

Table S1. Association between the dietary total antioxidant capacity and risk of developing diabetes or glycemic biomarkers: method of the database search strategy using PubMed, Scopus, Google Scholar, and ScienceDirect

Database (search conducted up to June 2022)	Search terms ^{a)}	No. of studies searched
PubMed	(((((Dietary antioxidant capacity[Title/Abstract]) OR (Dietary antioxidant index[Title/Abstract])) OR (Dietary antioxidant intake[Title/Abstract])) OR (Dietary total antioxidant[Title/Abstract])) AND (((((((Diabetes[Title/Abstract]) OR (Diabetes Mellitus[Title/Abstract]) OR (Type 2[Title/Abstract]) OR (Glycemic indices[Title/Abstract])) OR (Metabolic indices[Title/Abstract])) OR (insulin resistance[Title/Abstract])) OR (insulin[Title/Abstract])) OR (HOMA-IR[Title/Abstract])) OR (glucose[Title/Abstract])) OR (sugar[Title/Abstract]))))	108
Scopus	(((TITLE-ABS-KEY ("Dietary antioxidant capacity") OR TITLE-ABS-KEY ("Dietary antioxidant index") OR TITLE-ABS-KEY ("Dietary antioxidant intake") OR TITLE-ABS-KEY ("Dietary total antioxidant"))) AND ((TITLE-ABS-KEY ("Diabetes") OR TITLE-ABS-KEY ("Glycemic indices") OR TITLE-ABS-KEY ("Metabolic indices") OR TITLE-ABS-KEY ("insulin resistance") OR TITLE-ABS-KEY ("insulin") OR TITLE-ABS-KEY ("HOMA-IR") OR TITLE-ABS-KEY ("glucose") OR TITLE-ABS-KEY ("sugar")))) AND (LIMIT-TO (SRCTYPE , "j")) AND (LIMIT-TO (LANGUAGE , "English")) AND (LIMIT-TO (DOCTYPE , "ar")))	59
Google Scholar	allintitle: "Dietary antioxidant" OR "Dietary total antioxidant" "Diabetes"	54
	allintitle: "diabetic" "Dietary antioxidant" OR "Dietary total antioxidant"	23
ScienceDirect	Title, abstract, keywords: "Dietary antioxidant" and "diabetes" refined by research articles	20
	Title, abstract, keywords: "Dietary antioxidant" and "diabetic" refined by research articles	7
	Title, abstract, keywords: "Dietary antioxidant" and "Glycemic indices"	1
	Title, abstract, keywords: "Dietary antioxidant" and "Metabolic indices"	0
	Title, abstract, keywords: "Dietary antioxidant" and "insulin resistance" refined by research articles	9
	Title, abstract, keywords: "Dietary antioxidant" and "glucose" refined by research articles	21
	Title, abstract, keywords: "Dietary antioxidant" and "sugar" refined by research articles	6
	Title, abstract, keywords: "Dietary total antioxidant capacity" and diabetes	4
	Title, abstract, keywords: "Dietary total antioxidant capacity" and diabetic	2
Total		314

^{a)}Searches were limited to original articles, and studies published in the English language using the appropriate filters and/or search terms depending on the database.