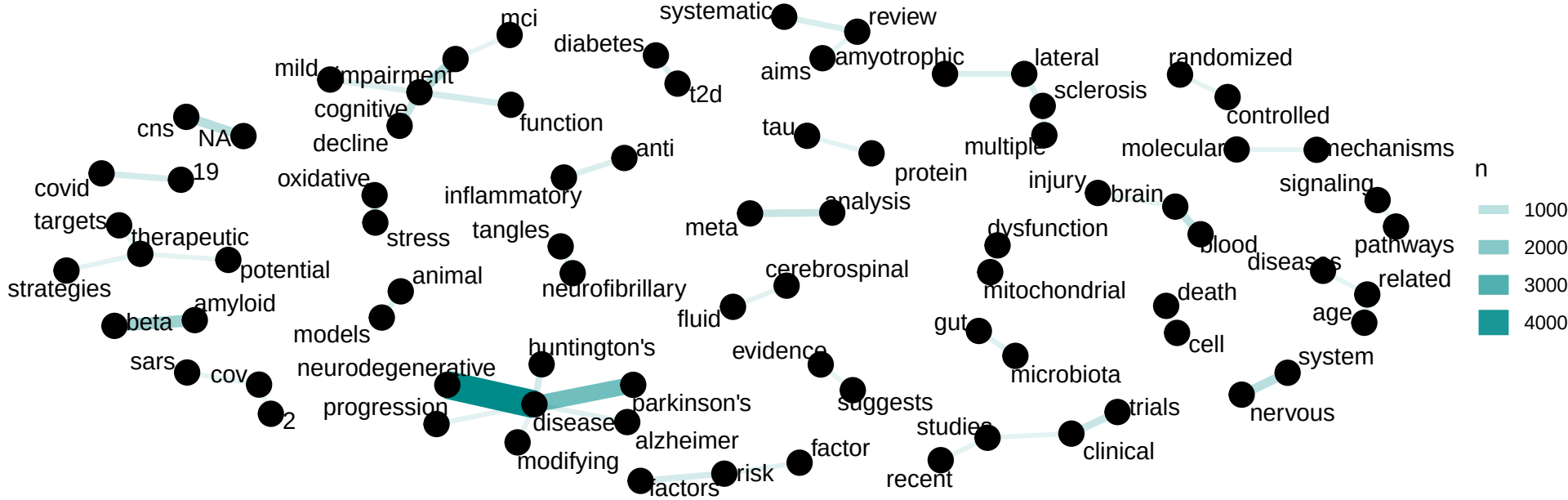Bigram Relations