**TABLE S1. Search strategies used on PubMed**

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| **Search** | **Query** | **Results** |
| #17 | (((“menstrual cycle length” OR “cycle length”) AND (“Cannabis”[MeSH] OR cannabis OR marijuana)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 2 |
| #16 | (((“menstrual cycle length” OR “cycle length”) AND (“Smoking”[MeSH] OR smoking)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 10 |
| #15 | (((“menstrual cycle length” OR “cycle length”) AND (“Alcoholic Beverages”[MeSH] OR “alcoholic beverages” OR alcohol OR “alcohol intake” OR “alcohol consumption”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 9 |
| #14 | (((“menstrual cycle length” OR “cycle length”) AND (“Dietary Fats”[MeSH] OR “dietary fats” OR “Dietary Fiber”[MeSH] OR “dietary fiber” OR “Dietary Sugars”[MeSH] OR “dietary sugars”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 1 |
| #13 | (((“menstrual cycle length” OR “cycle length”) AND (“Exercise”[MeSH] OR exercise)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 27 |
| #12 | (((“menstrual cycle length” OR “cycle length”) AND (“Shift Work Schedule”[MeSH] OR “shift work” OR “night shift” OR “rotating shift”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND (2016:2021[pdat]) | 3 |
| #11 | (((“menstrual cycle length” OR “cycle length”) AND (“Stress, Psychological”[MeSH] OR “psychological stress” OR stress)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND (2016:2021[pdat]) | 21 |
| #10 | (((“menstrual cycle length” OR “cycle length”) AND (“Endocrine Disruptors”[MeSH] OR “endocrine disruptors” OR “endocrine disrupting chemicals” OR EDC OR “perfluoroalkyl substances” OR PFAS OR organo\* OR “Phytoestrogens”[MeSH] OR phytoestrogens)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND (2016:2021[pdat]) | 14 |
| #9 | (((“menstrual cycle length” OR “cycle length”) AND (“Air Pollution”[MeSH] OR “Air Pollutants”[MeSH] OR “air pollution” OR “air pollutants”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 5 |
| #8 | (((“menstrual cycle length” OR “cycle length”) AND (“Parity”[MeSH] OR parity)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 11 |
| #7 | (((“menstrual cycle length” OR “cycle length”) AND (“Menarche”[MeSH] OR “age at menarche”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 19 |
| #6 | (((“menstrual cycle length” OR “cycle length”) AND (“Genetics”[MeSH] OR genetics OR “Polymorphism, Genetic”[MeSH] OR “genetic polymorphism”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 41 |
| #5 | (((“menstrual cycle length” OR “cycle length”) AND (“Ovarian Follicle”[MeSH] OR “antral follicle” OR “antral follicle count” OR AFC)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 8 |
| #4 | (((“menstrual cycle length” OR “cycle length”) AND (“Ovarian Reserve”[MeSH] OR “ovarian reserve”)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 5 |
| #3 | (((“menstrual cycle length” OR “cycle length”) AND (“Anti-Mullerian Hormone”[MeSH] OR “anti-mullerian hormone” OR “antimullerian hormone” OR AMH)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND (2016:2021[pdat]) | 14 |
| #2 | (((“menstrual cycle length” OR “cycle length”) AND age) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND ((humans[Filter]) AND (2016:2021[pdat])) | 146 |
| #1 | (((“menstrual cycle length” OR “cycle length”) AND (“Body Mass Index”[MeSH] OR BMI OR “Body Weight”[MeSH] OR weight)) NOT (“Polycystic Ovary Syndrome”[MeSH] OR “polycystic ovarian syndrome” OR PCOS)) AND (2016:2021[pdat]) | 60 |