

ADDITIONAL FILE 6

Additional file 6 LW-1 correlates better with recent rather than long-term cumulative glycemia. Univariate regression models of age- and duration-adjusted LW-1 (biopsy) vs. HbA_{1c} at different sampling times in the DCCT.

HbA _{1c} Sampling Time	Model R ² (%)	P-Value
Initial screening	2.7	0.0149
Mean up to biopsy (~7-10 years)	9.9	<0.0001
Mean over the past 1 year	9.6	<0.0001
Nearest to biopsy	10.1	<0.0001