Generating a README.txt file for the Dryad submission of data from study "DateLife: leveraging databases and analytical tools to reveal the dated Tree of Life"

Description of README file

```
line0 \leftarrow \textbf{paste}("This \_README \_ file \_was \_ generated \_on", Sys.Date(), "by \_Luna \_L. \_SAanchez \_Reyes, \_< https://orcid.org/0000-0001-7668-2528>")
```

General Information on data set

line1 <- "

GENERAL INFORMATION

```
1. \Box Title \Box of \Box Dataset
```

 $2. \sqcup Author \sqcup Information$

 $4. \Box Geographic \Box location \Box of \Box data \Box collection : \Box Online$

```
6. \square Recommended \square citation \square for \square this \square dataset:
```

"

Original file names, rename

Description of data files

line2 <- "DATA_&_FILE_OVERVIEW

 $1. \square Description \square of \square dataset$

 $These \sqcup data \sqcup were \sqcup generated \sqcup to \sqcup investigate \sqcup and \sqcup showcase \sqcup the \sqcup performance \sqcup of \sqcup the \sqcup datelife \sqcup R \sqcup package \sqcup (< https://github.com/phylotastic/datelife>).$

 $We_show cased_the_application_of_the_package_with_one_mock_example_and_two_different_biological_examples.$

 $The_{\sqcup}\,first_{\sqcup}\,biological_{\sqcup}\,example_{\sqcup}\,uses_{\sqcup}\,datelife_{\sqcup}on_{\sqcup}a_{\sqcup}\,small_{\sqcup}\,sample_{\sqcup}\,of_{\sqcup}\,bird_{\sqcup}\,species\,.$ $The_{\sqcup}\,second_{\sqcup}one_{\sqcup}\,uses_{\sqcup}\,datelife_{\sqcup}on_{\sqcup}\,bird_{\sqcup}\,species_{\sqcup}\,belonging_{\sqcup}to_{\sqcup}the_{\sqcup}family_{\sqcup}$

Fringillidae \cup of \cup 'true \cup finches', \cup following \cup the \cup NCBI \cup taxonomy.

 $The \sqcup mock \sqcup example \sqcup was \sqcup created \sqcup by \sqcup replacing \sqcup species \sqcup names \sqcup from \sqcup the \sqcup small \sqcup example \sqcup with \sqcup letters \ , \sqcup and \sqcup reducing \sqcup the \sqcup number \sqcup of \sqcup source \sqcup chronograms \ .$

 $We_evaluated_the_performance_of_the_package_datelife_with_two_analysis:_a_benchmarking_analysis_to_measure_computing_time_of_functions,_and_a_cross_validation_analysis_to_test_the_accuracy_and_precision_of_the_functions.$

 $2. \Box File \Box List:$

 $File \, {\scriptstyle \sqcup} \, 1 \, {\scriptstyle \sqcup} \, Name \colon {\scriptstyle \sqcup} \, Sanchez - Reyes _et al _2022 _t \, able _1 \, . \, csv$

- $File_1_Description: _CSV_(comma_separated_values)_file_with_node_age_results_from_datelife's_small_example,_presented_in_Table_1_of_the_manuscript._It_contains_node_names,_taxon_names_defining_the_nodes,_the_corresponding_node_ages_(in_Million_years),_and_references_of_source_chronograms_that_were_congruified_to_the_chosen_tree_topology_to_extract_node_ages.$
- $File \, \square \, 2 \, \square \, Name : \, \square \, Sanchez Reyes \, _et al \, _2022 \, _t \, able \, _2. \, csv$
- $File_2_Description:_CSV_(comma_separated_values)_file_summarizing_age_data_(in_Million_years)_from_table_1,_per_node._These_data_are_presented_in_Table_2_of_the_manuscript.$
- $File_3_Name: _Sanchez-Reyes_etal_2022_supplementary_table_S1.csv\\ File_3_Description: _CSV_(comma_separated_values)_file_with_node_age_results_from_datelife's_Fringillidae_example. _It_contains_node_names, _taxon_names_defining_the_nodes, _the_corresponding_node_ages_(in_Million_years), _and_references_of_source_chronograms_that_were_congruified_to_the_chosen_tree_topology_(shown_in_Figure_4B_of_the_manuscript)_to_extract_node_ages.$
- $File_4_Name:_Sanchez-Reyes_etal_2022_supplementary_table_S1.pdf\\ File_4_Description:_PDF_version_of_file_Sanchez-Reyes_etal_2022_supplementary_table_S1.csv$
- $\label{local_summarizing_age_data} File_5_Name:_Sanchez-Reyes_etal_2022_supplementary_table_S2.csv\\ File_5_Description:_CSV_(comma_separated_values)_file_summarizing_age_data_(in_Million_years)_from_table_S1,_per_node.$
- $\label{lem:signal_supplementary_table_S2.pdf} File_6_Name:_Sanchez-Reyes_etal_2022_supplementary_table_S2.pdf \\ File_6_Description:_PDF_file_version_of_file_Sanchez-Reyes_etal_2022_supplementary_table_S2.csv\,.$
- $\label{local_property} File_7_Name:_Sanchez-Reyes_etal_2022_figure_1_chronogram_mock_example.tre\\ File_7_Description:_Newick_version_of_chronogram_from_the_mock_example_shown_in_Figure_1_of_the_manuscript_(https://www.biorxiv.org/content/10.1101/782094v2).$
- $\label{local_substitute} File_8 _ Name: _Sanchez-Reyes_etal_2022_figure_3_chronogram_small_example.tre\\ File_8 _ Description: _Newick_version_of_chronogram_from_the_small_example_shown_in_Figure_3 _ of_the_manuscript_(https://www.biorxiv.org/content/10.1101/782094v2).$
- $\label{local_substitution} File_9 _ Name: _Sanchez-Reyes_etal_2022_figure_4A_topology_finches_mrca.tre\\ File_9 _ Description: _Newick_version_of_topology_extracted_from_the_Open_Tree_of_Life_synthetic_tree, _shown_in_Figure_4A_of_the_manuscript_(https://www.biorxiv.org/content/10.1101/782094v2).$
- $File_10_Name:_Sanchez-Reyes_etal_2022_figure_4B_topology_finches_ncbi.tre\\ File_10_Description:_Newick_version_of_topology_extracted_from_the_Open_Tree_of_Life_synthetic_tree,_shown_in_Figure_4B_of_the_manuscript_(https://www.biorxiv.org/content/10.1101/782094v2).$
- $File_11_Name:_Sanchez-Reyes_etal_2022_figure_5_chronogram_finches_example.tre\\ File_11_Description:_Newick_version_of_chronogram_from_the_finch_example_shown\\ _in_Figure_5_of_the_manuscript_(https://www.biorxiv.org/content/10.1101/782094v2).$

- $File_12_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S1.pdf\\ File_12_Description:_PDf_file_showing_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions.$
- $File_13_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S2.jpg\\ File_13_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Barker_et_al._2013._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_14_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S2.\ tre\\ File_14_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S2_(gray)\ .$
- $File_15_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S3.jpg\\ File_15_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Barker_et_al._2015,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_16_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S3.tre\\ File_16_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S3_(gray)\ .$
- $File_17_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S4.jpg\\ File_17_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Barker_et_al._2015,_chronogram_2._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_18_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S4.\ tre\\ File_18_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S4_(gray)\ .$
- $\label{eq:figure_Sanchez} File_{\sqcup}19_{\sqcup}Name:_{\sqcup}Sanchez-Reyes_etal_2022_supplementary_figure_S5.jpg\\ File_{\sqcup}19_{\sqcup}Description:_{\sqcup}JPG_{\sqcup}file_{\sqcup}of_{\sqcup}results_{\sqcup}of_{\sqcup}cross_{\sqcup}validation_{\sqcup}analysis_{\sqcup}of_{\sqcup}datelife~'s_{\sqcup}chronogram_{\sqcup}generating_{\sqcup}functions~,_{\sqcup}using_{\sqcup}a_{\sqcup}tree_{\sqcup}topology_{\sqcup}from_{\sqcup}Burns_{\sqcup}et_{\sqcup}al~,_{\sqcup}2015._{\sqcup}Comparison_{\sqcup}of_{\sqcup}original_{\sqcup}chronogram_{\sqcup}(black)_{\sqcup}and_{\sqcup}the_{\sqcup}chronogram_{\sqcup}obtained_{\sqcup}using_{\sqcup}datelife_{\sqcup}(gray)~.$
- $File_20_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S5.\ tre\\ File_20_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S5_(gray)\ .$
- $File_21_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S6.jpg\\ File_21_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Claramunt_et_al._2015._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_22_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S6.tre\\ File_22_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S6_(gray).$

- $File_23_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S7.jpg\\ File_23_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Gibb_et_al._2015._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_24_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S7.\ tre\\ File_24_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S7_(gray)\ .$
- $\label{eq:figure_state} File_25_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S8.jpg \\ File_25_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Hedges_et_al._2015,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_26_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S8.tre\\ File_26_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S8_(gray).$
- $\label{eq:continuous_substitution} File_27_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S9.jpg\\ File_27_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Hedges_et_al._2015,_chronogram_2._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_28_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S9.\ tre\\ File_28_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S9_(gray)\ .$
- $\label{eq:figure_solution} File_29_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S10.jpg \\ File_29_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Hooper_et_al._2017._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_30_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S10.tre\\ File_30_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S10_(gray)\ .$
- $File_31_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S11.jpg\\ File_31_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Jetz_et_al._2012,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_32_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S11.tre\\ File_32_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S11_(gray).$
- $File_33_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S12.jpg\\ File_33_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_datelife's_chronogram_generating_functions, generating_functions, genera$

- $Jetz_{\sqcup}et_{\sqcup}al._{\sqcup}2012,_{\sqcup}chronogram_{\sqcup}2._{\sqcup}Comparison_{\sqcup}of_{\sqcup}original_{\sqcup}chronogram_{\sqcup}(black)_{\sqcup}and_{\sqcup}the_{\sqcup}chronogram_{\sqcup}obtained_{\sqcup}using_{\sqcup}datelife_{\sqcup}(gray).$
- $File_34_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S12.tre\\ File_34_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S12_(gray).$
- $File_35_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S13.jpg\\ File_35_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Kimball_et_al._2019,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_36_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S13.tre\\ File_36_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S13_(gray).$
- $File_37_Name: _Sanchez-Reyes_etal_2022_supplementary_figure_S14.jpg\\ File_37_Description: _JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions, _using_a_tree_topology_from_Kimball_et_al._2019, _chronogram_2._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_38_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S14.tre\\ File_38_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S14_(gray)\ .$
- $File_39_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S15.jpg\\ File_39_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Oliveros_et_al._2019._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_40_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S15.tre\\ File_40_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S15_(gray).$
- $File_41_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S16.jpg\\ File_41_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Price_et_al._2014,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $\label{lem:sigma:lem:sigma} File_42_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S16.tre\\ File_42_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S16_(gray)\ .$
- $File_43_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S17.jpg\\ File_43_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Price_et_al._2014,_chronogram_2._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- File U44 Name: Sanchez-Reyes_etal_2022_supplementary_figure_S17.tre

- $File_44_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S17_(gray)\ .$
- $File_45_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S18.jpg\\ File_45_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Roquet_et_al._2014,_chronogram_1._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_46_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S18.tre\\ File_46_Description:_Newick_file_of_chronogram_obtained_with_datelife,_shown_in_supplementary_Figure_S18_(gray).$
- $File_47_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S19.jpg\\ File_47_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife 's_chronogram_generating_functions,_using_a_tree_topology_from_Roquet_et_al._2014,_chronogram_2._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_48_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S19.tre\\ File_48_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S19_(gray)\ .$
- $File_49_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S20.jpg\\ File_49_Description:_JPG_file_of_results_of_cross_validation_analysis_of_datelife's_chronogram_generating_functions,_using_a_tree_topology_from_Uyeda_et_al._2017._Comparison_of_original_chronogram_(black)_and_the_chronogram_obtained_using_datelife_(gray).$
- $File_50_Name:_Sanchez-Reyes_etal_2022_supplementary_figure_S20.tre\\ File_50_Description:_Newick_file_of_chronogram_obtained_with_datelife\ ,_shown_in_supplementary_Figure_S20_(gray)\ .$

Methods that generated the data files

 $\begin{array}{ll} \text{line3} <\!\!\!- \text{"} \\ \text{METHODOLOGICAL_INFORMATION} \end{array}$

 $All_age_data_and_chronograms_were_obtained_using_the_R_package_datelife_v0.6.5\\ _https://CRAN.R-project.org/package=datelife_and_the_chronogram_database_OpenTreeChronograms_v2022.1.28$

Individual descriptions of each data file

 $\begin{array}{l} \mathbf{var_description_1} \leftarrow \mathbf{c} (\ "Node_names_in_tree_topology \, , _as_defined_by_taxon_A_and \\ _taxon_B. \ " \, , \end{array}$

- "Scientific $_$ name $_$ of $_$ the $_$ first $_$ element $_$ of $_$ a $_$ taxon $_$ pair $_$ that $_$ defines $_$ a $_$ node $_$ from $_$ a $_$ tree $_$ topology.",
- " $Scientific_{\square}name_{\square}of_{\square}the_{\square}second_{\square}element_{\square}of_{\square}a_{\square}taxon_{\square}pair_{\square}that_{\square}defines_{\square}a_{\square}node_{\square}from_{\square}a_{\square}tree_{\square}topology.$ ",

```
"Ages\cup of\cupnodes\cup defined\cupby\cuptaxon\cupA\cupand\cuptaxon\cupB, \cup in\cup
                                     Million _ years. ",
                                "Reference \_of \_the \_study \_that \_published \_the \_chronogram \_
                                     from which the node ages were extracted.")
var description 2 \leftarrow \mathbf{c}("Names_{||} of_{||} nodes_{||} from_{||} the_{||} tree_{||} topology_{||} used_{||} for_{||} the_{||}
    dating unalysis.",
                                "Minimum⊔node⊔age,⊔in⊔Million⊔years.",
                                "First \neg quartile \neg of \neg node \neg age \neg distributions, \neg in \neg Million \neg
                                    years.",
                                "Mean ode age, in Million years.",
                                "Median \cup node \cup age, \cup in \cup Million \cup years."
                                "Third quartile of node age distributions, in Million
                                     years.",
                                "Maximum⊔node⊔age, ⊔in⊔Million⊔years.",
                                "Variance of node age, in Million years.",
                                "Standard deviation of node age, in Million years.")
csv_file_names <- c("Sanchez-Reyes_etal_2022_table_1.csv",
                            "Sanchez-Reyes_etal_2022_table_2.csv",
                            "Sanchez-Reyes_etal_2022_supplementary_table_S1.csv",
                            "Sanchez-Reyes_etal_2022_supplementary_table_S2.csv")
tre_file_names <- c("Sanchez-Reyes_etal_2022_figure_1_chronogram_mock_example.
    tre")
text \leftarrow c()
var_descriptions <- list(var_description_1, var_description_2, var_description
    _1, var_description_2)
names(var_descriptions) <- csv_file_names
for (file_name in csv_file_names) {
  # read the csv file in:
  csv_data <- utils::read.csv(file = paste0("../dryad/", file_name), header =
       TRUE, row.names = NULL)
  # remove the column with row numbers:
  csv_data \leftarrow csv_data[,-1]
  # create the description text
  var\_list \leftarrow gsub("[.]", "_{\sqcup}", colnames(csv\_data))
  var_list <- paste0("\t", var_list, ":", var_descriptions[[file_name]])</pre>
  text \leftarrow c(text,
                \mathbf{c} \, (\, \mathbf{paste} \, (\, " \, \mathsf{NDATA} \!\!-\!\! \mathsf{SPECIFIC} \, \mathsf{\_INFORMATION} \, \mathsf{\_FOR} \colon " \, \, , \  \, \mathbf{file} \, \underline{\hspace{1em}} \, \mathsf{name} \, , \  \, " \, \mathsf{\backslash} \, n \, " \, ) \, ,
                   \mathbf{paste} ( \texttt{"1.} \sqcup \mathsf{Number} \sqcup \mathsf{of} \sqcup \mathsf{variables/columns} : \texttt{"} \;, \; \; \mathbf{ncol} ( \mathbf{csv\_data}) \;, \; \; \texttt{"} \backslash \texttt{n"}) \;,
                   paste("2._\Number_of_cases/rows:", nrow(csv_data), "\n"),
                   "3. Uariable List: ", var_list,
                   " \ 1 \ . \ Missing \ data \ codes : \ None",
                    " \setminus n5. \cup Abbreviations \cup used : \cup NA = \cup not \cup applicable \setminus n")
}
line4 <- text
```

Writing everything to TXT file

```
writeLines(text = c(line0,
```