

Appendix 3: AMSTAR scores for individual studies included in the umbrella review [posted as supplied by author]

AMSTAR scores for individual studies representing highest form of evidence

Outcome	Assessed with	Author	Year	A priori design provided	Duplicate study selection & data extraction	At least two electronic databases searched	Status of publication used as an inclusion criteria	List of included AND excluded studies provided	Characteristics of included studies provided	Scientific quality of included studies assessed	scientific quality of the included studies used appropriately to form conclusions	Appropriate methods to combine studies	Publication bias assessed	Conflict of interest included	Total AMSTAR Score
1 st Trimester Preterm Birth	HIGH versus LOW	Maslova ⁸⁵	2010	0	0	1	0	0	1	0	0	0	1	1	4
2 nd Trimester Preterm Birth	HIGH versus LOW	Maslova ⁸⁵	2010	0	0	1	0	0	1	0	0	0	1	1	4
3 rd Trimester Preterm Birth	HIGH versus LOW	Maslova ⁸⁵	2010	0	0	1	0	0	1	0	0	0	1	1	4
Acute Leukaemia of Child.	HIGH versus LOW	Thomopoulou ⁸⁹	2015	0	1	0	0	0	1	1	0	1	1	0	5
All Cancer	1 extra cup/day	Yu ³⁸	2011	0	1	1	0	0	1	0	0	1	1	1	6
All-cause Mortality	NLDR	Grosso ²⁸	2016	0	0	1	0	0	1	0	0	1	1	1	5
Alzheimer's Disease	1 extra cup/day	Liu ⁸²	2016	0	1	1	0	0	1	1	0	1	1	0	6
Atrial Fibrillation	1 extra cup/day	Larsson ³²	2015	0	0	1	0	0	1	0	0	1	1	1	5
Birthweight	Coffee versus Control	Jahanfar ⁸⁸	2015	1	1	1	1	1	1	1	0	1	0	1	1
Bladder Cancer	1 extra cup/day	Wu ¹³⁵	2015	0	1	1	0	0	1	1	1	1	1	1	8
Breast Cancer	1 extra cup/day	Li ⁵⁶	2013	0	0	1	0	0	1	0	0	1	1	1	5
Cancer Mortality	NLDR	Grosso ²⁸	2016	0	0	1	0	0	1	0	0	1	1	1	5
Cardiovascular Disease	HIGH versus LOW	Ding ¹⁹	2014	0	0	1	0	0	1	1	1	1	1	1	7
Cardiovascular Malf.	HIGH versus LOW	Browne ⁸⁷	2006	0	0	1	0	0	1	0	0	0	0	0	2
CHD Mortality	NLDR	Grosso ²⁸	2016	0	0	1	0	0	1	0	0	1	1	1	5
Chronic Liver Disease	1 extra cup/day	Bravi ⁴³	2016	0	0	1	0	0	1	1	0	1	1	1	6
Cirrhosis	1 extra cup/day	Kennedy ⁹	2016	1	1	1	0	0	1	1	1	1	1	1	9
Cirrhosis Mortality	1 extra cup/day	Kennedy ⁹	2016	1	1	1	0	0	1	1	1	1	1	1	9
CKD	ANY versus NONE	Wijarnpreec. ⁷¹	2016	0	1	1	0	0	1	1	0	1	1	1	7
Cognitive Decline	1 extra cup/day	Liu ⁸²	2016	0	1	1	0	0	1	1	0	1	1	0	6
Colon Cancer	1 extra cup/day	Gan ²⁰	2017	0	1	1	0	1	1	1	0	1	1	1	8
Colorectal Cancer	1 extra cup/day	Gan ²⁰	2017	0	1	1	0	1	1	1	0	1	1	1	8
Coronary Heart Disease	HIGH versus LOW	Ding ¹⁹	2014	0	0	1	0	0	1	1	1	1	1	1	7
CVD Mortality	NLDR	Grosso ²⁸	2016	0	0	1	0	0	1	0	0	1	1	1	5
Depression	1 extra cup/day	Wang ⁸¹	2016	0	1	1	0	0	1	0	0	1	1	1	6
Diastolic Blood Pressure	Coffee versus Control	Steffen ³⁵	2012	0	0	1	0	0	1	1	0	1	0	1	5
Endometrial Cancer	1 extra cup/day	Wang ³⁹	2016	0	1	1	0	0	1	0	0	1	0	1	5
Endometriosis	ANY versus NONE	Chiaffarino ⁸³	2014	0	0	1	0	0	1	0	0	1	1	0	4
Fracture	1 extra cup/day	Liu ⁷³	2012	0	0	1	0	0	1	1	0	1	1	1	6
Gallstones	1 extra cup/day	Zhang ²⁵	2015	0	1	1	0	0	1	1	1	1	1	1	8
Gastric Cancer	1 extra cup/day	Zeng ²¹	2015	0	1	1	0	0	1	1	1	1	1	1	8

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Glioma	1 extra cup/day	Malerba ⁶¹	2012	0	0	1	0	0	1	0	0	1	1	1	5
GORD	HIGH versus LOW	Kim ⁶⁶	2013	0	0	1	0	0	1	1	1	1	1	0	6
Gout	HIGH versus LOW	Park ⁶⁹	2016	0	1	1	0	0	1	1	1	1	0	0	6
HDL-Cholesterol	Coffee versus Control	Cai ³⁶	2012	0	0	1	0	0	1	0	0	1	1	1	5
Heart Failure	HIGH versus LOW	Mostofsky ²⁴	2012	0	0	1	0	0	1	0	0	1	1	1	5
Hip Fracture	1 extra cup/day	Li ⁷⁵	2013	0	0	1	0	0	1	0	0	0	1	1	4
Hypertension	HIGH versus LOW	Zhang ³⁴	2011	0	0	1	0	0	1	0	0	1	1	1	5
Laryngeal Cancer	HIGH versus LOW	Ouyang ⁵⁹	2014	0	1	1	0	0	1	0	0	1	1	1	6
LDL-Cholesterol	Coffee versus Control	Cai ³⁶	2012	0	0	1	0	0	1	0	0	1	1	1	5
Leukaemia	HIGH versus LOW	Yu ³⁸	2011	0	1	1	0	0	1	0	0	0	1	1	5
Liver Cancer	1 extra cup/day	Bravi ⁴³	2016	0	0	1	0	0	1	1	0	1	1	1	6
Liver Fibrosis	ANY versus NONE	Liu ⁶³	2015	0	0	1	0	0	1	1	1	1	1	1	7
Low Birth Weight	1 extra cup/day	Chen ¹³⁴	2014	0	1	1	0	0	1	1	0	1	1	1	7
Lung Cancer	1 extra cup/day	Galarraga ⁴⁷	2016	0	0	1	0	0	1	0	0	1	1	1	5
Lymphoma	HIGH versus LOW	Wang ³⁹	2016	0	1	1	0	0	1	0	0	1	0	1	5
Melanoma	1 extra cup/day	Wang ⁴⁵	2015	0	1	1	0	0	1	1	1	1	1	1	8
Metabolic Syndrome	HIGH versus LOW	Shang ²⁶	2015	0	1	1	0	0	1	0	0	1	1	1	6
NAFLD	ANY versus NONE	Wijarnpreec. ⁶²	2017	0	1	1	0	0	1	1	0	1	1	1	7
Neural Tube Defects	ANY versus NONE	Li ⁸⁶	2015	0	1	1	0	0	1	1	0	1	1	1	7
Non-melanoma skin cancer	HIGH versus LOW	Caini ⁴²	2017	0	0	1	0	0	1	0	0	1	1	1	5
Oesophageal Cancer	1 extra cup/day	Zheng ⁵⁸	2013	0	0	1	0	0	1	0	0	0	1	1	4
Oral Cancer	HIGH versus LOW	Wang ³⁹	2016	0	1	1	0	0	1	0	0	1	0	1	5
Oral Cleft Malformations	HIGH versus LOW	Browne ⁸⁷	2006	0	0	1	0	0	1	0	0	0	0	0	2
Ovarian Cancer	1 extra cup/day	Braem ⁵³	2012	0	0	1	0	0	1	0	0	1	1	1	5
Pancreatic Cancer	1 extra cup/day	Ran ¹³⁶	2016	0	0	1	0	0	1	0	0	0	1	1	4
Parkinson's Disease	1 extra cup/day	Hernan ⁷⁸	2002	0	1	0	0	0	1	0	0	1	1	0	4
Post MI Mortality	HIGH versus LOW	Brown ³⁰	2016	0	0	1	0	0	1	0	0	1	0	1	4
Pregnancy Loss	1 extra cup/day	Li ²³	2015	0	1	0	0	0	1	0	0	1	1	1	5
Preterm-birth	Coffee versus Control	Jahanfar ⁸⁸	2015	1	1	1	1	1	1	1	0	1	0	1	1
Prostate Cancer	1 extra cup/day	Wang ³⁹	2016	0	1	1	0	0	1	0	0	1	0	1	5
Rectal Cancer	1 extra cup/day	Gan ²⁰	2017	0	1	1	0	1	1	1	0	1	1	1	8
Renal Cancer	1 extra cup/day	Huang ¹³⁷	2014	0	1	1	0	0	1	0	0	0	0	1	4
Renal Stones	1 extra cup/day	Wang ⁶⁸	2014	0	0	1	0	0	1	0	0	1	1	1	5
Rheumatoid Arthritis	HIGH versus LOW	Lee ^{76,77}	2015	0	0	1	0	0	1	0	0	1	1	1	5
Small for gestational age	Coffee versus Control	Jahanfar ⁸⁸	2015	1	1	1	1	1	1	1	0	1	0	1	1
Stroke	HIGH versus LOW	Ding ¹⁹	2014	0	0	1	0	0	1	1	1	1	1	1	7

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Stroke Mortality	NLDR	Grosso ²⁸	2016	0	0	1	0	0	1	0	0	1	1	1	5
Systolic Blood Pressure	Coffee versus Control	Steffen ³⁵	2012	0	0	1	0	0	1	1	0	1	0	1	5
Thyroid Cancer	HIGH versus LOW	Han ⁵⁴	2016	0	1	1	0	0	1	0	0	1	0	1	5
Total Cholesterol	Coffee versus Control	Cai ³⁶	2012	0	0	1	0	0	1	0	0	1	1	1	5
Triglyceride	Coffee versus Control	Cai ³⁶	2012	0	0	1	0	0	1	0	0	1	1	1	5
Type II diabetes	1 extra cup/day	Jiang ⁶⁷	2014	0	1	1	0	0	1	1	1	1	1	1	8
Urinary Incontinence	ANY versus NONE	Sun ⁷⁰	2016	0	1	1	0	0	1	0	0	1	1	1	6
Urinary Tract Cancer	ANY versus NONE	Zeegers ⁴⁹	2001	0	0	1	0	0	1	1	1	1	1	0	6
Venous Thromboembolism	HIGH versus LOW	Lippi ³³	2015	0	0	1	0	0	1	0	0	0	0	1	3

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Mortality	Cardiovascular	Cancer	Metabolic	Liver & GI	Renal	Pregnancy	Musculoskeletal	Neurological	Gynaecological
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