green=same cluster size   red=different cluster size

NO ML   ML trained 1Jan-28Sep   ML trained over 15 Oct

cluster_size: no ML	pattern	cluster_size: ML trained over 1jan 2020 to 28sep 2020	pattern	cluster_size: ML trained over 15oct2020	pattern
83253	['Result (Neon): SSL handshake failed: Connection timed out during SSL handshake ']	83253	['Result (Neon): SSL handshake failed: Connection timed out during SSL handshake after 1 attempts']	85201	['(Neon): SSL handshake failed: Connection timed out during SSL handshake', 'DESTINATION OVERWRITE DavPosix::unlink (Neon): SSL handshake failed: Connection timed out during SSL handshake']
65664	['[gfalt_copy_file][perform_copy][gfal_http_copy] DESTINATION OVERWRITE [gfal_http_copy_overwrite] [gfal_http_exists] [gfal_http_access][davix2gliberr] Failure (Neon): Server certificate verification failed: certificate has expired after 1 attempts']	65664	['[gfalt_copy_file][perform_copy][gfal_http_copy] DESTINATION OVERWRITE [gfal_http_copy_overwrite] [gfal_http_exists] [gfal_http_access][davix2gliberr] Failure (Neon): Server certificate verification failed: certificate has expired after 1 attempts']	78006	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) (.*?) (.*?) (.*?) ', 'TRANSFER ERROR: Copy failed with mode (.*?) with error: (.*?) (.*?) ', 'TRANSFER(.*?) ERROR: Copy failed with mode (.*?) with error: ', 'TRANSFER ERROR: Copy failed with mode streamed, with error: HTTP (.*?) : (.*?) ', 'TRANSFER ERROR: Copy failed with mode 3rd pull, with error: Transfer failed: failure: (.*?) to (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) ', 'TRANSFER ERROR: Copy failed with mode 3rd pull, with error: Transfer failed: Failed to select pool: diskCacheV111.services.space. SpaceAuthorizationException: Unable to reserve space: user not authorized to reserve space in any linkgroup. (failed to remove badly transferred file)']
45858	['TRANSFER globus_ftp_client: the server responded with an error 500 Command failed. : open/create : [ERROR] Server responded with an error: [3021] Unable to']	45858	['TRANSFER globus_ftp_client: the server responded with an error 500 Command failed. : open/create : [ERROR] Server responded with an error: [3021] Unable to ']	67657	['[gfalt_copy_file][perform_copy][gfal_http_copy] DESTINATION OVERWRITE [gfal_http_copy_overwrite] [gfal_http_exists][gfal_http_access][davix2gliberr] Failure (Neon): Server certificate verification failed: certificate has expired after 1 attempts']
17895	['TRANSFER Transfer canceled because the gsiftp performance marker timeout of 360 seconds has been exceeded, or all performance markers during that period indicated zero bytes transferred']	25756	['TRANSFER(.*?) ERROR: Copy failed with mode (.*?) with error: (.*?) (.*?) ', '[gfalt_copy_file][perform_copy] TRANSFER [gfal_http_copy] ERROR: Copy failed with mode 3rd pull, with error: [davix2gliberr] Error string contains not valid UTF-8 chars']	59264	['globus_ftp_client: the server responded with an error (.*?) (.*?) (.*?) ', 'globus_ftp_client: the server responded with an error (.*?) (.*?) ', 'globus_ftp_client: the server responded with an error (.*?) (.*?) (.*?) (.*?) (.*?) ', 'Could not get the destination checksum: globus_ftp_client: the server responded with an error 451 451-GlobusError: v=1 c=INTERNAL_ERROR 451-GridFTP-Errno: 22 451-GridFTP-Reason: System error in name 451-GridFTP-Error-String: Invalid argument 451 End.', 'TRANSFER globus_ftp_client: the server responded with an error 500 (.*?) failed. : (.*?) (.*?) Server responded with an error: (.*?) (.*?) (.*?) ']
17339	['globus_xio: Unable to connect to globus_xio: System error in connect: Connection refused globus_xio: A system']	22708	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) (.*?) (.*?) ', 'TRANSFER ERROR: Copy failed with mode 3rd (.*?) with error: ', 'TRANSFER(.*?) ERROR: Copy failed with mode (.*?) with error: (.*?) ']	20063	['TRANSFER Transfer canceled because the gsiftp performance marker timeout of 360 seconds has been exceeded, or all performance markers during that period indicated zero bytes transferred']
12688	['TRANSFER ERROR: Copy failed with mode 3rd push, with error: Transfer failed: failure: Too many attempts to select pool; last pool failed with Could not create MoverProtocol mover for RemoteHttpsDataTransfer-1.1:https://dynafed02.heprc.uvic.ca:8443/atlas/scratchdisk/rucio/mc16_13TeV/fe/21/AOD.11982116._000010.pool.root.1: directory not ']	17895	['TRANSFER Transfer canceled because the gsiftp performance marker timeout of 360 seconds has been exceeded, or all performance markers during that period indicated zero bytes transferred']	18442	['globus_xio: Unable to connect to globus_xio: System error in connect: Connection refused globus_xio: A system ']
11455	['Destination file exists and overwrite is not enabled']	17339	['globus_xio: Unable to connect to globus_xio: System error in connect: Connection refused globus_xio: A system call']	13939	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) Transfer failed: failure: Too many attempts to select pool; last pool ']
11202	['Error reported from srm_ifce : 2 [SE][Ls][SRM_INVALID_PATH] No']	12688	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) Transfer failed: failure: Too many attempts to select pool; last pool ']	13575	['Error on XrdCl::CopyProcess::Run(): [ERROR] Server responded with an error: (.*?) ', 'Error on XrdCl::CopyProcess::Run(): [ERROR] Server responded with an error: (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) (.*?) ', 'Error on XrdCl::CopyProcess::Run(): [ERROR] Server responded with an error: [3005] [ERROR] Server responded with an error: [3011] Unable to (.*?) (.*?) (.*?) such file ']
10191	['TRANSFER ERROR: Copy failed with mode 3rd with error: copy HTTP ']	12637	['Error on XrdCl::CopyProcess::Run(): [ERROR] Server responded with an error: (.*?) ', 'Error on XrdCl::CopyProcess::Run(): [ERROR] Server responded with an error: [3005] [ERROR] Server responded with an error: (.*?) ']	11898	['Destination file exists and overwrite is not enabled']
7580	['TRANSFER ERROR: Copy failed with mode 3rd with error: copy (Neon): Could not parse redirect ']	11455	['Destination file exists and overwrite is not enabled']	11295	['Error reported from srm_ifce : 2 [SE][Ls][SRM_INVALID_PATH] No such file or directory', 'Error reported from srm_ifce : 2 [SE][Ls][SRM_INVALID_PATH] No ']
7121	['TRANSFER ERROR: Copy failed with mode 3rd with error: copy HTTP 404 : File ']	11202	['Error reported from srm_ifce : 2 [SE][Ls][SRM_INVALID_PATH] No such file or directory', 'Error reported from srm_ifce : 2 [SE][Ls][SRM_INVALID_PATH] No ']	10006	['TRANSFER globus_ftp_client: the server responded with an error 500 500-Command failed. : (.*?) (.*?) error in (.*?) (.*?) ', 'TRANSFER globus_ftp_client: the server responded with an error 500 500-Command failed. : globus_xio: The GSI XIO driver failed to establish a connection via the underlying protocol. 500-globus_xio: Unable to connect to (.*?) 500-globus_xio: System error in connect: (.*?) (.*?) 500-globus_xio: A system call failed: (.*?) (.*?) ']
7090	['TRANSFER ERROR: Copy failed with mode 3rd pull, with error: Error string contains not valid UTF-8']	9424	['TRANSFER globus_ftp_client: the server responded with an error 500 500-Command failed. : (.*?) (.*?) error in (.*?) (.*?) ', 'TRANSFER globus_ftp_client: the server responded with an error 500 500-Command failed. : globus_xio: The GSI XIO driver failed to establish a connection via the underlying protocol. 500-globus_xio: Unable to connect to (.*?) 500-globus_xio: System error in connect: (.*?) (.*?) 500-globus_xio: A system call failed: (.*?) (.*?) ']	8367	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) copy (Neon): Could not (.*?) (.*?) (.*?) ']
		7580	['TRANSFER(.*?) ERROR: Copy failed with mode 3rd (.*?) with error:(.*?) copy (Neon): Could not parse redirect destination URL']	7918	['an end-of-file was reached globus_xio: An end of file occurred']