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1 C:\Users\bitri\Anaconda3\envs\bio\python.exe C:/Users/bitri
  /PycharmProjects/bnn_on_multi_omics/Data_Overview.py
2 annotation
3 shape :(911, 4)
4 with tumor: 864
5 # tumor types: 4
6 # of TCGA-KIRC: 533
7 # of TCGA-KICH: 65
8 # of TCGA-KIRP: 311
9 # of TCGA-SARC: 2
10 -----
11 # of 0-TCGA-KIRC: 24
12 # of 1-TCGA-KIRC: 509
13 # of 1-TCGA-KICH: 65
14 # of 1-TCGA-KIRP: 288
15 # of 0-TCGA-KIRP: 23
16 # of 1-TCGA-SARC: 2
17 Meth
18 shape :(911, 19754)
19 mean per feature0
20 cg11592951      0.008953
21 cg21600563      0.009352
22 cg00815440      0.009387
23 cg26424013      0.009416
24 cg19355685      0.009527
25                ...
26 cg20483763      0.984621
27 cg12888113      0.985118
28 cg15142488      0.985373
29 cg04382920      0.986563
30 cg21270593      0.988018
31 Length: 19753, dtype: float64
32 max per feature0
33 cg19355685      0.015987
34 cg09498379      0.016544
35 cg00815440      0.018054
36 cg16687447      0.018500
37 cg18954434      0.018586
38                ...
39 cg15142488      0.995231
40 cg10107671      0.995355
41 cg03755123      0.995516
42 cg07740640      0.995841
43 cg00176879      0.996137
44 Length: 19753, dtype: float64
45 min per feature0

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46 cg17304878      0.003416
47 cg16050957      0.003498
48 cg01932459      0.003552
49 cg22913584      0.003692
50 cg19355685      0.003693
51      ...
52 cg15357639      0.895853
53 cg05546383      0.900068
54 cg10704923      0.908702
55 cg04382920      0.951844
56 cg10935064      0.955990
57 Length: 19753, dtype: float64
58 C:/Users/bitri/PycharmProjects/bnn_on_multi_omics/
  Data_Overview.py:33: SettingWithCopyWarning:
59 A value is trying to be set on a copy of a slice from a
  DataFrame
60
61 See the caveats in the documentation: https://pandas.pydata
  .org/pandas-docs/stable/user\_guide/indexing.html#returning-
  a-view-versus-a-copy
62   headers["index"]="Composite Element REF"
63 Matrix_miRNA_deseq_correct
64 shape :(911, 1564)
65 mean per feature0
66 hsa-mir-4468      0.000443
67 hsa-mir-422a      0.000448
68 hsa-mir-1268b     0.000448
69 hsa-mir-1587      0.000448
70 hsa-mir-4257      0.000490
71      ...
72 hsa-mir-143       16.906612
73 hsa-mir-22        17.856991
74 hsa-mir-10b       18.505488
75 hsa-mir-30a       19.093769
76 hsa-mir-21        19.223852
77 Length: 1563, dtype: float64
78 max per feature0
79 hsa-mir-4468      0.403536
80 hsa-mir-422a      0.408302
81 hsa-mir-1587      0.408302
82 hsa-mir-1268b     0.408302
83 hsa-mir-4257      0.445998
84      ...
85 hsa-mir-22        20.944679
86 hsa-mir-30a       21.659176
87 hsa-mir-143       21.809030

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88 hsa-mir-21          22.495284
89 hsa-mir-10b        24.162232
90 Length: 1563, dtype: float64
91 min per feature0
92 hsa-mir-4683        0.000000
93 hsa-mir-548aa-1     0.000000
94 hsa-mir-548a-3      0.000000
95 hsa-mir-545         0.000000
96 hsa-mir-544b        0.000000
97 ...
98 hsa-mir-99b         13.368276
99 hsa-mir-10b         13.372351
100 hsa-mir-30e         14.015403
101 hsa-mir-21          15.052234
102 hsa-mir-22          15.792372
103 Length: 1563, dtype: float64
104 C:/Users/bitri/PycharmProjects/bnn_on_multi_omics/
    Data_Overview.py:47: SettingWithCopyWarning:
105 A value is trying to be set on a copy of a slice from a
    DataFrame
106
107 See the caveats in the documentation: https://pandas.
    pydata.org/pandas-docs/stable/user_guide/indexing.html#
    returning-a-view-versus-a-copy
108 headers["index"]="Composite Element REF"
109 Matrix_mRNA_deseq_normalized_prot_coding_correct
110 shape :(911, 19501)
111 mean per feature0
112 USP17L15_ENSG00000223569.4      2.216330
113 CDY1_ENSG00000172288.7          2.216384
114 BPY2_ENSG00000183753.8          2.216385
115 USP17L23_ENSG00000250913.2      2.216403
116 CDY2B_ENSG00000129873.6         2.216415
117 ...
118 MT-CYB_ENSG00000198727.2         18.543946
119 MT-CO2_ENSG00000198712.1         18.567842
120 MT-CO3_ENSG00000198938.2         19.096218
121 MT-ND4_ENSG00000198886.2         19.705903
122 MT-CO1_ENSG00000198804.2         19.984989
123 Length: 19500, dtype: float64
124 max per feature0
125 USP17L15_ENSG00000223569.4      2.726505
126 CDY1_ENSG00000172288.7          2.775413
127 BPY2_ENSG00000183753.8          2.776740
128 DAZ4_ENSG00000205916.9          2.783974
129 USP17L23_ENSG00000250913.2      2.792529

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130                                     ...
131 MT-ND2_ENSG00000198763.3          22.290373
132 MT-ND1_ENSG00000198888.2          22.583924
133 MT-C03_ENSG00000198938.2          23.541107
134 MT-ND4_ENSG00000198886.2          23.680859
135 MT-C01_ENSG00000198804.2          23.849960
136 Length: 19500, dtype: float64
137 min per feature0
138 C2CD6_ENSG00000155754.13          2.215770
139 UGT3A2_ENSG00000168671.8          2.215770
140 KCTD19_ENSG00000168676.9          2.215770
141 LRP1B_ENSG00000168702.15          2.215770
142 WFDC12_ENSG00000168703.5          2.215770
143                                     ...
144 MT-C01_ENSG00000198804.2          14.784210
145 GAPDH_ENSG00000111640.13          14.903738
146 TPT1_ENSG00000133112.15          15.186711
147 EEF1A1_ENSG00000156508.16          15.564513
148 ACTB_ENSG00000075624.12          15.694059
149 Length: 19500, dtype: float64
150
151 Process finished with exit code 0
152
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