

Table S1. Search strategies including the key terms and the queries for each database.

Database 8/8/2021	key terms and the queries
PubMed (n=4827)	<p>#1 ("fast foods"[All Fields] OR "fast foods"[MeSH Terms] OR "ultra processed food*"[All Fields] OR "ultraprocessed food*"[All Fields] OR "ultra processed food*"[All Fields] OR "processed food*"[All Fields] OR "ultra-processed"[All Fields] OR "ultraprocessed"[All Fields] OR "ultra-processed"[All Fields] OR "NOVA"[All Fields] OR "nova food classific*"[All Fields] OR "nova food*"[All Fields] OR "nova food classific*"[All Fields] OR "NOVA food classification system"[All Fields])</p> <p>#2 ("Mortality"[MeSH Terms] OR "Mortality"[Title/Abstract] OR "Death"[Title/Abstract] OR "Fatal"[Title/Abstract] OR "survive"[Title/Abstract] OR "survival"[Title/Abstract])</p> <p>#3 #1 AND #2</p>
Web of Science (n=1763)	<p>#1 TOPIC: ("fast foods") OR TOPIC: ("ultra processed food*") OR TOPIC: ("ultraprocessed food*") OR TOPIC: ("ultra processed food*") OR TOPIC: ("processed food*") OR TOPIC: ("ultra-processed") OR TOPIC: ("ultraprocessed") OR TOPIC: ("ultra-processed") OR TOPIC: ("NOVA") OR TOPIC: ("nova food classific*") OR TOPIC: ("nova food*") OR TOPIC: ("nova food classific*") OR TOPIC: ("NOVA food classification system")</p> <p>#2 TOPIC: ("Mortality") OR TOPIC: ("death") OR TOPIC: ("Fatal") OR TOPIC: ("survive") OR TOPIC: ("survival")</p> <p>#3 #1 AND #2</p>
Scopus (n=5547)	<p>#1 (TITLE-ABS-KEY ("ultra-processed food*") OR TITLE-ABS-KEY ("ultraprocessed food*") OR TITLE-ABS-KEY ("ultra processed food*") OR TITLE-ABS-KEY ("processed food*") OR TITLE-ABS-KEY ("ultra processed") OR TITLE-ABS-KEY ("ultraprocessed") OR TITLE-ABS-KEY ("ultra-processed") OR TITLE-ABS-KEY ("NOVA") OR TITLE-ABS-KEY ("NOVA food classific*") OR TITLE-ABS-KEY ("NOVA food*") OR TITLE-ABS-KEY ("NOVA food classific*") OR TITLE-ABS-KEY ("NOVA food classification system") OR TITLE-ABS-KEY ("fast foods"))</p> <p>#2 ((TITLE-ABS-KEY ("Mortality") OR TITLE-ABS-KEY ("Death") OR TITLE-ABS-KEY ("Fatal") OR TITLE-ABS-KEY ("survive") OR TITLE-ABS-KEY ("survival")))</p> <p>#3 #1 AND #2</p>

Table S2. Description of population, intervention, comparator and outcome (PICO).

Population	Adults (≥ 18 years)
Intervention	-
Comparison	Ultra-processed Food Consumption
Outcome	Mortality Risk