Untitled Digital Article

A new digital article

albou
Digital Article System
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Abstract

This digital article presents a comprehensive computational analysis with data-driven insights and methodological approaches to address key research questions in the domain.

Introduction

This investigation addresses important questions through computational analysis and data-driven methodologies, providing insights into complex patterns and relationships within the studied domain.

2. Methodology

2.1 Please create sdtm files for a cohort of 20 patients in tnbc...

Computational analysis was performed using Python-based methods to please create sdtm files for a cohort of 20 patients in tnbc. write the files in data/. The implementation involved data processing and analytical techniques appropriate for the research objectives.

2.2 Now please create a comprehensive dashboard to make sense of...

Computational analysis was performed using Python-based methods to now please create a comprehensive dashboard to make sense of those data. The implementation involved data processing and analytical techniques appropriate for the research objectives.

2.3 There was an error, could you fix the previous code ? """att...

Computational analysis was performed using Python-based methods to there was an error, could you fix the previous code ? """"attributeerror: module 'plotly.express' has no attribute 'express'

traceback (most recent call last): file "/users/albou/projects/reverse-notebook/backend/app/services/execution_service.py", line 153, in execute_code exec(processed_code, self.globals_dict) file "<string>", line 4, in <module> file "/users/albou/projects/reverse-notebook/backend/app/services/execution_service.py", line 93, in lazy_import module = getattr(module, part) ^^^^^^^^^^^^^^^^^^^^^ attributeerror: module 'plotly.express' has no attribute 'express' """. The implementation involved data processing and analytical techniques appropriate for the research objectives.

Results

Comprehensive analysis of findings and conclusions from the digital article investigation.

1. please create SDTM files for a cohort of 20 patients in TNBC. write the files in data/

SDTM files generated successfully in data/ directory: - sdtm_tnbc_cohort.csv (ADaM) - sdtm_ae_tnbc.csv (Adverse Events) - sdtm_lb_tnbc.csv (Laboratory) - sdtm_dm_tnbc.csv (Demographics)

Table 1. sdtm_data (n = 20 observations).

USUBJID	AGE	SEX	STUDYID	TRT	TUMORSTG	TUMORGRD	ERSTAT	PRSTAT	HER2STAT	RESPONSE	FUPM
P01	45	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	6
P02	46	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	12
P03	47	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	18
P04	48	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	24
P05	49	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	6
P06	50	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	12

USUBJID	AGE	SEX	STUDYID	TRT	TUMORSTG	TUMORGRD	ERSTAT	PRSTAT	HER2STAT	RESPONSE	FUPM
P07	51	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	18
P08	52	F	TNBC-COHORT	Neoadjuvant Chemo	IIIA	3	Negative	Negative	Negative	CR	24
P09	53	F	TNBC-COHORT	Neoadjuvant Chemo	IIIB	3	Negative	Negative	Negative	PR	6
P10	54	F	TNBC-COHORT	Neoadjuvant Chemo	IIIB	3	Negative	Negative	Negative	PR	12
P11	55	F	TNBC-COHORT	Surgery	IIIB	3	Negative	Negative	Negative	PR	18
P12	56	F	TNBC-COHORT	Surgery	IIIB	3	Negative	Negative	Negative	PR	24

Note: Showing first 12 rows of 20 total observations.

Table 2. ae_data (n = 40 observations).

USUBJID	AETERM	AESEV	AESTDTC	AEENDTC	AEREL
P01	Fatigue	Mild	2023-01-15	2023-01-25	Related
P01	Fatigue	Mild	2023-02-10	2023-02-20	Related
P01	Fatigue	Mild	2023-01-15	2023-01-25	Related
P01	Fatigue	Mild	2023-02-10	2023-02-20	Related
P01	Fatigue	Mild	2023-01-15	2023-01-25	Related
P02	Fatigue	Mild	2023-02-10	2023-02-20	Related
P02	Fatigue	Mild	2023-01-15	2023-01-25	Related
P02	Fatigue	Mild	2023-02-10	2023-02-20	Related
P02	Fatigue	Moderate	2023-01-15	2023-01-25	Related
P02	Fatigue	Moderate	2023-02-10	2023-02-20	Related
P03	Nausea	Moderate	2023-01-15	2023-01-25	Related
P03	Nausea	Moderate	2023-02-10	2023-02-20	Related

Note: Showing first 12 rows of 40 total observations.

Table 3. lb_data (n = 60 observations).

USUBJID	LBTEST	LBORRES	LBUNITS	LBSTAT	LBDTC
P01	WBC	12.5	10^3/uL		2023-01-15
P01	WBC	13.0	10^3/uL		2023-02-15
P01	WBC	13.5	10^3/uL		2023-03-15
P02	WBC	14.0	10^3/uL		2023-01-15
P02	WBC	14.5	10^3/uL		2023-02-15
P02	WBC	15.0	10^3/uL		2023-03-15
P03	WBC	15.5	10^3/uL		2023-01-15
P03	WBC	16.0	10^3/uL		2023-02-15
P03	WBC	16.5	10^3/uL		2023-03-15
P04	WBC	17.0	10^3/uL		2023-01-15
P04	WBC	17.5	10^3/uL		2023-02-15
P04	WBC	18.0	10^3/uL		2023-03-15

Note: Showing first 12 rows of 60 total observations.

Table 4. dm_data (n = 20 observations).

USUBJID	AGE	SEX	RACE	ETHNIC	BRTHTM	STUDYID
P01	45	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P02	46	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P03	47	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P04	48	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P05	49	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P06	50	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P07	51	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P08	52	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P09	53	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P10	54	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P11	55	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT
P12	56	F	White	Not Hispanic or Latino	2023-01-15	TNBC-COHORT