Bangwei Zhou (bz2280)

Professor Paisley

ELEN $4720~\mathrm{HW}4$

 $6~\mathrm{May}~2020$

1. Solution to Problem 1

t_10000	t_1000	t_100	t_10	
(LSU, 0.09136604712297448)	(LSU, 0.08441877504803548)	(LSU, 0.04364232313177094)	(NorthCentral, 0.012811767852460866)	0
(Clemson, 0.04926187613634674)	(Clemson, 0.04552711559660832)	(Wheaton, 0.025821920667911235)	(LSU, 0.012577990806785502)	1
(OhioState, 0.04700926622493663)	(OhioState, 0.04345179930190864)	(NorthCentral, 0.024441760152520895)	(Morningside, 0.011511484786453766)	2
(Georgia, 0.03538167825057392)	(Georgia, 0.03271952980965489)	(Clemson, 0.02370440421016096)	(Wheaton, 0.011088272722516578)	3
(Alabama, 0.026695336839191012)	(Alabama, 0.02467858477602385)	(OhioState, 0.022687728222489784)	(MinnSt-Mankato, 0.009632960447434464)	4
(Florida, 0.02562429247736426)	(Florida, 0.02369629109833148)	(Morningside, 0.022621153936365095)	(Muhlenberg, 0.009507044960042477)	5
(Oregon, 0.02077912941947386)	(Oregon, 0.019265508881883525)	(Georgia, 0.01716489849355654)	(OhioState, 0.00924059308427411)	6
(Auburn, 0.020582092345403927)	(Auburn, 0.019036871697742357)	(StJohnsMN, 0.014990097339229956)	(UW-Whitewater, 0.009165130709944303)	7
(Oklahoma, 0.020201641742271653)	(Oklahoma, 0.018703418705854083)	(WestFlorida, 0.01336723941246717)	(NorthDakotaSt, 0.009137454648190081)	8
(PennState, 0.01942877308356717)	(PennState, 0.017974044767656055)	(Alabama, 0.012917325410917094)	(Clemson, 0.008940922174482424)	9
(Wisconsin, 0.016391976713943292)	(Wisconsin, 0.015164942292085717)	(UW-Whitewater, 0.012836111009245208)	(WestFlorida, 0.008784601054926521)	10
(NotreDame, 0.01582027362072581)	(NotreDame, 0.014647394893991705)	(Florida, 0.012439731429524025)	(MarianIN, 0.008515273738045224)	11
(Minnesota, 0.015347274013363848)	(Minnesota, 0.014200946891226876)	(Muhlenberg, 0.011238356823187396)	(StJohnsMN, 0.008487694676311256)	12
(Baylor, 0.01371642032166987)	(Baylor, 0.012703630935424098)	(Oregon, 0.010530153820536372)	(MountUnion, 0.007652927443343398)	13
(Michigan, 0.013023117638153447)	(Michigan, 0.01204519422429918)	(Auburn, 0.010020906678496859)	(FerrisSt, 0.007121628682655154)	14
(Utah, 0.012616726611933204)	(Utah, 0.011702530075842113)	(Oklahoma, 0.01001186871387198)	(GrandView, 0.0071139827988428)	15
(Memphis, 0.01258985182657118)	(Memphis, 0.011663113807652337)	(MinnSt-Mankato, 0.009751799868407972)	(Georgia, 0.007012965844168992)	16
(lowa, 0.011893857088960704)	(lowa, 0.01100608242403478)	(MarianIN, 0.009582594797685003)	(MaryHardin-Baylor, 0.006777611776414179)	17
(AppalachianSt, 0.011792334371098173)	(AppalachianSt, 0.010923410310336586)	(PennState, 0.00953382196093415)	(Lenoir-Rhyne, 0.006162838698118535)	18
(Texas, 0.011003103867877857)	(Texas, 0.010186949010360635)	(ValdostaSt, 0.008894226807534522)	(SlipperyRock, 0.006088003174674026)	19
(Navy, 0.009785416171595314)	(NorthDakotaSt, 0.009224407312785142)	(Lenoir-Rhyne, 0.008070141045950463)	(Oregon, 0.005899844347560555)	20
(NorthDakotaSt, 0.009716575910447965)	(Navy, 0.009071022880704388)	(Wisconsin, 0.00801890165665059)	(DelawareValley, 0.005839792628737581)	21
(TexasA&M, 0.009657875659429887)	(TexasA&M, 0.008933178700911149)	(NotreDame, 0.007865644214156817)	(JamesMadison, 0.005665982985978351)	22
(BoiseSt, 0.008943486095946805)	(BoiseSt, 0.008305811202620549)	(Minnesota, 0.007531513746172203)	(ValdostaSt, 0.005543536206838738)	23
(KansasSt, 0.007915602342518641)	(KansasSt, 0.007334202627215997)	(GrandView, 0.007521041139582097)	(Florida, 0.005436735782310833)	24





