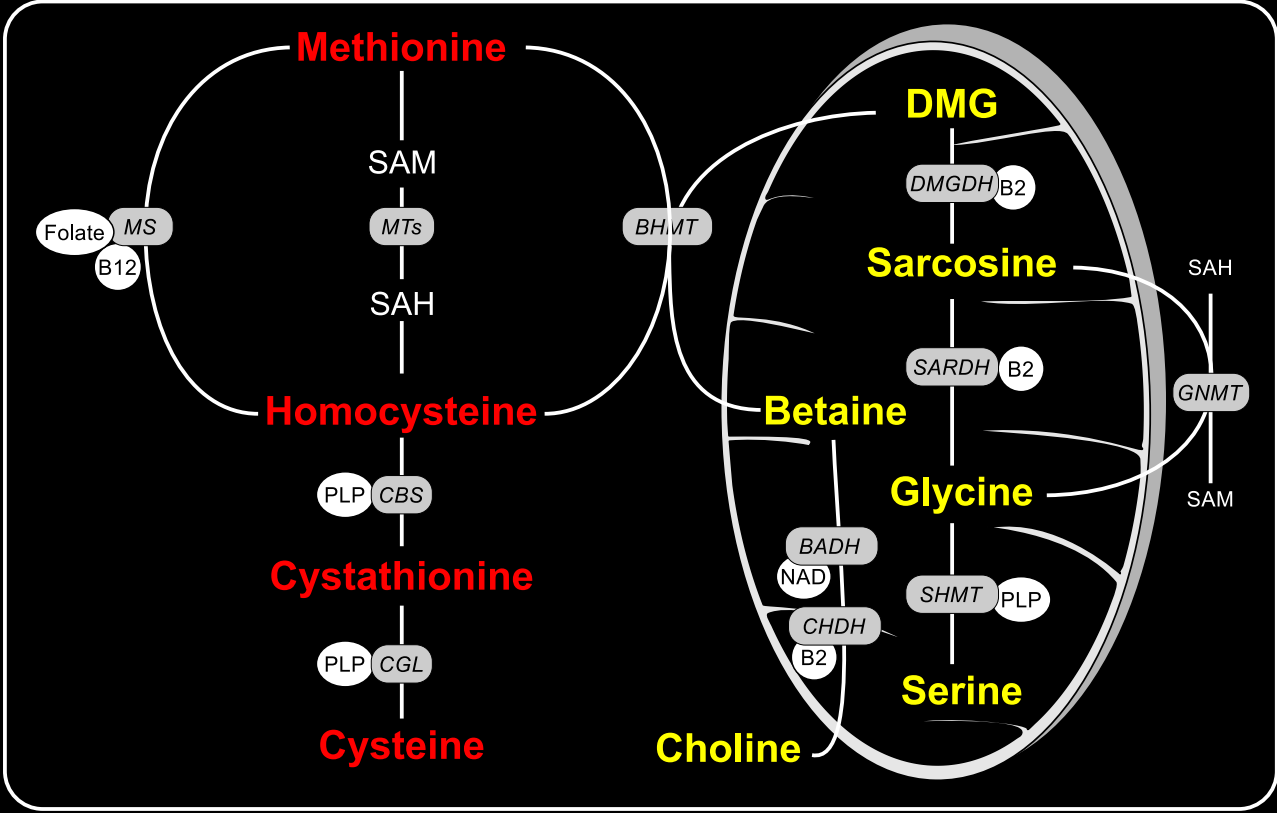
# Dietary composition is associated with one-carbon metabolites and B-vitamin status in patients with stable angina – a cross-sectional study

Vegard Lysne, Anthea Van Parys, Ellisif Nygaard, Thomas Olsen, Elin Strand, Ingvild Marienborg, Johnny Laupsa-Borge, Teresa Haugsgjerd, Adrian McCann, Per Magne Ueland, Jutta Dierkes and Ottar Nygård

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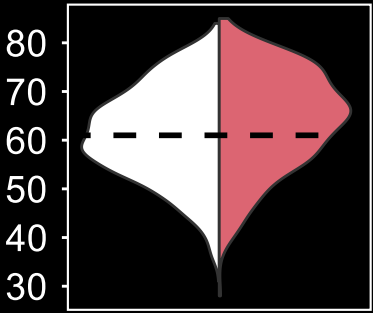
## ONE-CARBON METABOLIC PATHWAYS



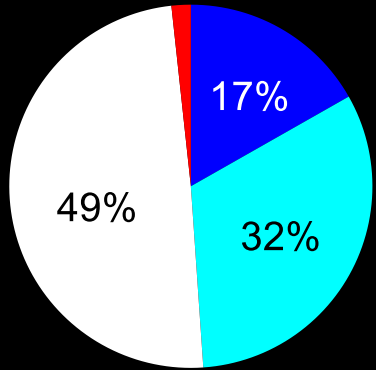
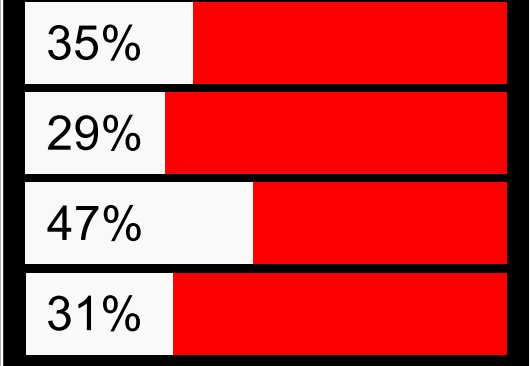
## POPULATION CHARACTERISTICS



M / F  
Years



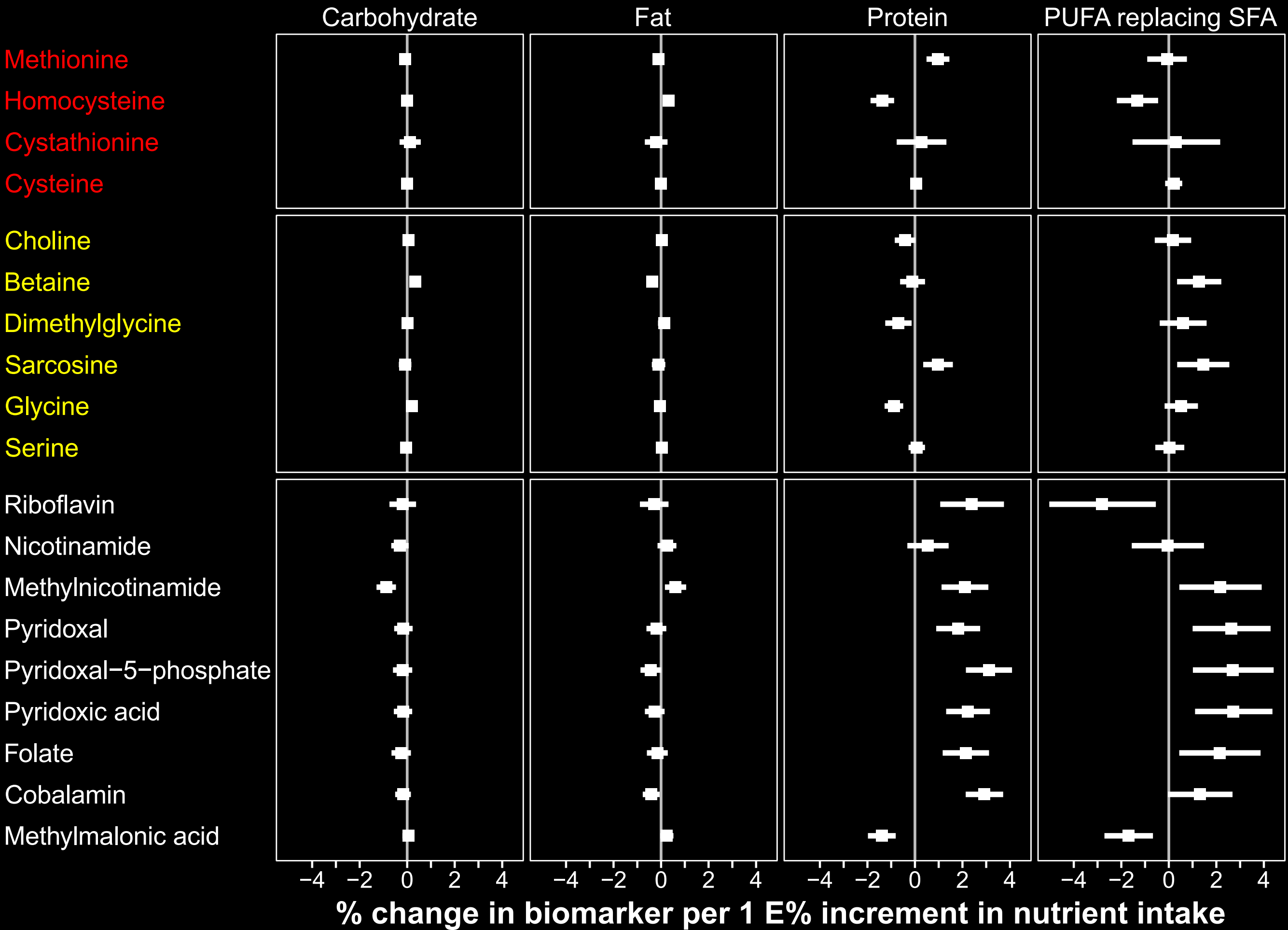
Fasting  
Smoking  
Hypertension  
Diabetes



FFQ data  
■ Carbohydrate  
■ Fat  
■ Protein  
■ Alcohol

## MAIN FINDINGS

- Protein intake, as well as higher PUFA intake replacing SFA, is associated with most biomarkers
- Only weak associations observed with dietary carbohydrate or fat intake



Linear regression model adjusted for age, sex, BMI, smoking, alcohol intake and total energy intake