**DJ Yuhn**

**Lab Assignment 1**

**9/10/18**

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| **Abstract #** | **Title** | **Word Count** | **Verified Word Count (Verified by WordNet)** | **Medical Word Count**  **(Verified by Bioportal / BioNLP)**  **All (Gene/Species/etc)** |
| 1 | Understanding the role of adjunctive nonpharmacological therapies in management of the multiple pathways to depression. | 199 | 93 | 9 |
| 2 | Optimizing the management of depression: primary care experience. | 124 | 54 | 3 |
| 3 | A lifetime approach to major depressive disorder: The contributions of psychological interventions in preventing relapse and recurrence. | 269 | 134 | 11 |
| 4 | Emerging treatment mechanisms for depression: focus on glutamate and synaptic plasticity. | 92 | 50 | 8 |
| 5 | Depression During Pregnancy and Postpartum. | 134 | 62 | 14 |
| 6 | Computerised cognitive behaviour therapy (cCBT) as treatment for depression in primary care (REEACT trial): large scale pragmatic randomised controlled trial. | 20 | 11 | 8 |
| 7 | Management of Treatment-Resistant Depression in Children and Adolescents | 129 | 59 | 13 |
| 8 | European COMPARative Effectiveness research on blended Depression treatment versus treatment-as-usual (E-COMPARED): study protocol for a randomized controlled, non-inferiority trial in eight European countries | 82 | 49 | 14 |
| 9 | Treatment of Adult Depression in the United States | 34 | 16 | 3 |
| 10 | Screening for Depression in Adults US Preventive Services Task Force Recommendation Statement | 17 | 5 | 7 |

Abstract 1

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 70 | Disorder, MDD, lifetime, prevalence, cause, disability |
| POS: Verb | 24 | Is, leading, associated |
| Triplet | 1354237 | [(disorder,is disorder with,lifetime prevalence of 16.2 %,1.0), (Major depressive disorder,is,disorder,1.0), (common disorder,is with,lifetime prevalence of 16.2 %,1.0), (Major disorder,is disorder with,lifetime prevalence of 16.2 %,1.0), (Major depressive disorder,is disorder with,lifetime prevalence of 16.2 %,1.0) |
| Medical Words: Disease | 7 | Major depressive disorder, MDD, hypothalamic-pituitary-adrenocortical axis |
| Medical Words: Species | 2 | Patient, patients |
|  |  |  |

Abstract 2

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| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 49 | Article, challenges, family |
| POS: Verb | 14 | Is, intended, identify, faced |
| Triplet | 2241 | [(article,is,intended,1.0), (MDD,provide,practical solutions,1.0), (MDD,provide,solutions,1.0)][(article,is,intended,1.0), (MDD,provide,practical solutions,1.0), (MDD,provide,solutions,1.0)][(article,is,intended,1.0), |
| Medical Words: Disease | 2 | MDD, depressive |
| Medical Words: Species | 1 | patient |

Abstract 3

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 89 | Disorder, MDD, course, prevention, recurrence |
| POS: Verb | 42 | Disabling, runs, suffer, provides |
| Triplet |  | [(disorder,runs,recurrent course,1.0), (depressive disorder,typically runs,recurrent course,1.0), (Major depressive disorder,typically runs,recurrent course,1.0), |
| Medical Words: Disease | 6 | Major depressive disorder, MDD, mindfulness based cognitive therapy |
| Medical Words: Species | 5 | Patients, people |

Abstract 4

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 26 | Depression, illness, effects, people |
| POS: Verb | 13 | Are, have, been, directed |
| Triplet | 34905 | [(depression,is,chronic,1.0), (Major depression,are limited by,low rates of efficacy,0.48124631575347154), (depression,are limited by,low rates of efficacy,0.48124631575347154)] |
| Medical Words: Disease | 3 | Major depression, behavioral and neuronal deficits, depression |
| Medical Words: Species | 1 | People |
| Medical Words: Chemical | 4 | Glutamate, glutamate NMDA, ketamine |

Abstract 5

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 49 | Depression, complication, pregnancy, period |
| POS: Verb | 18 | Confer, have, be, |
| Triplet | 18432 | [(Depression,is complication of,pregnancy,1.0), (Depression,is,complication,1.0), (Depression,is common complication of,pregnancy,1.0), (Depression,is,common complication,1.0), |
| Medical Words: Disease | 12 | Depression, mood disorders, maternal depression, preterm birth |
| Medical Words: Species | 1 | Infant |
| Medical Words: Chemical | 1 | Paroxetine |

Abstract 6

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 7 | Behavior, therapy, adjunct, care, depression |
| POS: Verb | 2 | Support, be, associate |
| Triplet | 134 | [(adults,is with,depression,1.0), (adjunct,as therapy is,cCBT,1.0)][(adults,is with,depression,1.0), (adjunct,as therapy is,cCBT,1.0)] |
| Medical Words: Species | 6 | Patient, participants |
| Medical Words: Chemical | 2 | CORE-OM, telephone |

Abstract 7

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 47 | Depression, diagnosis, child, adolescent |
| POS: Verb | 16 | Examining, considering |
| Triplet | 44324 | [(Depression,is,relatively common diagnosis,1.0), (Depression,is common diagnosis in,children,1.0), (Depression,is associated with,morbidity in population,1.0), |
| Medical Words: Disease | 8 | Depression, acute illness, psychosocial stressors |
| Medical Words: Species | 4 | Children, |
| Medical Words: Chemical | 1 | serotonin |

Abstract 8

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 23 | Depression, treatment, importance, strategy |
| POS: Verb | 9 | Considering, be, considered, |
| Triplet | 803844 | [(high importance,considering,burden,1.0), (high importance,considering,large burden,1.0), (importance,considering,large burden,1.0), |
| Medical Words: Disease | 10 | Depression, major depressive disorder, MDD |
| Medical Words: Species | 3 | Patient, participants |
| Medical Words: Chemical | 1 | ISRCTN12388725 |

Abstract 9

|  |  |  |
| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 13 | Antidepressants, United, States, concerns |
| POS: Verb | 7 | Increase, persist, receive |
| Triplet | 792 | [(antidepressants,is in,United States,1.0), (treatment,many adults with,depression,0.48191981644501936), (treatment,adults with,depression,0.48191981644501936), (many adults,is with,depression,1.0) |
| Medical Words: Species | 3 | Participants, patient |
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Abstract 10

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| --- | --- | --- |
| Type | Count | Examples |
| POS : Noun | 11 | Update, US, Preventative, Services, Task |
| POS: Verb | 0 |  |
| Triplet | 684 | [(Update,recommendation for,depression in adults,1.0), (depression,is in,adults,1.0), (Update,recommendation on,screening,1.0), |
| Medical Words: Disease | 5 | disease |
| Medical Words: Species | 2 | women |