

How to Beautify Your Report

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Disclaimer

- Thanks PhilaSUG for the opportunity
- Any views or opinions in this presentation are solely those of the author.
- Enjoyed serving as a volunteer!

Agenda

- Introduction
- Accuracy assurance
- Appealing reports
- Thoughts and discussions

Introduction

- Accuracy is beauty!



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- Reports are venues to communicate the accuracy



Introduction

- Accuracy is beauty!
- Reports are venues to communicate the accuracy
- Quality work is combination of both!

Accuracy Assurance

- To explain a few...

Areas where ... could be made☹️

- Baseline derivations: whether to include unscheduled visits (certain labs), worst case or best case scenario



Areas where ... could be made☹

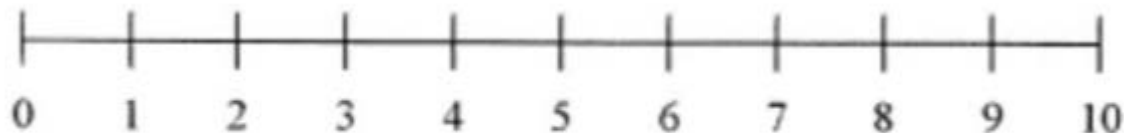
- Baseline derivations: whether to include unscheduled visits (certain labs), worst case or best case scenario

Last.USUBJID or
First.USUBJID?



Areas where ... could be made 😞

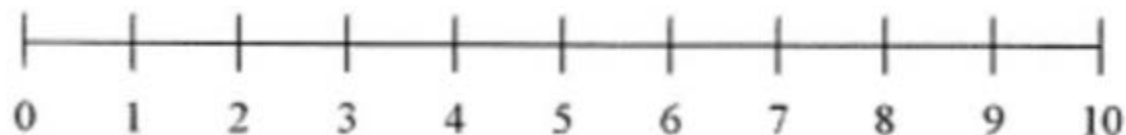
- Numbers for NA etc. were used incorrectly, e.g. when 99 was entered in EDC for not done in the following pain score...
- ✓ Why am I getting mean score > 10 ?



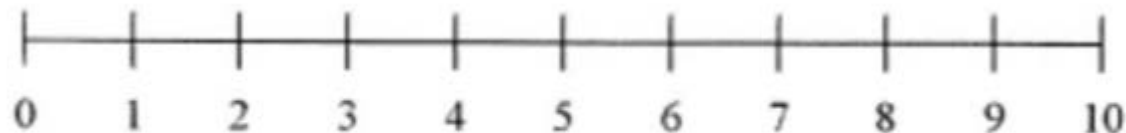
Areas where ... could be made 😞

- Certain questionnaire answers need standardization

Q1: 10 is the best result



Q2: 0 is the best result



Enhanced double-programming for double saving 😊

- Reconciliations between the QC and Production

- ✓ Results match? If not, then

- ✓ Endpoint values match at each timepoint/visit?

Allowing flexibility for study specific construct for data sets in order to increase the clarity and effectiveness of comparisons

Appealing Reports☺

- Alignment

✓ CMCLAS = ' '||left(CMCLAS)

ATC Class/Generic Drug Name

Subjects Receiving Any Concomitant Medications

Appealing Reports☺

- Alignment
 - ✓ `style(column) = {just=l
cellwidth=1.2in indent=0.15in}`

ATC Class/Generic Drug Name

Subjects Receiving Any Concomitant Medications

Appealing Reports☺

- Alignment
 - ✓ `style(column) = {just=l
cellwidth=1.2in leftmargin=0.15in}`

ATC Class/Generic Drug Name

*Subjects Receiving Any Concomitant
Medications*

Appealing Reports ☺

- Special characters/symbols etc.
- ✓ `_hdr='Pediatric (6 ^{unicode 2264} Age ^{unicode 2264} 11)';`

Parameter Category	Pediatric (6 ≤ Age ≤ 11) (N=xx)
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Appealing Reports 😊

- Many other ODS features -
✓ sas.com

REPORT Procedure

[Syntax](#) ▾ [Overview](#) [Concepts](#) [Using](#) ▾ [Results](#) [Examples](#) ▾

Using ODS Styles with Base Report Writing Procedures

[Overview](#)

[Styles, Style Elements, and Style Attributes](#)

[Style Elements and Style Attributes for Table Regions](#)

[Order of Precedence When Applying Style Attributes to Data Cells](#)

[Using a Format to Assign a Style Attribute Value](#)

[Controlling the Spacing between Rows](#)

Overview

Most Base SAS procedures that support ODS use one or more table templates to produce output objects. These table element can specify the use of one or more style elements for various parts of the output. These style element for the ODS destinations that you use. For more information about customizing tables and styles, see [TEMPLATE P](#)

Discussions

- How soon to get started on validations?



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- What's the challenge to start validations ASAP?

Discussions

- How soon to get started on validations?
- What's the challenge to start validations ASAP?
- How to balance between beauty and accuracy?

Appreciation

Thanks Drexel,
PhilaSUG, and all
who volunteered
their valuable time
and efforts on the
ongoing SAS
community
activities!



Q & A

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Further discussions:

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