

Lymphocyte Data Diagnosys Script

Giménez Gredilla, Daniel

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Introduction

This document aims to present a complete descriptive statistics briefing on the specific data set it is based on. It's **not** to be a *must-read-wholly* file, as it is data-intensive and not all statistics may be needed for most variables. Even so, for the sake of complete information and critic sense, it **must** be available at the reader's discretion, in order for it to be a tool to use in judgement of anomalous results. The statistics presented in this document may be updated, extended or improved at any time it is deemed necessary and used to complement the critic appraisal of results in the wider context of this project.

1 - Data set general data

The current data set is a study on **normal**, **atypical**, and reactive lymphocytes, in which 2867 numerical variables, based on colorimetric and geometric features have been measured. The aim of the study is more thoroughly explained both in the proposal and main report for this project.

The current data set has 13074 observations for 2874 variables, of which 7 are factors and 2867 are numeric.

2 - Critic point variables

Of all variables included in the data set, 0 are potential critical point variables, and should be reviewed as such. 0 have variance zero and should be considered as constants and be treated as such. 0 of 2867 have missing values and need a further review.

Even though non-normality could be considered a critic point for a variable, the actual data set is composed of 13074 observations. A data set this large creates an artifact in which Kolmogorov-Smirnoff or Shapiro-Wilk tests tend to reject the null hypothesis of normality at a false rate, so it won't be assessed in this report.

Variance zero: no variables present variance zero.

Has NA: no variables present NA values.

3 - Total variable descriptive statistics

In this section, descriptive statistics are presented for **ALL** variables. Depending on the number of variables, this can be a long, intensive section in which specific data should be searched for. The **response variable** *tipoCelula* has 3 levels, being these ATYPICAL_LYMPHOCYTE, LYMPHOCYTE and VARIANT_LYMPHOCYTE.

The **identidad** variable is a factor variable with 11 levels, being these CLR and others (multiple or ordered levels, non-practical to enumerate). The mode is LLC with 2992 occurrences.

The **identidadnombre** variable is a factor variable with 20 levels, being these CLR and others (multiple or ordered levels, non-practical to enumerate). The mode is LLC_TIPICA_D with 2892 occurrences.

The **idtipocelulasbase** variable is a factor variable with 5 levels, being these ATYPICAL_LYMPHOCYTE and others (multiple or ordered levels, non-practical to enumerate). The mode is ATYPICAL_LYMPHOCYTE with 9199 occurrences.

The **idhistoria** variable is a factor variable with 325 levels, being these 1 and others (multiple or ordered levels, non-practical to enumerate). The mode is 139 with 200 occurrences.

The **fecha** variable is a factor variable with 419 levels, being these 2008-07-29 and others (multiple or ordered levels, non-practical to enumerate). The mode is 2015-09-17 with 379 occurrences.

The **archivos** variable is a factor variable with 13074 levels, being these 1.jpg and others (multiple or ordered levels, non-practical to enumerate). The mode is HC_9421589.jpg with 1 occurrences.

The **Hairiness** variable is a numeric variable with the following descriptive statistics: **mean** = 270.426112895824, **median** = 120, **standard deviation** = 458.423496150081, **min value** = 0, **max value** = 10464, which accounts for **range** = 10464. It has a **skewness** of 4.94767898928739, a **kurtosis** of 47.0038811433251, and a **standard error** of 4.00924529901972.

The **Area_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10947.6842588343, **median** = 9875, **standard deviation** = 4428.2860366528, **min value** = 2191, **max value** = 37151, which accounts for **range** = 34960. It has a **skewness** of 1.18371783092483, a **kurtosis** of 1.78486469330982, and a **standard error** of 38.7285667603575.

The **EquivDiameter_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 115.871388205713, **median** = 112.130461981835, **standard deviation** = 22.6469677065461, **min value** = 52.8173062784798, **max value** = 217.490510888305, which accounts for **range** = 164.673204609825. It has a **skewness** of 0.682171509781482, a **kurtosis** of 0.177813691243125, and a **standard error** of 0.198064125371086.

The **Eccentricity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.439452470520316, **median** = 0.422196222417716, **standard deviation** = 0.155310092439437, **min value** = 0.0397569802673041, **max value** = 0.936534494278864, which accounts for **range** = 0.89677751401156. It has a **skewness** of 0.495334483410642, a **kurtosis** of 0.00140874287761683, and a **standard error** of 0.00135829917801438.

The **Perimeter_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 388.504189001071, **median** = 368.5865, **standard deviation** = 96.0046824100918, **min value** = 192.836, **max value** = 1000.701, which accounts for **range** = 807.865. It has a **skewness** of 1.2187541806746, a **kurtosis** of 2.23133831668888, and a **standard error** of 0.839630439689612.

The **Solidity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.962705194634725, **median** = 0.978253337489242, **standard deviation** = 0.0369347635721036, **min value** = 0.63475952529669, **max value** = 0.993574463674992, which accounts for **range** = 0.358814938378302. It has a **skewness** of -2.41921593695221, a **kurtosis** of 7.03344690701954, and a **standard error** of 0.000323021242291171.

The **Extent_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.733968606128831, **median** = 0.751311188811189, **standard deviation** = 0.0561631393941965, **min value** = 0.386974630821658, **max value** = 0.854075774971297, which accounts for **range** = 0.467101144149639. It has a **skewness** of -1.65960991206224, a **kurtosis** of 3.12401880483133, and a **standard error** of 0.000491187307119733.

The **circularity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.903423978250541, **median** = 0.953445978335853, **standard deviation** = 0.117268037852976, **min value** = 0.277462829031803, **max value** = 1.02688364333555, which accounts for **range** = 0.749420814303747. It has a **skewness** of -1.63344601766084, a **kurtosis** of 2.2612651011415, and a **standard error** of 0.0010255938743013.

The **Elongation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.120392534670753, **median** = 0.0934955324416215, **standard deviation** = 0.0951501221151, **min value** = 0.000790621280992387, **max value** = 0.649424557297815, which accounts for **range** = 0.648633936016823. It has a **skewness** of 1.79788760518499, a **kurtosis** of 3.98076585342913, and a **standard error** of 0.000832156691345128.

The **roundnessCH_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.943159191894211, **median** = 0.971485973307487, **standard deviation** = 0.0709533936309495, **min value** = 0.526470346318008, **max value** = 1.02048278136478, which accounts for **range** = 0.494012435046772. It has a **skewness** of -1.91501464365098, a **kurtosis** of 3.97581059585131, and a **standard error** of 0.000620538786195307.

The **convexity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.9760241172169, **median** = 0.991476769534207, **standard deviation** = 0.0365991306171598, **min value** = 0.68549257727408, **max value** = 1.00326097668043, which accounts for **range** = 0.31776839940635. It has a **skewness** of -2.59552807619544, a **kurtosis** of 8.54499794650521, and a **standard error** of 0.000320085889155686.

The **circleVariance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0710566687245675, **median** = 0.0541031983918617, **standard deviation** = 0.0533686033720528, **min value** = 0.00880049653627627, **max value** = 0.462149484678138, which accounts for **range** = 0.453348988141862. It has a **skewness** of 2.04202980770255, a **kurtosis** of 5.05018627980179, and a **standard error** of 0.000466747066809597.

The **ellipVariance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.298752282888042, **median** = 0.302340006202335, **standard deviation** = 0.0450265640730014, **min value** = 0.0871255867970775, **max value** = 0.455768816077802, which accounts for **range** = 0.368643229280725. It has a **skewness** of -0.647659674096091, a **kurtosis** of 1.14139298787271, and a **standard error** of 0.000393789894839052.

The **Area_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7563.36163377696, **median** = 7181.5, **standard deviation** = 2103.80374999202, **min value** = 776, **max value** = 22322, which accounts for **range** = 21546. It has a **skewness** of 1.25006791903813, a **kurtosis** of 2.8118589314804, and a **standard error** of 18.399286610637.

The **EquivDiameter_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 97.2608923137563, **median** = 95.6230609185602, **standard deviation** = 13.050018224888, **min value** = 31.4330063263838, **max value** = 168.586040696074, which accounts for **range** = 137.15303436969. It has a **skewness** of 0.742020998548851, a **kurtosis** of 1.08455908130824, and a **standard error** of 0.114131855499669.

The **Eccentricity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.49596642429771, **median** = 0.497854343892129, **standard deviation** = 0.143979806257039, **min value** = 0.0469206947608852, **max value** = 0.925723836144528, which accounts for **range** = 0.878803141383643. It has a **skewness** of -0.0635317193569548, a **kurtosis** of -0.335006974541395, and a **standard error** of 0.00125920762403684.

The **Perimeter_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 314.839948753251, **median** = 307.409, **standard deviation** = 49.1258332567875, **min value** = 127.99, **max value** = 674.478, which accounts for **range** = 546.488. It has a **skewness** of 1.15912216674761, a **kurtosis** of 2.81192137589796, and a **standard error** of 0.429640971065587.

The **Solidity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.976413099321832, **median** = 0.982248654813428, **standard deviation** = 0.0168239261355567, **min value** = 0.701396839935883, **max value** = 0.991970942458421, which accounts for **range** = 0.290574102522538. It has a **skewness** of -3.8724961301569, a **kurtosis** of 29.9140129034735, and a **standard error** of 0.000147137411883341.

The **Extent_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.756547780381164, **median** = 0.763422348548264, **standard deviation** = 0.0365346109820528, **min value** = 0.464197530864198, **max value** = 0.852394916911046, which accounts for **range** = 0.388197386046848. It has a **skewness** of -1.34031801651166, a **kurtosis** of 3.41950600666336, and a **standard error** of 0.000319521618244793.

The **circularity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.949365214621754, **median** = 0.970118843337525, **standard deviation** = 0.0641925721859655, **min value** = 0.308341258903226, **max value** = 1.02527006086906, which accounts for **range** = 0.716928801965834. It has a **skewness** of -2.39030612306106, a **kurtosis** of 8.89551171588414, and a **standard error** of 0.000561410508907051.

The **Elongation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.148287122714336, **median** = 0.13273934018159, **standard deviation** = 0.0887382889749183, **min value** = 0.0011013823199294, **max value** = 0.621799815978548, which accounts for **range** = 0.620698433658619. It has a **skewness** of 0.967417266174189, a **kurtosis** of 1.07380157582081, and a **standard error** of 0.000776080569394004.

The **roundnessCH_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.968136512973072, **median** = 0.979529427584741, **standard deviation** = 0.0382387861249448, **min value** = 0.604472448081976, **max value** = 1.01979009954436, which accounts for **range** = 0.415317651462384. It has a **skewness** of -2.08971601764821, a **kurtosis** of 7.21763289182979, and a **standard error** of 0.000334425863419236.

The **convexity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.98960221303017, **median** = 0.996548264910526, **standard deviation** = 0.0207040742029722, **min value** = 0.650543501814299, **max value** = 1.00352771289844, which accounts for **range** = 0.352984211084141. It has a **skewness** of -4.69795642814911, a **kurtosis** of 34.9926961071612, and a **standard error** of 0.000181072115338622.

The **circleVariance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.077913418952314, **median** = 0.0672833269961925, **standard deviation** = 0.0445704347755371, **min value** = 0.0105286062255163, **max value** = 0.384776048039904, which accounts for **range** = 0.374247441814388. It has a **skewness** of 1.55336282638016, a **kurtosis** of 3.65774095448498, and a **standard error** of 0.000389800713968172.

The **ellipVariance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.257411210764964, **median** = 0.259686662538678, **standard deviation** = 0.0430839283044181, **min value** = 0.0803669209728516, **max value** = 0.395506698401353, which accounts for **range** = 0.315139777428501. It has a **skewness** of -0.439540801291938, a **kurtosis** of 0.440762794747034, and a **standard error** of 0.000376800138885639.

The **NCytratio** variable is a numeric variable with the following descriptive statistics: **mean** = 3.91718191759292, **median** = 3.00033288385615, **standard deviation** = 3.29417740672535, **min value** = 0.309101800627224, **max value** = 168.955555555556, which accounts for **range** = 168.646453754929. It has a **skewness** of 11.5401117354239, a **kurtosis** of 498.959537545527, and a **standard error** of 0.0288099658786398.

The **NCellratio** variable is a numeric variable with the following descriptive statistics: **mean** = 0.73089299830201, **median** = 0.750020803368696, **standard deviation** = 0.129596633115917, **min value** = 0.236117466555409, **max value** = 0.994116108786611, which accounts for **range** = 0.757998642231202. It has a **skewness** of -0.457538366201061, a **kurtosis** of -0.599200803940775, and a **standard error** of 0.00113341636380407.

The **CentroidDist** variable is a numeric variable with the following descriptive statistics: **mean** = 5.97671196441227, **median** = 4.0282492508389, **standard deviation** = 5.97375930204386, **min value** = 0.00504464706136872, **max value** = 85.6714696876924, which accounts for **range** = 85.666425040631. It has a **skewness** of 2.21507115868013, a **kurtosis** of 11.8062483287804, and a **standard error** of 0.052244849141314.

The **L_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 74.9545469857393, **median** = 74.0425707848775, **standard deviation** = 9.11346661574505, **min value** = 50.9570925392251, **max value** = 136.30111881392, which accounts for **range** = 85.3440262746949. It has a **skewness** of 0.449699572589369, a **kurtosis** of 0.096160156869793, and a **standard error** of 0.079703862244851.

The **L_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 17.7351689715321, **median** = 17.7183120597133, **standard deviation** = 2.96520529321637, **min value** = 4.82274700364808, **max value** = 33.5642135723387, which accounts for **range** = 28.7414665686906. It has a **skewness** of -0.0156945568948402, a **kurtosis** of 0.73158305576065, and a **standard error** of 0.0259328666228838.

The **L_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.962526530749863, **median** = 0.914859274388797, **standard deviation** = 0.357340513922088, **min value** = -0.205237871183636, **max value** = 4.53800402088328, which accounts for **range** = 4.74324189206692. It has a **skewness** of 1.28202024343772, a **kurtosis** of 4.74451041844976, and a **standard error** of 0.00312520145154687.

The **L_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.15708617641647, **median** = 0.804805767620699, **standard deviation** = 1.42879596080088, **min value** = -0.662478586267046, **max value** = 29.4509673796271, which accounts for **range** = 30.1134459658941. It has a **skewness** of 4.60854374954667, a **kurtosis** of 45.0416634126496, and a **standard error** of 0.0124958548966345.

The **L_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.01919045480321, **median** = 0.0180195185114366, **standard deviation** = 0.00515893174750734, **min value** = 0.0101489004007023, **max value** = 0.125294046659282, which accounts for **range** = 0.11514514625858. It has a **skewness** of 3.16527328654526, a **kurtosis** of 27.1885631108239, and a **standard error** of 4.51185923722504e-05.

The **L_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.9953959626952, **median** = 6.03393830681065, **standard deviation** = 0.286494606319269, **min value** = 3.73641827705083, **max value** = 6.80513395933542, which accounts for **range** = 3.06871568228459. It has a **skewness** of -0.9968193979606, a **kurtosis** of 2.05925450683257, and a **standard error** of 0.00250560270847023.

The **L_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106603927517519, **median** = 0.100632547397392, **standard deviation** = 0.0300911281191164, **min value** = 0.0482911824308382, **max value** = 0.577337816283689, which accounts for **range** = 0.529046633852851. It has a **skewness** of 2.54437162708935, a **kurtosis** of 15.222363158311, and a **standard error** of 0.00026316869655885.

The **L_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.66879324698888, **median** = 2.69109411686165, **standard deviation** = 0.198691423107486, **min value** = 1.1626328848248, **max value** = 3.27054501705563, which accounts for **range** = 2.10791213223083. It has a **skewness** of -0.923987068123981, a **kurtosis** of 2.12969668444932, and a **standard error** of

0.00173770031584164.

The **L_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.718961224847684, **median** = 0.71004224414397, **standard deviation** = 0.127989297622784, **min value** = 0.235447938249558, **max value** = 1.38991130482643, which accounts for **range** = 1.15446336657687. It has a **skewness** of 0.36838315522409, a **kurtosis** of 0.259453498129291, and a **standard error** of 0.00111935905146317.

The **L_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.748139905975332, **median** = 0.747420591560036, **standard deviation** = 0.0253284041496723, **min value** = 0.669907493922583, **max value** = 0.920663209426416, which accounts for **range** = 0.250755715503833. It has a **skewness** of 0.276742312716606, a **kurtosis** of 0.636163815830134, and a **standard error** of 0.000221515227996734.

The **L_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.766607482017029, **median** = 0.768606986146676, **standard deviation** = 0.0294111723662994, **min value** = 0.555253839355222, **max value** = 0.89783904862196, which accounts for **range** = 0.342585209266738. It has a **skewness** of -0.729524014420617, a **kurtosis** of 2.07809334571914, and a **standard error** of 0.000257221991321406.

The **L_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.56079644322333, **median** = 1.5638882037753, **standard deviation** = 0.303941363966268, **min value** = 0.477595351760196, **max value** = 3.87566020605535, which accounts for **range** = 3.39806485429515. It has a **skewness** of -0.0190819009934033, a **kurtosis** of 0.541193653857722, and a **standard error** of 0.00265818723275139.

The **L_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.81844710848387, **median** = 5.80886885245404, **standard deviation** = 0.720981947113301, **min value** = 2.77499571886874, **max value** = 8.5324991396058, which accounts for **range** = 5.75750342073706. It has a **skewness** of 0.0610823785756718, a **kurtosis** of 0.229430451166959, and a **standard error** of 0.00630550900295859.

The **L_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.51800797953065, **median** = 5.53831612101435, **standard deviation** = 1.11442704042136, **min value** = 1.57687138665121, **max value** = 14.0585649870176, which accounts for **range** = 12.4816936003664. It has a **skewness** of -0.0320538953784669, a **kurtosis** of 0.617145760299429, and a **standard error** of 0.00974647113516855.

The **L_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.15200934904225, **median** = 2.17500054546635, **standard deviation** = 0.136138977916427, **min value** = 1.00992042897955, **max value** = 2.52288969028022, which accounts for **range** = 1.51296926130067. It has a **skewness** of -1.3256675184218, a **kurtosis** of 3.47982364366434, and a **standard error** of 0.0011906339046943.

The **L_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.400344937351264, **median** = 0.397172201886975, **standard deviation** = 0.0531456735737722, **min value** = 0.203735953737904, **max value** = 0.812762813096558, which accounts for **range** = 0.609026859358654. It has a **skewness** of 0.37293596867815, a **kurtosis** of 0.495900141778963, and a **standard error** of 0.000464797384358165.

The **L_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.892127328490685, **median** = 0.892356056665953, **standard deviation** = 0.0607034442513973, **min value** = 0.493304889241873, **max value** = 1.14308875136359, which accounts for **range** = 0.649783862121717. It has a **skewness** of -0.137912547523716, a **kurtosis** of 0.385811278884415, and a **standard error** of 0.000530895559549468.

The **L_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.280255164857804, **median** = -0.278767266281153, **standard deviation** = 0.0290913802052466, **min value** = -0.469596624457197, **max value** = -0.16166415961578, which accounts for **range** = 0.307932464841417.

It has a **skewness** of -0.259217014840181, a **kurtosis** of 0.29902571400881, and a **standard error** of 0.000254425177394695.

The **L_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.753804889127789, **median** = 0.757367901632803, **standard deviation** = 0.0348549384050173, **min value** = 0.535560512553213, **max value** = 0.870457475314464, which accounts for **range** = 0.334896962761251. It has a **skewness** of -0.896555695072851, a **kurtosis** of 2.03943795625428, and a **standard error** of 0.000304831665744699.

The **L_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.901516337597605, **median** = 0.900490820531933, **standard deviation** = 0.0254092328314142, **min value** = 0.795706509473689, **max value** = 1.03677157388968, which accounts for **range** = 0.241065064415991. It has a **skewness** of 0.37488023632306, a **kurtosis** of 0.82835125052767, and a **standard error** of 0.00022222133325587.

The **L_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.220519436592139, **median** = 0.210876634206761, **standard deviation** = 0.0570769681506453, **min value** = 0.0868876535445123, **max value** = 0.75362882476552, which accounts for **range** = 0.666741171221008. It has a **skewness** of 1.41410048725812, a **kurtosis** of 4.27790168053927, and a **standard error** of 0.000499179401060533.

The **L_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.0261242224446, **median** = 10.6643944094139, **standard deviation** = 4.11902052148321, **min value** = -4.3185424720097, **max value** = 77.9687607682609, which accounts for **range** = 82.2873032402706. It has a **skewness** of 1.19108055219577, a **kurtosis** of 8.41204708174126, and a **standard error** of 0.0360238159715004.

The **L_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 118.300632383295, **median** = 115.229921131569, **standard deviation** = 37.4152932258044, **min value** = 21.2775561218598, **max value** = 807.764851839406, which accounts for **range** = 786.487295717546. It has a **skewness** of 1.43838604401035, a **kurtosis** of 13.1012019240554, and a **standard error** of 0.32722382193929.

The **L_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00526272523293061, **median** = 0.00460940904137068, **standard deviation** = 0.0101801033546135, **min value** = -0.0500614968606847, **max value** = 0.0638615551117502, which accounts for **range** = 0.113923051972435. It has a **skewness** of 0.335705902893114, a **kurtosis** of 1.42677607534629, and a **standard error** of 8.90323726004156e-05.

The **L_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.27816295363374, **median** = 2.26103590142225, **standard deviation** = 0.228943092702071, **min value** = 1.47173635980016, **max value** = 3.66817373608775, which accounts for **range** = 2.19643737628759. It has a **skewness** of 0.494659583624261, a **kurtosis** of 0.966734646080508, and a **standard error** of 0.00200227306380978.

The **L_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00757655500662093, **median** = 0.00690912473635728, **standard deviation** = 0.011123586313203, **min value** = -0.0679910193045229, **max value** = 0.0805257008801829, which accounts for **range** = 0.148516720184706. It has a **skewness** of 0.273739885106529, a **kurtosis** of 1.22683360301296, and a **standard error** of 9.72838140038281e-05.

The **L_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.62315882987912, **median** = 2.61590042390273, **standard deviation** = 0.27260577719927, **min value** = 1.50622930884122, **max value** = 4.03958859996573, which accounts for **range** = 2.53335929112451. It has a **skewness** of 0.224861618069045, a **kurtosis** of 0.670620758588099, and a **standard error** of 0.00238413484452807.

The **L_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.16804071962718e-05, **median** = 6.76161008708465e-05, **standard deviation** = 0.00167587947123787, **min value** = -0.0110068290877195, **max value** = 0.0153986044782522, which accounts for **range** =

0.0264054335659717. It has a **skewness** of -0.0796847584822688, a **kurtosis** of 3.81157463461876, and a **standard error** of 1.46567790442931e-05.

The **L_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.830910136883971, **median** = 0.84977563408901, **standard deviation** = 0.143332960206227, **min value** = 0.389151238011657, **max value** = 1.48908086017731, which accounts for **range** = 1.09992962216565. It has a **skewness** of -0.246792239392257, a **kurtosis** of -0.57445884389786, and a **standard error** of 0.00125355048710955.

The **L_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.05859267178842, **median** = 0.0469112129433268, **standard deviation** = 0.0821361555839791, **min value** = -0.452398254150229, **max value** = 0.429401179044736, which accounts for **range** = 0.881799433194965. It has a **skewness** of 0.719220054530064, a **kurtosis** of 0.957485193768447, and a **standard error** of 0.000718340134003105.

The **L_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.69046639600795, **median** = 5.6037079018522, **standard deviation** = 1.06204596308228, **min value** = 2.41148564963443, **max value** = 10.0450942674828, which accounts for **range** = 7.63360861784837. It has a **skewness** of 0.444783876507612, a **kurtosis** of 0.310379120592963, and a **standard error** of 0.00928836069832791.

The **L_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0788223267092013, **median** = 0.0651917826451378, **standard deviation** = 0.090439702657494, **min value** = -0.21943935166961, **max value** = 0.591095297033649, which accounts for **range** = 0.810534648703259. It has a **skewness** of 0.851106594000916, a **kurtosis** of 1.07586545945423, and a **standard error** of 0.000790960663599126.

The **L_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.8528477678237, **median** = 5.74266110604092, **standard deviation** = 1.11505953135518, **min value** = 2.38819095414793, **max value** = 11.0955790006016, which accounts for **range** = 8.70738804645367. It has a **skewness** of 0.493528386350882, a **kurtosis** of 0.313628531192572, and a **standard error** of 0.00975200272620693.

The **L_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.014937684356469, **median** = 0.012601742253021, **standard deviation** = 0.0170744752546156, **min value** = -0.0623059137020488, **max value** = 0.12256392303093, which accounts for **range** = 0.184869836732979. It has a **skewness** of 0.815398838281788, a **kurtosis** of 1.82667769327016, and a **standard error** of 0.000149328645286944.

The **L_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.32959921967396, **median** = 2.30993844236709, **standard deviation** = 0.292647015148265, **min value** = 1.33802831839448, **max value** = 4.25720493413515, which accounts for **range** = 2.91917661574067. It has a **skewness** of 0.523053467994017, a **kurtosis** of 0.836515350130879, and a **standard error** of 0.00255940997703838.

The **L_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 124.713469281958, **median** = 133.226864616473, **standard deviation** = 41.9683389422812, **min value** = 0, **max value** = 208.888006241577, which accounts for **range** = 208.888006241577. It has a **skewness** of -1.66322581417765, a **kurtosis** of 3.00325531924745, and a **standard error** of 0.367043502405734.

The **L_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 22.5437339783393, **median** = 23.553942975141, **standard deviation** = 8.67473079434073, **min value** = 0, **max value** = 56.7042185544285, which accounts for **range** = 56.7042185544285. It has a **skewness** of -0.897801634811436, a **kurtosis** of 1.23229895657522, and a **standard error** of 0.0758667999122062.

The **L_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.432123368895199, **median** = -0.43353950190896, **standard deviation** = 0.584759869111868, **min value** = -4.08147290344842, **max value** = 2.92274938392919, which accounts for **range** = 7.00422228737761.

It has a **skewness** of -0.0733534806880947, a **kurtosis** of 1.2869489459282, and a **standard error** of 0.00511414832786975.

The **L_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.16373037121092, **median** = -0.102132998636992, **standard deviation** = 1.38880257119245, **min value** = -1.7322336642833, **max value** = 21.5364045586844, which accounts for **range** = 23.2686382229677. It has a **skewness** of 3.52634727964463, a **kurtosis** of 24.8492950657426, and a **standard error** of 0.0121460837557003.

The **L_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0884462195361608, **median** = 0.0153356184145848, **standard deviation** = 0.253988694842111, **min value** = 0.0061442824205587, **max value** = 1, which accounts for **range** = 0.993855717579441. It has a **skewness** of 3.30250943476165, a **kurtosis** of 8.93478303630993, and a **standard error** of 0.00222131498352892.

The **L_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.74881322104768, **median** = 6.27772351822382, **standard deviation** = 1.69574955373633, **min value** = 0, **max value** = 7.43960842682342, which accounts for **range** = 7.43960842682342. It has a **skewness** of -2.77941140343835, a **kurtosis** of 6.58394466147039, and a **standard error** of 0.0148305572984994.

The **L_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.156797209300557, **median** = 0.0767789950479167, **standard deviation** = 0.240989863283788, **min value** = 0.031732155217679, **max value** = 1, which accounts for **range** = 0.968267844782321. It has a **skewness** of 3.05107304833361, a **kurtosis** of 7.81351201875624, and a **standard error** of 0.00210763079247931.

The **L_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.6563301020947, **median** = 2.90753763131632, **standard deviation** = 0.844599280606842, **min value** = 0, **max value** = 3.62487961045388, which accounts for **range** = 3.62487961045388. It has a **skewness** of -2.16561509256629, a **kurtosis** of 4.24340573787681, and a **standard error** of 0.00738663206350973.

The **L_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.13940606284195, **median** = 0.920615015070181, **standard deviation** = 1.19483697684468, **min value** = 0, **max value** = 27.09444444444444, which accounts for **range** = 27.09444444444444. It has a **skewness** of 5.94376270156424, a **kurtosis** of 68.3963909730958, and a **standard error** of 0.0104497142331055.

The **L_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.730749131060526, **median** = 0.713928927525447, **standard deviation** = 0.114234437455462, **min value** = 0.27333152958153, **max value** = 1, which accounts for **range** = 0.72666847041847. It has a **skewness** of 0.476283504152352, a **kurtosis** of 0.763657921045021, and a **standard error** of 0.00099906284298424.

The **L_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.742981671638205, **median** = 0.807661818177557, **standard deviation** = 0.225629458694482, **min value** = -0.242821465589316, **max value** = 0.981202256091535, which accounts for **range** = 1.22402372168085. It has a **skewness** of -2.72096276216132, a **kurtosis** of 6.18731009230902, and a **standard error** of 0.00197329293587313.

The **L_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.44347595896369, **median** = 2.39993411546501, **standard deviation** = 1.25741780252036, **min value** = 0, **max value** = 8.66957519428691, which accounts for **range** = 8.66957519428691. It has a **skewness** of 0.263401204709976, a **kurtosis** of 0.434579707913885, and a **standard error** of 0.0109970288521338.

The **L_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.48491988959663, **median** = 10.1354821940669, **standard deviation** = 2.64635025018367, **min value** = 2, **max value** = 15.2960656990069, which accounts for **range** = 13.2960656990069. It has a **skewness** of -1.50995746478024, a **kurtosis** of 2.08457117374244, and a **standard error** of 0.0231442484715815.

The **L_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.72641511648373, **median** = 8.56994270553889, **standard deviation** = 4.44846497044058, **min value** = 0, **max value** = 31.9809771165592, which accounts for **range** = 31.9809771165592. It has a **skewness** of 0.268276805091867, a **kurtosis** of 0.584667625532151, and a **standard error** of 0.0389050461426477.

The **L_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.14991495181594, **median** = 2.35128142202712, **standard deviation** = 0.645830325297757, **min value** = 0, **max value** = 2.69204801439097, which accounts for **range** = 2.69204801439097. It has a **skewness** of -2.60890877775102, a **kurtosis** of 5.94923796339783, and a **standard error** of 0.00564825367244422.

The **L_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.525534536497048, **median** = 0.479781826581914, **standard deviation** = 0.350197415859112, **min value** = 0, **max value** = 4.8348224852071, which accounts for **range** = 4.8348224852071. It has a **skewness** of 2.54904803534299, a **kurtosis** of 15.8191765545756, and a **standard error** of 0.00306272988852722.

The **L_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.911594001225257, **median** = 0.975048824603966, **standard deviation** = 0.319799114351286, **min value** = 0, **max value** = 1.62848769840492, which accounts for **range** = 1.62848769840492. It has a **skewness** of -1.43290772410186, a **kurtosis** of 2.24170116601696, and a **standard error** of 0.00279687473833978.

The **L_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.322897787876934, **median** = -0.319490354601098, **standard deviation** = 0.124303678417222, **min value** = -0.965563906222956, **max value** = 0, which accounts for **range** = 0.965563906222956. It has a **skewness** of 0.49270797358553, a **kurtosis** of 2.27707877254005, and a **standard error** of 0.00108712564371253.

The **L_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.764199855630143, **median** = 0.817781038459902, **standard deviation** = 0.218040294806884, **min value** = 0, **max value** = 0.979661739762812, which accounts for **range** = 0.979661739762812. It has a **skewness** of -3.04522382052966, a **kurtosis** of 7.89130185000946, and a **standard error** of 0.00190692020433695.

The **L_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.78438229167607, **median** = 0.870392937710468, **standard deviation** = 0.249323788187241, **min value** = 0, **max value** = 1.07152083630787, which accounts for **range** = 1.07152083630787. It has a **skewness** of -2.35322445446621, a **kurtosis** of 4.53671764624276, and a **standard error** of 0.00218051699818682.

The **L_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.239192086014592, **median** = 0.164535943558686, **standard deviation** = 0.229037281180009, **min value** = 0.054735003983005, **max value** = 1, which accounts for **range** = 0.945264996016995. It has a **skewness** of 2.5859921330256, a **kurtosis** of 5.85682747288112, and a **standard error** of 0.00200309681022672.

The **L_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -8.76124985743813, **median** = -8.98463734566802, **standard deviation** = 16.6966953165183, **min value** = -120.249735589996, **max value** = 131.092060274684, which accounts for **range** = 251.34179586468. It has a **skewness** of 0.61864264465953, a **kurtosis** of 4.7744031005128, and a **standard error** of 0.146024686276115.

The **L_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 244.406146142575, **median** = 218.818351134141, **standard deviation** = 169.816287387066, **min value** = 0, **max value** = 1611.0552552584, which accounts for **range** = 1611.0552552584. It has a **skewness** of 1.31213059519534, a **kurtosis** of 3.57506323125033, and a **standard error** of 1.48516635299313.

The **L_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0269697695980393, **median** = 0.00400149006563549, **standard deviation** = 0.235989465616883, **min value** = -5.54006877207819, **max value** = 5.87051622840003, which accounts for **range** = 11.4105850004782. It has a **skewness** of 1.03474042711133, a **kurtosis** of 112.606366696951, and a **standard error** of 0.00206389869539522.

The **L_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.48603721689619, **median** = 2.42618026280424, **standard deviation** = 1.22081717705353, **min value** = 0, **max value** = 12.7860528097976, which accounts for **range** = 12.7860528097976. It has a **skewness** of 0.556988846660664, a **kurtosis** of 2.87406281756536, and a **standard error** of 0.0106769298894356.

The **L_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0175576554267924, **median** = 0, **standard deviation** = 0.275042346994719, **min value** = -8.30388071893249, **max value** = 6.69772810760886, which accounts for **range** = 15.0016088265414.

It has a **skewness** of -1.54330664244443, a **kurtosis** of 232.988665139947, and a **standard error** of 0.00240544441107555.

The **L_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.68044793597812, **median** = 2.63582154030677, **standard deviation** = 1.32026089388082, **min value** = 0, **max value** = 14.4106640824781, which accounts for **range** = 14.4106640824781. It has a **skewness** of 0.619065329130445, a **kurtosis** of 3.64409017967693, and a **standard error** of 0.0115466371744138.

The **L_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000330546973742232, **median** = 0, **standard deviation** = 0.0370839369256608, **min value** = -0.543303875914717, **max value** = 0.682099474888099, which accounts for **range** = 1.22540335080282. It has a **skewness** of 0.545878854588276, a **kurtosis** of 74.7497189290847, and a **standard error** of 0.000324325871245644.

The **L_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.788631738007809, **median** = 0.766644211729563, **standard deviation** = 0.390957529889994, **min value** = 0, **max value** = 4.81824084760678, which accounts for **range** = 4.81824084760678. It has a **skewness** of 0.775346558584783, a **kurtosis** of 4.36602833053045, and a **standard error** of 0.00341920658952146.

The **L_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.467099045257032, **median** = 0.11091637188595, **standard deviation** = 2.02644626634871, **min value** = -25.2033464354809, **max value** = 35.29378038385, which accounts for **range** = 60.4971268193309. It has a **skewness** of 3.01558202411529, a **kurtosis** of 47.4809089866738, and a **standard error** of 0.0177227394217481.

The **L_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.6209355555223, **median** = 7.5859688397597, **standard deviation** = 3.70190115584772, **min value** = 0, **max value** = 34.6674892549871, which accounts for **range** = 34.6674892549871. It has a **skewness** of 0.377518186185149, a **kurtosis** of 1.88736648110929, and a **standard error** of 0.0323758051914057.

The **L_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.463578735498528, **median** = 0.114282358870263, **standard deviation** = 1.88007777153538, **min value** = -23.3982672080796, **max value** = 41.9727879584691, which accounts for **range** = 65.3710551665487. It has a **skewness** of 4.2231431750826, a **kurtosis** of 74.6689522485715, and a **standard error** of 0.0164426409872586.

The **L_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.71088828254035, **median** = 7.71508566717675, **standard deviation** = 3.75490042464645, **min value** = 0, **max value** = 31.0181861282544, which accounts for **range** = 31.0181861282544. It has a **skewness** of 0.379010698347064, a **kurtosis** of 1.89003424390844, and a **standard error** of 0.0328393221600325.

The **L_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0627051227413273, **median** = 0.00653201438814196, **standard deviation** = 0.455500815140672, **min value** = -8.37260516441465, **max value** = 11.4865258190865, which accounts for **range** = 19.8591309835012. It has a **skewness** of 2.00733487198074, a **kurtosis** of 98.9823669726172, and a **standard error** of 0.0039836843380395.

The **L_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.77243571166641, **median** = 2.75003914406637, **standard deviation** = 1.35242984840174, **min value** = 0, **max value** = 13.2137565259034, which accounts for **range** = 13.2137565259034. It has a **skewness** of 0.48180674557118, a **kurtosis** of 2.47376646464005, and a **standard error** of 0.01182797796687.

The **L_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 87.3916367768574, **median** = 84.0481937746362, **standard deviation** = 18.1694354643775, **min value** = 53.0281808035714, **max value** = 166.933353248693, which accounts for **range** = 113.905172445122. It has a **skewness** of 0.815533522779648, a **kurtosis** of 0.304639130886172, and a **standard error** of 0.158904864897128.

The **L_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

29.4853658461323, **median** = 28.4355048978207, **standard deviation** = 9.08428869209192, **min value** = 8.33835171966883, **max value** = 65.397654447328, which accounts for **range** = 57.0593027276592. It has a **skewness** of 0.557797431442585, a **kurtosis** of 0.0172549960110664, and a **standard error** of 0.0794486801823609.

The **L_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.05331745317568, **median** = 1.03692189306258, **standard deviation** = 0.581307800886327, **min value** = -0.998765351417913, **max value** = 5.52914494098664, which accounts for **range** = 6.52791029240455. It has a **skewness** of 0.398331044102174, a **kurtosis** of 0.967755917788592, and a **standard error** of 0.00508395749249292.

The **L_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00825716168606, **median** = 0.503770238857091, **standard deviation** = 2.39231732171402, **min value** = -1.79470066126211, **max value** = 37.0311899105002, which accounts for **range** = 38.8258905717623. It has a **skewness** of 2.56057140718791, a **kurtosis** of 15.3827345078182, and a **standard error** of 0.0209225466329616.

The **L_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0147424543572559, **median** = 0.0133321851342345, **standard deviation** = 0.00580389420834657, **min value** = 0.00555320970573264, **max value** = 0.104856997120137, which accounts for **range** = 0.0993037874144044. It has a **skewness** of 1.95334719712403, a **kurtosis** of 9.60540999185798, and a **standard error** of 5.07592559418099e-05.

The **L_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.46788700182065, **median** = 6.53553341310941, **standard deviation** = 0.426749038769587, **min value** = 4.13974506402493, **max value** = 7.55356457612506, which accounts for **range** = 3.41381951210013. It has a **skewness** of -0.687365063105308, a **kurtosis** of 0.102206318957849, and a **standard error** of 0.00373222924199334.

The **L_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.109816429668379, **median** = 0.101674638605454, **standard deviation** = 0.0382814674577017, **min value** = 0.0472768124197605, **max value** = 0.546053389368347, which accounts for **range** = 0.498776576948587. It has a **skewness** of 1.90373619923466, a **kurtosis** of 8.14928022982308, and a **standard error** of 0.000334799142568643.

The **L_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.69623228512191, **median** = 2.73037318715045, **standard deviation** = 0.256717644579581, **min value** = 1.10349135835138, **max value** = 3.2844216757001, which accounts for **range** = 2.18093031734872. It has a **skewness** of -0.820862791213301, a **kurtosis** of 1.01697440865908, and a **standard error** of 0.00224518162430562.

The **L_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.646422104009911, **median** = 0.649139972183577, **standard deviation** = 0.141825407514726, **min value** = 0.19384041858524, **max value** = 1.16873540301075, which accounts for **range** = 0.97489498442551. It has a **skewness** of 0.0337701721829103, a **kurtosis** of -0.09093829219989, and a **standard error** of 0.00124036584759569.

The **L_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.777605220305808, **median** = 0.775859050709031, **standard deviation** = 0.0329981784264395, **min value** = 0.681862077594872, **max value** = 0.911593306154421, which accounts for **range** = 0.229731228559549. It has a **skewness** of 0.322008260393575, a **kurtosis** of 0.156032883719865, and a **standard error** of 0.000288592955735202.

The **L_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.849473990780636, **median** = 0.856398198671467, **standard deviation** = 0.0715917458826899, **min value** = 0.421349138294896, **max value** = 0.984962136368623, which accounts for **range** = 0.563612998073727. It has a **skewness** of -0.562057733093405, a **kurtosis** of 0.248450521880963, and a **standard error** of 0.000626121638701564.

The **L_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.61964798326024, **median** = 2.43782370958396, **standard deviation** = 1.15583199033812, **min value** = 0.323549688465695, **max value** = 7.1595777508578, which accounts for **range** = 6.8360280623921. It has a **skewness** of 0.741895962997094, a **kurtosis** of 0.208058455394794, and a **standard error** of 0.0101085873927426.

The **L_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.0280272914727, **median** = 5.86283056635039, **standard deviation** = 1.24307024320584, **min value** = 2.51794742577377, **max value** = 11.3912106858931, which accounts for **range** = 8.87326326011933. It has a **skewness** of 0.496328625862208, a **kurtosis** of -0.114270367535954, and a **standard error** of 0.0108715490605933.

The **L_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.8657163782511, **median** = 9.08011971785687, **standard deviation** = 4.64989314513916, **min value** = 0.990552119551499, **max value** = 28.1307817354581, which accounts for **range** = 27.1402296159066. It has a **skewness** of 0.79316984937552, a **kurtosis** of 0.272699579867718, and a **standard error** of 0.0406666813321233.

The **L_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.24075005518069, **median** = 2.27968004406385, **standard deviation** = 0.214944965376186, **min value** = 0.93034647782447, **max value** = 2.6478566934047, which accounts for **range** = 1.71751021558023. It has a **skewness** of -0.900549170109078, a **kurtosis** of 0.820862684697711, and a **standard error** of 0.00187984930794276.

The **L_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.393665883352824, **median** = 0.39814037044735, **standard deviation** = 0.0635247606181959, **min value** = 0.158902487272395, **max value** = 0.618500898071877, which accounts for **range** = 0.459598410799482. It has a **skewness** of -0.202006511541064, a **kurtosis** of -0.173240340886305, and a **standard error** of 0.000555570013358291.

The **L_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.855693352143134, **median** = 0.864392907498579, **standard deviation** = 0.0775461428656018, **min value** = 0.489697661260342, **max value** = 1.07299046347555, which accounts for **range** = 0.583292802215208. It has a **skewness** of -0.535903341626293, a **kurtosis** of 0.320817718149064, and a **standard error** of 0.000678197150346851.

The **L_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.366464734769729, **median** = -0.351466637325966, **standard deviation** = 0.0852490545797596, **min value** = -0.708979055541362, **max value** = -0.139441492212171, which accounts for **range** = 0.569537563329191. It has a **skewness** of -0.679843099118401, a **kurtosis** of -0.0525169137289478, and a **standard error** of 0.000745564688961496.

The **L_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.823368826835187, **median** = 0.828963685557223, **standard deviation** = 0.0714365608897844, **min value** = 0.435405554573114, **max value** = 0.958172102258698, which accounts for **range** = 0.522766547685584. It has a **skewness** of -0.530658784869692, a **kurtosis** of 0.0736044287501847, and a **standard error** of 0.000624764433609527.

The **L_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.930735942676747, **median** = 0.931265549182195, **standard deviation** = 0.055668346809452, **min value** = 0.604316458572832, **max value** = 1.0787413237402, which accounts for **range** = 0.474424865167368. It has a **skewness** of -0.225524708573008, a **kurtosis** of -0.161394507923109, and a **standard error** of 0.000486859987815561.

The **L_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.229554909131772, **median** = 0.220233906079142, **standard deviation** = 0.0658511457360841, **min value** = 0.08334838866827, **max value** = 0.72732662518756, which accounts for **range** = 0.64397823651929. It has a **skewness** of 1.11513890223957, a **kurtosis** of 2.6626573860339, and a **standard error** of

0.00057591593514444.

The **L_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 24.7911747995335, **median** = 23.9459096005982, **standard deviation** = 14.2927721969801, **min value** = -97.7418661298843, **max value** = 94.1995328393307, which accounts for **range** = 191.941398969215. It has a **skewness** of -0.29925874778052, a **kurtosis** of 3.14047974192607, and a **standard error** of 0.125000638540442.

The **L_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 314.535739300545, **median** = 293.209885742747, **standard deviation** = 165.244335562835, **min value** = 11.2528897434076, **max value** = 1201.99201816123, which accounts for **range** = 1190.73912841782. It has a **skewness** of 0.674802842309604, a **kurtosis** of 0.32674188134536, and a **standard error** of 1.44518132492939.

The **L_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000380792571145543, **median** = -5.63850837728337e-05, **standard deviation** = 0.012714992489823, **min value** = -0.0818329010847321, **max value** = 0.0622812208725454, which accounts for **range** = 0.144114121957277. It has a **skewness** of -0.0443882435084072, a **kurtosis** of 3.09804480460224, and a **standard error** of 0.000111201812941553.

The **L_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.50474909187541, **median** = 2.52038635178539, **standard deviation** = 0.338223077122252, **min value** = 1.27726644763811, **max value** = 4.21101548919475, which accounts for **range** = 2.93374904155664. It has a **skewness** of -0.0703357431579792, a **kurtosis** of 0.712611499928361, and a **standard error** of 0.00295800562877003.

The **L_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000827283954800336, **median** = -0.000514654252334525, **standard deviation** = 0.0136287348249973, **min value** = -0.0959436037896119, **max value** = 0.0748917651072343, which accounts for **range** = 0.170835368896846. It has a **skewness** of -0.0428679013872049, a **kurtosis** of 3.23261958442251, and a **standard error** of 0.000119193151065752.

The **L_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.80642499379238, **median** = 2.82980838351851, **standard deviation** = 0.38356572119627, **min value** = 1.32839545572277, **max value** = 4.41462565887795, which accounts for **range** = 3.08623020315518. It has a **skewness** of -0.239082538877818, a **kurtosis** of 0.415276841950305, and a **standard error** of 0.00335455987200926.

The **L_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000140797571574883, **median** = -7.83948800313977e-05, **standard deviation** = 0.00172299163322271, **min value** = -0.0158216843197317, **max value** = 0.0179930577078648, which accounts for **range** = 0.0338147420275965. It has a **skewness** of -0.0433229606184906, a **kurtosis** of 9.27307667980069, and a **standard error** of 1.506880900251e-05.

The **L_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.863985580004549, **median** = 0.877500959502146, **standard deviation** = 0.168874271673135, **min value** = 0.35804831782581, **max value** = 1.73192383538241, which accounts for **range** = 1.3738755175566. It has a **skewness** of -0.0476727994069437, a **kurtosis** of -0.310605540773039, and a **standard error** of 0.0014769277437063.

The **L_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0698667628700562, **median** = -0.0603210426450946, **standard deviation** = 0.0730014679356617, **min value** = -0.561595226557283, **max value** = 0.21382705603653, which accounts for **range** = 0.775422282593813. It has a **skewness** of -0.844601600706911, a **kurtosis** of 1.85984405766681, and a **standard error** of 0.00063845067846778.

The **L_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.43781660378902, **median** = 6.39858183591043, **standard deviation** = 1.0510800369152, **min value** = 2.49271675611241, **max value** = 10.4640564616914, which accounts for **range** = 7.97133970557899.

It has a **skewness** of 0.201600653288179, a **kurtosis** of 0.0396465834033561, and a **standard error** of 0.00919245573642265.

The **L_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0781420565950763, **median** = -0.0674346639371001, **standard deviation** = 0.078174634132793, **min value** = -0.566612161605376, **max value** = 0.417608924869853, which accounts for **range** = 0.984221086475229. It has a **skewness** of -0.824393066660876, a **kurtosis** of 1.55075471119579, and a **standard error** of 0.000683693761405453.

The **L_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.60595685385864, **median** = 6.55310537015461, **standard deviation** = 1.11527649140224, **min value** = 2.48359189959966, **max value** = 10.8441062937357, which accounts for **range** = 8.36051439413604. It has a **skewness** of 0.222461972216821, a **kurtosis** of 0.0345010119883322, and a **standard error** of 0.00975390019886275.

The **L_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00902819197323255, **median** = -0.006965246788367, **standard deviation** = 0.01469378131665, **min value** = -0.142463695123642, **max value** = 0.0793867420993181, which accounts for **range** = 0.22185043722296. It has a **skewness** of -0.94865905559327, a **kurtosis** of 4.03055249544076, and a **standard error** of 0.000128507753558331.

The **L_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.55266874921696, **median** = 2.56603103833638, **standard deviation** = 0.377437956708909, **min value** = 1.1663540743344, **max value** = 3.87535626375364, which accounts for **range** = 2.7090008563202. It has a **skewness** of -0.154188674631211, a **kurtosis** of 0.159122723250566, and a **standard error** of 0.00330096813604727.

The **a_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 163.267681953867, **median** = 163.282929520241, **standard deviation** = 1.49223024793741, **min value** = 156.774395630873, **max value** = 172.918053296635, which accounts for **range** = 16.143657665762. It has a **skewness** of 0.0912456107284096, a **kurtosis** of 1.0161841663126, and a **standard error** of 0.0130506336539073.

The **a_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.01201888352806, **median** = 5.8636925845124, **standard deviation** = 1.24896662416968, **min value** = 2.63944988497525, **max value** = 12.0268908654884, which accounts for **range** = 9.38744098051315. It has a **skewness** of 0.616362510059858, a **kurtosis** of 0.413798141480065, and a **standard error** of 0.0109231171801575.

The **a_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.741653078029925, **median** = -0.747389419211004, **standard deviation** = 0.32537358062379, **min value** = -2.92538941497115, **max value** = 1.03387952927954, which accounts for **range** = 3.95926894425069. It has a **skewness** of -0.44508729434443, a **kurtosis** of 3.38762330398136, and a **standard error** of 0.00284562748091356.

The **a_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.66388740433696, **median** = 1.3797544330638, **standard deviation** = 1.36499021330274, **min value** = -0.281056376799235, **max value** = 24.7239240062182, which accounts for **range** = 25.0049803830174. It has a **skewness** of 5.15179422442924, a **kurtosis** of 47.3616806741739, and a **standard error** of 0.0119378274496216.

The **a_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0543994611599713, **median** = 0.053605297324101, **standard deviation** = 0.0113135054404567, **min value** = 0.027568428101257, **max value** = 0.157054883959452, which accounts for **range** = 0.129486455858195. It has a **skewness** of 0.578889885699832, a **kurtosis** of 0.969920585590667, and a **standard error** of 9.89447942426916e-05.

The **a_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.52518559696238, **median** = 4.51799865739857, **standard deviation** = 0.283608916757931, **min value**

= 3.43252822738797, **max value** = 5.4338444434258, which accounts for **range** = 2.00131621603783. It has a **skewness** of 0.00746314694033515, a **kurtosis** of -0.287208142223987, and a **standard error** of 0.00248036526447928.

The **a_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.14510772966893, **median** = 0.138972588117743, **standard deviation** = 0.0359932689513341, **min value** = 0.0665219593143003, **max value** = 0.526926871380653, which accounts for **range** = 0.460404912066353. It has a **skewness** of 1.89788520747572, a **kurtosis** of 8.49521778935298, and a **standard error** of 0.000314787190341233.

The **a_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.40641391788705, **median** = 2.42465737666761, **standard deviation** = 0.203937159299918, **min value** = 1.16263219804079, **max value** = 3.02019136320177, which accounts for **range** = 1.85755916516098. It has a **skewness** of -0.698586959575257, a **kurtosis** of 1.28900466973636, and a **standard error** of 0.00178357807591728.

The **a_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.695759791054337, **median** = 0.693420473869772, **standard deviation** = 0.12389961696449, **min value** = 0.232382807570634, **max value** = 1.28726345367667, which accounts for **range** = 1.05488064610604. It has a **skewness** of 0.138715363193833, a **kurtosis** of 0.137232389284841, and a **standard error** of 0.00108359183383262.

The **a_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.764638270321208, **median** = 0.762948886093032, **standard deviation** = 0.0248908158003346, **min value** = 0.675324860362512, **max value** = 0.912168697309535, which accounts for **range** = 0.236843836947023. It has a **skewness** of 0.543397481837054, a **kurtosis** of 1.05104238317806, and a **standard error** of 0.000217688201137899.

The **a_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.62855236921743, **median** = 0.630549132830255, **standard deviation** = 0.0456744592617531, **min value** = 0.425854344488481, **max value** = 0.78432947964026, which accounts for **range** = 0.358475135151779. It has a **skewness** of -0.316099307839273, a **kurtosis** of -0.0643753939569027, and a **standard error** of 0.000399456207237032.

The **a_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.948730281892715, **median** = 0.940133306459771, **standard deviation** = 0.209023701577834, **min value** = 0.239415323114291, **max value** = 2.34589787806408, which accounts for **range** = 2.10648255494979. It has a **skewness** of 0.276644047616253, a **kurtosis** of 0.261269706176832, and a **standard error** of 0.00182806356997957.

The **a_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.2191263405627, **median** = 11.2544210187987, **standard deviation** = 0.792962124925683, **min value** = 7.57033966480515, **max value** = 13.8766378611632, which accounts for **range** = 6.30629819635805. It has a **skewness** of -0.315478574496564, a **kurtosis** of 0.324222792172173, and a **standard error** of 0.00693502776004781.

The **a_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.11242074902035, **median** = 3.07195014220834, **standard deviation** = 0.736219894756321, **min value** = 0.73225229735457, **max value** = 8.12776528518041, which accounts for **range** = 7.39551298782584. It has a **skewness** of 0.333385241535141, a **kurtosis** of 0.28912978724945, and a **standard error** of 0.00643877588493029.

The **a_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.89616224349263, **median** = 1.90886519564545, **standard deviation** = 0.137544929990418, **min value** = 0.986358798925593, **max value** = 2.29843030334393, which accounts for **range** = 1.31207150441834. It has a **skewness** of -0.764608526174585, a **kurtosis** of 1.56297149753232, and a **standard error** of 0.00120292997326547.

The **a_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

0.411962605656136, **median** = 0.410742244834335, **standard deviation** = 0.0561735590710634, **min value** = 0.192160804861001, **max value** = 0.730864556845683, which accounts for **range** = 0.538703751984682. It has a **skewness** of 0.158442976328081, a **kurtosis** of 0.248036058681484, and a **standard error** of 0.000491278434736111.

The **a_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.884314918167131, **median** = 0.888019356963587, **standard deviation** = 0.0620759320115727, **min value** = 0.51337827936017, **max value** = 1.10479434111321, which accounts for **range** = 0.59141606175304. It has a **skewness** of -0.457799938413106, a **kurtosis** of 0.8544980191313, and a **standard error** of 0.000542898958473514.

The **a_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.203959023222932, **median** = -0.202031840582124, **standard deviation** = 0.0268485920396929, **min value** = -0.389128483922463, **max value** = -0.118455331536962, which accounts for **range** = 0.270673152385501. It has a **skewness** of -0.431469515147444, a **kurtosis** of 0.661471088609322, and a **standard error** of 0.000234810371467514.

The **a_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.635035249709118, **median** = 0.635379270790904, **standard deviation** = 0.0423893944586054, **min value** = 0.45613986688898, **max value** = 0.771071346599228, which accounts for **range** = 0.314931479710248. It has a **skewness** of -0.137616827305813, a **kurtosis** of -0.211124758307402, and a **standard error** of 0.000370725937672745.

The **a_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.847247694222987, **median** = 0.851465104438079, **standard deviation** = 0.0503489672452692, **min value** = 0.484236631384013, **max value** = 1.0494202663141, which accounts for **range** = 0.565183634930087. It has a **skewness** of -0.483777648254992, a **kurtosis** of 1.5050551892436, and a **standard error** of 0.000440338163147962.

The **a_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.280494368649264, **median** = 0.272309255051363, **standard deviation** = 0.0606905893537912, **min value** = 0.118910228066909, **max value** = 0.716426846236192, which accounts for **range** = 0.597516618169283. It has a **skewness** of 1.08994049355527, a **kurtosis** of 2.71661159962915, and a **standard error** of 0.000530783134165015.

The **a_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -3.81390532485559, **median** = -3.5967981729789, **standard deviation** = 2.1464042922405, **min value** = -39.0061881275801, **max value** = 3.99503048008866, which accounts for **range** = 43.0012186076688. It has a **skewness** of -1.13774109319973, a **kurtosis** of 7.65424992138519, and a **standard error** of 0.0187718591885693.

The **a_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 42.925293739878, **median** = 40.540059739346, **standard deviation** = 17.0850405557711, **min value** = 5.52877735816015, **max value** = 349.184168802781, which accounts for **range** = 343.655391444621. It has a **skewness** of 1.36955950879383, a **kurtosis** of 9.76881641480051, and a **standard error** of 0.149421046493135.

The **a_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00293233728652633, **median** = -0.00233318885558857, **standard deviation** = 0.00513452709509569, **min value** = -0.035456314714729, **max value** = 0.0246850594247717, which accounts for **range** = 0.0601413741395007. It has a **skewness** of -0.618476242078912, a **kurtosis** of 2.01495346082451, and a **standard error** of 4.49051560218509e-05.

The **a_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.19013793828127, **median** = 1.19542788920856, **standard deviation** = 0.321313559858518, **min value** = 0.547302920343222, **max value** = 2.31766962304734, which accounts for **range** = 1.77036670270412. It has a **skewness** of 0.230463287190597, a **kurtosis** of -1.08631482542058, and a **standard error** of 0.00281011966051651.

The **a_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00294574937673079, **median** = -0.00244009779197015, **standard deviation** = 0.00549848568981753, **min value** = -0.0359865471646993, **max value** = 0.0260435067390549, which accounts for **range** = 0.0620300539037542. It has a **skewness** of -0.337230704261197, a **kurtosis** of 1.42884585187652, and a **standard error** of 4.80882373804222e-05.

The **a_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.23447368943529, **median** = 1.24856512811029, **standard deviation** = 0.331750721215821, **min value** = 0.576042031487147, **max value** = 2.41439365696122, which accounts for **range** = 1.83835162547407. It has a **skewness** of 0.221949656195456, a **kurtosis** of -1.05707994717141, and a **standard error** of 0.00290140019141927.

The **a_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -2.04837000547909e-05, **median** = -1.51023810213776e-05, **standard deviation** = 0.000700953109011708, **min value** = -0.0150151018878619, **max value** = 0.00465663147259092, which accounts for **range** = 0.0196717333604528. It has a **skewness** of -0.860623664053508, a **kurtosis** of 19.8065647591899, and a **standard error** of 6.13034231608932e-06.

The **a_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.390344609621164, **median** = 0.362051871118873, **standard deviation** = 0.106404226361193, **min value** = 0.217885171450899, **max value** = 0.78667297732553, which accounts for **range** = 0.568787805874631. It has a **skewness** of 0.786522063871855, a **kurtosis** of -0.372062709024757, and a **standard error** of 0.000930581979146161.

The **a_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0376842655931722, **median** = -0.0339191385531403, **standard deviation** = 0.0354290213923806, **min value** = -0.21057570020911, **max value** = 0.102837983788788, which accounts for **range** = 0.313413683997898. It has a **skewness** of -0.559307774542807, a **kurtosis** of 0.496594653503108, and a **standard error** of 0.000309852437013325.

The **a_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52279016854704, **median** = 2.46613237975025, **standard deviation** = 0.467135555927666, **min value** = 1.02200432629097, **max value** = 4.81863353222152, which accounts for **range** = 3.79662920593055. It has a **skewness** of 0.761031879625801, a **kurtosis** of 0.896845544250143, and a **standard error** of 0.0040854385679106.

The **a_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0409639133399558, **median** = -0.0374873039266171, **standard deviation** = 0.035460264721043, **min value** = -0.200144930102234, **max value** = 0.0722033512769221, which accounts for **range** = 0.272348281379156. It has a **skewness** of -0.50643130838998, a **kurtosis** of 0.412089276315111, and a **standard error** of 0.000310125682537644.

The **a_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.59937569944078, **median** = 2.53910718037058, **standard deviation** = 0.486185931235116, **min value** = 1.19432670381644, **max value** = 5.05932254971232, which accounts for **range** = 3.86499584589588. It has a **skewness** of 0.769117877551214, a **kurtosis** of 0.947420366962835, and a **standard error** of 0.00425204788939476.

The **a_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00678697984863543, **median** = -0.00607798107571431, **standard deviation** = 0.0066449217929588, **min value** = -0.0526843332450603, **max value** = 0.0289712565716797, which accounts for **range** = 0.08165558981674. It has a **skewness** of -0.714568941903177, a **kurtosis** of 1.72144629888958, and a **standard error** of 5.81146509385109e-05.

The **a_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00937067647355, **median** = 0.993127439274562, **standard deviation** = 0.18432179669917, **min value** = 0.415774514554169, **max value** = 2.07547673407679, which accounts for **range** = 1.65970221952262. It has a **skewness** of 0.484300213950246, a **kurtosis** of 0.327512649890668, and a **standard error** of

0.00161202753159293.

The **a_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 136.770827561081, **median** = 146.445609861591, **standard deviation** = 38.3996027072423, **min value** = 0, **max value** = 175.321428571429, which accounts for **range** = 175.321428571429. It has a **skewness** of -3.21380058865954, a **kurtosis** of 8.58727264810163, and a **standard error** of 0.335832320836876.

The **a_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10.3066236398802, **median** = 10.8041528584141, **standard deviation** = 4.37650754864087, **min value** = 0, **max value** = 25.4069317212287, which accounts for **range** = 25.4069317212287. It has a **skewness** of -0.612393842736762, a **kurtosis** of 0.256472206015525, and a **standard error** of 0.0382757264033611.

The **a_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.482657543855389, **median** = 0.400410829572983, **standard deviation** = 0.679873536010857, **min value** = -2.75449274620863, **max value** = 5.00461883084287, which accounts for **range** = 7.7591115770515. It has a **skewness** of 1.15336572577616, a **kurtosis** of 4.17473053043925, and a **standard error** of 0.00594598619196225.

The **a_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.746439446839587, **median** = 0, **standard deviation** = 2.70676995993009, **min value** = -1.67078215621788, **max value** = 38.0841591257632, which accounts for **range** = 39.7549412819811. It has a **skewness** of 5.14874046651937, a **kurtosis** of 41.432198297805, and a **standard error** of 0.0236726625675065.

The **a_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106783505160027, **median** = 0.0320224746674919, **standard deviation** = 0.249373904925103, **min value** = 0.0164270104724166, **max value** = 1, which accounts for **range** = 0.983572989527583. It has a **skewness** of 3.28013025686248, a **kurtosis** of 8.84179108839475, and a **standard error** of 0.00218095530533592.

The **a_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.78273703081659, **median** = 5.24624965130445, **standard deviation** = 1.43567818646789, **min value** = 0, **max value** = 6.07834604558272, which accounts for **range** = 6.07834604558272. It has a **skewness** of -2.59540857269882, a **kurtosis** of 5.93767693900923, and a **standard error** of 0.0125560449417216.

The **a_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.174001943264009, **median** = 0.084823380544167, **standard deviation** = 0.242988685671265, **min value** = 0.0303311888848346, **max value** = 1, which accounts for **range** = 0.969668811115165. It has a **skewness** of 2.80841167253589, a **kurtosis** of 6.68422625381318, and a **standard error** of 0.00212511194108506.

The **a_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.57580672611762, **median** = 2.85412367708473, **standard deviation** = 0.853713331306887, **min value** = 0, **max value** = 3.65833037215748, which accounts for **range** = 3.65833037215748. It has a **skewness** of -1.92768251855463, a **kurtosis** of 3.24993404751305, and a **standard error** of 0.00746634103399457.

The **a_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.26529533804249, **median** = 0.994108789725942, **standard deviation** = 1.35986786227238, **min value** = 0, **max value** = 31.348544973545, which accounts for **range** = 31.348544973545. It has a **skewness** of 6.21468390762184, a **kurtosis** of 73.1520875432734, and a **standard error** of 0.0118930287820993.

The **a_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.726017629804242, **median** = 0.714059987278016, **standard deviation** = 0.116059863322216, **min value** = 0.284945436507936, **max value** = 1, which accounts for **range** = 0.715054563492064. It has a **skewness** of 0.428470182127176, a **kurtosis** of 0.838567882177757, and a **standard error** of 0.00101502751350495.

The **a_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.675597532572421, **median** = 0.734502144623677, **standard deviation** = 0.206986650734505, **min value** = -0.311682735031507, **max value** = 0.97999608902899, which accounts for **range** = 1.29168234393441. It has a **skewness** of -2.66232922443503, a **kurtosis** of 5.93223361085763, and a **standard error** of 0.00181024808585612.

The **a_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.96913143782098, **median** = 1.89146875235837, **standard deviation** = 1.14121026363586, **min value** = 0, **max value** = 7.70858869254856, which accounts for **range** = 7.70858869254856. It has a **skewness** of 0.515288175485231, a **kurtosis** of 0.473342594769924, and a **standard error** of 0.00998070980894319.

The **a_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.91951503647993, **median** = 8.17196948856165, **standard deviation** = 2.14920090462134, **min value** = 2, **max value** = 14.3449557688688, which accounts for **range** = 12.3449557688688. It has a **skewness** of -1.15622060003479, a **kurtosis** of 1.89176370069277, and a **standard error** of 0.0187963175881392.

The **a_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.81038112441247, **median** = 6.56149834005899, **standard deviation** = 3.94623809271476, **min value** = 0, **max value** = 29.6322328247304, which accounts for **range** = 29.6322328247304. It has a **skewness** of 0.518552745194225, a **kurtosis** of 0.539046280152095, and a **standard error** of 0.0345127085651158.

The **a_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.0335189499824, **median** = 2.2498785941369, **standard deviation** = 0.642031300920328, **min value** = 0, **max value** = 2.67367403685644, which accounts for **range** = 2.67367403685644. It has a **skewness** of -2.24421056197571, a **kurtosis** of 4.43014524905636, and a **standard error** of 0.00561502845437843.

The **a_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.583917879990357, **median** = 0.531288526440702, **standard deviation** = 0.385079528088519, **min value** = 0, **max value** = 6.29841820987654, which accounts for **range** = 6.29841820987654. It has a **skewness** of 3.06883110992744, a **kurtosis** of 23.4331682223913, and a **standard error** of 0.00336779920903571.

The **a_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.94362521396215, **median** = 1.00407095743768, **standard deviation** = 0.320648525716556, **min value** = 0, **max value** = 1.69751352173423, which accounts for **range** = 1.69751352173423. It has a **skewness** of -1.61076594076652, a **kurtosis** of 2.84140822349229, and a **standard error** of 0.00280430345556685.

The **a_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.269229507823286, **median** = -0.268388035227542, **standard deviation** = 0.104720866279234, **min value** = -0.935630097471044, **max value** = 0, which accounts for **range** = 0.935630097471044. It has a **skewness** of -0.111781531946519, a **kurtosis** of 4.95332342303521, and a **standard error** of 0.000915859776746345.

The **a_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.708514763628512, **median** = 0.752492385304816, **standard deviation** = 0.205867744432235, **min value** = 0, **max value** = 0.974224450371942, which accounts for **range** = 0.974224450371942. It has a **skewness** of -2.84269965771752, a **kurtosis** of 7.17912562492297, and a **standard error** of 0.00180046244033381.

The **a_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.750049546090056, **median** = 0.839138845199522, **standard deviation** = 0.243401295321935, **min value** = 0, **max value** = 1.08806074607684, which accounts for **range** = 1.08806074607684. It has a **skewness** of -2.22397238365529, a **kurtosis** of 4.01609854239752, and a **standard error** of 0.00212872051114347.

The **a_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.267812593289622, **median** = 0.180586742991729, **standard deviation** = 0.236026341416581, **min value** = 0.0579254325390678, **max value** = 1, which accounts for **range** = 0.942074567460932. It has a **skewness** of 2.1529507881767, a **kurtosis** of 3.92468549326264, and a **standard error** of 0.00206422120095574.

The **a_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.64629232182954, **median** = 5.68702904028325, **standard deviation** = 11.3026980509096, **min value** = -92.3882925740252, **max value** = 92.3236261707814, which accounts for **range** = 184.711918744807. It has a **skewness** of -0.883277074579298, a **kurtosis** of 7.26329027328864, and a **standard error** of 0.098850275798283.

The **a_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 162.290393624157, **median** = 134.562560244252, **standard deviation** = 129.310613557625, **min value**

= 0, **max value** = 1163.03378389561, which accounts for **range** = 1163.03378389561. It has a **skewness** of 1.59148312484779, a **kurtosis** of 4.14355529741332, and a **standard error** of 1.13091491573446.

The **a_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0114776975067492, **median** = -0.000358786100171636, **standard deviation** = 0.141668102625594, **min value** = -3.88646277658908, **max value** = 4.78230559879628, which accounts for **range** = 8.66876837538536. It has a **skewness** of 1.68985839949769, a **kurtosis** of 230.026421451908, and a **standard error** of 0.00123899010247668.

The **a_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.55635403380068, **median** = 1.49307789354188, **standard deviation** = 0.813722014370586, **min value** = 0, **max value** = 9.24789572119915, which accounts for **range** = 9.24789572119915. It has a **skewness** of 0.670343137230477, a **kurtosis** of 2.68201375808057, and a **standard error** of 0.00711658802007842.

The **a_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.010378642759853, **median** = 0, **standard deviation** = 0.160852958070004, **min value** = -6.72737106661953, **max value** = 4.48275260570725, which accounts for **range** = 11.2101236723268. It has a **skewness** of -4.49027988818523, a **kurtosis** of 387.09586791827, and a **standard error** of 0.00140677555010062.

The **a_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.5805869369421, **median** = 1.52222587400196, **standard deviation** = 0.832831503128056, **min value** = 0, **max value** = 9.58694271427263, which accounts for **range** = 9.58694271427263. It has a **skewness** of 0.816623328019213, a **kurtosis** of 3.96869678225024, and a **standard error** of 0.00728371433147166.

The **a_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.30721190048306e-05, **median** = 0, **standard deviation** = 0.0177445626821077, **min value** = -0.328254532165981, **max value** = 0.37799660330215, which accounts for **range** = 0.706251135468131. It has a **skewness** of 1.71310756493613, a **kurtosis** of 102.647964687508, and a **standard error** of 0.000155189044876335.

The **a_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.434702461035238, **median** = 0.406378913028816, **standard deviation** = 0.221598572601737, **min value** = 0, **max value** = 2.79116050313926, which accounts for **range** = 2.79116050313926. It has a **skewness** of 0.940836865586515, a **kurtosis** of 4.63386521650981, and a **standard error** of 0.00193803991927616.

The **a_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.248338183804287, **median** = -0.0576491596164894, **standard deviation** = 0.971163771148756, **min value** = -17.7745355253148, **max value** = 10.9830261343432, which accounts for **range** = 28.757561659658. It has a **skewness** of -3.70747012778954, a **kurtosis** of 47.6599321696775, and a **standard error** of 0.00849353014571857.

The **a_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.81113008246262, **median** = 3.7893697661423, **standard deviation** = 1.88118580773387, **min value** = 0, **max value** = 16.4976628303794, which accounts for **range** = 16.4976628303794. It has a **skewness** of 0.348583228040673, a **kurtosis** of 1.56298605146699, and a **standard error** of 0.0164523315658551.

The **a_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.233667989198638, **median** = -0.0578022112261263, **standard deviation** = 0.97365354865142, **min value** = -23.8856055850037, **max value** = 12.4692096916138, which accounts for **range** = 36.3548152766175. It has a **skewness** of -4.26740013231864, a **kurtosis** of 82.0528974271786, and a **standard error** of 0.0085153050521795.

The **a_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.80669314105285, **median** = 3.80325741678682, **standard deviation** = 1.88201305974196, **min value** = 0, **max value** = 15.8155409513805, which accounts for **range** = 15.8155409513805. It has a **skewness** of 0.362809288257244, a **kurtosis** of 1.58779215813996, and a **standard error** of 0.0164595664834638.

The **a_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= -0.0275286826734513, **median** = -0.00331087084013521, **standard deviation** = 0.201285438532109, **min value** = -4.19288937418507, **max value** = 4.17285508750903, which accounts for **range** = 8.3657444616941. It has a **skewness** of -0.743578021543931, a **kurtosis** of 89.7252586402441, and a **standard error** of 0.00176038685838166.

The **a_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.32982950658403, **median** = 1.31186236398778, **standard deviation** = 0.676594827369397, **min value** = 0, **max value** = 6.15594635720959, which accounts for **range** = 6.15594635720959. It has a **skewness** of 0.706070947121223, a **kurtosis** of 3.2507296181453, and a **standard error** of 0.00591731151163277.

The **a_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 160.269066811365, **median** = 160.868021512912, **standard deviation** = 2.83504578653607, **min value** = 147.110470500373, **max value** = 170.253012048193, which accounts for **range** = 23.14254154782. It has a **skewness** of -0.936073655937903, a **kurtosis** of 0.787660335118103, and a **standard error** of 0.0247945275223289.

The **a_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.55924916715765, **median** = 9.5916506308142, **standard deviation** = 2.38678468331566, **min value** = 3.23810615637535, **max value** = 16.0132409500664, which accounts for **range** = 12.7751347936911. It has a **skewness** of -0.0591711073340695, a **kurtosis** of -0.744574013967491, and a **standard error** of 0.0208741597054239.

The **a_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.957820394896402, **median** = -1.01361169071134, **standard deviation** = 0.536597634876755, **min value** = -2.73094662555356, **max value** = 1.12501000418314, which accounts for **range** = 3.8559566297367. It has a **skewness** of 0.373005100887393, a **kurtosis** of -0.288023248936138, and a **standard error** of 0.00469293472774007.

The **a_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.71065084592764, **median** = 1.35941934316295, **standard deviation** = 2.39268544946746, **min value** = -1.70199027247083, **max value** = 14.8533040286229, which accounts for **range** = 16.5552943010937. It has a **skewness** of 0.96762499132063, a **kurtosis** of 1.19639900981272, and a **standard error** of 0.020925766176631.

The **a_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0402214673471034, **median** = 0.0384667885553849, **standard deviation** = 0.0117349257725643, **min value** = 0.020846866318929, **max value** = 0.10444890236368, which accounts for **range** = 0.083602036044751. It has a **skewness** of 0.672815569495912, a **kurtosis** of 0.0142285550089403, and a **standard error** of 0.000102630420087795.

The **a_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.03037457248485, **median** = 5.07186737714135, **standard deviation** = 0.35323807610968, **min value** = 3.69103835074695, **max value** = 5.72417325591035, which accounts for **range** = 2.0331349051634. It has a **skewness** of -0.461008781952613, a **kurtosis** of -0.567047639188627, and a **standard error** of 0.00308932266336946.

The **a_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.154068839765219, **median** = 0.144981452250452, **standard deviation** = 0.0536519663159483, **min value** = 0.060431201165024, **max value** = 0.483270095494092, which accounts for **range** = 0.422838894329068. It has a **skewness** of 1.01118299367794, a **kurtosis** of 1.31916805039478, and a **standard error** of 0.000469225280863349.

The **a_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.43512486494953, **median** = 2.46561055284295, **standard deviation** = 0.278823168661851, **min value** = 1.30651609003536, **max value** = 3.11561387715008, which accounts for **range** = 1.80909778711472. It has a **skewness** of -0.421196588255738, a **kurtosis** of -0.345966265791263, and a **standard error** of 0.00243851043326395.

The **a_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

0.616547645953442, **median** = 0.615511914018581, **standard deviation** = 0.106407939342782, **min value** = 0.254452559385166, **max value** = 1.07897832250929, which accounts for **range** = 0.824525763124124. It has a **skewness** of 0.133589040015269, a **kurtosis** of 0.12520775510078, and a **standard error** of 0.000930614451857759.

The **a_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.791373869555443, **median** = 0.790404278768762, **standard deviation** = 0.0258513603422932, **min value** = 0.702384872908772, **max value** = 0.90760613817615, which accounts for **range** = 0.205221265267378. It has a **skewness** of 0.253283164759355, a **kurtosis** of 0.248683926219926, and a **standard error** of 0.00022608858437727.

The **a_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.749706584715261, **median** = 0.752525515545807, **standard deviation** = 0.0890296118545814, **min value** = 0.455117576230246, **max value** = 0.958617374485891, which accounts for **range** = 0.503499798255645. It has a **skewness** of -0.142834251120648, a **kurtosis** of -0.546890495994638, and a **standard error** of 0.000778628398847763.

The **a_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.43528490839651, **median** = 1.33529400941176, **standard deviation** = 0.626809816462209, **min value** = 0.318909268173543, **max value** = 4.36124941337037, which accounts for **range** = 4.04234014519683. It has a **skewness** of 0.765794154941888, a **kurtosis** of 0.178717713773419, and a **standard error** of 0.00548190555487539.

The **a_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 11.129239110761, **median** = 11.3229376322158, **standard deviation** = 0.989173902375635, **min value** = 6.6101689575808, **max value** = 13.6533646691417, which accounts for **range** = 7.0431957115609. It has a **skewness** of -0.841202434889932, a **kurtosis** of 0.618273939057967, and a **standard error** of 0.00865104177974802.

The **a_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.12537588437968, **median** = 4.67954833929896, **standard deviation** = 2.47694213933226, **min value** = 0.96331468387149, **max value** = 16.964550302207, which accounts for **range** = 16.0012356183355. It has a **skewness** of 0.854807804131776, a **kurtosis** of 0.364102798255938, and a **standard error** of 0.0216626519178471.

The **a_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.98140647887673, **median** = 1.99716423742731, **standard deviation** = 0.228921856202303, **min value** = 1.10549306875616, **max value** = 2.46984675644455, which accounts for **range** = 1.36435368768839. It has a **skewness** of -0.31609380848689, a **kurtosis** of -0.61882488716041, and a **standard error** of 0.00200208733524749.

The **a_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.393469069959436, **median** = 0.395235651650354, **standard deviation** = 0.0494300142088637, **min value** = 0.208297051687289, **max value** = 0.637072738515048, which accounts for **range** = 0.428775686827759. It has a **skewness** of -0.0551552262741677, a **kurtosis** of 0.0651585770690413, and a **standard error** of 0.000432301253669783.

The **a_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.842606853561913, **median** = 0.846962956579838, **standard deviation** = 0.0613006830673746, **min value** = 0.5444594511388, **max value** = 1.04476787982671, which accounts for **range** = 0.50030842868791. It has a **skewness** of -0.403316094475261, a **kurtosis** of 0.410227495486211, and a **standard error** of 0.000536118845300434.

The **a_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.294847290616638, **median** = -0.278959261304262, **standard deviation** = 0.0722141333502487, **min value** = -0.572716015117122, **max value** = -0.136857406441294, which accounts for **range** = 0.435858608675828. It has a **skewness** of -0.914900991507025, a **kurtosis** of 0.562366838908801, and a **standard error** of 0.000631564867614207.

The **a_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.737435314095695, **median** = 0.735034252347931, **standard deviation** = 0.0853161399109775, **min value** = 0.491520208210523, **max value** = 0.91511457180695, which accounts for **range** = 0.423594363596427. It has a **skewness** of 0.0116655162692061, a **kurtosis** of -0.811356435674345, and a **standard error** of 0.000746151398742032.

The **a_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.932536090546553, **median** = 0.934165979929892, **standard deviation** = 0.0745825258562567, **min value** = 0.567345247021659, **max value** = 1.11349608759608, which accounts for **range** = 0.546150840574421. It has a **skewness** of -0.204599463575289, a **kurtosis** of -0.434121922300181, and a **standard error** of 0.000652278174416085.

The **a_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.3011528413591, **median** = 0.292721040109984, **standard deviation** = 0.0883848222848818, **min value** = 0.114237931095725, **max value** = 0.680846670239112, which accounts for **range** = 0.566608739143387. It has a **skewness** of 0.551966490084932, a **kurtosis** of 0.0232209057427224, and a **standard error** of 0.000772989247336364.

The **a_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -8.82671564787366, **median** = -9.15993368296613, **standard deviation** = 5.6076986122136, **min value** = -28.7154221776952, **max value** = 37.7840982650091, which accounts for **range** = 66.4995204427043. It has a **skewness** of 0.713637027794602, a **kurtosis** of 2.87453902711875, and a **standard error** of 0.0490433834394394.

The **a_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 98.9384709163055, **median** = 95.1079716675495, **standard deviation** = 50.5753960893807, **min value** = 7.15925216232472, **max value** = 410.417230376828, which accounts for **range** = 403.257978214503. It has a **skewness** of 0.717500570044574, a **kurtosis** of 0.867044705425718, and a **standard error** of 0.442318447287934.

The **a_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000162332023905242, **median** = 0.000183035769992587, **standard deviation** = 0.00561775713707233, **min value** = -0.035123066031213, **max value** = 0.0398095422016424, which accounts for **range** = 0.0749326082328554. It has a **skewness** of 0.00212813654316639, a **kurtosis** of 3.62034895489909, and a **standard error** of 4.913135252009e-05.

The **a_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.35890486130069, **median** = 1.34502543873205, **standard deviation** = 0.345193244451845, **min value** = 0.551689419706713, **max value** = 2.53614016816798, which accounts for **range** = 1.98445074846127. It has a **skewness** of 0.160510853432966, a **kurtosis** of -1.07381531199552, and a **standard error** of 0.00301896478735207.

The **a_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000235989423234173, **median** = 3.15854405301883e-05, **standard deviation** = 0.00587772372801812, **min value** = -0.0342857059391332, **max value** = 0.0340210066017493, which accounts for **range** = 0.0683067125408825. It has a **skewness** of -0.28905101550096, a **kurtosis** of 3.52763744689354, and a **standard error** of 5.14049485320849e-05.

The **a_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.39906963387864, **median** = 1.40107166478426, **standard deviation** = 0.355495120010401, **min value** = 0.583422795565005, **max value** = 2.67386234682939, which accounts for **range** = 2.09043955126438. It has a **skewness** of 0.158483547829523, a **kurtosis** of -0.962824337659521, and a **standard error** of 0.00310906214601954.

The **a_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.73168396638074e-05, **median** = 2.1482704914356e-05, **standard deviation** = 0.000703700755552383, **min value** = -0.00558686256360068, **max value** = 0.00648293558184412, which accounts for **range** = 0.0120697981454448. It has a **skewness** of 0.375032842674317, a **kurtosis** of 7.45719831186785, and a

standard error of 6.15437247394354e-06.

The **a_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.419104850599842, **median** = 0.392560204150023, **standard deviation** = 0.11650432491012, **min value** = 0.199803715346849, **max value** = 0.848922239710139, which accounts for **range** = 0.64911852436329. It has a **skewness** of 0.753719262031277, a **kurtosis** of -0.301032003996793, and a **standard error** of 0.00101891465181018.

The **a_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0323500627605567, **median** = 0.0295079580023525, **standard deviation** = 0.03082592116242, **min value** = -0.0815271505804242, **max value** = 0.2278745515347, which accounts for **range** = 0.309401702115124. It has a **skewness** of 0.610320430542859, a **kurtosis** of 1.25316912599873, and a **standard error** of 0.000269594993595014.

The **a_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.98388649051145, **median** = 2.945242054644, **standard deviation** = 0.505994261851317, **min value** = 1.3264791944893, **max value** = 5.17277582503276, which accounts for **range** = 3.84629663054346. It has a **skewness** of 0.41572246296095, a **kurtosis** of 0.296217043652717, and a **standard error** of 0.00442528607869217.

The **a_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0327025956265082, **median** = 0.0303229764238354, **standard deviation** = 0.0299275550966857, **min value** = -0.138993897545818, **max value** = 0.194439383632759, which accounts for **range** = 0.333433281178577. It has a **skewness** of 0.516073946284338, a **kurtosis** of 0.950996792903779, and a **standard error** of 0.000261738132077023.

The **a_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.03214556798323, **median** = 2.99063197192853, **standard deviation** = 0.522148931168096, **min value** = 1.31626886300088, **max value** = 5.54415041348389, which accounts for **range** = 4.22788155048301. It has a **skewness** of 0.488620715447521, a **kurtosis** of 0.514000180668953, and a **standard error** of 0.00456657035526055.

The **a_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0042382560836463, **median** = 0.00346777263298627, **standard deviation** = 0.00549349695651008, **min value** = -0.0236094284142534, **max value** = 0.0456496297340815, which accounts for **range** = 0.0692590581483349. It has a **skewness** of 0.86431698924963, a **kurtosis** of 2.82630075713351, and a **standard error** of 4.80446072966047e-05.

The **a_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.12848917373778, **median** = 1.12014902695085, **standard deviation** = 0.21228274202539, **min value** = 0.429332763967659, **max value** = 2.11941283331164, which accounts for **range** = 1.69008006934398. It has a **skewness** of 0.260005880401503, a **kurtosis** of 0.166648329164127, and a **standard error** of 0.00185656623771674.

The **b_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 85.8772760052815, **median** = 85.5224439732326, **standard deviation** = 2.44313847406838, **min value** = 77.866939466629, **max value** = 107.312101036447, which accounts for **range** = 29.445161569818. It has a **skewness** of 0.845292109270911, a **kurtosis** of 1.60699972677418, and a **standard error** of 0.021367014396675.

The **b_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 9.86108365864787, **median** = 9.87671479682715, **standard deviation** = 1.46739704118604, **min value** = 3.78682184459746, **max value** = 16.4430469348104, which accounts for **range** = 12.6562250902129. It has a **skewness** of -0.0945160315075215, a **kurtosis** of 0.62213027417211, and a **standard error** of 0.0128334492856024.

The **b_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.705216123400513, **median** = 0.691191507146197, **standard deviation** = 0.27375723647577, **min value** = -1.05566279311197, **max value** = 3.04243120529726, which accounts for **range** = 4.09809399840923.

It has a **skewness** of 0.417796894205899, a **kurtosis** of 1.81641280490283, and a **standard error** of 0.00239420518937316.

The **b_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.951973732677714, **median** = 0.729249123507115, **standard deviation** = 0.926233116161542, **min value** = -0.485394893535382, **max value** = 18.9872219320342, which accounts for **range** = 19.4726168255696. It has a **skewness** of 3.32600438191508, a **kurtosis** of 31.4199638297486, and a **standard error** of 0.00810057904525755.

The **b_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0328425020947218, **median** = 0.0313604977095485, **standard deviation** = 0.00699116777767018, **min value** = 0.0202240662324381, **max value** = 0.11799242663968, which accounts for **range** = 0.0977683604072419. It has a **skewness** of 2.30785742883693, a **kurtosis** of 11.6718703783357, and a **standard error** of 6.1142822701448e-05.

The **b_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.23518392192582, **median** = 5.26564016508261, **standard deviation** = 0.232049602953232, **min value** = 3.73954345982126, **max value** = 5.83763887683295, which accounts for **range** = 2.09809541701169. It has a **skewness** of -0.96064885204547, a **kurtosis** of 2.02954273136743, and a **standard error** of 0.00202944174457205.

The **b_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.123340099552202, **median** = 0.11718428897329, **standard deviation** = 0.032391552707254, **min value** = 0.0604495328453194, **max value** = 0.511999347471562, which accounts for **range** = 0.451549814626243. It has a **skewness** of 2.09943311097819, a **kurtosis** of 9.80530270040155, and a **standard error** of 0.000283287574721065.

The **b_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.54758238335407, **median** = 2.568321139054, **standard deviation** = 0.189070763638039, **min value** = 1.2133678888798, **max value** = 3.07260745180769, which accounts for **range** = 1.85923956292789. It has a **skewness** of -0.811979154177591, a **kurtosis** of 1.50979509481335, and a **standard error** of 0.00165356068496478.

The **b_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.667297190743755, **median** = 0.661080678992846, **standard deviation** = 0.115278406685421, **min value** = 0.235510644134859, **max value** = 1.22011995335048, which accounts for **range** = 0.984609309215621. It has a **skewness** of 0.242093160831895, a **kurtosis** of 0.112040781025827, and a **standard error** of 0.00100819310956674.

The **b_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.764204514140763, **median** = 0.763340023727487, **standard deviation** = 0.0256089476792306, **min value** = 0.687850383419055, **max value** = 0.916628150683438, which accounts for **range** = 0.228777767264383. It has a **skewness** of 0.32004910289064, a **kurtosis** of 0.532728144507044, and a **standard error** of 0.000223968784231304.

The **b_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.723005687384022, **median** = 0.72541226382166, **standard deviation** = 0.0317188436416178, **min value** = 0.536251614062621, **max value** = 0.84523231627034, which accounts for **range** = 0.308980702207719. It has a **skewness** of -0.47172535778506, a **kurtosis** of 0.854897170077969, and a **standard error** of 0.000277404247008458.

The **b_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.21668981157702, **median** = 1.2234667103042, **standard deviation** = 0.229935247585751, **min value** = 0.321762191495331, **max value** = 2.92712953212703, which accounts for **range** = 2.6053673406317. It has a **skewness** of -0.105145637695664, a **kurtosis** of 0.340453941579361, and a **standard error** of 0.00201095017642879.

The **b_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.96066322559219, **median** = 6.94287517559331, **standard deviation** = 0.644521667419426, **min**

value = 4.41920064236269, **max value** = 11.1178429003348, which accounts for **range** = 6.69864225797211. It has a **skewness** of 0.253561325794034, a **kurtosis** of 0.585945691972215, and a **standard error** of 0.00563680851203951.

The **b_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.2029961470317, **median** = 4.22992178785245, **standard deviation** = 0.825630365321587, **min value** = 1.05248637132414, **max value** = 10.4538135946614, which accounts for **range** = 9.40132722333726. It has a **skewness** of -0.110097125887373, a **kurtosis** of 0.363641311866727, and a **standard error** of 0.0072207351688837.

The **b_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.05004461916365, **median** = 2.07079003982522, **standard deviation** = 0.127234699565841, **min value** = 1.03147503349862, **max value** = 2.38468041280344, which accounts for **range** = 1.35320537930482. It has a **skewness** of -1.11898196843283, a **kurtosis** of 2.37699623549632, and a **standard error** of 0.00111275954524707.

The **b_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.388478984545678, **median** = 0.38651082882038, **standard deviation** = 0.0480680056356822, **min value** = 0.199034945643395, **max value** = 0.670133128248698, which accounts for **range** = 0.471098182605303. It has a **skewness** of 0.197583793320662, a **kurtosis** of 0.166625116138805, and a **standard error** of 0.000420389502821251.

The **b_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.870051148132495, **median** = 0.871765326087955, **standard deviation** = 0.0582128355766276, **min value** = 0.504593488673872, **max value** = 1.08670666432344, which accounts for **range** = 0.582113175649568. It has a **skewness** of -0.289702908029092, a **kurtosis** of 0.535313064264209, and a **standard error** of 0.000509113383886837.

The **b_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.261221193843121, **median** = -0.259439988847023, **standard deviation** = 0.0279894327130678, **min value** = -0.45476027701039, **max value** = -0.164826521127993, which accounts for **range** = 0.289933755882397. It has a **skewness** of -0.380282257622295, a **kurtosis** of 0.370344897831505, and a **standard error** of 0.000244787848942101.

The **b_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.721377856410994, **median** = 0.723868598704946, **standard deviation** = 0.0331990754754504, **min value** = 0.552439060270743, **max value** = 0.847470203697705, which accounts for **range** = 0.295031143426962. It has a **skewness** of -0.373527970234848, a **kurtosis** of 0.390167435236895, and a **standard error** of 0.000290349945846088.

The **b_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.920486574441711, **median** = 0.920397319611162, **standard deviation** = 0.0308591573192873, **min value** = 0.709517137594386, **max value** = 1.08516014146002, which accounts for **range** = 0.375643003865634. It has a **skewness** of 0.0194215840908961, a **kurtosis** of 1.26196667167896, and a **standard error** of 0.000269885667844473.

The **b_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.247007277763435, **median** = 0.237492949176546, **standard deviation** = 0.0590897937693174, **min value** = 0.109350141073131, **max value** = 0.702815012605611, which accounts for **range** = 0.59346487153248. It has a **skewness** of 1.24692413780702, a **kurtosis** of 3.1149391590695, and a **standard error** of 0.000516783018059182.

The **b_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.64216549491074, **median** = 5.520672186657, **standard deviation** = 2.44836158534184, **min value** = -5.81763579240832, **max value** = 45.7881485447837, which accounts for **range** = 51.605784337192. It has a **skewness** of 0.881367042186065, a **kurtosis** of 7.60168040078088, and a **standard error** of 0.0214126942854574.

The **b_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 66.1899960878448, **median** = 64.9887415217426, **standard deviation** = 20.3911879214478, **min value** = 12.5612548848586, **max value** = 437.718189473535, which accounts for **range** = 425.156934588676. It has a **skewness** of 1.03346655938672, a **kurtosis** of 10.1288276770999, and a **standard error** of 0.178335698327137.

The **b_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00213463965146869, **median** = 0.00163325182644265, **standard deviation** = 0.00572653914666039, **min value** = -0.0353019619279641, **max value** = 0.0411280768665257, which accounts for **range** = 0.0764300387944898. It has a **skewness** of 0.589110823119186, a **kurtosis** of 3.19787467458681, and a **standard error** of 5.00827299346893e-05.

The **b_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.50189135842398, **median** = 1.49722916956707, **standard deviation** = 0.393056493043402, **min value** = 0.58729555553029, **max value** = 2.65560701082551, which accounts for **range** = 2.06831145527248. It has a **skewness** of 0.184437587862248, a **kurtosis** of -1.23453564668777, and a **standard error** of 0.00343756354161115.

The **b_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00245849475807683, **median** = 0.00204452005540171, **standard deviation** = 0.00598507087859743, **min value** = -0.0331358626534594, **max value** = 0.0510604436120175, which accounts for **range** = 0.0841963062654769. It has a **skewness** of 0.189579625685554, a **kurtosis** of 2.24874150961929, and a **standard error** of 5.23437770660446e-05.

The **b_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.56144513266705, **median** = 1.57523208729949, **standard deviation** = 0.405865917438453, **min value** = 0.581303478473931, **max value** = 2.72950477134173, which accounts for **range** = 2.1482012928678. It has a **skewness** of 0.150467600489283, a **kurtosis** of -1.23894608595646, and a **standard error** of 0.00354959122991749.

The **b_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -1.85491954194295e-06, **median** = 1.50454187320366e-08, **standard deviation** = 0.000819862295159271, **min value** = -0.00672011750713387, **max value** = 0.0203469633124769, which accounts for **range** = 0.0270670808196108. It has a **skewness** of 1.10732887314951, a **kurtosis** of 34.6215362592546, and a **standard error** of 7.17028922015529e-06.

The **b_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.467497259877981, **median** = 0.431042833733214, **standard deviation** = 0.142674198032149, **min value** = 0.232308976532976, **max value** = 1.01600350652063, which accounts for **range** = 0.783694529987654. It has a **skewness** of 0.750503642277554, a **kurtosis** of -0.440561376997904, and a **standard error** of 0.00124778913505894.

The **b_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0387347897405255, **median** = 0.0315377788104116, **standard deviation** = 0.0494001695701847, **min value** = -0.211810023191404, **max value** = 0.282269335534175, which accounts for **range** = 0.494079358725579. It has a **skewness** of 0.821731075519448, a **kurtosis** of 1.12626707804595, and a **standard error** of 0.000432040240701797.

The **b_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.54354733087243, **median** = 3.49804520040386, **standard deviation** = 0.598664588775029, **min value** = 1.14218726115418, **max value** = 6.01834824025627, which accounts for **range** = 4.87616097910209. It has a **skewness** of 0.42676125543397, a **kurtosis** of 0.412061763513191, and a **standard error** of 0.00523575516611407.

The **b_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0467161661614061, **median** = 0.0391819092466938, **standard deviation** = 0.0495555578428584, **min value** = -0.0928081122446066, **max value** = 0.291907764927683, which accounts for **range** = 0.38471587717229. It has a **skewness** of 0.853170342223591, a **kurtosis** of 1.04974029415574, and a **standard error** of 0.00043339922362255.

The **b_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.42545707879529, **median** = 3.37395048614878, **standard deviation** = 0.574462307485328, **min value** = 1.4016343370189, **max value** = 6.06055752883663, which accounts for **range** = 4.65892319181773. It has a **skewness** of 0.475603288731431, a **kurtosis** of 0.481355848451767, and a **standard error** of 0.00502408869766037.

The **b_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00648488081984064, **median** = 0.00525633937087194, **standard deviation** = 0.00853844581463686, **min value** = -0.0387952910126495, **max value** = 0.0779648288435388, which accounts for **range** = 0.116760119856188. It has a **skewness** of 1.00278115141682, a **kurtosis** of 3.04786821291221, and a **standard error** of 7.46748891161987e-05.

The **b_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.33209272125991, **median** = 1.31713680388494, **standard deviation** = 0.243246369277979, **min value** = 0.561530305758666, **max value** = 2.50902626631621, which accounts for **range** = 1.94749596055754. It has a **skewness** of 0.36590162060285, a **kurtosis** of 0.153438919402093, and a **standard error** of 0.00212736557074744.

The **b_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 94.9511619885572, **median** = 101.984935340668, **standard deviation** = 28.5087418512982, **min value** = 0, **max value** = 132.768210511384, which accounts for **range** = 132.768210511384. It has a **skewness** of -2.53956706173345, a **kurtosis** of 5.95879330650362, and a **standard error** of 0.249329583252566.

The **b_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 13.1389683934531, **median** = 13.8350888446125, **standard deviation** = 5.11973301190707, **min value** = 0, **max value** = 29.542609726862, which accounts for **range** = 29.542609726862. It has a **skewness** of -0.901972068689827, a **kurtosis** of 0.990309952599981, and a **standard error** of 0.0447757710558198.

The **b_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.404220174029375, **median** = -0.384268106471088, **standard deviation** = 0.578706435466045, **min value** = -3.9525125083313, **max value** = 2.16849103171382, which accounts for **range** = 6.12100354004512. It has a **skewness** of -0.289805102442596, a **kurtosis** of 1.48866317909264, and a **standard error** of 0.00506120666892063.

The **b_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.227859278562612, **median** = -0.0900014294385243, **standard deviation** = 1.46542490124547, **min value** = -1.79755195254101, **max value** = 23.80715203302, which accounts for **range** = 25.604703985561. It has a **skewness** of 3.94606906224819, a **kurtosis** of 29.212315358747, and a **standard error** of 0.0128162014943086.

The **b_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0982728360590942, **median** = 0.0253122945430638, **standard deviation** = 0.251360281842361, **min value** = 0.0112746815239029, **max value** = 1, which accounts for **range** = 0.988725318476097. It has a **skewness** of 3.29753976746935, a **kurtosis** of 8.91433784261028, and a **standard error** of 0.00219832760929608.

The **b_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.10761683445953, **median** = 5.5722214426025, **standard deviation** = 1.50439713957003, **min value** = 0, **max value** = 6.57392307044883, which accounts for **range** = 6.57392307044883. It has a **skewness** of -2.7692674945629, a **kurtosis** of 6.62288745519484, and a **standard error** of 0.0131570419281153.

The **b_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.161227034891949, **median** = 0.0794904528176341, **standard deviation** = 0.240619056366112, **min value** = 0.0309927089874684, **max value** = 1, which accounts for **range** = 0.969007291012532. It has a **skewness** of 3.01861575245705, a **kurtosis** of 7.65683102571203, and a **standard error** of 0.00210438781757942.

The **b_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.61581162948585, **median** = 2.87698941019212, **standard deviation** = 0.829199593486391, **min value** = 0, **max value** = 3.62404403439805, which accounts for **range** = 3.62404403439805. It has a **skewness** of -2.20076385505757, a **kurtosis** of 4.32705657180288, and a **standard error** of 0.00725195065273443.

The **b_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.11946737971085, **median** = 0.892577043056888, **standard deviation** = 1.16747776741539, **min value** = 0, **max value** = 25.3214285714286, which accounts for **range** = 25.3214285714286. It has a **skewness** of 5.76061994366247, a **kurtosis** of 62.5406505159006, and a **standard error** of 0.0102104381429608.

The **b_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.732598443654994, **median** = 0.720752063910074, **standard deviation** = 0.112580473898897, **min value** = 0.262886904761905, **max value** = 1, which accounts for **range** = 0.737113095238095. It has a **skewness** of 0.433574619074931, a **kurtosis** of 0.922345440121674, and a **standard error** of 0.000984597734477368.

The **b_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.720689758977923, **median** = 0.785079175528403, **standard deviation** = 0.220266342764669, **min value** = -0.250759482684831, **max value** = 0.988571522847553, which accounts for **range** = 1.23933100553238. It has a **skewness** of -2.68235139330243, a **kurtosis** of 5.98812355390738, and a **standard error** of 0.00192638860502997.

The **b_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.13505401660654, **median** = 2.09947140170629, **standard deviation** = 1.09877415642601, **min value** = 0, **max value** = 8.65527777777778, which accounts for **range** = 8.65527777777778. It has a **skewness** of 0.357151911673745, a **kurtosis** of 0.892401339398849, and a **standard error** of 0.00960957533444822.

The **b_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.31535233719098, **median** = 9.87775755765162, **standard deviation** = 2.50410255328129, **min value** = 2, **max value** = 14.6479224864295, which accounts for **range** = 12.6479224864295. It has a **skewness** of -1.63514100698325, a **kurtosis** of 2.64954382769761, and a **standard error** of 0.0219001893976209.

The **b_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.52074588574247, **median** = 7.42467973470501, **standard deviation** = 3.82376093353307, **min value** = 0, **max value** = 27.8436610050262, which accounts for **range** = 27.8436610050262. It has a **skewness** of 0.320011439272765, a **kurtosis** of 0.85650828421695, and a **standard error** of 0.0334415571542253.

The **b_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.10400036690905, **median** = 2.30775191331131, **standard deviation** = 0.635149808242799, **min value** = 0, **max value** = 2.6791430242806, which accounts for **range** = 2.6791430242806. It has a **skewness** of -2.57079334082862, a **kurtosis** of 5.77934065595276, and a **standard error** of 0.00555484481981492.

The **b_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.519495683158324, **median** = 0.474487762182867, **standard deviation** = 0.351989973729518, **min value** = 0, **max value** = 10.3024305555556, which accounts for **range** = 10.3024305555556. It has a **skewness** of 4.3231392015843, a **kurtosis** of 62.4182960978728, and a **standard error** of 0.00307840710462872.

The **b_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.908344158359839, **median** = 0.966705945855911, **standard deviation** = 0.309180456264971, **min value** = 0, **max value** = 1.66386566751308, which accounts for **range** = 1.66386566751308. It has a **skewness** of -1.58574295874293, a **kurtosis** of 2.82664165870006, and a **standard error** of 0.00270400688716725.

The **b_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.305749969250178, **median** = -0.305345302186915, **standard deviation** = 0.116095268355141, **min value** = -0.999999999999999, **max value** = 0, which accounts for **range** = 0.999999999999999. It has a **skewness** of 0.407528852763459, a **kurtosis** of 3.22951937559234, and a **standard error** of 0.00101533715614546.

The **b_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.747324749055892, **median** = 0.798783143268589, **standard deviation** = 0.213583202739702, **min value** = 0, **max value** = 0.976610557779997, which accounts for **range** = 0.976610557779997. It has a **skewness** of -3.02286924803514, a **kurtosis** of 7.82398752843981, and a **standard error** of 0.00186793970798867.

The **b_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.786994628828685, **median** = 0.880011551941151, **standard deviation** = 0.253940305312669, **min value**

= 0, **max value** = 1.08681505153354, which accounts for **range** = 1.08681505153354. It has a **skewness** of -2.2608113056402, a **kurtosis** of 4.14936623823379, and a **standard error** of 0.00222089178206768.

The **b_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.244967327084445, **median** = 0.166525126127943, **standard deviation** = 0.228948214560437, **min value** = 0.0571930267473615, **max value** = 1, which accounts for **range** = 0.942806973252639. It has a **skewness** of 2.54399515633435, a **kurtosis** of 5.62633701872454, and a **standard error** of 0.0020023178581686.

The **b_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -6.50414433713494, **median** = -6.75089691263434, **standard deviation** = 12.6919433186287, **min value** = -119.649267741801, **max value** = 122.0709751417, which accounts for **range** = 241.720242883501. It has a **skewness** of 0.513136126539243, a **kurtosis** of 6.17941489183065, and a **standard error** of 0.11100023125555.

The **b_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 184.40481325761, **median** = 161.274240792177, **standard deviation** = 131.660311488084, **min value** = 0, **max value** = 1499.82170277916, which accounts for **range** = 1499.82170277916. It has a **skewness** of 1.60449061711715, a **kurtosis** of 5.47763438782142, and a **standard error** of 1.15146472494128.

The **b_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0135164809302716, **median** = 0.00145594921447563, **standard deviation** = 0.155885458810875, **min value** = -4.69286109218732, **max value** = 2.86509351006576, which accounts for **range** = 7.55795460225308. It has a **skewness** of -2.87109753351051, a **kurtosis** of 184.740692398609, and a **standard error** of 0.0013633311734057.

The **b_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.72169901894508, **median** = 1.67378393929598, **standard deviation** = 0.860418442596219, **min value** = 0, **max value** = 8.25378142675474, which accounts for **range** = 8.25378142675474. It has a **skewness** of 0.4557089694163, a **kurtosis** of 2.03574262537913, and a **standard error** of 0.00752498208564643.

The **b_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.013073350523506, **median** = 0.00114524146567921, **standard deviation** = 0.170662169007974, **min value** = -5.23560317646091, **max value** = 4.12021287174896, which accounts for **range** = 9.35581604820987. It has a **skewness** of -0.808099226073405, a **kurtosis** of 251.626163923556, and a **standard error** of 0.00149256420005078.

The **b_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.74205786122197, **median** = 1.70944162868396, **standard deviation** = 0.870608540628809, **min value** = 0, **max value** = 8.67765759078886, which accounts for **range** = 8.67765759078886. It has a **skewness** of 0.467213018468145, a **kurtosis** of 2.15701894549642, and a **standard error** of 0.00761410186894029.

The **b_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.62777776300201e-05, **median** = 0, **standard deviation** = 0.0207636710820878, **min value** = -0.54354755850867, **max value** = 0.390841190483318, which accounts for **range** = 0.934388748991988. It has a **skewness** of -3.74805698032586, a **kurtosis** of 166.257660418916, and a **standard error** of 0.000181593333185083.

The **b_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.488565835561571, **median** = 0.45525310579613, **standard deviation** = 0.258106931995266, **min value** = 0, **max value** = 2.89719724185601, which accounts for **range** = 2.89719724185601. It has a **skewness** of 1.12671805073357, a **kurtosis** of 5.75566330565613, and a **standard error** of 0.00225733194837736.

The **b_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.258664984015683, **median** = 0.058597495461027, **standard deviation** = 1.16278033400232, **min value** = -16.2781951505579, **max value** = 18.5085605010458, which accounts for **range** = 34.7867556516037. It has a **skewness** of 2.94117105960864, a **kurtosis** of 49.5764612299382, and a **standard error** of 0.010169355687574.

The **b_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= 4.44416347863254, **median** = 4.43961740012996, **standard deviation** = 2.18290300605134, **min value** = 0, **max value** = 21.0549043613066, which accounts for **range** = 21.0549043613066. It has a **skewness** of 0.399763196901462, a **kurtosis** of 2.00663764376887, and a **standard error** of 0.019091066860068.

The **b_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.247398024813875, **median** = 0.0605173235204874, **standard deviation** = 1.06932122692468, **min value** = -13.9953097970286, **max value** = 23.7647240916268, which accounts for **range** = 37.7600338886554. It has a **skewness** of 4.16202394652321, a **kurtosis** of 73.6390227393943, and a **standard error** of 0.00935198814675547.

The **b_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.29380701996867, **median** = 4.2994983717236, **standard deviation** = 2.10038234830158, **min value** = 0, **max value** = 17.6363170835445, which accounts for **range** = 17.6363170835445. It has a **skewness** of 0.355478769723286, a **kurtosis** of 1.75259988697543, and a **standard error** of 0.0183693639763072.

The **b_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.032781043918996, **median** = 0.00453553454097323, **standard deviation** = 0.237085904276838, **min value** = -4.96357800761634, **max value** = 5.41725105613781, which accounts for **range** = 10.3808290637541. It has a **skewness** of 1.42700205095603, a **kurtosis** of 101.131874361397, and a **standard error** of 0.00207348784512249.

The **b_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.55996105950635, **median** = 1.5364850995131, **standard deviation** = 0.794326289303072, **min value** = 0, **max value** = 8.01858649450458, which accounts for **range** = 8.01858649450458. It has a **skewness** of 0.789468027693028, a **kurtosis** of 4.02908536411678, and a **standard error** of 0.0069469583649646.

The **b_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 88.9155028539868, **median** = 87.3754525149484, **standard deviation** = 6.02815083958977, **min value** = 78.0648992941987, **max value** = 119.048280762702, which accounts for **range** = 40.9833814685033. It has a **skewness** of 1.18706702961768, a **kurtosis** of 1.27689352559778, and a **standard error** of 0.0527205425079144.

The **b_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 13.1981484148221, **median** = 13.0497176308832, **standard deviation** = 2.70262184247047, **min value** = 5.71415739714324, **max value** = 25.8535838834321, which accounts for **range** = 20.1394264862889. It has a **skewness** of 0.464085593918484, a **kurtosis** of 0.365992285642353, and a **standard error** of 0.0236363842777495.

The **b_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.560892855275515, **median** = 0.584236208060135, **standard deviation** = 0.316810238075833, **min value** = -1.11723215018703, **max value** = 2.17522185132598, which accounts for **range** = 3.29245400151301. It has a **skewness** of -0.342288030980037, a **kurtosis** of 0.829981115948113, and a **standard error** of 0.00277073485184323.

The **b_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.354993268775704, **median** = 0.249261413872224, **standard deviation** = 1.10916598892608, **min value** = -1.65418510223005, **max value** = 8.43549304625924, which accounts for **range** = 10.0896781484893. It has a **skewness** of 0.919464809529068, a **kurtosis** of 2.14154646777583, and a **standard error** of 0.00970045943168366.

The **b_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0254493359346713, **median** = 0.0241019291669234, **standard deviation** = 0.00648500527465944, **min value** = 0.0133580054973785, **max value** = 0.0826219831194197, which accounts for **range** = 0.0692639776220412. It has a **skewness** of 1.43526447684458, a **kurtosis** of 3.4859955840108, and a **standard error** of 5.6716065232037e-05.

The **b_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.60742984324623, **median** = 5.64807733307684, **standard deviation** = 0.265184859239555, **min value** = 4.34355474783733, **max value** = 6.33077419169561, which accounts for **range** = 1.98721944385828.

It has a **skewness** of -0.739785247815836, a **kurtosis** of 0.35913465520744, and a **standard error** of 0.00231923354541435.

The **b_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.116056753545526, **median** = 0.107255161729476, **standard deviation** = 0.0361376765885901, **min value** = 0.0598722709084673, **max value** = 0.461356703818265, which accounts for **range** = 0.401484432909798. It has a **skewness** of 1.75342596947661, a **kurtosis** of 5.72975241550486, and a **standard error** of 0.000316050139657036.

The **b_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.62780935392375, **median** = 2.66114564679713, **standard deviation** = 0.210149078317095, **min value** = 1.41142210600074, **max value** = 3.13184514905581, which accounts for **range** = 1.72042304305507. It has a **skewness** of -0.824307592216298, a **kurtosis** of 0.78641560068766, and a **standard error** of 0.00183790580415692.

The **b_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.63118987170879, **median** = 0.634152918500029, **standard deviation** = 0.106304906354552, **min value** = 0.245388102299881, **max value** = 0.971160512196623, which accounts for **range** = 0.725772409896742. It has a **skewness** of -0.11134719620591, a **kurtosis** of -0.128101261882984, and a **standard error** of 0.000929713353796304.

The **b_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.778094320599284, **median** = 0.775921288130073, **standard deviation** = 0.0266209027577347, **min value** = 0.705172598185764, **max value** = 0.905960710877359, which accounts for **range** = 0.200788112691595. It has a **skewness** of 0.502735905114307, a **kurtosis** of 0.348668248381729, and a **standard error** of 0.000232819063886218.

The **b_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.783681422651255, **median** = 0.774029342726908, **standard deviation** = 0.0665563204684521, **min value** = 0.502089906363657, **max value** = 0.975897551018502, which accounts for **range** = 0.473807644654845. It has a **skewness** of 0.37507003951147, a **kurtosis** of -0.235419017849217, and a **standard error** of 0.00058208319861256.

The **b_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.62831367500209, **median** = 1.508545593024, **standard deviation** = 0.60837485453984, **min value** = 0.42323712928328, **max value** = 5.08557506727048, which accounts for **range** = 4.6623379379872. It has a **skewness** of 1.20557062080212, a **kurtosis** of 1.73230968782696, and a **standard error** of 0.0053206784689045.

The **b_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.67276860901303, **median** = 7.57446235401494, **standard deviation** = 0.788476673847515, **min value** = 5.2444450540199, **max value** = 11.6758535136064, which accounts for **range** = 6.4314084595865. It has a **skewness** of 0.651637941835393, a **kurtosis** of 0.61158186242816, and a **standard error** of 0.00689579924362107.

The **b_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.88054996059261, **median** = 5.34340961198032, **standard deviation** = 2.44153873368815, **min value** = 1.3188893920182, **max value** = 20.08306279992, which accounts for **range** = 18.7641734079018. It has a **skewness** of 1.30461336786475, a **kurtosis** of 1.96203913645925, and a **standard error** of 0.0213530235090941.

The **b_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.152245228146, **median** = 2.17308524089907, **standard deviation** = 0.17218768952178, **min value** = 1.18888607660949, **max value** = 2.54400020009067, which accounts for **range** = 1.35511412348118. It has a **skewness** of -0.654641399313348, a **kurtosis** of 0.400252349791208, and a **standard error** of 0.00150590598117653.

The **b_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.383484307025571, **median** = 0.385407834287561, **standard deviation** = 0.0454032768594772, **min value**

= 0.193852148360213, **max value** = 0.574429817198407, which accounts for **range** = 0.380577668838194. It has a **skewness** of -0.198701033173818, a **kurtosis** of -0.00361141776127916, and a **standard error** of 0.000397084520836504.

The **b_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.853130565233844, **median** = 0.859475656779846, **standard deviation** = 0.0587031778238565, **min value** = 0.538431647529482, **max value** = 1.0055769270889, which accounts for **range** = 0.467145279559418. It has a **skewness** of -0.623741841414064, a **kurtosis** of 0.570283701579135, and a **standard error** of 0.000513401781768105.

The **b_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.319148357102928, **median** = -0.300473301844553, **standard deviation** = 0.0656973932230261, **min value** = -0.662319569223387, **max value** = -0.179487295883479, which accounts for **range** = 0.482832273339908. It has a **skewness** of -1.32246380625003, a **kurtosis** of 1.54902612619964, and a **standard error** of 0.000574571258125555.

The **b_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.78152602627504, **median** = 0.772511282802601, **standard deviation** = 0.0608777740262335, **min value** = 0.542553640589078, **max value** = 0.949503277234108, which accounts for **range** = 0.40694963664503. It has a **skewness** of 0.346054081421541, a **kurtosis** of -0.369958047127432, and a **standard error** of 0.000532420199617245.

The **b_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.947620739260566, **median** = 0.941840413119665, **standard deviation** = 0.0486798084247093, **min value** = 0.736508371381934, **max value** = 1.10617657671965, which accounts for **range** = 0.369668205337716. It has a **skewness** of 0.302947252814, a **kurtosis** of -0.125059439818787, and a **standard error** of 0.000425740161058522.

The **b_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.236676899254844, **median** = 0.22562621389726, **standard deviation** = 0.0675706704728164, **min value** = 0.105032300595383, **max value** = 0.665589190269486, which accounts for **range** = 0.560556889674103. It has a **skewness** of 1.07046560281347, a **kurtosis** of 1.78518285684348, and a **standard error** of 0.000590954423627664.

The **b_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.7549906331812, **median** = 6.51264817689174, **standard deviation** = 5.09331482740852, **min value** = -64.4695865561638, **max value** = 42.1277757123848, which accounts for **range** = 106.597362268549. It has a **skewness** of -1.27556232012545, a **kurtosis** of 15.0310599481502, and a **standard error** of 0.0445447249098457.

The **b_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 107.214900492165, **median** = 92.5655348718544, **standard deviation** = 60.2168170835381, **min value** = 8.55486355129626, **max value** = 707.490627755192, which accounts for **range** = 698.935764203896. It has a **skewness** of 1.66996586918021, a **kurtosis** of 4.42005835025339, and a **standard error** of 0.526639652726411.

The **b_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000238070845550174, **median** = -2.8149608358776e-05, **standard deviation** = 0.00654374926838519, **min value** = -0.0453504559590374, **max value** = 0.0489298413989532, which accounts for **range** = 0.0942802973579906. It has a **skewness** of 0.210087559425676, a **kurtosis** of 4.53840933994775, and a **standard error** of 5.72298239784114e-05.

The **b_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.63183299952967, **median** = 1.60914220443863, **standard deviation** = 0.397963735561216, **min value** = 0.628349760177367, **max value** = 2.75278150415736, which accounts for **range** = 2.12443174397999. It has a **skewness** of 0.0700906217234506, a **kurtosis** of -1.16844596943127, and a **standard error** of 0.00348048092948704.

The **b_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 0.000470850769167973, **median** = 1.93108851886935e-05, **standard deviation** = 0.00684984421195946, **min value** = -0.0429044752446433, **max value** = 0.0466209881380555, which accounts for **range** = 0.0895254633826988. It has a **skewness** of 0.572669650449175, a **kurtosis** of 4.79889593811229, and a **standard error** of 5.99068458236814e-05.

The **b_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.68165499491643, **median** = 1.66917561960059, **standard deviation** = 0.40671971671728, **min value** = 0.667792881170881, **max value** = 2.7712150347177, which accounts for **range** = 2.10342215354682. It has a **skewness** of 0.0343141047205261, a **kurtosis** of -1.11575145424847, and a **standard error** of 0.00355705832262476.

The **b_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -6.89387975697921e-06, **median** = -6.68046647988041e-06, **standard deviation** = 0.000816014970507542, **min value** = -0.00947170607419595, **max value** = 0.00811663915822096, which accounts for **range** = 0.0175883452324169. It has a **skewness** of -0.094959144210841, a **kurtosis** of 10.7352891647532, and a **standard error** of 7.13664158122909e-06.

The **b_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.491008584336572, **median** = 0.458696849631736, **standard deviation** = 0.149842555850473, **min value** = 0.21525427796004, **max value** = 1.02933492055755, which accounts for **range** = 0.81408064259751. It has a **skewness** of 0.705559930918692, a **kurtosis** of -0.389850931968359, and a **standard error** of 0.00131048161292311.

The **b_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0386670816062291, **median** = -0.0344717592966873, **standard deviation** = 0.0394521122767168, **min value** = -0.29015881118478, **max value** = 0.132987692860634, which accounts for **range** = 0.423146504045414. It has a **skewness** of -0.709567441175203, a **kurtosis** of 1.62543924591804, and a **standard error** of 0.000345037278870282.

The **b_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.89996094630544, **median** = 3.8874274155342, **standard deviation** = 0.609901139417336, **min value** = 1.53831970761462, **max value** = 6.30511208372476, which accounts for **range** = 4.76679237611014. It has a **skewness** of 0.102060474619901, a **kurtosis** of 0.150567574338131, and a **standard error** of 0.005334026934944.

The **b_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0395421875641493, **median** = -0.0354508876025594, **standard deviation** = 0.0378561318348161, **min value** = -0.267218221905516, **max value** = 0.283987782791591, which accounts for **range** = 0.551206004697107. It has a **skewness** of -0.582267505455761, a **kurtosis** of 1.46975764298965, and a **standard error** of 0.000331079274671643.

The **b_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.77559706279077, **median** = 3.76109388288319, **standard deviation** = 0.594211059742887, **min value** = 1.57901627726721, **max value** = 6.08673801613838, which accounts for **range** = 4.50772173887117. It has a **skewness** of 0.139280795255017, a **kurtosis** of 0.19756837564515, and a **standard error** of 0.00519680583108628.

The **b_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00428268333081147, **median** = -0.00335679202335561, **standard deviation** = 0.00709062034860732, **min value** = -0.0790805870155024, **max value** = 0.037766256703098, which accounts for **range** = 0.1168468437186. It has a **skewness** of -0.860091565537981, a **kurtosis** of 4.72196573772521, and a **standard error** of 6.20126074220257e-05.

The **b_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.4342785065911, **median** = 1.43174005462014, **standard deviation** = 0.275597911533381, **min value** = 0.549649018305697, **max value** = 2.48442929431373, which accounts for **range** = 1.93478027600803. It has a **skewness** of 0.12213273093263, a **kurtosis** of -0.116872590367878, and a **standard error** of 0.00241030322510589.

The **C_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 179.370507087477, **median** = 181.005264959404, **standard deviation** = 14.6373888936155, **min value** = 74.3191022033084, **max value** = 215.606134594842, which accounts for **range** = 141.287032391534. It has a **skewness** of -0.530674292061894, a **kurtosis** of 0.444002214312849, and a **standard error** of 0.128014560999811.

The **C_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 30.2021021953986, **median** = 30.5650786643636, **standard deviation** = 5.3016862075665, **min value** = 6.62490464112377, **max value** = 51.5738712737027, which accounts for **range** = 44.9489666325789. It has a **skewness** of -0.516224804151622, a **kurtosis** of 0.918745971773392, and a **standard error** of 0.0463670834568324.

The **C_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -1.44241265906875, **median** = -1.34997550838201, **standard deviation** = 0.514711949093423, **min value** = -5.65391145068453, **max value** = 0.122057764279693, which accounts for **range** = 5.77596921496422. It has a **skewness** of -1.2643694328725, a **kurtosis** of 3.15528181318475, and a **standard error** of 0.00450152856383367.

The **C_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.8205957457293, **median** = 2.04554301793049, **standard deviation** = 2.73345362990118, **min value** = -0.547977789708646, **max value** = 41.7292216211597, which accounts for **range** = 42.2771994108683. It has a **skewness** of 3.56223601562146, a **kurtosis** of 23.6901519590456, and a **standard error** of 0.023906030576107.

The **C_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.01397634255088, **median** = 0.0121591275163982, **standard deviation** = 0.00595880675441537, **min value** = 0.00678511534961433, **max value** = 0.115328424344639, which accounts for **range** = 0.108543308995025. It has a **skewness** of 3.35202192909235, a **kurtosis** of 21.5607068896256, and a **standard error** of 5.21140782890532e-05.

The **C_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.58805244915032, **median** = 6.67667983253418, **standard deviation** = 0.397514528097189, **min value** = 3.93683741772684, **max value** = 7.39723399495765, which accounts for **range** = 3.46039657723081. It has a **skewness** of -1.31669658338775, a **kurtosis** of 2.44491623636746, and a **standard error** of 0.00347655228505987.

The **C_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.13830949163573, **median** = 0.125565331363652, **standard deviation** = 0.052554108507085, **min value** = 0.0545437375746464, **max value** = 0.709433284295047, which accounts for **range** = 0.654889546720401. It has a **skewness** of 2.35827131557835, a **kurtosis** of 10.3444733710094, and a **standard error** of 0.000459623719651626.

The **C_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52603975188646, **median** = 2.56646690150915, **standard deviation** = 0.286160888056984, **min value** = 0.843759819891743, **max value** = 3.24970413087101, which accounts for **range** = 2.40594431097927. It has a **skewness** of -0.892447783268816, a **kurtosis** of 1.36662422327696, and a **standard error** of 0.00250268410070798.

The **C_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.723638910943837, **median** = 0.706274916447221, **standard deviation** = 0.160573427518423, **min value** = 0.19182766307245, **max value** = 1.47376822288561, which accounts for **range** = 1.28194055981316. It has a **skewness** of 0.595534508171471, a **kurtosis** of 0.737129394548904, and a **standard error** of 0.0014043308530917.

The **C_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.772309369243866, **median** = 0.771383118293016, **standard deviation** = 0.0326348162048008, **min value** = 0.673987130555147, **max value** = 0.943491710665094, which accounts for **range** = 0.269504580109947. It has a **skewness** of 0.320730337303375, a **kurtosis** of 0.430652188032512, and a

standard error of 0.000285415090090921.

The **C_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.773119949547042, **median** = 0.774563709384631, **standard deviation** = 0.028396388584684, **min value** = 0.598406808484605, **max value** = 0.887839760742622, which accounts for **range** = 0.289432952258017. It has a **skewness** of -0.492412679914368, a **kurtosis** of 1.36167086227555, and a **standard error** of 0.000248346975004698.

The **C_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.61664010937992, **median** = 1.6090032182226, **standard deviation** = 0.380874257290255, **min value** = 0.333115872325742, **max value** = 3.97886630568831, which accounts for **range** = 3.64575043336257. It has a **skewness** of 0.219879331773893, a **kurtosis** of 0.866994735896742, and a **standard error** of 0.00333102107196237.

The **C_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 12.9997237591729, **median** = 13.0548539899844, **standard deviation** = 0.937086381856632, **min value** = 7.14455082568664, **max value** = 15.6248467473657, which accounts for **range** = 8.48029592167906. It has a **skewness** of -0.303106906295293, a **kurtosis** of 0.00563297043383626, and a **standard error** of 0.00819549870978715.

The **C_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.73932478368425, **median** = 5.71963336774532, **standard deviation** = 1.38566760103949, **min value** = 1.13531511852173, **max value** = 14.8921798174349, which accounts for **range** = 13.7568646989132. It has a **skewness** of 0.204138379585244, a **kurtosis** of 0.912325611897896, and a **standard error** of 0.0121186661724964.

The **C_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.0511023722704, **median** = 2.0908400999502, **standard deviation** = 0.20654520957786, **min value** = 0.724529376875174, **max value** = 2.4952226882132, which accounts for **range** = 1.77069331133803. It has a **skewness** of -1.16033729662239, a **kurtosis** of 2.00889982097845, and a **standard error** of 0.00180638736340856.

The **C_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.444245449650638, **median** = 0.435999009302816, **standard deviation** = 0.0769950584264785, **min value** = 0.167078487796773, **max value** = 0.970007839870785, which accounts for **range** = 0.802929352074012. It has a **skewness** of 0.716183712210545, a **kurtosis** of 1.42984469384985, and a **standard error** of 0.00067337751802985.

The **C_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.895728557673814, **median** = 0.895318188526845, **standard deviation** = 0.0792008265525299, **min value** = 0.400887759474236, **max value** = 1.16043114293605, which accounts for **range** = 0.759543383461814. It has a **skewness** of -0.222728970590845, a **kurtosis** of 0.966007631270757, and a **standard error** of 0.000692668556915003.

The **C_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.299454770411601, **median** = -0.298234433267606, **standard deviation** = 0.0292788467205623, **min value** = -0.437577469448924, **max value** = -0.198100569693673, which accounts for **range** = 0.239476899755251. It has a **skewness** of -0.272570398932671, a **kurtosis** of 0.183445122364223, and a **standard error** of 0.000256064707766861.

The **C_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.758521498880825, **median** = 0.762918034684001, **standard deviation** = 0.0371192031362935, **min value** = 0.518899597934536, **max value** = 0.879773054787058, which accounts for **range** = 0.360873456852522. It has a **skewness** of -0.969131181340425, a **kurtosis** of 2.2787891045766, and a **standard error** of 0.000324634299784716.

The **C_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.871059392455935, **median** = 0.870989110638579, **standard deviation** = 0.0265189693786898, **min value** = 0.751601080807908, **max value** = 1.0161942538502, which accounts for **range** = 0.264593173042292.

It has a **skewness** of 0.0998261067234409, a **kurtosis** of 0.388622909379904, and a **standard error** of 0.00023192758270303.

The **C_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.271346588677841, **median** = 0.258636886851341, **standard deviation** = 0.0757639006943704, **min value** = 0.114856312458231, **max value** = 0.840619821847812, which accounts for **range** = 0.725763509389581. It has a **skewness** of 1.68717970839714, a **kurtosis** of 4.80577926784935, and a **standard error** of 0.000662610152501556.

The **C_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -16.6342182304646, **median** = -16.0185543471879, **standard deviation** = 5.80497180164083, **min value** = -86.8726067808211, **max value** = 2.98569506731322, which accounts for **range** = 89.8583018481343. It has a **skewness** of -1.28816903020257, a **kurtosis** of 6.39926134026168, and a **standard error** of 0.0507686802751732.

The **C_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 160.901971142594, **median** = 153.565189110284, **standard deviation** = 58.3495451903123, **min value** = 24.4259962524252, **max value** = 898.720730356759, which accounts for **range** = 874.294734104334. It has a **skewness** of 1.56859984826495, a **kurtosis** of 8.27747586025728, and a **standard error** of 0.510309008414374.

The **C_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00824285080524202, **median** = -0.00673069209265454, **standard deviation** = 0.0155025009399493, **min value** = -0.111631660056846, **max value** = 0.0623655156175585, which accounts for **range** = 0.173997175674404. It has a **skewness** of -0.70062607232116, a **kurtosis** of 1.97493608708379, and a **standard error** of 0.000135580592047561.

The **C_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.9302924179479, **median** = 3.88379516468025, **standard deviation** = 0.823635513320154, **min value** = 1.63828777738806, **max value** = 6.93699053484848, which accounts for **range** = 5.29870275746042. It has a **skewness** of 0.275950052816326, a **kurtosis** of -0.513896572171726, and a **standard error** of 0.00720328874417782.

The **C_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0111136180038811, **median** = -0.00960614644631653, **standard deviation** = 0.0166074329521257, **min value** = -0.111497990204008, **max value** = 0.0607635892721527, which accounts for **range** = 0.172261579476161. It has a **skewness** of -0.529408917377021, a **kurtosis** of 1.45153672979001, and a **standard error** of 0.000145244022287848.

The **C_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.17994917094737, **median** = 4.1351993522328, **standard deviation** = 0.838311275145604, **min value** = 1.65554170343222, **max value** = 7.52570258805989, which accounts for **range** = 5.87016088462767. It has a **skewness** of 0.250980254881969, a **kurtosis** of -0.470129935447975, and a **standard error** of 0.00733163890424239.

The **C_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -9.66119217159773e-05, **median** = -9.38388952515981e-05, **standard deviation** = 0.00280394177574136, **min value** = -0.0497018740134648, **max value** = 0.0164711321025368, which accounts for **range** = 0.0661730061160016. It has a **skewness** of -0.546437513408867, a **kurtosis** of 11.5928382801552, and a **standard error** of 2.45225004336071e-05.

The **C_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.2844116142553, **median** = 1.2432290059249, **standard deviation** = 0.301956973689582, **min value** = 0.562607354207364, **max value** = 2.65165309720348, which accounts for **range** = 2.08904574299612. It has a **skewness** of 0.493746073186512, a **kurtosis** of -0.256985223774264, and a **standard error** of 0.00264083230340105.

The **C_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.079897771351246, **median** = -0.069308254988995, **standard deviation** = 0.108367952827512, **min**

value = -0.529436514726115, **max value** = 0.71760125912935, which accounts for **range** = 1.24703777385546. It has a **skewness** of -0.497777495204011, a **kurtosis** of 0.810002203283708, and a **standard error** of 0.000947756188517554.

The **C_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 9.85740083489642, **median** = 9.77263277797993, **standard deviation** = 1.89161761268477, **min value** = 2.69207016154409, **max value** = 17.1870273351956, which accounts for **range** = 14.4949571736515. It has a **skewness** of 0.192845296862063, a **kurtosis** of 0.248046690708815, and a **standard error** of 0.0165435652511067.

The **C_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.108738307444544, **median** = -0.0955677678027785, **standard deviation** = 0.113873927542188, **min value** = -0.823937871617774, **max value** = 0.332493617318646, which accounts for **range** = 1.15643148893642. It has a **skewness** of -0.631355627274693, a **kurtosis** of 0.798966554786147, and a **standard error** of 0.000995909922841224.

The **C_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 9.53035382340807, **median** = 9.41538979666106, **standard deviation** = 1.83288168834255, **min value** = 3.20770062494389, **max value** = 17.5936301431091, which accounts for **range** = 14.3859295181652. It has a **skewness** of 0.275738944924029, a **kurtosis** of 0.272822095220405, and a **standard error** of 0.0160298770773322.

The **C_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0230922537011731, **median** = -0.0191570327455182, **standard deviation** = 0.0264706869616247, **min value** = -0.197961700631886, **max value** = 0.0849167608437705, which accounts for **range** = 0.282878461475657. It has a **skewness** of -0.826823885050831, a **kurtosis** of 1.73700416212507, and a **standard error** of 0.000231505318017059.

The **C_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.83233037187114, **median** = 3.78590533762944, **standard deviation** = 0.630135972549025, **min value** = 1.41747448557002, **max value** = 6.80668224468057, which accounts for **range** = 5.38920775911055. It has a **skewness** of 0.414671914052781, a **kurtosis** of 0.560828060148454, and a **standard error** of 0.00551099519745887.

The **C_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 100.841493957185, **median** = 103.898625535287, **standard deviation** = 47.4146094101769, **min value** = 0, **max value** = 216.73417721519, which accounts for **range** = 216.73417721519. It has a **skewness** of -0.350234367744247, a **kurtosis** of -0.241951199956816, and a **standard error** of 0.414675079874992.

The **C_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 37.1759716191512, **median** = 39.6777344509909, **standard deviation** = 13.5391778598373, **min value** = 0, **max value** = 76.5876893988465, which accounts for **range** = 76.5876893988465. It has a **skewness** of -1.29246757934744, a **kurtosis** of 1.80639477436478, and a **standard error** of 0.118409910580529.

The **C_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.199016262382482, **median** = 0.11970468487213, **standard deviation** = 0.731724264649276, **min value** = -4.48430462581143, **max value** = 5.27748824457141, which accounts for **range** = 9.76179287038284. It has a **skewness** of 0.605897391238216, a **kurtosis** of 2.79399677680341, and a **standard error** of 0.00639945834552803.

The **C_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0668078737855165, **median** = -0.53088737778638, **standard deviation** = 1.7527164668573, **min value** = -1.75160897389136, **max value** = 33.5512248295949, which accounts for **range** = 35.3028338034863. It has a **skewness** of 6.02956444403988, a **kurtosis** of 58.2005840934943, and a **standard error** of 0.0153287741886632.

The **C_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0842298845578127, **median** = 0.00954444165248811, **standard deviation** = 0.255206736254213, **min**

value = 0.00514043346051967, **max value** = 1, which accounts for **range** = 0.99485956653948. It has a **skewness** of 3.30068656991551, a **kurtosis** of 8.92682096442369, and a **standard error** of 0.00223196763734465.

The **C_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.26764331334767, **median** = 6.94301887097517, **standard deviation** = 1.88412123561272, **min value** = 0, **max value** = 7.68359712235789, which accounts for **range** = 7.68359712235789. It has a **skewness** of -2.63796555113505, a **kurtosis** of 5.91956618741673, and a **standard error** of 0.0164780040074353.

The **C_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.152947259565516, **median** = 0.0639034563520975, **standard deviation** = 0.247677905286528, **min value** = 0.0296930755827158, **max value** = 1, which accounts for **range** = 0.970306924417284. It has a **skewness** of 2.90000382628685, a **kurtosis** of 6.96794067356964, and a **standard error** of 0.00216612256086449.

The **C_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.75914967441292, **median** = 3.07208681334791, **standard deviation** = 0.883089239713707, **min value** = 0, **max value** = 3.6829118573563, which accounts for **range** = 3.6829118573563. It has a **skewness** of -2.22779171388955, a **kurtosis** of 4.15981494824561, and a **standard error** of 0.00772325461646487.

The **C_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.28313299260327, **median** = 1.07447211105703, **standard deviation** = 1.1684014265849, **min value** = 0, **max value** = 23.6666666666667, which accounts for **range** = 23.6666666666667. It has a **skewness** of 4.72761839460565, a **kurtosis** of 45.4756677777827, and a **standard error** of 0.0102185162109794.

The **C_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.720915688719659, **median** = 0.703643643246521, **standard deviation** = 0.111956897113349, **min value** = 0.277128427128427, **max value** = 1, which accounts for **range** = 0.722871572871573. It has a **skewness** of 0.740233308509212, a **kurtosis** of 1.21302824085989, and a **standard error** of 0.000979144104118036.

The **C_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.746937400419246, **median** = 0.815322644119699, **standard deviation** = 0.230089143349872, **min value** = -0.382579189637683, **max value** = 0.987762930507682, which accounts for **range** = 1.37034212014537. It has a **skewness** of -2.63887196602164, a **kurtosis** of 5.79465072947474, and a **standard error** of 0.00201229610628191.

The **C_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.91748848280698, **median** = 2.98068198937297, **standard deviation** = 1.27281120830987, **min value** = 0, **max value** = 9.55144253293543, which accounts for **range** = 9.55144253293543. It has a **skewness** of -0.283400413154399, a **kurtosis** of 0.818580610111098, and a **standard error** of 0.0111316553281233.

The **C_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.87253086082801, **median** = 8.08253308174886, **standard deviation** = 2.76918501599425, **min value** = 2, **max value** = 15.4334302849928, which accounts for **range** = 13.4334302849928. It has a **skewness** of -0.352977572551244, a **kurtosis** of -0.180503413070799, and a **standard error** of 0.0242185274112915.

The **C_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10.4468010763808, **median** = 10.6465220916429, **standard deviation** = 4.53319552366343, **min value** = 0, **max value** = 33.4393302315982, which accounts for **range** = 33.4393302315982. It has a **skewness** of -0.282587932168011, a **kurtosis** of 0.908261288324641, and a **standard error** of 0.0396460761619311.

The **C_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.20436975985396, **median** = 2.45301779581842, **standard deviation** = 0.676057264429083, **min value** = 0, **max value** = 2.70060907010056, which accounts for **range** = 2.70060907010056. It has a **skewness** of -2.52685844154444, a **kurtosis** of 5.34624798394143, and a **standard error** of 0.00591261013461025.

The **C_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.614416566044089, **median** = 0.559188611309015, **standard deviation** = 0.391050848722641, **min value** = 0, **max value** = 6.10965277777778, which accounts for **range** = 6.10965277777778. It has a **skewness** of 2.37987036157648, a **kurtosis** of 14.2348596674252, and a **standard error** of 0.00342002273026085.

The **C_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.966845408864059, **median** = 1.03394244929996, **standard deviation** = 0.326286760249128, **min value** = 0, **max value** = 1.70469923170624, which accounts for **range** = 1.70469923170624. It has a **skewness** of -1.70108194026368, a **kurtosis** of 2.99300001189756, and a **standard error** of 0.00285361389773294.

The **C_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.320776342984543, **median** = -0.320867050658916, **standard deviation** = 0.121542943969972, **min value** = -0.949999999999999, **max value** = 0, which accounts for **range** = 0.949999999999999. It has a **skewness** of 0.590694471346894, a **kurtosis** of 2.35533476476146, and a **standard error** of 0.00106298102264176.

The **C_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.769762061838894, **median** = 0.82625772040962, **standard deviation** = 0.219722121474581, **min value** = 0, **max value** = 0.974335440242853, which accounts for **range** = 0.974335440242853. It has a **skewness** of -3.04461451060186, a **kurtosis** of 7.87006176804157, and a **standard error** of 0.0019216289959191.

The **C_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.775189593276363, **median** = 0.861620127480244, **standard deviation** = 0.244453714018042, **min value** = 0, **max value** = 1.02224543874699, which accounts for **range** = 1.02224543874699. It has a **skewness** of -2.41376229934954, a **kurtosis** of 4.75471228307816, and a **standard error** of 0.0021379246744235.

The **C_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.231944172484013, **median** = 0.140760164463854, **standard deviation** = 0.24094432078196, **min value** = 0.0516012852158814, **max value** = 1, which accounts for **range** = 0.948398714784119. It has a **skewness** of 2.40672557465952, a **kurtosis** of 4.76691571181079, and a **standard error** of 0.00210723249033535.

The **C_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.45846679851089, **median** = 5.61501311821722, **standard deviation** = 22.4308970707633, **min value** = -137.934554253788, **max value** = 118.626585124334, which accounts for **range** = 256.561139378122. It has a **skewness** of -0.459876822860968, a **kurtosis** of 1.87002339304154, and a **standard error** of 0.196174431260633.

The **C_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 315.204079156241, **median** = 294.640879942592, **standard deviation** = 179.261560468022, **min value** = 0, **max value** = 1637.28021148233, which accounts for **range** = 1637.28021148233. It has a **skewness** of 0.967175662309963, a **kurtosis** of 2.79741297655973, and a **standard error** of 1.56777210295099.

The **C_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0736474195794112, **median** = -0.0254128415565422, **standard deviation** = 0.435463396778452, **min value** = -7.16728062819069, **max value** = 10.8698933015828, which accounts for **range** = 18.0371739297735. It has a **skewness** of -0.546037204654626, a **kurtosis** of 101.147923975443, and a **standard error** of 0.00380844261058031.

The **C_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.56727243044638, **median** = 4.55763920214178, **standard deviation** = 2.26497070427062, **min value** = 0, **max value** = 24.6574440224753, which accounts for **range** = 24.6574440224753. It has a **skewness** of 0.59608414703603, a **kurtosis** of 3.13632667904908, and a **standard error** of 0.0198088082848647.

The **C_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0679784373640344, **median** = -0.0200255439188144, **standard deviation** = 0.470155857197649, **min value** = -15.4271399213281, **max value** = 15.0340780306142, which accounts for **range** = 30.4612179519423. It has a **skewness** of -0.584066080363674, a **kurtosis** of 290.660495777327, and a **standard error** of 0.00411185328873098.

The **C_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.66631573406346, **median** = 4.69268556874976, **standard deviation** = 2.28722178235822, **min value** = 0, **max value** = 21.4743596099242, which accounts for **range** = 21.4743596099242. It has a **skewness** of 0.515942714979177, a **kurtosis** of 2.82001608417059, and a **standard error** of 0.0200034100689574.

The **C_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics:

mean = -0.00113794473205519, **median** = 0, **standard deviation** = 0.0783365846229383, **min value** = -1.16498200519986, **max value** = 1.76291278879552, which accounts for **range** = 2.92789479399538. It has a **skewness** of 2.42888769568818, a **kurtosis** of 90.5690999543082, and a **standard error** of 0.00068511013566799.

The **C_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.58801155115691, **median** = 1.52554965983001, **standard deviation** = 0.840445602390405, **min value** = 0, **max value** = 10.4366579576945, which accounts for **range** = 10.4366579576945. It has a **skewness** of 1.02241167256827, a **kurtosis** of 4.88884437992943, and a **standard error** of 0.00735030514090924.

The **C_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.444253709998893, **median** = -0.0510161435380061, **standard deviation** = 3.09185351300561, **min value** = -51.0803878881731, **max value** = 41.6874515560208, which accounts for **range** = 92.7678394441939. It has a **skewness** of -1.86585379413586, a **kurtosis** of 46.1042730283258, and a **standard error** of 0.0270404969779671.

The **C_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 12.0889103535151, **median** = 12.1682723105636, **standard deviation** = 5.67627434874148, **min value** = 0, **max value** = 50.5248180719804, which accounts for **range** = 50.5248180719804. It has a **skewness** of 0.199462715203252, a **kurtosis** of 1.75033366277461, and a **standard error** of 0.0496431278932255.

The **C_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.427223102735674, **median** = -0.048621872701126, **standard deviation** = 2.66956031508422, **min value** = -49.7515865381001, **max value** = 41.750472922219, which accounts for **range** = 91.5020594603191. It has a **skewness** of -2.66942205195008, a **kurtosis** of 61.0851520544292, and a **standard error** of 0.0233472372895063.

The **C_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 11.7238414309187, **median** = 11.9299884397103, **standard deviation** = 5.47299277466699, **min value** = 0, **max value** = 45.3129505022401, which accounts for **range** = 45.3129505022401. It has a **skewness** of 0.149343311909267, a **kurtosis** of 1.5827856342252, and a **standard error** of 0.0478652833846432.

The **C_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.124320291091043, **median** = -0.0277681297547803, **standard deviation** = 0.79349965973792, **min value** = -18.3760407510088, **max value** = 16.9743193326499, which accounts for **range** = 35.3503600836587. It has a **skewness** of -0.305662460248328, a **kurtosis** of 99.6603904225886, and a **standard error** of 0.00693972889106993.

The **C_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.6704316629606, **median** = 4.65562039879942, **standard deviation** = 2.30502231650625, **min value** = 0, **max value** = 23.4024810616455, which accounts for **range** = 23.4024810616455. It has a **skewness** of 0.603556692244418, a **kurtosis** of 3.41947676920462, and a **standard error** of 0.0201590886248176.

The **C_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 164.705586272511, **median** = 169.993475234255, **standard deviation** = 26.4109193096802, **min value** = 52.0690458331688, **max value** = 211.902868994124, which accounts for **range** = 159.833823160955. It has a **skewness** of -0.861062353367956, a **kurtosis** of 0.396787430119483, and a **standard error** of 0.230982606638597.

The **C_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 42.7626874614647, **median** = 41.646138729581, **standard deviation** = 11.9279223807492, **min value** = 10.8532215732728, **max value** = 86.4199055773106, which accounts for **range** = 75.5666840040378. It has a **skewness** of 0.477623452664436, a **kurtosis** of 0.0613656258074475, and a **standard error** of 0.104318315125005.

The **C_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -1.17092583520455, **median** = -1.13359929758046, **standard deviation** = 0.674330705539411, **min value** = -6.08642265635086, **max value** = 1.21431183604984, which accounts for **range** = 7.3007344924007.

It has a **skewness** of -0.523094382651352, a **kurtosis** of 1.19276758998119, and a **standard error** of 0.00589751012736798.

The **C_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.43226636010691, **median** = 0.745202728290409, **standard deviation** = 2.93927020074146, **min value** = -1.79700084863666, **max value** = 45.6500697564591, which accounts for **range** = 47.4470706050958. It has a **skewness** of 3.13996760287725, a **kurtosis** of 21.6692363110926, and a **standard error** of 0.0257060454663377.

The **C_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0113295630073169, **median** = 0.00952494916591425, **standard deviation** = 0.0058557173671099, **min value** = 0.00487277637787007, **max value** = 0.0957987221980229, which accounts for **range** = 0.0909259458201528. It has a **skewness** of 2.54562045378621, a **kurtosis** of 13.4276624077527, and a **standard error** of 5.12124869768619e-05.

The **C_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.94542909872753, **median** = 7.04735061742053, **standard deviation** = 0.485505830755019, **min value** = 4.33087359896316, **max value** = 7.7365542921928, which accounts for **range** = 3.40568183025612. It has a **skewness** of -0.936251398792302, a **kurtosis** of 0.584648922978158, and a **standard error** of 0.00424609991841248.

The **C_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.120739906183243, **median** = 0.10293296842026, **standard deviation** = 0.0612946159499601, **min value** = 0.0448587876471489, **max value** = 0.645276578447068, which accounts for **range** = 0.600417790799919. It has a **skewness** of 2.16748680477553, a **kurtosis** of 7.86393341620299, and a **standard error** of 0.000536065783967023.

The **C_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.71894033843716, **median** = 2.79989787886077, **standard deviation** = 0.352916203686799, **min value** = 0.874811613730534, **max value** = 3.37965268306822, which accounts for **range** = 2.50484106933769. It has a **skewness** of -1.02345168619444, a **kurtosis** of 0.951944496272871, and a **standard error** of 0.00308650765604728.

The **C_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.770034227621688, **median** = 0.769942252849401, **standard deviation** = 0.162732123263645, **min value** = 0.2247921864022, **max value** = 1.36024575287954, which accounts for **range** = 1.13545356647734. It has a **skewness** of 0.0887599221585773, a **kurtosis** of -0.00279797981879071, and a **standard error** of 0.00142321020993363.

The **C_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.772858137626981, **median** = 0.769953136903942, **standard deviation** = 0.0348382076797668, **min value** = 0.67648022612222, **max value** = 0.929918081595999, which accounts for **range** = 0.253437855473779. It has a **skewness** of 0.477680549044411, a **kurtosis** of 0.366475872777368, and a **standard error** of 0.000304685343442018.

The **C_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.837835767120896, **median** = 0.835000975095813, **standard deviation** = 0.0639714121746601, **min value** = 0.514048115192602, **max value** = 0.981931431574806, which accounts for **range** = 0.467883316382204. It has a **skewness** of -0.0413792967082141, a **kurtosis** of -0.301954425699456, and a **standard error** of 0.000559476304523759.

The **C_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.84309517219087, **median** = 2.56930882792676, **standard deviation** = 1.35104574360361, **min value** = 0.256835502082171, **max value** = 8.81647828898017, which accounts for **range** = 8.559642786898. It has a **skewness** of 1.04851777074188, a **kurtosis** of 0.994320993644837, and a **standard error** of 0.01181587296854.

The **C_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 12.1234738035208, **median** = 12.432426853945, **standard deviation** = 1.71244698156473, **min value**

= 5.04994325268968, **max value** = 15.6303883998294, which accounts for **range** = 10.5804451471397. It has a **skewness** of -0.752488183054146, a **kurtosis** of 0.202934492958782, and a **standard error** of 0.0149765883911221.

The **C_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10.633703954974, **median** = 9.41944141589044, **standard deviation** = 5.40209853313111, **min value** = 0.856813917547662, **max value** = 34.4991534951232, which accounts for **range** = 33.6423395775755. It has a **skewness** of 1.12356612206099, a **kurtosis** of 1.12593348790497, and a **standard error** of 0.0472452619263359.

The **C_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.22266752793164, **median** = 2.27906370643773, **standard deviation** = 0.284701234421569, **min value** = 0.749303629084227, **max value** = 2.6561530583426, which accounts for **range** = 1.90684942925837. It has a **skewness** of -0.932638496460001, a **kurtosis** of 0.722694467604209, and a **standard error** of 0.00248991837311083.

The **C_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.481220599153113, **median** = 0.482163000033765, **standard deviation** = 0.0760231315323447, **min value** = 0.199812035807628, **max value** = 0.89925808499394, which accounts for **range** = 0.699446049186312. It has a **skewness** of 0.0351373036402868, a **kurtosis** of 0.0980652440202379, and a **standard error** of 0.000664877313821248.

The **C_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.915303378588421, **median** = 0.923734551482604, **standard deviation** = 0.0821998811102616, **min value** = 0.452628207064657, **max value** = 1.13714464474996, which accounts for **range** = 0.684516437685303. It has a **skewness** of -0.672012676902799, a **kurtosis** of 1.06627928054725, and a **standard error** of 0.000718897459857519.

The **C_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.352260258510253, **median** = -0.337319302087586, **standard deviation** = 0.0678011387048928, **min value** = -0.660319505916452, **max value** = -0.185954694677128, which accounts for **range** = 0.474364811239324. It has a **skewness** of -1.0771724013262, a **kurtosis** of 0.940289922690719, and a **standard error** of 0.00059297003513926.

The **C_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.81577588814205, **median** = 0.81634889816463, **standard deviation** = 0.0659928955493516, **min value** = 0.473718429792817, **max value** = 0.95029915468073, which accounts for **range** = 0.476580724887913. It has a **skewness** of -0.330289456505712, a **kurtosis** of -0.0187785801797657, and a **standard error** of 0.000577155639865626.

The **C_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.892750185587516, **median** = 0.88520454497542, **standard deviation** = 0.0464321968559855, **min value** = 0.663882458421832, **max value** = 1.04770593705422, which accounts for **range** = 0.383823478632388. It has a **skewness** of 0.406843059776599, a **kurtosis** of 0.0349044763145683, and a **standard error** of 0.000406083170979249.

The **C_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.245575713155175, **median** = 0.224708265139808, **standard deviation** = 0.091785458637501, **min value** = 0.0912489664482367, **max value** = 0.797645094449409, which accounts for **range** = 0.706396128001172. It has a **skewness** of 1.48637026684111, a **kurtosis** of 3.08468815990408, and a **standard error** of 0.000802730273756072.

The **C_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -27.6272525171119, **median** = -27.0963410612767, **standard deviation** = 16.4033764393962, **min value** = -135.394266379783, **max value** = 161.326858408245, which accounts for **range** = 296.721124788028. It has a **skewness** of 1.29870799478794, a **kurtosis** of 11.2847160272349, and a **standard error** of 0.143459400379796.

The **C_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

374.721939036216, **median** = 330.977884184308, **standard deviation** = 210.695620044761, **min value** = 10.6465786235531, **max value** = 2080.85823624852, which accounts for **range** = 2070.21165762497. It has a **skewness** of 1.26606825430746, a **kurtosis** of 2.32088102831072, and a **standard error** of 1.84268570717403.

The **C_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00274685209356048, **median** = 0.00116575438436341, **standard deviation** = 0.024293560523054, **min value** = -0.104050142250081, **max value** = 0.158445698672234, which accounts for **range** = 0.262495840922315. It has a **skewness** of 0.665620517610188, a **kurtosis** of 2.94430247997491, and a **standard error** of 0.000212464771420919.

The **C_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.3106599429875, **median** = 4.28835767334522, **standard deviation** = 0.794787524688137, **min value** = 1.82642745336923, **max value** = 6.87138422088601, which accounts for **range** = 5.04495676751678. It has a **skewness** of 0.0426037463781003, a **kurtosis** of -0.539013812055845, and a **standard error** of 0.00695099220226754.

The **C_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00677017966667042, **median** = 0.00382781630170116, **standard deviation** = 0.0265300640229482, **min value** = -0.124693719624181, **max value** = 0.201929597730234, which accounts for **range** = 0.326623317354415. It has a **skewness** of 0.64413673357572, a **kurtosis** of 2.80456579983997, and a **standard error** of 0.000232024613397815.

The **C_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.53638340760936, **median** = 4.52690511128796, **standard deviation** = 0.817821554723648, **min value** = 1.92743458674361, **max value** = 7.48934040401011, which accounts for **range** = 5.5619058172665. It has a **skewness** of -0.00591030242279056, a **kurtosis** of -0.449084314170467, and a **standard error** of 0.00715244146787655.

The **C_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000100455725004744, **median** = -0.000141431705293601, **standard deviation** = 0.00464842947894682, **min value** = -0.0329253516779769, **max value** = 0.0460577027817378, which accounts for **range** = 0.0789830544597147. It has a **skewness** of 0.4385218396807, a **kurtosis** of 6.94239278200519, and a **standard error** of 4.06538805118114e-05.

The **C_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.42138301956183, **median** = 1.39218474152519, **standard deviation** = 0.31404161564492, **min value** = 0.592790919090808, **max value** = 2.49755749050399, which accounts for **range** = 1.90476657141318. It has a **skewness** of 0.362946616653467, a **kurtosis** of -0.358306692240863, and a **standard error** of 0.0027465212446457.

The **C_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.159342985983205, **median** = 0.150224192933548, **standard deviation** = 0.107180705481169, **min value** = -0.218004972824109, **max value** = 0.777862770071652, which accounts for **range** = 0.995867742895761. It has a **skewness** of 0.570208894174237, a **kurtosis** of 0.882393517229989, and a **standard error** of 0.000937372851096864.

The **C_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10.651922721582, **median** = 10.6344756166738, **standard deviation** = 1.74254239118138, **min value** = 4.24962531874719, **max value** = 17.2957172503701, which accounts for **range** = 13.0460919316229. It has a **skewness** of 0.083085968210967, a **kurtosis** of -0.0307913959910922, and a **standard error** of 0.015239794532476.

The **C_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.170774486743702, **median** = 0.159520746321309, **standard deviation** = 0.112262268219932, **min value** = -0.816415274605811, **max value** = 0.78518162443787, which accounts for **range** = 1.60159689904368. It has a **skewness** of 0.527826636781676, a **kurtosis** of 0.97983411735049, and a **standard error** of 0.000981814795484873.

The **C_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 10.3561311293701, **median** = 10.3150601733436, **standard deviation** = 1.71252543532308, **min value** = 4.15588871633978, **max value** = 17.298726630592, which accounts for **range** = 13.1428379142522. It has a **skewness** of 0.115712584013532, a **kurtosis** of -0.0682399343251747, and a **standard error** of 0.0149772745260268.

The **C_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0273130918067904, **median** = 0.0234909988856281, **standard deviation** = 0.0269636401808653, **min value** = -0.0895237048970385, **max value** = 0.213169568744034, which accounts for **range** = 0.302693273641073. It has a **skewness** of 0.971924617930591, a **kurtosis** of 2.50415540736605, and a **standard error** of 0.000235816550738494.

The **C_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.20202919788142, **median** = 4.22044860753406, **standard deviation** = 0.67391816584065, **min value** = 1.73599352507676, **max value** = 6.75951125461257, which accounts for **range** = 5.02351772953581. It has a **skewness** of -0.102557530574548, a **kurtosis** of 0.105155060182992, and a **standard error** of 0.00589390216908965.

The **M_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 227.561903897198, **median** = 228.840857079031, **standard deviation** = 9.3034279288137, **min value** = 166.638410323289, **max value** = 248.56516170349, which accounts for **range** = 81.926751380201. It has a **skewness** of -0.639049567240731, a **kurtosis** of 0.353092671235874, and a **standard error** of 0.0813652114292016.

The **M_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 26.6154221733678, **median** = 26.3726090648184, **standard deviation** = 5.98766947125913, **min value** = 5.36828158770995, **max value** = 55.835367870934, which accounts for **range** = 50.467086283224. It has a **skewness** of 0.235814852887584, a **kurtosis** of 0.589641196044359, and a **standard error** of 0.052366503639836.

The **M_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -2.10568808866109, **median** = -1.98528973713657, **standard deviation** = 0.672120262302062, **min value** = -8.47239776168687, **max value** = -0.543209528866569, which accounts for **range** = 7.9291882328203. It has a **skewness** of -1.40118965668057, a **kurtosis** of 4.06380817502648, and a **standard error** of 0.00587817820125049.

The **M_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.06844231422072, **median** = 4.70925878135324, **standard deviation** = 4.94986284612292, **min value** = 0.144251426086359, **max value** = 90.6347300437568, which accounts for **range** = 90.4904786176704. It has a **skewness** of 3.55821262915419, a **kurtosis** of 24.1986420325113, and a **standard error** of 0.0432901334972448.

The **M_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0301990713624737, **median** = 0.025284395673957, **standard deviation** = 0.0179261116558415, **min value** = 0.00759069230901672, **max value** = 0.25921845184248, which accounts for **range** = 0.251627759533463. It has a **skewness** of 2.00550104033259, a **kurtosis** of 8.25327015751601, and a **standard error** of 0.000156776822064016.

The **M_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.8796342659579, **median** = 5.94583613375612, **standard deviation** = 0.589435482405388, **min value** = 2.74503665036935, **max value** = 7.3042975576358, which accounts for **range** = 4.55926090726645. It has a **skewness** of -0.575818828226685, a **kurtosis** of 0.0733503699669784, and a **standard error** of 0.00515503995051674.

The **M_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.360428086333533, **median** = 0.347215964242774, **standard deviation** = 0.145557885153867, **min value** = 0.072694242581721, **max value** = 0.912615431205751, which accounts for **range** = 0.83992118862403. It has a **skewness** of 0.422845982024756, a **kurtosis** of -0.373185822811228, and a **standard error** of 0.00127300906626597.

The **M_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.78755904371883, **median** = 1.80859588988731, **standard deviation** = 0.418954915707786, **min value** = 0.295790520189886, **max value** = 2.9823471892916, which accounts for **range** = 2.68655666910171. It has a **skewness** of -0.227390090969055, a **kurtosis** of -0.384724232220528, and a **standard error** of 0.00366406399412114.

The **M_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.581141304940584, **median** = 0.574673686545345, **standard deviation** = 0.160605296811465, **min value** = 0.106187931056852, **max value** = 1.36609778859369, which accounts for **range** = 1.25990985753684. It has a **skewness** of 0.307972732761912, a **kurtosis** of 0.353701620538855, and a **standard error** of 0.00140460957312761.

The **M_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.836288446641022, **median** = 0.835017702942556, **standard deviation** = 0.0431109640768243, **min value** = 0.705962203667942, **max value** = 0.979789711379045, which accounts for **range** = 0.273827507711103. It has a **skewness** of 0.148690466251564, a **kurtosis** of -0.410778698137812, and a **standard error** of 0.000377036586284901.

The **M_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.726296848508478, **median** = 0.727769157851929, **standard deviation** = 0.031817295731207, **min value** = 0.494705104540027, **max value** = 0.874387393191103, which accounts for **range** = 0.379682288651076. It has a **skewness** of -0.397519620200682, a **kurtosis** of 0.949013699150035, and a **standard error** of 0.00027826528179546.

The **M_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.08324297071478, **median** = 1.07372187832615, **standard deviation** = 0.34086305507147, **min value** = 0.122042373333895, **max value** = 3.09110375816633, which accounts for **range** = 2.96906138483244. It has a **skewness** of 0.304911799724788, a **kurtosis** of 0.389925319637451, and a **standard error** of 0.00298109414685714.

The **M_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 14.7368043397271, **median** = 14.8003847490197, **standard deviation** = 0.515502689053248, **min value** = 11.4100034131654, **max value** = 15.8698498605369, which accounts for **range** = 4.4598464473715. It has a **skewness** of -0.745429321895981, a **kurtosis** of 0.854138614696764, and a **standard error** of 0.00450844415715142.

The **M_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.75168973875133, **median** = 3.71456656529655, **standard deviation** = 1.21451714807253, **min value** = 0.390778039975056, **max value** = 11.2963163727925, which accounts for **range** = 10.9055383328174. It has a **skewness** of 0.329876371143043, a **kurtosis** of 0.443178505533426, and a **standard error** of 0.0106218315757849.

The **M_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.44246059542257, **median** = 1.4573122991358, **standard deviation** = 0.325806522273377, **min value** = 0.259086746179678, **max value** = 2.32493328567946, which accounts for **range** = 2.06584653949978. It has a **skewness** of -0.230834005701636, a **kurtosis** of -0.383068364317968, and a **standard error** of 0.00284941386901962.

The **M_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.420964640751357, **median** = 0.415847562360856, **standard deviation** = 0.0942543376705886, **min value** = 0.0997532725377657, **max value** = 0.945201890073718, which accounts for **range** = 0.845448617535952. It has a **skewness** of 0.413751766433494, a **kurtosis** of 1.08956598673774, and a **standard error** of 0.000824322407973412.

The **M_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.783339066610553, **median** = 0.799509753237629, **standard deviation** = 0.120345338457612, **min value** = 0.187582441196256, **max value** = 1.11126413732369, which accounts for **range** = 0.923681696127434. It has a **skewness** of -0.701876207495183, a **kurtosis** of 0.673663121928352, and a **standard error** of

0.0010525070955616.

The **M_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.271897400590031, **median** = -0.271277151736334, **standard deviation** = 0.0235236788685115, **min value** = -0.428283403113557, **max value** = -0.167163415457165, which accounts for **range** = 0.261119987656392. It has a **skewness** of -0.221619496144882, a **kurtosis** of 0.873215043042251, and a **standard error** of 0.000205731599080935.

The **M_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.642574735633069, **median** = 0.647735275836272, **standard deviation** = 0.063201545331537, **min value** = 0.343371963042048, **max value** = 0.85253734950697, which accounts for **range** = 0.509165386464922. It has a **skewness** of -0.562776648209839, a **kurtosis** of 0.326947061399387, and a **standard error** of 0.00055274326172036.

The **M_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.862379955820511, **median** = 0.864085606077752, **standard deviation** = 0.0360479457204747, **min value** = 0.586067574216063, **max value** = 1.05291183818705, which accounts for **range** = 0.466844263970987. It has a **skewness** of -0.297406922079645, a **kurtosis** of 2.61338871253265, and a **standard error** of 0.00031526537826459.

The **M_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.560502532461569, **median** = 0.571483258025846, **standard deviation** = 0.146346754272491, **min value** = 0.151900681477574, **max value** = 0.955143452403468, which accounts for **range** = 0.803242770925894. It has a **skewness** of -0.290260836047217, a **kurtosis** of -0.425260209660798, and a **standard error** of 0.00127990829772323.

The **M_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -15.3869919778344, **median** = -14.8184343490643, **standard deviation** = 5.38970773434689, **min value** = -75.6597798826559, **max value** = -1.59288045153175, which accounts for **range** = 74.0668994311241. It has a **skewness** of -1.48450775701743, a **kurtosis** of 7.51979794902767, and a **standard error** of 0.0471368954220142.

The **M_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 121.679350841079, **median** = 114.395919326392, **standard deviation** = 51.5033305746986, **min value** = 7.420592239899, **max value** = 778.665124706511, which accounts for **range** = 771.244532466612. It has a **skewness** of 2.1435003355691, a **kurtosis** of 13.5759906439419, and a **standard error** of 0.450433906037982.

The **M_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0111933809471045, **median** = -0.00999812254310498, **standard deviation** = 0.0187280087938897, **min value** = -0.124556203441608, **max value** = 0.066941383575623, which accounts for **range** = 0.191497587017231. It has a **skewness** of -0.35397709600914, a **kurtosis** of 1.08061279605055, and a **standard error** of 0.000163789992981338.

The **M_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.08655672147273, **median** = 4.00384145091888, **standard deviation** = 0.816859471003445, **min value** = 1.76249590310513, **max value** = 8.51847102540141, which accounts for **range** = 6.75597512229628. It has a **skewness** of 0.679326805112948, a **kurtosis** of 0.954036912583899, and a **standard error** of 0.00714402734934885.

The **M_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0136802534241338, **median** = -0.0123172323004829, **standard deviation** = 0.0210899430463182, **min value** = -0.136219804323853, **max value** = 0.083599632591565, which accounts for **range** = 0.219819436915418. It has a **skewness** of -0.329952880029808, a **kurtosis** of 0.844641928687616, and a **standard error** of 0.000184446817680922.

The **M_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.42219030115453, **median** = 4.32801419758511, **standard deviation** = 0.841030915072493, **min value** = 1.68231081847016, **max value** = 9.29122913883309, which accounts for **range** = 7.60891832036293.

It has a **skewness** of 0.655972067620873, a **kurtosis** of 0.957081095642686, and a **standard error** of 0.00735542412398674.

The **M_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -9.78411942287371e-05, **median** = -0.000108608549792608, **standard deviation** = 0.00344921797825977, **min value** = -0.0464226877392027, **max value** = 0.0224237126460966, which accounts for **range** = 0.0688464003852993. It has a **skewness** of -0.190536346536119, a **kurtosis** of 5.4763346400064, and a **standard error** of 3.01659079012498e-05.

The **M_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.44299640445426, **median** = 1.42241613542069, **standard deviation** = 0.298572110482654, **min value** = 0.590405662677369, **max value** = 3.18130368521393, which accounts for **range** = 2.59089802253656. It has a **skewness** of 0.511300509221245, a **kurtosis** of 0.351480254493075, and a **standard error** of 0.00261122922455764.

The **M_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.142646053660891, **median** = -0.129308830864071, **standard deviation** = 0.125954951684225, **min value** = -0.695494247450871, **max value** = 0.569983418365193, which accounts for **range** = 1.26547766581606. It has a **skewness** of -0.578564077862541, a **kurtosis** of 0.553457130786835, and a **standard error** of 0.00110156722368984.

The **M_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 9.79453097390398, **median** = 9.58049741260723, **standard deviation** = 2.04920377559783, **min value** = 2.60249438872896, **max value** = 19.2364854305705, which accounts for **range** = 16.6339910418415. It has a **skewness** of 0.606206878682889, a **kurtosis** of 0.717345327006349, and a **standard error** of 0.0179217703129234.

The **M_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.168192126559497, **median** = -0.151584116862927, **standard deviation** = 0.136715088075995, **min value** = -0.868166493652491, **max value** = 0.230480914530049, which accounts for **range** = 1.09864740818254. It has a **skewness** of -0.649003322843088, a **kurtosis** of 0.606605918590791, and a **standard error** of 0.00119567240505121.

The **M_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 10.1131023850151, **median** = 9.8698518851416, **standard deviation** = 2.13608951449191, **min value** = 3.28601724982747, **max value** = 21.3036784751764, which accounts for **range** = 18.0176612253489. It has a **skewness** of 0.642199216789098, a **kurtosis** of 0.725412560632626, and a **standard error** of 0.0186816489909109.

The **M_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0320460636987721, **median** = -0.028995889063537, **standard deviation** = 0.0295269688050583, **min value** = -0.201416772369344, **max value** = 0.09983946864774, which accounts for **range** = 0.301256241017084. It has a **skewness** of -0.553296255324206, a **kurtosis** of 1.15154632085095, and a **standard error** of 0.000258234714996428.

The **M_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.17178939723088, **median** = 4.08728518807879, **standard deviation** = 0.730041441961646, **min value** = 1.5472209218342, **max value** = 8.93795949726229, which accounts for **range** = 7.39073857542809. It has a **skewness** of 0.787643099155569, a **kurtosis** of 1.57761404256013, and a **standard error** of 0.00638474084303061.

The **M_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 121.09585024322, **median** = 126.223575518633, **standard deviation** = 45.916224276736, **min value** = 0, **max value** = 239.727848101266, which accounts for **range** = 239.727848101266. It has a **skewness** of -0.989584456019167, a **kurtosis** of 1.2489239084591, and a **standard error** of 0.401570617292206.

The **M_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 43.5039452566618, **median** = 46.0977758110023, **standard deviation** = 16.3409054843099, **min value** =

0, **max value** = 91.2022622064768, which accounts for **range** = 91.2022622064768. It has a **skewness** of -1.08698288963229, a **kurtosis** of 1.41105013141768, and a **standard error** of 0.1429130466586.

The **M_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00742002643762468, **median** = 0, **standard deviation** = 0.698333528108794, **min value** = -4.58621274938513, **max value** = 4.07981569103765, which accounts for **range** = 8.66602844042278. It has a **skewness** of 0.382309577782835, a **kurtosis** of 2.26098001378669, and a **standard error** of 0.00610743218493633.

The **M_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0394123609688463, **median** = -0.394645039944675, **standard deviation** = 1.46683690256924, **min value** = -1.78197088355089, **max value** = 24.1926851930473, which accounts for **range** = 25.9746560765982. It has a **skewness** of 5.25411775626496, a **kurtosis** of 45.4306144669507, and a **standard error** of 0.0128285504679477.

The **M_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0825545812477024, **median** = 0.00852201551985232, **standard deviation** = 0.255596136757318, **min value** = 0.00463116737076936, **max value** = 1, which accounts for **range** = 0.995368832629231. It has a **skewness** of 3.30399120514096, a **kurtosis** of 8.94108016668485, and a **standard error** of 0.0022353732266079.

The **M_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.4439649305498, **median** = 7.13059520176155, **standard deviation** = 1.9259308553817, **min value** = 0, **max value** = 7.83154976071574, which accounts for **range** = 7.83154976071574. It has a **skewness** of -2.69359393392785, a **kurtosis** of 6.12777194480922, and a **standard error** of 0.0168436593957832.

The **M_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.148678531259483, **median** = 0.0650886388668806, **standard deviation** = 0.244121900168416, **min value** = 0.0272524249170075, **max value** = 1, which accounts for **range** = 0.972747575082992. It has a **skewness** of 3.03228111220465, a **kurtosis** of 7.68403742040327, and a **standard error** of 0.00213502272212844.

The **M_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.8025855423411, **median** = 3.09294164298293, **standard deviation** = 0.881334326502145, **min value** = 0, **max value** = 3.77786627331401, which accounts for **range** = 3.77786627331401. It has a **skewness** of -2.29673541689001, a **kurtosis** of 4.58057830423169, and a **standard error** of 0.00770790663015367.

The **M_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.53218936010258, **median** = 1.27117830825256, **standard deviation** = 1.36508018481217, **min value** = 0, **max value** = 29.4021164021164, which accounts for **range** = 29.4021164021164. It has a **skewness** of 4.57216485116006, a **kurtosis** of 45.7703272717484, and a **standard error** of 0.0119386143155966.

The **M_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.706640780571193, **median** = 0.690545226271558, **standard deviation** = 0.112259040159029, **min value** = 0.271419413919414, **max value** = 1, which accounts for **range** = 0.728580586080586. It has a **skewness** of 0.863859105964155, a **kurtosis** of 1.60667288403434, and a **standard error** of 0.000981786563755676.

The **M_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.710913334037036, **median** = 0.774728223555181, **standard deviation** = 0.21769745692661, **min value** = -0.388647714682172, **max value** = 0.991054895203089, which accounts for **range** = 1.37970260988526. It has a **skewness** of -2.68141967713127, a **kurtosis** of 5.96921335207649, and a **standard error** of 0.00190392183891424.

The **M_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.81592747302616, **median** = 2.8177806048871, **standard deviation** = 1.35212478424389, **min value** = 0, **max value** = 8.50774907879818, which accounts for **range** = 8.50774907879818. It has a **skewness** of 0.019080424451676, a **kurtosis** of 0.388249878430245, and a **standard error** of 0.0118253099599919.

The **M_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= 8.72933390884642, **median** = 9.02232526740029, **standard deviation** = 2.6474677587333, **min value** = 2, **max value** = 15.4334302849928, which accounts for **range** = 13.4334302849928. It has a **skewness** of -0.854474074186829, a **kurtosis** of 0.878376171993164, and a **standard error** of 0.0231540218927452.

The **M_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.86883524045423, **median** = 9.91142042530541, **standard deviation** = 4.6860010864037, **min value** = 0, **max value** = 29.7279731255247, which accounts for **range** = 29.7279731255247. It has a **skewness** of 0.00517124440775557, a **kurtosis** of 0.503141438178683, and a **standard error** of 0.0409824714148479.

The **M_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.19876857835291, **median** = 2.42286253400343, **standard deviation** = 0.659925521118605, **min value** = 0, **max value** = 2.6937952054927, which accounts for **range** = 2.6937952054927. It has a **skewness** of -2.64631428999618, a **kurtosis** of 5.99490034389031, and a **standard error** of 0.00577152636256173.

The **M_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.734390777120582, **median** = 0.659775682378881, **standard deviation** = 0.464886202834534, **min value** = 0, **max value** = 4.92465277777778, which accounts for **range** = 4.92465277777778. It has a **skewness** of 1.81609579201608, a **kurtosis** of 7.7160721303221, and a **standard error** of 0.0040657663469398.

The **M_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02512094257676, **median** = 1.09309153701267, **standard deviation** = 0.339479420317221, **min value** = 0, **max value** = 1.7198005753252, which accounts for **range** = 1.7198005753252. It has a **skewness** of -1.79107224561866, a **kurtosis** of 3.33284758625723, and a **standard error** of 0.00296899325940128.

The **M_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.287115987355905, **median** = -0.285800489842992, **standard deviation** = 0.110476777831358, **min value** = -0.949999999999999, **max value** = 0, which accounts for **range** = 0.949999999999999. It has a **skewness** of 0.212416867849352, a **kurtosis** of 3.65583193111539, and a **standard error** of 0.000966199389627733.

The **M_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745780021811995, **median** = 0.796181043934596, **standard deviation** = 0.213032974571901, **min value** = 0, **max value** = 0.975821830119774, which accounts for **range** = 0.975821830119774. It has a **skewness** of -3.03375116425757, a **kurtosis** of 7.85544908773578, and a **standard error** of 0.00186312756438418.

The **M_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.744016279629961, **median** = 0.823361523988441, **standard deviation** = 0.238541540165192, **min value** = 0, **max value** = 1.02983082138399, which accounts for **range** = 1.02983082138399. It has a **skewness** of -2.3023437984785, a **kurtosis** of 4.34351623719479, and a **standard error** of 0.00208621843461339.

The **M_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.230681008740246, **median** = 0.144476056990304, **standard deviation** = 0.234773792752896, **min value** = 0.0523918102221415, **max value** = 1, which accounts for **range** = 0.947608189777859. It has a **skewness** of 2.51681013962769, a **kurtosis** of 5.4430645353292, and a **standard error** of 0.0020532667562472.

The **M_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -2.71553891147627, **median** = 0, **standard deviation** = 21.5844003313437, **min value** = -165.78907774779, **max value** = 112.382390828264, which accounts for **range** = 278.171468576054. It has a **skewness** of -0.995321562045998, a **kurtosis** of 2.77855896448718, and a **standard error** of 0.18877120454635.

The **M_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 292.672657370914, **median** = 259.203913511044, **standard deviation** = 196.267576793848, **min value** = 0, **max value** = 2055.07746390488, which accounts for **range** = 2055.07746390488. It has a **skewness** of 1.2331493904203, a **kurtosis** of 3.15995285401445, and a **standard error** of 1.71650202535237.

The **M_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0695699067374873, **median** = -0.0171858954095672, **standard deviation** = 0.626579885108205, **min value** = -14.9037646505659, **max value** = 20.0539781878022, which accounts for **range** = 34.9577428383681. It has a **skewness** of 0.617895926574399, a **kurtosis** of 171.24106530473, and a **standard error** of 0.00547989463875115.

The **M_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.14224363456658, **median** = 5.98524798932971, **standard deviation** = 3.20327269576296, **min value** = 0, **max value** = 30.0707200521512, which accounts for **range** = 30.0707200521512. It has a **skewness** of 0.740744103812737, a **kurtosis** of 2.75190455270809, and a **standard error** of 0.0280149383808228.

The **M_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.060969601557879, **median** = -0.0142174882071824, **standard deviation** = 0.683694099974723, **min value** = -26.4072630472219, **max value** = 18.26233781958, which accounts for **range** = 44.6696008668019. It has a **skewness** of -3.06316541397308, a **kurtosis** of 325.235680699566, and a **standard error** of 0.00597939978930265.

The **M_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.26942941295812, **median** = 6.13497463429549, **standard deviation** = 3.27563475578149, **min value** = 0, **max value** = 41.8402265704406, which accounts for **range** = 41.8402265704406. It has a **skewness** of 0.922276590474576, a **kurtosis** of 5.00572207209097, and a **standard error** of 0.0286477969742264.

The **M_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000644728205891406, **median** = 0, **standard deviation** = 0.091907715242154, **min value** = -1.41369402459399, **max value** = 2.26247329150581, which accounts for **range** = 3.6761673160998. It has a **skewness** of 3.21781001709876, a **kurtosis** of 106.500036075785, and a **standard error** of 0.000803799496257963.

The **M_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.8915664785744, **median** = 1.80228268905688, **standard deviation** = 1.02134409188426, **min value** = 0, **max value** = 11.3777563524599, which accounts for **range** = 11.3777563524599. It has a **skewness** of 0.940833518697813, a **kurtosis** of 3.83540042165742, and a **standard error** of 0.0089323933730656.

The **M_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -1.08010864673269, **median** = -0.30616941570482, **standard deviation** = 3.98671132758476, **min value** = -73.8017679700694, **max value** = 44.9812651824466, which accounts for **range** = 118.783033152516. It has a **skewness** of -3.65537427888787, a **kurtosis** of 47.6089998347953, and a **standard error** of 0.0348666763001935.

The **M_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 15.6999085263545, **median** = 15.7111734029867, **standard deviation** = 7.46216099050016, **min value** = 0, **max value** = 68.901258866387, which accounts for **range** = 68.901258866387. It has a **skewness** of 0.27682997050518, a **kurtosis** of 1.79397370874875, and a **standard error** of 0.0652619992712951.

The **M_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.988592735843095, **median** = -0.290392547943412, **standard deviation** = 3.76500598924344, **min value** = -79.6750285024319, **max value** = 55.0895231605242, which accounts for **range** = 134.764551662956. It has a **skewness** of -3.91069662691281, a **kurtosis** of 69.5198797561304, and a **standard error** of 0.0329277026372434.

The **M_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 15.6455406628841, **median** = 15.7357585906075, **standard deviation** = 7.43531470897299, **min value** = 0, **max value** = 60.1071505437361, which accounts for **range** = 60.1071505437361. It has a **skewness** of 0.262824820203927, a **kurtosis** of 1.67055729650651, and a **standard error** of 0.065027209106932.

The **M_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.199182965555145, **median** = -0.0601300304070467, **standard deviation** = 0.94988624838599, **min value** = -22.7580259280446, **max value** = 19.12249942497, which accounts for **range** = 41.8805253530146. It has a **skewness** of -1.55984143833835, a **kurtosis** of 90.7581509554431, and a **standard error** of 0.00830744280763965.

The **M_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.88260901421227, **median** = 5.7810800400438, **standard deviation** = 2.98044290334574, **min value** = 0, **max value** = 28.1487751458633, which accounts for **range** = 28.1487751458633. It has a **skewness** of 0.590360383603297, a **kurtosis** of 2.55054549466342, and a **standard error** of 0.0260661305530543.

The **M_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 207.349798611904, **median** = 212.109734815818, **standard deviation** = 23.5551523667348, **min value** = 104.61711725168, **max value** = 245.976037893564, which accounts for **range** = 141.358920641884. It has a **skewness** of -0.888739301885977, a **kurtosis** of 0.383111509222813, and a **standard error** of 0.20600685760467.

The **M_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 46.8616640416488, **median** = 46.7586948508122, **standard deviation** = 14.6906746799639, **min value** = 8.92702264754252, **max value** = 89.2415716781871, which accounts for **range** = 80.3145490306446. It has a **skewness** of 0.130670522049116, a **kurtosis** of -0.40384633923996, and a **standard error** of 0.128480583771803.

The **M_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -1.7226673028043, **median** = -1.67357679344804, **standard deviation** = 0.977949081886702, **min value** = -7.0595772166055, **max value** = 1.0696937370783, which accounts for **range** = 8.1292709536838. It has a **skewness** of -0.478161075792725, a **kurtosis** of 0.450473615570482, and a **standard error** of 0.00855287259960011.

The **M_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.97989364342382, **median** = 2.4054120094244, **standard deviation** = 5.78084418773208, **min value** = -1.84099045662846, **max value** = 70.942073796924, which accounts for **range** = 72.7830642535525. It has a **skewness** of 2.40570816232004, a **kurtosis** of 10.5920402505655, and a **standard error** of 0.0505576668270132.

The **M_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0216453657728708, **median** = 0.0167522380011333, **standard deviation** = 0.0156686627499231, **min value** = 0.00481637219773676, **max value** = 0.209590989716199, which accounts for **range** = 0.204774617518462. It has a **skewness** of 2.03258929991171, a **kurtosis** of 7.3493769093379, and a **standard error** of 0.000137033797350318.

The **M_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.52243114772912, **median** = 6.63624826836263, **standard deviation** = 0.732485876012603, **min value** = 3.31289679525847, **max value** = 7.78299866054686, which accounts for **range** = 4.47010186528839. It has a **skewness** of -0.633151140477621, a **kurtosis** of -0.236655535068133, and a **standard error** of 0.00640611918818497.

The **M_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.313611700082689, **median** = 0.282839351248193, **standard deviation** = 0.167988947679731, **min value** = 0.0576155859056987, **max value** = 0.907041098058953, which accounts for **range** = 0.849425512153254. It has a **skewness** of 0.614876223404812, a **kurtosis** of -0.447700920612208, and a **standard error** of 0.00146918494455122.

The **M_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.07750510512115, **median** = 2.14350224995079, **standard deviation** = 0.571705227525309, **min value** = 0.312719492935165, **max value** = 3.18593343542963, which accounts for **range** = 2.87321394249446. It has a **skewness** of -0.377083394423444, a **kurtosis** of -0.765809537249077, and a **standard error** of 0.0049999760377257.

The **M_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.640573985448342, **median** = 0.641896532499562, **standard deviation** = 0.181257428130464, **min value** = 0.103680370404825, **max value** = 1.37140924404272, which accounts for **range** = 1.26772887363789. It has a **skewness** of 0.166471052406192, a **kurtosis** of 0.0919888604923988, and a **standard error** of 0.00158522741034756.

The **M_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.833085627326135, **median** = 0.829052519837026, **standard deviation** = 0.0449370731134182, **min value** = 0.706496813110227, **max value** = 0.975013023600847, which accounts for **range** = 0.26851621049062. It has a **skewness** of 0.271625285896054, a **kurtosis** of -0.402513562362222, and a

standard error of 0.000393007231620377.

The **M_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.833891727020622, **median** = 0.842730386197146, **standard deviation** = 0.0776938774212834, **min value** = 0.3980614842938, **max value** = 0.981070298081844, which accounts for **range** = 0.583008813788044. It has a **skewness** of -0.572033093908477, a **kurtosis** of 0.206575916980888, and a **standard error** of 0.000679489195972443.

The **M_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.5542523047413, **median** = 2.25743095015677, **standard deviation** = 1.56646629906221, **min value** = 0.108219866345147, **max value** = 8.37047588968073, which accounts for **range** = 8.26225602333558. It has a **skewness** of 0.922814337324205, a **kurtosis** of 0.427222470719215, and a **standard error** of 0.0136998816560046.

The **M_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 13.7476875341826, **median** = 14.0940356064029, **standard deviation** = 1.43321896427551, **min value** = 7.0681149012633, **max value** = 15.8812543820905, which accounts for **range** = 8.8131394808272. It has a **skewness** of -1.03400733502009, a **kurtosis** of 0.655337790978653, and a **standard error** of 0.0125345372635663.

The **M_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.59337365563351, **median** = 8.2926900315842, **standard deviation** = 6.1933159729747, **min value** = 0.352095932393021, **max value** = 32.9371673320064, which accounts for **range** = 32.5850713996134. It has a **skewness** of 0.991968065960503, a **kurtosis** of 0.568583763922564, and a **standard error** of 0.0541650311524683.

The **M_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.7036880115103, **median** = 1.74386208718745, **standard deviation** = 0.471675175643773, **min value** = 0.272746295958603, **max value** = 2.59892571132562, which accounts for **range** = 2.32617941536702. It has a **skewness** of -0.307802800907344, a **kurtosis** of -0.821688626046149, and a **standard error** of 0.00412514082828554.

The **M_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.466011240798391, **median** = 0.467725494102779, **standard deviation** = 0.104151467010982, **min value** = 0.0993501237472176, **max value** = 0.93102033440718, which accounts for **range** = 0.831670210659962. It has a **skewness** of 0.0912148727208173, a **kurtosis** of 0.437439577373649, and a **standard error** of 0.000910879967991613.

The **M_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.805287543514269, **median** = 0.827385400263364, **standard deviation** = 0.131881134381245, **min value** = 0.225128532395003, **max value** = 1.13332604281892, which accounts for **range** = 0.908197510423917. It has a **skewness** of -0.75483394690095, a **kurtosis** of 0.544791413385533, and a **standard error** of 0.00115339598098238.

The **M_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.359621496923402, **median** = -0.351479283148021, **standard deviation** = 0.0710183258550142, **min value** = -0.655343449655951, **max value** = -0.164673209736004, which accounts for **range** = 0.490670239919947. It has a **skewness** of -0.525005812329441, a **kurtosis** of -0.0737804979954872, and a **standard error** of 0.000621106665495283.

The **M_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.751718641460861, **median** = 0.765962357408605, **standard deviation** = 0.112721170642459, **min value** = 0.272135180691688, **max value** = 0.950392983582358, which accounts for **range** = 0.67825780289067. It has a **skewness** of -0.565049306537454, a **kurtosis** of -0.234586081175706, and a **standard error** of 0.000985828229341728.

The **M_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.902151275343284, **median** = 0.898920162343315, **standard deviation** = 0.065209765107607, **min value** = 0.470822100800961, **max value** = 1.06493705246001, which accounts for **range** = 0.594114951659049.

It has a **skewness** of -0.291471298599971, a **kurtosis** of 0.782131522021125, and a **standard error** of 0.000570306597291561.

The **M_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.511869439710531, **median** = 0.514105399368759, **standard deviation** = 0.172839396113394, **min value** = 0.117280755370189, **max value** = 0.952233805602277, which accounts for **range** = 0.834953050232088. It has a **skewness** of -0.0169227543624817, a **kurtosis** of -0.874949381007344, and a **standard error** of 0.00151160562705139.

The **M_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -36.2633287154075, **median** = -36.4899559506856, **standard deviation** = 19.2130053440328, **min value** = -132.707506057059, **max value** = 120.298338693257, which accounts for **range** = 253.005844750316. It has a **skewness** of 0.292890648659021, a **kurtosis** of 2.56917353830655, and a **standard error** of 0.168031638872162.

The **M_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 405.755963752682, **median** = 386.85204705519, **standard deviation** = 225.999457898853, **min value** = 4.9861694412274, **max value** = 1445.36564079718, which accounts for **range** = 1440.37947135595. It has a **skewness** of 0.729245577877571, a **kurtosis** of 0.604764599361739, and a **standard error** of 1.97652884673551.

The **M_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00781986753798902, **median** = -0.0047479355599853, **standard deviation** = 0.0253319528739579, **min value** = -0.139333201815423, **max value** = 0.177341425630557, which accounts for **range** = 0.31667462744598. It has a **skewness** of -0.203685108536685, a **kurtosis** of 2.08581124922286, and a **standard error** of 0.00022154626415932.

The **M_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.92581719667658, **median** = 4.85879382790442, **standard deviation** = 0.937240712662852, **min value** = 2.11015431324191, **max value** = 8.80102969238375, which accounts for **range** = 6.69087537914184. It has a **skewness** of 0.334061734804574, a **kurtosis** of 0.0227235960126122, and a **standard error** of 0.00819684844439833.

The **M_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00288870052277269, **median** = -0.00215331481026835, **standard deviation** = 0.0276738917114796, **min value** = -0.155900108917136, **max value** = 0.156256840121761, which accounts for **range** = 0.312156949038897. It has a **skewness** of 0.0895881870555152, a **kurtosis** of 2.50290305804581, and a **standard error** of 0.000242028214482066.

The **M_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.2165681183021, **median** = 5.14522521411032, **standard deviation** = 0.969285917355872, **min value** = 2.26485855633098, **max value** = 9.07820309792003, which accounts for **range** = 6.81334454158905. It has a **skewness** of 0.33800673635725, a **kurtosis** of 0.139167018691199, and a **standard error** of 0.00847710695503442.

The **M_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000287592716020346, **median** = -0.000152725235739026, **standard deviation** = 0.00445453110714503, **min value** = -0.0369505185348198, **max value** = 0.039303266421616, which accounts for **range** = 0.0762537849564358. It has a **skewness** of -0.175282249395869, a **kurtosis** of 8.23373278439895, and a **standard error** of 3.89580988990395e-05.

The **M_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.63883821477792, **median** = 1.61602471187912, **standard deviation** = 0.357930150716628, **min value** = 0.633239938646913, **max value** = 3.29383216430726, which accounts for **range** = 2.66059222566035. It has a **skewness** of 0.393314042956898, a **kurtosis** of 0.116903623302427, and a **standard error** of 0.00313035825211772.

The **M_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.125972173765918, **median** = 0.114230794023958, **standard deviation** = 0.120297934613266, **min**

value = -0.338990937330524, **max value** = 0.90849612542707, which accounts for **range** = 1.24748706275759. It has a **skewness** of 0.660427358481295, a **kurtosis** of 1.67629871021124, and a **standard error** of 0.00105209251463001.

The **M_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 11.7713489972135, **median** = 11.6852949864719, **standard deviation** = 2.07089479682738, **min value** = 4.2606200257352, **max value** = 19.3506065122102, which accounts for **range** = 15.089986486475. It has a **skewness** of 0.246484567856417, a **kurtosis** of -0.0861845230589031, and a **standard error** of 0.018111473994401.

The **M_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.143961517818081, **median** = 0.130542452206747, **standard deviation** = 0.128056885132933, **min value** = -0.642331395848591, **max value** = 0.899525520874016, which accounts for **range** = 1.54185691672261. It has a **skewness** of 0.64934466170614, a **kurtosis** of 1.301225256862, and a **standard error** of 0.00111995015316196.

The **M_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 12.0203268589894, **median** = 11.8963160533115, **standard deviation** = 2.13321325557055, **min value** = 4.94027005768892, **max value** = 21.3973493820599, which accounts for **range** = 16.457079324371. It has a **skewness** of 0.309544823206979, a **kurtosis** of 0.0401937366838552, and a **standard error** of 0.0186564940246929.

The **M_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0153597944873132, **median** = 0.0124824791258055, **standard deviation** = 0.027089400380639, **min value** = -0.127158990432364, **max value** = 0.25658905580927, which accounts for **range** = 0.383748046241634. It has a **skewness** of 0.774544859204184, a **kurtosis** of 3.34533249455549, and a **standard error** of 0.000236916414715758.

The **M_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.80343925857405, **median** = 4.78886645173706, **standard deviation** = 0.818640083653204, **min value** = 1.81607498905579, **max value** = 8.61932420229779, which accounts for **range** = 6.803249213242. It has a **skewness** of 0.168151807945579, a **kurtosis** of 0.524442931047131, and a **standard error** of 0.00715960009584936.

The **Ye_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.57873231751262, **median** = 3.46181816150116, **standard deviation** = 0.865126823217878, **min value** = 1.43423007096881, **max value** = 8.47358309317963, which accounts for **range** = 7.03935302221082. It has a **skewness** of 0.703287115392851, a **kurtosis** of 0.517397051781195, and a **standard error** of 0.00756616028229628.

The **Ye_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.78840042953176, **median** = 3.62154486185297, **standard deviation** = 0.810740736441182, **min value** = 1.39867458311628, **max value** = 10.0019811647639, which accounts for **range** = 8.60330658164762. It has a **skewness** of 1.65333543055839, a **kurtosis** of 5.11511398042785, and a **standard error** of 0.00709051458661806.

The **Ye_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.62308285351057, **median** = 3.46700509906793, **standard deviation** = 1.32677508568738, **min value** = -0.368151409583267, **max value** = 15.3871346149773, which accounts for **range** = 15.7552860245606. It has a **skewness** of 1.19270384990483, a **kurtosis** of 3.93746270380221, and a **standard error** of 0.0116036084969937.

The **Ye_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 28.4500787420726, **median** = 21.779480789488, **standard deviation** = 24.9027504518314, **min value** = 0.506792793815628, **max value** = 369.671400201209, which accounts for **range** = 369.164607407393. It has a **skewness** of 3.75891350121995, a **kurtosis** of 26.200801323648, and a **standard error** of 0.217792578304014.

The **Ye_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.147278392428807, **median** = 0.143790494033957, **standard deviation** = 0.0301362812086936, **min value**

= 0.0796854873947282, **max value** = 0.282523924597419, which accounts for **range** = 0.202838437202691. It has a **skewness** of 0.463786973888246, a **kurtosis** of -0.415103478967038, and a **standard error** of 0.000263563593010807.

The **Ye_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.24335822759803, **median** = 3.255047463584, **standard deviation** = 0.221691255023061, **min value** = 2.33537555490313, **max value** = 3.94842473021701, which accounts for **range** = 1.61304917531388. It has a **skewness** of -0.247387394997166, a **kurtosis** of -0.295655677356212, and a **standard error** of 0.00193885049413786.

The **Ye_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.616902645607958, **median** = 0.665927118966464, **standard deviation** = 0.212621675459065, **min value** = 0.0850032423681977, **max value** = 0.981779691314112, which accounts for **range** = 0.896776448945914. It has a **skewness** of -0.609199726318049, a **kurtosis** of -0.631830576975208, and a **standard error** of 0.00185953045592775.

The **Ye_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.96812815755508, **median** = 0.849883115273012, **standard deviation** = 0.516820998751195, **min value** = 0.0685457346104337, **max value** = 2.86703764265687, which accounts for **range** = 2.79849190804644. It has a **skewness** of 0.838208700194411, a **kurtosis** of 0.136181432587896, and a **standard error** of 0.00451997372970504.

The **Ye_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.332738166965882, **median** = 0.268079005441419, **standard deviation** = 0.224104304649325, **min value** = 0.0243662589638119, **max value** = 1.61077739980563, which accounts for **range** = 1.58641114084182. It has a **skewness** of 1.33891748493737, a **kurtosis** of 2.05222824661685, and a **standard error** of 0.00195995435978098.

The **Ye_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.901217809450972, **median** = 0.919567418791948, **standard deviation** = 0.063738998187167, **min value** = 0.662499635009716, **max value** = 0.995730666234774, which accounts for **range** = 0.333231031225058. It has a **skewness** of -0.98354471056069, a **kurtosis** of 0.294276818375107, and a **standard error** of 0.00055744367597263.

The **Ye_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.463382010138166, **median** = 0.462026627790233, **standard deviation** = 0.0564579658660054, **min value** = 0.152582596017304, **max value** = 0.842606500016051, which accounts for **range** = 0.690023903998747. It has a **skewness** of 0.276813666679788, a **kurtosis** of 1.70388323567407, and a **standard error** of 0.000493765778022846.

The **Ye_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.309567838532319, **median** = 0.257729589040083, **standard deviation** = 0.198978349270698, **min value** = 0.0166002539362035, **max value** = 1.35711107802331, which accounts for **range** = 1.34051082408711. It has a **skewness** of 1.15713376790964, a **kurtosis** of 1.4166070027221, and a **standard error** of 0.00174020969282752.

The **Ye_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.47342994437365, **median** = 2.32830130084714, **standard deviation** = 0.449740902825132, **min value** = 2.01554999157051, **max value** = 7.20668421919366, which accounts for **range** = 5.19113422762315. It has a **skewness** of 2.75816145869816, a **kurtosis** of 11.5589873113904, and a **standard error** of 0.00393330973558613.

The **Ye_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.905006542357093, **median** = 0.761773077879228, **standard deviation** = 0.575572013152162, **min value** = 0.0384322129497485, **max value** = 3.94107323359107, which accounts for **range** = 3.90264102064132. It has a **skewness** of 1.0997725711606, a **kurtosis** of 1.23882721090578, and a **standard error** of 0.005033793876966.

The **Ye_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics:

mean = 0.780696253265158, **median** = 0.703230966114129, **standard deviation** = 0.383612787422999, **min value** = 0.0621396699256909, **max value** = 2.0215938249142, which accounts for **range** = 1.95945415498851. It has a **skewness** of 0.679958468507982, a **kurtosis** of -0.226510903909836, and a **standard error** of 0.00335497150023042.

The **Ye_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.259022352846649, **median** = 0.232619638406398, **standard deviation** = 0.13522938979886, **min value** = 0.0242430234192162, **max value** = 0.85693128225618, which accounts for **range** = 0.832688258836964. It has a **skewness** of 0.744968105535426, a **kurtosis** of 0.180921874433789, and a **standard error** of 0.00118267889821007.

The **Ye_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.532349155004295, **median** = 0.503013247435695, **standard deviation** = 0.219275041432645, **min value** = 0.0513435817940995, **max value** = 1.18603633429166, which accounts for **range** = 1.13469275249756. It has a **skewness** of 0.346446328910786, a **kurtosis** of -0.708180146020255, and a **standard error** of 0.00191771895733803.

The **Ye_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.157504346232336, **median** = -0.156304464266169, **standard deviation** = 0.0390263213258182, **min value** = -0.492215564203694, **max value** = -0.0622304751639402, which accounts for **range** = 0.429985089039754. It has a **skewness** of -0.552875758974374, a **kurtosis** of 1.11291788158329, and a **standard error** of 0.000341313428800223.

The **Ye_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.356505193194532, **median** = 0.362767135778282, **standard deviation** = 0.0624138668089328, **min value** = 0.0809638151942391, **max value** = 0.609971912173218, which accounts for **range** = 0.529008096978979. It has a **skewness** of -0.452589098433908, a **kurtosis** of 0.116702323072495, and a **standard error** of 0.000545854442887095.

The **Ye_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.690823524308766, **median** = 0.690792966416222, **standard deviation** = 0.11827976396835, **min value** = 0.024680293413402, **max value** = 1.11722275924207, which accounts for **range** = 1.09254246582867. It has a **skewness** of 0.0174956174946275, a **kurtosis** of 0.402426415525886, and a **standard error** of 0.00103444215150791.

The **Ye_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.752507251652292, **median** = 0.811367712305028, **standard deviation** = 0.179321901912722, **min value** = 0.149690530723024, **max value** = 0.990838107008799, which accounts for **range** = 0.841147576285775. It has a **skewness** of -1.19408596854402, a **kurtosis** of 0.681161349303554, and a **standard error** of 0.00156829983256243.

The **Ye_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.05149769944174, **median** = 2.70101980382666, **standard deviation** = 1.74782886969503, **min value** = -0.869877590394576, **max value** = 15.5431188176766, which accounts for **range** = 16.4129964080712. It has a **skewness** of 1.01128266877331, a **kurtosis** of 1.28338605311691, and a **standard error** of 0.0152860286136416.

The **Ye_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 20.2508234492228, **median** = 17.2041941176, **standard deviation** = 13.1429307770301, **min value** = 0.759853139565693, **max value** = 117.71467232989, which accounts for **range** = 116.954819190324. It has a **skewness** of 1.31090079643677, a **kurtosis** of 2.48896420073628, and a **standard error** of 0.114944443021958.

The **Ye_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000427736908626507, **median** = 4.67979055681012e-05, **standard deviation** = 0.00508778334488801, **min value** = -0.0293549064400756, **max value** = 0.0347062449800603, which accounts for **range** = 0.0640611514201359. It has a **skewness** of -0.557610104767987, a **kurtosis** of 2.71161886572702, and a **standard error** of 4.44963480912964e-05.

The **Ye_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.15316774477549, **median** = 1.12088093890008, **standard deviation** = 0.262086584000742, **min value** = 0.373788508607415, **max value** = 3.36841684551979, which accounts for **range** = 2.99462833691237. It has a **skewness** of 1.0362064925209, a **kurtosis** of 2.42619815072219, and a **standard error** of 0.0022921368857959.

The **Ye_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00148432144484509, **median** = -0.000732164559718961, **standard deviation** = 0.00543455293697254, **min value** = -0.0322686090747785, **max value** = 0.0283866831035073, which accounts for **range** = 0.0606552921782858. It has a **skewness** of -0.893693763868341, a **kurtosis** of 2.43846960767011, and a **standard error** of 4.75290991797196e-05.

The **Ye_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.18593024774584, **median** = 1.15575690791819, **standard deviation** = 0.256974157531666, **min value** = 0.400165009307343, **max value** = 2.83111524343598, which accounts for **range** = 2.43095023412864. It has a **skewness** of 0.904265726693621, a **kurtosis** of 1.89386022437963, and a **standard error** of 0.0022474250157459.

The **Ye_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -4.93628330826403e-05, **median** = -2.11278525402084e-05, **standard deviation** = 0.00093611428933302, **min value** = -0.00792315604492765, **max value** = 0.0071493304089135, which accounts for **range** = 0.0150724864538412. It has a **skewness** of -0.278671560081557, a **kurtosis** of 5.18752344583262, and a **standard error** of 8.18699705702887e-06.

The **Ye_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.473065751822422, **median** = 0.454644200391726, **standard deviation** = 0.114971237976074, **min value** = 0.200000490480909, **max value** = 1.36557027897395, which accounts for **range** = 1.16556978849304. It has a **skewness** of 1.07741856221405, a **kurtosis** of 2.26246260499407, and a **standard error** of 0.00100550669686255.

The **Ye_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0405414956515187, **median** = 0.0279517239961303, **standard deviation** = 0.0436215382763649, **min value** = -0.0835352205105136, **max value** = 0.305785061513409, which accounts for **range** = 0.389320282023923. It has a **skewness** of 1.48821220998045, a **kurtosis** of 2.84174824591469, and a **standard error** of 0.000381501927233827.

The **Ye_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.7696442733904, **median** = 1.73162166196929, **standard deviation** = 0.338380338164441, **min value** = 0.575690993016919, **max value** = 4.10141319229247, which accounts for **range** = 3.52572219927555. It has a **skewness** of 0.909552811393115, a **kurtosis** of 2.28968632409766, and a **standard error** of 0.00295938099041578.

The **Ye_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0466793980774961, **median** = 0.0323693550058155, **standard deviation** = 0.0468335712298295, **min value** = -0.0717634061359288, **max value** = 0.333425041458362, which accounts for **range** = 0.405188447594291. It has a **skewness** of 1.39074142276836, a **kurtosis** of 2.14300421357588, and a **standard error** of 0.000409593480409275.

The **Ye_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.7483957730757, **median** = 1.71366897125953, **standard deviation** = 0.336467996485563, **min value** = 0.62173471082512, **max value** = 3.99745236357068, which accounts for **range** = 3.37571765274556. It has a **skewness** of 0.861079013624962, a **kurtosis** of 2.09618049602797, and a **standard error** of 0.0029426561782049.

The **Ye_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00194737012784246, **median** = 0.00191424739992089, **standard deviation** = 0.00767366044226194, **min value** = -0.0385591677123674, **max value** = 0.0491337357078635, which accounts for **range** = 0.0876929034202309. It has a **skewness** of 0.0830293425256841, a **kurtosis** of

2.36134316538789, and a **standard error** of 6.71117150686798e-05.

The **Ye_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.986710579635257, **median** = 0.964505987006774, **standard deviation** = 0.207686508735681, **min value** = 0.380097839181222, **max value** = 2.67684526819027, which accounts for **range** = 2.29674742900905. It has a **skewness** of 0.892978949003836, a **kurtosis** of 2.21836831218764, and a **standard error** of 0.00181636885066149.

The **Ye_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.46963918475467, **median** = 6.87837624209575, **standard deviation** = 4.49783435820567, **min value** = 0, **max value** = 52.3076923076923, which accounts for **range** = 52.3076923076923. It has a **skewness** of 1.2047346762663, a **kurtosis** of 3.65498770387615, and a **standard error** of 0.0393368171741829.

The **Ye_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.93297835486756, **median** = 7.79535634609313, **standard deviation** = 3.6485449384538, **min value** = 0, **max value** = 44.4848000545966, which accounts for **range** = 44.4848000545966. It has a **skewness** of 0.795301420325644, a **kurtosis** of 6.00928974621766, and a **standard error** of 0.0319091664489404.

The **Ye_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.08032005928631, **median** = 1.95086826554518, **standard deviation** = 1.31239529445649, **min value** = -3, **max value** = 9.85826594376605, which accounts for **range** = 12.858265943766. It has a **skewness** of 0.746528528621184, a **kurtosis** of 1.09685713270799, and a **standard error** of 0.0114778468140138.

The **Ye_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.55722568809272, **median** = 6.05961495771488, **standard deviation** = 11.3508342575958, **min value** = -3, **max value** = 150.992358623915, which accounts for **range** = 153.992358623915. It has a **skewness** of 2.74185808614683, a **kurtosis** of 12.6648610746129, and a **standard error** of 0.0992712617686577.

The **Ye_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.177417657333362, **median** = 0.0927292027641184, **standard deviation** = 0.242376968760144, **min value** = 0.0172287023441254, **max value** = 1, which accounts for **range** = 0.982771297655875. It has a **skewness** of 2.79632591495026, a **kurtosis** of 6.67469442267323, and a **standard error** of 0.00211976203391224.

The **Ye_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.76673682684615, **median** = 4.09982713434319, **standard deviation** = 1.23847292339437, **min value** = 0, **max value** = 6.09664675345078, which accounts for **range** = 6.09664675345078. It has a **skewness** of -1.94580603697401, a **kurtosis** of 3.52602906218458, and a **standard error** of 0.0108313421711188.

The **Ye_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.426795433860043, **median** = 0.380991301678965, **standard deviation** = 0.245071318618347, **min value** = 0.0339848749953924, **max value** = 1, which accounts for **range** = 0.966015125004608. It has a **skewness** of 0.815325820656532, a **kurtosis** of -0.019882582331155, and a **standard error** of 0.00214332607369998.

The **Ye_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.51105161749588, **median** = 1.54964529217139, **standard deviation** = 0.703408715271173, **min value** = -5.55111512312578e-17, **max value** = 3.56665403909474, which accounts for **range** = 3.56665403909474. It has a **skewness** of -0.323903729047409, a **kurtosis** of -0.195078918374358, and a **standard error** of 0.00615181837029396.

The **Ye_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.984446896511003, **median** = 0.578961884383857, **standard deviation** = 1.46258423193974, **min value** = 0, **max value** = 25.55, which accounts for **range** = 25.55. It has a **skewness** of 5.5441831050005, a **kurtosis** of 47.7805498145369, and a **standard error** of 0.0127913577850404.

The **Ye_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.841019766240269, **median** = 0.850799665190225, **standard deviation** = 0.0965903917282405, **min value** = 0.291765873015873, **max value** = 1, which accounts for **range** = 0.708234126984127. It has a **skewness** of -1.12141655387724, a **kurtosis** of 2.78276266805139, and a **standard error** of 0.000844752891636558.

The **Ye_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.522949020917298, **median** = 0.5550935040192, **standard deviation** = 0.197121717361144, **min value** = -0.255578892459487, **max value** = 0.956264957860523, which accounts for **range** = 1.21184385032001. It has a **skewness** of -1.36256975654347, a **kurtosis** of 1.75409110287484, and a **standard error** of 0.00172397210287434.

The **Ye_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00188336679824, **median** = 0.743000616195273, **standard deviation** = 0.970878628804955, **min value** = 0, **max value** = 11.0069444444444, which accounts for **range** = 11.0069444444444. It has a **skewness** of 2.55929598135075, a **kurtosis** of 9.74149162931434, and a **standard error** of 0.00849103636952464.

The **Ye_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.26682583823195, **median** = 2.97877344494187, **standard deviation** = 1.08620514652961, **min value** = 2, **max value** = 11.9621212121212, which accounts for **range** = 9.9621212121212. It has a **skewness** of 1.83528460855031, a **kurtosis** of 5.38719660899962, and a **standard error** of 0.00949965024495421.

The **Ye_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.08839101009815, **median** = 2.35229834843984, **standard deviation** = 2.82758926262133, **min value** = 0, **max value** = 27.7603590515727, which accounts for **range** = 27.7603590515727. It has a **skewness** of 2.22294494628779, a **kurtosis** of 7.30740360234538, and a **standard error** of 0.0247293148233654.

The **Ye_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.2395424139354, **median** = 1.28572261720862, **standard deviation** = 0.55521903127476, **min value** = -5.55111512312578e-17, **max value** = 2.61539639695142, which accounts for **range** = 2.61539639695142. It has a **skewness** of -0.48286245488965, a **kurtosis** of -0.130560967036816, and a **standard error** of 0.0048557923181491.

The **Ye_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.641790357145797, **median** = 0.439815576376436, **standard deviation** = 0.697488532143452, **min value** = 0, **max value** = 11.7872222222222, which accounts for **range** = 11.7872222222222. It has a **skewness** of 4.05969930637877, a **kurtosis** of 29.888411877839, and a **standard error** of 0.00610004208357768.

The **Ye_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.742056482857916, **median** = 0.752521548952918, **standard deviation** = 0.32189710705146, **min value** = -5.55111512312578e-17, **max value** = 1.81233815491181, which accounts for **range** = 1.81233815491181. It has a **skewness** of -0.294705119262379, a **kurtosis** of 0.594273553650673, and a **standard error** of 0.00281522320311348.

The **Ye_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.23690145423747, **median** = -0.232049846213152, **standard deviation** = 0.0991652726570726, **min value** = -0.859558132932783, **max value** = 0, which accounts for **range** = 0.859558132932783. It has a **skewness** of -0.166589007617579, a **kurtosis** of 3.50045643134038, and a **standard error** of 0.000867272089160579.

The **Ye_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.553863948722125, **median** = 0.586321128402509, **standard deviation** = 0.20020053857441, **min value** = 0, **max value** = 0.971384981082573, which accounts for **range** = 0.971384981082573. It has a **skewness** of -1.30607361448322, a **kurtosis** of 1.85659593645093, and a **standard error** of 0.00175089862295779.

The **Ye_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.66453145479571, **median** = 0.735436890080004, **standard deviation** = 0.241313871143488, **min value** = 0, **max value** = 1.07202892439571, which accounts for **range** = 1.07202892439571. It has a **skewness** of -1.60510013220103, a **kurtosis** of 1.97078958305208, and a **standard error** of 0.00211046447574219.

The **Ye_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.588693726046014, **median** = 0.592592029984849, **standard deviation** = 0.218695783165386, **min value** = 0.0681586600384554, **max value** = 1, which accounts for **range** = 0.931841339961545. It has a **skewness** of 0.0496891033276551, a **kurtosis** of -0.715373727703542, and a **standard error** of 0.00191265292450064.

The **Ye_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= 10.0809488666871, **median** = 6.62588985560534, **standard deviation** = 11.0209286542763, **min value** = -58.9230216906721, **max value** = 116.93270469002, which accounts for **range** = 175.855726380692. It has a **skewness** of 2.60651778916441, a **kurtosis** of 11.365595832622, and a **standard error** of 0.0963859984688115.

The **Ye_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 90.5296454382091, **median** = 50.5501366861777, **standard deviation** = 118.019335425419, **min value** = 0, **max value** = 1523.71947111907, which accounts for **range** = 1523.71947111907. It has a **skewness** of 3.38300496797973, a **kurtosis** of 17.5104223302063, and a **standard error** of 1.03216451539143.

The **Ye_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00637769947045005, **median** = -0.0012927373473013, **standard deviation** = 0.182562281284717, **min value** = -3.28167834467828, **max value** = 5.9081037752663, which accounts for **range** = 9.18978211994458. It has a **skewness** of 3.34593078838027, a **kurtosis** of 185.816544113497, and a **standard error** of 0.0015966392956862.

The **Ye_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.09936783411712, **median** = 1.90953159690259, **standard deviation** = 1.27034358402335, **min value** = 0, **max value** = 18.0291955032752, which accounts for **range** = 18.0291955032752. It has a **skewness** of 2.33657581108209, a **kurtosis** of 14.7550669710115, and a **standard error** of 0.0111100741675729.

The **Ye_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00452704836769722, **median** = 0, **standard deviation** = 0.183559662523551, **min value** = -3.02223332818936, **max value** = 6.55281207356085, which accounts for **range** = 9.57504540175021. It has a **skewness** of 4.48909946116331, a **kurtosis** of 238.093968252991, and a **standard error** of 0.00160536211656407.

The **Ye_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.03933645920886, **median** = 1.86881514065329, **standard deviation** = 1.19105438607712, **min value** = 0, **max value** = 15.9926010037454, which accounts for **range** = 15.9926010037454. It has a **skewness** of 2.07043871759663, a **kurtosis** of 12.2354354585331, and a **standard error** of 0.0104166327388533.

The **Ye_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00090438488606439, **median** = 0, **standard deviation** = 0.0427878332056988, **min value** = -2.23329882634639, **max value** = 0.890379082824273, which accounts for **range** = 3.12367790917066. It has a **skewness** of -12.5752783152445, a **kurtosis** of 670.409225361761, and a **standard error** of 0.000374210572921912.

The **Ye_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.876164739796888, **median** = 0.779360356694113, **standard deviation** = 0.55763644067874, **min value** = 0, **max value** = 7.93091464874158, which accounts for **range** = 7.93091464874158. It has a **skewness** of 2.45622014866052, a **kurtosis** of 15.5481250950012, and a **standard error** of 0.00487693431320412.

The **Ye_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.413797192923388, **median** = 0.203787431471965, **standard deviation** = 0.773343997031306, **min value** = -8.54859229641991, **max value** = 14.3970498013552, which accounts for **range** = 22.9456420977751. It has a **skewness** of 4.65658280493586, a **kurtosis** of 47.8948599309347, and a **standard error** of 0.00676345303122906.

The **Ye_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.06462047413472, **median** = 2.94776859747649, **standard deviation** = 1.46574812756357, **min value** = 0, **max value** = 25.2744011812692, which accounts for **range** = 25.2744011812692. It has a **skewness** of 1.13345240216253, a **kurtosis** of 9.44848371484081, and a **standard error** of 0.0128190283424245.

The **Ye_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.388523068337589, **median** = 0.194787989251959, **standard deviation** = 0.717058893802833, **min value** = -6.21144082227868, **max value** = 13.8884293173913, which accounts for **range** = 20.09987013967. It has a **skewness** of 4.91787386244887, a **kurtosis** of 49.2299070572685, and a **standard error** of 0.00627119906209629.

The **Ye_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.95203951362194, **median** = 2.84643684495034, **standard deviation** = 1.39171536050595, **min value** = 0, **max value** = 17.514542434725, which accounts for **range** = 17.514542434725. It has a **skewness** of 0.837425891402086, a **kurtosis** of 5.22501418305995, and a **standard error** of 0.0121715582066398.

The **Ye_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0540546884475776, **median** = 0.0232700981779275, **standard deviation** = 0.182180557077448, **min value** = -3.77046834734227, **max value** = 3.96646455193356, which accounts for **range** = 7.73693289927583. It has a **skewness** of 3.86688494694773, a **kurtosis** of 92.3859944907081, and a **standard error** of 0.00159330084118644.

The **Ye_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.67039314110057, **median** = 1.58886115072561, **standard deviation** = 0.85438754222575, **min value** = 0, **max value** = 12.2567177529285, which accounts for **range** = 12.2567177529285. It has a **skewness** of 1.2683153178533, a **kurtosis** of 7.81549467430249, and a **standard error** of 0.00747223749650075.

The **Ye_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.46577925195574, **median** = 4.12221463106792, **standard deviation** = 1.57653009527327, **min value** = 1.76924167257264, **max value** = 22.5725014442519, which accounts for **range** = 20.8032597716793. It has a **skewness** of 3.093725655901, a **kurtosis** of 14.6149456119504, and a **standard error** of 0.0137878968384469.

The **Ye_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.38744510581016, **median** = 5.11679010623821, **standard deviation** = 1.7080469760725, **min value** = 2.11610306550872, **max value** = 20.9352919269905, which accounts for **range** = 18.8191888614818. It has a **skewness** of 1.80319808594164, a **kurtosis** of 5.33888477182207, and a **standard error** of 0.0149381071581933.

The **Ye_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.70125070261686, **median** = 3.56857566215692, **standard deviation** = 1.49136519490638, **min value** = -0.189034387561191, **max value** = 14.7360397060153, which accounts for **range** = 14.9250740935765. It has a **skewness** of 0.785511408687728, a **kurtosis** of 1.64254997737518, and a **standard error** of 0.0130430681389911.

The **Ye_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 30.0006813153448, **median** = 23.2797187623739, **standard deviation** = 26.4967891314888, **min value** = -1.69334558289222, **max value** = 360.00384022967, which accounts for **range** = 361.697185812562. It has a **skewness** of 2.57922195953236, a **kurtosis** of 12.7562611347135, and a **standard error** of 0.231733600386311.

The **Ye_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.123408014838162, **median** = 0.12084477863948, **standard deviation** = 0.0287915432339203, **min value** = 0.0282750190407313, **max value** = 0.25262443342451, which accounts for **range** = 0.224349414383779. It has a **skewness** of 0.308827436525803, a **kurtosis** of 0.440857724028412, and a **standard error** of 0.000251802886046503.

The **Ye_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.57357144869829, **median** = 3.53021183034689, **standard deviation** = 0.343197921565322, **min value** = 2.55201380521811, **max value** = 5.52891783795931, which accounts for **range** = 2.9769040327412. It has a **skewness** of 1.26506415426531, a **kurtosis** of 2.79472048315938, and a **standard error** of 0.00300151424441525.

The **Ye_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.688420898506685, **median** = 0.732489547989563, **standard deviation** = 0.172968177243756, **min value** = 0.0869160082567312, **max value** = 0.979432237875179, which accounts for **range** = 0.892516229618448. It has a **skewness** of -1.06071025644518, a **kurtosis** of 0.697855736606306, and a **standard error** of 0.00151273191125332.

The **Ye_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.806053800015274, **median** = 0.703975431336308, **standard deviation** = 0.420627080178383, **min value**

= 0.0703324027024713, **max value** = 2.81978103331715, which accounts for **range** = 2.74944863061468. It has a **skewness** of 1.23706686367492, a **kurtosis** of 1.65790359940609, and a **standard error** of 0.00367868828279576.

The **Ye_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.230328019003814, **median** = 0.19505245148478, **standard deviation** = 0.147053213498251, **min value** = 0.0272405240756686, **max value** = 1.50806307330861, which accounts for **range** = 1.48082254923294. It has a **skewness** of 2.70930585353016, a **kurtosis** of 11.259621502139, and a **standard error** of 0.00128608679501583.

The **Ye_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.931489734208376, **median** = 0.941602201036979, **standard deviation** = 0.0427569189559135, **min value** = 0.675501536081863, **max value** = 0.994985463634983, which accounts for **range** = 0.31948392755312. It has a **skewness** of -2.06962714620068, a **kurtosis** of 5.77459177352075, and a **standard error** of 0.000373940205430574.

The **Ye_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.527228091757076, **median** = 0.49867901093465, **standard deviation** = 0.121386061404572, **min value** = 0.161923087845542, **max value** = 0.976722413069478, which accounts for **range** = 0.814799325223936. It has a **skewness** of 0.939526108566822, a **kurtosis** of 0.483481186506854, and a **standard error** of 0.0010616089710495.

The **Ye_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.280493797476923, **median** = 0.211340246974107, **standard deviation** = 0.232256795125112, **min value** = 0.021526026171986, **max value** = 4.35882644211335, which accounts for **range** = 4.33730041594136. It has a **skewness** of 3.15418338845811, a **kurtosis** of 21.5396899556202, and a **standard error** of 0.00203125379008909.

The **Ye_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.38574561975738, **median** = 2.26538360096764, **standard deviation** = 0.373610764657253, **min value** = 2.01590548556506, **max value** = 6.29522608244807, which accounts for **range** = 4.27932059688301. It has a **skewness** of 3.00040716150728, a **kurtosis** of 13.0642607786062, and a **standard error** of 0.00326749657128148.

The **Ye_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.893110650602035, **median** = 0.638874492319015, **standard deviation** = 0.836535219555824, **min value** = 0.0519247111342334, **max value** = 17.1692766874733, which accounts for **range** = 17.1173519763391. It has a **skewness** of 3.79669119734904, a **kurtosis** of 31.0913413814995, and a **standard error** of 0.00731610601252998.

The **Ye_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.674612670672243, **median** = 0.594527933445533, **standard deviation** = 0.336225968034526, **min value** = 0.0639240479767156, **max value** = 2.06686969477512, which accounts for **range** = 2.0029456467984. It has a **skewness** of 1.08901251031586, a **kurtosis** of 0.960042880832622, and a **standard error** of 0.00294053946421075.

The **Ye_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.195745800817019, **median** = 0.176958971203148, **standard deviation** = 0.0951784574786003, **min value** = 0.0270620169809319, **max value** = 0.853629952512357, which accounts for **range** = 0.826567935531425. It has a **skewness** of 1.65692135334342, a **kurtosis** of 4.48997560849216, and a **standard error** of 0.000832404504609202.

The **Ye_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.42654321610324, **median** = 0.403576620676505, **standard deviation** = 0.163905932509623, **min value** = 0.0586809839085266, **max value** = 1.16667651041518, which accounts for **range** = 1.10799552650665. It has a **skewness** of 0.991016886336492, a **kurtosis** of 1.44997089994424, and a **standard error** of 0.0014334760214396.

The **Ye_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

-0.229004113192145, **median** = -0.207460112035518, **standard deviation** = 0.091622971876954, **min value** = -0.708287164312649, **max value** = -0.0671318376300127, which accounts for **range** = 0.641155326682636. It has a **skewness** of -1.37974348430043, a **kurtosis** of 1.92783045457973, and a **standard error** of 0.000801309209420698.

The **Ye_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.407002465259193, **median** = 0.377217977442924, **standard deviation** = 0.138031796217151, **min value** = 0.0774742466611263, **max value** = 0.915395927284259, which accounts for **range** = 0.837921680623133. It has a **skewness** of 1.19955341852852, a **kurtosis** of 1.33281673759796, and a **standard error** of 0.00120718797083142.

The **Ye_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745424069468658, **median** = 0.754793340753033, **standard deviation** = 0.137863385584209, **min value** = 0.0230934164664449, **max value** = 1.19285003235137, which accounts for **range** = 1.16975661588493. It has a **skewness** of -0.359130178143655, a **kurtosis** of -0.136090644394709, and a **standard error** of 0.00120571509794401.

The **Ye_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.812194387906531, **median** = 0.853147872517839, **standard deviation** = 0.134365937598471, **min value** = 0.167943848512825, **max value** = 0.989642042242546, which accounts for **range** = 0.821698193729721. It has a **skewness** of -1.82629521484417, a **kurtosis** of 3.79709541476733, and a **standard error** of 0.00117512738371657.

The **Ye_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.04717562142526, **median** = 2.33111343337487, **standard deviation** = 2.50922670438764, **min value** = -2.99793250469968, **max value** = 42.8634648957318, which accounts for **range** = 45.8613974004315. It has a **skewness** of 3.00021582217417, a **kurtosis** of 16.8775032393107, and a **standard error** of 0.0219450038081106.

The **Ye_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 19.4556824243892, **median** = 14.0343992392556, **standard deviation** = 18.8523986838293, **min value** = 0.891199418807027, **max value** = 398.346063239725, which accounts for **range** = 397.454863820918. It has a **skewness** of 4.38063437314941, a **kurtosis** of 42.0705395505225, and a **standard error** of 0.164877872607217.

The **Ye_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00900454688046456, **median** = 0.00649578714605743, **standard deviation** = 0.0102341711840116, **min value** = -0.0295536517725302, **max value** = 0.0916739739455495, which accounts for **range** = 0.12122762571808. It has a **skewness** of 1.90462216095426, a **kurtosis** of 6.42935103869798, and a **standard error** of 8.95052349049501e-05.

The **Ye_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.46601301423863, **median** = 1.44100050926939, **standard deviation** = 0.282070630103369, **min value** = 0.533738193441568, **max value** = 3.07985612230606, which accounts for **range** = 2.54611792886449. It has a **skewness** of 0.629703979484212, a **kurtosis** of 0.996171273452433, and a **standard error** of 0.00246691183421198.

The **Ye_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0101133823770281, **median** = 0.00715858200501601, **standard deviation** = 0.0110242813762863, **min value** = -0.019066452183373, **max value** = 0.0928753623460934, which accounts for **range** = 0.111941814529466. It has a **skewness** of 1.75758101456233, a **kurtosis** of 4.47902243280261, and a **standard error** of 9.6415320449623e-05.

The **Ye_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.47526370496352, **median** = 1.45400357572823, **standard deviation** = 0.277731704019573, **min value** = 0.531370702686083, **max value** = 3.2774128105272, which accounts for **range** = 2.74604210784112. It has a **skewness** of 0.624485987356823, a **kurtosis** of 1.18644522819347, and a **standard error** of 0.00242896478492165.

The **Ye_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000174798369934474, **median** = 4.11589432676557e-05, **standard deviation** = 0.00158452875430305, **min value** = -0.0109901375614088, **max value** = 0.0177293718432935, which accounts for **range** = 0.0287195094047023. It has a **skewness** of 1.44801573909748, a **kurtosis** of 10.2276480294368, and a **standard error** of 1.38578509014104e-05.

The **Ye_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.600374147811611, **median** = 0.583009619734593, **standard deviation** = 0.139142523815717, **min value** = 0.234548909888868, **max value** = 1.34551678030944, which accounts for **range** = 1.11096787042057. It has a **skewness** of 0.749371468868818, a **kurtosis** of 0.79707337165725, and a **standard error** of 0.00121690208766976.

The **Ye_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.029321322183978, **median** = 0.0277559046225518, **standard deviation** = 0.0342855199960184, **min value** = -0.228724656837524, **max value** = 0.211325276670946, which accounts for **range** = 0.44004993350847. It has a **skewness** of 0.0861706009000377, a **kurtosis** of 1.84062701754545, and a **standard error** of 0.000299851689590277.

The **Ye_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37659303497193, **median** = 2.34742583909697, **standard deviation** = 0.375568451549377, **min value** = 0.853495598043456, **max value** = 4.48707363556742, which accounts for **range** = 3.63357803752396. It has a **skewness** of 0.47415638856486, a **kurtosis** of 0.807729750127291, and a **standard error** of 0.00328461796020485.

The **Ye_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0276350485072805, **median** = 0.0261950288428044, **standard deviation** = 0.03403169365435, **min value** = -0.177840141562479, **max value** = 0.199367386673213, which accounts for **range** = 0.377207528235692. It has a **skewness** of 0.0974316745480671, a **kurtosis** of 1.4807464951788, and a **standard error** of 0.00029763179450277.

The **Ye_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.34080093158639, **median** = 2.30524107795627, **standard deviation** = 0.384173664001121, **min value** = 0.949887275368342, **max value** = 4.61635962411791, which accounts for **range** = 3.66647234874957. It has a **skewness** of 0.570221067383001, a **kurtosis** of 0.837838575847388, and a **standard error** of 0.0033598767718909.

The **Ye_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.01384883684864, **median** = 0.0116992341341058, **standard deviation** = 0.0116947612742353, **min value** = -0.0852278843255283, **max value** = 0.0810821699449114, which accounts for **range** = 0.16631005427044. It has a **skewness** of 0.960034055104244, a **kurtosis** of 1.94202433629068, and a **standard error** of 0.000102279152477245.

The **Ye_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.28132129851361, **median** = 1.2624246939571, **standard deviation** = 0.250309874742782, **min value** = 0.480977716972876, **max value** = 2.83185464407366, which accounts for **range** = 2.35087692710078. It has a **skewness** of 0.557608836752123, a **kurtosis** of 0.683926395234059, and a **standard error** of 0.00218914103888376.

The **K_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 17.0125253020739, **median** = 16.4577360152787, **standard deviation** = 4.11330957361253, **min value** = 7.3518732464103, **max value** = 38.712455971822, which accounts for **range** = 31.3605827254117. It has a **skewness** of 0.675237050749603, a **kurtosis** of 0.306038328448115, and a **standard error** of 0.0359738695985597.

The **K_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 13.9987027525888, **median** = 13.8708859448247, **standard deviation** = 1.57475445671636, **min value** = 6.42243625450703, **max value** = 21.8402100541549, which accounts for **range** = 15.4177737996479. It has a **skewness** of 0.578033493214343, a **kurtosis** of 1.07753515115134, and a **standard error** of

0.0137723675939888.

The **K_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.73058641017733, **median** = 1.77484255827812, **standard deviation** = 0.371372640923094, **min value** = -0.536702391246632, **max value** = 3.07160541477278, which accounts for **range** = 3.60830780601941. It has a **skewness** of -0.568271017294085, a **kurtosis** of 0.476668620922529, and a **standard error** of 0.00324792255918314.

The **K_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.08088123266808, **median** = 4.0078462360803, **standard deviation** = 1.37056169306174, **min value** = 0.165301986401383, **max value** = 14.2051305686806, which accounts for **range** = 14.0398285822792. It has a **skewness** of 0.405207711800769, a **kurtosis** of 0.714927738138191, and a **standard error** of 0.011986554072973.

The **K_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0347677158093466, **median** = 0.031373393573708, **standard deviation** = 0.0110171645018546, **min value** = 0.018641592406746, **max value** = 0.109694673170751, which accounts for **range** = 0.091053080764005. It has a **skewness** of 1.44470706621973, a **kurtosis** of 2.44716564318538, and a **standard error** of 9.63530782312402e-05.

The **K_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.32652882369929, **median** = 5.36536386132897, **standard deviation** = 0.263076001207793, **min value** = 4.16932395591186, **max value** = 5.98256719551604, which accounts for **range** = 1.81324323960418. It has a **skewness** of -0.568222576998476, a **kurtosis** of -0.178574302349519, and a **standard error** of 0.00230079005545114.

The **K_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.20209380800312, **median** = 0.181626550730219, **standard deviation** = 0.0840523855002618, **min value** = 0.0625741913566603, **max value** = 0.546098289177401, which accounts for **range** = 0.483524097820741. It has a **skewness** of 0.719976267176853, a **kurtosis** of -0.304863221637599, and a **standard error** of 0.000735098951664541.

The **K_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.26197621607395, **median** = 2.2752513671624, **standard deviation** = 0.287146268165116, **min value** = 1.21332257676821, **max value** = 3.15407183473607, which accounts for **range** = 1.94074925796786. It has a **skewness** of -0.145459312338078, a **kurtosis** of -0.41977789933431, and a **standard error** of 0.00251130196301096.

The **K_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.13266659410232, **median** = 1.12840619550739, **standard deviation** = 0.213068800960921, **min value** = 0.375270171956721, **max value** = 2.24455623258242, which accounts for **range** = 1.8692860606257. It has a **skewness** of 0.141764539280537, a **kurtosis** of 0.0824287061543134, and a **standard error** of 0.00186344089208873.

The **K_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.744212406583284, **median** = 0.740483024774042, **standard deviation** = 0.0413967408949369, **min value** = 0.627077569805927, **max value** = 0.892255434285833, which accounts for **range** = 0.265177864479906. It has a **skewness** of 0.229349616064737, a **kurtosis** of -0.538928846312327, and a **standard error** of 0.000362044463736272.

The **K_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.509190190692069, **median** = 0.505423721795855, **standard deviation** = 0.0566569273337431, **min value** = 0.341148066085345, **max value** = 0.697369421038115, which accounts for **range** = 0.35622135495277. It has a **skewness** of 0.16422130694287, a **kurtosis** of -0.648696661512611, and a **standard error** of 0.000495505840074449.

The **K_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.16236140023302, **median** = 1.154242765212, **standard deviation** = 0.224041650546064, **min value** = 0.388241206131148, **max value** = 2.49950592919816, which accounts for **range** = 2.11126472306701.

It has a **skewness** of 0.283369273267443, a **kurtosis** of 0.395773093189232, and a **standard error** of 0.00195940640429643.

The **K_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.69622609035061, **median** = 3.59195388407363, **standard deviation** = 0.527717577704588, **min value** = 2.59542866799488, **max value** = 8.08937059414246, which accounts for **range** = 5.49394192614758. It has a **skewness** of 1.30219262096757, a **kurtosis** of 3.00010158578099, and a **standard error** of 0.00461527220003037.

The **K_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.51626130870469, **median** = 3.47547396313312, **standard deviation** = 0.734810984860577, **min value** = 1.08778350679982, **max value** = 8.110349796432, which accounts for **range** = 7.02256628963218. It has a **skewness** of 0.413135554790927, a **kurtosis** of 0.590083475477751, and a **standard error** of 0.00642645394806691.

The **K_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.68816328588752, **median** = 1.70277196997001, **standard deviation** = 0.177297931699894, **min value** = 0.998737064720861, **max value** = 2.20558825272276, which accounts for **range** = 1.2068511880019. It has a **skewness** of -0.304045534604126, a **kurtosis** of -0.329661944921013, and a **standard error** of 0.00155059874802099.

The **K_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.708533887957893, **median** = 0.704498890636734, **standard deviation** = 0.109699380908679, **min value** = 0.312198927379413, **max value** = 1.27408838166014, which accounts for **range** = 0.961889454280727. It has a **skewness** of 0.240438021208686, a **kurtosis** of 0.378324237209326, and a **standard error** of 0.000959400490828045.

The **K_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.03939374232825, **median** = 1.04628048376351, **standard deviation** = 0.0788441885118617, **min value** = 0.617336800113103, **max value** = 1.3038831649582, which accounts for **range** = 0.686546364845097. It has a **skewness** of -0.500654369085415, a **kurtosis** of 0.414984166641736, and a **standard error** of 0.000689549499100539.

The **K_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.122857907924836, **median** = -0.116568102399875, **standard deviation** = 0.0264504609043747, **min value** = -0.348206962747186, **max value** = -0.0682491716369591, which accounts for **range** = 0.279957791110227. It has a **skewness** of -0.909779906116692, a **kurtosis** of 0.799178642685615, and a **standard error** of 0.000231328426505982.

The **K_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.485276578900123, **median** = 0.481967289690868, **standard deviation** = 0.0357211919002427, **min value** = 0.341505194919937, **max value** = 0.753955697170749, which accounts for **range** = 0.412450502250812. It has a **skewness** of 0.516327777515116, a **kurtosis** of 0.824225527685587, and a **standard error** of 0.000312407679589231.

The **K_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.603432450637676, **median** = 0.602875022346375, **standard deviation** = 0.0682899625225041, **min value** = 0.391304095245353, **max value** = 0.999044235971259, which accounts for **range** = 0.607740140725906. It has a **skewness** of 0.192708416692629, a **kurtosis** of 0.123568598637739, and a **standard error** of 0.000597245153254421.

The **K_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.367152221545775, **median** = 0.355204802860801, **standard deviation** = 0.129594061970086, **min value** = 0.120078673161193, **max value** = 0.732519174760592, which accounts for **range** = 0.612440501599399. It has a **skewness** of 0.263597479899585, a **kurtosis** of -1.08015560058489, and a **standard error** of 0.00113339387727268.

The **K_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.7798552957346, **median** = 11.2911501453288, **standard deviation** = 4.82168922593091, **min value**

= -2.45980515740835, **max value** = 38.8977509014187, which accounts for **range** = 41.3575560588271. It has a **skewness** of 0.572142015947411, a **kurtosis** of 0.502201452756802, and a **standard error** of 0.0421691624114938.

The **K_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 90.3104026925963, **median** = 84.7684464645681, **standard deviation** = 38.6062018193196, **min value** = 7.061819254733, **max value** = 345.643513437729, which accounts for **range** = 338.581694182996. It has a **skewness** of 0.857593829438857, a **kurtosis** of 1.24239677305377, and a **standard error** of 0.337639179616659.

The **K_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0050014044245265, **median** = 0.00459964908817701, **standard deviation** = 0.010861236832888, **min value** = -0.0533372082689643, **max value** = 0.0923702250390487, which accounts for **range** = 0.145707433308013. It has a **skewness** of 0.321572452895126, a **kurtosis** of 1.6848271732969, and a **standard error** of 9.49893778994695e-05.

The **K_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.23972371975409, **median** = 4.17277653963489, **standard deviation** = 0.784814101979177, **min value** = 1.59501374947621, **max value** = 7.00201046479068, which accounts for **range** = 5.40699671531447. It has a **skewness** of 0.198071875860912, a **kurtosis** of -0.427871946842962, and a **standard error** of 0.00686376740151704.

The **K_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00481856194365522, **median** = 0.00426226918232683, **standard deviation** = 0.0117898166677289, **min value** = -0.0516469519666117, **max value** = 0.0875617099680092, which accounts for **range** = 0.139208661934621. It has a **skewness** of 0.244702665380175, a **kurtosis** of 1.37478392008473, and a **standard error** of 0.000103110480698227.

The **K_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.43260069883509, **median** = 4.39849602374751, **standard deviation** = 0.791085519343799, **min value** = 1.76175064766277, **max value** = 7.3761950164702, which accounts for **range** = 5.61444436880743. It has a **skewness** of 0.0555320975543399, a **kurtosis** of -0.344277788986936, and a **standard error** of 0.00691861548587236.

The **K_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.29705791747349e-05, **median** = 3.14813303828934e-05, **standard deviation** = 0.00311493267177277, **min value** = -0.0222047088351286, **max value** = 0.0464782584476709, which accounts for **range** = 0.0686829672827995. It has a **skewness** of 0.281473949395334, a **kurtosis** of 6.86493574435387, and a **standard error** of 2.72423409270003e-05.

The **K_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.67342122172254, **median** = 1.63832371486077, **standard deviation** = 0.370632752916367, **min value** = 0.655560943343192, **max value** = 3.51145652723374, which accounts for **range** = 2.85589558389055. It has a **skewness** of 0.447454712913128, a **kurtosis** of -0.20816470482958, and a **standard error** of 0.0032414517030039.

The **K_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0587258671265737, **median** = 0.0566990251954491, **standard deviation** = 0.0397658795056791, **min value** = -0.11772409461173, **max value** = 0.232136970004144, which accounts for **range** = 0.349861064615874. It has a **skewness** of 0.301323940200824, a **kurtosis** of 0.35142536918242, and a **standard error** of 0.000347781400404776.

The **K_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.86498247282828, **median** = 5.83386205909367, **standard deviation** = 0.806749741128282, **min value** = 2.62741978527179, **max value** = 9.67366556880348, which accounts for **range** = 7.04624578353169. It has a **skewness** of 0.327114849579743, a **kurtosis** of 0.525900976331366, and a **standard error** of 0.00705561044376536.

The **K_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics:

mean = 0.0598614563228829, **median** = 0.0578510680703348, **standard deviation** = 0.0405770219018148, **min value** = -0.0924485067799572, **max value** = 0.406057408938129, which accounts for **range** = 0.498505915718086. It has a **skewness** of 0.315702185898672, a **kurtosis** of 0.648926922246313, and a **standard error** of 0.00035487542779616.

The **K_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.74967024209446, **median** = 5.72108567904936, **standard deviation** = 0.775058234749279, **min value** = 2.86958917069589, **max value** = 9.61189999489005, which accounts for **range** = 6.74231082419416. It has a **skewness** of 0.291241849969784, a **kurtosis** of 0.632606257504273, and a **standard error** of 0.00677844528090627.

The **K_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0122332802973911, **median** = 0.0113407073769872, **standard deviation** = 0.0127983872265397, **min value** = -0.0458610172597529, **max value** = 0.0887394847855229, which accounts for **range** = 0.134600502045276. It has a **skewness** of 0.415028413491551, a **kurtosis** of 0.99041252824335, and a **standard error** of 0.000111931160278573.

The **K_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.35577680325855, **median** = 3.33470486511917, **standard deviation** = 0.577498422582443, **min value** = 1.59263520420348, **max value** = 5.94589217114381, which accounts for **range** = 4.35325696694033. It has a **skewness** of 0.214602640690636, a **kurtosis** of 0.119823673044508, and a **standard error** of 0.00505064172184569.

The **K_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 24.0457994243924, **median** = 25.3309946148634, **standard deviation** = 9.83486625842019, **min value** = 0, **max value** = 69.6388888888889, which accounts for **range** = 69.6388888888889. It has a **skewness** of -0.650097710462464, a **kurtosis** of 0.968924537302723, and a **standard error** of 0.0860130242978425.

The **K_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 19.4304817297539, **median** = 20.9485658577575, **standard deviation** = 7.11176860256702, **min value** = 0, **max value** = 41.665504745704, which accounts for **range** = 41.665504745704. It has a **skewness** of -1.32512276680234, a **kurtosis** of 1.6841201314714, and a **standard error** of 0.0621975642108519.

The **K_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.625959148310262, **median** = 0.547737693425072, **standard deviation** = 0.665246691004378, **min value** = -1.42032926177889, **max value** = 5.75712625028794, which accounts for **range** = 7.17745551206683. It has a **skewness** of 0.88714379637353, a **kurtosis** of 2.088084126957, and a **standard error** of 0.00581806384488754.

The **K_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.171973246059034, **median** = -0.208566691178059, **standard deviation** = 1.66241875915509, **min value** = -1.81421445838171, **max value** = 39.4841845397133, which accounts for **range** = 41.298398998095. It has a **skewness** of 6.88008082299465, a **kurtosis** of 102.514881223969, and a **standard error** of 0.0145390553737296.

The **K_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.119310931575794, **median** = 0.0382515916526645, **standard deviation** = 0.248963165102393, **min value** = 0.013605252749351, **max value** = 1, which accounts for **range** = 0.986394747250649. It has a **skewness** of 3.16142735309546, a **kurtosis** of 8.29198307835144, and a **standard error** of 0.00217736308827648.

The **K_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.0354946362876, **median** = 5.55518890499371, **standard deviation** = 1.53398231458782, **min value** = 0, **max value** = 6.32331360324992, which accounts for **range** = 6.32331360324992. It has a **skewness** of -2.53645660552255, a **kurtosis** of 5.53321314722058, and a **standard error** of 0.0134157856985741.

The **K_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.211136092738047, **median** = 0.122201701993767, **standard deviation** = 0.241368080651944, **min value** = 0.0268578124808648, **max value** = 1, which accounts for **range** = 0.973142187519135. It has a **skewness** of 2.49210722789123, a **kurtosis** of 5.36155170583634, and a **standard error** of 0.00211093857713264.

The **K_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.57900869687971, **median** = 2.846657706506, **standard deviation** = 0.859209112430817, **min value** = 0, **max value** = 3.77035826584854, which accounts for **range** = 3.77035826584854. It has a **skewness** of -1.91600343022991, a **kurtosis** of 3.21072673101488, and a **standard error** of 0.00751440561798864.

The **K_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.23705857461201, **median** = 1.91754218280605, **standard deviation** = 1.71651697463517, **min value** = 0, **max value** = 30.8743386243386, which accounts for **range** = 30.8743386243386. It has a **skewness** of 3.18039468476395, a **kurtosis** of 22.6905680994419, and a **standard error** of 0.0150121834265462.

The **K_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.713346304728252, **median** = 0.703016322713486, **standard deviation** = 0.107162412531124, **min value** = 0.275758928571429, **max value** = 1, which accounts for **range** = 0.724241071428571. It has a **skewness** of 0.83520823003453, a **kurtosis** of 2.04952836290231, and a **standard error** of 0.000937212866007557.

The **K_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.593670308760612, **median** = 0.656025159510087, **standard deviation** = 0.195013308717453, **min value** = -0.446959649289584, **max value** = 0.966434582731682, which accounts for **range** = 1.41339423202127. It has a **skewness** of -2.35029130046351, a **kurtosis** of 4.51284795746348, and a **standard error** of 0.0017055325431351.

The **K_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.8213963338245, **median** = 2.83282607769111, **standard deviation** = 1.39119256380199, **min value** = 0, **max value** = 10.2450223214286, which accounts for **range** = 10.2450223214286. It has a **skewness** of 0.0580316194160843, a **kurtosis** of 0.337167982827339, and a **standard error** of 0.0121669859710425.

The **K_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.46860640712095, **median** = 5.52271847662491, **standard deviation** = 1.65509622179877, **min value** = 2, **max value** = 13.142162004662, which accounts for **range** = 11.142162004662. It has a **skewness** of -0.02789972144995, a **kurtosis** of 0.435805226567381, and a **standard error** of 0.0144750144842043.

The **K_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.18632812814521, **median** = 9.34193937687238, **standard deviation** = 4.43788080902466, **min value** = 0, **max value** = 29.4479585537919, which accounts for **range** = 29.4479585537919. It has a **skewness** of -0.0335595179948686, a **kurtosis** of 0.299380468963534, and a **standard error** of 0.0388124799898279.

The **K_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.95579208144868, **median** = 2.16090255287938, **standard deviation** = 0.621534472705746, **min value** = 0, **max value** = 2.64199540040182, which accounts for **range** = 2.64199540040182. It has a **skewness** of -2.21296550563957, a **kurtosis** of 4.30432015092006, and a **standard error** of 0.00543576885522117.

The **K_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.26120493512149, **median** = 1.16242822910889, **standard deviation** = 0.771548632004005, **min value** = 0, **max value** = 11.7872222222222, which accounts for **range** = 11.7872222222222. It has a **skewness** of 1.61712401273381, a **kurtosis** of 8.30277260192833, and a **standard error** of 0.00674775126450858.

The **K_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.14907278454194, **median** = 1.22412133793265, **standard deviation** = 0.36899296205498, **min value** = 0, **max value** = 1.81613733455316, which accounts for **range** = 1.81613733455316. It has a **skewness** of -2.00484598735258, a **kurtosis** of 4.06627531828302, and a **standard error** of 0.00322711054497513.

The **K_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.217698849220388, **median** = -0.212709901768455, **standard deviation** = 0.0942042023767194, **min value** = -0.954545454545453, **max value** = 0, which accounts for **range** = 0.954545454545453. It has a **skewness** of -0.834624504934115, a **kurtosis** of 6.08864332090605, and a **standard error** of 0.000823883938538603.

The **K_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.654879311701204, **median** = 0.698521573792083, **standard deviation** = 0.196742128387795, **min value**

= 0, **max value** = 0.971057690735231, which accounts for **range** = 0.971057690735231. It has a **skewness** of -2.5725056171018, a **kurtosis** of 6.09240111401152, and a **standard error** of 0.00172065232254078.

The **K_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.647491230666811, **median** = 0.716847354931461, **standard deviation** = 0.211471918585703, **min value** = 0, **max value** = 1.02146573212571, which accounts for **range** = 1.02146573212571. It has a **skewness** of -2.19963070174205, a **kurtosis** of 4.01083763137737, and a **standard error** of 0.00184947499983038.

The **K_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.362154357475388, **median** = 0.301021915422104, **standard deviation** = 0.227317902115092, **min value** = 0.0584589208007189, **max value** = 1, which accounts for **range** = 0.941541079199281. It has a **skewness** of 1.49974381258873, a **kurtosis** of 1.88745661231312, and a **standard error** of 0.00198805959574896.

The **K_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 19.3950432889536, **median** = 18.1136479120958, **standard deviation** = 19.7926846550919, **min value** = -88.3403745161154, **max value** = 116.440588346937, which accounts for **range** = 204.780962863052. It has a **skewness** of 0.545005699482387, a **kurtosis** of 0.407214711966292, and a **standard error** of 0.17310135404235.

The **K_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 276.832733829603, **median** = 256.869830062871, **standard deviation** = 186.243056005024, **min value** = 0, **max value** = 1681.39879799954, which accounts for **range** = 1681.39879799954. It has a **skewness** of 0.892793487486506, a **kurtosis** of 1.52912602033266, and a **standard error** of 1.62883033490664.

The **K_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0433540780818358, **median** = 0.0148980397933786, **standard deviation** = 0.387908505055879, **min value** = -12.4803442692456, **max value** = 7.64310674960999, which accounts for **range** = 20.1234510188556. It has a **skewness** of -2.25412673569277, a **kurtosis** of 185.784464561202, and a **standard error** of 0.00339254066034149.

The **K_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.67767102820633, **median** = 4.68353945208825, **standard deviation** = 2.15057886022866, **min value** = 0, **max value** = 18.1397421708043, which accounts for **range** = 18.1397421708043. It has a **skewness** of 0.191024108476104, a **kurtosis** of 1.80537842966713, and a **standard error** of 0.0188083688073444.

The **K_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0536549478899918, **median** = 0.0177814293215479, **standard deviation** = 0.40149325957892, **min value** = -10.2760011427204, **max value** = 12.1219657983613, which accounts for **range** = 22.3979669410817. It has a **skewness** of 4.65276621689835, a **kurtosis** of 236.709463732062, and a **standard error** of 0.00351134917183194.

The **K_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.63457328467791, **median** = 4.65623265742917, **standard deviation** = 2.13234520721299, **min value** = 0, **max value** = 20.9817709535716, which accounts for **range** = 20.9817709535716. It has a **skewness** of 0.244022372728221, a **kurtosis** of 2.23809669823693, and a **standard error** of 0.018648902313478.

The **K_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000906645545788187, **median** = 0, **standard deviation** = 0.0858028542896612, **min value** = -2.24778472288297, **max value** = 1.29979704792442, which accounts for **range** = 3.54758177080739. It has a **skewness** of -3.76722181604759, a **kurtosis** of 129.14327720257, and a **standard error** of 0.000750408068286876.

The **K_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84653061318906, **median** = 1.77803936328545, **standard deviation** = 0.948110602419461, **min value** = 0, **max value** = 10.5463084608682, which accounts for **range** = 10.5463084608682. It has a **skewness** of 0.746785349375383, a **kurtosis** of 3.1585817682431, and a **standard error** of 0.00829191349837907.

The **K_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.245449207922103, **median** = 0.040164643194703, **standard deviation** = 1.45129200953601, **min value**

= -16.0077123018111, **max value** = 28.8619190764572, which accounts for **range** = 44.8696313782683. It has a **skewness** of 3.34545789782082, a **kurtosis** of 50.5991338303765, and a **standard error** of 0.0126925991263593.

The **K_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.05142250352961, **median** = 7.20610004953066, **standard deviation** = 3.06877965953527, **min value** = 0, **max value** = 31.4367895991026, which accounts for **range** = 31.4367895991026. It has a **skewness** of -0.136240496340256, a **kurtosis** of 1.56116282399885, and a **standard error** of 0.0268386994275947.

The **K_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.186133454616358, **median** = 0.0229882544540918, **standard deviation** = 1.38020222792979, **min value** = -25.1571259250473, **max value** = 23.6888855905324, which accounts for **range** = 48.8460115155797. It has a **skewness** of 2.2986572209201, a **kurtosis** of 59.7962590743053, and a **standard error** of 0.0120708675285973.

The **K_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.77843503296628, **median** = 6.95614150364547, **standard deviation** = 2.90337387078206, **min value** = 0, **max value** = 23.6617076627067, which accounts for **range** = 23.6617076627067. It has a **skewness** of -0.206844574097801, a **kurtosis** of 1.45264243412664, and a **standard error** of 0.0253921060776492.

The **K_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0871451524369158, **median** = 0.0314800755601572, **standard deviation** = 0.449900877066391, **min value** = -10.7990739499697, **max value** = 8.24793417806334, which accounts for **range** = 19.047008128033. It has a **skewness** of -0.300191973086265, a **kurtosis** of 88.1898781621966, and a **standard error** of 0.00393470882612167.

The **K_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.68255783716755, **median** = 3.74584434122897, **standard deviation** = 1.62747596485591, **min value** = 0, **max value** = 15.5151441514292, which accounts for **range** = 15.5151441514292. It has a **skewness** of 0.057083949545337, a **kurtosis** of 2.3546240130631, and a **standard error** of 0.0142334553445969.

The **K_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 18.4276397063386, **median** = 18.192128970655, **standard deviation** = 3.20337016888181, **min value** = 9.0568454763811, **max value** = 36.0968191964286, which accounts for **range** = 27.0399737200475. It has a **skewness** of 0.465661827091023, a **kurtosis** of 0.427544449822911, and a **standard error** of 0.028015790853802.

The **K_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 16.0479500567952, **median** = 16.1748499920087, **standard deviation** = 1.67896821745346, **min value** = 9.42062910746209, **max value** = 21.8755364472752, which accounts for **range** = 12.4549073398131. It has a **skewness** of -0.259637522174738, a **kurtosis** of -0.236023627246628, and a **standard error** of 0.014683792365706.

The **K_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.4449832139735, **median** = 1.50916153147081, **standard deviation** = 0.421002310998359, **min value** = -0.737354173919764, **max value** = 2.81357358675724, which accounts for **range** = 3.550927760677. It has a **skewness** of -0.698303735413413, a **kurtosis** of 0.58115361441936, and a **standard error** of 0.00368196994792347.

The **K_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52713709017739, **median** = 2.55931625421286, **standard deviation** = 1.54735761061696, **min value** = -1.3703791488923, **max value** = 10.1363615972206, which accounts for **range** = 11.5067407461129. It has a **skewness** of 0.124641523319425, a **kurtosis** of 0.110952414842986, and a **standard error** of 0.013532762343921.

The **K_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0307585995983173, **median** = 0.0282026522700492, **standard deviation** = 0.00900697145012883, **min value** = 0.0155906715708281, **max value** = 0.103839114368738, which accounts for **range** =

0.0882484427979099. It has a **skewness** of 1.67199311362049, a **kurtosis** of 4.03476554180667, and a **standard error** of 7.87724849360941e-05.

The **K_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.51847801810114, **median** = 5.55089752488502, **standard deviation** = 0.213765648864328, **min value** = 4.4766752357643, **max value** = 6.11391067252268, which accounts for **range** = 1.63723543675838. It has a **skewness** of -0.70773372276003, a **kurtosis** of 0.436434641876571, and a **standard error** of 0.0018695353314103.

The **K_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.182959399522587, **median** = 0.169518589574156, **standard deviation** = 0.0669091368310784, **min value** = 0.0598192248905566, **max value** = 0.507020899125936, which accounts for **range** = 0.447201674235379. It has a **skewness** of 0.814883066044817, a **kurtosis** of 0.317403977302676, and a **standard error** of 0.000585168833086264.

The **K_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.3917501621784, **median** = 2.40961460091207, **standard deviation** = 0.245365079660089, **min value** = 1.33255107874439, **max value** = 3.17059694159134, which accounts for **range** = 1.83804586284695. It has a **skewness** of -0.300360334735848, a **kurtosis** of -0.011239122497078, and a **standard error** of 0.00214589522664596.

The **K_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.18314952160649, **median** = 1.18375797587818, **standard deviation** = 0.210962528152855, **min value** = 0.419971742582653, **max value** = 2.14059717765734, which accounts for **range** = 1.72062543507469. It has a **skewness** of 0.00918583646224811, a **kurtosis** of -0.00177074788082665, and a **standard error** of 0.00184502001177804.

The **K_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.746844546082615, **median** = 0.745539166234158, **standard deviation** = 0.0349772223042613, **min value** = 0.631163404574548, **max value** = 0.869735286177188, which accounts for **range** = 0.23857188160264. It has a **skewness** of 0.087731600808352, a **kurtosis** of -0.404485605000935, and a **standard error** of 0.000305901126957545.

The **K_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.578110655223241, **median** = 0.571009720876617, **standard deviation** = 0.0839004267131402, **min value** = 0.362470687191797, **max value** = 0.847521982176496, which accounts for **range** = 0.485051294984699. It has a **skewness** of 0.330444165213787, a **kurtosis** of -0.392398815406164, and a **standard error** of 0.000733769962077339.

The **K_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.44801511398773, **median** = 1.42452580008917, **standard deviation** = 0.332647470401144, **min value** = 0.486997023614529, **max value** = 2.99057035697111, which accounts for **range** = 2.50357333335658. It has a **skewness** of 0.295502198871198, a **kurtosis** of -0.195854659169023, and a **standard error** of 0.0029092429121477.

The **K_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.93958518077849, **median** = 3.87238035901692, **standard deviation** = 0.504054664579127, **min value** = 2.66539171318595, **max value** = 7.67766688706283, which accounts for **range** = 5.01227517387688. It has a **skewness** of 0.916440424509199, a **kurtosis** of 1.65205400142931, and a **standard error** of 0.0044083228965891.

The **K_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.60873442088006, **median** = 4.47984233266719, **standard deviation** = 1.24523453794336, **min value** = 1.43416777676684, **max value** = 10.9678325269084, which accounts for **range** = 9.53366475014156. It has a **skewness** of 0.473878345229706, a **kurtosis** of -0.0516407439764097, and a **standard error** of 0.0108904773846757.

The **K_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.80178649062052, **median** = 1.81392095070885, **standard deviation** = 0.167318560734335, **min**

value = 1.0627930552224, **max value** = 2.35921994673026, which accounts for **range** = 1.29642689150786. It has a **skewness** of -0.312119069075012, a **kurtosis** of 0.0707603358603954, and a **standard error** of 0.00146332192546096.

The **K_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.755198080299866, **median** = 0.756191794756119, **standard deviation** = 0.11600752283643, **min value** = 0.326488222106234, **max value** = 1.31555344400966, which accounts for **range** = 0.989065221903426. It has a **skewness** of 0.00572235985561948, a **kurtosis** of -0.00657334931624032, and a **standard error** of 0.00101456975807063.

The **K_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.0549915670807, **median** = 1.06149715247675, **standard deviation** = 0.0736605404727945, **min value** = 0.692423236364616, **max value** = 1.28944271653504, which accounts for **range** = 0.597019480170424. It has a **skewness** of -0.484200298973311, a **kurtosis** of 0.35745632055846, and a **standard error** of 0.000644214744867962.

The **K_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.161351353707816, **median** = -0.145986483934472, **standard deviation** = 0.0544072185003135, **min value** = -0.430465199602303, **max value** = -0.07397957351985, which accounts for **range** = 0.356485626082453. It has a **skewness** of -1.4154377327509, a **kurtosis** of 1.95976758196619, and a **standard error** of 0.000475830507897238.

The **K_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.562921833987764, **median** = 0.543228831137442, **standard deviation** = 0.0832808352160624, **min value** = 0.386459715755829, **max value** = 0.865314946941142, which accounts for **range** = 0.478855231185313. It has a **skewness** of 0.947783966586405, a **kurtosis** of 0.415409896566377, and a **standard error** of 0.000728351185950388.

The **K_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.656398945779198, **median** = 0.651075666799827, **standard deviation** = 0.0910553425135234, **min value** = 0.360913555258533, **max value** = 0.937198529959293, which accounts for **range** = 0.57628497470076. It has a **skewness** of 0.249499131142362, a **kurtosis** of -0.407546158141177, and a **standard error** of 0.000796344879764754.

The **K_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.353844648720169, **median** = 0.352169531148531, **standard deviation** = 0.109908908562029, **min value** = 0.104279511891877, **max value** = 0.70293697698299, which accounts for **range** = 0.598657465091113. It has a **skewness** of 0.175360086126374, a **kurtosis** of -0.822356922023537, and a **standard error** of 0.000961232961821048.

The **K_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 14.5042737359505, **median** = 14.3354553433484, **standard deviation** = 5.94154206173508, **min value** = -6.72965140737198, **max value** = 38.7176049639735, which accounts for **range** = 45.4472563713455. It has a **skewness** of 0.195982412356374, a **kurtosis** of -0.264383841848609, and a **standard error** of 0.0519630860546917.

The **K_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 116.017252043003, **median** = 111.971746332961, **standard deviation** = 46.8351035265493, **min value** = 9.75766474099301, **max value** = 334.611678478932, which accounts for **range** = 324.854013737939. It has a **skewness** of 0.487379459724907, a **kurtosis** of 0.0122755574214026, and a **standard error** of 0.409606881453227.

The **K_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000185529424888805, **median** = 0.000772210460317836, **standard deviation** = 0.0141604594392976, **min value** = -0.120471034174401, **max value** = 0.058035623401049, which accounts for **range** = 0.17850665757545. It has a **skewness** of -0.604985307948864, a **kurtosis** of 2.43169843954064, and a **standard error** of 0.000123843467701265.

The **K_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 4.40242923783677, **median** = 4.3561426567542, **standard deviation** = 0.798151389576395, **min value** = 1.8240797293696, **max value** = 6.84204366107637, which accounts for **range** = 5.01796393170677. It has a **skewness** of 0.0166774232516138, a **kurtosis** of -0.520636734604035, and a **standard error** of 0.00698041163561475.

The **K_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00375579645205874, **median** = -0.00209076059813152, **standard deviation** = 0.0156172936071897, **min value** = -0.0991292247519934, **max value** = 0.0664966211263272, which accounts for **range** = 0.165625845878321. It has a **skewness** of -0.787237414336487, a **kurtosis** of 2.38692333234285, and a **standard error** of 0.000136584537014083.

The **K_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.54423179752944, **median** = 4.54002946283976, **standard deviation** = 0.809538475715626, **min value** = 1.92744035128391, **max value** = 7.24206591241337, which accounts for **range** = 5.31462556112946. It has a **skewness** of -0.125114204863984, a **kurtosis** of -0.371451929553821, and a **standard error** of 0.00707999994632886.

The **K_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000301209861049954, **median** = 0.000262648106497303, **standard deviation** = 0.00399106519924081, **min value** = -0.039683469355421, **max value** = 0.0255536937658211, which accounts for **range** = 0.0652371631212421. It has a **skewness** of -0.259974888852645, a **kurtosis** of 5.35385328429158, and a **standard error** of 3.49047540593314e-05.

The **K_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.75311318268225, **median** = 1.72451339489702, **standard deviation** = 0.399586426828446, **min value** = 0.675349102101944, **max value** = 3.15840220642578, which accounts for **range** = 2.48305310432384. It has a **skewness** of 0.331097739928405, a **kurtosis** of -0.279782378911387, and a **standard error** of 0.00349467253918754.

The **K_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0755234310297309, **median** = -0.0735822482834093, **standard deviation** = 0.0430493055910979, **min value** = -0.28077005513046, **max value** = 0.0819178715868779, which accounts for **range** = 0.362687926717338. It has a **skewness** of -0.29650735718539, a **kurtosis** of 0.388136814581233, and a **standard error** of 0.000376497338196355.

The **K_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.19667907810474, **median** = 6.21435393856254, **standard deviation** = 0.857512180082631, **min value** = 3.10920987183063, **max value** = 9.29524231829125, which accounts for **range** = 6.18603244646062. It has a **skewness** of -0.123957850101046, a **kurtosis** of 0.118025489095594, and a **standard error** of 0.00749956471629652.

The **K_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0793383133934672, **median** = -0.0771948557263846, **standard deviation** = 0.0435206248907127, **min value** = -0.293998268041086, **max value** = 0.34092504116189, which accounts for **range** = 0.634923309202976. It has a **skewness** of -0.244884861968097, a **kurtosis** of 0.943437255801935, and a **standard error** of 0.00038061936663117.

The **K_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.05164867921623, **median** = 6.06351905092468, **standard deviation** = 0.816970770563089, **min value** = 2.94594571420459, **max value** = 9.22823480214921, which accounts for **range** = 6.28228908794462. It has a **skewness** of -0.147505627996522, a **kurtosis** of 0.235854826510196, and a **standard error** of 0.007145000744561.

The **K_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0154111396241938, **median** = -0.013558338648256, **standard deviation** = 0.0138207246997964, **min value** = -0.107667154245916, **max value** = 0.0540784699375558, which accounts for **range** = 0.161745624183472. It has a **skewness** of -0.800623445129412, a **kurtosis** of 1.5338613572322, and a **standard error** of 0.000120872241490789.

The **K_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.46543120617753, **median** = 3.46543821181749, **standard deviation** = 0.596830019484769, **min value** = 1.47593523859756, **max value** = 5.63742540022997, which accounts for **range** = 4.16149016163241. It has a **skewness** of -0.00252499669242519, a **kurtosis** of -0.0182442684418458, and a **standard error** of 0.00521971052973642.

The **R_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 93.1840351364786, **median** = 91.9726713406782, **standard deviation** = 12.7480262617534, **min value** = 61.7595260967019, **max value** = 174.167478893541, which accounts for **range** = 112.407952796839. It has a **skewness** of 0.38821698037873, a **kurtosis** of 0.00411361279901046, and a **standard error** of 0.111490717188244.

The **R_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 19.5126754659572, **median** = 19.7609734885893, **standard deviation** = 2.68814264129855, **min value** = 5.04725917144118, **max value** = 32.4626788650898, which accounts for **range** = 27.4154196936486. It has a **skewness** of -0.672297724507052, a **kurtosis** of 1.58790393295295, and a **standard error** of 0.0235097531828786.

The **R_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.526631034144724, **median** = 0.465823995282763, **standard deviation** = 0.391022255874916, **min value** = -0.751125133388064, **max value** = 5.63316058809366, which accounts for **range** = 6.38428572148172. It has a **skewness** of 1.06064033029215, a **kurtosis** of 3.79416608906526, and a **standard error** of 0.00341977266511084.

The **R_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.190775445598991, **median** = -0.0533459355474573, **standard deviation** = 0.939930330418375, **min value** = -0.893213733905418, **max value** = 36.1261691216385, which accounts for **range** = 37.0193828555439. It has a **skewness** of 7.90735037450176, a **kurtosis** of 189.757080153262, and a **standard error** of 0.00822037109852285.

The **R_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0160318344729785, **median** = 0.0148629770752957, **standard deviation** = 0.00469563080839625, **min value** = 0.00914993911262809, **max value** = 0.114761426820049, which accounts for **range** = 0.105611487707421. It has a **skewness** of 4.75709736314376, a **kurtosis** of 44.309361561257, and a **standard error** of 4.10666903040491e-05.

The **R_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.21678418026186, **median** = 6.27334157077017, **standard deviation** = 0.267649984729414, **min value** = 3.84671213058553, **max value** = 6.90288500717053, which accounts for **range** = 3.056172876585. It has a **skewness** of -1.82790295201242, a **kurtosis** of 5.65309297514978, and a **standard error** of 0.00234079285217919.

The **R_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0910678348138556, **median** = 0.0846765758687875, **standard deviation** = 0.0282467037421537, **min value** = 0.048563654434493, **max value** = 0.51424481954863, which accounts for **range** = 0.465681165114137. It has a **skewness** of 3.4660951122139, a **kurtosis** of 23.5095802637084, and a **standard error** of 0.000247037870314476.

The **R_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.78309241065661, **median** = 2.80750526087851, **standard deviation** = 0.189206653629454, **min value** = 1.29469763131163, **max value** = 3.26774821244779, which accounts for **range** = 1.97305058113616. It has a **skewness** of -1.19835003521972, a **kurtosis** of 3.30236442274826, and a **standard error** of 0.00165474914130229.

The **R_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.733900508314133, **median** = 0.726811029787259, **standard deviation** = 0.1286473296784, **min value** = 0.293989300368069, **max value** = 1.59806223479725, which accounts for **range** = 1.30407293442918. It has a **skewness** of 0.297609980078669, a **kurtosis** of 0.235434039977183, and a **standard error** of

0.00112511401809934.

The **R_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.741119667734282, **median** = 0.740445485351173, **standard deviation** = 0.0249751164675274, **min value** = 0.658830762495243, **max value** = 0.89321015856216, which accounts for **range** = 0.234379396066917. It has a **skewness** of 0.331098461038222, a **kurtosis** of 0.677117159349557, and a **standard error** of 0.00021842547149268.

The **R_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.782286146421164, **median** = 0.783479971561293, **standard deviation** = 0.0291334570688141, **min value** = 0.534676524485492, **max value** = 0.885708612079711, which accounts for **range** = 0.351032087594219. It has a **skewness** of -0.792134821049162, a **kurtosis** of 3.42776916655991, and a **standard error** of 0.000254793170023502.

The **R_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.70573792430135, **median** = 1.71515765742693, **standard deviation** = 0.309287803831521, **min value** = 0.388927771240975, **max value** = 4.20470493146109, which accounts for **range** = 3.81577716022012. It has a **skewness** of -0.143610771673625, a **kurtosis** of 0.541415158500767, and a **standard error** of 0.00270494571933917.

The **R_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.27554764875234, **median** = 7.2945744482956, **standard deviation** = 0.976414036439817, **min value** = 3.0822072770275, **max value** = 10.6819777347344, which accounts for **range** = 7.5997704577069. It has a **skewness** of -0.0589608562063585, a **kurtosis** of -0.248296486520856, and a **standard error** of 0.00853944751604006.

The **R_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.08257788403514, **median** = 6.11341806108264, **standard deviation** = 1.14297346194494, **min value** = 1.26003169640303, **max value** = 15.1154084106023, which accounts for **range** = 13.8553767141993. It has a **skewness** of -0.140945033379387, a **kurtosis** of 0.592666517124765, and a **standard error** of 0.00999613025442923.

The **R_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.24234899682823, **median** = 2.26747547486498, **standard deviation** = 0.130726912907859, **min value** = 1.08163806292186, **max value** = 2.4995970060014, which accounts for **range** = 1.41795894307954. It has a **skewness** of -1.7962545672549, a **kurtosis** of 6.02468673136586, and a **standard error** of 0.00114330147872614.

The **R_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.398316001862438, **median** = 0.396496575463799, **standard deviation** = 0.0527931731752389, **min value** = 0.223430424150849, **max value** = 0.815428245837888, which accounts for **range** = 0.591997821687039. It has a **skewness** of 0.240515503625664, a **kurtosis** of 0.264760887448323, and a **standard error** of 0.000461714513219161.

The **R_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.896367557267134, **median** = 0.898074698832948, **standard deviation** = 0.0603822146292162, **min value** = 0.59126690231001, **max value** = 1.18969482954781, which accounts for **range** = 0.5984279272378. It has a **skewness** of -0.191792003716597, a **kurtosis** of 0.212429774602144, and a **standard error** of 0.000528086173984698.

The **R_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.293039388391174, **median** = -0.291767240428402, **standard deviation** = 0.0311203132203257, **min value** = -0.470893137318663, **max value** = -0.138817979029324, which accounts for **range** = 0.332075158289339. It has a **skewness** of -0.193883122867446, a **kurtosis** of 0.37940977492617, and a **standard error** of 0.000272169665234098.

The **R_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.776452251329507, **median** = 0.779334806782628, **standard deviation** = 0.0338613533409031, **min value** = 0.505039240348653, **max value** = 0.876838673972655, which accounts for **range** = 0.371799433624002.

It has a **skewness** of -1.1399635634984, a **kurtosis** of 4.05566641383741, and a **standard error** of 0.000296142045162572.

The **R_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.935111681046766, **median** = 0.933162227349531, **standard deviation** = 0.0279032569626801, **min value** = 0.794786046001433, **max value** = 1.12435653869137, which accounts for **range** = 0.329570492689937. It has a **skewness** of 0.487173943913839, a **kurtosis** of 1.04013446618107, and a **standard error** of 0.00024403417962752.

The **R_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.18165285002683, **median** = 0.168530520301371, **standard deviation** = 0.0573372272230108, **min value** = 0.086819985452988, **max value** = 0.709583323072721, which accounts for **range** = 0.622763337619733. It has a **skewness** of 2.12061791792814, a **kurtosis** of 7.68848437878434, and a **standard error** of 0.00050145555034253.

The **R_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.24178160786628, **median** = 6.88253637520618, **standard deviation** = 5.08360877721994, **min value** = -12.6675110081605, **max value** = 67.9036829064448, which accounts for **range** = 80.5711939146053. It has a **skewness** of 0.553071346186156, a **kurtosis** of 1.83907835499935, and a **standard error** of 0.0444598384753208.

The **R_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 114.595279868119, **median** = 112.272156827702, **standard deviation** = 34.8520990599709, **min value** = 24.3619822454369, **max value** = 735.892390991145, which accounts for **range** = 711.530408745708. It has a **skewness** of 1.03106958757655, a **kurtosis** of 9.1772977464096, and a **standard error** of 0.304806833617037.

The **R_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00251134745860393, **median** = 0.00198456540439176, **standard deviation** = 0.0109903064657957, **min value** = -0.0738213179383488, **max value** = 0.0590053690723559, which accounts for **range** = 0.132826687010705. It has a **skewness** of 0.23991465099231, a **kurtosis** of 1.91386829876596, and a **standard error** of 9.61181852649892e-05.

The **R_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.63415464271192, **median** = 2.63229721853328, **standard deviation** = 0.283014706617771, **min value** = 1.64165408488632, **max value** = 4.15627013607046, which accounts for **range** = 2.51461605118414. It has a **skewness** of 0.0877600755087836, a **kurtosis** of 0.0478677598796398, and a **standard error** of 0.00247516846669061.

The **R_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00560760755023488, **median** = 0.00474136067201216, **standard deviation** = 0.0114309681845326, **min value** = -0.0645954596940501, **max value** = 0.0702570912315635, which accounts for **range** = 0.134852550925614. It has a **skewness** of 0.369722667467338, a **kurtosis** of 1.42145194563958, and a **standard error** of 9.99720909638489e-05.

The **R_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.93101743535911, **median** = 2.93069254781167, **standard deviation** = 0.300215306446464, **min value** = 1.58481147471983, **max value** = 4.39502989911741, which accounts for **range** = 2.81021842439758. It has a **skewness** of 0.00152345675552417, a **kurtosis** of 0.467584490666471, and a **standard error** of 0.00262560016267185.

The **R_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.72155488820061e-05, **median** = 5.85634501416217e-05, **standard deviation** = 0.00174983726098323, **min value** = -0.011192739245493, **max value** = 0.0135844966400313, which accounts for **range** = 0.0247772358855243. It has a **skewness** of -0.0237322033972624, a **kurtosis** of 3.09968599062897, and a **standard error** of 1.53035934492105e-05.

The **R_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.938199696262786, **median** = 0.950638480815509, **standard deviation** = 0.179704027945978, **min value** = 0.440151990912679, **max value** = 1.64165621972036, which accounts for **range** = 1.20150422880768.

It has a **skewness** of -0.07940271731712, a **kurtosis** of -0.660553974846216, and a **standard error** of 0.0015716418013213.

The **R_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0252084483837927, **median** = 0.0153589106882552, **standard deviation** = 0.0730058019603982, **min value** = -0.50009973360745, **max value** = 0.381671768565148, which accounts for **range** = 0.881771502172598. It has a **skewness** of 0.752931676984685, a **kurtosis** of 1.36572231998624, and a **standard error** of 0.00063848858265124.

The **R_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.68309390052831, **median** = 5.64345892727815, **standard deviation** = 0.984406172828928, **min value** = 2.14834847279637, **max value** = 9.36661334826905, which accounts for **range** = 7.21826487547268. It has a **skewness** of 0.246737893192521, a **kurtosis** of 0.107951076273525, and a **standard error** of 0.00860934453378951.

The **R_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0459741880977753, **median** = 0.0326674750932074, **standard deviation** = 0.0804268969220999, **min value** = -0.306096933198965, **max value** = 0.514441954137099, which accounts for **range** = 0.820538887336064. It has a **skewness** of 0.956308805430376, a **kurtosis** of 1.50121828709153, and a **standard error** of 0.000703391429775465.

The **R_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.58669526557534, **median** = 5.51452366796825, **standard deviation** = 0.973846101778005, **min value** = 2.38237939061588, **max value** = 9.64350375293357, which accounts for **range** = 7.26112436231769. It has a **skewness** of 0.331908122643944, a **kurtosis** of 0.0983501201605512, and a **standard error** of 0.00851698906864912.

The **R_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00927793195643066, **median** = 0.00702935894099142, **standard deviation** = 0.0152213080234726, **min value** = -0.0485688370230419, **max value** = 0.114412681715674, which accounts for **range** = 0.162981518738716. It has a **skewness** of 0.977826195518283, a **kurtosis** of 2.40868773070053, and a **standard error** of 0.000133121356454338.

The **R_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.40773033115752, **median** = 2.39950693103177, **standard deviation** = 0.282920090545748, **min value** = 1.27371538075261, **max value** = 3.6361678898823, which accounts for **range** = 2.36245250912969. It has a **skewness** of 0.247179246523804, a **kurtosis** of 0.319752806404388, and a **standard error** of 0.00247434098065389.

The **R_GFIO_mean8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1742.39370663051, **median** = 1740.58554775355, **standard deviation** = 280.473705866872, **min value** = 491.397253398104, **max value** = 3560.44762937783, which accounts for **range** = 3069.05037597973. It has a **skewness** of -0.0403465394919843, a **kurtosis** of 0.470026292813169, and a **standard error** of 2.45294557584644.

The **R_GFIO_mean12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4407.89764781932, **median** = 4418.37719276239, **standard deviation** = 562.339818265021, **min value** = 1218.89210159006, **max value** = 8740.65737175729, which accounts for **range** = 7521.76527016723. It has a **skewness** of -0.186174979504578, a **kurtosis** of 1.30329991104068, and a **standard error** of 4.91806875468821.

The **R_GFIO_mean15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7172.19500572937, **median** = 7123.02107723318, **standard deviation** = 1093.94941160996, **min value** = 2054.3888304821, **max value** = 14765.3784053836, which accounts for **range** = 12710.9895749015. It has a **skewness** of 0.0930591602043235, a **kurtosis** of 0.0980518635707415, and a **standard error** of 9.5673794486894.

The **R_GFIO_std8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1014.14270709474, **median** = 1014.70572827629, **standard deviation** = 132.116281459032, **min value**

= 358.172436277802, **max value** = 1730.18762695617, which accounts for **range** = 1372.01519067837. It has a **skewness** of -0.0305623634657133, a **kurtosis** of 0.335477184502298, and a **standard error** of 1.15545251238644.

The **R_GFIO_std12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2619.66956547316, **median** = 2595.41940847048, **standard deviation** = 392.427631468118, **min value** = 897.958233724076, **max value** = 4442.57277944718, which accounts for **range** = 3544.6145457231. It has a **skewness** of 0.205895010665205, a **kurtosis** of -0.107264482872321, and a **standard error** of 3.43206369194023.

The **R_GFIO_std15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4411.15255203495, **median** = 4376.96613601807, **standard deviation** = 854.396851532589, **min value** = 1476.16624225966, **max value** = 7799.79088989932, which accounts for **range** = 6323.62464763966. It has a **skewness** of 0.167121572111992, a **kurtosis** of -0.552564628609828, and a **standard error** of 7.4723189131275.

The **R_GFIS_mean22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3042.12541334494, **median** = 3010.39853291548, **standard deviation** = 568.387189628022, **min value** = 1159.10847347447, **max value** = 11358.8036204527, which accounts for **range** = 10199.6951469782. It has a **skewness** of 0.639561238453377, a **kurtosis** of 3.96980435539169, and a **standard error** of 4.97095739458593.

The **R_GFIS_mean45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3175.18127187363, **median** = 3139.23525524295, **standard deviation** = 591.669063719817, **min value** = 957.289927871628, **max value** = 9345.89415184995, which accounts for **range** = 8388.60422397832. It has a **skewness** of 0.553355252649973, a **kurtosis** of 2.2567013997319, and a **standard error** of 5.17457423586655.

The **R_GFIS_mean67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3337.27340117884, **median** = 3307.10544958646, **standard deviation** = 620.533971405983, **min value** = 963.47306648976, **max value** = 7195.87459874728, which accounts for **range** = 6232.40153225752. It has a **skewness** of 0.324886099268976, a **kurtosis** of 0.524014009255222, and a **standard error** of 5.42701874715205.

The **R_GFIS_mean90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3403.13633905273, **median** = 3366.63258492333, **standard deviation** = 634.4115255829, **min value** = 970.78740427069, **max value** = 6970.37726548469, which accounts for **range** = 5999.589861214. It has a **skewness** of 0.366014743837983, a **kurtosis** of 0.637577726100141, and a **standard error** of 5.5483880035557.

The **R_GFIS_mean112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3329.13244412876, **median** = 3296.71962217051, **standard deviation** = 620.579170444466, **min value** = 1060.39154255609, **max value** = 6557.36778648041, which accounts for **range** = 5496.97624392432. It has a **skewness** of 0.37075503920977, a **kurtosis** of 0.560161174831709, and a **standard error** of 5.42741404546045.

The **R_GFIS_mean135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3159.63518653463, **median** = 3124.95279451245, **standard deviation** = 591.60569267564, **min value** = 909.079524266602, **max value** = 7540.63083468866, which accounts for **range** = 6631.55131042206. It has a **skewness** of 0.413763925759797, a **kurtosis** of 0.667109969663907, and a **standard error** of 5.17402001021474.

The **R_GFIS_mean157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3029.52908328452, **median** = 2991.60729520802, **standard deviation** = 570.837727513011, **min value** = 860.330640783263, **max value** = 7774.44871055979, which accounts for **range** = 6914.11806977653. It has a **skewness** of 0.530129917217887, a **kurtosis** of 1.40492221820341, and a **standard error** of 4.99238912218709.

The **R_GFIS_mean180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2986.82166855738, **median** = 2950.12641876656, **standard deviation** = 559.980061076621, **min**

value = 1104.67323374343, **max value** = 7474.42738010408, which accounts for **range** = 6369.75414636065. It has a **skewness** of 0.465241145210802, a **kurtosis** of 0.929443537391147, and a **standard error** of 4.89743096998939.

The **R_GFIS_std22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2273.38468568712, **median** = 2196.27913811205, **standard deviation** = 660.750497471089, **min value** = 599.234689616723, **max value** = 5262.48737371209, which accounts for **range** = 4663.25268409537. It has a **skewness** of 0.572003692204153, a **kurtosis** of 0.175972884027371, and a **standard error** of 5.77874137791495.

The **R_GFIS_std45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2349.95576075922, **median** = 2258.0619427683, **standard deviation** = 681.317893854842, **min value** = 610.140146968658, **max value** = 6834.63644418448, which accounts for **range** = 6224.49629721582. It has a **skewness** of 0.581804560502717, a **kurtosis** of 0.189185532695553, and a **standard error** of 5.95861814679165.

The **R_GFIS_std67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2375.20724609523, **median** = 2292.67759837822, **standard deviation** = 665.431500603284, **min value** = 561.612114330708, **max value** = 5603.88279208445, which accounts for **range** = 5042.27067775374. It has a **skewness** of 0.594748207613033, a **kurtosis** of 0.204088158309531, and a **standard error** of 5.81968013860252.

The **R_GFIS_std90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2379.44427979701, **median** = 2295.97663208492, **standard deviation** = 647.089288547718, **min value** = 534.242221980927, **max value** = 5748.84284181479, which accounts for **range** = 5214.60061983386. It has a **skewness** of 0.615589506558159, a **kurtosis** of 0.338006375037105, and a **standard error** of 5.65926421735287.

The **R_GFIS_std112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2377.12050546913, **median** = 2283.03484546386, **standard deviation** = 670.451898236625, **min value** = 651.764936368692, **max value** = 5938.71830781473, which accounts for **range** = 5286.95337144604. It has a **skewness** of 0.639059456956709, a **kurtosis** of 0.237532828125945, and a **standard error** of 5.86358714986988.

The **R_GFIS_std135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2357.50894774977, **median** = 2260.19954076806, **standard deviation** = 706.813093846865, **min value** = 547.342842166382, **max value** = 6357.71219282031, which accounts for **range** = 5810.36935065393. It has a **skewness** of 0.622722489782911, a **kurtosis** of 0.158746572503723, and a **standard error** of 6.18159212516322.

The **R_GFIS_std157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2278.50418925481, **median** = 2182.53890759251, **standard deviation** = 683.663669992876, **min value** = 532.275267117263, **max value** = 6022.43789750884, which accounts for **range** = 5490.16263039158. It has a **skewness** of 0.647317144721831, a **kurtosis** of 0.346117732609485, and a **standard error** of 5.97913365708496.

The **R_GFIS_std180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2238.3014195256, **median** = 2157.10346698558, **standard deviation** = 663.452538125707, **min value** = 591.113022758121, **max value** = 6578.61574665509, which accounts for **range** = 5987.50272389697. It has a **skewness** of 0.629368942894698, a **kurtosis** of 0.326497543214623, and a **standard error** of 5.80237267928424.

The **R_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 130.187341639215, **median** = 138.728027406336, **standard deviation** = 44.8744299358057, **min value** = 0, **max value** = 226.581856100104, which accounts for **range** = 226.581856100104. It has a **skewness** of -1.51190584603894, a **kurtosis** of 2.563873345128, and a **standard error** of 0.392459371688528.

The **R_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 19.6843739597401, **median** = 20.2679277447013, **standard deviation** = 7.77474155726484, **min value** =

0, **max value** = 58.1368357129253, which accounts for **range** = 58.1368357129253. It has a **skewness** of -0.686672912651647, a **kurtosis** of 1.24018095715119, and a **standard error** of 0.0679957425859177.

The **R_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.383226109068475, **median** = -0.385829276942012, **standard deviation** = 0.501990912439323, **min value** = -3.82637892243366, **max value** = 2.89466316530571, which accounts for **range** = 6.72104208773937. It has a **skewness** of 0.000569595872879337, a **kurtosis** of 1.48419471907502, and a **standard error** of 0.00439027389030051.

The **R_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.12171513463856, **median** = -0.0234163506213201, **standard deviation** = 1.06702347638214, **min value** = -1.68929324291174, **max value** = 21.3232042412987, which accounts for **range** = 23.0124974842104. It has a **skewness** of 3.46928158937326, a **kurtosis** of 29.7993800158904, and a **standard error** of 0.00933189265505765.

The **R_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.089767795033652, **median** = 0.0168393051487888, **standard deviation** = 0.253652480485214, **min value** = 0.00658221794465598, **max value** = 1, which accounts for **range** = 0.993417782055344. It has a **skewness** of 3.30115090127724, a **kurtosis** of 8.92881884675271, and a **standard error** of 0.00221837454561252.

The **R_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.63564752335603, **median** = 6.13162731452162, **standard deviation** = 1.66579870821181, **min value** = 0, **max value** = 7.4167392543868, which accounts for **range** = 7.4167392543868. It has a **skewness** of -2.75692080063809, a **kurtosis** of 6.51067327020552, and a **standard error** of 0.0145686154747724.

The **R_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.158403181186977, **median** = 0.0837222418139863, **standard deviation** = 0.238878550023748, **min value** = 0.0323001169550222, **max value** = 1, which accounts for **range** = 0.967699883044978. It has a **skewness** of 3.11607549590359, a **kurtosis** of 8.10727310747114, and a **standard error** of 0.00208916582976762.

The **R_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.59266727498899, **median** = 2.80652021161732, **standard deviation** = 0.804709119571875, **min value** = 0, **max value** = 3.58070708879508, which accounts for **range** = 3.58070708879508. It has a **skewness** of -2.3221293251627, a **kurtosis** of 4.92634789062624, and a **standard error** of 0.00703776373117142.

The **R_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.962520080372727, **median** = 0.74510247676004, **standard deviation** = 1.06127355249839, **min value** = 0, **max value** = 21.3541666666667, which accounts for **range** = 21.3541666666667. It has a **skewness** of 6.00357709778766, a **kurtosis** of 65.1027035297295, and a **standard error** of 0.00928160540867029.

The **R_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745407448249445, **median** = 0.735385642502996, **standard deviation** = 0.110803648549831, **min value** = 0.255183531746032, **max value** = 1, which accounts for **range** = 0.744816468253968. It has a **skewness** of 0.261967219968656, a **kurtosis** of 0.860281757879599, and a **standard error** of 0.000969058110662826.

The **R_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.742623531853688, **median** = 0.811381029807607, **standard deviation** = 0.23286062956252, **min value** = -0.475198564522344, **max value** = 0.980391461480562, which accounts for **range** = 1.45559002600291. It has a **skewness** of -2.52472209499803, a **kurtosis** of 5.33814728865811, and a **standard error** of 0.00203653475932364.

The **R_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.15615571003762, **median** = 2.07595321844684, **standard deviation** = 1.07092310193789, **min value** = 0, **max value** = 9.19893386878924, which accounts for **range** = 9.19893386878924. It has a **skewness** of 0.406487533491955, a **kurtosis** of 1.31763932712828, and a **standard error** of 0.00936599770324699.

The **R_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.58137388417455, **median** = 10.1713391943221, **standard deviation** = 2.53177981029264, **min value**

= 2, **max value** = 14.487872421696, which accounts for **range** = 12.487872421696. It has a **skewness** of -1.79897102798827, a **kurtosis** of 3.13877887047847, and a **standard error** of 0.0221422470440862.

The **R_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.7122226445751, **median** = 7.48604990476145, **standard deviation** = 3.7688994080531, **min value** = 0, **max value** = 33.5595048883507, which accounts for **range** = 33.5595048883507. It has a **skewness** of 0.353789491667268, a **kurtosis** of 1.3316720152681, and a **standard error** of 0.0329617534029455.

The **R_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.1239285442403, **median** = 2.30427269822281, **standard deviation** = 0.627722872291547, **min value** = 0, **max value** = 2.67107843902694, which accounts for **range** = 2.67107843902694. It has a **skewness** of -2.74317421507583, a **kurtosis** of 6.52526063706031, and a **standard error** of 0.00548989088900913.

The **R_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.451717613550485, **median** = 0.399447812059012, **standard deviation** = 0.316294659491952, **min value** = 0, **max value** = 4.64083333333333, which accounts for **range** = 4.64083333333333. It has a **skewness** of 2.94647277732032, a **kurtosis** of 18.4085843133138, and a **standard error** of 0.00276622574393088.

The **R_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.85697491712012, **median** = 0.901012593270154, **standard deviation** = 0.303921761991131, **min value** = 0, **max value** = 1.62314692095103, which accounts for **range** = 1.62314692095103. It has a **skewness** of -1.28707975178972, a **kurtosis** of 2.17963996614167, and a **standard error** of 0.00265801579929013.

The **R_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.336379786131445, **median** = -0.336986049069789, **standard deviation** = 0.132395058591845, **min value** = -0.999999999999999, **max value** = 0, which accounts for **range** = 0.999999999999999. It has a **skewness** of 0.53165412779461, a **kurtosis** of 1.59013158057611, and a **standard error** of 0.00115789062020289.

The **R_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.768801560145328, **median** = 0.826076213204361, **standard deviation** = 0.220908409904356, **min value** = 0, **max value** = 0.973854158607098, which accounts for **range** = 0.973854158607098. It has a **skewness** of -2.97478415661736, a **kurtosis** of 7.59238208816865, and a **standard error** of 0.0019320039469203.

The **R_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.815291658976862, **median** = 0.904147085371961, **standard deviation** = 0.255159434176839, **min value** = 0, **max value** = 1.07714711460997, which accounts for **range** = 1.07714711460997. It has a **skewness** of -2.43776365693165, a **kurtosis** of 4.90477545882382, and a **standard error** of 0.00223155394643888.

The **R_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.23971348281473, **median** = 0.171299443195154, **standard deviation** = 0.223990439665815, **min value** = 0.0572534665298194, **max value** = 1, which accounts for **range** = 0.942746533470181. It has a **skewness** of 2.75810153270514, a **kurtosis** of 6.61190964043786, and a **standard error** of 0.00195895852808018.

The **R_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -7.31167447100429, **median** = -6.78385806974143, **standard deviation** = 13.3623642043314, **min value** = -107.196711436801, **max value** = 104.370152079824, which accounts for **range** = 211.566863516625. It has a **skewness** of 0.0217424964030718, a **kurtosis** of 5.34800379708111, and a **standard error** of 0.116863547178363.

The **R_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 193.445370086761, **median** = 168.047017996684, **standard deviation** = 136.2604344873, **min value** = 0, **max value** = 1502.8912015471, which accounts for **range** = 1502.8912015471. It has a **skewness** of 1.65813290962083, a **kurtosis** of 5.86075328147506, and a **standard error** of 1.19169613032169.

The **R_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0154970561329034, **median** = 0.00217386876429894, **standard deviation** = 0.208244311504897, **min value** = -3.64786394429393, **max value** = 3.53408002747326, which accounts for **range** = 7.18194397176719. It has a **skewness** of 1.15051038555358, a **kurtosis** of 70.6377169891073, and a **standard error** of 0.00182124723963815.

The **R_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.62173986689114, **median** = 2.59417925598565, **standard deviation** = 1.22913701530936, **min value** = 0, **max value** = 13.7688896794052, which accounts for **range** = 13.7688896794052. It has a **skewness** of 0.551229918151247, a **kurtosis** of 4.24396055030651, and a **standard error** of 0.0107496928972133.

The **R_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00784671572720939, **median** = 0, **standard deviation** = 0.244552070545647, **min value** = -7.29936311130102, **max value** = 6.4805743306689, which accounts for **range** = 13.7799374419699. It has a **skewness** of -2.46064960878278, a **kurtosis** of 225.655331923472, and a **standard error** of 0.00213878487345178.

The **R_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.75409516321217, **median** = 2.73849611870081, **standard deviation** = 1.30189469247504, **min value** = 0, **max value** = 16.0552437722458, which accounts for **range** = 16.0552437722458. It has a **skewness** of 0.527620985425629, a **kurtosis** of 4.06879456992819, and a **standard error** of 0.0113860114489321.

The **R_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000176710540010256, **median** = 0, **standard deviation** = 0.0406374023592748, **min value** = -0.826024380494626, **max value** = 0.710681974771433, which accounts for **range** = 1.53670635526606. It has a **skewness** of 0.211880485361957, a **kurtosis** of 86.5758007722026, and a **standard error** of 0.000355403498602428.

The **R_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.905532318555613, **median** = 0.886402291212804, **standard deviation** = 0.441164726484431, **min value** = 0, **max value** = 5.3215471293317, which accounts for **range** = 5.3215471293317. It has a **skewness** of 0.705731870121836, a **kurtosis** of 4.43567247662418, and a **standard error** of 0.00385830486570864.

The **R_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.202797834941773, **median** = 0.0255263428512473, **standard deviation** = 1.45912506333991, **min value** = -21.7607102738384, **max value** = 26.7865954139317, which accounts for **range** = 48.5473056877701. It has a **skewness** of 1.65411254988298, a **kurtosis** of 54.4265273252815, and a **standard error** of 0.0127611048517509.

The **R_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.66834601226377, **median** = 5.6193973328566, **standard deviation** = 2.71978358328516, **min value** = 0, **max value** = 27.6951413467599, which accounts for **range** = 27.6951413467599. It has a **skewness** of 0.380941764374098, a **kurtosis** of 2.2066993521187, and a **standard error** of 0.0237864761235257.

The **R_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.222183704591087, **median** = 0.0312826465933222, **standard deviation** = 1.22407699087042, **min value** = -14.9778418512131, **max value** = 23.9776778004914, which accounts for **range** = 38.9555196517045. It has a **skewness** of 3.52107156547169, a **kurtosis** of 69.5637798193872, and a **standard error** of 0.0107054393208474.

The **R_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.63967265261904, **median** = 5.62221918513707, **standard deviation** = 2.70750089865443, **min value** = 0, **max value** = 25.8299214016217, which accounts for **range** = 25.8299214016217. It has a **skewness** of 0.380909810002348, a **kurtosis** of 2.21093596158951, and a **standard error** of 0.0236790551557335.

The **R_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0261018701271973, **median** = 0, **standard deviation** = 0.352926438534633, **min value** = -6.45830042369587, **max value** = 8.62249722059561, which accounts for **range** = 15.0807976442915. It has a **skewness** of 2.13283719353255, a **kurtosis** of 98.0183056522911, and a **standard error** of 0.00308659716719997.

The **R_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52405380272002, **median** = 2.55580418729871, **standard deviation** = 1.13259234403315, **min value** = 0, **max value** = 10.8834526897868, which accounts for **range** = 10.8834526897868. It has a **skewness** of 0.0786948537447238, a **kurtosis** of 1.87065470998393, and a **standard error** of 0.00990533986402395.

The **R_GFIO_mean8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1999.12283792477, **median** = 1976.64853627726, **standard deviation** = 895.101907666093, **min value** = 0, **max value** = 7928.01351059055, which accounts for **range** = 7928.01351059055. It has a **skewness** of 0.00295343491291759, a **kurtosis** of 1.06622276627023, and a **standard error** of 7.82831409295606.

The **R_GFIO_mean12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5115.6908330066, **median** = 5089.53755638904, **standard deviation** = 2177.07276139095, **min value** = 0, **max value** = 20811.5452296455, which accounts for **range** = 20811.5452296455. It has a **skewness** of -0.0953030930714151, a **kurtosis** of 1.77512555904686, and a **standard error** of 19.0400771503497.

The **R_GFIO_mean15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8599.60881440438, **median** = 8580.82553266717, **standard deviation** = 3600.12686016642, **min value** = 0, **max value** = 36452.7869545249, which accounts for **range** = 36452.7869545249. It has a **skewness** of -0.127911372617414, a **kurtosis** of 2.01646645290462, and a **standard error** of 31.4857153073835.

The **R_GFIO_std8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 966.384263561174, **median** = 993.780025811571, **standard deviation** = 371.032982949448, **min value** = 0, **max value** = 2706.75057045139, which accounts for **range** = 2706.75057045139. It has a **skewness** of -0.779900166743432, a **kurtosis** of 1.55183801263364, and a **standard error** of 3.24495200434564.

The **R_GFIO_std12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2474.88136305605, **median** = 2504.48958255024, **standard deviation** = 974.557886707636, **min value** = 0, **max value** = 8579.26271649244, which accounts for **range** = 8579.26271649244. It has a **skewness** of -0.508860846952848, a **kurtosis** of 1.96659830854215, and a **standard error** of 8.52321414307702.

The **R_GFIO_std15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3981.37899674177, **median** = 4009.07445552811, **standard deviation** = 1572.75733360978, **min value** = 0, **max value** = 13009.3346530038, which accounts for **range** = 13009.3346530038. It has a **skewness** of -0.461294121228321, a **kurtosis** of 2.12734636186164, and a **standard error** of 13.7549013068245.

The **R_GFIS_mean22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3485.81423980274, **median** = 3238.92061390065, **standard deviation** = 1941.02836440455, **min value** = 0, **max value** = 19547.493620327, which accounts for **range** = 19547.493620327. It has a **skewness** of 1.2226957704264, a **kurtosis** of 4.28664611979008, and a **standard error** of 16.9756980403665.

The **R_GFIS_mean45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3699.22308357189, **median** = 3435.20476115247, **standard deviation** = 2058.91620832967, **min value** = 0, **max value** = 22566.1314208676, which accounts for **range** = 22566.1314208676. It has a **skewness** of 1.2204818885862, a **kurtosis** of 4.4653322469594, and a **standard error** of 18.006712567409.

The **R_GFIS_mean67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3773.98835892325, **median** = 3496.36064236133, **standard deviation** = 2082.06906689694, **min value** = 0, **max value** = 21049.3367920748, which accounts for **range** = 21049.3367920748. It has a **skewness** of 1.2223824846688, a **kurtosis** of 4.64014271009016, and a **standard error** of 18.2092010745411.

The **R_GFIS_mean90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3785.67928842741, **median** = 3523.6635279487, **standard deviation** = 2040.26155818958, **min value** = 0, **max value** = 17924.6716219409, which accounts for **range** = 17924.6716219409. It has a **skewness** of 1.01856934247457, a **kurtosis** of 3.31788820685827, and a **standard error** of 17.8435641489551.

The **R_GFIS_mean112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3789.32608093467, **median** = 3517.92766671801, **standard deviation** = 2103.94512315184, **min value** = 0, **max value** = 21534.0705698972, which accounts for **range** = 21534.0705698972. It has a **skewness** of 1.25857351421895, a **kurtosis** of 4.73147459875586, and a **standard error** of 18.4005230212511.

The **R_GFIS_mean135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3676.46285224704, **median** = 3395.27880797207, **standard deviation** = 2080.12961864426, **min value** = 0, **max value** = 23673.1728031785, which accounts for **range** = 23673.1728031785. It has a **skewness** of 1.36203811810292, a **kurtosis** of 5.27111836335936, and a **standard error** of 18.1922391957215.

The **R_GFIS_mean157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3446.8847632742, **median** = 3207.27896492893, **standard deviation** = 1877.48990121641, **min value** = 0, **max value** = 19655.6626731359, which accounts for **range** = 19655.6626731359. It has a **skewness** of 1.11430700388043, a **kurtosis** of 4.05434146416567, and a **standard error** of 16.4200081881156.

The **R_GFIS_mean180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3351.08891246397, **median** = 3128.86302206149, **standard deviation** = 1846.58265704485, **min value** = 0, **max value** = 18955.8838884709, which accounts for **range** = 18955.8838884709. It has a **skewness** of 1.31140297076297, a **kurtosis** of 5.46012337109105, and a **standard error** of 16.1497019659408.

The **R_GFIS_std22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2246.66428026772, **median** = 2159.97146427479, **standard deviation** = 1224.90301853957, **min value** = 0, **max value** = 9669.73297536561, which accounts for **range** = 9669.73297536561. It has a **skewness** of 0.462821919684156, a **kurtosis** of 0.901154868223531, and a **standard error** of 10.7126635307259.

The **R_GFIS_std45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2398.21407379792, **median** = 2302.22545083991, **standard deviation** = 1314.08921548849, **min value** = 0, **max value** = 9655.47099820896, which accounts for **range** = 9655.47099820896. It has a **skewness** of 0.461561339864942, a **kurtosis** of 0.876361065050372, and a **standard error** of 11.4926613795662.

The **R_GFIS_std67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2381.03964651197, **median** = 2297.29574273933, **standard deviation** = 1276.46001062758, **min value** = 0, **max value** = 9870.63586418678, which accounts for **range** = 9870.63586418678. It has a **skewness** of 0.399023879536508, a **kurtosis** of 0.747353409851906, and a **standard error** of 11.1635667455401.

The **R_GFIS_std90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2367.87198515298, **median** = 2281.4767350386, **standard deviation** = 1268.04076066186, **min value** = 0, **max value** = 8571.13840172907, which accounts for **range** = 8571.13840172907. It has a **skewness** of 0.413711098728254, a **kurtosis** of 0.747923504573281, and a **standard error** of 11.0899343104014.

The **R_GFIS_std112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2387.85463834136, **median** = 2298.30829154849, **standard deviation** = 1293.72773598804, **min value** = 0, **max value** = 11479.1041847045, which accounts for **range** = 11479.1041847045. It has a **skewness** of 0.516516721056603, a **kurtosis** of 1.3538692843053, and a **standard error** of 11.3145855028849.

The **R_GFIS_std135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2377.40905438101, **median** = 2295.98407937001, **standard deviation** = 1296.64052729506, **min value** = 0, **max value** = 10982.5439428595, which accounts for **range** = 10982.5439428595. It has a **skewness** of 0.463315892151692, a **kurtosis** of 1.01435487869275, and a **standard error** of 11.3400599712591.

The **R_GFIS_std157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2239.30135481047, **median** = 2162.96024226513, **standard deviation** = 1213.69464706317, **min value** = 0, **max value** = 7889.95815763524, which accounts for **range** = 7889.95815763524. It has a **skewness** of 0.417032255910959, a **kurtosis** of 0.695161871073935, and a **standard error** of 10.614638209099.

The **R_GFIS_std180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2147.5823063715, **median** = 2057.7849002622, **standard deviation** = 1167.41975284665, **min value** = 0, **max value** = 10242.2071947077, which accounts for **range** = 10242.2071947077. It has a **skewness** of 0.493819172738846, a **kurtosis** of 1.05234091895496, and a **standard error** of 10.2099307635638.

The **R_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 103.129567280703, **median** = 99.7789439328004, **standard deviation** = 20.0420077396212, **min value** = 63.4891183035714, **max value** = 190.106391378153, which accounts for **range** = 126.617273074582. It has a **skewness** of 0.70619603236614, a **kurtosis** of 0.161303392538969, and a **standard error** of 0.175281864886538.

The **R_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 27.694551595758, **median** = 26.3789121465667, **standard deviation** = 7.37543635424343, **min value** = 9.43795797471304, **max value** = 65.0098476721251, which accounts for **range** = 55.5718896974121.

It has a **skewness** of 0.911707365781679, a **kurtosis** of 0.982359654146642, and a **standard error** of 0.0645035295524837.

The **R_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.632425060829453, **median** = 0.570692731620404, **standard deviation** = 0.470753652804573, **min value** = -0.997586438183701, **max value** = 4.91192863048547, which accounts for **range** = 5.90951506866917. It has a **skewness** of 1.02798315772106, a **kurtosis** of 2.86566848163359, and a **standard error** of 0.0041170814440218.

The **R_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0795360411428678, **median** = -0.256597652004447, **standard deviation** = 1.48435996021955, **min value** = -1.71530299788238, **max value** = 29.997747647845, which accounts for **range** = 31.7130506457274. It has a **skewness** of 4.36570560199152, a **kurtosis** of 39.9658938554641, and a **standard error** of 0.0129818022909868.

The **R_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.012746608815865, **median** = 0.0115279840144575, **standard deviation** = 0.00477620294409537, **min value** = 0.00527166109630641, **max value** = 0.0966312642000159, which accounts for **range** = 0.0913596031037095. It has a **skewness** of 3.11939899290835, a **kurtosis** of 20.9765549468972, and a **standard error** of 4.17713519520593e-05.

The **R_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.58405852520313, **median** = 6.63578234045398, **standard deviation** = 0.367690600988193, **min value** = 4.2319140833236, **max value** = 7.62549012914011, which accounts for **range** = 3.39357604581651. It has a **skewness** of -0.896923287794764, a **kurtosis** of 1.24051084632892, and a **standard error** of 0.00321572045474526.

The **R_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0976841577684075, **median** = 0.0878521002312254, **standard deviation** = 0.037713465696417, **min value** = 0.0482364786347429, **max value** = 0.470985281763268, which accounts for **range** = 0.422748803128525. It has a **skewness** of 3.06547442283303, a **kurtosis** of 14.7983880090112, and a **standard error** of 0.000329831556023908.

The **R_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.75471181294369, **median** = 2.79151022308479, **standard deviation** = 0.222938403948544, **min value** = 1.33270840243727, **max value** = 3.28388996609431, which accounts for **range** = 1.95118156365704. It has a **skewness** of -1.32961334374386, a **kurtosis** of 3.09099670718177, and a **standard error** of 0.00194975771422728.

The **R_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.630663689955157, **median** = 0.634794387820337, **standard deviation** = 0.154974857817305, **min value** = 0.174910436543306, **max value** = 1.22011174216857, which accounts for **range** = 1.04520130562526. It has a **skewness** of -0.0177184075760618, a **kurtosis** of -0.293659324428293, and a **standard error** of 0.00135536730858766.

The **R_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.77238482922361, **median** = 0.767744300240776, **standard deviation** = 0.0362049185394533, **min value** = 0.670449736062125, **max value** = 0.914678976388184, which accounts for **range** = 0.244229240326059. It has a **skewness** of 0.533234545935175, a **kurtosis** of 0.0829447369848442, and a **standard error** of 0.000316638219189737.

The **R_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.840173582768092, **median** = 0.839726302364839, **standard deviation** = 0.0661271438591884, **min value** = 0.433343537064794, **max value** = 0.98405963019189, which accounts for **range** = 0.550716093127096. It has a **skewness** of -0.290928427544189, a **kurtosis** of 0.218191370232296, and a **standard error** of 0.000578329738509424.

The **R_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.23342019789524, **median** = 2.10838623318869, **standard deviation** = 0.782560006387587, **min value**

= 0.312778275282251, **max value** = 6.37922251460598, which accounts for **range** = 6.06644423932373. It has a **skewness** of 0.933976825305862, a **kurtosis** of 1.30518421601531, and a **standard error** of 0.00684405370396441.

The **R_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.22329113546292, **median** = 7.19582939597286, **standard deviation** = 1.25848242563954, **min value** = 2.90082450094652, **max value** = 11.8151489055493, which accounts for **range** = 8.91432440460278. It has a **skewness** of 0.0657692519194291, a **kurtosis** of -0.424022284208334, and a **standard error** of 0.0110063397519276.

The **R_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.34495470102155, **median** = 7.77873115562415, **standard deviation** = 3.17273603476936, **min value** = 0.946814348874075, **max value** = 25.2809602053428, which accounts for **range** = 24.3341458564687. It has a **skewness** of 1.01562601626718, a **kurtosis** of 1.38159897734306, and a **standard error** of 0.0277478731767822.

The **R_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.28992027702573, **median** = 2.33125569484042, **standard deviation** = 0.184281224775831, **min value** = 1.09135360069095, **max value** = 2.62630645638393, which accounts for **range** = 1.53495285569298. It has a **skewness** of -1.57097032875935, a **kurtosis** of 3.58658504180664, and a **standard error** of 0.00161167270075576.

The **R_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.371053457051388, **median** = 0.374698714290092, **standard deviation** = 0.068054883830942, **min value** = 0.144752725516813, **max value** = 0.59299950492405, which accounts for **range** = 0.448246779407237. It has a **skewness** of -0.145930503973822, a **kurtosis** of -0.324099633892909, and a **standard error** of 0.00059518921993739.

The **R_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.84448890634369, **median** = 0.855792767546881, **standard deviation** = 0.0866732270649622, **min value** = 0.462532702111565, **max value** = 1.07923152809576, which accounts for **range** = 0.616698825984195. It has a **skewness** of -0.584083876664906, a **kurtosis** of 0.141401093979323, and a **standard error** of 0.000758020108217369.

The **R_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.366731373849567, **median** = -0.347906547970266, **standard deviation** = 0.0877017702750457, **min value** = -0.715295278291156, **max value** = -0.137628315832808, which accounts for **range** = 0.577666962458348. It has a **skewness** of -0.816363353144374, a **kurtosis** of 0.0908216190048012, and a **standard error** of 0.000767015463090094.

The **R_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.828646784724483, **median** = 0.830538290060326, **standard deviation** = 0.065908564245087, **min value** = 0.425062509048196, **max value** = 0.960938911952314, which accounts for **range** = 0.535876402904118. It has a **skewness** of -0.481204343963028, a **kurtosis** of 0.453683179181346, and a **standard error** of 0.000576418101567475.

The **R_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.949304429592555, **median** = 0.950046109920932, **standard deviation** = 0.044208072026282, **min value** = 0.64452684267048, **max value** = 1.1388620661491, which accounts for **range** = 0.49433522347862. It has a **skewness** of -0.452737020792782, a **kurtosis** of 1.09090557419047, and a **standard error** of 0.000386631589433344.

The **R_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.198837501815861, **median** = 0.180378368129268, **standard deviation** = 0.0728835407707721, **min value** = 0.0826323311324023, **max value** = 0.674252805578252, which accounts for **range** = 0.59162047444585. It has a **skewness** of 1.85459611520756, a **kurtosis** of 4.92421913734624, and a **standard error** of 0.00063741932005044.

The **R_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 12.429060298438, **median** = 11.8554515703979, **standard deviation** = 9.24132235109276, **min value** = -99.4581954368967, **max value** = 81.6404225016979, which accounts for **range** = 181.098617938595. It has a **skewness** of -0.358538579530436, a **kurtosis** of 7.32027611599848, and a **standard error** of 0.0808220531975409.

The **R_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 198.041326859877, **median** = 175.999933240466, **standard deviation** = 102.900158197205, **min value** = 9.74994895448756, **max value** = 1237.74068548541, which accounts for **range** = 1227.99073653092. It has a **skewness** of 1.32845089804894, a **kurtosis** of 3.14131889217325, and a **standard error** of 0.899936366667965.

The **R_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00150077244279896, **median** = -0.000989976148942158, **standard deviation** = 0.0122068303746313, **min value** = -0.0826967398839084, **max value** = 0.0613958117693797, which accounts for **range** = 0.144092551653288. It has a **skewness** of -0.450224390750191, a **kurtosis** of 4.39948953036144, and a **standard error** of 0.00010675756741622.

The **R_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.77900787537796, **median** = 2.79410112923598, **standard deviation** = 0.351314052993621, **min value** = 1.43190404330344, **max value** = 4.25682829009558, which accounts for **range** = 2.82492424679214. It has a **skewness** of -0.222709113565661, a **kurtosis** of 0.340122703698401, and a **standard error** of 0.00307249568853494.

The **R_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00345240242089374, **median** = -0.0020024562170382, **standard deviation** = 0.0130360089965496, **min value** = -0.106434339083576, **max value** = 0.0719228576279103, which accounts for **range** = 0.178357196711486. It has a **skewness** of -0.453356716544862, a **kurtosis** of 3.63527838447358, and a **standard error** of 0.000114009334657412.

The **R_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.03357112719867, **median** = 3.06051375359647, **standard deviation** = 0.38642097582997, **min value** = 1.48090691964763, **max value** = 4.47827228984825, which accounts for **range** = 2.99736537020062. It has a **skewness** of -0.363695630760537, a **kurtosis** of 0.46748866124525, and a **standard error** of 0.00337953114052801.

The **R_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000176668779061263, **median** = -0.000108352230008794, **standard deviation** = 0.00166820905511063, **min value** = -0.0159117031640081, **max value** = 0.0181186710245008, which accounts for **range** = 0.0340303741885089. It has a **skewness** of -0.0769335404398129, a **kurtosis** of 8.60411507242821, and a **standard error** of 1.45896957031077e-05.

The **R_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.972364534852436, **median** = 0.984572243928882, **standard deviation** = 0.195983784656182, **min value** = 0.398765650582589, **max value** = 1.76071269445781, which accounts for **range** = 1.36194704387522. It has a **skewness** of -0.0523088496780951, a **kurtosis** of -0.486932375836649, and a **standard error** of 0.00171402005768843.

The **R_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0596629650800554, **median** = -0.049774270551414, **standard deviation** = 0.0615527306296031, **min value** = -0.461398754968832, **max value** = 0.187934940163721, which accounts for **range** = 0.649333695132553. It has a **skewness** of -0.98057004699254, a **kurtosis** of 1.92963899617819, and a **standard error** of 0.000538323183674189.

The **R_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.86775502698873, **median** = 5.83884475558362, **standard deviation** = 0.975754573436851, **min value** = 2.37976375285338, **max value** = 9.51317289795726, which accounts for **range** = 7.13340914510388. It has a **skewness** of 0.128758550174434, a **kurtosis** of -0.0324084669072366, and a **standard error** of 0.00853368003473353.

The **R_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0670320746417495, **median** = -0.056188988338431, **standard deviation** = 0.0669442624936799, **min value** = -0.489413847611019, **max value** = 0.451622878283816, which accounts for **range** = 0.941036725894835. It has a **skewness** of -0.932209540043809, a **kurtosis** of 1.65758604860086, and a **standard error** of 0.000585476032431069.

The **R_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.80452153863962, **median** = 5.76180125258, **standard deviation** = 0.988874005418987, **min value** = 2.33690015280782, **max value** = 9.83309176106462, which accounts for **range** = 7.4961916082568. It has a **skewness** of 0.147982855107406, a **kurtosis** of -0.0948689587025013, and a **standard error** of 0.00864841896378478.

The **R_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00885999100699928, **median** = -0.00669942031194063, **standard deviation** = 0.0131911199807215, **min value** = -0.125594240032474, **max value** = 0.0654084559628627, which accounts for **range** = 0.191002695995337. It has a **skewness** of -1.15665450629466, a **kurtosis** of 4.23875430633153, and a **standard error** of 0.000115365892489504.

The **R_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52722213539503, **median** = 2.54478549394495, **standard deviation** = 0.343884034822998, **min value** = 1.24907038776877, **max value** = 3.70427193913705, which accounts for **range** = 2.45520155136828. It has a **skewness** of -0.214163825677645, a **kurtosis** of 0.130026762224104, and a **standard error** of 0.00300751480148973.

The **R_GFIO_mean8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1864.43601263194, **median** = 1859.20139719217, **standard deviation** = 275.035549129299, **min value** = 881.31263174247, **max value** = 3004.71420484543, which accounts for **range** = 2123.40157310296. It has a **skewness** of 0.112457831406462, a **kurtosis** of -0.112831616759618, and a **standard error** of 2.40538495882189.

The **R_GFIO_mean12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4874.24376275745, **median** = 4890.17599420484, **standard deviation** = 608.564893453582, **min value** = 2785.86806582968, **max value** = 7239.07098773054, which accounts for **range** = 4453.20292190086. It has a **skewness** of -0.0944380227405686, a **kurtosis** of -0.103981298459588, and a **standard error** of 5.32234049676291.

The **R_GFIO_mean15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8095.09491826871, **median** = 8077.54932117889, **standard deviation** = 1149.23648099142, **min value** = 4272.05053945801, **max value** = 11981.2968717006, which accounts for **range** = 7709.24633224259. It has a **skewness** of 0.051664098116856, a **kurtosis** of -0.361595402663283, and a **standard error** of 10.0509048894134.

The **R_GFIO_std8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1109.29904292874, **median** = 1108.12601608569, **standard deviation** = 149.673138598698, **min value** = 508.633110773077, **max value** = 1750.72784511937, which accounts for **range** = 1242.09473434629. It has a **skewness** of 0.0104512646070369, a **kurtosis** of -0.0450888067340744, and a **standard error** of 1.30899993642538.

The **R_GFIO_std12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2982.90315172233, **median** = 2964.6207620766, **standard deviation** = 481.600591882659, **min value** = 1618.02480822324, **max value** = 4601.55053574527, which accounts for **range** = 2983.52572752203. It has a **skewness** of 0.179013814756715, a **kurtosis** of -0.442440031693087, and a **standard error** of 4.21194577770624.

The **R_GFIO_std15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5063.19925520125, **median** = 5076.67632282188, **standard deviation** = 939.07827218231, **min value** = 2459.92009980999, **max value** = 8669.17657968363, which accounts for **range** = 6209.25647987364. It has a **skewness** of 0.0507677875339343, a **kurtosis** of -0.688139170418429, and a **standard error** of

8.21291923249476.

The **R_GFIS_mean22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3300.68452137065, **median** = 3267.53666835848, **standard deviation** = 575.972334863688, **min value** = 1562.58640088186, **max value** = 7299.33916165813, which accounts for **range** = 5736.75276077627. It has a **skewness** of 0.403047894870363, a **kurtosis** of 0.476405901246868, and a **standard error** of 5.03729498010209.

The **R_GFIS_mean45_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3437.32484867249, **median** = 3407.79247679858, **standard deviation** = 594.039149485788, **min value** = 1587.69371388147, **max value** = 8388.59104001814, which accounts for **range** = 6800.89732613667. It has a **skewness** of 0.426673691274691, a **kurtosis** of 0.803754420252238, and a **standard error** of 5.19530235145246.

The **R_GFIS_mean67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3587.76606343003, **median** = 3555.24673281862, **standard deviation** = 619.641875047629, **min value** = 1653.84039091929, **max value** = 6563.55849097926, which accounts for **range** = 4909.71810005997. It has a **skewness** of 0.366655507996155, a **kurtosis** of 0.370561920299858, and a **standard error** of 5.41921671876336.

The **R_GFIS_mean90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3651.05885196584, **median** = 3617.94867227678, **standard deviation** = 632.227356752329, **min value** = 1768.00001111456, **max value** = 7211.04924984322, which accounts for **range** = 5443.04923872866. It has a **skewness** of 0.362860218187983, a **kurtosis** of 0.409413728912597, and a **standard error** of 5.52928586614395.

The **R_GFIS_mean112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3577.45652919105, **median** = 3543.95681467583, **standard deviation** = 622.508088917989, **min value** = 1602.52242469999, **max value** = 7023.20135036897, which accounts for **range** = 5420.67892566898. It has a **skewness** of 0.362577046796408, a **kurtosis** of 0.382459407584222, and a **standard error** of 5.44428383373943.

The **R_GFIS_mean135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3413.20526370047, **median** = 3380.74710435434, **standard deviation** = 595.336039779482, **min value** = 1684.83296394439, **max value** = 6648.63960238997, which accounts for **range** = 4963.80663844558. It has a **skewness** of 0.367525555862429, a **kurtosis** of 0.349202447617678, and a **standard error** of 5.20664459581166.

The **R_GFIS_mean157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3285.92168492278, **median** = 3251.01525613415, **standard deviation** = 577.30395491781, **min value** = 1646.54479739929, **max value** = 7348.56811626385, which accounts for **range** = 5702.02331886456. It has a **skewness** of 0.465947675529808, a **kurtosis** of 0.728598049237084, and a **standard error** of 5.04894096135503.

The **R_GFIS_mean180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3242.87919005516, **median** = 3208.80012931443, **standard deviation** = 571.757125181567, **min value** = 1700.4866621447, **max value** = 6479.55938863675, which accounts for **range** = 4779.07272649205. It has a **skewness** of 0.451015384869324, a **kurtosis** of 0.515624695680229, and a **standard error** of 5.00042992029527.

The **R_GFIS_std22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2809.93828254887, **median** = 2752.5363151988, **standard deviation** = 739.288490104077, **min value** = 854.09878059662, **max value** = 5904.22939347603, which accounts for **range** = 5050.13061287941. It has a **skewness** of 0.408214368795683, a **kurtosis** of -0.0942038738169373, and a **standard error** of 6.46561297241796.

The **R_GFIS_std45_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2898.33710245631, **median** = 2840.70300075839, **standard deviation** = 764.032337797482, **min value** = 862.630630668783, **max value** = 7347.05748575626, which accounts for **range** = 6484.42685508748.

It has a **skewness** of 0.433434755725342, a **kurtosis** of -0.0563065491197725, and a **standard error** of 6.68201583107939.

The **R_GFIS_std67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2920.18007551226, **median** = 2852.88856581414, **standard deviation** = 746.016984881835, **min value** = 1102.66795706452, **max value** = 6506.19809600243, which accounts for **range** = 5403.53013893791. It has a **skewness** of 0.45184288866528, a **kurtosis** of -0.0727214636547888, and a **standard error** of 6.524458529602.

The **R_GFIS_std90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2923.33212911464, **median** = 2855.29962432297, **standard deviation** = 729.586025021087, **min value** = 1176.23185457939, **max value** = 6820.31559008077, which accounts for **range** = 5644.08373550138. It has a **skewness** of 0.484779997581922, a **kurtosis** of 0.127318478029626, and a **standard error** of 6.3807578922365.

The **R_GFIS_std112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2911.26534202102, **median** = 2837.64318464888, **standard deviation** = 745.557580457486, **min value** = 1072.90412680946, **max value** = 6499.29760080717, which accounts for **range** = 5426.39347399771. It has a **skewness** of 0.488486852603613, a **kurtosis** of 0.0286250642757251, and a **standard error** of 6.52044070537585.

The **R_GFIS_std135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2882.46588644855, **median** = 2811.6304569571, **standard deviation** = 768.769193933437, **min value** = 992.096163247194, **max value** = 7258.33567670908, which accounts for **range** = 6266.23951346189. It has a **skewness** of 0.438363777132262, a **kurtosis** of -0.102294641875764, and a **standard error** of 6.72344306671347.

The **R_GFIS_std157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2802.22695802433, **median** = 2737.71543068255, **standard deviation** = 750.089223235048, **min value** = 983.910484708534, **max value** = 6626.14948883731, which accounts for **range** = 5642.23900412878. It has a **skewness** of 0.46825169106091, a **kurtosis** of 0.0169843871006647, and a **standard error** of 6.56007320164917.

The **R_GFIS_std180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2767.47303186888, **median** = 2711.51922956199, **standard deviation** = 739.541851858571, **min value** = 969.149716704613, **max value** = 6499.81040435334, which accounts for **range** = 5530.66068764873. It has a **skewness** of 0.484295617659296, a **kurtosis** of 0.0846076242797005, and a **standard error** of 6.46782880435435.

The **G_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 45.8401933749267, **median** = 44.7711514837396, **standard deviation** = 7.30261555550991, **min value** = 29.1373679154659, **max value** = 102.640606767795, which accounts for **range** = 73.5032388523291. It has a **skewness** of 0.734139577215535, a **kurtosis** of 0.786258023786042, and a **standard error** of 0.0638666589569642.

The **G_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 20.7583059320218, **median** = 20.6884835074729, **standard deviation** = 3.97562432322977, **min value** = 6.31102035739053, **max value** = 39.1900218564585, which accounts for **range** = 32.879001499068. It has a **skewness** of 0.132047652941106, a **kurtosis** of 0.26592858958858, and a **standard error** of 0.0347697124218938.

The **G_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.95477156804441, **median** = 0.92390193037286, **standard deviation** = 0.350208901850284, **min value** = -0.155476223254732, **max value** = 4.44217098697336, which accounts for **range** = 4.59764721022809. It has a **skewness** of 1.09904030142061, a **kurtosis** of 4.43493293528696, and a **standard error** of 0.00306283034183405.

The **G_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.26214811899449, **median** = 0.913069668521999, **standard deviation** = 1.47346567029244, **min value**

= -0.629631188521287, **max value** = 30.953118376207, which accounts for **range** = 31.5827495647283. It has a **skewness** of 4.69257857539578, a **kurtosis** of 49.3586956039601, and a **standard error** of 0.0128865238398533.

The **G_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0163744107687183, **median** = 0.0155534019351201, **standard deviation** = 0.00423990586252275, **min value** = 0.00781677007260181, **max value** = 0.0842786966111081, which accounts for **range** = 0.0764619265385063. It has a **skewness** of 2.00718308017463, a **kurtosis** of 12.0503144008109, and a **standard error** of 3.70810457805163e-05.

The **G_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.2197895384526, **median** = 6.24885413049518, **standard deviation** = 0.305811665294764, **min value** = 4.29768901177606, **max value** = 7.16312306872823, which accounts for **range** = 2.86543405695217. It has a **skewness** of -0.56538683819475, a **kurtosis** of 0.545456951236372, and a **standard error** of 0.00267454437166769.

The **G_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.109294054843071, **median** = 0.102959867362945, **standard deviation** = 0.0325350985228035, **min value** = 0.0511462719882374, **max value** = 0.547815281656007, which accounts for **range** = 0.49666900966777. It has a **skewness** of 2.34405206866137, a **kurtosis** of 12.193515253132, and a **standard error** of 0.000284542986782224.

The **G_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.64964579890722, **median** = 2.67206633894531, **standard deviation** = 0.21127819337525, **min value** = 1.17962893394773, **max value** = 3.18924464077094, which accounts for **range** = 2.00961570682321. It has a **skewness** of -0.856345150968311, a **kurtosis** of 1.70163765711408, and a **standard error** of 0.00184778073263894.

The **G_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.729755842657361, **median** = 0.720954186060127, **standard deviation** = 0.131632851865121, **min value** = 0.229963308539615, **max value** = 1.44076242639659, which accounts for **range** = 1.21079911785698. It has a **skewness** of 0.28578513797681, a **kurtosis** of 0.245351647474982, and a **standard error** of 0.0011512245706621.

The **G_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.747179278909566, **median** = 0.746464954746998, **standard deviation** = 0.0273324102241138, **min value** = 0.663060573629094, **max value** = 0.912340919381159, which accounts for **range** = 0.249280345752065. It has a **skewness** of 0.383256987654261, a **kurtosis** of 0.854411810418316, and a **standard error** of 0.000239041711697149.

The **G_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.748711037706755, **median** = 0.750506372700571, **standard deviation** = 0.0290184721311632, **min value** = 0.558886396238348, **max value** = 0.876678797584184, which accounts for **range** = 0.317792401345836. It has a **skewness** of -0.409775375019923, a **kurtosis** of 0.608373106152853, and a **standard error** of 0.000253787543513067.

The **G_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.47165101232545, **median** = 1.4723976048457, **standard deviation** = 0.306011968776072, **min value** = 0.361907286784823, **max value** = 3.80667968635117, which accounts for **range** = 3.44477239956635. It has a **skewness** of 0.0137502757910796, a **kurtosis** of 0.359737152673563, and a **standard error** of 0.00267629617059937.

The **G_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.8034817975048, **median** = 5.79219397216145, **standard deviation** = 0.656624784167546, **min value** = 3.25807614909274, **max value** = 8.76824327028181, which accounts for **range** = 5.51016712118907. It has a **skewness** of 0.10647295246047, a **kurtosis** of 0.275283654076534, and a **standard error** of 0.00574265902871983.

The **G_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 5.15815557027212, **median** = 5.16648287260869, **standard deviation** = 1.11380655620131, **min value** = 1.18486269647496, **max value** = 13.6964212566975, which accounts for **range** = 12.5115585602225. It has a **skewness** of 0.012395452693071, a **kurtosis** of 0.389090042861108, and a **standard error** of 0.00974104455153295.

The **G_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.12314016711001, **median** = 2.14426114521003, **standard deviation** = 0.142258855535457, **min value** = 1.02847946736187, **max value** = 2.48763256548205, which accounts for **range** = 1.45915309812018. It has a **skewness** of -1.11388105300136, a **kurtosis** of 2.45294693274542, and a **standard error** of 0.00124415666428392.

The **G_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.405974665409274, **median** = 0.403013402135438, **standard deviation** = 0.0523336692314053, **min value** = 0.194151949101614, **max value** = 0.811636147484619, which accounts for **range** = 0.617484198383005. It has a **skewness** of 0.257487683445011, a **kurtosis** of 0.422207525650566, and a **standard error** of 0.000457695818623078.

The **G_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.896848218112417, **median** = 0.897714526383057, **standard deviation** = 0.061435802222067, **min value** = 0.508980479811395, **max value** = 1.15723307406052, which accounts for **range** = 0.648252594249125. It has a **skewness** of -0.285905786577713, a **kurtosis** of 0.647847776352084, and a **standard error** of 0.000537300560112846.

The **G_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.265893122789827, **median** = -0.263640518649664, **standard deviation** = 0.0261371820703138, **min value** = -0.45429932969418, **max value** = -0.167796584698417, which accounts for **range** = 0.286502744995763. It has a **skewness** of -0.453221520171544, a **kurtosis** of 0.290680459446861, and a **standard error** of 0.00022858857633842.

The **G_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.736536940691648, **median** = 0.739009193407508, **standard deviation** = 0.0334505575764122, **min value** = 0.556574448745227, **max value** = 0.861069937636502, which accounts for **range** = 0.304495488891275. It has a **skewness** of -0.434727788771207, a **kurtosis** of 0.392529094200196, and a **standard error** of 0.000292549338851762.

The **G_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.897383186689262, **median** = 0.895864982105203, **standard deviation** = 0.0262358817041444, **min value** = 0.708972837195417, **max value** = 1.06478278022995, which accounts for **range** = 0.355809943034533. It has a **skewness** of 0.42657858405119, a **kurtosis** of 1.12492023225367, and a **standard error** of 0.000229451776078995.

The **G_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.221818499014582, **median** = 0.212226549167786, **standard deviation** = 0.0598999171325505, **min value** = 0.0901501011639652, **max value** = 0.733313249801255, which accounts for **range** = 0.64316314863729. It has a **skewness** of 1.38855402002046, a **kurtosis** of 4.11171390092562, and a **standard error** of 0.000523868133270216.

The **G_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 9.91563353896238, **median** = 9.64062369462938, **standard deviation** = 3.7259407380074, **min value** = -3.21501860809103, **max value** = 75.7784021505427, which accounts for **range** = 78.9934207586337. It has a **skewness** of 1.251114764888, a **kurtosis** of 10.7249098774883, and a **standard error** of 0.0325860487381992.

The **G_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 106.389998519275, **median** = 103.702109169069, **standard deviation** = 34.4348317731818, **min value** = 15.1230836293018, **max value** = 783.896563976363, which accounts for **range** = 768.773480347061. It has a **skewness** of 1.48622228080916, a **kurtosis** of 15.5398061303534, and a **standard error** of 0.301157529159383.

The **G_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 0.00739865915923057, **median** = 0.00621353442129711, **standard deviation** = 0.013807160509875, **min value** = -0.0537702027619509, **max value** = 0.0842862662650452, which accounts for **range** = 0.138056469026996. It has a **skewness** of 0.518205895253917, a **kurtosis** of 1.57866470677492, and a **standard error** of 0.000120753612831626.

The **G_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.67938587352475, **median** = 2.66369957613596, **standard deviation** = 0.341580070261862, **min value** = 1.5848638670903, **max value** = 4.28417935891922, which accounts for **range** = 2.69931549182892. It has a **skewness** of 0.375706891728987, a **kurtosis** of 0.193906523101829, and a **standard error** of 0.00298736496370127.

The **G_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00970616850528356, **median** = 0.00872948671748097, **standard deviation** = 0.0145651824338612, **min value** = -0.0773810117318864, **max value** = 0.0957332110085971, which accounts for **range** = 0.173114222740483. It has a **skewness** of 0.333944104661739, a **kurtosis** of 1.1680452523988, and a **standard error** of 0.000127383063243348.

The **G_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.03433789566704, **median** = 3.0129057271368, **standard deviation** = 0.362523764377819, **min value** = 1.61994442761435, **max value** = 4.81258879556294, which accounts for **range** = 3.19264436794859. It has a **skewness** of 0.357276919550906, a **kurtosis** of 0.428461402099758, and a **standard error** of 0.00317053272862538.

The **G_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.55992360447434e-05, **median** = 5.33191620517683e-05, **standard deviation** = 0.00183725638077338, **min value** = -0.0117138341553724, **max value** = 0.0251968140425777, which accounts for **range** = 0.0369106481979501. It has a **skewness** of 0.127015058650536, a **kurtosis** of 5.75289419395144, and a **standard error** of 1.60681369292165e-05.

The **G_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.893398648212098, **median** = 0.907853900356155, **standard deviation** = 0.171892132548095, **min value** = 0.410920842517286, **max value** = 1.60168353474535, which accounts for **range** = 1.19076269222806. It has a **skewness** of -0.115491111957528, a **kurtosis** of -0.623856577390604, and a **standard error** of 0.00150332112150574.

The **G_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0842671665866492, **median** = 0.0705030238325035, **standard deviation** = 0.113213317108057, **min value** = -0.518297003947579, **max value** = 0.591053987107128, which accounts for **range** = 1.10935099105471. It has a **skewness** of 0.623067205174994, a **kurtosis** of 0.670290741721776, and a **standard error** of 0.000990132406418602.

The **G_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.30341580570946, **median** = 7.16697628531371, **standard deviation** = 1.4053140293349, **min value** = 2.74348038621808, **max value** = 13.361690037953, which accounts for **range** = 10.6182096517349. It has a **skewness** of 0.506670073242166, a **kurtosis** of 0.384039842193525, and a **standard error** of 0.0122904884088071.

The **G_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.107293351040261, **median** = 0.0916708192832442, **standard deviation** = 0.120556774228429, **min value** = -0.25441452770971, **max value** = 0.714030617559055, which accounts for **range** = 0.968445145268765. It has a **skewness** of 0.69703090750343, a **kurtosis** of 0.735332235970234, and a **standard error** of 0.00105435625442303.

The **G_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.55343580585858, **median** = 7.3878210684346, **standard deviation** = 1.46744695553953, **min value** = 3.23480980915187, **max value** = 14.3193950996763, which accounts for **range** = 11.0845852905244. It has a **skewness** of 0.545710726088163, a **kurtosis** of 0.361915140702359, and a **standard error** of 0.0128338858227536.

The **G_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0185319249297228, **median** = 0.0155323814947966, **standard deviation** = 0.0221526007033, **min value** = -0.0856736727473564, **max value** = 0.153737029368786, which accounts for **range** = 0.239410702116142. It has a **skewness** of 0.811238045486081, a **kurtosis** of 1.66330829745054, and a **standard error** of 0.000193740528085169.

The **G_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.72806343727735, **median** = 2.69870286072342, **standard deviation** = 0.362249049758205, **min value** = 1.52683670748614, **max value** = 5.0697121044796, which accounts for **range** = 3.54287539699346. It has a **skewness** of 0.520049940239471, a **kurtosis** of 0.81350580701139, and a **standard error** of 0.00316813015042748.

The **G_GFIO_mean8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2128.26502931342, **median** = 2112.51678742393, **standard deviation** = 385.310329497118, **min value** = 702.325517327463, **max value** = 4060.03807186469, which accounts for **range** = 3357.71255453723. It has a **skewness** of 0.24426131918728, a **kurtosis** of 0.170371088912503, and a **standard error** of 3.36981773441716.

The **G_GFIO_mean12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4925.6335860974, **median** = 4951.02999988615, **standard deviation** = 628.098620157482, **min value** = 1843.28589511626, **max value** = 9821.546300097, which accounts for **range** = 7978.26040498074. It has a **skewness** of -0.0872302616068973, a **kurtosis** of 0.945049449038053, and a **standard error** of 5.49317707607801.

The **G_GFIO_mean15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7794.3084857545, **median** = 7770.86283495851, **standard deviation** = 1098.720713827, **min value** = 2865.75009731681, **max value** = 14554.6375407324, which accounts for **range** = 11688.8874434156. It has a **skewness** of 0.0225611370901227, a **kurtosis** of 0.160362338788081, and a **standard error** of 9.60910794023604.

The **G_GFIO_std8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1332.18173011376, **median** = 1328.02098180373, **standard deviation** = 173.43108963476, **min value** = 536.313885871688, **max value** = 2306.11378317705, which accounts for **range** = 1769.79989730536. It has a **skewness** of 0.164891969393078, a **kurtosis** of 0.532527979719371, and a **standard error** of 1.51678041518708.

The **G_GFIO_std12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3236.18014674773, **median** = 3209.36022853806, **standard deviation** = 466.818652972638, **min value** = 1374.20129555135, **max value** = 5280.73184121407, which accounts for **range** = 3906.53054566272. It has a **skewness** of 0.22381767876494, a **kurtosis** of 0.0507743862758527, and a **standard error** of 4.0826670221819.

The **G_GFIO_std15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5377.43286411332, **median** = 5305.1655663799, **standard deviation** = 1005.07959382577, **min value** = 2165.94051382814, **max value** = 9673.32109352109, which accounts for **range** = 7507.38057969295. It has a **skewness** of 0.250992299339664, a **kurtosis** of -0.384999373959859, and a **standard error** of 8.79014856465255.

The **G_GFIS_mean22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3434.00993037361, **median** = 3377.49326563988, **standard deviation** = 661.312886100183, **min value** = 1449.98791946797, **max value** = 11921.8703583089, which accounts for **range** = 10471.8824388409. It has a **skewness** of 0.649115426627819, a **kurtosis** of 2.61886143639102, and a **standard error** of 5.78365987355566.

The **G_GFIS_mean45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3426.07780102672, **median** = 3382.59324630104, **standard deviation** = 663.767635195985, **min value** = 1378.93300706783, **max value** = 10712.6466590429, which accounts for **range** = 9333.71365197507. It has a **skewness** of 0.660251321460965, a **kurtosis** of 2.31466466093944, and a **standard error** of

5.80512843124363.

The **G_GFIS_mean67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3495.38614941994, **median** = 3446.9132061927, **standard deviation** = 682.295607439511, **min value** = 1357.38059754877, **max value** = 7741.13874682689, which accounts for **range** = 6383.75814927812. It has a **skewness** of 0.451893502761115, a **kurtosis** of 0.525314759283611, and a **standard error** of 5.96716895979762.

The **G_GFIS_mean90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3543.28273899569, **median** = 3499.05531185378, **standard deviation** = 681.20594299353, **min value** = 1208.94280349566, **max value** = 7692.37932036356, which accounts for **range** = 6483.4365168679. It has a **skewness** of 0.445123123324699, a **kurtosis** of 0.696607911751707, and a **standard error** of 5.95763905547498.

The **G_GFIS_mean112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3480.7346385343, **median** = 3437.87570882604, **standard deviation** = 671.076074945785, **min value** = 1345.59885134673, **max value** = 7734.25980105548, which accounts for **range** = 6388.66094970875. It has a **skewness** of 0.488290511431577, a **kurtosis** of 0.797214641828198, and a **standard error** of 5.86904602699544.

The **G_GFIS_mean135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3414.6903650624, **median** = 3358.03126588479, **standard deviation** = 664.697740586298, **min value** = 1237.69504942892, **max value** = 7592.00584287477, which accounts for **range** = 6354.31079344585. It has a **skewness** of 0.522226564253826, a **kurtosis** of 0.725669292250458, and a **standard error** of 5.81326287612925.

The **G_GFIS_mean157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3426.22299165821, **median** = 3372.95451639553, **standard deviation** = 664.551302899505, **min value** = 1222.80745488265, **max value** = 8284.96474129085, which accounts for **range** = 7062.1572864082. It has a **skewness** of 0.58086918424243, a **kurtosis** of 1.02340062367203, and a **standard error** of 5.81198217256081.

The **G_GFIS_mean180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3451.50019224298, **median** = 3397.9218124642, **standard deviation** = 671.089217631239, **min value** = 1405.48116979645, **max value** = 7946.40222943333, which accounts for **range** = 6540.92105963688. It has a **skewness** of 0.524539651277142, a **kurtosis** of 0.765381696325755, and a **standard error** of 5.86916096929294.

The **G_GFIS_std22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2861.67662745289, **median** = 2801.99226565988, **standard deviation** = 757.378649928118, **min value** = 798.486990057464, **max value** = 6602.82781463767, which accounts for **range** = 5804.34082458021. It has a **skewness** of 0.473200570257551, a **kurtosis** of 0.140620723233356, and a **standard error** of 6.62382451445748.

The **G_GFIS_std45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2882.85048675044, **median** = 2803.27408654269, **standard deviation** = 777.556753046365, **min value** = 830.929340949301, **max value** = 7516.04575385187, which accounts for **range** = 6685.11641290257. It has a **skewness** of 0.482187552772675, a **kurtosis** of 0.144596741823146, and a **standard error** of 6.80029663194136.

The **G_GFIS_std67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2844.85097507286, **median** = 2777.64134649896, **standard deviation** = 757.65496513251, **min value** = 871.247199655233, **max value** = 6221.02231651836, which accounts for **range** = 5349.77511686313. It has a **skewness** of 0.50040420184759, a **kurtosis** of 0.167833376291906, and a **standard error** of 6.62624109092784.

The **G_GFIS_std90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2825.70205808502, **median** = 2750.21528758231, **standard deviation** = 733.318590953224, **min value** = 834.612110355577, **max value** = 6517.66706831427, which accounts for **range** = 5683.05495795869.

It has a **skewness** of 0.512256196954314, a **kurtosis** of 0.20815880674147, and a **standard error** of 6.41340188309294.

The **G_GFIS_std112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2856.80475101395, **median** = 2773.60251334312, **standard deviation** = 762.674583455659, **min value** = 924.723701955396, **max value** = 6728.84514521656, which accounts for **range** = 5804.12144326116. It has a **skewness** of 0.521297011973069, a **kurtosis** of 0.176143467983823, and a **standard error** of 6.67014128656347.

The **G_GFIS_std135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2909.0921129925, **median** = 2818.77626046127, **standard deviation** = 806.707656851696, **min value** = 968.410796824352, **max value** = 7166.45076994471, which accounts for **range** = 6198.03997312036. It has a **skewness** of 0.50895699349383, a **kurtosis** of 0.128351757994146, and a **standard error** of 7.05524238630434.

The **G_GFIS_std157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2881.64050379376, **median** = 2802.40671503651, **standard deviation** = 782.558702909955, **min value** = 841.550826666586, **max value** = 7253.7346030128, which accounts for **range** = 6412.18377634621. It has a **skewness** of 0.553793804888039, a **kurtosis** of 0.366593266422869, and a **standard error** of 6.84404230410901.

The **G_GFIS_std180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2854.54726393356, **median** = 2777.9590714121, **standard deviation** = 767.649831081198, **min value** = 910.492119689254, **max value** = 8083.85742595036, which accounts for **range** = 7173.36530626111. It has a **skewness** of 0.58743649663925, a **kurtosis** of 0.506169227275095, and a **standard error** of 6.71365342833122.

The **G_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 106.581530722173, **median** = 113.720313986033, **standard deviation** = 39.6568120325376, **min value** = 0, **max value** = 198.585644371941, which accounts for **range** = 198.585644371941. It has a **skewness** of -1.13373950242031, a **kurtosis** of 1.44180234888079, and a **standard error** of 0.346827526404772.

The **G_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 28.7256262684491, **median** = 29.9867310845018, **standard deviation** = 11.2433142481662, **min value** = 0, **max value** = 67.3239443772681, which accounts for **range** = 67.3239443772681. It has a **skewness** of -0.844049259008196, a **kurtosis** of 0.994954981792147, and a **standard error** of 0.0983309214589301.

The **G_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.537159780907181, **median** = -0.522983319082524, **standard deviation** = 0.615026179521229, **min value** = -4.42125094302196, **max value** = 2.94375521322726, which accounts for **range** = 7.36500615624922. It has a **skewness** of -0.388102000997461, a **kurtosis** of 1.73617968452775, and a **standard error** of 0.00537884912036071.

The **G_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.440108083520833, **median** = 0, **standard deviation** = 1.82997654486518, **min value** = -1.82242448395295, **max value** = 27.74944702678, which accounts for **range** = 29.571871510733. It has a **skewness** of 4.10341445091726, a **kurtosis** of 29.741144387146, and a **standard error** of 0.0160044694947641.

The **G_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0858722619015162, **median** = 0.0126794608663591, **standard deviation** = 0.254675299041193, **min value** = 0.00527695596724931, **max value** = 1, which accounts for **range** = 0.994723044032751. It has a **skewness** of 3.30382429982957, a **kurtosis** of 8.94045144186363, and a **standard error** of 0.00222731983424137.

The **G_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.00766042666103, **median** = 6.56559873809564, **standard deviation** = 1.77972004258456, **min value** = 0, **max value** = 7.67295501976559, which accounts for **range** = 7.67295501976559. It has a **skewness** of -2.74707473440227, a **kurtosis** of 6.43189515607025, and a **standard error** of 0.0155649400046618.

The **G_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.163460107556161, **median** = 0.0818947459690582, **standard deviation** = 0.240822554187179, **min value** = 0.0319778936884888, **max value** = 1, which accounts for **range** = 0.968022106311511. It has a **skewness** of 2.98498132538012, a **kurtosis** of 7.51519057088358, and a **standard error** of 0.00210616755332448.

The **G_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.61141895229963, **median** = 2.85959042760019, **standard deviation** = 0.842900695199946, **min value** = 0, **max value** = 3.61735813415984, which accounts for **range** = 3.61735813415984. It has a **skewness** of -2.06184227990056, a **kurtosis** of 3.85990271273717, and a **standard error** of 0.00737177670462265.

The **G_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.13319244817641, **median** = 0.904268695261826, **standard deviation** = 1.21488809618598, **min value** = 0, **max value** = 28.2944444444444, which accounts for **range** = 28.2944444444444. It has a **skewness** of 6.07571322381034, a **kurtosis** of 70.7383530588296, and a **standard error** of 0.010625075785544.

The **G_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.732680712290424, **median** = 0.717753404469852, **standard deviation** = 0.115486691580648, **min value** = 0.276073232323232, **max value** = 1, which accounts for **range** = 0.723926767676768. It has a **skewness** of 0.394851375373421, a **kurtosis** of 0.697063152855649, and a **standard error** of 0.00101001471174041.

The **G_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.736701750239293, **median** = 0.800469762920144, **standard deviation** = 0.22258982663258, **min value** = -0.13230322734376, **max value** = 0.982068639646644, which accounts for **range** = 1.1143718669904. It has a **skewness** of -2.74823344519188, a **kurtosis** of 6.29410254866328, and a **standard error** of 0.00194670915328502.

The **G_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.3119814310862, **median** = 2.24278762050806, **standard deviation** = 1.24005137212889, **min value** = 0, **max value** = 8.04393568020111, which accounts for **range** = 8.04393568020111. It has a **skewness** of 0.342433682050824, a **kurtosis** of 0.316899782957706, and a **standard error** of 0.0108451468478462.

The **G_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.72975251333387, **median** = 10.4000640781865, **standard deviation** = 2.69770005989359, **min value** = 2, **max value** = 15.4539152024446, which accounts for **range** = 13.4539152024446. It has a **skewness** of -1.5722206071841, a **kurtosis** of 2.29625159742189, and a **standard error** of 0.0235933397265324.

The **G_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.24267550932869, **median** = 8.00799444089724, **standard deviation** = 4.40378586212661, **min value** = 0, **max value** = 29.6974263998604, which accounts for **range** = 29.6974263998604. It has a **skewness** of 0.370900904746163, a **kurtosis** of 0.492506028920815, and a **standard error** of 0.0385142949999237.

The **G_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.11367265524241, **median** = 2.31187686980568, **standard deviation** = 0.644025312120696, **min value** = 0, **max value** = 2.68791052120535, which accounts for **range** = 2.68791052120535. It has a **skewness** of -2.49161312248457, a **kurtosis** of 5.48060973751216, and a **standard error** of 0.00563246752567038.

The **G_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.517575214981983, **median** = 0.476321682579767, **standard deviation** = 0.338115789195628, **min value** = 0, **max value** = 5.33249958908613, which accounts for **range** = 5.33249958908613. It has a **skewness** of 2.64964967245716, a **kurtosis** of 18.7706403117307, and a **standard error** of 0.00295706731819243.

The **G_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.906255335266289, **median** = 0.968252889116709, **standard deviation** = 0.317107313329171, **min value** = 0, **max value** = 1.66407231274847, which accounts for **range** = 1.66407231274847. It has a **skewness** of -1.45033307000475, a **kurtosis** of 2.28672254498441, and a **standard error** of 0.00277333298996858.

The **G_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.317890869680592, **median** = -0.314468095967042, **standard deviation** = 0.121318015338501, **min value**

= -0.962989761129265, **max value** = 0, which accounts for **range** = 0.962989761129265. It has a **skewness** of 0.463769514525556, a **kurtosis** of 2.67666286106678, and a **standard error** of 0.00106101385894725.

The **G_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.756718109214805, **median** = 0.809431006045288, **standard deviation** = 0.215988609185168, **min value** = 0, **max value** = 0.976030311013581, which accounts for **range** = 0.976030311013581. It has a **skewness** of -3.03864142896397, a **kurtosis** of 7.87681072347642, and a **standard error** of 0.00188897672848327.

The **G_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.776806946290631, **median** = 0.865829301309198, **standard deviation** = 0.249925905769216, **min value** = 0, **max value** = 1.05040859480287, which accounts for **range** = 1.05040859480287. It has a **skewness** of -2.28001821985492, a **kurtosis** of 4.22609107114646, and a **standard error** of 0.00218578295227788.

The **G_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.249976929530959, **median** = 0.17299747431884, **standard deviation** = 0.230118582377434, **min value** = 0.0572609012470073, **max value** = 1, which accounts for **range** = 0.942739098752993. It has a **skewness** of 2.44658798143243, a **kurtosis** of 5.25429735605361, and a **standard error** of 0.00201255357188708.

The **G_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -9.93641803434981, **median** = -9.5868667757744, **standard deviation** = 15.4923756786003, **min value** = -127.871332231767, **max value** = 139.442029018627, which accounts for **range** = 267.313361250394. It has a **skewness** of 0.539429825238852, a **kurtosis** of 5.77924256251602, and a **standard error** of 0.135492039307996.

The **G_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 230.060114560109, **median** = 202.132221102003, **standard deviation** = 165.201159163186, **min value** = 0, **max value** = 1747.3777158209, which accounts for **range** = 1747.3777158209. It has a **skewness** of 1.32221776895145, a **kurtosis** of 3.51226403699827, and a **standard error** of 1.44480371606165.

The **G_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0338456889745802, **median** = 0.0039701581516014, **standard deviation** = 0.297630931490352, **min value** = -7.77243440351091, **max value** = 7.7271226598308, which accounts for **range** = 15.4995570633417. It has a **skewness** of -0.0178202691889248, a **kurtosis** of 145.777885627186, and a **standard error** of 0.00260299793300711.

The **G_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.05744861470097, **median** = 3.01583624717047, **standard deviation** = 1.49675265563328, **min value** = 0, **max value** = 15.193794985197, which accounts for **range** = 15.193794985197. It has a **skewness** of 0.505767712770998, a **kurtosis** of 2.60723427209447, and a **standard error** of 0.0130901853827065.

The **G_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0240114681948159, **median** = 0, **standard deviation** = 0.348257017254872, **min value** = -10.5946861643302, **max value** = 9.74762019625632, which accounts for **range** = 20.3423063605865. It has a **skewness** of -0.164991544793902, a **kurtosis** of 236.06818878196, and a **standard error** of 0.00304575969819534.

The **G_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.27728285175995, **median** = 3.22886267216698, **standard deviation** = 1.61444355560108, **min value** = 0, **max value** = 20.9171183226254, which accounts for **range** = 20.9171183226254. It has a **skewness** of 0.685956373506555, a **kurtosis** of 4.48104482446813, and a **standard error** of 0.0141194774922864.

The **G_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000403043303041191, **median** = 0, **standard deviation** = 0.0375819113910041, **min value** = -0.662559846136719, **max value** = 0.65306976570103, which accounts for **range** = 1.31562961183775. It has a **skewness** of 0.411851919246095, a **kurtosis** of 67.2737955561197, and a **standard error** of 0.000328681018398826.

The **G_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.856984892330683, **median** = 0.83307834824363, **standard deviation** = 0.424922046852954, **min value**

= 0, **max value** = 5.55122198711728, which accounts for **range** = 5.55122198711728. It has a **skewness** of 0.731869811119376, a **kurtosis** of 4.1467045388842, and a **standard error** of 0.00371625087523286.

The **G_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.631543891886277, **median** = 0.14334396027443, **standard deviation** = 2.68987534589393, **min value** = -32.715399441923, **max value** = 44.8377052222001, which accounts for **range** = 77.5531046641231. It has a **skewness** of 3.17829014394708, a **kurtosis** of 46.7702140274077, and a **standard error** of 0.0235249069387658.

The **G_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10.1009606008566, **median** = 10.0370290637558, **standard deviation** = 4.94390709591068, **min value** = 0, **max value** = 45.3458127250146, which accounts for **range** = 45.3458127250146. It has a **skewness** of 0.400981162299055, a **kurtosis** of 1.86285773293947, and a **standard error** of 0.0432380461506295.

The **G_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.627304026345772, **median** = 0.147816645837544, **standard deviation** = 2.57265190471516, **min value** = -31.9958682892991, **max value** = 60.2902964222495, which accounts for **range** = 92.2861647115486. It has a **skewness** of 4.35220186418594, a **kurtosis** of 78.5501919281115, and a **standard error** of 0.0224997030946612.

The **G_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10.2034473093653, **median** = 10.1874949960613, **standard deviation** = 5.00400438090459, **min value** = 0, **max value** = 39.7775286087247, which accounts for **range** = 39.7775286087247. It has a **skewness** of 0.400807447543159, a **kurtosis** of 1.85610941397728, and a **standard error** of 0.04376364040871.

The **G_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0694229814614624, **median** = 0.00233888836293098, **standard deviation** = 0.570694238462793, **min value** = -10.562695261763, **max value** = 13.8517085667408, which accounts for **range** = 24.4144038285038. It has a **skewness** of 1.68392650325366, a **kurtosis** of 100.608584209522, and a **standard error** of 0.00499113420657985.

The **G_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.38460185347795, **median** = 3.3380435357728, **standard deviation** = 1.68730536861714, **min value** = 0, **max value** = 17.316998329052, which accounts for **range** = 17.316998329052. It has a **skewness** of 0.673462044223752, a **kurtosis** of 3.339893023562, and a **standard error** of 0.0147567067873944.

The **G_GFIO_mean8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3379.02516113921, **median** = 3417.76713414956, **standard deviation** = 1510.9280888345, **min value** = 0, **max value** = 10995.3039612522, which accounts for **range** = 10995.3039612522. It has a **skewness** of -0.202024342846525, a **kurtosis** of 0.48285419013981, and a **standard error** of 13.2141598067944.

The **G_GFIO_mean12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7219.67059667759, **median** = 7329.87211210726, **standard deviation** = 2991.17096439258, **min value** = 0, **max value** = 25399.121582031, which accounts for **range** = 25399.121582031. It has a **skewness** of -0.341093473632136, a **kurtosis** of 1.40749321375649, and a **standard error** of 26.1599552123069.

The **G_GFIO_mean15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10921.1004834209, **median** = 11070.6852605714, **standard deviation** = 4370.86705065153, **min value** = 0, **max value** = 42739.1490286389, which accounts for **range** = 42739.1490286389. It has a **skewness** of -0.40449642603351, a **kurtosis** of 2.00317724285469, and a **standard error** of 38.2263961656271.

The **G_GFIO_std8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1633.06355036978, **median** = 1717.58550080342, **standard deviation** = 581.347707606239, **min value** = 0, **max value** = 3997.4245114278, which accounts for **range** = 3997.4245114278. It has a **skewness** of -1.26532979538459, a **kurtosis** of 2.26097479618038, and a **standard error** of 5.08430650564461.

The **G_GFIO_std12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3488.45251438813, **median** = 3614.10083259156, **standard deviation** = 1305.63395695389, **min value** =

0, **max value** = 11297.7359623614, which accounts for **range** = 11297.7359623614. It has a **skewness** of -0.899712835194666, a **kurtosis** of 2.08251142265015, and a **standard error** of 11.4187140234282.

The **G_GFIO_std15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5105.88012633647, **median** = 5264.10835314684, **standard deviation** = 1961.74720689929, **min value** = 0, **max value** = 16512.8538148303, which accounts for **range** = 16512.8538148303. It has a **skewness** of -0.685817563587644, a **kurtosis** of 2.21373105654155, and a **standard error** of 17.1568993151065.

The **G_GFIS_mean22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4786.6958924704, **median** = 4453.4742937245, **standard deviation** = 2670.91854207141, **min value** = 0, **max value** = 21690.2974400339, which accounts for **range** = 21690.2974400339. It has a **skewness** of 1.07280532625755, a **kurtosis** of 3.18059692890468, and a **standard error** of 23.359115967648.

The **G_GFIS_mean45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4939.65543151403, **median** = 4610.25434392465, **standard deviation** = 2740.90361099716, **min value** = 0, **max value** = 24237.8961710834, which accounts for **range** = 24237.8961710834. It has a **skewness** of 1.07237631447735, a **kurtosis** of 3.49549462444247, and a **standard error** of 23.9711860533844.

The **G_GFIS_mean67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4941.73889313336, **median** = 4598.70349461462, **standard deviation** = 2732.012019667, **min value** = 0, **max value** = 23423.4712713286, which accounts for **range** = 23423.4712713286. It has a **skewness** of 1.05484487997079, a **kurtosis** of 3.31119753098529, and a **standard error** of 23.8934226511142.

The **G_GFIS_mean90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4929.60892699398, **median** = 4622.58933663916, **standard deviation** = 2678.83258491758, **min value** = 0, **max value** = 21039.7718593136, which accounts for **range** = 21039.7718593136. It has a **skewness** of 0.914523294593649, a **kurtosis** of 2.6100221514648, and a **standard error** of 23.4283300008373.

The **G_GFIS_mean112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4960.88035529687, **median** = 4615.30958994637, **standard deviation** = 2757.69706028897, **min value** = 0, **max value** = 25451.3530288776, which accounts for **range** = 25451.3530288776. It has a **skewness** of 1.09626762216044, a **kurtosis** of 3.52769959243686, and a **standard error** of 24.1180569232089.

The **G_GFIS_mean135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4914.66984392875, **median** = 4548.85361606076, **standard deviation** = 2768.33501886569, **min value** = 0, **max value** = 26068.4930745055, which accounts for **range** = 26068.4930745055. It has a **skewness** of 1.1946071890481, a **kurtosis** of 4.07516691547149, and a **standard error** of 24.2110935711404.

The **G_GFIS_mean157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4761.60012532486, **median** = 4444.86108026724, **standard deviation** = 2604.66978819961, **min value** = 0, **max value** = 22111.8745945564, which accounts for **range** = 22111.8745945564. It has a **skewness** of 0.986136526286021, a **kurtosis** of 3.03841381364022, and a **standard error** of 22.7797226615521.

The **G_GFIS_mean180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4689.28609775133, **median** = 4393.54310258345, **standard deviation** = 2588.93073739532, **min value** = 0, **max value** = 25886.8607985746, which accounts for **range** = 25886.8607985746. It has a **skewness** of 1.11434740486303, a **kurtosis** of 3.90556271761135, and a **standard error** of 22.6420732697167.

The **G_GFIS_std22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3158.62315703903, **median** = 3080.09413466606, **standard deviation** = 1718.406565699, **min value** = 0, **max value** = 13455.3218155831, which accounts for **range** = 13455.3218155831. It has a **skewness** of 0.379876313415348, a **kurtosis** of 0.666148376187896, and a **standard error** of 15.0287092681607.

The **G_GFIS_std45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3286.80161130442, **median** = 3233.98621975818, **standard deviation** = 1773.7462311176, **min value** = 0, **max value** = 12114.8943526658, which accounts for **range** = 12114.8943526658. It has a **skewness** of 0.312506483459844, a **kurtosis** of 0.543496119742057, and a **standard error** of 15.5126946993006.

The **G_GFIS_std67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3211.18361805211, **median** = 3158.3744597448, **standard deviation** = 1713.16421212463, **min value** =

0, **max value** = 12153.7721258147, which accounts for **range** = 12153.7721258147. It has a **skewness** of 0.316206285009349, a **kurtosis** of 0.600037714718098, and a **standard error** of 14.9828610915285.

The **G_GFIS_std90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3180.93621426175, **median** = 3113.68011287442, **standard deviation** = 1695.05321267806, **min value** = 0, **max value** = 11803.3227297872, which accounts for **range** = 11803.3227297872. It has a **skewness** of 0.309440781453058, a **kurtosis** of 0.52034274350057, and a **standard error** of 14.8244672919054.

The **G_GFIS_std112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3219.96355066602, **median** = 3143.71666861822, **standard deviation** = 1727.47349632604, **min value** = 0, **max value** = 13462.181669257, which accounts for **range** = 13462.181669257. It has a **skewness** of 0.374968490357483, a **kurtosis** of 0.897206722928379, and a **standard error** of 15.1080061394997.

The **G_GFIS_std135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3258.79544840477, **median** = 3200.86329034748, **standard deviation** = 1751.54197030516, **min value** = 0, **max value** = 12863.166241387, which accounts for **range** = 12863.166241387. It has a **skewness** of 0.305909492115063, a **kurtosis** of 0.553594349492245, and a **standard error** of 15.3185023661673.

The **G_GFIS_std157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3152.39921595123, **median** = 3081.92958366472, **standard deviation** = 1699.32930346468, **min value** = 0, **max value** = 11063.8723518713, which accounts for **range** = 11063.8723518713. It has a **skewness** of 0.32682901344167, a **kurtosis** of 0.530727023275624, and a **standard error** of 14.8618648010392.

The **G_GFIS_std180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3068.20891146786, **median** = 2979.56791386182, **standard deviation** = 1669.11249062852, **min value** = 0, **max value** = 12314.1784024489, which accounts for **range** = 12314.1784024489. It has a **skewness** of 0.404506202940619, a **kurtosis** of 0.689678113020088, and a **standard error** of 14.5975969006542.

The **G_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 60.025247033441, **median** = 55.8516101086253, **standard deviation** = 18.7468976300503, **min value** = 29.7874059626637, **max value** = 147.973681852128, which accounts for **range** = 118.186275889464. It has a **skewness** of 0.982982869255532, a **kurtosis** of 0.635071976307243, and a **standard error** of 0.163955189526055.

The **G_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 34.929106869175, **median** = 34.023941010831, **standard deviation** = 10.995079460422, **min value** = 10.0262029994264, **max value** = 75.7635257747025, which accounts for **range** = 65.7373227752761. It has a **skewness** of 0.45608743629001, a **kurtosis** of -0.143120307350625, and a **standard error** of 0.0961599285578798.

The **G_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.06829249208658, **median** = 1.06943674773941, **standard deviation** = 0.584862511583038, **min value** = -0.996021936509467, **max value** = 4.96932755680451, which accounts for **range** = 5.96534949331398. It has a **skewness** of 0.174488194560918, a **kurtosis** of 0.18694106799845, and a **standard error** of 0.00511504601057685.

The **G_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.1504561577155, **median** = 0.626793813329052, **standard deviation** = 2.42693838958031, **min value** = -1.78326867065249, **max value** = 34.1432994470239, which accounts for **range** = 35.9265681176764. It has a **skewness** of 1.89704490925169, a **kurtosis** of 7.96863633491646, and a **standard error** of 0.0212253329315604.

The **G_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0123712103407744, **median** = 0.0113139360544513, **standard deviation** = 0.00460933805893598, **min value** = 0.00509654170827414, **max value** = 0.0683782149334344, which accounts for **range** = 0.0632816732251603. It has a **skewness** of 1.27735827037976, a **kurtosis** of 3.48319773789944, and a **standard error** of 4.03119977478896e-05.

The **G_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 6.71547592038171, **median** = 6.77629377527465, **standard deviation** = 0.43385243549344, **min value** = 4.7080311997408, **max value** = 7.71867172002285, which accounts for **range** = 3.01064052028205. It has a **skewness** of -0.540344231437839, a **kurtosis** of -0.363467634868827, and a **standard error** of 0.00379435358806494.

The **G_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.113171622542319, **median** = 0.102410520855036, **standard deviation** = 0.0452025109785184, **min value** = 0.0456450697745748, **max value** = 0.521911468916657, which accounts for **range** = 0.476266399142082. It has a **skewness** of 1.77117127860809, a **kurtosis** of 5.3883814213222, and a **standard error** of 0.000395328677885178.

The **G_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.69727340416158, **median** = 2.73829845279772, **standard deviation** = 0.278638826067161, **min value** = 1.1587574001788, **max value** = 3.29973218871347, which accounts for **range** = 2.14097478853467. It has a **skewness** of -0.763244018590521, a **kurtosis** of 0.589121829679887, and a **standard error** of 0.00243689822383888.

The **G_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.671552520905166, **median** = 0.674312702442601, **standard deviation** = 0.140863631077849, **min value** = 0.224845320610752, **max value** = 1.1551002006869, which accounts for **range** = 0.930254880076148. It has a **skewness** of 0.0171762070718373, a **kurtosis** of -0.15406299623486, and a **standard error** of 0.0012319544164831.

The **G_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.775279447251804, **median** = 0.773403829832437, **standard deviation** = 0.0340326286738095, **min value** = 0.680015337448156, **max value** = 0.913389519082761, which accounts for **range** = 0.233374181634605. It has a **skewness** of 0.270218892072506, a **kurtosis** of 0.0727070659441686, and a **standard error** of 0.000297639971924747.

The **G_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.836444200402884, **median** = 0.84385620482549, **standard deviation** = 0.0760812864125612, **min value** = 0.457096436553344, **max value** = 0.983569404284965, which accounts for **range** = 0.526472967731621. It has a **skewness** of -0.506697180259695, a **kurtosis** of -0.0445895708902864, and a **standard error** of 0.00066538592034356.

The **G_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.52621903293824, **median** = 2.35209694611668, **standard deviation** = 1.15789349505236, **min value** = 0.307590080276105, **max value** = 6.91241506449279, which accounts for **range** = 6.60482498421668. It has a **skewness** of 0.687022602308032, a **kurtosis** of 0.0198969710309491, and a **standard error** of 0.0101266167436679.

The **G_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.05667545003167, **median** = 5.82345905061404, **standard deviation** = 1.17502274477129, **min value** = 3.61835683619614, **max value** = 11.3372388502632, which accounts for **range** = 7.71888201406706. It has a **skewness** of 0.727270456775467, a **kurtosis** of 0.10338462839224, and a **standard error** of 0.0102764244312932.

The **G_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.45457839486625, **median** = 8.68429199356772, **standard deviation** = 4.64399903252884, **min value** = 0.952067955261699, **max value** = 27.2060223275517, which accounts for **range** = 26.25395437229. It has a **skewness** of 0.743623508861912, a **kurtosis** of 0.0986966084494068, and a **standard error** of 0.0406151330509526.

The **G_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.22316866520091, **median** = 2.26350983696283, **standard deviation** = 0.22969200874369, **min value** = 0.987823864885827, **max value** = 2.64661568963998, which accounts for **range** = 1.65879182475415. It has a **skewness** of -0.786137541615225, a **kurtosis** of 0.330613993977531, and a **standard error** of 0.002008822876689.

The **G_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.409411620068616, **median** = 0.41381342644667, **standard deviation** = 0.0604720130170944, **min value** = 0.18063521957119, **max value** = 0.600877119190418, which accounts for **range** = 0.420241899619228. It has a **skewness** of -0.265178431401566, a **kurtosis** of -0.206627192858685, and a **standard error** of 0.000528871525886343.

The **G_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.867789090351741, **median** = 0.876131596725323, **standard deviation** = 0.0749681466398978, **min value** = 0.530398149364074, **max value** = 1.067273084738, which accounts for **range** = 0.536874935373926. It has a **skewness** of -0.55370266725343, a **kurtosis** of 0.300287487714327, and a **standard error** of 0.00065565070729671.

The **G_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.351403719263436, **median** = -0.33575914169726, **standard deviation** = 0.0832365065904455, **min value** = -0.691007882518931, **max value** = -0.189026215968615, which accounts for **range** = 0.501981666550316. It has a **skewness** of -0.763622507436929, a **kurtosis** of 0.0162950893258271, and a **standard error** of 0.000727963500032543.

The **G_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.811267602907117, **median** = 0.816436640174524, **standard deviation** = 0.0746362163101032, **min value** = 0.512885730145255, **max value** = 0.955871161143835, which accounts for **range** = 0.44298543099858. It has a **skewness** of -0.357767590064103, a **kurtosis** of -0.497876746211621, and a **standard error** of 0.000652747736298262.

The **G_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.92984528394087, **median** = 0.930926643642104, **standard deviation** = 0.0548510318176242, **min value** = 0.639018468829985, **max value** = 1.06940943250297, which accounts for **range** = 0.430390963672985. It has a **skewness** of -0.215845268297595, a **kurtosis** of -0.306137856670754, and a **standard error** of 0.000479711976606878.

The **G_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.239070138581769, **median** = 0.225014512305664, **standard deviation** = 0.0813585588499553, **min value** = 0.0801544009820662, **max value** = 0.708133534297601, which accounts for **range** = 0.627979133315535. It has a **skewness** of 0.965792877989248, a **kurtosis** of 1.25508147990946, and a **standard error** of 0.000711539487708576.

The **G_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 23.1571280468152, **median** = 22.4824474221421, **standard deviation** = 13.6263905452963, **min value** = -95.7049957440793, **max value** = 93.4982979726106, which accounts for **range** = 189.20329371669. It has a **skewness** of -0.329962923501213, a **kurtosis** of 2.9805852691364, and a **standard error** of 0.119172648642884.

The **G_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 295.000642289001, **median** = 276.580418943076, **standard deviation** = 158.417011365636, **min value** = 9.81530636061035, **max value** = 1116.73798934058, which accounts for **range** = 1106.92268297997. It has a **skewness** of 0.632153993560847, a **kurtosis** of 0.225594861128517, and a **standard error** of 1.38547143293566.

The **G_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00125928219265511, **median** = -0.000896762514966165, **standard deviation** = 0.0157448882901928, **min value** = -0.109356919326689, **max value** = 0.074983902197493, which accounts for **range** = 0.184340821524182. It has a **skewness** of -0.258176837963731, a **kurtosis** of 3.30870837992722, and a **standard error** of 0.000137700444875059.

The **G_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.00689832568891, **median** = 3.01617363373184, **standard deviation** = 0.440412808163326, **min value** = 1.48407565813728, **max value** = 5.06500826497906, which accounts for **range** = 3.58093260684178. It has a **skewness** of -0.0532343173566181, a **kurtosis** of 0.105625093974559, and a **standard error** of

0.00385172879572215.

The **G_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00128744357464367, **median** = -0.000878990997401417, **standard deviation** = 0.0169254906385191, **min value** = -0.11834731598755, **max value** = 0.105259857147925, which accounts for **range** = 0.223607173135475. It has a **skewness** of -0.00379734089794508, a **kurtosis** of 3.17784316220007, and a **standard error** of 0.00014802566697818.

The **G_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.32144226281542, **median** = 3.32894688661447, **standard deviation** = 0.474181301109712, **min value** = 1.55730895145479, **max value** = 5.07529698055845, which accounts for **range** = 3.51798802910366. It has a **skewness** of -0.115937530856026, a **kurtosis** of 0.2318868776423, and a **standard error** of 0.00414705870951862.

The **G_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000190726515024119, **median** = -9.09193458563193e-05, **standard deviation** = 0.00177435337163499, **min value** = -0.0165374904747738, **max value** = 0.0197470194666374, which accounts for **range** = 0.0362845099414112. It has a **skewness** of -0.207080410301796, a **kurtosis** of 9.45464918522396, and a **standard error** of 1.55180045825976e-05.

The **G_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.939914307823442, **median** = 0.949949043358776, **standard deviation** = 0.198304648772545, **min value** = 0.377919218880729, **max value** = 1.89995502183517, which accounts for **range** = 1.52203580295444. It has a **skewness** of 0.0268591420379151, a **kurtosis** of -0.386651677201155, and a **standard error** of 0.00173431769431991.

The **G_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0929754609284575, **median** = -0.0807642437412956, **standard deviation** = 0.0963150547772827, **min value** = -0.732653829872357, **max value** = 0.263585033126073, which accounts for **range** = 0.99623886299843. It has a **skewness** of -0.76986654063745, a **kurtosis** of 1.55744979834128, and a **standard error** of 0.00084234487070058.

The **G_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.40934463988824, **median** = 8.34009063266843, **standard deviation** = 1.34309375811875, **min value** = 3.1010406290628, **max value** = 13.6588295002831, which accounts for **range** = 10.5577888712203. It has a **skewness** of 0.263625172747139, a **kurtosis** of 0.0725695592786133, and a **standard error** of 0.0117463270995111.

The **G_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0999788014392241, **median** = -0.0883131088883253, **standard deviation** = 0.0991056571352779, **min value** = -0.696526352856129, **max value** = 0.53201800389325, which accounts for **range** = 1.22854435674938. It has a **skewness** of -0.703843399822333, a **kurtosis** of 1.26472224860663, and a **standard error** of 0.000866750708270395.

The **G_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.63313276895422, **median** = 8.55083276741309, **standard deviation** = 1.41148261799544, **min value** = 3.55529654020882, **max value** = 14.3664509340237, which accounts for **range** = 10.8111543938149. It has a **skewness** of 0.299299770087338, a **kurtosis** of 0.0978177481599092, and a **standard error** of 0.0123444371817138.

The **G_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0126785815340788, **median** = -0.00991630556541379, **standard deviation** = 0.0182789304542336, **min value** = -0.165354259751478, **max value** = 0.0902586689465563, which accounts for **range** = 0.255612928698034. It has a **skewness** of -0.969272578650143, a **kurtosis** of 3.44664360121701, and a **standard error** of 0.000159862477840255.

The **G_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.03766858924285, **median** = 3.04944396548481, **standard deviation** = 0.450140335563077, **min value** = 1.35578552579896, **max value** = 4.58455592243339, which accounts for **range** = 3.22877039663443.

It has a **skewness** of -0.0854334796531026, a **kurtosis** of 0.141402258254999, and a **standard error** of 0.00393680306400479.

The **G_GFIO_mean8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2492.96245607299, **median** = 2478.6126577886, **standard deviation** = 349.587052477517, **min value** = 1325.59122019143, **max value** = 4067.47839326767, which accounts for **range** = 2741.88717307624. It has a **skewness** of 0.235761201597008, a **kurtosis** of 0.0837342387294666, and a **standard error** of 3.05739181894985.

The **G_GFIO_mean12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5865.39521410532, **median** = 5876.04074949235, **standard deviation** = 578.776292595058, **min value** = 3471.73422355189, **max value** = 9117.49508903975, which accounts for **range** = 5645.76086548786. It has a **skewness** of 0.00973759616239735, a **kurtosis** of 0.553352882953978, and a **standard error** of 5.06181762007922.

The **G_GFIO_mean15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9319.23326727177, **median** = 9286.57916883417, **standard deviation** = 1011.6439413084, **min value** = 5676.68778797796, **max value** = 13787.4376886632, which accounts for **range** = 8110.74990068524. It has a **skewness** of 0.0835199570539804, a **kurtosis** of -0.0293146110207738, and a **standard error** of 8.84755853492429.

The **G_GFIO_std8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1649.46145747138, **median** = 1646.88417475545, **standard deviation** = 165.42496050663, **min value** = 990.629028082997, **max value** = 2457.9714861713, which accounts for **range** = 1467.3424580883. It has a **skewness** of 0.100127865729229, a **kurtosis** of 0.385894588052397, and a **standard error** of 1.4467610208064.

The **G_GFIO_std12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3965.46981060375, **median** = 3931.93514530772, **standard deviation** = 519.881952563382, **min value** = 2467.73027956739, **max value** = 6046.9441784239, which accounts for **range** = 3579.21389885651. It has a **skewness** of 0.28626400158254, a **kurtosis** of -0.206995644683147, and a **standard error** of 4.54674398643291.

The **G_GFIO_std15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6418.11184527388, **median** = 6379.04005560614, **standard deviation** = 1016.48572977964, **min value** = 3502.24352739989, **max value** = 10631.6553568102, which accounts for **range** = 7129.41182941031. It has a **skewness** of 0.186879140038016, a **kurtosis** of -0.5597804676704, and a **standard error** of 8.88990347978463.

The **G_GFIS_mean22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3957.11459658604, **median** = 3901.34946687802, **standard deviation** = 685.930171999207, **min value** = 1846.23972278645, **max value** = 7765.49196205495, which accounts for **range** = 5919.2522392685. It has a **skewness** of 0.510164817592156, a **kurtosis** of 0.470959657358975, and a **standard error** of 5.99895585771477.

The **G_GFIS_mean45_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3964.08283622443, **median** = 3911.77283392805, **standard deviation** = 680.254326123503, **min value** = 1956.62439141491, **max value** = 9863.75926890149, which accounts for **range** = 7907.13487748658. It has a **skewness** of 0.561886065446243, a **kurtosis** of 1.06830199084256, and a **standard error** of 5.9493164771284.

The **G_GFIS_mean67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4031.21683129337, **median** = 3972.66318038948, **standard deviation** = 696.618149269715, **min value** = 1972.13744809547, **max value** = 7631.33315993954, which accounts for **range** = 5659.19571184407. It has a **skewness** of 0.513575801169459, a **kurtosis** of 0.485711075899538, and a **standard error** of 6.09242995532905.

The **G_GFIS_mean90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4080.97314427364, **median** = 4023.00866758041, **standard deviation** = 700.897651271105, **min value** = 1943.51751381745, **max value** = 7806.25531909824, which accounts for **range** = 5862.73780528079.

It has a **skewness** of 0.460593727383383, a **kurtosis** of 0.381548611301009, and a **standard error** of 6.12985729800522.

The **G_GFIS_mean112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4014.85907983552, **median** = 3965.98862847587, **standard deviation** = 688.733395561689, **min value** = 1837.83918024458, **max value** = 7994.78944996047, which accounts for **range** = 6156.95026971589. It has a **skewness** of 0.482073726476144, a **kurtosis** of 0.505865571278672, and a **standard error** of 6.02347207685355.

The **G_GFIS_mean135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3941.7654111509, **median** = 3890.55504976387, **standard deviation** = 684.083792342278, **min value** = 2004.06851934612, **max value** = 7437.3027371355, which accounts for **range** = 5433.23421778938. It has a **skewness** of 0.477688346014808, a **kurtosis** of 0.385738790419919, and a **standard error** of 5.98280793113177.

The **G_GFIS_mean157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3948.62302675404, **median** = 3878.13008991207, **standard deviation** = 689.62766872344, **min value** = 1972.09977446363, **max value** = 7790.44013172395, which accounts for **range** = 5818.34035726032. It has a **skewness** of 0.555050902100226, a **kurtosis** of 0.561376173316573, and a **standard error** of 6.0312931429636.

The **G_GFIS_mean180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3970.24198012579, **median** = 3907.56698650609, **standard deviation** = 695.471316725704, **min value** = 2131.82191965057, **max value** = 8257.49742290174, which accounts for **range** = 6125.67550325117. It has a **skewness** of 0.525210665591885, a **kurtosis** of 0.505659604947134, and a **standard error** of 6.0824000746086.

The **G_GFIS_std22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3725.56137616471, **median** = 3676.67642591133, **standard deviation** = 845.958840407209, **min value** = 1414.64481949939, **max value** = 7381.90923983114, which accounts for **range** = 5967.26442033175. It has a **skewness** of 0.357896255587873, a **kurtosis** of 0.0348531824203082, and a **standard error** of 7.39852239806749.

The **G_GFIS_std45_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3758.21624658096, **median** = 3705.55457250305, **standard deviation** = 860.239001379482, **min value** = 1444.70159550161, **max value** = 8805.46609164299, which accounts for **range** = 7360.76449614138. It has a **skewness** of 0.390579973716319, a **kurtosis** of 0.0931032273501793, and a **standard error** of 7.52341274231936.

The **G_GFIS_std67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3727.58130064652, **median** = 3671.44172536628, **standard deviation** = 846.299402205549, **min value** = 1327.99556792598, **max value** = 7230.99964843763, which accounts for **range** = 5903.00408051165. It has a **skewness** of 0.39797938772211, a **kurtosis** of 0.0551101554453401, and a **standard error** of 7.40150085750617.

The **G_GFIS_std90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3716.19146286347, **median** = 3651.83324994968, **standard deviation** = 830.480563645907, **min value** = 1472.50063906081, **max value** = 7955.37650794091, which accounts for **range** = 6482.8758688801. It has a **skewness** of 0.429497818492456, a **kurtosis** of 0.128592915175881, and a **standard error** of 7.26315366399662.

The **G_GFIS_std112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3723.65515692607, **median** = 3669.71379135806, **standard deviation** = 844.720988900258, **min value** = 1424.30129389324, **max value** = 8574.06527083384, which accounts for **range** = 7149.7639769406. It has a **skewness** of 0.409757701866932, a **kurtosis** of 0.20994456152549, and a **standard error** of 7.38769649063297.

The **G_GFIS_std135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3747.64489463107, **median** = 3690.65235075883, **standard deviation** = 866.781309632479, **min value**

= 1023.03095609996, **max value** = 8301.35729768612, which accounts for **range** = 7278.32634158616. It has a **skewness** of 0.346372824551781, a **kurtosis** of -0.0140866558689532, and a **standard error** of 7.58062996357514.

The **G_GFIS_std157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3725.53859282778, **median** = 3675.01903523473, **standard deviation** = 853.98776644755, **min value** = 1353.03758236145, **max value** = 8178.97440034007, which accounts for **range** = 6825.93681797862. It has a **skewness** of 0.40598879414415, a **kurtosis** of 0.224035299538339, and a **standard error** of 7.46874116794676.

The **G_GFIS_std180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3715.19029483507, **median** = 3650.73740803405, **standard deviation** = 850.166804289945, **min value** = 1559.46889698286, **max value** = 8181.1576456611, which accounts for **range** = 6621.68874867824. It has a **skewness** of 0.454463060881621, a **kurtosis** of 0.274234469706618, and a **standard error** of 7.43532408811389.

The **B_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 135.87132225414, **median** = 135.732479595179, **standard deviation** = 6.25376560588244, **min value** = 114.050912584054, **max value** = 164.198366394399, which accounts for **range** = 50.147453810345. It has a **skewness** of 0.0884011454790733, a **kurtosis** of -0.323314433514176, and a **standard error** of 0.0546937069480988.

The **B_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.74312167992415, **median** = 8.67452127224998, **standard deviation** = 0.761921920706603, **min value** = 5.96346193527844, **max value** = 18.0222625475821, which accounts for **range** = 12.0588006123037. It has a **skewness** of 1.57107575642046, a **kurtosis** of 9.26773249593369, and a **standard error** of 0.0066635587060157.

The **B_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0975169653379437, **median** = 0.0754332833096835, **standard deviation** = 0.171004732776273, **min value** = -0.681931589866008, **max value** = 1.77326645927753, which accounts for **range** = 2.45519804914354. It has a **skewness** of 2.2808598898866, a **kurtosis** of 11.6099010652327, and a **standard error** of 0.00149556016816586.

The **B_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.398325438595576, **median** = 0.337013276040256, **standard deviation** = 0.333831449229837, **min value** = -1.01729839418318, **max value** = 5.12570316889433, which accounts for **range** = 6.14300156307751. It has a **skewness** of 3.79384618279185, a **kurtosis** of 26.4700355385132, and a **standard error** of 0.00291959766401565.

The **B_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0334592173084715, **median** = 0.033427913262598, **standard deviation** = 0.00290901434909827, **min value** = 0.0151065353635437, **max value** = 0.0595606804749532, which accounts for **range** = 0.0444541451114095. It has a **skewness** of 0.160764896984408, a **kurtosis** of 2.30029626111194, and a **standard error** of 2.54414361433274e-05.

The **B_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.15351456087846, **median** = 5.14925085332344, **standard deviation** = 0.118914290059652, **min value** = 4.50889512908175, **max value** = 6.17412465962912, which accounts for **range** = 1.66522953054737. It has a **skewness** of 0.484654907762287, a **kurtosis** of 2.43363253796438, and a **standard error** of 0.00103999154147161.

The **B_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.104161756325509, **median** = 0.101277477204276, **standard deviation** = 0.0189151425296263, **min value** = 0.04586857603346, **max value** = 0.299907716404718, which accounts for **range** = 0.254039140371258. It has a **skewness** of 1.29873109887828, a **kurtosis** of 4.07233072148551, and a **standard error** of 0.000165426612955207.

The **B_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

2.64036203917894, **median** = 2.65118452140055, **standard deviation** = 0.157944141046445, **min value** = 1.93249067191428, **max value** = 3.34138026154978, which accounts for **range** = 1.408895896355. It has a **skewness** of -0.433066913822113, a **kurtosis** of 0.343581501873409, and a **standard error** of 0.00138133583971197.

The **B_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.0518779570728, **median** = 1.04952445879649, **standard deviation** = 0.165184836025775, **min value** = 0.38924062585502, **max value** = 2.15228037035903, which accounts for **range** = 1.76303974450401. It has a **skewness** of 0.104113884814739, a **kurtosis** of 0.0964348700882054, and a **standard error** of 0.00144466095840965.

The **B_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.692806230837185, **median** = 0.691043792424125, **standard deviation** = 0.0223861778564794, **min value** = 0.586988927231518, **max value** = 0.859027220387629, which accounts for **range** = 0.272038293156111. It has a **skewness** of 0.57224094940357, a **kurtosis** of 1.04764219177941, and a **standard error** of 0.000195783329362172.

The **B_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.451553699184289, **median** = 0.44509818863737, **standard deviation** = 0.0472274753965932, **min value** = 0.335357011006649, **max value** = 0.854632228904546, which accounts for **range** = 0.519275217897897. It has a **skewness** of 1.28749293805433, a **kurtosis** of 4.40443806882557, and a **standard error** of 0.00041303845747115.

The **B_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.961672415444309, **median** = 0.958598092716235, **standard deviation** = 0.154814093247189, **min value** = 0.486334963812389, **max value** = 2.24391625613923, which accounts for **range** = 1.75758129232684. It has a **skewness** of 0.275683316525263, a **kurtosis** of 0.820216169232973, and a **standard error** of 0.00135396130605419.

The **B_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.85113895139476, **median** = 8.86670720244481, **standard deviation** = 0.737634369991716, **min value** = 5.47040735034153, **max value** = 11.9394009023299, which accounts for **range** = 6.46899355198837. It has a **skewness** of -0.144337981435033, a **kurtosis** of 0.49779061135681, and a **standard error** of 0.00645114649471734.

The **B_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.80194347671761, **median** = 2.77786079289019, **standard deviation** = 0.491296330936843, **min value** = 1.33559099629818, **max value** = 7.19503369627795, which accounts for **range** = 5.85944269997977. It has a **skewness** of 0.608503965821245, a **kurtosis** of 2.65342115027389, and a **standard error** of 0.00429674203389722.

The **B_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.9163980150316, **median** = 1.92145075648316, **standard deviation** = 0.0898794067564099, **min value** = 1.51500988318864, **max value** = 2.32239992729727, which accounts for **range** = 0.80739004410863. It has a **skewness** of -0.328294062307559, a **kurtosis** of 0.433722169672965, and a **standard error** of 0.000786060470379654.

The **B_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.528663546372728, **median** = 0.527365643773232, **standard deviation** = 0.065486618420135, **min value** = 0.293316310285842, **max value** = 0.904445901369596, which accounts for **range** = 0.611129591083754. It has a **skewness** of 0.123580156731336, a **kurtosis** of 0.0135290713708183, and a **standard error** of 0.000572727879907074.

The **B_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02408973800607, **median** = 1.0269416680044, **standard deviation** = 0.0568463865284633, **min value** = 0.690995973926238, **max value** = 1.29011823937166, which accounts for **range** = 0.599122265445422. It has a **skewness** of -0.302916537370022, a **kurtosis** of 0.221189785508742, and a **standard error** of 0.000497162797870389.

The **B_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0990567296925946, **median** = -0.0955049348815875, **standard deviation** = 0.0202473282450173, **min value** = -0.422472576999974, **max value** = -0.0566221910636877, which accounts for **range** = 0.365850385936286. It has a **skewness** of -2.85275857813261, a **kurtosis** of 22.0667282719624, and a **standard error** of 0.000177077541325388.

The **B_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.467536750929007, **median** = 0.461782975628211, **standard deviation** = 0.0442099355623212, **min value** = 0.352353640613252, **max value** = 0.844498257847107, which accounts for **range** = 0.492144617233855. It has a **skewness** of 1.22142013323406, a **kurtosis** of 4.08626733370762, and a **standard error** of 0.000386647887404908.

The **B_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.707135609573823, **median** = 0.700601560442971, **standard deviation** = 0.0767431572527452, **min value** = 0.476387434075227, **max value** = 1.09381365629421, which accounts for **range** = 0.61742622218983. It has a **skewness** of 0.499909991671736, a **kurtosis** of 0.440525068767319, and a **standard error** of 0.000671174459929448.

The **B_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.202012488806034, **median** = 0.196782611454217, **standard deviation** = 0.0379569539333462, **min value** = 0.0928196706337435, **max value** = 0.521827878827038, which accounts for **range** = 0.429008208193294. It has a **skewness** of 1.1312551679613, a **kurtosis** of 2.85926241499793, and a **standard error** of 0.000331961036902339.

The **B_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.392139571913619, **median** = 0.270171321436794, **standard deviation** = 0.929358561203237, **min value** = -5.26530904014738, **max value** = 18.9769596515494, which accounts for **range** = 24.2422686916968. It has a **skewness** of 4.22458802110405, a **kurtosis** of 43.7520870432406, and a **standard error** of 0.00812791332446879.

The **B_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 25.6299326670497, **median** = 24.6507576387313, **standard deviation** = 8.69288607198947, **min value** = 5.67989840195954, **max value** = 143.895718074996, which accounts for **range** = 138.215819673036. It has a **skewness** of 1.73677558845504, a **kurtosis** of 11.5002372758041, and a **standard error** of 0.0760255809567575.

The **B_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00199122928477381, **median** = 0.0016488410094934, **standard deviation** = 0.00958277334838553, **min value** = -0.0493228754058721, **max value** = 0.0562835735316567, which accounts for **range** = 0.105606448937529. It has a **skewness** of 0.201975931896309, a **kurtosis** of 1.44275889108088, and a **standard error** of 8.38082893246993e-05.

The **B_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.93613056075566, **median** = 2.93772755861516, **standard deviation** = 0.32268201478647, **min value** = 1.66044659805217, **max value** = 4.17679413647562, which accounts for **range** = 2.51634753842345. It has a **skewness** of 0.0461906010586327, a **kurtosis** of -0.290710854418041, and a **standard error** of 0.00282208778940363.

The **B_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00402974436759053, **median** = 0.00349732905429301, **standard deviation** = 0.0101177053444442, **min value** = -0.0598580153470547, **max value** = 0.0637612391871245, which accounts for **range** = 0.123619254534179. It has a **skewness** of 0.276241722395901, a **kurtosis** of 1.2517821515598, and a **standard error** of 8.84866568353193e-05.

The **B_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.18447009974474, **median** = 3.18713166133276, **standard deviation** = 0.317040560954186, **min value** = 1.82183008489411, **max value** = 4.44009019451167, which accounts for **range** = 2.61826010961756. It has a **skewness** of -0.0724083862929629, a **kurtosis** of 0.0787227307030203, and a **standard error** of

0.0027727491921313.

The **B_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.80861508405834e-05, **median** = 6.10396579685618e-05, **standard deviation** = 0.00201307464978619, **min value** = -0.0155867219500331, **max value** = 0.0149401701011791, which accounts for **range** = 0.0305268920512122. It has a **skewness** of -0.105847280674736, a **kurtosis** of 3.15282942406151, and a **standard error** of 1.76057949560002e-05.

The **B_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.08668595623506, **median** = 1.07560729274488, **standard deviation** = 0.250823011235386, **min value** = 0.478482911315114, **max value** = 2.02341834234134, which accounts for **range** = 1.54493543102623. It has a **skewness** of 0.217542293821731, a **kurtosis** of -0.626796686935782, and a **standard error** of 0.00219362878894021.

The **B_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00656444259095455, **median** = -0.00691239836154281, **standard deviation** = 0.0172389416322707, **min value** = -0.132801015962995, **max value** = 0.0821427370248563, which accounts for **range** = 0.214943752987851. It has a **skewness** of 0.103750621212762, a **kurtosis** of 1.37173490055029, and a **standard error** of 0.000150767022806854.

The **B_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.30296298686678, **median** = 3.30464341781452, **standard deviation** = 0.268353504778836, **min value** = 2.18479545388956, **max value** = 4.79514431205475, which accounts for **range** = 2.61034885816519. It has a **skewness** of -0.0421479825927319, a **kurtosis** of 0.319676092531772, and a **standard error** of 0.00234694564424722.

The **B_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000981045159365504, **median** = -0.00086307880777505, **standard deviation** = 0.0222967299443641, **min value** = -0.174158904142699, **max value** = 0.151446718971676, which accounts for **range** = 0.325605623114375. It has a **skewness** of 0.642867989459683, a **kurtosis** of 2.14507066510977, and a **standard error** of 0.000195001042624761.

The **B_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.48195642808405, **median** = 3.48020659055789, **standard deviation** = 0.301255671049524, **min value** = 2.13395963682435, **max value** = 5.33297719274238, which accounts for **range** = 3.19901755591803. It has a **skewness** of 0.119975210993474, a **kurtosis** of 0.569425715373067, and a **standard error** of 0.00263469890418295.

The **B_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00465490303037687, **median** = 0.00403653697136714, **standard deviation** = 0.00862256929920488, **min value** = -0.0326061796862711, **max value** = 0.0491191770568545, which accounts for **range** = 0.0817253567431256. It has a **skewness** of 0.382889048045417, a **kurtosis** of 0.860023957888703, and a **standard error** of 7.54106098806751e-05.

The **B_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.39644479638852, **median** = 2.38429395626126, **standard deviation** = 0.293490677076016, **min value** = 1.29812054220513, **max value** = 3.65160080230349, which accounts for **range** = 2.35348026009836. It has a **skewness** of 0.225817518477822, a **kurtosis** of 0.00370546270760963, and a **standard error** of 0.00256678841127268.

The **B_GFIO_mean8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 697.737692108441, **median** = 688.300995840557, **standard deviation** = 51.2470185999241, **min value** = 552.492013491224, **max value** = 1187.20056178275, which accounts for **range** = 634.708548291526. It has a **skewness** of 1.51172356565705, a **kurtosis** of 4.95162995532214, and a **standard error** of 0.448192272289762.

The **B_GFIO_mean12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1529.32856405374, **median** = 1497.51029149353, **standard deviation** = 163.063390846001, **min value**

= 1155.76228289505, **max value** = 2739.73294322162, which accounts for **range** = 1583.97066032657. It has a **skewness** of 1.1984188332919, a **kurtosis** of 2.3605120212788, and a **standard error** of 1.426107384726.

The **B_GFIO_mean15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2530.1288203883, **median** = 2466.44013573492, **standard deviation** = 341.483507572594, **min value** = 1791.35270679004, **max value** = 4602.8849264052, which accounts for **range** = 2811.53221961516. It has a **skewness** of 1.06133394426863, a **kurtosis** of 1.50863643581678, and a **standard error** of 2.9865204530877.

The **B_GFIO_std8_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 335.036390827546, **median** = 328.260428262042, **standard deviation** = 37.4699012456103, **min value** = 246.415790389761, **max value** = 699.470085219763, which accounts for **range** = 453.054294830002. It has a **skewness** of 1.50269499517855, a **kurtosis** of 4.93213507533229, and a **standard error** of 0.327701408599952.

The **B_GFIO_std12_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 688.135015095752, **median** = 664.20724523124, **standard deviation** = 121.998279839796, **min value** = 408.815426806633, **max value** = 1471.55358635833, which accounts for **range** = 1062.7381595517. It has a **skewness** of 1.24163141522594, a **kurtosis** of 2.34590024043978, and a **standard error** of 1.06696326441362.

The **B_GFIO_std15_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1133.15022197573, **median** = 1092.19143682598, **standard deviation** = 225.555565209909, **min value** = 643.065837685787, **max value** = 2405.16808474853, which accounts for **range** = 1762.10224706274. It has a **skewness** of 1.06632544396925, a **kurtosis** of 1.51130445630458, and a **standard error** of 1.97264668386349.

The **B_GFIS_mean22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 942.310878759236, **median** = 916.475950726453, **standard deviation** = 162.907556793118, **min value** = 584.130662080505, **max value** = 2510.54267413589, which accounts for **range** = 1926.41201205539. It has a **skewness** of 1.03789920268639, a **kurtosis** of 2.26755411169139, and a **standard error** of 1.42474450313465.

The **B_GFIS_mean45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 924.118073742652, **median** = 898.988780680512, **standard deviation** = 160.812784255529, **min value** = 564.339444146239, **max value** = 2258.6152524583, which accounts for **range** = 1694.27580831206. It has a **skewness** of 1.00186936210126, a **kurtosis** of 1.86250654936121, and a **standard error** of 1.40642420101363.

The **B_GFIS_mean67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 926.372380275013, **median** = 901.775346839102, **standard deviation** = 162.769536812043, **min value** = 585.905347066703, **max value** = 1985.45038047882, which accounts for **range** = 1399.54503341212. It has a **skewness** of 0.963038288431774, a **kurtosis** of 1.51149564472434, and a **standard error** of 1.42353741849579.

The **B_GFIS_mean90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 930.899280099051, **median** = 908.656130839975, **standard deviation** = 162.452198242554, **min value** = 573.798693790548, **max value** = 2503.15163431622, which accounts for **range** = 1929.35294052567. It has a **skewness** of 0.96559987354948, a **kurtosis** of 1.99160951309189, and a **standard error** of 1.42076206300331.

The **B_GFIS_mean112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 912.89272053553, **median** = 888.390080309595, **standard deviation** = 157.72029953711, **min value** = 555.433612895353, **max value** = 2045.5207629693, which accounts for **range** = 1490.08715007395. It has a **skewness** of 0.976965201674596, a **kurtosis** of 1.67320994114495, and a **standard error** of 1.37937818368743.

The **B_GFIS_mean135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 914.6243403275, **median** = 890.67769049815, **standard deviation** = 158.289780950196, **min value** = 558.994545495742, **max value** = 2253.33635717394, which accounts for **range** = 1694.3418116782. It has a **skewness** of 0.961394113086976, a **kurtosis** of 1.7052103228025, and a **standard error** of 1.3843587108582.

The **B_GFIS_mean157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 940.404608725082, **median** = 916.432303872943, **standard deviation** = 163.848118498555, **min value** =

545.185060825716, **max value** = 2060.71286045766, which accounts for **range** = 1515.52779963194. It has a **skewness** of 1.06078781095754, a **kurtosis** of 2.23737075449543, and a **standard error** of 1.43297039606473.

The **B_GFIS_mean180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 951.868927569932, **median** = 927.44555350508, **standard deviation** = 165.269866188357, **min value** = 571.06273535182, **max value** = 2043.65566497002, which accounts for **range** = 1472.5929296182. It has a **skewness** of 1.00352745053204, a **kurtosis** of 1.80230095841539, and a **standard error** of 1.44540460872966.

The **B_GFIS_std22_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 675.401859398232, **median** = 632.049678061147, **standard deviation** = 221.594869981518, **min value** = 277.887018685352, **max value** = 1892.28021096069, which accounts for **range** = 1614.39319227534. It has a **skewness** of 1.02663827785883, a **kurtosis** of 1.21997672497915, and a **standard error** of 1.93800753718223.

The **B_GFIS_std45_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 666.304120324657, **median** = 618.701062789861, **standard deviation** = 227.380230146509, **min value** = 244.07729940236, **max value** = 1916.40510596555, which accounts for **range** = 1672.32780656319. It has a **skewness** of 1.05935826843128, a **kurtosis** of 1.29856922177147, and a **standard error** of 1.98860469949922.

The **B_GFIS_std67_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 648.345160689587, **median** = 603.918512860899, **standard deviation** = 219.749469986079, **min value** = 262.893187241848, **max value** = 1997.81432615964, which accounts for **range** = 1734.92113891779. It has a **skewness** of 1.1037503411087, a **kurtosis** of 1.56925896772238, and a **standard error** of 1.92186817844809.

The **B_GFIS_std90_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 636.620599618997, **median** = 596.470462860354, **standard deviation** = 207.276752815932, **min value** = 247.901856250454, **max value** = 2022.64779296545, which accounts for **range** = 1774.745936715. It has a **skewness** of 1.0799047081592, a **kurtosis** of 1.61285903588528, and a **standard error** of 1.81278523854564.

The **B_GFIS_std112_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 629.815289173093, **median** = 587.697932338676, **standard deviation** = 207.446370874188, **min value** = 257.500759897115, **max value** = 1958.36723684493, which accounts for **range** = 1700.86647694782. It has a **skewness** of 1.02975731763212, a **kurtosis** of 1.14197432112049, and a **standard error** of 1.81426867124139.

The **B_GFIS_std135_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 649.132141623523, **median** = 604.041705451124, **standard deviation** = 216.867498591383, **min value** = 252.382803334533, **max value** = 2136.40814061524, which accounts for **range** = 1884.02533728071. It has a **skewness** of 1.06951152559548, a **kurtosis** of 1.42011324619704, and a **standard error** of 1.89666325251578.

The **B_GFIS_std157_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 667.02760386248, **median** = 624.133127694723, **standard deviation** = 217.302266045164, **min value** = 243.794136893805, **max value** = 2307.77766340375, which accounts for **range** = 2063.98352650995. It has a **skewness** of 1.07576907342717, a **kurtosis** of 1.54757454016447, and a **standard error** of 1.9004656086011.

The **B_GFIS_std180_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 675.121887661427, **median** = 635.056223452773, **standard deviation** = 217.96578946471, **min value** = 241.832612682845, **max value** = 1942.28733110636, which accounts for **range** = 1700.45471842352. It has a **skewness** of 1.04961960183116, a **kurtosis** of 1.44024637798614, and a **standard error** of 1.90626860118971.

The **B_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 157.63171396325, **median** = 169.25298245614, **standard deviation** = 44.5154523722233, **min value** = 0, **max value** = 195.454881495977, which accounts for **range** = 195.454881495977. It has a **skewness** of -3.14992711992518, a **kurtosis** of 8.32489616818808, and a **standard error** of 0.38931985305274.

The **B_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.9657741895488, **median** = 8.27408455406576, **standard deviation** = 2.6554700115781, **min value** = 0, **max value** = 23.2381427967598, which accounts for **range** = 23.2381427967598. It has a **skewness** of -1.55018289836392, a **kurtosis** of 3.67719967691614, and a **standard error** of 0.0232240073862223.

The **B_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.232178053587585, **median** = -0.192585858256861, **standard deviation** = 0.300680982991774, **min**

value = -2.78416115286005, **max value** = 1.57359371095822, which accounts for **range** = 4.35775486381827. It has a **skewness** of -0.864424413802628, a **kurtosis** of 4.61653945816021, and a **standard error** of 0.00262967284113582.

The **B_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.411711035278219, **median** = 0.319496904698113, **standard deviation** = 0.721827067618468, **min value** = -1.54545918461191, **max value** = 17.7012875618108, which accounts for **range** = 19.2467467464227. It has a **skewness** of 6.05357074467374, a **kurtosis** of 88.8243942035556, and a **standard error** of 0.00631290019350816.

The **B_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.107779425154543, **median** = 0.0372296884942254, **standard deviation** = 0.248585532628627, **min value** = 0.0151472987736643, **max value** = 1, which accounts for **range** = 0.984852701226336. It has a **skewness** of 3.30317546867263, a **kurtosis** of 8.93792728773174, and a **standard error** of 0.00217406041894797.

The **B_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.61660636058809, **median** = 4.99063056703718, **standard deviation** = 1.3238366748625, **min value** = 0, **max value** = 6.13875630525514, which accounts for **range** = 6.13875630525514. It has a **skewness** of -3.01325311602169, a **kurtosis** of 7.673309098465, and a **standard error** of 0.0115779099673913.

The **B_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.153878859176581, **median** = 0.0835864385596803, **standard deviation** = 0.238818677702249, **min value** = 0.0282511570147469, **max value** = 1, which accounts for **range** = 0.971748842985253. It has a **skewness** of 3.17385802649514, a **kurtosis** of 8.35591899994115, and a **standard error** of 0.00208864220297815.

The **B_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.6371195973316, **median** = 2.83653168723835, **standard deviation** = 0.803644505536631, **min value** = 0, **max value** = 3.75829120186329, which accounts for **range** = 3.75829120186329. It has a **skewness** of -2.46224902308682, a **kurtosis** of 5.50214218994474, and a **standard error** of 0.00702845291082316.

The **B_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.72962848168183, **median** = 1.42221690425239, **standard deviation** = 1.46352266474426, **min value** = 0, **max value** = 23.0416666666667, which accounts for **range** = 23.0416666666667. It has a **skewness** of 3.57336065689185, a **kurtosis** of 23.5724765984242, and a **standard error** of 0.012799565059191.

The **B_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.668548428023669, **median** = 0.653355801371791, **standard deviation** = 0.119157532822716, **min value** = 0.28375, **max value** = 1, which accounts for **range** = 0.71625. It has a **skewness** of 1.15513262110847, a **kurtosis** of 2.17955644324415, and a **standard error** of 0.0010421188755034.

The **B_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.387970826619911, **median** = 0.398306633354459, **standard deviation** = 0.173796530387626, **min value** = -0.464485253903078, **max value** = 0.913147534378802, which accounts for **range** = 1.37763278828188. It has a **skewness** of -0.594887271172709, a **kurtosis** of 0.690099634456998, and a **standard error** of 0.00151997645909146.

The **B_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.36421162966809, **median** = 1.23890058673938, **standard deviation** = 0.771760295605063, **min value** = 0, **max value** = 7.35998263888889, which accounts for **range** = 7.35998263888889. It has a **skewness** of 1.62894450171328, a **kurtosis** of 6.59509269372855, and a **standard error** of 0.00674960241591038.

The **B_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.15910762512427, **median** = 9.59429752067246, **standard deviation** = 2.21320921548965, **min value** = 2, **max value** = 13.9280779246832, which accounts for **range** = 11.9280779246832. It has a **skewness** of -2.2766244677269, a **kurtosis** of 5.08176611757, and a **standard error** of 0.0193561165984477.

The **B_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.81510967958435, **median** = 3.56044929666183, **standard deviation** = 1.96018087050727, **min value** =

0, **max value** = 22.7694202315107, which accounts for **range** = 22.7694202315107. It has a **skewness** of 1.20362518679292, a **kurtosis** of 5.40898974769918, and a **standard error** of 0.0171432005695816.

The **B_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.88336387782112, **median** = 2.01848152915478, **standard deviation** = 0.548615467305117, **min value** = 0, **max value** = 2.53438434021713, which accounts for **range** = 2.53438434021713. It has a **skewness** of -2.8535836794638, a **kurtosis** of 7.06965640280568, and a **standard error** of 0.00479803937131193.

The **B_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.760447034957677, **median** = 0.679947381693354, **standard deviation** = 0.474823846038589, **min value** = 0, **max value** = 5.73715277777778, which accounts for **range** = 5.73715277777778. It has a **skewness** of 2.02678077223475, a **kurtosis** of 8.97302427238898, and a **standard error** of 0.00415267823002126.

The **B_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.074940716315, **median** = 1.13402726975816, **standard deviation** = 0.346109543524267, **min value** = 0, **max value** = 1.82223730734323, which accounts for **range** = 1.82223730734323. It has a **skewness** of -1.93974446556561, a **kurtosis** of 4.00094291654463, and a **standard error** of 0.00302697848599418.

The **B_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.131553152278937, **median** = -0.103773254112594, **standard deviation** = 0.106811250398453, **min value** = -0.928606114674026, **max value** = 0, which accounts for **range** = 0.928606114674026. It has a **skewness** of -2.72777632028187, a **kurtosis** of 10.5324398810414, and a **standard error** of 0.000934141698972212.

The **B_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.504777183620402, **median** = 0.504921748479172, **standard deviation** = 0.187341335632277, **min value** = 0, **max value** = 0.971926870078153, which accounts for **range** = 0.971926870078153. It has a **skewness** of -0.819074387540815, a **kurtosis** of 1.94525563717889, and a **standard error** of 0.00163843558522551.

The **B_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.596502098126384, **median** = 0.610194471014607, **standard deviation** = 0.221694533710628, **min value** = 0, **max value** = 1.12001998741317, which accounts for **range** = 1.12001998741317. It has a **skewness** of -1.05226497166929, a **kurtosis** of 1.55799830139097, and a **standard error** of 0.00193887916863387.

The **B_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.232570949852443, **median** = 0.167712060467188, **standard deviation** = 0.222520867196211, **min value** = 0.0581281864411022, **max value** = 1, which accounts for **range** = 0.941871813558898. It has a **skewness** of 2.900257313528, a **kurtosis** of 7.22414635123592, and a **standard error** of 0.00194610605309839.

The **B_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -1.54308784115051, **median** = -1.19679572882103, **standard deviation** = 3.44183974339381, **min value** = -49.3304976851852, **max value** = 68.761721597121, which accounts for **range** = 118.092219282306. It has a **skewness** of -0.52193446370462, a **kurtosis** of 41.5999107263403, and a **standard error** of 0.0301013798966867.

The **B_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 54.2725465528157, **median** = 41.0439462563531, **standard deviation** = 50.9739903892238, **min value** = 0, **max value** = 868.332967876544, which accounts for **range** = 868.332967876544. It has a **skewness** of 3.7184822278749, a **kurtosis** of 25.2636657461974, and a **standard error** of 0.445804442958493.

The **B_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00520060845868228, **median** = 0, **standard deviation** = 0.199708869525782, **min value** = -4.79259840732751, **max value** = 4.66339117671701, which accounts for **range** = 9.45598958404452. It has a **skewness** of 1.78098868380136, a **kurtosis** of 118.757749105093, and a **standard error** of 0.00174659862123789.

The **B_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.964907150815, **median** = 3.02690620037177, **standard deviation** = 1.2391201465494, **min value** = 0, **max value** = 10.8340819302947, which accounts for **range** = 10.8340819302947. It has a **skewness** of -0.302394617778506, a **kurtosis** of 1.49266590796378, and a **standard error** of 0.0108370026060954.

The **B_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00378857399385216, **median** = 0, **standard deviation** = 0.225744049736404, **min value** = -7.37019239433217, **max value** = 5.4215983046794, which accounts for **range** = 12.7917906990116. It has a **skewness** of -3.08288087169999, a **kurtosis** of 188.910817989454, and a **standard error** of 0.0019742951174803.

The **B_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.04381982156793, **median** = 3.09536789049077, **standard deviation** = 1.3080145064992, **min value** = 0, **max value** = 10.375223794172, which accounts for **range** = 10.375223794172. It has a **skewness** of -0.125034559964586, a **kurtosis** of 1.71316667775627, and a **standard error** of 0.0114395336523385.

The **B_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000440427681404961, **median** = 0, **standard deviation** = 0.0488382659910044, **min value** = -0.947817482461688, **max value** = 1.13084884744979, which accounts for **range** = 2.07866632991148. It has a **skewness** of 1.40009042682031, a **kurtosis** of 122.993487880255, and a **standard error** of 0.000427125987173672.

The **B_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.0662030256538, **median** = 1.03100343049615, **standard deviation** = 0.528944534966355, **min value** = 0, **max value** = 6.57477882856023, which accounts for **range** = 6.57477882856023. It has a **skewness** of 0.706940497976553, a **kurtosis** of 3.9423821666565, and a **standard error** of 0.00462600282940505.

The **B_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0154859220712494, **median** = 0, **standard deviation** = 0.33413738297347, **min value** = -4.27585871047949, **max value** = 10.3928663090689, which accounts for **range** = 14.6687250195484. It has a **skewness** of 3.57980691886008, a **kurtosis** of 122.234355007809, and a **standard error** of 0.00292227327605075.

The **B_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.84759221158656, **median** = 2.95176842121881, **standard deviation** = 1.04923137017104, **min value** = 0, **max value** = 9.17437744018612, which accounts for **range** = 9.17437744018612. It has a **skewness** of -0.891684063470042, a **kurtosis** of 2.44506313653289, and a **standard error** of 0.00917628780760634.

The **B_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0333120883174707, **median** = 0, **standard deviation** = 0.38716568279621, **min value** = -6.87781012394895, **max value** = 10.6387442060733, which accounts for **range** = 17.5165543300222. It has a **skewness** of 2.94626423991925, a **kurtosis** of 97.1167514407258, and a **standard error** of 0.00338604414199634.

The **B_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.03096581588423, **median** = 3.11780488493964, **standard deviation** = 1.15079945396419, **min value** = 0, **max value** = 9.02259032658866, which accounts for **range** = 9.02259032658866. It has a **skewness** of -0.724987767827582, a **kurtosis** of 2.04806470130828, and a **standard error** of 0.0100645742194023.

The **B_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0039593010738523, **median** = 0, **standard deviation** = 0.20748626351704, **min value** = -3.25254622125058, **max value** = 3.52656984598746, which accounts for **range** = 6.77911606723804. It has a **skewness** of 0.849317135680727, a **kurtosis** of 56.6110048547857, and a **standard error** of 0.00181461756127902.

The **B_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.36000952450337, **median** = 2.44460069133092, **standard deviation** = 0.957685546013529, **min value** = 0, **max value** = 8.08743165843202, which accounts for **range** = 8.08743165843202. It has a **skewness** of -0.46560808265843, a **kurtosis** of 1.59383921223261, and a **standard error** of 0.00837565331083477.

The **B_GFIO_mean8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 778.935366916632, **median** = 797.879122730988, **standard deviation** = 246.057981458675, **min value** = 0, **max value** = 1880.7676771987, which accounts for **range** = 1880.7676771987. It has a **skewness** of -1.84500678397205, a **kurtosis** of 5.22606428005491, and a **standard error** of 2.15195515442452.

The **B_GFIO_mean12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1811.56449638469, **median** = 1865.36189258095, **standard deviation** = 584.795711399053, **min value** = 0, **max value** = 6311.91429452872, which accounts for **range** = 6311.91429452872. It has a **skewness** of -1.69419431944445, a **kurtosis** of 4.78642544278316, and a **standard error** of 5.11446179461527.

The **B_GFIO_mean15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2965.14636672479, **median** = 3054.70784122994, **standard deviation** = 973.524268484319, **min value** = 0, **max value** = 11033.3454046146, which accounts for **range** = 11033.3454046146. It has a **skewness** of -1.56427911923235, a **kurtosis** of 4.45414968401608, and a **standard error** of 8.51417440354007.

The **B_GFIO_std8_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 314.820634590463, **median** = 319.86011536001, **standard deviation** = 118.729791233749, **min value** = 0, **max value** = 992.517905776339, which accounts for **range** = 992.517905776339. It has a **skewness** of -0.759685329731863, a **kurtosis** of 2.03453025673126, and a **standard error** of 1.03837796569149.

The **B_GFIO_std12_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 709.849149664823, **median** = 735.470993449383, **standard deviation** = 282.129591887398, **min value** = 0, **max value** = 1955.38112104158, which accounts for **range** = 1955.38112104158. It has a **skewness** of -0.703923844541191, a **kurtosis** of 1.27066528108636, and a **standard error** of 2.4674274976922.

The **B_GFIO_std15_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1151.86670318831, **median** = 1220.29616822253, **standard deviation** = 453.538600409362, **min value** = 0, **max value** = 3095.57898776121, which accounts for **range** = 3095.57898776121. It has a **skewness** of -0.88383724483556, a **kurtosis** of 1.17552418745059, and a **standard error** of 3.96652334988502.

The **B_GFIS_mean22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1031.71760380581, **median** = 959.305874309988, **standard deviation** = 516.514406254847, **min value** = 0, **max value** = 5501.49972397898, which accounts for **range** = 5501.49972397898. It has a **skewness** of 1.26185732195353, a **kurtosis** of 5.97155825718512, and a **standard error** of 4.51729235640062.

The **B_GFIS_mean45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1032.43103776994, **median** = 962.03333872029, **standard deviation** = 513.957746383941, **min value** = 0, **max value** = 5594.77006277126, which accounts for **range** = 5594.77006277126. It has a **skewness** of 1.24488815996615, a **kurtosis** of 6.16841790996924, and a **standard error** of 4.49493251521728.

The **B_GFIS_mean67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1014.58576059295, **median** = 947.131932567129, **standard deviation** = 496.591973104058, **min value** = 0, **max value** = 5827.32128692223, which accounts for **range** = 5827.32128692223. It has a **skewness** of 1.17093215432643, a **kurtosis** of 6.00123214902182, and a **standard error** of 4.34305625784627.

The **B_GFIS_mean90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1000.10887905867, **median** = 942.734383265411, **standard deviation** = 473.99647909584, **min value** = 0, **max value** = 4866.45787511292, which accounts for **range** = 4866.45787511292. It has a **skewness** of 0.985709405485222, a **kurtosis** of 5.29191815710698, and a **standard error** of 4.14544230722577.

The **B_GFIS_mean112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1020.92564139863, **median** = 950.628617099298, **standard deviation** = 502.725105219862, **min value** = 0, **max value** = 5160.85676824039, which accounts for **range** = 5160.85676824039. It has a **skewness** of 1.13089906121869, a **kurtosis** of 5.24152402949317, and a **standard error** of 4.39669493760431.

The **B_GFIS_mean135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1044.71064863412, **median** = 967.011686520837, **standard deviation** = 531.139026455312, **min value** = 0, **max value** = 5609.5055820406, which accounts for **range** = 5609.5055820406. It has a **skewness** of 1.31103766812804, a **kurtosis** of 5.89205722506065, and a **standard error** of 4.64519524593634.

The **B_GFIS_mean157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1035.74857005553, **median** = 962.771911502227, **standard deviation** = 511.851988802496, **min value** = 0, **max value** = 5213.20695164909, which accounts for **range** = 5213.20695164909. It has a **skewness** of 1.13555243242794, a **kurtosis** of 5.3681896070187, and a **standard error** of 4.47651614093633.

The **B_GFIS_mean180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1025.23141540712, **median** = 958.454013372169, **standard deviation** = 506.80907410274, **min value** = 0, **max value** = 5978.49446450954, which accounts for **range** = 5978.49446450954. It has a **skewness** of 1.26066487845026, a **kurtosis** of 6.7298775709922, and a **standard error** of 4.43241220162443.

The **B_GFIS_std22_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 592.358444130848, **median** = 579.984899497465, **standard deviation** = 293.841833212214, **min value** = 0, **max value** = 2289.89859614598, which accounts for **range** = 2289.89859614598. It has a **skewness** of 0.318267681222168, a **kurtosis** of 1.16584967701328, and a **standard error** of 2.56985952586453.

The **B_GFIS_std45_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 593.384240533276, **median** = 583.220218925484, **standard deviation** = 295.088370657509, **min value** = 0, **max value** = 3613.4742668345, which accounts for **range** = 3613.4742668345. It has a **skewness** of 0.377340309926589, a **kurtosis** of 1.88178473560193, and a **standard error** of 2.58076139811709.

The **B_GFIS_std67_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 569.113611426724, **median** = 561.973803334193, **standard deviation** = 273.564339759439, **min value** = 0, **max value** = 2260.59931684729, which accounts for **range** = 2260.59931684729. It has a **skewness** of 0.190284576808568, a **kurtosis** of 1.14733876240967, and a **standard error** of 2.39251816796252.

The **B_GFIS_std90_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 558.353964255118, **median** = 553.264715061724, **standard deviation** = 266.161514169476, **min value** = 0, **max value** = 2228.92126416572, which accounts for **range** = 2228.92126416572. It has a **skewness** of 0.219924651012333, a **kurtosis** of 1.47784573819413, and a **standard error** of 2.32777509971825.

The **B_GFIS_std112_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 573.196387118834, **median** = 563.845470603193, **standard deviation** = 280.792450030738, **min value** = 0, **max value** = 2519.69853925105, which accounts for **range** = 2519.69853925105. It has a **skewness** of 0.409256526280901, a **kurtosis** of 2.14796138330124, and a **standard error** of 2.45573322427917.

The **B_GFIS_std135_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 601.113992892261, **median** = 590.647626079036, **standard deviation** = 299.818533617593, **min value** = 0, **max value** = 2541.72565799595, which accounts for **range** = 2541.72565799595. It has a **skewness** of 0.364554542342651, a **kurtosis** of 1.45809698935777, and a **standard error** of 2.62213009708339.

The **B_GFIS_std157_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 599.37412073189, **median** = 584.990046088491, **standard deviation** = 299.405355284997, **min value** = 0, **max value** = 2335.5127712966, which accounts for **range** = 2335.5127712966. It has a **skewness** of 0.335836836475385, a **kurtosis** of 1.15532032763779, and a **standard error** of 2.61851655348991.

The **B_GFIS_std180_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 587.514262825829, **median** = 574.743696743768, **standard deviation** = 294.150872957402, **min value** = 0, **max value** = 2277.31645594839, which accounts for **range** = 2277.31645594839. It has a **skewness** of 0.422161110609982, a **kurtosis** of 1.58907676256483, and a **standard error** of 2.57256230213148.

The **B_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 143.619519371985, **median** = 142.942541252882, **standard deviation** = 9.4787076944676, **min value** = 117.559709821429, **max value** = 175.092994772218, which accounts for **range** = 57.533284950789. It has a **skewness** of 0.302088340165969, a **kurtosis** of -0.414182235416871, and a **standard error** of 0.0828981598543213.

The **B_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 15.3015449936616, **median** = 15.0681014417681, **standard deviation** = 3.22482767112318, **min value** = 8.63700038607859, **max value** = 26.072395635981, which accounts for **range** = 17.4353952499024. It has a **skewness** of 0.400002615164525, a **kurtosis** of -0.352958637353002, and a **standard error** of 0.0282034522426977.

The **B_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.660003965349468, **median** = 0.698616988249999, **standard deviation** = 0.372105248467822, **min value**

= -0.964804186770893, **max value** = 2.2210397782693, which accounts for **range** = 3.18584396504019. It has a **skewness** of -0.353033989432599, a **kurtosis** of -0.089284001541873, and a **standard error** of 0.00325432974245231.

The **B_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.244441732746362, **median** = 0.16166406921977, **standard deviation** = 1.19815291060308, **min value** = -1.71276975687048, **max value** = 6.02347322607636, which accounts for **range** = 7.73624298294684. It has a **skewness** of 0.389788476067201, a **kurtosis** of -0.484152429495317, and a **standard error** of 0.0104787144740276.

The **B_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.02320844477363, **median** = 0.0227163986624705, **standard deviation** = 0.00432050499084629, **min value** = 0.0118829489483697, **max value** = 0.0472749982561384, which accounts for **range** = 0.0353920493077687. It has a **skewness** of 0.398619818996426, a **kurtosis** of -0.668277853896675, and a **standard error** of 3.77859434985653e-05.

The **B_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.73848978877643, **median** = 5.77033635712472, **standard deviation** = 0.217267321360478, **min value** = 5.00958719482228, **max value** = 6.46692830625658, which accounts for **range** = 1.4573411114343. It has a **skewness** of -0.372873731019729, a **kurtosis** of -0.729878190926157, and a **standard error** of 0.00190015999203917.

The **B_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.114765584650164, **median** = 0.111462757232875, **standard deviation** = 0.0254459908745303, **min value** = 0.0623599351495182, **max value** = 0.417510542839189, which accounts for **range** = 0.355150607689671. It has a **skewness** of 1.10754320618474, a **kurtosis** of 3.46610708874742, and a **standard error** of 0.000222543609019573.

The **B_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.60223493005959, **median** = 2.61754760062021, **standard deviation** = 0.166048247077208, **min value** = 1.67526391455045, **max value** = 3.03259811416047, which accounts for **range** = 1.35733419961002. It has a **skewness** of -0.494741121983213, a **kurtosis** of 0.235390444556286, and a **standard error** of 0.00145221211302575.

The **B_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.710561746872529, **median** = 0.709993010623096, **standard deviation** = 0.118272157021044, **min value** = 0.265556882065317, **max value** = 1.25354680318547, which accounts for **range** = 0.987989921120153. It has a **skewness** of 0.0436164366628455, a **kurtosis** of 0.25104435447847, and a **standard error** of 0.00103437562324751.

The **B_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.748160753561752, **median** = 0.74586039391549, **standard deviation** = 0.0247493959981663, **min value** = 0.670341048591947, **max value** = 0.881839365272765, which accounts for **range** = 0.211498316680818. It has a **skewness** of 0.658705157992542, a **kurtosis** of 0.990095510080824, and a **standard error** of 0.00021645138260265.

The **B_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.736595663550861, **median** = 0.754297209716221, **standard deviation** = 0.121865745757593, **min value** = 0.360636550465362, **max value** = 0.963590019060592, which accounts for **range** = 0.60295346859523. It has a **skewness** of -0.555372023944036, a **kurtosis** of -0.352452302152636, and a **standard error** of 0.0010658041579313.

The **B_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.616613197888, **median** = 1.4836660052514, **standard deviation** = 0.672325464861668, **min value** = 0.449931789258488, **max value** = 4.54807695636206, which accounts for **range** = 4.09814516710357. It has a **skewness** of 0.92155523906349, a **kurtosis** of 0.538564551729685, and a **standard error** of 0.00587997284616804.

The **B_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 8.14636936172436, **median** = 8.08709464929721, **standard deviation** = 0.895024628822884, **min value** = 4.66818468311836, **max value** = 12.1442161093792, which accounts for **range** = 7.47603142626084. It has a **skewness** of 0.321373211996629, a **kurtosis** of 0.0974477247536925, and a **standard error** of 0.0078276382335347.

The **B_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.77853074275774, **median** = 5.21712290207073, **standard deviation** = 2.74160623188022, **min value** = 1.33932872101983, **max value** = 17.7762497252651, which accounts for **range** = 16.4369210042453. It has a **skewness** of 0.949843065829792, a **kurtosis** of 0.583361536132457, and a **standard error** of 0.0239773309815917.

The **B_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.06534488016779, **median** = 2.08174428245179, **standard deviation** = 0.161441494131261, **min value** = 1.33984983812862, **max value** = 2.42926428321582, which accounts for **range** = 1.0894144450872. It has a **skewness** of -0.396040464950168, a **kurtosis** of -0.54644931529348, and a **standard error** of 0.00141192272396216.

The **B_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.395716143899702, **median** = 0.395006088392263, **standard deviation** = 0.0480769752309398, **min value** = 0.205170606354551, **max value** = 0.621564445903973, which accounts for **range** = 0.416393839549422. It has a **skewness** of 0.0993573406601579, a **kurtosis** of 0.263747345248039, and a **standard error** of 0.00042046794842433.

The **B_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.890397687572405, **median** = 0.893961193247335, **standard deviation** = 0.0567827580643447, **min value** = 0.583562238486758, **max value** = 1.09601943987796, which accounts for **range** = 0.512457201391202. It has a **skewness** of -0.441959482691562, a **kurtosis** of 0.625484834321203, and a **standard error** of 0.000496606320894855.

The **B_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.270548385399403, **median** = -0.262962828243818, **standard deviation** = 0.0940729572043704, **min value** = -0.6169637945426, **max value** = -0.0726676038590973, which accounts for **range** = 0.544296190683503. It has a **skewness** of -0.304685547743992, a **kurtosis** of -0.519460219539744, and a **standard error** of 0.000822736104505927.

The **B_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.723152560448413, **median** = 0.737963301824882, **standard deviation** = 0.111818066216519, **min value** = 0.383347422527779, **max value** = 0.941722913377783, which accounts for **range** = 0.558375490850004. It has a **skewness** of -0.503295130382738, a **kurtosis** of -0.525843012483352, and a **standard error** of 0.000977929927433928.

The **B_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.996265435144432, **median** = 1.01507775897589, **standard deviation** = 0.105874329290218, **min value** = 0.52898122365162, **max value** = 1.26371083552385, which accounts for **range** = 0.73472961187223. It has a **skewness** of -0.88069037494972, a **kurtosis** of 0.641749889724022, and a **standard error** of 0.000925947645699873.

The **B_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.232627632232544, **median** = 0.227508815698255, **standard deviation** = 0.0525722840966957, **min value** = 0.104954500882484, **max value** = 0.636793391803376, which accounts for **range** = 0.531838890920892. It has a **skewness** of 0.669363683412722, a **kurtosis** of 0.998737016120498, and a **standard error** of 0.000459782678338987.

The **B_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.38863888498436, **median** = 8.21848041425284, **standard deviation** = 5.97073841443216, **min value** = -44.7328858133136, **max value** = 41.9132261799128, which accounts for **range** = 86.6461119932264. It has a **skewness** of -0.469592351702092, a **kurtosis** of 4.12603789463114, and a **standard error** of 0.0522184292925108.

The **B_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 98.4251053028073, **median** = 87.5323053106078, **standard deviation** = 58.6243277766218, **min value** = 8.11945537986806, **max value** = 444.258872794857, which accounts for **range** = 436.139417414989. It has a **skewness** of 1.17193905118955, a **kurtosis** of 1.88072764324502, and a **standard error** of 0.512712181030232.

The **B_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00102848800747277, **median** = -0.000508442637787296, **standard deviation** = 0.0084324534728787, **min value** = -0.071725290180075, **max value** = 0.0516618781710701, which accounts for **range** = 0.123387168351145. It has a **skewness** of -0.55338775198054, a **kurtosis** of 3.79346568008498, and a **standard error** of 7.37479093660446e-05.

The **B_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.05547500229773, **median** = 3.07588335802233, **standard deviation** = 0.357292732862109, **min value** = 1.57431374998755, **max value** = 4.78826437843437, which accounts for **range** = 3.21395062844682. It has a **skewness** of -0.24156118588705, a **kurtosis** of 0.462849962300123, and a **standard error** of 0.00312478357159151.

The **B_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00275398161606461, **median** = -0.00149559654204, **standard deviation** = 0.00953232869763929, **min value** = -0.0802495091217529, **max value** = 0.0531215262934808, which accounts for **range** = 0.133371035415234. It has a **skewness** of -0.876490925460425, a **kurtosis** of 3.78975440378154, and a **standard error** of 8.33671143400758e-05.

The **B_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.25948411568083, **median** = 3.29137336705683, **standard deviation** = 0.384265130698477, **min value** = 1.60505477242193, **max value** = 4.63818585077321, which accounts for **range** = 3.03313107835128. It has a **skewness** of -0.424184798728789, a **kurtosis** of 0.519384665741164, and a **standard error** of 0.00336067671436652.

The **B_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00017757215199117, **median** = -0.000113492811144733, **standard deviation** = 0.00175576016756949, **min value** = -0.0191133067252144, **max value** = 0.0133089243550122, which accounts for **range** = 0.0324222310802266. It has a **skewness** of -0.170753312331975, a **kurtosis** of 8.32667791930473, and a **standard error** of 1.53553935545431e-05.

The **B_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.12671259989477, **median** = 1.1191529854037, **standard deviation** = 0.267501048061576, **min value** = 0.473410817005028, **max value** = 2.03869377924646, which accounts for **range** = 1.56528296224143. It has a **skewness** of 0.201375177071335, a **kurtosis** of -0.537119896992813, and a **standard error** of 0.00233949029321266.

The **B_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.012161714824395, **median** = -0.0076874356233887, **standard deviation** = 0.0196307429506638, **min value** = -0.186469922359666, **max value** = 0.0467036730237594, which accounts for **range** = 0.233173595383425. It has a **skewness** of -1.94045868045417, a **kurtosis** of 6.65045627743002, and a **standard error** of 0.00017168505661727.

The **B_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.26200173981518, **median** = 3.28621195156507, **standard deviation** = 0.318140756155915, **min value** = 2.00067166114204, **max value** = 4.94960268958154, which accounts for **range** = 2.9489310284395. It has a **skewness** of -0.368105667243996, a **kurtosis** of 0.521708944944927, and a **standard error** of 0.00278237119553554.

The **B_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0193692885796996, **median** = -0.0122046931162678, **standard deviation** = 0.0281377581900204, **min value** = -0.246310438215379, **max value** = 0.055636077162377, which accounts for **range** = 0.301946515377756. It has a **skewness** of -1.74367491530996, a **kurtosis** of 4.70787869384174, and a

standard error of 0.00024608506260194.

The **B_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.45696130859368, **median** = 3.47276266780418, **standard deviation** = 0.363717197294126, **min value** = 2.09390194003177, **max value** = 5.31936391834364, which accounts for **range** = 3.22546197831187. It has a **skewness** of -0.208420372611026, a **kurtosis** of 0.507558167507038, and a **standard error** of 0.00318097016333277.

The **B_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00372792397944064, **median** = -0.00266766931419629, **standard deviation** = 0.00750977811715443, **min value** = -0.0702018432218676, **max value** = 0.0294606361352629, which accounts for **range** = 0.0996624793571305. It has a **skewness** of -0.938890612457265, a **kurtosis** of 2.87586018943516, and a **standard error** of 6.56784455110597e-05.

The **B_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.44814659846921, **median** = 2.4572266193869, **standard deviation** = 0.328548618683733, **min value** = 1.27201520351859, **max value** = 3.67771519639662, which accounts for **range** = 2.40569999287803. It has a **skewness** of -0.123850161927756, a **kurtosis** of 0.0789998464396353, and a **standard error** of 0.00287339548696679.

The **B_GFIO_mean8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 740.771735794753, **median** = 730.568302482224, **standard deviation** = 54.1923676253783, **min value** = 577.615425072087, **max value** = 1318.64377266645, which accounts for **range** = 741.028347594363. It has a **skewness** of 1.48362456221521, a **kurtosis** of 4.80333063828267, and a **standard error** of 0.473951481478309.

The **B_GFIO_mean12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1680.39866578822, **median** = 1646.60096374894, **standard deviation** = 168.693352828841, **min value** = 1296.21510354232, **max value** = 2874.55390419143, which accounts for **range** = 1578.33880064911. It has a **skewness** of 1.30110427077713, a **kurtosis** of 2.88362442939546, and a **standard error** of 1.47534547745669.

The **B_GFIO_mean15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2796.98200590609, **median** = 2726.3763965605, **standard deviation** = 337.915771982882, **min value** = 2088.36966652944, **max value** = 4811.8091987352, which accounts for **range** = 2723.43953220576. It has a **skewness** of 1.24231290776337, a **kurtosis** of 2.25897561100605, and a **standard error** of 2.95531802288654.

The **B_GFIO_std8_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 349.247941520556, **median** = 341.710777088578, **standard deviation** = 46.4359818652437, **min value** = 225.439513585747, **max value** = 776.07673490237, which accounts for **range** = 550.637221316623. It has a **skewness** of 1.10113885642577, a **kurtosis** of 2.70932314488553, and a **standard error** of 0.406116273624952.

The **B_GFIO_std12_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 782.323132804146, **median** = 756.100419559055, **standard deviation** = 138.782515076318, **min value** = 474.779287862361, **max value** = 1685.44553006493, which accounts for **range** = 1210.66624220257. It has a **skewness** of 1.14584172152126, a **kurtosis** of 2.03137960134191, and a **standard error** of 1.21375355065505.

The **B_GFIO_std15_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1321.57009422984, **median** = 1278.33819703462, **standard deviation** = 239.051288196787, **min value** = 767.453016121144, **max value** = 2653.39186205692, which accounts for **range** = 1885.93884593578. It has a **skewness** of 1.0522946046608, a **kurtosis** of 1.53829023276064, and a **standard error** of 2.09067655012562.

The **B_GFIS_mean22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1021.84176136017, **median** = 993.157267755558, **standard deviation** = 177.247208882043, **min value** = 622.415539245576, **max value** = 2092.31171880222, which accounts for **range** = 1469.89617955664. It has a **skewness** of 0.970234675569624, a **kurtosis** of 1.41048322457847, and a **standard error** of 1.55015514026368.

The **B_GFIS_mean45_cel** variable is a numeric variable with the following descriptive statistics: **mean**

= 1002.38464749184, **median** = 975.609920477098, **standard deviation** = 175.148964293253, **min value** = 639.539764364909, **max value** = 2245.46166106027, which accounts for **range** = 1605.92189669536. It has a **skewness** of 1.00590040187487, a **kurtosis** of 1.63655134107537, and a **standard error** of 1.5318044725417.

The **B_GFIS_mean67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1002.22542216134, **median** = 974.401645646963, **standard deviation** = 175.911522839343, **min value** = 647.230211668833, **max value** = 2066.94345241117, which accounts for **range** = 1419.71324074234. It has a **skewness** of 0.972161386735954, a **kurtosis** of 1.41548591415746, and a **standard error** of 1.53847359899751.

The **B_GFIS_mean90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1007.20352675584, **median** = 981.54733266185, **standard deviation** = 176.096734989093, **min value** = 640.159844421711, **max value** = 2298.1509793344, which accounts for **range** = 1657.99113491269. It has a **skewness** of 0.941494021638176, a **kurtosis** of 1.487582400284, and a **standard error** of 1.54009341331101.

The **B_GFIS_mean112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 991.803679172245, **median** = 963.50489659817, **standard deviation** = 171.526101328105, **min value** = 633.222815562187, **max value** = 2046.06110687526, which accounts for **range** = 1412.83829131307. It has a **skewness** of 0.956146832733446, a **kurtosis** of 1.38827711058301, and a **standard error** of 1.50011991353896.

The **B_GFIS_mean135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 995.960640827687, **median** = 969.265488456129, **standard deviation** = 172.902570342435, **min value** = 635.539798007011, **max value** = 2418.33383886767, which accounts for **range** = 1782.79404086066. It has a **skewness** of 0.955729537214904, a **kurtosis** of 1.5236552320438, and a **standard error** of 1.51215813141237.

The **B_GFIS_mean157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1021.71204458301, **median** = 994.30639595529, **standard deviation** = 177.942603158179, **min value** = 643.115596499401, **max value** = 2187.90849955329, which accounts for **range** = 1544.79290305389. It has a **skewness** of 0.996336583971237, a **kurtosis** of 1.69527383195314, and a **standard error** of 1.55623686656257.

The **B_GFIS_mean180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1034.0003003437, **median** = 1006.52300754252, **standard deviation** = 181.211280660905, **min value** = 640.744835184334, **max value** = 2266.98172684659, which accounts for **range** = 1626.23689166226. It has a **skewness** of 1.03143779507039, a **kurtosis** of 1.81859281097686, and a **standard error** of 1.58482381732289.

The **B_GFIS_std22_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 808.656101727888, **median** = 764.275452075169, **standard deviation** = 257.110234121925, **min value** = 298.215247135506, **max value** = 2230.3890010953, which accounts for **range** = 1932.17375395979. It has a **skewness** of 0.930897532124718, a **kurtosis** of 1.00275861204734, and a **standard error** of 2.24861510402537.

The **B_GFIS_std45_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 790.083532607955, **median** = 743.388357209359, **standard deviation** = 259.221068590617, **min value** = 288.209007328465, **max value** = 2212.54975014462, which accounts for **range** = 1924.34074281615. It has a **skewness** of 0.989650056909469, a **kurtosis** of 1.24777869820429, and a **standard error** of 2.26707587936015.

The **B_GFIS_std67_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 767.98090583717, **median** = 726.140210403156, **standard deviation** = 249.689394684976, **min value** = 296.755680933839, **max value** = 2220.93432994351, which accounts for **range** = 1924.17864900967. It has a **skewness** of 1.00415072943256, a **kurtosis** of 1.33535516487944, and a **standard error** of 2.18371449165006.

The **B_GFIS_std90_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 759.122830210957, **median** = 719.103800292292, **standard deviation** = 240.0913108895, **min value** = 299.428948096233, **max value** = 2222.6589754691, which accounts for **range** = 1923.23002737287. It has a **skewness** of 0.988506636795498, a **kurtosis** of 1.38312525933537, and a **standard error** of 2.09977230138325.

The **B_GFIS_std112_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 756.644135963617, **median** = 715.299460289721, **standard deviation** = 241.860311175372, **min value** = 287.867444882589, **max value** = 2134.08085674996, which accounts for **range** = 1846.21341186737. It has a **skewness** of 0.921766843751457, a **kurtosis** of 0.926827098371597, and a **standard error** of 2.11524348935607.

The **B_GFIS_std135_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 780.893127840361, **median** = 735.102671983454, **standard deviation** = 251.819392725548, **min value** = 280.411246135683, **max value** = 2329.73485239033, which accounts for **range** = 2049.32360625465. It has a **skewness** of 0.953674720694832, a **kurtosis** of 1.13010308453427, and a **standard error** of 2.2023428662923.

The **B_GFIS_std157_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 805.327297903781, **median** = 760.534378784783, **standard deviation** = 254.392460388958, **min value** = 273.984390552139, **max value** = 2648.51861826006, which accounts for **range** = 2374.53422770792. It has a **skewness** of 0.96390888831084, a **kurtosis** of 1.25013009553341, and a **standard error** of 2.22484620549768.

The **B_GFIS_std180_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 817.462327059143, **median** = 776.695854507398, **standard deviation** = 257.095559851791, **min value** = 304.74395548521, **max value** = 2259.39967294962, which accounts for **range** = 1954.65571746441. It has a **skewness** of 0.975996309313092, a **kurtosis** of 1.34962827842882, and a **standard error** of 2.24848676691122.

The **X_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 12.7875198055242, **median** = 12.406269902889, **standard deviation** = 2.76252221117664, **min value** = 6.3640730067243, **max value** = 38.1425629761823, which accounts for **range** = 31.778489969458. It has a **skewness** of 0.704087813425351, a **kurtosis** of 1.06737591862256, and a **standard error** of 0.0241602563603579.

The **X_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.64577928573709, **median** = 4.62333443024156, **standard deviation** = 1.1205489974279, **min value** = 0.886052686369097, **max value** = 11.3348828539847, which accounts for **range** = 10.4488301676156. It has a **skewness** of 0.199713714644613, a **kurtosis** of 0.632207201941793, and a **standard error** of 0.00980001208050702.

The **X_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.47419999004211, **median** = 1.40273640624901, **standard deviation** = 0.462291131036629, **min value** = 0.227350111957029, **max value** = 6.96741194963381, which accounts for **range** = 6.74006183767678. It has a **skewness** of 2.04503811560939, a **kurtosis** of 11.3503719464892, and a **standard error** of 0.00404307056565078.

The **X_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.36943597420255, **median** = 2.65857415861668, **standard deviation** = 3.10906025598335, **min value** = -0.261659913974279, **max value** = 70.8542637934999, which accounts for **range** = 71.1159237074742. It has a **skewness** of 6.53432763378689, a **kurtosis** of 84.6938647111193, and a **standard error** of 0.0271909824002334.

The **X_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0865725377783993, **median** = 0.0781853011592225, **standard deviation** = 0.0325310933564794, **min value** = 0.0279155626781786, **max value** = 0.518386970991566, which accounts for **range** = 0.490471408313387. It has a **skewness** of 2.09631880859276, a **kurtosis** of 8.1967548138286, and a **standard error** of 0.000284507958703621.

The **X_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.93539445995112, **median** = 3.99096685176634, **standard deviation** = 0.422884324489119, **min value** = 1.4346995495339, **max value** = 5.40316018982105, which accounts for **range** = 3.96846064028715. It has a **skewness** of -0.751102477980475, a **kurtosis** of 0.810621007279519, and a **standard error** of 0.0036984295181765.

The **X_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.157266163798158, **median** = 0.14750638734078, **standard deviation** = 0.0517859890096399, **min value** = 0.0581472354012973, **max value** = 0.874791596015865, which accounts for **range** = 0.816644360614568. It has a **skewness** of 3.24965375658014, a **kurtosis** of 21.9252986511157, and a **standard error** of 0.000452905958650979.

The **X_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.33638639461478, **median** = 2.36390579422689, **standard deviation** = 0.246826345671138, **min value** = 0.421483222266593, **max value** = 3.12660978538238, which accounts for **range** = 2.70512656311579. It has a **skewness** of -1.10739346699162, a **kurtosis** of 3.36728700349026, and a **standard error** of 0.00215867505563513.

The **X_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.591727954369798, **median** = 0.586082626992545, **standard deviation** = 0.118265925313832, **min value** = 0.0773616519086755, **max value** = 1.25493761990999, which accounts for **range** = 1.17757596800131. It has a **skewness** of 0.25756481024502, a **kurtosis** of 0.629823117990396, and a **standard error** of 0.00103432112245718.

The **X_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.78469380845946, **median** = 0.783260250075171, **standard deviation** = 0.028373431801588, **min value** = 0.679332577064881, **max value** = 0.977315521606201, which accounts for **range** = 0.29798294454132. It has a **skewness** of 0.597247739811685, a **kurtosis** of 1.9073835275013, and a **standard error** of 0.000248146198925046.

The **X_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.750561360217105, **median** = 0.753120944928617, **standard deviation** = 0.0337917392326753, **min value** = 0.485723042315175, **max value** = 0.935247548812562, which accounts for **range** = 0.449524506497387. It has a **skewness** of -0.850152191649171, a **kurtosis** of 2.9304684773073, and a **standard error** of 0.000295533219396656.

The **X_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.20567700628459, **median** = 1.20496533579087, **standard deviation** = 0.272799377523541, **min value** = 0.149665289130784, **max value** = 3.18406243298684, which accounts for **range** = 3.03439714385606. It has a **skewness** of 0.0219296333712875, a **kurtosis** of 0.394528994920472, and a **standard error** of 0.00238582801949945.

The **X_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.58455381277112, **median** = 4.5711214388675, **standard deviation** = 0.683909904165129, **min value** = 2.18005387765837, **max value** = 7.45884576059365, which accounts for **range** = 5.27879188293528. It has a **skewness** of 0.0997531454569114, a **kurtosis** of 0.205039125697277, and a **standard error** of 0.00598128715315542.

The **X_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.22870120350329, **median** = 4.234189494642, **standard deviation** = 0.993528441653807, **min value** = 0.511208127853004, **max value** = 11.4894781704241, which accounts for **range** = 10.9782700425711. It has a **skewness** of 0.0294968120728547, a **kurtosis** of 0.413673548165216, and a **standard error** of 0.00868912537772463.

The **X_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.92138874448432, **median** = 1.94772446351359, **standard deviation** = 0.181659996538491, **min value** = 0.37680226435182, **max value** = 2.47146227465779, which accounts for **range** = 2.09466001030597. It has a **skewness** of -1.42415788482931, a **kurtosis** of 4.68619236070345, and a **standard error** of 0.0015887481624708.

The **X_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.36299128120753, **median** = 0.360188588907365, **standard deviation** = 0.0555118237492117, **min value** = 0.0745203924942555, **max value** = 0.823733280434534, which accounts for **range** = 0.749212887940279. It has a **skewness** of 0.230280334655658, a **kurtosis** of 0.969652130915273, and a **standard error** of

0.000485491080356133.

The **X_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.829909159741314, **median** = 0.832729285365518, **standard deviation** = 0.0702576206393164, **min value** = 0.200162135661893, **max value** = 1.10597820254032, which accounts for **range** = 0.905816066878427. It has a **skewness** of -0.685293480733876, a **kurtosis** of 2.99661669961748, and a **standard error** of 0.000614453747755268.

The **X_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.286205846284944, **median** = -0.28600219002605, **standard deviation** = 0.0308001151134675, **min value** = -0.5435892068375, **max value** = -0.140028698657995, which accounts for **range** = 0.403560508179505. It has a **skewness** of -0.122684512697337, a **kurtosis** of 1.11590896735907, and a **standard error** of 0.000269369301017478.

The **X_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.727447828988522, **median** = 0.732619330715617, **standard deviation** = 0.0406981880582007, **min value** = 0.437540897853049, **max value** = 0.868420407636022, which accounts for **range** = 0.430879509782973. It has a **skewness** of -1.0889776664611, a **kurtosis** of 2.89703794162846, and a **standard error** of 0.000355935113538645.

The **X_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.901021837041436, **median** = 0.899173859874293, **standard deviation** = 0.0292963793944681, **min value** = 0.740642303855898, **max value** = 1.06574566500862, which accounts for **range** = 0.325103361152722. It has a **skewness** of 0.467112746871367, a **kurtosis** of 1.28142446644907, and a **standard error** of 0.000256218043691016.

The **X_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.298235758760258, **median** = 0.28666286360697, **standard deviation** = 0.075092523323169, **min value** = 0.114813252167943, **max value** = 0.93507119221429, which accounts for **range** = 0.820257940046347. It has a **skewness** of 1.6798264039576, a **kurtosis** of 5.99485648959579, and a **standard error** of 0.000656738471420715.

The **X_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 10.8433728861367, **median** = 10.4884603376499, **standard deviation** = 3.714206045928, **min value** = 1.69827758175206, **max value** = 69.5075468541954, which accounts for **range** = 67.8092692724433. It has a **skewness** of 1.14660715521388, a **kurtosis** of 6.98803725017706, and a **standard error** of 0.0324834203619273.

The **X_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 95.4575305667776, **median** = 92.0341335188278, **standard deviation** = 34.261572843087, **min value** = 14.0520110703527, **max value** = 673.438059396999, which accounts for **range** = 659.386048326646. It has a **skewness** of 1.22630532394942, a **kurtosis** of 8.56746067104362, and a **standard error** of 0.299642254403988.

The **X_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00132764231394194, **median** = 0.00125124438923425, **standard deviation** = 0.0034316120892443, **min value** = -0.0193847822208719, **max value** = 0.0300244635859468, which accounts for **range** = 0.0494092458068187. It has a **skewness** of 0.139789846756496, a **kurtosis** of 2.90268947660334, and a **standard error** of 3.00119316579658e-05.

The **X_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.668703016957687, **median** = 0.664019847018471, **standard deviation** = 0.0915724897033242, **min value** = 0.350376852474451, **max value** = 1.12937715428022, which accounts for **range** = 0.779000301805769. It has a **skewness** of 0.302812827715381, a **kurtosis** of 0.775974223533002, and a **standard error** of 0.000800867706271298.

The **X_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00122830237612831, **median** = 0.00127690474911034, **standard deviation** = 0.0039345283306731, **min value** = -0.0199470118232246, **max value** = 0.0316990511354834, which accounts for **range** =

0.051646062958708. It has a **skewness** of -0.231648858359908, a **kurtosis** of 1.67299759155887, and a **standard error** of 3.44102982200693e-05.

The **X_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.749768476561856, **median** = 0.745975797452322, **standard deviation** = 0.103287883410451, **min value** = 0.354161460556883, **max value** = 1.30194728240716, which accounts for **range** = 0.947785821850277. It has a **skewness** of 0.251391519133018, a **kurtosis** of 0.95491688839444, and a **standard error** of 0.000903327304308757.

The **X_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -1.45610863536968e-05, **median** = 7.53788385465736e-07, **standard deviation** = 0.000518789355462225, **min value** = -0.00345576848547956, **max value** = 0.00314033201058551, which accounts for **range** = 0.00659610049606507. It has a **skewness** of -0.33907501516459, a **kurtosis** of 2.25931239943329, and a **standard error** of 4.53718843391799e-06.

The **X_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.276842773868048, **median** = 0.278435234330184, **standard deviation** = 0.0371490782397218, **min value** = 0.169568564209474, **max value** = 0.451144428690018, which accounts for **range** = 0.281575864480544. It has a **skewness** of 0.0503504011292438, a **kurtosis** of -0.366061551960278, and a **standard error** of 0.000324895579188986.

The **X_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0275859876280064, **median** = 0.0182238911011267, **standard deviation** = 0.0357553617054797, **min value** = -0.110694494157843, **max value** = 0.205218841551581, which accounts for **range** = 0.315913335709424. It has a **skewness** of 1.22925384677521, a **kurtosis** of 1.76573793128448, and a **standard error** of 0.000312706519269495.

The **X_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.56839379781619, **median** = 1.54807833831863, **standard deviation** = 0.315509722467936, **min value** = 0.451529129270064, **max value** = 3.1989846578174, which accounts for **range** = 2.74745552854734. It has a **skewness** of 0.342793172280014, a **kurtosis** of 0.438725719397032, and a **standard error** of 0.00275936090148717.

The **X_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0370701255459126, **median** = 0.0265416177933629, **standard deviation** = 0.0390832299441559, **min value** = -0.0507715514109114, **max value** = 0.244075723247626, which accounts for **range** = 0.294847274658537. It has a **skewness** of 1.28539986235128, a **kurtosis** of 1.81838850719161, and a **standard error** of 0.000341811135860311.

The **X_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.60280996517268, **median** = 1.57915108977314, **standard deviation** = 0.327044696720027, **min value** = 0.468561205903702, **max value** = 3.34251865236873, which accounts for **range** = 2.87395744646503. It has a **skewness** of 0.380255194892338, a **kurtosis** of 0.391680443856679, and a **standard error** of 0.00286024260079555.

The **X_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00468029781686975, **median** = 0.00405487920766601, **standard deviation** = 0.00617956425268038, **min value** = -0.0261473133189652, **max value** = 0.0512108823860987, which accounts for **range** = 0.0773581957050639. It has a **skewness** of 0.734189205787344, a **kurtosis** of 2.49432490689717, and a **standard error** of 5.40447624044516e-05.

The **X_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.705933884033938, **median** = 0.699047218541805, **standard deviation** = 0.104325046268387, **min value** = 0.308951235032917, **max value** = 1.45415536895073, which accounts for **range** = 1.14520413391781. It has a **skewness** of 0.358630368758938, a **kurtosis** of 0.705045542919312, and a **standard error** of 0.000912398044241193.

The **X_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 30.7375837950888, **median** = 31.1458674820325, **standard deviation** = 13.6938138465757, **min value** =

0, **max value** = 82.3206610397901, which accounts for **range** = 82.3206610397901. It has a **skewness** of -0.15899064111127, a **kurtosis** of 0.552201078114499, and a **standard error** of 0.119762314216243.

The **X_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.41491430364112, **median** = 8.64139809111064, **standard deviation** = 3.20707257461291, **min value** = 0, **max value** = 30.5598639694722, which accounts for **range** = 30.5598639694722. It has a **skewness** of -0.586126175447071, a **kurtosis** of 2.81955731165997, and a **standard error** of 0.0280481710718693.

The **X_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0607145759313087, **median** = 0, **standard deviation** = 0.535545024774104, **min value** = -2.0977787285263, **max value** = 4.13666482652011, which accounts for **range** = 6.23444355504641. It has a **skewness** of 0.757596986495345, a **kurtosis** of 2.06879872030086, and a **standard error** of 0.00468372889047127.

The **X_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.121558644430312, **median** = -0.321035497908785, **standard deviation** = 1.02603369412798, **min value** = -1.71367861410141, **max value** = 30.744338273818, which accounts for **range** = 32.4580168879194. It has a **skewness** of 5.73770955430701, a **kurtosis** of 89.1554368379446, and a **standard error** of 0.00897340733920785.

The **X_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.108293165664288, **median** = 0.0355756592884798, **standard deviation** = 0.248804337389942, **min value** = 0.0116059317606977, **max value** = 1, which accounts for **range** = 0.988394068239302. It has a **skewness** of 3.2873162007865, a **kurtosis** of 8.86941448099337, and a **standard error** of 0.00217597402496527.

The **X_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.61376571698574, **median** = 5.0023929100647, **standard deviation** = 1.35829030550822, **min value** = 0, **max value** = 6.50416405643174, which accounts for **range** = 6.50416405643174. It has a **skewness** of -2.76807519136013, a **kurtosis** of 6.6533549614481, and a **standard error** of 0.0118792319062984.

The **X_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.149396980905703, **median** = 0.0727631785513492, **standard deviation** = 0.241050326520167, **min value** = 0.0322710077984307, **max value** = 1, which accounts for **range** = 0.967728992201569. It has a **skewness** of 3.13655097744626, a **kurtosis** of 8.18194964602903, and a **standard error** of 0.00210815958724715.

The **X_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.68020849619489, **median** = 2.92466108053674, **standard deviation** = 0.827419095596325, **min value** = 0, **max value** = 3.57457805789952, which accounts for **range** = 3.57457805789952. It has a **skewness** of -2.38632222598285, a **kurtosis** of 5.09110963864773, and a **standard error** of 0.00723637890989051.

The **X_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.10028608281012, **median** = 0.883879880246729, **standard deviation** = 1.18654347865474, **min value** = 0, **max value** = 31.075, which accounts for **range** = 31.075. It has a **skewness** of 7.24751361217978, a **kurtosis** of 108.995321711614, and a **standard error** of 0.0103771815882701.

The **X_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.730285190030954, **median** = 0.715399423800936, **standard deviation** = 0.111246377775458, **min value** = 0.261661255411255, **max value** = 1, which accounts for **range** = 0.738338744588745. It has a **skewness** of 0.507112808366566, a **kurtosis** of 1.04587042846647, and a **standard error** of 0.000972930098205982.

The **X_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.738693794090269, **median** = 0.804340903586306, **standard deviation** = 0.229029721613689, **min value** = -0.32350944251834, **max value** = 0.984176408292428, which accounts for **range** = 1.30768585081077. It has a **skewness** of -2.57924851782197, a **kurtosis** of 5.59905033450359, and a **standard error** of 0.00200303069634734.

The **X_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.36852257540768, **median** = 2.34281100628259, **standard deviation** = 1.12284940640361, **min value**

= 0, **max value** = 9.6548275047259, which accounts for **range** = 9.6548275047259. It has a **skewness** of 0.139045001684296, a **kurtosis** of 0.958376748137395, and a **standard error** of 0.00982013082212728.

The **X_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.89261659946306, **median** = 8.33452552140118, **standard deviation** = 2.27869173420719, **min value** = 2, **max value** = 14.3464858670741, which accounts for **range** = 12.3464858670741. It has a **skewness** of -1.05565272618205, a **kurtosis** of 0.967567327344786, and a **standard error** of 0.0199288086234881.

The **X_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.44172580293094, **median** = 8.37991359474763, **standard deviation** = 3.94386745847061, **min value** = 0, **max value** = 35.2452832001622, which accounts for **range** = 35.2452832001622. It has a **skewness** of 0.0925393942242645, a **kurtosis** of 1.01087179527908, and a **standard error** of 0.0344919756526912.

The **X_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.17010100265879, **median** = 2.36845740857935, **standard deviation** = 0.639939515420713, **min value** = 0, **max value** = 2.66815518292438, which accounts for **range** = 2.66815518292438. It has a **skewness** of -2.77624140042345, a **kurtosis** of 6.61258232523516, and a **standard error** of 0.00559673427606662.

The **X_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.509071020414536, **median** = 0.456121993472036, **standard deviation** = 0.347440396647684, **min value** = 0, **max value** = 4.26739969135802, which accounts for **range** = 4.26739969135802. It has a **skewness** of 2.50371826674586, a **kurtosis** of 13.5115636800073, and a **standard error** of 0.00303861775988296.

The **X_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.902686803372655, **median** = 0.958360679850391, **standard deviation** = 0.315348718001651, **min value** = 0, **max value** = 1.73544599718103, which accounts for **range** = 1.73544599718103. It has a **skewness** of -1.40999864175389, a **kurtosis** of 2.34880931211404, and a **standard error** of 0.00275795280088806.

The **X_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.323095908053767, **median** = -0.320219797876981, **standard deviation** = 0.127052156821657, **min value** = -0.999999999999998, **max value** = 0, which accounts for **range** = 0.999999999999998. It has a **skewness** of 0.45987862460786, a **kurtosis** of 1.83053111294084, and a **standard error** of 0.00111116307681746.

The **X_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.765450274611639, **median** = 0.819637793890458, **standard deviation** = 0.219786198659803, **min value** = 0, **max value** = 0.967671957393335, which accounts for **range** = 0.967671957393335. It has a **skewness** of -2.98005904864693, a **kurtosis** of 7.62496572086624, and a **standard error** of 0.00192218939728549.

The **X_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.796169839983889, **median** = 0.880232125676595, **standard deviation** = 0.250599140244312, **min value** = 0, **max value** = 1.05812701838906, which accounts for **range** = 1.05812701838906. It has a **skewness** of -2.40561037163022, a **kurtosis** of 4.77952480202705, and a **standard error** of 0.00219167087507653.

The **X_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.223796090096244, **median** = 0.150315128923937, **standard deviation** = 0.227661638418811, **min value** = 0.056426854860562, **max value** = 1, which accounts for **range** = 0.943573145139438. It has a **skewness** of 2.8080235906907, a **kurtosis** of 6.78710675155148, and a **standard error** of 0.00199106581853502.

The **X_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.03425762288863, **median** = 0, **standard deviation** = 15.1454387872187, **min value** = -78.6510591752846, **max value** = 139.938173090649, which accounts for **range** = 218.589232265934. It has a **skewness** of 0.81647397406051, a **kurtosis** of 4.45605897553791, and a **standard error** of 0.132457825066122.

The **X_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 214.89180077327, **median** = 191.224462263805, **standard deviation** = 144.823041042228, **min value** = 0, **max value** = 1688.09706146894, which accounts for **range** = 1688.09706146894. It has a **skewness** of 1.45331198969225, a **kurtosis** of 5.0445150010904, and a **standard error** of 1.26658232260024.

The **X_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0108428640901884, **median** = 0.00276840850930537, **standard deviation** = 0.0833081513798973, **min**

value = -2.56114314387863, **max value** = 1.91464187954129, which accounts for **range** = 4.47578502341992. It has a **skewness** of 0.747017599043965, a **kurtosis** of 143.018292328762, and a **standard error** of 0.000728590085575651.

The **X_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.03759536402683, **median** = 1.03172305041859, **standard deviation** = 0.418467652523112, **min value** = 0, **max value** = 4.99216092376478, which accounts for **range** = 4.99216092376478. It has a **skewness** of -0.0229331585654633, a **kurtosis** of 3.69309388156332, and a **standard error** of 0.00365980252487067.

The **X_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0058956720779858, **median** = 0.000876169920618286, **standard deviation** = 0.0924494340782495, **min value** = -2.73181373202242, **max value** = 3.20509198535234, which accounts for **range** = 5.93690571737476. It has a **skewness** of 1.63212492465434, a **kurtosis** of 268.186658971543, and a **standard error** of 0.00080853721959729.

The **X_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.10275836723566, **median** = 1.10474902572017, **standard deviation** = 0.44558662387718, **min value** = 0, **max value** = 5.33432694559365, which accounts for **range** = 5.33432694559365. It has a **skewness** of 0.0287234196686473, a **kurtosis** of 4.16046895643151, and a **standard error** of 0.00389697755915371.

The **X_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000483974824499798, **median** = 0, **standard deviation** = 0.0167123401157775, **min value** = -0.345513485284755, **max value** = 0.255987389894602, which accounts for **range** = 0.601500875179357. It has a **skewness** of -1.14353956112973, a **kurtosis** of 73.9041366886896, and a **standard error** of 0.000146161511369966.

The **X_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.395012939077101, **median** = 0.396624227005332, **standard deviation** = 0.159677894455058, **min value** = 0, **max value** = 1.65779051983175, which accounts for **range** = 1.65779051983175. It has a **skewness** of 0.112948402521362, a **kurtosis** of 4.66366232694781, and a **standard error** of 0.00139649876823007.

The **X_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.286377656755595, **median** = 0.11602449903101, **standard deviation** = 0.704939744944161, **min value** = -7.03613316939763, **max value** = 13.2773580368122, which accounts for **range** = 20.3134912062098. It has a **skewness** of 4.1254226121351, a **kurtosis** of 45.3049978506837, and a **standard error** of 0.00616520833300451.

The **X_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.67951526369981, **median** = 2.65926609985647, **standard deviation** = 1.15441673029317, **min value** = 0, **max value** = 11.5735113163804, which accounts for **range** = 11.5735113163804. It has a **skewness** of 0.112565186826183, a **kurtosis** of 2.5214556484458, and a **standard error** of 0.0100962099192279.

The **X_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.295302834440206, **median** = 0.123753774223393, **standard deviation** = 0.676554239935917, **min value** = -5.32729048486576, **max value** = 13.612424881076, which accounts for **range** = 18.9397153659418. It has a **skewness** of 5.36043516089641, a **kurtosis** of 63.6096637193981, and a **standard error** of 0.00591695654514819.

The **X_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.72818293304054, **median** = 2.72450816090715, **standard deviation** = 1.16697720631707, **min value** = 0, **max value** = 10.370924801166, which accounts for **range** = 10.370924801166. It has a **skewness** of 0.077484450512781, a **kurtosis** of 2.54396612919713, and a **standard error** of 0.0102060603738298.

The **X_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0443912254317987, **median** = 0.0151874982789127, **standard deviation** = 0.152459541764979, **min value** = -2.21751240123411, **max value** = 4.13816034836308, which accounts for **range** = 6.35567274959719. It has a **skewness** of 4.90015766323349, a **kurtosis** of 102.067229450026, and a **standard error** of 0.00133336904902411.

The **X_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.08708277778155, **median** = 1.09724051553466, **standard deviation** = 0.439096157527256, **min value** = 0, **max value** = 3.66487829615224, which accounts for **range** = 3.66487829615224. It has a **skewness** of -0.181653708929997, a **kurtosis** of 2.65182951413848, and a **standard error** of 0.00384021373286554.

The **X_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 17.3608588102571, **median** = 15.6116414400694, **standard deviation** = 6.84596095853511, **min value** = 7.00139508928571, **max value** = 56.7894846900672, which accounts for **range** = 49.7880896007815. It has a **skewness** of 1.35384313421245, a **kurtosis** of 2.03904988961098, and a **standard error** of 0.059872883961632.

The **X_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.66768901316263, **median** = 8.58163222183686, **standard deviation** = 4.74599381002983, **min value** = 1.82126722911216, **max value** = 38.4687825793838, which accounts for **range** = 36.6475153502716. It has a **skewness** of 1.18047557113192, a **kurtosis** of 1.31801394626775, and a **standard error** of 0.0415071512080815.

The **X_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.60136332220029, **median** = 1.54355814771093, **standard deviation** = 0.786734869062349, **min value** = -0.683847303748676, **max value** = 7.25837904527786, which accounts for **range** = 7.94222634902654. It has a **skewness** of 0.793458044905859, a **kurtosis** of 1.98242552699496, and a **standard error** of 0.00688056589998711.

The **X_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.44813216424751, **median** = 2.20769219161566, **standard deviation** = 5.0636781173205, **min value** = -1.77993312636047, **max value** = 83.2146345799803, which accounts for **range** = 84.9945677063408. It has a **skewness** of 3.29483511480587, a **kurtosis** of 21.6568418120547, and a **standard error** of 0.0442855304278947.

The **X_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0642812458572501, **median** = 0.056396724236417, **standard deviation** = 0.034019145870414, **min value** = 0.0145912427737957, **max value** = 0.424812472596461, which accounts for **range** = 0.410221229822665. It has a **skewness** of 1.46448146817715, a **kurtosis** of 3.48530969368153, and a **standard error** of 0.000297522055049664.

The **X_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.57665771833254, **median** = 4.59563151006412, **standard deviation** = 0.670888607321475, **min value** = 1.94490560484321, **max value** = 6.38774094629485, which accounts for **range** = 4.44283534145164. It has a **skewness** of -0.198485471258084, a **kurtosis** of -0.464995396117203, and a **standard error** of 0.00586740648692432.

The **X_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.198945769242422, **median** = 0.17344449514496, **standard deviation** = 0.0962086017301297, **min value** = 0.062731543904288, **max value** = 0.872746802370492, which accounts for **range** = 0.810015258466204. It has a **skewness** of 2.05028756358743, a **kurtosis** of 6.03016244633748, and a **standard error** of 0.000841413861748271.

The **X_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.2326930341076, **median** = 2.29720219616909, **standard deviation** = 0.370978409323219, **min value** = 0.377094997942163, **max value** = 3.01673176490748, which accounts for **range** = 2.63963676696532. It has a **skewness** of -0.934226488162872, a **kurtosis** of 1.11605573910558, and a **standard error** of 0.0032444747184817.

The **X_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.475589272851098, **median** = 0.475694641530851, **standard deviation** = 0.129113637021233, **min value** = 0.0911620504580005, **max value** = 0.983447822915308, which accounts for **range** = 0.892285772457307. It has a **skewness** of 0.153109023504575, a **kurtosis** of -0.122512554619977, and a **standard error** of 0.00112919221334425.

The **X_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.826695998384182, **median** = 0.824757762118612, **standard deviation** = 0.0362824095568345, **min value** = 0.717007362231866, **max value** = 0.972269347104433, which accounts for **range** = 0.255261984872567. It has a **skewness** of 0.263031787017063, a **kurtosis** of 0.152244998299003, and a **standard error** of 0.000317315934227821.

The **X_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.846897794389542, **median** = 0.856920818949681, **standard deviation** = 0.0802822054098549, **min value** = 0.430903426993981, **max value** = 0.990476096655669, which accounts for **range** = 0.559572669661688. It has a **skewness** of -0.627447715571108, a **kurtosis** of 0.129964388248757, and a **standard error** of 0.000702125997767402.

The **X_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.01000168797736, **median** = 1.7777966749552, **standard deviation** = 1.09772531783238, **min value** = 0.0933410772685016, **max value** = 8.70451800376707, which accounts for **range** = 8.61117692649857. It has a **skewness** of 1.09218146161272, a **kurtosis** of 1.20786040109365, and a **standard error** of 0.00960040248175582.

The **X_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.47524420139794, **median** = 4.3478369296662, **standard deviation** = 1.03731997229566, **min value** = 2.12475316858767, **max value** = 9.52072451261641, which accounts for **range** = 7.39597134402874. It has a **skewness** of 0.587744747140188, a **kurtosis** of 0.227255441379222, and a **standard error** of 0.00907211401124187.

The **X_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.61151404048323, **median** = 6.65401887332267, **standard deviation** = 4.39525122202898, **min value** = 0.343611260929786, **max value** = 34.7103037794036, which accounts for **range** = 34.3666925184738. It has a **skewness** of 1.14346022703243, a **kurtosis** of 1.30504539244213, and a **standard error** of 0.0384396533945575.

The **X_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.9000660911039, **median** = 1.94353355281334, **standard deviation** = 0.318617071146253, **min value** = 0.330680344078255, **max value** = 2.53626128015475, which accounts for **range** = 2.2055809360765. It has a **skewness** of -0.86133737008998, a **kurtosis** of 0.85051452323796, and a **standard error** of 0.00278653691490181.

The **X_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.324037422173579, **median** = 0.327152612757953, **standard deviation** = 0.0684141690512885, **min value** = 0.0853853101175491, **max value** = 0.587072702764985, which accounts for **range** = 0.501687392647436. It has a **skewness** of -0.0935198704309675, a **kurtosis** of -0.227044568425109, and a **standard error** of 0.000598331429254273.

The **X_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.748120794770509, **median** = 0.759530519523279, **standard deviation** = 0.0975555065728358, **min value** = 0.233462471973637, **max value** = 1.01625976721837, which accounts for **range** = 0.782797295244733. It has a **skewness** of -0.628406059133733, a **kurtosis** of 0.764424090739201, and a **standard error** of 0.000853193519541113.

The **X_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.391692864013718, **median** = -0.375437730135795, **standard deviation** = 0.0938365799117578, **min value** = -0.737980245180467, **max value** = -0.160780127346044, which accounts for **range** = 0.577200117834423. It has a **skewness** of -0.632272175017616, a **kurtosis** of -0.216690600884371, and a **standard error** of 0.00082066881398273.

The **X_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.797373035132854, **median** = 0.802985730404153, **standard deviation** = 0.0878498370094162, **min value** = 0.329108769509305, **max value** = 0.960810783087177, which accounts for **range** = 0.631702013577872. It has a **skewness** of -0.549607685665288, a **kurtosis** of 0.256704155139628, and a **standard error** of

0.000768310413858765.

The **X_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.93640033256327, **median** = 0.944775581092291, **standard deviation** = 0.0562103733748325, **min value** = 0.452725375184471, **max value** = 1.0646008175341, which accounts for **range** = 0.611875442349629. It has a **skewness** of -0.824888485487978, a **kurtosis** of 1.20358685578007, and a **standard error** of 0.000491600402470232.

The **X_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.357199210543933, **median** = 0.328622961380772, **standard deviation** = 0.122973672214426, **min value** = 0.123432182224141, **max value** = 0.933816412468148, which accounts for **range** = 0.810384230244007. It has a **skewness** of 1.13948251887262, a **kurtosis** of 1.36583337243198, and a **standard error** of 0.00107549377675761.

The **X_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 25.1820205384726, **median** = 23.501257383721, **standard deviation** = 14.1625023444248, **min value** = -67.0576981985359, **max value** = 96.2909372631379, which accounts for **range** = 163.348635461674. It has a **skewness** of 0.564272738557956, a **kurtosis** of 1.06810227490642, and a **standard error** of 0.123861334385338.

The **X_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 254.133506988317, **median** = 224.230633017712, **standard deviation** = 161.182411721884, **min value** = 5.02503739251991, **max value** = 1616.71807365606, which accounts for **range** = 1611.69303626354. It has a **skewness** of 1.07435056839551, a **kurtosis** of 1.56287070171369, and a **standard error** of 1.40965686075798.

The **X_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00328542219838646, **median** = 0.00215323674131206, **standard deviation** = 0.00517484829347368, **min value** = -0.0163920441340742, **max value** = 0.0468784754068942, which accounts for **range** = 0.0632705195409684. It has a **skewness** of 1.20483554878394, a **kurtosis** of 3.53417307552326, and a **standard error** of 4.52577940877561e-05.

The **X_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.830868209827456, **median** = 0.827414056519089, **standard deviation** = 0.0967006179752129, **min value** = 0.450025674755058, **max value** = 1.22174604995521, which accounts for **range** = 0.771720375200152. It has a **skewness** of 0.156421395969059, a **kurtosis** of 0.192830590326508, and a **standard error** of 0.000845716899952481.

The **X_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00409912437675643, **median** = 0.00265931576311876, **standard deviation** = 0.00609103729911706, **min value** = -0.0212613738156737, **max value** = 0.0483461257153056, which accounts for **range** = 0.0696074995309793. It has a **skewness** of 1.39338345478932, a **kurtosis** of 3.47248525200227, and a **standard error** of 5.3270530116205e-05.

The **X_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.904201069268719, **median** = 0.899054703868636, **standard deviation** = 0.107443634677987, **min value** = 0.522884507329562, **max value** = 1.37041703979293, which accounts for **range** = 0.847532532463368. It has a **skewness** of 0.194944902589606, a **kurtosis** of 0.203172266792061, and a **standard error** of 0.000939672357241661.

The **X_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000158396461565669, **median** = 8.30781202839861e-05, **standard deviation** = 0.000774955595876646, **min value** = -0.00800465624628747, **max value** = 0.00791059209236645, which accounts for **range** = 0.0159152483386539. It has a **skewness** of 1.19614877046815, a **kurtosis** of 8.05278411941437, and a **standard error** of 6.777547629671e-06.

The **X_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.32120677305044, **median** = 0.324022016524522, **standard deviation** = 0.0414029195050065, **min value** = 0.196014450532459, **max value** = 0.506566642759625, which accounts for **range** = 0.310552192227166.

It has a **skewness** of -0.0444016619417519, a **kurtosis** of -0.312963036915147, and a **standard error** of 0.000362098500153655.

The **X_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000944539682816386, **median** = -0.000136145532050293, **standard deviation** = 0.0258658484063902, **min value** = -0.154518180771921, **max value** = 0.126469325935585, which accounts for **range** = 0.280987506707506. It has a **skewness** of -0.355671498729737, a **kurtosis** of 2.06978977793177, and a **standard error** of 0.000226215567045294.

The **X_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.03680452725534, **median** = 2.03572343708184, **standard deviation** = 0.306899838083918, **min value** = 0.691134313582407, **max value** = 3.54509395900673, which accounts for **range** = 2.85395964542432. It has a **skewness** of 0.0238390543042659, a **kurtosis** of 0.120863395021956, and a **standard error** of 0.00268406123037165.

The **X_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00142858515484937, **median** = -0.000566721616324987, **standard deviation** = 0.0259978197304701, **min value** = -0.164527015194355, **max value** = 0.154554780300563, which accounts for **range** = 0.319081795494918. It has a **skewness** of -0.278351547001293, a **kurtosis** of 1.98682729971777, and a **standard error** of 0.000227369751800474.

The **X_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.07821965141217, **median** = 2.07671059259514, **standard deviation** = 0.326042666231112, **min value** = 0.782633209164202, **max value** = 3.77526797066117, which accounts for **range** = 2.99263476149697. It has a **skewness** of 0.0376294674016457, a **kurtosis** of 0.038526584861343, and a **standard error** of 0.00285147911886041.

The **X_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0027717474605008, **median** = 0.00207382692773847, **standard deviation** = 0.00629055162469446, **min value** = -0.0534489690167404, **max value** = 0.0480025888097285, which accounts for **range** = 0.101451557826469. It has a **skewness** of 0.523153798263928, a **kurtosis** of 3.26530766969382, and a **standard error** of 5.50154273097956e-05.

The **X_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.874189603630218, **median** = 0.869617649128744, **standard deviation** = 0.117505197709814, **min value** = 0.462019957258764, **max value** = 1.5481596799792, which accounts for **range** = 1.08613972272044. It has a **skewness** of 0.324912963255047, a **kurtosis** of 0.688772659105751, and a **standard error** of 0.0010276680089151.

The **Y_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.37621471356235, **median** = 8.07153480123139, **standard deviation** = 2.04952874866032, **min value** = 3.95292987512008, **max value** = 28.7205710755714, which accounts for **range** = 24.7676412004513. It has a **skewness** of 0.818832998652197, a **kurtosis** of 1.57121762293095, and a **standard error** of 0.0179246124375833.

The **Y_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.32082205653006, **median** = 4.2296130268679, **standard deviation** = 1.21511765461005, **min value** = 0.739236385022603, **max value** = 12.22897178022, which accounts for **range** = 11.4897353951974. It has a **skewness** of 0.50740637853675, a **kurtosis** of 0.946867680334043, and a **standard error** of 0.010627083440126.

The **Y_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.96915432878318, **median** = 1.87628965403456, **standard deviation** = 0.580789208277987, **min value** = 0.556928129927964, **max value** = 9.06416107357554, which accounts for **range** = 8.50723294364758. It has a **skewness** of 2.48783794108653, a **kurtosis** of 14.9951832580485, and a **standard error** of 0.00507942202475499.

The **Y_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.23424088697488, **median** = 5.03339013777829, **standard deviation** = 5.33651951525819, **min value**

= 0.231507008575097, **max value** = 124.4532216412, which accounts for **range** = 124.221714632625. It has a **skewness** of 6.68527747369186, a **kurtosis** of 85.5937234691846, and a **standard error** of 0.0466717259463319.

The **Y_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.110858451275337, **median** = 0.101134172299127, **standard deviation** = 0.0436024657095228, **min value** = 0.0293997815211244, **max value** = 0.5528253548169, which accounts for **range** = 0.523425573295776. It has a **skewness** of 1.83613406138536, a **kurtosis** of 6.5043005593207, and a **standard error** of 0.000381335123831309.

The **Y_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.65743230926341, **median** = 3.69594900230514, **standard deviation** = 0.463289084247229, **min value** = 1.27735634472795, **max value** = 5.37779220500809, which accounts for **range** = 4.10043586028014. It has a **skewness** of -0.495054851898454, a **kurtosis** of 0.344068567511535, and a **standard error** of 0.00405179838883576.

The **Y_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.248072253916772, **median** = 0.221224021263391, **standard deviation** = 0.102356421820402, **min value** = 0.0679629314529022, **max value** = 0.920717609913236, which accounts for **range** = 0.852754678460334. It has a **skewness** of 1.7660832777214, a **kurtosis** of 4.64870143798167, and a **standard error** of 0.000895180998474777.

The **Y_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.97376650233582, **median** = 2.01504730385883, **standard deviation** = 0.32805931087838, **min value** = 0.25358690775901, **max value** = 3.06331558015937, which accounts for **range** = 2.80972867240036. It has a **skewness** of -0.860205682815098, a **kurtosis** of 1.48439369705541, and a **standard error** of 0.0028691161360285.

The **Y_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.493487980395523, **median** = 0.490403944423847, **standard deviation** = 0.120032870454416, **min value** = 0.0556424654309802, **max value** = 1.13400077072466, which accounts for **range** = 1.07835830529368. It has a **skewness** of 0.140938693769365, a **kurtosis** of 0.581696793056557, and a **standard error** of 0.00104977433669686.

The **Y_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.824226130703717, **median** = 0.821536700342368, **standard deviation** = 0.034343785203001, **min value** = 0.7008058980916, **max value** = 0.983931518187038, which accounts for **range** = 0.283125620095438. It has a **skewness** of 0.596248297117244, a **kurtosis** of 1.00164087596999, and a **standard error** of 0.000300361261000018.

The **Y_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745298151251211, **median** = 0.746792268069933, **standard deviation** = 0.0304827694545081, **min value** = 0.530100943675134, **max value** = 0.929557262951803, which accounts for **range** = 0.399456319276669. It has a **skewness** of -0.449438416956488, a **kurtosis** of 1.77128166792801, and a **standard error** of 0.000266593883522449.

The **Y_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.985428230166981, **median** = 0.983072139277925, **standard deviation** = 0.271320296111431, **min value** = 0.11291422890447, **max value** = 2.79648292501812, which accounts for **range** = 2.68356869611365. It has a **skewness** of 0.0990764544427496, a **kurtosis** of 0.303922702039122, and a **standard error** of 0.00237289238193251.

The **Y_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.60935323315355, **median** = 3.56847917578943, **standard deviation** = 0.547488205160184, **min value** = 2.09519217355139, **max value** = 6.783537973209, which accounts for **range** = 4.68834579965761. It has a **skewness** of 0.439224759472986, a **kurtosis** of 0.525225413076437, and a **standard error** of 0.00478818064789724.

The **Y_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

3.44815214736524, **median** = 3.44041936730782, **standard deviation** = 0.976825927208516, **min value** = 0.373966790401651, **max value** = 10.0073121817195, which accounts for **range** = 9.63334539131785. It has a **skewness** of 0.121749635311437, a **kurtosis** of 0.294768256057972, and a **standard error** of 0.00854304979895528.

The **Y_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.63908513201192, **median** = 1.67539199235204, **standard deviation** = 0.256914699577405, **min value** = 0.22775988715467, **max value** = 2.37737857870292, which accounts for **range** = 2.14961869154825. It has a **skewness** of -0.982028164259792, a **kurtosis** of 1.77025181387067, and a **standard error** of 0.00224690501289785.

The **Y_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.336266949506885, **median** = 0.334534265902192, **standard deviation** = 0.0638089771922396, **min value** = 0.0536514703645809, **max value** = 0.870514895088685, which accounts for **range** = 0.816863424724104. It has a **skewness** of 0.0412447352192274, a **kurtosis** of 1.08092517378455, and a **standard error** of 0.000558055693025581.

The **Y_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.762285442084786, **median** = 0.771057268589247, **standard deviation** = 0.0921382196893522, **min value** = 0.151995712639888, **max value** = 1.05913189360993, which accounts for **range** = 0.907136180970042. It has a **skewness** of -1.0528297186376, a **kurtosis** of 3.12390323004126, and a **standard error** of 0.000805815424497012.

The **Y_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.297991028008964, **median** = -0.29724675205537, **standard deviation** = 0.0269008476059176, **min value** = -0.534789394375875, **max value** = -0.161819757319861, which accounts for **range** = 0.372969637056014. It has a **skewness** of -0.263074645727448, a **kurtosis** of 1.57159791608526, and a **standard error** of 0.000235267384218809.

The **Y_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.696222279006603, **median** = 0.702036756482759, **standard deviation** = 0.0481251562178037, **min value** = 0.338916767258145, **max value** = 0.847522144021429, which accounts for **range** = 0.508605376763284. It has a **skewness** of -1.16432592579341, a **kurtosis** of 3.41079666207381, and a **standard error** of 0.000420889326029771.

The **Y_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.898118456125019, **median** = 0.895952707023791, **standard deviation** = 0.0275558635063261, **min value** = 0.747846496279326, **max value** = 1.05023903924774, which accounts for **range** = 0.302392542968414. It has a **skewness** of 0.746664542727154, a **kurtosis** of 2.24615665081673, and a **standard error** of 0.000240995972394482.

The **Y_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.41779766969408, **median** = 0.397706567454459, **standard deviation** = 0.126218384781128, **min value** = 0.143816146475807, **max value** = 0.95935841591706, which accounts for **range** = 0.815542269441253. It has a **skewness** of 0.791029228643554, a **kurtosis** of 0.451960442331965, and a **standard error** of 0.00110387113680563.

The **Y_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.1744559110633, **median** = 10.8059268632831, **standard deviation** = 3.84169736686347, **min value** = 1.07385381655366, **max value** = 68.1212411783049, which accounts for **range** = 67.0473873617512. It has a **skewness** of 0.950467089517475, a **kurtosis** of 5.20895167325883, and a **standard error** of 0.0335984242468046.

The **Y_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 88.8604034380852, **median** = 85.1704070962834, **standard deviation** = 34.9326598984878, **min value** = 7.49688213682857, **max value** = 673.422362458085, which accounts for **range** = 665.925480321256. It has a **skewness** of 1.2465289745175, a **kurtosis** of 8.37903788166739, and a **standard error** of 0.305511396463011.

The **Y_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics:

mean = 0.00140125996984595, **median** = 0.0014815920060664, **standard deviation** = 0.003873947394741, **min value** = -0.0254687296356737, **max value** = 0.0323273431440587, which accounts for **range** = 0.0577960727797324. It has a **skewness** of -0.205705082096018, a **kurtosis** of 2.88014215920922, and a **standard error** of 3.38804740844484e-05.

The **Y_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.576820710591364, **median** = 0.568425267811792, **standard deviation** = 0.0958067378100537, **min value** = 0.278244141020636, **max value** = 1.07195531174346, which accounts for **range** = 0.793711170722824. It has a **skewness** of 0.633813281248667, a **kurtosis** of 1.03452634878079, and a **standard error** of 0.000837899270882093.

The **Y_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0008642762622175, **median** = 0.00114992024853677, **standard deviation** = 0.00454123423072655, **min value** = -0.0254119774696377, **max value** = 0.0324940522839596, which accounts for **range** = 0.0579060297535973. It has a **skewness** of -0.521284234979202, a **kurtosis** of 1.89149144502627, and a **standard error** of 3.97163804739345e-05.

The **Y_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.646568276389265, **median** = 0.637142063848149, **standard deviation** = 0.105778683002742, **min value** = 0.279076598103472, **max value** = 1.19694071342242, which accounts for **range** = 0.917864115318948. It has a **skewness** of 0.557795559051821, a **kurtosis** of 1.02065072933224, and a **standard error** of 0.000925111149683305.

The **Y_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -4.00180839332791e-05, **median** = -1.80536388153189e-05, **standard deviation** = 0.000517250470609579, **min value** = -0.00411056460374909, **max value** = 0.00281370182426545, which accounts for **range** = 0.00692426642801454. It has a **skewness** of -0.597558114588388, a **kurtosis** of 3.45659425410534, and a **standard error** of 4.52372977197545e-06.

The **Y_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.236884188927884, **median** = 0.236506533234467, **standard deviation** = 0.0288005394757866, **min value** = 0.139889779609252, **max value** = 0.434424674984567, which accounts for **range** = 0.294534895375315. It has a **skewness** of 0.358677332615305, a **kurtosis** of 0.376235370791155, and a **standard error** of 0.000251881564693462.

The **Y_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0387170121758447, **median** = 0.0276510068557045, **standard deviation** = 0.0427230174529217, **min value** = -0.094681127418839, **max value** = 0.251009088448257, which accounts for **range** = 0.345690215867096. It has a **skewness** of 1.25692925270972, a **kurtosis** of 1.81744588940317, and a **standard error** of 0.000373643712247653.

The **Y_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.63994547060995, **median** = 1.6119260401966, **standard deviation** = 0.350818496669271, **min value** = 0.442396865206456, **max value** = 3.66556368339455, which accounts for **range** = 3.22316681818809. It has a **skewness** of 0.482090650358689, a **kurtosis** of 0.696270981988172, and a **standard error** of 0.0030681616897751.

The **Y_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.048624765978468, **median** = 0.0359050757512309, **standard deviation** = 0.0462472641618594, **min value** = -0.0601657063579117, **max value** = 0.290860044003588, which accounts for **range** = 0.3510257503615. It has a **skewness** of 1.27232852449828, a **kurtosis** of 1.76461324474391, and a **standard error** of 0.000404465800707465.

The **Y_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.68358628604185, **median** = 1.65092158079372, **standard deviation** = 0.362714696794934, **min value** = 0.470886000594277, **max value** = 3.76791934995315, which accounts for **range** = 3.29703334935887. It has a **skewness** of 0.487101964619066, a **kurtosis** of 0.573842638262142, and a **standard error** of 0.00317220257081754.

The **Y_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00553099067469124, **median** = 0.00500459332997119, **standard deviation** = 0.00707721931797308, **min value** = -0.0314406601802974, **max value** = 0.0567511955166717, which accounts for **range** = 0.0881918556969691. It has a **skewness** of 0.585746456741831, a **kurtosis** of 2.41510412005808, and a **standard error** of 6.18954057089295e-05.

The **Y_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.684052292877601, **median** = 0.670731827662304, **standard deviation** = 0.123787753863734, **min value** = 0.259088573214812, **max value** = 1.62337164097441, which accounts for **range** = 1.3642830677596. It has a **skewness** of 0.553953800111159, a **kurtosis** of 0.730089898654624, and a **standard error** of 0.00108261351004554.

The **Y_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 27.439641417437, **median** = 27.561945338204, **standard deviation** = 13.2314556004728, **min value** = 0, **max value** = 81.0375913185332, which accounts for **range** = 81.0375913185332. It has a **skewness** of 0.0847347816428119, a **kurtosis** of 0.392579145531827, and a **standard error** of 0.115718656680757.

The **Y_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.75236014938187, **median** = 10.1207789983184, **standard deviation** = 3.57827842783836, **min value** = 0, **max value** = 34.8113689936545, which accounts for **range** = 34.8113689936545. It has a **skewness** of -0.840958116365736, a **kurtosis** of 3.07338619488413, and a **standard error** of 0.031294634951909.

The **Y_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.126988431055996, **median** = 0.0146583829749065, **standard deviation** = 0.585747183654434, **min value** = -2.19998875659772, **max value** = 4.34127580618513, which accounts for **range** = 6.54126456278285. It has a **skewness** of 0.791405826563575, a **kurtosis** of 1.97372824718134, and a **standard error** of 0.00512278310820209.

The **Y_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0748097302772539, **median** = -0.336403945520699, **standard deviation** = 1.19491111537317, **min value** = -1.74438192073043, **max value** = 33.0194177164351, which accounts for **range** = 34.7637996371655. It has a **skewness** of 5.79646621904414, a **kurtosis** of 82.3117612970663, and a **standard error** of 0.0104503626282015.

The **Y_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.105708727712481, **median** = 0.0314978030816186, **standard deviation** = 0.249724715089226, **min value** = 0.0119227678702841, **max value** = 1, which accounts for **range** = 0.988077232129716. It has a **skewness** of 3.27933683659776, a **kurtosis** of 8.83218014584106, and a **standard error** of 0.00218402339415155.

The **Y_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.75701087627148, **median** = 5.18404916256879, **standard deviation** = 1.40289701664723, **min value** = 0, **max value** = 6.54147930981687, which accounts for **range** = 6.54147930981687. It has a **skewness** of -2.76591368246798, a **kurtosis** of 6.59170355255242, and a **standard error** of 0.0122693498833234.

The **Y_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.156224599434226, **median** = 0.0754863513766563, **standard deviation** = 0.241748121210977, **min value** = 0.0305491938401169, **max value** = 1, which accounts for **range** = 0.969450806159883. It has a **skewness** of 3.03881819770884, a **kurtosis** of 7.72337284404315, and a **standard error** of 0.00211426230690987.

The **Y_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.66367063875357, **median** = 2.91859435023086, **standard deviation** = 0.836826575306009, **min value** = 0, **max value** = 3.62423098225967, which accounts for **range** = 3.62423098225967. It has a **skewness** of -2.267585910562, a **kurtosis** of 4.59162611433676, and a **standard error** of 0.00731865412946024.

The **Y_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.16822518490465, **median** = 0.946176199975898, **standard deviation** = 1.21610719260025, **min value** = 0, **max value** = 25.4583333333333, which accounts for **range** = 25.4583333333333. It has a **skewness** of 5.83446583881018, a **kurtosis** of 66.1482967882592, and a **standard error** of 0.0106357376661174.

The **Y_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.73099507336171, **median** = 0.717412259959616, **standard deviation** = 0.111280900100828, **min value** = 0.276073232323232, **max value** = 1, which accounts for **range** = 0.723926767676768. It has a **skewness** of 0.477019661919083, a **kurtosis** of 1.07076222173695, and a **standard error** of 0.000973232020929972.

The **Y_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.739102473502724, **median** = 0.802802920873842, **standard deviation** = 0.22592025516469, **min value** = -0.242821465589316, **max value** = 0.983082036290165, which accounts for **range** = 1.22590350187948. It has a **skewness** of -2.66537425256681, a **kurtosis** of 5.96809510945798, and a **standard error** of 0.00197583616149517.

The **Y_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.45491757541542, **median** = 2.45720882653263, **standard deviation** = 1.17981950204356, **min value** = 0, **max value** = 9.30364182124291, which accounts for **range** = 9.30364182124291. It has a **skewness** of 0.10600650786913, a **kurtosis** of 0.708460094326491, and a **standard error** of 0.0103183755457232.

The **Y_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.46915553234822, **median** = 7.87458058597433, **standard deviation** = 2.30014183688931, **min value** = 2, **max value** = 14.4597975553858, which accounts for **range** = 12.4597975553858. It has a **skewness** of -0.761445839508453, a **kurtosis** of 0.244892148717064, and a **standard error** of 0.020116405297882.

The **Y_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.74149850756717, **median** = 8.76082319290651, **standard deviation** = 4.14056031570657, **min value** = 0, **max value** = 32.5870213715606, which accounts for **range** = 32.5870213715606. It has a **skewness** of 0.0747114649098162, a **kurtosis** of 0.823045581952825, and a **standard error** of 0.0362121970633447.

The **Y_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.15234835520273, **median** = 2.36378093499675, **standard deviation** = 0.644756292377741, **min value** = 0, **max value** = 2.67670569392035, which accounts for **range** = 2.67670569392035. It has a **skewness** of -2.65162350353898, a **kurtosis** of 6.06121755089333, and a **standard error** of 0.00563886047713086.

The **Y_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.550179641412953, **median** = 0.495030404859416, **standard deviation** = 0.375049388957287, **min value** = 0, **max value** = 5.02560757511989, which accounts for **range** = 5.02560757511989. It has a **skewness** of 2.40455300329757, a **kurtosis** of 12.8700135330109, and a **standard error** of 0.00328007838211884.

The **Y_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.92197687362185, **median** = 0.984198856870189, **standard deviation** = 0.320685039495495, **min value** = 0, **max value** = 1.70140044588701, which accounts for **range** = 1.70140044588701. It has a **skewness** of -1.46243547093719, a **kurtosis** of 2.39106276655291, and a **standard error** of 0.0028046227949938.

The **Y_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.322502276259913, **median** = -0.319886837597245, **standard deviation** = 0.124051838812684, **min value** = -0.952956054965665, **max value** = 0, which accounts for **range** = 0.952956054965665. It has a **skewness** of 0.503583104337235, a **kurtosis** of 2.24975637573398, and a **standard error** of 0.00108492312407931.

The **Y_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.76437486886135, **median** = 0.817359833541412, **standard deviation** = 0.218867455859795, **min value** = 0, **max value** = 0.974853009262571, which accounts for **range** = 0.974853009262571. It has a **skewness** of -3.0082311664658, a **kurtosis** of 7.74072370000842, and a **standard error** of 0.00191415432647679.

The **Y_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.783823701383604, **median** = 0.868452955013838, **standard deviation** = 0.24960477469472, **min value** = 0, **max value** = 1.05764659266907, which accounts for **range** = 1.05764659266907. It has a **skewness** of -2.35278535136707, a **kurtosis** of 4.52107308922405, and a **standard error** of 0.00218297442858396.

The **Y_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.23912021161425, **median** = 0.160153828557154, **standard deviation** = 0.231317043886849, **min value**

= 0.05623082769134, **max value** = 1, which accounts for **range** = 0.94376917230866. It has a **skewness** of 2.54049317239772, a **kurtosis** of 5.57163812410086, and a **standard error** of 0.0020230349852811.

The **Y_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.24332924835227, **median** = 0, **standard deviation** = 16.9096006411663, **min value** = -105.266607146123, **max value** = 138.002332579718, which accounts for **range** = 243.268939725841. It has a **skewness** of 0.886636683690183, a **kurtosis** of 3.48181415178204, and a **standard error** of 0.147886697449517.

The **Y_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 231.714331657645, **median** = 208.686328749994, **standard deviation** = 157.043734608661, **min value** = 0, **max value** = 1553.35963279563, which accounts for **range** = 1553.35963279563. It has a **skewness** of 1.37716834053582, a **kurtosis** of 4.22675319389431, and a **standard error** of 1.3734611336635.

The **Y_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0127859988468861, **median** = 0.00309763737011705, **standard deviation** = 0.101376095213475, **min value** = -2.79895748981896, **max value** = 2.51211626055794, which accounts for **range** = 5.3110737503769. It has a **skewness** of 0.556948827557619, a **kurtosis** of 149.924861564601, and a **standard error** of 0.000886607332697751.

The **Y_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.09968141697935, **median** = 1.08188622570973, **standard deviation** = 0.471479608842449, **min value** = 0, **max value** = 5.40533347150851, which accounts for **range** = 5.40533347150851. It has a **skewness** of 0.360011101533969, a **kurtosis** of 4.09780329717037, and a **standard error** of 0.00412343045504892.

The **Y_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00763785693553985, **median** = 0.0013562492772424, **standard deviation** = 0.110816599698194, **min value** = -3.22966727961321, **max value** = 3.69341957185417, which accounts for **range** = 6.92308685146738. It has a **skewness** of 2.93664622016887, a **kurtosis** of 280.064996897843, and a **standard error** of 0.000969171377829814.

The **Y_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.17081236037908, **median** = 1.16255826254701, **standard deviation** = 0.495566593483303, **min value** = 0, **max value** = 6.31300001545413, which accounts for **range** = 6.31300001545413. It has a **skewness** of 0.363627862844907, a **kurtosis** of 5.04901987185682, and a **standard error** of 0.00433408857085215.

The **Y_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000674914680697568, **median** = 0, **standard deviation** = 0.0173351912827248, **min value** = -0.311107741806402, **max value** = 0.270455275749555, which accounts for **range** = 0.581563017555957. It has a **skewness** of -1.3931010286066, a **kurtosis** of 76.9072734460973, and a **standard error** of 0.000151608795669405.

The **Y_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.383743975546475, **median** = 0.380537665195332, **standard deviation** = 0.159887614606437, **min value** = 0, **max value** = 1.77306146092718, which accounts for **range** = 1.77306146092718. It has a **skewness** of 0.34502879303026, a **kurtosis** of 5.12759332742344, and a **standard error** of 0.00139833292275767.

The **Y_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.38978011683392, **median** = 0.162837445273596, **standard deviation** = 0.887599415787234, **min value** = -8.26431504869033, **max value** = 15.9479472418067, which accounts for **range** = 24.212262290497. It has a **skewness** of 4.32318056731522, a **kurtosis** of 42.572513950491, and a **standard error** of 0.00776269937087296.

The **Y_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.30036623775405, **median** = 3.2758518539198, **standard deviation** = 1.44239176147463, **min value** = 0, **max value** = 14.0435954762817, which accounts for **range** = 14.0435954762817. It has a **skewness** of 0.152861083524859, a **kurtosis** of 2.43125406060566, and a **standard error** of 0.0126147600147086.

The **Y_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.393591179288937, **median** = 0.170071190224717, **standard deviation** = 0.865476784571675, **min**

value = -7.12387235523059, **max value** = 17.668769742544, which accounts for **range** = 24.7926420977746. It has a **skewness** of 5.34919637830989, a **kurtosis** of 61.5441117784126, and a **standard error** of 0.00756922094765121.

The **Y_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.34137036070075, **median** = 3.33359598399214, **standard deviation** = 1.4503519175302, **min value** = 0, **max value** = 12.2737666841517, which accounts for **range** = 12.2737666841517. It has a **skewness** of 0.1239230476547, a **kurtosis** of 2.4419248433802, and a **standard error** of 0.0126843773412925.

The **Y_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0610781291759263, **median** = 0.023826035215279, **standard deviation** = 0.18037902341978, **min value** = -2.56954445249409, **max value** = 4.85242118668969, which accounts for **range** = 7.42196563918378. It has a **skewness** of 5.1407749186233, a **kurtosis** of 98.6412310720702, and a **standard error** of 0.00157754512532831.

The **Y_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.20723826356243, **median** = 1.20384382445592, **standard deviation** = 0.519170429092676, **min value** = 0, **max value** = 4.18606503146117, which accounts for **range** = 4.18606503146117. It has a **skewness** of 0.157129603332883, a **kurtosis** of 2.77762561112727, and a **standard error** of 0.00454052119865256.

The **Y_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 13.0852936269686, **median** = 11.2314085402903, **standard deviation** = 6.54056221060247, **min value** = 4.36528280858178, **max value** = 52.9221209858103, which accounts for **range** = 48.5568381772285. It has a **skewness** of 1.52082278072318, a **kurtosis** of 2.61993664872584, and a **standard error** of 0.0572019508511821.

The **Y_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.96607773174572, **median** = 8.86828950821012, **standard deviation** = 5.13100092614091, **min value** = 1.46758344191901, **max value** = 40.7137839341107, which accounts for **range** = 39.2462004921917. It has a **skewness** of 1.13272941918757, a **kurtosis** of 1.23844202672383, and a **standard error** of 0.0448743171219599.

The **Y_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.97253773439335, **median** = 1.90422702327206, **standard deviation** = 1.00315929605251, **min value** = -0.640600313907353, **max value** = 8.46670281191919, which accounts for **range** = 9.10730312582654. It has a **skewness** of 0.743566742213965, a **kurtosis** of 1.49828522078226, and a **standard error** of 0.00877335417063735.

The **Y_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.67286914338365, **median** = 3.61154513470249, **standard deviation** = 7.68845147382804, **min value** = -1.79424278475456, **max value** = 108.206690063928, which accounts for **range** = 110.000932848683. It has a **skewness** of 3.0949223269919, a **kurtosis** of 18.0174787106116, and a **standard error** of 0.0672410733460632.

The **Y_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0832869811484933, **median** = 0.0723556348542239, **standard deviation** = 0.0475215395213724, **min value** = 0.0151849809341245, **max value** = 0.48647775455397, which accounts for **range** = 0.471292773619846. It has a **skewness** of 1.39809111423059, a **kurtosis** of 3.16704641902039, and a **standard error** of 0.00041561026109767.

The **Y_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.36183118644323, **median** = 4.37544440923893, **standard deviation** = 0.757435385525189, **min value** = 1.65831350525123, **max value** = 6.28951018642145, which accounts for **range** = 4.63119668117022. It has a **skewness** of -0.148279339393998, a **kurtosis** of -0.579807000949322, and a **standard error** of 0.00662432070832135.

The **Y_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.333763036956268, **median** = 0.305473485667766, **standard deviation** = 0.144803011974174, **min value** = 0.0665281485925468, **max value** = 0.937998941951071, which accounts for **range** = 0.871470793358524.

It has a **skewness** of 0.867568407569819, a **kurtosis** of 0.429644723212181, and a **standard error** of 0.00126640715390228.

The **Y_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.85553481577828, **median** = 1.90510994842032, **standard deviation** = 0.453476044532872, **min value** = 0.222222662030675, **max value** = 3.00149784499007, which accounts for **range** = 2.77927518295939. It has a **skewness** of -0.475146196055033, a **kurtosis** of -0.251552474147418, and a **standard error** of 0.00396597625346467.

The **Y_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.414788429756349, **median** = 0.411114914953465, **standard deviation** = 0.127839948766853, **min value** = 0.0692821369237285, **max value** = 0.905959928465481, which accounts for **range** = 0.836677791541752. It has a **skewness** of 0.175878320245385, a **kurtosis** of -0.307752989836079, and a **standard error** of 0.0011180528876134.

The **Y_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.862655448997686, **median** = 0.862056497987275, **standard deviation** = 0.036949485424515, **min value** = 0.718780848816514, **max value** = 0.982987515284788, which accounts for **range** = 0.26420666468274. It has a **skewness** of 0.082089511370544, a **kurtosis** of -0.158162291506559, and a **standard error** of 0.000323149995546773.

The **Y_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.846813701868613, **median** = 0.858858760241304, **standard deviation** = 0.0821591875160613, **min value** = 0.438446816471675, **max value** = 0.992406871462784, which accounts for **range** = 0.553960054991109. It has a **skewness** of -0.660792502318359, a **kurtosis** of 0.169952292068631, and a **standard error** of 0.000718541564920593.

The **Y_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84730490477347, **median** = 1.57465601526885, **standard deviation** = 1.16463942248976, **min value** = 0.0609608159748082, **max value** = 9.31276365397617, which accounts for **range** = 9.25180283800136. It has a **skewness** of 1.10347355004728, a **kurtosis** of 1.12357255720689, and a **standard error** of 0.010185614762079.

The **Y_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.79596372652106, **median** = 3.57017187605768, **standard deviation** = 0.998877565446277, **min value** = 2.0718476435984, **max value** = 9.27767857276834, which accounts for **range** = 7.20583092916994. It has a **skewness** of 0.976751561375188, a **kurtosis** of 0.855828548268435, and a **standard error** of 0.00873590733719866.

The **Y_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.00944896742947, **median** = 5.87679828348801, **standard deviation** = 4.6338057178363, **min value** = 0.212619587089275, **max value** = 37.1758438435718, which accounts for **range** = 36.9632242564825. It has a **skewness** of 1.15697252475398, a **kurtosis** of 1.25353596189375, and a **standard error** of 0.0405259851356391.

The **Y_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.58047238387197, **median** = 1.61039499163278, **standard deviation** = 0.390373452499929, **min value** = 0.196705665342698, **max value** = 2.41761969418577, which accounts for **range** = 2.22091402884307. It has a **skewness** of -0.410571071951957, a **kurtosis** of -0.361334266646901, and a **standard error** of 0.00341409840996686.

The **Y_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.311839950656126, **median** = 0.313281419455951, **standard deviation** = 0.0787170253014595, **min value** = 0.0675522807486142, **max value** = 0.566429413935719, which accounts for **range** = 0.498877133187105. It has a **skewness** of -0.0703680787431499, a **kurtosis** of -0.412419778588786, and a **standard error** of 0.000688437364779775.

The **Y_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.679620815855775, **median** = 0.690484592124321, **standard deviation** = 0.117070481168849, **min value**

= 0.161182606189941, **max value** = 0.988026657953817, which accounts for **range** = 0.826844051763876. It has a **skewness** of -0.561796041957729, a **kurtosis** of 0.388355039303753, and a **standard error** of 0.00102386609809922.

The **Y_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.405245321753838, **median** = -0.387526146673887, **standard deviation** = 0.0933169132055644, **min value** = -0.765627909661787, **max value** = -0.188697620044213, which accounts for **range** = 0.576930289617574. It has a **skewness** of -0.670586108006102, a **kurtosis** of -0.20479837922335, and a **standard error** of 0.000816123952481607.

The **Y_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.761478416752256, **median** = 0.768142177528336, **standard deviation** = 0.107097966525669, **min value** = 0.248255643025761, **max value** = 0.9581949515087, which accounts for **range** = 0.709939308482939. It has a **skewness** of -0.506659971399295, a **kurtosis** of -0.0183529931430955, and a **standard error** of 0.000936649239041266.

The **Y_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.93967476506633, **median** = 0.947592988707745, **standard deviation** = 0.0597246222322955, **min value** = 0.453634149787119, **max value** = 1.0808199384693, which accounts for **range** = 0.627185788682181. It has a **skewness** of -1.01110732496726, a **kurtosis** of 2.71814606174374, and a **standard error** of 0.000522335052482054.

The **Y_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.533745827074271, **median** = 0.526588165106625, **standard deviation** = 0.141443047772251, **min value** = 0.135896528864965, **max value** = 0.96844332195328, which accounts for **range** = 0.832546793088315. It has a **skewness** of 0.221730427729385, a **kurtosis** of -0.478313353882967, and a **standard error** of 0.00123702183488053.

The **Y_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 27.7156999851117, **median** = 25.61784261179, **standard deviation** = 16.1417572531254, **min value** = -64.3506917731798, **max value** = 107.071367239401, which accounts for **range** = 171.422059012581. It has a **skewness** of 0.606404501256448, a **kurtosis** of 0.468604094625082, and a **standard error** of 0.141171351225469.

The **Y_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 263.359173563343, **median** = 229.719728134375, **standard deviation** = 174.125663800715, **min value** = 3.83079362963368, **max value** = 1829.41206904935, which accounts for **range** = 1825.58127541972. It has a **skewness** of 1.02327656405952, a **kurtosis** of 1.4091201692199, and a **standard error** of 1.5228549690288.

The **Y_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0052536495883659, **median** = 0.00356171899600459, **standard deviation** = 0.0064671720597285, **min value** = -0.0151048403297377, **max value** = 0.0618908671949467, which accounts for **range** = 0.0769957075246844. It has a **skewness** of 1.52704057363621, a **kurtosis** of 4.16355450630388, and a **standard error** of 5.65601008590746e-05.

The **Y_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.807012494818192, **median** = 0.805530203532631, **standard deviation** = 0.107297326367158, **min value** = 0.417053248464647, **max value** = 1.30290017444545, which accounts for **range** = 0.885846925980803. It has a **skewness** of 0.123039830531636, a **kurtosis** of 0.321161960559257, and a **standard error** of 0.000938392785159684.

The **Y_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00640183394150395, **median** = 0.00419633379995524, **standard deviation** = 0.00774606244511813, **min value** = -0.0206549220006938, **max value** = 0.0635053416804372, which accounts for **range** = 0.084160263681131. It has a **skewness** of 1.56213235023976, a **kurtosis** of 3.64391354753897, and a **standard error** of 6.7744922991111e-05.

The **Y_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.874839445219636, **median** = 0.873325749054018, **standard deviation** = 0.116930076837208, **min value**

= 0.488281305530049, **max value** = 1.35280901221136, which accounts for **range** = 0.864527706681311. It has a **skewness** of 0.122422063871621, a **kurtosis** of 0.131832674067117, and a **standard error** of 0.00102263816058877.

The **Y_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000249375259857308, **median** = 0.000120491310682508, **standard deviation** = 0.000856707497228, **min value** = -0.0091065759650389, **max value** = 0.00925639507387021, which accounts for **range** = 0.0183629710389091. It has a **skewness** of 1.6182448521048, a **kurtosis** of 9.66298949592993, and a **standard error** of 7.49252718227127e-06.

The **Y_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.2915917509501, **median** = 0.291928188353936, **standard deviation** = 0.0378306710052069, **min value** = 0.178832839043268, **max value** = 0.503940596449619, which accounts for **range** = 0.325107757406351. It has a **skewness** of 0.218633592786533, a **kurtosis** of 0.174256724979756, and a **standard error** of 0.000330856601287148.

The **Y_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00256377481921865, **median** = 0.00280902729901833, **standard deviation** = 0.0311405128776161, **min value** = -0.188932785501952, **max value** = 0.159935620209711, which accounts for **range** = 0.348868405711663. It has a **skewness** of -0.199350379696131, a **kurtosis** of 1.93134816128106, and a **standard error** of 0.000272346325858419.

The **Y_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.3415903363073, **median** = 2.33687386269936, **standard deviation** = 0.357121570462391, **min value** = 0.644659796211461, **max value** = 4.11448655626129, which accounts for **range** = 3.46982676004983. It has a **skewness** of 0.0449144812885204, a **kurtosis** of 0.120619217602959, and a **standard error** of 0.00312328663251182.

The **Y_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00251820935606631, **median** = 0.00243410156108671, **standard deviation** = 0.0313298960582503, **min value** = -0.191554774878809, **max value** = 0.158811704730879, which accounts for **range** = 0.350366479609688. It has a **skewness** of -0.136188734766732, a **kurtosis** of 1.85476420847934, and a **standard error** of 0.000274002618856155.

The **Y_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.3868608353891, **median** = 2.38405279539498, **standard deviation** = 0.377285396418263, **min value** = 0.829127452181735, **max value** = 4.32049859522183, which accounts for **range** = 3.49137114304009. It has a **skewness** of 0.0542756079032439, a **kurtosis** of 0.0442302575263991, and a **standard error** of 0.00329963388587635.

The **Y_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00519257513631866, **median** = 0.00386243476934208, **standard deviation** = 0.00785566367634434, **min value** = -0.0650055064133847, **max value** = 0.0601908600484656, which accounts for **range** = 0.12519636646185. It has a **skewness** of 0.785183588682435, a **kurtosis** of 2.91411172373503, and a **standard error** of 6.87034650919212e-05.

The **Y_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.917143477752013, **median** = 0.90746639360359, **standard deviation** = 0.146269974363716, **min value** = 0.385942896054239, **max value** = 1.78225608964153, which accounts for **range** = 1.39631319358729. It has a **skewness** of 0.441241764112554, a **kurtosis** of 0.737930317059344, and a **standard error** of 0.00127923680184463.

The **Z_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 23.191175476509, **median** = 23.049763828903, **standard deviation** = 2.42340199192869, **min value** = 15.6512968299712, **max value** = 36.6314777953188, which accounts for **range** = 20.9801809653476. It has a **skewness** of 0.270879304862697, a **kurtosis** of -0.157837293002291, and a **standard error** of 0.0211944045743115.

The **Z_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

3.37496332133563, **median** = 3.33676746880469, **standard deviation** = 0.40084937243201, **min value** = 1.81703588520339, **max value** = 7.90815127465661, which accounts for **range** = 6.09111538945322. It has a **skewness** of 1.14808016004236, a **kurtosis** of 6.01250418964101, and a **standard error** of 0.00350571791266105.

The **Z_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.43211704415216, **median** = 0.398788977368318, **standard deviation** = 0.203481330134325, **min value** = -0.240584698982066, **max value** = 2.75166928809001, which accounts for **range** = 2.99225398707208. It has a **skewness** of 2.73513841436487, a **kurtosis** of 14.9680111417007, and a **standard error** of 0.00177959151991685.

The **Z_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.641629635284129, **median** = 0.49478119276309, **standard deviation** = 0.652986637631224, **min value** = -0.917042198282077, **max value** = 15.6428323463728, which accounts for **range** = 16.5598745446549. It has a **skewness** of 6.00763465779408, a **kurtosis** of 66.7161297157857, and a **standard error** of 0.00571084080382431.

The **Z_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0882815551892223, **median** = 0.0876249786969078, **standard deviation** = 0.0109412197477269, **min value** = 0.0361555122139233, **max value** = 0.195837561463608, which accounts for **range** = 0.159682049249685. It has a **skewness** of 0.797417224386148, a **kurtosis** of 2.991058551381, and a **standard error** of 9.56888863845555e-05.

The **Z_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.76313296649348, **median** = 3.76125438834544, **standard deviation** = 0.165800910661625, **min value** = 2.776745647314, **max value** = 4.94595645240974, which accounts for **range** = 2.16921080509574. It has a **skewness** of -0.00069045706253746, a **kurtosis** of 1.23127022462829, and a **standard error** of 0.00145004897703953.

The **Z_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.104544510204629, **median** = 0.0996934946388301, **standard deviation** = 0.0247875183784396, **min value** = 0.0546639944637986, **max value** = 0.320181206214958, which accounts for **range** = 0.265517211751159. It has a **skewness** of 1.81904495583808, a **kurtosis** of 6.55906817958424, and a **standard error** of 0.000216784790412638.

The **Z_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.64767119603513, **median** = 2.66341649762536, **standard deviation** = 0.185220695234098, **min value** = 1.69462545439856, **max value** = 3.26327138854516, which accounts for **range** = 1.5686459341466. It has a **skewness** of -0.629004866907916, a **kurtosis** of 0.872421344155679, and a **standard error** of 0.00161988904993944.

The **Z_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.04674570523236, **median** = 1.04528193497817, **standard deviation** = 0.188856984703635, **min value** = 0.360729529017037, **max value** = 1.98960468202394, which accounts for **range** = 1.6288751530069. It has a **skewness** of 0.119313944158915, a **kurtosis** of 0.0838494499483682, and a **standard error** of 0.00165169103344171.

The **Z_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.695154866641989, **median** = 0.692655564192557, **standard deviation** = 0.0261524249081568, **min value** = 0.603106680419622, **max value** = 0.867680798986898, which accounts for **range** = 0.264574118567276. It has a **skewness** of 0.690833226260242, a **kurtosis** of 1.27378265026164, and a **standard error** of 0.000228721885988731.

The **Z_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.48364135168444, **median** = 0.477339454550825, **standard deviation** = 0.0508049991048591, **min value** = 0.343718008044378, **max value** = 0.861866803317444, which accounts for **range** = 0.518148795273066. It has a **skewness** of 0.928424474821703, a **kurtosis** of 2.40868173424334, and a **standard error** of 0.000444326491854101.

The **Z_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.01721672487099, **median** = 1.01322342294413, **standard deviation** = 0.185507860430692, **min value** = 0.395169123098229, **max value** = 2.46814078812974, which accounts for **range** = 2.07297166503151. It has a **skewness** of 0.227092302260456, a **kurtosis** of 0.655879899760424, and a **standard error** of 0.00162240051744527.

The **Z_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.50824903558161, **median** = 7.53522951680561, **standard deviation** = 0.742589167537584, **min value** = 3.4650012824429, **max value** = 10.0215489804977, which accounts for **range** = 6.5565476980548. It has a **skewness** of -0.296597238634501, a **kurtosis** of 0.473173145570591, and a **standard error** of 0.00649447978573578.

The **Z_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.02976365378774, **median** = 3.00291709385337, **standard deviation** = 0.592438162645829, **min value** = 1.09298267495493, **max value** = 8.83258388009171, which accounts for **range** = 7.73960120513678. It has a **skewness** of 0.447435018425033, a **kurtosis** of 1.77171165006559, and a **standard error** of 0.00518130056267896.

The **Z_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.93921338615114, **median** = 1.94782590291266, **standard deviation** = 0.106060837666518, **min value** = 1.35501179003059, **max value** = 2.37366830021216, which accounts for **range** = 1.01865651018157. It has a **skewness** of -0.623027577305293, a **kurtosis** of 1.01597052907959, and a **standard error** of 0.000927578796452805.

The **Z_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.528656932173432, **median** = 0.528263717011681, **standard deviation** = 0.0751891484486824, **min value** = 0.264873868515511, **max value** = 0.871094316528782, which accounts for **range** = 0.606220448013271. It has a **skewness** of 0.165511011992862, a **kurtosis** of 0.0928048168772468, and a **standard error** of 0.000657583528084444.

The **Z_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02267330670096, **median** = 1.02706185673527, **standard deviation** = 0.0661266756535274, **min value** = 0.662081244525682, **max value** = 1.26193350625271, which accounts for **range** = 0.599852261727028. It has a **skewness** of -0.363650916444454, a **kurtosis** of 0.408440935963788, and a **standard error** of 0.000578325643712012.

The **Z_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.110157424092144, **median** = -0.106160105961155, **standard deviation** = 0.0227952953872724, **min value** = -0.428421003765346, **max value** = -0.0653064116433133, which accounts for **range** = 0.363114592122033. It has a **skewness** of -2.25413675787037, a **kurtosis** of 14.1087338794228, and a **standard error** of 0.000199361358304522.

The **Z_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.494245827627541, **median** = 0.488733686078907, **standard deviation** = 0.0462842889706202, **min value** = 0.366727955492279, **max value** = 0.827428181431312, which accounts for **range** = 0.460700225939033. It has a **skewness** of 0.874543006827716, a **kurtosis** of 2.22236997949136, and a **standard error** of 0.00040478960946011.

The **Z_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.749414579366668, **median** = 0.745810672377109, **standard deviation** = 0.0779580342310081, **min value** = 0.512502538202842, **max value** = 1.10407844176928, which accounts for **range** = 0.591575903566438. It has a **skewness** of 0.298923277971122, a **kurtosis** of 0.149680714341952, and a **standard error** of 0.000681799438480707.

The **Z_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.204608823334904, **median** = 0.19548677584656, **standard deviation** = 0.0513646107882367, **min value** = 0.107342322853354, **max value** = 0.5377117446133, which accounts for **range** = 0.430369421759946. It has a **skewness** of 1.25549479021643, a **kurtosis** of 2.66829075519231, and a **standard error** of

0.000449220701094466.

The **Z_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84042370276794, **median** = 1.65813695077694, **standard deviation** = 1.34685902553187, **min value** = -1.84084767894308, **max value** = 25.8530132136472, which accounts for **range** = 27.6938608925903. It has a **skewness** of 3.02316144314776, a **kurtosis** of 27.3213681445516, and a **standard error** of 0.0117792570884894.

The **Z_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 31.2106844507009, **median** = 29.6910001211513, **standard deviation** = 11.7275720370762, **min value** = 4.55021405178006, **max value** = 249.583937316447, which accounts for **range** = 245.033723264667. It has a **skewness** of 2.28341192034985, a **kurtosis** of 22.075669650033, and a **standard error** of 0.102566106348026.

The **Z_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00108052822754726, **median** = 0.000981140658554473, **standard deviation** = 0.00387728314304051, **min value** = -0.0188930496748141, **max value** = 0.0246337884655401, which accounts for **range** = 0.0435268381403542. It has a **skewness** of 0.191089037710963, a **kurtosis** of 1.27690543869497, and a **standard error** of 3.39096476178751e-05.

The **Z_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.09360761276979, **median** = 1.09203947694987, **standard deviation** = 0.126988876792649, **min value** = 0.663476473482961, **max value** = 1.71731258495724, which accounts for **range** = 1.05383611147428. It has a **skewness** of 0.0916637997432359, a **kurtosis** of 0.132159198933238, and a **standard error** of 0.00111060964715919.

The **Z_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00174896130045661, **median** = 0.00156341654741362, **standard deviation** = 0.00411372812009947, **min value** = -0.0196928206907317, **max value** = 0.0239269890397952, which accounts for **range** = 0.0436198097305269. It has a **skewness** of 0.223139470804639, a **kurtosis** of 1.0315322111247, and a **standard error** of 3.59775300905486e-05.

The **Z_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.18607106402404, **median** = 1.18289105154382, **standard deviation** = 0.125091643481206, **min value** = 0.62575271161154, **max value** = 1.73593076312596, which accounts for **range** = 1.11017805151442. It has a **skewness** of 0.0622959497640544, a **kurtosis** of 0.380452194809746, and a **standard error** of 0.00109401696855757.

The **Z_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.97050925413446e-05, **median** = 1.67873244101205e-05, **standard deviation** = 0.000796094321100422, **min value** = -0.00504072392538625, **max value** = 0.00555340197586037, which accounts for **range** = 0.0105941259012466. It has a **skewness** of -0.0909038110538119, a **kurtosis** of 2.36627195607624, and a **standard error** of 6.96242108280426e-06.

The **Z_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.429984502475605, **median** = 0.425239574706545, **standard deviation** = 0.0861257462360376, **min value** = 0.241618490050844, **max value** = 0.761495365998971, which accounts for **range** = 0.519876875948127. It has a **skewness** of 0.301847668908222, a **kurtosis** of -0.488986255621293, and a **standard error** of 0.00075323199207999.

The **Z_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00405619561314712, **median** = 0.00292074486272415, **standard deviation** = 0.00951004319352599, **min value** = -0.0629594290019156, **max value** = 0.0562910436728734, which accounts for **range** = 0.119250472674789. It has a **skewness** of 0.740105825485077, a **kurtosis** of 1.89831011369681, and a **standard error** of 8.31722114754694e-05.

The **Z_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.24422606784585, **median** = 1.240789008222, **standard deviation** = 0.115749281347679, **min value** = 0.711263165223135, **max value** = 2.11193865086254, which accounts for **range** = 1.40067548563941.

It has a **skewness** of 0.17886656042167, a **kurtosis** of 0.902487039705907, and a **standard error** of 0.00101231124932603.

The **Z_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00892355209919642, **median** = 0.00675697461205307, **standard deviation** = 0.0132417734341501, **min value** = -0.0741343131584032, **max value** = 0.104253470719788, which accounts for **range** = 0.178387783878191. It has a **skewness** of 1.06614848040049, a **kurtosis** of 2.32008760391921, and a **standard error** of 0.000115808893604724.

The **Z_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.33048760567481, **median** = 1.32253289878848, **standard deviation** = 0.137445107188521, **min value** = 0.774782134637656, **max value** = 2.29718149679576, which accounts for **range** = 1.5223993621581. It has a **skewness** of 0.344987720794687, a **kurtosis** of 0.967763550569904, and a **standard error** of 0.00120205695060716.

The **Z_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00289268183658856, **median** = 0.00257841273051818, **standard deviation** = 0.00399458130233804, **min value** = -0.0124150272355272, **max value** = 0.0276847565193811, which accounts for **range** = 0.0400997837549083. It has a **skewness** of 0.483256097134942, a **kurtosis** of 1.03632774957786, and a **standard error** of 3.49355049260121e-05.

The **Z_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.907767343734832, **median** = 0.901507008920319, **standard deviation** = 0.113537513854231, **min value** = 0.48500294587476, **max value** = 1.36447747741555, which accounts for **range** = 0.87947453154079. It has a **skewness** of 0.333947261747551, a **kurtosis** of 0.194185535354509, and a **standard error** of 0.000992967741630407.

The **Z_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 36.8920659288518, **median** = 39.1111878995912, **standard deviation** = 11.2836254385272, **min value** = 0, **max value** = 58.5931626356479, which accounts for **range** = 58.5931626356479. It has a **skewness** of -2.34498290170507, a **kurtosis** of 5.40267137428916, and a **standard error** of 0.0986834719974821.

The **Z_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.20805211231703, **median** = 4.37533052724688, **standard deviation** = 1.36527242241326, **min value** = 0, **max value** = 12.7466420787338, which accounts for **range** = 12.7466420787338. It has a **skewness** of -1.6971601650581, a **kurtosis** of 4.50508010689075, and a **standard error** of 0.0119402955725673.

The **Z_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0515126975983888, **median** = -0.00516168969582532, **standard deviation** = 0.3066671217658, **min value** = -2.18331247481594, **max value** = 1.72669207066698, which accounts for **range** = 3.91000454548292. It has a **skewness** of -0.423013285883577, a **kurtosis** of 3.0385861363406, and a **standard error** of 0.00268202595772038.

The **Z_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.186563570136043, **median** = 0.105157338792584, **standard deviation** = 0.541925195901444, **min value** = -1.56230787659193, **max value** = 8.33144036562725, which accounts for **range** = 9.89374824221918. It has a **skewness** of 3.2751575302957, a **kurtosis** of 28.0708510010894, and a **standard error** of 0.00473952810520186.

The **Z_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.135457127611821, **median** = 0.0678306756930531, **standard deviation** = 0.241049398113595, **min value** = 0.0235687704020765, **max value** = 1, which accounts for **range** = 0.976431229597924. It has a **skewness** of 3.29505054934395, a **kurtosis** of 8.9037696679008, and a **standard error** of 0.00210815146765966.

The **Z_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.82797839043917, **median** = 4.11640174617954, **standard deviation** = 1.09478996357715, **min value** = 0, **max value** = 5.47510630496962, which accounts for **range** = 5.47510630496962. It has a **skewness** of -3.0287734116494, a **kurtosis** of 7.78513349768951, and a **standard error** of 0.00957473068406747.

The **Z_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.147275892532668, **median** = 0.0763058160763494, **standard deviation** = 0.240160644208574, **min value** = 0.0294165598945916, **max value** = 1, which accounts for **range** = 0.970583440105408. It has a **skewness** of 3.19760626066124, a **kurtosis** of 8.4538060660748, and a **standard error** of 0.00210037867144477.

The **Z_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.69739413739025, **median** = 2.90863749660187, **standard deviation** = 0.813349822385153, **min value** = 0, **max value** = 3.68146088342342, which accounts for **range** = 3.68146088342342. It has a **skewness** of -2.5633090107723, a **kurtosis** of 5.85024951652578, and a **standard error** of 0.00711333293175842.

The **Z_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.70769364663888, **median** = 1.4172769262007, **standard deviation** = 1.45654964137929, **min value** = 0, **max value** = 23.0416666666667, which accounts for **range** = 23.0416666666667. It has a **skewness** of 3.60126194389034, a **kurtosis** of 23.7291747707366, and a **standard error** of 0.0127385809225123.

The **Z_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.668434127510762, **median** = 0.651287430185937, **standard deviation** = 0.119059196459311, **min value** = 0.298108465608466, **max value** = 1, which accounts for **range** = 0.701891534391534. It has a **skewness** of 1.18439860673733, a **kurtosis** of 2.1659380397313, and a **standard error** of 0.00104125885282566.

The **Z_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.443172987281956, **median** = 0.454481475960646, **standard deviation** = 0.196760732967154, **min value** = -0.496676742454402, **max value** = 0.961935568088939, which accounts for **range** = 1.45861231054334. It has a **skewness** of -0.644379656515503, a **kurtosis** of 0.549901512198271, and a **standard error** of 0.00172081503305401.

The **Z_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.5055995540119, **median** = 1.40297082642874, **standard deviation** = 0.78675529732854, **min value** = 0, **max value** = 7.83601580425069, which accounts for **range** = 7.83601580425069. It has a **skewness** of 1.38290151174548, a **kurtosis** of 6.2308857783797, and a **standard error** of 0.00688074455996174.

The **Z_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.54317744836806, **median** = 8.92080149717742, **standard deviation** = 2.07301796366828, **min value** = 2, **max value** = 13.5450461705392, which accounts for **range** = 11.5450461705392. It has a **skewness** of -2.0693514522605, a **kurtosis** of 4.4143106832673, and a **standard error** of 0.0181300426252574.

The **Z_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.39329157827559, **median** = 4.20059026683894, **standard deviation** = 2.09774586703966, **min value** = 0, **max value** = 26.4805327137156, which accounts for **range** = 26.4805327137156. It has a **skewness** of 0.879573456173251, a **kurtosis** of 5.02390237853278, and a **standard error** of 0.0183463060392816.

The **Z_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.95237974236463, **median** = 2.09784193787564, **standard deviation** = 0.565277626026198, **min value** = 0, **max value** = 2.57796811071283, which accounts for **range** = 2.57796811071283. It has a **skewness** of -2.92005981629793, a **kurtosis** of 7.30785836773946, and a **standard error** of 0.00494376201006197.

The **Z_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.744672193144339, **median** = 0.66757738135611, **standard deviation** = 0.473894427814565, **min value** = 0, **max value** = 5.12944444444445, which accounts for **range** = 5.12944444444445. It has a **skewness** of 2.08628367534381, a **kurtosis** of 9.44791931770411, and a **standard error** of 0.00414454979490224.

The **Z_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.06942189803294, **median** = 1.13239964364029, **standard deviation** = 0.347201508839259, **min value** = 0, **max value** = 1.73542524724268, which accounts for **range** = 1.73542524724268. It has a **skewness** of -1.88820010261676, a **kurtosis** of 3.792500403088, and a **standard error** of 0.00303652851308177.

The **Z_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.151282267231097, **median** = -0.121653668176034, **standard deviation** = 0.110236443998058, **min value**

= -0.876298529473061, **max value** = 0, which accounts for **range** = 0.876298529473061. It has a **skewness** of -2.06133194783203, a **kurtosis** of 6.57981073228263, and a **standard error** of 0.000964097496292322.

The **Z_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.547100300344901, **median** = 0.554049473574931, **standard deviation** = 0.19469533491117, **min value** = 0, **max value** = 0.980988653362175, which accounts for **range** = 0.980988653362175. It has a **skewness** of -1.1605057376339, a **kurtosis** of 2.21945588508073, and a **standard error** of 0.00170275163203704.

The **Z_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.642138857195127, **median** = 0.664114897331038, **standard deviation** = 0.235772053768095, **min value** = 0, **max value** = 1.1128827840494, which accounts for **range** = 1.1128827840494. It has a **skewness** of -1.18699488610291, a **kurtosis** of 1.60149638090636, and a **standard error** of 0.0020619972714062.

The **Z_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.221055925548892, **median** = 0.154801953310288, **standard deviation** = 0.224145415674585, **min value** = 0.0551588590569964, **max value** = 1, which accounts for **range** = 0.944841140943004. It has a **skewness** of 2.97440596417364, a **kurtosis** of 7.52924316458234, and a **standard error** of 0.00196031390545468.

The **Z_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.742087956989044, **median** = -0.401988243831097, **standard deviation** = 4.29513021172577, **min value** = -53.4460076754193, **max value** = 104.566141467748, which accounts for **range** = 158.012149143167. It has a **skewness** of 0.890061400295489, a **kurtosis** of 42.1744728622579, and a **standard error** of 0.0375640226878805.

The **Z_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 67.6552438242719, **median** = 54.5947287883718, **standard deviation** = 56.7659057266612, **min value** = 0, **max value** = 1242.46585277476, which accounts for **range** = 1242.46585277476. It has a **skewness** of 3.6897630455158, a **kurtosis** of 32.5568723232889, and a **standard error** of 0.496458935003419.

The **Z_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00468552719259011, **median** = 0.000137997944791076, **standard deviation** = 0.0928311122462963, **min value** = -2.74367898593967, **max value** = 1.93716025075198, which accounts for **range** = 4.68083923669165. It has a **skewness** of 0.937140756665584, a **kurtosis** of 136.24439629218, and a **standard error** of 0.000811875271450721.

The **Z_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.42334003937899, **median** = 1.46368625366187, **standard deviation** = 0.557253507893995, **min value** = 0, **max value** = 5.22783282340183, which accounts for **range** = 5.22783282340183. It has a **skewness** of -0.543930825771353, a **kurtosis** of 2.05873088044191, and a **standard error** of 0.00487358528881952.

The **Z_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -8.60567148408652e-05, **median** = 0, **standard deviation** = 0.104971250465745, **min value** = -3.39678812198019, **max value** = 2.76786908844267, which accounts for **range** = 6.16465721042286. It has a **skewness** of -2.67436190592434, a **kurtosis** of 195.186122776174, and a **standard error** of 0.000918049567695433.

The **Z_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.46793165288293, **median** = 1.50391623981087, **standard deviation** = 0.592415040600266, **min value** = 0, **max value** = 5.04144798571042, which accounts for **range** = 5.04144798571042. It has a **skewness** of -0.334475306608064, a **kurtosis** of 2.19263596731989, and a **standard error** of 0.00518109834365386.

The **Z_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000361946874179087, **median** = 0, **standard deviation** = 0.0230498811859, **min value** = -0.422585897007957, **max value** = 0.550598696182152, which accounts for **range** = 0.973184593190109. It has a **skewness** of 1.12780427119375, a **kurtosis** of 114.027300445281, and a **standard error** of 0.000201587895392863.

The **Z_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.538510983086895, **median** = 0.531712756677644, **standard deviation** = 0.241071677251485, **min value**

= 0, **max value** = 3.09163275597876, which accounts for **range** = 3.09163275597876. It has a **skewness** of 0.401721498293415, a **kurtosis** of 4.07110298658618, and a **standard error** of 0.00210834631484704.

The **Z_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0626311673289358, **median** = 0.0196141098225506, **standard deviation** = 0.219254117552033, **min value** = -2.29892279651781, **max value** = 5.27943514177901, which accounts for **range** = 7.57835793829682. It has a **skewness** of 4.45312353668296, a **kurtosis** of 75.2647735437052, and a **standard error** of 0.00191753596285654.

The **Z_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.48118081256376, **median** = 1.53657596641312, **standard deviation** = 0.526379427740612, **min value** = 0, **max value** = 4.59118254461638, which accounts for **range** = 4.59118254461638. It has a **skewness** of -1.04673502738169, a **kurtosis** of 3.07272113030382, and a **standard error** of 0.00460356910998915.

The **Z_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0750290983586856, **median** = 0.0250490335003398, **standard deviation** = 0.24358150399675, **min value** = -3.6443129581845, **max value** = 6.34290474388605, which accounts for **range** = 9.98721770207055. It has a **skewness** of 5.24250202896764, a **kurtosis** of 87.3607716947924, and a **standard error** of 0.00213029656644695.

The **Z_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.60262432991003, **median** = 1.65310206643559, **standard deviation** = 0.590089101939542, **min value** = 0, **max value** = 5.46152052462162, which accounts for **range** = 5.46152052462162. It has a **skewness** of -0.813230072128032, a **kurtosis** of 2.71781408764955, and a **standard error** of 0.00516075632645877.

The **Z_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0118847772235628, **median** = 0.00150139279827323, **standard deviation** = 0.103631213724311, **min value** = -1.47856789566752, **max value** = 2.08760783645808, which accounts for **range** = 3.5661757321256. It has a **skewness** of 2.28703538484433, a **kurtosis** of 62.3599410921876, and a **standard error** of 0.000906329976419621.

The **Z_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.15419161731427, **median** = 1.20177707650472, **standard deviation** = 0.440703922494536, **min value** = 0, **max value** = 3.91482162061705, which accounts for **range** = 3.91482162061705. It has a **skewness** of -0.727261879338438, a **kurtosis** of 2.13209871839839, and a **standard error** of 0.00385427480126873.

The **Z_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 26.9693830425145, **median** = 26.3245867430711, **standard deviation** = 4.49297964361274, **min value** = 16.9090401785714, **max value** = 45.6461538461538, which accounts for **range** = 28.7371136675824. It has a **skewness** of 0.651544589937574, a **kurtosis** of 0.0672642044593057, and a **standard error** of 0.0392943591810319.

The **Z_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.09473847106137, **median** = 6.79380613514463, **standard deviation** = 2.22603110951523, **min value** = 3.08208592166469, **max value** = 16.6625626326174, which accounts for **range** = 13.5804767109527. It has a **skewness** of 0.680842835970877, a **kurtosis** of 0.0675435524627073, and a **standard error** of 0.019468253342699.

The **Z_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.03695687499718, **median** = 1.07416501205907, **standard deviation** = 0.490857212980129, **min value** = -0.794823594582753, **max value** = 3.16318322006155, which accounts for **range** = 3.9580068146443. It has a **skewness** of -0.160293946218572, a **kurtosis** of -0.318169417370858, and a **standard error** of 0.0042929016295147.

The **Z_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.06889473081374, **median** = 0.75833135601899, **standard deviation** = 1.98115011497323, **min value** = -1.76325118356313, **max value** = 13.2928139287795, which accounts for **range** = 15.0560651123426. It has a **skewness** of 0.760948391445807, a **kurtosis** of 0.513739982458282, and a **standard error** of 0.0173265917908109.

The **Z_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0593128936236203, **median** = 0.0584171324706512, **standard deviation** = 0.0159902810070771, **min value** = 0.0226537037899204, **max value** = 0.155299284020249, which accounts for **range** = 0.132645580230329. It has a **skewness** of 0.431601479515227, a **kurtosis** of -0.334995566893511, and a **standard error** of 0.000139846581809235.

The **Z_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.46951196945573, **median** = 4.48590395802707, **standard deviation** = 0.348766674378688, **min value** = 3.33280545042685, **max value** = 5.59018367962219, which accounts for **range** = 2.25737822919534. It has a **skewness** of -0.162829766111078, a **kurtosis** of -0.800286106711852, and a **standard error** of 0.00305021701865324.

The **Z_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.137233259789354, **median** = 0.131641609341872, **standard deviation** = 0.0386729444868699, **min value** = 0.0597490347852982, **max value** = 0.46240186293783, which accounts for **range** = 0.402652828152532. It has a **skewness** of 1.32875383458221, a **kurtosis** of 4.24736907929292, and a **standard error** of 0.000338222892555387.

The **Z_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.48853406427522, **median** = 2.50715240443266, **standard deviation** = 0.214462163988719, **min value** = 1.40967767841728, **max value** = 3.10526242059031, which accounts for **range** = 1.69558474217303. It has a **skewness** of -0.471184328354883, a **kurtosis** of 0.24757523345408, and a **standard error** of 0.00187562686033849.

The **Z_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.638284646022451, **median** = 0.635771392244564, **standard deviation** = 0.118639420616464, **min value** = 0.255170839937971, **max value** = 1.20814564955719, which accounts for **range** = 0.952974809619219. It has a **skewness** of 0.266588292204115, a **kurtosis** of 0.471233391626531, and a **standard error** of 0.00103758760922948.

The **Z_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.766440706690191, **median** = 0.76495072192444, **standard deviation** = 0.026331631520508, **min value** = 0.676883861077124, **max value** = 0.878518271958758, which accounts for **range** = 0.201634410881634. It has a **skewness** of 0.316421735132095, a **kurtosis** of 0.508550860884815, and a **standard error** of 0.000230289177530626.

The **Z_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.770032766698196, **median** = 0.792867321506257, **standard deviation** = 0.123475759255663, **min value** = 0.379780964411827, **max value** = 0.978967187178919, which accounts for **range** = 0.599186222767092. It has a **skewness** of -0.731337517745012, a **kurtosis** of -0.0859366286688332, and a **standard error** of 0.00107988489136383.

The **Z_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.7848353755922, **median** = 1.59714952011018, **standard deviation** = 0.885587353176146, **min value** = 0.32628280529866, **max value** = 6.0861169267899, which accounts for **range** = 5.75983412149124. It has a **skewness** of 0.996154158642099, a **kurtosis** of 0.667723565743627, and a **standard error** of 0.00774510242692793.

The **Z_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.55233910240816, **median** = 6.46268914185386, **standard deviation** = 0.905071774650355, **min value** = 3.31579679938331, **max value** = 10.5304107271803, which accounts for **range** = 7.21461392779699. It has a **skewness** of 0.420247019979181, a **kurtosis** of 0.110765737177855, and a **standard error** of 0.0079155077963203.

The **Z_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.53273193785681, **median** = 5.73392963234557, **standard deviation** = 3.58756240265085, **min value** = 0.960610034837216, **max value** = 24.1251299746542, which accounts for **range** = 23.164519939817. It has a **skewness** of 1.02393199541822, a **kurtosis** of 0.715656058363864, and a **standard error** of

0.031375830031755.

The **Z_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.01370608522068, **median** = 2.02591077171934, **standard deviation** = 0.200907680286734, **min value** = 1.15310906293253, **max value** = 2.46370564323703, which accounts for **range** = 1.3105965803045. It has a **skewness** of -0.32248783239587, a **kurtosis** of -0.535389359113937, and a **standard error** of 0.00175708308908939.

The **Z_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.371899501301316, **median** = 0.37132450743046, **standard deviation** = 0.0512695347943002, **min value** = 0.193482295964251, **max value** = 0.617564573268646, which accounts for **range** = 0.424082277304395. It has a **skewness** of 0.153943215714712, a **kurtosis** of 0.310391606047137, and a **standard error** of 0.0004483891927077.

The **Z_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.854902952914623, **median** = 0.858746881119903, **standard deviation** = 0.0627999757941551, **min value** = 0.57203395054267, **max value** = 1.08570509688507, which accounts for **range** = 0.5136711463424. It has a **skewness** of -0.307716010875415, a **kurtosis** of 0.452674864762496, and a **standard error** of 0.000549231245443928.

The **Z_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.293938061251168, **median** = -0.287818430772803, **standard deviation** = 0.101416850387708, **min value** = -0.659409169276138, **max value** = -0.0831001042491181, which accounts for **range** = 0.57630906502702. It has a **skewness** of -0.259739721249206, a **kurtosis** of -0.548428277102066, and a **standard error** of 0.000886963766196633.

The **Z_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.735423143292635, **median** = 0.752561177385915, **standard deviation** = 0.115525042382749, **min value** = 0.388248487933392, **max value** = 0.950354739610713, which accounts for **range** = 0.562106251677321. It has a **skewness** of -0.528373318514845, a **kurtosis** of -0.496168880853165, and a **standard error** of 0.00101035011726462.

The **Z_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00487625035435, **median** = 1.02557369732132, **standard deviation** = 0.0978427704944414, **min value** = 0.502466511659961, **max value** = 1.2664722648757, which accounts for **range** = 0.764005753215739. It has a **skewness** of -1.15657712255858, a **kurtosis** of 1.49759471054383, and a **standard error** of 0.000855705850468623.

The **Z_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.27133320115768, **median** = 0.264179986775765, **standard deviation** = 0.0692570203697256, **min value** = 0.113831246973339, **max value** = 0.669246772500645, which accounts for **range** = 0.555415525527306. It has a **skewness** of 0.793885799500328, a **kurtosis** of 1.21055454420921, and a **standard error** of 0.000605702774123364.

The **Z_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 14.3029267478616, **median** = 13.5866053031504, **standard deviation** = 8.85127282986098, **min value** = -53.8107912439132, **max value** = 58.8768803951961, which accounts for **range** = 112.687671639109. It has a **skewness** of 0.167769706506103, a **kurtosis** of 1.83398792723926, and a **standard error** of 0.0774107878009884.

The **Z_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 142.906434173472, **median** = 124.285076170468, **standard deviation** = 92.9560836708499, **min value** = 6.4074971629169, **max value** = 788.92673642493, which accounts for **range** = 782.519239262013. It has a **skewness** of 1.15871040227608, a **kurtosis** of 1.61036023478718, and a **standard error** of 0.812968237017738.

The **Z_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000269993198580608, **median** = 0.00023428535638247, **standard deviation** = 0.00394698259975005, **min value** = -0.0314400390000509, **max value** = 0.0228679610768744, which accounts for **range** =

0.0543080000769253. It has a **skewness** of -0.190076203848194, a **kurtosis** of 2.88642072263428, and a **standard error** of 3.45192198180432e-05.

The **Z_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.23009247973833, **median** = 1.22778006790073, **standard deviation** = 0.131022194323909, **min value** = 0.694559557272561, **max value** = 2.11095698277788, which accounts for **range** = 1.41639742550532. It has a **skewness** of 0.33531460828367, a **kurtosis** of 1.3203143497852, and a **standard error** of 0.00114588392844595.

The **Z_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000106612721241732, **median** = 4.24571460732757e-05, **standard deviation** = 0.00422417812875467, **min value** = -0.0322733915279987, **max value** = 0.026293028377075, which accounts for **range** = 0.0585664199050737. It has a **skewness** of -0.216158797221108, a **kurtosis** of 2.96314100729676, and a **standard error** of 3.69434953643543e-05.

The **Z_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.30620897244795, **median** = 1.30358484372373, **standard deviation** = 0.142051845054624, **min value** = 0.734028435153152, **max value** = 2.04998187959282, which accounts for **range** = 1.31595344443967. It has a **skewness** of 0.261848112380547, a **kurtosis** of 1.0914123218553, and a **standard error** of 0.0012423462077866.

The **Z_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -1.86265083379612e-05, **median** = -2.63775663145017e-05, **standard deviation** = 0.00082780020764054, **min value** = -0.00704737379861267, **max value** = 0.00784006793360833, which accounts for **range** = 0.014887441732221. It has a **skewness** of 0.224079291053769, a **kurtosis** of 6.54809792015212, and a **standard error** of 7.23971201058124e-06.

The **Z_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.476388389916419, **median** = 0.472038269519377, **standard deviation** = 0.0937895820249882, **min value** = 0.256506706458936, **max value** = 0.826876992717164, which accounts for **range** = 0.570370286258228. It has a **skewness** of 0.261863688818951, a **kurtosis** of -0.423630170538013, and a **standard error** of 0.000820257783443988.

The **Z_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00497163603146134, **median** = -0.0032031871916194, **standard deviation** = 0.0101821434417917, **min value** = -0.0867243426800673, **max value** = 0.0343743616635415, which accounts for **range** = 0.121098704343609. It has a **skewness** of -1.42497587115169, a **kurtosis** of 4.37669532416767, and a **standard error** of 8.90502146394848e-05.

The **Z_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.34180256285178, **median** = 1.33534268975636, **standard deviation** = 0.124964746276383, **min value** = 0.888898228615458, **max value** = 2.12586683851201, which accounts for **range** = 1.23696860989655. It has a **skewness** of 0.388547358746069, a **kurtosis** of 0.869403844180305, and a **standard error** of 0.00109290716064815.

The **Z_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00762062583435505, **median** = -0.0051144626785965, **standard deviation** = 0.0136059709439482, **min value** = -0.103301929999996, **max value** = 0.0430264081023837, which accounts for **range** = 0.14632833810238. It has a **skewness** of -1.38438521296797, a **kurtosis** of 3.59252916947134, and a **standard error** of 0.000118994064448574.

The **Z_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.44700059621844, **median** = 1.4371020915606, **standard deviation** = 0.152035005411483, **min value** = 0.915468253152822, **max value** = 2.29535608792599, which accounts for **range** = 1.37988783477317. It has a **skewness** of 0.434992000029882, a **kurtosis** of 0.678649239349314, and a **standard error** of 0.00132965617131647.

The **Z_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000955294642519553, **median** = -0.00061491771104809, **standard deviation** = 0.00371228680830537,

min value = -0.0306644731119978, **max value** = 0.0181402500107536, which accounts for **range** = 0.0488047231227514. It has a **skewness** of -0.622153179642608, a **kurtosis** of 2.72463363088072, and a **standard error** of 3.24666352396968e-05.

The **Z_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00287383404197, **median** = 0.999528589904185, **standard deviation** = 0.122551326589323, **min value** = 0.571261666390694, **max value** = 1.50401083073301, which accounts for **range** = 0.932749164342316. It has a **skewness** of 0.177725629855084, a **kurtosis** of 0.23340347016604, and a **standard error** of 0.0010718000585555.

The **H_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 193.166136317809, **median** = 192.985447684491, **standard deviation** = 3.67671654174769, **min value** = 178.651217448529, **max value** = 216.98495396362, which accounts for **range** = 38.333736515091. It has a **skewness** of 0.373979963056511, a **kurtosis** of 0.822566018774525, and a **standard error** of 0.0321555475114741.

The **H_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.27507787864928, **median** = 6.86671685203697, **standard deviation** = 2.23642453622065, **min value** = 1.80544965468467, **max value** = 24.9628594694726, which accounts for **range** = 23.1574098147879. It has a **skewness** of 1.50819724761401, a **kurtosis** of 4.52904432169372, and a **standard error** of 0.0195591513824142.

The **H_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -2.82164255934125, **median** = -2.39837494691544, **standard deviation** = 4.02001788202884, **min value** = -16.1651919715564, **max value** = 4.16494991089031, which accounts for **range** = 20.3301418824467. It has a **skewness** of -0.321529576083221, a **kurtosis** of -1.30026527182659, and a **standard error** of 0.0351579662274178.

The **H_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 86.7752386319969, **median** = 85.8985366350603, **standard deviation** = 81.0877641255381, **min value** = -0.459531079214451, **max value** = 599.097690504916, which accounts for **range** = 599.557221584131. It has a **skewness** of 0.632394494320982, a **kurtosis** of -0.00594138513843445, and a **standard error** of 0.709171191831538.

The **H_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0579785829673067, **median** = 0.0550520412228254, **standard deviation** = 0.0131710552054161, **min value** = 0.0318692351158769, **max value** = 0.289067539248174, which accounts for **range** = 0.257198304132297. It has a **skewness** of 2.63194731697625, a **kurtosis** of 17.2128639756541, and a **standard error** of 0.000115190411505774.

The **H_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.47492614167436, **median** = 4.50946424256908, **standard deviation** = 0.269309701393716, **min value** = 2.47714990254301, **max value** = 5.37110389453909, which accounts for **range** = 2.89395399199608. It has a **skewness** of -0.961904170204294, a **kurtosis** of 2.07145660164067, and a **standard error** of 0.00235530827577755.

The **H_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.488327880172864, **median** = 0.415333915041872, **standard deviation** = 0.257305198464817, **min value** = 0.089014754812993, **max value** = 0.991021326553837, which accounts for **range** = 0.902006571740844. It has a **skewness** of 0.405083639078804, a **kurtosis** of -1.25562011880472, and a **standard error** of 0.00225032020832692.

The **H_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.21453812708308, **median** = 1.16804290594504, **standard deviation** = 0.655390376375388, **min value** = 0.0382593215005313, **max value** = 2.82188689186944, which accounts for **range** = 2.78362757036891. It has a **skewness** of 0.101652805669188, a **kurtosis** of -1.20100864405498, and a **standard error** of 0.00573186323906388.

The **H_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

0.28157218671691, **median** = 0.249498461491245, **standard deviation** = 0.159940095341146, **min value** = 0.0144173339394001, **max value** = 1.18415180805033, which accounts for **range** = 1.16973447411093. It has a **skewness** of 0.43805654183368, a **kurtosis** of -0.57493519134011, and a **standard error** of 0.00139879190477035.

The **H_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.895854793221348, **median** = 0.901689786704996, **standard deviation** = 0.0611170284293275, **min value** = 0.714337594730083, **max value** = 0.997613990215553, which accounts for **range** = 0.28327639548547. It has a **skewness** of -0.159245866342611, a **kurtosis** of -1.18874543599958, and a **standard error** of 0.00053451265255417.

The **H_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.492772081938116, **median** = 0.519483934188455, **standard deviation** = 0.160490002354279, **min value** = -0.097460735111849, **max value** = 0.880372149620447, which accounts for **range** = 0.977832884732296. It has a **skewness** of -0.574714623583718, a **kurtosis** of -0.459568756647532, and a **standard error** of 0.0014036012396448.

The **H_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.347882912344436, **median** = 0.256675438320769, **standard deviation** = 0.271654808030035, **min value** = 0.00717213924769698, **max value** = 1.58293704258443, which accounts for **range** = 1.57576490333673. It has a **skewness** of 0.852679280688133, a **kurtosis** of -0.166551343660029, and a **standard error** of 0.00237581793079376.

The **H_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 10.5283732851167, **median** = 13.16972214931, **standard deviation** = 3.85213557766111, **min value** = 3.00822561945454, **max value** = 15.714746698229, which accounts for **range** = 12.7065210787745. It has a **skewness** of -0.499956570114284, a **kurtosis** of -1.60603588072506, and a **standard error** of 0.0336897139558227.

The **H_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.10933681131785, **median** = 0.777466152707636, **standard deviation** = 0.936651069908159, **min value** = 0.0142712230513878, **max value** = 5.5901467775277, which accounts for **range** = 5.57587555447631. It has a **skewness** of 0.941429784197765, a **kurtosis** of 0.0145057468592946, and a **standard error** of 0.00819169159170163.

The **H_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.03449877368037, **median** = 1.02616966291261, **standard deviation** = 0.529869658526176, **min value** = 0.0342555690295627, **max value** = 2.24862440589729, which accounts for **range** = 2.21436883686773. It has a **skewness** of 0.00184861890964661, a **kurtosis** of -1.20190436215163, and a **standard error** of 0.00463409370457697.

The **H_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.213579822635276, **median** = 0.207172148985299, **standard deviation** = 0.0993656260740362, **min value** = 0.0143766960786284, **max value** = 0.86044480447706, which accounts for **range** = 0.846068108398432. It has a **skewness** of 0.202611325706496, a **kurtosis** of -0.288803245207867, and a **standard error** of 0.00086902432481571.

The **H_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.50397319890607, **median** = 0.503432154855009, **standard deviation** = 0.215862332960591, **min value** = 0.0309664003663974, **max value** = 1.07688412679688, which accounts for **range** = 1.04591772643048. It has a **skewness** of -0.161815953019764, a **kurtosis** of -1.10694852543673, and a **standard error** of 0.00188787235149559.

The **H_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.241908930174417, **median** = -0.244346652706716, **standard deviation** = 0.0473714312730942, **min value** = -0.475314077155726, **max value** = -0.0506460515393693, which accounts for **range** = 0.424668025616357. It has a **skewness** of 0.260080933008319, a **kurtosis** of 0.640891782759868, and a **standard error** of 0.000414297455812149.

The **H_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.499446333993454, **median** = 0.527556369649351, **standard deviation** = 0.153955828005519, **min value** = 0.0537281367415333, **max value** = 0.806565124925938, which accounts for **range** = 0.752836988184405. It has a **skewness** of -0.547847780462137, a **kurtosis** of -0.598364768543084, and a **standard error** of 0.00134645515526922.

The **H_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.761653363991914, **median** = 0.780164901513911, **standard deviation** = 0.1806410265426, **min value** = 0.0283682059496653, **max value** = 1.25587988604673, which accounts for **range** = 1.22751168009706. It has a **skewness** of -0.582193103290866, a **kurtosis** of -0.133779397579707, and a **standard error** of 0.00157983653228567.

The **H_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.625346026313424, **median** = 0.602003326494751, **standard deviation** = 0.226588414782269, **min value** = 0.171809584895273, **max value** = 0.995498901143143, which accounts for **range** = 0.82368931624787. It has a **skewness** of 0.0904568030794854, a **kurtosis** of -1.4133014825854, and a **standard error** of 0.00198167970099144.

The **H_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.839451125058252, **median** = -0.0844261590793344, **standard deviation** = 2.29055056182047, **min value** = -18.2116122686086, **max value** = 11.3075310372465, which accounts for **range** = 29.5191433058551. It has a **skewness** of 0.618199968021296, a **kurtosis** of 1.87555389343295, and a **standard error** of 0.020032522654858.

The **H_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 13.6863279255561, **median** = 7.35735153001858, **standard deviation** = 15.2732590648085, **min value** = 0.208029211197485, **max value** = 213.650543574706, which accounts for **range** = 213.442514363509. It has a **skewness** of 1.92905832432909, a **kurtosis** of 8.02603398923546, and a **standard error** of 0.133575705915054.

The **H_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00661790375531568, **median** = 0.00367110434392339, **standard deviation** = 0.0162985977508523, **min value** = -0.111185569310551, **max value** = 0.0824456423694118, which accounts for **range** = 0.193631211679963. It has a **skewness** of 0.413459759760284, a **kurtosis** of 2.67817300786004, and a **standard error** of 0.00014254303490549.

The **H_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.36327663619963, **median** = 2.00684873053683, **standard deviation** = 1.20061912967395, **min value** = 0.555813428736753, **max value** = 11.2885368656367, which accounts for **range** = 10.7327234368999. It has a **skewness** of 1.4946690036976, a **kurtosis** of 2.88232268477409, and a **standard error** of 0.0105002833449499.

The **H_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00736338880710214, **median** = 0.00432775160263598, **standard deviation** = 0.0156154052275783, **min value** = -0.100200754010244, **max value** = 0.0819374854535471, which accounts for **range** = 0.182138239463791. It has a **skewness** of 0.527361026632781, a **kurtosis** of 2.01080729666637, and a **standard error** of 0.000136568021767497.

The **H_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37666209137408, **median** = 2.02522694325041, **standard deviation** = 1.18238140930156, **min value** = 0.527891529930366, **max value** = 11.0202577047422, which accounts for **range** = 10.4923661748118. It has a **skewness** of 1.45768019287052, a **kurtosis** of 2.74237998521464, and a **standard error** of 0.010340781279105.

The **H_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000599286575534548, **median** = 0.000197414551833372, **standard deviation** = 0.00477775120149318, **min value** = -0.035933110331679, **max value** = 0.0349979002509019, which accounts for **range** = 0.0709310105825809. It has a **skewness** of 0.686208884673379, a **kurtosis** of 3.89674569418844, and

a **standard error** of 4.17848925836935e-05.

The **H_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.62517010520613, **median** = 1.45500614115186, **standard deviation** = 1.04990425153637, **min value** = 0.231382589139695, **max value** = 8.45519101734222, which accounts for **range** = 8.22380842820252. It has a **skewness** of 1.15965685341076, a **kurtosis** of 1.54643465557066, and a **standard error** of 0.00918217264220447.

The **H_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0824300995078079, **median** = -0.0534224462389296, **standard deviation** = 0.100805857958754, **min value** = -0.540706975261342, **max value** = 0.199157647052108, which accounts for **range** = 0.73986462231345. It has a **skewness** of -1.01633399507045, a **kurtosis** of 0.820069535863138, and a **standard error** of 0.000881620195144771.

The **H_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.34281701153943, **median** = 3.2668147827367, **standard deviation** = 0.823214283904651, **min value** = 0.998236797783478, **max value** = 9.72725012803249, which accounts for **range** = 8.72901333024901. It has a **skewness** of 0.798597647599047, a **kurtosis** of 1.91389926221405, and a **standard error** of 0.00719960478803662.

The **H_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0841488589205378, **median** = -0.0578258851199654, **standard deviation** = 0.0997170635766617, **min value** = -0.589584717185392, **max value** = 0.203403541451399, which accounts for **range** = 0.792988258636791. It has a **skewness** of -0.904874711373844, a **kurtosis** of 0.638326188589213, and a **standard error** of 0.000872097900160633.

The **H_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.27474743101122, **median** = 3.20568414619104, **standard deviation** = 0.787711802008444, **min value** = 1.12599923895261, **max value** = 9.29898633886366, which accounts for **range** = 8.17298709991105. It has a **skewness** of 0.975062613236528, a **kurtosis** of 2.82418534627341, and a **standard error** of 0.00688910988574369.

The **H_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00184523335573885, **median** = -0.00160509912450701, **standard deviation** = 0.0240871608857751, **min value** = -0.158857243208311, **max value** = 0.145626588003304, which accounts for **range** = 0.304483831211615. It has a **skewness** of -0.24210551424334, a **kurtosis** of 1.79897494111482, and a **standard error** of 0.000210659657192635.

The **H_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.17090969294098, **median** = 2.08988346891522, **standard deviation** = 0.684856075991189, **min value** = 0.510137823665429, **max value** = 6.95238425125153, which accounts for **range** = 6.4422464275861. It has a **skewness** of 1.10681376436665, a **kurtosis** of 2.81708001897197, and a **standard error** of 0.00598956211065117.

The **H_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 174.610308155723, **median** = 186.537653439909, **standard deviation** = 49.8167987339849, **min value** = 0, **max value** = 228.214043993232, which accounts for **range** = 228.214043993232. It has a **skewness** of -3.04742117824189, a **kurtosis** of 7.89307088936143, and a **standard error** of 0.435683964312014.

The **H_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 22.7431495648445, **median** = 17.6048647575125, **standard deviation** = 18.8066441928877, **min value** = 0, **max value** = 118.2112671074, which accounts for **range** = 118.2112671074. It has a **skewness** of 2.08094004671322, a **kurtosis** of 5.36118936700791, and a **standard error** of 0.16447771646501.

The **H_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -3.09417310297959, **median** = -3.25061293379069, **standard deviation** = 1.7454326204079, **min value** = -11.2362185279344, **max value** = 3.8892486970824, which accounts for **range** = 15.1254672250168. It has a **skewness** of 0.214687755361567, a **kurtosis** of -0.343822251444695, and a **standard error** of 0.0152650716791249.

The **H_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 22.4863897568878, **median** = 17.5242451867258, **standard deviation** = 20.7696684834616, **min value** = -1.9782554869303, **max value** = 170.981299980116, which accounts for **range** = 172.959555467046. It has a **skewness** of 1.20950425172662, a **kurtosis** of 1.93117430948125, and a **standard error** of 0.181645784801255.

The **H_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.105765149218622, **median** = 0.0355888864996521, **standard deviation** = 0.249418103341289, **min value** = 0.00977777777777778, **max value** = 1, which accounts for **range** = 0.990222222222222. It has a **skewness** of 3.29111244504054, a **kurtosis** of 8.88679300709125, and a **standard error** of 0.00218134185247804.

The **H_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.91868200524819, **median** = 5.26297702431407, **standard deviation** = 1.46983021103777, **min value** = 0, **max value** = 6.91864352926599, which accounts for **range** = 6.91864352926599. It has a **skewness** of -2.61964928385009, a **kurtosis** of 6.13230216131027, and a **standard error** of 0.012854729117181.

The **H_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.405003433435494, **median** = 0.348219380776713, **standard deviation** = 0.219077982567712, **min value** = 0.0502490096999087, **max value** = 1, which accounts for **range** = 0.949750990300091. It has a **skewness** of 1.31653840644302, a **kurtosis** of 1.48389612794582, and a **standard error** of 0.00191599553492513.

The **H_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.46005527776177, **median** = 1.48582745060337, **standard deviation** = 0.595075175800535, **min value** = 0, **max value** = 3.26190280793434, which accounts for **range** = 3.26190280793434. It has a **skewness** of -0.53080610016807, a **kurtosis** of 0.930641741607346, and a **standard error** of 0.00520436315149203.

The **H_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.30066130367926, **median** = 0.715903868333342, **standard deviation** = 1.71256850744556, **min value** = 0, **max value** = 29.4416666666667, which accounts for **range** = 29.4416666666667. It has a **skewness** of 4.15213065334834, a **kurtosis** of 32.7937581293863, and a **standard error** of 0.0149776512229152.

The **H_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.854550358981843, **median** = 0.874589092387996, **standard deviation** = 0.0957975024406882, **min value** = 0.247718253968254, **max value** = 1, which accounts for **range** = 0.752281746031746. It has a **skewness** of -1.707829577831, a **kurtosis** of 4.76639894118903, and a **standard error** of 0.000837818500892064.

The **H_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.418074766963582, **median** = 0.444421290451095, **standard deviation** = 0.188445893962763, **min value** = -0.377586450531505, **max value** = 0.990401474260838, which accounts for **range** = 1.36798792479234. It has a **skewness** of -0.65817934636279, a **kurtosis** of 0.272371064478624, and a **standard error** of 0.00164809574734893.

The **H_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.19923671365723, **median** = 0.643856885636165, **standard deviation** = 1.62070240705528, **min value** = 0, **max value** = 12.1973387394788, which accounts for **range** = 12.1973387394788. It has a **skewness** of 3.313359457029, a **kurtosis** of 13.3672567162956, and a **standard error** of 0.0141742156786594.

The **H_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 12.1760048513028, **median** = 13.2258054840912, **standard deviation** = 3.12222538554116, **min value** = 2, **max value** = 15.8055555555556, which accounts for **range** = 13.8055555555556. It has a **skewness** of -2.50192939189943, a **kurtosis** of 5.3394114030431, and a **standard error** of 0.0273061209876616.

The **H_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.58204178629017, **median** = 1.82862176605859, **standard deviation** = 5.20866091546094, **min value** = 0, **max value** = 42.6941279752558, which accounts for **range** = 42.6941279752558. It has a **skewness** of 3.68616050614189, a **kurtosis** of 16.6742657563242, and a **standard error** of 0.0455535099419573.

The **H_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics:

mean = 1.24896844893325, **median** = 1.29418096686008, **standard deviation** = 0.484544076650409, **min value** = 0, **max value** = 2.4881997140987, which accounts for **range** = 2.4881997140987. It has a **skewness** of -0.843446112425544, a **kurtosis** of 1.1314819048185, and a **standard error** of 0.00423768868261174.

The **H_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.956451937076187, **median** = 0.577664307273827, **standard deviation** = 1.08355330498299, **min value** = 0, **max value** = 9.88782317168439, which accounts for **range** = 9.88782317168439. It has a **skewness** of 2.49412381202827, a **kurtosis** of 7.26910079844714, and a **standard error** of 0.00947645797112045.

The **H_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.670530972422345, **median** = 0.648568251196719, **standard deviation** = 0.293031007756831, **min value** = 0, **max value** = 1.71181769216656, which accounts for **range** = 1.71181769216656. It has a **skewness** of -0.05922825653576, a **kurtosis** of 0.879940146187374, and a **standard error** of 0.00256276827034944.

The **H_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.272363791216039, **median** = -0.26039469608895, **standard deviation** = 0.122246032975836, **min value** = -0.952956054965665, **max value** = 0, which accounts for **range** = 0.952956054965665. It has a **skewness** of -0.085384843620447, a **kurtosis** of 1.17050717323008, and a **standard error** of 0.00106913004492188.

The **H_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.582058529269219, **median** = 0.609352432872242, **standard deviation** = 0.199016303306732, **min value** = 0, **max value** = 0.969288800823674, which accounts for **range** = 0.969288800823674. It has a **skewness** of -1.55359781505339, a **kurtosis** of 2.73600160374655, and a **standard error** of 0.00174054162834528.

The **H_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.702392174244515, **median** = 0.747988185776218, **standard deviation** = 0.263199954089819, **min value** = 0, **max value** = 1.30873874964608, which accounts for **range** = 1.30873874964608. It has a **skewness** of -1.23132733753788, a **kurtosis** of 1.35811054379976, and a **standard error** of 0.00230187411312649.

The **H_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.559376478756718, **median** = 0.536216409981088, **standard deviation** = 0.199855920972529, **min value** = 0.0891106442577031, **max value** = 1, which accounts for **range** = 0.910889355742297. It has a **skewness** of 0.434666295809366, a **kurtosis** of -0.168961434065687, and a **standard error** of 0.00174788469258139.

The **H_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -15.429251603759, **median** = -4.84616035980065, **standard deviation** = 29.7523371021299, **min value** = -209.287318511736, **max value** = 148.294926449564, which accounts for **range** = 357.5822449613. It has a **skewness** of -3.13932782649528, a **kurtosis** of 11.3981140445711, and a **standard error** of 0.260205723884869.

The **H_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 183.166062731401, **median** = 44.8437135759472, **standard deviation** = 373.38280580949, **min value** = 0, **max value** = 2525.16319867949, which accounts for **range** = 2525.16319867949. It has a **skewness** of 3.41714361991537, a **kurtosis** of 12.1992745284221, and a **standard error** of 3.26550290615209.

The **H_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.125254931299864, **median** = 0.0659560864085435, **standard deviation** = 0.547357320967424, **min value** = -12.9538799784003, **max value** = 10.5594576091428, which accounts for **range** = 23.5133375875431. It has a **skewness** of 0.858638079268434, a **kurtosis** of 84.4261267533522, and a **standard error** of 0.00478703597089236.

The **H_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.70098483685675, **median** = 7.10010872402306, **standard deviation** = 6.37116228770063, **min value** = 0, **max value** = 45.8262851335649, which accounts for **range** = 45.8262851335649. It has a **skewness** of 1.383552501716, a **kurtosis** of 2.34017283662164, and a **standard error** of 0.0557204259069934.

The **H_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.104485253381982, **median** = 0.0476662324340534, **standard deviation** = 0.571994352206671, **min value** = -18.9695232978091, **max value** = 17.2181354417072, which accounts for **range** = 36.1876587395163.

It has a **skewness** of -0.922501185553152, a **kurtosis** of 248.974397018522, and a **standard error** of 0.00500250464234417.

The **H_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.41308774046012, **median** = 7.00705463527328, **standard deviation** = 6.05694870653155, **min value** = 0, **max value** = 48.683371327787, which accounts for **range** = 48.683371327787. It has a **skewness** of 1.41817880932983, a **kurtosis** of 2.6338808867805, and a **standard error** of 0.0529724006993635.

The **H_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0132593354584173, **median** = 0.00201972703879845, **standard deviation** = 0.233085451479085, **min value** = -4.57618432642745, **max value** = 4.90385802395885, which accounts for **range** = 9.4800423503863. It has a **skewness** of 1.89825927349916, a **kurtosis** of 100.06684938266, and a **standard error** of 0.00203850098971906.

The **H_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.17207223016729, **median** = 5.09777590347936, **standard deviation** = 4.59199503327737, **min value** = 0, **max value** = 30.9150119613895, which accounts for **range** = 30.9150119613895. It has a **skewness** of 1.21206124191833, a **kurtosis** of 1.59204823716738, and a **standard error** of 0.0401603204349323.

The **H_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -1.59918882767451, **median** = -0.968138616537871, **standard deviation** = 2.19289473247767, **min value** = -30.4341354827079, **max value** = 12.0536030471984, which accounts for **range** = 42.4877385299063. It has a **skewness** of -4.09992656205536, a **kurtosis** of 28.0457465551838, and a **standard error** of 0.019178451740076.

The **H_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 10.1316916073546, **median** = 9.29573463237891, **standard deviation** = 5.71383125299496, **min value** = 0, **max value** = 39.7796766176615, which accounts for **range** = 39.7796766176615. It has a **skewness** of 1.24917181588441, a **kurtosis** of 3.3726242781405, and a **standard error** of 0.0499715902061054.

The **H_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -1.44885327932123, **median** = -0.890701126942556, **standard deviation** = 2.04209651730319, **min value** = -44.8887170676598, **max value** = 9.11900365657338, which accounts for **range** = 54.0077207242332. It has a **skewness** of -4.82105393776085, a **kurtosis** of 45.0136401224532, and a **standard error** of 0.0178596121946201.

The **H_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 9.91630939918834, **median** = 9.13197304621201, **standard deviation** = 5.48099855693295, **min value** = 0, **max value** = 49.195034701176, which accounts for **range** = 49.195034701176. It has a **skewness** of 1.25935357436083, a **kurtosis** of 3.7661337511723, and a **standard error** of 0.0479352997454632.

The **H_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.21586484661277, **median** = -0.106695505597098, **standard deviation** = 0.735681561378842, **min value** = -17.9652029905857, **max value** = 10.6091896080897, which accounts for **range** = 28.5743925986754. It has a **skewness** of -5.31884181759604, a **kurtosis** of 85.0251654721262, and a **standard error** of 0.00643406776987709.

The **H_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.15402111832497, **median** = 6.67275683799972, **standard deviation** = 3.81854826710747, **min value** = 0, **max value** = 34.32330989123, which accounts for **range** = 34.32330989123. It has a **skewness** of 0.871282839251749, a **kurtosis** of 2.28743629159259, and a **standard error** of 0.0333959686131978.

The **H_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 192.338976359443, **median** = 191.921344797003, **standard deviation** = 4.9339993631398, **min value** = 122.57837473522, **max value** = 217.190345982143, which accounts for **range** = 94.611971246923. It has a **skewness** of -0.562900675284314, a **kurtosis** of 10.2413086608296, and a **standard error** of 0.0431513958559365.

The **H_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

13.8579485551542, **median** = 10.6348328337525, **standard deviation** = 11.2081092438086, **min value** = 2.56136003357939, **max value** = 105.53032976279, which accounts for **range** = 102.968969729211. It has a **skewness** of 3.35082248106935, a **kurtosis** of 13.8021873212554, and a **standard error** of 0.0980230282130384.

The **H_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -4.60977463367641, **median** = -5.02226420999871, **standard deviation** = 2.42591593037423, **min value** = -18.8983766041309, **max value** = 4.59550225900113, which accounts for **range** = 23.493878863132. It has a **skewness** of 0.730125220078105, a **kurtosis** of 0.680099299624211, and a **standard error** of 0.0212163907857065.

The **H_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 70.9205360750666, **median** = 69.9813590025697, **standard deviation** = 45.8285629116437, **min value** = -1.78436937745845, **max value** = 637.786224928267, which accounts for **range** = 639.570594305725. It has a **skewness** of 1.41026723948675, a **kurtosis** of 7.28435241203448, and a **standard error** of 0.400803955201686.

The **H_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.048541544753134, **median** = 0.0462695403021961, **standard deviation** = 0.0150004979669196, **min value** = 0.0127904444509879, **max value** = 0.24760779555963, which accounts for **range** = 0.234817351108642. It has a **skewness** of 1.29811836329513, a **kurtosis** of 5.25138811376181, and a **standard error** of 0.000131190212678667.

The **H_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.85729612472364, **median** = 4.84251145524034, **standard deviation** = 0.444070474154274, **min value** = 2.75829667272107, **max value** = 6.49614771943071, which accounts for **range** = 3.73785104670964. It has a **skewness** of 0.223037908103772, a **kurtosis** of 0.493538078027798, and a **standard error** of 0.00388371773237734.

The **H_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.513661738782059, **median** = 0.4824063480053, **standard deviation** = 0.170251653390589, **min value** = 0.117891612442171, **max value** = 0.979282623566412, which accounts for **range** = 0.861391011124241. It has a **skewness** of 0.596810572700313, a **kurtosis** of -0.404590948579258, and a **standard error** of 0.0014889739438292.

The **H_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.07872071592564, **median** = 1.12759659645257, **standard deviation** = 0.341319251076438, **min value** = 0.0747022632247483, **max value** = 2.56152549053892, which accounts for **range** = 2.48682322731417. It has a **skewness** of -0.161601990733005, a **kurtosis** of 0.772260514644004, and a **standard error** of 0.00298508391113342.

The **H_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.390017880576609, **median** = 0.267875608446502, **standard deviation** = 0.462167276743082, **min value** = 0.0187864180698175, **max value** = 5.10259253250885, which accounts for **range** = 5.08380611443903. It has a **skewness** of 4.31805164550283, a **kurtosis** of 22.457666489123, and a **standard error** of 0.00404198737020304.

The **H_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.91788923963528, **median** = 0.916679177786145, **standard deviation** = 0.0308525721358927, **min value** = 0.764038880603673, **max value** = 0.995047657871968, which accounts for **range** = 0.231008777268295. It has a **skewness** of -0.395866510398414, a **kurtosis** of 1.2416121799395, and a **standard error** of 0.000269828075649069.

The **H_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.497315597739388, **median** = 0.504879280061456, **standard deviation** = 0.0991928327073195, **min value** = 0.0346733647875244, **max value** = 0.963377438582591, which accounts for **range** = 0.928704073795067. It has a **skewness** of -0.369528769997708, a **kurtosis** of 0.681295412000802, and a **standard error** of 0.00086751312174905.

The **H_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.435936744065903, **median** = 0.282304033847495, **standard deviation** = 0.702442140953221, **min value** = 0.0113147227463725, **max value** = 9.93390929373326, which accounts for **range** = 9.92259457098689. It has a **skewness** of 5.99678629128858, a **kurtosis** of 44.6647331015276, and a **standard error** of 0.00614336497823848.

The **H_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 12.9179354230638, **median** = 13.4687977880541, **standard deviation** = 1.75145533131859, **min value** = 3.67734255608778, **max value** = 15.3680551851775, which accounts for **range** = 11.6907126290897. It has a **skewness** of -3.23685408452894, a **kurtosis** of 10.7072482394155, and a **standard error** of 0.015317744645517.

The **H_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.35648786535554, **median** = 0.859424942207139, **standard deviation** = 2.38323601023137, **min value** = 0.0289408177797142, **max value** = 35.2043471421732, which accounts for **range** = 35.1754063243935. It has a **skewness** of 6.43774182708438, a **kurtosis** of 51.9139005896251, and a **standard error** of 0.0208431239906309.

The **H_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.952878596161267, **median** = 0.999935882934947, **standard deviation** = 0.294019073577588, **min value** = 0.069145816782927, **max value** = 2.11096381107298, which accounts for **range** = 2.04181799429005. It has a **skewness** of -0.327091674479445, a **kurtosis** of 0.47747969497038, and a **standard error** of 0.00257140962115336.

The **H_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.345008059483766, **median** = 0.224443672624773, **standard deviation** = 0.425021396102149, **min value** = 0.0185989306261519, **max value** = 4.37461497693582, which accounts for **range** = 4.35601604630967. It has a **skewness** of 4.23897413715227, a **kurtosis** of 21.2184936006356, and a **standard error** of 0.00371711975633001.

The **H_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.460043796152211, **median** = 0.476141450387802, **standard deviation** = 0.116122823892058, **min value** = 0.0559687591028584, **max value** = 0.945504802474687, which accounts for **range** = 0.889536043371829. It has a **skewness** of -0.369829026679847, a **kurtosis** of 0.909016354890782, and a **standard error** of 0.00101557814926159.

The **H_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.303254051380693, **median** = -0.287700883937392, **standard deviation** = 0.0837692505419392, **min value** = -0.766287430162387, **max value** = -0.0780013492550277, which accounts for **range** = 0.688286080907359. It has a **skewness** of -1.36446147019627, a **kurtosis** of 2.68778138240312, and a **standard error** of 0.000732622731509648.

The **H_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.547540544864826, **median** = 0.558882526951014, **standard deviation** = 0.118578733693956, **min value** = 0.0976690561018746, **max value** = 0.896532371857599, which accounts for **range** = 0.798863315755724. It has a **skewness** of -0.378532620885457, a **kurtosis** of 1.09039908946, and a **standard error** of 0.00103705685816453.

The **H_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.849310475836684, **median** = 0.86529020114716, **standard deviation** = 0.148661298668707, **min value** = 0.155059509861574, **max value** = 1.31354765250576, which accounts for **range** = 1.15848814264419. It has a **skewness** of -0.60049964311829, a **kurtosis** of 0.644302697786126, and a **standard error** of 0.00130015066382757.

The **H_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.665745131281998, **median** = 0.670357271244766, **standard deviation** = 0.154928467498017, **min value** = 0.215199802330491, **max value** = 0.989573074965609, which accounts for **range** = 0.774373272635118. It has a **skewness** of -0.0540109546273771, a **kurtosis** of -0.830621637432892, and a **standard error** of

0.00135496159166633.

The **H_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -5.75399865569097, **median** = -1.10702387791696, **standard deviation** = 18.0869154943213, **min value** = -161.675329467911, **max value** = 9.92699281248558, which accounts for **range** = 171.602322280397. It has a **skewness** of -5.28346112535564, a **kurtosis** of 30.7790588838773, and a **standard error** of 0.158183168027745.

The **H_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 65.093722238434, **median** = 8.30177330994734, **standard deviation** = 208.906353171905, **min value** = 0.203107380723912, **max value** = 1977.11590041297, which accounts for **range** = 1976.91279303225. It has a **skewness** of 5.3279284398912, a **kurtosis** of 31.1532511120592, and a **standard error** of 1.82703727322827.

The **H_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0481969585244873, **median** = -0.0430911076400609, **standard deviation** = 0.0422550875111559, **min value** = -0.262786321783056, **max value** = 0.0979815550770715, which accounts for **range** = 0.360767876860128. It has a **skewness** of -0.586249730866715, a **kurtosis** of 0.483186098801281, and a **standard error** of 0.00036955132620058.

The **H_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.55568829964245, **median** = 4.54452925169558, **standard deviation** = 3.26135970362888, **min value** = 1.27999106981533, **max value** = 25.4495899073006, which accounts for **range** = 24.1695988374853. It has a **skewness** of 2.50047751931295, a **kurtosis** of 7.49843255697281, and a **standard error** of 0.0285229513103004.

The **H_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0475669354303506, **median** = -0.0443226589029884, **standard deviation** = 0.0396925724377528, **min value** = -0.2413728219044, **max value** = 0.123853514866275, which accounts for **range** = 0.365226336770675. It has a **skewness** of -0.476003002275243, a **kurtosis** of 0.547507010303424, and a **standard error** of 0.000347140277033185.

The **H_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.43693144966853, **median** = 4.48906966253839, **standard deviation** = 3.14163101391992, **min value** = 1.08758805621834, **max value** = 27.7488328086053, which accounts for **range** = 26.661244752387. It has a **skewness** of 2.55192163017926, a **kurtosis** of 8.02829515040483, and a **standard error** of 0.0274758372544007.

The **H_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00266866396322383, **median** = -0.0010244506329846, **standard deviation** = 0.016962892595239, **min value** = -0.105433459650297, **max value** = 0.0713556360053439, which accounts for **range** = 0.176789095655641. It has a **skewness** of -0.549865802373859, a **kurtosis** of 1.29354356775566, and a **standard error** of 0.000148352774162722.

The **H_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.01842775781299, **median** = 3.37941323979722, **standard deviation** = 2.26318166088379, **min value** = 0.380072903156313, **max value** = 19.6403934924158, which accounts for **range** = 19.2603205892595. It has a **skewness** of 2.14781821656154, a **kurtosis** of 5.7143406178693, and a **standard error** of 0.0197931618054661.

The **H_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.18375944940374, **median** = -0.183637701418413, **standard deviation** = 0.104425658821276, **min value** = -0.62538575765649, **max value** = 0.263185326429592, which accounts for **range** = 0.888571084086082. It has a **skewness** of 0.109698004644944, a **kurtosis** of 0.501926251621828, and a **standard error** of 0.000913277973843584.

The **H_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.85700047393252, **median** = 6.07634894380065, **standard deviation** = 2.84486096415236, **min value** = 2.64183520719981, **max value** = 29.925858157145, which accounts for **range** = 27.2840229499452.

It has a **skewness** of 3.32282436223113, a **kurtosis** of 13.1602620534882, and a **standard error** of 0.0248803683551998.

The **H_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.181298264054412, **median** = -0.179608539257763, **standard deviation** = 0.102850020176313, **min value** = -0.773726145835485, **max value** = 0.408490199802666, which accounts for **range** = 1.18221634563815. It has a **skewness** of 0.0362997800115061, a **kurtosis** of 0.733702696525554, and a **standard error** of 0.000899497873383368.

The **H_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.77791988017211, **median** = 6.00636233934505, **standard deviation** = 2.72751344028627, **min value** = 2.57126117075313, **max value** = 29.852931788388, which accounts for **range** = 27.2816706176349. It has a **skewness** of 3.32226975953342, a **kurtosis** of 13.3380065130402, and a **standard error** of 0.0238540793181788.

The **H_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0676802544333302, **median** = -0.0669500407826105, **standard deviation** = 0.0386474254676378, **min value** = -0.270508096634371, **max value** = 0.129161649385974, which accounts for **range** = 0.399669746020345. It has a **skewness** of -0.122515722360234, a **kurtosis** of 0.522370423851841, and a **standard error** of 0.00033799971026052.

The **H_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.68880191062674, **median** = 4.18919140786369, **standard deviation** = 1.81331848416166, **min value** = 1.8234234527965, **max value** = 17.3510733556095, which accounts for **range** = 15.527649902813. It has a **skewness** of 2.80469256468677, a **kurtosis** of 9.83396353194765, and a **standard error** of 0.0158587826961439.

The **S_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 170.170139286901, **median** = 171.678657973311, **standard deviation** = 9.50944669971712, **min value** = 108.998352666621, **max value** = 191.113149847095, which accounts for **range** = 82.114797180474. It has a **skewness** of -0.734629019342379, a **kurtosis** of 0.568457480143189, and a **standard error** of 0.0831669947053449.

The **S_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 35.7961819536367, **median** = 35.7725351823485, **standard deviation** = 5.46909253290589, **min value** = 14.3992915778819, **max value** = 57.7565819200314, which accounts for **range** = 43.3572903421495. It has a **skewness** of 0.0029668308008189, a **kurtosis** of 0.408738465277381, and a **standard error** of 0.0478311729472921.

The **S_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.739995146020642, **median** = -0.733996148273276, **standard deviation** = 0.311476708745123, **min value** = -2.72186878387505, **max value** = 0.593226296448931, which accounts for **range** = 3.31509508032398. It has a **skewness** of -0.188019061714871, a **kurtosis** of 0.340079640220701, and a **standard error** of 0.0027240892772252.

The **S_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.575974374291387, **median** = 0.333917967537524, **standard deviation** = 0.913971966288931, **min value** = -0.786445190268046, **max value** = 14.5188872910485, which accounts for **range** = 15.3053324813165. It has a **skewness** of 2.19078529400728, a **kurtosis** of 10.8442521386765, and a **standard error** of 0.00799334641451288.

The **S_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00905470622440292, **median** = 0.00870848471378199, **standard deviation** = 0.00190096005215627, **min value** = 0.00524468822402293, **max value** = 0.0370171459846373, which accounts for **range** = 0.0317724577606144. It has a **skewness** of 2.19721672187567, a **kurtosis** of 14.2087172471997, and a **standard error** of 1.66252716467148e-05.

The **S_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.04443664258186, **median** = 7.06992497020707, **standard deviation** = 0.239032332102856, **min value**

= 5.5114503794472, **max value** = 7.68133977924267, which accounts for **range** = 2.16988939979547. It has a **skewness** of -0.697570135184881, a **kurtosis** of 1.02014588746852, and a **standard error** of 0.00209051076536302.

The **S_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0922615309401702, **median** = 0.087770006413175, **standard deviation** = 0.0255653328691381, **min value** = 0.042207835321765, **max value** = 0.409676535095806, which accounts for **range** = 0.367468699774041. It has a **skewness** of 1.70172166348796, a **kurtosis** of 7.48980387373572, and a **standard error** of 0.000223587341146908.

The **S_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.80784923175837, **median** = 2.82495345537787, **standard deviation** = 0.207215993514042, **min value** = 1.59054454086296, **max value** = 3.38216549438165, which accounts for **range** = 1.79162095351869. It has a **skewness** of -0.574037364986519, a **kurtosis** of 0.781122726655637, and a **standard error** of 0.0018122538544706.

The **S_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.840926770503599, **median** = 0.823891939590369, **standard deviation** = 0.157407071334998, **min value** = 0.326332449753465, **max value** = 1.57267118809692, which accounts for **range** = 1.24633873834345. It has a **skewness** of 0.583831565519621, a **kurtosis** of 0.647223905200011, and a **standard error** of 0.00137663877633292.

The **S_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.731525225081328, **median** = 0.732000144327106, **standard deviation** = 0.0276094500727458, **min value** = 0.642943362365303, **max value** = 0.883307622447117, which accounts for **range** = 0.240364260081814. It has a **skewness** of 0.101964790599211, a **kurtosis** of 0.392894262927062, and a **standard error** of 0.000241464625705914.

The **S_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.749846257484306, **median** = 0.751208938084806, **standard deviation** = 0.0271372449926259, **min value** = 0.586528514157875, **max value** = 0.862349524086991, which accounts for **range** = 0.275821009929116. It has a **skewness** of -0.327928138077872, a **kurtosis** of 0.31452975533931, and a **standard error** of 0.000237334850479419.

The **S_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.70036372222914, **median** = 1.69754638906581, **standard deviation** = 0.357577045702646, **min value** = 0.557989587615087, **max value** = 3.84927672906567, which accounts for **range** = 3.29128714145058. It has a **skewness** of 0.203643787597102, a **kurtosis** of 0.574508461642627, and a **standard error** of 0.00312727009317898.

The **S_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.3933211343089, **median** = 11.4339582786434, **standard deviation** = 0.675645773759519, **min value** = 7.41855958594059, **max value** = 13.3702632767221, which accounts for **range** = 5.95170369078151. It has a **skewness** of -0.444713745988321, a **kurtosis** of 0.41251242982754, and a **standard error** of 0.00590901135085158.

The **S_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.96478411047178, **median** = 5.96518751230858, **standard deviation** = 1.29356909037263, **min value** = 1.88674003579973, **max value** = 13.778354183173, which accounts for **range** = 11.8916141473733. It has a **skewness** of 0.175564150548294, a **kurtosis** of 0.563608986143357, and a **standard error** of 0.011313198032144.

The **S_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.21679506785551, **median** = 2.23465326784097, **standard deviation** = 0.133691979059566, **min value** = 1.34097133537041, **max value** = 2.56288618422425, which accounts for **range** = 1.22191484885384. It has a **skewness** of -0.834056813686556, a **kurtosis** of 1.13931538004454, and a **standard error** of 0.00116923312845581.

The **S_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

0.458022711007411, **median** = 0.452000356906895, **standard deviation** = 0.0625836762027161, **min value** = 0.260031337425627, **max value** = 0.814573740838251, which accounts for **range** = 0.554542403412624. It has a **skewness** of 0.614439605342113, a **kurtosis** of 1.04790787761692, and a **standard error** of 0.000547339548950533.

The **S__S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.946612316547711, **median** = 0.944812796825828, **standard deviation** = 0.0635190497083964, **min value** = 0.621043992730894, **max value** = 1.1927859773335, which accounts for **range** = 0.571741984602606. It has a **skewness** of 0.0389081710394232, a **kurtosis** of 0.413011773451188, and a **standard error** of 0.000555520067318311.

The **S__S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.259813817988561, **median** = -0.257824965006151, **standard deviation** = 0.0245695364330412, **min value** = -0.404344318312261, **max value** = -0.175526819217799, which accounts for **range** = 0.228817499094462. It has a **skewness** of -0.417032385312338, a **kurtosis** of 0.266194834583529, and a **standard error** of 0.000214878380516113.

The **S__S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.743825533170904, **median** = 0.745355027561847, **standard deviation** = 0.0303799065566559, **min value** = 0.596660948400244, **max value** = 0.851624518751882, which accounts for **range** = 0.254963570351638. It has a **skewness** of -0.239564796827724, a **kurtosis** of -0.0616560616526538, and a **standard error** of 0.000265694273024468.

The **S__S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.894231658106133, **median** = 0.892454777650187, **standard deviation** = 0.028785575222467, **min value** = 0.785774746882822, **max value** = 1.05320521027169, which accounts for **range** = 0.267430463388868. It has a **skewness** of 0.33583661646494, a **kurtosis** of 0.432280685845254, and a **standard error** of 0.000251750691466458.

The **S__S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.18680392315517, **median** = 0.180889672015936, **standard deviation** = 0.0479562409975381, **min value** = 0.075516118069421, **max value** = 0.625858740798906, which accounts for **range** = 0.550342622729485. It has a **skewness** of 1.129398101573, a **kurtosis** of 3.62404906490105, and a **standard error** of 0.000419412040160984.

The **S__S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -9.95042053282997, **median** = -9.75607178477008, **standard deviation** = 4.37192703170376, **min value** = -70.0474431674726, **max value** = 5.28785707052085, which accounts for **range** = 75.3353002379934. It has a **skewness** of -0.985880687328139, a **kurtosis** of 6.39608011593908, and a **standard error** of 0.0382356664671854.

The **S__S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 123.813982270379, **median** = 120.082651984835, **standard deviation** = 40.6801313615826, **min value** = 21.9864447921744, **max value** = 726.092114827463, which accounts for **range** = 704.105670035289. It has a **skewness** of 1.40756432145776, a **kurtosis** of 8.79613775909457, and a **standard error** of 0.355777194656564.

The **S__Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0121679983975215, **median** = -0.00902085869744964, **standard deviation** = 0.0249783413355742, **min value** = -0.166427151006453, **max value** = 0.100734536074907, which accounts for **range** = 0.26716168708136. It has a **skewness** of -0.738444728580276, a **kurtosis** of 1.83630602016733, and a **standard error** of 0.000218453675298038.

The **S__Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.80186753696533, **median** = 4.75380917349887, **standard deviation** = 0.929150126272695, **min value** = 2.17216257305329, **max value** = 8.11720432332349, which accounts for **range** = 5.9450417502702. It has a **skewness** of 0.246524002523312, a **kurtosis** of -0.79374145526265, and a **standard error** of 0.0081260904101277.

The **S_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0182274606978296, **median** = -0.0151177655346572, **standard deviation** = 0.0256732374832683, **min value** = -0.198336146180388, **max value** = 0.166540765365702, which accounts for **range** = 0.36487691154609. It has a **skewness** of -0.617774787493199, a **kurtosis** of 1.41894779470648, and a **standard error** of 0.000224531045103134.

The **S_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.24208412351398, **median** = 5.19025043559621, **standard deviation** = 0.947569928139757, **min value** = 2.2773267119006, **max value** = 9.09633889017243, which accounts for **range** = 6.81901217827183. It has a **skewness** of 0.229573666691615, a **kurtosis** of -0.641858005173949, and a **standard error** of 0.00828718491044147.

The **S_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000206941035647731, **median** = -8.61952819126528e-05, **standard deviation** = 0.00360545938888995, **min value** = -0.0564554004562142, **max value** = 0.0253617060908045, which accounts for **range** = 0.0818171065470187. It has a **skewness** of -0.651672472913017, a **kurtosis** of 9.38086959439502, and a **standard error** of 3.15323521309674e-05.

The **S_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.55036274782711, **median** = 1.5294636144958, **standard deviation** = 0.359790116894894, **min value** = 0.625003911557239, **max value** = 2.98684049391565, which accounts for **range** = 2.36183658235841. It has a **skewness** of 0.294929445704895, a **kurtosis** of -0.50951150198629, and a **standard error** of 0.00314662500266426.

The **S_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0730943602495002, **median** = -0.0710647288564087, **standard deviation** = 0.135061172052917, **min value** = -0.613566271212003, **max value** = 0.913482442742831, which accounts for **range** = 1.52704871395483. It has a **skewness** of -0.0237320706495707, a **kurtosis** of 0.390286124213371, and a **standard error** of 0.00118120771225909.

The **S_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 12.5465102185525, **median** = 12.372650631993, **standard deviation** = 2.26600857561665, **min value** = 5.30277178357075, **max value** = 21.7663771510093, which accounts for **range** = 16.4636053674386. It has a **skewness** of 0.410208539687541, a **kurtosis** of 0.261965950588246, and a **standard error** of 0.0198178852210384.

The **S_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0925773212950413, **median** = -0.0895731832110724, **standard deviation** = 0.138956304790658, **min value** = -0.889217206704279, **max value** = 0.501698275759757, which accounts for **range** = 1.39091548246404. It has a **skewness** of -0.054226068666049, a **kurtosis** of 0.29989276108536, and a **standard error** of 0.00121527346750287.

The **S_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 12.7800675155352, **median** = 12.5540349416721, **standard deviation** = 2.32304434381116, **min value** = 5.67925159648421, **max value** = 23.5937761779844, which accounts for **range** = 17.9145245815002. It has a **skewness** of 0.473867746555231, a **kurtosis** of 0.31460257233663, and a **standard error** of 0.0203167042986604.

The **S_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0250809577450603, **median** = -0.0200529056593702, **standard deviation** = 0.0357694029826439, **min value** = -0.255514936667465, **max value** = 0.112760815024893, which accounts for **range** = 0.368275751692358. It has a **skewness** of -0.801377409632964, a **kurtosis** of 1.4051422228963, and a **standard error** of 0.000312829320401931.

The **S_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.59068670082361, **median** = 4.55722542806997, **standard deviation** = 0.661501110823791, **min value** = 2.17747276464877, **max value** = 8.10736295219546, which accounts for **range** = 5.92989018754669. It has a **skewness** of 0.361292548639783, a **kurtosis** of 0.540873458764851, and a **standard error** of

0.00578530603500817.

The **S_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 81.2494756380142, **median** = 79.6861323648998, **standard deviation** = 38.5139246352517, **min value** = 0, **max value** = 222.303797468354, which accounts for **range** = 222.303797468354. It has a **skewness** of -0.00324000962123504, a **kurtosis** of 0.126532501513351, and a **standard error** of 0.336832148848083.

The **S_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 39.9552760138195, **median** = 42.4349080237624, **standard deviation** = 17.1975889116218, **min value** = 0, **max value** = 84.8734868273583, which accounts for **range** = 84.8734868273583. It has a **skewness** of -0.693784629245126, a **kurtosis** of 0.105326239124794, and a **standard error** of 0.150405363332032.

The **S_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.769839541002077, **median** = 0.638310080031737, **standard deviation** = 0.869960044107346, **min value** = -2.77977687747499, **max value** = 7.8307530776421, which accounts for **range** = 10.6105299551171. It has a **skewness** of 1.81227254845307, a **kurtosis** of 6.85374441996075, and a **standard error** of 0.00760843029745249.

The **S_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.28564542685546, **median** = 0, **standard deviation** = 4.8804252607274, **min value** = -1.7358525132564, **max value** = 91.050080469094, which accounts for **range** = 92.7859329823504. It has a **skewness** of 7.02349804719369, a **kurtosis** of 72.6305314131596, and a **standard error** of 0.0426828515512707.

The **S_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0848829410648526, **median** = 0.00994297330259171, **standard deviation** = 0.255018112094317, **min value** = 0.004644052035623, **max value** = 1, which accounts for **range** = 0.995355947964377. It has a **skewness** of 3.30078106954716, a **kurtosis** of 8.92809632770638, and a **standard error** of 0.00223031798253267.

The **S_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.26024457704561, **median** = 6.90943342029579, **standard deviation** = 1.91312609486853, **min value** = 0, **max value** = 7.82186626314772, which accounts for **range** = 7.82186626314772. It has a **skewness** of -2.48624135059712, a **kurtosis** of 5.37024818315368, and a **standard error** of 0.0167316724964998.

The **S_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.171014575167055, **median** = 0.0780891708154385, **standard deviation** = 0.247073909320228, **min value** = 0.0297107532930078, **max value** = 1, which accounts for **range** = 0.970289246706992. It has a **skewness** of 2.73185343266815, a **kurtosis** of 6.25638462388139, and a **standard error** of 0.00216084017894285.

The **S_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.61871315826899, **median** = 2.90930484141241, **standard deviation** = 0.885027870961644, **min value** = 0, **max value** = 3.64191132144229, which accounts for **range** = 3.64191132144229. It has a **skewness** of -1.85220232702088, a **kurtosis** of 2.87380011667106, and a **standard error** of 0.0077402093499866.

The **S_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.23489459347938, **median** = 1.00224781163246, **standard deviation** = 1.24532431932328, **min value** = 0, **max value** = 30.4924242424242, which accounts for **range** = 30.4924242424242. It has a **skewness** of 5.85580354681148, a **kurtosis** of 73.8325705416259, and a **standard error** of 0.0108912625878304.

The **S_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.725224742770092, **median** = 0.707795866948517, **standard deviation** = 0.116050594380282, **min value** = 0.257963564213564, **max value** = 1, which accounts for **range** = 0.742036435786436. It has a **skewness** of 0.534907347947844, a **kurtosis** of 0.760137986737423, and a **standard error** of 0.00101494644989852.

The **S_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.721568496563271, **median** = 0.78651303476145, **standard deviation** = 0.220381981787774, **min value** = -0.398087022722894, **max value** = 0.992768618613168, which accounts for **range** = 1.39085564133606. It has a **skewness** of -2.69125184163281, a **kurtosis** of 6.01789135161801, and a **standard error** of 0.00192739995199115.

The **S_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.42073400093618, **median** = 2.38877032956305, **standard deviation** = 1.33361601717924, **min value** = 0, **max value** = 7.95859505155673, which accounts for **range** = 7.95859505155673. It has a **skewness** of 0.248958767796101, a **kurtosis** of 0.0485520215285478, and a **standard error** of 0.0116634373946286.

The **S_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.54156987576957, **median** = 6.55663669395025, **standard deviation** = 2.12247957345905, **min value** = 2, **max value** = 14.9885687229437, which accounts for **range** = 12.9885687229437. It has a **skewness** of -0.140277399413996, a **kurtosis** of 0.161870830824136, and a **standard error** of 0.0185626202051611.

The **S_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.57681773382321, **median** = 8.47396908716076, **standard deviation** = 4.74023778247754, **min value** = 0, **max value** = 31.6091385726494, which accounts for **range** = 31.6091385726494. It has a **skewness** of 0.279843852199787, a **kurtosis** of 0.177821407892189, and a **standard error** of 0.0414568105806947.

The **S_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.09011119725957, **median** = 2.32230546964605, **standard deviation** = 0.672757627134081, **min value** = 0, **max value** = 2.69489364802916, which accounts for **range** = 2.69489364802916. It has a **skewness** of -2.1576095926609, a **kurtosis** of 3.96615279893921, and a **standard error** of 0.00588375241805655.

The **S_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.57177135793367, **median** = 0.525624424871407, **standard deviation** = 0.371251370048832, **min value** = 0, **max value** = 7.66770833333333, which accounts for **range** = 7.66770833333333. It has a **skewness** of 3.05705810022392, a **kurtosis** of 26.3990529054071, and a **standard error** of 0.00324686195760703.

The **S_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.940665901763239, **median** = 1.00623857983059, **standard deviation** = 0.32259397346075, **min value** = 0, **max value** = 1.76485378867777, which accounts for **range** = 1.76485378867777. It has a **skewness** of -1.5912088806571, a **kurtosis** of 2.65877995634254, and a **standard error** of 0.0028213178042824.

The **S_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.295939573592484, **median** = -0.298482458558749, **standard deviation** = 0.109980026436235, **min value** = -0.999999999999999, **max value** = 0, which accounts for **range** = 0.999999999999999. It has a **skewness** of 0.405548219327321, a **kurtosis** of 4.06387004835772, and a **standard error** of 0.000961854939108934.

The **S_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.73803583573169, **median** = 0.793391688947689, **standard deviation** = 0.213918653149267, **min value** = 0, **max value** = 0.974044540390435, which accounts for **range** = 0.974044540390435. It has a **skewness** of -2.8930055254963, a **kurtosis** of 7.25232501323836, and a **standard error** of 0.00187087346463269.

The **S_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.757263128817037, **median** = 0.845238760656555, **standard deviation** = 0.243611994449584, **min value** = 0, **max value** = 1.04555735429553, which accounts for **range** = 1.04555735429553. It has a **skewness** of -2.27761164120645, a **kurtosis** of 4.21530073365818, and a **standard error** of 0.00213056322752719.

The **S_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.259672563868768, **median** = 0.16684305067647, **standard deviation** = 0.242665531743289, **min value** = 0.0500471748577387, **max value** = 1, which accounts for **range** = 0.949952825142261. It has a **skewness** of 2.10757934819044, a **kurtosis** of 3.60742728097149, and a **standard error** of 0.00212228572607323.

The **S_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 13.4880102842195, **median** = 12.9401228817848, **standard deviation** = 16.0587537451257, **min value** = -131.7197285895, **max value** = 125.659840129238, which accounts for **range** = 257.379568718738. It has a **skewness** of -0.284646716496697, a **kurtosis** of 5.01661059954906, and a **standard error** of 0.140445425466766.

The **S_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 257.792898418977, **median** = 232.678804539134, **standard deviation** = 177.356486221924, **min value**

= 0, **max value** = 1617.76365887364, which accounts for **range** = 1617.76365887364. It has a **skewness** of 1.10204609922301, a **kurtosis** of 2.55359236516627, and a **standard error** of 1.55111084970024.

The **S_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0549444476282267, **median** = -0.00937089395301716, **standard deviation** = 0.466982799486218, **min value** = -9.90398452300221, **max value** = 13.4123407384882, which accounts for **range** = 23.3163252614904. It has a **skewness** of 1.14589505847726, a **kurtosis** of 147.22592921033, and a **standard error** of 0.00408410260225895.

The **S_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.95569735367319, **median** = 4.89672637859113, **standard deviation** = 2.5367804808616, **min value** = 0, **max value** = 24.8047821073263, which accounts for **range** = 24.8047821073263. It has a **skewness** of 0.522460061962099, a **kurtosis** of 2.22688740444845, and a **standard error** of 0.0221859815278963.

The **S_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.058001979737511, **median** = -0.00630718934676398, **standard deviation** = 0.523648842638426, **min value** = -9.91873088471592, **max value** = 18.7071187803522, which accounts for **range** = 28.6258496650681. It has a **skewness** of 1.87689149839971, a **kurtosis** of 238.95995890799, and a **standard error** of 0.00457968816676426.

The **S_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.10649161300527, **median** = 5.09023678473408, **standard deviation** = 2.61977365083393, **min value** = 0, **max value** = 28.0111172016567, which accounts for **range** = 28.0111172016567. It has a **skewness** of 0.568063759090186, a **kurtosis** of 2.85320000686315, and a **standard error** of 0.0229118168730667.

The **S_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00116445492382908, **median** = 0, **standard deviation** = 0.0686452796850411, **min value** = -1.54021446994396, **max value** = 1.16476519918069, which accounts for **range** = 2.70497966912465. It has a **skewness** of -0.390051315190856, a **kurtosis** of 82.1842585566166, and a **standard error** of 0.000600352659033523.

The **S_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.51245765080631, **median** = 1.44156774226502, **standard deviation** = 0.812355764581263, **min value** = 0, **max value** = 10.9720856304746, which accounts for **range** = 10.9720856304746. It has a **skewness** of 1.01673684828246, a **kurtosis** of 5.50447512505453, and a **standard error** of 0.00710463917672477.

The **S_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.232371392491885, **median** = 0.013143770564947, **standard deviation** = 3.73437220069237, **min value** = -57.1159694618977, **max value** = 49.5831831128976, which accounts for **range** = 106.699152574795. It has a **skewness** of -1.59396520458976, a **kurtosis** of 43.7411142585231, and a **standard error** of 0.0326597879824079.

The **S_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 14.4447483863902, **median** = 14.4453205242327, **standard deviation** = 7.23148839780981, **min value** = 0, **max value** = 59.497114919884, which accounts for **range** = 59.497114919884. It has a **skewness** of 0.328933254545877, a **kurtosis** of 1.36528576668333, and a **standard error** of 0.0632446004782068.

The **S_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.20155205380324, **median** = 0.0225384672068666, **standard deviation** = 3.49434052097997, **min value** = -76.9901352126333, **max value** = 54.9842695168371, which accounts for **range** = 131.97440472947. It has a **skewness** of -1.96572778094341, a **kurtosis** of 69.6712675862064, and a **standard error** of 0.0305605371988318.

The **S_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 14.2623447699451, **median** = 14.341248393104, **standard deviation** = 7.15270492743852, **min value** = 0, **max value** = 54.9545955907222, which accounts for **range** = 54.9545955907222. It has a **skewness** of 0.324205804799701, a **kurtosis** of 1.32050390279212, and a **standard error** of 0.0625555820031958.

The **S_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= -0.014897936124574, **median** = 0.0119702295289087, **standard deviation** = 0.920206093475118, **min value** = -17.9502553328711, **max value** = 18.2994989722192, which accounts for **range** = 36.2497543050903. It has a **skewness** of 0.856779005724954, a **kurtosis** of 96.904722791713, and a **standard error** of 0.00804786836926567.

The **S_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.18409094971358, **median** = 5.09463086320705, **standard deviation** = 2.75170528417111, **min value** = 0, **max value** = 28.551681221771, which accounts for **range** = 28.551681221771. It has a **skewness** of 0.88615088165497, a **kurtosis** of 3.96325249809457, and a **standard error** of 0.0240656545039719.

The **S_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 154.28668479737, **median** = 158.72124990335, **standard deviation** = 22.1718416766705, **min value** = 76.2183121732636, **max value** = 191.71807628524, which accounts for **range** = 115.499764111976. It has a **skewness** of -0.734784101271223, a **kurtosis** of -0.13581426823413, and a **standard error** of 0.193908804324678.

The **S_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 49.4666342554972, **median** = 49.893169205328, **standard deviation** = 10.1895618019367, **min value** = 19.8649998357799, **max value** = 75.6370720690645, which accounts for **range** = 55.7720722332846. It has a **skewness** of -0.139043592222828, a **kurtosis** of -0.584285074206234, and a **standard error** of 0.0891150935686581.

The **S_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.687149581709768, **median** = -0.731435405163623, **standard deviation** = 0.461593217549091, **min value** = -2.42062021333258, **max value** = 1.36289776729814, which accounts for **range** = 3.78351798063072. It has a **skewness** of 0.3659452520265, a **kurtosis** of -0.053591173033277, and a **standard error** of 0.00403696680702467.

The **S_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.124049371474524, **median** = -0.0986280944161648, **standard deviation** = 1.26516931060423, **min value** = -1.6607910659106, **max value** = 13.3266273669069, which accounts for **range** = 14.9874184328175. It has a **skewness** of 1.17897058093038, a **kurtosis** of 2.66689763011926, and a **standard error** of 0.0110648214011775.

The **S_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00741041522357012, **median** = 0.0069175624020664, **standard deviation** = 0.00215320959864014, **min value** = 0.00457813020951688, **max value** = 0.0333717155412871, which accounts for **range** = 0.0287935853317702. It has a **skewness** of 2.04439977349965, a **kurtosis** of 9.99795937206805, and a **standard error** of 1.88313765189861e-05.

The **S_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.36908104602441, **median** = 7.42789557768298, **standard deviation** = 0.285242164074025, **min value** = 5.89362146877187, **max value** = 7.81867160076745, which accounts for **range** = 1.92505013199558. It has a **skewness** of -0.814598954514851, a **kurtosis** of 0.178293152750973, and a **standard error** of 0.00249464919446798.

The **S_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0858274331872309, **median** = 0.0784913965285168, **standard deviation** = 0.0309175022520476, **min value** = 0.0398525190707086, **max value** = 0.436328175905616, which accounts for **range** = 0.396475656834907. It has a **skewness** of 1.61158695403903, a **kurtosis** of 5.9672000954526, and a **standard error** of 0.000270395936513848.

The **S_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.93682322552679, **median** = 2.98277849098769, **standard deviation** = 0.246075781388702, **min value** = 1.6784453629724, **max value** = 3.41899254125033, which accounts for **range** = 1.74054717827793. It has a **skewness** of -0.773708743707705, a **kurtosis** of 0.336446834196561, and a **standard error** of 0.0021521108276969.

The **S_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

0.856409744942491, **median** = 0.850997864277726, **standard deviation** = 0.154073546300827, **min value** = 0.341952754776522, **max value** = 1.43609278701313, which accounts for **range** = 1.09414003223661. It has a **skewness** of 0.229580502526852, a **kurtosis** of 0.175422766549727, and a **standard error** of 0.00134748468697088.

The **S_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.743314394529163, **median** = 0.742334428621323, **standard deviation** = 0.0308912651058077, **min value** = 0.648149090009463, **max value** = 0.895377891945805, which accounts for **range** = 0.247228801936342. It has a **skewness** of 0.314738901667882, a **kurtosis** of 0.470210512189658, and a **standard error** of 0.000270166473678489.

The **S_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.820375523241929, **median** = 0.819720923248549, **standard deviation** = 0.0633309308618283, **min value** = 0.568842421811565, **max value** = 0.967030494239753, which accounts for **range** = 0.398188072428188. It has a **skewness** of -0.0453828071697754, a **kurtosis** of -0.631624718247086, and a **standard error** of 0.000553874831837158.

The **S_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.71711873820448, **median** = 2.59963216196833, **standard deviation** = 1.03144518828456, **min value** = 0.513662565739917, **max value** = 6.28137078568512, which accounts for **range** = 5.7677082199452. It has a **skewness** of 0.493234010683868, a **kurtosis** of -0.344031744198584, and a **standard error** of 0.00902073477266212.

The **S_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10.6622950386661, **median** = 10.9880365584526, **standard deviation** = 1.3223515606598, **min value** = 4.79398539206488, **max value** = 13.0648415410508, which accounts for **range** = 8.27085614898592. It has a **skewness** of -0.933539147555209, a **kurtosis** of 0.337993361042705, and a **standard error** of 0.0115649215687039.

The **S_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10.0195105584708, **median** = 9.45862978486636, **standard deviation** = 4.11278738079368, **min value** = 1.62395580175722, **max value** = 24.2503636713407, which accounts for **range** = 22.6264078695835. It has a **skewness** of 0.572070882374319, a **kurtosis** of -0.265754570032601, and a **standard error** of 0.0359693026443749.

The **S_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.35195472065323, **median** = 2.38949982764965, **standard deviation** = 0.190877570767638, **min value** = 1.41021101083627, **max value** = 2.67376642327621, which accounts for **range** = 1.26355541243994. It has a **skewness** of -0.727978649521903, a **kurtosis** of -0.0208159797198446, and a **standard error** of 0.0016693625211521.

The **S_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.494049783911185, **median** = 0.494269823515677, **standard deviation** = 0.059917440220516, **min value** = 0.26898575556119, **max value** = 0.795431107684638, which accounts for **range** = 0.526445352123448. It has a **skewness** of 0.051416975737603, a **kurtosis** of 0.127286382334045, and a **standard error** of 0.000524021385358384.

The **S_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.954763745557818, **median** = 0.958337904959387, **standard deviation** = 0.0652635854457272, **min value** = 0.604551728618654, **max value** = 1.14904249398553, which accounts for **range** = 0.544490765366876. It has a **skewness** of -0.37649726255077, a **kurtosis** of 0.57333193632671, and a **standard error** of 0.000570777295105726.

The **S_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.320724512162862, **median** = -0.304497446325732, **standard deviation** = 0.0643898141029671, **min value** = -0.578017431651041, **max value** = -0.20964843679766, which accounts for **range** = 0.368368994853381. It has a **skewness** of -0.972344543907101, a **kurtosis** of 0.422129893108815, and a **standard error** of 0.000563135532242786.

The **S_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.8083000377679, **median** = 0.806893199834534, **standard deviation** = 0.0595821744824747, **min value** = 0.638607128401011, **max value** = 0.931810805135934, which accounts for **range** = 0.293203676734923. It has a **skewness** of 0.00870955729382161, a **kurtosis** of -0.969356166011881, and a **standard error** of 0.000521089243800516.

The **S_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.909669933099598, **median** = 0.901503290830975, **standard deviation** = 0.0428018561624435, **min value** = 0.757520525566504, **max value** = 1.07848100568174, which accounts for **range** = 0.320960480115236. It has a **skewness** of 0.66980550304557, a **kurtosis** of 0.115688813063478, and a **standard error** of 0.00037433321382902.

The **S_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.183688687991609, **median** = 0.176642392019202, **standard deviation** = 0.0579757388529566, **min value** = 0.06869390198555, **max value** = 0.655260484590879, which accounts for **range** = 0.586566582605329. It has a **skewness** of 0.942282242103436, a **kurtosis** of 2.39761471173895, and a **standard error** of 0.000507039801418281.

The **S_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -16.5599621914956, **median** = -17.6622322075336, **standard deviation** = 12.5947073240392, **min value** = -67.3480755958953, **max value** = 101.553784171817, which accounts for **range** = 168.901859767712. It has a **skewness** of 1.61994599667031, a **kurtosis** of 6.64064603314283, and a **standard error** of 0.110149832099579.

The **S_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 284.262716949568, **median** = 273.081920478775, **standard deviation** = 134.517304653668, **min value** = 13.0487817841543, **max value** = 1032.07070556358, which accounts for **range** = 1019.02192377943. It has a **skewness** of 0.585061094123159, a **kurtosis** of 0.254151298676931, and a **standard error** of 1.17645119817977.

The **S_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0163752319306446, **median** = 0.00981369816075411, **standard deviation** = 0.0314176704375425, **min value** = -0.102950393859151, **max value** = 0.25243880412466, which accounts for **range** = 0.355389197983811. It has a **skewness** of 1.33695384890944, a **kurtosis** of 4.09624194280022, and a **standard error** of 0.000274770269337658.

The **S_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.22959894622192, **median** = 5.21452979184039, **standard deviation** = 1.04157247293457, **min value** = 2.06569438711625, **max value** = 8.18668672076165, which accounts for **range** = 6.1209923336454. It has a **skewness** of -0.0905101253164184, a **kurtosis** of -0.766061945026385, and a **standard error** of 0.0091093052074585.

The **S_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0216885626628227, **median** = 0.0138614042061691, **standard deviation** = 0.0343372739828348, **min value** = -0.139032691673033, **max value** = 0.290544661851587, which accounts for **range** = 0.42957735352462. It has a **skewness** of 1.287005617913, a **kurtosis** of 3.32811774088828, and a **standard error** of 0.000300304315666584.

The **S_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.60239763291196, **median** = 5.59905190709937, **standard deviation** = 1.08175754335328, **min value** = 2.24644760383473, **max value** = 9.03818491906934, which accounts for **range** = 6.79173731523461. It has a **skewness** of -0.143469986806286, a **kurtosis** of -0.583192110656708, and a **standard error** of 0.00946075273582479.

The **S_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000609603011088859, **median** = 0.000125801198684967, **standard deviation** = 0.00408136748237916, **min value** = -0.0284539837693417, **max value** = 0.047846095957777, which accounts for **range** = 0.0763000797271187. It has a **skewness** of 1.45449687772133, a **kurtosis** of 10.4437866633005, and a

standard error of 3.56945128897659e-05.

The **S_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.64171393711399, **median** = 1.61759973457196, **standard deviation** = 0.413106985856183, **min value** = 0.568555623447803, **max value** = 3.23659140386691, which accounts for **range** = 2.66803578041911. It has a **skewness** of 0.336676418230782, a **kurtosis** of -0.304358201030981, and a **standard error** of 0.00361291961460431.

The **S_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.233929660991462, **median** = 0.222667179232834, **standard deviation** = 0.149570023035616, **min value** = -0.225437091447985, **max value** = 1.04232015803454, which accounts for **range** = 1.26775724948253. It has a **skewness** of 0.505737402314744, a **kurtosis** of 0.242963654880515, and a **standard error** of 0.00130809811618708.

The **S_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 13.4153055570145, **median** = 13.3578264834645, **standard deviation** = 2.14736011059787, **min value** = 5.61259415294825, **max value** = 21.8168329093536, which accounts for **range** = 16.2042387564053. It has a **skewness** of 0.14393872185262, a **kurtosis** of -0.0202999731221132, and a **standard error** of 0.0187802185119639.

The **S_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.248352667913839, **median** = 0.236275958481111, **standard deviation** = 0.157118400984356, **min value** = -0.728915398864757, **max value** = 0.995194915364433, which accounts for **range** = 1.72411031422919. It has a **skewness** of 0.480561530778124, a **kurtosis** of 0.149528231543547, and a **standard error** of 0.00137411414516545.

The **S_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 13.5595219825427, **median** = 13.5031098100995, **standard deviation** = 2.19137543761156, **min value** = 5.71863999132561, **max value** = 21.9808424468404, which accounts for **range** = 16.2622024555148. It has a **skewness** of 0.188702928415374, a **kurtosis** of 0.0764967255365785, and a **standard error** of 0.0191651644067457.

The **S_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0470642764572797, **median** = 0.0409840044826471, **standard deviation** = 0.0374117312355468, **min value** = -0.116254951161306, **max value** = 0.270195697238247, which accounts for **range** = 0.386450648399553. It has a **skewness** of 1.01276310833575, a **kurtosis** of 1.62920187955271, and a **standard error** of 0.000327192669756177.

The **S_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.98172644111562, **median** = 5.02682536888373, **standard deviation** = 0.821869054921769, **min value** = 1.83022025898401, **max value** = 7.87778243270394, which accounts for **range** = 6.04756217371993. It has a **skewness** of -0.219542162671848, a **kurtosis** of 0.0540310680280349, and a **standard error** of 0.007187839786851.

The **V_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 136.023663628781, **median** = 135.851436838673, **standard deviation** = 6.34062886571586, **min value** = 114.050912584054, **max value** = 176.317935342165, which accounts for **range** = 62.267022758111. It has a **skewness** of 0.118602080467775, a **kurtosis** of -0.187497445603486, and a **standard error** of 0.0554533890304296.

The **V_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.89499711935507, **median** = 8.80553519845492, **standard deviation** = 0.799420823852856, **min value** = 5.96346193527844, **max value** = 19.2660946085766, which accounts for **range** = 13.3026326732982. It has a **skewness** of 1.79916596364879, a **kurtosis** of 11.122045355586, and a **standard error** of 0.0069915137572295.

The **V_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.168762085895927, **median** = 0.132436782629112, **standard deviation** = 0.221893933966512, **min value** = -0.605751876383073, **max value** = 4.05180865388785, which accounts for **range** = 4.65756053027092.

It has a **skewness** of 3.57752448220604, a **kurtosis** of 31.5014667965296, and a **standard error** of 0.00194062306820543.

The **V_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.562334831032148, **median** = 0.423038939575817, **standard deviation** = 0.836285423778909, **min value** = -1.02188624726977, **max value** = 28.9495623337877, which accounts for **range** = 29.9714485810575. It has a **skewness** of 15.5968457077027, a **kurtosis** of 368.105634046779, and a **standard error** of 0.00731392136764872.

The **V_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0331207896162097, **median** = 0.0331073803711019, **standard deviation** = 0.00288992107745304, **min value** = 0.0150902512106882, **max value** = 0.0595606804749532, which accounts for **range** = 0.044470429264265. It has a **skewness** of 0.167639547777913, a **kurtosis** of 2.50489123336181, and a **standard error** of 2.52744516623192e-05.

The **V_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.17371302892306, **median** = 5.16759053110298, **standard deviation** = 0.119705932453613, **min value** = 4.50889512908175, **max value** = 6.17540003490943, which accounts for **range** = 1.66650490582768. It has a **skewness** of 0.51107951763474, a **kurtosis** of 2.52621066835122, and a **standard error** of 0.0010469150272291.

The **V_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.108571618381122, **median** = 0.10495377806691, **standard deviation** = 0.022463521823936, **min value** = 0.0439073491105071, **max value** = 0.399599792198035, which accounts for **range** = 0.355692443087528. It has a **skewness** of 1.80674534518445, a **kurtosis** of 8.227465914623, and a **standard error** of 0.000196459758342224.

The **V_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.60630125644743, **median** = 2.61958780886129, **standard deviation** = 0.17526329532968, **min value** = 1.39879947145999, **max value** = 3.41322506004132, which accounts for **range** = 2.01442558858133. It has a **skewness** of -0.680274729913382, a **kurtosis** of 1.48193127134306, and a **standard error** of 0.00153280438021262.

The **V_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00510322212356, **median** = 1.00255190726296, **standard deviation** = 0.177889193093678, **min value** = 0.295103081728662, **max value** = 2.27544510973313, which accounts for **range** = 1.98034202800447. It has a **skewness** of 0.0232473296373227, a **kurtosis** of 0.242342515180863, and a **standard error** of 0.00155576975688818.

The **V_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.698876545865074, **median** = 0.696774358989534, **standard deviation** = 0.0251693659816026, **min value** = 0.579968046675156, **max value** = 0.876211864850363, which accounts for **range** = 0.296243818175207. It has a **skewness** of 0.71895898569432, a **kurtosis** of 1.4585331242988, and a **standard error** of 0.000220124324098804.

The **V_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.465080450340242, **median** = 0.457742875690216, **standard deviation** = 0.0507783006734885, **min value** = 0.339289194304688, **max value** = 0.871653340130164, which accounts for **range** = 0.532364145825476. It has a **skewness** of 1.25109897613015, a **kurtosis** of 3.86157323796663, and a **standard error** of 0.000444092994746377.

The **V_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.941065531750123, **median** = 0.935720609339052, **standard deviation** = 0.160142937327871, **min value** = 0.284921623329079, **max value** = 2.48307070053501, which accounts for **range** = 2.19814907720593. It has a **skewness** of 0.259410756051366, a **kurtosis** of 1.12433542592137, and a **standard error** of 0.00140056590476937.

The **V_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.62116295148906, **median** = 8.64969765115427, **standard deviation** = 0.801823352973647, **min**

value = 4.49572270740622, **max value** = 11.9004503864243, which accounts for **range** = 7.40472767901808. It has a **skewness** of -0.323385880477989, a **kurtosis** of 0.901655403938566, and a **standard error** of 0.0070125256134371.

The **V_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.76595104569126, **median** = 2.74224923485589, **standard deviation** = 0.503559573755856, **min value** = 0.815690814331325, **max value** = 7.612661429744, which accounts for **range** = 6.79697061541267. It has a **skewness** of 0.605237909560982, a **kurtosis** of 2.86392518775193, and a **standard error** of 0.00440399296897314.

The **V_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.90555033854093, **median** = 1.91183880382263, **standard deviation** = 0.0971269118667844, **min value** = 1.16211572033959, **max value** = 2.36171881928309, which accounts for **range** = 1.1996030989435. It has a **skewness** of -0.622859158602193, a **kurtosis** of 1.80940342627916, and a **standard error** of 0.000849445148602773.

The **V_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.508745322341793, **median** = 0.508053498033233, **standard deviation** = 0.071486611820606, **min value** = 0.226612948970816, **max value** = 0.954505076454237, which accounts for **range** = 0.727892127483421. It has a **skewness** of 0.00827330783670146, a **kurtosis** of 0.20196804557335, and a **standard error** of 0.000625202165228419.

The **V_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00661124485792, **median** = 1.01066737498232, **standard deviation** = 0.0649541994756306, **min value** = 0.611593965171206, **max value** = 1.31200810834045, which accounts for **range** = 0.700414143169244. It has a **skewness** of -0.534035791589475, a **kurtosis** of 0.946156105839211, and a **standard error** of 0.000568071490851343.

The **V_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.105095209858997, **median** = -0.10058846919134, **standard deviation** = 0.0231749217255626, **min value** = -0.431018210302965, **max value** = -0.0583982445326541, which accounts for **range** = 0.372619965770311. It has a **skewness** of -2.61594217272026, a **kurtosis** of 17.3763800358937, and a **standard error** of 0.000202681465421535.

The **V_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.478737788649637, **median** = 0.47248290735254, **standard deviation** = 0.04633185656979, **min value** = 0.353938720092798, **max value** = 0.867271387108419, which accounts for **range** = 0.513332667015621. It has a **skewness** of 1.19694653436501, a **kurtosis** of 3.76777771144971, and a **standard error** of 0.000405205622546173.

The **V_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.730567203945382, **median** = 0.725724885054133, **standard deviation** = 0.0785168633913651, **min value** = 0.480502626598494, **max value** = 1.09479933312294, which accounts for **range** = 0.614296706524446. It has a **skewness** of 0.349035849203308, a **kurtosis** of 0.150559557838699, and a **standard error** of 0.000686686803990835.

The **V_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.209877901356494, **median** = 0.20382306026364, **standard deviation** = 0.0426838316907896, **min value** = 0.0923052673415624, **max value** = 0.608733649203875, which accounts for **range** = 0.516428381862313. It has a **skewness** of 1.31475049320442, a **kurtosis** of 3.81281552318975, and a **standard error** of 0.000373301004393592.

The **V_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.730276646995996, **median** = 0.546106961147957, **standard deviation** = 1.08224411082506, **min value** = -4.10155805437178, **max value** = 18.404727819852, which accounts for **range** = 22.5062858742238. It has a **skewness** of 3.51625152284237, a **kurtosis** of 28.810634847327, and a **standard error** of 0.00946500812056249.

The **V_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 26.188612124385, **median** = 25.100993217227, **standard deviation** = 9.24817121257131, **min value** = 6.49302047992588, **max value** = 186.999123585701, which accounts for **range** = 180.506103105775. It has a **skewness** of 2.52528324126741, a **kurtosis** of 23.9555598851442, and a **standard error** of 0.0808819514486496.

The **V_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00157886505629696, **median** = 0.00151624782296868, **standard deviation** = 0.00993903952683666, **min value** = -0.0544450499800822, **max value** = 0.0783726520606716, which accounts for **range** = 0.132817702040754. It has a **skewness** of 0.0828666373073359, a **kurtosis** of 2.03690592903258, and a **standard error** of 8.69240949349059e-05.

The **V_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.92041560404491, **median** = 2.92237401749571, **standard deviation** = 0.314750754982568, **min value** = 1.65316311710413, **max value** = 4.14746166099236, which accounts for **range** = 2.49429854388823. It has a **skewness** of 0.0306841936052756, a **kurtosis** of -0.271785269285617, and a **standard error** of 0.00275272318145673.

The **V_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00283186847780854, **median** = 0.0026385071674841, **standard deviation** = 0.0104112095308228, **min value** = -0.0519934588828548, **max value** = 0.0632233397164273, which accounts for **range** = 0.115216798599282. It has a **skewness** of 0.0265938966297268, a **kurtosis** of 1.31931183966034, and a **standard error** of 9.10535633952216e-05.

The **V_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.16740716638446, **median** = 3.16970874672882, **standard deviation** = 0.312005520307249, **min value** = 1.81867835177583, **max value** = 4.38177770857382, which accounts for **range** = 2.56309935679799. It has a **skewness** of -0.0852054844607454, a **kurtosis** of 0.113386606350901, and a **standard error** of 0.00272871411711086.

The **V_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.6128439810753e-05, **median** = 3.6377969445408e-05, **standard deviation** = 0.00198874337704278, **min value** = -0.0205850603520066, **max value** = 0.0134085059293264, which accounts for **range** = 0.033993566281333. It has a **skewness** of -0.257050967623527, a **kurtosis** of 3.45126063380398, and a **standard error** of 1.73930003639146e-05.

The **V_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.0963715264969, **median** = 1.08709066604999, **standard deviation** = 0.243793382079406, **min value** = 0.478774418804142, **max value** = 2.00046956663401, which accounts for **range** = 1.52169514782987. It has a **skewness** of 0.225303260520635, a **kurtosis** of -0.610761430616463, and a **standard error** of 0.00213214959364557.

The **V_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00724888236128251, **median** = 0.00224562952195463, **standard deviation** = 0.0288851921085745, **min value** = -0.132490455190459, **max value** = 0.155977432937831, which accounts for **range** = 0.28846788812829. It has a **skewness** of 0.953407411945077, a **kurtosis** of 1.54353178692546, and a **standard error** of 0.000252621913242139.

The **V_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.34008886095005, **median** = 3.33770492920342, **standard deviation** = 0.259535305669261, **min value** = 2.19534074064778, **max value** = 4.80328220300005, which accounts for **range** = 2.60794146235227. It has a **skewness** of 0.0112272314154862, a **kurtosis** of 0.296044068231978, and a **standard error** of 0.00226982411007021.

The **V_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0163967671964763, **median** = 0.00864413745023979, **standard deviation** = 0.0362830641617813, **min value** = -0.104436057131836, **max value** = 0.271756473791057, which accounts for **range** = 0.376192530922893. It has a **skewness** of 1.18972216348462, a **kurtosis** of 2.15910237076078, and a **standard error** of 0.00031732165922191.

The **V_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.53077857239883, **median** = 3.5262225531551, **standard deviation** = 0.298478599299968, **min value** = 2.25365468611695, **max value** = 5.33992993239597, which accounts for **range** = 3.08627524627902. It has a **skewness** of 0.167071564339869, a **kurtosis** of 0.535480628453947, and a **standard error** of 0.00261041140157793.

The **V_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00444377520788202, **median** = 0.00382048853208395, **standard deviation** = 0.0097475232337631, **min value** = -0.042072836949619, **max value** = 0.0537468461088712, which accounts for **range** = 0.0958196830584902. It has a **skewness** of 0.328990586345868, a **kurtosis** of 0.996884502775133, and a **standard error** of 8.52491463248558e-05.

The **V_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.40253328167637, **median** = 2.39199687721695, **standard deviation** = 0.286521663308823, **min value** = 1.30456440983073, **max value** = 3.59946154940289, which accounts for **range** = 2.29489713957216. It has a **skewness** of 0.197289024543662, a **kurtosis** of -0.0213958547499846, and a **standard error** of 0.00250583934142881.

The **V_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 159.251944669723, **median** = 169.768250945125, **standard deviation** = 45.4234356042407, **min value** = 0, **max value** = 227.791332718633, which accounts for **range** = 227.791332718633. It has a **skewness** of -3.03069028102651, a **kurtosis** of 7.91176861769836, and a **standard error** of 0.397260823651163.

The **V_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.73899176046202, **median** = 8.74617505729921, **standard deviation** = 3.24481130757306, **min value** = 0, **max value** = 37.7877673934994, which accounts for **range** = 37.7877673934994. It has a **skewness** of -0.399738350800559, a **kurtosis** of 4.57086780463395, and a **standard error** of 0.028378223608404.

The **V_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.043091170443209, **median** = -0.0745992271124201, **standard deviation** = 0.385480152598775, **min value** = -2.65047999210389, **max value** = 2.77091212220171, which accounts for **range** = 5.4213921143056. It has a **skewness** of 1.54505872092157, a **kurtosis** of 7.96694550693528, and a **standard error** of 0.00337130296036588.

The **V_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.43244201379182, **median** = 0.257505768542655, **standard deviation** = 1.07285873984464, **min value** = -1.54545918461191, **max value** = 17.1627847106301, which accounts for **range** = 18.708243895242. It has a **skewness** of 5.53122438722317, a **kurtosis** of 47.0634522882618, and a **standard error** of 0.00938292625783333.

The **V_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.105342229461789, **median** = 0.0353603162024987, **standard deviation** = 0.249293947746675, **min value** = 0.00902146385506987, **max value** = 1, which accounts for **range** = 0.99097853614493. It has a **skewness** of 3.30186259641312, a **kurtosis** of 8.93237852502367, and a **standard error** of 0.00218025602193437.

The **V_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.72394822745646, **median** = 5.06854646404973, **standard deviation** = 1.36671815933263, **min value** = 0, **max value** = 6.88738558995503, which accounts for **range** = 6.88738558995503. It has a **skewness** of -2.9191189141326, a **kurtosis** of 7.3238202450166, and a **standard error** of 0.0119529395884092.

The **V_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.154485461339379, **median** = 0.0833100612937601, **standard deviation** = 0.23890731850112, **min value** = 0.0290912938421566, **max value** = 1, which accounts for **range** = 0.970908706157843. It has a **skewness** of 3.16266926097649, a **kurtosis** of 8.30669382678775, and a **standard error** of 0.00208941743092601.

The **V_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.62863812307117, **median** = 2.82919970546541, **standard deviation** = 0.805292884167918, **min value** = 0, **max value** = 3.7357829720896, which accounts for **range** = 3.7357829720896. It has a **skewness** of -2.42231114641853, a **kurtosis** of 5.33248197338984, and a **standard error** of 0.00704286917511588.

The **V_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.64247746583042, **median** = 1.3668622803708, **standard deviation** = 1.49656560157589, **min value** = 0, **max value** = 23.0416666666667, which accounts for **range** = 23.0416666666667. It has a **skewness** of 3.57446376460881, a **kurtosis** of 23.4444114712367, and a **standard error** of 0.0130885494595775.

The **V_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.679245284244689, **median** = 0.657727055834678, **standard deviation** = 0.124770205927012, **min value** = 0.281762566137566, **max value** = 1, which accounts for **range** = 0.718237433862434. It has a **skewness** of 0.890301107904039, a **kurtosis** of 1.14751518683035, and a **standard error** of 0.00109120576447684.

The **V_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.43570374549464, **median** = 0.414085130103459, **standard deviation** = 0.22335997763131, **min value** = -0.449044732191978, **max value** = 0.983015669768384, which accounts for **range** = 1.43206040196036. It has a **skewness** of 0.0245755790830763, a **kurtosis** of 0.0101849305452832, and a **standard error** of 0.0019534446812349.

The **V_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.43848951620604, **median** = 1.3286029978708, **standard deviation** = 0.787543487376483, **min value** = 0, **max value** = 7.35998263888889, which accounts for **range** = 7.35998263888889. It has a **skewness** of 1.44934038405526, a **kurtosis** of 6.03706878412714, and a **standard error** of 0.00688763785245436.

The **V_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.74747963694412, **median** = 9.22377129955524, **standard deviation** = 2.14260114294869, **min value** = 2, **max value** = 13.5596503355628, which accounts for **range** = 11.5596503355628. It has a **skewness** of -2.09828885137981, a **kurtosis** of 4.33100699288392, and a **standard error** of 0.0187385978951415.

The **V_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.19724794052376, **median** = 3.90296094203086, **standard deviation** = 2.19327922205155, **min value** = 0, **max value** = 23.1926727250053, which accounts for **range** = 23.1926727250053. It has a **skewness** of 1.03933801499981, a **kurtosis** of 4.0791291417725, and a **standard error** of 0.0191818143797084.

The **V_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.91444602791747, **median** = 2.0539298849857, **standard deviation** = 0.560722646079436, **min value** = 0, **max value** = 2.64333516490199, which accounts for **range** = 2.64333516490199. It has a **skewness** of -2.80441673087386, a **kurtosis** of 6.86229472981895, and a **standard error** of 0.00490392541335161.

The **V_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.719019515309984, **median** = 0.655264664970983, **standard deviation** = 0.483976199187366, **min value** = 0, **max value** = 5.73715277777778, which accounts for **range** = 5.73715277777778. It has a **skewness** of 1.97850393032738, a **kurtosis** of 8.45740307690619, and a **standard error** of 0.0042327221831451.

The **V_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.04116771208677, **median** = 1.11776769441662, **standard deviation** = 0.357095458078642, **min value** = 0, **max value** = 1.77652815001503, which accounts for **range** = 1.77652815001503. It has a **skewness** of -1.58148601626008, a **kurtosis** of 2.6081841231686, and a **standard error** of 0.00312305826081475.

The **V_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.163335541488768, **median** = -0.112877183132094, **standard deviation** = 0.13555139415802, **min value** = -0.939436036545154, **max value** = 0, which accounts for **range** = 0.939436036545154. It has a **skewness** of -1.60987060764716, a **kurtosis** of 2.72039008550687, and a **standard error** of 0.0011854950594105.

The **V_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.544653944617081, **median** = 0.529945717422239, **standard deviation** = 0.214132883246664, **min value** = 0, **max value** = 0.975738441236343, which accounts for **range** = 0.975738441236343. It has a **skewness** of -0.662542935937067, a **kurtosis** of 0.90640455110929, and a **standard error** of 0.0018727470619027.

The **V_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.629006940457985, **median** = 0.631089389078021, **standard deviation** = 0.243852326445566, **min value**

= 0, **max value** = 1.14194711362812, which accounts for **range** = 1.14194711362812. It has a **skewness** of -0.867272260779307, a **kurtosis** of 0.974313566658956, and a **standard error** of 0.00213266510479392.

The **V_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.232381637347213, **median** = 0.166611509184536, **standard deviation** = 0.223101272674166, **min value** = 0.0605035624654159, **max value** = 1, which accounts for **range** = 0.939496437534584. It has a **skewness** of 2.88250836717585, a **kurtosis** of 7.13069333841512, and a **standard error** of 0.00195118211912372.

The **V_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0814021175825263, **median** = -0.480862675370918, **standard deviation** = 5.15764278877064, **min value** = -61.0043560642447, **max value** = 75.5951939087319, which accounts for **range** = 136.599549972977. It has a **skewness** of 2.18970487573445, a **kurtosis** of 24.4469434283016, and a **standard error** of 0.0451073194950983.

The **V_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 66.3238525431632, **median** = 50.1283154060029, **standard deviation** = 60.6351938721068, **min value** = 0, **max value** = 868.332967876544, which accounts for **range** = 868.332967876544. It has a **skewness** of 3.0785144075735, a **kurtosis** of 16.8872232312601, and a **standard error** of 0.530298660580229.

The **V_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00126655729948431, **median** = 0, **standard deviation** = 0.192172743767287, **min value** = -3.35337249104245, **max value** = 4.08162871191532, which accounts for **range** = 7.43500120295777. It has a **skewness** of 2.41996372404791, a **kurtosis** of 93.6824658560674, and a **standard error** of 0.00168068974653183.

The **V_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.87176534925322, **median** = 2.94487098194436, **standard deviation** = 1.22628796519985, **min value** = 0, **max value** = 9.15794322049724, which accounts for **range** = 9.15794322049724. It has a **skewness** of -0.305554074075238, a **kurtosis** of 1.10423825843163, and a **standard error** of 0.0107247758917496.

The **V_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0121745204321024, **median** = -0.00143818858273082, **standard deviation** = 0.221191191626399, **min value** = -6.39019184006163, **max value** = 5.08095990065211, which accounts for **range** = 11.4711517407137. It has a **skewness** of -3.38394230440739, a **kurtosis** of 158.321548130651, and a **standard error** of 0.00193447707776824.

The **V_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.95691880302036, **median** = 3.01675283531244, **standard deviation** = 1.29476636302724, **min value** = 0, **max value** = 10.7253161882008, which accounts for **range** = 10.7253161882008. It has a **skewness** of -0.136772421937666, a **kurtosis** of 1.41216470617489, and a **standard error** of 0.0113236690481423.

The **V_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00132204921067812, **median** = 0, **standard deviation** = 0.0499281111978295, **min value** = -1.17631906049792, **max value** = 0.890628064481112, which accounts for **range** = 2.06694712497903. It has a **skewness** of -0.298181365885102, a **kurtosis** of 103.400257973851, and a **standard error** of 0.000436657472380731.

The **V_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.07197147060503, **median** = 1.04590429834657, **standard deviation** = 0.527611334703157, **min value** = 0, **max value** = 6.33343207337167, which accounts for **range** = 6.33343207337167. It has a **skewness** of 0.585312640070631, a **kurtosis** of 3.23408382432155, and a **standard error** of 0.00461434302807994.

The **V_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.251367659699642, **median** = 0.123463189370473, **standard deviation** = 0.512887471595782, **min value** = -4.81562443747315, **max value** = 12.2770243580215, which accounts for **range** = 17.0926487954947. It has a **skewness** of 5.09716668142568, a **kurtosis** of 69.2496718171185, and a **standard error** of 0.00448557218748731.

The **V_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= 3.07478344234932, **median** = 3.15561385805795, **standard deviation** = 1.14451412877445, **min value** = 0, **max value** = 10.7016109512977, which accounts for **range** = 10.7016109512977. It has a **skewness** of -0.753908151988401, a **kurtosis** of 2.65762199815107, and a **standard error** of 0.0100096045010493.

The **V_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.261796180201443, **median** = 0.123464514056513, **standard deviation** = 0.572450826936575, **min value** = -5.93981363537751, **max value** = 17.2891611601636, which accounts for **range** = 23.2289747955411. It has a **skewness** of 6.30059841916066, a **kurtosis** of 101.799786663595, and a **standard error** of 0.00500649684427178.

The **V_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.25186528317734, **median** = 3.31835108731629, **standard deviation** = 1.24691818041696, **min value** = 0, **max value** = 12.215407319388, which accounts for **range** = 12.215407319388. It has a **skewness** of -0.557230321298044, a **kurtosis** of 2.56539981221984, and a **standard error** of 0.0109052020567948.

The **V_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0277017682229982, **median** = 0.00654499125970636, **standard deviation** = 0.202593768117385, **min value** = -3.47768571440592, **max value** = 4.93497979829153, which accounts for **range** = 8.41266551269745. It has a **skewness** of 3.33805596444907, a **kurtosis** of 83.5616106666887, and a **standard error** of 0.00177182914762597.

The **V_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.30322964383087, **median** = 2.38347196919715, **standard deviation** = 0.947486747353968, **min value** = 0, **max value** = 9.11561102627712, which accounts for **range** = 9.11561102627712. It has a **skewness** of -0.439102001817586, a **kurtosis** of 1.47581482368626, and a **standard error** of 0.00828645743426019.

The **V_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 144.282153693713, **median** = 143.167069312059, **standard deviation** = 10.453773184427, **min value** = 117.570870535714, **max value** = 195.906557132188, which accounts for **range** = 78.335686596474. It has a **skewness** of 0.630908781757418, a **kurtosis** of 0.420943705480643, and a **standard error** of 0.0914258133552583.

The **V_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 16.0694735104221, **median** = 15.2653308993898, **standard deviation** = 4.50131273737901, **min value** = 8.81905719867153, **max value** = 46.9027042169426, which accounts for **range** = 38.0836470182711. It has a **skewness** of 1.4449433707562, a **kurtosis** of 2.93204502479863, and a **standard error** of 0.0393672381178432.

The **V_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.714867063999843, **median** = 0.733207347513441, **standard deviation** = 0.36459307050974, **min value** = -0.753757041803396, **max value** = 2.74176323469917, which accounts for **range** = 3.49552027650257. It has a **skewness** of 0.0551538036510807, a **kurtosis** of 0.444769202979421, and a **standard error** of 0.00318863030859524.

The **V_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.369741498239849, **median** = 0.259267968924796, **standard deviation** = 1.27019233160276, **min value** = -1.74568656518714, **max value** = 11.7671853833399, which accounts for **range** = 13.512871948527. It has a **skewness** of 0.926322371785048, a **kurtosis** of 2.57171920205112, and a **standard error** of 0.0111087513556723.

The **V_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0226592288507526, **median** = 0.0224630473291191, **standard deviation** = 0.00479465984746787, **min value** = 0.00845375651363724, **max value** = 0.0472742197464924, which accounts for **range** = 0.0388204632328552. It has a **skewness** of 0.139715989574863, a **kurtosis** of -0.638886151688421, and a **standard error** of 4.19327709318937e-05.

The **V_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.79153710607788, **median** = 5.7907970994272, **standard deviation** = 0.276835168806269, **min value** = 5.01100022580176, **max value** = 7.02899475775789, which accounts for **range** = 2.01799453195613.

It has a **skewness** of 0.338568848523831, a **kurtosis** of -0.0417754068410896, and a **standard error** of 0.0024211239355334.

The **V_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.11988807849149, **median** = 0.116216092545046, **standard deviation** = 0.0274424852666426, **min value** = 0.062376566138508, **max value** = 0.417508387949991, which accounts for **range** = 0.355131821811483. It has a **skewness** of 1.1674319282613, a **kurtosis** of 3.51339302332497, and a **standard error** of 0.000240004397620764.

The **V_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.56217688505555, **median** = 2.57462313663671, **standard deviation** = 0.178873821430193, **min value** = 1.67578309621623, **max value** = 3.03109875922294, which accounts for **range** = 1.35531566300671. It has a **skewness** of -0.49235389552753, a **kurtosis** of 0.366251290007552, and a **standard error** of 0.00156438104440421.

The **V_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.673346770628386, **median** = 0.690753719959951, **standard deviation** = 0.148976053225185, **min value** = 0.208071068137602, **max value** = 1.25109652528447, which accounts for **range** = 1.04302545714687. It has a **skewness** of -0.370526577938318, a **kurtosis** of -0.105854299641665, and a **standard error** of 0.00130290342025585.

The **V_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.756430322978455, **median** = 0.749757344683804, **standard deviation** = 0.0334469899863786, **min value** = 0.671417683630107, **max value** = 0.90099910462121, which accounts for **range** = 0.229581420991103. It has a **skewness** of 0.956768975526262, a **kurtosis** of 0.736581363682733, and a **standard error** of 0.000292518137694553.

The **V_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.742688202681929, **median** = 0.758108147958909, **standard deviation** = 0.123665370180959, **min value** = 0.366732302146751, **max value** = 0.98015645491348, which accounts for **range** = 0.613424152766729. It has a **skewness** of -0.498246727959787, a **kurtosis** of -0.335117234187632, and a **standard error** of 0.00108154317615348.

The **V_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.57437257730202, **median** = 1.44255144409999, **standard deviation** = 0.672207178039007, **min value** = 0.450155348285012, **max value** = 5.91079380665778, which accounts for **range** = 5.46063845837277. It has a **skewness** of 1.28779342974587, a **kurtosis** of 2.40191068562773, and a **standard error** of 0.00587893834228315.

The **V_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 7.85192252142414, **median** = 7.84839505056463, **standard deviation** = 0.808477033634915, **min value** = 4.6691836178896, **max value** = 11.7021556627007, which accounts for **range** = 7.0329720448111. It has a **skewness** of -0.0189846485407504, a **kurtosis** of 0.105656703684053, and a **standard error** of 0.00707071686701899.

The **V_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.65020564950932, **median** = 5.08943849449893, **standard deviation** = 2.76074504358918, **min value** = 1.33932872101983, **max value** = 23.4495136021462, which accounts for **range** = 22.1101848811264. It has a **skewness** of 1.32513965752794, a **kurtosis** of 2.46625997527113, and a **standard error** of 0.0241447137434209.

The **V_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.05220063822504, **median** = 2.06441038979382, **standard deviation** = 0.164925269334117, **min value** = 1.34029642189254, **max value** = 2.46954573549128, which accounts for **range** = 1.12924931359874. It has a **skewness** of -0.365967218333578, a **kurtosis** of -0.491004760864292, and a **standard error** of 0.0014423908598064.

The **V_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.378874712557418, **median** = 0.386895025951852, **standard deviation** = 0.0626010644131993, **min value**

= 0.166973003546041, **max value** = 0.621109222885757, which accounts for **range** = 0.454136219339716. It has a **skewness** of -0.424911463995842, a **kurtosis** of -0.034024263716196, and a **standard error** of 0.000547491621437489.

The **V_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.868074603824121, **median** = 0.884785963851976, **standard deviation** = 0.0806280651548689, **min value** = 0.511766895408573, **max value** = 1.09544872283435, which accounts for **range** = 0.583681827425777. It has a **skewness** of -0.927341597919802, a **kurtosis** of 0.649377463841684, and a **standard error** of 0.00070515079158461.

The **V_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.282998053416774, **median** = -0.268368783869509, **standard deviation** = 0.108643027863476, **min value** = -0.676529711930994, **max value** = -0.0767887305214628, which accounts for **range** = 0.599740981409531. It has a **skewness** of -0.640398003196569, a **kurtosis** of 0.0150058617939344, and a **standard error** of 0.000950161918817332.

The **V_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.728934287000033, **median** = 0.741129413716515, **standard deviation** = 0.115006533108915, **min value** = 0.388758287742359, **max value** = 0.950865481354708, which accounts for **range** = 0.562107193612349. It has a **skewness** of -0.396266986099832, a **kurtosis** of -0.501305876587325, and a **standard error** of 0.00100581537834727.

The **V_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.979676405959926, **median** = 1.00003305164915, **standard deviation** = 0.0914375496155358, **min value** = 0.529076723994934, **max value** = 1.2094925275944, which accounts for **range** = 0.680415803599466. It has a **skewness** of -1.10141085205051, a **kurtosis** of 1.39208786913026, and a **standard error** of 0.000799687557528578.

The **V_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.241935926045201, **median** = 0.235958617626272, **standard deviation** = 0.0547431410110732, **min value** = 0.104618229866025, **max value** = 0.636793391803376, which accounts for **range** = 0.532175161937351. It has a **skewness** of 0.683499491125237, a **kurtosis** of 1.10182886224437, and a **standard error** of 0.000478768393407926.

The **V_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.27209350886772, **median** = 8.65047883538131, **standard deviation** = 6.36119696504463, **min value** = -50.9980241792536, **max value** = 52.2521362564214, which accounts for **range** = 103.250160435675. It has a **skewness** of 0.577457835144739, a **kurtosis** of 4.6184746646858, and a **standard error** of 0.0556332719470692.

The **V_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 100.733010927227, **median** = 85.5492181083955, **standard deviation** = 69.7740932210221, **min value** = 8.11945537986806, **max value** = 755.916985069426, which accounts for **range** = 747.797529689558. It has a **skewness** of 2.056689736457, a **kurtosis** of 6.74186172171314, and a **standard error** of 0.610224950485879.

The **V_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00409797802372943, **median** = 0.00311509050083265, **standard deviation** = 0.00876047673593104, **min value** = -0.0520187355914865, **max value** = 0.0642769059188029, which accounts for **range** = 0.116295641510289. It has a **skewness** of 0.542364844867815, a **kurtosis** of 2.84596422970242, and a **standard error** of 7.66167102377415e-05.

The **V_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.02379646786987, **median** = 3.04772728492594, **standard deviation** = 0.368585484109759, **min value** = 1.56033737743328, **max value** = 4.74853334155602, which accounts for **range** = 3.18819596412274. It has a **skewness** of -0.292507255445284, a **kurtosis** of 0.434821003860199, and a **standard error** of 0.0032235468553954.

The **V_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0034848772467975, **median** = 0.0027684516964323, **standard deviation** = 0.00878155132353461,

min value = -0.0439956068527339, **max value** = 0.0551337895123645, which accounts for **range** = 0.0991293963650984. It has a **skewness** of 0.449262131779597, a **kurtosis** of 2.73927866313993, and a **standard error** of 7.68010227609607e-05.

The **V_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.22714007503663, **median** = 3.26440223084681, **standard deviation** = 0.395129975448494, **min value** = 1.55431314359668, **max value** = 4.63575949668267, which accounts for **range** = 3.08144635308599. It has a **skewness** of -0.476596351650513, a **kurtosis** of 0.525576102334613, and a **standard error** of 0.00345569764611284.

The **V_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -3.06258488988561e-05, **median** = -2.89996711294134e-05, **standard deviation** = 0.00193808715640718, **min value** = -0.0189812039593438, **max value** = 0.0182700834658389, which accounts for **range** = 0.0372512874251827. It has a **skewness** of 0.147692641256784, a **kurtosis** of 5.29106883475087, and a **standard error** of 1.6949975047466e-05.

The **V_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.13654028038919, **median** = 1.12948010085377, **standard deviation** = 0.260425075572903, **min value** = 0.45789823986093, **max value** = 2.0656566437259, which accounts for **range** = 1.60775840386497. It has a **skewness** of 0.219609710292624, a **kurtosis** of -0.493083521265914, and a **standard error** of 0.00227760579192846.

The **V_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0216691891718125, **median** = 0.0227688809680325, **standard deviation** = 0.0288260364863212, **min value** = -0.187935551926726, **max value** = 0.146890568710452, which accounts for **range** = 0.334826120637178. It has a **skewness** of -0.700763945928956, a **kurtosis** of 2.55184409232297, and a **standard error** of 0.000252104554506338.

The **V_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.3874560422302, **median** = 3.40657027358742, **standard deviation** = 0.316521682419641, **min value** = 2.09333924387858, **max value** = 4.94229236184663, which accounts for **range** = 2.84895311796805. It has a **skewness** of -0.264722466681889, a **kurtosis** of 0.255113323668042, and a **standard error** of 0.00276821122376176.

The **V_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0177712216999498, **median** = 0.0197593845190199, **standard deviation** = 0.031274096278207, **min value** = -0.208007147512156, **max value** = 0.154617464350185, which accounts for **range** = 0.362624611862341. It has a **skewness** of -0.879949405027397, a **kurtosis** of 3.13702897186427, and a **standard error** of 0.000273514609389573.

The **V_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.58467022360393, **median** = 3.59464426014992, **standard deviation** = 0.365366091430454, **min value** = 2.08790715936499, **max value** = 5.31437467033374, which accounts for **range** = 3.22646751096875. It has a **skewness** of -0.137873849372773, a **kurtosis** of 0.329955636146132, and a **standard error** of 0.00319539093609022.

The **V_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00536801853578924, **median** = 0.00481112128551884, **standard deviation** = 0.00824828362781553, **min value** = -0.0488804018846917, **max value** = 0.0558926584249427, which accounts for **range** = 0.104773060309634. It has a **skewness** of 0.232049225098745, a **kurtosis** of 2.22368217213656, and a **standard error** of 7.21372107614971e-05.

The **V_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.44523623482652, **median** = 2.45941515851914, **standard deviation** = 0.330873249782058, **min value** = 1.29970880849107, **max value** = 3.65593718867565, which accounts for **range** = 2.35622838018458. It has a **skewness** of -0.195254855163735, a **kurtosis** of 0.0532747698281506, and a **standard error** of 0.00289372606858223.

The **u_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

62.3555547627307, **median** = 62.2986334987985, **standard deviation** = 2.01682117292407, **min value** = 53.8971514524772, **max value** = 74.6466908544977, which accounts for **range** = 20.7495394020205. It has a **skewness** of 0.24651441047453, a **kurtosis** of 0.657848904807787, and a **standard error** of 0.0176385610127236.

The **u_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.02697059318835, **median** = 3.03317694241089, **standard deviation** = 0.325317544965376, **min value** = 1.30313451737083, **max value** = 4.67694430661427, which accounts for **range** = 3.37380978924344. It has a **skewness** of -0.291487219791943, a **kurtosis** of 0.978828138017947, and a **standard error** of 0.0028451374085199.

The **u_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0857774053166776, **median** = 0.0773408515660269, **standard deviation** = 0.305158030745195, **min value** = -1.69530199661917, **max value** = 1.44202046917801, which accounts for **range** = 3.13732246579718. It has a **skewness** of -0.0466857143721967, a **kurtosis** of 0.162952440472064, and a **standard error** of 0.00266882786440499.

The **u_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.404141018138401, **median** = 0.312053432232938, **standard deviation** = 0.50944837306786, **min value** = -0.687660394935093, **max value** = 7.97318512064803, which accounts for **range** = 8.66084551558312. It has a **skewness** of 2.37363158834394, a **kurtosis** of 15.1452138920561, and a **standard error** of 0.00445549478150413.

The **u_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0980648263402639, **median** = 0.0959917928228246, **standard deviation** = 0.0145281499659446, **min value** = 0.0638250363623845, **max value** = 0.354520585137344, which accounts for **range** = 0.29069554877496. It has a **skewness** of 2.32055613342699, a **kurtosis** of 16.911551425523, and a **standard error** of 0.000127059187505842.

The **u_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.61263749224311, **median** = 3.62901294255566, **standard deviation** = 0.16869065595086, **min value** = 2.11348021505066, **max value** = 4.14411300869296, which accounts for **range** = 2.0306327936423. It has a **skewness** of -1.03714289757776, a **kurtosis** of 3.31496293863851, and a **standard error** of 0.00147532189130664.

The **u_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.118484909178403, **median** = 0.112294209461313, **standard deviation** = 0.0295129100689595, **min value** = 0.0527225900791421, **max value** = 0.474701267421842, which accounts for **range** = 0.4219786773427. It has a **skewness** of 2.01822147206319, a **kurtosis** of 8.77843935186672, and a **standard error** of 0.00025811176117297.

The **u_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.57998550901998, **median** = 2.59924425335491, **standard deviation** = 0.184937448810746, **min value** = 1.22867529625101, **max value** = 3.28786163580512, which accounts for **range** = 2.05918633955411. It has a **skewness** of -0.75389649085308, a **kurtosis** of 1.3771357728978, and a **standard error** of 0.00161741185494218.

The **u_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.838216243222149, **median** = 0.836499247240368, **standard deviation** = 0.135552609977106, **min value** = 0.242013777024233, **max value** = 1.93883911800804, which accounts for **range** = 1.69682534098381. It has a **skewness** of 0.080375475485728, a **kurtosis** of 0.595897818828706, and a **standard error** of 0.00118550569262847.

The **u_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.744146256863304, **median** = 0.741997251622303, **standard deviation** = 0.0224832451952181, **min value** = 0.645575372126659, **max value** = 0.898433211462019, which accounts for **range** = 0.25285783933536. It has a **skewness** of 0.705957292654266, a **kurtosis** of 1.44859667114244, and a **standard error** of 0.000196632253500648.

The **u_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.602127716568111, **median** = 0.599185004369776, **standard deviation** = 0.0454939070882036, **min value** = 0.435463077017859, **max value** = 0.81483585133021, which accounts for **range** = 0.379372774312351. It has a **skewness** of 0.260746177926898, a **kurtosis** of 0.0731913560033091, and a **standard error** of 0.000397877147788486.

The **u_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.06752317123944, **median** = 1.05397924000328, **standard deviation** = 0.214427785689549, **min value** = 0.242777851894246, **max value** = 2.65616505574636, which accounts for **range** = 2.41338720385211. It has a **skewness** of 0.292951434084018, a **kurtosis** of 0.438871811112358, and a **standard error** of 0.00187532619722786.

The **u_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.41358051871971, **median** = 8.42016930406158, **standard deviation** = 0.871930967343356, **min value** = 4.96136486907775, **max value** = 11.7545971228537, which accounts for **range** = 6.79323225377595. It has a **skewness** of -0.0241725106564851, a **kurtosis** of -0.0264647529353335, and a **standard error** of 0.00762566744778414.

The **u_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.43571598753065, **median** = 3.37343071819609, **standard deviation** = 0.752148492181197, **min value** = 0.726859067541604, **max value** = 8.4144457146219, which accounts for **range** = 7.6875866470803. It has a **skewness** of 0.406984060071465, a **kurtosis** of 0.478068215848746, and a **standard error** of 0.00657808299916414.

The **u_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.98282378207498, **median** = 1.99239629539808, **standard deviation** = 0.12201581212523, **min value** = 1.0415012946671, **max value** = 2.40571094066923, which accounts for **range** = 1.36420964600213. It has a **skewness** of -0.704508681732585, a **kurtosis** of 1.53914288582526, and a **standard error** of 0.00106711659694031.

The **u_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.483560173150126, **median** = 0.481455510139982, **standard deviation** = 0.0631530381943003, **min value** = 0.195649435853274, **max value** = 1.02706612531677, which accounts for **range** = 0.831416689463496. It has a **skewness** of 0.186130026918359, a **kurtosis** of 0.746296529938704, and a **standard error** of 0.000552319031693827.

The **u_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.950181752108431, **median** = 0.953088766394817, **standard deviation** = 0.057753804738779, **min value** = 0.542825680180611, **max value** = 1.24070181681247, which accounts for **range** = 0.697876136631859. It has a **skewness** of -0.482830489214158, a **kurtosis** of 1.09026425752861, and a **standard error** of 0.000505098826945046.

The **u_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.188034812351897, **median** = -0.184920599699145, **standard deviation** = 0.0254152974740117, **min value** = -0.403204529579785, **max value** = -0.1180054994293, which accounts for **range** = 0.285199030150485. It has a **skewness** of -0.77764506145516, a **kurtosis** of 1.32220172827927, and a **standard error** of 0.000222275173014932.

The **u_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.628054559448607, **median** = 0.625414069851049, **standard deviation** = 0.0420467751711839, **min value** = 0.477266892882825, **max value** = 0.8125168777341, which accounts for **range** = 0.335249984851275. It has a **skewness** of 0.279821414228055, a **kurtosis** of -0.0940563187644261, and a **standard error** of 0.000367729484002755.

The **u_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.81288814184732, **median** = 0.812353045391138, **standard deviation** = 0.0602718766419281, **min value** = 0.559932001545136, **max value** = 1.05677835137172, which accounts for **range** = 0.496846349826584. It has a **skewness** of -0.0227611024326892, a **kurtosis** of 0.408121322177694, and a **standard error** of

0.000527121188418833.

The **u_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.234966297694968, **median** = 0.223599972704591, **standard deviation** = 0.0566084561798056, **min value** = 0.110513053917718, **max value** = 0.670334265708395, which accounts for **range** = 0.559821211790677. It has a **skewness** of 1.31281542970396, a **kurtosis** of 2.93965507158835, and a **standard error** of 0.000495081924747913.

The **u_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0165391149608508, **median** = -0.0110059728961308, **standard deviation** = 2.04372399610631, **min value** = -11.967850010909, **max value** = 15.4753027550093, which accounts for **range** = 27.4431527659183. It has a **skewness** of -0.0750153197122004, a **kurtosis** of 1.04271404772291, and a **standard error** of 0.0178738456747874.

The **u_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 37.9466234792051, **median** = 36.0824327143992, **standard deviation** = 13.6577443806076, **min value** = 2.81190657155981, **max value** = 205.103361907951, which accounts for **range** = 202.291455336391. It has a **skewness** of 0.973124478709715, a **kurtosis** of 2.97168040225261, and a **standard error** of 0.119446860627836.

The **u_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00143224444781626, **median** = -0.00103874519444501, **standard deviation** = 0.00344861180493562, **min value** = -0.0271124226157252, **max value** = 0.0135338142427523, which accounts for **range** = 0.0406462368584775. It has a **skewness** of -1.06902141937702, a **kurtosis** of 4.44321226583875, and a **standard error** of 3.01606064767578e-05.

The **u_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.746082177809087, **median** = 0.756885205676229, **standard deviation** = 0.184370785065994, **min value** = 0.298470142032304, **max value** = 1.3428198224486, which accounts for **range** = 1.0443496804163. It has a **skewness** of 0.0659514497651331, a **kurtosis** of -1.23689097001625, and a **standard error** of 0.00161245597032053.

The **u_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00101109840004882, **median** = -0.00080516418150553, **standard deviation** = 0.00346816741262025, **min value** = -0.0296200510516085, **max value** = 0.0157837489434972, which accounts for **range** = 0.0454037999951057. It has a **skewness** of -0.62851922486844, a **kurtosis** of 4.05242179495736, and a **standard error** of 3.03316344210876e-05.

The **u_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.779063018706378, **median** = 0.788128347419681, **standard deviation** = 0.190578745247956, **min value** = 0.310933451420379, **max value** = 1.32875921414447, which accounts for **range** = 1.01782576272409. It has a **skewness** of 0.048136854619915, a **kurtosis** of -1.268787102528, and a **standard error** of 0.00166674907568066.

The **u_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -3.39076457801456e-05, **median** = -2.5370902760165e-05, **standard deviation** = 0.000480164373483518, **min value** = -0.00321079615620436, **max value** = 0.00229515980073633, which accounts for **range** = 0.00550595595694069. It has a **skewness** of -0.255969158091347, a **kurtosis** of 1.95535951187276, and a **standard error** of 4.19938500821367e-06.

The **u_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.282300897273091, **median** = 0.267131089608892, **standard deviation** = 0.0592604325336396, **min value** = 0.15424088752843, **max value** = 0.514145458821927, which accounts for **range** = 0.359904571293497. It has a **skewness** of 0.772238984551402, a **kurtosis** of -0.368343637985999, and a **standard error** of 0.000518275377568314.

The **u_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0106978764271415, **median** = -0.00995011950417636, **standard deviation** = 0.010666999187455, **min value** = -0.0653586417509427, **max value** = 0.0285865311193055, which accounts for **range** =

0.0939451728702482. It has a **skewness** of -0.46421694582785, a **kurtosis** of 0.833136359596584, and a **standard error** of 9.32906290932126e-05.

The **u_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.1738073400064, **median** = 1.17463738488773, **standard deviation** = 0.157461655257345, **min value** = 0.47264125164631, **max value** = 1.79717733687991, which accounts for **range** = 1.3245360852336. It has a **skewness** of -0.0603987622088226, a **kurtosis** of 0.227155402489323, and a **standard error** of 0.00137711615224386.

The **u_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0107744126652873, **median** = -0.0100155862686941, **standard deviation** = 0.0107445053846965, **min value** = -0.0725483195616582, **max value** = 0.0280839928793405, which accounts for **range** = 0.100632312440999. It has a **skewness** of -0.419214279625799, a **kurtosis** of 0.567809607017645, and a **standard error** of 9.39684768901631e-05.

The **u_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.19342654637101, **median** = 1.1924800794445, **standard deviation** = 0.153938305277061, **min value** = 0.549618276888823, **max value** = 1.77926700622645, which accounts for **range** = 1.22964872933763. It has a **skewness** of -0.0775958601837635, a **kurtosis** of 0.0759225616899677, and a **standard error** of 0.00134630190632521.

The **u_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00198254185045616, **median** = -0.00180708674817174, **standard deviation** = 0.00263943098076777, **min value** = -0.0176557700938705, **max value** = 0.00855805194726728, which accounts for **range** = 0.0262138220411378. It has a **skewness** of -0.417272402915861, a **kurtosis** of 0.848121101427654, and a **standard error** of 2.30837344520966e-05.

The **u_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.582255462893357, **median** = 0.57511346061433, **standard deviation** = 0.104272750286757, **min value** = 0.237482040439235, **max value** = 1.02026501131253, which accounts for **range** = 0.782782970873295. It has a **skewness** of 0.290535514208187, a **kurtosis** of -0.124920604885304, and a **standard error** of 0.000911940678027932.

The **u_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 52.8323139941703, **median** = 56.8333333333333, **standard deviation** = 14.7836172321752, **min value** = 0, **max value** = 67.6564417177914, which accounts for **range** = 67.6564417177914. It has a **skewness** of -3.25266085981643, a **kurtosis** of 8.73867517500809, and a **standard error** of 0.129293433666412.

The **u_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.53776828998965, **median** = 2.68140853680607, **standard deviation** = 1.02088455831418, **min value** = 0, **max value** = 8.64955445162157, which accounts for **range** = 8.64955445162157. It has a **skewness** of -0.671157061627456, a **kurtosis** of 1.18921571678494, and a **standard error** of 0.0089283744193665.

The **u_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.427710139689469, **median** = 0.259409363149806, **standard deviation** = 0.706829556606771, **min value** = -1.80144086079957, **max value** = 6.68439177899545, which accounts for **range** = 8.48583263979502. It has a **skewness** of 2.80287836969999, a **kurtosis** of 12.5477522130814, and a **standard error** of 0.00618173610391499.

The **u_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.4768735072409, **median** = 0.400373591360322, **standard deviation** = 4.00775127648899, **min value** = -1.72562358276644, **max value** = 68.3722964895674, which accounts for **range** = 70.0979200723338. It has a **skewness** of 6.71085051246435, a **kurtosis** of 65.9138442233644, and a **standard error** of 0.0350506858829141.

The **u_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.194945542889754, **median** = 0.116796664514873, **standard deviation** = 0.230908437088315, **min value** = 0.0452075384437507, **max value** = 1, which accounts for **range** = 0.954792461556249. It has a **skewness** of 3.01112781598056, a **kurtosis** of 7.65059805843981, and a **standard error** of 0.00201946142306204.

The **u_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.07024275990098, **median** = 3.3777435748197, **standard deviation** = 0.962226908564084, **min value** = 0, **max value** = 4.69159647591906, which accounts for **range** = 4.69159647591906. It has a **skewness** of -2.26527930110892, a **kurtosis** of 4.624354166353, and a **standard error** of 0.00841537081355849.

The **u_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.200875860520435, **median** = 0.111459402537686, **standard deviation** = 0.242962876022422, **min value** = 0.0332374827363255, **max value** = 1, which accounts for **range** = 0.966762517263674. It has a **skewness** of 2.58503340744084, a **kurtosis** of 5.61615713216352, and a **standard error** of 0.00212488621702388.

The **u_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.38929591838528, **median** = 2.62648632792154, **standard deviation** = 0.81534793850098, **min value** = 0, **max value** = 3.53331925463752, which accounts for **range** = 3.53331925463752. It has a **skewness** of -1.76170728794026, a **kurtosis** of 2.68841905453268, and a **standard error** of 0.00713080790350737.

The **u_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.21253675214518, **median** = 0.904696254320629, **standard deviation** = 1.38932659639685, **min value** = 0, **max value** = 30.7166666666667, which accounts for **range** = 30.7166666666667. It has a **skewness** of 5.81382029965202, a **kurtosis** of 60.568375321357, and a **standard error** of 0.0121506667354231.

The **u_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.740429349099667, **median** = 0.734799342682968, **standard deviation** = 0.116834024347616, **min value** = 0.274266581632653, **max value** = 1, which accounts for **range** = 0.725733418367347. It has a **skewness** of 0.180320806699028, a **kurtosis** of 0.637651302647586, and a **standard error** of 0.00102179811204067.

The **u_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.599448393618129, **median** = 0.647047637450491, **standard deviation** = 0.192626658315511, **min value** = -0.390268724929582, **max value** = 0.966206360034763, which accounts for **range** = 1.35647508496434. It has a **skewness** of -2.2940861375958, a **kurtosis** of 4.70876949639757, and a **standard error** of 0.00168465955781749.

The **u_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.41920844672841, **median** = 1.29076932476146, **standard deviation** = 0.902921755755036, **min value** = 0, **max value** = 9.92723214285714, which accounts for **range** = 9.92723214285714. It has a **skewness** of 1.27691447159066, a **kurtosis** of 3.99042514172811, and a **standard error** of 0.00789670432481141.

The **u_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.61195126815737, **median** = 8.04023223882774, **standard deviation** = 1.97062113722408, **min value** = 2, **max value** = 14.0875, which accounts for **range** = 12.0875. It has a **skewness** of -1.48744832019773, a **kurtosis** of 2.28707483609724, and a **standard error** of 0.0172345082591011.

The **u_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.71192734734198, **median** = 4.31954660171219, **standard deviation** = 2.93167009016823, **min value** = 0, **max value** = 23.6224922839506, which accounts for **range** = 23.6224922839506. It has a **skewness** of 1.04237352743423, a **kurtosis** of 2.40759877434721, and a **standard error** of 0.025639576998112.

The **u_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.87392581083409, **median** = 2.05900126466041, **standard deviation** = 0.607310397671366, **min value** = 0, **max value** = 2.64064958428251, which accounts for **range** = 2.64064958428251. It has a **skewness** of -2.07898054728297, a **kurtosis** of 3.79940723078944, and a **standard error** of 0.00531136902309341.

The **u_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.577643259977304, **median** = 0.5098318456336, **standard deviation** = 0.416550234203412, **min value** = 0, **max value** = 6.63620853420569, which accounts for **range** = 6.63620853420569. It has a **skewness** of 3.49982957156328, a **kurtosis** of 27.1912908149674, and a **standard error** of 0.00364303331376113.

The **u_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.920759298102067, **median** = 0.974719905004151, **standard deviation** = 0.323396406221548, **min value**

= 0, **max value** = 1.75526836150958, which accounts for **range** = 1.75526836150958. It has a **skewness** of -1.415272425996, a **kurtosis** of 2.28508953380419, and a **standard error** of 0.00282833565960837.

The **u_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.237281734780463, **median** = -0.232288468702831, **standard deviation** = 0.103185090747894, **min value** = -0.879377097371614, **max value** = 0, which accounts for **range** = 0.879377097371614. It has a **skewness** of -0.685705880280387, a **kurtosis** of 4.93760057278693, and a **standard error** of 0.000902428308069274.

The **u_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.653653288134246, **median** = 0.687166638760683, **standard deviation** = 0.19650773000462, **min value** = 0, **max value** = 0.968284213218789, which accounts for **range** = 0.968284213218789. It has a **skewness** of -2.48583575448167, a **kurtosis** of 5.99912755620197, and a **standard error** of 0.00171860233901303.

The **u_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.726148563025321, **median** = 0.800229791143609, **standard deviation** = 0.238802621669771, **min value** = 0, **max value** = 1.1323055888934, which accounts for **range** = 1.1323055888934. It has a **skewness** of -2.07622659956457, a **kurtosis** of 3.66468172475355, and a **standard error** of 0.00208850178135213.

The **u_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.309734684542817, **median** = 0.229291934998418, **standard deviation** = 0.234342354095063, **min value** = 0.0663453870690713, **max value** = 1, which accounts for **range** = 0.933654612930929. It has a **skewness** of 1.89470946030341, a **kurtosis** of 2.87310935070176, and a **standard error** of 0.00204949351289196.

The **u_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.17864260853727, **median** = 1.8574782340829, **standard deviation** = 6.90382599304716, **min value** = -62.3161954531541, **max value** = 112.145125082597, which accounts for **range** = 174.461320535751. It has a **skewness** of 1.27881056454942, a **kurtosis** of 16.3634214155289, and a **standard error** of 0.0603789555734568.

The **u_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 91.6247234537757, **median** = 68.4750851085732, **standard deviation** = 88.3116560786027, **min value** = 0, **max value** = 1396.44970348991, which accounts for **range** = 1396.44970348991. It has a **skewness** of 2.728882603396, a **kurtosis** of 13.8042691976055, and a **standard error** of 0.77234935590184.

The **u_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00472570027863805, **median** = -0.000259927661389404, **standard deviation** = 0.0474664608132413, **min value** = -1.05750299882717, **max value** = 1.12423594181354, which accounts for **range** = 2.18173894064071. It has a **skewness** of -1.68826049783114, a **kurtosis** of 120.896873760617, and a **standard error** of 0.000415128557926902.

The **u_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.543998420210626, **median** = 0.519834699470521, **standard deviation** = 0.290966034523225, **min value** = 0, **max value** = 3.82751635436552, which accounts for **range** = 3.82751635436552. It has a **skewness** of 1.13872496064029, a **kurtosis** of 6.5413283458918, and a **standard error** of 0.00254470858471167.

The **u_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00422455054709329, **median** = -2.85923300361318e-05, **standard deviation** = 0.0521721987014052, **min value** = -2.66351624354138, **max value** = 1.25987340499913, which accounts for **range** = 3.92338964854051. It has a **skewness** of -11.162802762606, a **kurtosis** of 593.716682123471, and a **standard error** of 0.000456283641959426.

The **u_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.552873285603228, **median** = 0.527134994659697, **standard deviation** = 0.297405571452904, **min value** = 0, **max value** = 5.49840764234124, which accounts for **range** = 5.49840764234124. It has a **skewness** of 1.25307919642826, a **kurtosis** of 9.51285956372643, and a **standard error** of 0.00260102699635506.

The **u_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000116988164094543, **median** = 0, **standard deviation** = 0.00828893734377278, **min value** = -0.205144667468796, **max value** = 0.158952053776011, which accounts for **range** = 0.364096721244807.

It has a **skewness** of -0.566469157672613, a **kurtosis** of 105.656191151045, and a **standard error** of 7.24927569343223e-05.

The **u_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.213377021120769, **median** = 0.208467470962524, **standard deviation** = 0.0905390262922534, **min value** = 0, **max value** = 1.18067813199472, which accounts for **range** = 1.18067813199472. It has a **skewness** of 0.389134970049605, a **kurtosis** of 5.53555107357721, and a **standard error** of 0.0007918293206795.

The **u_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0835089427768958, **median** = -0.02912531130082, **standard deviation** = 0.219698445959365, **min value** = -5.10837600254301, **max value** = 1.57223701910293, which accounts for **range** = 6.68061302164594. It has a **skewness** of -4.76012001196432, a **kurtosis** of 52.7590871089589, and a **standard error** of 0.00192142193640125.

The **u_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.995897287015543, **median** = 1.01201354999225, **standard deviation** = 0.438695091445642, **min value** = 0, **max value** = 3.81454270018072, which accounts for **range** = 3.81454270018072. It has a **skewness** of -0.073020108761164, a **kurtosis** of 1.44376611432628, and a **standard error** of 0.00383670611967422.

The **u_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0794778743654844, **median** = -0.027003988174748, **standard deviation** = 0.239632563586126, **min value** = -4.70726314709043, **max value** = 3.97403611296846, which accounts for **range** = 8.68129926005889. It has a **skewness** of -3.87306351868948, a **kurtosis** of 63.9095989507099, and a **standard error** of 0.00209576022415567.

The **u_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.0249073601108, **median** = 1.04145320952804, **standard deviation** = 0.457914366099025, **min value** = 0, **max value** = 3.937515695115, which accounts for **range** = 3.937515695115. It has a **skewness** of 0.0410136125674691, a **kurtosis** of 1.70423181360041, and a **standard error** of 0.00400479258819462.

The **u_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.01068884403285, **median** = -0.00218376124558681, **standard deviation** = 0.0588003627332644, **min value** = -0.924109936767351, **max value** = 1.28411962163368, which accounts for **range** = 2.20822955840103. It has a **skewness** of 0.23733338901443, a **kurtosis** of 72.6323879416708, and a **standard error** of 0.000514251734147186.

The **u_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.45512830568557, **median** = 0.454256217249828, **standard deviation** = 0.213556635707694, **min value** = 0, **max value** = 2.33553720370162, which accounts for **range** = 2.33553720370162. It has a **skewness** of 0.325028329895211, a **kurtosis** of 2.40879456612865, and a **standard error** of 0.00186770736006348.

The **u_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 61.1045044869364, **median** = 61.0840848697847, **standard deviation** = 1.6383166615869, **min value** = 53.9196103743692, **max value** = 71.0862272619891, which accounts for **range** = 17.1666168876199. It has a **skewness** of -0.0789717037229663, a **kurtosis** of 0.996714570581568, and a **standard error** of 0.0143282650844375.

The **u_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.6982560161073, **median** = 3.69134318710714, **standard deviation** = 0.529443617869413, **min value** = 1.62781475660406, **max value** = 7.9773961914102, which accounts for **range** = 6.34958143480614. It has a **skewness** of 0.38158472890141, a **kurtosis** of 2.14268449336044, and a **standard error** of 0.00463036767064838.

The **u_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0247950860194524, **median** = 0.0246313864085543, **standard deviation** = 0.318339942345156, **min value** = -1.34032425596339, **max value** = 1.54253550892136, which accounts for **range** = 2.88285976488475. It has a **skewness** of 0.0611682436560831, a **kurtosis** of 0.502928508994035, and a **standard error** of 0.00278411322293935.

The **u_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0323096504355836, **median** = -0.0322539855818682, **standard deviation** = 0.684996748294648, **min value** = -1.75539674909355, **max value** = 5.6307310989323, which accounts for **range** = 7.38612784802585. It has a **skewness** of 1.28728866893072, a **kurtosis** of 4.72410027122924, and a **standard error** of 0.00599079239176914.

The **u_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0828985261224112, **median** = 0.0798341995667095, **standard deviation** = 0.0148439664777225, **min value** = 0.0538614940618189, **max value** = 0.295931134905134, which accounts for **range** = 0.242069640843315. It has a **skewness** of 2.07413470931952, a **kurtosis** of 9.74090276685982, and a **standard error** of 0.000129821231501911.

The **u_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.85125284143285, **median** = 3.87702182644759, **standard deviation** = 0.188519037345285, **min value** = 2.41694858422224, **max value** = 4.34187098798152, which accounts for **range** = 1.92492240375928. It has a **skewness** of -0.951979076080696, a **kurtosis** of 1.87648478582295, and a **standard error** of 0.00164873543917318.

The **u_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.121619967676254, **median** = 0.115306433759669, **standard deviation** = 0.0310217346237946, **min value** = 0.0649291076756888, **max value** = 0.447867224972133, which accounts for **range** = 0.382938117296444. It has a **skewness** of 1.86372131064871, a **kurtosis** of 6.80229465193002, and a **standard error** of 0.000271307524052318.

The **u_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.55895763697868, **median** = 2.57576457329537, **standard deviation** = 0.18442087146253, **min value** = 1.41388410063389, **max value** = 3.07922755945965, which accounts for **range** = 1.66534345882576. It has a **skewness** of -0.641776441294569, a **kurtosis** of 0.947306277329119, and a **standard error** of 0.00161289401211277.

The **u_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.703777324693443, **median** = 0.696443390976788, **standard deviation** = 0.127548129072701, **min value** = 0.278185216121512, **max value** = 1.32206318017449, which accounts for **range** = 1.04387796405298. It has a **skewness** of 0.30583205742521, a **kurtosis** of 0.252893174584736, and a **standard error** of 0.00111550071315732.

The **u_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.771179664054976, **median** = 0.769136957601666, **standard deviation** = 0.0263545531687243, **min value** = 0.684169800895896, **max value** = 0.892318828888662, which accounts for **range** = 0.208149027992766. It has a **skewness** of 0.577848083064912, a **kurtosis** of 0.790423599226333, and a **standard error** of 0.00023048964393588.

The **u_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.703724874213543, **median** = 0.698545394283705, **standard deviation** = 0.0769343219596058, **min value** = 0.425355295382567, **max value** = 0.951743062943742, which accounts for **range** = 0.526387767561175. It has a **skewness** of 0.212193973109945, a **kurtosis** of -0.053700558542817, and a **standard error** of 0.000672846333663574.

The **u_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.26263951538807, **median** = 1.21970473930319, **standard deviation** = 0.358836851692411, **min value** = 0.326065277816511, **max value** = 4.42153138185088, which accounts for **range** = 4.09546610403437. It has a **skewness** of 1.29644951267918, a **kurtosis** of 4.53192683959278, and a **standard error** of 0.00313828800845722.

The **u_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.37144677177986, **median** = 8.39865526037204, **standard deviation** = 0.828996257645014, **min value** = 5.28984832115108, **max value** = 11.3002232452426, which accounts for **range** = 6.01037492409152. It has a **skewness** of -0.159251576509983, a **kurtosis** of 0.012168081337061, and a **standard error** of

0.007250172333619.

The **u_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.34348566595885, **median** = 4.1429880048576, **standard deviation** = 1.42332125306051, **min value** = 1.02697153729847, **max value** = 17.2677909452293, which accounts for **range** = 16.2408194079308. It has a **skewness** of 1.50383687549718, a **kurtosis** of 5.35498273580198, and a **standard error** of 0.0124479746146335.

The **u_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.04049338401926, **median** = 2.05617992741271, **standard deviation** = 0.133200384992991, **min value** = 1.18859627361774, **max value** = 2.37548894802794, which accounts for **range** = 1.1868926744102. It has a **skewness** of -0.759932752108569, a **kurtosis** of 1.08977890039947, and a **standard error** of 0.00116493378250824.

The **u_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.428973003661762, **median** = 0.42566437362896, **standard deviation** = 0.059767983406106, **min value** = 0.219651265849523, **max value** = 0.721813609478204, which accounts for **range** = 0.502162343628681. It has a **skewness** of 0.383009929674293, a **kurtosis** of 0.353233563442001, and a **standard error** of 0.000522714277333572.

The **u_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.888952946549697, **median** = 0.891126928768637, **standard deviation** = 0.0628346590765318, **min value** = 0.588227473304551, **max value** = 1.12029795796935, which accounts for **range** = 0.532070484664799. It has a **skewness** of -0.311788948378825, a **kurtosis** of 0.481322665478359, and a **standard error** of 0.000549534575853453.

The **u_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.266826536185458, **median** = -0.253044648780044, **standard deviation** = 0.0633892184519199, **min value** = -0.570193345468235, **max value** = -0.128779672807459, which accounts for **range** = 0.441413672660776. It has a **skewness** of -1.15159081333317, a **kurtosis** of 1.45537655146389, and a **standard error** of 0.000554384599003389.

The **u_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.722479828597138, **median** = 0.718193425924001, **standard deviation** = 0.0668755439612263, **min value** = 0.509027399798148, **max value** = 0.908301196641022, which accounts for **range** = 0.399273796842874. It has a **skewness** of 0.134804345545064, a **kurtosis** of -0.302793297658818, and a **standard error** of 0.000584875039123551.

The **u_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.908201822862739, **median** = 0.90668772174456, **standard deviation** = 0.0827453579055654, **min value** = 0.549736022888682, **max value** = 1.17038664980883, which accounts for **range** = 0.620650626920148. It has a **skewness** of -0.12232571242808, a **kurtosis** of 0.109653503108552, and a **standard error** of 0.000723668049270284.

The **u_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.239321356631724, **median** = 0.22928565285402, **standard deviation** = 0.0605023089822591, **min value** = 0.121638142723362, **max value** = 0.656442889631972, which accounts for **range** = 0.53480474690861. It has a **skewness** of 1.17370187387787, a **kurtosis** of 2.27928704781535, and a **standard error** of 0.000529136486031135.

The **u_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.780240146346698, **median** = -0.538521665888744, **standard deviation** = 3.34059171531695, **min value** = -37.6870534465382, **max value** = 31.0008416623659, which accounts for **range** = 68.6878951089041. It has a **skewness** of -0.0605369598108301, a **kurtosis** of 5.23577934182179, and a **standard error** of 0.0292158926037987.

The **u_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 53.7767815384764, **median** = 48.3788106819269, **standard deviation** = 27.4561945765816, **min value** =

6.36586767575864, **max value** = 376.821560171167, which accounts for **range** = 370.455692495408. It has a **skewness** of 2.29677414078806, a **kurtosis** of 12.251878755252, and a **standard error** of 0.240124295459525.

The **u_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000108685168960308, **median** = -8.50089292653732e-05, **standard deviation** = 0.00291052301707599, **min value** = -0.0226860569737674, **max value** = 0.0211875523246255, which accounts for **range** = 0.0438736092983929. It has a **skewness** of 0.23994360638278, a **kurtosis** of 6.40705332916662, and a **standard error** of 2.54546305368265e-05.

The **u_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.742217239408128, **median** = 0.745861401697766, **standard deviation** = 0.182820051935797, **min value** = 0.33175679843535, **max value** = 1.40113433837119, which accounts for **range** = 1.06937753993584. It has a **skewness** of 0.0911915493036356, a **kurtosis** of -0.941732384583726, and a **standard error** of 0.00159889368661455.

The **u_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.000718678640445021, **median** = -0.00027595185246503, **standard deviation** = 0.00311395190851902, **min value** = -0.0241303150890074, **max value** = 0.0212028507758982, which accounts for **range** = 0.0453331658649056. It has a **skewness** of -0.77290357585754, a **kurtosis** of 5.43497475276886, and a **standard error** of 2.72337634424308e-05.

The **u_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.772134455040402, **median** = 0.771693880836305, **standard deviation** = 0.188606484165653, **min value** = 0.319297239503508, **max value** = 1.40870049146151, which accounts for **range** = 1.089403251958. It has a **skewness** of 0.047479434078288, a **kurtosis** of -0.985060449301002, and a **standard error** of 0.00164950022491479.

The **u_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.33808898253376e-05, **median** = 1.146233240609e-05, **standard deviation** = 0.000418013007060673, **min value** = -0.00361667648294565, **max value** = 0.00337553415894537, which accounts for **range** = 0.00699221064189102. It has a **skewness** of 0.369477666147172, a **kurtosis** of 5.56168502735013, and a **standard error** of 3.65582632121114e-06.

The **u_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.278433591233738, **median** = 0.266017616231605, **standard deviation** = 0.0590106535924425, **min value** = 0.147388655571811, **max value** = 0.526726909142143, which accounts for **range** = 0.379338253570332. It has a **skewness** of 0.722203207622874, a **kurtosis** of -0.225661038060496, and a **standard error** of 0.000516090879927599.

The **u_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00197815870098632, **median** = 0.00183160483280732, **standard deviation** = 0.00693214819826144, **min value** = -0.0400424510020962, **max value** = 0.0438160209597741, which accounts for **range** = 0.0838584719618703. It has a **skewness** of 0.171665545081673, a **kurtosis** of 1.70811058220357, and a **standard error** of 6.0626653758796e-05.

The **u_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.17058761899014, **median** = 1.17079539093932, **standard deviation** = 0.156896519780335, **min value** = 0.577024766639483, **max value** = 1.71291773577278, which accounts for **range** = 1.1358929691333. It has a **skewness** of -0.0415706430769352, a **kurtosis** of -0.0362562104868798, and a **standard error** of 0.00137217363342983.

The **u_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00209107074638854, **median** = 0.0020538806914661, **standard deviation** = 0.00717698727558607, **min value** = -0.0438219062879493, **max value** = 0.0443295850266021, which accounts for **range** = 0.0881514913145514. It has a **skewness** of -0.0484618300649843, a **kurtosis** of 1.18193267089751, and a **standard error** of 6.27679487142769e-05.

The **u_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.18738500418638, **median** = 1.18793463183559, **standard deviation** = 0.149438983924163, **min value**

= 0.617706334558961, **max value** = 1.68810166062055, which accounts for **range** = 1.07039532606159. It has a **skewness** of -0.0972682725448718, a **kurtosis** of -0.174282559024996, and a **standard error** of 0.00130695208430609.

The **u_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000359636534263487, **median** = 0.00032576732250387, **standard deviation** = 0.00193722541389488, **min value** = -0.00892946640103909, **max value** = 0.012111201777771, which accounts for **range** = 0.0210406681788101. It has a **skewness** of 0.0991404515627058, a **kurtosis** of 1.65493489961273, and a **standard error** of 1.69424384854323e-05.

The **u_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.57077703410596, **median** = 0.564452274868821, **standard deviation** = 0.102760264119528, **min value** = 0.259354136990053, **max value** = 1.01592142381924, which accounts for **range** = 0.756567286829187. It has a **skewness** of 0.254201788232411, a **kurtosis** of -0.148634778284264, and a **standard error** of 0.000898712891697772.

The **v_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 58.5493285460781, **median** = 58.1915774552216, **standard deviation** = 2.80295047188843, **min value** = 52.1190271201033, **max value** = 74.54011943167, which accounts for **range** = 22.4210923115667. It has a **skewness** of 0.478900284595438, a **kurtosis** of -0.0373299288263431, and a **standard error** of 0.024513830763868.

The **v_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.01200196525858, **median** = 8.03546018548042, **standard deviation** = 0.908996588640329, **min value** = 3.65674429602006, **max value** = 12.1839809561953, which accounts for **range** = 8.52723666017524. It has a **skewness** of -0.267934273419763, a **kurtosis** of 1.11224212840256, and a **standard error** of 0.00794983313559933.

The **v_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.279353914527049, **median** = 0.268368599863344, **standard deviation** = 0.310734642187935, **min value** = -0.903399382453468, **max value** = 2.10488735656379, which accounts for **range** = 3.00828673901726. It has a **skewness** of 0.246288026350411, a **kurtosis** of 0.272720089178518, and a **standard error** of 0.00271759936804525.

The **v_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.315289830721087, **median** = -0.431550947281476, **standard deviation** = 0.483379578144572, **min value** = -1.10505353949204, **max value** = 8.49360129616405, which accounts for **range** = 9.59865483565609. It has a **skewness** of 3.2807667128896, a **kurtosis** of 26.7343048902847, and a **standard error** of 0.00422750430026779.

The **v_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0361939459261728, **median** = 0.0350162056058331, **standard deviation** = 0.00604422181934675, **min value** = 0.0249395297396855, **max value** = 0.124486822396412, which accounts for **range** = 0.0995472926567265. It has a **skewness** of 3.04981015681525, a **kurtosis** of 22.5475592294364, and a **standard error** of 5.28610948587045e-05.

The **v_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.97422982561161, **median** = 4.99889474671316, **standard deviation** = 0.168779617985657, **min value** = 3.69101675318872, **max value** = 5.40855236577843, which accounts for **range** = 1.71753561258971. It has a **skewness** of -1.28481362681837, a **kurtosis** of 3.84448910778612, and a **standard error** of 0.0014760999286952.

The **v_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.067796764481545, **median** = 0.0644973242534622, **standard deviation** = 0.0172516179450798, **min value** = 0.0361817928579327, **max value** = 0.299610730940194, which accounts for **range** = 0.263428938082261. It has a **skewness** of 2.85129504920909, a **kurtosis** of 19.400745684227, and a **standard error** of 0.000150877886337989.

The **v_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

3.03104654232363, **median** = 3.04843825528051, **standard deviation** = 0.166367579589691, **min value** = 1.96134884593649, **max value** = 3.51128603673023, which accounts for **range** = 1.54993719079374. It has a **skewness** of -0.837121810953276, a **kurtosis** of 1.86984748377232, and a **standard error** of 0.00145500490699301.

The **v_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.945880627120569, **median** = 0.9307369781271, **standard deviation** = 0.176750140428181, **min value** = 0.332349236324036, **max value** = 1.78212555056174, which accounts for **range** = 1.4497763142377. It has a **skewness** of 0.435454252313032, a **kurtosis** of 0.242700286669309, and a **standard error** of 0.00154580791683672.

The **v_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.713055155097463, **median** = 0.712928912189842, **standard deviation** = 0.0267943186036525, **min value** = 0.626056726170144, **max value** = 0.860140403874133, which accounts for **range** = 0.234083677703989. It has a **skewness** of 0.22001918616237, a **kurtosis** of 0.393477069770866, and a **standard error** of 0.000234335710984066.

The **v_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.778640117371192, **median** = 0.779059161692202, **standard deviation** = 0.0258080851469124, **min value** = 0.646816697066, **max value** = 0.879215387376058, which accounts for **range** = 0.232398690310058. It has a **skewness** of -0.22528105778105, a **kurtosis** of 0.556217465446936, and a **standard error** of 0.000225710385529813.

The **v_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.14757473528914, **median** = 2.15349213178415, **standard deviation** = 0.358601679330778, **min value** = 0.695810295387685, **max value** = 4.56377465656594, which accounts for **range** = 3.86796436117826. It has a **skewness** of -0.0821826614264311, a **kurtosis** of 0.632042065943084, and a **standard error** of 0.00313623125592762.

The **v_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.01345946162285, **median** = 7.96095339513125, **standard deviation** = 0.836304802185333, **min value** = 5.43550232341644, **max value** = 11.4329530299614, which accounts for **range** = 5.99745070654496. It has a **skewness** of 0.267571718183005, a **kurtosis** of -0.221416685103617, and a **standard error** of 0.00731409084583976.

The **v_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 7.64115787557195, **median** = 7.6776146296746, **standard deviation** = 1.29785067447813, **min value** = 2.3177635427029, **max value** = 16.3916247978417, which accounts for **range** = 14.0738612551388. It has a **skewness** of -0.12293150415069, a **kurtosis** of 0.687135877190949, and a **standard error** of 0.0113506435843278.

The **v_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37940456766864, **median** = 2.39632005947246, **standard deviation** = 0.0977736171443861, **min value** = 1.60223195434772, **max value** = 2.6054616279268, which accounts for **range** = 1.00322967357908. It has a **skewness** of -1.47390646259589, a **kurtosis** of 4.32246225600722, and a **standard error** of 0.000855101054366441.

The **v_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.494435511157858, **median** = 0.489481953010028, **standard deviation** = 0.0701171825461791, **min value** = 0.244683897404028, **max value** = 0.929123293109477, which accounts for **range** = 0.684439395705449. It has a **skewness** of 0.42572200737738, a **kurtosis** of 0.37281849309566, and a **standard error** of 0.000613225514976097.

The **v_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.986476423180692, **median** = 0.986022382580107, **standard deviation** = 0.0653892724123333, **min value** = 0.650724071181307, **max value** = 1.23060367792574, which accounts for **range** = 0.579879606744433. It has a **skewness** of -0.037517806924098, a **kurtosis** of 0.0893536613447745, and a **standard error** of 0.00057187651860593.

The **v_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.275669142980525, **median** = -0.273842459980436, **standard deviation** = 0.0293818551708539, **min value** = -0.42965188161216, **max value** = -0.195413293907533, which accounts for **range** = 0.234238587704627. It has a **skewness** of -0.333893659822433, a **kurtosis** of 0.0571808933690181, and a **standard error** of 0.000256965591226281.

The **v_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.77867571221896, **median** = 0.779574664523248, **standard deviation** = 0.0274300605092914, **min value** = 0.645146915794089, **max value** = 0.878259448942775, which accounts for **range** = 0.233112533148686. It has a **skewness** of -0.283189802975527, a **kurtosis** of 0.390467175414333, and a **standard error** of 0.000239895734124194.

The **v_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.894646373502352, **median** = 0.8939047417807, **standard deviation** = 0.0260689032757916, **min value** = 0.782058863876954, **max value** = 1.02012896102538, which accounts for **range** = 0.238070097148426. It has a **skewness** of 0.245716614749882, a **kurtosis** of 0.49004544291573, and a **standard error** of 0.000227991428857412.

The **v_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.138416885582449, **median** = 0.131355756444322, **standard deviation** = 0.0393286548575314, **min value** = 0.062277742607947, **max value** = 0.531896391089094, which accounts for **range** = 0.469618616828299. It has a **skewness** of 1.94808677668502, a **kurtosis** of 8.83745013311915, and a **standard error** of 0.000343957554376108.

The **v_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.59470411234291, **median** = 5.66805039446048, **standard deviation** = 5.92812254338066, **min value** = -19.6091286729063, **max value** = 67.1892382967636, which accounts for **range** = 86.7983669696699. It has a **skewness** of 0.28020214373174, a **kurtosis** of 1.11551372858488, and a **standard error** of 0.0518457226531005.

The **v_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 157.996757414686, **median** = 156.353733475442, **standard deviation** = 40.3865340247916, **min value** = 32.2300694442645, **max value** = 750.420381237833, which accounts for **range** = 718.190311793569. It has a **skewness** of 0.783024980103966, a **kurtosis** of 5.52707192538797, and a **standard error** of 0.353209473428879.

The **v_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0014636008160677, **median** = 0.000998019456106566, **standard deviation** = 0.0047181081453945, **min value** = -0.026223245922092, **max value** = 0.0307228781562459, which accounts for **range** = 0.0569461240783379. It has a **skewness** of 0.72831511574835, a **kurtosis** of 2.5922026542439, and a **standard error** of 4.12632708860908e-05.

The **v_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02468295374461, **median** = 1.01074283127956, **standard deviation** = 0.211820924233714, **min value** = 0.37079984273092, **max value** = 1.78143444948521, which accounts for **range** = 1.41063460675429. It has a **skewness** of 0.112357402627676, a **kurtosis** of -0.858026129538667, and a **standard error** of 0.00185252730684642.

The **v_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00295462828902194, **median** = 0.00237513091644519, **standard deviation** = 0.0048932077011992, **min value** = -0.030674092197095, **max value** = 0.0426534860292319, which accounts for **range** = 0.0733275782263269. It has a **skewness** of 0.583644027866694, a **kurtosis** of 1.76701197239788, and a **standard error** of 4.27946432456362e-05.

The **v_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.10524299227572, **median** = 1.09048433987271, **standard deviation** = 0.220862115823752, **min value** = 0.381119711852912, **max value** = 1.87845167839893, which accounts for **range** = 1.49733196654602. It has a **skewness** of 0.0601954179527389, a **kurtosis** of -0.738496406574037, and a **standard error** of

0.00193159907167592.

The **v_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.39907617954108e-05, **median** = 1.49916020078545e-05, **standard deviation** = 0.000782405279217974, **min value** = -0.00555737217960752, **max value** = 0.0109382734900333, which accounts for **range** = 0.0164956456696408. It has a **skewness** of 0.346180050628395, a **kurtosis** of 6.93039742654643, and a **standard error** of 6.84270050286846e-06.

The **v_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.352642263473589, **median** = 0.345683406841031, **standard deviation** = 0.0776432813843654, **min value** = 0.165380151227472, **max value** = 0.626323943096806, which accounts for **range** = 0.460943791869334. It has a **skewness** of 0.446898839202038, a **kurtosis** of -0.41675990763209, and a **standard error** of 0.000679046697006169.

The **v_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0112305647456973, **median** = 0.00961037187894239, **standard deviation** = 0.0289236748361334, **min value** = -0.200483731622835, **max value** = 0.138986820627879, which accounts for **range** = 0.339470552250714. It has a **skewness** of 0.293951599722947, a **kurtosis** of 0.522642785337037, and a **standard error** of 0.000252958472549973.

The **v_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.61180329048359, **median** = 2.58391858566914, **standard deviation** = 0.443199811748206, **min value** = 0.875807126747257, **max value** = 4.45087222144233, which accounts for **range** = 3.57506509469507. It has a **skewness** of 0.331015585903449, a **kurtosis** of 0.179606549224823, and a **standard error** of 0.00387610315941614.

The **v_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0148725838548846, **median** = 0.0128741180500969, **standard deviation** = 0.0293496021610308, **min value** = -0.119274941473808, **max value** = 0.154359787728591, which accounts for **range** = 0.273634729202399. It has a **skewness** of 0.351575719185146, a **kurtosis** of 0.368830838550664, and a **standard error** of 0.000256683515309365.

The **v_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.57002746970971, **median** = 2.5368395611264, **standard deviation** = 0.444796325380363, **min value** = 1.02835350682903, **max value** = 4.7022923059169, which accounts for **range** = 3.67393879908787. It has a **skewness** of 0.395940060132749, a **kurtosis** of 0.286660362374838, and a **standard error** of 0.00389006582674952.

The **v_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00381980366234316, **median** = 0.00288330116275129, **standard deviation** = 0.00652706063028544, **min value** = -0.0250645170913575, **max value** = 0.0520741012080648, which accounts for **range** = 0.0771386182994223. It has a **skewness** of 0.938778082968668, a **kurtosis** of 2.06450956341341, and a **standard error** of 5.70838697583281e-05.

The **v_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.947378620950295, **median** = 0.945066577363241, **standard deviation** = 0.154011739711559, **min value** = 0.374926787368714, **max value** = 1.65927699604112, which accounts for **range** = 1.28435020867241. It has a **skewness** of 0.13510513434912, a **kurtosis** of 0.267475236067123, and a **standard error** of 0.00134694414360966.

The **v_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 66.8302535392841, **median** = 72.7647058823529, **standard deviation** = 19.5768191400432, **min value** = 0, **max value** = 83.5132065841521, which accounts for **range** = 83.5132065841521. It has a **skewness** of -2.79297103909582, a **kurtosis** of 6.81608960824051, and a **standard error** of 0.171213453861191.

The **v_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.22392742814386, **median** = 7.10202947413203, **standard deviation** = 3.77735779724261, **min value** = 0, **max value** = 17.5785151763224, which accounts for **range** = 17.5785151763224. It has a **skewness** of -0.0413811692284223, a **kurtosis** of -0.646454350094743, and a **standard error** of 0.0330357281389268.

The **v_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -1.11661024297896, **median** = -1.07779067955232, **standard deviation** = 0.887344448316445, **min value** = -6.86385393589033, **max value** = 2.55956209019784, which accounts for **range** = 9.42341602608817. It has a **skewness** of -0.803109123068017, a **kurtosis** of 2.19170951983321, and a **standard error** of 0.00776046949578531.

The **v_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.25796399230319, **median** = 0.89144572256188, **standard deviation** = 4.69150904837667, **min value** = -1.76503992327455, **max value** = 78.2373956038563, which accounts for **range** = 80.0024355271308. It has a **skewness** of 4.38806742798009, a **kurtosis** of 32.5375175029159, and a **standard error** of 0.0410306425291838.

The **v_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.134805462818364, **median** = 0.0583361283767784, **standard deviation** = 0.244369169488954, **min value** = 0.0215973701768579, **max value** = 1, which accounts for **range** = 0.978402629823142. It has a **skewness** of 3.1576752772349, a **kurtosis** of 8.31221880570665, and a **standard error** of 0.00213718527131993.

The **v_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.10536782735006, **median** = 4.43486745777052, **standard deviation** = 1.33742398223164, **min value** = 0, **max value** = 5.59806013741849, which accounts for **range** = 5.59806013741849. It has a **skewness** of -1.96520814944739, a **kurtosis** of 3.61589029265301, and a **standard error** of 0.0116967408053687.

The **v_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.20035597502711, **median** = 0.116657228668895, **standard deviation** = 0.241855386308698, **min value** = 0.0306519328039845, **max value** = 1, which accounts for **range** = 0.969348067196016. It has a **skewness** of 2.58640942071567, a **kurtosis** of 5.74142609612957, and a **standard error** of 0.0021152004178322.

The **v_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.42497933152665, **median** = 2.61756447121578, **standard deviation** = 0.862485440285264, **min value** = 0, **max value** = 3.66336144233049, which accounts for **range** = 3.66336144233049. It has a **skewness** of -1.4676674340653, a **kurtosis** of 1.95033313526323, and a **standard error** of 0.00754305947661239.

The **v_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.14665748520415, **median** = 0.878408033878785, **standard deviation** = 1.23984985681177, **min value** = 0, **max value** = 25.3406084656085, which accounts for **range** = 25.3406084656085. It has a **skewness** of 5.25844540370676, a **kurtosis** of 52.1135374519178, and a **standard error** of 0.0108433844505332.

The **v_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.752079809189033, **median** = 0.742977314444341, **standard deviation** = 0.116080962596972, **min value** = 0.280386904761905, **max value** = 1, which accounts for **range** = 0.719613095238095. It has a **skewness** of 0.183669222805267, a **kurtosis** of 0.285960561504103, and a **standard error** of 0.0010152120419352.

The **v_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.725618625587551, **median** = 0.790170088742854, **standard deviation** = 0.221664360924196, **min value** = -0.177745194039768, **max value** = 0.979705103849999, which accounts for **range** = 1.15745029788977. It has a **skewness** of -2.68511834086543, a **kurtosis** of 5.98844102718082, and a **standard error** of 0.00193861528577626.

The **v_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.29360435941737, **median** = 2.04498652393448, **standard deviation** = 1.4745447156727, **min value** = 0, **max value** = 8.56837651365163, which accounts for **range** = 8.56837651365163. It has a **skewness** of 0.62296560121026, a **kurtosis** of 0.0258764792016901, and a **standard error** of 0.0128959608727597.

The **v_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 11.2525008346058, **median** = 12.1312581660942, **standard deviation** = 3.08344183420841, **min value** = 2, **max value** = 15.7406136485917, which accounts for **range** = 13.7406136485917. It has a **skewness** of -1.87136888162619, a **kurtosis** of 3.16588863912948, and a **standard error** of 0.0269669307581774.

The **v_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** =

8.13618855034276, **median** = 7.23243057483997, **standard deviation** = 5.26201605958795, **min value** = 0, **max value** = 33.2941912158265, which accounts for **range** = 33.2941912158265. It has a **skewness** of 0.667909015303634, a **kurtosis** of 0.180188293897384, and a **standard error** of 0.0460201392979267.

The **v_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.97129696658252, **median** = 2.14092310680117, **standard deviation** = 0.656431306251316, **min value** = 0, **max value** = 2.69609815137538, which accounts for **range** = 2.69609815137538. It has a **skewness** of -1.86224685278518, a **kurtosis** of 3.15914172100246, and a **standard error** of 0.00574096692429537.

The **v_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.571787213185562, **median** = 0.506978754592284, **standard deviation** = 0.409191914349396, **min value** = 0, **max value** = 8.66944444444444, which accounts for **range** = 8.66944444444444. It has a **skewness** of 3.01423927511172, a **kurtosis** of 26.40377673881, and a **standard error** of 0.00357867948039274.

The **v_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.904023477290547, **median** = 0.962114743219853, **standard deviation** = 0.334216690150611, **min value** = 0, **max value** = 1.68912733747171, which accounts for **range** = 1.68912733747171. It has a **skewness** of -1.19335395243674, a **kurtosis** of 1.46918268902362, and a **standard error** of 0.00292296687472055.

The **v_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.313349081782579, **median** = -0.314891707870591, **standard deviation** = 0.115784786675392, **min value** = -0.935524532127574, **max value** = 0, which accounts for **range** = 0.935524532127574. It has a **skewness** of 0.667262183109265, a **kurtosis** of 2.92180959717046, and a **standard error** of 0.00101262176911704.

The **v_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.736608667750746, **median** = 0.788948100100218, **standard deviation** = 0.212270627606546, **min value** = 0, **max value** = 0.972986297108887, which accounts for **range** = 0.972986297108887. It has a **skewness** of -2.94044081650331, a **kurtosis** of 7.48221852845704, and a **standard error** of 0.00185646028835505.

The **v_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.763582715956033, **median** = 0.850094621361082, **standard deviation** = 0.245828114236101, **min value** = 0, **max value** = 1.07243970679374, which accounts for **range** = 1.07243970679374. It has a **skewness** of -2.27267760012673, a **kurtosis** of 4.21193697861979, and a **standard error** of 0.00214994479917605.

The **v_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.313295597086402, **median** = 0.244715017753728, **standard deviation** = 0.231914710933076, **min value** = 0.0547702802795186, **max value** = 1, which accounts for **range** = 0.945229719720481. It has a **skewness** of 1.84099861551819, a **kurtosis** of 2.91112897305355, and a **standard error** of 0.00202826201621557.

The **v_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -18.8180625822161, **median** = -17.3602633192114, **standard deviation** = 18.5143296668217, **min value** = -156.339259768778, **max value** = 137.293615507299, which accounts for **range** = 293.632875276077. It has a **skewness** of 0.0212665550654042, a **kurtosis** of 4.237736530744, and a **standard error** of 0.161921214345665.

The **v_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 276.200654793104, **median** = 233.674686611484, **standard deviation** = 213.116418054423, **min value** = 0, **max value** = 1835.81305495936, which accounts for **range** = 1835.81305495936. It has a **skewness** of 1.12231437820197, a **kurtosis** of 1.81222567162296, and a **standard error** of 1.86385733803856.

The **v_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0022990909222527, **median** = 0, **standard deviation** = 0.0918442931589588, **min value** = -2.71243887083521, **max value** = 2.68921101663727, which accounts for **range** = 5.40164988747248. It has a **skewness** of -1.72381057436423, a **kurtosis** of 206.911850570211, and a **standard error** of 0.000803244824232991.

The **v_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.898085977860217, **median** = 0.844737303453561, **standard deviation** = 0.530228802965213, **min value**

= 0, **max value** = 5.30604535606315, which accounts for **range** = 5.30604535606315. It has a **skewness** of 0.863460082755287, a **kurtosis** of 2.46789734308707, and a **standard error** of 0.0046372346826594.

The **v_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00233058519566766, **median** = -0.000100334312306733, **standard deviation** = 0.100429394376031, **min value** = -4.15437907431359, **max value** = 1.60080234542945, which accounts for **range** = 5.75518141974304. It has a **skewness** of -6.77906259794414, a **kurtosis** of 355.39047878193, and a **standard error** of 0.000878327748614526.

The **v_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.92128777921965, **median** = 0.869672488553337, **standard deviation** = 0.54390481249037, **min value** = 0, **max value** = 6.07997403181296, which accounts for **range** = 6.07997403181296. It has a **skewness** of 0.86536622864801, a **kurtosis** of 2.71659130738797, and a **standard error** of 0.00475684128519736.

The **v_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.09016925144501e-05, **median** = 0, **standard deviation** = 0.0136206631104027, **min value** = -0.31546903367747, **max value** = 0.218401078392114, which accounts for **range** = 0.533870112069584. It has a **skewness** of -1.82012877766799, a **kurtosis** of 96.1300899102183, and a **standard error** of 0.000119122558078994.

The **v_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.287152438196505, **median** = 0.263546076319735, **standard deviation** = 0.155601473534666, **min value** = 0, **max value** = 2.22438966293947, which accounts for **range** = 2.22438966293947. It has a **skewness** of 1.17523304337052, a **kurtosis** of 5.54960078898614, and a **standard error** of 0.0013608475166054.

The **v_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0417076754609321, **median** = -0.0019497192987472, **standard deviation** = 0.683535187923752, **min value** = -10.2399363651397, **max value** = 10.2335612132228, which accounts for **range** = 20.4734975783625. It has a **skewness** of 1.49314434332797, a **kurtosis** of 51.2099509761025, and a **standard error** of 0.00597800998839004.

The **v_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.5529734777177, **median** = 2.4571379662665, **standard deviation** = 1.44997411531632, **min value** = 0, **max value** = 12.2812409252936, which accounts for **range** = 12.2812409252936. It has a **skewness** of 0.621110723906691, a **kurtosis** of 1.41020053180031, and a **standard error** of 0.0126810731874639.

The **v_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0351451603242734, **median** = -0.0039545818735279, **standard deviation** = 0.629610718138994, **min value** = -8.91383121561795, **max value** = 16.5296928141359, which accounts for **range** = 25.4435240297538. It has a **skewness** of 2.65764186244255, a **kurtosis** of 91.6288608986195, and a **standard error** of 0.00550640146744308.

The **v_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.49251355664405, **median** = 2.39654996992234, **standard deviation** = 1.42903797482774, **min value** = 0, **max value** = 11.8157797949545, which accounts for **range** = 11.8157797949545. It has a **skewness** of 0.637568050871431, a **kurtosis** of 1.41954512779861, and a **standard error** of 0.0124979714844788.

The **v_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00812243765169011, **median** = -0.00618705418965165, **standard deviation** = 0.153996838644219, **min value** = -2.53953231188764, **max value** = 3.00029995604704, which accounts for **range** = 5.53983226793468. It has a **skewness** of -0.021201122183255, a **kurtosis** of 88.4997129511155, and a **standard error** of 0.00134681382298979.

The **v_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.924606297121012, **median** = 0.877949273527564, **standard deviation** = 0.540279521205936, **min value** = 0, **max value** = 5.33698925696058, which accounts for **range** = 5.33698925696058. It has a **skewness** of 0.910992801893842, a **kurtosis** of 3.02090293701138, and a **standard error** of 0.00472513548878474.

The **v_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

60.9392951944078, **median** = 60.2307846923771, **standard deviation** = 4.71584448526249, **min value** = 51.7755494505494, **max value** = 77.2834866369271, which accounts for **range** = 25.5079371863777. It has a **skewness** of 0.534434001491881, a **kurtosis** of -0.391441508789318, and a **standard error** of 0.0412434735397089.

The **v_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 9.82446981858382, **median** = 9.88793954254712, **standard deviation** = 1.18701620838872, **min value** = 5.00931726522442, **max value** = 15.2301390398247, which accounts for **range** = 10.2208217746003. It has a **skewness** of -0.309972441411954, a **kurtosis** of 0.461948012489356, and a **standard error** of 0.0103813159519744.

The **v_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.17430806255117, **median** = 0.184532352082693, **standard deviation** = 0.380745458849388, **min value** = -1.49187033301444, **max value** = 1.59057164193166, which accounts for **range** = 3.0824419749461. It has a **skewness** of -0.108595851302327, a **kurtosis** of -0.250221422825843, and a **standard error** of 0.00332989463636755.

The **v_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.599905277769707, **median** = -0.716313298236861, **standard deviation** = 0.537445239723151, **min value** = -1.5571453849202, **max value** = 5.76062032582332, which accounts for **range** = 7.31776571074352. It has a **skewness** of 1.92467102830234, a **kurtosis** of 7.18105639203349, and a **standard error** of 0.00470034764565196.

The **v_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0317730060186821, **median** = 0.0297420152282587, **standard deviation** = 0.00756045083463068, **min value** = 0.0227881119597843, **max value** = 0.142442651293615, which accounts for **range** = 0.119654539333831. It has a **skewness** of 4.01229483303505, a **kurtosis** of 29.1308464521787, and a **standard error** of 6.61216151043209e-05.

The **v_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.17450803008362, **median** = 5.21760666061889, **standard deviation** = 0.174276545785276, **min value** = 3.8599051512592, **max value** = 5.55132252008835, which accounts for **range** = 1.69141736882915. It has a **skewness** of -1.59164118346608, a **kurtosis** of 4.0511423720944, and a **standard error** of 0.00152417454119817.

The **v_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0683164068113759, **median** = 0.0615041934672604, **standard deviation** = 0.0249628110438425, **min value** = 0.0371670366054492, **max value** = 0.447413543932563, which accounts for **range** = 0.410246507327114. It has a **skewness** of 3.7942791495952, a **kurtosis** of 26.7836812282646, and a **standard error** of 0.0002183178516554.

The **v_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.0712942852478, **median** = 3.1088308645995, **standard deviation** = 0.185863328379144, **min value** = 1.65011944981514, **max value** = 3.49150396544052, which accounts for **range** = 1.84138451562538. It has a **skewness** of -1.27773417491544, a **kurtosis** of 2.80104122345773, and a **standard error** of 0.00162550934195634.

The **v_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.923241564259118, **median** = 0.929078334959173, **standard deviation** = 0.182547210678042, **min value** = 0.269491148837563, **max value** = 1.65111392262979, which accounts for **range** = 1.38162277379223. It has a **skewness** of -0.107821507377354, a **kurtosis** of 0.186961586011251, and a **standard error** of 0.00159650749232211.

The **v_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.732760203935537, **median** = 0.728400763408655, **standard deviation** = 0.0346466144081762, **min value** = 0.638047407607115, **max value** = 0.907789639159696, which accounts for **range** = 0.269742231552581. It has a **skewness** of 0.847926072618598, a **kurtosis** of 1.17335617506042, and a **standard error** of 0.000303009721599116.

The **v_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.825640816228004, **median** = 0.821285297786768, **standard deviation** = 0.0498389212542868, **min value** = 0.578625633977247, **max value** = 0.964853454091497, which accounts for **range** = 0.38622782011425. It has a **skewness** of 0.18962741655627, a **kurtosis** of -0.253852477778258, and a **standard error** of 0.000435877441765216.

The **v_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.80198163345914, **median** = 2.76568662988777, **standard deviation** = 0.668722735028468, **min value** = 0.772616911985006, **max value** = 6.23299483554968, which accounts for **range** = 5.46037792356467. It has a **skewness** of 0.371473213180231, a **kurtosis** of 0.445363816089148, and a **standard error** of 0.00584846436597734.

The **v_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 8.8253112783387, **median** = 8.61545123656204, **standard deviation** = 1.32493470090582, **min value** = 5.65002870376271, **max value** = 13.8456063420912, which accounts for **range** = 8.19557763832849. It has a **skewness** of 0.549347542941194, a **kurtosis** of -0.322796929286401, and a **standard error** of 0.0115875129999351.

The **v_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 10.2813852367458, **median** = 10.0728691056798, **standard deviation** = 2.69238895954409, **min value** = 2.37024695576765, **max value** = 24.0571726010342, which accounts for **range** = 21.6869256452665. It has a **skewness** of 0.486092634493651, a **kurtosis** of 0.507328627516757, and a **standard error** of 0.02354689030959.

The **v_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.44954860502699, **median** = 2.47623434793737, **standard deviation** = 0.119324880979149, **min value** = 1.45564582607703, **max value** = 2.65091635218188, which accounts for **range** = 1.19527052610485. It has a **skewness** of -1.50751411737643, a **kurtosis** of 3.74815228964444, and a **standard error** of 0.00104358245626467.

The **v_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.52001067890798, **median** = 0.523108194146549, **standard deviation** = 0.072367442142416, **min value** = 0.226686853531914, **max value** = 0.787405448959879, which accounts for **range** = 0.560718595427965. It has a **skewness** of -0.196428504560267, a **kurtosis** of 0.25346653708235, and a **standard error** of 0.000632905663972721.

The **v_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.980628111983841, **median** = 0.988906590875295, **standard deviation** = 0.0744455686439551, **min value** = 0.544390300341439, **max value** = 1.19867115247421, which accounts for **range** = 0.654280852132771. It has a **skewness** of -0.800122813774935, a **kurtosis** of 1.35238798582352, and a **standard error** of 0.000651080384459422.

The **v_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.329277632099777, **median** = -0.313324555150785, **standard deviation** = 0.0650459365238538, **min value** = -0.621166610150738, **max value** = -0.209787248261956, which accounts for **range** = 0.411379361888782. It has a **skewness** of -1.12949290416046, a **kurtosis** of 1.00501442856774, and a **standard error** of 0.000568873797740985.

The **v_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.826619112623166, **median** = 0.823717239111219, **standard deviation** = 0.0455446464899104, **min value** = 0.636554803872417, **max value** = 0.937931957579659, which accounts for **range** = 0.301377153707242. It has a **skewness** of 0.0863093325271853, a **kurtosis** of -0.638160075598236, and a **standard error** of 0.000398320900583612.

The **v_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.908272766862087, **median** = 0.90445233259758, **standard deviation** = 0.0363622919209905, **min value** = 0.739762349003528, **max value** = 1.04555549395116, which accounts for **range** = 0.305793144947632. It has a **skewness** of 0.343786483048805, a **kurtosis** of -0.0880810482787164, and a **standard error** of

0.000318014563324403.

The **v_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.14438230656158, **median** = 0.128764929561365, **standard deviation** = 0.0584134842211952, **min value** = 0.0627429074109364, **max value** = 0.66328485674986, which accounts for **range** = 0.600541949338924. It has a **skewness** of 2.290635890974, a **kurtosis** of 8.05364802455113, and a **standard error** of 0.000510868201521062.

The **v_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.24344119775266, **median** = 6.42839345644024, **standard deviation** = 11.8601113151577, **min value** = -124.25075122392, **max value** = 42.568094592488, which accounts for **range** = 166.818845816408. It has a **skewness** of -1.34912386622522, a **kurtosis** of 4.22010368195849, and a **standard error** of 0.103725258272058.

The **v_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 253.746171432787, **median** = 241.853394767257, **standard deviation** = 94.2670709415399, **min value** = 30.3271277135642, **max value** = 1386.23753411026, which accounts for **range** = 1355.9104063967. It has a **skewness** of 1.09494807619654, a **kurtosis** of 3.55701313207686, and a **standard error** of 0.82443376964473.

The **v_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0028083184059554, **median** = -0.00184417688321073, **standard deviation** = 0.00533301778949557, **min value** = -0.047095543523614, **max value** = 0.0223116006793979, which accounts for **range** = 0.0694071442030119. It has a **skewness** of -1.12728485410657, a **kurtosis** of 4.68011933425972, and a **standard error** of 4.66411008198492e-05.

The **v_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.07018989784531, **median** = 1.06741908840618, **standard deviation** = 0.243033100501153, **min value** = 0.338192484872377, **max value** = 1.81414873207824, which accounts for **range** = 1.47595624720586. It has a **skewness** of -0.0761772974990187, a **kurtosis** of -0.633733528107638, and a **standard error** of 0.00212550038092166.

The **v_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00402272180166062, **median** = -0.00263530560077885, **standard deviation** = 0.00574628880104588, **min value** = -0.0470668859132608, **max value** = 0.0180773898662739, which accounts for **range** = 0.0651442757795347. It has a **skewness** of -1.37358434037594, a **kurtosis** of 3.76609202313228, and a **standard error** of 5.0255454957877e-05.

The **v_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.13655916517233, **median** = 1.13633510040341, **standard deviation** = 0.253887405904857, **min value** = 0.365981052269588, **max value** = 1.85134891389713, which accounts for **range** = 1.48536786162754. It has a **skewness** of -0.133960164350174, a **kurtosis** of -0.549846482125806, and a **standard error** of 0.00222042913845567.

The **v_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00020500507612337, **median** = -7.9775693704045e-05, **standard deviation** = 0.000841483974969237, **min value** = -0.00766401827832346, **max value** = 0.00613067724594944, which accounts for **range** = 0.0137946955242729. It has a **skewness** of -0.907358088690107, a **kurtosis** of 6.61397835715605, and a **standard error** of 7.35938646072657e-06.

The **v_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.360863877487571, **median** = 0.352327033648302, **standard deviation** = 0.0907177666233954, **min value** = 0.146525519211167, **max value** = 0.749906506897072, which accounts for **range** = 0.603380987685905. It has a **skewness** of 0.487563850505926, a **kurtosis** of -0.0979624122966163, and a **standard error** of 0.000793392534254708.

The **v_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0369154948285905, **median** = -0.0335122574841171, **standard deviation** = 0.0293004923128854, **min value** = -0.207833413026518, **max value** = 0.0498742077978397, which accounts for **range** =

0.257707620824358. It has a **skewness** of -0.717904992633763, a **kurtosis** of 0.595106854442324, and a **standard error** of 0.000256254014139669.

The **v_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.67701322475432, **median** = 2.67090317920584, **standard deviation** = 0.476820430993324, **min value** = 0.928176130763972, **max value** = 4.46086909309346, which accounts for **range** = 3.53269296232949. It has a **skewness** of 0.0448541623730686, a **kurtosis** of 0.105489304114127, and a **standard error** of 0.00417013981065814.

The **v_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0390203161683799, **median** = -0.0353744009578044, **standard deviation** = 0.0302128500416685, **min value** = -0.191440874581665, **max value** = 0.164377839199973, which accounts for **range** = 0.355818713781638. It has a **skewness** of -0.642820124444386, a **kurtosis** of 0.363465344001829, and a **standard error** of 0.000264233242878744.

The **v_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.63082823270833, **median** = 2.62568502300282, **standard deviation** = 0.482530156435619, **min value** = 0.982946115591905, **max value** = 4.50164841088501, which accounts for **range** = 3.5187022952931. It has a **skewness** of 0.0791608033966319, a **kurtosis** of 0.174128242663008, and a **standard error** of 0.00422007549257773.

The **v_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00692463005012334, **median** = -0.00566525161819933, **standard deviation** = 0.006373171691767, **min value** = -0.0506681740020434, **max value** = 0.0229674051688661, which accounts for **range** = 0.0736355791709095. It has a **skewness** of -1.20536126926202, a **kurtosis** of 2.24860263246568, and a **standard error** of 5.57379996000405e-05.

The **v_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.982144727143273, **median** = 0.992753148312928, **standard deviation** = 0.19509509116486, **min value** = 0.304923221970121, **max value** = 1.66850471038807, which accounts for **range** = 1.36358148841795. It has a **skewness** of -0.183516075299114, a **kurtosis** of -0.142445710972406, and a **standard error** of 0.00170624778983507.

The **l_S1_Mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 16.7516504629622, **median** = 16.1425629106221, **standard deviation** = 4.0998050258819, **min value** = 7.61095100864553, **max value** = 57.4351019287528, which accounts for **range** = 49.8241509201073. It has a **skewness** of 0.818951578006429, a **kurtosis** of 1.56938191827266, and a **standard error** of 0.0358557625535257.

The **l_S1_Std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 8.62804309878314, **median** = 8.44701394528476, **standard deviation** = 2.43582474545693, **min value** = 1.43001429902676, **max value** = 24.4378308247146, which accounts for **range** = 23.0078165256878. It has a **skewness** of 0.501088582213722, a **kurtosis** of 0.937270080098902, and a **standard error** of 0.0213030505459998.

The **l_S1_Skewness_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.98357089906301, **median** = 1.88810753497062, **standard deviation** = 0.590149531280618, **min value** = 0.553882758601648, **max value** = 9.09085002888562, which accounts for **range** = 8.53696727028397. It has a **skewness** of 2.47044367047445, a **kurtosis** of 14.6124969873692, and a **standard error** of 0.00516128482478765.

The **l_S1_Kurtosis_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 6.29752979846714, **median** = 5.06759024352686, **standard deviation** = 5.42740705453763, **min value** = 0.210034763762822, **max value** = 124.804195095673, which accounts for **range** = 124.59416033191. It has a **skewness** of 6.63220835007973, a **kurtosis** of 83.9758154790858, and a **standard error** of 0.0474666032653519.

The **l_S1_Energy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0566829688115931, **median** = 0.0512401255287964, **standard deviation** = 0.0234918217671167,

min value = 0.0147539316965819, **max value** = 0.376717359116238, which accounts for **range** = 0.361963427419656. It has a **skewness** of 2.09206966315811, a **kurtosis** of 9.32929876106315, and a **standard error** of 0.000205452985669799.

The **l_S1_Entropy1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.63059802048095, **median** = 4.67329187792555, **standard deviation** = 0.478633505230268, **min value** = 1.95077457691053, **max value** = 6.37039557916685, which accounts for **range** = 4.41962100225632. It has a **skewness** of -0.532928997948498, a **kurtosis** of 0.404826759577543, and a **standard error** of 0.00418599645723557.

The **l_S2_Energy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.249920220554343, **median** = 0.223628240834543, **standard deviation** = 0.104314759996465, **min value** = 0.0741787134827131, **max value** = 0.920721025364691, which accounts for **range** = 0.846542311881978. It has a **skewness** of 1.76766323259815, a **kurtosis** of 4.61299808998073, and a **standard error** of 0.000912308083347629.

The **l_S2_Entropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.96814525753628, **median** = 2.00902706858423, **standard deviation** = 0.332449284074112, **min value** = 0.259611840898348, **max value** = 2.99302558536444, which accounts for **range** = 2.73341374446609. It has a **skewness** of -0.876702599621003, a **kurtosis** of 1.48665787084829, and a **standard error** of 0.00290750962926264.

The **l_S2_Contrast_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.490865381155872, **median** = 0.48910643710516, **standard deviation** = 0.11942352167308, **min value** = 0.0537375761837754, **max value** = 1.14371888606729, which accounts for **range** = 1.08998130988351. It has a **skewness** of 0.0937958388588053, a **kurtosis** of 0.526287383883338, and a **standard error** of 0.00104444514053317.

The **l_S2_Homogeneity_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.824764600310245, **median** = 0.821898305798163, **standard deviation** = 0.0347110441566716, **min value** = 0.706139843351103, **max value** = 0.983329599783955, which accounts for **range** = 0.277189756432852. It has a **skewness** of 0.618785529215035, a **kurtosis** of 0.987452293468969, and a **standard error** of 0.000303573206386526.

The **l_S2_Correlation_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745853456447746, **median** = 0.747220944105617, **standard deviation** = 0.03000994834208, **min value** = 0.54721510724479, **max value** = 0.9301091423123, which accounts for **range** = 0.38289403506751. It has a **skewness** of -0.398155595115131, a **kurtosis** of 1.55279498744832, and a **standard error** of 0.00026245872064751.

The **l_S2_Variance_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.982122257421403, **median** = 0.983109019701324, **standard deviation** = 0.269860207187809, **min value** = 0.104253242639314, **max value** = 2.69663236031266, which accounts for **range** = 2.59237911767335. It has a **skewness** of 0.0448186923747349, a **kurtosis** of 0.196301308164688, and a **standard error** of 0.00236012284742491.

The **l_S2_SumAverage_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.58533971744982, **median** = 3.54815264769342, **standard deviation** = 0.537100930853511, **min value** = 2.09894174528006, **max value** = 6.12780099629033, which accounts for **range** = 4.02885925101027. It has a **skewness** of 0.39424571046212, a **kurtosis** of 0.38831538595042, and a **standard error** of 0.00469733641536248.

The **l_S2_SumVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.43758294827295, **median** = 3.44314717182035, **standard deviation** = 0.971242979731058, **min value** = 0.345690024661808, **max value** = 9.64482096891455, which accounts for **range** = 9.29913094425274. It has a **skewness** of 0.0681013744157968, a **kurtosis** of 0.185634982471774, and a **standard error** of 0.00849422288210513.

The **l_S2_SumEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 1.63390068669047, **median** = 1.66887923842248, **standard deviation** = 0.260404618666301, **min value** = 0.230368214566011, **max value** = 2.34246932101383, which accounts for **range** = 2.11210110644782. It has a **skewness** of -0.994930138419212, a **kurtosis** of 1.78500285158885, and a **standard error** of 0.0022774268814727.

The **l_S2_DiffVar_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.334673781790711, **median** = 0.333943801547805, **standard deviation** = 0.0630974084881046, **min value** = 0.0519168443094474, **max value** = 0.85094263772036, which accounts for **range** = 0.799025793410913. It has a **skewness** of -0.0230737627925031, a **kurtosis** of 1.08118411830758, and a **standard error** of 0.000551832509646148.

The **l_S2_DifEntropy_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.760343328409696, **median** = 0.770314107883572, **standard deviation** = 0.0929077941970438, **min value** = 0.15629535648322, **max value** = 1.07722847830904, which accounts for **range** = 0.92093312182582. It has a **skewness** of -1.10776729659772, a **kurtosis** of 3.23547048675268, and a **standard error** of 0.000812545910615459.

The **l_S2_IMC1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -0.298390224563187, **median** = -0.297516213045874, **standard deviation** = 0.0266481592795218, **min value** = -0.537078820227511, **max value** = -0.161576611309749, which accounts for **range** = 0.375502208917762. It has a **skewness** of -0.297934967674647, a **kurtosis** of 1.616001429684, and a **standard error** of 0.000233057441898602.

The **l_S2_IMC2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.695785231222131, **median** = 0.701976146102187, **standard deviation** = 0.0488105847782373, **min value** = 0.328009634164345, **max value** = 0.845249733271409, which accounts for **range** = 0.517240099107064. It has a **skewness** of -1.21777181802468, a **kurtosis** of 3.67717178476164, and a **standard error** of 0.000426883894931259.

The **l_S2_MCC_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.897203811756768, **median** = 0.895326072911308, **standard deviation** = 0.0267637073537367, **min value** = 0.748898750530467, **max value** = 1.05690900657703, which accounts for **range** = 0.308010256046563. It has a **skewness** of 0.783913520032487, a **kurtosis** of 2.42040102351682, and a **standard error** of 0.000234067993445911.

The **l_S2_MaxProb_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.420253859116497, **median** = 0.401657311192186, **standard deviation** = 0.12756439828741, **min value** = 0.150149489492026, **max value** = 0.959371729188649, which accounts for **range** = 0.809222239696623. It has a **skewness** of 0.7815376884451, a **kurtosis** of 0.446447739631972, and a **standard error** of 0.00111564299921625.

The **l_S2_CluShade_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 11.1730478376004, **median** = 10.8563188573808, **standard deviation** = 3.75530188349255, **min value** = 1.41320121857503, **max value** = 64.6792965885734, which accounts for **range** = 63.2660953699984. It has a **skewness** of 0.903441815326643, a **kurtosis** of 4.77515937023949, and a **standard error** of 0.0328428332082336.

The **l_S2_CluPromi_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 88.6224988699497, **median** = 85.3355248674242, **standard deviation** = 34.2342066394266, **min value** = 7.3203971093089, **max value** = 628.19916702904, which accounts for **range** = 620.878769919731. It has a **skewness** of 1.17358926543623, a **kurtosis** of 7.2895910253188, and a **standard error** of 0.29940291714423.

The **l_Wav_Mean_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00280884457376185, **median** = 0.002953709457111, **standard deviation** = 0.0077395094710968, **min value** = -0.0496004332305993, **max value** = 0.0646355931418124, which accounts for **range** = 0.114236026372412. It has a **skewness** of -0.200403350187269, a **kurtosis** of 2.8565601255032, and a **standard error** of 6.76876124899908e-05.

The **l_Wav_Std_H1_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 1.12520707933452, **median** = 1.10921671912262, **standard deviation** = 0.196521490058841, **min value** = 0.49289589221053, **max value** = 2.13896167083402, which accounts for **range** = 1.64606577862349. It has a **skewness** of 0.599337979254066, a **kurtosis** of 0.9849862871143, and a **standard error** of 0.00171872268064727.

The **l_Wav_Mean_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00173380667800082, **median** = 0.00224706850194463, **standard deviation** = 0.00906712786620346, **min value** = -0.0501940002293072, **max value** = 0.0648072940870752, which accounts for **range** = 0.115001294316382. It has a **skewness** of -0.518293797879053, a **kurtosis** of 1.87993522777071, and a **standard error** of 7.9298596338277e-05.

The **l_Wav_Std_V1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.26779239571653, **median** = 1.24994209612562, **standard deviation** = 0.216022664756967, **min value** = 0.545314121705494, **max value** = 2.38026501678017, which accounts for **range** = 1.83495089507468. It has a **skewness** of 0.529077024841888, a **kurtosis** of 0.971358885723553, and a **standard error** of 0.00188927456910943.

The **l_Wav_Mean_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = -7.9855999379322e-05, **median** = -3.60658778386551e-05, **standard deviation** = 0.00100329534455926, **min value** = -0.00794710505333374, **max value** = 0.00589995322602254, which accounts for **range** = 0.0138470582793563. It has a **skewness** of -0.627681359232484, a **kurtosis** of 3.82587533651177, and a **standard error** of 8.7745440133062e-06.

The **l_Wav_Std_D1_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.401159816222527, **median** = 0.402145251198553, **standard deviation** = 0.0673140147971616, **min value** = 0.202940792871279, **max value** = 0.845654867975651, which accounts for **range** = 0.642714075104372. It has a **skewness** of 0.256020966692283, a **kurtosis** of 0.191253359663575, and a **standard error** of 0.000588709783966462.

The **l_Wav_Mean_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0774380740211083, **median** = 0.0554412070760144, **standard deviation** = 0.085459917923047, **min value** = -0.192517758783278, **max value** = 0.500674604528601, which accounts for **range** = 0.693192363311879. It has a **skewness** of 1.25719887195549, a **kurtosis** of 1.81862479550917, and a **standard error** of 0.000747408841529832.

The **l_Wav_Std_H2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.27808302840717, **median** = 3.22004300591687, **standard deviation** = 0.702367614413725, **min value** = 0.883714278216838, **max value** = 7.33376879352247, which accounts for **range** = 6.45005451530563. It has a **skewness** of 0.479586769756547, a **kurtosis** of 0.692892854640771, and a **standard error** of 0.00614271318970531.

The **l_Wav_Mean_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0972861054370624, **median** = 0.0717351588577417, **standard deviation** = 0.0925649462545619, **min value** = -0.12103213819295, **max value** = 0.583170128344089, which accounts for **range** = 0.704202266537039. It has a **skewness** of 1.27377488089878, a **kurtosis** of 1.76900290658736, and a **standard error** of 0.000809547457191456.

The **l_Wav_Std_V2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.36564499213427, **median** = 3.29996982067094, **standard deviation** = 0.726128314085373, **min value** = 0.948083058209828, **max value** = 7.53469146220866, which accounts for **range** = 6.58660840399883. It has a **skewness** of 0.484524206365545, a **kurtosis** of 0.569294849070304, and a **standard error** of 0.00635051770727477.

The **l_Wav_Mean_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0110643192716687, **median** = 0.0100122683650383, **standard deviation** = 0.0141536301994818, **min value** = -0.0628555130219043, **max value** = 0.113663349094282, which accounts for **range** = 0.176518862116186. It has a **skewness** of 0.587915622617584, a **kurtosis** of 2.42680330620356, and a **standard error** of 0.000123783741055799.

The **l_Wav_Std_D2_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.36199978010605, **median** = 1.3354380046832, **standard deviation** = 0.248658554720244, **min value** = 0.515581727550516, **max value** = 3.21741504811831, which accounts for **range** = 2.70183332056779. It has a **skewness** of 0.545218990842314, a **kurtosis** of 0.710730682401118, and a **standard error** of 0.00217469904999546.

The **l_S1_Mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 54.8807289780935, **median** = 55.1171440137268, **standard deviation** = 26.4613854363611, **min value** = 0, **max value** = 161.813249166608, which accounts for **range** = 161.813249166608. It has a **skewness** of 0.084605237846036, a **kurtosis** of 0.392808147706067, and a **standard error** of 0.231423969445815.

The **l_S1_Std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 19.4952226003478, **median** = 20.2378388444099, **standard deviation** = 7.15520515075107, **min value** = 0, **max value** = 69.6442509085819, which accounts for **range** = 69.6442509085819. It has a **skewness** of -0.839610661477008, a **kurtosis** of 3.06928251331964, and a **standard error** of 0.0625774482658252.

The **l_S1_Skewness_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.127210942585585, **median** = 0.015205267950752, **standard deviation** = 0.586159635187181, **min value** = -2.20392608867785, **max value** = 4.34688909125447, which accounts for **range** = 6.55081517993232. It has a **skewness** of 0.792366471085499, a **kurtosis** of 1.97700457971277, and a **standard error** of 0.00512639029540481.

The **l_S1_Kurtosis_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.0747180085000684, **median** = -0.337664346172868, **standard deviation** = 1.19566755097483, **min value** = -1.75628686090694, **max value** = 33.0415992243496, which accounts for **range** = 34.7978860852565. It has a **skewness** of 5.77341457692296, a **kurtosis** of 81.5940277114514, and a **standard error** of 0.0104569782050763.

The **l_S1_Energy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0907074407592459, **median** = 0.0164248418210185, **standard deviation** = 0.253491767182011, **min value** = 0.00600784548481641, **max value** = 1, which accounts for **range** = 0.993992154515184. It has a **skewness** of 3.29680266458784, a **kurtosis** of 8.91001146704964, and a **standard error** of 0.00221696899144532.

The **l_S1_Entropy1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.59614868206733, **median** = 6.13368515709075, **standard deviation** = 1.65840478558184, **min value** = 0, **max value** = 7.5326626415477, which accounts for **range** = 7.5326626415477. It has a **skewness** of -2.73990946562261, a **kurtosis** of 6.41746591539433, and a **standard error** of 0.0145039502693576.

The **l_S2_Energy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.155945829988112, **median** = 0.075102383741707, **standard deviation** = 0.241787035092167, **min value** = 0.0309262720926424, **max value** = 1, which accounts for **range** = 0.969073727907358. It has a **skewness** of 3.04035513649477, a **kurtosis** of 7.73034605906964, and a **standard error** of 0.0021146026369683.

The **l_S2_Entropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.66500173844107, **median** = 2.91713050344961, **standard deviation** = 0.837225401802758, **min value** = 0, **max value** = 3.62150087924338, which accounts for **range** = 3.62150087924338. It has a **skewness** of -2.26750827958071, a **kurtosis** of 4.59245163516076, and a **standard error** of 0.00732214215586081.

The **l_S2_Contrast_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.16704551041394, **median** = 0.944204060011645, **standard deviation** = 1.21840845478417, **min value** = 0, **max value** = 25.2083333333333, which accounts for **range** = 25.2083333333333. It has a **skewness** of 5.81688208593304, a **kurtosis** of 65.0307246489665, and a **standard error** of 0.0106558638696609.

The **l_S2_Homogeneity_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.730888028508427, **median** = 0.716850137443996, **standard deviation** = 0.111357829643997, **min value** = 0.26892094017094, **max value** = 1, which accounts for **range** = 0.73107905982906. It has a **skewness** of 0.474821125439393, a **kurtosis** of 1.07032189929486, and a **standard error** of 0.000973904825469652.

The **l_S2_Correlation_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.739119402381595, **median** = 0.803279988445935, **standard deviation** = 0.226317623653006, **min value** = -0.34950538448912, **max value** = 0.983055486886511, which accounts for **range** = 1.33256087137563. It has a **skewness** of -2.66593002986069, a **kurtosis** of 5.97274326841132, and a **standard error** of 0.00197931143655663.

The **l_S2_Variance_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.45240726408888, **median** = 2.45435908769855, **standard deviation** = 1.17732075180151, **min value** = 0, **max value** = 9.30364182124291, which accounts for **range** = 9.30364182124291. It has a **skewness** of 0.0977484211378952, a **kurtosis** of 0.683083371618674, and a **standard error** of 0.0102965221661615.

The **l_S2_SumAverage_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 7.45686486416132, **median** = 7.85627787983463, **standard deviation** = 2.2958125799744, **min value** = 2, **max value** = 14.4597975553858, which accounts for **range** = 12.4597975553858. It has a **skewness** of -0.759504249650514, a **kurtosis** of 0.24240222265331, and a **standard error** of 0.0200785428124725.

The **l_S2_SumVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 8.73328223934652, **median** = 8.76545793247648, **standard deviation** = 4.13161131384002, **min value** = 0, **max value** = 32.5870213715606, which accounts for **range** = 32.5870213715606. It has a **skewness** of 0.0658584572088076, a **kurtosis** of 0.789401361106666, and a **standard error** of 0.0361339315643777.

The **l_S2_SumEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.15284383934489, **median** = 2.36382957855096, **standard deviation** = 0.644907128827837, **min value** = 0, **max value** = 2.6791420123429, which accounts for **range** = 2.6791420123429. It has a **skewness** of -2.65214103162901, a **kurtosis** of 6.06221146048505, and a **standard error** of 0.00564017965106838.

The **l_S2_DiffVar_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.548929265336954, **median** = 0.493288265332893, **standard deviation** = 0.374473072596088, **min value** = 0, **max value** = 4.76806183281681, which accounts for **range** = 4.76806183281681. It has a **skewness** of 2.44457341221851, a **kurtosis** of 13.5356950293112, and a **standard error** of 0.00327503807837942.

The **l_S2_DifEntropy_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.921312980045759, **median** = 0.983924644954001, **standard deviation** = 0.320511438203989, **min value** = 0, **max value** = 1.65455091083283, which accounts for **range** = 1.65455091083283. It has a **skewness** of -1.46076447398403, a **kurtosis** of 2.38790363973012, and a **standard error** of 0.00280310452604005.

The **l_S2_IMC1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.322704060215565, **median** = -0.319915981309094, **standard deviation** = 0.12418407096767, **min value** = -0.933959895803284, **max value** = 0, which accounts for **range** = 0.933959895803284. It has a **skewness** of 0.505360400819616, a **kurtosis** of 2.20855578035641, and a **standard error** of 0.00108607958998957.

The **l_S2_IMC2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.764563362432874, **median** = 0.817575047714936, **standard deviation** = 0.218855730258151, **min value** = 0, **max value** = 0.979361412966069, which accounts for **range** = 0.979361412966069. It has a **skewness** of -3.00975329045454, a **kurtosis** of 7.75094155641914, and a **standard error** of 0.00191405177760295.

The **l_S2_MCC_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.783632645265893, **median** = 0.867868007077984, **standard deviation** = 0.249682257598318, **min value** = 0, **max value** = 1.05548345747049, which accounts for **range** = 1.05548345747049. It has a **skewness** of -2.35033525302838, a **kurtosis** of 4.50755396817126, and a **standard error** of 0.00218365207266113.

The **l_S2_MaxProb_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.237888539250988, **median** = 0.158271095519368, **standard deviation** = 0.231672115321101, **min value** = 0.0558252657327636, **max value** = 1, which accounts for **range** = 0.944174734267236. It has a **skewness** of 2.5409269080004, a **kurtosis** of 5.57357918387128, and a **standard error** of 0.00202614034198848.

The **l_S2_CluShade_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.32795718139266, **median** = 0, **standard deviation** = 16.8801667251392, **min value** = -103.277291183947,

max value = 140.581822323807, which accounts for **range** = 243.859113507754. It has a **skewness** of 0.886131922477279, a **kurtosis** of 3.50205239484725, and a **standard error** of 0.147629276548419.

The **l_S2_CluPromi_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 231.434293310107, **median** = 208.923684298383, **standard deviation** = 156.502888308792, **min value** = 0, **max value** = 1578.45476950847, which accounts for **range** = 1578.45476950847. It has a **skewness** of 1.36175949814631, a **kurtosis** of 4.11937708879913, and a **standard error** of 1.36873104128505.

The **l_Wav_Mean_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.025525708281838, **median** = 0.00583187451113625, **standard deviation** = 0.202064587190584, **min value** = -5.57091549504549, **max value** = 4.86752370157494, which accounts for **range** = 10.4384391966204. It has a **skewness** of 0.699331980939776, a **kurtosis** of 144.891922198611, and a **standard error** of 0.00176720107737886.

The **l_Wav_Std_H1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.1852766510063, **median** = 2.14792712165479, **standard deviation** = 0.941685189642317, **min value** = 0, **max value** = 10.6730219132821, which accounts for **range** = 10.6730219132821. It has a **skewness** of 0.369945141223291, a **kurtosis** of 3.99407156138101, and a **standard error** of 0.00823571861267323.

The **l_Wav_Mean_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0152148711044826, **median** = 0.00269775421578711, **standard deviation** = 0.22146369320003, **min value** = -6.39838115114253, **max value** = 7.4902561843954, which accounts for **range** = 13.8886373355379. It has a **skewness** of 3.2187963844844, a **kurtosis** of 284.261988420518, and a **standard error** of 0.00193670879140659.

The **l_Wav_Std_V1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.32857301701334, **median** = 2.31288137469359, **standard deviation** = 0.991559006867906, **min value** = 0, **max value** = 12.9360453958444, which accounts for **range** = 12.9360453958444. It has a **skewness** of 0.396416403445674, a **kurtosis** of 5.16234753858092, and a **standard error** of 0.00867190124496657.

The **l_Wav_Mean_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = -0.00125815238790291, **median** = 0, **standard deviation** = 0.0341502602947898, **min value** = -0.595174904156011, **max value** = 0.527886801408992, which accounts for **range** = 1.123061705565. It has a **skewness** of -1.67687023444855, a **kurtosis** of 75.827857020653, and a **standard error** of 0.000298668745596672.

The **l_Wav_Std_D1_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.729167053819903, **median** = 0.718056114283437, **standard deviation** = 0.319542489776544, **min value** = 0, **max value** = 3.53345616056786, which accounts for **range** = 3.53345616056786. It has a **skewness** of 0.56928492448723, a **kurtosis** of 5.22070134481112, and a **standard error** of 0.00279463037067857.

The **l_Wav_Mean_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.779424237439686, **median** = 0.325796480039184, **standard deviation** = 1.77535729605599, **min value** = -16.443607427795, **max value** = 31.8791195124333, which accounts for **range** = 48.3227269402283. It has a **skewness** of 4.32634816826211, a **kurtosis** of 42.569801218128, and a **standard error** of 0.0155267846283398.

The **l_Wav_Std_H2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.59924398935889, **median** = 6.55195141831813, **standard deviation** = 2.88509006287083, **min value** = 0, **max value** = 27.948770418708, which accounts for **range** = 27.948770418708. It has a **skewness** of 0.153656265149508, a **kurtosis** of 2.42525740494188, and a **standard error** of 0.025232200942917.

The **l_Wav_Mean_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.787291030547379, **median** = 0.339621725119108, **standard deviation** = 1.73162139587823, **min value** = -14.0007327429425, **max value** = 35.3672116056416, which accounts for **range** = 49.3679443485841. It has a **skewness** of 5.35935869544775, a **kurtosis** of 61.7513226278743, and a **standard error** of 0.0151442825234985.

The **l_Wav_Std_V2_cyt** variable is a numeric variable with the following descriptive statistics: **mean**

= 6.68117897066884, **median** = 6.66237138240603, **standard deviation** = 2.90055861188011, **min value** = 0, **max value** = 24.6131025142004, which accounts for **range** = 24.6131025142004. It has a **skewness** of 0.123423617435884, a **kurtosis** of 2.43192349107271, and a **standard error** of 0.0253674846007551.

The **l_Wav_Mean_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.122265066607583, **median** = 0.0478365049458108, **standard deviation** = 0.36144547489371, **min value** = -5.07101033559001, **max value** = 9.76947438126542, which accounts for **range** = 14.8404847168554. It has a **skewness** of 5.12709940290219, a **kurtosis** of 98.5502308018235, and a **standard error** of 0.00316110230657797.

The **l_Wav_Std_D2_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.41092642303256, **median** = 2.40233576446404, **standard deviation** = 1.03803843576184, **min value** = 0, **max value** = 8.35005327597417, which accounts for **range** = 8.35005327597417. It has a **skewness** of 0.163971384503887, a **kurtosis** of 2.79640441407326, and a **standard error** of 0.00907839749430612.

The **l_S1_Mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 26.1702847605596, **median** = 22.45903337716, **standard deviation** = 13.0812349310977, **min value** = 8.63532366071429, **max value** = 105.829514563107, which accounts for **range** = 97.1941909023927. It has a **skewness** of 1.52069949721167, a **kurtosis** of 2.61900678505882, and a **standard error** of 0.114404868191368.

The **l_S1_Std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 19.924855047233, **median** = 17.7290615811625, **standard deviation** = 10.2648082794097, **min value** = 2.88719119138468, **max value** = 81.2381603417157, which accounts for **range** = 78.350969150331. It has a **skewness** of 1.13168023249843, a **kurtosis** of 1.23562919900026, and a **standard error** of 0.089773178480557.

The **l_S1_Skewness_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.97810876964689, **median** = 1.90532701783268, **standard deviation** = 1.01071069552967, **min value** = -0.640910424023103, **max value** = 8.54118988684885, which accounts for **range** = 9.18210031087195. It has a **skewness** of 0.763192250981739, a **kurtosis** of 1.56117019358525, and a **standard error** of 0.00883939662506885.

The **l_S1_Kurtosis_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.70558880810773, **median** = 3.61832066093026, **standard deviation** = 7.77184114622067, **min value** = -1.79456974188486, **max value** = 109.084756123075, which accounts for **range** = 110.87932586496. It has a **skewness** of 3.13296267947837, a **kurtosis** of 18.3761136042319, and a **standard error** of 0.0679703763919034.

The **l_S1_Energy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0426819850718145, **median** = 0.0366326801005242, **standard deviation** = 0.0252238124673901, **min value** = 0.00763712812827045, **max value** = 0.324834706831952, which accounts for **range** = 0.317197578703682. It has a **skewness** of 1.56630997534207, a **kurtosis** of 4.52523758883916, and a **standard error** of 0.00022060049802755.

The **l_S1_Entropy1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.33710102540697, **median** = 5.35561757848723, **standard deviation** = 0.77211925694129, **min value** = 2.3655939690714, **max value** = 7.28328522800453, which accounts for **range** = 4.91769125893313. It has a **skewness** of -0.173695406136968, a **kurtosis** of -0.555892720246754, and a **standard error** of 0.0067527417926262.

The **l_S2_Energy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.337095055186065, **median** = 0.307137407450288, **standard deviation** = 0.147820888138469, **min value** = 0.0651957331863051, **max value** = 0.941716834458875, which accounts for **range** = 0.87652110127257. It has a **skewness** of 0.85429862452296, a **kurtosis** of 0.347836001759958, and a **standard error** of 0.00129280066541802.

The **l_S2_Entropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84772280632635, **median** = 1.89993797161759, **standard deviation** = 0.461178739728109, **min value**

= 0.211554961880106, **max value** = 3.02316276404511, which accounts for **range** = 2.811607802165. It has a **skewness** of -0.474033057709884, a **kurtosis** of -0.293113193609235, and a **standard error** of 0.00403334189846463.

The **l_S2_Contrast_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.412269614868042, **median** = 0.408501614243316, **standard deviation** = 0.127826499199856, **min value** = 0.0695632450824092, **max value** = 0.912019009305542, which accounts for **range** = 0.842455764223133. It has a **skewness** of 0.179373352559947, a **kurtosis** of -0.309513860486505, and a **standard error** of 0.00111793526141468.

The **l_S2_Homogeneity_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.863430140904719, **median** = 0.86280145071934, **standard deviation** = 0.0373170958294399, **min value** = 0.715073116003885, **max value** = 0.983650221698722, which accounts for **range** = 0.268577105694837. It has a **skewness** of 0.0797934810057357, a **kurtosis** of -0.174733452754166, and a **standard error** of 0.000326365014628895.

The **l_S2_Correlation_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.846761249036654, **median** = 0.858952705130407, **standard deviation** = 0.0823388281030101, **min value** = 0.409243695339222, **max value** = 0.992856085263192, which accounts for **range** = 0.58361238992397. It has a **skewness** of -0.672173533708662, a **kurtosis** of 0.208313830916656, and a **standard error** of 0.000720112651884473.

The **l_S2_Variance_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84002872219866, **median** = 1.57283449361471, **standard deviation** = 1.1658989588503, **min value** = 0.0616496393157096, **max value** = 9.37799997659203, which accounts for **range** = 9.31635033727632. It has a **skewness** of 1.10080490832527, a **kurtosis** of 1.11703687221516, and a **standard error** of 0.0101966303192545.

The **l_S2_SumAverage_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.7859165652094, **median** = 3.56711259667154, **standard deviation** = 1.00410512242138, **min value** = 2.07348726195089, **max value** = 9.31250820274403, which accounts for **range** = 7.23902094079314. It has a **skewness** of 0.964240850228722, a **kurtosis** of 0.819752423680282, and a **standard error** of 0.00878162610685989.

The **l_S2_SumVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 6.98280511414373, **median** = 5.85961169392156, **standard deviation** = 4.63759915589038, **min value** = 0.215380042002593, **max value** = 37.4458137179809, which accounts for **range** = 37.2304336759783. It has a **skewness** of 1.15474138242109, a **kurtosis** of 1.24842027320756, and a **standard error** of 0.0405591614972637.

The **l_S2_SumEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.57397679614181, **median** = 1.60733520514283, **standard deviation** = 0.397091107530162, **min value** = 0.187867632449282, **max value** = 2.42935327885018, which accounts for **range** = 2.2414856464009. It has a **skewness** of -0.412900228512442, a **kurtosis** of -0.402229017000031, and a **standard error** of 0.00347284916571254.

The **l_S2_DiffVar_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.310311863489179, **median** = 0.312116092888869, **standard deviation** = 0.078549429168344, **min value** = 0.0677840785437568, **max value** = 0.55258526041255, which accounts for **range** = 0.484801181868793. It has a **skewness** of -0.0769048463332137, a **kurtosis** of -0.419196454374763, and a **standard error** of 0.000686971615282922.

The **l_S2_DifEntropy_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.677010756183285, **median** = 0.688208929024073, **standard deviation** = 0.118336404600704, **min value** = 0.15777045768661, **max value** = 0.984581077941357, which accounts for **range** = 0.826810620254747. It has a **skewness** of -0.565687679374245, a **kurtosis** of 0.38078493784548, and a **standard error** of 0.0010349375148366.

The **l_S2_IMC1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = -0.405532152385719, **median** = -0.387997621537088, **standard deviation** = 0.0931824917515595, **min value** = -0.774147277899809, **max value** = -0.185094610593718, which accounts for **range** = 0.589052667306091. It has a **skewness** of -0.669442144149749, a **kurtosis** of -0.200583228884659, and a **standard error** of 0.00081494833956673.

The **l_S2_IMC2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.760341786175616, **median** = 0.768684629346958, **standard deviation** = 0.108728799907904, **min value** = 0.244502607296983, **max value** = 0.958198192287174, which accounts for **range** = 0.713695584990191. It has a **skewness** of -0.52678265103887, a **kurtosis** of -0.00678291038752965, and a **standard error** of 0.000950912057431076.

The **l_S2_MCC_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.939153285257464, **median** = 0.946889132137896, **standard deviation** = 0.0602066682421327, **min value** = 0.394879060629414, **max value** = 1.08003599849509, which accounts for **range** = 0.685156937865676. It has a **skewness** of -1.04230683385001, a **kurtosis** of 2.90016509412643, and a **standard error** of 0.000526550893762185.

The **l_S2_MaxProb_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.536897636963009, **median** = 0.528807685806682, **standard deviation** = 0.143190760715828, **min value** = 0.129210644979667, **max value** = 0.97037067898281, which accounts for **range** = 0.841160034003143. It has a **skewness** of 0.223381223424504, a **kurtosis** of -0.512569549697723, and a **standard error** of 0.00125230684963636.

The **l_S2_CluShade_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 27.6220038456915, **median** = 25.5609570391363, **standard deviation** = 16.0937995483276, **min value** = -65.1464825787189, **max value** = 108.860112531656, which accounts for **range** = 174.006595110375. It has a **skewness** of 0.607688572483919, a **kurtosis** of 0.487432358555768, and a **standard error** of 0.140751926383315.

The **l_S2_CluPromi_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 262.339100548263, **median** = 228.870533209851, **standard deviation** = 173.615910882827, **min value** = 4.26968336934304, **max value** = 1856.65221314403, which accounts for **range** = 1852.38252977469. It has a **skewness** of 1.02756798800025, a **kurtosis** of 1.45804859868597, and a **standard error** of 1.5183968107824.

The **l_Wav_Mean_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0105154879261663, **median** = 0.00714377633929328, **standard deviation** = 0.0129301453776588, **min value** = -0.0307711425251223, **max value** = 0.123946788450522, which accounts for **range** = 0.154717930975644. It has a **skewness** of 1.52525436672416, a **kurtosis** of 4.14539889100506, and a **standard error** of 0.000113083480681908.

The **l_Wav_Std_H1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.59396316545142, **median** = 1.59209210826664, **standard deviation** = 0.217295828676814, **min value** = 0.781528115879317, **max value** = 2.59576123227387, which accounts for **range** = 1.81423311639455. It has a **skewness** of 0.109366105753459, a **kurtosis** of 0.320529470047893, and a **standard error** of 0.00190040930915525.

The **l_Wav_Mean_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0128117682438924, **median** = 0.00841435547956642, **standard deviation** = 0.0154871094731257, **min value** = -0.0412084815962077, **max value** = 0.125593237690805, which accounts for **range** = 0.166801719287013. It has a **skewness** of 1.56272295296414, a **kurtosis** of 3.63718987841288, and a **standard error** of 0.000135445982529231.

The **l_Wav_Std_V1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.73097001671769, **median** = 1.72835134295956, **standard deviation** = 0.236384721883546, **min value** = 0.948365526979223, **max value** = 2.69217121280825, which accounts for **range** = 1.74380568582903. It has a **skewness** of 0.111939123144066, a **kurtosis** of 0.128967657852944, and a **standard error** of 0.00206735549754941.

The **l_Wav_Mean_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.000492139628833396, **median** = 0.000238448980855539, **standard deviation** = 0.00170095164642011, **min value** = -0.0168540648590871, **max value** = 0.0185754881856681, which accounts for **range** = 0.0354295530447552. It has a **skewness** of 1.67632165777156, a **kurtosis** of 9.66596972341724, and a **standard error** of 1.48760533645009e-05.

The **l_Wav_Std_D1_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.525794248174961, **median** = 0.528013860776439, **standard deviation** = 0.0837202469068685, **min value** = 0.276372206908567, **max value** = 0.967477882192694, which accounts for **range** = 0.691105675284127. It has a **skewness** of 0.139293681653209, a **kurtosis** of 0.0905240187947571, and a **standard error** of 0.000732194159250172.

The **l_Wav_Mean_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00499906848804192, **median** = 0.00562376558493917, **standard deviation** = 0.0622773581694872, **min value** = -0.37922160354465, **max value** = 0.31996809366963, which accounts for **range** = 0.69918969721428. It has a **skewness** of -0.202817904745556, a **kurtosis** of 1.93553918859666, and a **standard error** of 0.000544660576024752.

The **l_Wav_Std_H2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.68196745535184, **median** = 4.67155035378468, **standard deviation** = 0.714677654779994, **min value** = 1.26886917821044, **max value** = 8.2313984350049, which accounts for **range** = 6.96252925679446. It has a **skewness** of 0.044074704241015, a **kurtosis** of 0.121222124289549, and a **standard error** of 0.0062503734032059.

The **l_Wav_Mean_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00495905887935639, **median** = 0.00481918871717519, **standard deviation** = 0.0626888567525031, **min value** = -0.384563164614734, **max value** = 0.3220331958359, which accounts for **range** = 0.706596360450634. It has a **skewness** of -0.139466415717632, a **kurtosis** of 1.85878476779424, and a **standard error** of 0.000548259428992293.

The **l_Wav_Std_V2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.77289554384424, **median** = 4.7673141015853, **standard deviation** = 0.755048112353645, **min value** = 1.64510207029916, **max value** = 8.63812918495813, which accounts for **range** = 6.99302711465897. It has a **skewness** of 0.0528347862678585, a **kurtosis** of 0.0433976958719025, and a **standard error** of 0.00660344227643278.

The **l_Wav_Mean_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.01040999963778, **median** = 0.00778254985147211, **standard deviation** = 0.0157219252859005, **min value** = -0.129940060382835, **max value** = 0.120330477459607, which accounts for **range** = 0.250270537842442. It has a **skewness** of 0.783310494276403, a **kurtosis** of 2.91970895976627, and a **standard error** of 0.000137499616780985.

The **l_Wav_Std_D2_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.82980618476591, **median** = 1.81172788789874, **standard deviation** = 0.293278466834155, **min value** = 0.754420468008446, **max value** = 3.5810311659693, which accounts for **range** = 2.82661069796085. It has a **skewness** of 0.439753138940533, a **kurtosis** of 0.736500609734292, and a **standard error** of 0.00256493247910138.

The **Gra_L_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0391527135027629, **median** = 0.0388794285707511, **standard deviation** = 0.00627880836249132, **min value** = 0.0169288223800267, **max value** = 0.113411391158849, which accounts for **range** = 0.0964825687788223. It has a **skewness** of 1.3780531119075, a **kurtosis** of 10.3137777083563, and a **standard error** of 5.49127239815882e-05.

The **Gra_a_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00726345738061904, **median** = 0.00718209470087603, **standard deviation** = 0.0012344343093033, **min value** = 0.00317751606017923, **max value** = 0.0126038109166671, which accounts for **range** = 0.00942629485648787. It has a **skewness** of 0.378023219278872, a **kurtosis** of 0.266124357055892, and a

standard error of 1.07960215675827e-05.

The **Gra_b_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0206925232591306, **median** = 0.0206461304744622, **standard deviation** = 0.00258062305722384, **min value** = 0.00795372337710276, **max value** = 0.039488532156596, which accounts for **range** = 0.0315348087794932. It has a **skewness** of 0.19044831351739, a **kurtosis** of 1.26265703788735, and a **standard error** of 2.25694165931874e-05.

The **Gra_C_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.029333678513663, **median** = 0.0296579254588984, **standard deviation** = 0.00409939759888473, **min value** = 0.00863835105206737, **max value** = 0.0453190220328232, which accounts for **range** = 0.0366806709807558. It has a **skewness** of -0.651721115358171, a **kurtosis** of 1.14072973521508, and a **standard error** of 3.58521993095236e-05.

The **Gra_M_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.022438505674826, **median** = 0.0222394796570534, **standard deviation** = 0.00439936398821759, **min value** = 0.00482988836567397, **max value** = 0.0393692439436655, which accounts for **range** = 0.0345393555779915. It has a **skewness** of 0.0721425697430389, a **kurtosis** of -0.227314355915231, and a **standard error** of 3.84756225118609e-05.

The **Gra_Ye_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.319304404415708, **median** = 0.308517085166063, **standard deviation** = 0.108126338365811, **min value** = 0.069669906760986, **max value** = 1.09488884812129, which accounts for **range** = 1.0252189413603. It has a **skewness** of 0.826938720265123, a **kurtosis** of 1.63460816312424, and a **standard error** of 0.000945643095159813.

The **Gra_K_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.137726582216279, **median** = 0.135781260205692, **standard deviation** = 0.0333298687291533, **min value** = 0.051236536092205, **max value** = 0.282983326317788, which accounts for **range** = 0.231746790225583. It has a **skewness** of 0.284328673591983, a **kurtosis** of -0.329801377687517, and a **standard error** of 0.000291493827523087.

The **Gra_R_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0323011984232309, **median** = 0.0324955873182717, **standard deviation** = 0.00537600071814077, **min value** = 0.0121135589707068, **max value** = 0.0904444613628537, which accounts for **range** = 0.0783309023921469. It has a **skewness** of 0.60180777104866, a **kurtosis** of 6.00285582033844, and a **standard error** of 4.70170176436074e-05.

The **Gra_G_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0780688649783773, **median** = 0.0771208157093619, **standard deviation** = 0.0128969621338153, **min value** = 0.0373763410897524, **max value** = 0.240174082736292, which accounts for **range** = 0.20279774164654. It has a **skewness** of 1.51229999857263, a **kurtosis** of 10.5715152197143, and a **standard error** of 0.000112793269195142.

The **Gra_B_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.01036537051421, **median** = 0.0102924695637931, **standard deviation** = 0.00162205127347738, **min value** = 0.00574303483593873, **max value** = 0.0261926630695543, which accounts for **range** = 0.0204496282336156. It has a **skewness** of 0.865815799424969, a **kurtosis** of 4.03569021059823, and a **standard error** of 1.41860124918839e-05.

The **Gra_X_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0686054041638581, **median** = 0.0668925013529471, **standard deviation** = 0.0160406882154072, **min value** = 0.0272265613821555, **max value** = 0.366874202549539, which accounts for **range** = 0.339647641167383. It has a **skewness** of 4.29346400695209, a **kurtosis** of 55.7937620877303, and a **standard error** of 0.000140287429332828.

The **Gra_Y_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.107106025543404, **median** = 0.103593904609112, **standard deviation** = 0.0286221544159534, **min value** = 0.0381875835743965, **max value** = 0.673968565294601, which accounts for **range** = 0.635780981720204.

It has a **skewness** of 4.57333438932853, a **kurtosis** of 60.5498380811719, and a **standard error** of 0.000250321458223008.

The **Gra_Z_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0245108942227959, **median** = 0.0241116323121327, **standard deviation** = 0.00454288850677141, **min value** = 0.0129994130147038, **max value** = 0.0855375075469769, which accounts for **range** = 0.0725380945322731. It has a **skewness** of 2.20927305252096, a **kurtosis** of 17.0996300771093, and a **standard error** of 3.97308483153777e-05.

The **Gra_H_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.013759117675953, **median** = 0.0100123665460941, **standard deviation** = 0.00925919399519068, **min value** = 0.00272667267782224, **max value** = 0.0577452894785735, which accounts for **range** = 0.0550186168007513. It has a **skewness** of 1.85497289441198, a **kurtosis** of 2.88095806412764, and a **standard error** of 8.09783536613851e-05.

The **Gra_S_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0340571366790299, **median** = 0.0341277368290817, **standard deviation** = 0.00431389149737822, **min value** = 0.0125861113576281, **max value** = 0.0504726297021042, which accounts for **range** = 0.0378865183444761. It has a **skewness** of -0.198140296787321, a **kurtosis** of 0.155064214612464, and a **standard error** of 3.7728103711077e-05.

The **Gra_V_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0107318579402477, **median** = 0.0106013587047043, **standard deviation** = 0.0017584244876555, **min value** = 0.00589040664718013, **max value** = 0.0330056985189726, which accounts for **range** = 0.0271152918717925. It has a **skewness** of 2.06134379715746, a **kurtosis** of 16.0790353871752, and a **standard error** of 1.53786949622363e-05.

The **Gra_u_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00756498935524629, **median** = 0.00756622858880848, **standard deviation** = 0.000711963027949994, **min value** = 0.00491364961641873, **max value** = 0.0104970180801364, which accounts for **range** = 0.00558336846371767. It has a **skewness** of 0.0533272045380758, a **kurtosis** of 0.227460617362202, and a **standard error** of 6.22663202662252e-06.

The **Gra_v_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0195047723105801, **median** = 0.0196711581449951, **standard deviation** = 0.00206202862354115, **min value** = 0.00777407459421677, **max value** = 0.0303601172735756, which accounts for **range** = 0.0225860426793588. It has a **skewness** of -0.436849039757244, a **kurtosis** of 0.944252101658834, and a **standard error** of 1.80339328913235e-05.

The **Gra_l_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.107128677104233, **median** = 0.103577081557837, **standard deviation** = 0.0287345787993996, **min value** = 0.0374399323158269, **max value** = 0.671608067430591, which accounts for **range** = 0.634168135114764. It has a **skewness** of 4.55206827255749, a **kurtosis** of 59.8977439133704, and a **standard error** of 0.000251304690833492.

The **Gra_L_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0199506544786097, **median** = 0.0190718862415553, **standard deviation** = 0.0107348703221745, **min value** = 0, **max value** = 0.0931229300603935, which accounts for **range** = 0.0931229300603935. It has a **skewness** of 0.610117875629512, a **kurtosis** of 1.60812632154327, and a **standard error** of 9.3884211294166e-05.

The **Gra_a_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00795972065499121, **median** = 0.00863693501626115, **standard deviation** = 0.00278322590102302, **min value** = 0, **max value** = 0.0156032822321111, which accounts for **range** = 0.0156032822321111. It has a **skewness** of -1.55498611807286, a **kurtosis** of 2.26320666556295, and a **standard error** of 2.434132511422e-05.

The **Gra_b_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0160008409958335, **median** = 0.0164816061448428, **standard deviation** = 0.0068747199051178, **min**

value = 0, **max value** = 0.0473692731099239, which accounts for **range** = 0.0473692731099239. It has a **skewness** of -0.441730923234523, a **kurtosis** of 0.479872928136335, and a **standard error** of 6.01244017663687e-05.

The **Gra_C_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0397529257236853, **median** = 0.0392632146191444, **standard deviation** = 0.0178695798711533, **min value** = 0, **max value** = 0.187793531332472, which accounts for **range** = 0.187793531332472. It has a **skewness** of 0.939828573339121, a **kurtosis** of 6.60244189296366, and a **standard error** of 0.00015628241068696.

The **Gra_M_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0379208044731799, **median** = 0.0395205832961397, **standard deviation** = 0.0131562451925031, **min value** = 0, **max value** = 0.138872970391595, which accounts for **range** = 0.138872970391595. It has a **skewness** of -1.14552352937918, a **kurtosis** of 3.88086704415852, and a **standard error** of 0.000115060887222773.

The **Gra_Ye_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.255817015196931, **median** = 0.209441323347859, **standard deviation** = 0.45240971695593, **min value** = 0, **max value** = 24.9149425287356, which accounts for **range** = 24.9149425287356. It has a **skewness** of 28.2564410415956, a **kurtosis** of 1125.01087939757, and a **standard error** of 0.00395665044695394.

The **Gra_K_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0704834650919255, **median** = 0.0642126460929592, **standard deviation** = 0.0586227426200978, **min value** = 0, **max value** = 2.49808429118774, which accounts for **range** = 2.49808429118774. It has a **skewness** of 14.5787267808804, a **kurtosis** of 414.146473017591, and a **standard error** of 0.000512698317689031.

The **Gra_R_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0168935666610257, **median** = 0.01525364449229, **standard deviation** = 0.010243941166576, **min value** = 0, **max value** = 0.0886710863102335, which accounts for **range** = 0.0886710863102335. It has a **skewness** of 0.991511938886618, a **kurtosis** of 2.31398997194593, and a **standard error** of 8.95906804743787e-05.

The **Gra_G_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0320247125123748, **median** = 0.0295142452859143, **standard deviation** = 0.0194683833143359, **min value** = 0, **max value** = 0.269032925397766, which accounts for **range** = 0.269032925397766. It has a **skewness** of 1.42595457769796, a **kurtosis** of 7.36186580447671, and a **standard error** of 0.00017026510407521.

The **Gra_B_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0049253051295, **median** = 0.00480949940015417, **standard deviation** = 0.00217892915206019, **min value** = 0, **max value** = 0.0175260169174976, which accounts for **range** = 0.0175260169174976. It has a **skewness** of 0.134250250460645, a **kurtosis** of 1.6817151160395, and a **standard error** of 1.90563126304816e-05.

The **Gra_X_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0341520321631348, **median** = 0.0299106451243155, **standard deviation** = 0.0233889733981716, **min value** = 0, **max value** = 0.320364451920381, which accounts for **range** = 0.320364451920381. It has a **skewness** of 2.34198751857747, a **kurtosis** of 11.6025039676792, and a **standard error** of 0.000204553502237628.

The **Gra_Y_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0468387532017081, **median** = 0.0399959550479418, **standard deviation** = 0.0342711348924813, **min value** = 0, **max value** = 0.549287158995609, which accounts for **range** = 0.549287158995609. It has a **skewness** of 2.94293503184465, a **kurtosis** of 20.0060399361771, and a **standard error** of 0.000299725881447334.

The **Gra_Z_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0118044508612523, **median** = 0.0113022864651638, **standard deviation** = 0.00574052571700535, **min value** = 0, **max value** = 0.0590858267364372, which accounts for **range** = 0.0590858267364372. It has a **skewness** of 0.660024132042591, a **kurtosis** of 2.92768757631719, and a **standard error** of 5.02050526163927e-05.

The **Gra_H_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0292773643160481, **median** = 0.0328305265394501, **standard deviation** = 0.0112811395739465, **min**

value = 0, **max value** = 0.1092044295147, which accounts for **range** = 0.1092044295147. It has a **skewness** of -1.13858546033794, a **kurtosis** of 1.19197670232039, and a **standard error** of 9.86617313123569e-05.

The **Gra_S_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0511656206195599, **median** = 0.0521237608653651, **standard deviation** = 0.0206415450751502, **min value** = 0, **max value** = 0.281212657074726, which accounts for **range** = 0.281212657074726. It has a **skewness** of 0.0556761639940351, a **kurtosis** of 5.95432630765929, and a **standard error** of 0.000180525252854745.

The **Gra_V_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00588372110487628, **median** = 0.0054351892899848, **standard deviation** = 0.00321488719362596, **min value** = 0, **max value** = 0.0271537346736905, which accounts for **range** = 0.0271537346736905. It has a **skewness** of 1.1947704177801, a **kurtosis** of 3.80068598505359, and a **standard error** of 2.81165155716709e-05.

The **Gra_u_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00527700509566189, **median** = 0.00557718912008895, **standard deviation** = 0.00197816855622476, **min value** = 0, **max value** = 0.012846595300347, which accounts for **range** = 0.012846595300347. It has a **skewness** of -1.05501957468666, a **kurtosis** of 1.47767395560976, and a **standard error** of 1.73005159013845e-05.

The **Gra_v_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0112027730229953, **median** = 0.011036643758777, **standard deviation** = 0.00588151777966999, **min value** = 0, **max value** = 0.0329536773185305, which accounts for **range** = 0.0329536773185305. It has a **skewness** of 0.0322923476227571, a **kurtosis** of -0.458298999065209, and a **standard error** of 5.14381302600662e-05.

The **Gra_l_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0468264217707947, **median** = 0.0400228098772828, **standard deviation** = 0.0342438009107732, **min value** = 0, **max value** = 0.556170598911071, which accounts for **range** = 0.556170598911071. It has a **skewness** of 2.9385065300954, a **kurtosis** of 20.0195557132649, and a **standard error** of 0.000299486825991872.

The **Gra_L_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0338423629757438, **median** = 0.0343419926519871, **standard deviation** = 0.00839010022180621, **min value** = 0.00779681150465644, **max value** = 0.100268890780896, which accounts for **range** = 0.0924720792762396. It has a **skewness** of 0.136859776611789, a **kurtosis** of 1.47944982135667, and a **standard error** of 7.33774995284454e-05.

The **Gra_a_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00739014920234907, **median** = 0.0073074009511952, **standard deviation** = 0.00119339826246906, **min value** = 0.00320716238775448, **max value** = 0.0124930110160875, which accounts for **range** = 0.00928584862833302. It has a **skewness** of 0.328758054947367, a **kurtosis** of 0.371402155911859, and a **standard error** of 1.04371316344919e-05.

The **Gra_b_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0197447612295436, **median** = 0.0199008927314864, **standard deviation** = 0.00318006820794627, **min value** = 0.00688108026666913, **max value** = 0.0353152742109268, which accounts for **range** = 0.0284341939442577. It has a **skewness** of -0.211643379208788, a **kurtosis** of 0.826674655638618, and a **standard error** of 2.78119983385333e-05.

The **Gra_C_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0307100754990181, **median** = 0.0307919844790754, **standard deviation** = 0.00466715536787482, **min value** = 0.00988517619310503, **max value** = 0.0547320701207055, which accounts for **range** = 0.0448468939276005. It has a **skewness** of -0.147963886685738, a **kurtosis** of 0.797103932017249, and a **standard error** of 4.08176519650311e-05.

The **Gra_M_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0246890009466452, **median** = 0.0245875415653418, **standard deviation** = 0.00467746405117352, **min value** = 0.00736824709791738, **max value** = 0.042814935745413, which accounts for **range** =

0.0354466886474956. It has a **skewness** of 0.0181482257429353, a **kurtosis** of -0.243163123939872, and a **standard error** of 4.09078088623138e-05.

The **Gra_Ye_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.290757161858087, **median** = 0.279263317710219, **standard deviation** = 0.100857349490903, **min value** = 0.0320490543390469, **max value** = 1.00038108560782, which accounts for **range** = 0.968332031268773. It has a **skewness** of 0.952223866250676, a **kurtosis** of 2.13591902737709, and a **standard error** of 0.000882070525865043.

The **Gra_K_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.117079326208045, **median** = 0.116136072063932, **standard deviation** = 0.0229537664939729, **min value** = 0.0478113293567369, **max value** = 0.229540934389005, which accounts for **range** = 0.181729605032268. It has a **skewness** of 0.263538349909975, a **kurtosis** of 0.0938168488743361, and a **standard error** of 0.000200747302840317.

The **Gra_R_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0284052900593476, **median** = 0.0291171778977707, **standard deviation** = 0.00721223084798372, **min value** = 0.00698892929776965, **max value** = 0.0769469522676387, which accounts for **range** = 0.0699580229698691. It has a **skewness** of -0.0449500779026467, a **kurtosis** of 0.620913914379781, and a **standard error** of 6.3076179265596e-05.

The **Gra_G_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0632660635659194, **median** = 0.0639981683251433, **standard deviation** = 0.0190382962372393, **min value** = 0.0112084626401062, **max value** = 0.200407193471007, which accounts for **range** = 0.189198730830901. It has a **skewness** of 0.166688486168146, a **kurtosis** of 0.668308215578366, and a **standard error** of 0.000166503681271842.

The **Gra_B_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00897842665060055, **median** = 0.0089349571278991, **standard deviation** = 0.00185098034925229, **min value** = 0.00371591003218261, **max value** = 0.0247122500898508, which accounts for **range** = 0.0209963400576682. It has a **skewness** of 0.466251993389389, a **kurtosis** of 1.38771683401398, and a **standard error** of 1.61881629675197e-05.

The **Gra_X_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0573484971730344, **median** = 0.0569178537688455, **standard deviation** = 0.0187629026487688, **min value** = 0.00998236981968462, **max value** = 0.292387170385396, which accounts for **range** = 0.282404800565711. It has a **skewness** of 1.33091061987851, a **kurtosis** of 10.1911021067712, and a **standard error** of 0.000164095164999818.

The **Gra_Y_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0849149370952328, **median** = 0.0832284123586705, **standard deviation** = 0.0325404381685361, **min value** = 0.0118373501155059, **max value** = 0.49317220423656, which accounts for **range** = 0.481334854121054. It has a **skewness** of 1.35718800489073, a **kurtosis** of 8.9461359367384, and a **standard error** of 0.000284589685849204.

The **Gra_Z_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0207637322980423, **median** = 0.020536816770679, **standard deviation** = 0.00507487324944146, **min value** = 0.00709021290242573, **max value** = 0.0803928283482318, which accounts for **range** = 0.0733026154458061. It has a **skewness** of 1.03638463122554, a **kurtosis** of 5.71954619241691, and a **standard error** of 4.4383439961775e-05.

The **Gra_H_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0177096894377577, **median** = 0.0154865229705385, **standard deviation** = 0.00891243469952054, **min value** = 0.00410742207997508, **max value** = 0.0560339737680606, which accounts for **range** = 0.0519265516880855. It has a **skewness** of 1.15899171056955, a **kurtosis** of 0.912823523024115, and a **standard error** of 7.79456926225588e-05.

The **Gra_S_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0356893217282577, **median** = 0.0355654586514032, **standard deviation** = 0.00500205996960934,

min value = 0.0168414692748977, **max value** = 0.0582694777836767, which accounts for **range** = 0.041428008508779. It has a **skewness** of 0.1277864862596, a **kurtosis** of 0.26551117519268, and a **standard error** of 4.37466351244908e-05.

The **Gra_V_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00950244100767153, **median** = 0.00937607633438236, **standard deviation** = 0.0019272702906501, **min value** = 0.00344247091319045, **max value** = 0.0298844492870921, which accounts for **range** = 0.0264419783739017. It has a **skewness** of 1.30717743570696, a **kurtosis** of 7.3891302515835, and a **standard error** of 1.6855373726742e-05.

The **Gra_u_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00697307798850625, **median** = 0.00697897844183284, **standard deviation** = 0.000726555300190922, **min value** = 0.00403806941517894, **max value** = 0.00997470431565389, which accounts for **range** = 0.00593663490047495. It has a **skewness** of -0.104827871250081, a **kurtosis** of 0.411060131785089, and a **standard error** of 6.35425200983735e-06.

The **Gra_v_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0176146916250566, **median** = 0.0182351173537324, **standard deviation** = 0.00338647750315482, **min value** = 0.00505924254847057, **max value** = 0.0282894932382226, which accounts for **range** = 0.023230250689752. It has a **skewness** of -0.715487050145062, a **kurtosis** of 0.239680441070803, and a **standard error** of 2.9617197032402e-05.

The **Gra_l_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0849445845384297, **median** = 0.083212117918421, **standard deviation** = 0.0326680872649631, **min value** = 0.0117431499799439, **max value** = 0.484612029303139, which accounts for **range** = 0.472868879323195. It has a **skewness** of 1.35486562516794, a **kurtosis** of 8.73888535275234, and a **standard error** of 0.000285706069594959.

The **Pgra_L_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0663969321910269, **median** = 0.06534510319147, **standard deviation** = 0.0140771707954981, **min value** = 0.0283177302403282, **max value** = 0.125233192727561, which accounts for **range** = 0.0969154624872328. It has a **skewness** of 0.377667877057048, a **kurtosis** of -0.283128533945108, and a **standard error** of 0.000123115048223599.

The **Pgra_a_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00989634973186368, **median** = 0.00982242789330951, **standard deviation** = 0.000893568679099073, **min value** = 0.00684675727434988, **max value** = 0.0146734639137901, which accounts for **range** = 0.00782670663944022. It has a **skewness** of 0.371601713558298, a **kurtosis** of 0.198710569091208, and a **standard error** of 7.81490489932557e-06.

The **Pgra_b_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0284390962083282, **median** = 0.028320529907506, **standard deviation** = 0.00379990441227377, **min value** = 0.0164317564556052, **max value** = 0.0419766478814685, which accounts for **range** = 0.0255448914258633. It has a **skewness** of 0.120330153155942, a **kurtosis** of -0.511380983570421, and a **standard error** of 3.32329146075124e-05.

The **Pgra_C_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0312554549551272, **median** = 0.0311503029068017, **standard deviation** = 0.00155479104433134, **min value** = 0.0215375792549897, **max value** = 0.0599176568371752, which accounts for **range** = 0.0383800775821855. It has a **skewness** of 0.970847497176022, a **kurtosis** of 11.4760681041209, and a **standard error** of 1.35977731023687e-05.

The **Pgra_M_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0278985304526233, **median** = 0.0279637580540264, **standard deviation** = 0.00114307610415176, **min value** = 0.0215762611799083, **max value** = 0.0366812260236546, which accounts for **range** = 0.0151049648437463. It has a **skewness** of -0.421747892520577, a **kurtosis** of 1.04737686763038, and a **standard error** of 9.99702793482439e-06.

The **Pgra_Ye_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

0.726014356188192, **median** = 0.711829210636158, **standard deviation** = 0.159460933560507, **min value** = 0.200260856701181, **max value** = 1.74014101010975, which accounts for **range** = 1.53988015340857. It has a **skewness** of 0.534401426627217, a **kurtosis** of 0.65789662822175, and a **standard error** of 0.00139460128816228.

The **Pgra_K_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.140270409278245, **median** = 0.137909332686751, **standard deviation** = 0.03213235593209, **min value** = 0.0535690073763317, **max value** = 0.310744276501587, which accounts for **range** = 0.257175269125255. It has a **skewness** of 0.401671141474303, a **kurtosis** of 0.0306979844396342, and a **standard error** of 0.000281020711305305.

The **Pgra_R_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0548231892678621, **median** = 0.0539025603983428, **standard deviation** = 0.0123251993138989, **min value** = 0.0196496554796137, **max value** = 0.103664722402247, which accounts for **range** = 0.0840150669226333. It has a **skewness** of 0.390056429977218, a **kurtosis** of -0.222259206052562, and a **standard error** of 0.000107792789470269.

The **Pgra_G_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.129775837166759, **median** = 0.127100331791278, **standard deviation** = 0.0306521891282465, **min value** = 0.051152610342918, **max value** = 0.260763918888944, which accounts for **range** = 0.209611308546026. It has a **skewness** of 0.429142192832953, a **kurtosis** of -0.201832107840169, and a **standard error** of 0.000268075581202.

The **Pgra_B_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0185813476804218, **median** = 0.018343958704461, **standard deviation** = 0.00323725068509857, **min value** = 0.00866035484927303, **max value** = 0.0315536855668844, which accounts for **range** = 0.0228933307176114. It has a **skewness** of 0.432045297568722, a **kurtosis** of 0.0461115497758273, and a **standard error** of 2.83121004921848e-05.

The **Pgra_X_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.207168123289215, **median** = 0.199585424394227, **standard deviation** = 0.0663635584167491, **min value** = 0.05734323396203, **max value** = 0.517906686908118, which accounts for **range** = 0.460563452946088. It has a **skewness** of 0.569912446851198, a **kurtosis** of -0.0498976411273975, and a **standard error** of 0.000580397354941566.

The **Pgra_Y_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.341940331095513, **median** = 0.326098033113694, **standard deviation** = 0.119111450740697, **min value** = 0.0849741878576759, **max value** = 0.899745906714525, which accounts for **range** = 0.814771718856849. It has a **skewness** of 0.663094019517281, a **kurtosis** of 0.142461667601215, and a **standard error** of 0.0010417158543401.

The **Pgra_Z_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0597919735391301, **median** = 0.0585185500404081, **standard deviation** = 0.0136444878409485, **min value** = 0.0245174537416497, **max value** = 0.125040229532322, which accounts for **range** = 0.100522775790672. It has a **skewness** of 0.510440946179177, a **kurtosis** of 0.0395220577773228, and a **standard error** of 0.000119330922592906.

The **Pgra_H_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0367051879921577, **median** = 0.0371262122168572, **standard deviation** = 0.00264765577696797, **min value** = 0.0161926204602314, **max value** = 0.0423078616764846, which accounts for **range** = 0.0261152412162532. It has a **skewness** of -1.10930695929267, a **kurtosis** of 2.40073774523627, and a **standard error** of 2.31556662483025e-05.

The **Pgra_S_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0338832493880266, **median** = 0.0337802946756048, **standard deviation** = 0.00150437001697343, **min value** = 0.0266549000723835, **max value** = 0.0501599416003993, which accounts for **range** = 0.0235050415280158. It has a **skewness** of 0.652654415680959, a **kurtosis** of 2.84039812316259, and a **standard error** of 1.31568047213757e-05.

The **Pgra_V_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0262016817078815, **median** = 0.0261277901517078, **standard deviation** = 0.00462491177995377, **min value** = 0.0130292105534868, **max value** = 0.0415770465661799, which accounts for **range** = 0.0285478360126931. It has a **skewness** of 0.118630911260527, a **kurtosis** of -0.464050087016762, and a **standard error** of 4.04482012110699e-05.

The **Pgra_u_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00927733205734139, **median** = 0.00919310113257076, **standard deviation** = 0.000812862655312278, **min value** = 0.00656746062276229, **max value** = 0.0136300167925068, which accounts for **range** = 0.00706255616974451. It has a **skewness** of 0.657748139303626, a **kurtosis** of 0.912517197238577, and a **standard error** of 7.10907230307519e-06.

The **Pgra_v_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0193503276672909, **median** = 0.0191903772945414, **standard deviation** = 0.00232887052617526, **min value** = 0.0108478006540802, **max value** = 0.0285914206660233, which accounts for **range** = 0.0177436200119431. It has a **skewness** of 0.325516885256885, a **kurtosis** of -0.127824613924222, and a **standard error** of 2.03676584806573e-05.

The **Pgra_l_mean_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.342139511787154, **median** = 0.326514280229415, **standard deviation** = 0.119170370586096, **min value** = 0.0847089645150321, **max value** = 0.931910636040472, which accounts for **range** = 0.84720167152544. It has a **skewness** of 0.656763551117087, a **kurtosis** of 0.132248644848071, and a **standard error** of 0.00104223115103664.

The **Pgra_L_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0356347179965422, **median** = 0.0364853172197718, **standard deviation** = 0.0122383774871719, **min value** = 0, **max value** = 0.117169323394954, which accounts for **range** = 0.117169323394954. It has a **skewness** of -1.23342689471795, a **kurtosis** of 3.47081236690354, and a **standard error** of 0.000107033469750445.

The **Pgra_a_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0091340484683719, **median** = 0.00976239622844853, **standard deviation** = 0.00285275765037038, **min value** = 0, **max value** = 0.0148302835017838, which accounts for **range** = 0.0148302835017838. It has a **skewness** of -2.21835839214512, a **kurtosis** of 4.78002392865624, and a **standard error** of 2.49494305921125e-05.

The **Pgra_b_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0217916925481522, **median** = 0.0225366270163933, **standard deviation** = 0.00689030381934205, **min value** = 0, **max value** = 0.048207727072977, which accounts for **range** = 0.048207727072977. It has a **skewness** of -1.97858924858828, a **kurtosis** of 4.66098156720864, and a **standard error** of 6.02606943765176e-05.

The **Pgra_C_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0558615420005308, **median** = 0.0454570394313355, **standard deviation** = 0.0445752354570685, **min value** = 0, **max value** = 0.591955544123992, which accounts for **range** = 0.591955544123992. It has a **skewness** of 3.2874329627809, a **kurtosis** of 17.5204593721046, and a **standard error** of 0.000389842699403089.

The **Pgra_M_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0418235320540447, **median** = 0.0395032132611819, **standard deviation** = 0.0200958149306926, **min value** = 0, **max value** = 0.148869130028519, which accounts for **range** = 0.148869130028519. It has a **skewness** of 0.635040935633344, a **kurtosis** of 2.29696711227776, and a **standard error** of 0.000175752447720246.

The **Pgra_Ye_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.386371247057142, **median** = 0.311186045980019, **standard deviation** = 0.73901616568149, **min value** = 0, **max value** = 44.7344827586207, which accounts for **range** = 44.7344827586207. It has a **skewness** of 32.3791032401862, a **kurtosis** of 1503.02803482871, and a **standard error** of 0.00646323129822318.

The **Pgra_K_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0796960740937329, **median** = 0.0695971081705939, **standard deviation** = 0.0735929457368822, **min value** = 0, **max value** = 3.30825496342738, which accounts for **range** = 3.30825496342738. It has a **skewness** of 15.4567339673508, a **kurtosis** of 465.628557797476, and a **standard error** of 0.000643623579974646.

The **Pgra_R_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0374367735781054, **median** = 0.038265672203488, **standard deviation** = 0.0135597010116213, **min value** = 0, **max value** = 0.098270612509472, which accounts for **range** = 0.098270612509472. It has a **skewness** of -0.941319002692301, a **kurtosis** of 2.49412759696261, and a **standard error** of 0.000118589400398355.

The **Pgra_G_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0496682761243247, **median** = 0.0489724897760431, **standard deviation** = 0.0201309251516415, **min value** = 0, **max value** = 0.417459177546768, which accounts for **range** = 0.417459177546768. It has a **skewness** of 0.706850121515919, a **kurtosis** of 14.4802309900679, and a **standard error** of 0.000176059512016621.

The **Pgra_B_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0142394538709908, **median** = 0.0152664311422431, **standard deviation** = 0.00434976986085995, **min value** = 0, **max value** = 0.0253759430992378, which accounts for **range** = 0.0253759430992378. It has a **skewness** of -2.38829403464988, a **kurtosis** of 5.42090081539328, and a **standard error** of 3.80418859699135e-05.

The **Pgra_X_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0865777949724953, **median** = 0.0825638473398713, **standard deviation** = 0.0420239988646998, **min value** = 0, **max value** = 0.385569184088045, which accounts for **range** = 0.385569184088045. It has a **skewness** of 0.493602844223374, a **kurtosis** of 1.6958886097975, and a **standard error** of 0.000367530288716154.

The **Pgra_Y_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.103960390727122, **median** = 0.0948432100863315, **standard deviation** = 0.0587763401795951, **min value** = 0, **max value** = 0.827164863316142, which accounts for **range** = 0.827164863316142. It has a **skewness** of 1.38976687536051, a **kurtosis** of 5.98694063265019, and a **standard error** of 0.000514041639526866.

The **Pgra_Z_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0344842910188611, **median** = 0.0364390972127575, **standard deviation** = 0.0111866307898899, **min value** = 0, **max value** = 0.0699293349434232, which accounts for **range** = 0.0699293349434232. It has a **skewness** of -1.87133348046815, a **kurtosis** of 3.87067513974292, and a **standard error** of 9.78351835865591e-05.

The **Pgra_H_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.034167418037103, **median** = 0.0371972662506922, **standard deviation** = 0.0101203154358716, **min value** = 0, **max value** = 0.0957671258544917, which accounts for **range** = 0.0957671258544917. It has a **skewness** of -2.67999159739821, a **kurtosis** of 6.56095486448839, and a **standard error** of 8.85094839741399e-05.

The **Pgra_S_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0694442379783574, **median** = 0.062816924010908, **standard deviation** = 0.0409303059238372, **min value** = 0, **max value** = 0.259410463901242, which accounts for **range** = 0.259410463901242. It has a **skewness** of 0.814212620277873, a **kurtosis** of 0.910576907430265, and a **standard error** of 0.000357965152289794.

The **Pgra_V_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0211772529030199, **median** = 0.0228651258635487, **standard deviation** = 0.00628380095526792, **min value** = 0, **max value** = 0.0332960987826781, which accounts for **range** = 0.0332960987826781. It has a **skewness** of -2.66857586481883, a **kurtosis** of 6.35926101590951, and a **standard error** of 5.49563878192571e-05.

The **Pgra_u_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00961232480984968, **median** = 0.0102904491467566, **standard deviation** = 0.00293368088444024, **min value** = 0, **max value** = 0.0157465043914967, which accounts for **range** = 0.0157465043914967. It has a **skewness** of -2.40442898497833, a **kurtosis** of 5.45893776344255, and a **standard error** of 2.56571628495138e-05.

The **Pgra_v_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0147332140264563, **median** = 0.0158661992721223, **standard deviation** = 0.00434662531449685,

min value = 0, **max value** = 0.0329302269240087, which accounts for **range** = 0.0329302269240087. It has a **skewness** of -2.70370803519295, a **kurtosis** of 6.64535477167035, and a **standard error** of 3.80143846358202e-05.

The **Pgra_l_mean_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.10403087606327, **median** = 0.0948792024702791, **standard deviation** = 0.0588295159992891, **min value** = 0, **max value** = 0.829825939344802, which accounts for **range** = 0.829825939344802. It has a **skewness** of 1.38937654710738, a **kurtosis** of 6.00239289679218, and a **standard error** of 0.000514506700560867.

The **Pgra_L_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0590477817205463, **median** = 0.0574364932793035, **standard deviation** = 0.0153876873025235, **min value** = 0.0237021769404665, **max value** = 0.114866699918129, which accounts for **range** = 0.0911645229776625. It has a **skewness** of 0.432355412284135, a **kurtosis** of -0.341628652317407, and a **standard error** of 0.000134576463681588.

The **Pgra_a_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00984744152906964, **median** = 0.00976494355726543, **standard deviation** = 0.000744556508979785, **min value** = 0.00750905567707561, **max value** = 0.0140174197053033, which accounts for **range** = 0.00650836402822769. It has a **skewness** of 0.539325742040897, a **kurtosis** of 0.426900619782969, and a **standard error** of 6.51168561068794e-06.

The **Pgra_b_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0276276828989405, **median** = 0.0274814088590303, **standard deviation** = 0.00405431096716075, **min value** = 0.014638391684236, **max value** = 0.04152325559012, which accounts for **range** = 0.026884863905884. It has a **skewness** of 0.108772666692602, a **kurtosis** of -0.542149626227185, and a **standard error** of 3.54578840795974e-05.

The **Pgra_C_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0341631171812424, **median** = 0.0318951027322981, **standard deviation** = 0.00595388366708383, **min value** = 0.026012135295183, **max value** = 0.0865937553929923, which accounts for **range** = 0.0605816200978093. It has a **skewness** of 2.58479267964086, a **kurtosis** of 8.69947424086939, and a **standard error** of 5.20710223268121e-05.

The **Pgra_M_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0299154786335897, **median** = 0.0288998488074926, **standard deviation** = 0.00307575065396007, **min value** = 0.0249486642174884, **max value** = 0.0520584293807983, which accounts for **range** = 0.0271097651633099. It has a **skewness** of 2.47817180994437, a **kurtosis** of 7.406957130688, and a **standard error** of 2.6899665819723e-05.

The **Pgra_Ye_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.620995682487537, **median** = 0.625199014593886, **standard deviation** = 0.193901977048187, **min value** = 0.0856356943820551, **max value** = 1.53819127129273, which accounts for **range** = 1.45255557691067. It has a **skewness** of -0.0115752858804384, a **kurtosis** of 0.348825904191476, and a **standard error** of 0.00169581314326123.

The **Pgra_K_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.122841121337392, **median** = 0.120695387036754, **standard deviation** = 0.0241629036993847, **min value** = 0.0577481478243494, **max value** = 0.248811101977834, which accounts for **range** = 0.191062954153485. It has a **skewness** of 0.555001204977085, a **kurtosis** of 0.587178504506389, and a **standard error** of 0.000211322082923317.

The **Pgra_R_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.051539369843633, **median** = 0.0505397140799188, **standard deviation** = 0.0125522877017539, **min value** = 0.019368141559191, **max value** = 0.0977771523371489, which accounts for **range** = 0.0784090107779579. It has a **skewness** of 0.351531564613182, a **kurtosis** of -0.301111783353772, and a **standard error** of 0.000109778841797682.

The **Pgra_G_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106532759432084, **median** = 0.101012484970928, **standard deviation** = 0.0368906944468065, **min value**

= 0.0325331766144584, **max value** = 0.243711082432911, which accounts for **range** = 0.211177905818453. It has a **skewness** of 0.58895757146143, a **kurtosis** of -0.214393158084662, and a **standard error** of 0.00032263582589146.

The **Pgra_B_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0177967110885472, **median** = 0.0175641962232967, **standard deviation** = 0.00312507315871247, **min value** = 0.00899450112292652, **max value** = 0.0305064673468241, which accounts for **range** = 0.0215119662238976. It has a **skewness** of 0.416615850546007, a **kurtosis** of 0.0780921528074772, and a **standard error** of 2.73310268253764e-05.

The **Pgra_X_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.172932295419914, **median** = 0.163481089833725, **standard deviation** = 0.0709686610761023, **min value** = 0.0372368462517763, **max value** = 0.458127581488816, which accounts for **range** = 0.42089073523704. It has a **skewness** of 0.588721926655352, a **kurtosis** of -0.114486244956298, and a **standard error** of 0.000620672311054353.

The **Pgra_Y_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.262892428304318, **median** = 0.239734912588124, **standard deviation** = 0.131002729434912, **min value** = 0.0424320838032074, **max value** = 0.833896417464339, which accounts for **range** = 0.791464333661132. It has a **skewness** of 0.778944660789699, a **kurtosis** of 0.215287060232303, and a **standard error** of 0.00114571369390221.

The **Pgra_Z_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0536188104448506, **median** = 0.0520889286085443, **standard deviation** = 0.0138104183011158, **min value** = 0.0220196651476373, **max value** = 0.111193743084235, which accounts for **range** = 0.0891740779365977. It has a **skewness** of 0.516589154953745, a **kurtosis** of 0.0051206527262706, and a **standard error** of 0.000120782104574146.

The **Pgra_H_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0370097525209032, **median** = 0.0373021852965852, **standard deviation** = 0.00225921117364795, **min value** = 0.0266111070038748, **max value** = 0.056138988134601, which accounts for **range** = 0.0295278811307262. It has a **skewness** of -0.609327880074732, a **kurtosis** of 0.600612641971067, and a **standard error** of 1.97584370205918e-05.

The **Pgra_S_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0373420336820935, **median** = 0.0347936308541203, **standard deviation** = 0.00637300445675033, **min value** = 0.0286686113414075, **max value** = 0.0728999619392118, which accounts for **range** = 0.0442313505978043. It has a **skewness** of 1.79093606979812, a **kurtosis** of 3.13405062851794, and a **standard error** of 5.57365370087685e-05.

The **Pgra_V_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0256159756695184, **median** = 0.0254783125059873, **standard deviation** = 0.00416751376690573, **min value** = 0.0132718741759736, **max value** = 0.039507970529609, which accounts for **range** = 0.0262360963536354. It has a **skewness** of 0.182163317202586, a **kurtosis** of -0.378992144839255, and a **standard error** of 3.6447924504063e-05.

The **Pgra_u_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00941487930705901, **median** = 0.00934344692565271, **standard deviation** = 0.000783884918470258, **min value** = 0.00647022887482931, **max value** = 0.0136333808315632, which accounts for **range** = 0.00716315195673389. It has a **skewness** of 0.532071714796062, a **kurtosis** of 0.768029159148683, and a **standard error** of 6.85564101915152e-06.

The **Pgra_v_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0185023633655479, **median** = 0.0182146177148783, **standard deviation** = 0.00229845916262019, **min value** = 0.0105389617975911, **max value** = 0.0276929750106137, which accounts for **range** = 0.0171540132130226. It has a **skewness** of 0.413449261359177, a **kurtosis** of 0.0511401144499537, and a **standard error** of 2.01016890934118e-05.

The **Pgra_l_mean_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

0.263036580666219, **median** = 0.240130892980176, **standard deviation** = 0.13102656135561, **min value** = 0.0424361321947108, **max value** = 0.834182484731619, which accounts for **range** = 0.791746352536908. It has a **skewness** of 0.773803586048012, a **kurtosis** of 0.201615430785068, and a **standard error** of 0.0011459221212992.

The **Gra_L_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0356593702265101, **median** = 0.0353064104268937, **standard deviation** = 0.00882948796989067, **min value** = 0.0108484672184992, **max value** = 0.264343543246865, which accounts for **range** = 0.253495076028366. It has a **skewness** of 8.11837947067013, a **kurtosis** of 170.348321619718, and a **standard error** of 7.72202634317986e-05.

The **Gra_a_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00560453872686339, **median** = 0.0054512130614154, **standard deviation** = 0.00132970915520479, **min value** = 0.00201376010393564, **max value** = 0.0214912583160726, which accounts for **range** = 0.019477498212137. It has a **skewness** of 1.19639969826341, a **kurtosis** of 5.46586002755433, and a **standard error** of 1.16292690587198e-05.

The **Gra_b_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0164169178628786, **median** = 0.0163026410618732, **standard deviation** = 0.00286748990419513, **min value** = 0.00453780054753122, **max value** = 0.064764244836765, which accounts for **range** = 0.0602264442892338. It has a **skewness** of 1.18175413171247, a **kurtosis** of 13.1308078313471, and a **standard error** of 2.50782748156021e-05.

The **Gra_C_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0290040979761429, **median** = 0.0290083953635362, **standard deviation** = 0.00495029050440857, **min value** = 0.00711357837045712, **max value** = 0.0857056921343149, which accounts for **range** = 0.0785921137638578. It has a **skewness** of 0.205799551526867, a **kurtosis** of 4.48468876977142, and a **standard error** of 4.32938736785089e-05.

The **Gra_M_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.024151188481568, **median** = 0.0237183475950207, **standard deviation** = 0.00517081452321626, **min value** = 0.00604486674580459, **max value** = 0.0999681754656677, which accounts for **range** = 0.0939233087198631. It has a **skewness** of 1.43284606351015, a **kurtosis** of 11.3465479689788, and a **standard error** of 4.52225158470513e-05.

The **Gra_Ye_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.346682779148919, **median** = 0.328713387751944, **standard deviation** = 0.14515109783104, **min value** = 0.0393334920094933, **max value** = 2.25784421812466, which accounts for **range** = 2.21851072611517. It has a **skewness** of 2.01581076234031, a **kurtosis** of 10.7596370516158, and a **standard error** of 0.00126945141667897.

The **Gra_K_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.171962184223838, **median** = 0.169914731265673, **standard deviation** = 0.0508438270031496, **min value** = 0.0311179622154666, **max value** = 0.342160970363332, which accounts for **range** = 0.311043008147865. It has a **skewness** of 0.128553375244142, a **kurtosis** of -0.591147776640006, and a **standard error** of 0.000444666069929831.

The **Gra_R_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0278669814564569, **median** = 0.0279660681000523, **standard deviation** = 0.00709193737748891, **min value** = 0.00574496620394137, **max value** = 0.206359592869478, which accounts for **range** = 0.200614626665537. It has a **skewness** of 5.06722772056857, a **kurtosis** of 99.0860682984684, and a **standard error** of 6.20241257929132e-05.

The **Gra_G_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0695002883664473, **median** = 0.0690437618297021, **standard deviation** = 0.0170003196572003, **min value** = 0.0180306357429664, **max value** = 0.552920747027351, which accounts for **range** = 0.534890111284385. It has a **skewness** of 8.47709085542436, a **kurtosis** of 181.02253512272, and a **standard error** of 0.000148680100910772.

The **Gra_B_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00811475188614582, **median** = 0.00808305677787557, **standard deviation** = 0.00143564689280331, **min value** = 0.00404025251681247, **max value** = 0.0471911133485236, which accounts for **range** = 0.0431508608317111. It has a **skewness** of 8.10629625466075, a **kurtosis** of 160.568238695261, and a **standard error** of 1.25557712559733e-05.

The **Gra_X_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0642396402425224, **median** = 0.0615680200071027, **standard deviation** = 0.0289636576148575, **min value** = 0.0208736946083868, **max value** = 1.06509677159769, which accounts for **range** = 1.0442230769893. It has a **skewness** of 17.0178259771525, a **kurtosis** of 449.678788056001, and a **standard error** of 0.000253308150891043.

The **Gra_Y_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106397442173174, **median** = 0.0999952080070361, **standard deviation** = 0.0540161169753747, **min value** = 0.0318485259098029, **max value** = 1.92656503630644, which accounts for **range** = 1.89471651039664. It has a **skewness** of 16.2039042002616, a **kurtosis** of 418.253908852472, and a **standard error** of 0.000472410041966786.

The **Gra_Z_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0198608244816068, **median** = 0.0193970813717253, **standard deviation** = 0.00567869235643389, **min value** = 0.0100200091958997, **max value** = 0.193838976916405, which accounts for **range** = 0.183818967720505. It has a **skewness** of 13.9931752958279, a **kurtosis** of 322.998397623477, and a **standard error** of 4.96642751207459e-05.

The **Gra_H_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0122009806110762, **median** = 0.00595003780268231, **standard deviation** = 0.0163665371656842, **min value** = 0.00086569721725931, **max value** = 0.14625409125006, which accounts for **range** = 0.145388394032801. It has a **skewness** of 3.19879694947609, a **kurtosis** of 11.9012313124118, and a **standard error** of 0.00014313721426545.

The **Gra_S_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0311715396169665, **median** = 0.0305870542735584, **standard deviation** = 0.0060482453424389, **min value** = 0.00998517389569639, **max value** = 0.0727243453412061, which accounts for **range** = 0.0627391714455097. It has a **skewness** of 0.521298768414593, a **kurtosis** of 0.87978584132654, and a **standard error** of 5.28962834805316e-05.

The **Gra_V_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00828779381947546, **median** = 0.00817541863081014, **standard deviation** = 0.00198446814216282, **min value** = 0.00483249523362249, **max value** = 0.0715477924520505, which accounts for **range** = 0.066715297218428. It has a **skewness** of 14.0498848153797, a **kurtosis** of 325.833605002701, and a **standard error** of 1.7355610340304e-05.

The **Gra_u_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00585875504212097, **median** = 0.00587609311912792, **standard deviation** = 0.000731871382813536, **min value** = 0.00226213539333627, **max value** = 0.00918064872609771, which accounts for **range** = 0.00691851333276144. It has a **skewness** of -0.137367257498525, a **kurtosis** of 0.5620265133155, and a **standard error** of 6.40074500036447e-06.

The **Gra_v_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0182103569291995, **median** = 0.0182337024352707, **standard deviation** = 0.00312705664911654, **min value** = 0.00347423415577031, **max value** = 0.0396248948117917, which accounts for **range** = 0.0361506606560214. It has a **skewness** of -0.00729014720708489, a **kurtosis** of 0.698542440551821, and a **standard error** of 2.73483738846893e-05.

The **Gra_l_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106233467618416, **median** = 0.0998203630224838, **standard deviation** = 0.0539190550742221, **min value** = 0.0323754500732293, **max value** = 1.95424362085172, which accounts for **range** = 1.92186817077849. It has a **skewness** of 16.3092918129624, a **kurtosis** of 423.216578279246, and a **standard error** of

0.000471561165383936.

The **Gra_L_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.022299605577983, **median** = 0.0200157679932954, **standard deviation** = 0.0151498674387598, **min value** = 0, **max value** = 0.189770245205331, which accounts for **range** = 0.189770245205331. It has a **skewness** of 1.51412103237103, a **kurtosis** of 7.27780989126582, and a **standard error** of 0.000132496556829484.

The **Gra_a_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00964543706517689, **median** = 0.00998526048356631, **standard deviation** = 0.00466644706001148, **min value** = 0, **max value** = 0.0401212283835718, which accounts for **range** = 0.0401212283835718. It has a **skewness** of -0.108444206102983, a **kurtosis** of 0.30080464385623, and a **standard error** of 4.08114573000648e-05.

The **Gra_b_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0172604481803974, **median** = 0.0168418142487525, **standard deviation** = 0.00990427226298451, **min value** = 0, **max value** = 0.117044137751655, which accounts for **range** = 0.117044137751655. It has a **skewness** of 0.661957911494368, a **kurtosis** of 2.46177194512619, and a **standard error** of 8.66200300465883e-05.

The **Gra_C_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0452617562776566, **median** = 0.0452146376142813, **standard deviation** = 0.0199809759531411, **min value** = 0, **max value** = 0.268354230091893, which accounts for **range** = 0.268354230091893. It has a **skewness** of 0.960308262934569, a **kurtosis** of 9.19390358022724, and a **standard error** of 0.000174748097736532.

The **Gra_M_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0473738166720981, **median** = 0.0487705499886798, **standard deviation** = 0.0200184884746838, **min value** = 0, **max value** = 0.309860378914076, which accounts for **range** = 0.309860378914076. It has a **skewness** of 0.150808121127578, a **kurtosis** of 5.47304864101686, and a **standard error** of 0.00017507617189048.

The **Gra_Ye_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.329358873484172, **median** = 0.251979168953532, **standard deviation** = 0.778022097008876, **min value** = 0, **max value** = 44.07177369928, which accounts for **range** = 44.07177369928. It has a **skewness** of 29.179546349727, a **kurtosis** of 1167.26683166562, and a **standard error** of 0.00680436640172801.

The **Gra_K_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.117730234606648, **median** = 0.100718793686844, **standard deviation** = 0.146145678516837, **min value** = 0, **max value** = 8.29907765999057, which accounts for **range** = 8.29907765999057. It has a **skewness** of 22.8651537111143, a **kurtosis** of 945.723782679227, and a **standard error** of 0.00127814974469339.

The **Gra_R_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0158943505500865, **median** = 0.013141332575072, **standard deviation** = 0.0120892858051187, **min value** = 0, **max value** = 0.15800166251451, which accounts for **range** = 0.15800166251451. It has a **skewness** of 1.84009893095897, a **kurtosis** of 8.0105361617232, and a **standard error** of 0.000105729555072391.

The **Gra_G_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0369182171522104, **median** = 0.0315330345671313, **standard deviation** = 0.028830016634484, **min value** = 0, **max value** = 0.603538791307684, which accounts for **range** = 0.603538791307684. It has a **skewness** of 3.10912603324612, a **kurtosis** of 31.352659164712, and a **standard error** of 0.000252139363783012.

The **Gra_B_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00448524474322754, **median** = 0.00426821520459976, **standard deviation** = 0.00232648136706572, **min value** = 0, **max value** = 0.0277635898003552, which accounts for **range** = 0.0277635898003552. It has a **skewness** of 1.3711411831368, a **kurtosis** of 7.64971228933139, and a **standard error** of 2.03467635548758e-05.

The **Gra_X_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0358088219520476, **median** = 0.0299511891838376, **standard deviation** = 0.0305353563493203, **min value** = 0, **max value** = 0.560428159382619, which accounts for **range** = 0.560428159382619. It has a **skewness** of 3.73096591569693, a **kurtosis** of 31.8721628099717, and a **standard error** of 0.000267053793982071.

The **Gra_Y_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0529212852028661, **median** = 0.0437608050249469, **standard deviation** = 0.0484721987409485, **min value** = 0, **max value** = 1.16870980687715, which accounts for **range** = 1.16870980687715. It has a **skewness** of 5.14488762923735, a **kurtosis** of 66.6187068328837, and a **standard error** of 0.000423924464097875.

The **Gra_Z_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0109095304286721, **median** = 0.0102684319832436, **standard deviation** = 0.00602290191110001, **min value** = 0, **max value** = 0.0855226156338564, which accounts for **range** = 0.0855226156338564. It has a **skewness** of 1.42440886232038, a **kurtosis** of 7.71253631554683, and a **standard error** of 5.2674636828879e-05.

The **Gra_H_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0291133252468715, **median** = 0.0288906137132652, **standard deviation** = 0.0164027262138615, **min value** = 0, **max value** = 0.170508495978427, which accounts for **range** = 0.170508495978427. It has a **skewness** of 0.627661618623522, a **kurtosis** of 2.45820887229266, and a **standard error** of 0.000143453713686836.

The **Gra_S_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0627921224548811, **median** = 0.0620849003761829, **standard deviation** = 0.0310175558860725, **min value** = 0, **max value** = 0.54164750825212, which accounts for **range** = 0.54164750825212. It has a **skewness** of 1.94405785987214, a **kurtosis** of 18.4567677091565, and a **standard error** of 0.000271270977966202.

The **Gra_V_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00525026107092877, **median** = 0.00457092556883465, **standard deviation** = 0.00354648390930823, **min value** = 0, **max value** = 0.0400128802117243, which accounts for **range** = 0.0400128802117243. It has a **skewness** of 2.63542426639601, a **kurtosis** of 12.5310952579294, and a **standard error** of 3.10165688732239e-05.

The **Gra_u_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00635918635784704, **median** = 0.00653122402857966, **standard deviation** = 0.00302340387344837, **min value** = 0, **max value** = 0.0272286672029419, which accounts for **range** = 0.0272286672029419. It has a **skewness** of -0.0259008647073393, a **kurtosis** of 0.870081476511445, and a **standard error** of 2.64418553334633e-05.

The **Gra_v_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0135209343652452, **median** = 0.0118503495883599, **standard deviation** = 0.00936050262243284, **min value** = 0, **max value** = 0.0799856921537123, which accounts for **range** = 0.0799856921537123. It has a **skewness** of 0.859195978497278, a **kurtosis** of 1.04866552150476, and a **standard error** of 8.18643709378377e-05.

The **Gra_l_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0529079284827822, **median** = 0.043752515493527, **standard deviation** = 0.0484693522880359, **min value** = 0, **max value** = 1.19531663021077, which accounts for **range** = 1.19531663021077. It has a **skewness** of 5.16995587080692, a **kurtosis** of 67.7714145824043, and a **standard error** of 0.000423899569806778.

The **Gra_L_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0299311031726369, **median** = 0.0303110453489229, **standard deviation** = 0.0102227023424913, **min value** = 0.00338451566089634, **max value** = 0.238694400711002, which accounts for **range** = 0.235309885050106. It has a **skewness** of 2.1972806982587, a **kurtosis** of 34.2663121247907, and a **standard error** of 8.9404931584251e-05.

The **Gra_a_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00582249796351835, **median** = 0.00567520091972644, **standard deviation** = 0.0013788599887495, **min value** = 0.00180382114562207, **max value** = 0.0171770333194217, which accounts for **range** = 0.0153732121737996. It has a **skewness** of 0.92066188811688, a **kurtosis** of 2.35222118915686, and a **standard error** of 1.20591286753994e-05.

The **Gra_b_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0159004000075926, **median** = 0.0160127489901562, **standard deviation** = 0.00357125164329531, **min value** = 0.00296519018296007, **max value** = 0.0532304869668228, which accounts for **range** =

0.0502652967838627. It has a **skewness** of 0.129277893764291, a **kurtosis** of 2.36504096705232, and a **standard error** of 3.12331806348134e-05.

The **Gra_C_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0295718113441781, **median** = 0.0295455240014583, **standard deviation** = 0.00496546547297015, **min value** = 0.00905338442243456, **max value** = 0.0782907125773722, which accounts for **range** = 0.0692373281549376. It has a **skewness** of 0.0720920330995377, a **kurtosis** of 2.26883974025752, and a **standard error** of 4.34265897628267e-05.

The **Gra_M_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0250047627031436, **median** = 0.0245702151304256, **standard deviation** = 0.00523695520485544, **min value** = 0.00803933061308688, **max value** = 0.0932260947738005, which accounts for **range** = 0.0851867641607136. It has a **skewness** of 0.998593053965066, a **kurtosis** of 5.49440138675524, and a **standard error** of 4.5800963983246e-05.

The **Gra_Ye_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.308668106371995, **median** = 0.292757014871838, **standard deviation** = 0.129688521882571, **min value** = 0.0211125198421133, **max value** = 2.01163366131348, which accounts for **range** = 1.99052114147137. It has a **skewness** of 1.84570233408429, a **kurtosis** of 9.59738467500852, and a **standard error** of 0.00113421999758121.

The **Gra_K_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.146924431918834, **median** = 0.145493611061916, **standard deviation** = 0.0393813494061562, **min value** = 0.0250777084450665, **max value** = 0.303685416573015, which accounts for **range** = 0.278607708127948. It has a **skewness** of 0.222837370105496, a **kurtosis** of 0.0653359491714944, and a **standard error** of 0.000344418406346245.

The **Gra_R_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0239301748840873, **median** = 0.0241431503703125, **standard deviation** = 0.0083386041256163, **min value** = 0.00300208204254212, **max value** = 0.16003504685459, which accounts for **range** = 0.157032964812048. It has a **skewness** of 1.46267320745272, a **kurtosis** of 19.7238991922549, and a **standard error** of 7.2927128892339e-05.

The **Gra_G_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0550299276648603, **median** = 0.0557566702769115, **standard deviation** = 0.0207718359208417, **min value** = 0.00506821147255965, **max value** = 0.443755329179625, which accounts for **range** = 0.438687117707065. It has a **skewness** of 1.6548320221503, a **kurtosis** of 23.357139912125, and a **standard error** of 0.000181664740610022.

The **Gra_B_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00670585493660146, **median** = 0.00672270431930271, **standard deviation** = 0.00151609097381026, **min value** = 0.00235863831013695, **max value** = 0.0436968979102407, which accounts for **range** = 0.0413382596001038. It has a **skewness** of 3.98917410418476, a **kurtosis** of 68.5100158397836, and a **standard error** of 1.32593129730092e-05.

The **Gra_X_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0509409182123511, **median** = 0.0500457035219107, **standard deviation** = 0.0259286084211058, **min value** = 0.0040076659677143, **max value** = 0.819082009894172, which accounts for **range** = 0.815074343926458. It has a **skewness** of 8.25230854375756, a **kurtosis** of 175.162450179605, and a **standard error** of 0.00022676444880218.

The **Gra_Y_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0795493964439647, **median** = 0.0761784606384581, **standard deviation** = 0.0458583358209051, **min value** = 0.00468844741037738, **max value** = 1.42685319830875, which accounts for **range** = 1.42216475089837. It has a **skewness** of 7.29399228899776, a **kurtosis** of 145.644669131181, and a **standard error** of 0.000401064340843994.

The **Gra_Z_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0158872461221241, **median** = 0.0156914789673266, **standard deviation** = 0.0052877841750093,

min value = 0.00388482356548431, **max value** = 0.178153855069313, which accounts for **range** = 0.174269031503829. It has a **skewness** of 8.38971505438894, a **kurtosis** of 178.797933064978, and a **standard error** of 4.62455001192748e-05.

The **Gra_H_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0135388717775025, **median** = 0.00825363668728248, **standard deviation** = 0.0134955940511814, **min value** = 0.00137768491491986, **max value** = 0.127456326655781, which accounts for **range** = 0.126078641740861. It has a **skewness** of 2.82790864409883, a **kurtosis** of 10.562209583823, and a **standard error** of 0.000118028738626136.

The **Gra_S_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.032261992605186, **median** = 0.0317108272147973, **standard deviation** = 0.00624860924518334, **min value** = 0.0122063405671225, **max value** = 0.0663705494975009, which accounts for **range** = 0.0541642089303784. It has a **skewness** of 0.395959688210351, a **kurtosis** of 0.268595743580167, and a **standard error** of 5.46486108414059e-05.

The **Gra_V_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00689456157859436, **median** = 0.00682192694914744, **standard deviation** = 0.00189780697556305, **min value** = 0.00213552941917277, **max value** = 0.0580879908605023, which accounts for **range** = 0.0559524614413295. It has a **skewness** of 9.18248132826405, a **kurtosis** of 179.836847131764, and a **standard error** of 1.65976957095846e-05.

The **Gra_u_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0055226893561336, **median** = 0.00561339142901855, **standard deviation** = 0.000850510344595364, **min value** = 0.00211974056458201, **max value** = 0.00858188451173162, which accounts for **range** = 0.00646214394714961. It has a **skewness** of -0.607618333167319, a **kurtosis** of 0.634499810901473, and a **standard error** of 7.43832859675294e-06.

The **Gra_v_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0164353408961928, **median** = 0.0168626163913188, **standard deviation** = 0.00434049817176303, **min value** = 0.00285386527726047, **max value** = 0.0323928088207728, which accounts for **range** = 0.0295389435435123. It has a **skewness** of -0.302106038407607, a **kurtosis** of -0.126041091455288, and a **standard error** of 3.79607983375429e-05.

The **Gra_l_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0794280065035967, **median** = 0.0761350371029013, **standard deviation** = 0.0456838494663144, **min value** = 0.00473770407044654, **max value** = 1.40678843151775, which accounts for **range** = 1.4020507274473. It has a **skewness** of 7.31177262504025, a **kurtosis** of 145.681105543423, and a **standard error** of 0.000399538331372924.

The **Pgra_L_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0637130486800764, **median** = 0.061558934106471, **standard deviation** = 0.0176254021713104, **min value** = 0.0174835820989226, **max value** = 0.144920219010757, which accounts for **range** = 0.127436636911834. It has a **skewness** of 0.604399567646262, a **kurtosis** of 0.0941189134993787, and a **standard error** of 0.000154146899956288.

The **Pgra_a_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00818332631530285, **median** = 0.00813380318979932, **standard deviation** = 0.000981566725772235, **min value** = 0.00429833419778266, **max value** = 0.0149719815636976, which accounts for **range** = 0.0106736473659149. It has a **skewness** of 0.528473643028258, a **kurtosis** of 1.91205767903648, and a **standard error** of 8.58451151397384e-06.

The **Pgra_b_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0230585572543448, **median** = 0.0229473458166804, **standard deviation** = 0.00319226265864576, **min value** = 0.00858190003308587, **max value** = 0.0436274909638752, which accounts for **range** = 0.0350455909307893. It has a **skewness** of 0.164307119161218, a **kurtosis** of 0.186866164800401, and a **standard error** of 2.79186476367294e-05.

The **Pgra_C_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean**

= 0.0393935117934603, **median** = 0.0396296961006339, **standard deviation** = 0.00319481992946064, **min value** = 0.0180844796418583, **max value** = 0.0641295504018319, which accounts for **range** = 0.0460450707599736. It has a **skewness** of -0.395198194580599, a **kurtosis** of 1.32701715345576, and a **standard error** of 2.79410128210601e-05.

The **Pgra_M_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0372236513821835, **median** = 0.0372264406987649, **standard deviation** = 0.00350470024638462, **min value** = 0.0216129993233912, **max value** = 0.0587621927176264, which accounts for **range** = 0.0371491933942352. It has a **skewness** of 0.206284928174008, a **kurtosis** of 1.01407761494101, and a **standard error** of 3.06511404962774e-05.

The **Pgra_Ye_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.802054311358104, **median** = 0.788041564872563, **standard deviation** = 0.182790003609273, **min value** = 0.195051372752099, **max value** = 1.89514287798554, which accounts for **range** = 1.70009150523344. It has a **skewness** of 0.483210756009864, a **kurtosis** of 0.610011202976061, and a **standard error** of 0.00159863089224892.

The **Pgra_K_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.218671495796589, **median** = 0.216067321578248, **standard deviation** = 0.0634388163918538, **min value** = 0.0443539759662755, **max value** = 0.473562488396035, which accounts for **range** = 0.429208512429759. It has a **skewness** of 0.165591932550433, a **kurtosis** of -0.481890955402001, and a **standard error** of 0.000554818368889075.

The **Pgra_R_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0463155439833366, **median** = 0.0439397568403212, **standard deviation** = 0.0158017619343483, **min value** = 0.00931030021794943, **max value** = 0.118276657825916, which accounts for **range** = 0.108966357607967. It has a **skewness** of 0.705956132104442, a **kurtosis** of 0.220249067689799, and a **standard error** of 0.000138197846060608.

The **Pgra_G_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.122804670858396, **median** = 0.118618645516007, **standard deviation** = 0.0342722050324801, **min value** = 0.0313794841481119, **max value** = 0.277607225616271, which accounts for **range** = 0.246227741468159. It has a **skewness** of 0.604635328762218, a **kurtosis** of 0.141973079142432, and a **standard error** of 0.000299735240596233.

The **Pgra_B_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0126680631608335, **median** = 0.0122532261656279, **standard deviation** = 0.00289072676071711, **min value** = 0.00551803619159427, **max value** = 0.0298594284657995, which accounts for **range** = 0.0243413922742052. It has a **skewness** of 0.752902112047388, a **kurtosis** of 0.606394789619705, and a **standard error** of 2.52814979456492e-05.

The **Pgra_X_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.209079654876473, **median** = 0.196530359821987, **standard deviation** = 0.0814674510554839, **min value** = 0.0383921983530314, **max value** = 0.625149024945307, which accounts for **range** = 0.586756826592276. It has a **skewness** of 0.751954009751179, a **kurtosis** of 0.310982944232965, and a **standard error** of 0.000712491828866439.

The **Pgra_Y_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.360438119288511, **median** = 0.336952759935895, **standard deviation** = 0.145069083644146, **min value** = 0.0658694193702851, **max value** = 1.09085014520649, which accounts for **range** = 1.0249807258362. It has a **skewness** of 0.809959721828296, a **kurtosis** of 0.46643358294031, and a **standard error** of 0.00126873414324945.

The **Pgra_Z_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0485200623944899, **median** = 0.0462986469806447, **standard deviation** = 0.0148460074796038, **min value** = 0.0167311115135655, **max value** = 0.131938352079997, which accounts for **range** = 0.115207240566431. It has a **skewness** of 0.736345747830906, a **kurtosis** of 0.435822243727081, and a **standard error** of 0.000129839081540722.

The **Pgra_H_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0272321174857179, **median** = 0.0265206821485666, **standard deviation** = 0.00453063931616115, **min value** = 0.00926918185595305, **max value** = 0.061789141953536, which accounts for **range** = 0.0525199600975829. It has a **skewness** of 0.890789254039751, a **kurtosis** of 2.09721868357567, and a **standard error** of 3.96237202770389e-05.

The **Pgra_S_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.038429539297826, **median** = 0.038338838998091, **standard deviation** = 0.00384734871816363, **min value** = 0.0197313888549775, **max value** = 0.0633739724764024, which accounts for **range** = 0.0436425836214249. It has a **skewness** of 0.106059308204804, a **kurtosis** of 0.745089678104708, and a **standard error** of 3.36478494045976e-05.

The **Pgra_V_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0194123316902381, **median** = 0.0188770588859108, **standard deviation** = 0.00508470459307731, **min value** = 0.00712057359518026, **max value** = 0.0440387471561685, which accounts for **range** = 0.0369181735609882. It has a **skewness** of 0.471824111169105, a **kurtosis** of -0.112151869359482, and a **standard error** of 4.44694221781886e-05.

The **Pgra_u_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00742426468435385, **median** = 0.00743061857126002, **standard deviation** = 0.000723087302831152, **min value** = 0.00374045803600546, **max value** = 0.0107430328222655, which accounts for **range** = 0.00700257478626004. It has a **skewness** of -0.040609726194704, a **kurtosis** of 0.344947197996055, and a **standard error** of 6.32392186265153e-06.

The **Pgra_v_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0203260831546594, **median** = 0.0205009842746871, **standard deviation** = 0.00280470297000117, **min value** = 0.00751753675814696, **max value** = 0.0357060549049694, which accounts for **range** = 0.0281885181468224. It has a **skewness** of -0.286507158162482, a **kurtosis** of 0.273221679227631, and a **standard error** of 2.45291576283919e-05.

The **Pgra_l_std_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.360212066504729, **median** = 0.336483574253349, **standard deviation** = 0.145082532359614, **min value** = 0.0659256004674811, **max value** = 1.135573702844, which accounts for **range** = 1.06964810237652. It has a **skewness** of 0.817173529448588, a **kurtosis** of 0.494164256217662, and a **standard error** of 0.00126885176200094.

The **Pgra_L_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0434892603259816, **median** = 0.0430508195326983, **standard deviation** = 0.0238598048709492, **min value** = 0, **max value** = 0.306194861010875, which accounts for **range** = 0.306194861010875. It has a **skewness** of 1.03874385171161, a **kurtosis** of 4.58145863401888, and a **standard error** of 0.000208671264273643.

The **Pgra_a_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0116113949240351, **median** = 0.0122847705432129, **standard deviation** = 0.00393005906309903, **min value** = 0, **max value** = 0.0313411584311517, which accounts for **range** = 0.0313411584311517. It has a **skewness** of -1.53142230196525, a **kurtosis** of 3.24940051445067, and a **standard error** of 3.43712112401001e-05.

The **Pgra_b_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0256732841041703, **median** = 0.0262173005885222, **standard deviation** = 0.0117784305913211, **min value** = 0, **max value** = 0.117100892243651, which accounts for **range** = 0.117100892243651. It has a **skewness** of 0.293435029497634, a **kurtosis** of 2.48816876871839, and a **standard error** of 0.000103010901218345.

The **Pgra_C_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0750824116697674, **median** = 0.0635377435650578, **standard deviation** = 0.052022414038685, **min value** = 0, **max value** = 1.21699969433545, which accounts for **range** = 1.21699969433545. It has a **skewness** of 3.64801473026676, a **kurtosis** of 31.6796392948496, and a **standard error** of 0.000454973666663832.

The **Pgra_M_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0601148932068765, **median** = 0.0590329757894302, **standard deviation** = 0.0245182275501571, **min**

value = 0, **max value** = 0.276877868608449, which accounts for **range** = 0.276877868608449. It has a **skewness** of 0.369289103998999, a **kurtosis** of 5.33702954554129, and a **standard error** of 0.000214429647195879.

The **Pgra_Ye_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.64192971153704, **median** = 0.486468508723924, **standard deviation** = 1.59607200005938, **min value** = 0, **max value** = 89.4797837781297, which accounts for **range** = 89.4797837781297. It has a **skewness** of 32.2810784637184, a **kurtosis** of 1436.19346908139, and a **standard error** of 0.0139588049410106.

The **Pgra_K_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.138756139494023, **median** = 0.111501715543225, **standard deviation** = 0.163298407817498, **min value** = 0, **max value** = 5.31417611147658, which accounts for **range** = 5.31417611147658. It has a **skewness** of 14.7946711060371, a **kurtosis** of 361.729256475512, and a **standard error** of 0.00142816277825639.

The **Pgra_R_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0441304970780906, **median** = 0.0422571558246178, **standard deviation** = 0.0266236452446112, **min value** = 0, **max value** = 0.246910485607151, which accounts for **range** = 0.246910485607151. It has a **skewness** of 0.934701115585818, a **kurtosis** of 2.26625258263813, and a **standard error** of 0.000232843048919074.

The **Pgra_G_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0635313744126586, **median** = 0.0606638339192593, **standard deviation** = 0.0409266891992064, **min value** = 0, **max value** = 1.09018091612293, which accounts for **range** = 1.09018091612293. It has a **skewness** of 3.65293730108735, a **kurtosis** of 47.8252904811338, and a **standard error** of 0.000357933521414968.

The **Pgra_B_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0124483093797412, **median** = 0.0126293322921388, **standard deviation** = 0.00543457714612823, **min value** = 0, **max value** = 0.0338840173288714, which accounts for **range** = 0.0338840173288714. It has a **skewness** of -0.398161703777581, a **kurtosis** of 0.148739295588695, and a **standard error** of 4.75293109063096e-05.

The **Pgra_X_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.121035920921308, **median** = 0.107151303980028, **standard deviation** = 0.0876656914842315, **min value** = 0, **max value** = 0.951005170158552, which accounts for **range** = 0.951005170158552. It has a **skewness** of 1.45653065582846, a **kurtosis** of 4.12178222143156, and a **standard error** of 0.000766699927949159.

The **Pgra_Y_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.153437315406869, **median** = 0.128606071286483, **standard deviation** = 0.125895612677155, **min value** = 0, **max value** = 2.07092643215243, which accounts for **range** = 2.07092643215243. It has a **skewness** of 2.45941760689505, a **kurtosis** of 13.4464471320478, and a **standard error** of 0.00110104826112107.

The **Pgra_Z_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.031836069646313, **median** = 0.0319722481728382, **standard deviation** = 0.0161836195669457, **min value** = 0, **max value** = 0.135967570338527, which accounts for **range** = 0.135967570338527. It has a **skewness** of 0.0756798490377089, a **kurtosis** of -0.0060615636366621, and a **standard error** of 0.000141537467461438.

The **Pgra_H_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0553758928054091, **median** = 0.0591799083750769, **standard deviation** = 0.0188285997217081, **min value** = 0, **max value** = 0.162145926083713, which accounts for **range** = 0.162145926083713. It has a **skewness** of -1.49972062956757, a **kurtosis** of 3.32107523333894, and a **standard error** of 0.000164669733456831.

The **Pgra_S_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.103233914739629, **median** = 0.0937625938073416, **standard deviation** = 0.0610134456050333, **min value** = 0, **max value** = 0.776661756461263, which accounts for **range** = 0.776661756461263. It has a **skewness** of 1.47092622403262, a **kurtosis** of 6.1753548259831, and a **standard error** of 0.000533606745778343.

The **Pgra_V_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0207598293948197, **median** = 0.0214544036597552, **standard deviation** = 0.00998158887896002, **min value** = 0, **max value** = 0.0551346101331457, which accounts for **range** = 0.0551346101331457.

It has a **skewness** of -0.284278869401977, a **kurtosis** of -0.513339653798705, and a **standard error** of 8.72962198181406e-05.

The **Pgra_u_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0100040212508781, **median** = 0.0103136829473809, **standard deviation** = 0.00368868489467034, **min value** = 0, **max value** = 0.0319568860941541, which accounts for **range** = 0.0319568860941541. It has a **skewness** of -0.893998599990494, a **kurtosis** of 2.34358342295959, and a **standard error** of 3.22602194209533e-05.

The **Pgra_v_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0212411605550786, **median** = 0.0226172429415479, **standard deviation** = 0.00802191908839092, **min value** = 0, **max value** = 0.0948346452121734, which accounts for **range** = 0.0948346452121734. It has a **skewness** of -0.800470364865686, a **kurtosis** of 2.63526962935845, and a **standard error** of 7.01574890125583e-05.

The **Pgra_l_std_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.1533007439758, **median** = 0.128512092715988, **standard deviation** = 0.125802880879303, **min value** = 0, **max value** = 2.07563793832524, which accounts for **range** = 2.07563793832524. It has a **skewness** of 2.46651182479257, a **kurtosis** of 13.5778220128346, and a **standard error** of 0.00110023725442589.

The **Pgra_L_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0571689022632991, **median** = 0.0556947153268034, **standard deviation** = 0.0222151504011105, **min value** = 0.00967865434194807, **max value** = 0.133978789368161, which accounts for **range** = 0.124300135026213. It has a **skewness** of 0.304176710805588, a **kurtosis** of -0.451722016457719, and a **standard error** of 0.000194287570468485.

The **Pgra_a_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00851145222434577, **median** = 0.00851953442920787, **standard deviation** = 0.00112405566432455, **min value** = 0.00385145480605387, **max value** = 0.0143713539840189, which accounts for **range** = 0.010519899177965. It has a **skewness** of 0.0788500127675162, a **kurtosis** of 1.58501429438303, and a **standard error** of 9.83068042078348e-06.

The **Pgra_b_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.023987293300206, **median** = 0.0245340947050277, **standard deviation** = 0.00478339835758715, **min value** = 0.0070734536067837, **max value** = 0.0371946632823822, which accounts for **range** = 0.0301212096755985. It has a **skewness** of -0.513858424008835, a **kurtosis** of -0.0777551822053129, and a **standard error** of 4.18342810513718e-05.

The **Pgra_C_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0413413982589834, **median** = 0.0415035983590449, **standard deviation** = 0.0030154811086722, **min value** = 0.0258009988043052, **max value** = 0.0828277029000733, which accounts for **range** = 0.0570267040957681. It has a **skewness** of -0.115957819104932, a **kurtosis** of 4.20269199118815, and a **standard error** of 2.63725650206829e-05.

The **Pgra_M_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0380168836332515, **median** = 0.0382220003013911, **standard deviation** = 0.00401796823781644, **min value** = 0.0180647146978256, **max value** = 0.0553987274896623, which accounts for **range** = 0.0373340127918367. It has a **skewness** of -0.208747691239813, a **kurtosis** of 1.20597433684885, and a **standard error** of 3.51400406051663e-05.

The **Pgra_Ye_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.714411837066956, **median** = 0.722727232134888, **standard deviation** = 0.227618434984615, **min value** = 0.0514365603746758, **max value** = 1.71043996380126, which accounts for **range** = 1.65900340342658. It has a **skewness** of -0.107587133725963, a **kurtosis** of 0.339668311435397, and a **standard error** of 0.00199068797323061.

The **Pgra_K_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.189263507987617, **median** = 0.187412751311499, **standard deviation** = 0.04980122913818, **min value** = 0.0473119500347437, **max value** = 0.40058814026118, which accounts for **range** = 0.353276190226436.

It has a **skewness** of 0.274993541005143, a **kurtosis** of 0.123317097700047, and a **standard error** of 0.000435547796926806.

The **Pgra_R_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0452251923510267, **median** = 0.0436762980711696, **standard deviation** = 0.0181935783434762, **min value** = 0.00893843650910387, **max value** = 0.111531224648224, which accounts for **range** = 0.10259278813912. It has a **skewness** of 0.399042597551815, a **kurtosis** of -0.363035036464536, and a **standard error** of 0.000159116011850423.

The **Pgra_G_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.103492500825297, **median** = 0.0988087965105693, **standard deviation** = 0.0461574605682958, **min value** = 0.0136139797223838, **max value** = 0.268284042467044, which accounts for **range** = 0.25467006274466. It has a **skewness** of 0.454883336142732, a **kurtosis** of -0.355929581935858, and a **standard error** of 0.000403680403278334.

The **Pgra_B_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0118023834793879, **median** = 0.0115971972080139, **standard deviation** = 0.00334082269816683, **min value** = 0.0041410522226543, **max value** = 0.027236563187401, which accounts for **range** = 0.0230955109647467. It has a **skewness** of 0.380834486517421, a **kurtosis** of -0.0749250637938332, and a **standard error** of 2.92179127160155e-05.

The **Pgra_X_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.174647345000727, **median** = 0.1628891300811, **standard deviation** = 0.088812674057407, **min value** = 0.0129705938708231, **max value** = 0.547323382634073, which accounts for **range** = 0.53435278876325. It has a **skewness** of 0.606504412548789, a **kurtosis** of -0.0259092747883054, and a **standard error** of 0.000776731120783253.

The **Pgra_Y_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.278463417509972, **median** = 0.25060872976241, **standard deviation** = 0.159835284799574, **min value** = 0.0147199610124509, **max value** = 0.986340830179427, which accounts for **range** = 0.971620869166976. It has a **skewness** of 0.777513327501764, a **kurtosis** of 0.275921424186632, and a **standard error** of 0.00139787526071826.

The **Pgra_Z_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0413793620386103, **median** = 0.0396780757146287, **standard deviation** = 0.0165313027290541, **min value** = 0.0076217314682143, **max value** = 0.115996305435583, which accounts for **range** = 0.108374573967369. It has a **skewness** of 0.508170027664731, a **kurtosis** of -0.0117386396239789, and a **standard error** of 0.000144578208380998.

The **Pgra_H_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0294582343333038, **median** = 0.0285399068303278, **standard deviation** = 0.00467772182904959, **min value** = 0.0148461937030835, **max value** = 0.0620114112208041, which accounts for **range** = 0.0471652175177206. It has a **skewness** of 0.740782271490405, a **kurtosis** of 0.898975663580765, and a **standard error** of 4.091006331643e-05.

The **Pgra_S_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.041314252659441, **median** = 0.0410817635364429, **standard deviation** = 0.00412684596632993, **min value** = 0.0250038078678279, **max value** = 0.0626388156571648, which accounts for **range** = 0.0376350077893369. It has a **skewness** of 0.259925810079583, a **kurtosis** of 0.444536995091122, and a **standard error** of 3.60922551510537e-05.

The **Pgra_V_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0184149744361475, **median** = 0.0181348175868782, **standard deviation** = 0.00553584032768733, **min value** = 0.00479589054634819, **max value** = 0.0410891726204293, which accounts for **range** = 0.0362932820740811. It has a **skewness** of 0.223863674691304, a **kurtosis** of -0.371454096629897, and a **standard error** of 4.84149307273685e-05.

The **Pgra_u_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.00757089323549331, **median** = 0.00760523457807477, **standard deviation** = 0.000759859693257714,

min value = 0.00408578542362626, **max value** = 0.0102999028239719, which accounts for **range** = 0.00621411740034564. It has a **skewness** of -0.301887059397184, a **kurtosis** of 0.568465885681638, and a **standard error** of 6.64552303425279e-06.

The **Pgra_v_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0198186587879071, **median** = 0.0201639076355324, **standard deviation** = 0.00384771174311616, **min value** = 0.00663257539440493, **max value** = 0.0298347595287049, which accounts for **range** = 0.0232021841343. It has a **skewness** of -0.393705018567022, a **kurtosis** of -0.240070072823498, and a **standard error** of 3.36510243205795e-05.

The **Pgra_l_std_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.278285262867687, **median** = 0.250335670428084, **standard deviation** = 0.159833640234609, **min value** = 0.0147559810837118, **max value** = 0.98697643105565, which accounts for **range** = 0.972220449971938. It has a **skewness** of 0.782014770153041, a **kurtosis** of 0.290687458836342, and a **standard error** of 0.00139786087780724.

The **Gra_L_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.690190764783342, **median** = 0.711581672984794, **standard deviation** = 0.293811078246974, **min value** = -0.29731815699488, **max value** = 4.13030073048874, which accounts for **range** = 4.42761888748362. It has a **skewness** of 1.49463484020487, a **kurtosis** of 15.1945059876468, and a **standard error** of 0.00256959055143183.

The **Gra_a_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.627425209689354, **median** = 0.655504151640312, **standard deviation** = 0.37124276060543, **min value** = -0.627669492872064, **max value** = 4.11980396074256, which accounts for **range** = 4.74747345361462. It has a **skewness** of 1.20166972485748, a **kurtosis** of 9.01919993099446, and a **standard error** of 0.00324678666179263.

The **Gra_b_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.656975617949603, **median** = 0.68715139077694, **standard deviation** = 0.28940761946232, **min value** = -0.862847346149031, **max value** = 4.04745857377265, which accounts for **range** = 4.91030591992168. It has a **skewness** of 0.947795373777151, a **kurtosis** of 11.3359329252097, and a **standard error** of 0.00253107911696116.

The **Gra_C_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.875610894332371, **median** = 0.900182480145692, **standard deviation** = 0.267316472083247, **min value** = -0.10076558369204, **max value** = 4.07218745769576, which accounts for **range** = 4.1729530413878. It has a **skewness** of 0.568343520716389, a **kurtosis** of 8.01343673332336, and a **standard error** of 0.00233787604267872.

The **Gra_M_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.737574984910992, **median** = 0.731861625448862, **standard deviation** = 0.304844764415613, **min value** = -0.212795582011035, **max value** = 4.10560204152609, which accounts for **range** = 4.31839762353713. It has a **skewness** of 1.39177687309709, a **kurtosis** of 9.71963569621311, and a **standard error** of 0.00266608812359814.

The **Gra_Ye_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.567889331680247, **median** = 0.468687956297118, **standard deviation** = 0.43225037921463, **min value** = -0.371505638803547, **max value** = 4.06936757256882, which accounts for **range** = 4.44087321137237. It has a **skewness** of 3.13045062745682, a **kurtosis** of 13.7854256677888, and a **standard error** of 0.00378034244627459.

The **Gra_K_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.18010996389604, **median** = 1.19041324254094, **standard deviation** = 0.243797745710383, **min value** = -0.371692765842254, **max value** = 1.87874724766839, which accounts for **range** = 2.25044001351064. It has a **skewness** of -0.424537951419658, a **kurtosis** of 0.876454571122155, and a **standard error** of 0.00213218775675703.

The **Gra_R_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

0.730239533266071, **median** = 0.752062882127884, **standard deviation** = 0.249915697425705, **min value** = -0.424852780612731, **max value** = 4.05394650220378, which accounts for **range** = 4.47879928281651. It has a **skewness** of 1.42507586615003, a **kurtosis** of 20.3883447187028, and a **standard error** of 0.00218569367292468.

The **Gra_G_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.6555212242074, **median** = 0.674415419374197, **standard deviation** = 0.306612896726149, **min value** = -0.387818163825622, **max value** = 4.15202534341523, which accounts for **range** = 4.53984350724085. It has a **skewness** of 1.63081805708655, a **kurtosis** of 14.8560329412638, and a **standard error** of 0.00268155172049838.

The **Gra_B_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.745281153030577, **median** = 0.777470994095125, **standard deviation** = 0.264784443088883, **min value** = -0.374855249536477, **max value** = 4.06645616650605, which accounts for **range** = 4.44131141604253. It has a **skewness** of 1.24109820155894, a **kurtosis** of 17.4603889049637, and a **standard error** of 0.00231573161633956.

The **Gra_X_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.632875343201087, **median** = 0.624087919899047, **standard deviation** = 0.337848398562515, **min value** = -0.265341926154175, **max value** = 4.0807538723507, which accounts for **range** = 4.34609579850487. It has a **skewness** of 2.36765374643855, a **kurtosis** of 17.3905193183068, and a **standard error** of 0.00295472879355786.

The **Gra_Y_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.615424343481648, **median** = 0.581164316858723, **standard deviation** = 0.36092170788914, **min value** = -0.233278980160365, **max value** = 4.15311220582033, which accounts for **range** = 4.38639118598069. It has a **skewness** of 2.79747662252315, a **kurtosis** of 17.5356962887513, and a **standard error** of 0.00315652158499958.

The **Gra_Z_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.671571767601073, **median** = 0.693309393486491, **standard deviation** = 0.319048232110568, **min value** = -0.304314627440782, **max value** = 4.14100635214823, which accounts for **range** = 4.44532097958901. It has a **skewness** of 1.85729425485568, a **kurtosis** of 15.8088174057321, and a **standard error** of 0.00279030772962623.

The **Gra_H_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.776171179600946, **median** = 0.523997186802965, **standard deviation** = 0.991082604545752, **min value** = -1.93874380784828, **max value** = 4.24007148380101, which accounts for **range** = 6.17881529164929. It has a **skewness** of 1.11400233944981, a **kurtosis** of 1.2694777679067, and a **standard error** of 0.00866773476182036.

The **Gra_S_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.780871517039604, **median** = 0.810808555726104, **standard deviation** = 0.254530889627865, **min value** = -0.391195762144573, **max value** = 4.05588042773707, which accounts for **range** = 4.44707618988164. It has a **skewness** of 0.199537845302963, a **kurtosis** of 7.31813450888059, and a **standard error** of 0.00222605686939252.

The **Gra_V_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.681863946296694, **median** = 0.713256353336442, **standard deviation** = 0.304610158662076, **min value** = -0.384069800882726, **max value** = 4.05825974616741, which accounts for **range** = 4.44232954705014. It has a **skewness** of 1.45999901107758, a **kurtosis** of 15.7459470997056, and a **standard error** of 0.00266403632646648.

The **Gra_u_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.675680809029817, **median** = 0.698345100989348, **standard deviation** = 0.183531336802292, **min value** = -0.976513954727829, **max value** = 2.09058887023625, which accounts for **range** = 3.06710282496408. It has a **skewness** of -1.35857160971254, a **kurtosis** of 5.75458676287746, and a **standard error** of 0.00160511438762837.

The **Gra_v_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.889751491965807, **median** = 0.906450260192255, **standard deviation** = 0.203234792670678, **min value** = -0.321823398306717, **max value** = 3.65244857977609, which accounts for **range** = 3.97427197808281. It has a **skewness** of -0.0701497531616931, a **kurtosis** of 7.6899717392338, and a **standard error** of 0.00177743537134363.

The **Gra_l_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.620240095178327, **median** = 0.585652936211595, **standard deviation** = 0.361778927317693, **min value** = -0.196434830688343, **max value** = 4.15318012993155, which accounts for **range** = 4.34961496061989. It has a **skewness** of 2.79656531517133, a **kurtosis** of 17.4614007733931, and a **standard error** of 0.00316401858939185.

The **Gra_L_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.931489042950568, **median** = 1.15035388657193, **standard deviation** = 1.26624309156026, **min value** = -3, **max value** = 4.16983157771259, which accounts for **range** = 7.16983157771259. It has a **skewness** of -1.91626897280151, a **kurtosis** of 4.06498656912406, and a **standard error** of 0.0110742123928834.

The **Gra_a_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.998322176143702, **median** = 1.20221581734175, **standard deviation** = 1.2915930524065, **min value** = -3, **max value** = 4.19413875565025, which accounts for **range** = 7.19413875565025. It has a **skewness** of -1.88367100257112, a **kurtosis** of 4.00649441160652, and a **standard error** of 0.0112959161497953.

The **Gra_b_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.848740671968582, **median** = 1.05763542524201, **standard deviation** = 1.24325167899962, **min value** = -3, **max value** = 4.06006783123054, which accounts for **range** = 7.06006783123054. It has a **skewness** of -1.89078297495013, a **kurtosis** of 4.00632194142098, and a **standard error** of 0.0108731358479404.

The **Gra_C_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.01319604255329, **median** = 1.2365907886208, **standard deviation** = 1.25624027499717, **min value** = -3, **max value** = 4.08582333555826, which accounts for **range** = 7.08582333555826. It has a **skewness** of -2.12633460487471, a **kurtosis** of 4.81047067500782, and a **standard error** of 0.0109867305216021.

The **Gra_M_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.1136668599503, **median** = 1.34014819264589, **standard deviation** = 1.30636485793906, **min value** = -3, **max value** = 4.16755811954305, which accounts for **range** = 7.16755811954305. It has a **skewness** of -2.01448530664767, a **kurtosis** of 4.43183350202381, and a **standard error** of 0.0114251062815987.

The **Gra_Ye_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.762835734888844, **median** = 0.941800553564841, **standard deviation** = 1.18826989722062, **min value** = -3, **max value** = 4.15049913384603, which accounts for **range** = 7.15049913384603. It has a **skewness** of -2.03686214333277, a **kurtosis** of 4.60144811476792, and a **standard error** of 0.0103922803682793.

The **Gra_K_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.56677008706058, **median** = 1.87906095289329, **standard deviation** = 1.40719979170754, **min value** = -3, **max value** = 4.24177990733126, which accounts for **range** = 7.24177990733126. It has a **skewness** of -2.29612636540986, a **kurtosis** of 5.20174276566529, and a **standard error** of 0.0123069807657458.

The **Gra_R_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.685814078547693, **median** = 0.904851551552388, **standard deviation** = 1.19298974153469, **min value** = -3, **max value** = 4.20313086367843, which accounts for **range** = 7.20313086367843. It has a **skewness** of -1.86322371551731, a **kurtosis** of 4.01992181810854, and a **standard error** of 0.0104335588232171.

The **Gra_G_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.934192682810369, **median** = 1.13996209052925, **standard deviation** = 1.27084390725301, **min value** = -3, **max value** = 4.06525481251123, which accounts for **range** = 7.06525481251123. It has a **skewness** of -1.88618998782841, a **kurtosis** of 4.00156192242148, and a **standard error** of 0.0111144498563702.

The **Gra_B_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.956812064820984, **median** = 1.24528172000265, **standard deviation** = 1.20895625470585, **min value**

= -3, **max value** = 4.1520390827334, which accounts for **range** = 7.1520390827334. It has a **skewness** of -2.36663210232065, a **kurtosis** of 5.48660376991436, and a **standard error** of 0.0105731975380971.

The **Gra_X_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.840548164527363, **median** = 1.07927192208626, **standard deviation** = 1.24549229551986, **min value** = -3, **max value** = 4.15826204132812, which accounts for **range** = 7.15826204132812. It has a **skewness** of -1.87698468144877, a **kurtosis** of 3.90765016912977, and a **standard error** of 0.0108927316612573.

The **Gra_Y_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.924388706519728, **median** = 1.16569014451839, **standard deviation** = 1.26982988588787, **min value** = -3, **max value** = 4.24569214773142, which accounts for **range** = 7.24569214773142. It has a **skewness** of -1.89387590643384, a **kurtosis** of 3.95366326802622, and a **standard error** of 0.011105581505543.

The **Gra_Z_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.925734928816698, **median** = 1.21573005575369, **standard deviation** = 1.214130831568, **min value** = -3, **max value** = 4.13106232711568, which accounts for **range** = 7.13106232711568. It has a **skewness** of -2.26665895150269, a **kurtosis** of 5.1129995473104, and a **standard error** of 0.0106184529583215.

The **Gra_H_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.869234796122232, **median** = 1.11864899835056, **standard deviation** = 1.24001712246606, **min value** = -3, **max value** = 4.24398962690285, which accounts for **range** = 7.24398962690285. It has a **skewness** of -1.92700026891432, a **kurtosis** of 4.26216752169699, and a **standard error** of 0.0108448473097535.

The **Gra_S_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.00736589081084, **median** = 1.19489255144267, **standard deviation** = 1.28075068551081, **min value** = -3, **max value** = 4.05742529237355, which accounts for **range** = 7.05742529237355. It has a **skewness** of -1.9442795754811, a **kurtosis** of 4.27662303576091, and a **standard error** of 0.0112010918031554.

The **Gra_V_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.802351501296056, **median** = 1.08855554758404, **standard deviation** = 1.21337455984592, **min value** = -3, **max value** = 4.16726386598282, which accounts for **range** = 7.16726386598282. It has a **skewness** of -2.01239897415185, a **kurtosis** of 4.29472703396306, and a **standard error** of 0.0106118388146923.

The **Gra_u_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.12634106188197, **median** = 1.355056196402, **standard deviation** = 1.33150424867337, **min value** = -3, **max value** = 4.17158597460053, which accounts for **range** = 7.17158597460053. It has a **skewness** of -1.9200594106461, a **kurtosis** of 3.97057818080321, and a **standard error** of 0.0116449684504627.

The **Gra_v_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.948064874791369, **median** = 1.1384460054616, **standard deviation** = 1.28255568259414, **min value** = -3, **max value** = 4.1386600857602, which accounts for **range** = 7.1386600857602. It has a **skewness** of -1.82513759436337, a **kurtosis** of 3.89598325238811, and a **standard error** of 0.0112168778091779.

The **Gra_l_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.924629446453262, **median** = 1.16321298670775, **standard deviation** = 1.26984592548904, **min value** = -3, **max value** = 4.1909247674524, which accounts for **range** = 7.1909247674524. It has a **skewness** of -1.89438528574147, a **kurtosis** of 3.95420909499759, and a **standard error** of 0.0111057217834653.

The **Gra_L_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.757436215860683, **median** = 0.78514664372032, **standard deviation** = 0.289312229066491, **min value** = -1.31535226557975, **max value** = 4.00363495464083, which accounts for **range** = 5.31898722022058. It has a **skewness** of 0.63809804831764, a **kurtosis** of 9.18109118717111, and a **standard error** of 0.00253024485890227.

The **Gra_a_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.762524948771026, **median** = 0.801818292703622, **standard deviation** = 0.313356440043263, **min value** = -0.524178607310568, **max value** = 3.87920468335648, which accounts for **range** = 4.40338329066705. It has a **skewness** of 0.548188996908126, a **kurtosis** of 7.70073484203047, and a **standard error** of 0.00274052888805182.

The **Gra_b_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.76100869828346, **median** = 0.790749227845424, **standard deviation** = 0.265592131537562, **min value** = -0.627854817258391, **max value** = 3.8273788619176, which accounts for **range** = 4.45523367917599. It has a **skewness** of 0.28386621520508, a **kurtosis** of 7.77176267345179, and a **standard error** of 0.00232279543646033.

The **Gra_C_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.937553020301735, **median** = 0.963778862993099, **standard deviation** = 0.263405147115412, **min value** = -0.351649021462945, **max value** = 3.93904586395028, which accounts for **range** = 4.29069488541322. It has a **skewness** of 0.028868313097256, a **kurtosis** of 5.21346109950812, and a **standard error** of 0.00230366867466218.

The **Gra_M_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.820902047234428, **median** = 0.832711122062404, **standard deviation** = 0.302403449651642, **min value** = -0.74667535936469, **max value** = 3.98761586884795, which accounts for **range** = 4.73429122821264. It has a **skewness** of 0.557638163794753, a **kurtosis** of 5.19076701667232, and a **standard error** of 0.00264473705886634.

The **Gra_Ye_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.539357406854492, **median** = 0.471410774559598, **standard deviation** = 0.357202792419296, **min value** = -0.0896388375103169, **max value** = 3.85833875221089, which accounts for **range** = 3.94797758972121. It has a **skewness** of 3.00733563043335, a **kurtosis** of 15.8358525801357, and a **standard error** of 0.00312399697731664.

The **Gra_K_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.31097200522104, **median** = 1.31038117042909, **standard deviation** = 0.210859138441078, **min value** = 0.063815973279673, **max value** = 1.94286123426278, which accounts for **range** = 1.87904526098311. It has a **skewness** of -0.143903431699474, a **kurtosis** of 0.162783587635133, and a **standard error** of 0.00184411579391095.

The **Gra_R_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.794959780128102, **median** = 0.817372284855471, **standard deviation** = 0.254488039672379, **min value** = -1.32909039980727, **max value** = 3.83366821240306, which accounts for **range** = 5.16275861221033. It has a **skewness** of 0.508464440468819, a **kurtosis** of 11.1694859165576, and a **standard error** of 0.0022256821155153.

The **Gra_G_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.728643610728982, **median** = 0.755989613207054, **standard deviation** = 0.294285582911508, **min value** = -1.17624012987231, **max value** = 4.0156596402325, which accounts for **range** = 5.19189977010481. It has a **skewness** of 0.699864062966597, a **kurtosis** of 9.34474688631855, and a **standard error** of 0.00257374043818856.

The **Gra_B_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.839359105793353, **median** = 0.883234617873624, **standard deviation** = 0.262113017817638, **min value** = -0.326188891775286, **max value** = 4.0400080718393, which accounts for **range** = 4.36619696361459. It has a **skewness** of 0.540372467202562, a **kurtosis** of 12.5233768916821, and a **standard error** of 0.0022923680686585.

The **Gra_X_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.627128605131014, **median** = 0.630180460270009, **standard deviation** = 0.336437867138842, **min value** = -1.75996953614398, **max value** = 3.95579216938382, which accounts for **range** = 5.7157617055278. It has a **skewness** of 1.24143088275829, a **kurtosis** of 10.0815222289287, and a **standard error** of 0.00294239267525901.

The **Gra_Y_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.593292655304859, **median** = 0.575482763265918, **standard deviation** = 0.351629814984425, **min value** = -2.04184662193677, **max value** = 4.01300945767185, which accounts for **range** = 6.05485607960862. It has a **skewness** of 1.58367550668633, a **kurtosis** of 10.8263480713607, and a **standard error** of

0.00307525725570563.

The **Gra_Z_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.759865042999943, **median** = 0.80019086078038, **standard deviation** = 0.315850700733666, **min value** = -0.533444999571128, **max value** = 4.10158056316268, which accounts for **range** = 4.63502556273381. It has a **skewness** of 0.901008891530789, a **kurtosis** of 9.65335921064271, and a **standard error** of 0.00276234300323463.

The **Gra_H_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.662564664405584, **median** = 0.535673703065056, **standard deviation** = 0.931125221952423, **min value** = -2.44719843864435, **max value** = 4.19043851296059, which accounts for **range** = 6.63763695160494. It has a **skewness** of 0.842658224693423, a **kurtosis** of 1.27602688637227, and a **standard error** of 0.00814336405149984.

The **Gra_S_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.863001077022175, **median** = 0.895669386490245, **standard deviation** = 0.241033240017802, **min value** = -0.595967799839261, **max value** = 3.91135551106768, which accounts for **range** = 4.50732331090694. It has a **skewness** of -0.282209367504828, a **kurtosis** of 5.42462516356556, and a **standard error** of 0.00210801015341608.

The **Gra_V_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.70729253039148, **median** = 0.75299742971433, **standard deviation** = 0.317394098744672, **min value** = -1.23666296407234, **max value** = 4.00578404224866, which accounts for **range** = 5.242447006321. It has a **skewness** of 0.626122740841513, a **kurtosis** of 9.02736964102895, and a **standard error** of 0.00277584113601385.

The **Gra_u_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.784606628509958, **median** = 0.812673050007098, **standard deviation** = 0.179131620375399, **min value** = -0.538603405032668, **max value** = 1.49751692831586, which accounts for **range** = 2.03612033334853. It has a **skewness** of -1.45937260493237, a **kurtosis** of 4.50778084626825, and a **standard error** of 0.00156663568278519.

The **Gra_v_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.94841282281822, **median** = 0.969727944817389, **standard deviation** = 0.202418506912177, **min value** = -0.48739038132313, **max value** = 3.36127177468395, which accounts for **range** = 3.84866215600708. It has a **skewness** of -0.527708557976783, a **kurtosis** of 5.02095980156639, and a **standard error** of 0.00177029636152539.

The **Gra_l_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.5972265901861, **median** = 0.580929501738084, **standard deviation** = 0.352097411992056, **min value** = -2.105221425056, **max value** = 4.01067364328641, which accounts for **range** = 6.11589506834241. It has a **skewness** of 1.58667613502645, a **kurtosis** of 10.8543661217783, and a **standard error** of 0.00307934673000271.

The **Pgra_L_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.672233127584226, **median** = 0.669905280460684, **standard deviation** = 0.219001401930071, **min value** = -0.0589770445876036, **max value** = 2.32781702840056, which accounts for **range** = 2.38679407298816. It has a **skewness** of 0.381422983802648, a **kurtosis** of 1.27980252713283, and a **standard error** of 0.00191532578181685.

The **Pgra_a_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.01913975750318, **median** = 1.00908337359758, **standard deviation** = 0.281268587395555, **min value** = -0.223347059824875, **max value** = 2.4976962985373, which accounts for **range** = 2.72104335836217. It has a **skewness** of 0.120299045016619, a **kurtosis** of -0.170674636798746, and a **standard error** of 0.00245989739018168.

The **Pgra_b_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.988340116396132, **median** = 0.982069588074565, **standard deviation** = 0.255179549101674, **min value** = -0.635618290357623, **max value** = 2.39773496332042, which accounts for **range** = 3.03335325367804.

It has a **skewness** of 0.0302715007391852, a **kurtosis** of 0.647720410723105, and a **standard error** of 0.00223172986601655.

The **Pgra_C_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.57922705370611, **median** = 1.59237552394364, **standard deviation** = 0.238704986685501, **min value** = 0.011274947795207, **max value** = 2.84701104983516, which accounts for **range** = 2.83573610203995. It has a **skewness** of -0.65122475722807, a **kurtosis** of 2.01465515423653, and a **standard error** of 0.0020876478927426.

The **Pgra_M_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.29626692647128, **median** = 1.28168034227342, **standard deviation** = 0.251130135456652, **min value** = 0.277744135990953, **max value** = 2.75212610610432, which accounts for **range** = 2.47438197011337. It has a **skewness** of 0.304205929313387, a **kurtosis** of 0.645374673605509, and a **standard error** of 0.00219631481256393.

The **Pgra_Ye_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.409854923554924, **median** = 0.392516127486368, **standard deviation** = 0.158678724331517, **min value** = 0.0608755697199038, **max value** = 1.69767020520493, which accounts for **range** = 1.63679463548503. It has a **skewness** of 0.957651037387577, a **kurtosis** of 2.3436359204441, and a **standard error** of 0.00138776030226057.

The **Pgra_K_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.84859924843727, **median** = 1.86963998442484, **standard deviation** = 0.240228101594413, **min value** = 0.47684374286169, **max value** = 2.63437291558233, which accounts for **range** = 2.15752917272064. It has a **skewness** of -0.702629300949879, a **kurtosis** of 1.35897987961561, and a **standard error** of 0.00210096863511227.

The **Pgra_R_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.471171585228146, **median** = 0.465944435922792, **standard deviation** = 0.245110380295544, **min value** = -0.369812723975589, **max value** = 1.95352028006504, which accounts for **range** = 2.32333300404063. It has a **skewness** of 0.0901735649583225, a **kurtosis** of -0.035534240057391, and a **standard error** of 0.00214366769634147.

The **Pgra_G_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.699201728117329, **median** = 0.694444400779022, **standard deviation** = 0.222148501734659, **min value** = -0.058744793374285, **max value** = 2.38795727377906, which accounts for **range** = 2.44670206715334. It has a **skewness** of 0.493420218046268, a **kurtosis** of 1.54514137182503, and a **standard error** of 0.00194284944760417.

The **Pgra_B_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.244494413336371, **median** = 0.237024470174243, **standard deviation** = 0.181097658342118, **min value** = -0.328203174157541, **max value** = 1.48508589720414, which accounts for **range** = 1.81328907136168. It has a **skewness** of 0.368556061059829, a **kurtosis** of 0.52532632920101, and a **standard error** of 0.00158383010790074.

The **Pgra_X_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.282273366630379, **median** = 0.259168240874409, **standard deviation** = 0.165790189540155, **min value** = -0.0640497174681089, **max value** = 1.36083489050492, which accounts for **range** = 1.42488460797303. It has a **skewness** of 0.566709093099771, a **kurtosis** of -0.163246295938028, and a **standard error** of 0.0014499552130719.

The **Pgra_Y_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.311702897709452, **median** = 0.292405200565398, **standard deviation** = 0.154268456302196, **min value** = 0.0189900772931028, **max value** = 1.38683591487562, which accounts for **range** = 1.36784583758252. It has a **skewness** of 0.580643120737022, a **kurtosis** of 0.0735917079189128, and a **standard error** of 0.00134918931601647.

The **Pgra_Z_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.127711267672341, **median** = 0.109321052859875, **standard deviation** = 0.16956712309288, **min value**

= -0.262623847362287, **max value** = 1.15743877044837, which accounts for **range** = 1.42006261781066. It has a **skewness** of 0.518368083120187, a **kurtosis** of 0.0514166149940061, and a **standard error** of 0.00148298723088543.

The **Pgra_H_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.456197526395146, **median** = 0.41838766921754, **standard deviation** = 0.204253906124556, **min value** = -0.187506480520402, **max value** = 1.7924489382663, which accounts for **range** = 1.9799554187867. It has a **skewness** of 0.873296156484535, a **kurtosis** of 1.29159994205284, and a **standard error** of 0.00178634825617271.

The **Pgra_S_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.51316957768489, **median** = 1.517076223932, **standard deviation** = 0.191202888553136, **min value** = 0.175720949438023, **max value** = 2.89365397942922, which accounts for **range** = 2.7179330299912. It has a **skewness** of -0.275539595009836, a **kurtosis** of 1.64619873398115, and a **standard error** of 0.00167220766066425.

The **Pgra_V_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0582418230632967, **median** = 0.0274245622849736, **standard deviation** = 0.250910560814622, **min value** = -0.486155073025758, **max value** = 1.12340235852509, which accounts for **range** = 1.60955743155085. It has a **skewness** of 0.492826483343975, a **kurtosis** of -0.420247680835098, and a **standard error** of 0.00219439447338251.

The **Pgra_u_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.994596071132846, **median** = 1.00705186654115, **standard deviation** = 0.149786459254299, **min value** = -0.430410016309692, **max value** = 1.96297095421768, which accounts for **range** = 2.39338097052737. It has a **skewness** of -0.997945101980261, a **kurtosis** of 4.209708752048, and a **standard error** of 0.00130999100758462.

The **Pgra_v_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.41205565508772, **median** = 1.41881013716806, **standard deviation** = 0.172685652362858, **min value** = -0.162911741993456, **max value** = 2.85566732997828, which accounts for **range** = 3.01857907197174. It has a **skewness** of -0.228288043895135, a **kurtosis** of 1.49800383203031, and a **standard error** of 0.0015102610266671.

The **Pgra_l_skew_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 0.311879950616994, **median** = 0.292680310986988, **standard deviation** = 0.154137680393354, **min value** = 0.0219100465258269, **max value** = 1.39168175504254, which accounts for **range** = 1.36977170851671. It has a **skewness** of 0.577213755087738, a **kurtosis** of 0.069293248060716, and a **standard error** of 0.00134804558603284.

The **Pgra_L_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.795627055999794, **median** = 0.974234313380693, **standard deviation** = 1.1626659779065, **min value** = -3, **max value** = 3.60705296115484, which accounts for **range** = 6.60705296115484. It has a **skewness** of -2.31293319490146, a **kurtosis** of 5.3861687717247, and a **standard error** of 0.0101683555607405.

The **Pgra_a_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.25990284695642, **median** = 1.503471860187, **standard deviation** = 1.28168521823036, **min value** = -3, **max value** = 3.81525963997125, which accounts for **range** = 6.81525963997125. It has a **skewness** of -2.47887442462351, a **kurtosis** of 5.96390500371071, and a **standard error** of 0.0112092649682399.

The **Pgra_b_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.888586808728098, **median** = 1.09859529065492, **standard deviation** = 1.17355599048068, **min value** = -3, **max value** = 3.64950793675832, which accounts for **range** = 6.64950793675832. It has a **skewness** of -2.45096541236202, a **kurtosis** of 5.85411416037585, and a **standard error** of 0.0102635966033267.

The **Pgra_C_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.20546635762316, **median** = 1.42051227097752, **standard deviation** = 1.28032958908927, **min value** = -3, **max value** = 4.03152185602926, which accounts for **range** = 7.03152185602926. It has a **skewness** of -2.36629304260912, a **kurtosis** of 5.58169236223449, and a **standard error** of 0.0111974090101427.

The **Pgra_M_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.34000837182047, **median** = 1.5568230432386, **standard deviation** = 1.339270829692, **min value** = -3, **max value** = 4.09262583912574, which accounts for **range** = 7.09262583912574. It has a **skewness** of -2.24927672905356, a **kurtosis** of 5.16616378086743, and a **standard error** of 0.0117128928232314.

The **Pgra_Ye_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.24088729890736, **median** = 1.52890000572166, **standard deviation** = 1.27270889537692, **min value** = -3, **max value** = 4.04961861727902, which accounts for **range** = 7.04961861727902. It has a **skewness** of -2.53766919874933, a **kurtosis** of 6.0078285186683, and a **standard error** of 0.0111307605274665.

The **Pgra_K_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.80152456969976, **median** = 2.23659906978071, **standard deviation** = 1.50490711630715, **min value** = -3, **max value** = 4.23768079475693, which accounts for **range** = 7.23768079475693. It has a **skewness** of -2.22955157129338, a **kurtosis** of 4.62146097930006, and a **standard error** of 0.013161502043823.

The **Pgra_R_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.655545821051544, **median** = 0.831889881236916, **standard deviation** = 1.15359323416993, **min value** = -3, **max value** = 3.32383559974061, which accounts for **range** = 6.32383559974061. It has a **skewness** of -2.07391645559146, a **kurtosis** of 4.51831894366041, and a **standard error** of 0.010089007849551.

The **Pgra_G_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.868980735739268, **median** = 1.06179383456546, **standard deviation** = 1.17237216436673, **min value** = -3, **max value** = 3.62761232526892, which accounts for **range** = 6.62761232526892. It has a **skewness** of -2.410361344957, a **kurtosis** of 5.72564311978583, and a **standard error** of 0.0102532431870597.

The **Pgra_B_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.396473934598021, **median** = 0.606113895207115, **standard deviation** = 1.03218549780293, **min value** = -3, **max value** = 2.76504576026359, which accounts for **range** = 5.76504576026359. It has a **skewness** of -2.41380694566874, a **kurtosis** of 5.59248454588941, and a **standard error** of 0.00902720931526578.

The **Pgra_X_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.969567163551068, **median** = 1.21342012690979, **standard deviation** = 1.26020357494428, **min value** = -3, **max value** = 3.23317965940882, which accounts for **range** = 6.23317965940882. It has a **skewness** of -2.07766141999063, a **kurtosis** of 4.29046800121653, and a **standard error** of 0.0110213924484339.

The **Pgra_Y_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02110283620731, **median** = 1.26689261854744, **standard deviation** = 1.27495695460314, **min value** = -3, **max value** = 3.52860661533669, which accounts for **range** = 6.52860661533669. It has a **skewness** of -2.08383215188935, a **kurtosis** of 4.3236390640682, and a **standard error** of 0.0111504214326346.

The **Pgra_Z_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.409538451426656, **median** = 0.608769365643145, **standard deviation** = 1.05409248790577, **min value** = -3, **max value** = 2.92971821150216, which accounts for **range** = 5.92971821150216. It has a **skewness** of -2.26988494359321, a **kurtosis** of 5.0667579311878, and a **standard error** of 0.00921880180086722.

The **Pgra_H_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.52603052735058, **median** = 1.85797069318308, **standard deviation** = 1.32580335174886, **min value** = -3, **max value** = 4.17787522249169, which accounts for **range** = 7.17787522249169. It has a **skewness** of -2.75321014051531, a **kurtosis** of 6.87103354393622, and a **standard error** of 0.0115951099803216.

The **Pgra_S_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.40385276538401, **median** = 1.65214607912445, **standard deviation** = 1.34259432811215, **min value** = -3, **max value** = 4.00208205695503, which accounts for **range** = 7.00208205695503. It has a **skewness** of -2.35905212525675, a **kurtosis** of 5.53798448071322, and a **standard error** of 0.0117419592225961.

The **Pgra_V_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.569150348936346, **median** = 0.796633077215616, **standard deviation** = 1.11856382751899, **min value** = -3, **max value** = 2.62878461534055, which accounts for **range** = 5.62878461534055. It has a **skewness** of -2.18628684163122, a **kurtosis** of 4.65298689545843, and a **standard error** of 0.0097826503327086.

The **Pgra_u_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 0.908400631490211, **median** = 1.13292158650296, **standard deviation** = 1.18263324313654, **min value** = -3, **max value** = 3.61960176916745, which accounts for **range** = 6.61960176916745. It has a **skewness** of -2.42882284694208, a **kurtosis** of 5.77144433783819, and a **standard error** of 0.0103429837482792.

The **Pgra_v_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.35495108286217, **median** = 1.63092539530543, **standard deviation** = 1.33469092967841, **min value** = -3, **max value** = 3.94783004441491, which accounts for **range** = 6.94783004441491. It has a **skewness** of -2.32771965543029, a **kurtosis** of 5.35893547196016, and a **standard error** of 0.0116728382824984.

The **Pgra_l_skew_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 1.02075372780889, **median** = 1.26696209227635, **standard deviation** = 1.27492646024254, **min value** = -3, **max value** = 3.53276643512511, which accounts for **range** = 6.53276643512511. It has a **skewness** of -2.0834535953682, a **kurtosis** of 4.32191368715287, and a **standard error** of 0.0111501547373781.

The **Pgra_L_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.871489160824939, **median** = 0.910829489750771, **standard deviation** = 0.245571432262887, **min value** = -0.685728058654655, **max value** = 1.68023986634595, which accounts for **range** = 2.3659679250006. It has a **skewness** of -0.833059786383311, a **kurtosis** of 1.73206502391894, and a **standard error** of 0.00214769992952366.

The **Pgra_a_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.11959809891807, **median** = 1.12524286592234, **standard deviation** = 0.265213520701555, **min value** = -0.272767904629081, **max value** = 2.03747386066907, which accounts for **range** = 2.31024176529815. It has a **skewness** of -0.360829039638411, a **kurtosis** of 1.03298288066391, and a **standard error** of 0.00231948421064584.

The **Pgra_b_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.11763186934555, **median** = 1.14556283599004, **standard deviation** = 0.237055677050005, **min value** = -0.271934765269892, **max value** = 1.8006315250432, which accounts for **range** = 2.07256629031309. It has a **skewness** of -0.663919388086188, a **kurtosis** of 0.955138161810009, and a **standard error** of 0.00207322348614417.

The **Pgra_C_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.58084836493271, **median** = 1.64217473651283, **standard deviation** = 0.321385349570125, **min value** = -0.295841414060973, **max value** = 2.35009725871497, which accounts for **range** = 2.64593867277594. It has a **skewness** of -1.31845263719259, a **kurtosis** of 2.7315459690935, and a **standard error** of 0.00281074751350876.

The **Pgra_M_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.48037025737859, **median** = 1.48444512463603, **standard deviation** = 0.279433588568121, **min value** = -0.206230999635047, **max value** = 2.424621993295, which accounts for **range** = 2.63085299293005. It has a **skewness** of -0.327272791843518, a **kurtosis** of 1.29128797857458, and a **standard error** of 0.00244384899719052.

The **Pgra_Ye_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.649312683822372, **median** = 0.633784717043417, **standard deviation** = 0.171975549234497, **min value** = 0.189827261581555, **max value** = 1.61039143514154, which accounts for **range** = 1.42056417355998. It has a **skewness** of 0.493955826557932, a **kurtosis** of 0.285781236254106, and a **standard error** of 0.00150405066080865.

The **Pgra_K_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.93666494085715, **median** = 1.95684016970917, **standard deviation** = 0.217246505700981, **min value** = 0.701863352349608, **max value** = 2.64665684102206, which accounts for **range** = 1.94479348867245. It has a **skewness** of -0.585036837274311, a **kurtosis** of 0.929596991914169, and a **standard error** of 0.00189997794402966.

The **Pgra_R_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.73504616277176, **median** = 0.771589880168501, **standard deviation** = 0.252675338880684, **min value**

= -0.606737952906311, **max value** = 1.3443249258313, which accounts for **range** = 1.95106287873761. It has a **skewness** of -0.675595524498921, a **kurtosis** of 0.473431679713291, and a **standard error** of 0.00220982873498688.

The **Pgra_G_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.879060455268439, **median** = 0.913595545489019, **standard deviation** = 0.245359979570236, **min value** = -0.594643761314685, **max value** = 1.72930503539844, which accounts for **range** = 2.32394879671312. It has a **skewness** of -0.701824112245402, a **kurtosis** of 1.44420719251229, and a **standard error** of 0.00214585062266854.

The **Pgra_B_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.415384145523843, **median** = 0.413183483933956, **standard deviation** = 0.163818420360681, **min value** = -0.553775122172831, **max value** = 1.11116175520822, which accounts for **range** = 1.66493687738105. It has a **skewness** of -0.179333406105366, a **kurtosis** of 1.59814656570659, and a **standard error** of 0.00143271066435233.

The **Pgra_X_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.486540358005839, **median** = 0.513710074950046, **standard deviation** = 0.161808857298457, **min value** = -1.02179326987358, **max value** = 1.16548146167916, which accounts for **range** = 2.18727473155274. It has a **skewness** of -1.31808110423038, a **kurtosis** of 3.60815049359105, and a **standard error** of 0.00141513558077138.

The **Pgra_Y_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.50934059192681, **median** = 0.528989865050484, **standard deviation** = 0.148921513046412, **min value** = -1.00809583640057, **max value** = 1.30657164822832, which accounts for **range** = 2.31466748462889. It has a **skewness** of -1.06605781223814, a **kurtosis** of 3.8069834373197, and a **standard error** of 0.00130242642691413.

The **Pgra_Z_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.267797941697674, **median** = 0.290988309442736, **standard deviation** = 0.199456992969432, **min value** = -0.96697487215523, **max value** = 1.16075382965669, which accounts for **range** = 2.12772870181192. It has a **skewness** of -0.811946985127269, a **kurtosis** of 1.91224589727173, and a **standard error** of 0.00174439577843433.

The **Pgra_H_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.656364322574839, **median** = 0.587302078615463, **standard deviation** = 0.319006593522043, **min value** = -0.560524315451054, **max value** = 2.58866560172037, which accounts for **range** = 3.14918991717142. It has a **skewness** of 1.20218336193946, a **kurtosis** of 1.92340680457361, and a **standard error** of 0.0027899435700299.

The **Pgra_S_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.45006902077431, **median** = 1.506319640514, **standard deviation** = 0.32257112443732, **min value** = -0.218791419650687, **max value** = 2.23875530999258, which accounts for **range** = 2.45754672964327. It has a **skewness** of -0.903552227950135, a **kurtosis** of 1.07976833494641, and a **standard error** of 0.00282111797303347.

The **Pgra_V_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.284886441628539, **median** = 0.300695380245942, **standard deviation** = 0.230601558216424, **min value** = -0.879776706352554, **max value** = 0.992371210813214, which accounts for **range** = 1.87214791716577. It has a **skewness** of -0.501544421840115, a **kurtosis** of 0.715337329269955, and a **standard error** of 0.0020167775451962.

The **Pgra_u_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.994190545728297, **median** = 1.01803625281267, **standard deviation** = 0.168653259532706, **min value** = -0.234129140861998, **max value** = 1.4839450591201, which accounts for **range** = 1.7180741999821. It has a **skewness** of -1.34767713731082, a **kurtosis** of 4.16227956685128, and a **standard error** of 0.00147499483256086.

The **Pgra_v_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** =

1.36263563286352, **median** = 1.39735681771631, **standard deviation** = 0.294405957445524, **min value** = -0.188965462588968, **max value** = 2.10388611157563, which accounts for **range** = 2.2928515741646. It has a **skewness** of -0.843088531458514, a **kurtosis** of 1.25766829052515, and a **standard error** of 0.00257479320062041.

The **Pgra_l_skew_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 0.509425458464963, **median** = 0.52947554630508, **standard deviation** = 0.148977124356676, **min value** = -0.999314246566484, **max value** = 1.30259435594685, which accounts for **range** = 2.30190860251333. It has a **skewness** of -1.06998177130508, a **kurtosis** of 3.81141365558396, and a **standard error** of 0.00130291278807607.

The **Gra_L_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.34295353507155, **median** = 2.29839453159, **standard deviation** = 0.791049138872478, **min value** = 1.24420732401086, **max value** = 19.8827249845113, which accounts for **range** = 18.6385176605004. It has a **skewness** of 10.4561377485642, a **kurtosis** of 169.838899616615, and a **standard error** of 0.00691829731231703.

The **Gra_a_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.4259375814027, **median** = 2.32432310466247, **standard deviation** = 1.00946665923668, **min value** = 1.29331633889382, **max value** = 19.9439410997932, which accounts for **range** = 18.6506247608994. It has a **skewness** of 8.37452064671211, a **kurtosis** of 97.2833045910309, and a **standard error** of 0.00882851662720365.

The **Gra_b_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.34321659493078, **median** = 2.29654182512221, **standard deviation** = 0.721775240658762, **min value** = 1.33379788564249, **max value** = 19.5843082325792, which accounts for **range** = 18.2505103469367. It has a **skewness** of 10.4237524008302, a **kurtosis** of 166.555823656229, and a **standard error** of 0.00631244692923111.

The **Gra_C_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.64987816542083, **median** = 2.64323427606117, **standard deviation** = 0.698591861540223, **min value** = 1.19964093875406, **max value** = 19.5748034781845, which accounts for **range** = 18.3751625394304. It has a **skewness** of 7.13051189226397, a **kurtosis** of 126.65163142789, and a **standard error** of 0.0061096914977862.

The **Gra_M_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.33816546416499, **median** = 2.25449708011724, **standard deviation** = 0.88465660071231, **min value** = 1.16908902735415, **max value** = 19.7032353011697, which accounts for **range** = 18.5341462738155. It has a **skewness** of 6.78997195831151, a **kurtosis** of 84.3137678865499, and a **standard error** of 0.00773696232291598.

The **Gra_Ye_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.10411674032, **median** = 1.66807401034754, **standard deviation** = 1.63908362203088, **min value** = 1.09696610592531, **max value** = 19.4665701506111, which accounts for **range** = 18.3696040446858. It has a **skewness** of 4.98165246850661, a **kurtosis** of 30.1711050299961, and a **standard error** of 0.0143349727086766.

The **Gra_K_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.17116159921021, **median** = 3.13662120979831, **standard deviation** = 0.598019935605358, **min value** = 1.22445237242839, **max value** = 5.28743968635389, which accounts for **range** = 4.0629873139255. It has a **skewness** of 0.25829516300577, a **kurtosis** of -0.128308254620117, and a **standard error** of 0.00523011720751966.

The **Gra_R_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37796186716124, **median** = 2.33383760720789, **standard deviation** = 0.646944597956087, **min value** = 1.30729353352353, **max value** = 19.3509632264441, which accounts for **range** = 18.0436696929206. It has a **skewness** of 13.2123554718247, a **kurtosis** of 273.97558536727, and a **standard error** of 0.00565799879339624.

The **Gra_G_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.26054400094822, **median** = 2.20169941909808, **standard deviation** = 0.846024019034309, **min value** = 1.23090960547937, **max value** = 20.0268020335253, which accounts for **range** = 18.7958924280459. It has a **skewness** of 10.0135733167943, a **kurtosis** of 147.98075204587, and a **standard error** of 0.00739909243234036.

The **Gra_B_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.49415099111682, **median** = 2.46813397827087, **standard deviation** = 0.697425788046766, **min value** = 1.25218452334667, **max value** = 19.7449977552257, which accounts for **range** = 18.492813231879. It has a **skewness** of 11.9444741946192, a **kurtosis** of 217.746478779244, and a **standard error** of 0.00609949334103548.

The **Gra_X_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.31140831579945, **median** = 2.19861754546045, **standard deviation** = 1.05657973352396, **min value** = 1.21389434620171, **max value** = 19.3755411184294, which accounts for **range** = 18.1616467722277. It has a **skewness** of 8.17986510139688, a **kurtosis** of 96.291418451398, and a **standard error** of 0.00924055456416576.

The **Gra_Y_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.24604325904573, **median** = 2.05672366093453, **standard deviation** = 1.22625341558278, **min value** = 1.15901182341738, **max value** = 19.9310783929506, which accounts for **range** = 18.7720665695332. It has a **skewness** of 7.02540587802061, a **kurtosis** of 67.1531871065718, and a **standard error** of 0.01072447373034.

The **Gra_Z_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.45335058467264, **median** = 2.38728517535024, **standard deviation** = 0.929622232051826, **min value** = 1.2682676409126, **max value** = 20.090356650168, which accounts for **range** = 18.8220890092554. It has a **skewness** of 9.0308907582527, a **kurtosis** of 116.246099732554, and a **standard error** of 0.00813021931689517.

The **Gra_H_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.0028370221339, **median** = 2.7588569773594, **standard deviation** = 3.33698520363637, **min value** = 1.30217341346718, **max value** = 20.6951651489244, which accounts for **range** = 19.3929917354572. It has a **skewness** of 2.57868689683868, a **kurtosis** of 6.66947816291181, and a **standard error** of 0.0291843510486152.

The **Gra_S_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37873830418931, **median** = 2.36951342535572, **standard deviation** = 0.545924202940034, **min value** = 1.31597138083033, **max value** = 19.6605919269866, which accounts for **range** = 18.3446205461563. It has a **skewness** of 10.3098091986812, a **kurtosis** of 241.919131924927, and a **standard error** of 0.00477450231639492.

The **Gra_V_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.42217864331145, **median** = 2.37114241300762, **standard deviation** = 0.825830562843994, **min value** = 1.2455624008052, **max value** = 19.6732434602869, which accounts for **range** = 18.4276810594817. It has a **skewness** of 10.481644411536, a **kurtosis** of 157.316609099453, and a **standard error** of 0.00722248604112809.

The **Gra_u_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.21916569562442, **median** = 2.21026602197657, **standard deviation** = 0.239536569976025, **min value** = 1.29196599701772, **max value** = 9.16226182632118, which accounts for **range** = 7.87029582930346. It has a **skewness** of 2.74750538134967, a **kurtosis** of 61.99962472551, and a **standard error** of 0.00209492069055134.

The **Gra_v_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.48684669602555, **median** = 2.47020715075363, **standard deviation** = 0.416627944855588, **min value** = 1.39150772708467, **max value** = 17.4369275947909, which accounts for **range** = 16.0454198677062. It has a **skewness** of 10.75203289987, a **kurtosis** of 321.853131853736, and a **standard error** of 0.00364371294966448.

The **Gra_l_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.2489787331768, **median** = 2.05910599072527, **standard deviation** = 1.23188624021943, **min value** = 1.1493013320917, **max value** = 19.9304808424374, which accounts for **range** = 18.7811795103457. It has a **skewness** of 7.00418455870121, a **kurtosis** of 66.6188715444138, and a **standard error** of 0.0107737368590503.

The **Gra_L_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.399556795359, **median** = 3.0357477067283, **standard deviation** = 2.8231073840085, **min value** = -3, **max value** = 20.2584465090788, which accounts for **range** = 23.2584465090788. It has a **skewness** of 0.513150289429829, a **kurtosis** of 3.17326141040226, and a **standard error** of 0.0246901175507339.

The **Gra_a_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.5088264413006, **median** = 3.02815217237452, **standard deviation** = 2.99088793172459, **min value** = -3, **max value** = 20.2858088368759, which accounts for **range** = 23.2858088368759. It has a **skewness** of 0.667786013638485, a **kurtosis** of 3.00989681359987, and a **standard error** of 0.026157479886755.

The **Gra_b_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.17443683736322, **median** = 2.83293773466027, **standard deviation** = 2.6812109478548, **min value** = -3, **max value** = 19.3758113492885, which accounts for **range** = 22.3758113492885. It has a **skewness** of 0.515601513762419, a **kurtosis** of 3.58111787782098, and a **standard error** of 0.0234491305062771.

The **Gra_C_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.536185087876, **median** = 3.27455345848876, **standard deviation** = 2.81383830873786, **min value** = -3, **max value** = 19.4933231842751, which accounts for **range** = 22.4933231842751. It has a **skewness** of 0.41326028730094, a **kurtosis** of 3.34868401132572, and a **standard error** of 0.0246090527781663.

The **Gra_M_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.87271964115608, **median** = 3.54145075417861, **standard deviation** = 3.08785993222133, **min value** = -3, **max value** = 20.0613847124869, which accounts for **range** = 23.0613847124869. It has a **skewness** of 0.57137190372818, a **kurtosis** of 3.09783460290228, and a **standard error** of 0.0270055702232957.

The **Gra_Ye_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.80998008203729, **median** = 2.63452062337266, **standard deviation** = 2.40133958928505, **min value** = -3, **max value** = 19.8892500865326, which accounts for **range** = 22.8892500865326. It has a **skewness** of 0.274320311963679, a **kurtosis** of 4.23028070384652, and a **standard error** of 0.021001452893547.

The **Gra_K_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.51537466132672, **median** = 5.48880855357363, **standard deviation** = 3.67112854020312, **min value** = -3, **max value** = 20.6318333463119, which accounts for **range** = 23.6318333463119. It has a **skewness** of 0.0498633477265888, a **kurtosis** of 1.67733953046735, and a **standard error** of 0.0321066763931487.

The **Gra_R_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.87189594097195, **median** = 2.6613140060729, **standard deviation** = 2.45736166613549, **min value** = -3, **max value** = 20.3936147320347, which accounts for **range** = 23.3936147320347. It has a **skewness** of 0.626418089376509, a **kurtosis** of 5.81509927229154, and a **standard error** of 0.0214914065066149.

The **Gra_G_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.38599822660175, **median** = 2.9776584226291, **standard deviation** = 2.85915566705002, **min value** = -3, **max value** = 19.4819548903071, which accounts for **range** = 22.4819548903071. It has a **skewness** of 0.575341596656, a **kurtosis** of 3.11383459835375, and a **standard error** of 0.0250053858791153.

The **Gra_B_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.48730872595653, **median** = 3.53393918849226, **standard deviation** = 2.46846757455992, **min value** = -3, **max value** = 20.0573827623619, which accounts for **range** = 23.0573827623619. It has a **skewness** of -0.148291302759663, a **kurtosis** of 4.94103801407264, and a **standard error** of 0.0215885357146854.

The **Gra_X_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.25502019706312, **median** = 2.99302187701691, **standard deviation** = 2.67794578272588, **min value** =

-3, **max value** = 20.0911946857985, which accounts for **range** = 23.0911946857985. It has a **skewness** of 0.446967628955722, a **kurtosis** of 3.76576060241941, and a **standard error** of 0.0234205742737682.

The **Gra_Y_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.45835001318573, **median** = 3.16751248013826, **standard deviation** = 2.81797990567395, **min value** = -3, **max value** = 20.6667926350205, which accounts for **range** = 23.6667926350205. It has a **skewness** of 0.47227791132048, a **kurtosis** of 3.32805645707905, and a **standard error** of 0.0246452740412253.

The **Gra_Z_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.45056036744169, **median** = 3.44781277810848, **standard deviation** = 2.49776548801601, **min value** = -3, **max value** = 20.0865493340169, which accounts for **range** = 23.0865493340169. It has a **skewness** of -0.103813433219866, a **kurtosis** of 4.34140117667715, and a **standard error** of 0.0218447671748558.

The **Gra_H_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.34781979272955, **median** = 3.2253357093116, **standard deviation** = 2.71137194947584, **min value** = -3, **max value** = 20.691618571627, which accounts for **range** = 23.691618571627. It has a **skewness** of 0.736581861103882, a **kurtosis** of 6.04290354825906, and a **standard error** of 0.0237129102971875.

The **Gra_S_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.49686217040577, **median** = 3.04816496837676, **standard deviation** = 2.98413045819162, **min value** = -3, **max value** = 19.4355004378957, which accounts for **range** = 22.4355004378957. It has a **skewness** of 0.649980014927307, a **kurtosis** of 2.95773361851249, and a **standard error** of 0.0260983808893806.

The **Gra_V_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.20490083919908, **median** = 3.16766424526317, **standard deviation** = 2.50135410028273, **min value** = -3, **max value** = 20.173003553346, which accounts for **range** = 23.173003553346. It has a **skewness** of 0.25327996421271, a **kurtosis** of 4.95726080409501, and a **standard error** of 0.0218761521867087.

The **Gra_u_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.01120952273488, **median** = 3.64160767177939, **standard deviation** = 3.14754469561294, **min value** = -3, **max value** = 20.2884300782824, which accounts for **range** = 23.2884300782824. It has a **skewness** of 0.331544381298996, a **kurtosis** of 1.95275260338325, and a **standard error** of 0.0275275566813645.

The **Gra_v_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.45065330248451, **median** = 2.99010406447249, **standard deviation** = 2.97085715027484, **min value** = -3, **max value** = 20.0575946345034, which accounts for **range** = 23.0575946345034. It has a **skewness** of 0.730980264691652, a **kurtosis** of 3.33441624593912, and a **standard error** of 0.0259822962038994.

The **Gra_l_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.45851702983459, **median** = 3.16396979571493, **standard deviation** = 2.81713471151881, **min value** = -3, **max value** = 20.2511056449444, which accounts for **range** = 23.2511056449444. It has a **skewness** of 0.468709212851772, a **kurtosis** of 3.31265885249376, and a **standard error** of 0.0246378822065534.

The **Gra_L_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.49093907538038, **median** = 2.46390454421128, **standard deviation** = 0.695016598009588, **min value** = 1.25021889440117, **max value** = 18.9459972042627, which accounts for **range** = 17.6957783098615. It has a **skewness** of 9.02584359662609, a **kurtosis** of 154.727749279171, and a **standard error** of 0.00607842323029264.

The **Gra_a_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.58598858036837, **median** = 2.54421138411892, **standard deviation** = 0.776984609433869, **min value** = 1.31065692201443, **max value** = 18.2585764530213, which accounts for **range** = 16.9479195310069. It has a **skewness** of 8.91805322357798, a **kurtosis** of 129.413548437751, and a **standard error** of 0.00679529282190974.

The **Gra_b_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.51240369194102, **median** = 2.4846417127129, **standard deviation** = 0.605995120257646, **min value** = 1.26718403146245, **max value** = 18.1874538930884, which accounts for **range** = 16.920269861626.

It has a **skewness** of 9.11991665674798, a **kurtosis** of 166.020570240519, and a **standard error** of 0.00529986597006024.

The **Gra_C_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.79688481243019, **median** = 2.80150143469143, **standard deviation** = 0.645812933491663, **min value** = 1.20652954600606, **max value** = 18.6259352357725, which accounts for **range** = 17.4194056897664. It has a **skewness** of 5.31156158106675, a **kurtosis** of 101.80654780052, and a **standard error** of 0.00564810156851104.

The **Gra_M_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.55837841111443, **median** = 2.52418641602963, **standard deviation** = 0.791919535852516, **min value** = 1.15330749632116, **max value** = 18.8377166652658, which accounts for **range** = 17.6844091689446. It has a **skewness** of 5.31773350462112, a **kurtosis** of 73.3864365075341, and a **standard error** of 0.00692590956393547.

The **Gra_Ye_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.98117761019735, **median** = 1.7071514867404, **standard deviation** = 1.22970068930114, **min value** = 1.08758525133777, **max value** = 18.2812951512027, which accounts for **range** = 17.1937098998649. It has a **skewness** of 6.10282052195319, a **kurtosis** of 48.5618120129277, and a **standard error** of 0.0107546226342811.

The **Gra_K_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.58083186265257, **median** = 3.54549469168663, **standard deviation** = 0.564390226473728, **min value** = 1.57078656055273, **max value** = 6.24525080379351, which accounts for **range** = 4.67446424324078. It has a **skewness** of 0.25347237062328, a **kurtosis** of -0.132160573856232, and a **standard error** of 0.00493600105864048.

The **Gra_R_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.55542393489331, **median** = 2.51497046177666, **standard deviation** = 0.593888609403004, **min value** = 1.34535834556895, **max value** = 17.690231735779, which accounts for **range** = 16.3448733902101. It has a **skewness** of 10.0159152390325, a **kurtosis** of 201.377444742313, and a **standard error** of 0.0051939857694616.

The **Gra_G_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.41369485755197, **median** = 2.38142592893325, **standard deviation** = 0.710399123434012, **min value** = 1.23662968895703, **max value** = 19.0071005545801, which accounts for **range** = 17.7704708656231. It has a **skewness** of 9.27031708291418, a **kurtosis** of 153.728187496947, and a **standard error** of 0.00621295454961388.

The **Gra_B_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.69013056833141, **median** = 2.68834512064942, **standard deviation** = 0.649765258491717, **min value** = 1.30923666696808, **max value** = 19.5524233042575, which accounts for **range** = 18.2431866372894. It has a **skewness** of 10.7825807906814, a **kurtosis** of 203.08326982914, and a **standard error** of 0.00568266751148678.

The **Gra_X_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.36522069549574, **median** = 2.28861397405797, **standard deviation** = 0.882203377205029, **min value** = 1.20551009284682, **max value** = 18.4309635854941, which accounts for **range** = 17.2254534926473. It has a **skewness** of 7.63559684706463, a **kurtosis** of 99.6435164205346, and a **standard error** of 0.00771550710760392.

The **Gra_Y_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.29291069385002, **median** = 2.1751701854806, **standard deviation** = 0.990082179942864, **min value** = 1.15858009956304, **max value** = 18.866007070395, which accounts for **range** = 17.707426970832. It has a **skewness** of 6.94795376878678, a **kurtosis** of 76.8151899631481, and a **standard error** of 0.00865898532452093.

The **Gra_Z_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.64784607247269, **median** = 2.62860290685509, **standard deviation** = 0.826032736006616, **min value**

= 1.28622494827579, **max value** = 19.8181022562263, which accounts for **range** = 18.5318773079505. It has a **skewness** of 8.12137480062175, a **kurtosis** of 112.123876513146, and a **standard error** of 0.0072242541917762.

The **Gra_H_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.7499571494278, **median** = 2.86762841697295, **standard deviation** = 2.74997827632584, **min value** = 1.33911279367954, **max value** = 20.2764441243626, which accounts for **range** = 18.9373313306831. It has a **skewness** of 3.00830944384939, a **kurtosis** of 9.97353607023687, and a **standard error** of 0.024050550570288.

The **Gra_S_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.5352920741982, **median** = 2.53616005321793, **standard deviation** = 0.489547645784025, **min value** = 1.29955301268727, **max value** = 18.6587037121013, which accounts for **range** = 17.359150699414. It has a **skewness** of 7.88944353674398, a **kurtosis** of 208.071403981857, and a **standard error** of 0.00428144851646786.

The **Gra_V_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.51704198652955, **median** = 2.49046615532707, **standard deviation** = 0.750084857305833, **min value** = 1.26053233993534, **max value** = 19.3229893783151, which accounts for **range** = 18.0624570383798. It has a **skewness** of 9.38643230723121, a **kurtosis** of 145.774772678839, and a **standard error** of 0.00656003501843796.

The **Gra_u_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.37430230043033, **median** = 2.37087342727806, **standard deviation** = 0.243367957560378, **min value** = 1.4910942185286, **max value** = 5.84729296667152, which accounts for **range** = 4.35619874814292. It has a **skewness** of 0.4875136877622, a **kurtosis** of 4.99471429105895, and a **standard error** of 0.00212842894828746.

The **Gra_v_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.63361421208661, **median** = 2.61500911356244, **standard deviation** = 0.416753782743519, **min value** = 1.5053152184894, **max value** = 15.6526576953797, which accounts for **range** = 14.1473424768903. It has a **skewness** of 6.13382130219928, a **kurtosis** of 158.328111608596, and a **standard error** of 0.00364481349308091.

The **Gra_l_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.29665481007006, **median** = 2.1765741111858, **standard deviation** = 0.99554666443984, **min value** = 1.15650602372816, **max value** = 18.8472759688365, which accounts for **range** = 17.6907699451083. It has a **skewness** of 6.91276445115423, a **kurtosis** of 75.5786348755433, and a **standard error** of 0.00870677619685853.

The **Pgra_L_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.30331606176743, **median** = 2.2453321366781, **standard deviation** = 0.499265268160761, **min value** = 1.14020281183592, **max value** = 7.83137982647085, which accounts for **range** = 6.69117701463493. It has a **skewness** of 1.36590452055701, a **kurtosis** of 4.51332687333698, and a **standard error** of 0.00436643615815458.

The **Pgra_a_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.10977673780612, **median** = 3.0134717207503, **standard deviation** = 0.646000876849221, **min value** = 1.65093188997139, **max value** = 8.65369783794233, which accounts for **range** = 7.00276594797094. It has a **skewness** of 0.730504288411202, a **kurtosis** of 0.659354906453087, and a **standard error** of 0.00564974526921378.

The **Pgra_b_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.09353362047124, **median** = 3.01325409448247, **standard deviation** = 0.595323602214475, **min value** = 1.41882379426359, **max value** = 7.9486208335938, which accounts for **range** = 6.52979703933021. It has a **skewness** of 0.74715015866167, a **kurtosis** of 1.02091181685436, and a **standard error** of 0.00520653582030287.

The **Pgra_C_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** =

4.40294985306476, **median** = 4.37787441709892, **standard deviation** = 0.813498045902489, **min value** = 1.16844661502854, **max value** = 10.3239437441764, which accounts for **range** = 9.15549712914786. It has a **skewness** of 0.125800954929152, a **kurtosis** of 0.85343138262739, and a **standard error** of 0.00711462925370761.

The **Pgra_M_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.46583875471527, **median** = 3.36674889719511, **standard deviation** = 0.722153910747228, **min value** = 1.29922109642098, **max value** = 9.52473045704044, which accounts for **range** = 8.22550936061946. It has a **skewness** of 0.880348004144312, a **kurtosis** of 1.66669541938444, and a **standard error** of 0.00631575867325124.

The **Pgra_Ye_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.51808418406715, **median** = 1.47884572802654, **standard deviation** = 0.268805418897404, **min value** = 1.03789518254215, **max value** = 4.49593910963787, which accounts for **range** = 3.45804392709572. It has a **skewness** of 1.53073593333842, a **kurtosis** of 5.99994399645052, and a **standard error** of 0.00235089796032754.

The **Pgra_K_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 5.30911607568784, **median** = 5.30245316285107, **standard deviation** = 0.856594062819421, **min value** = 2.11958764079083, **max value** = 9.15162833402968, which accounts for **range** = 7.03204069323885. It has a **skewness** of 0.00759815881880206, a **kurtosis** of 0.319496380515615, and a **standard error** of 0.0074915351162599.

The **Pgra_R_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.10747818751041, **median** = 2.08235074649134, **standard deviation** = 0.400156187607733, **min value** = 1.13568998010512, **max value** = 6.23321433568586, which accounts for **range** = 5.09752435558074. It has a **skewness** of 0.896622008630865, a **kurtosis** of 3.15631410397603, and a **standard error** of 0.00349965550961796.

The **Pgra_G_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.34712711979962, **median** = 2.27661371504864, **standard deviation** = 0.515769988115944, **min value** = 1.14864011841287, **max value** = 8.1112571768099, which accounts for **range** = 6.96261705839703. It has a **skewness** of 1.39411703647515, a **kurtosis** of 4.40148083320457, and a **standard error** of 0.00451078188093641.

The **Pgra_B_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.89713211134209, **median** = 1.86754432892186, **standard deviation** = 0.235085890511201, **min value** = 1.32364748635262, **max value** = 4.40261388934552, which accounts for **range** = 3.0789664029929. It has a **skewness** of 1.0310047622836, a **kurtosis** of 2.64459913147087, and a **standard error** of 0.00205599627705237.

The **Pgra_X_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.38259545890092, **median** = 1.33309365448017, **standard deviation** = 0.220768622764182, **min value** = 1.06062030059224, **max value** = 3.43671143911618, which accounts for **range** = 2.37609113852394. It has a **skewness** of 1.15246458436823, a **kurtosis** of 2.5371084076171, and a **standard error** of 0.00193078140719598.

The **Pgra_Y_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.38516030507639, **median** = 1.34176175852736, **standard deviation** = 0.224795138947135, **min value** = 1.0441393007361, **max value** = 3.81562286981802, which accounts for **range** = 2.77148356908192. It has a **skewness** of 1.24433014813792, a **kurtosis** of 4.03436345338127, and a **standard error** of 0.00196599620576871.

The **Pgra_Z_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.44491494113189, **median** = 1.4098569446152, **standard deviation** = 0.177443067358428, **min value** = 1.14640183950644, **max value** = 3.40787817084178, which accounts for **range** = 2.26147633133534. It has a **skewness** of 1.75007095207842, a **kurtosis** of 7.01087877577013, and a **standard error** of 0.00155186806440984.

The **Pgra_H_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.86693300044596, **median** = 1.80954327743288, **standard deviation** = 0.280739111687284, **min value** = 1.29313457620664, **max value** = 5.23853246573576, which accounts for **range** = 3.94539788952912. It has a **skewness** of 1.81795239293746, a **kurtosis** of 7.61700141344009, and a **standard error** of 0.00245526674185724.

The **Pgra_S_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 4.25770577633486, **median** = 4.22072844493651, **standard deviation** = 0.62044548699571, **min value** = 1.75954336967319, **max value** = 10.8946351046692, which accounts for **range** = 9.13509173499601. It has a **skewness** of 0.466555256169273, a **kurtosis** of 1.80917329647875, and a **standard error** of 0.00542624488693568.

The **Pgra_V_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.50128950082655, **median** = 1.43756592010538, **standard deviation** = 0.204816072861257, **min value** = 1.17693089157551, **max value** = 2.86843981642028, which accounts for **range** = 1.69150892484477. It has a **skewness** of 1.34166281283344, a **kurtosis** of 1.94475271675573, and a **standard error** of 0.00179126481120383.

The **Pgra_u_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 2.82567228085035, **median** = 2.80638433181281, **standard deviation** = 0.301415268761627, **min value** = 1.70793377937619, **max value** = 6.21751248812479, which accounts for **range** = 4.5095787087486. It has a **skewness** of 0.469870832050961, a **kurtosis** of 1.70103155363789, and a **standard error** of 0.00263609470169848.

The **Pgra_v_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 3.89849038984071, **median** = 3.88237951763297, **standard deviation** = 0.5520548120945, **min value** = 1.78085812249746, **max value** = 11.0219246441764, which accounts for **range** = 9.24106652167894. It has a **skewness** of 0.44584206140926, a **kurtosis** of 2.53490462585693, and a **standard error** of 0.00482811893102984.

The **Pgra_l_kurto_nuc** variable is a numeric variable with the following descriptive statistics: **mean** = 1.38494592756399, **median** = 1.34176648977316, **standard deviation** = 0.224797657175224, **min value** = 1.04343668009577, **max value** = 3.79206106072341, which accounts for **range** = 2.74862438062764. It has a **skewness** of 1.24208019217841, a **kurtosis** of 4.03294309317678, and a **standard error** of 0.00196601822949615.

The **Pgra_L_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.73917154847952, **median** = 2.65107181677278, **standard deviation** = 2.08602980797411, **min value** = -3, **max value** = 16.0376661334626, which accounts for **range** = 19.0376661334626. It has a **skewness** of -0.698093322687096, a **kurtosis** of 3.23254943739117, and a **standard error** of 0.0182438406222031.

The **Pgra_a_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.21189170521367, **median** = 4.07806405581962, **standard deviation** = 2.86247224726183, **min value** = -3, **max value** = 17.5042265579695, which accounts for **range** = 20.5042265579695. It has a **skewness** of -0.142993634164484, a **kurtosis** of 2.713220253898, and a **standard error** of 0.0250343917737404.

The **Pgra_b_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.9372075018064, **median** = 2.86671552896596, **standard deviation** = 2.15863893267524, **min value** = -3, **max value** = 16.3836693481282, which accounts for **range** = 19.3836693481282. It has a **skewness** of -0.66696122086384, a **kurtosis** of 3.3980141324292, and a **standard error** of 0.0188788599750912.

The **Pgra_C_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.94365269303043, **median** = 3.7417026188126, **standard deviation** = 2.80032896899125, **min value** = -3, **max value** = 18.957958323172, which accounts for **range** = 21.957958323172. It has a **skewness** of -0.121286788611785, a **kurtosis** of 2.46572329125818, and a **standard error** of 0.024490903823484.

The **Pgra_M_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.52891587542819, **median** = 4.18691260844659, **standard deviation** = 3.24480813208074, **min value** =

-3, **max value** = 19.6254327746694, which accounts for **range** = 22.6254327746694. It has a **skewness** of 0.0993334330780611, a **kurtosis** of 1.74272245957887, and a **standard error** of 0.0283781958364252.

The **Pgra_Ye_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.8794669195571, **median** = 3.99389909044999, **standard deviation** = 2.5106201835405, **min value** = -3, **max value** = 19.4050353759817, which accounts for **range** = 22.4050353759817. It has a **skewness** of -0.839613419105282, a **kurtosis** of 2.95717625741005, and a **standard error** of 0.021957190791958.

The **Pgra_K_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 6.86231141695075, **median** = 7.36068604635138, **standard deviation** = 4.07134900681341, **min value** = -3, **max value** = 20.5549857673056, which accounts for **range** = 23.5549857673056. It has a **skewness** of -0.607529397739487, a **kurtosis** of 0.582557377046975, and a **standard error** of 0.0356068940691717.

The **Pgra_R_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.51988576402401, **median** = 2.40458030254992, **standard deviation** = 1.99240450914528, **min value** = -3, **max value** = 13.661285298525, which accounts for **range** = 16.661285298525. It has a **skewness** of -0.800872039423024, a **kurtosis** of 2.91018274860996, and a **standard error** of 0.0174250196142242.

The **Pgra_G_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.90544239660217, **median** = 2.8413224957103, **standard deviation** = 2.14646015811175, **min value** = -3, **max value** = 16.1588407072186, which accounts for **range** = 19.1588407072186. It has a **skewness** of -0.672019327468699, a **kurtosis** of 3.39156402689328, and a **standard error** of 0.0187723477760514.

The **Pgra_B_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.01013293147167, **median** = 2.14395472894928, **standard deviation** = 1.56519272971183, **min value** = -3, **max value** = 11.2950093496876, which accounts for **range** = 14.2950093496876. It has a **skewness** of -1.94834446816046, a **kurtosis** of 5.52570741650369, and a **standard error** of 0.0136887433701753.

The **Pgra_X_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.35608103187196, **median** = 3.21154219277082, **standard deviation** = 2.41327624146452, **min value** = -3, **max value** = 13.0150975282745, which accounts for **range** = 16.0150975282745. It has a **skewness** of -0.734269568752132, a **kurtosis** of 1.52707337738289, and a **standard error** of 0.0211058475570808.

The **Pgra_Y_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.4744040985163, **median** = 3.32330086760994, **standard deviation** = 2.50255163605047, **min value** = -3, **max value** = 15.1402228409541, which accounts for **range** = 18.1402228409541. It has a **skewness** of -0.64975982854728, a **kurtosis** of 1.34554924885806, and a **standard error** of 0.0218866255038217.

The **Pgra_Z_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.05640344948987, **median** = 2.17715030371024, **standard deviation** = 1.6069383394979, **min value** = -3, **max value** = 11.4253980433121, which accounts for **range** = 14.4253980433121. It has a **skewness** of -1.82330810734448, a **kurtosis** of 4.9440016496946, and a **standard error** of 0.0140538389448897.

The **Pgra_H_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 5.1095944215446, **median** = 5.47494375601321, **standard deviation** = 2.88998587373043, **min value** = -3, **max value** = 20.1683386504692, which accounts for **range** = 23.1683386504692. It has a **skewness** of -0.886855129011801, a **kurtosis** of 3.57382897378432, and a **standard error** of 0.0252750183526672.

The **Pgra_S_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.68589565777515, **median** = 4.50392028728007, **standard deviation** = 3.2239966445628, **min value** = -3, **max value** = 18.8796265130327, which accounts for **range** = 21.8796265130327. It has a **skewness** of 0.0542634102148443, a **kurtosis** of 2.18535077138447, and a **standard error** of 0.0281961843138971.

The **Pgra_V_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 2.60678925497319, **median** = 2.66989183256619, **standard deviation** = 1.84880478426588, **min value** = -3, **max value** = 9.84820937748314, which accounts for **range** = 12.8482093774831. It has a **skewness** of -1.57384847838009, a **kurtosis** of 3.83517958800102, and a **standard error** of 0.0161691360769529.

The **Pgra_u_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.16506293162737, **median** = 3.15742964131602, **standard deviation** = 2.26270823483586, **min value** =

-3, **max value** = 15.7398859393755, which accounts for **range** = 18.7398859393755. It has a **skewness** of -0.578692197352954, a **kurtosis** of 3.56706935125899, and a **standard error** of 0.0197890213519923.

The **Pgra_v_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 4.56964025655019, **median** = 4.50272236747615, **standard deviation** = 3.13701954972236, **min value** = -3, **max value** = 18.3913695538418, which accounts for **range** = 21.3913695538418. It has a **skewness** of -0.0563416587350372, a **kurtosis** of 2.07913815150929, and a **standard error** of 0.0274355066620315.

The **Pgra_l_kurto_cyt** variable is a numeric variable with the following descriptive statistics: **mean** = 3.47321788718779, **median** = 3.32273836365271, **standard deviation** = 2.50168377736064, **min value** = -3, **max value** = 15.1510131506607, which accounts for **range** = 18.1510131506607. It has a **skewness** of -0.650586929390467, a **kurtosis** of 1.34760655168046, and a **standard error** of 0.0218790354513884.

The **Pgra_L_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.77367398727831, **median** = 2.74076586422974, **standard deviation** = 0.42260512621504, **min value** = 1.6139006745435, **max value** = 5.02025490244909, which accounts for **range** = 3.40635422790559. It has a **skewness** of 0.710916329624893, a **kurtosis** of 1.43946376345497, and a **standard error** of 0.00369598772717485.

The **Pgra_a_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.34581868505118, **median** = 3.30316933423805, **standard deviation** = 0.670718858236852, **min value** = 1.70163205159358, **max value** = 6.39585002271164, which accounts for **range** = 4.69421797111806. It has a **skewness** of 0.401783600498783, a **kurtosis** of 0.37742980356742, and a **standard error** of 0.00586592190830814.

The **Pgra_b_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.30418222087409, **median** = 3.32223056154133, **standard deviation** = 0.568130543562093, **min value** = 1.65910111034294, **max value** = 5.45625748555582, which accounts for **range** = 3.79715637521288. It has a **skewness** of -0.0193358477490093, a **kurtosis** of 0.0751366066170984, and a **standard error** of 0.00496871283896874.

The **Pgra_C_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.52493944918482, **median** = 4.60425550564221, **standard deviation** = 0.965080332261934, **min value** = 1.42907602237364, **max value** = 7.63914422216622, which accounts for **range** = 6.21006819979258. It has a **skewness** of -0.412694510625715, a **kurtosis** of 0.355515154916975, and a **standard error** of 0.00844032606921792.

The **Pgra_M_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.16228265228967, **median** = 4.08128757502769, **standard deviation** = 0.857045864011838, **min value** = 1.74139324641532, **max value** = 7.86799538847039, which accounts for **range** = 6.12660214205507. It has a **skewness** of 0.525537838523727, a **kurtosis** of 0.544835302924644, and a **standard error** of 0.00749548644471929.

The **Pgra_Ye_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.98235126876641, **median** = 1.93529206690711, **standard deviation** = 0.336383319635018, **min value** = 1.1895564209554, **max value** = 4.44805383554568, which accounts for **range** = 3.25849741459028. It has a **skewness** of 0.738300589665686, a **kurtosis** of 0.830104948680187, and a **standard error** of 0.00294191561785441.

The **Pgra_K_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 5.79188868878719, **median** = 5.7841261613008, **standard deviation** = 0.804122239146037, **min value** = 2.57090754337572, **max value** = 9.30213476244923, which accounts for **range** = 6.73122721907351. It has a **skewness** of 0.027921897784692, a **kurtosis** of 0.154948480316333, and a **standard error** of 0.00703263103704003.

The **Pgra_R_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.56352433331861, **median** = 2.55718618931116, **standard deviation** = 0.338176582641596, **min value** = 1.59021529019827, **max value** = 3.84460938401157, which accounts for **range** = 2.2543940938133.

It has a **skewness** of 0.24172522648205, a **kurtosis** of -0.275246960015839, and a **standard error** of 0.00295759900088213.

The **Pgra_G_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.76983075474858, **median** = 2.73178320769208, **standard deviation** = 0.447296569252654, **min value** = 1.66047419289925, **max value** = 5.18896957503414, which accounts for **range** = 3.52849538213489. It has a **skewness** of 0.751608438639335, a **kurtosis** of 1.46221925237577, and a **standard error** of 0.00391193226918881.

The **Pgra_B_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.13506513558109, **median** = 2.10551583352685, **standard deviation** = 0.2062211275738, **min value** = 1.61394999299333, **max value** = 3.59477122495655, which accounts for **range** = 1.98082123196322. It has a **skewness** of 0.806110933160124, a **kurtosis** of 0.88145162115581, and a **standard error** of 0.00180355303169959.

The **Pgra_X_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.86831243290347, **median** = 1.84959636280878, **standard deviation** = 0.197770241622242, **min value** = 1.19996323436344, **max value** = 4.51976749046803, which accounts for **range** = 3.31980425610459. It has a **skewness** of 1.78522861854802, a **kurtosis** of 12.8410266051575, and a **standard error** of 0.00172964391696533.

The **Pgra_Y_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.85743645971358, **median** = 1.82893473002111, **standard deviation** = 0.212455241201794, **min value** = 1.18393878472091, **max value** = 4.34553773020427, which accounts for **range** = 3.16159894548336. It has a **skewness** of 1.44404332517699, a **kurtosis** of 6.27653936160671, and a **standard error** of 0.00185807486787617.

The **Pgra_Z_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.88541057661349, **median** = 1.83403227279145, **standard deviation** = 0.247032169017793, **min value** = 1.3475652672108, **max value** = 5.05064540540094, which accounts for **range** = 3.70308013819014. It has a **skewness** of 3.16055777606527, a **kurtosis** of 22.4032104362472, and a **standard error** of 0.00216047512978476.

The **Pgra_H_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.39899782544569, **median** = 2.20238333943326, **standard deviation** = 0.626458128034655, **min value** = 1.41188833474594, **max value** = 9.4322515017471, which accounts for **range** = 8.02036316700116. It has a **skewness** of 2.72803958353888, a **kurtosis** of 11.1150724993279, and a **standard error** of 0.00547882978501034.

The **Pgra_S_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 4.13307107878591, **median** = 4.22832283578504, **standard deviation** = 0.992003975740943, **min value** = 1.50582936548538, **max value** = 7.31300920298718, which accounts for **range** = 5.8071798375018. It has a **skewness** of -0.201596059347097, a **kurtosis** of -0.493075161459063, and a **standard error** of 0.00867579281984748.

The **Pgra_V_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.96989581075321, **median** = 1.93933919321768, **standard deviation** = 0.204507840512976, **min value** = 1.43771681776884, **max value** = 5.09292310734522, which accounts for **range** = 3.65520628957638. It has a **skewness** of 3.32388402996947, a **kurtosis** of 28.6403108888885, and a **standard error** of 0.00178856909620727.

The **Pgra_u_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 2.84286728392741, **median** = 2.84840777888276, **standard deviation** = 0.320533703101708, **min value** = 1.51437157583588, **max value** = 4.48023102070283, which accounts for **range** = 2.96585944486695. It has a **skewness** of -0.0501729253984476, a **kurtosis** of 0.361690109048316, and a **standard error** of 0.00280329924868682.

The **Pgra_v_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 3.8041376932241, **median** = 3.77160986377497, **standard deviation** = 0.876642143220407, **min value**

= 1.46534037922311, **max value** = 6.69345981042998, which accounts for **range** = 5.22811943120687. It has a **skewness** of 0.10882672573882, a **kurtosis** of -0.626757265144164, and a **standard error** of 0.00766687009096571.

The **Pgra_1_kurto_cel** variable is a numeric variable with the following descriptive statistics: **mean** = 1.85708586754092, **median** = 1.82817023723617, **standard deviation** = 0.212421732315208, **min value** = 1.18478143582562, **max value** = 4.33499858536631, which accounts for **range** = 3.15021714954069. It has a **skewness** of 1.45464017867936, a **kurtosis** of 6.35253108253267, and a **standard error** of 0.00185778180840791.

The **LBP_L_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0323498983115424, **median** = 0.0324078369885683, **standard deviation** = 0.00927268214741512, **min value** = 0.000746766978409141, **max value** = 0.072725847363472, which accounts for **range** = 0.0719790803850629. It has a **skewness** of -0.162694276697566, a **kurtosis** of 0.721030779158269, and a **standard error** of 8.10963173158497e-05.

The **LBP_L_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0618010114699296, **median** = 0.062129033729434, **standard deviation** = 0.0160977242755373, **min value** = 0.00142775219865143, **max value** = 0.128243833780289, which accounts for **range** = 0.126816081581638. It has a **skewness** of -0.400830027686115, a **kurtosis** of 1.13318687034957, and a **standard error** of 0.000140786250963638.

The **LBP_L_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0647277916457558, **median** = 0.0656971074640751, **standard deviation** = 0.0182628280929785, **min value** = 0.00197150581516325, **max value** = 0.132620587944984, which accounts for **range** = 0.130649082129821. It has a **skewness** of -0.38813947556951, a **kurtosis** of 0.482550222584072, and a **standard error** of 0.000159721651035548.

The **LBP_L_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.199970194293736, **median** = 0.202718116343022, **standard deviation** = 0.0510087628022057, **min value** = 0.00798754207789898, **max value** = 0.353541076183319, which accounts for **range** = 0.34555353410542. It has a **skewness** of -0.576133808181156, a **kurtosis** of 0.870592631494543, and a **standard error** of 0.000446108552879678.

The **LBP_L_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.317589578789063, **median** = 0.321619942784309, **standard deviation** = 0.0918471343928537, **min value** = 0.0126989968121052, **max value** = 0.597545862197876, which accounts for **range** = 0.584846865385771. It has a **skewness** of -0.370173995164129, a **kurtosis** of 0.16440406349084, and a **standard error** of 0.00080326967288.

The **LBP_L_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.251831483423991, **median** = 0.25515940785408, **standard deviation** = 0.054429747105855, **min value** = 0.011628745123744, **max value** = 0.416479229927063, which accounts for **range** = 0.404850484803319. It has a **skewness** of -1.05337761872928, a **kurtosis** of 2.63817301256126, and a **standard error** of 0.000476027536859801.

The **LBP_L_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.101363278620801, **median** = 0.103005006909371, **standard deviation** = 0.0243422058138704, **min value** = 0.00330629455856979, **max value** = 0.176291674375534, which accounts for **range** = 0.172985379816964. It has a **skewness** of -0.766555160076856, a **kurtosis** of 1.46788863516336, and a **standard error** of 0.000212890209700508.

The **LBP_L_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0915816386259282, **median** = 0.0923092663288116, **standard deviation** = 0.02033783131141, **min value** = 0.00318107614293694, **max value** = 0.161429688334465, which accounts for **range** = 0.158248612191528. It has a **skewness** of -0.855854972602163, a **kurtosis** of 2.46459769335343, and a **standard error** of 0.000177869056150716.

The **LBP_L_9** variable is a numeric variable with the following descriptive statistics: **mean** =

0.859205544906708, **median** = 0.865955114364624, **standard deviation** = 0.06512693663644, **min value** = 0.589068830013275, **max value** = 0.999802350997925, which accounts for **range** = 0.41073352098465. It has a **skewness** of -0.467051110857574, a **kurtosis** of 0.289172504242236, and a **standard error** of 0.000569582202356659.

The **LBP_L_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0961600284902815, **median** = 0.0966877751052379, **standard deviation** = 0.0246237873646399, **min value** = 0.00273243454284966, **max value** = 0.203068986535072, which accounts for **range** = 0.200336551992222. It has a **skewness** of -0.408885668244961, a **kurtosis** of 1.26596763195046, and a **standard error** of 0.000215352844181929.

The **LBP_a_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0199647791062614, **median** = 0.0200191549956798, **standard deviation** = 0.00608191682534468, **min value** = 0.000829822267405689, **max value** = 0.0465459153056145, which accounts for **range** = 0.0457160930382088. It has a **skewness** of -0.0809481387930822, a **kurtosis** of 0.332435274184637, and a **standard error** of 5.31907649713033e-05.

The **LBP_a_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.061292008776435, **median** = 0.0619632918387651, **standard deviation** = 0.0176369091947626, **min value** = 0.00212420057505369, **max value** = 0.119305029511452, which accounts for **range** = 0.117180828936398. It has a **skewness** of -0.28514776759448, a **kurtosis** of 0.362186169327248, and a **standard error** of 0.00015424753720562.

The **LBP_a_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.042168688686868, **median** = 0.042300634086132, **standard deviation** = 0.013608088681008, **min value** = 0.0016126234550029, **max value** = 0.103207662701607, which accounts for **range** = 0.101595039246604. It has a **skewness** of -0.0298329750285761, a **kurtosis** of 0.13821244393848, and a **standard error** of 0.000119012585592064.

The **LBP_a_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.14472977856633, **median** = 0.146206274628639, **standard deviation** = 0.0417946119031591, **min value** = 0.00660108076408505, **max value** = 0.288641065359116, which accounts for **range** = 0.282039984595031. It has a **skewness** of -0.282069199839004, a **kurtosis** of 0.215918336941165, and a **standard error** of 0.00036552413369806.

The **LBP_a_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.244820257604233, **median** = 0.246053159236908, **standard deviation** = 0.076802570902336, **min value** = 0.0110408179461956, **max value** = 0.527158498764038, which accounts for **range** = 0.516117680817842. It has a **skewness** of -0.101892267060063, a **kurtosis** of 0.0806337211261821, and a **standard error** of 0.000671694075301086.

The **LBP_a_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.254101204518608, **median** = 0.25796340405941, **standard deviation** = 0.0617258022431552, **min value** = 0.00932999793440104, **max value** = 0.439548254013062, which accounts for **range** = 0.430218256078661. It has a **skewness** of -0.671121672176395, a **kurtosis** of 1.18490101452668, and a **standard error** of 0.00053983682021083.

The **LBP_a_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.101760299215488, **median** = 0.102837946265936, **standard deviation** = 0.0293291806666662, **min value** = 0.00310256984084845, **max value** = 0.199470683932304, which accounts for **range** = 0.196368114091456. It has a **skewness** of -0.32889234785934, a **kurtosis** of 0.284311543483781, and a **standard error** of 0.000256504914559255.

The **LBP_a_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0827153668539908, **median** = 0.0839251838624478, **standard deviation** = 0.0207853048124859, **min value** = 0.00241902866400778, **max value** = 0.158604934811592, which accounts for **range** = 0.156185906147584. It has a **skewness** of -0.574084969567534, a **kurtosis** of 1.07389192320092, and a **standard error** of 0.000181782535816771.

The **LBP_a_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.898954885800497, **median** = 0.905277192592621, **standard deviation** = 0.0525075465578991, **min value** = 0.632625937461853, **max value** = 0.999857604503632, which accounts for **range** = 0.367231667041779. It has a **skewness** of -0.714505942826233, a **kurtosis** of 0.787666805892393, and a **standard error** of 0.000459216501702602.

The **LBP_a_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0820310291508918, **median** = 0.0830603018403054, **standard deviation** = 0.0230804762355894, **min value** = 0.00247364584356546, **max value** = 0.166627287864685, which accounts for **range** = 0.16415364202112. It has a **skewness** of -0.323268171084363, a **kurtosis** of 0.498735525814184, and a **standard error** of 0.000201855471248312.

The **LBP_b_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0194333553921681, **median** = 0.0195731539279222, **standard deviation** = 0.00578910721670279, **min value** = 0.00058808148605749, **max value** = 0.0435312390327454, which accounts for **range** = 0.0429431575466879. It has a **skewness** of -0.158704686051188, a **kurtosis** of 0.326958239274243, and a **standard error** of 5.06299329964715e-05.

The **LBP_b_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0529695285629122, **median** = 0.0536299906671047, **standard deviation** = 0.0147711531573659, **min value** = 0.00160198693629354, **max value** = 0.109657943248749, which accounts for **range** = 0.108055956312455. It has a **skewness** of -0.374341073720372, a **kurtosis** of 0.483063165546297, and a **standard error** of 0.000129184426310211.

The **LBP_b_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0482777072963642, **median** = 0.0486347582191229, **standard deviation** = 0.0147363092449256, **min value** = 0.00153264647815377, **max value** = 0.107941433787346, which accounts for **range** = 0.106408787309192. It has a **skewness** of -0.178391904736623, a **kurtosis** of 0.202835071070103, and a **standard error** of 0.000128879691074509.

The **LBP_b_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.165968603775621, **median** = 0.168317228555679, **standard deviation** = 0.046141428673066, **min value** = 0.0072099925018847, **max value** = 0.32038494445724, which accounts for **range** = 0.313174956943839. It has a **skewness** of -0.383085029810189, a **kurtosis** of 0.376143287085106, and a **standard error** of 0.000403540192750025.

The **LBP_b_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.295427975543792, **median** = 0.29900811612606, **standard deviation** = 0.0891008193737323, **min value** = 0.011142180301249, **max value** = 0.589572310447693, which accounts for **range** = 0.578430130146444. It has a **skewness** of -0.2744829667912, a **kurtosis** of 0.0614545033781404, and a **standard error** of 0.000779251160145576.

The **LBP_b_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.255420149055292, **median** = 0.257599011063576, **standard deviation** = 0.0610897583442601, **min value** = 0.0120938597247005, **max value** = 0.452630937099457, which accounts for **range** = 0.440537077374757. It has a **skewness** of -0.628137636369826, a **kurtosis** of 1.40374256210484, and a **standard error** of 0.000534274155921082.

The **LBP_b_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0946663684540847, **median** = 0.0956347286701203, **standard deviation** = 0.0269813142077559, **min value** = 0.00416264915838838, **max value** = 0.179677605628967, which accounts for **range** = 0.175514956470579. It has a **skewness** of -0.318828566618333, a **kurtosis** of 0.300435289416754, and a **standard error** of 0.000235971122896817.

The **LBP_b_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0785710541862507, **median** = 0.0800295658409595, **standard deviation** = 0.019099105538112, **min value** = 0.00322195119224489, **max value** = 0.142617434263229, which accounts for **range** = 0.139395483070984. It has a **skewness** of -0.676989499410161, a **kurtosis** of 1.21253609664555, and a

standard error of 0.000167035502624168.

The **LBP_b_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.880540271504348, **median** = 0.887927055358887, **standard deviation** = 0.0611447695191129, **min value** = 0.585477769374847, **max value** = 0.999820053577423, which accounts for **range** = 0.414342284202576. It has a **skewness** of -0.642780026813125, a **kurtosis** of 0.523792300293953, and a **standard error** of 0.000534755268464449.

The **LBP_b_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0671425628634716, **median** = 0.0680964291095734, **standard deviation** = 0.0181637845060558, **min value** = 0.0018901334842667, **max value** = 0.128398358821869, which accounts for **range** = 0.126508225337602. It has a **skewness** of -0.446998193829448, a **kurtosis** of 0.610470110149099, and a **standard error** of 0.000158855443176216.

The **LBP_C_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.02617655786804, **median** = 0.0260741794481874, **standard deviation** = 0.00819766529862677, **min value** = 0.000975685194134712, **max value** = 0.0786242336034775, which accounts for **range** = 0.0776485484093428. It has a **skewness** of 0.0713596148391801, a **kurtosis** of 0.538838253976008, and a **standard error** of 7.16945168331784e-05.

The **LBP_C_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0531491270226566, **median** = 0.0533071663230658, **standard deviation** = 0.0158251433050325, **min value** = 0.00196406641043723, **max value** = 0.120777368545532, which accounts for **range** = 0.118813302135095. It has a **skewness** of -0.103886275487798, a **kurtosis** of 0.371666099345822, and a **standard error** of 0.000138402333071609.

The **LBP_C_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0546779577891447, **median** = 0.0547523368149996, **standard deviation** = 0.0180231610175865, **min value** = 0.00227306690067053, **max value** = 0.123009212315083, which accounts for **range** = 0.120736145414412. It has a **skewness** of 0.00469089124650325, a **kurtosis** of 0.0419066822116978, and a **standard error** of 0.00015762558898067.

The **LBP_C_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.158555171966101, **median** = 0.159072913229465, **standard deviation** = 0.0499924132704239, **min value** = 0.00750216981396079, **max value** = 0.330998331308365, which accounts for **range** = 0.323496161494404. It has a **skewness** of -0.108537947518133, a **kurtosis** of -0.0227488302242955, and a **standard error** of 0.00043721984054997.

The **LBP_C_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.272290154506978, **median** = 0.273110330104827, **standard deviation** = 0.0886856302454602, **min value** = 0.0119787389412522, **max value** = 0.599477827548981, which accounts for **range** = 0.587499088607729. It has a **skewness** of -0.0704649467723285, a **kurtosis** of -0.0680032517945826, and a **standard error** of 0.000775620030688407.

The **LBP_C_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.192813517823874, **median** = 0.194498538970947, **standard deviation** = 0.0566058682828118, **min value** = 0.00733557576313615, **max value** = 0.365843862295151, which accounts for **range** = 0.358508286532015. It has a **skewness** of -0.243951795656682, a **kurtosis** of 0.127534304489951, and a **standard error** of 0.000495059291715479.

The **LBP_C_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0736423110003765, **median** = 0.0740897357463837, **standard deviation** = 0.0224860737474289, **min value** = 0.00260795769281685, **max value** = 0.158659800887108, which accounts for **range** = 0.156051843194291. It has a **skewness** of -0.127161365849064, a **kurtosis** of 0.166596067367316, and a **standard error** of 0.00019665699123715.

The **LBP_C_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0519894174984272, **median** = 0.0522109847515821, **standard deviation** = 0.0151505816368034, **min value** = 0.00140052149072289, **max value** = 0.124136455357075, which accounts for **range** =

0.122735933866352. It has a **skewness** of -0.148123838519429, a **kurtosis** of 0.376913671437488, and a **standard error** of 0.000132502803008339.

The **LBP_C_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.909023103403793, **median** = 0.917622417211533, **standard deviation** = 0.0541962266199755, **min value** = 0.612071871757507, **max value** = 0.999861180782318, which accounts for **range** = 0.387789309024811. It has a **skewness** of -0.939438135592791, a **kurtosis** of 1.22078993356963, and a **standard error** of 0.000473985231179355.

The **LBP_C_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0657262662832744, **median** = 0.0656014494597912, **standard deviation** = 0.0197597054918774, **min value** = 0.00206385040655732, **max value** = 0.166062787175179, which accounts for **range** = 0.163998936768622. It has a **skewness** of -0.00694507751191578, a **kurtosis** of 0.54542999744699, and a **standard error** of 0.000172812927388407.

The **LBP_M_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0397217136809467, **median** = 0.0399340745061636, **standard deviation** = 0.0113667471775582, **min value** = 0.00115899229422212, **max value** = 0.0931104198098183, which accounts for **range** = 0.0919514275155962. It has a **skewness** of -0.22821069083146, a **kurtosis** of 0.591039792892422, and a **standard error** of 9.94104317721345e-05.

The **LBP_M_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0809039517516611, **median** = 0.0817372053861618, **standard deviation** = 0.0212012963939986, **min value** = 0.00229054968804121, **max value** = 0.152534916996956, which accounts for **range** = 0.150244367308915. It has a **skewness** of -0.482335248074028, a **kurtosis** of 0.914962328716002, and a **standard error** of 0.000185420683308376.

The **LBP_M_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0612845321348694, **median** = 0.0618593823164701, **standard deviation** = 0.0196681608898932, **min value** = 0.00257457443512976, **max value** = 0.126204952597618, which accounts for **range** = 0.123630378162488. It has a **skewness** of -0.166054678984853, a **kurtosis** of -0.0865055696306656, and a **standard error** of 0.000172012303580426.

The **LBP_M_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.182227825075265, **median** = 0.184305116534233, **standard deviation** = 0.0469655108435737, **min value** = 0.00762676540762186, **max value** = 0.316776037216187, which accounts for **range** = 0.309149271808565. It has a **skewness** of -0.53145486689187, a **kurtosis** of 0.848221992203181, and a **standard error** of 0.000410747387834615.

The **LBP_M_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.281303556769755, **median** = 0.282140240073204, **standard deviation** = 0.0875199628541452, **min value** = 0.012059235945344, **max value** = 0.574637413024902, which accounts for **range** = 0.562578177079558. It has a **skewness** of -0.149507655682417, a **kurtosis** of 0.00386080811546785, and a **standard error** of 0.000765425425594866.

The **LBP_M_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.265165283544642, **median** = 0.269216477870941, **standard deviation** = 0.0559083981463104, **min value** = 0.00902096834033728, **max value** = 0.425752639770508, which accounts for **range** = 0.416731671430171. It has a **skewness** of -1.21169601923551, a **kurtosis** of 3.10605414841057, and a **standard error** of 0.000488959410515107.

The **LBP_M_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.106177356022246, **median** = 0.108148492872715, **standard deviation** = 0.0257713546201469, **min value** = 0.00293937558308244, **max value** = 0.17717607319355, which accounts for **range** = 0.174236697610468. It has a **skewness** of -0.765390323802532, a **kurtosis** of 1.35084155278202, and a **standard error** of 0.00022538915048623.

The **LBP_M_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0920769809222211, **median** = 0.0929899699985981, **standard deviation** = 0.0213340896212828,

min value = 0.00221977662295103, **max value** = 0.167463600635529, which accounts for **range** = 0.165243824012578. It has a **skewness** of -0.763571957562548, a **kurtosis** of 1.9768996940888, and a **standard error** of 0.000186582056202004.

The **LBP_M_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.867397128632989, **median** = 0.873423665761947, **standard deviation** = 0.0609448294017545, **min value** = 0.595856189727783, **max value** = 0.999840497970581, which accounts for **range** = 0.403984308242798. It has a **skewness** of -0.481792156837544, a **kurtosis** of 0.392072745389282, and a **standard error** of 0.000533006647413529.

The **LBP_M_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.116302929093123, **median** = 0.115963336080313, **standard deviation** = 0.0320131881717765, **min value** = 0.00268823164515197, **max value** = 0.251489549875259, which accounts for **range** = 0.248801318230107. It has a **skewness** of -0.207836170656706, a **kurtosis** of 0.846782178754777, and a **standard error** of 0.000279978502982991.

The **LBP_Ye_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0342685755472996, **median** = 0.0344138611108065, **standard deviation** = 0.00916209775786166, **min value** = 0.000918357749469578, **max value** = 0.0720169767737389, which accounts for **range** = 0.0710986190242693. It has a **skewness** of -0.294137737840067, a **kurtosis** of 0.718869233061934, and a **standard error** of 8.01291767838186e-05.

The **LBP_Ye_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.073852475251232, **median** = 0.0744805708527565, **standard deviation** = 0.0184492060956011, **min value** = 0.00244621932506561, **max value** = 0.144505500793457, which accounts for **range** = 0.142059281468391. It has a **skewness** of -0.491911976131256, a **kurtosis** of 1.08873492652399, and a **standard error** of 0.000161351661576306.

The **LBP_Ye_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0500086265292197, **median** = 0.050458900630474, **standard deviation** = 0.0134203410374336, **min value** = 0.00178028468508273, **max value** = 0.0952098518610001, which accounts for **range** = 0.0934295671759174. It has a **skewness** of -0.36279239693317, a **kurtosis** of 0.682905263465297, and a **standard error** of 0.000117370596549783.

The **LBP_Ye_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.128116395308405, **median** = 0.129429079592228, **standard deviation** = 0.0301195713017845, **min value** = 0.00563837075605989, **max value** = 0.227897331118584, which accounts for **range** = 0.222258960362524. It has a **skewness** of -0.705469922398493, a **kurtosis** of 1.54436064769539, and a **standard error** of 0.000263417452779591.

The **LBP_Ye_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.154307253122873, **median** = 0.155426748096943, **standard deviation** = 0.0415473263388308, **min value** = 0.00635199435055256, **max value** = 0.297998756170273, which accounts for **range** = 0.29164676181972. It has a **skewness** of -0.361905360091524, a **kurtosis** of 0.695367542331253, and a **standard error** of 0.000363361442442867.

The **LBP_Ye_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.193972535068515, **median** = 0.195599772036075, **standard deviation** = 0.0416954374401453, **min value** = 0.0093100992962718, **max value** = 0.328537613153458, which accounts for **range** = 0.319227513857186. It has a **skewness** of -0.925112258508035, a **kurtosis** of 2.60558467948773, and a **standard error** of 0.000364656781232578.

The **LBP_Ye_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0904496533107387, **median** = 0.0905624404549599, **standard deviation** = 0.0244391584638906, **min value** = 0.00316276005469263, **max value** = 0.179879486560822, which accounts for **range** = 0.176716726506129. It has a **skewness** of -0.233328806009849, a **kurtosis** of 0.745956258562398, and a **standard error** of 0.000213738130803124.

The **LBP_Ye_8** variable is a numeric variable with the following descriptive statistics: **mean** =

0.0764869079795544, **median** = 0.0772363878786564, **standard deviation** = 0.0189759193159477, **min value** = 0.00241081463173032, **max value** = 0.149118974804878, which accounts for **range** = 0.146708160173148. It has a **skewness** of -0.485716438787951, a **kurtosis** of 1.13456212437643, and a **standard error** of 0.000165958149944247.

The **LBP_Ye_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.938666124418275, **median** = 0.941002249717712, **standard deviation** = 0.0257502541249386, **min value** = 0.814722895622253, **max value** = 0.999901831150055, which accounts for **range** = 0.185178935527802. It has a **skewness** of -0.458960619455118, a **kurtosis** of 0.865250153530245, and a **standard error** of 0.000225204611382254.

The **LBP_Ye_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.103022105616487, **median** = 0.103384837508202, **standard deviation** = 0.0261824142820642, **min value** = 0.00340915727429092, **max value** = 0.197342470288277, which accounts for **range** = 0.193933313013986. It has a **skewness** of -0.392325007177959, a **kurtosis** of 0.985241312156988, and a **standard error** of 0.000228984164771054.

The **LBP_K_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0514639072636713, **median** = 0.0518252868205308, **standard deviation** = 0.0145774417580102, **min value** = 0.001871925778687, **max value** = 0.107626035809517, which accounts for **range** = 0.10575411003083. It has a **skewness** of -0.241419867195918, a **kurtosis** of 0.506773742905299, and a **standard error** of 0.000127490279906819.

The **LBP_K_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.086214291944725, **median** = 0.0870985202491283, **standard deviation** = 0.0234878938679763, **min value** = 0.00288549228571355, **max value** = 0.171584382653236, which accounts for **range** = 0.168698890367522. It has a **skewness** of -0.358971253564009, a **kurtosis** of 0.614345554764499, and a **standard error** of 0.000205418633348646.

The **LBP_K_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0688202082154661, **median** = 0.0694614201784134, **standard deviation** = 0.0204024331482178, **min value** = 0.00293799745850265, **max value** = 0.146663770079613, which accounts for **range** = 0.14372577262111. It has a **skewness** of -0.21392012981088, a **kurtosis** of 0.295911975129199, and a **standard error** of 0.000178434045974984.

The **LBP_K_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.13670028353949, **median** = 0.137549646198749, **standard deviation** = 0.0365309605125502, **min value** = 0.00540777714923024, **max value** = 0.258552104234695, which accounts for **range** = 0.253144327085465. It has a **skewness** of -0.384195082444356, a **kurtosis** of 0.642163710575404, and a **standard error** of 0.000319489692246637.

The **LBP_K_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.167685002131537, **median** = 0.167946130037308, **standard deviation** = 0.0528241006815258, **min value** = 0.00705359084531665, **max value** = 0.355802297592163, which accounts for **range** = 0.348748706746846. It has a **skewness** of -0.110085363201494, a **kurtosis** of 0.00519638070393791, and a **standard error** of 0.000461984996648201.

The **LBP_K_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.179715233845048, **median** = 0.18146239221096, **standard deviation** = 0.0398126612883604, **min value** = 0.00724971201270819, **max value** = 0.316392600536346, which accounts for **range** = 0.309142888523638. It has a **skewness** of -0.88196589089871, a **kurtosis** of 2.31501467699438, and a **standard error** of 0.000348190540956842.

The **LBP_K_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0923309222982345, **median** = 0.0929295793175697, **standard deviation** = 0.0264906323324634, **min value** = 0.00419531110674143, **max value** = 0.187153607606888, which accounts for **range** = 0.182958296500147. It has a **skewness** of -0.244081932765057, a **kurtosis** of 0.413645323273365, and a **standard error** of 0.000231679754722297.

The **LBP_K_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0974351109926184, **median** = 0.0983076058328151, **standard deviation** = 0.0237050608945302, **min value** = 0.00321024586446583, **max value** = 0.184444844722748, which accounts for **range** = 0.181234598858282. It has a **skewness** of -0.55664989991881, a **kurtosis** of 1.35984770114948, and a **standard error** of 0.000207317916190005.

The **LBP_K_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.929394689570222, **median** = 0.932993918657303, **standard deviation** = 0.0333224222744972, **min value** = 0.751124382019043, **max value** = 0.999903857707977, which accounts for **range** = 0.248779475688934. It has a **skewness** of -0.609459151327671, a **kurtosis** of 0.767510425093949, and a **standard error** of 0.000291428702887079.

The **LBP_K_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.118472873403474, **median** = 0.119700130075217, **standard deviation** = 0.0314160399233476, **min value** = 0.00351512106135488, **max value** = 0.236203879117966, which accounts for **range** = 0.232688758056611. It has a **skewness** of -0.383913466279568, a **kurtosis** of 0.792291148063377, and a **standard error** of 0.000274756009310791.

The **LBP_R_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0296563592346357, **median** = 0.0297650415450334, **standard deviation** = 0.00889373375099621, **min value** = 0.000947796099353582, **max value** = 0.076691247522831, which accounts for **range** = 0.0757434514234774. It has a **skewness** of -0.108505158177593, a **kurtosis** of 0.506504121503905, and a **standard error** of 7.77821392912221e-05.

The **LBP_R_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0577543435691172, **median** = 0.0583103224635124, **standard deviation** = 0.0160739380624904, **min value** = 0.00172911339905113, **max value** = 0.115105666220188, which accounts for **range** = 0.113376552821137. It has a **skewness** of -0.330816998525527, a **kurtosis** of 0.542004417119683, and a **standard error** of 0.000140578223313134.

The **LBP_R_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0635887696900145, **median** = 0.0642075464129447, **standard deviation** = 0.0188464216741713, **min value** = 0.00197430374100804, **max value** = 0.137025162577629, which accounts for **range** = 0.135050858836621. It has a **skewness** of -0.252951676928247, a **kurtosis** of 0.280350159210075, and a **standard error** of 0.000164825599331361.

The **LBP_R_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.1986903983411, **median** = 0.202227756381035, **standard deviation** = 0.0505080099929045, **min value** = 0.00743579911068082, **max value** = 0.337233603000641, which accounts for **range** = 0.32979780388996. It has a **skewness** of -0.64061632239161, a **kurtosis** of 0.890662363905117, and a **standard error** of 0.000441729107097509.

The **LBP_R_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.317284721676423, **median** = 0.323135852813721, **standard deviation** = 0.0886063979956572, **min value** = 0.0114354714751244, **max value** = 0.572068572044373, which accounts for **range** = 0.560633100569249. It has a **skewness** of -0.484649322347236, a **kurtosis** of 0.334392838354558, and a **standard error** of 0.000774927087312421.

The **LBP_R_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.262742651267516, **median** = 0.267398282885552, **standard deviation** = 0.0573720224019876, **min value** = 0.0113183259963989, **max value** = 0.414650648832321, which accounts for **range** = 0.403332322835922. It has a **skewness** of -1.06024843462501, a **kurtosis** of 2.43711840997688, and a **standard error** of 0.000501759864060542.

The **LBP_R_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0998332638806252, **median** = 0.101037394255399, **standard deviation** = 0.0259774297550579, **min value** = 0.00400101533159614, **max value** = 0.178102269768715, which accounts for **range** = 0.174101254437119. It has a **skewness** of -0.495848557143834, a **kurtosis** of 0.836892186840223, and a

standard error of 0.000227191426706417.

The **LBP_R_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0909464488238393, **median** = 0.0922666899859905, **standard deviation** = 0.0194575154366333, **min value** = 0.00344602600671351, **max value** = 0.152013286948204, which accounts for **range** = 0.148567260941491. It has a **skewness** of -1.06821173353682, a **kurtosis** of 2.87099152566733, and a **standard error** of 0.000170170056618098.

The **LBP_R_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.857891052728839, **median** = 0.86428502202034, **standard deviation** = 0.0656299305106524, **min value** = 0.590330600738525, **max value** = 0.999821126461029, which accounts for **range** = 0.409490525722504. It has a **skewness** of -0.417031465209285, a **kurtosis** of 0.202903068485878, and a **standard error** of 0.000573981247873649.

The **LBP_R_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0896274902460101, **median** = 0.0903639569878578, **standard deviation** = 0.0238041395152394, **min value** = 0.00280113168992102, **max value** = 0.196184366941452, which accounts for **range** = 0.193383235251531. It has a **skewness** of -0.389820569746596, a **kurtosis** of 0.876543678691105, and a **standard error** of 0.000208184430445159.

The **LBP_G_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0333140944438096, **median** = 0.033332696184516, **standard deviation** = 0.00941516250967245, **min value** = 0.000648305402137339, **max value** = 0.0772414281964302, which accounts for **range** = 0.0765931227942929. It has a **skewness** of -0.171973341161223, a **kurtosis** of 0.832889004356153, and a **standard error** of 8.23424112167518e-05.

The **LBP_G_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0646831827194642, **median** = 0.0649243220686913, **standard deviation** = 0.0166864540326883, **min value** = 0.0015598104801029, **max value** = 0.132779017090797, which accounts for **range** = 0.131219206610694. It has a **skewness** of -0.399356569070535, a **kurtosis** of 1.27557766038002, and a **standard error** of 0.000145935118835973.

The **LBP_G_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.066964150433997, **median** = 0.0680762864649296, **standard deviation** = 0.018282684304159, **min value** = 0.00187636527698487, **max value** = 0.132261693477631, which accounts for **range** = 0.130385328200646. It has a **skewness** of -0.483770413067106, a **kurtosis** of 0.620790344952669, and a **standard error** of 0.000159895307975038.

The **LBP_G_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.206275970239166, **median** = 0.209463708102703, **standard deviation** = 0.0517624704489526, **min value** = 0.00832374859601259, **max value** = 0.365304857492447, which accounts for **range** = 0.356981108896434. It has a **skewness** of -0.62539811442701, a **kurtosis** of 1.00279839034871, and a **standard error** of 0.000452700271814098.

The **LBP_G_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.329421294086891, **median** = 0.3333760201931, **standard deviation** = 0.0944356964393467, **min value** = 0.0135369002819061, **max value** = 0.613572716712952, which accounts for **range** = 0.600035816431046. It has a **skewness** of -0.375113464887391, a **kurtosis** of 0.198107396456811, and a **standard error** of 0.000825908521680902.

The **LBP_G_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.251755844141746, **median** = 0.255433410406113, **standard deviation** = 0.0536711661283662, **min value** = 0.0113093759864569, **max value** = 0.408666253089905, which accounts for **range** = 0.397356877103448. It has a **skewness** of -1.1208748528919, a **kurtosis** of 2.88006276899081, and a **standard error** of 0.000469393197120533.

The **LBP_G_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.101918786103069, **median** = 0.103567041456699, **standard deviation** = 0.0233026226648021, **min value** = 0.00345333083532751, **max value** = 0.167656153440475, which accounts for **range** =

0.164202822605147. It has a **skewness** of -0.942807466917524, a **kurtosis** of 2.00116502449465, and a **standard error** of 0.000203798302570211.

The **LBP_G_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0923484717672936, **median** = 0.0930306725203991, **standard deviation** = 0.0207865688360499, **min value** = 0.00296201300807297, **max value** = 0.165350392460823, which accounts for **range** = 0.16238837945275. It has a **skewness** of -0.794505448098753, a **kurtosis** of 2.34560005397462, and a **standard error** of 0.000181793590617788.

The **LBP_G_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.85227341641066, **median** = 0.858921974897385, **standard deviation** = 0.0671660940275553, **min value** = 0.566886067390442, **max value** = 0.99979293346405, which accounts for **range** = 0.432906866073608. It has a **skewness** of -0.442563247472792, a **kurtosis** of 0.286538238596761, and a **standard error** of 0.000587416109765309.

The **LBP_G_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0960688874797153, **median** = 0.0964307785034179, **standard deviation** = 0.0243693045733809, **min value** = 0.00258274795487523, **max value** = 0.200784221291542, which accounts for **range** = 0.198201473336667. It has a **skewness** of -0.410919268481432, a **kurtosis** of 1.38226396486068, and a **standard error** of 0.000213127207967589.

The **LBP_B_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0614023271332756, **median** = 0.0619639568030834, **standard deviation** = 0.0174286413601836, **min value** = 0.00183195958379656, **max value** = 0.134822815656662, which accounts for **range** = 0.132990856072865. It has a **skewness** of -0.329225201390366, a **kurtosis** of 0.499533277601547, and a **standard error** of 0.000152426084239671.

The **LBP_B_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.109593458328221, **median** = 0.110871810466052, **standard deviation** = 0.0290815151520966, **min value** = 0.00323374010622501, **max value** = 0.205623403191566, which accounts for **range** = 0.202389663085341. It has a **skewness** of -0.509328637569903, a **kurtosis** of 0.762702478348813, and a **standard error** of 0.00025433890036418.

The **LBP_B_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0803958410366363, **median** = 0.0814125053584576, **standard deviation** = 0.0227124668064484, **min value** = 0.00261058774776757, **max value** = 0.154812037944794, which accounts for **range** = 0.152201450197026. It has a **skewness** of -0.388152526610982, a **kurtosis** of 0.440759646946165, and a **standard error** of 0.00019863696241059.

The **LBP_B_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.16358130076325, **median** = 0.16618437319994, **standard deviation** = 0.0386370941267386, **min value** = 0.00637001125141978, **max value** = 0.276506513357162, which accounts for **range** = 0.270136502105742. It has a **skewness** of -0.834199430311172, a **kurtosis** of 1.66393653382358, and a **standard error** of 0.000337909355206121.

The **LBP_B_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.177300903274988, **median** = 0.180258013308048, **standard deviation** = 0.0463889296925113, **min value** = 0.00628808606415987, **max value** = 0.338728457689285, which accounts for **range** = 0.332440371625125. It has a **skewness** of -0.572335320056175, a **kurtosis** of 0.880729260882973, and a **standard error** of 0.000405704768316171.

The **LBP_B_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.232132106144235, **median** = 0.235446073114872, **standard deviation** = 0.0479375015545944, **min value** = 0.00931274611502886, **max value** = 0.381231427192688, which accounts for **range** = 0.371918681077659. It has a **skewness** of -1.3027686971627, a **kurtosis** of 3.66183671673151, and a **standard error** of 0.000419248150168087.

The **LBP_B_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.130467981139582, **median** = 0.132211081683636, **standard deviation** = 0.0316633564505962,

min value = 0.00465624360367656, **max value** = 0.227383121848106, which accounts for **range** = 0.222726878244429. It has a **skewness** of -0.733028059391743, a **kurtosis** of 1.42483795488149, and a **standard error** of 0.000276918971359134.

The **LBP_B_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.130664580231815, **median** = 0.132686614990234, **standard deviation** = 0.0299872057531972, **min value** = 0.00484466273337603, **max value** = 0.220170393586159, which accounts for **range** = 0.215325730852783. It has a **skewness** of -0.899976832940693, a **kurtosis** of 1.93226362363065, and a **standard error** of 0.000262259820245738.

The **LBP_B_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.8908943092265, **median** = 0.894345045089721, **standard deviation** = 0.0457274657388073, **min value** = 0.691791713237762, **max value** = 0.999869287014008, which accounts for **range** = 0.308077573776246. It has a **skewness** of -0.316701407125925, a **kurtosis** of 0.434725706095003, and a **standard error** of 0.00039991978724707.

The **LBP_B_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.156941870928797, **median** = 0.158921107649803, **standard deviation** = 0.0407102575821256, **min value** = 0.00505931954830885, **max value** = 0.302494138479233, which accounts for **range** = 0.297434818930924. It has a **skewness** of -0.53854589134527, a **kurtosis** of 0.897969990249909, and a **standard error** of 0.000356040670261771.

The **LBP_X_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0238340067876096, **median** = 0.0240602642297745, **standard deviation** = 0.00673786882679908, **min value** = 0.000686171755660325, **max value** = 0.0590527504682541, which accounts for **range** = 0.0583665787125938. It has a **skewness** of -0.237481303502322, a **kurtosis** of 0.596057231726822, and a **standard error** of 5.89275400282097e-05.

The **LBP_X_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0563028644282622, **median** = 0.05710943415761, **standard deviation** = 0.0142474663199691, **min value** = 0.00156824465375394, **max value** = 0.104132816195488, which accounts for **range** = 0.102564571541734. It has a **skewness** of -0.56060982347365, a **kurtosis** of 1.0443733887139, and a **standard error** of 0.000124604405851783.

The **LBP_X_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0438196026163211, **median** = 0.043734647333622, **standard deviation** = 0.0145677348656986, **min value** = 0.00168168253730983, **max value** = 0.105952039361, which accounts for **range** = 0.10427035682369. It has a **skewness** of 0.00811511605603169, a **kurtosis** of 0.0268402726071617, and a **standard error** of 0.000127405386107318.

The **LBP_X_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.167524932041721, **median** = 0.168578781187534, **standard deviation** = 0.0437322785247914, **min value** = 0.00706048822030425, **max value** = 0.304785966873169, which accounts for **range** = 0.297725478652865. It has a **skewness** of -0.432495808975145, a **kurtosis** of 0.695679260105529, and a **standard error** of 0.00038247043086452.

The **LBP_X_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.268247425745097, **median** = 0.270844042301178, **standard deviation** = 0.0796840152468078, **min value** = 0.0114279892295599, **max value** = 0.511603832244873, which accounts for **range** = 0.500175843015313. It has a **skewness** of -0.281004513929054, a **kurtosis** of 0.0369805397050693, and a **standard error** of 0.000696894391797687.

The **LBP_X_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.26139252558701, **median** = 0.264675810933113, **standard deviation** = 0.0568967073701918, **min value** = 0.0114479400217533, **max value** = 0.425980806350708, which accounts for **range** = 0.414532866328955. It has a **skewness** of -0.987426757052762, a **kurtosis** of 2.41985376466425, and a **standard error** of 0.000497602890055534.

The **LBP_X_7** variable is a numeric variable with the following descriptive statistics: **mean** =

0.113108547956727, **median** = 0.114418115466833, **standard deviation** = 0.0292009924836531, **min value** = 0.00424774084240198, **max value** = 0.201171576976776, which accounts for **range** = 0.196923836134374. It has a **skewness** of -0.514840058327614, a **kurtosis** of 0.861754151702204, and a **standard error** of 0.000255383816111092.

The **LBP_X_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0931141021891833, **median** = 0.0945941880345345, **standard deviation** = 0.0198476525922992, **min value** = 0.00337464222684503, **max value** = 0.162217825651169, which accounts for **range** = 0.158843183424324. It has a **skewness** of -1.09119339052665, a **kurtosis** of 2.8071926602866, and a **standard error** of 0.00017358208844121.

The **LBP_X_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.881971178113894, **median** = 0.88776209950447, **standard deviation** = 0.0547966602398564, **min value** = 0.642503142356873, **max value** = 0.999821841716766, which accounts for **range** = 0.357318699359893. It has a **skewness** of -0.508868999551422, a **kurtosis** of 0.354709641296103, and a **standard error** of 0.000479236457802985.

The **LBP_X_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0991121398831793, **median** = 0.10038148239255, **standard deviation** = 0.0250273365604979, **min value** = 0.00307027692906559, **max value** = 0.19019778072834, which accounts for **range** = 0.187127503799274. It has a **skewness** of -0.538532946174983, a **kurtosis** of 1.14440393947622, and a **standard error** of 0.000218882174004691.

The **LBP_Y_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.021244086539821, **median** = 0.0214685080572963, **standard deviation** = 0.00573332799140582, **min value** = 0.000637905730400234, **max value** = 0.0451592318713665, which accounts for **range** = 0.0445213261409663. It has a **skewness** of -0.334134947927386, a **kurtosis** of 0.694458454098091, and a **standard error** of 5.01421032960243e-05.

The **LBP_Y_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0515680940435514, **median** = 0.0523540936410427, **standard deviation** = 0.0125347016932605, **min value** = 0.00128964241594076, **max value** = 0.0935167893767357, which accounts for **range** = 0.0922271469607949. It has a **skewness** of -0.67301894867821, a **kurtosis** of 1.30367710807259, and a **standard error** of 0.000109625039423954.

The **LBP_Y_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0385544171800328, **median** = 0.0383302047848701, **standard deviation** = 0.0132160348384921, **min value** = 0.0016283905133605, **max value** = 0.0966015085577965, which accounts for **range** = 0.094973118044436. It has a **skewness** of 0.0925168278555401, a **kurtosis** of -0.0194549278158611, and a **standard error** of 0.000115583790955074.

The **LBP_Y_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.161223236801979, **median** = 0.161645948886872, **standard deviation** = 0.0426777801967862, **min value** = 0.00717054447159171, **max value** = 0.301241844892502, which accounts for **range** = 0.29407130042091. It has a **skewness** of -0.344734474052862, a **kurtosis** of 0.598689797113352, and a **standard error** of 0.00037324807969822.

The **LBP_Y_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.262803679839684, **median** = 0.262634560465812, **standard deviation** = 0.0830123178142865, **min value** = 0.0122541505843401, **max value** = 0.531585872173309, which accounts for **range** = 0.519331721588969. It has a **skewness** of -0.128613723055357, a **kurtosis** of -0.164191210811281, and a **standard error** of 0.000726002806908265.

The **LBP_Y_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.259510371017761, **median** = 0.262588426470757, **standard deviation** = 0.0562443631527348, **min value** = 0.01194501016289, **max value** = 0.430859744548798, which accounts for **range** = 0.418914734385908. It has a **skewness** of -0.967686006515936, a **kurtosis** of 2.42154175350351, and a **standard error** of 0.000491897667681142.

The **LBP_Y_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.103906851888043, **median** = 0.104852911084891, **standard deviation** = 0.0275862229338231, **min value** = 0.00363985914736986, **max value** = 0.191272228956223, which accounts for **range** = 0.187632369808853. It has a **skewness** of -0.386019507148694, a **kurtosis** of 0.657273626116876, and a **standard error** of 0.000241261487563306.

The **LBP_Y_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0861470965806113, **median** = 0.0872955434024334, **standard deviation** = 0.0181788827947896, **min value** = 0.00327039672993124, **max value** = 0.151651710271835, which accounts for **range** = 0.148381313541904. It has a **skewness** of -1.10347005841814, a **kurtosis** of 2.92660449233694, and a **standard error** of 0.000158987488639936.

The **LBP_Y_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.889045743789442, **median** = 0.895708560943604, **standard deviation** = 0.0529373640928976, **min value** = 0.644478261470795, **max value** = 0.999809861183167, which accounts for **range** = 0.355331599712372. It has a **skewness** of -0.612866269112734, a **kurtosis** of 0.498927134000307, and a **standard error** of 0.000462975567165217.

The **LBP_Y_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0882202564884971, **median** = 0.0893477685749531, **standard deviation** = 0.0215046235265091, **min value** = 0.00270514283329248, **max value** = 0.161604940891266, which accounts for **range** = 0.158899798057974. It has a **skewness** of -0.611879185731643, a **kurtosis** of 1.3841802203186, and a **standard error** of 0.000188073498642442.

The **LBP_Z_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0454869697131824, **median** = 0.0457170326262712, **standard deviation** = 0.0134459498104376, **min value** = 0.00152242952026427, **max value** = 0.114212870597839, which accounts for **range** = 0.112690441077575. It has a **skewness** of -0.168060250031083, a **kurtosis** of 0.441349266995064, and a **standard error** of 0.000117594563806353.

The **LBP_Z_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0936080915493468, **median** = 0.094493892043829, **standard deviation** = 0.0254738153719965, **min value** = 0.0027748488355428, **max value** = 0.188051417469978, which accounts for **range** = 0.185276568634435. It has a **skewness** of -0.4141339082753, a **kurtosis** of 0.597630549277658, and a **standard error** of 0.000222786954390394.

The **LBP_Z_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0584155143423387, **median** = 0.0589089654386044, **standard deviation** = 0.0173610364559175, **min value** = 0.00219214847311378, **max value** = 0.1304682046175, which accounts for **range** = 0.128276056144386. It has a **skewness** of -0.223988650337871, a **kurtosis** of 0.27093674111318, and a **standard error** of 0.000151834830416741.

The **LBP_Z_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.147799821045195, **median** = 0.150063976645469, **standard deviation** = 0.0356448928033414, **min value** = 0.00611246610060334, **max value** = 0.255401521921158, which accounts for **range** = 0.249289055820555. It has a **skewness** of -0.732440558246948, a **kurtosis** of 1.33776432263728, and a **standard error** of 0.000311740388758503.

The **LBP_Z_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.163505224845866, **median** = 0.166097834706307, **standard deviation** = 0.0442419826211667, **min value** = 0.00670934794470668, **max value** = 0.310634970664978, which accounts for **range** = 0.303925622720271. It has a **skewness** of -0.489315428606323, a **kurtosis** of 0.599511090952973, and a **standard error** of 0.00038692816213145.

The **LBP_Z_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.229209575089028, **median** = 0.232777543365956, **standard deviation** = 0.0476926481169106, **min value** = 0.0097377011552453, **max value** = 0.372622489929199, which accounts for **range** = 0.362884788773954. It has a **skewness** of -1.23894928201483, a **kurtosis** of 3.29390760653892, and a

standard error of 0.00041710672962087.

The **LBP_Z_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.131160780864971, **median** = 0.132685415446758, **standard deviation** = 0.0341218316086577, **min value** = 0.004760199226439, **max value** = 0.231770113110542, which accounts for **range** = 0.227009913884103. It has a **skewness** of -0.530867453334292, a **kurtosis** of 0.827146952067832, and a **standard error** of 0.000298420116158633.

The **LBP_Z_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.122893609232056, **median** = 0.124663360416889, **standard deviation** = 0.0285352948305058, **min value** = 0.00445048045367002, **max value** = 0.212920367717743, which accounts for **range** = 0.208469887264073. It has a **skewness** of -0.819270553521573, a **kurtosis** of 1.69245858574495, and a **standard error** of 0.000249561808275841.

The **LBP_Z_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.904383736346427, **median** = 0.907785326242447, **standard deviation** = 0.0413508164678745, **min value** = 0.713345766067505, **max value** = 0.999870657920837, which accounts for **range** = 0.286524891853332. It has a **skewness** of -0.375893406096284, a **kurtosis** of 0.419590284030707, and a **standard error** of 0.000361642821379682.

The **LBP_Z_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.14992577633616, **median** = 0.151546433568001, **standard deviation** = 0.0403173651265869, **min value** = 0.00483623705804348, **max value** = 0.290722072124481, which accounts for **range** = 0.285885835066437. It has a **skewness** of -0.431778117282543, a **kurtosis** of 0.662230493260175, and a **standard error** of 0.000352604541346875.

The **LBP_H_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0320471678154015, **median** = 0.0321355573832989, **standard deviation** = 0.00986007625283695, **min value** = 0.00150165217928588, **max value** = 0.0824353769421577, which accounts for **range** = 0.0809337247628718. It has a **skewness** of -0.0891335803696898, a **kurtosis** of 0.287234051139164, and a **standard error** of 8.62335039470152e-05.

The **LBP_H_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0692259520074482, **median** = 0.0699467472732067, **standard deviation** = 0.0199268739710868, **min value** = 0.00298839318566024, **max value** = 0.148920804262161, which accounts for **range** = 0.145932411076501. It has a **skewness** of -0.302002334280803, a **kurtosis** of 0.278857471699687, and a **standard error** of 0.000174274936742297.

The **LBP_H_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0473163854846161, **median** = 0.0476033817976713, **standard deviation** = 0.0149374534389338, **min value** = 0.00175821734592319, **max value** = 0.100951127707958, which accounts for **range** = 0.0991929103620348. It has a **skewness** of -0.115838889956149, a **kurtosis** of 0.0724518556356575, and a **standard error** of 0.00013063884264729.

The **LBP_H_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.139876054471267, **median** = 0.141634829342365, **standard deviation** = 0.0384011698029169, **min value** = 0.0054690889082849, **max value** = 0.263060748577118, which accounts for **range** = 0.257591659668833. It has a **skewness** of -0.386473444989193, a **kurtosis** of 0.454133151664413, and a **standard error** of 0.000335846026222877.

The **LBP_H_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.204717862535719, **median** = 0.205728925764561, **standard deviation** = 0.0633179313541162, **min value** = 0.00731936888769269, **max value** = 0.43999770283699, which accounts for **range** = 0.432678333949297. It has a **skewness** of -0.158950452156164, a **kurtosis** of 0.114973139878982, and a **standard error** of 0.000553761141732655.

The **LBP_H_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.244317592306444, **median** = 0.247555911540985, **standard deviation** = 0.0572994590240385, **min value** = 0.00854771211743355, **max value** = 0.42327407002449, which accounts for **range** =

0.414726357907056. It has a **skewness** of -0.755969946702081, a **kurtosis** of 1.55693479554693, and a **standard error** of 0.000501125244796114.

The **LBP_H_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.109239739555218, **median** = 0.110306657850742, **standard deviation** = 0.0314737911245295, **min value** = 0.00430408306419849, **max value** = 0.209535658359528, which accounts for **range** = 0.20523157529533. It has a **skewness** of -0.30124429384183, a **kurtosis** of 0.269174956894807, and a **standard error** of 0.000275261085367747.

The **LBP_H_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0902577769560479, **median** = 0.0917401388287545, **standard deviation** = 0.0237444755256639, **min value** = 0.00338093843311071, **max value** = 0.168556079268456, which accounts for **range** = 0.165175140835345. It has a **skewness** of -0.526878793581181, a **kurtosis** of 0.638174360165678, and a **standard error** of 0.000207662625669149.

The **LBP_H_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.909389202057157, **median** = 0.914688467979431, **standard deviation** = 0.0451373590304777, **min value** = 0.687241733074188, **max value** = 0.999888837337494, which accounts for **range** = 0.312647104263306. It has a **skewness** of -0.633119658442601, a **kurtosis** of 0.629193908922801, and a **standard error** of 0.000394758876939986.

The **LBP_H_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0991494528968779, **median** = 0.100051999092102, **standard deviation** = 0.0283160240223859, **min value** = 0.00394987454637885, **max value** = 0.219593182206154, which accounts for **range** = 0.215643307659775. It has a **skewness** of -0.266290750772984, a **kurtosis** of 0.419563370125016, and a **standard error** of 0.000247644126341887.

The **LBP_S_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0398932838816228, **median** = 0.0398601666092872, **standard deviation** = 0.0116911031907185, **min value** = 0.00110349769238383, **max value** = 0.0858718380331993, which accounts for **range** = 0.0847683403408155. It has a **skewness** of -0.10897810351113, a **kurtosis** of 0.593045445269302, and a **standard error** of 0.000102247159889024.

The **LBP_S_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0717004928429432, **median** = 0.0723679773509503, **standard deviation** = 0.0191517890035434, **min value** = 0.00221646460704505, **max value** = 0.14691449701786, which accounts for **range** = 0.144698032410815. It has a **skewness** of -0.396266756264027, a **kurtosis** of 0.927653381233488, and a **standard error** of 0.000167496257663756.

The **LBP_S_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0659201401746003, **median** = 0.0670023076236248, **standard deviation** = 0.0190179046464014, **min value** = 0.00244374619796872, **max value** = 0.128211885690689, which accounts for **range** = 0.12576813949272. It has a **skewness** of -0.386825730492196, a **kurtosis** of 0.29801288623436, and a **standard error** of 0.000166325342049719.

The **LBP_S_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.176783326130086, **median** = 0.179002575576305, **standard deviation** = 0.0471287334299103, **min value** = 0.00763880647718906, **max value** = 0.314836531877518, which accounts for **range** = 0.307197725400329. It has a **skewness** of -0.488410865080374, a **kurtosis** of 0.601580907190679, and a **standard error** of 0.000412174887499139.

The **LBP_S_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.292017481086073, **median** = 0.294884413480759, **standard deviation** = 0.0901299531818415, **min value** = 0.0125371403992176, **max value** = 0.587585806846619, which accounts for **range** = 0.575048666447401. It has a **skewness** of -0.214558682972279, a **kurtosis** of 0.0307856222165594, and a **standard error** of 0.000788251680225536.

The **LBP_S_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.263521977753292, **median** = 0.2679573148489, **standard deviation** = 0.0567711234818597, **min value**

= 0.00910724047571421, **max value** = 0.409759968519211, which accounts for **range** = 0.400652728043497. It has a **skewness** of -1.1303464785513, a **kurtosis** of 2.68819022758133, and a **standard error** of 0.000496504568049449.

The **LBP_S_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0960043974414012, **median** = 0.0975403897464275, **standard deviation** = 0.024219843938881, **min value** = 0.00331210624426603, **max value** = 0.170349210500717, which accounts for **range** = 0.167037104256451. It has a **skewness** of -0.639692572648065, a **kurtosis** of 1.05800087394383, and a **standard error** of 0.000211820066533326.

The **LBP_S_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0883571374944322, **median** = 0.0898524895310402, **standard deviation** = 0.0197381006470566, **min value** = 0.00266483635641634, **max value** = 0.157748460769653, which accounts for **range** = 0.155083624413237. It has a **skewness** of -0.948286090524587, a **kurtosis** of 2.32069038482817, and a **standard error** of 0.000172623977382002.

The **LBP_S_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.870000813128442, **median** = 0.876351535320282, **standard deviation** = 0.0620997584805768, **min value** = 0.586997985839844, **max value** = 0.999833166599274, which accounts for **range** = 0.41283518075943. It has a **skewness** of -0.531148153371438, a **kurtosis** of 0.414377609051501, and a **standard error** of 0.000543107338191502.

The **LBP_S_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0956186292413351, **median** = 0.0965234898030758, **standard deviation** = 0.0248969075591766, **min value** = 0.00224784854799509, **max value** = 0.194965779781342, which accounts for **range** = 0.192717931233347. It has a **skewness** of -0.422669165159432, a **kurtosis** of 1.08281256488904, and a **standard error** of 0.000217741477978429.

The **LBP_V_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0507038103396029, **median** = 0.0508370138704776, **standard deviation** = 0.0159874488152283, **min value** = 0.00146699871402234, **max value** = 0.125476643443108, which accounts for **range** = 0.124009644729086. It has a **skewness** of -0.0501053100791998, a **kurtosis** of 0.302423734308232, and a **standard error** of 0.000139821812241464.

The **LBP_V_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0894957886709885, **median** = 0.0901127755641937, **standard deviation** = 0.0265235356722071, **min value** = 0.00246615684591234, **max value** = 0.195646375417709, which accounts for **range** = 0.193180218571797. It has a **skewness** of -0.203172129238569, a **kurtosis** of 0.343891161562531, and a **standard error** of 0.000231967518245104.

The **LBP_V_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0707147154000445, **median** = 0.0711968019604683, **standard deviation** = 0.0214968473627918, **min value** = 0.00224661640822887, **max value** = 0.150438874959946, which accounts for **range** = 0.148192258551717. It has a **skewness** of -0.185492096575868, a **kurtosis** of 0.22856043130939, and a **standard error** of 0.000188005490462037.

The **LBP_V_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.165278917728123, **median** = 0.167321406304836, **standard deviation** = 0.0414621339227883, **min value** = 0.00616381363943219, **max value** = 0.285082578659058, which accounts for **range** = 0.278918765019626. It has a **skewness** of -0.632818284528498, a **kurtosis** of 1.04595366425288, and a **standard error** of 0.000362616373098912.

The **LBP_V_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.216912268111494, **median** = 0.219144865870476, **standard deviation** = 0.0604403834999968, **min value** = 0.00712830433622003, **max value** = 0.426235556602478, which accounts for **range** = 0.419107252266258. It has a **skewness** of -0.376390140366843, a **kurtosis** of 0.502209772642937, and a **standard error** of 0.00052859490286462.

The **LBP_V_6** variable is a numeric variable with the following descriptive statistics: **mean** =

0.237986844448942, **median** = 0.241545043885708, **standard deviation** = 0.0515170004844056, **min value** = 0.00956160482019186, **max value** = 0.39337757229805, which accounts for **range** = 0.383815967477858. It has a **skewness** of -1.06225454414378, a **kurtosis** of 2.66172002529344, and a **standard error** of 0.000450553459293196.

The **LBP_V_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.114123645537978, **median** = 0.115187514573336, **standard deviation** = 0.0304952589937617, **min value** = 0.00424815900623798, **max value** = 0.209871292114258, which accounts for **range** = 0.20562313310802. It has a **skewness** of -0.433768766696408, a **kurtosis** of 0.69823497312534, and a **standard error** of 0.000266703113583648.

The **LBP_V_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.119592531116013, **median** = 0.121254447847605, **standard deviation** = 0.0275364308485796, **min value** = 0.0047904490493238, **max value** = 0.209086135029793, which accounts for **range** = 0.204295685980469. It has a **skewness** of -0.846184064858283, a **kurtosis** of 1.91992733087454, and a **standard error** of 0.000240826019736357.

The **LBP_V_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.890396544792719, **median** = 0.894913703203202, **standard deviation** = 0.0493414330589896, **min value** = 0.683684229850769, **max value** = 0.999869048595428, which accounts for **range** = 0.316184818744659. It has a **skewness** of -0.4310985101447, a **kurtosis** of 0.367500202504071, and a **standard error** of 0.000431526547395569.

The **LBP_V_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.135073505284307, **median** = 0.136287301778794, **standard deviation** = 0.0382991189317609, **min value** = 0.00449620606377721, **max value** = 0.286975473165512, which accounts for **range** = 0.282479267101735. It has a **skewness** of -0.287790228615815, a **kurtosis** of 0.507683507768323, and a **standard error** of 0.000334953517486132.

The **LBP_u_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.015859413090894, **median** = 0.0156800365075469, **standard deviation** = 0.00510020474028394, **min value** = 0.000600428145844489, **max value** = 0.0416959784924984, which accounts for **range** = 0.0410955503466539. It has a **skewness** of 0.163149546483199, a **kurtosis** of 0.460775705365777, and a **standard error** of 4.46049821851346e-05.

The **LBP_u_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0525999533167124, **median** = 0.0525316316634417, **standard deviation** = 0.0158830360079218, **min value** = 0.00229523680172861, **max value** = 0.118843488395214, which accounts for **range** = 0.116548251593485. It has a **skewness** of -0.0438636390447964, a **kurtosis** of 0.347100175472707, and a **standard error** of 0.00013890864666342.

The **LBP_u_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0267214547944233, **median** = 0.0264712013304233, **standard deviation** = 0.00895188313577944, **min value** = 0.0011341676581651, **max value** = 0.0754910334944725, which accounts for **range** = 0.0743568658363074. It has a **skewness** of 0.175694065200489, a **kurtosis** of 0.333306730991275, and a **standard error** of 7.82906977519924e-05.

The **LBP_u_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.108452417955064, **median** = 0.109294272959232, **standard deviation** = 0.0316310337868609, **min value** = 0.00485582370311022, **max value** = 0.231526836752892, which accounts for **range** = 0.226671013049782. It has a **skewness** of -0.165210923721191, a **kurtosis** of 0.293544170284327, and a **standard error** of 0.000276636286268338.

The **LBP_u_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.130895658307711, **median** = 0.130238436162472, **standard deviation** = 0.0421755780683522, **min value** = 0.00545701058581471, **max value** = 0.312101721763611, which accounts for **range** = 0.306644711177796. It has a **skewness** of 0.045885704838217, a **kurtosis** of 0.221861484349123, and a **standard error** of 0.000368855958571159.

The **LBP_u_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.203224658779145, **median** = 0.205032803118228, **standard deviation** = 0.0570937361095181, **min value** = 0.0087667889893055, **max value** = 0.410891383886337, which accounts for **range** = 0.402124594897032. It has a **skewness** of -0.257109234808493, a **kurtosis** of 0.390196389168957, and a **standard error** of 0.000499326048998192.

The **LBP_u_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0925934460802388, **median** = 0.0925329700112343, **standard deviation** = 0.0288409518430929, **min value** = 0.00358501402661204, **max value** = 0.221865177154541, which accounts for **range** = 0.218280163127929. It has a **skewness** of -0.00231895953843023, a **kurtosis** of 0.273797347476106, and a **standard error** of 0.000252235000097636.

The **LBP_u_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0837895133007513, **median** = 0.0845156759023667, **standard deviation** = 0.0235848840256629, **min value** = 0.00281258067116141, **max value** = 0.182281866669655, which accounts for **range** = 0.179469285998494. It has a **skewness** of -0.226893959421433, a **kurtosis** of 0.396805484529123, and a **standard error** of 0.000206266882482955.

The **LBP_u_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.946054392521473, **median** = 0.949970066547394, **standard deviation** = 0.0296791020553205, **min value** = 0.745603561401367, **max value** = 0.999905467033386, which accounts for **range** = 0.254301905632019. It has a **skewness** of -0.942752311655269, a **kurtosis** of 1.65245839328821, and a **standard error** of 0.000259565230390077.

The **LBP_u_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0789326416144123, **median** = 0.078795313835144, **standard deviation** = 0.0237216101831263, **min value** = 0.0030760271474719, **max value** = 0.180690973997116, which accounts for **range** = 0.177614946849644. It has a **skewness** of -0.0421399237666726, a **kurtosis** of 0.368042546907935, and a **standard error** of 0.000207462651697812.

The **LBP_v_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0133642422137772, **median** = 0.0131595260463655, **standard deviation** = 0.00447630318110477, **min value** = 0.00029566787998192, **max value** = 0.0360651351511478, which accounts for **range** = 0.0357694672711659. It has a **skewness** of 0.238752542942621, a **kurtosis** of 0.423572247068513, and a **standard error** of 3.91485114453118e-05.

The **LBP_v_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0398678077665209, **median** = 0.039848543703556, **standard deviation** = 0.0120452022251514, **min value** = 0.00104237103369087, **max value** = 0.0903077945113182, which accounts for **range** = 0.0892654234776273. It has a **skewness** of -0.0716628084232334, a **kurtosis** of 0.335758921243475, and a **standard error** of 0.000105344012256126.

The **LBP_v_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0344828230345723, **median** = 0.0341680739074946, **standard deviation** = 0.0114095663536286, **min value** = 0.000729503459297121, **max value** = 0.0906264558434486, which accounts for **range** = 0.0898969523841515. It has a **skewness** of 0.126534033671998, a **kurtosis** of 0.246443542376709, and a **standard error** of 9.97849164610955e-05.

The **LBP_v_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.150371970898934, **median** = 0.151144877076149, **standard deviation** = 0.045824994393279, **min value** = 0.00637168111279607, **max value** = 0.329136550426483, which accounts for **range** = 0.322764869313687. It has a **skewness** of -0.122857266033752, a **kurtosis** of 0.146498288426694, and a **standard error** of 0.00040077274592555.

The **LBP_v_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.237822314218097, **median** = 0.237421855330467, **standard deviation** = 0.0776281727489158, **min value** = 0.00725411018356681, **max value** = 0.54460597038269, which accounts for **range** = 0.537351860199123. It has a **skewness** of 0.0276881331433823, a **kurtosis** of 0.0973911544337698, and a

standard error of 0.00067891456105293.

The **LBP_v_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.211045557191173, **median** = 0.210372723639011, **standard deviation** = 0.0644772093902184, **min value** = 0.011184299364686, **max value** = 0.427962630987167, which accounts for **range** = 0.416778331622481. It has a **skewness** of -0.065239407395438, a **kurtosis** of 0.0933479138610411, and a **standard error** of 0.000563899867289989.

The **LBP_v_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0796180482206464, **median** = 0.0797255709767341, **standard deviation** = 0.0255905571933703, **min value** = 0.00370509852655232, **max value** = 0.172481819987297, which accounts for **range** = 0.168776721460745. It has a **skewness** of -0.015624283269233, a **kurtosis** of 0.0764163501345907, and a **standard error** of 0.000223807946120689.

The **LBP_v_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0683217348707337, **median** = 0.0682415403425694, **standard deviation** = 0.020142058607277, **min value** = 0.00307979481294751, **max value** = 0.146849319338799, which accounts for **range** = 0.143769524525851. It has a **skewness** of -0.0878567766807313, a **kurtosis** of 0.315933534797976, and a **standard error** of 0.000176156882144992.

The **LBP_v_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.917583548755516, **median** = 0.925202876329422, **standard deviation** = 0.0484637153169096, **min value** = 0.628752171993256, **max value** = 0.999839842319489, which accounts for **range** = 0.371087670326233. It has a **skewness** of -1.004617068523, a **kurtosis** of 1.63029445606437, and a **standard error** of 0.000423850270414015.

The **LBP_v_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0633399025408673, **median** = 0.0633853934705257, **standard deviation** = 0.0191399516636159, **min value** = 0.00211950647644699, **max value** = 0.151522934436798, which accounts for **range** = 0.149403427960351. It has a **skewness** of -0.0633300977717707, a **kurtosis** of 0.339697738831781, and a **standard error** of 0.000167392731557752.

The **LBP_l_1** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0293985936059374, **median** = 0.0297203958034515, **standard deviation** = 0.00779189336718284, **min value** = 0.00083933852147311, **max value** = 0.0620345734059811, which accounts for **range** = 0.061195234884508. It has a **skewness** of -0.439046293985982, a **kurtosis** of 0.870494197018434, and a **standard error** of 6.81457475788139e-05.

The **LBP_l_2** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0601648907792084, **median** = 0.0609032455831766, **standard deviation** = 0.01462813265328, **min value** = 0.00136024691164494, **max value** = 0.110123693943024, which accounts for **range** = 0.108763447031379. It has a **skewness** of -0.655950596319508, a **kurtosis** of 1.51057753540457, and a **standard error** of 0.000127933608478042.

The **LBP_l_3** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0559738562005248, **median** = 0.0566365364938975, **standard deviation** = 0.0166101564367404, **min value** = 0.00187401368748397, **max value** = 0.120354101061821, which accounts for **range** = 0.118480087374337. It has a **skewness** of -0.251231308086816, a **kurtosis** of 0.217958295873025, and a **standard error** of 0.000145267841132169.

The **LBP_l_4** variable is a numeric variable with the following descriptive statistics: **mean** = 0.186065346576232, **median** = 0.187713406980038, **standard deviation** = 0.0472069775058486, **min value** = 0.00778728164732456, **max value** = 0.328108280897141, which accounts for **range** = 0.320320999249816. It has a **skewness** of -0.535829999343171, a **kurtosis** of 0.897506137503485, and a **standard error** of 0.000412859188579398.

The **LBP_l_5** variable is a numeric variable with the following descriptive statistics: **mean** = 0.304643025312756, **median** = 0.307477533817291, **standard deviation** = 0.0898316960085588, **min value** = 0.0128769166767597, **max value** = 0.5762899518013, which accounts for **range** = 0.56341303512454.

It has a **skewness** of -0.303646149999425, a **kurtosis** of 0.0707496411826321, and a **standard error** of 0.000785643205354755.

The **LBP_1_6** variable is a numeric variable with the following descriptive statistics: **mean** = 0.262079418392096, **median** = 0.266010001301766, **standard deviation** = 0.0550882834278271, **min value** = 0.0118579640984535, **max value** = 0.413748174905777, which accounts for **range** = 0.401890210807323. It has a **skewness** of -1.17216397026741, a **kurtosis** of 3.04377050026868, and a **standard error** of 0.000481786913670268.

The **LBP_1_7** variable is a numeric variable with the following descriptive statistics: **mean** = 0.112402365690921, **median** = 0.114275630563498, **standard deviation** = 0.0260537603248872, **min value** = 0.00375896668992937, **max value** = 0.186689659953117, which accounts for **range** = 0.182930693263188. It has a **skewness** of -0.879595482982412, a **kurtosis** of 1.81790299934361, and a **standard error** of 0.000227858992790682.

The **LBP_1_8** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0900784899815159, **median** = 0.0910901464521885, **standard deviation** = 0.0195113464245155, **min value** = 0.00332371261902153, **max value** = 0.161615341901779, which accounts for **range** = 0.158291629282757. It has a **skewness** of -0.987052668190972, a **kurtosis** of 2.77374717650964, and a **standard error** of 0.000170640847572141.

The **LBP_1_9** variable is a numeric variable with the following descriptive statistics: **mean** = 0.864216965948458, **median** = 0.870428621768952, **standard deviation** = 0.061633338567894, **min value** = 0.596303462982178, **max value** = 0.999797523021698, which accounts for **range** = 0.40349406003952. It has a **skewness** of -0.470319819144425, a **kurtosis** of 0.340377755907372, and a **standard error** of 0.000539028158441779.

The **LBP_1_10** variable is a numeric variable with the following descriptive statistics: **mean** = 0.0965904194253449, **median** = 0.0971185490489006, **standard deviation** = 0.0240874096830046, **min value** = 0.00254546850919724, **max value** = 0.196907296776772, which accounts for **range** = 0.194361828267575. It has a **skewness** of -0.479750384770326, a **kurtosis** of 1.44689497454437, and a **standard error** of 0.000210661833104497.