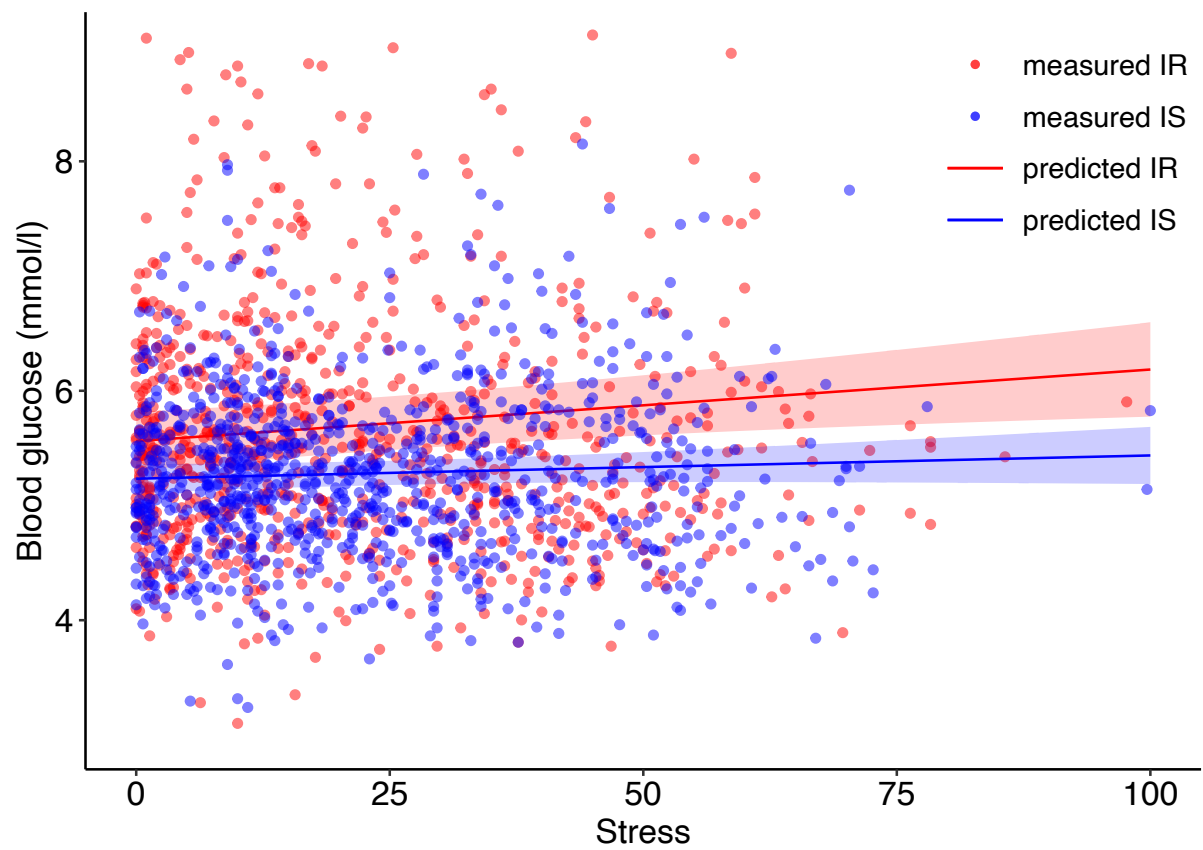




ESM Fig. 1 Results of blood glucose vs. stress for the IS group (blue) and the IR group (red). Circles are the data derived from the ambulatory assessment of blood glucose and stress. Lines are predictions of the LMM. The shaded areas represent the bounds of the 95% CI

ESM Table 1

Summary of the Linear Mixed Models Relating Blood Glucose (in mmol/l) and Stress to Affect.

	IS dataset <i>n</i> = 57			IR dataset <i>n</i> = 50		
Fixed effects						
Predictors	Estimates ($\hat{\beta}$)	<i>SE</i>	<i>p</i>	Estimates ($\hat{\beta}$)	<i>SE</i>	<i>p</i>
(Intercept)	18.58	.85	< .001	19.19	1.01	< .001
Age	1.19×10 ⁻²	1.39×10 ⁻²	.395	-2.98×10 ⁻³	1.67×10 ⁻²	.859
Sex (σ^2 = 1)	6.70×10 ⁻²	.42	.874	-.47	.42	.268
Blood glucose (mmol/l)	.13	.11	.205	.10	8.79×10 ⁻²	.245
Stress level	-7.83×10 ⁻²	5.02×10 ⁻³	< .001	-7.98×10 ⁻²	5.81×10 ⁻³	< .001
Random effects						
τ_{day}	.59			.76		
$\tau_{\text{participant}}$	1.44			1.24		

Note. *SE* = standard error, τ = estimated standard deviation of the random effects across studies,

IS = insulin-sensitive, IR = insulin-resistant.