>> A = [9752697 1; 7487285 1; 10428153 1; 11618969 1; 13256028 1; 13701419 1; 17202996 1; 20522621 1; 19275948 1; 23017081 1; 26431124 1; 27347977 1; 28510852 1; 31324528 1; 31782832 1; 34910098 1; 36837900 1; 36244632 1; 25352213 1; 32410034 1; 39488401 1];

>> B = [7177000; 5203000; 7636000; 10450000; 12420000; 13854000; 17076000; 20322000; 18593000; 20942000; 25415000; 25064000; 24930000; 28116000; 29007000; 32309000; 34306000; 31465000; 22107000; 26284000; 29513000];

>> M = inv(A' \* A);

>> N = A' \* B;

>> X = M \* N

X =

8.6148e-01

6.7217e+05