

P7 - Sanity Checks							
Date	Pageviews(Cont)	Clicks(Cont)	Pageviews(Exp)	Clicks(Exp)			
Sat, Oct 11	7,723	687	7,716	686			
Sun, Oct 12	9,102	779	9,288	785			
Mon, Oct 13	10,511	909	10,480	884			
Tue, Oct 14	9,871	836	9,867	827			
Wed, Oct 15	10,014	837	9,793	832			
Thu, Oct 16	9,670	823	9,500	788			
Fri, Oct 17	9,008	748	9,088	780			
Sat, Oct 18	7,434	632	7,664	652			
Sun, Oct 19	8,459	691	8,434	697			
Mon, Oct 20	10,667	861	10,496	860			
Tue, Oct 21	10,660	867	10,551	864			
Wed, Oct 22	9,947	838	9,737	801			
Thu, Oct 23	8,324	665	8,176	642			
Fri, Oct 24	9,434	673	9,402	697			
Sat, Oct 25	8,687	691	8,669	669			
Sun, Oct 26	8,896	708	8,881	693			
Mon, Oct 27	9,535	759	9,655	771			
Tue, Oct 28	9,363	736	9,396	736			
Wed, Oct 29	9,327	739	9,262	727			
Thu, Oct 30	9,345	734	9,308	728			
Fri, Oct 31	8,890	706	8,715	722			
Sat, Nov 1	8,460	681	8,448	695			
Sun, Nov 2	8,836	693	8,836	724			
Mon, Nov 3	9,437	788	9,359	789			
Tue, Nov 4	9,420	781	9,427	743			
Wed, Nov 5	9,570	805	9,633	808			
Thu, Nov 6	9,921	830	9,842	831			
Fri, Nov 7	9,424	781	9,272	767			

Sat, Nov 8	9,010	756	8,969	760			
Sun, Nov 9	9,656	825	9,697	850			
Mon, Nov 10	10,419	874	10,445	851			
Tue, Nov 11	9,880	830	9,931	831			
Wed, Nov 12	10,134	801	10,042	802			
Thu, Nov 13	9,717	814	9,721	829			
Fri, Nov 14	9,192	735	9,304	770			
Sat, Nov 15	8,630	743	8,668	724			
Sun, Nov 16	8,970	722	8,988	710			
Total	345,543	28,378	344,660	28,325			
Udacity-provided samples data is highlighted in grey							
To sanity check, the data, I measured the pooled standard error (at 95%CI)							
Pooled SD	SQRT(P*(1-P)/N)						
SE	PooledSD * Z (95%CI)						
I then confirmed the control sample size (PVs and Clicks) ratios were within the lower/upper bounds of the standard error.							
	SD	SE	Mean	LowerBound	UpperBound	Actual Proportion	
PVs	0.0006	0.0012	0.5	0.4988	0.5012	0.5006	
Clicks	0.0021	0.0041	0.5	0.4959	0.5041	0.5005	