

Error	Explanation	Critical error?	Solution
#1	The name assigned to subject in meta-data (i.e. data received from dicom header) differs from the subject name assigned in the MRI-series.	No	Check whether the inconsistency is expected. Possible reason for inconsistency is automated upper-case naming of dicom filename by MR-machine; if you used lower case letters in meta-data RaBIDS returns Error #1. Other reason is costum renaming of dicom files.
#2	Scan protocol not found	Yes	It is recommended to check user input in the datasheet of following object types: data exchange path, dicoms, series info, general suffix and session info.
#3	Create-SOTs did not run	yes	If you used OffsetID to define duration, you should check whether there is an OffsetID event following each OnsetID event in the Presentation logfile. If this is not the case, use different OffsetID or define Duration instead.
#4	Both, duration and OffsetID are not defined for at least one Condition in the conditions_TaskName.xlsx file	Yes	Define either OffsetID or Duration for all Conditions
#5	Create-SOTs did not run because parameter information is lacking in the conditions_TaskName.xlsx file, field 'Logfile ID format'.	Yes	Input to Logfile ID format needs to be either 'BIDS' or 'free'
#6	Create-SOTs did not run because the program is not able to read the Presentation logfile.	Yes	<ol style="list-style-type: none"> <li>1.) Check whether sourcedata path is named as explained in manual.</li> <li>2.) Check Log ID in conditions_TaskName.xlsx</li> <li>3.) Check logfile headerlines: data expected to start not before row 5 (see create_sots.m, line 17, variable IgnoreHeaderLines).</li> </ol>
#7	Input to the Datasheet, ObjectType 'dicoms', is invalid.	Yes	Change ObjectType 'dicoms' either to 'BIDS' or to 'allinone'.
#8	A task with the specified parameters was not found for a subject/session.	No	<p>If this is unexpected, follow steps below:</p> <ul style="list-style-type: none"> <li>• If program was not able to save scan protocol with current settings, it is recommended to check user input in the datasheet of the ObjectTypes: data exchange path, dicoms, series info, general suffix and session info.</li> <li>• If scan protocol of this subject was written to the session directory, go to datasheet and check input to the ObjectTypes MRI series, minimum and</li> </ul>

			<p>maximum images, and series info. Compare user input to these fields with scan protocol of this subject. Is MRI series ID (= name in scan protocol) and number of images (vols in scan protocol) appropriately defined?</p>
#9	A scan series was named 'fieldmap' but further information is missing to identify it as magnitude or phasedifference.	Yes	<p>Series can only be called 'fieldmap' if a field mapping sequence was used. If a series received the TaskName 'fieldmap', additional information is required whether this is a magnitude or a phase-difference map. Add 'magn' or phasediff' to the TaskName; e.g. 'fieldmap magnitude'. Two independent phase images are currently not supported.</p>
#10	Program tried to access json file for fieldmap phasedifference image but no such file was found.	No, but the resulting dataset might not pass BIDS validation.	<p>Datasets require a json file for each phasedifference map to pass BIDS validation. If you want to use fMRIPrep json files are required and you should stop the program and do below steps. The most likely reason that you receive this error is that json output is not switched on. Type "dicm2nii" in the command window to open the dicm2nii GUI and tag the option for json output. Press enter and close the GUI. Restart RaBIDS.</p>