

## Appendix 1

### Search strategy

Databases—PubMed, Embase, Web of Science Strategy, and Cochrane Library Limits: publications until November 3, 2022.

#### (I) PubMed

((((((((((((((((((((((Stomach Neoplasms[MeSH Terms])) OR (Neoplasm, Stomach[Title/Abstract])) OR (Stomach Neoplasm[Title/Abstract])) OR (Neoplasms, Stomach[Title/Abstract])) OR (Gastric Neoplasms[Title/Abstract])) OR (Gastric Neoplasm[Title/Abstract])) OR (Neoplasm, Gastric[Title/Abstract])) OR (Neoplasms, Gastric[Title/Abstract])) OR (Cancer of Stomach[Title/Abstract])) OR (Stomach Cancers[Title/Abstract])) OR (Gastric Cancer[Title/Abstract])) OR (Cancer, Gastric[Title/Abstract])) OR (Cancers, Gastric[Title/Abstract])) OR (Gastric Cancers[Title/Abstract])) OR (Stomach Cancer[Title/Abstract])) OR (Cancer, Stomach[Title/Abstract])) OR (Cancers, Stomach[Title/Abstract])) OR (Cancer of the Stomach[Title/Abstract])) OR (Gastric Cancer, Familial Diffuse[Title/Abstract])) AND (((((red blood cell distribution width[Title/Abstract]) OR (RCDW[Title/Abstract])) OR (RDW[Title/Abstract])) OR (RDW-CV[Title/Abstract])) OR (RDW-SD[Title/Abstract])) OR (red cell distribution width[Title/Abstract]))

#### (II) Embase

#1: 'stomach cancer'/exp OR (cancer AND of AND the AND cardia) OR (cancer AND of AND the AND gastric AND antrum) OR (cancer AND of AND the AND gastric AND body) OR (cancer AND of AND the AND gastric AND cardia) OR (cancer AND of AND the AND gastric AND fundus) OR (cancer, AND stomach) OR (cardia AND cancer) OR (gastric AND antral AND cancer) OR (gastric AND antrum AND cancer) OR (gastric AND body AND cancer) OR (gastric AND cancer) OR (gastric AND cardia AND cancer) OR (gastric AND cardiac AND cancer) OR (gastric AND malignancies) OR (gastric AND malignancy) OR (malignancies AND of AND the AND stomach) OR (malignancy AND of AND the AND stomach) OR (malignant AND gastric AND neoplasm) OR (malignant AND gastric AND tumor) OR (malignant AND neoplasm AND of AND the AND stomach) OR (malignant AND neoplasms AND of AND the AND stomach) OR (malignant AND tumor AND of AND the AND stomach) OR (malignant AND tumors AND of AND the AND stomach) OR (malignant AND tumour AND of AND the AND stomach) OR (malignant AND tumours AND of AND the AND stomach) OR (pyloric AND cancer) OR (stomach AND malignancies) OR (stomach AND malignancy)

#2: red AND blood AND cell AND distribution AND width OR (red AND cell AND distribution AND width) OR redw OR rdw OR 'rdw cv' OR 'rdw sd'

#3: #1 AND #2

#### (III) Web of Science

TS = (Stomach Neoplasms OR Neoplasm, Stomach OR Stomach Neoplasm OR Neoplasms, Stomach OR Gastric Neoplasms OR Gastric Neoplasm OR Neoplasm, Gastric OR Neoplasms, Gastric OR Cancer of Stomach OR Stomach Cancers OR Gastric Cancer OR Cancer, Gastric OR Cancers, Gastric OR Gastric Cancers OR Stomach Cancer OR Cancer, Stomach OR Cancers, Stomach OR Cancer of the Stomach OR Gastric Cancer, Familial Diffuse) and TS = (red blood cell distribution width OR RCDW OR RDW OR RDW-CV OR RDW-SD OR red cell distribution width)

#### (IV) Cochrane Library

((Cancer, Gastric) OR (Cancers, Stomach) OR (Gastric Cancers) OR (Cancers, Gastric) OR (Stomach Cancer) OR (Cancer of the Stomach) OR (Gastric Cancer) OR (Neoplasm, Gastric) OR (Stomach Neoplasm) OR (Neoplasms, Stomach) OR (Gastric Neoplasms) OR (Neoplasm, Stomach) OR (Neoplasms, Gastric) OR (Gastric Neoplasm) OR (Stomach Neoplasms) OR (Gastric Cancer, Familial Diffuse) OR (Stomach Cancers) OR (Cancer of Stomach) OR (Cancer, Stomach)) AND ((red blood cell distribution width) OR (red cell distribution width) OR (RCDW) OR (RDW) OR (RDW-CV) OR (RDW-SD))