

SPSS Import not working

Data Quality Rules & SPSS Export Settings

SPSS requires data to be in a set format and is very sensitive to invalid data or data within text fields that contain any carriage returns. These issues can prevent your exported REDCap data from importing into SPSS. This document will go through how to run Data Quality Rules to check for incorrect data types within field validation and how to determine if your text fields may be an issue through a multi-step exporting process.

Running the Data Quality Rules: Field Validation Errors (Incorrect Data Type)

1. Log into REDCap
2. Select your required project from the **'My Projects'** tab
3. On the left hand side under **'Applications'** click on **'Data Quality'**, see Figure 1

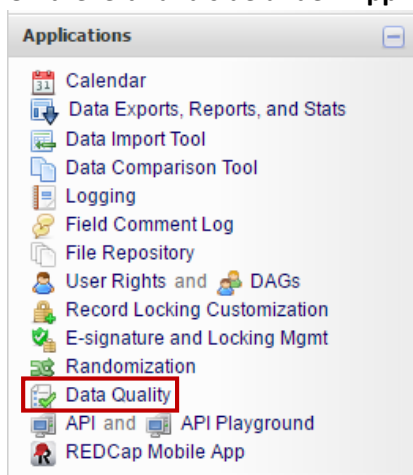


Figure 1

4. On the Data Quality page click the **'Execute Button'** for the data quality rule **'Field Validation Errors (Incorrect Data Type)'**, see Figure 2

Data Quality Rules							
				Execute rules: All All except A&B All custom Clear			
				Apply to: -- All records --			
Rule #	Rule Name	Rule Logic (Show discrepancy only if...)	Real-time execution ?	Total Discrepancies	Patients	Delete rule?	
A	Missing values*	-		Execute			
B	Missing values* (required fields only)	-		Execute			
C	Field validation errors (incorrect data type)	-		Execute			
D	Field validation errors (out of range)	-		Execute			
E	Outliers for numerical fields (numbers, integers, sliders, calc fields)	-		Execute			
F	Hidden fields that contain values**	-		Execute			
G	Multiple choice fields with invalid values	-		Execute			
H	Incorrect values for calculated fields	-		Execute			

Figure 2

REDCap How To guide

- Once the Rule has run in the **Total Discrepancies** column of the **Data Quality Rules** table, it will advise how many records have an issue, if you have any discrepancies got to step 6, otherwise go to the next section. See Figure 3.

Data Quality Rules						
Processing Complete! Execute rules: All All except A&B All custom Clear						
Apply to: -- All records --						
Rule #	Rule Name	Rule Logic (Show discrepancy only if...)	Real-time execution ?	Total Discrepancies	Delete rule?	
A	Missing values*	-		Execute		
B	Missing values* (required fields only)	-		Execute		
C	Field validation errors (incorrect data type)	-		1	view	
D	Field validation errors (out of range)	-		Execute		
E	Outliers for numerical fields (numbers, integers, sliders, calc fields)	-		Execute		
F	Hidden fields that contain values**	-		Execute		
G	Multiple choice fields with invalid values	-		Execute		
H	Incorrect values for calculated fields	-		Execute		

Figure 3

- Click on the **view** link to review what data is an issue and requires to be fixed, see Figure 3.
- On the **'Rule'** discrepancies window, it will display which fields have an incorrect value entered for the field's data type, see Figure 4.

Rule: Field validation errors (incorrect data type)			
Discrepancies found: 1			
Record	Discrepant fields with their values	Status	Exclude
1	name_v2 = 05/06/1980	Validation error	exclude

Figure 4

- Click on the value, to open the record that contains the incorrect information and fix the data, see Figure 4.
- Repeat Step 2 to Step 8, until you have resolved all incorrect data type discrepancies.