

# testing R Markdown

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## Say Hello to markdown

Markdown is an **easy to use** format for writing reports. It resembles what you naturally write every time you compose an email. In fact, you may have already used markdown *without realizing it*. These websites all rely on markdown formatting. In case word is not working use `tinytex::install_tinytex()` before to start.

- Github
- StackOverflow
- Reddit

eval = TRUE evaluate the script

echo = FALSE means only the result shown

message = FALSE remove the messages from the report

warnings = FALSE remove the warning messages

Here's some code

```
a <- 5
b <- 3
c <- a+b

c
```

```
## [1] 8
```

```
a <- 5
b <- 3
c <- a+b

c
```

```
library(ggplot2)

getwd()
```

```
## [1] "C:/Users/baldo/Desktop"
```

```
file<-".././../AAAAA/bily_kriz_3km_n.annout" # .././ is the code for search the file one or two or mo
a<-read.table(file,header=T)
print(a)
```

##	year	totalc	vegc	abgc	LDaboveC_w	annmax_leafc	annmax_frootc
## 1	1981	67.17195	3.510357	0.122953	2.292603	0	0
## 2	1982	67.43782	1.543682	0.121753	1.036032	0	0
## 3	1983	66.79019	0.924937	0.120756	0.596600	0	0
## 4	1984	66.43132	0.802919	0.120571	0.410956	0	0
## 5	1985	66.30160	0.931642	0.120697	0.373125	0	0
## 6	1986	66.45649	1.322747	0.121018	0.444266	0	0
## 7	1987	66.66320	1.692549	0.121458	0.567221	0	0
## 8	1988	66.88208	2.035827	0.121926	0.703806	0	0
## 9	1989	67.23464	2.489167	0.122345	0.873068	0	0
## 10	1990	67.61250	2.910815	0.122843	1.059670	0	0
## 11	1991	67.76127	3.097533	0.123182	1.210469	0	0
## 12	1992	67.42614	2.806165	0.123354	1.250068	0	0
## 13	1993	67.48015	3.008294	0.123179	1.308465	0	0
## 14	1994	67.46514	3.168626	0.123123	1.422405	0	0
## 15	1995	67.50937	3.387482	0.123180	1.541624	0	0
## 16	1996	67.58315	3.636540	0.123234	1.685788	0	0
## 17	1997	67.71054	3.958026	0.123262	1.859170	0	0
## 18	1998	67.89444	4.349367	0.123361	2.061188	0	0
## 19	1999	67.84879	4.521048	0.123405	2.245559	0	0
## 20	2000	67.80439	4.732145	0.123350	2.413894	0	0
## 21	2001	67.35286	4.247149	0.124267	2.082992	0	0
## 22	2002	67.59788	4.860432	0.123665	2.407312	0	0
## 23	2003	67.35822	4.903573	0.123671	2.634188	0	0
## 24	2004	66.84339	4.609345	0.123872	2.532507	0	0
## 25	2005	67.02812	5.198492	0.123493	2.804767	0	0
## 26	2006	66.68488	5.194118	0.123491	2.937262	0	0
## 27	2007	66.76488	5.659969	0.123403	3.109021	0	0
## 28	2008	66.95860	6.318566	0.123147	3.496385	0	0
## 29	2009	66.92548	6.727658	0.123110	3.853156	0	0
## 30	2010	67.18201	7.404611	0.123093	4.220174	0	0
## 31	2011	67.45845	8.100864	0.123017	4.637197	0	0
## 32	2012	66.37163	7.005007	0.123960	4.194615	0	0
## 33	2013	66.21478	7.259466	0.123274	4.449343	0	0
## 34	2014	66.98420	8.507747	0.122942	4.883323	0	0
## 35	2015	66.68322	8.537402	0.123051	5.218747	0	0
## 36	2016	66.86250	9.137626	0.122844	5.520499	0	0
##	annmax_livecrootc	deadcrootc	cwdc_total	litrc	soilc	soilc0	soilc1
## 1	0	0.664615	29.09349	23.69560	10.87251	0.104215	1.410976
## 2	0	0.300351	31.27994	23.69318	10.92102	0.103638	1.398787
## 3	0	0.171839	31.36510	23.65615	10.84401	0.104406	1.351543
## 4	0	0.117828	31.16335	23.65956	10.80550	0.105590	1.321867
## 5	0	0.106053	30.88032	23.68057	10.80906	0.104504	1.303306
## 6	0	0.125275	30.57920	23.71148	10.84307	0.106395	1.304191
## 7	0	0.159675	30.32355	23.74971	10.89739	0.104201	1.305201
## 8	0	0.198519	30.09582	23.78912	10.96131	0.107030	1.324591
## 9	0	0.246639	29.88973	23.82733	11.02841	0.108630	1.343501
## 10	0	0.299820	29.72875	23.86767	11.10526	0.112313	1.370289
## 11	0	0.343564	29.59386	23.89741	11.17247	0.116749	1.394836

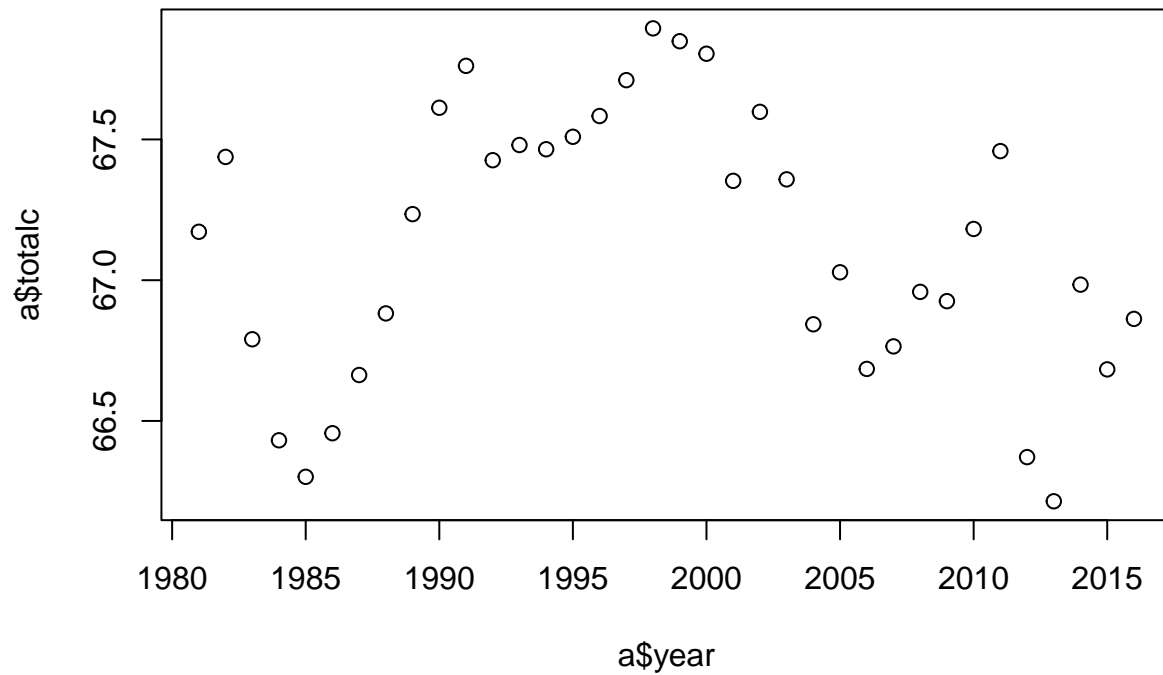
## 12		0	0.356834	29.48360	23.91795	11.21843	0.118896	1.409545
## 13		0	0.374637	29.31062	23.91978	11.24145	0.120919	1.417512
## 14		0	0.406510	29.11322	23.92999	11.25331	0.118554	1.410792
## 15		0	0.440368	28.90743	23.94694	11.26751	0.119299	1.413566
## 16		0	0.481896	28.69992	23.96404	11.28266	0.116978	1.406504
## 17		0	0.531618	28.47490	23.98063	11.29697	0.114744	1.401824
## 18		0	0.589760	28.23077	24.00207	11.31224	0.114589	1.404859
## 19		0	0.643437	27.98052	24.02068	11.32654	0.114932	1.411085
## 20		0	0.692965	27.70425	24.03514	11.33286	0.112775	1.410164
## 21		0	0.597895	27.58968	24.09357	11.42247	0.110712	1.436486
## 22		0	0.689780	27.25740	24.08465	11.39539	0.108444	1.419861
## 23		0	0.756202	26.96196	24.10128	11.39141	0.111717	1.425276
## 24		0	0.729248	26.69850	24.12285	11.41269	0.111486	1.432546
## 25		0	0.807962	26.31982	24.11988	11.38992	0.111009	1.422078
## 26		0	0.845193	25.97702	24.13303	11.38071	0.107157	1.409099
## 27		0	0.894125	25.59652	24.14287	11.36551	0.107107	1.402909
## 28		0	1.004999	25.15687	24.14434	11.33882	0.108399	1.396241
## 29		0	1.108573	24.71640	24.15811	11.32331	0.107049	1.387940
## 30		0	1.215267	24.28923	24.17370	11.31447	0.104042	1.374570
## 31		0	1.335173	23.86729	24.18389	11.30640	0.105952	1.378429
## 32		0	1.209609	23.73770	24.24087	11.38806	0.107113	1.412128
## 33		0	1.285578	23.36751	24.22242	11.36538	0.106770	1.401319
## 34		0	1.408506	22.93519	24.21478	11.32648	0.107963	1.388420
## 35		0	1.504262	22.58980	24.23272	11.32329	0.110847	1.393739
## 36		0	1.592693	22.18648	24.23313	11.30527	0.110868	1.388970
##	soilc2	soilc3	soilc4	soilc5	soilc6	soilc7	soilc8	soilc9
## 1	5.396170	2.456208	0.933550	0.358499	0.135702	0.058050	0.017661	0.001474
## 2	5.423299	2.479204	0.940300	0.361125	0.136765	0.058565	0.017842	0.001492
## 3	5.363131	2.498153	0.946693	0.363649	0.137806	0.059082	0.018032	0.001510
## 4	5.325624	2.515096	0.952930	0.366176	0.138861	0.059604	0.018219	0.001527
## 5	5.315551	2.535849	0.960518	0.369133	0.140055	0.060179	0.018420	0.001546
## 6	5.330481	2.545469	0.964333	0.370761	0.140767	0.060551	0.018565	0.001561
## 7	5.356231	2.564449	0.970937	0.373272	0.141763	0.061028	0.018731	0.001576
## 8	5.394884	2.565826	0.971605	0.373733	0.142032	0.061205	0.018817	0.001587
## 9	5.435566	2.569528	0.972787	0.374290	0.142286	0.061348	0.018881	0.001595
## 10	5.483436	2.568635	0.972156	0.374191	0.142318	0.061406	0.018916	0.001599
## 11	5.524461	2.567006	0.971154	0.373964	0.142302	0.061442	0.018950	0.001605
## 12	5.550256	2.569583	0.971467	0.374128	0.142410	0.061529	0.018998	0.001613
## 13	5.564636	2.569151	0.970731	0.373924	0.142380	0.061553	0.019028	0.001618
## 14	5.566304	2.581701	0.974713	0.375504	0.143056	0.061899	0.019156	0.001629
## 15	5.571720	2.584719	0.975786	0.376071	0.143363	0.062093	0.019247	0.001641
## 16	5.573469	2.599281	0.980739	0.378000	0.144155	0.062486	0.019391	0.001654
## 17	5.576842	2.610601	0.984612	0.379541	0.144806	0.062819	0.019519	0.001668
## 18	5.583181	2.614056	0.985914	0.380194	0.145139	0.063019	0.019608	0.001677
## 19	5.590599	2.614128	0.985863	0.380259	0.145225	0.063102	0.019661	0.001687
## 20	5.591740	2.619355	0.987577	0.380968	0.145559	0.063291	0.019738	0.001695
## 21	5.641697	2.629073	0.990826	0.382330	0.146158	0.063610	0.019866	0.001708
## 22	5.623052	2.635484	0.993113	0.383305	0.146597	0.063852	0.019966	0.001718
## 23	5.625489	2.625657	0.989644	0.382063	0.146176	0.063714	0.019952	0.001723
## 24	5.635764	2.628319	0.990332	0.382366	0.146334	0.063815	0.019999	0.001729
## 25	5.620390	2.629897	0.991219	0.382883	0.146625	0.064001	0.020086	0.001739
## 26	5.609199	2.642008	0.995307	0.384416	0.147252	0.064317	0.020205	0.001751
## 27	5.599901	2.641846	0.995408	0.384548	0.147364	0.064410	0.020258	0.001758
## 28	5.584957	2.637630	0.993888	0.384054	0.147223	0.064387	0.020278	0.001765

##	29	5.573817	2.640777	0.995048	0.384544	0.147474	0.064543	0.020346	0.001772
##	30	5.561109	2.652890	0.999833	0.386467	0.148295	0.064966	0.020510	0.001788
##	31	5.558296	2.645032	0.997497	0.385785	0.148129	0.064949	0.020534	0.001795
##	32	5.608604	2.643527	0.996245	0.385266	0.147947	0.064895	0.020534	0.001798
##	33	5.593602	2.645823	0.996863	0.385513	0.148090	0.064999	0.020591	0.001806
##	34	5.572031	2.641928	0.995612	0.385130	0.147989	0.064990	0.020610	0.001810
##	35	5.574826	2.632599	0.992332	0.383991	0.147633	0.064895	0.020613	0.001815
##	36	5.564861	2.630491	0.991464	0.383719	0.147562	0.064888	0.020625	0.001818
##		cum_Closs_THN_w	cum_ET	cum_evap	cum_transp	cum_nee	cum_gpp	cum_mr	
##	1	25.578981	393.8609	149.26585	238.40446	0.836314	1.180918	0.424674	
##	2	0.000000	227.7833	53.30893	131.96470	0.656313	0.724411	0.092347	
##	3	0.000000	141.9184	23.77003	64.09663	0.671155	0.347964	0.041091	
##	4	0.000000	190.5953	42.39906	80.49013	0.359472	0.547507	0.060061	
##	5	0.000000	256.1391	72.80793	134.16298	0.129739	0.870793	0.108057	
##	6	0.000000	349.2474	98.13517	211.73174	-0.154897	1.393306	0.185917	
##	7	0.000000	422.5414	161.50689	239.70312	-0.206703	1.617830	0.274540	
##	8	0.000000	486.6632	177.76971	296.64562	-0.218884	1.833420	0.374833	
##	9	0.000000	560.1992	240.05224	316.08916	-0.352562	2.198914	0.479901	
##	10	0.000000	604.0021	255.26664	347.03794	-0.377864	2.373501	0.577548	
##	11	0.000000	576.9344	263.57979	310.80212	-0.148768	2.124369	0.609184	
##	12	0.000000	557.4219	215.51870	339.53412	0.335129	1.424444	0.633494	
##	13	0.000000	578.9380	225.75883	349.88218	-0.054009	1.845351	0.543620	
##	14	0.000000	599.2660	264.93278	331.44940	0.015008	1.763762	0.592235	
##	15	0.000000	572.9991	257.75404	312.51449	-0.044224	1.826545	0.604795	
##	16	0.000000	554.3559	270.62832	280.40381	-0.073784	1.811972	0.583206	
##	17	0.000000	552.8280	234.82009	314.92048	-0.127388	1.958844	0.652176	
##	18	0.000000	625.0581	292.21585	331.03792	-0.183907	2.132695	0.746732	
##	19	0.000000	620.7932	274.55290	345.06941	0.045654	1.891407	0.804378	
##	20	0.000000	649.9985	248.03928	400.97315	0.044395	1.923295	0.839042	
##	21	0.789449	583.5526	273.04043	309.16457	-0.128463	2.178813	0.685144	
##	22	0.000000	655.5332	304.46705	349.52427	-0.216538	2.197937	0.761723	
##	23	0.000000	579.0300	228.66497	349.33761	0.240378	1.524324	0.857903	
##	24	0.343914	611.6543	287.32403	323.17241	0.262057	1.471566	0.694756	
##	25	0.000000	597.0246	242.85425	351.94632	-0.172201	1.942785	0.662968	
##	26	0.203089	616.5477	264.98090	349.61349	0.194356	1.496740	0.704493	
##	27	0.188401	667.5825	280.69955	385.98070	-0.211083	2.113972	0.778574	
##	28	0.000000	667.6148	282.02976	384.32763	-0.186743	2.114878	0.846865	
##	29	0.000000	686.3970	290.98663	394.77202	0.033303	1.923386	0.949841	
##	30	0.000000	641.3433	315.79477	324.86514	-0.256526	2.247817	0.916680	
##	31	0.000000	664.3586	285.47614	378.03233	-0.276446	2.427391	1.057923	
##	32	1.013080	652.8409	266.68335	385.22183	0.342152	1.749346	1.007131	
##	33	0.000000	589.1458	241.59726	346.56863	0.193760	1.653194	0.825353	
##	34	0.000000	699.5749	331.98146	366.78416	-0.768481	2.986385	0.961554	
##	35	0.086161	610.1145	246.54592	363.37952	0.237703	1.748631	1.098670	
##	36	0.000000	681.4631	294.98496	385.62293	-0.176173	2.346303	1.075885	
##		cum_gr	cum_npp	cum_hr	soiln	litr1n_total	litr2n_total	litr3n_total	
##	1	0.211540	0.544704	1.381018	0.844548	0.021579	0.050909	0.018701	
##	2	0.149394	0.482671	1.138984	0.847096	0.022039	0.049216	0.018705	
##	3	0.071468	0.235405	0.906560	0.841271	0.021820	0.048691	0.018605	
##	4	0.113711	0.373735	0.733207	0.839362	0.021635	0.048726	0.018587	
##	5	0.179263	0.583473	0.713212	0.840449	0.021530	0.048904	0.018603	
##	6	0.282347	0.925042	0.770145	0.843469	0.021514	0.049139	0.018640	
##	7	0.318598	1.024692	0.817989	0.847411	0.021551	0.049407	0.018692	
##	8	0.350104	1.108483	0.889599	0.851747	0.021619	0.049660	0.018749	

## 9	0.414004	1.305009	0.952447	0.856113	0.021703	0.049867	0.018801
## 10	0.428577	1.367376	0.989513	0.861016	0.021792	0.050115	0.018866
## 11	0.373307	1.141877	0.993109	0.865055	0.021830	0.050289	0.018920
## 12	0.213516	0.577434	0.912563	0.867556	0.021779	0.050445	0.018948
## 13	0.326061	0.975669	0.921661	0.869010	0.021701	0.050358	0.018947
## 14	0.293086	0.878442	0.893449	0.869924	0.021615	0.050370	0.018955
## 15	0.308920	0.912830	0.868606	0.871264	0.021531	0.050456	0.018976
## 16	0.312644	0.916123	0.842339	0.872632	0.021452	0.050542	0.018995
## 17	0.333443	0.973224	0.845836	0.874076	0.021344	0.050631	0.019014
## 18	0.343866	1.042097	0.858189	0.875638	0.021256	0.050743	0.019043
## 19	0.285008	0.802021	0.847674	0.877028	0.021146	0.050850	0.019061
## 20	0.283329	0.800925	0.845319	0.877889	0.021024	0.050901	0.019067
## 21	0.376540	1.117128	0.988665	0.884003	0.021097	0.051488	0.019175
## 22	0.359667	1.076547	0.860009	0.882617	0.020958	0.051075	0.019155
## 23	0.183805	0.482616	0.722995	0.882902	0.020771	0.051225	0.019170
## 24	0.218606	0.558204	0.820261	0.884715	0.020671	0.051455	0.019199
## 25	0.327585	0.952232	0.780031	0.883841	0.020502	0.051276	0.019186
## 26	0.224001	0.568246	0.762601	0.883877	0.020355	0.051400	0.019194
## 27	0.340269	0.995130	0.784046	0.883666	0.020187	0.051457	0.019202
## 28	0.328314	0.939698	0.752956	0.882728	0.019969	0.051438	0.019192
## 29	0.271695	0.701850	0.735153	0.882526	0.019778	0.051558	0.019203
## 30	0.342914	0.988223	0.731698	0.882650	0.019626	0.051659	0.019215
## 31	0.352230	1.017237	0.740792	0.882751	0.019438	0.051754	0.019220
## 32	0.216515	0.525700	0.867852	0.888311	0.019427	0.052445	0.019328
## 33	0.233251	0.594590	0.788349	0.886901	0.019246	0.052023	0.019297
## 34	0.487312	1.537520	0.769039	0.884875	0.019031	0.051956	0.019277
## 35	0.189837	0.460124	0.697827	0.885216	0.018836	0.052197	0.019300
## 36	0.331618	0.938800	0.762627	0.884512	0.018651	0.052184	0.019296
##	littr4n_total	annmax_lai	annprcp	anntavg			
## 1	0.031764	9.869077	1262.2	5.252877			
## 2	0.031793	1.801599	918.2	5.692329			
## 3	0.031639	0.455490	897.0	6.083836			
## 4	0.031624	0.805470	996.6	4.897397			
## 5	0.031660	1.414731	1168.2	4.222329			
## 6	0.031725	2.296040	1038.0	4.924658			
## 7	0.031808	3.295811	1098.2	4.439315			
## 8	0.031897	4.195070	1043.7	5.248493			
## 9	0.031974	5.042458	867.3	6.064521			
## 10	0.032069	5.978545	986.5	5.958082			
## 11	0.032144	6.501292	964.4	4.792466			
## 12	0.032182	6.209451	928.1	5.871370			
## 13	0.032173	5.523459	952.3	5.274932			
## 14	0.032183	5.616636	1133.7	6.358630			
## 15	0.032216	6.098012	1103.1	5.304795			
## 16	0.032245	6.256408	1180.0	4.319041			
## 17	0.032273	6.834873	1237.1	5.128767			
## 18	0.032319	7.379579	1097.1	5.575890			
## 19	0.032348	7.731893	1072.8	5.839315			
## 20	0.032358	7.455265	1102.9	6.669178			
## 21	0.032506	7.207439	1264.9	5.538904			
## 22	0.032477	7.374636	1105.5	6.337808			
## 23	0.032505	7.607645	792.0	5.741370			
## 24	0.032547	7.529358	1029.0	5.363151			
## 25	0.032529	6.747324	1263.0	5.173973			

```
## 26    0.032542    6.645508   1049.3  5.771644
## 27    0.032557    7.151220   1151.0  6.703288
## 28    0.032548    8.071844    970.8  6.573973
## 29    0.032571    8.688669   1155.2  6.136027
## 30    0.032594    8.875042   1430.8  5.231370
## 31    0.032605    9.722598    841.3  6.323151
## 32    0.032759    9.586959   1024.6  6.246438
## 33    0.032708    7.855465   1019.1  6.081644
## 34    0.032678    8.787677   1038.6  7.450548
## 35    0.032718    9.234669    833.1  7.111096
## 36    0.032713    9.561294   1129.8  6.432877
```

```
plot(a$year,a$totalc)
```



```
ggplot(a, aes(year, totalc))+
  geom_line(size=1.2, show.legend = F)
```

