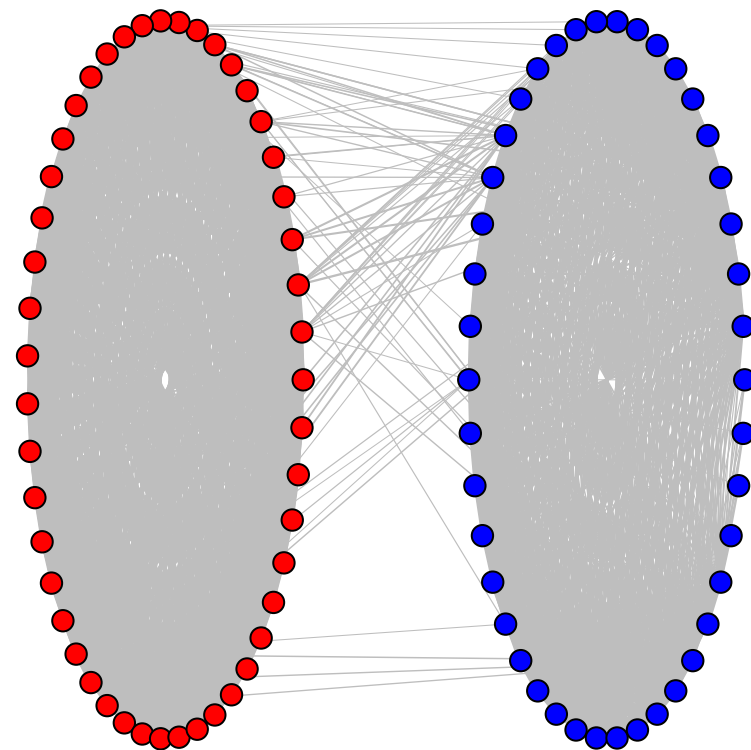**Mental Disorders**   **Cancers**

Two disorders are regarded as connected with a Z-score > 5.0. Under this cutoff we observed dense and strong connections inside each groups, and weak connections between the two groups. However, this network indicated that some mental disorders, such as *Unipolar Depression*, are connected to multiple cancers; whereas some cancers, such as *Pancreatic Neoplasm*, are connected to multiple mental disorders.