Exposure	Outcome	OR (95% CI)	p
gestational diabetes	Lewy body dementia	0.93 (0.78 to 1.09)	0.369
Type 2 diabetes	Lewy body dementia	1.00 (0.85 to 1.17)	0.983
gestational diabetes	Alzheimer's disease	0.96 (0.89 to 1.02)	0.201
Type 2 diabetes	Alzheimer's disease	1.03 (0.96 to 1.10)	0.389
gestational diabetes	frontotemporal dementia	1.28 (0.41 to 4.02)	0.673
Type 2 diabetes	frontotemporal dementia	0.89 (0.35 to 2.31)	0.818
gestational diabetes	Illnesses of mother: Alzheimer's disease	1.00 (1.00 to 1.01)	0.655
Type 2 diabetes	Illnesses of mother: Alzheimer's disease	1.00 (0.99 to 1.01)	0.887
gestational diabetes	Illnesses of father: Alzheimer's disease	1.00 (1.00 to 1.00)	0.911
Type 2 diabetes	Illnesses of father: Alzheimer's disease	1.00 (1.00 to 1.00)	0.864

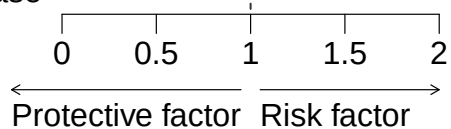

Figure S1: Multivariable Mendelian Randomization (MR) analysis of the association between gestational diabetes, type 2 diabetes, and various dementia subtypes. The figure presents odds ratios (ORs) with 95% confidence intervals (CIs) for each exposure-outcome pair, showing no significant causal associations between gestational diabetes or type 2 diabetes and dementia outcomes (Levy body dementia, Alzheimer's disease, frontotemporal dementia, and family history of Alzheimer's disease). All p-values are above the threshold for statistical significance, suggesting no strong evidence of a direct relationship between the exposures and dementia outcomes. The horizontal lines represent the 95% confidence intervals, and the dashed vertical line at OR = 1.00 indicates no effect.