

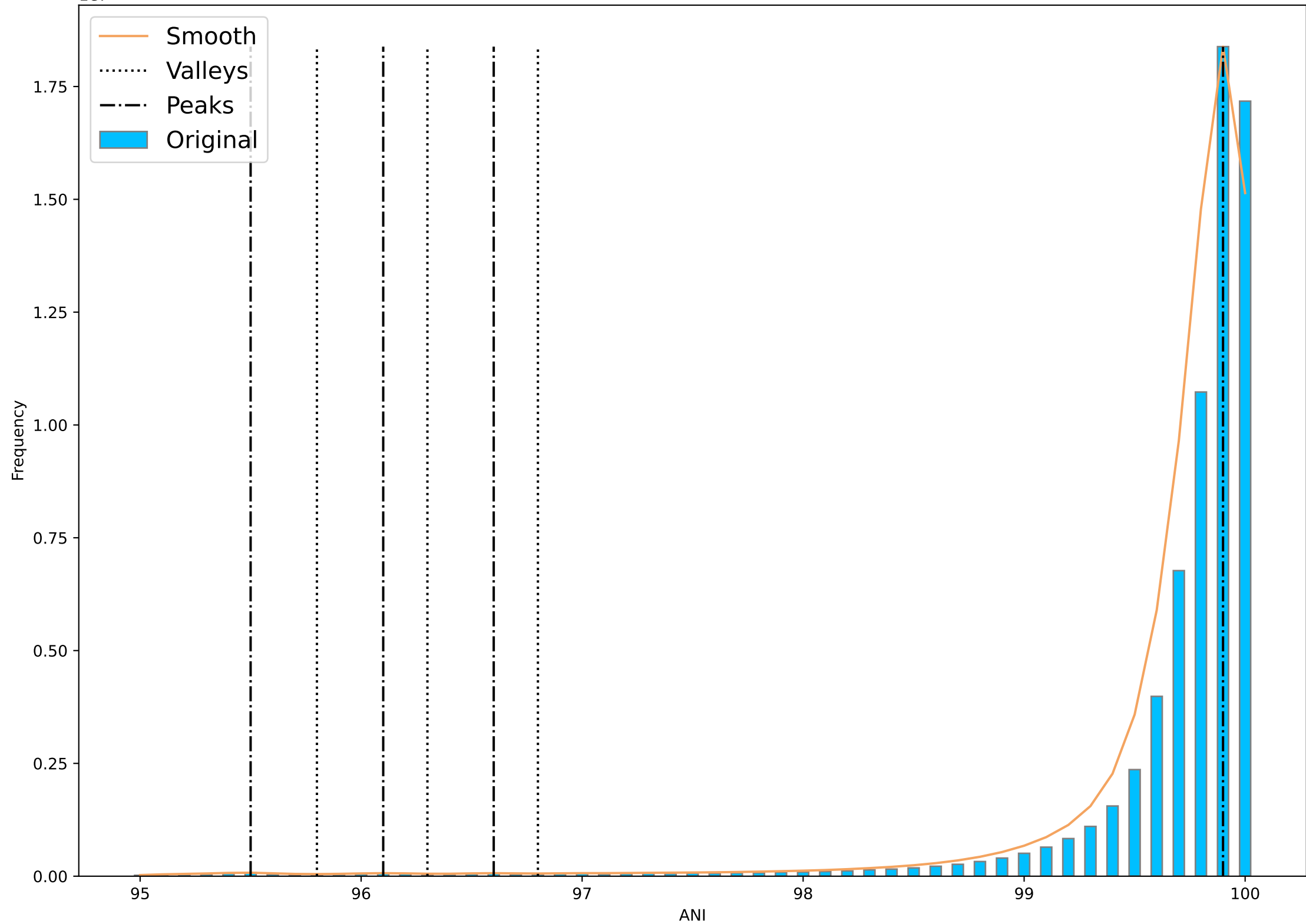
Species_3

Group 2

Norm_test 0.0

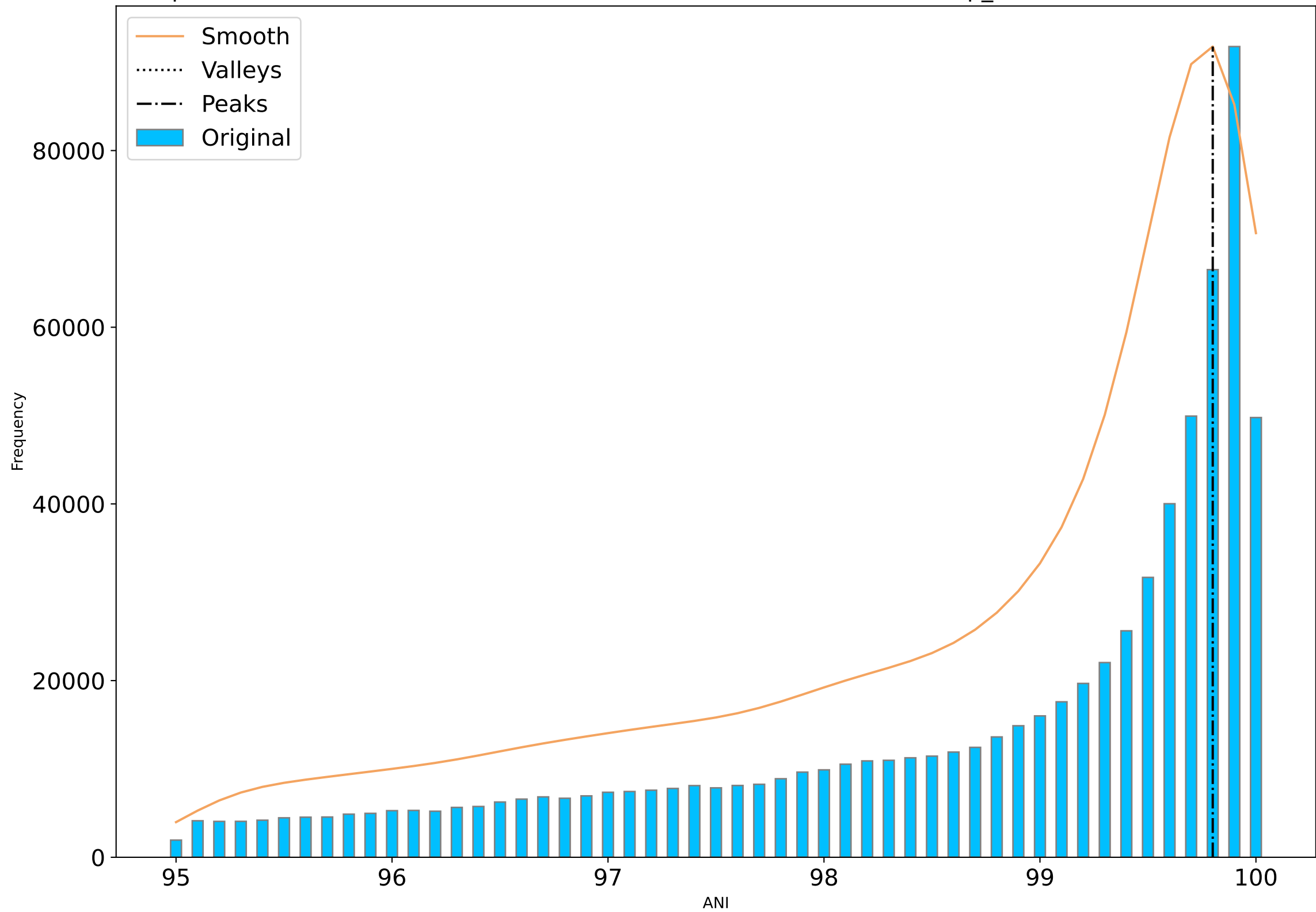
Dip_test 0.0008584392479137337

1e7



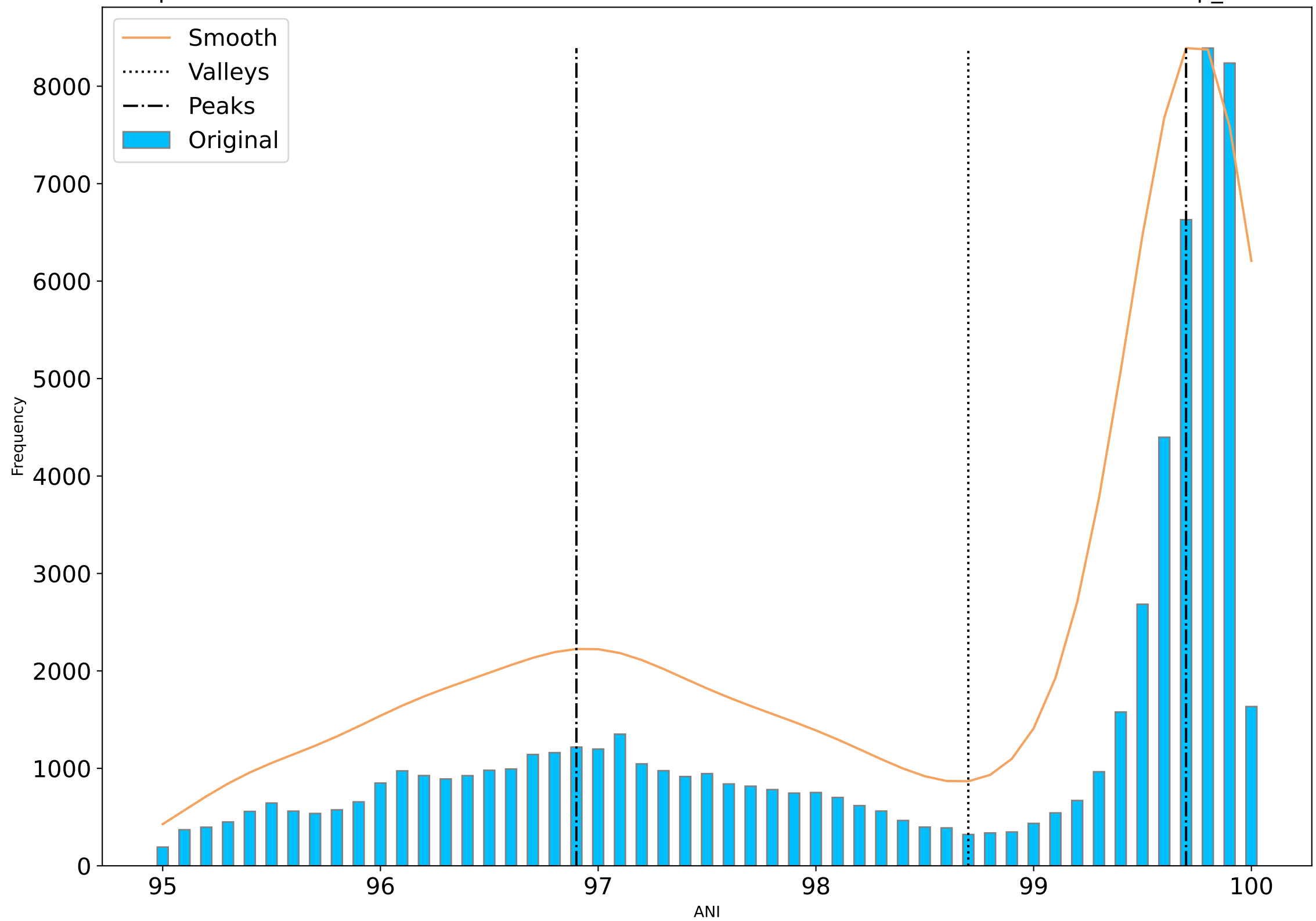
Species_4
Group 3

Norm_test 0.0
Dip_test 0.33034042999116486



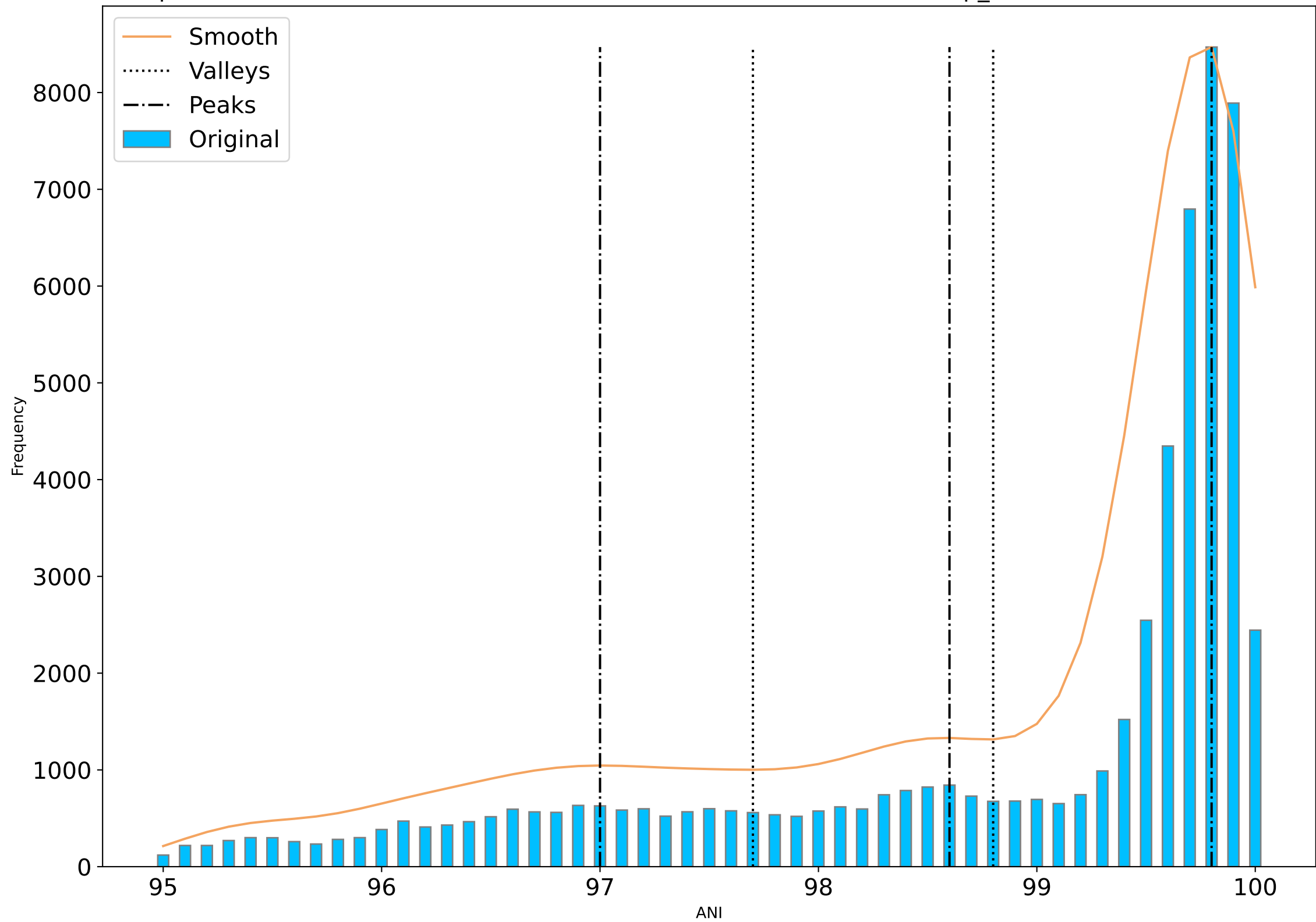
Species_5
Group 3

Norm_test 0.0
Dip_test 0.0



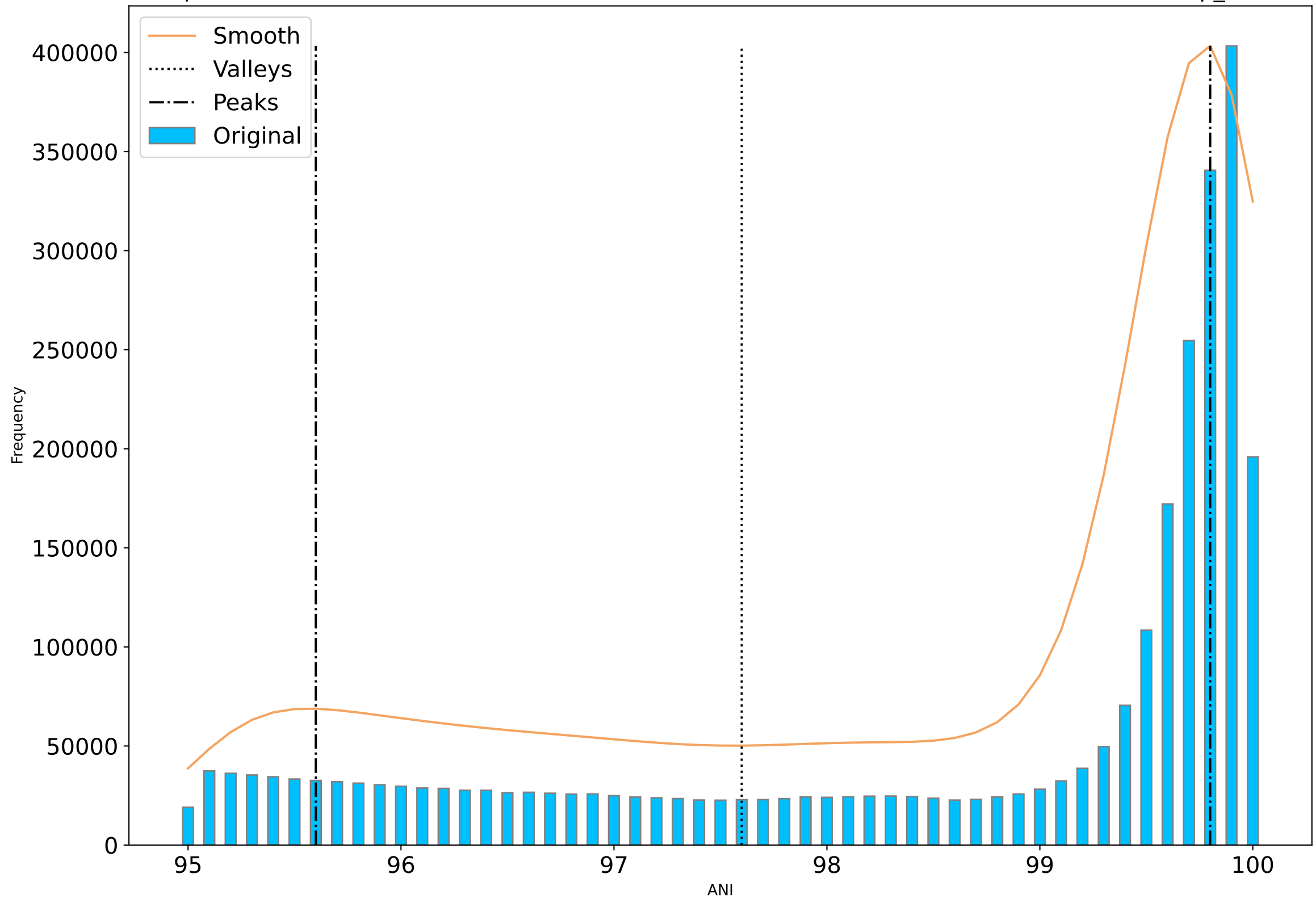
Species_6
Group 3

Norm_test 0.0
Dip_test 0.14817145179173963



Species_8
Group 3

Norm_test 0.0
Dip_test 0.0



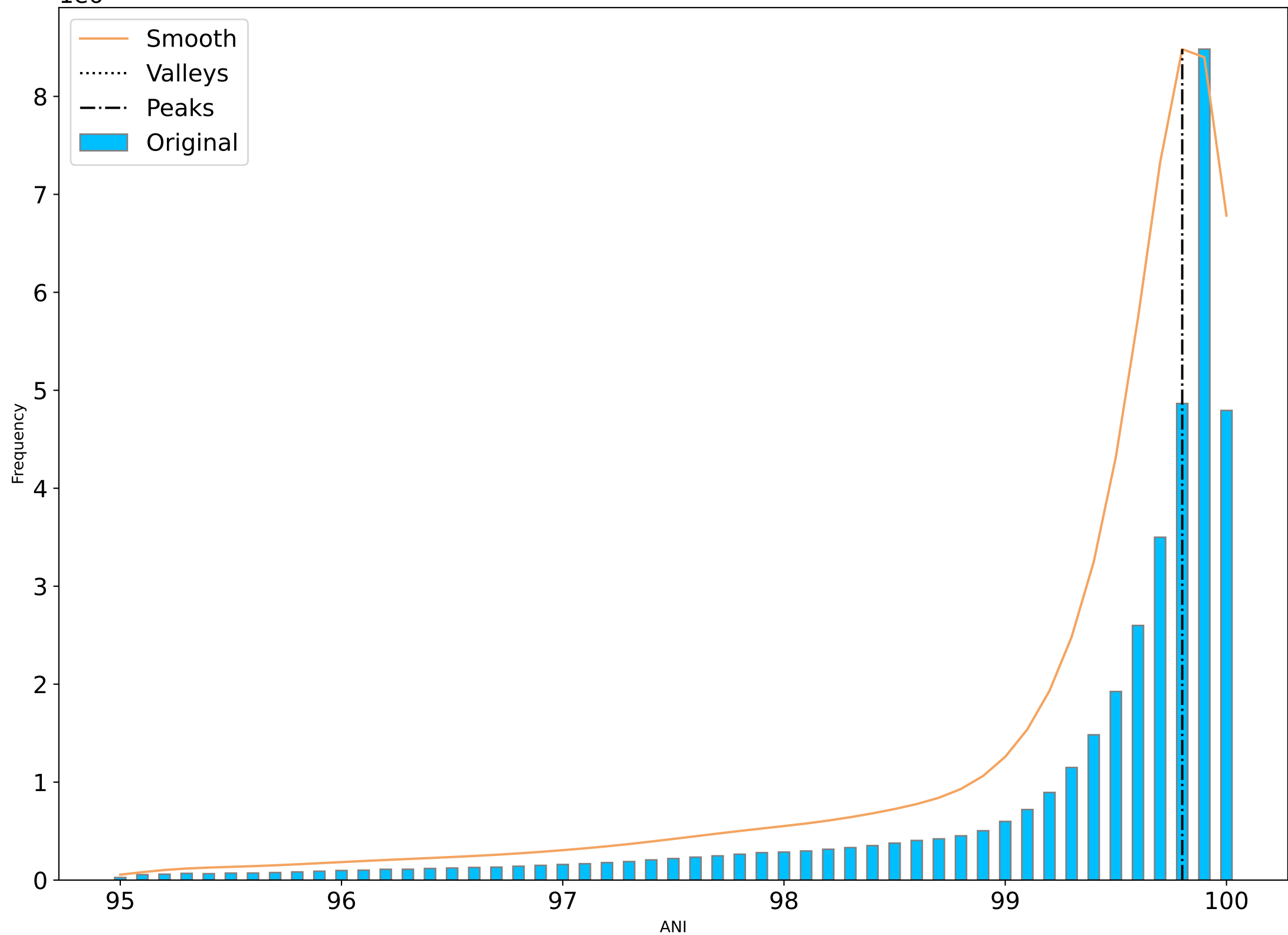
Species_9

Group 3

1e6

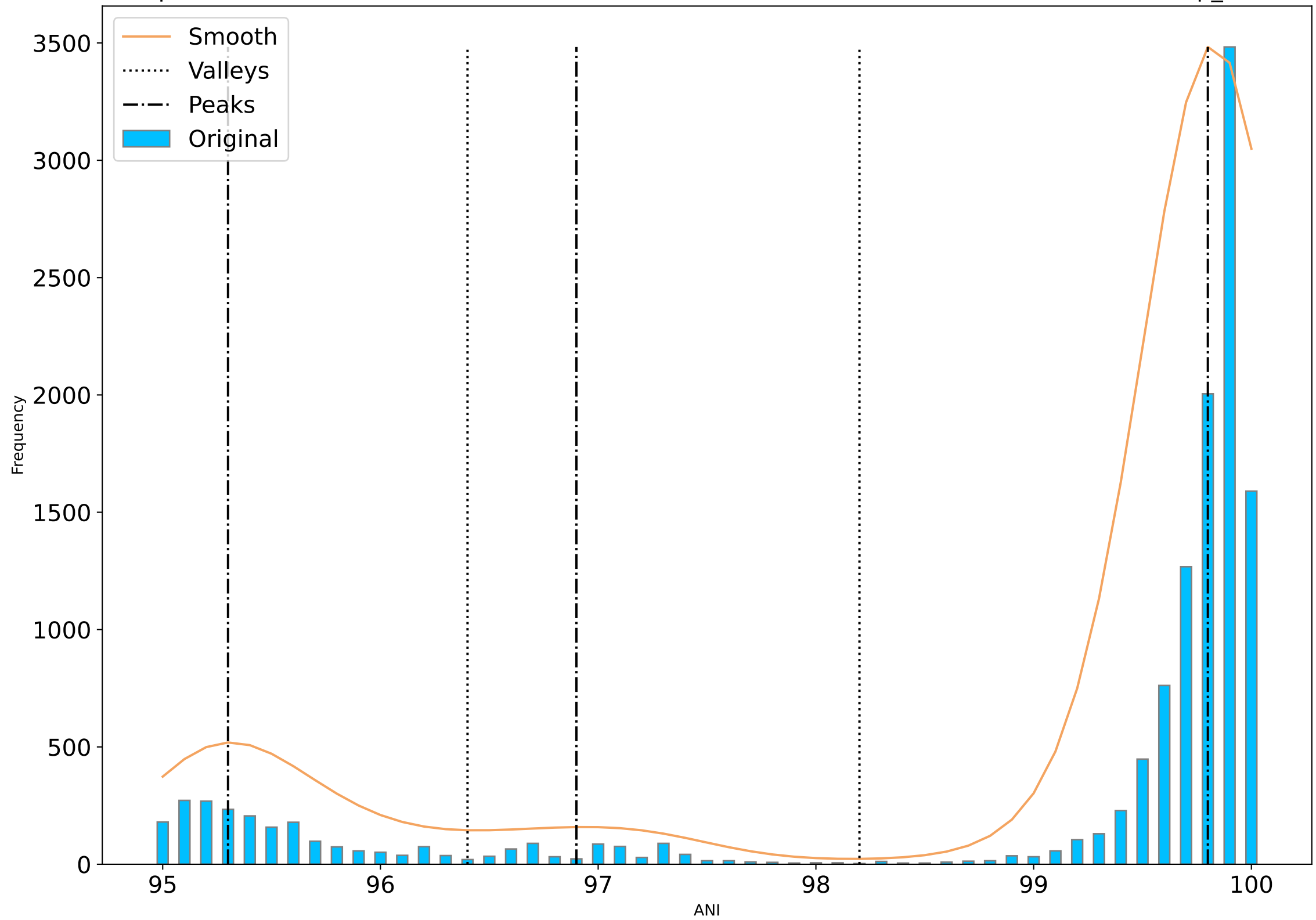
Norm_test 0.0

Dip_test 0.04146410366120368



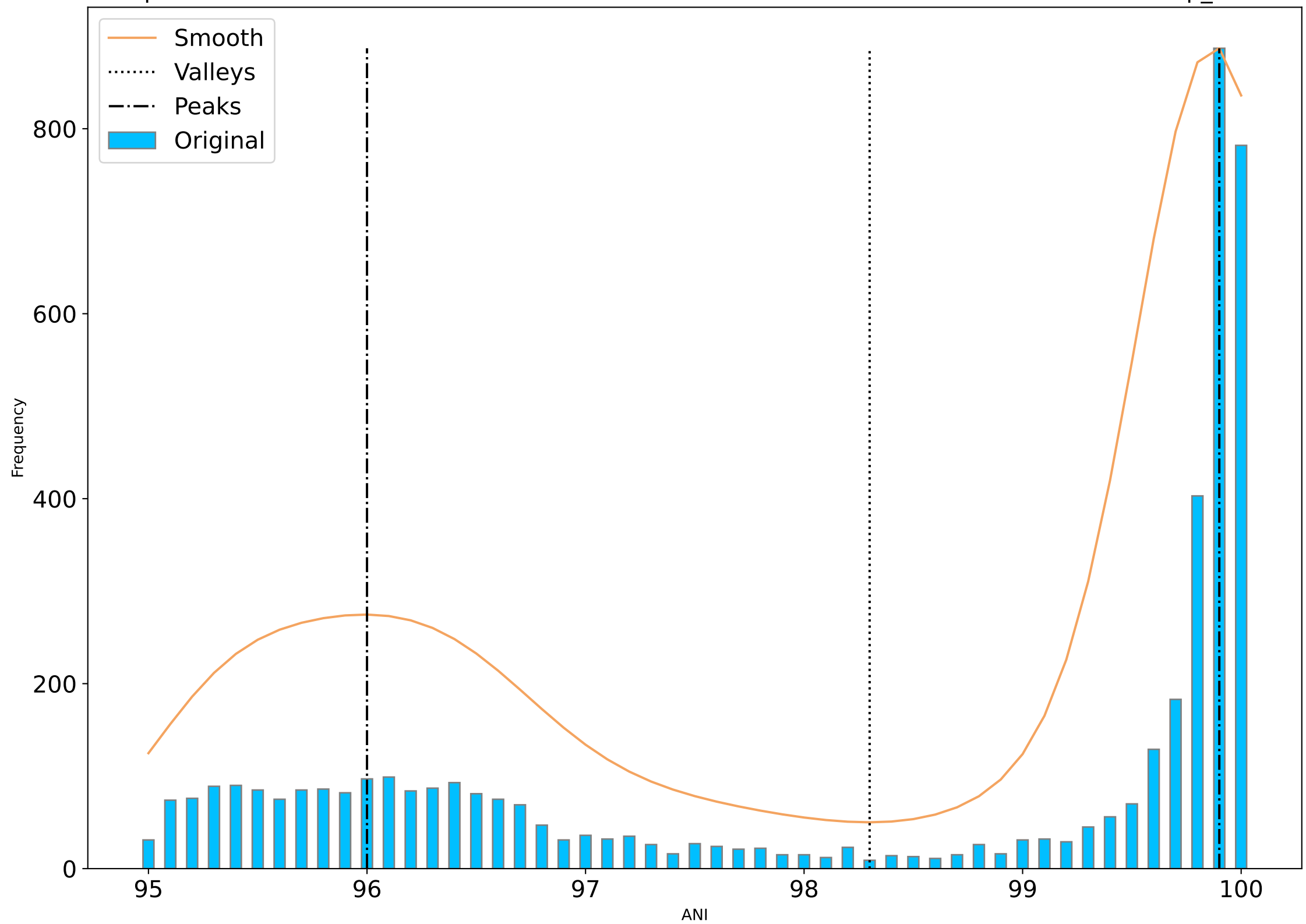
Species_10
Group 3

Norm_test 0.0
Dip_test 0.0



Species_11
Group 3

Norm_test 0.0
Dip_test 0.0

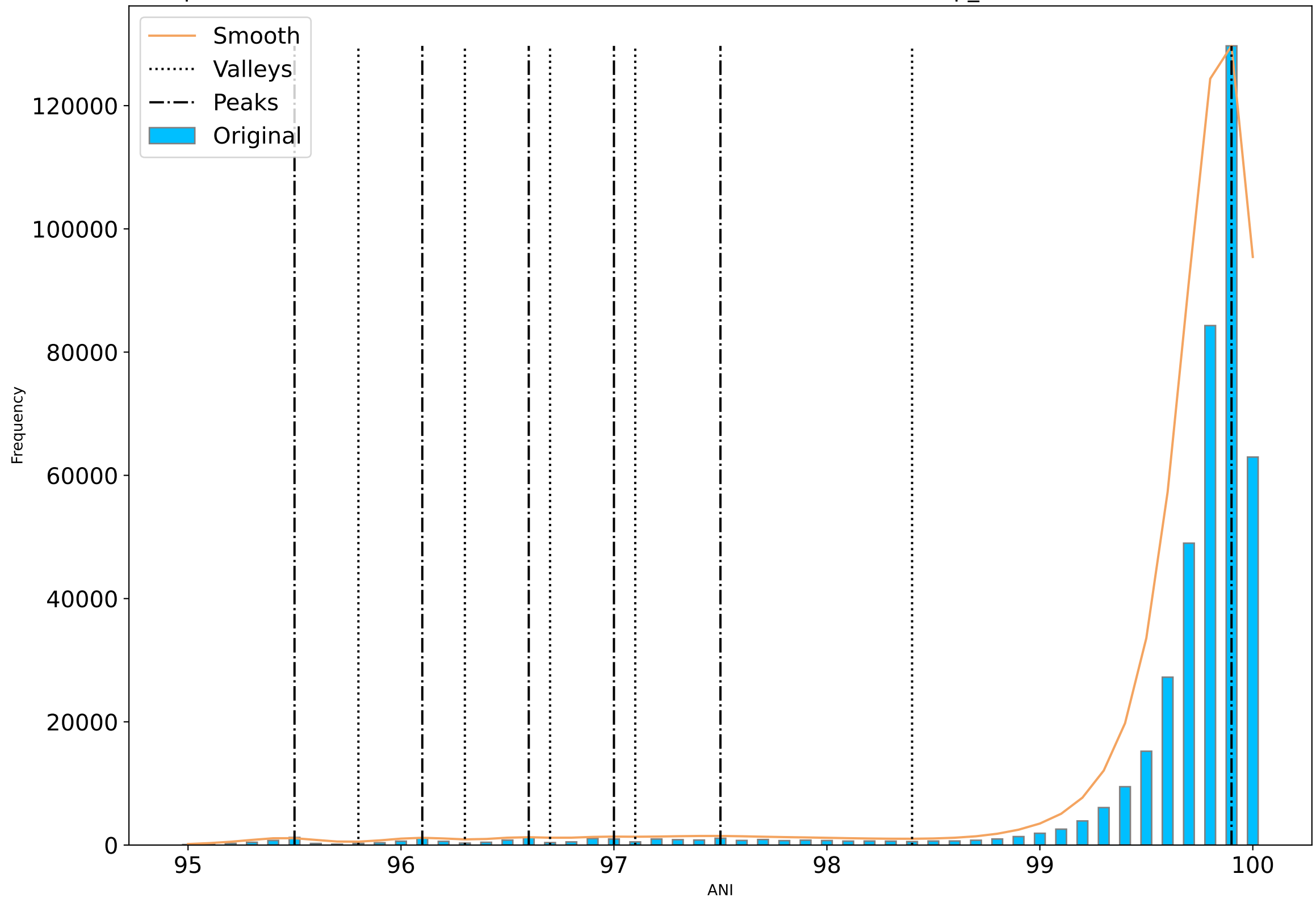


Species_12

Group 2

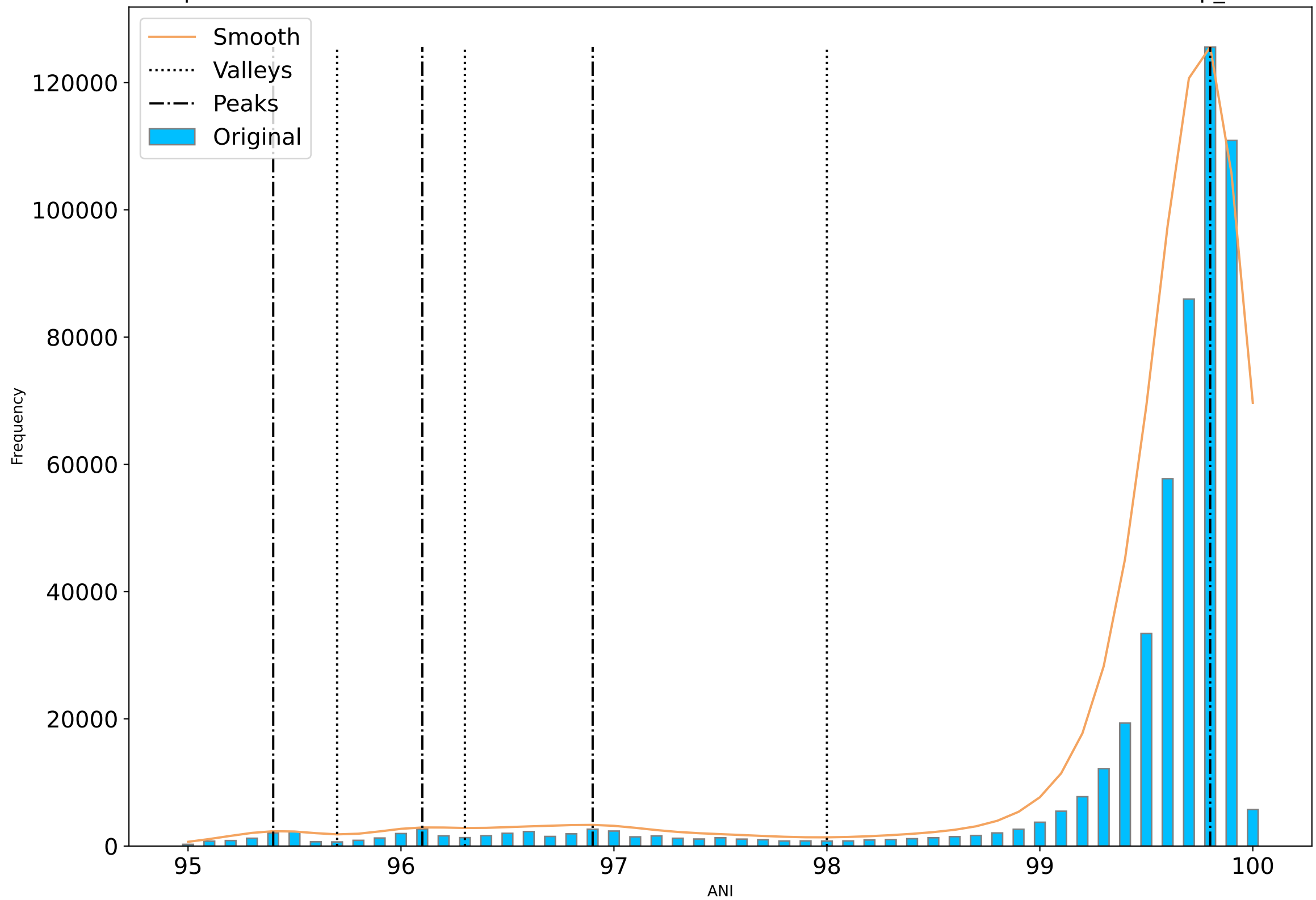
Norm_test 0.0

Dip_test 0.001874643229209716



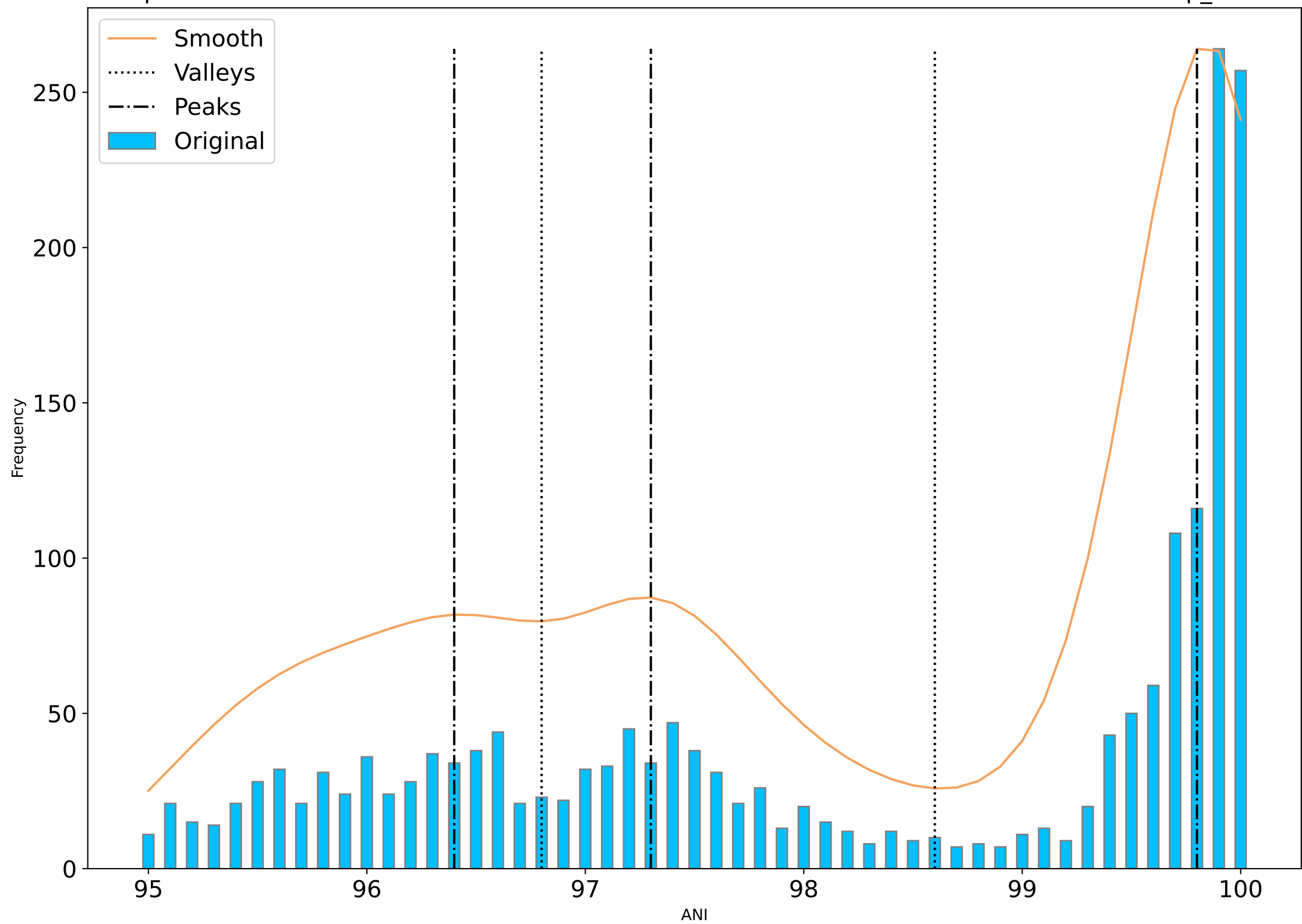
Species_13
Group 3

Norm_test 0.0
Dip_test 0.0



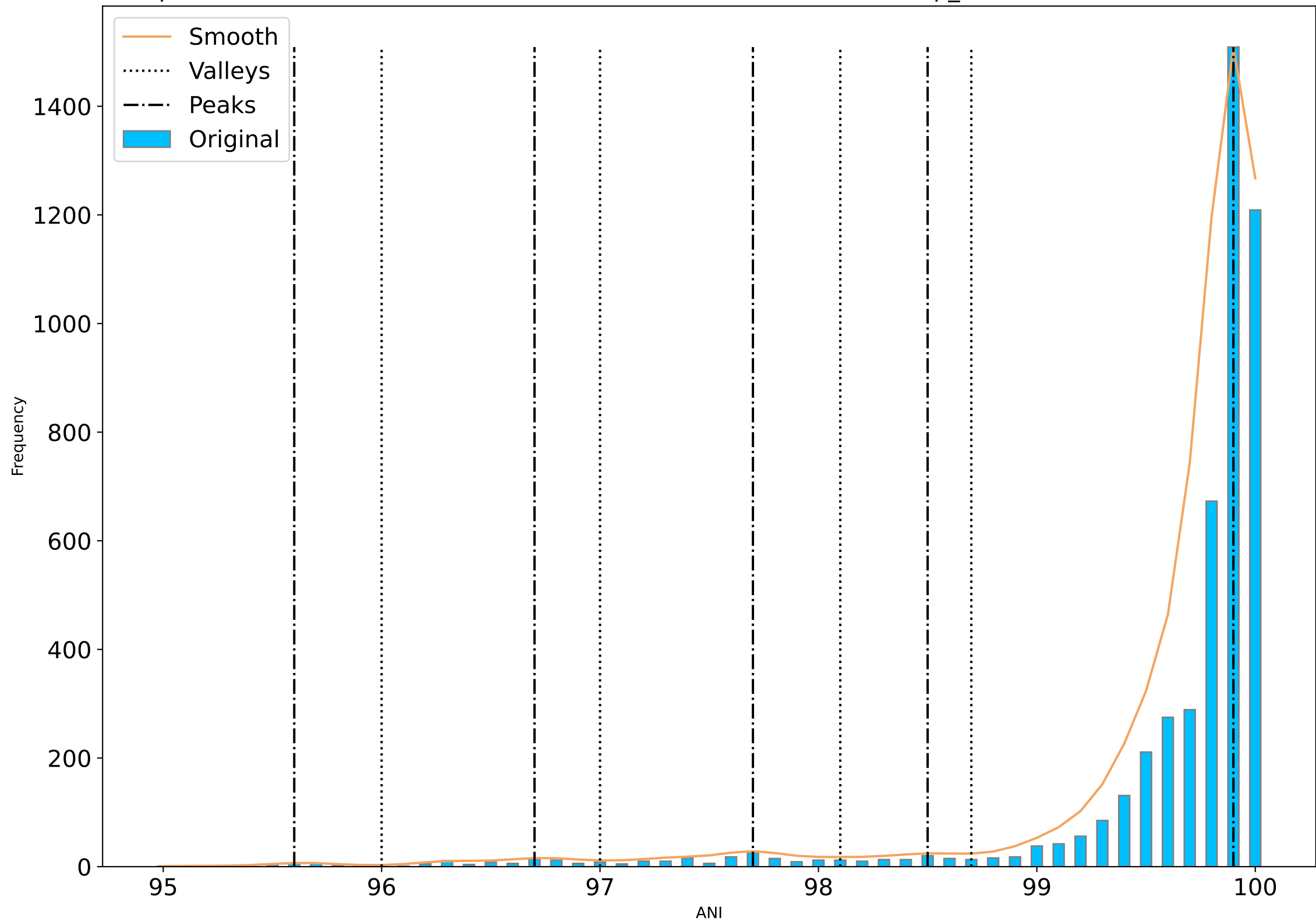
Species_14
Group 3

Norm_test 0.0
Dip_test 0.0



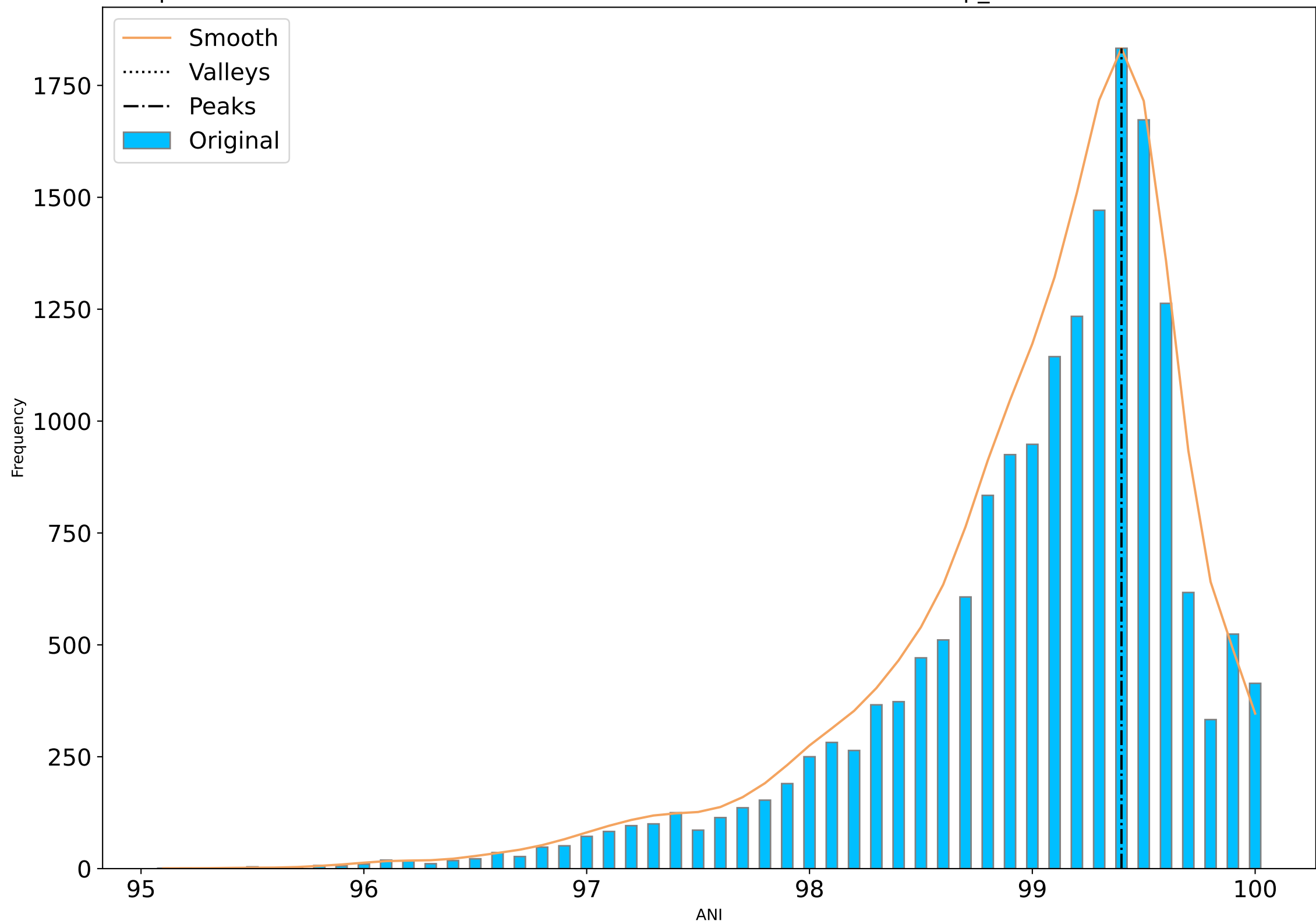
Species_16
Group 2

Norm_test 0.0
Dip_test 0.0012090450089323745



Species_17
Group 4

Norm_test 0.0
Dip_test 0.16420593565398078



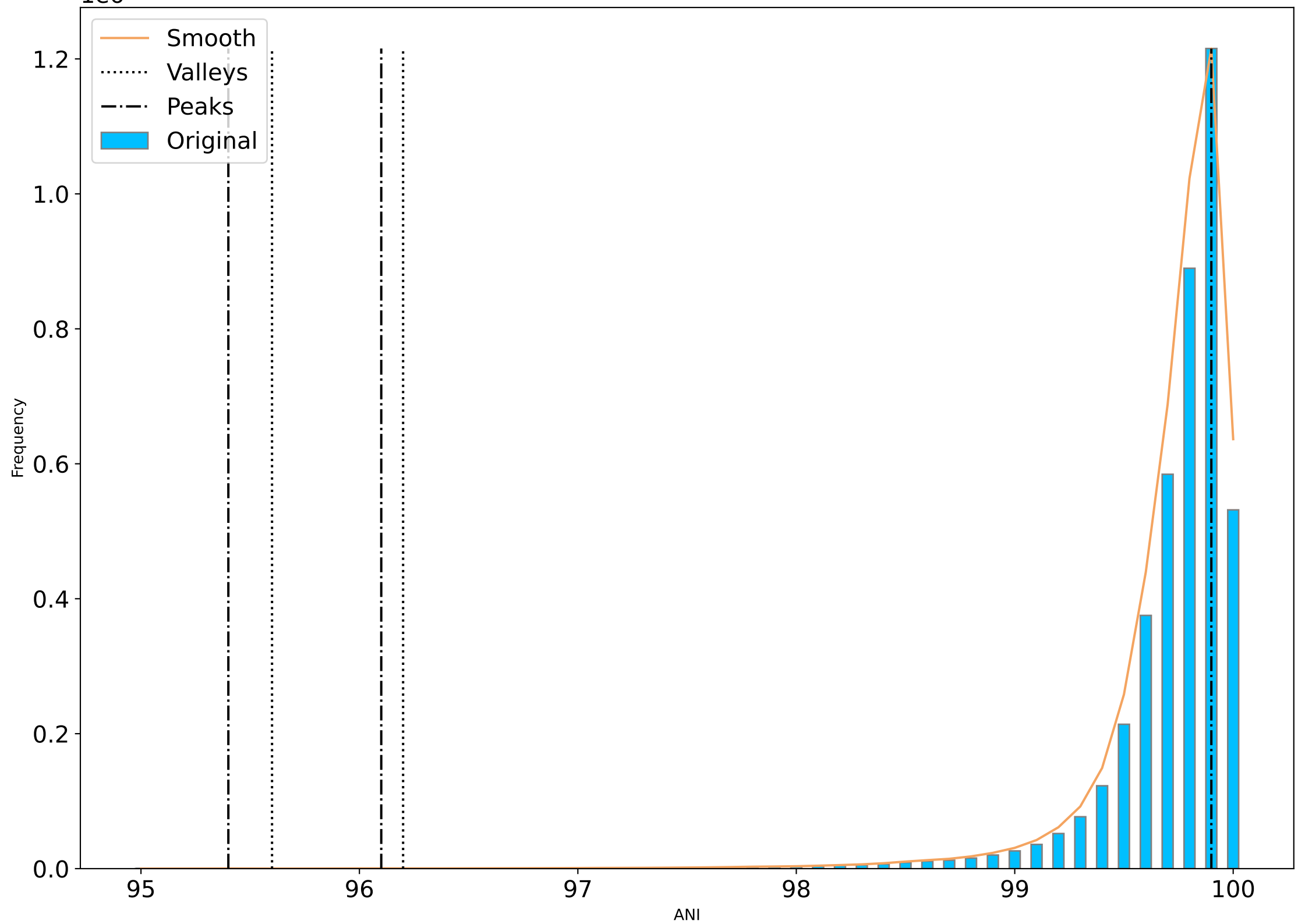
Species_18

Group 2

1e6

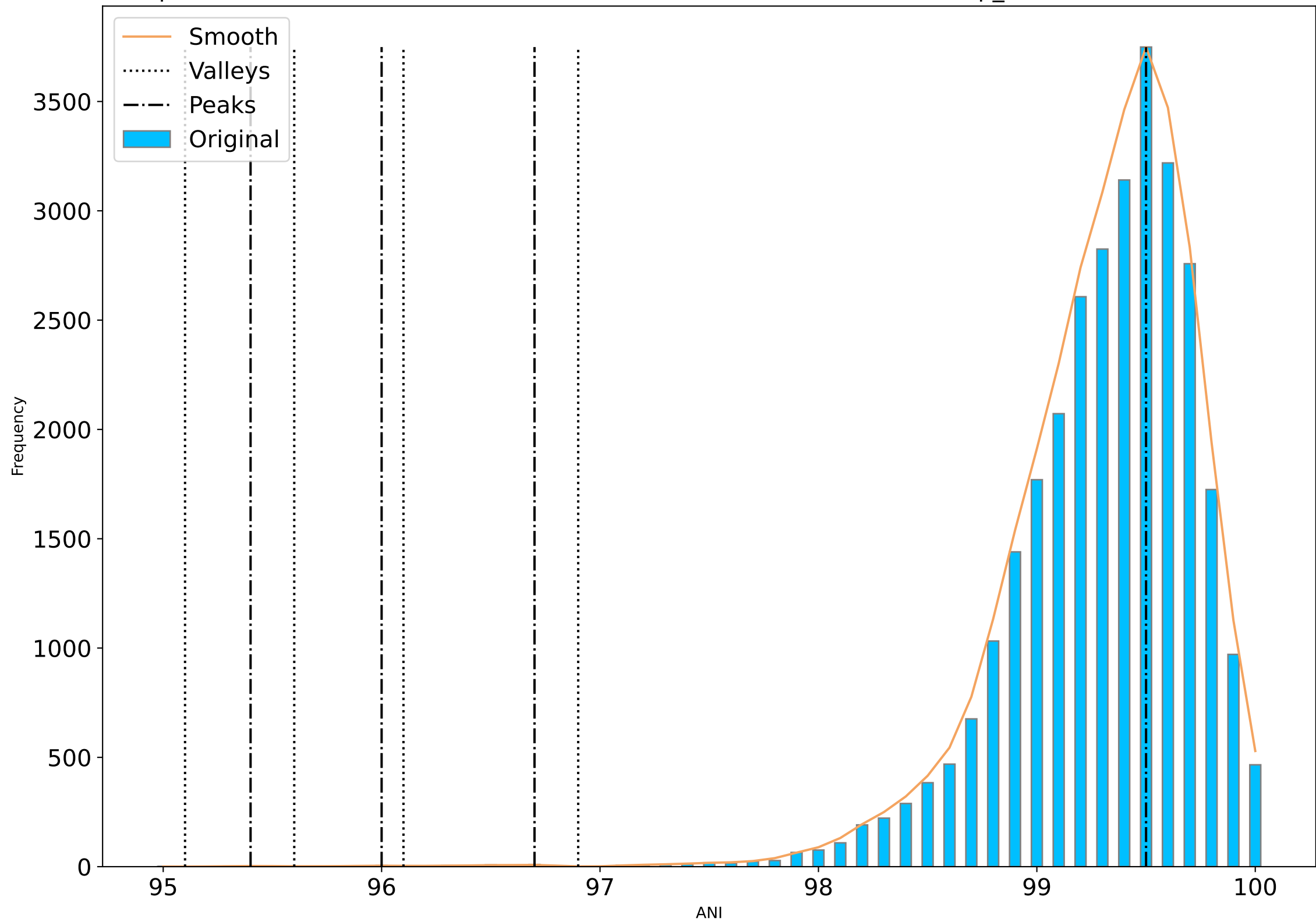
Norm_test 0.0

Dip_test 0.00022455208311056296



Species_19
Group 4

Norm_test 0.0
Dip_test 0.0634646059409566

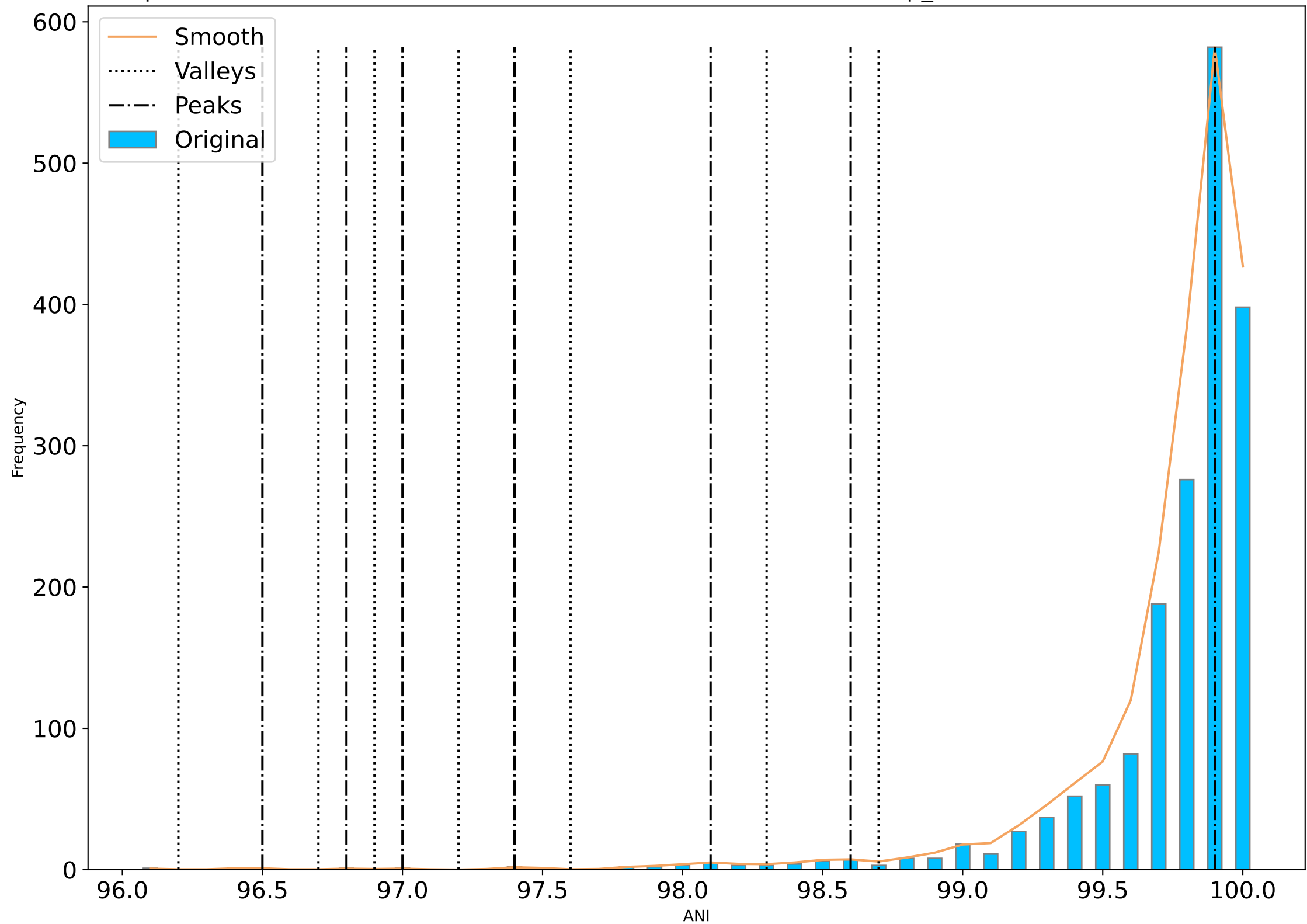


Species_21

Group 2

Norm_test 0.0

Dip_test 0.00010531644580724642



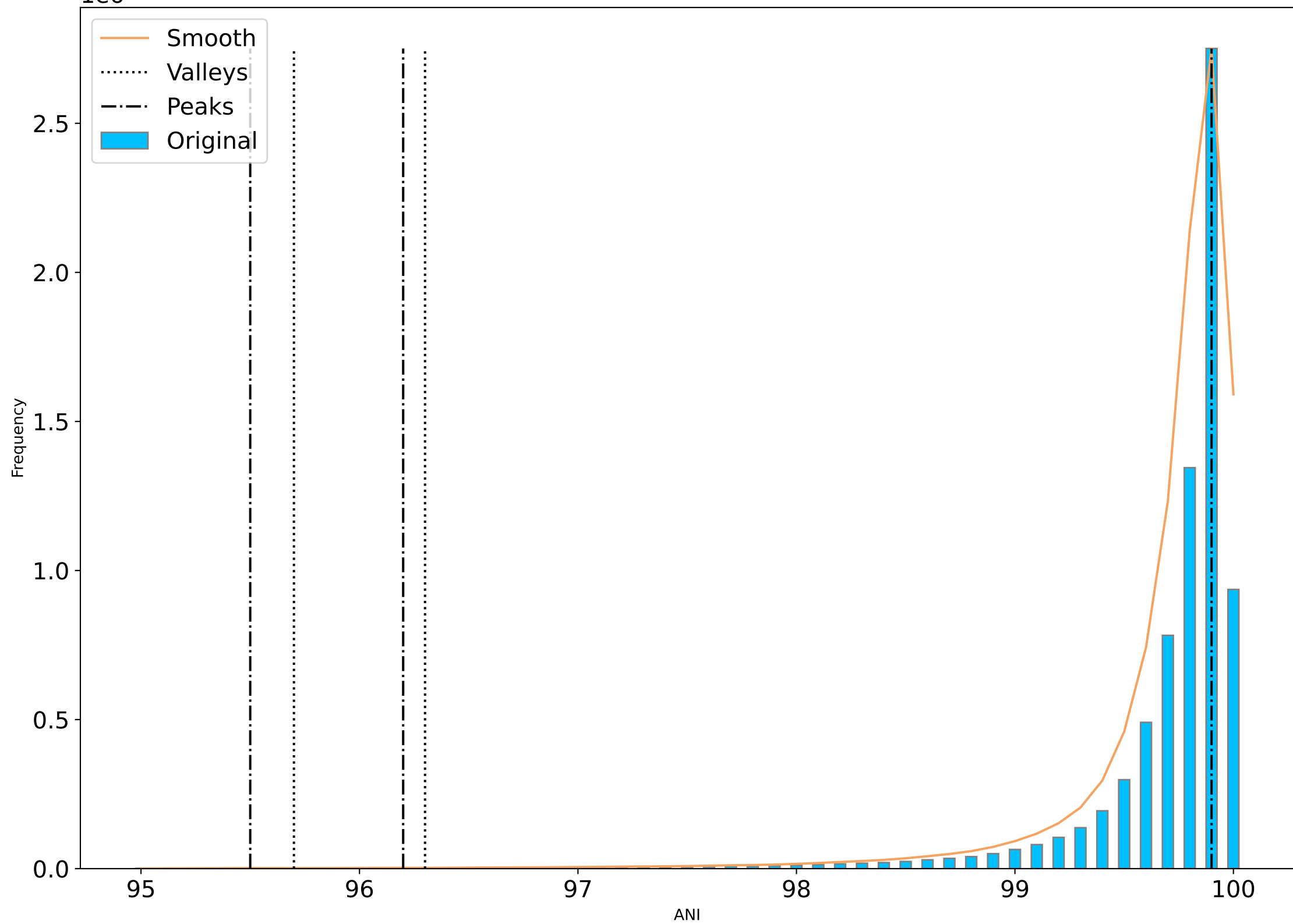
Species_22

Group 2

1e6

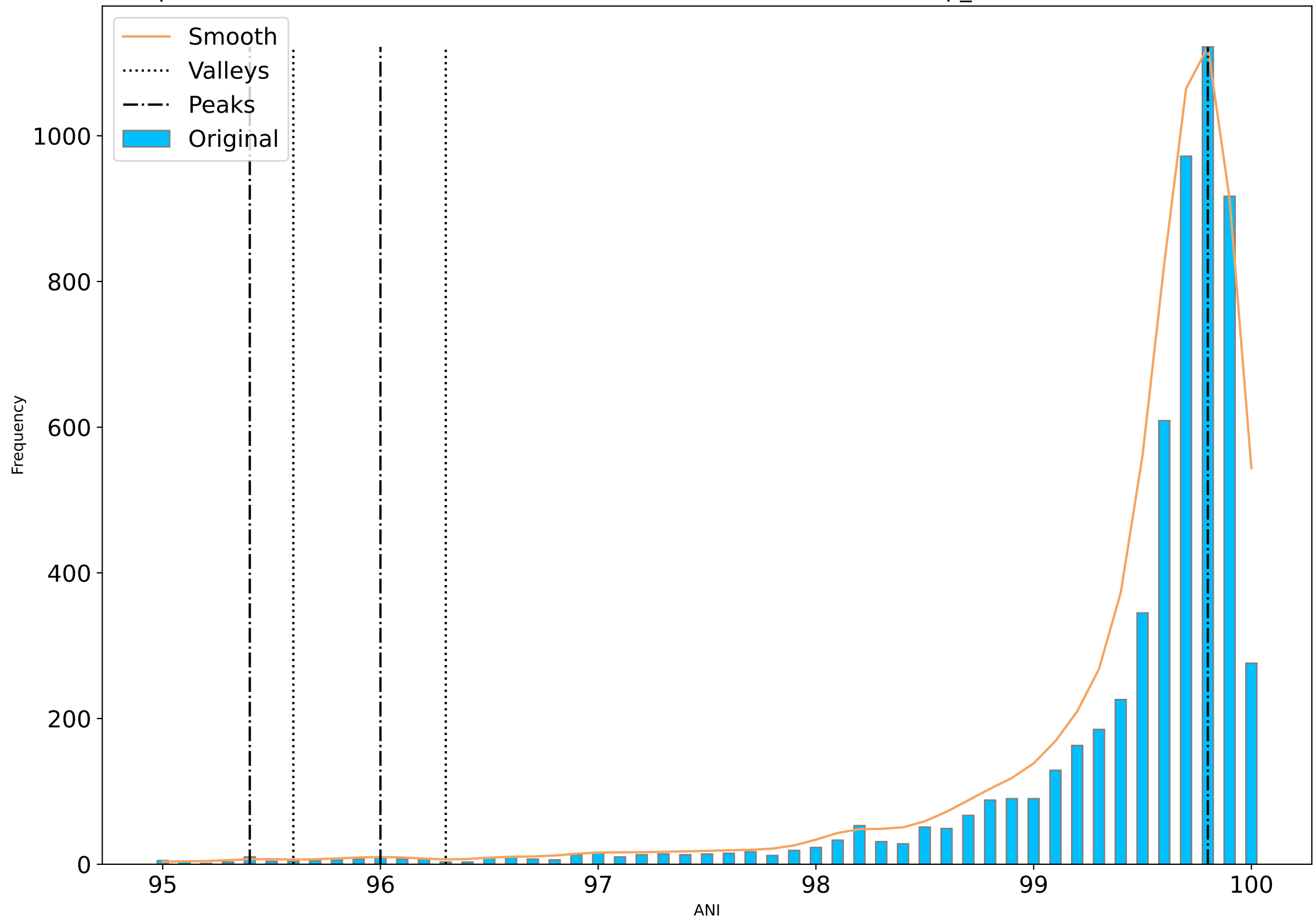
Norm_test 0.0

Dip_test 0.00016754208339908594



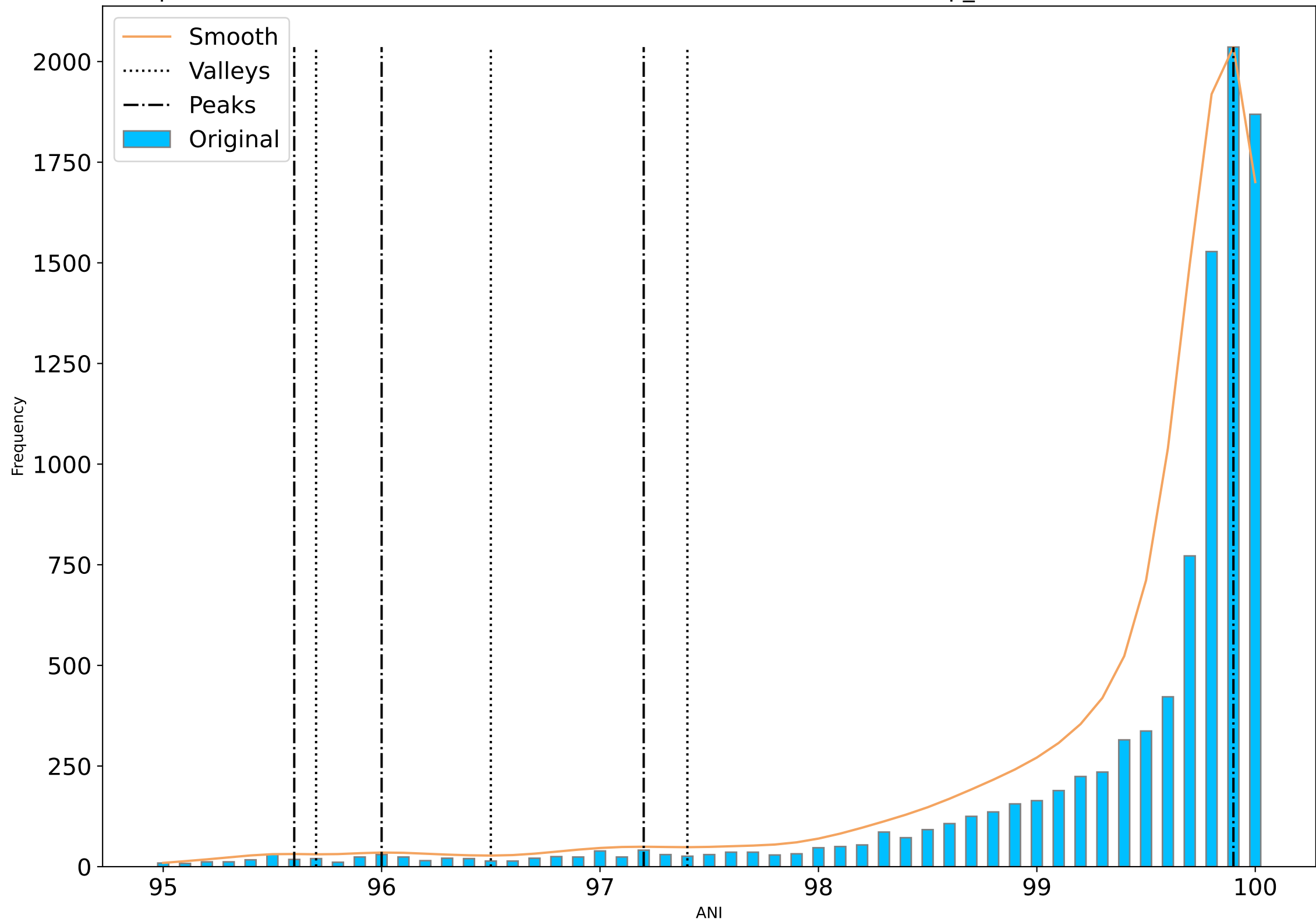
Species_23
Group 3

Norm_test 0.0
Dip_test 0.013127021121618232



Species_24
Group 3

Norm_test 0.0
Dip_test 0.017175316238893346

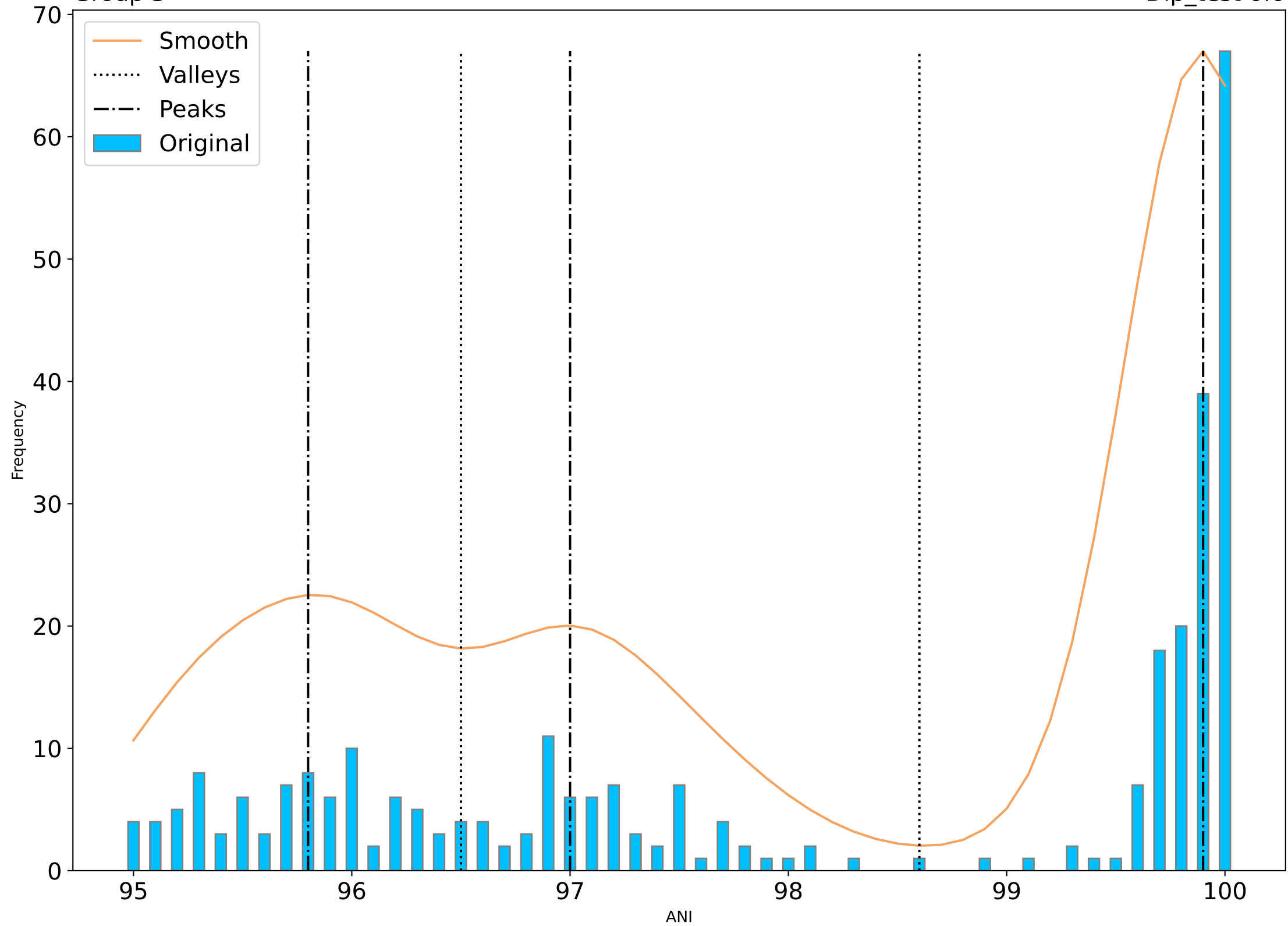


Species_25

Group 3

Norm_test 0.0

Dip_test 0.0

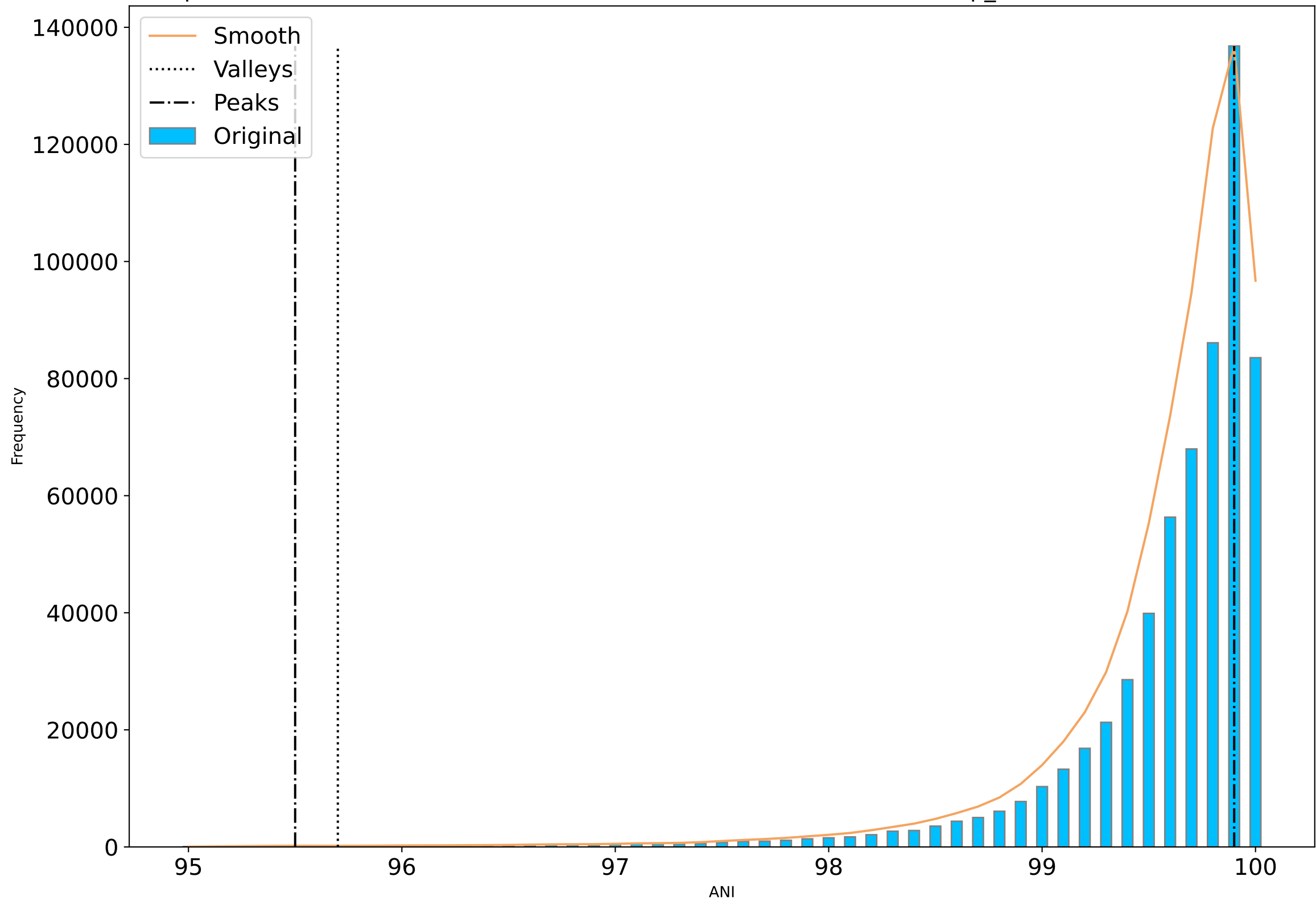


Species_26

Norm_test 0.0

Group 2

Dip_test 0.00610428399091012

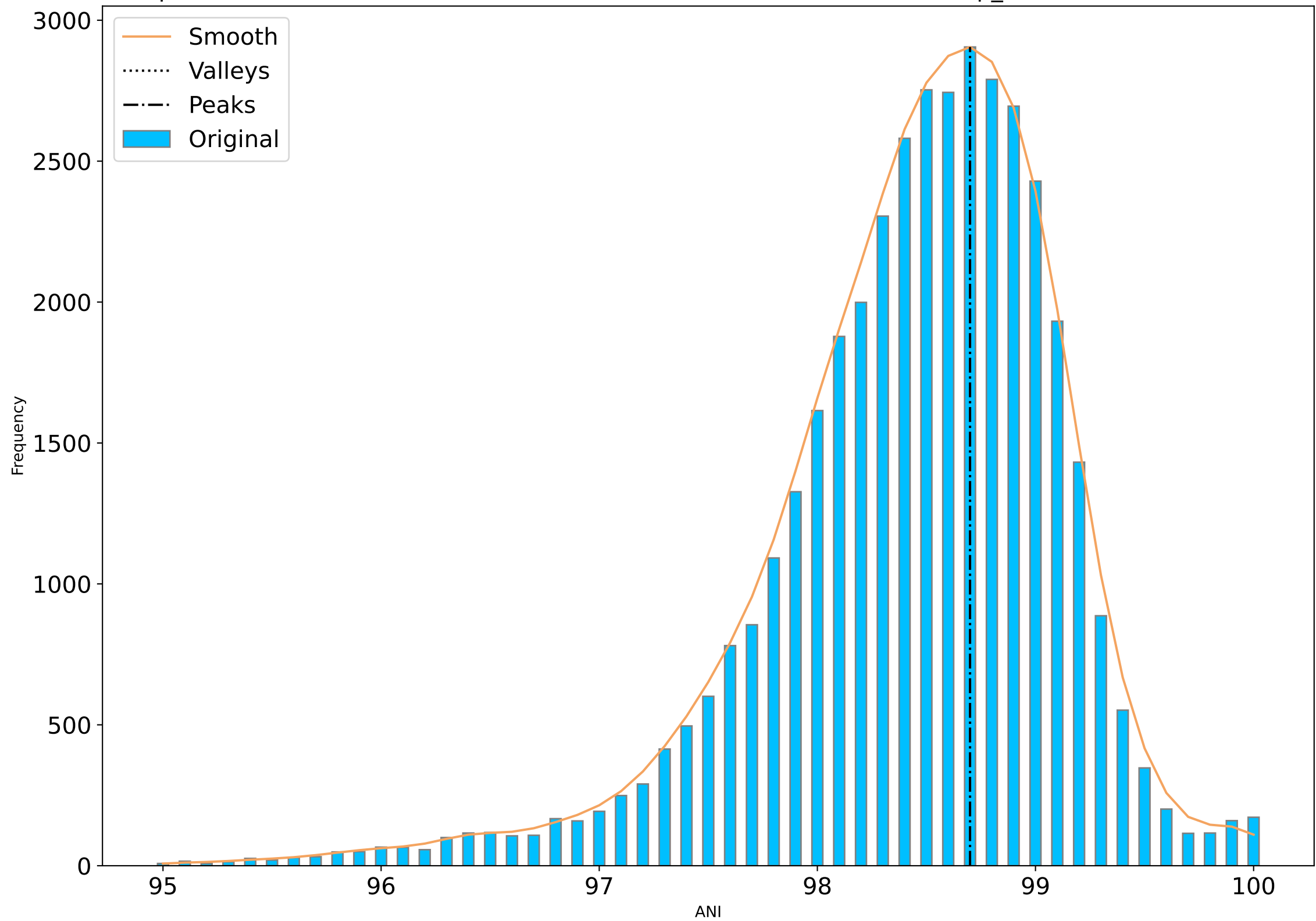


Species_27

Group 3

Norm_test 0.0

Dip_test 0.3282274022331686

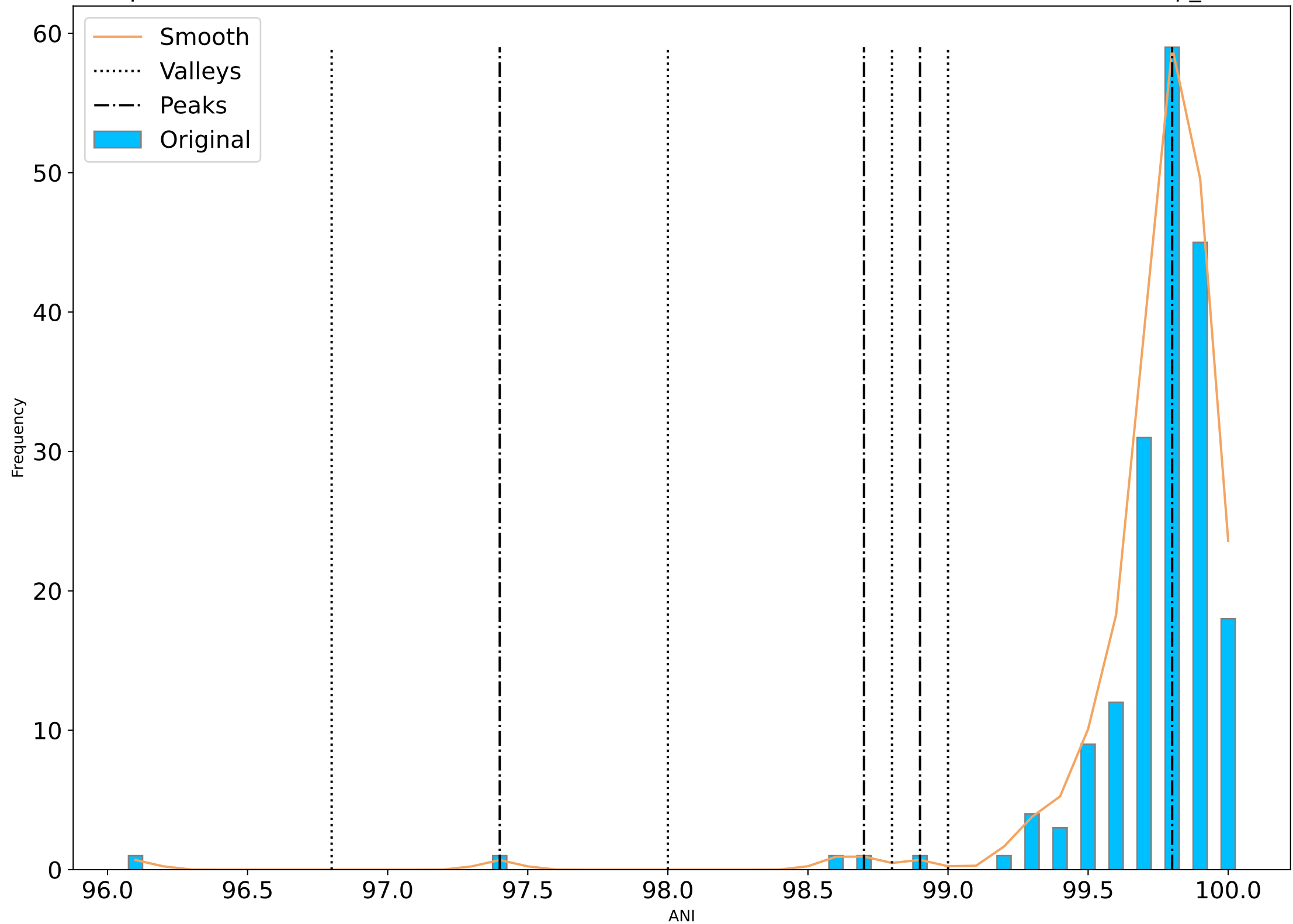


Species_28

Group 2

Norm_test 2.3578330227863955e-59

Dip_test 0.0

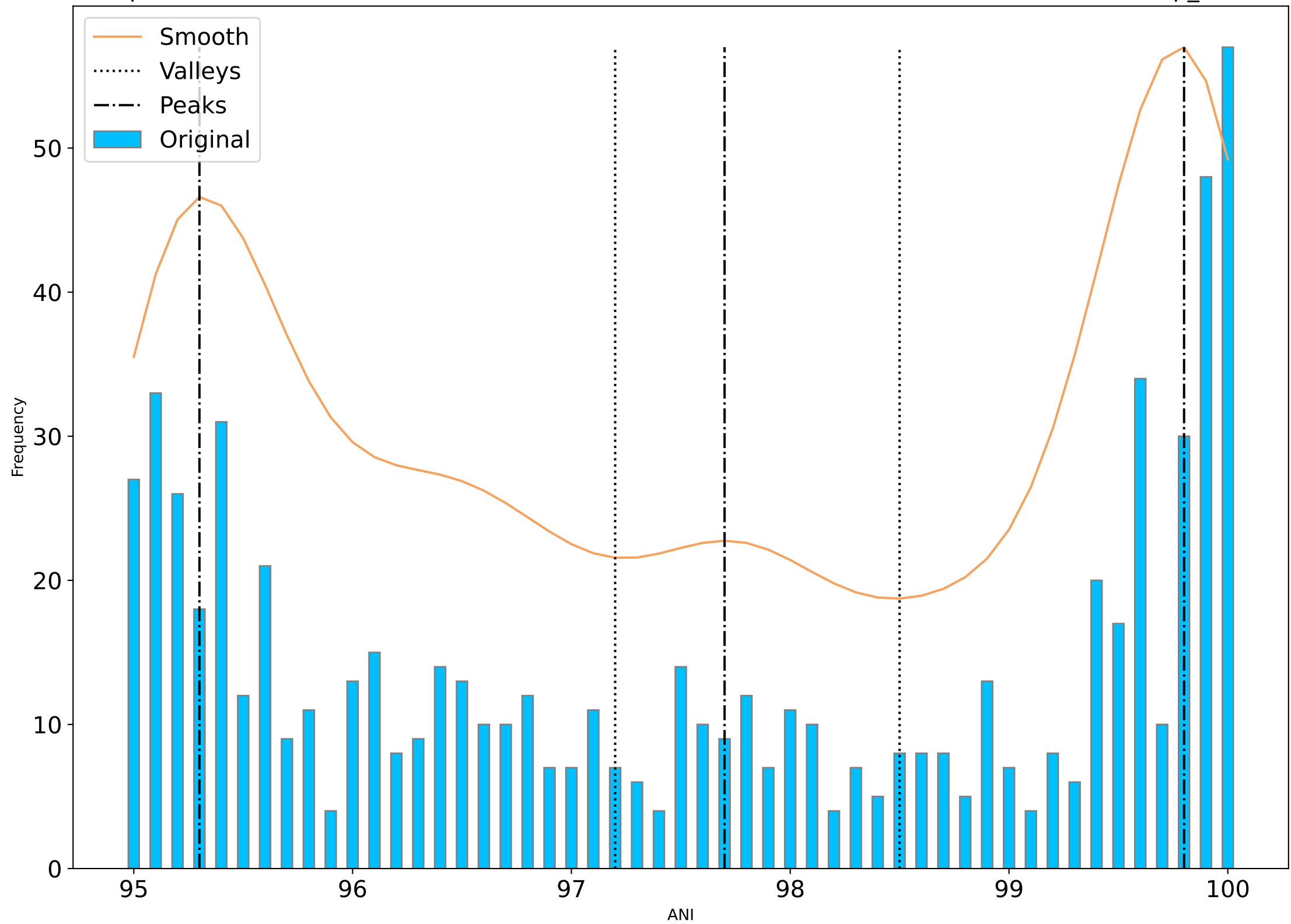


Species_30

Group 3

Norm_test 0.0

Dip_test 0.0

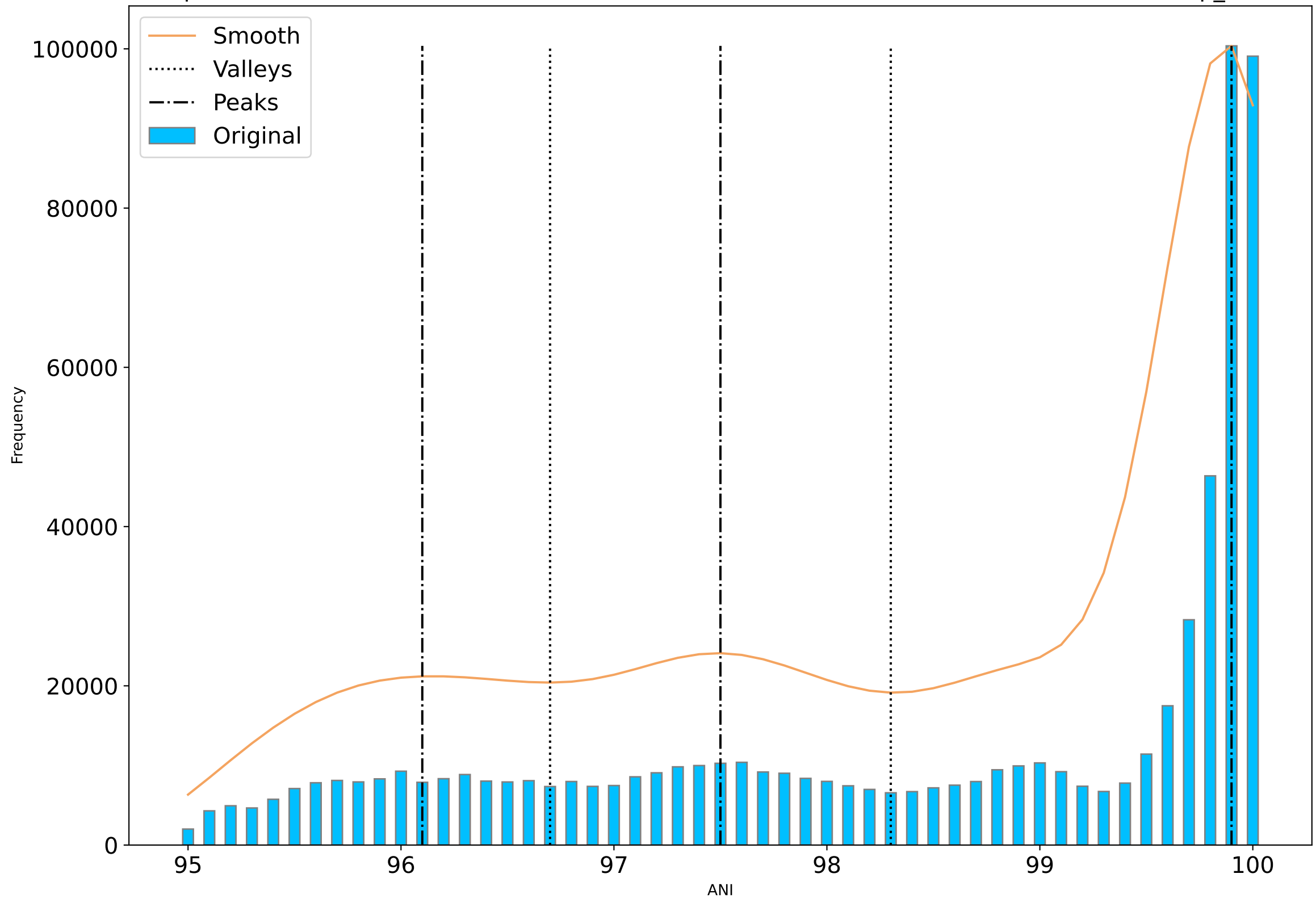


Species_31

Group 3

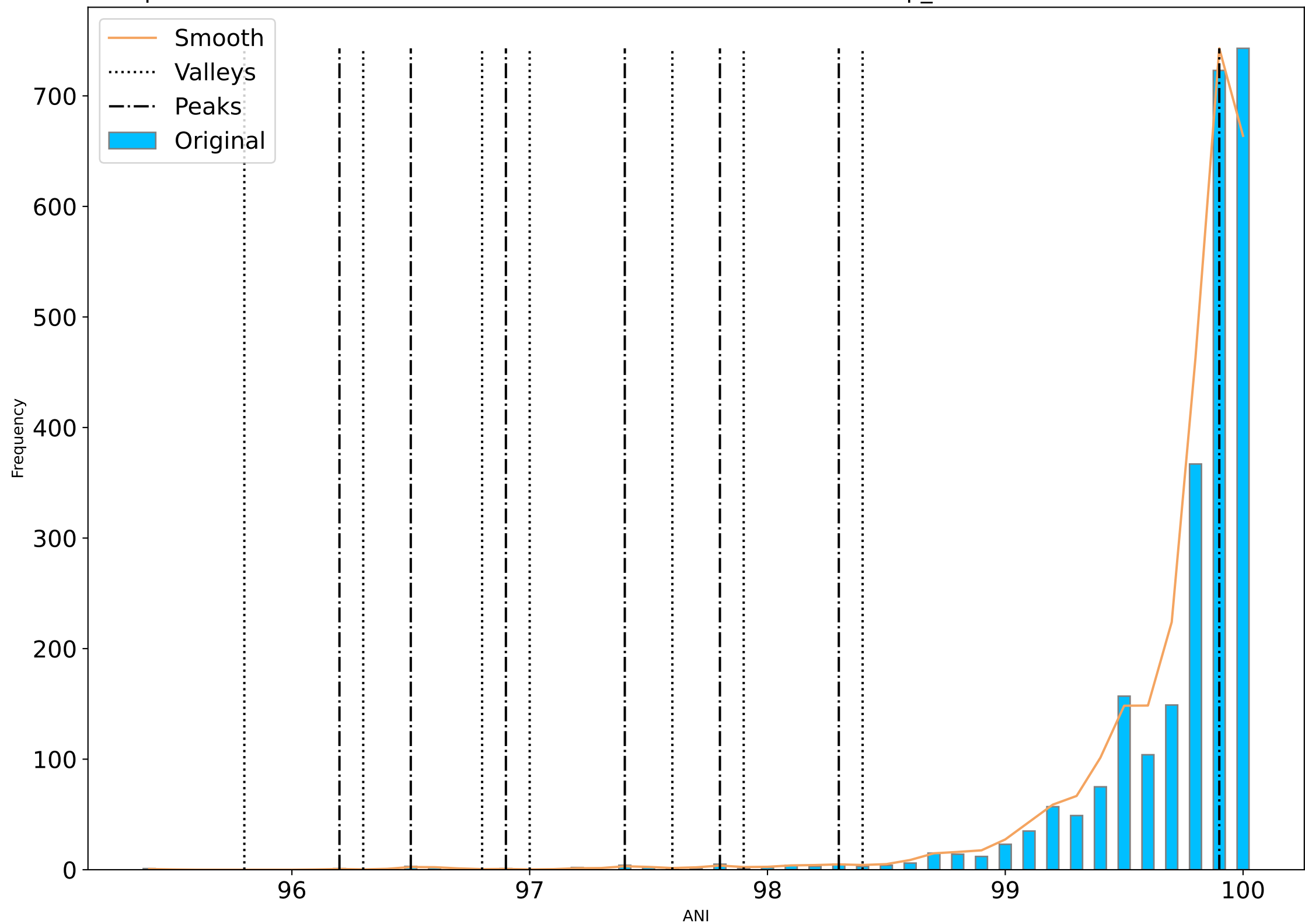
Norm_test 0.0

Dip_test 0.0



Species_32
Group 2

Norm_test 0.0
Dip_test 0.00015503398846294925

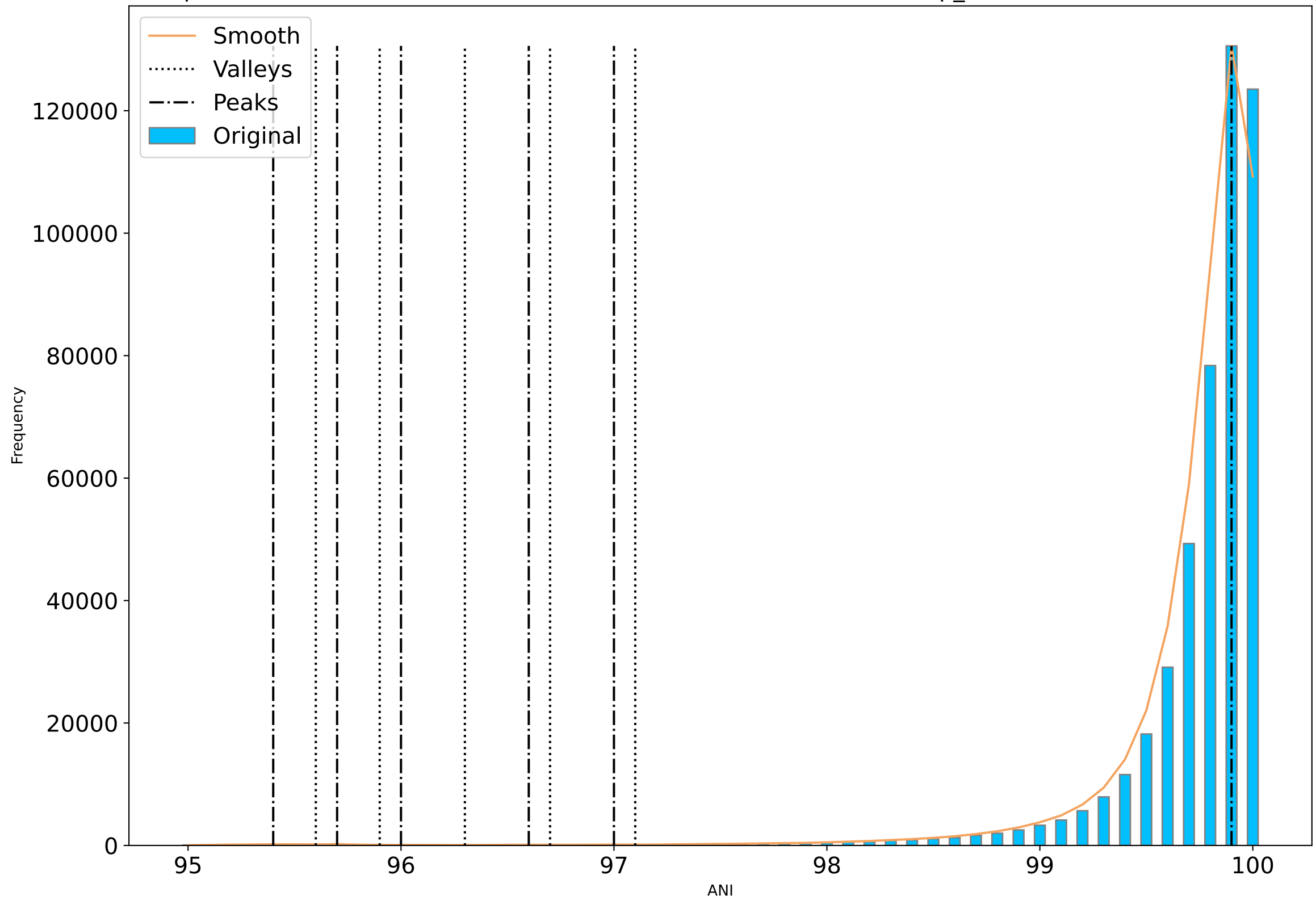


Species_33

Group 2

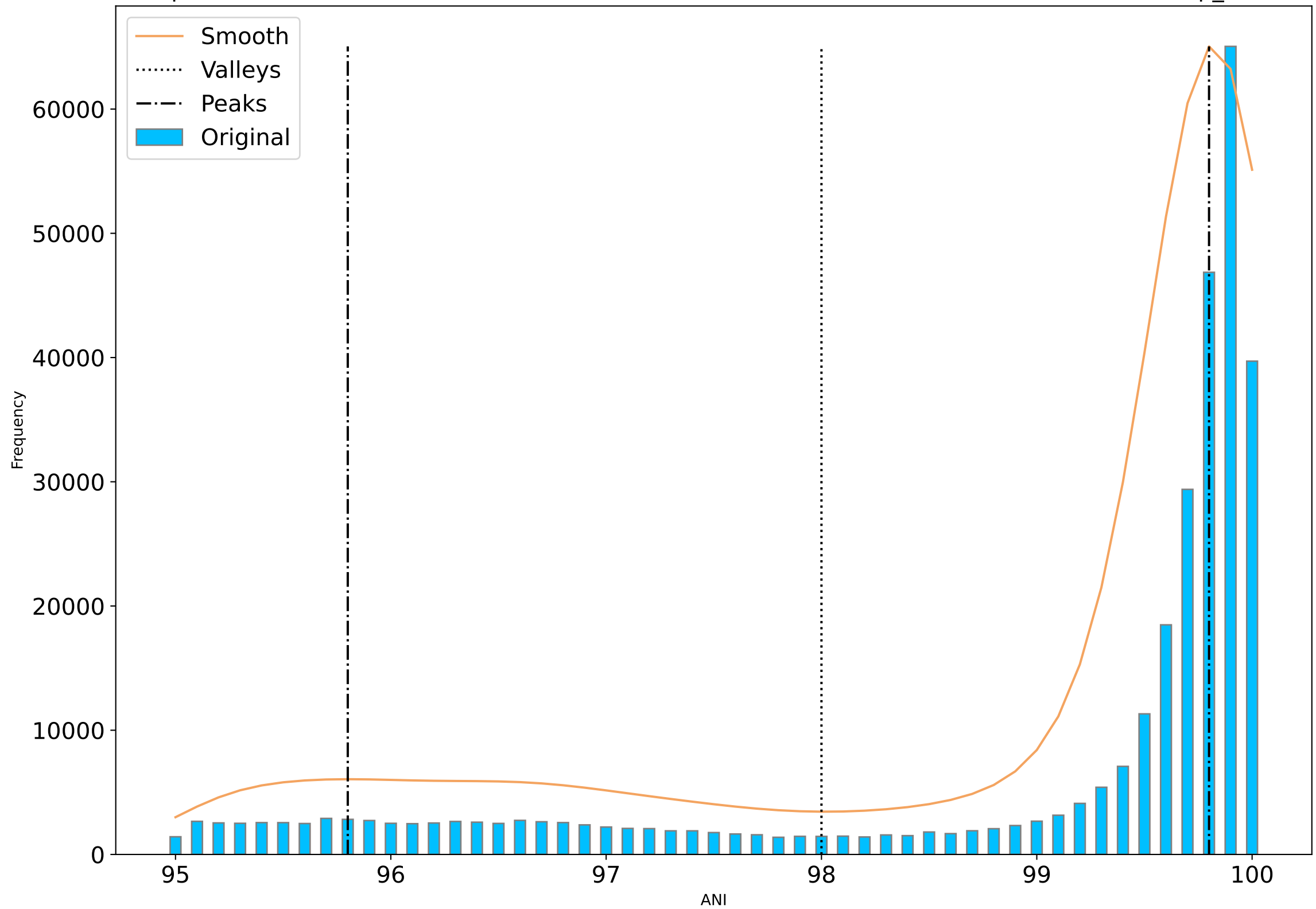
Norm_test 0.0

Dip_test 0.0002873724425115354



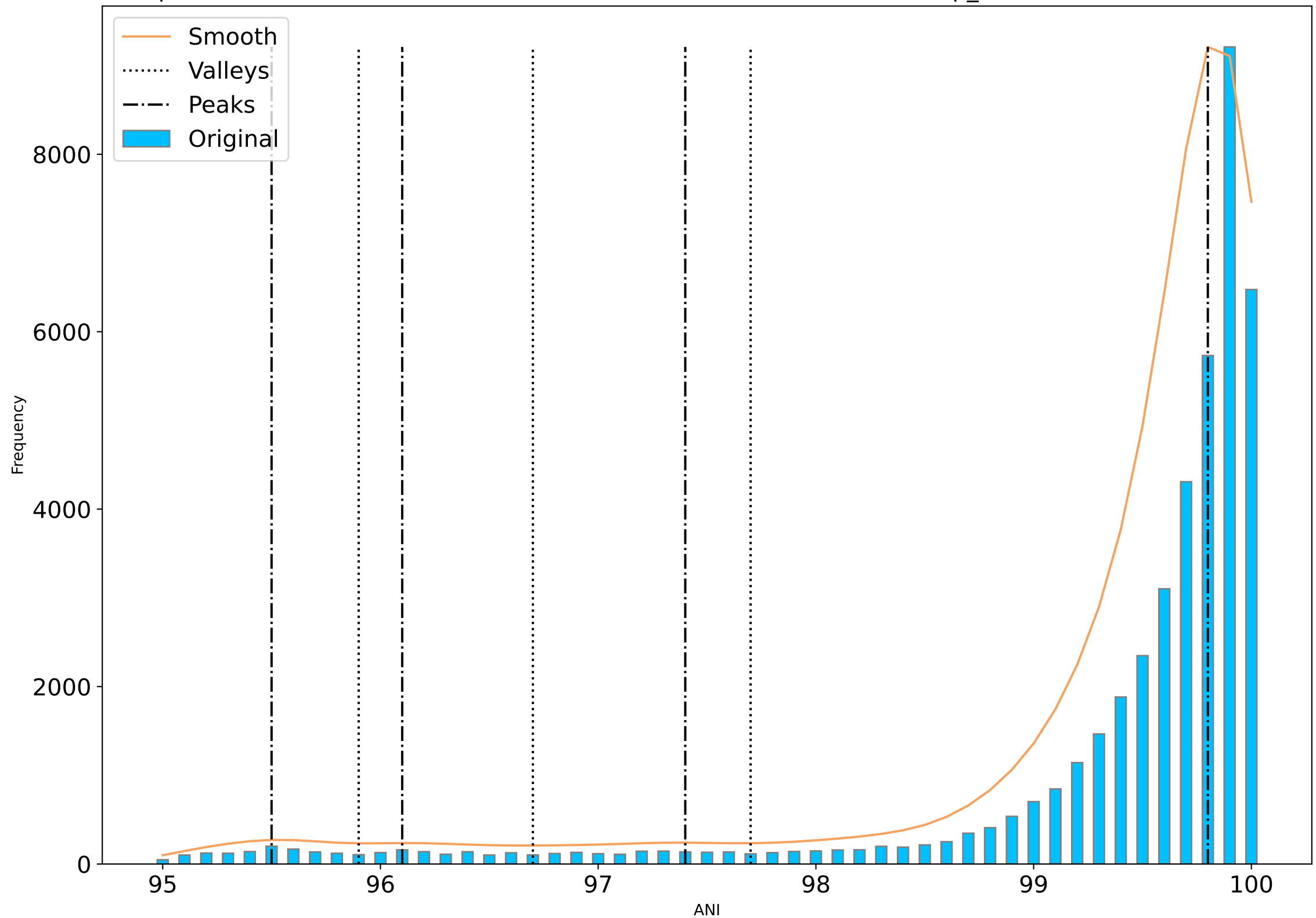
Species_34
Group 3

Norm_test 0.0
Dip_test 0.0



Species_35
Group 3

Norm_test 0.0
Dip_test 1.83257823603844e-05

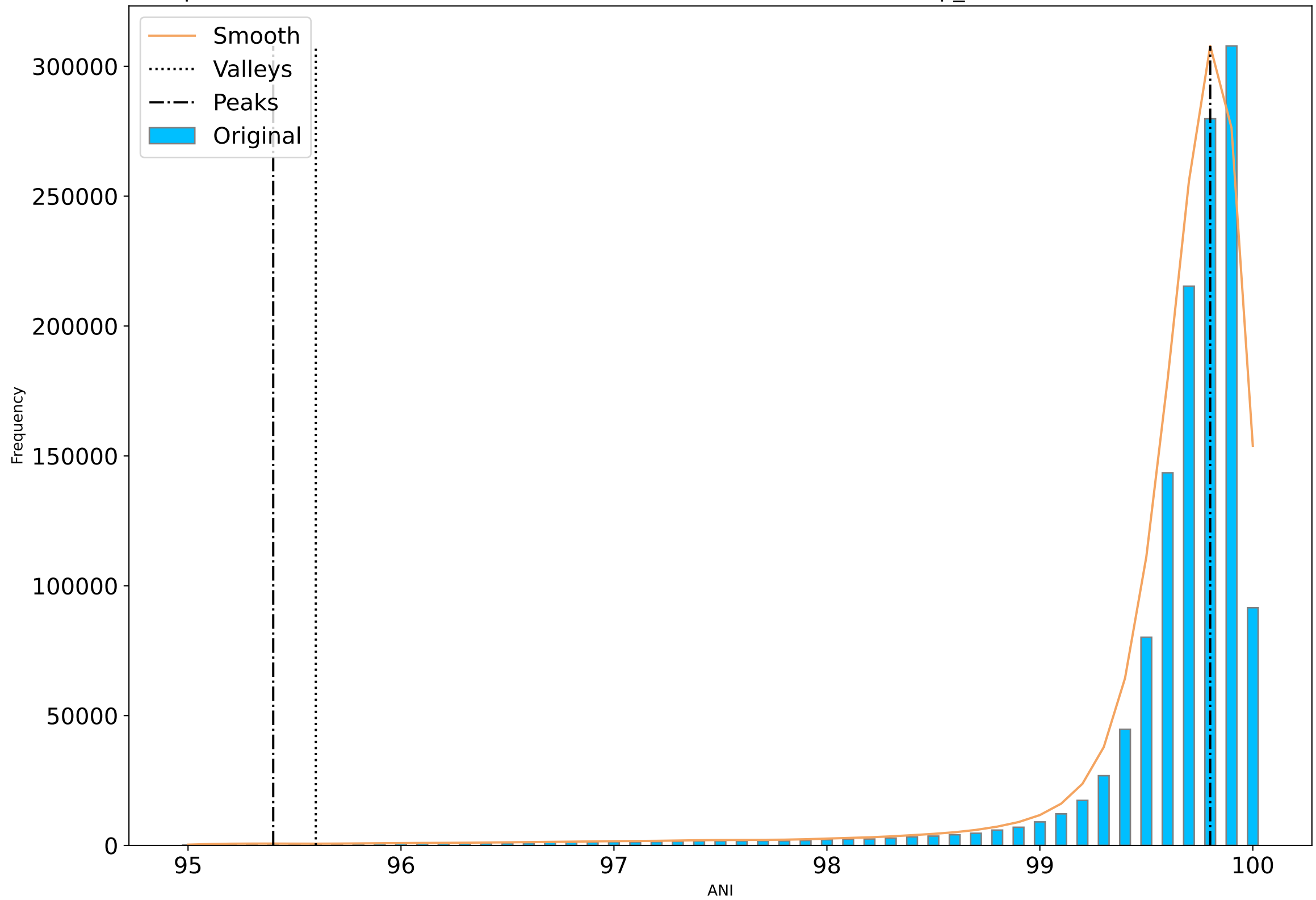


Species_36

Group 2

Norm_test 0.0

Dip_test 0.0021603851403902974

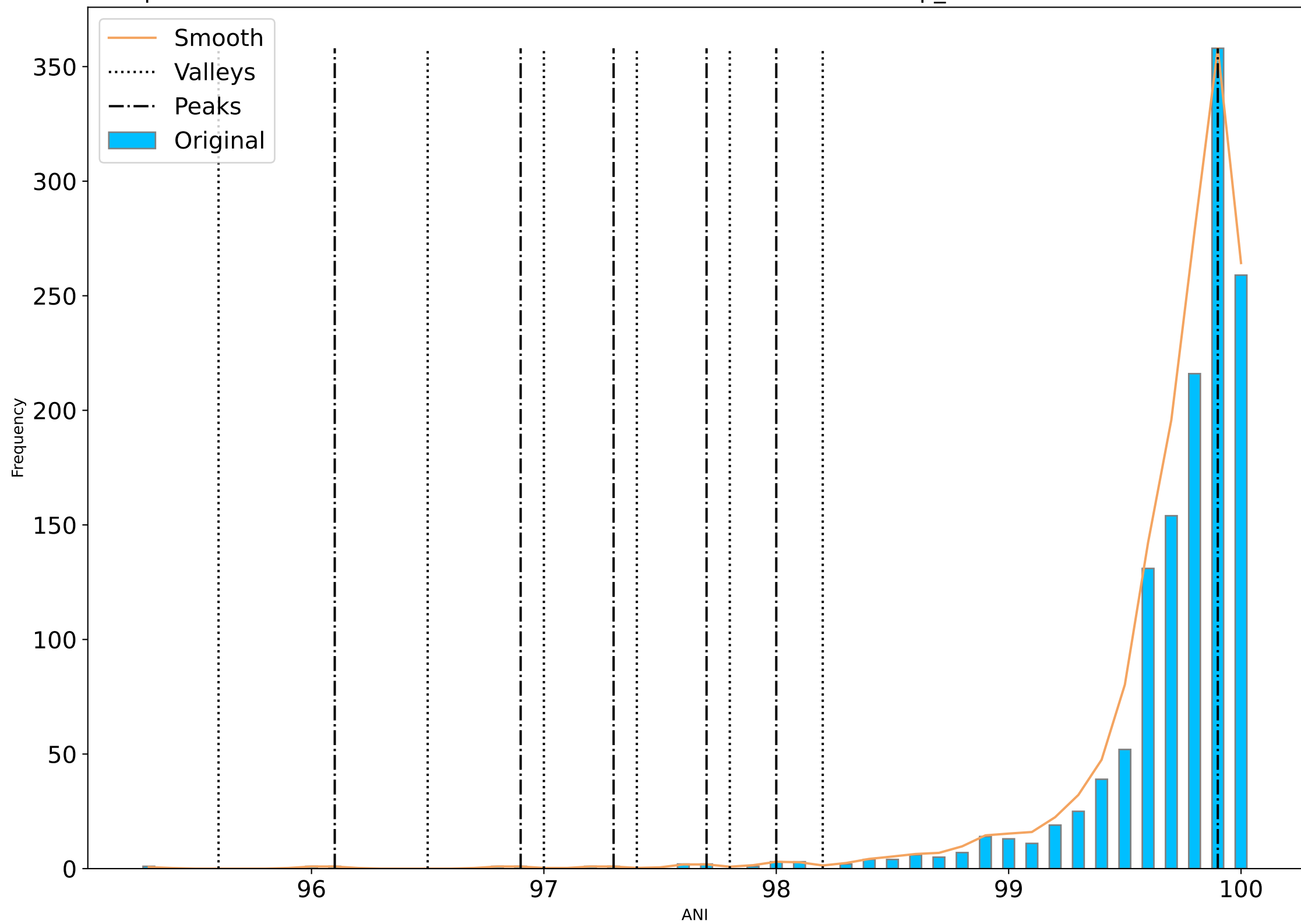


Species_38

Group 2

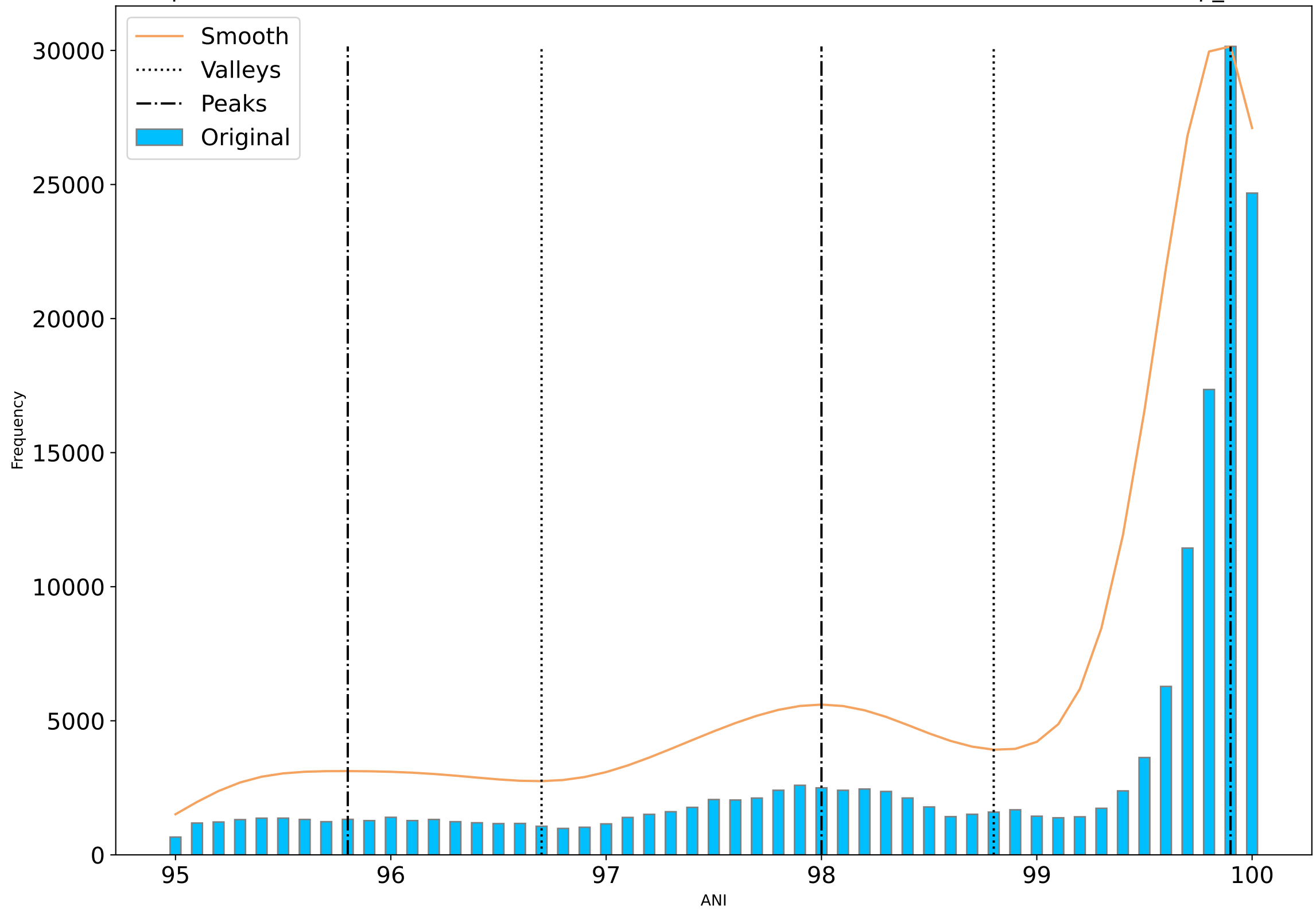
Norm_test 5.693920368510903e-273

Dip_test 0.0007149468298341954



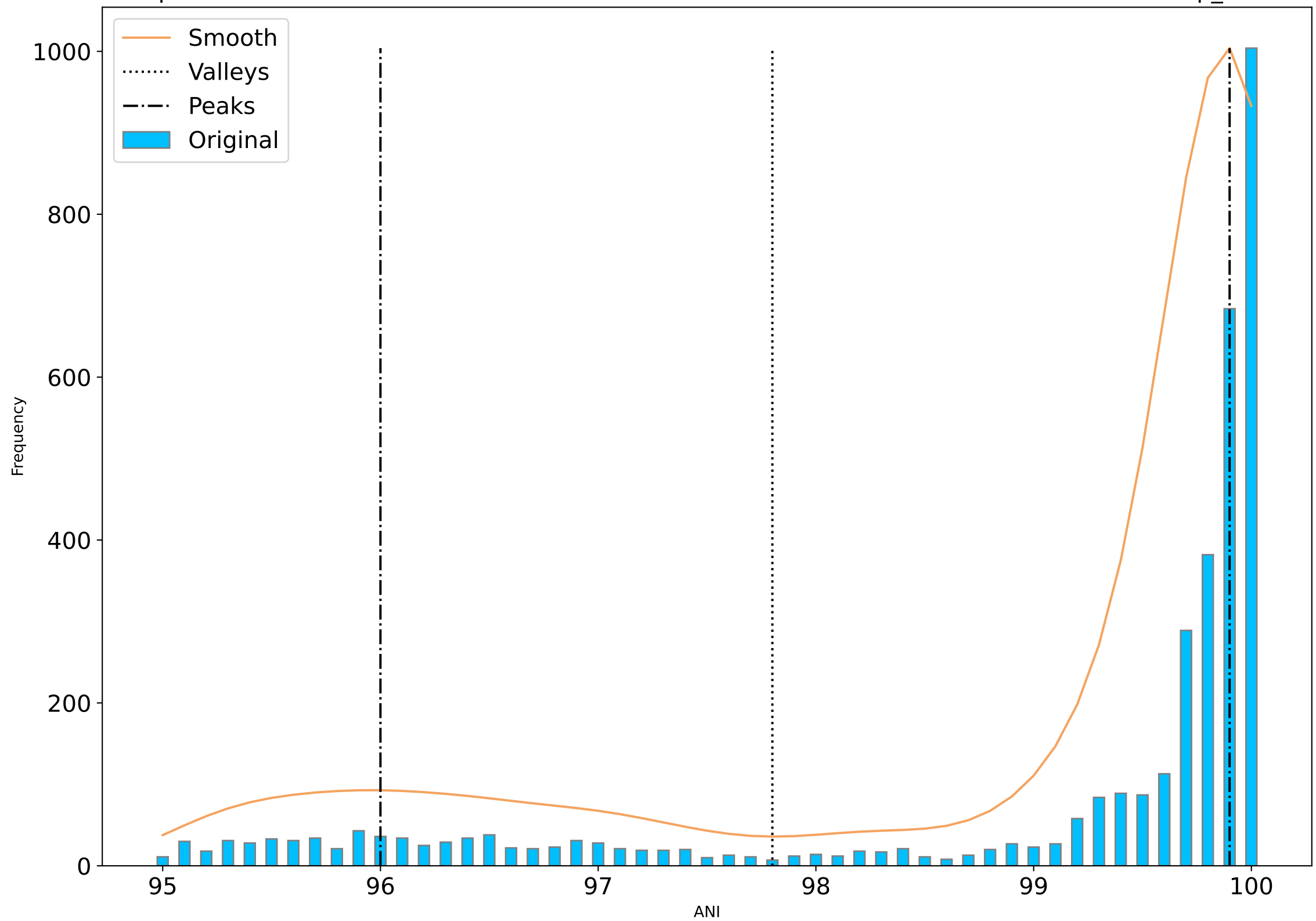
Species_39
Group 1

Norm_test 0.0
Dip_test 0.0



Species_40
Group 3

Norm_test 8.141032476799549e-190
Dip_test 0.0

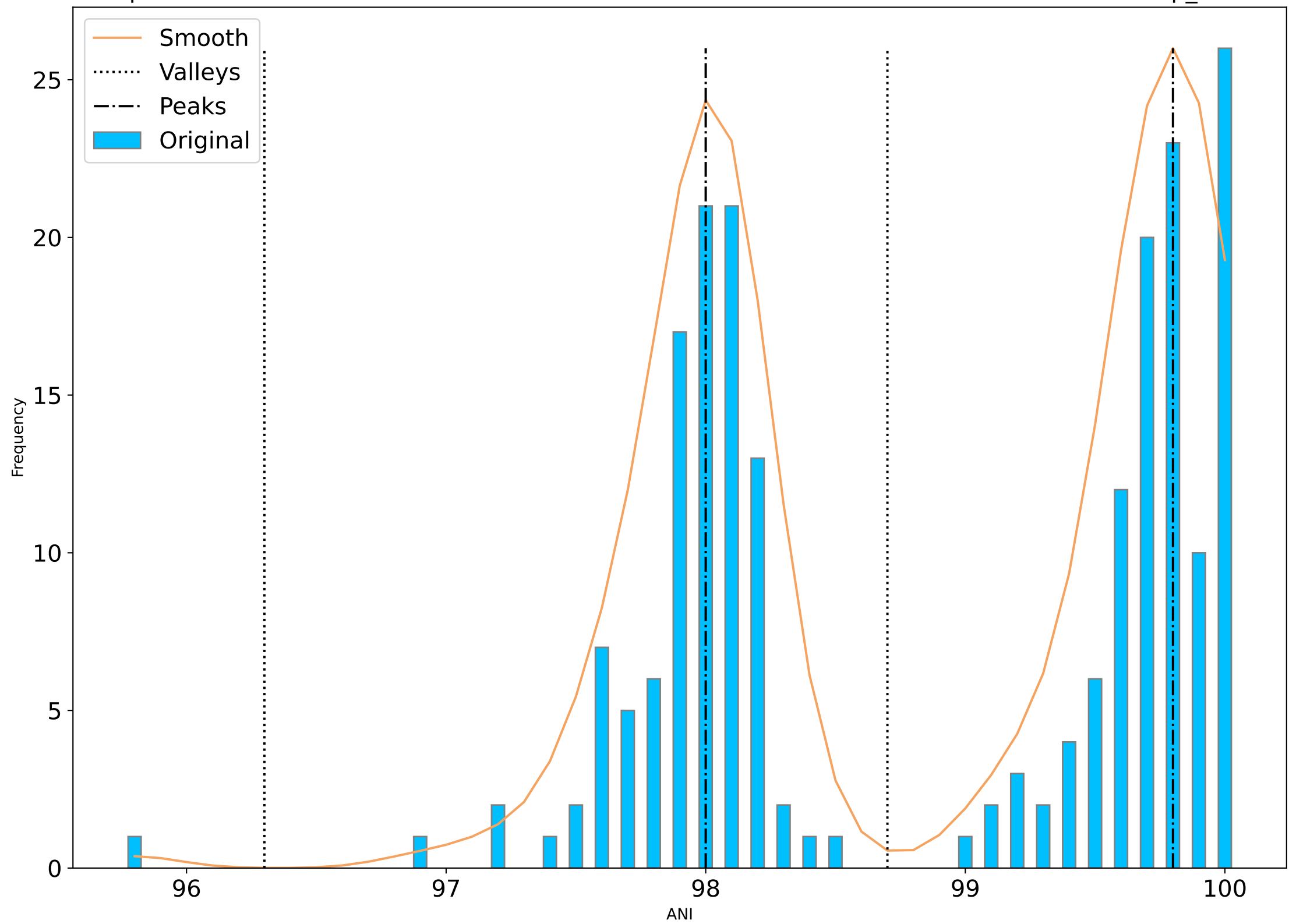


Species_42

Group 3

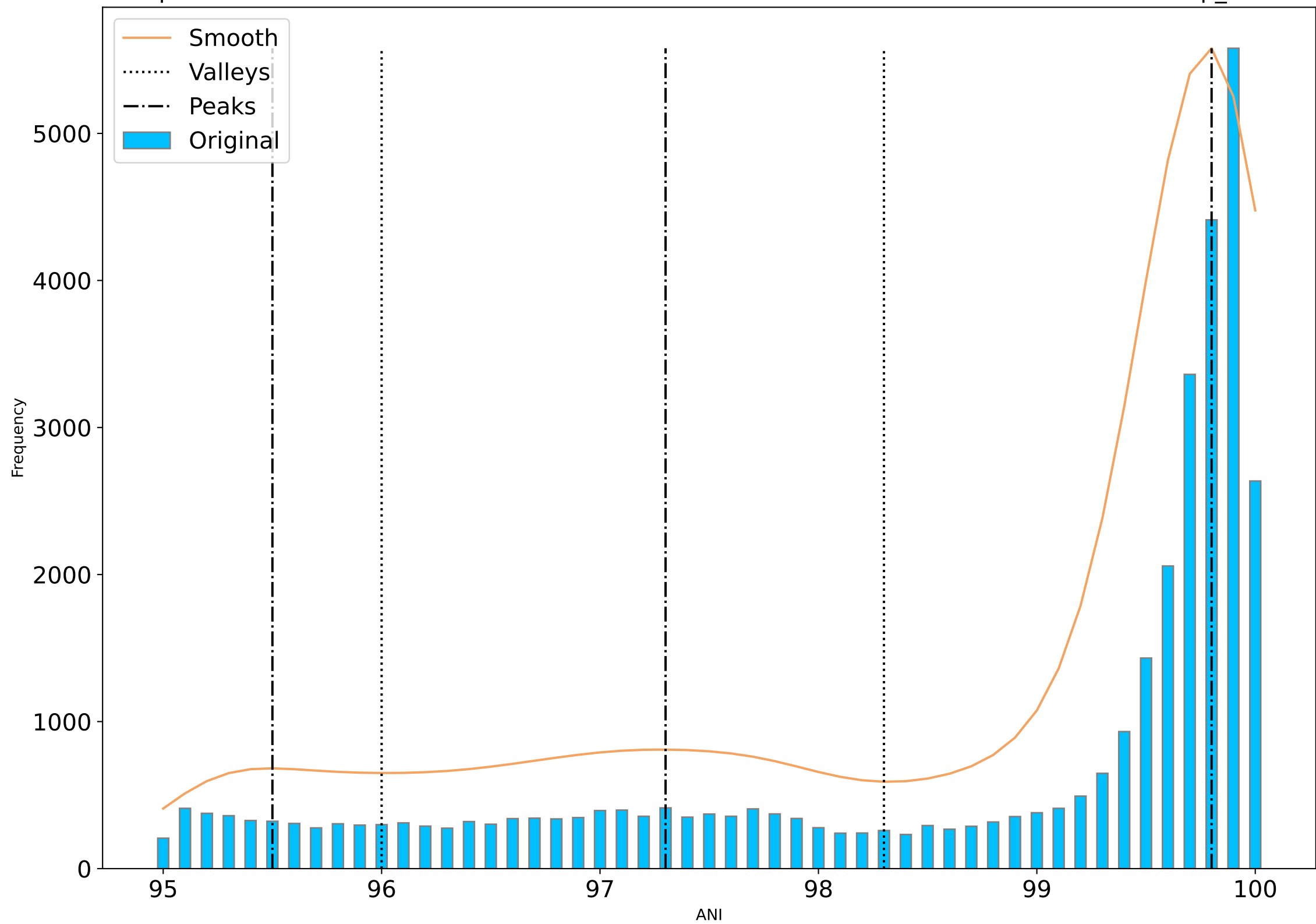
Norm_test 7.459595016173511e-43

Dip_test 0.0



Species_43
Group 3

Norm_test 0.0
Dip_test 0.0

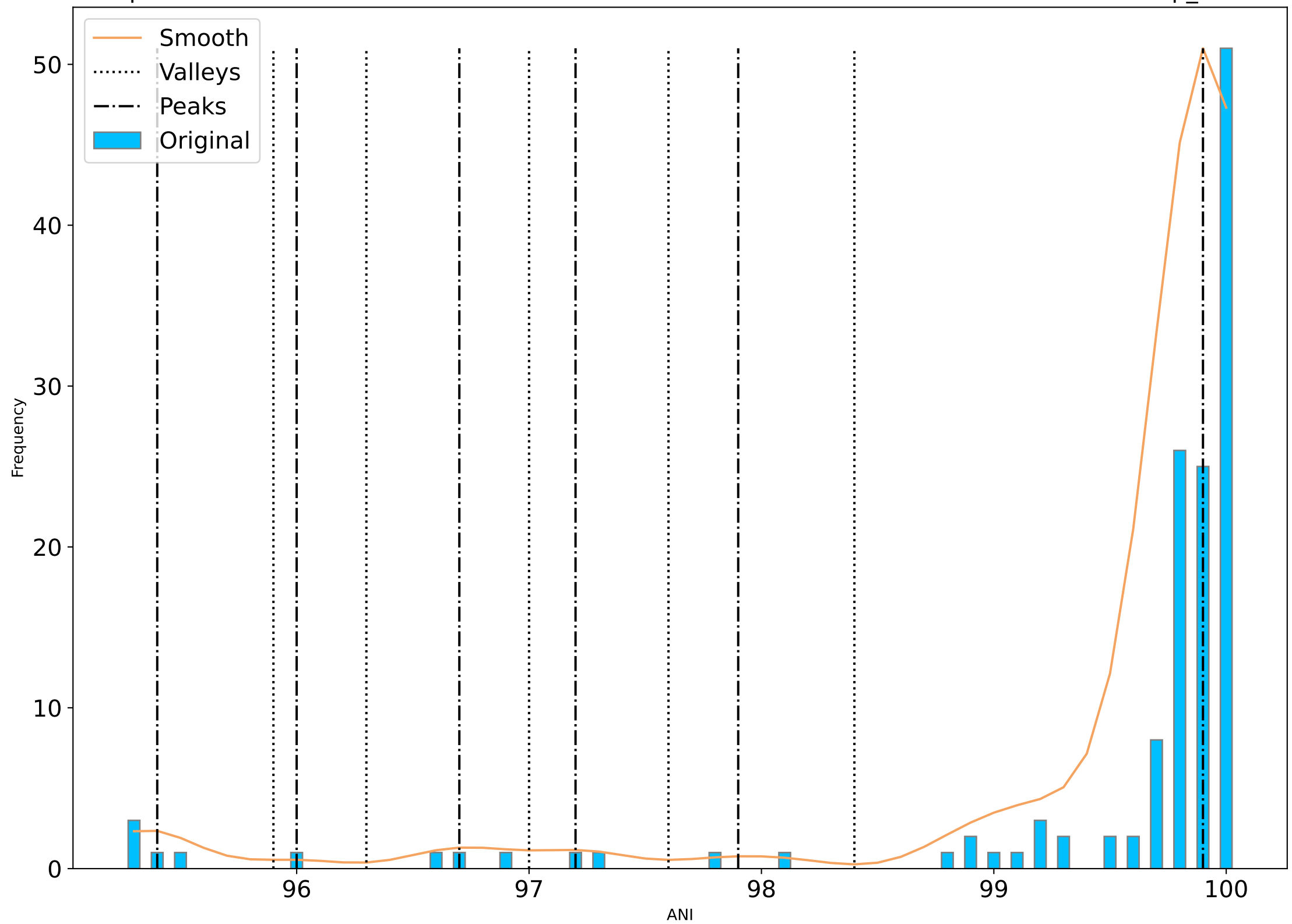


Species_45

Group 2

Norm_test 9.951457544786415e-23

Dip_test 0.0

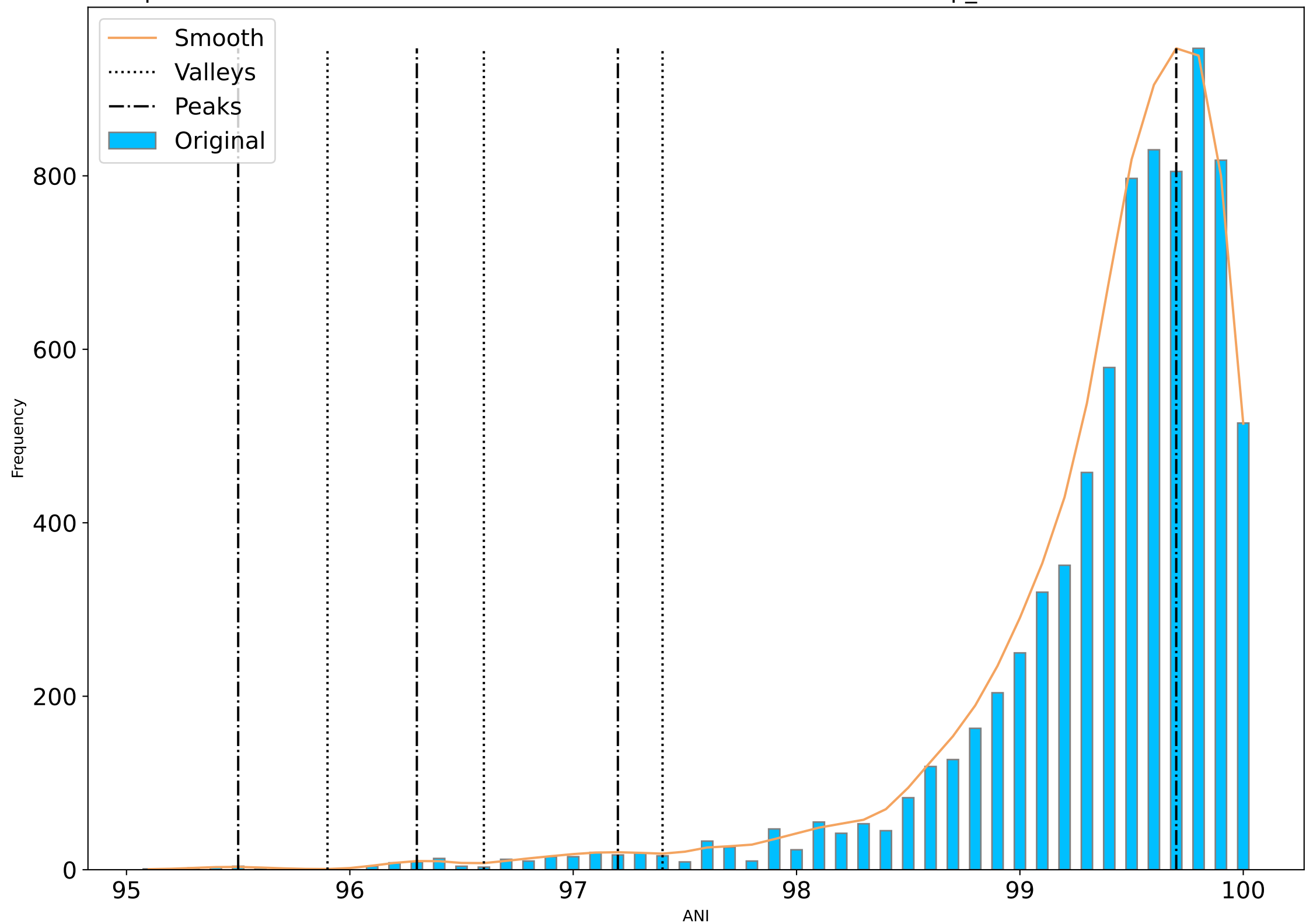


Species_46

Group 3

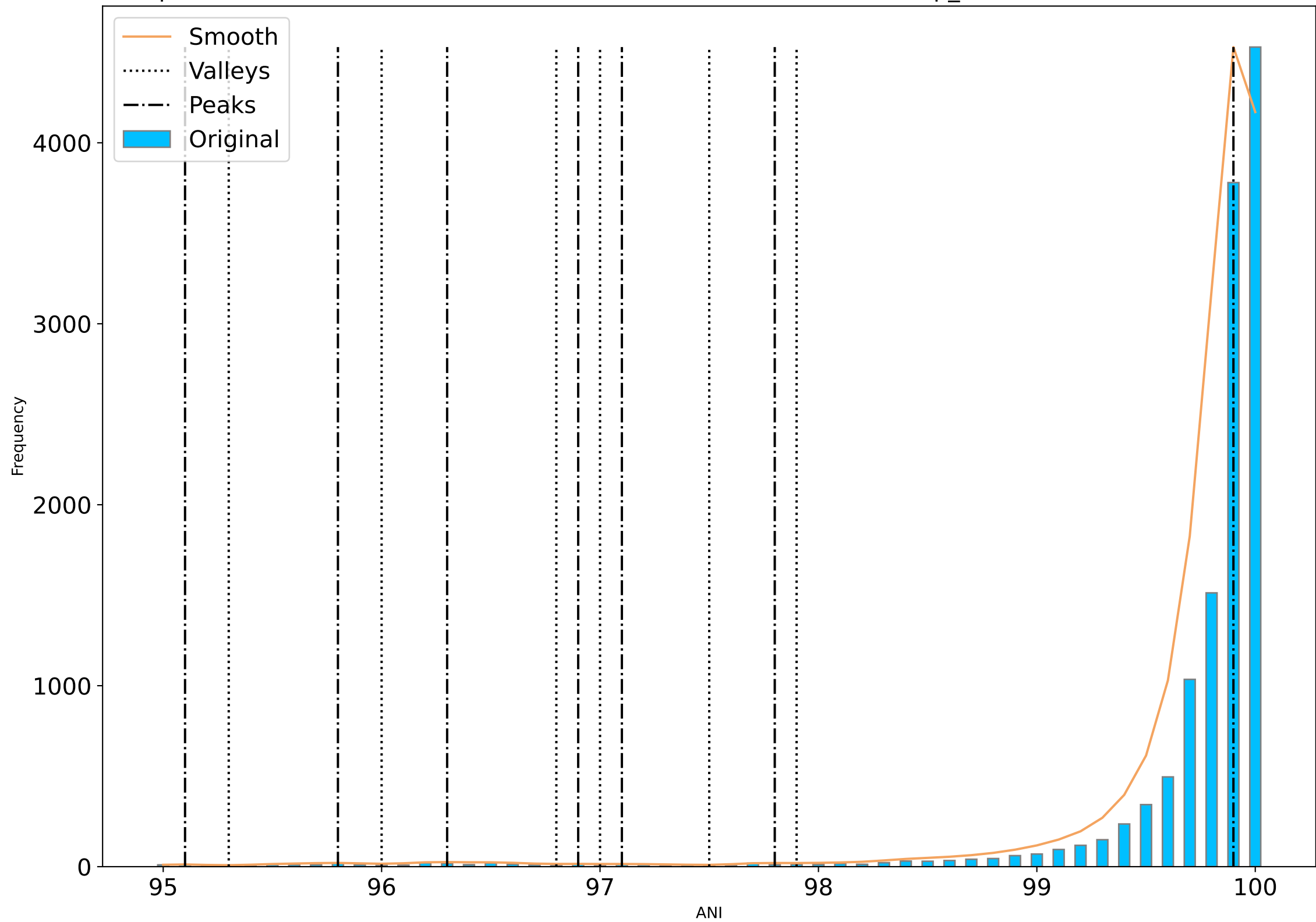
Norm_test 0.0

Dip_test 0.07721287323063053



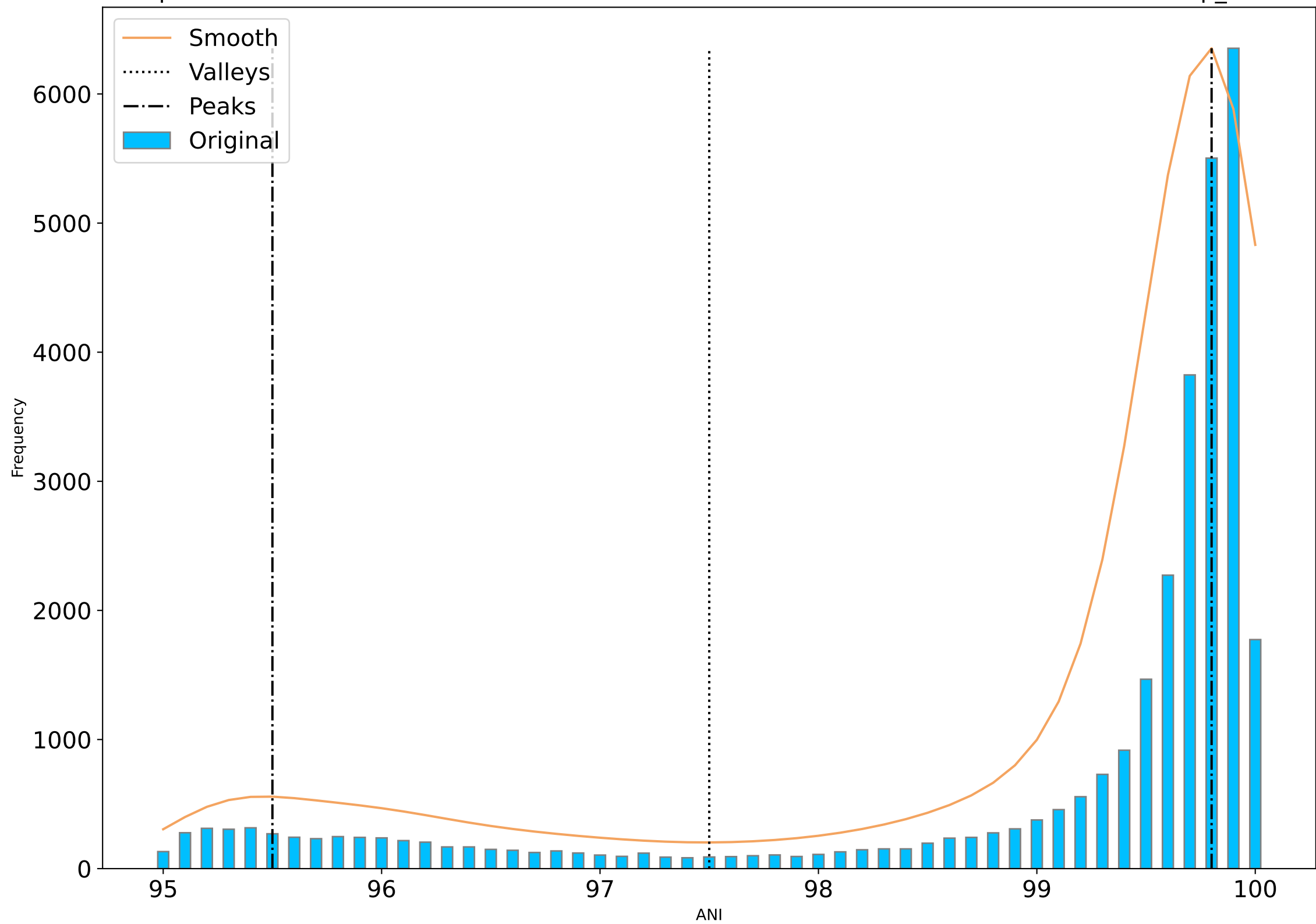
Species_47
Group 2

Norm_test 0.0
Dip_test 0.0002948208231009497



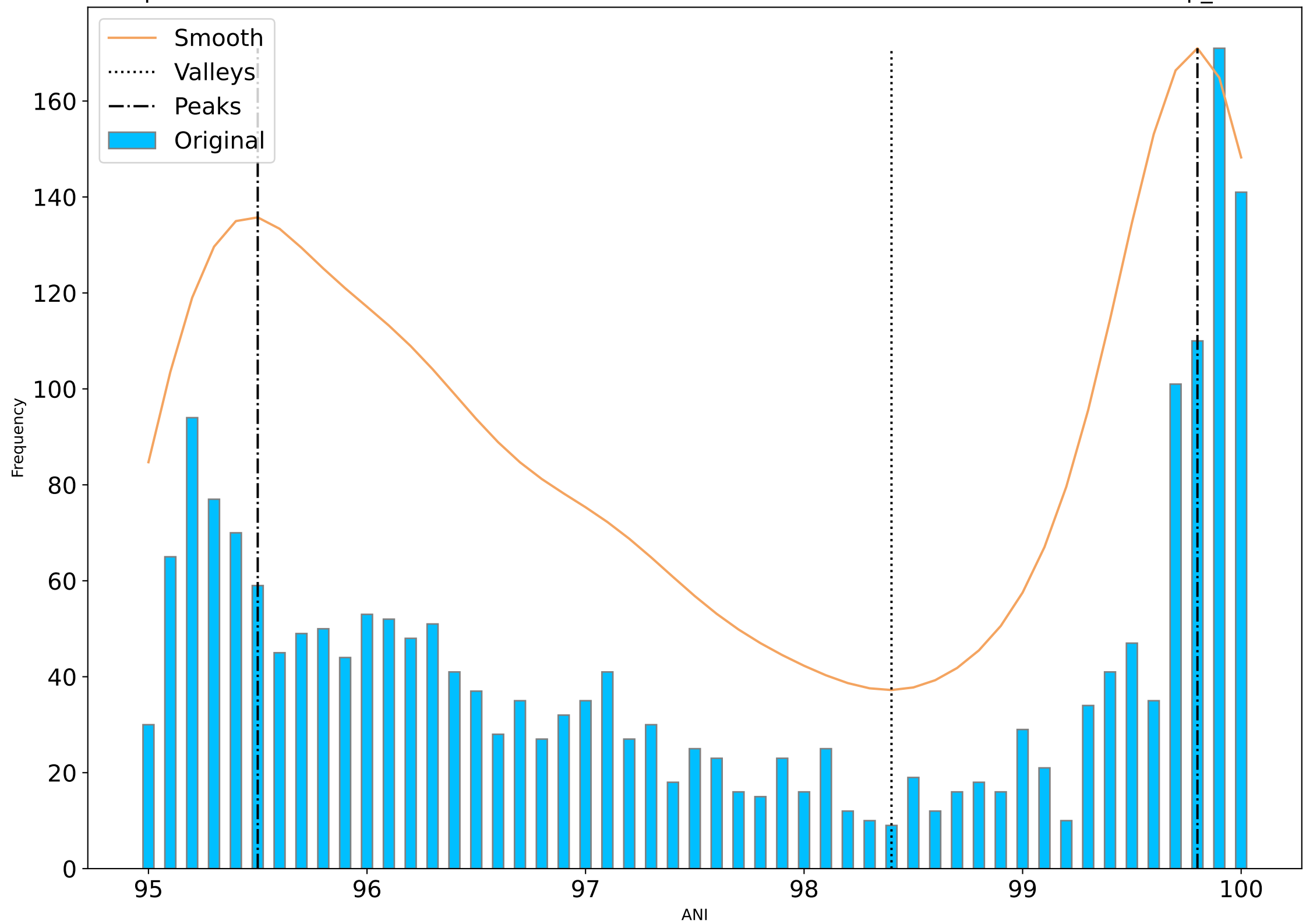
Species_48
Group 3

Norm_test 0.0
Dip_test 0.0



Species_50
Group 3

Norm_test 0.0
Dip_test 0.0

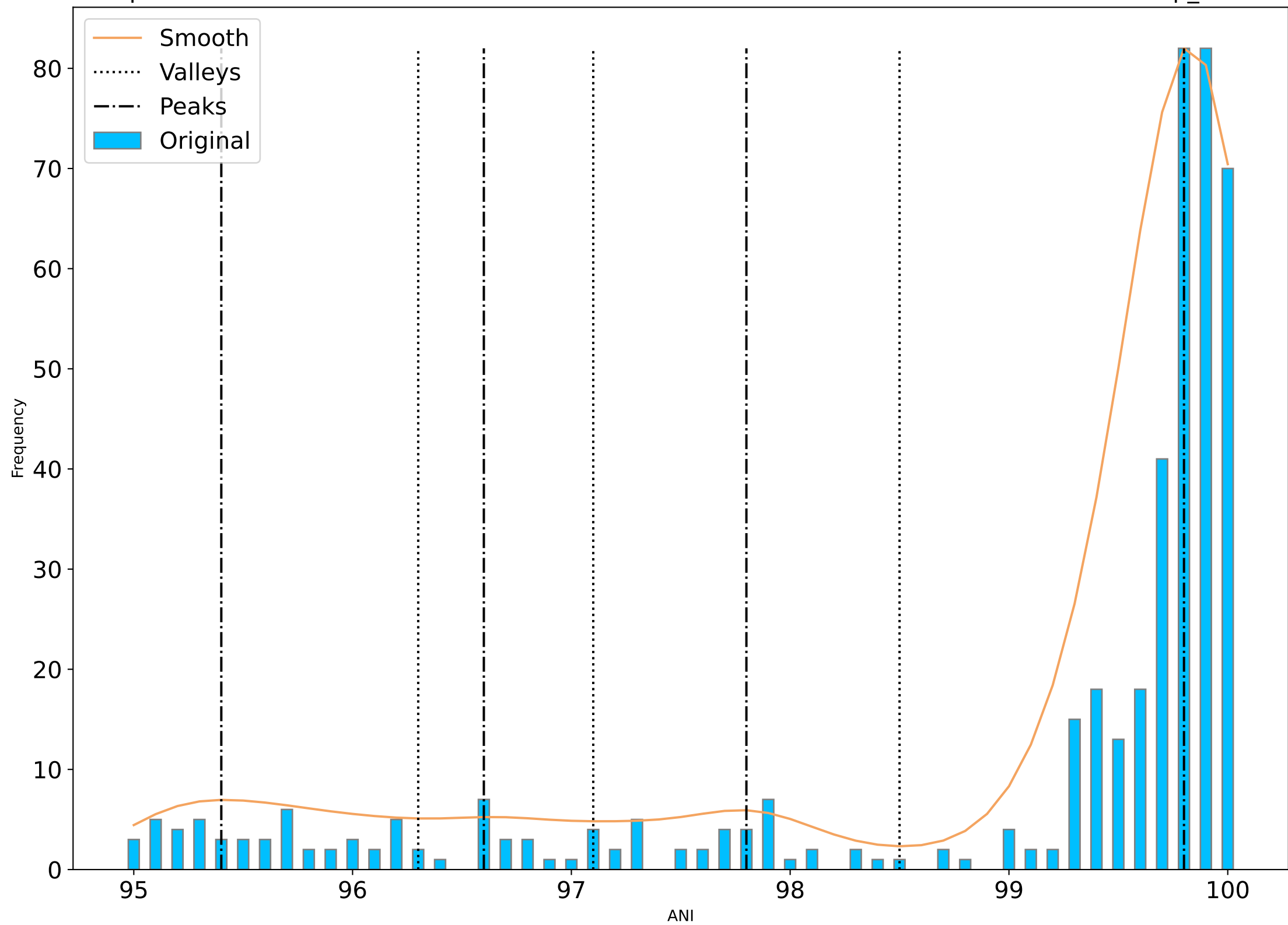


Species_51

Group 3

Norm_test 4.894984270356688e-27

Dip_test 0.0

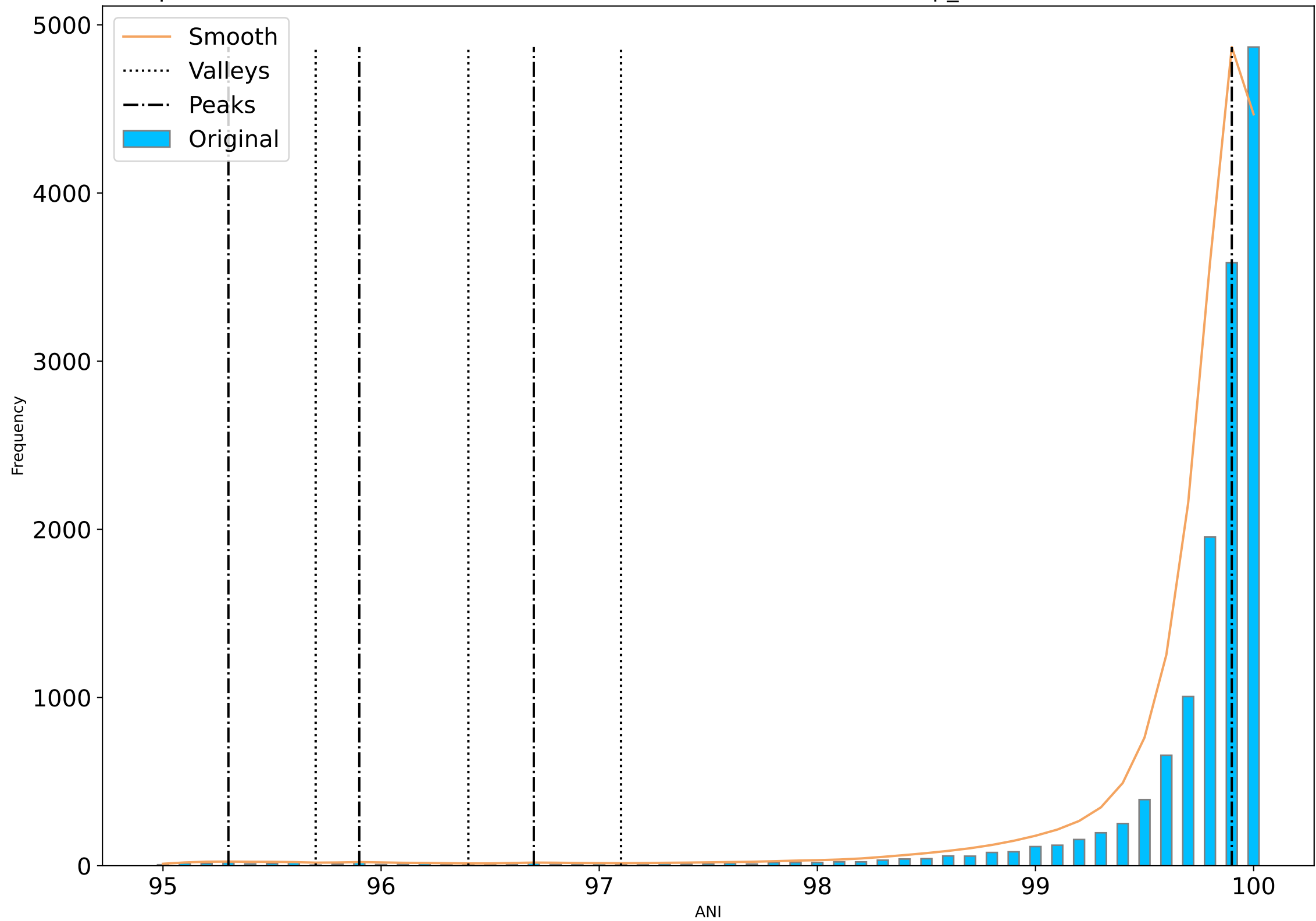


Species_52

Group 2

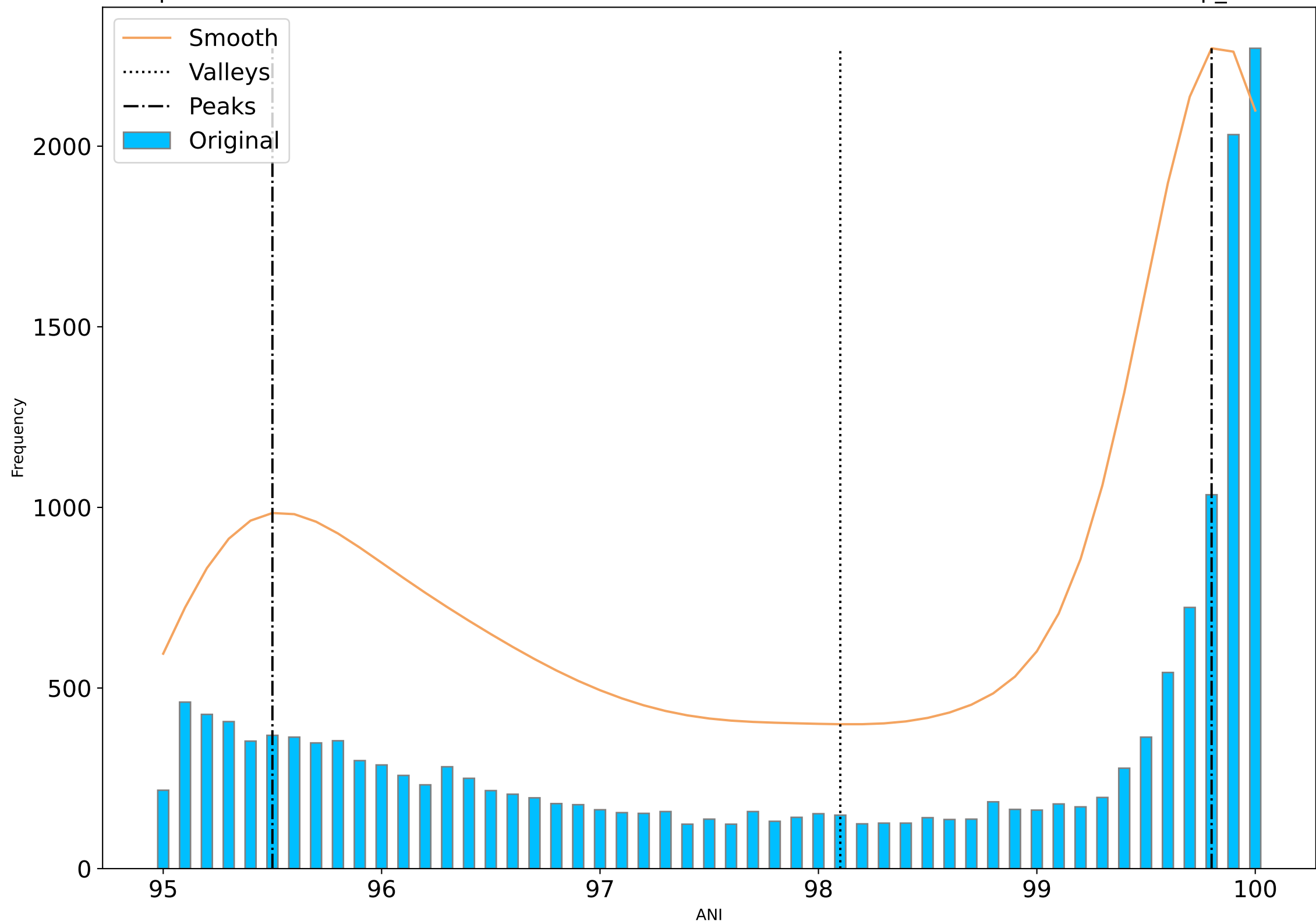
Norm_test 0.0

Dip_test 0.0005452844963789172



Species_53
Group 3

Norm_test 0.0
Dip_test 0.0

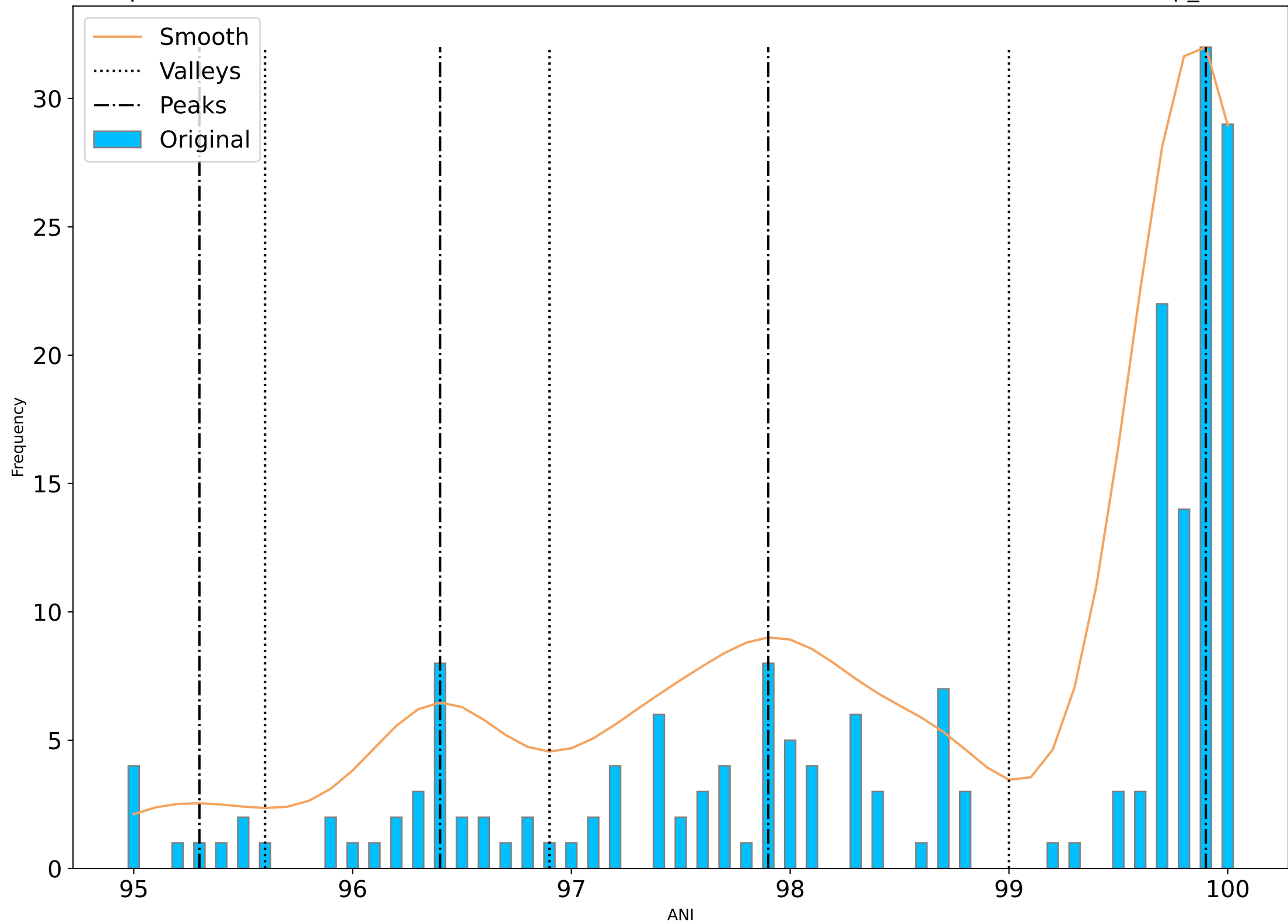


Species_55

Group 1

Norm_test 5.153097062432686e-06

Dip_test 0.0

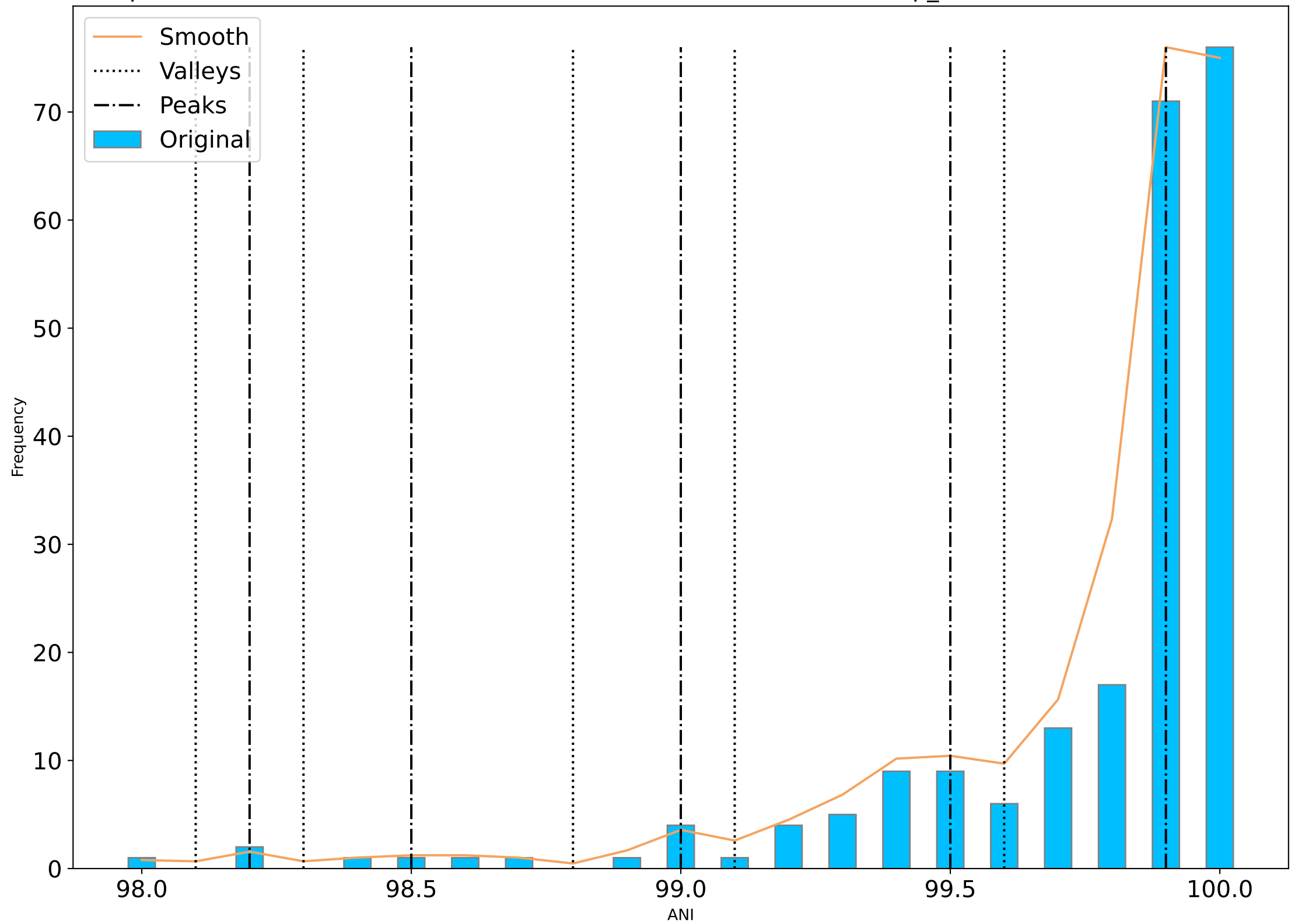


Species_56

Group 2

Norm_test 1.9209115007216573e-31

Dip_test 2.576571032242292e-05

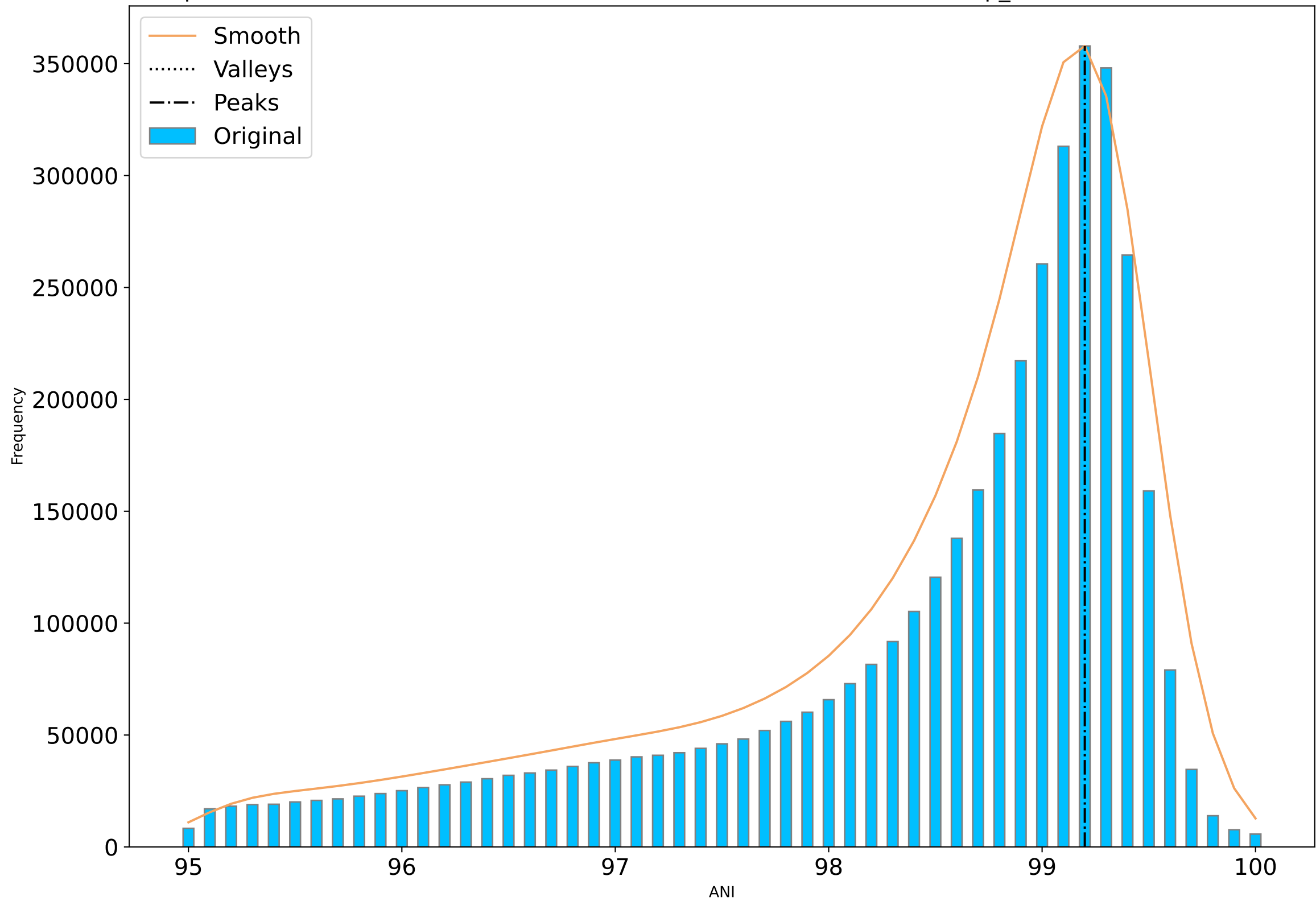


Species_57

Group 4

Norm_test 0.0

Dip_test 0.3070216122370425

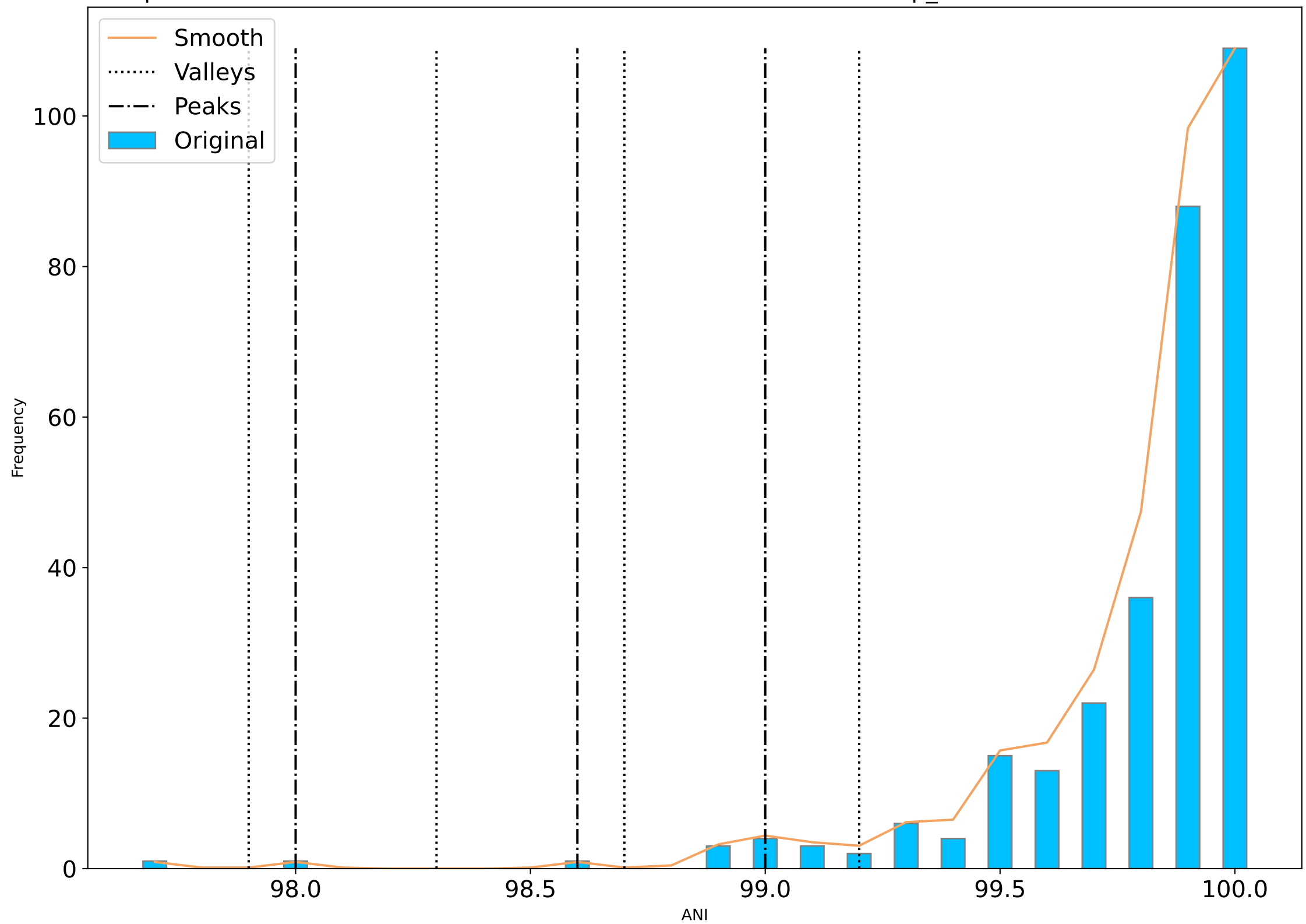


Species_58

Group 2

Norm_test 6.914296847038987e-55

Dip_test 1.6475057232678836e-05

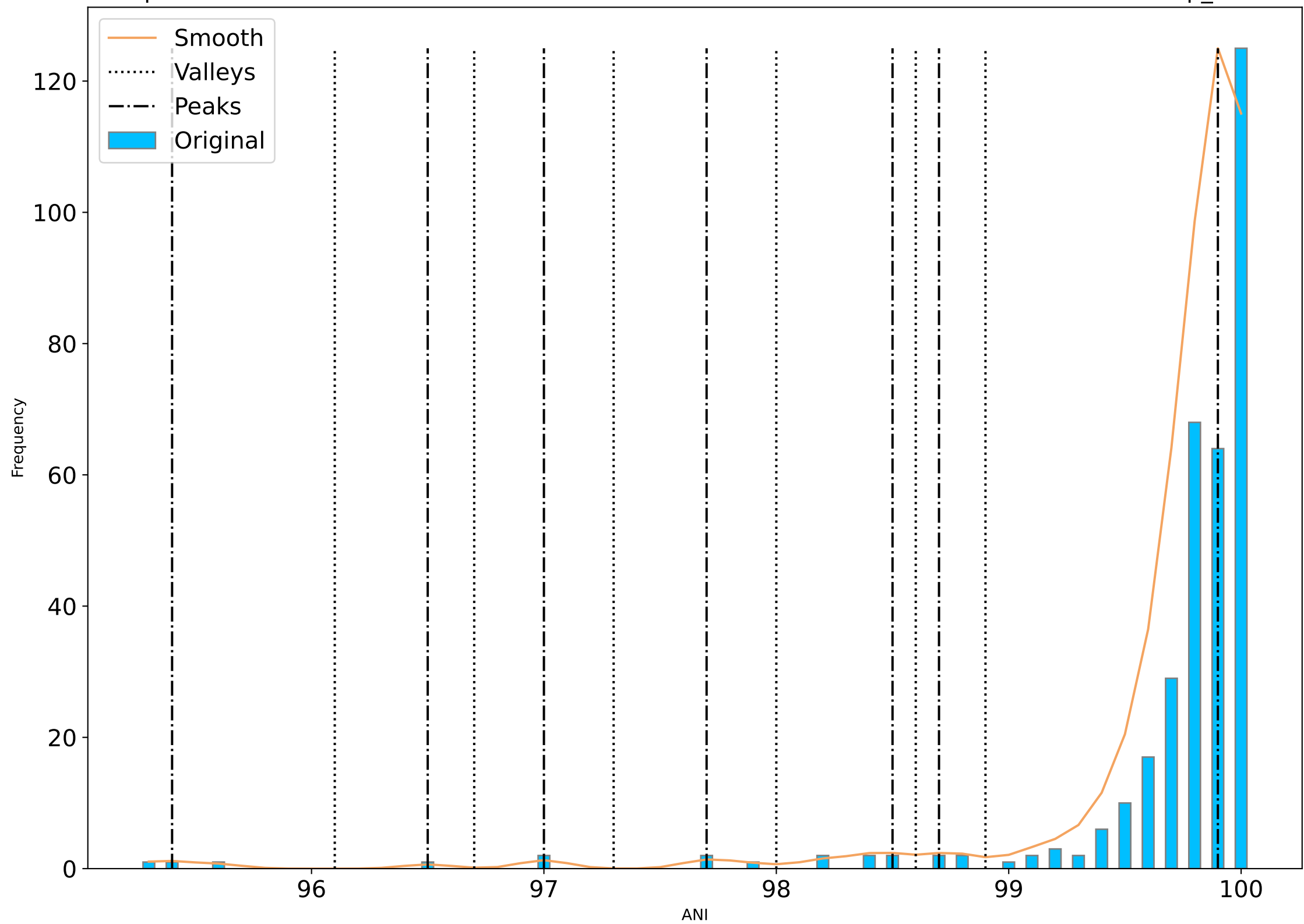


Species_59

Group 2

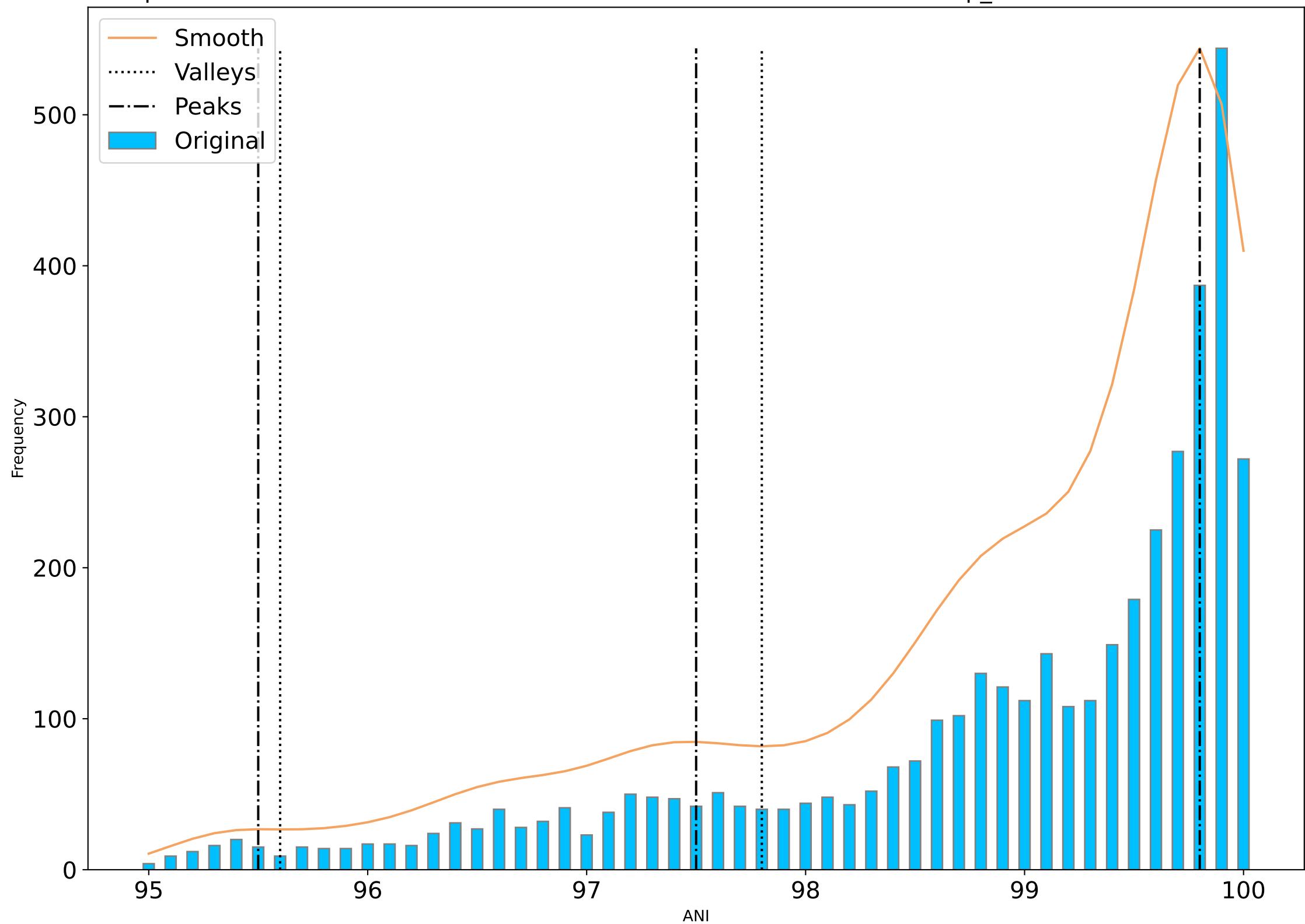
Norm_test 3.9244065013377085e-81

Dip_test 0.0



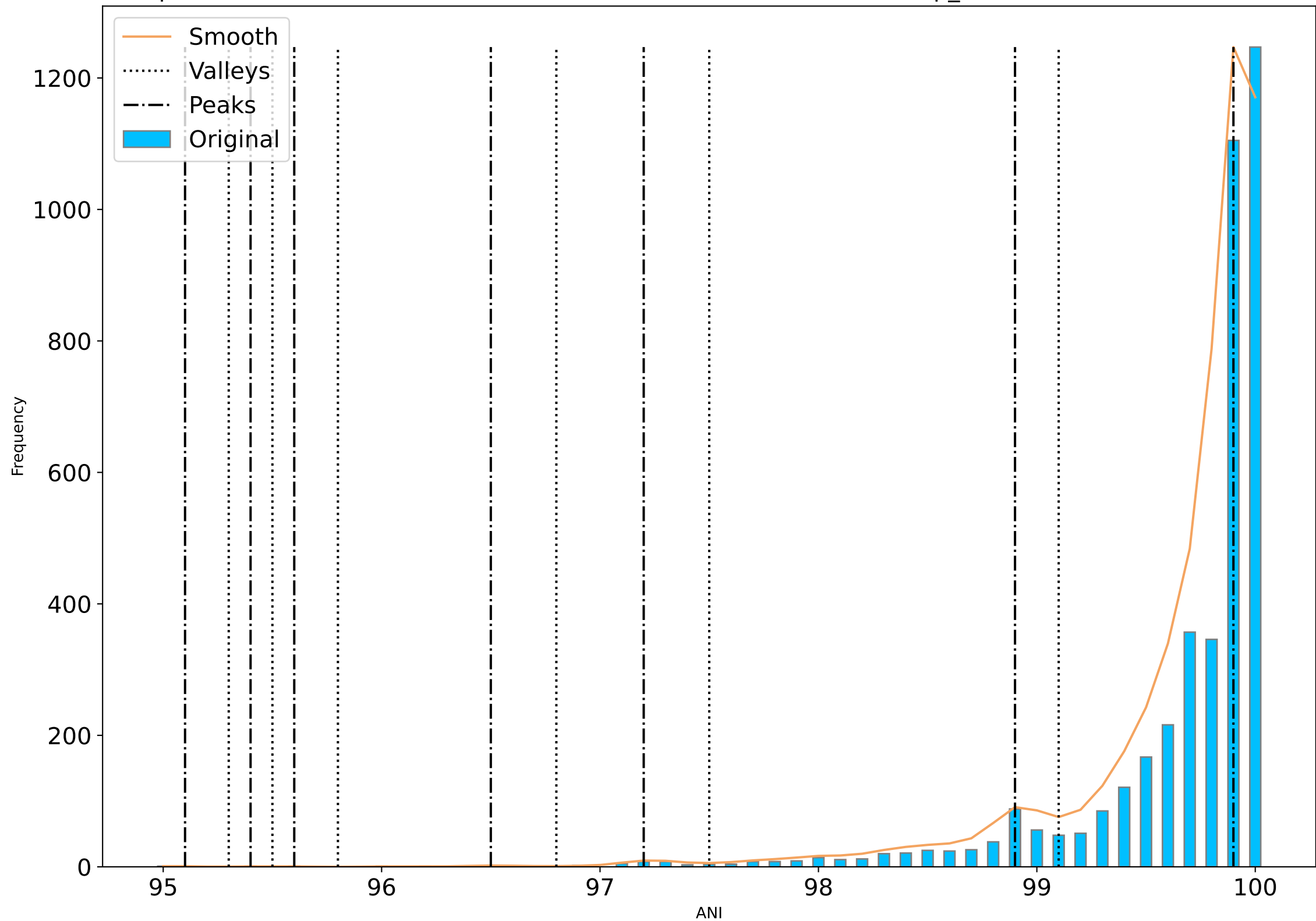
Species_60
Group 3

Norm_test 3.7100081686043967e-165
Dip_test 0.2733455672657962



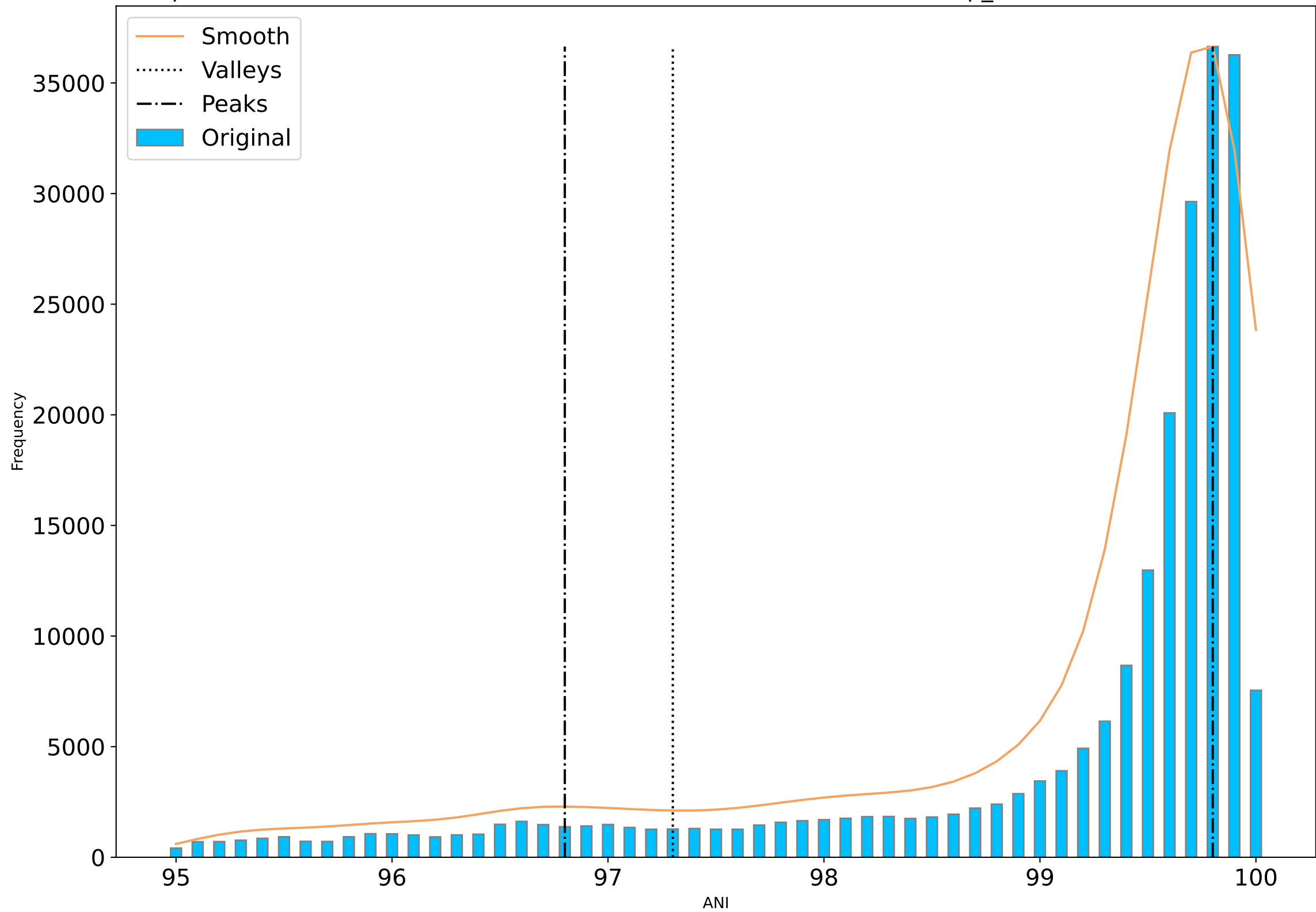
Species_61
Group 2

Norm_test 0.0
Dip_test 0.0004951536408103197



Species_62
Group 3

Norm_test 0.0
Dip_test 0.07633428989480717

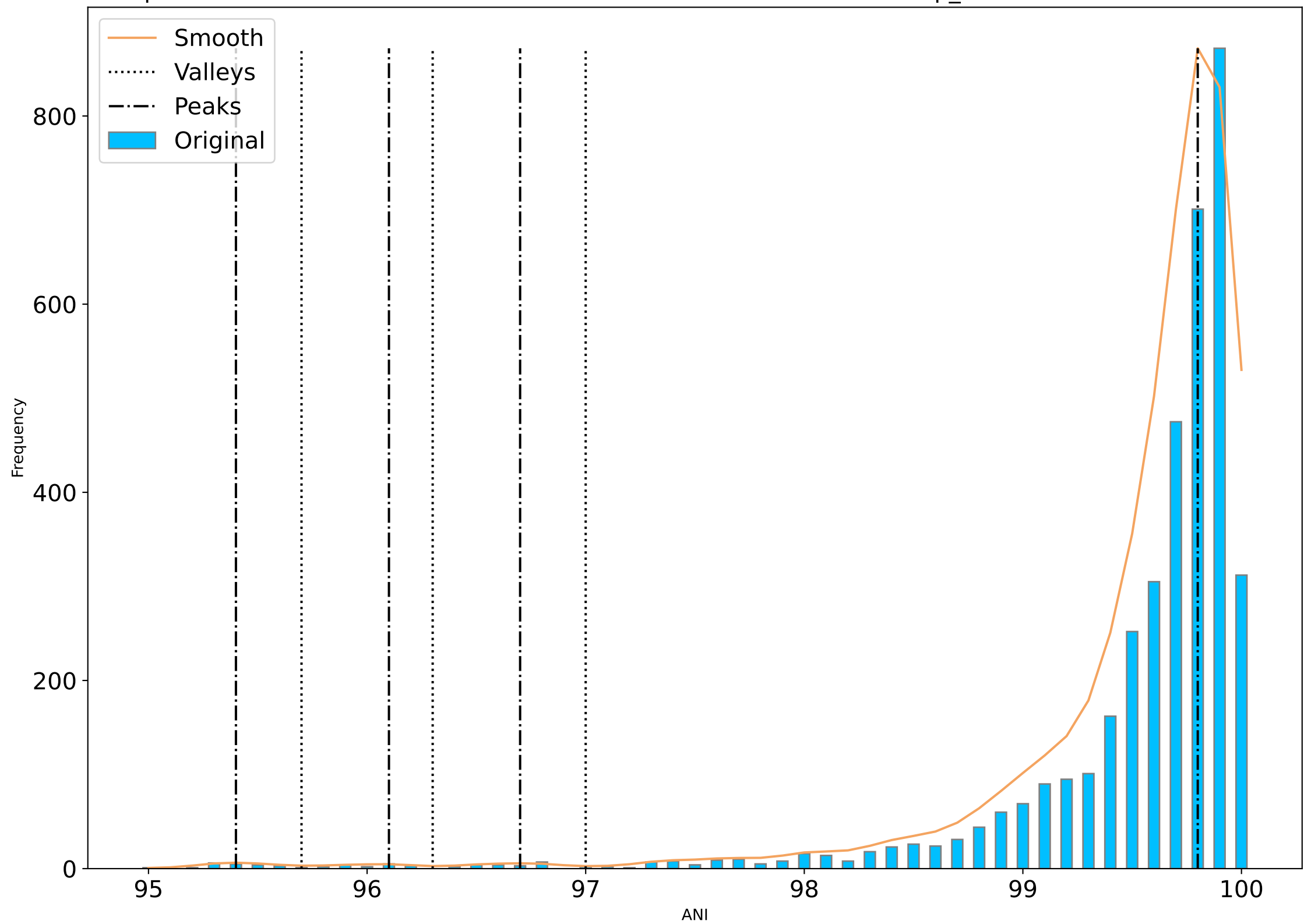


Species_63

Group 2

Norm_test 0.0

Dip_test 0.007245406092478035

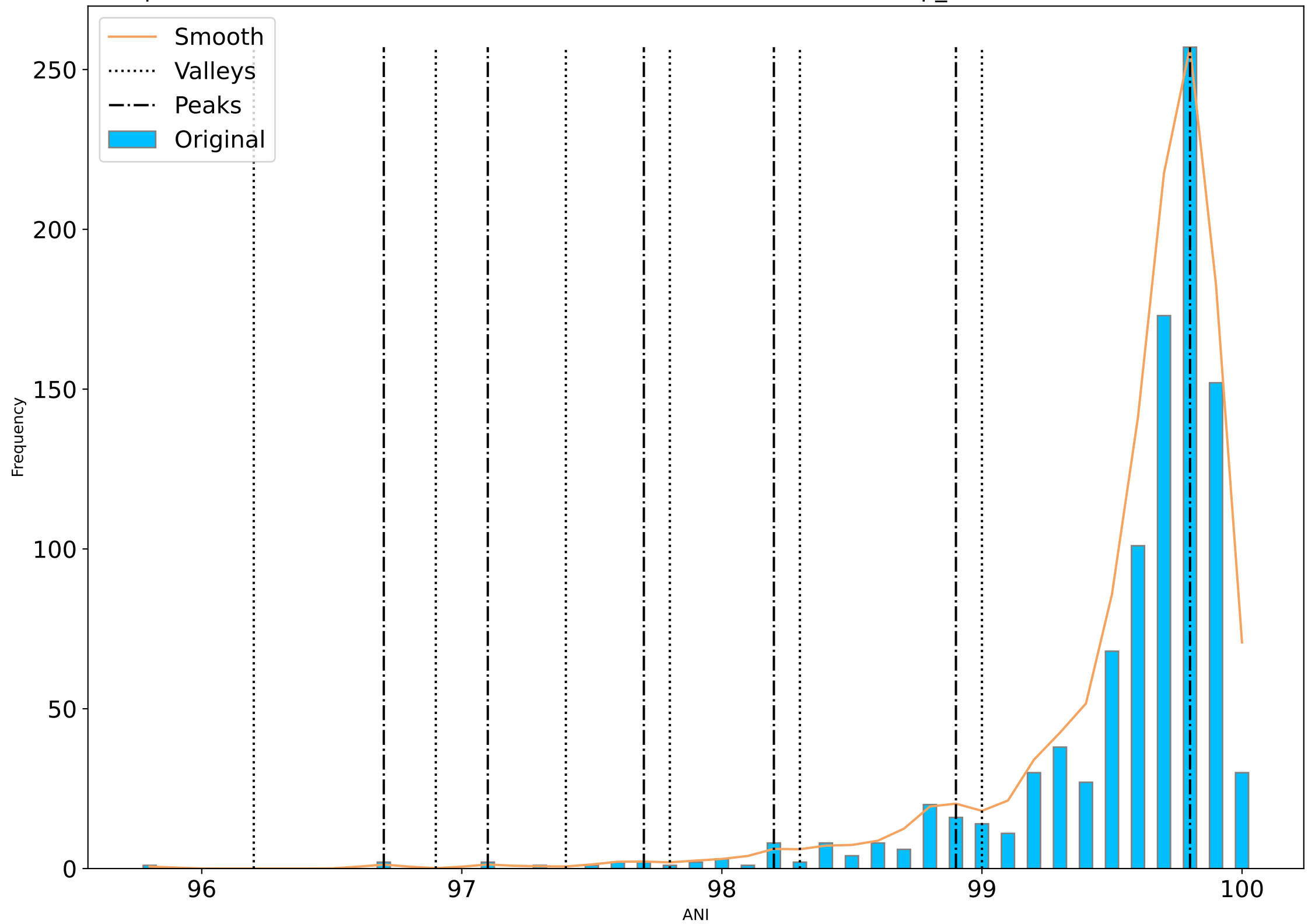


Species_64

Group 2

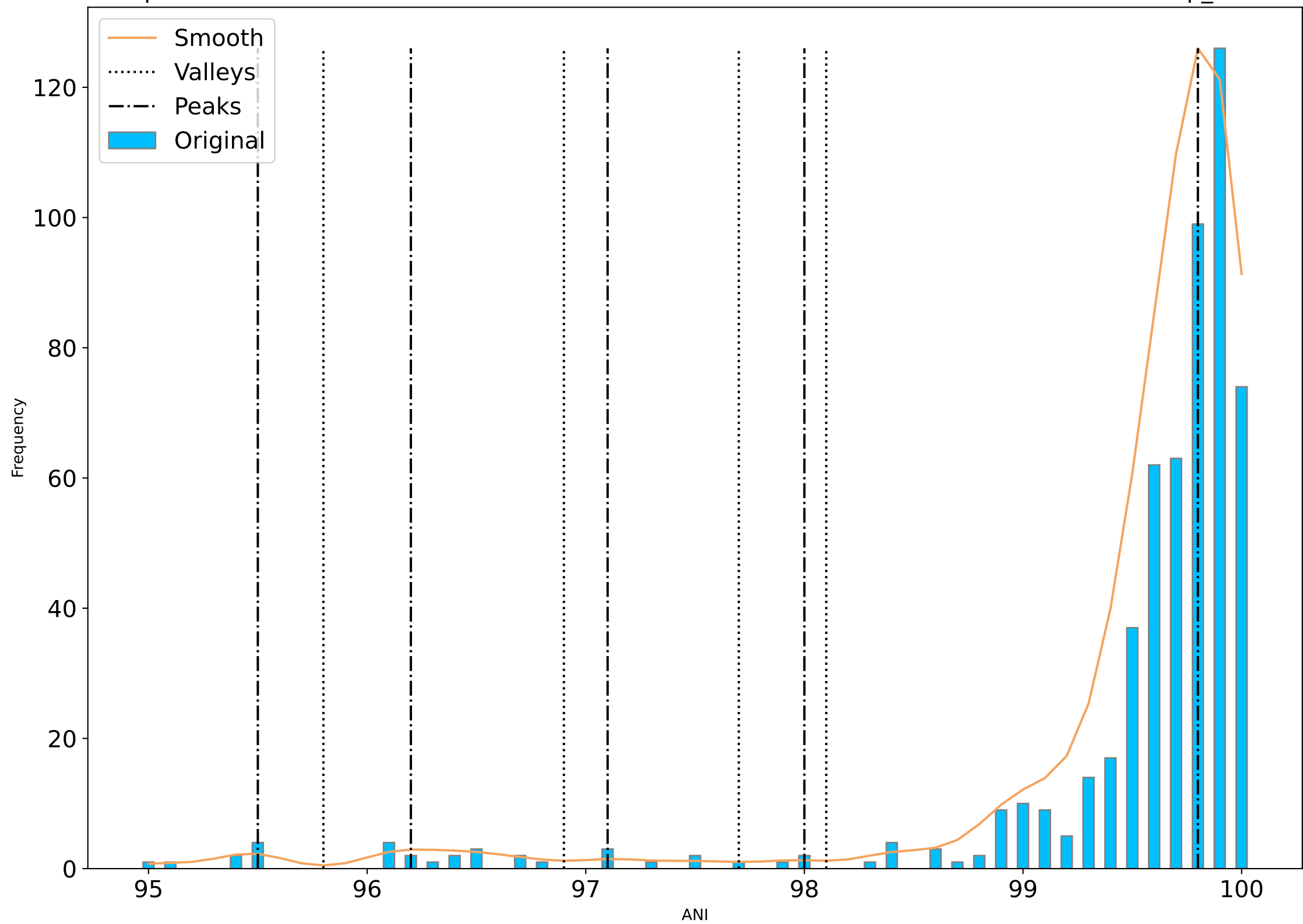
Norm_test 6.865777118871243e-144

Dip_test 0.0016244485890425375



Species_65
Group 2

Norm_test 8.812270738448727e-94
Dip_test 0.0

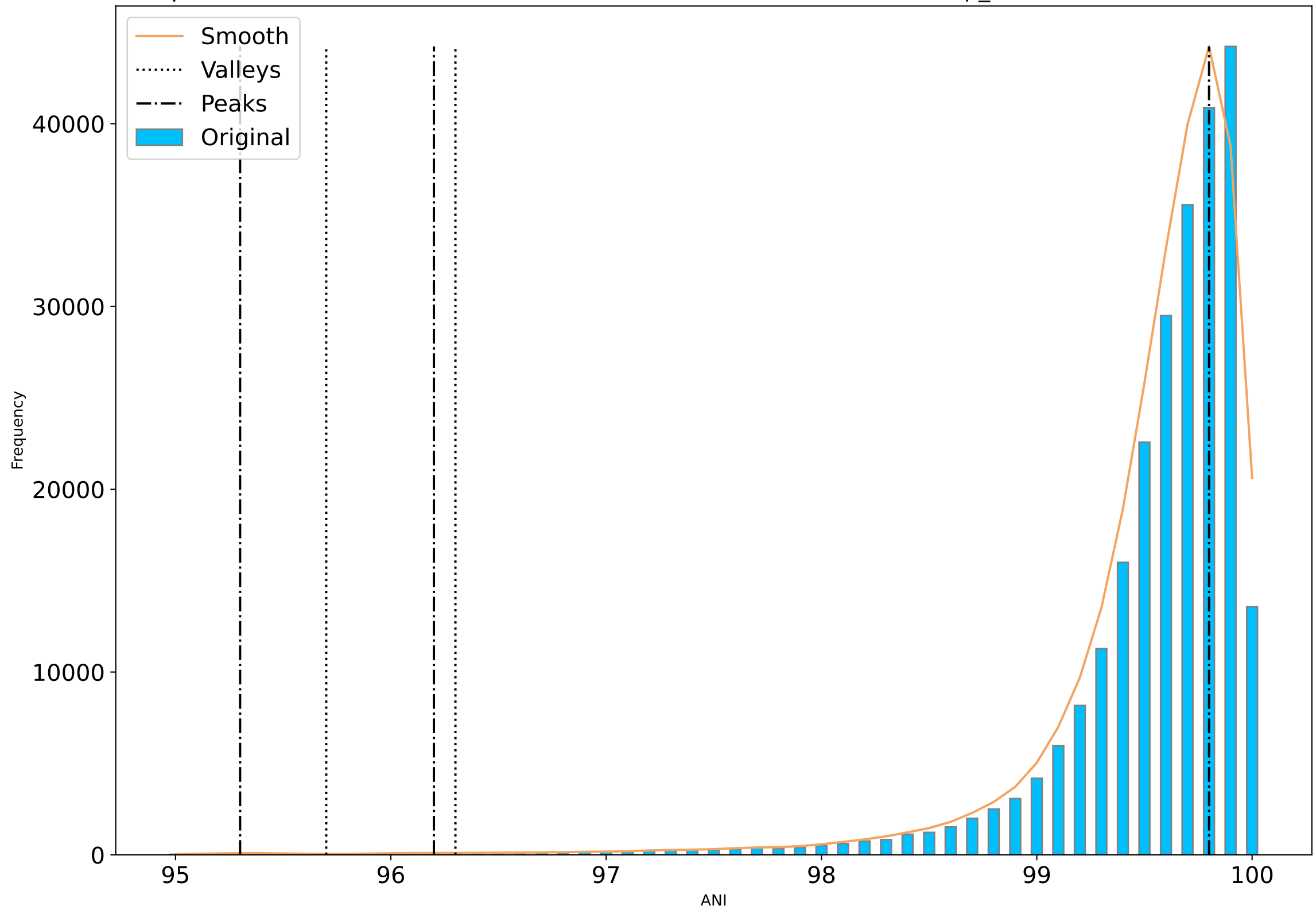


Species_66

Group 2

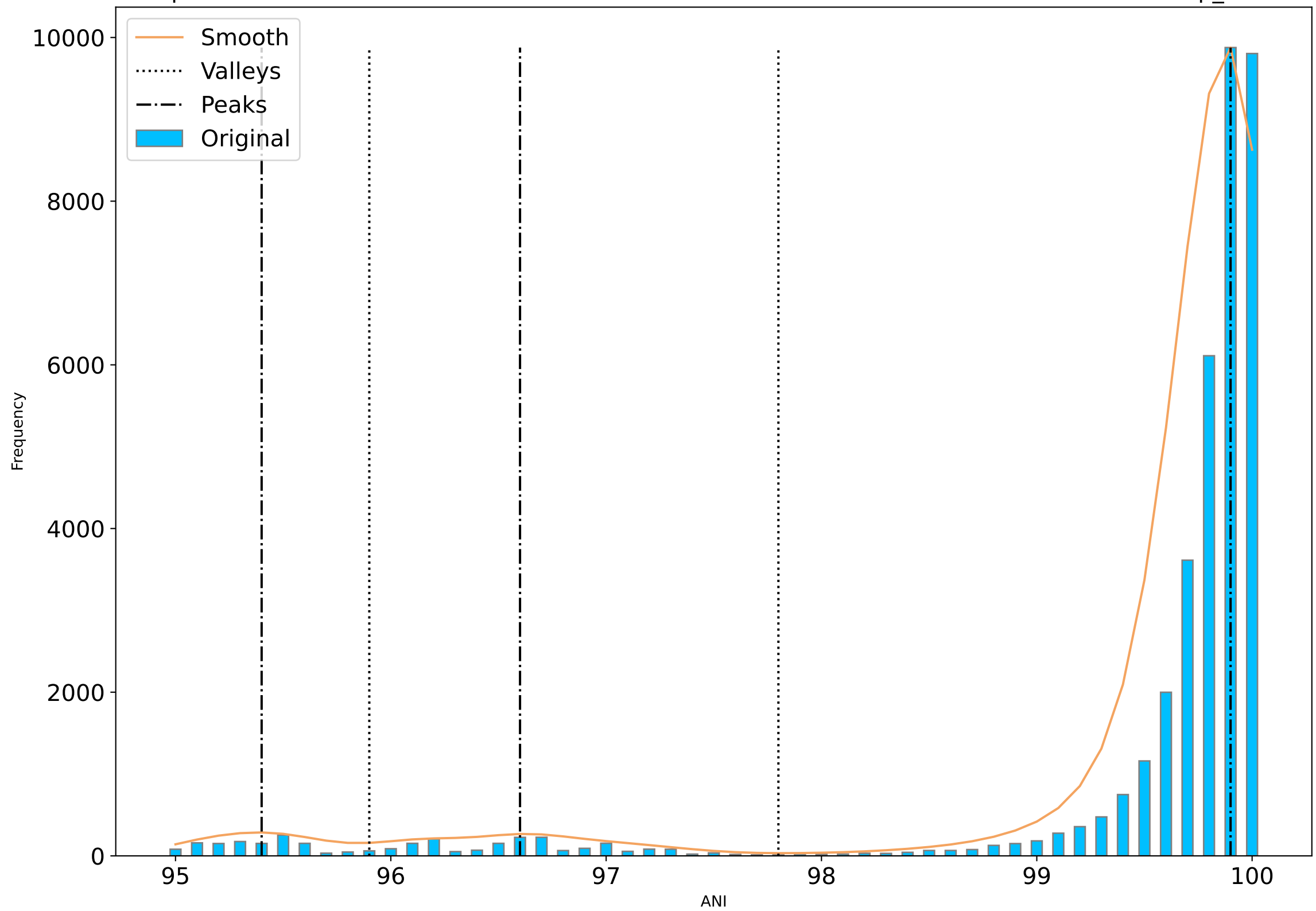
Norm_test 0.0

Dip_test 0.01161439411997467



Species_67
Group 2

Norm_test 0.0
Dip_test 0.0

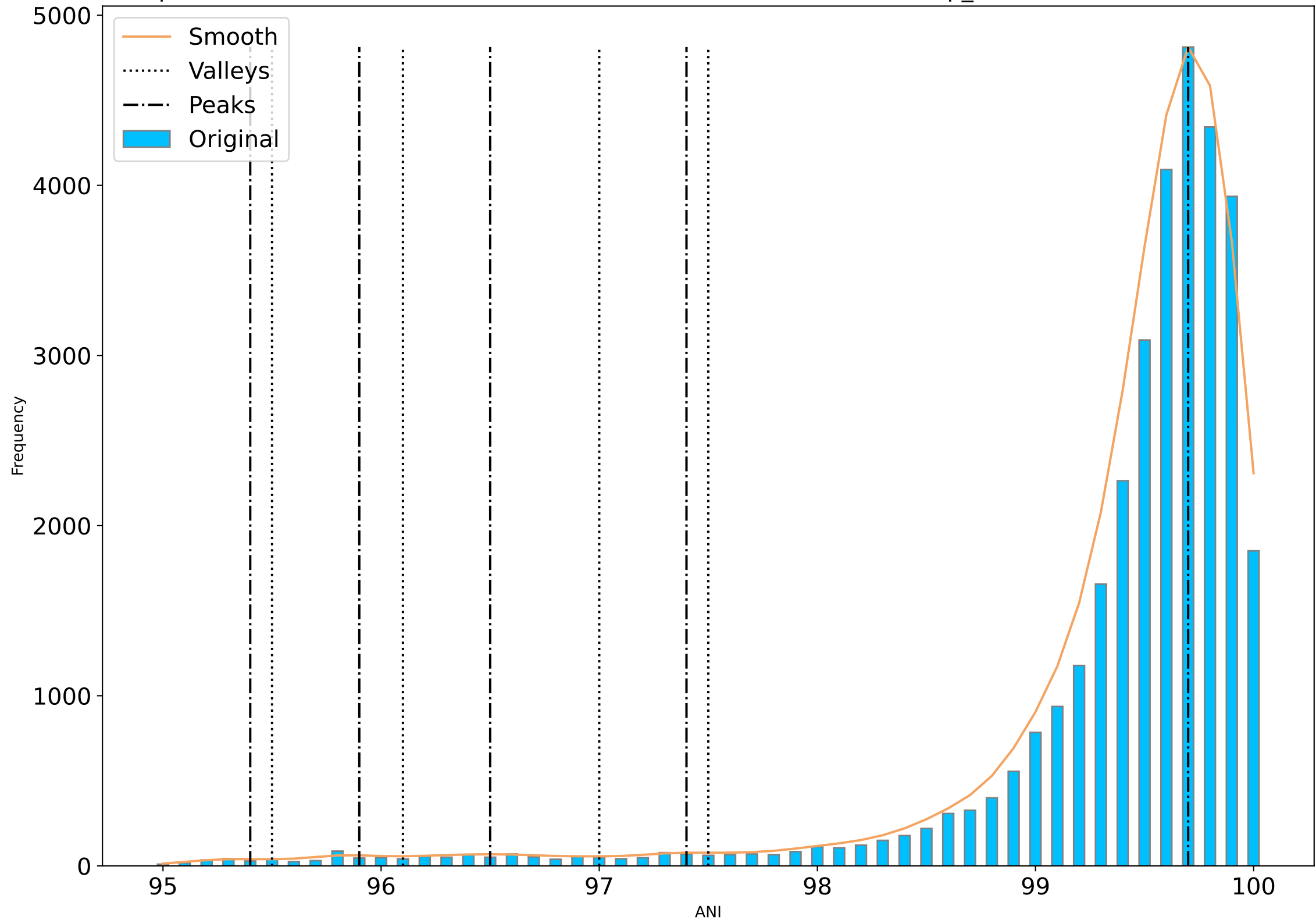


Species_69

Group 3

Norm_test 0.0

Dip_test 0.036680520308519315

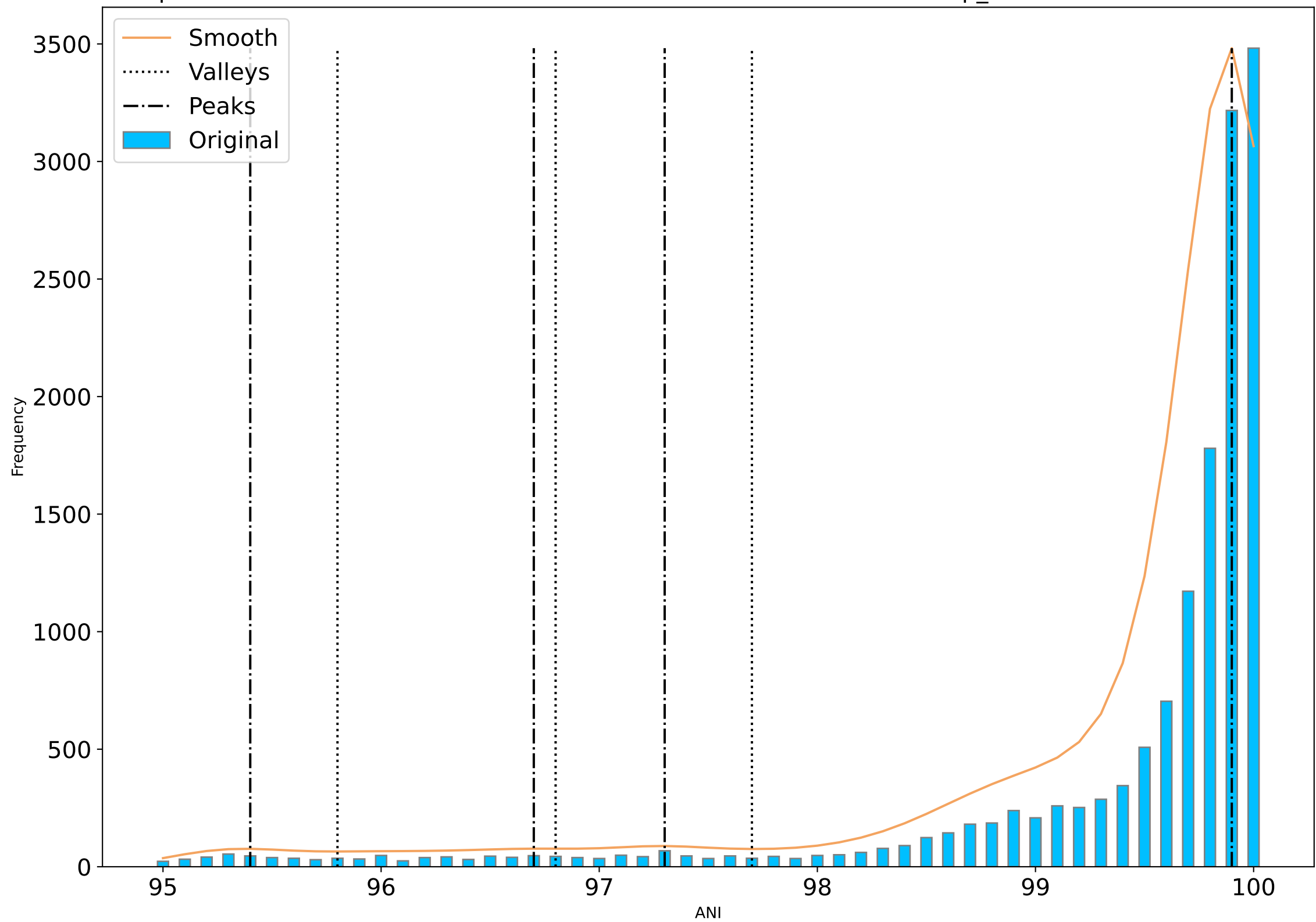


Species_70

Group 3

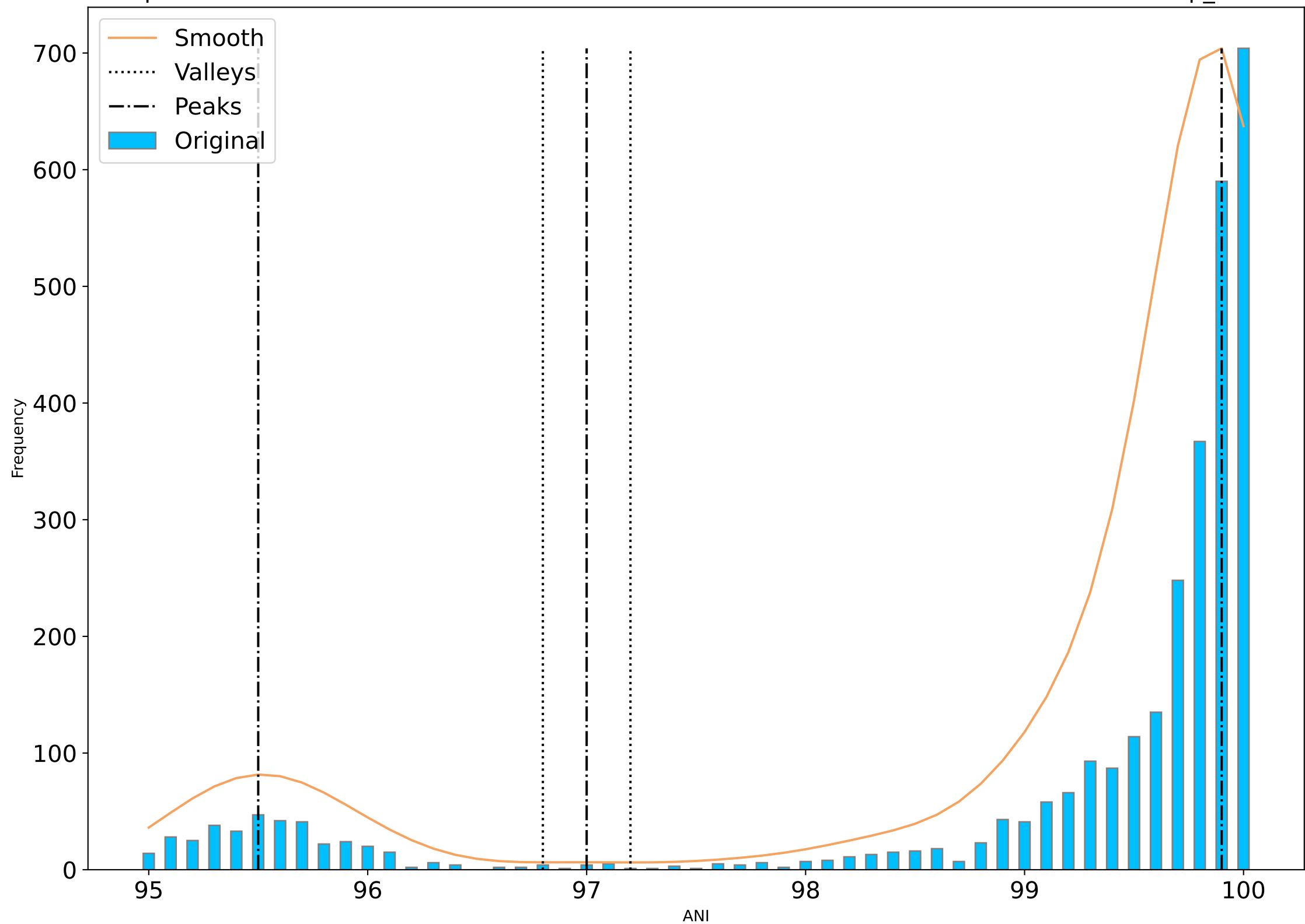
Norm_test 0.0

Dip_test 0.01764016159338344



Species_71
Group 3

Norm_test 2.1212746085276894e-243
Dip_test 0.0

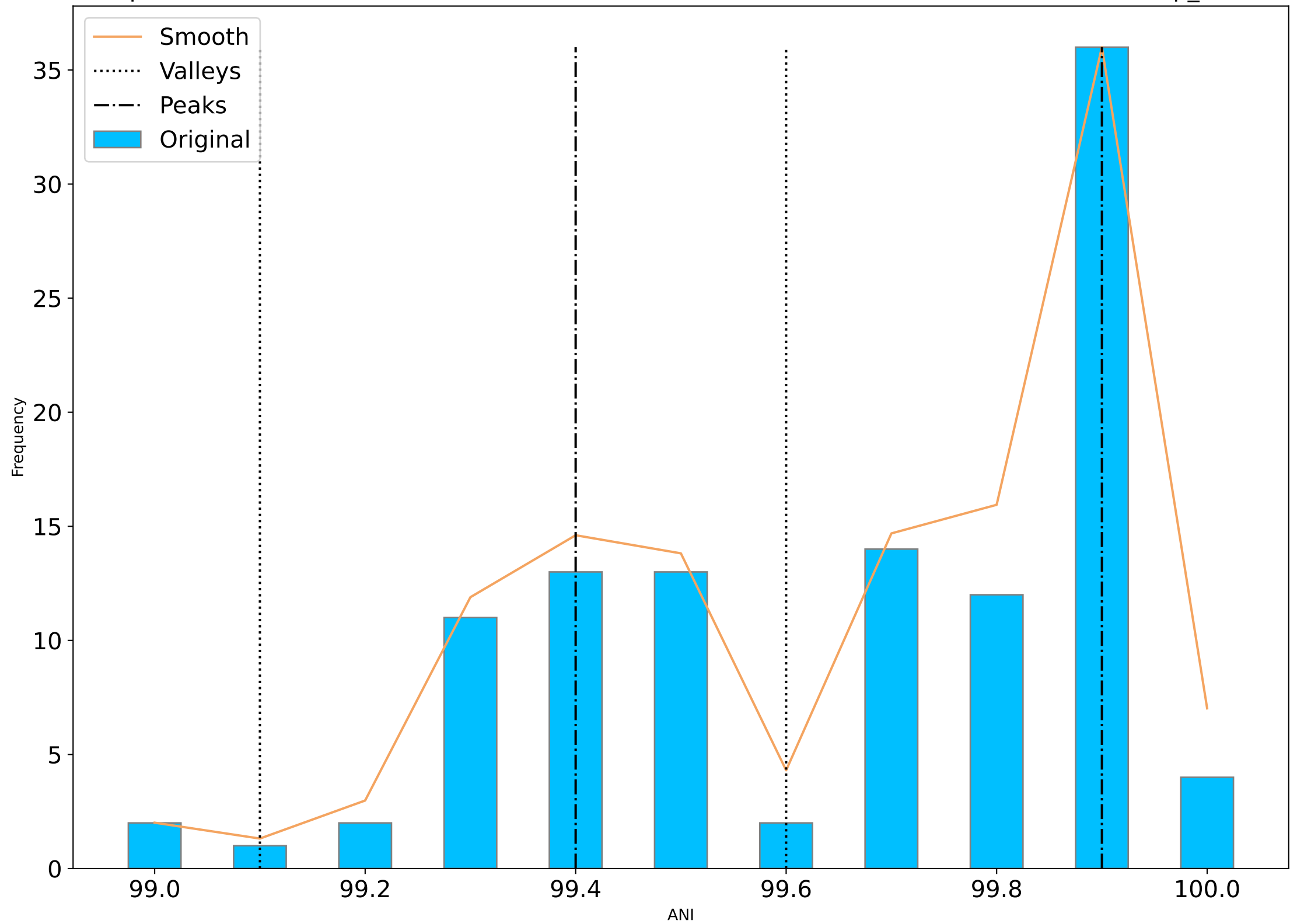


Species_72

Group 2

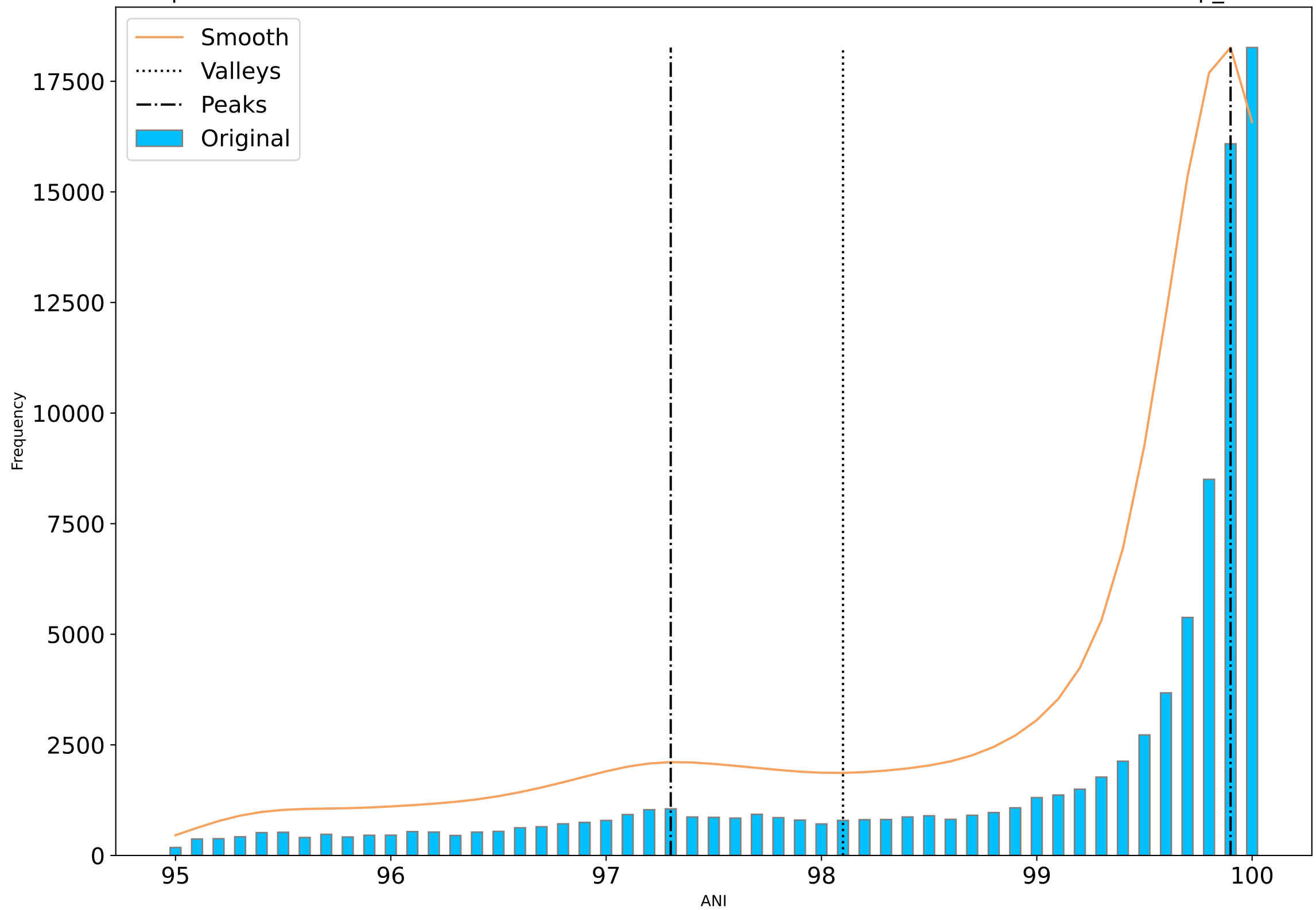
Norm_test 0.0014234773932509767

Dip_test 0.0



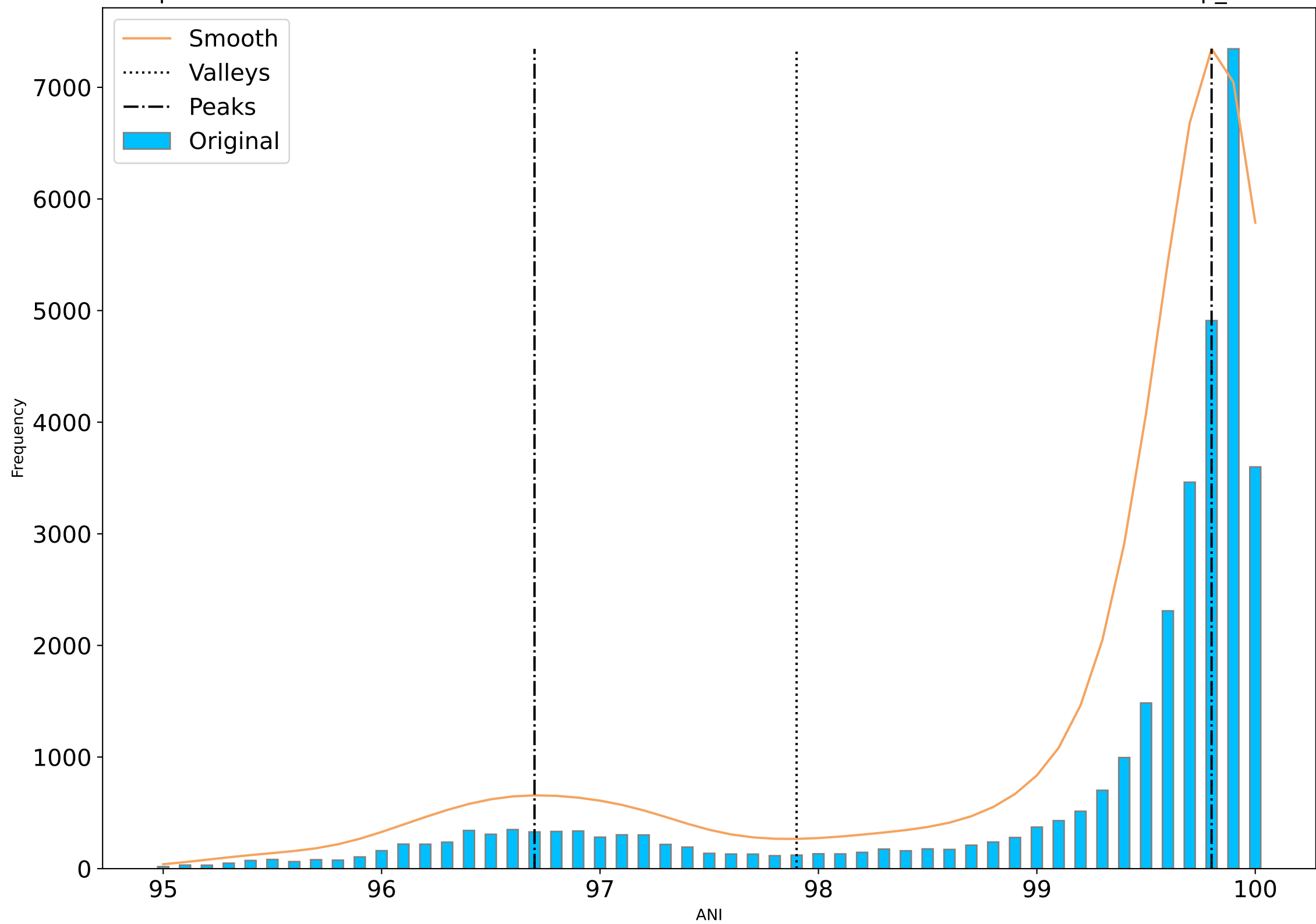
Species_73
Group 3

Norm_test 0.0
Dip_test 0.0



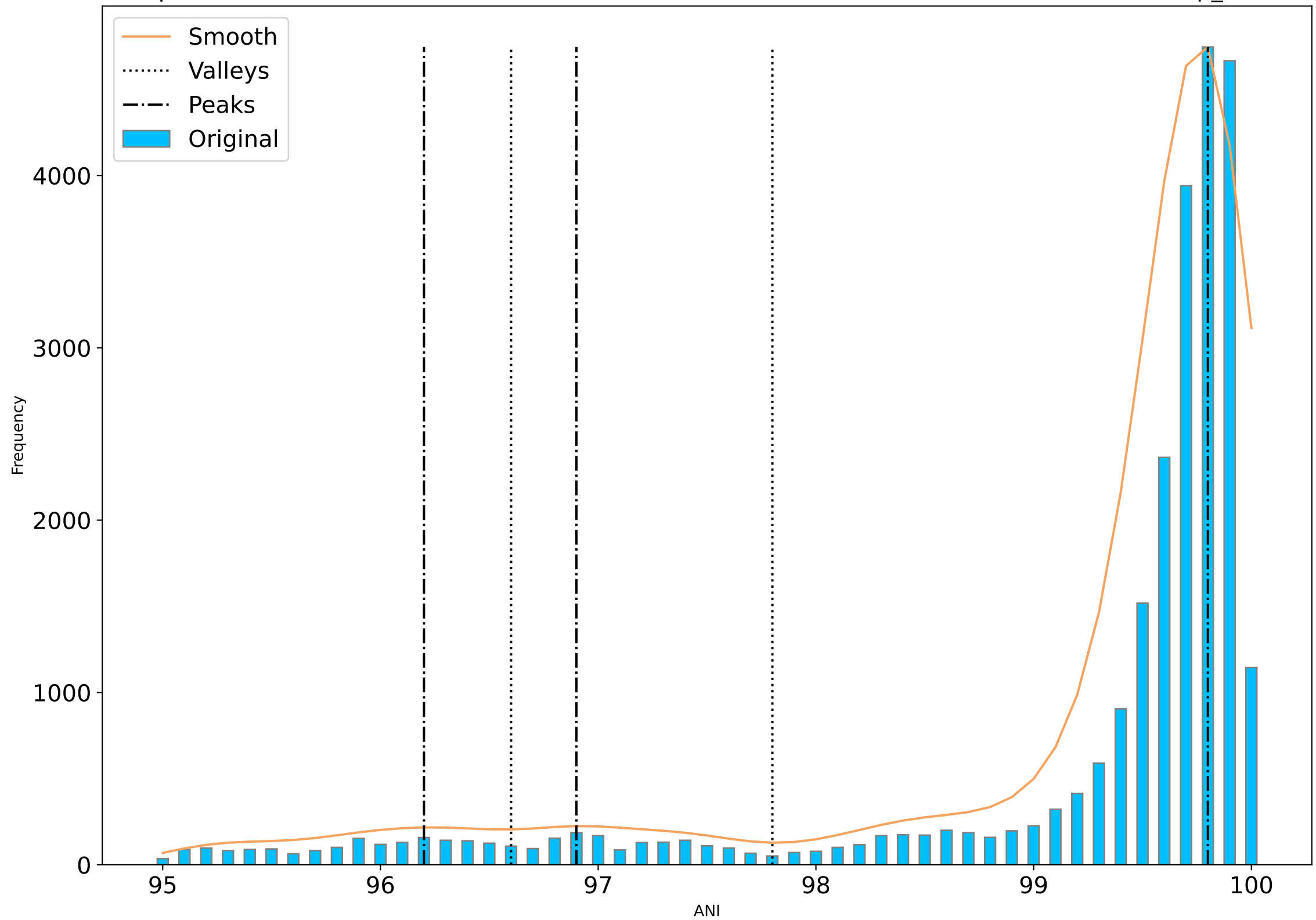
Species_74
Group 3

Norm_test 0.0
Dip_test 0.0



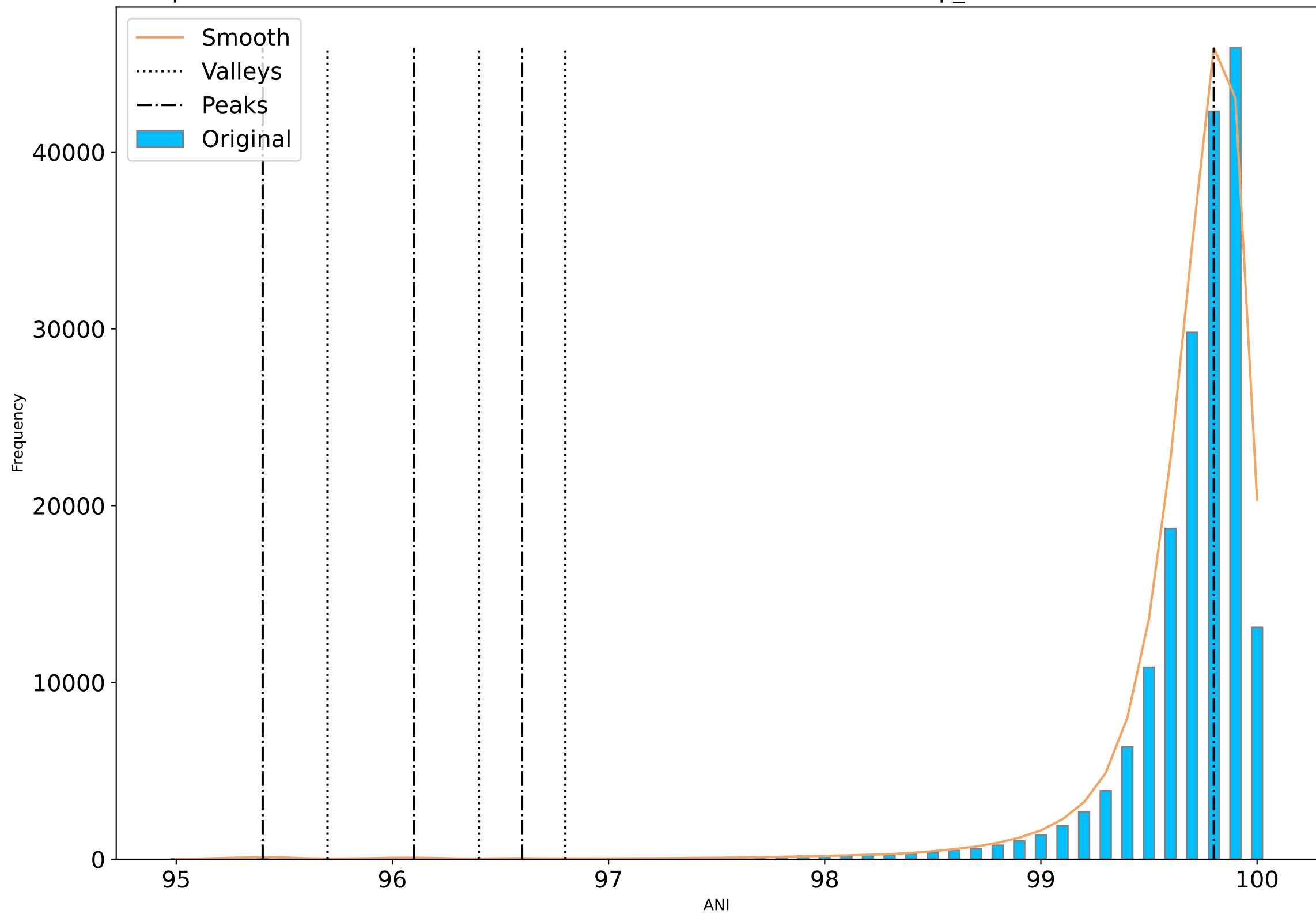
Species_76
Group 3

Norm_test 0.0
Dip_test 0.0



Species_78
Group 2

Norm_test 0.0
Dip_test 0.0007868400702514267

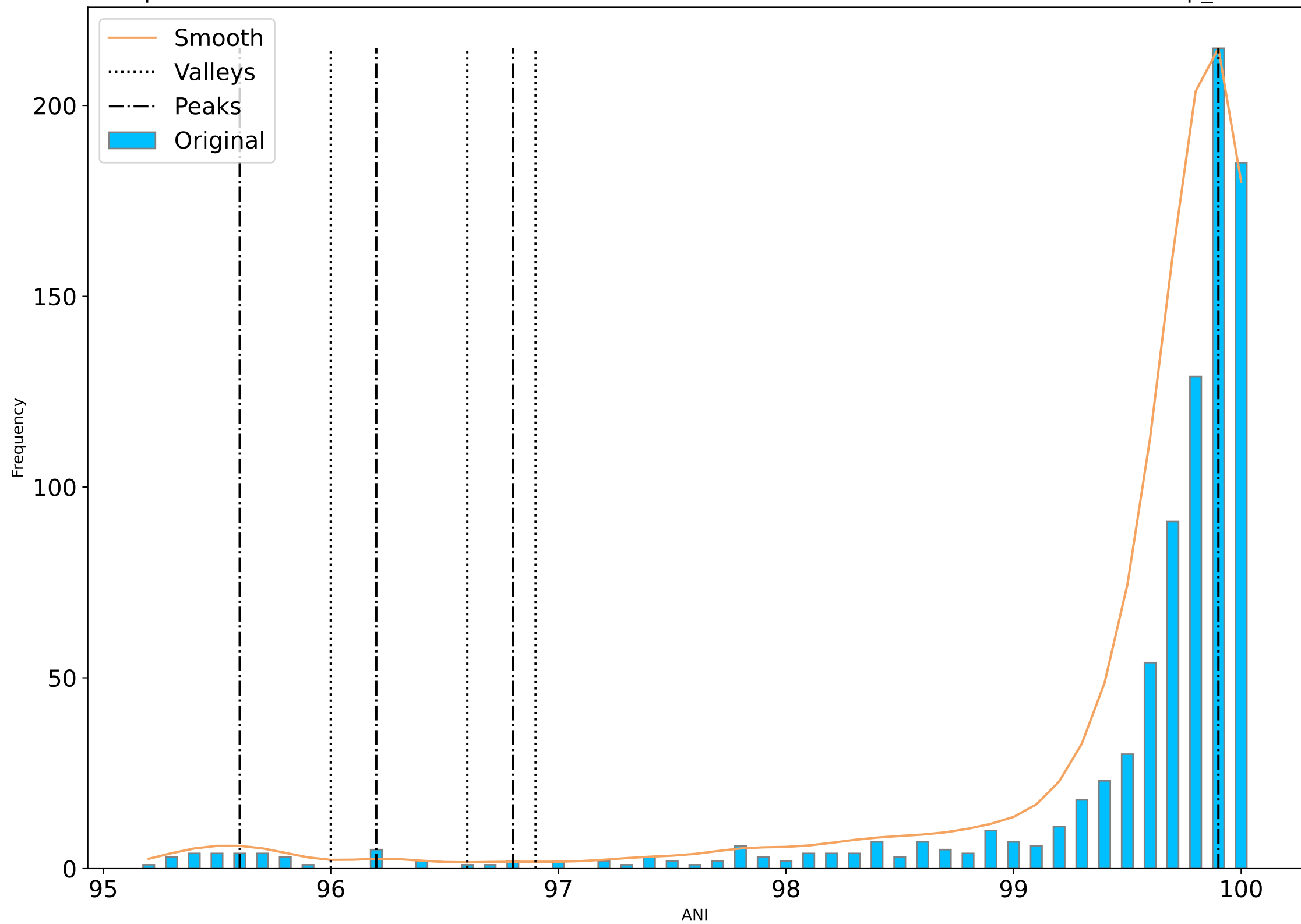


Species_79

Group 2

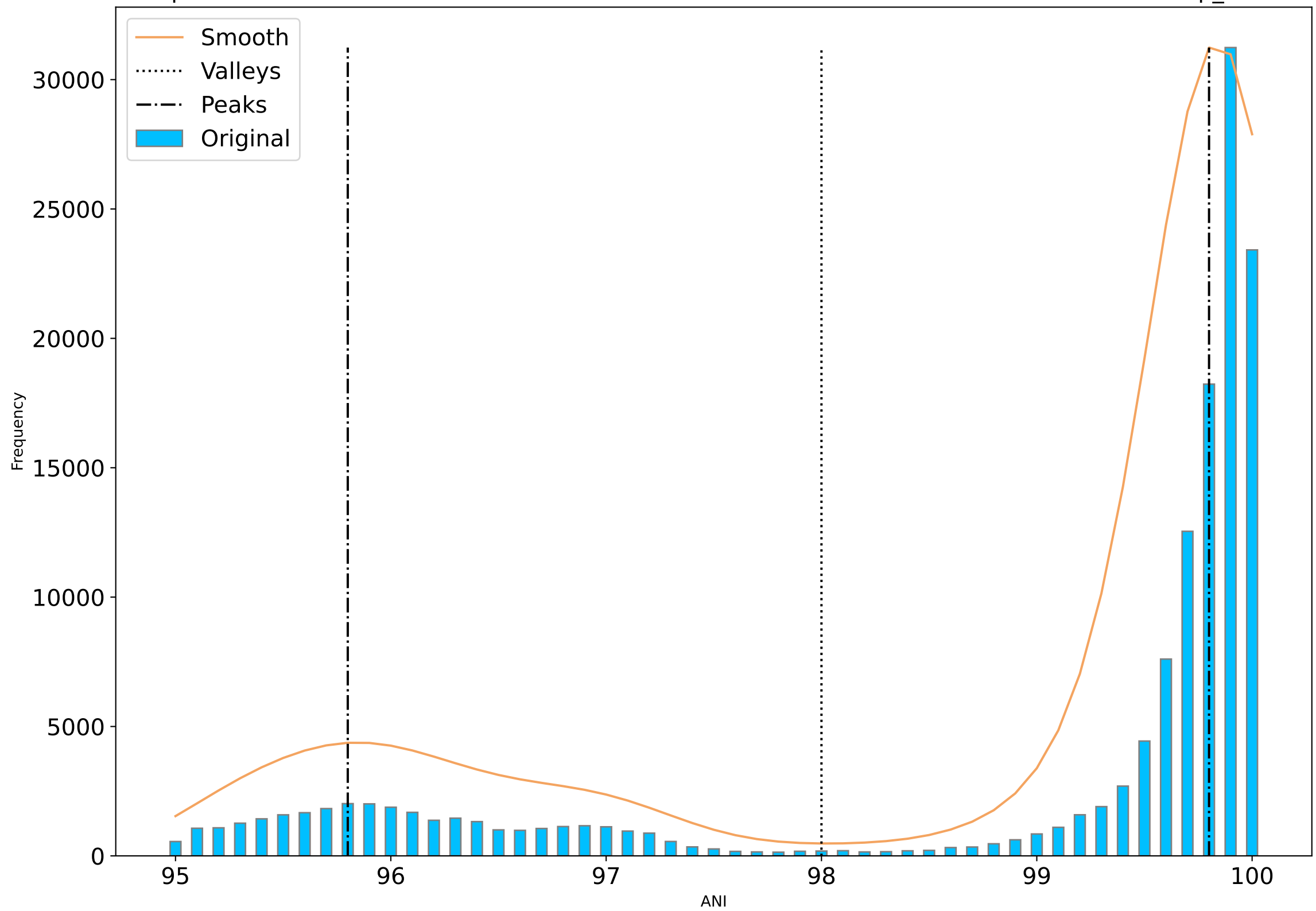
Norm_test 7.215440087974568e-128

Dip_test 0.0



Species_80
Group 3

Norm_test 0.0
Dip_test 0.0

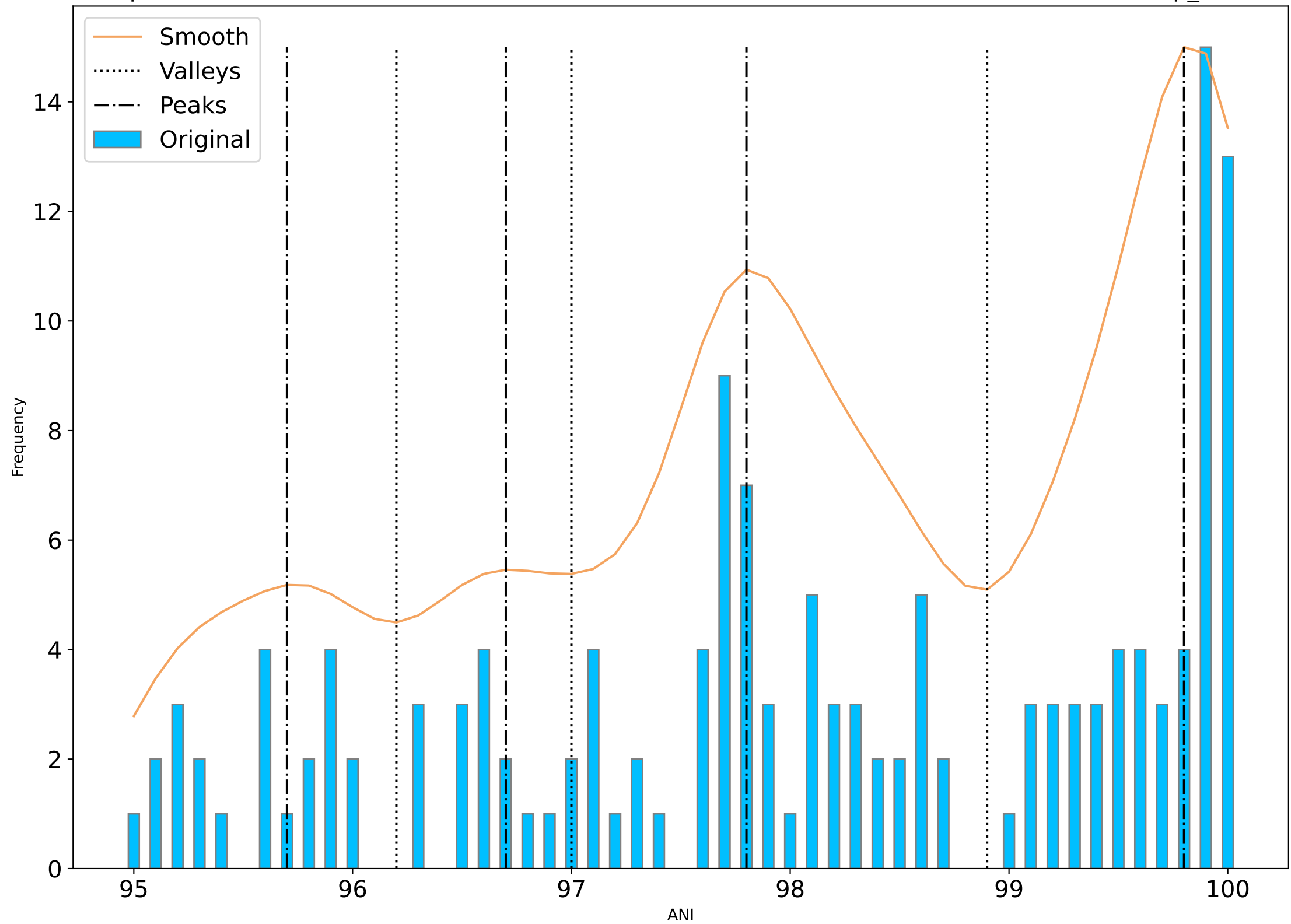


Species_82

Group 1

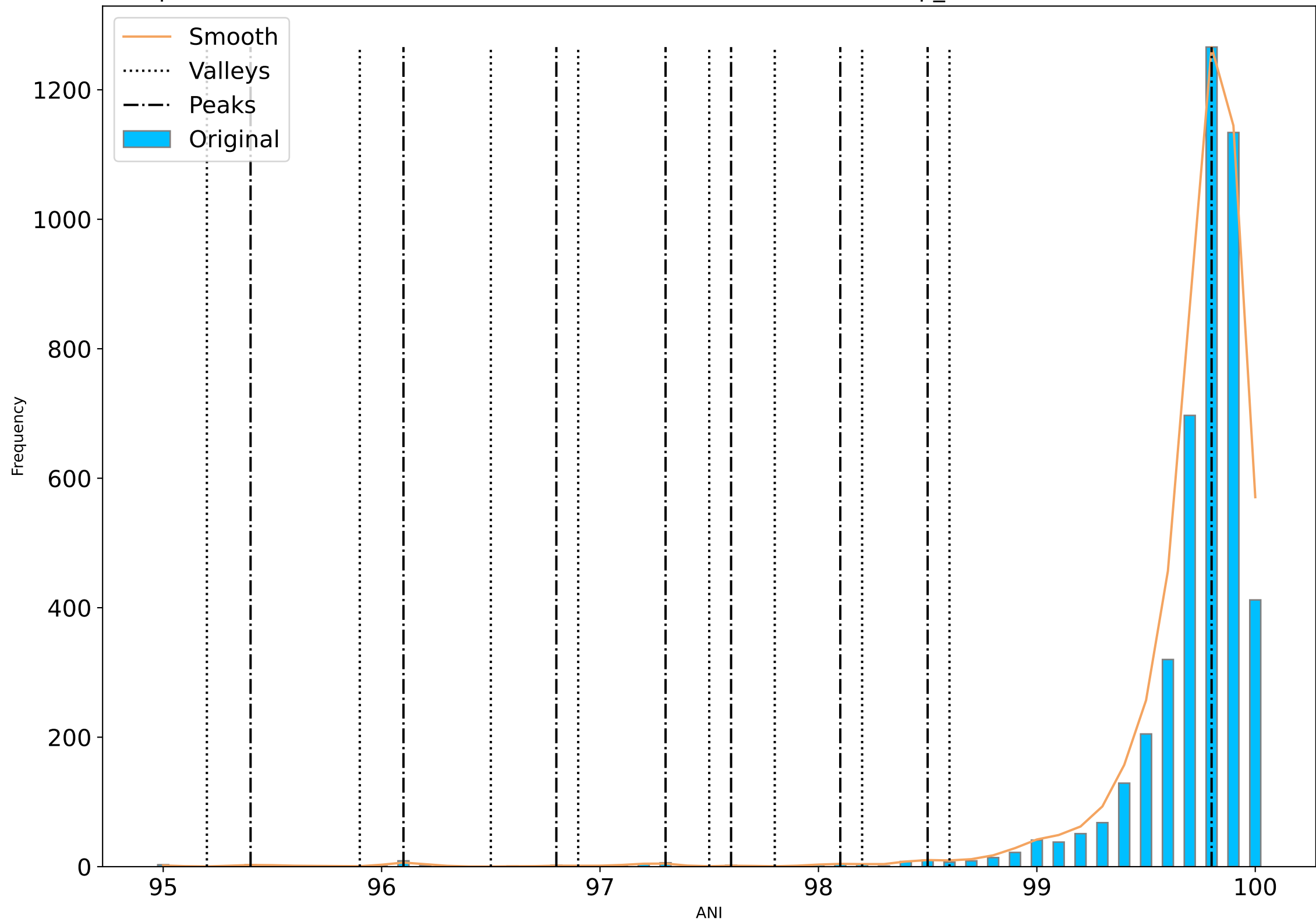
Norm_test 2.213232417858161e-07

Dip_test 0.0



Species_83
Group 2

Norm_test 0.0
Dip_test 0.00030318071294521687

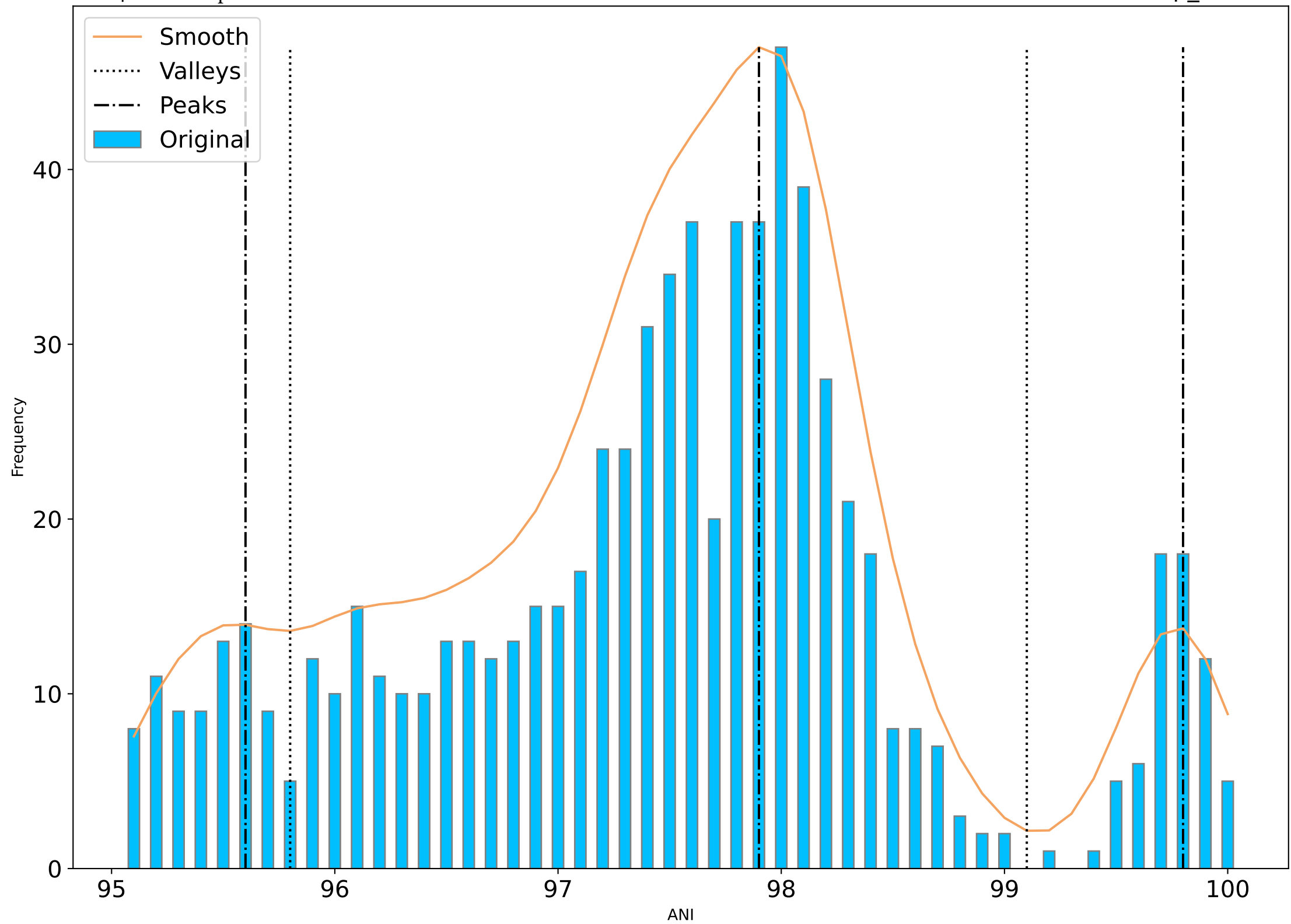


Species_84

Norm_test 0.6277056605199223

~~Group 3~~ Group 1

Dip_test 0.0

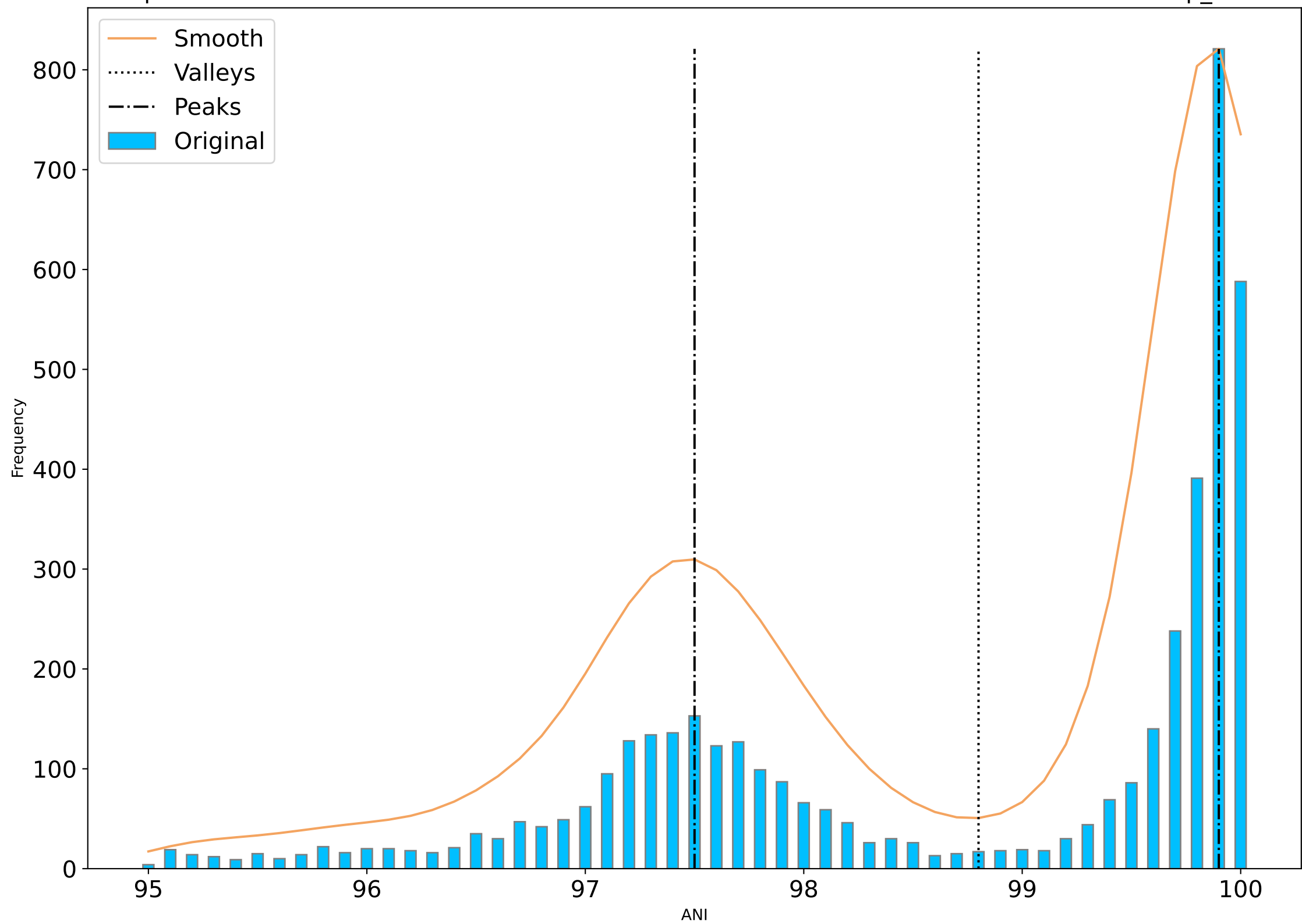


Species_86

Group 1

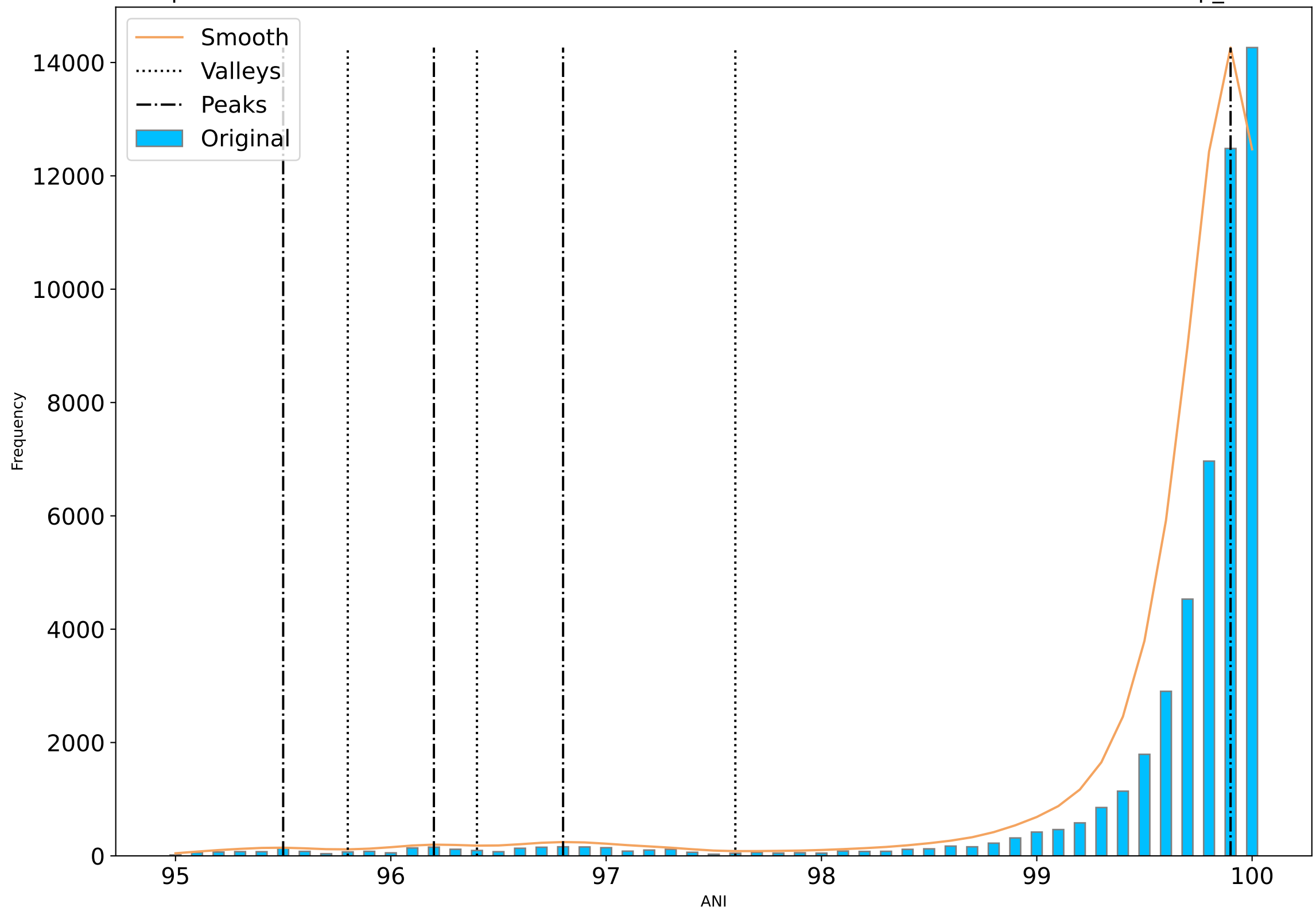
Norm_test 6.032172171079064e-157

Dip_test 0.0



Species_87
Group 2

Norm_test 0.0
Dip_test 0.0

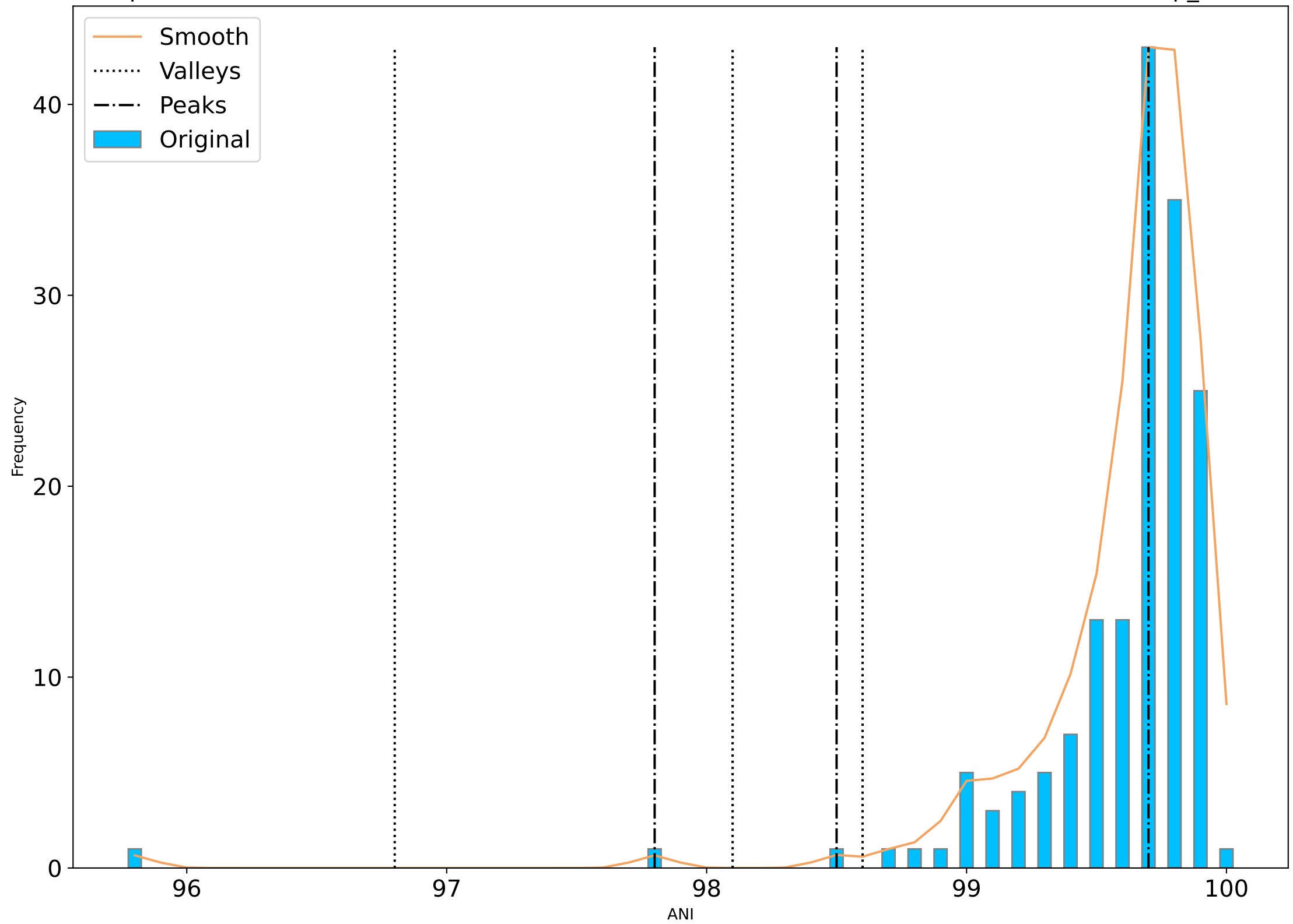


Species_88

Group 2

Norm_test 7.952854469396574e-46

Dip_test 0.0

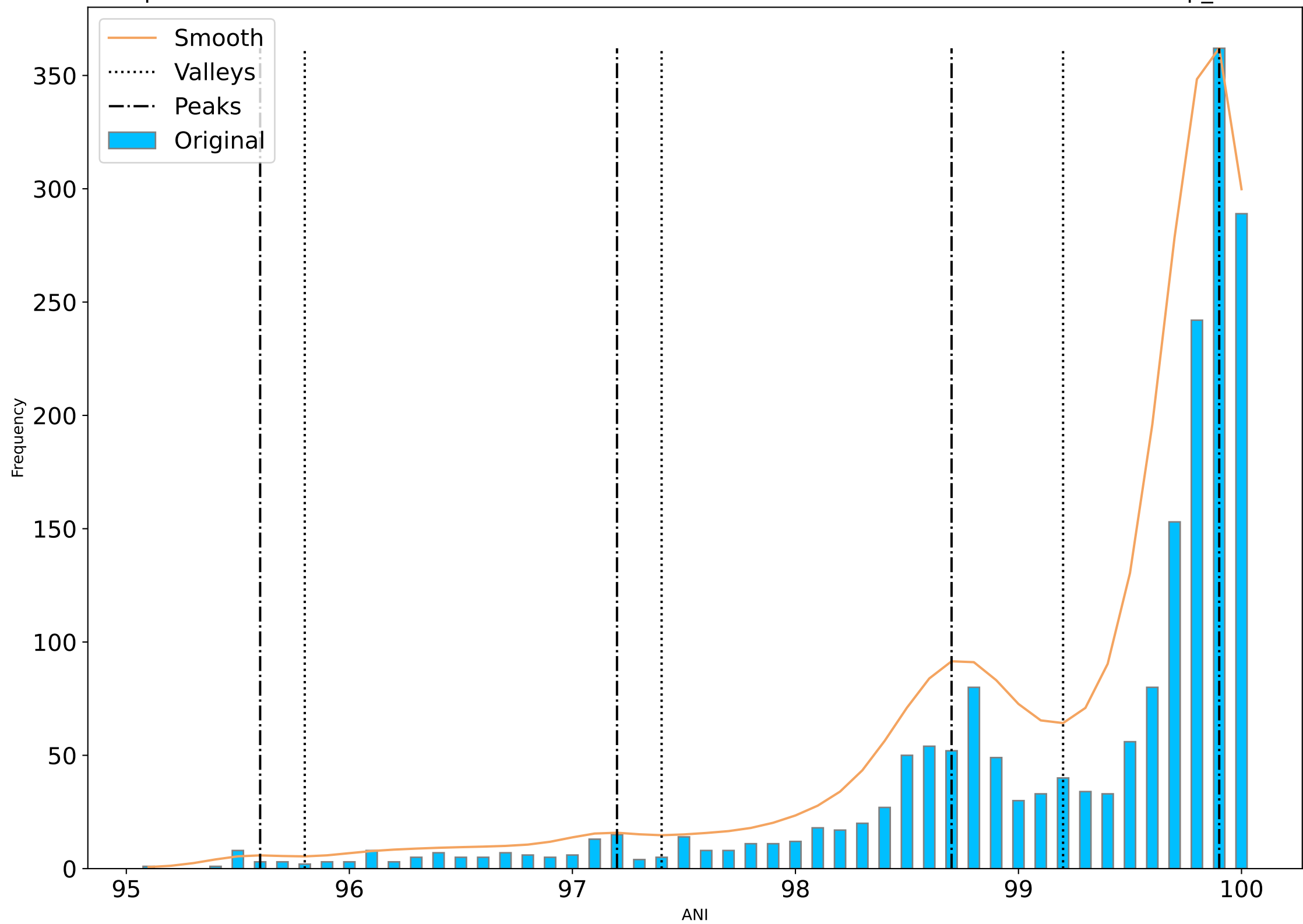


Species_89

Group 1

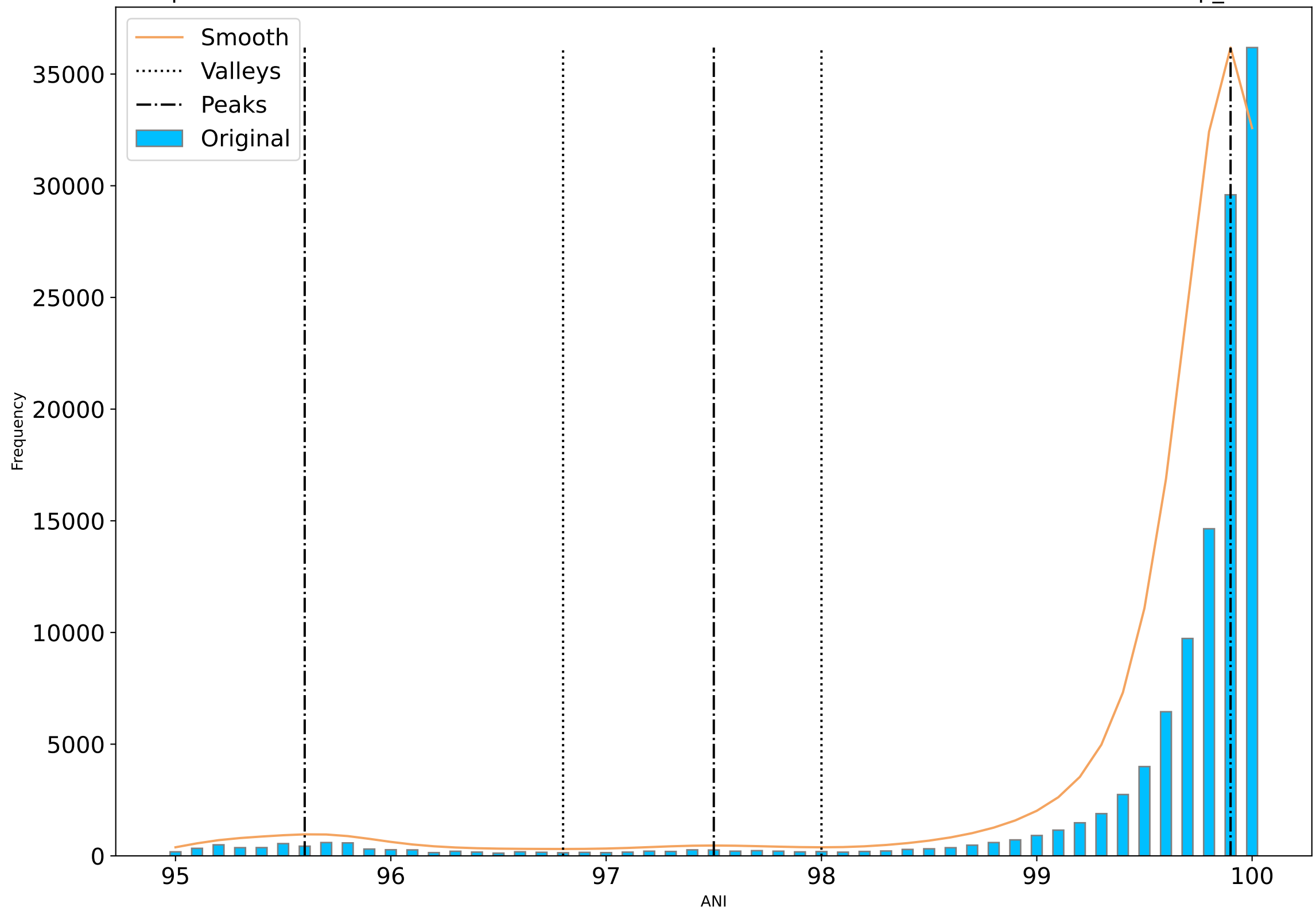
Norm_test 6.237043259714671e-146

Dip_test 0.0



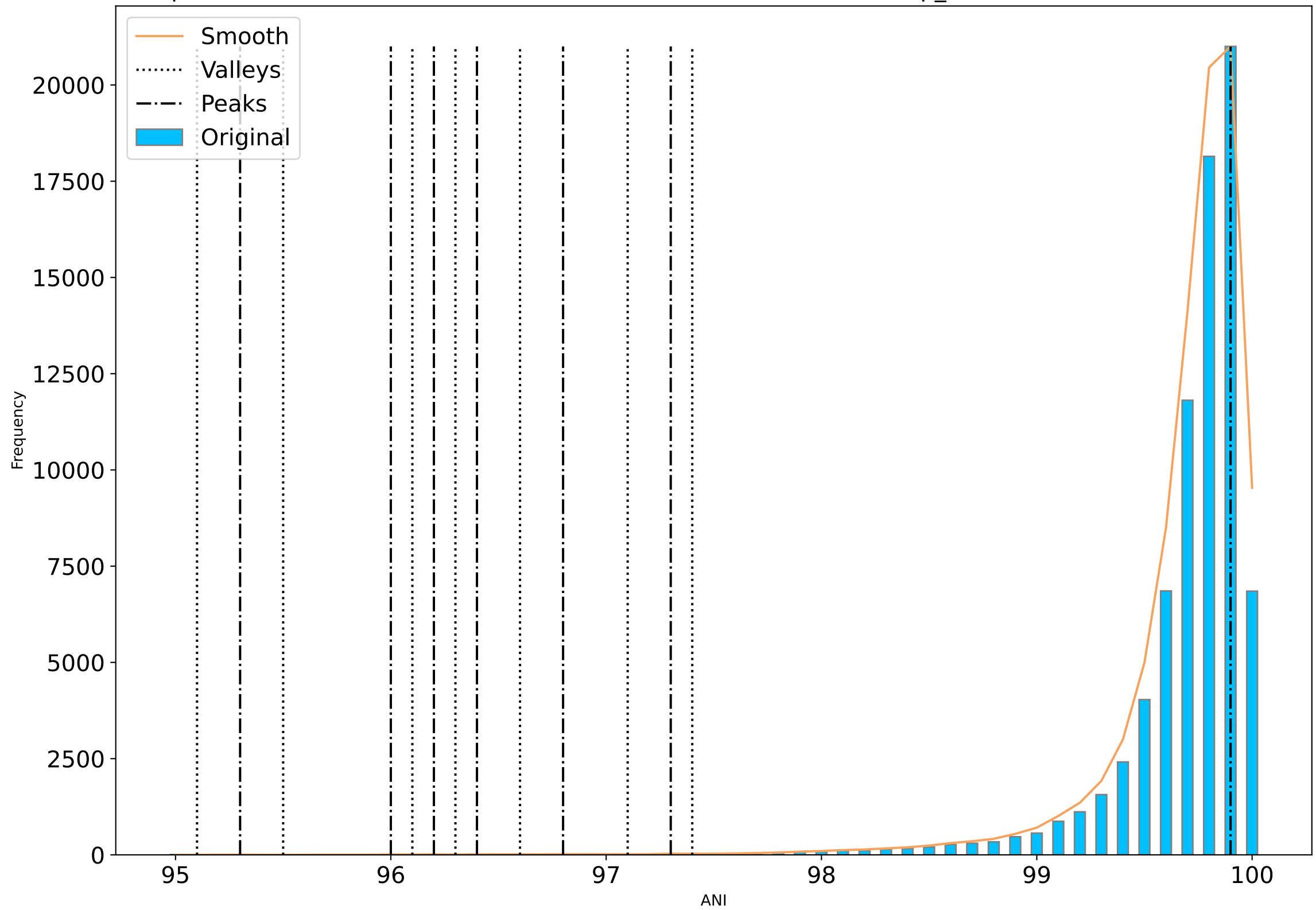
Species_90
Group 2

Norm_test 0.0
Dip_test 0.0



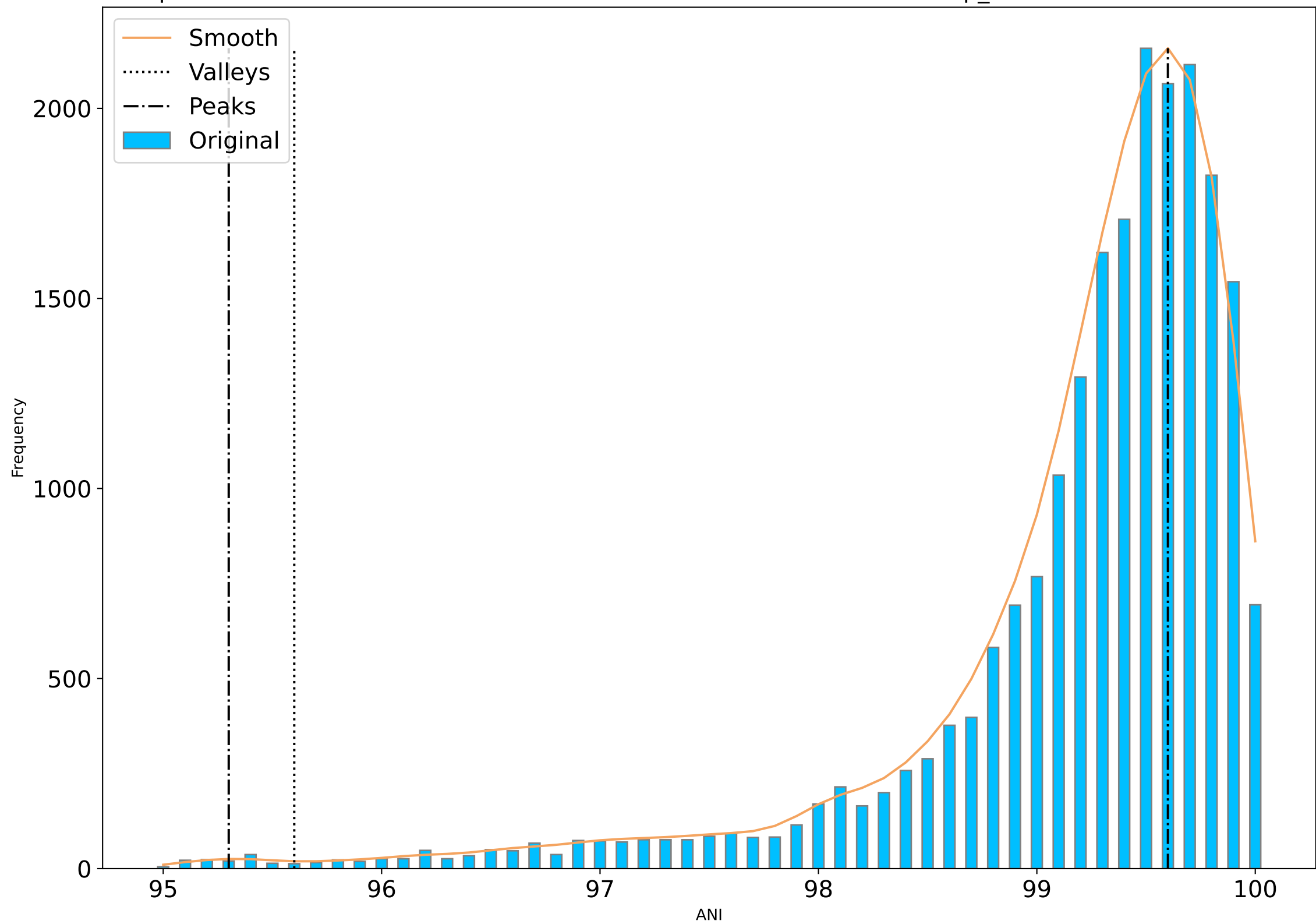
Species_91
Group 2

Norm_test 0.0
Dip_test 0.00038092100830933173



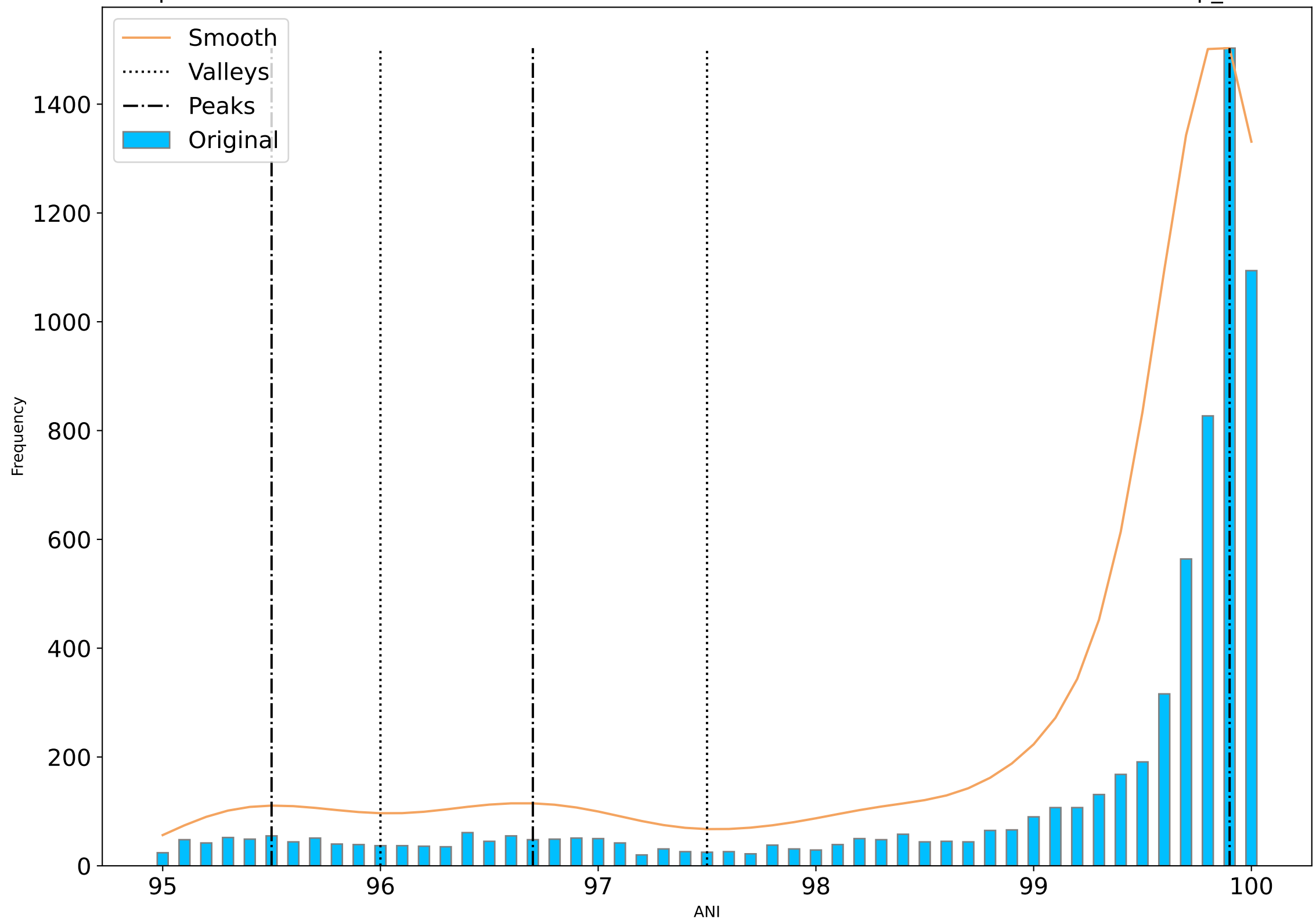
Species_94
Group 3

Norm_test 0.0
Dip_test 0.13901100470921535



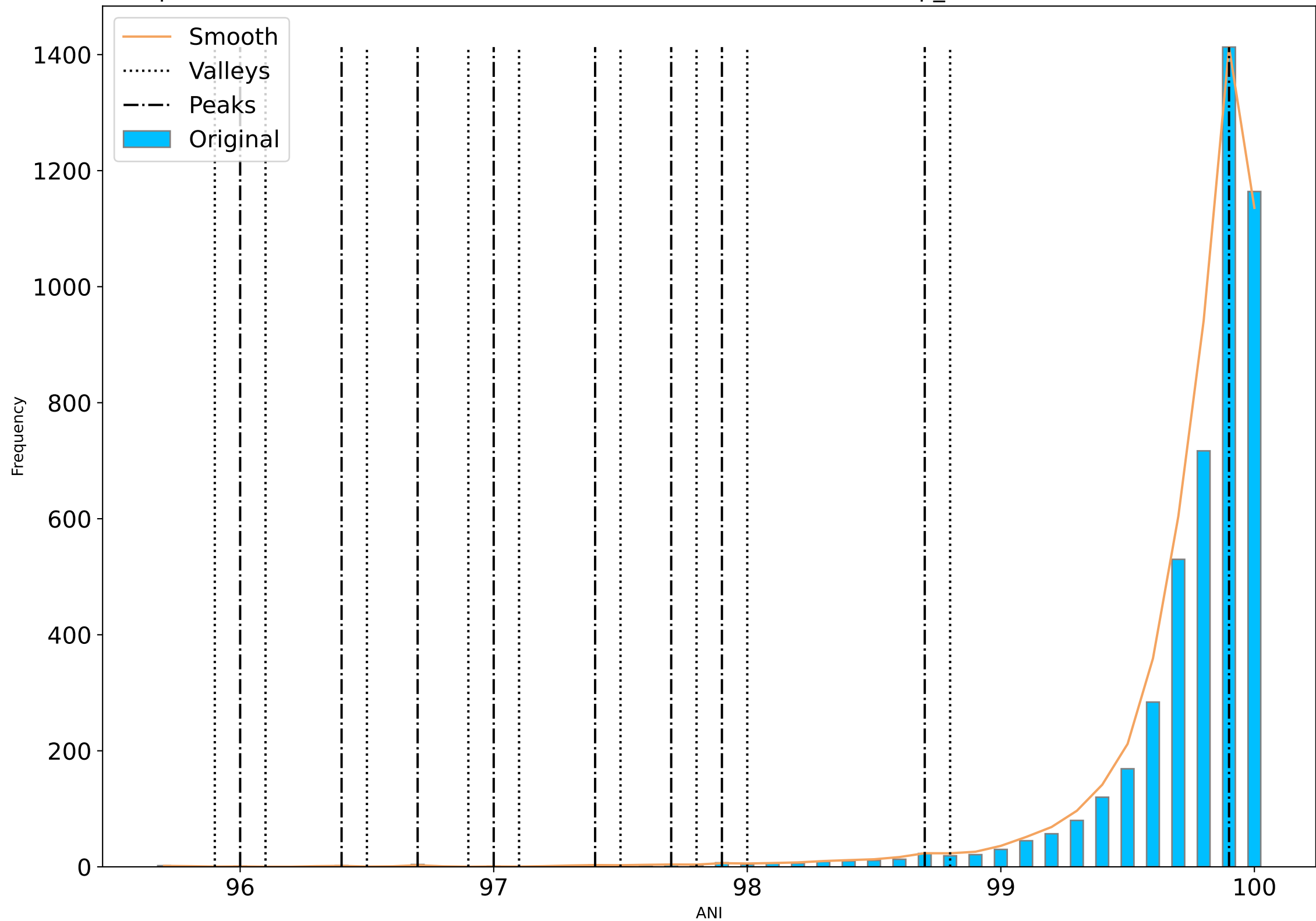
Species_96
Group 3

Norm_test 0.0
Dip_test 0.0



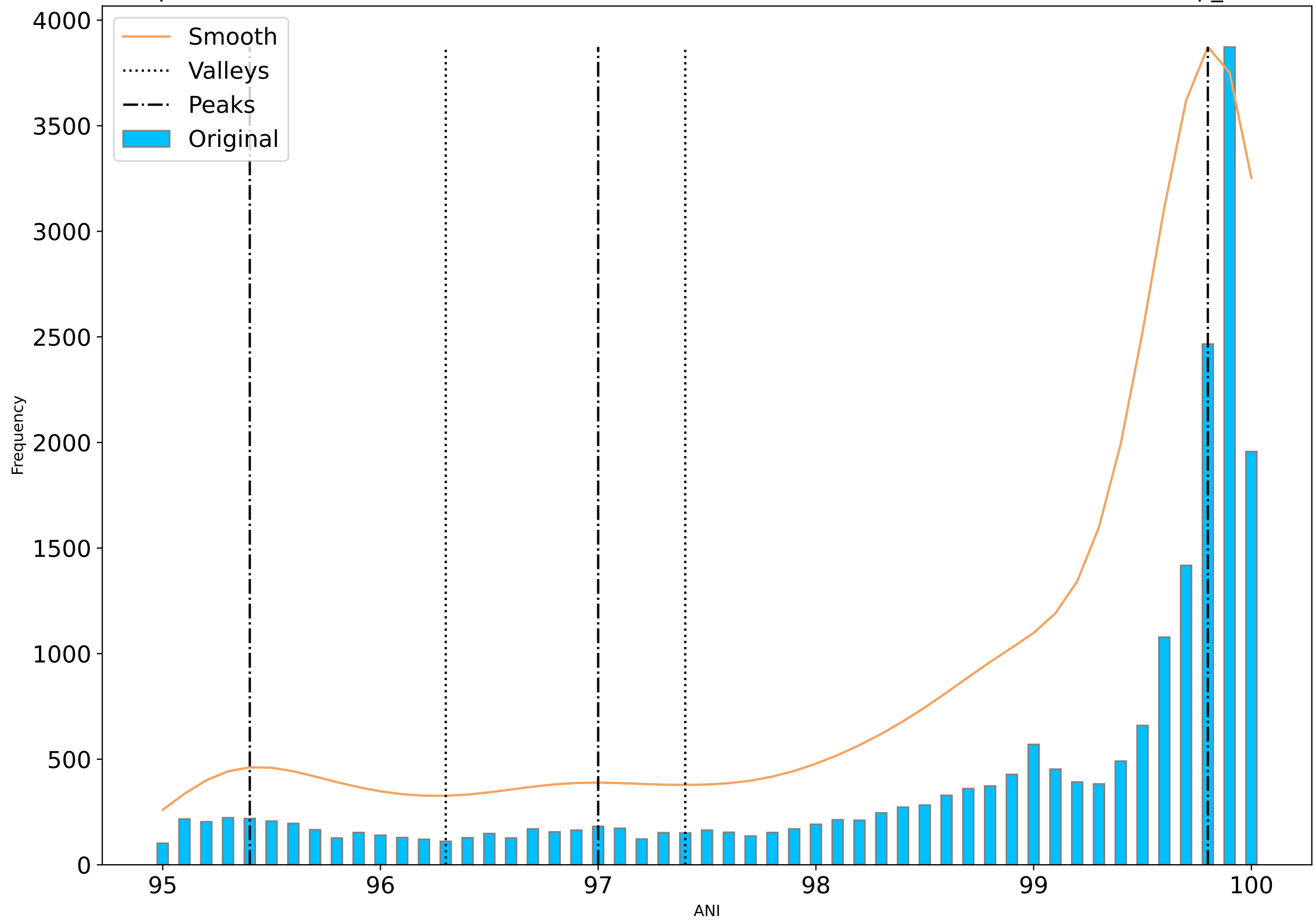
Species_97
Group 2

Norm_test 0.0
Dip_test 0.00015784293270393324



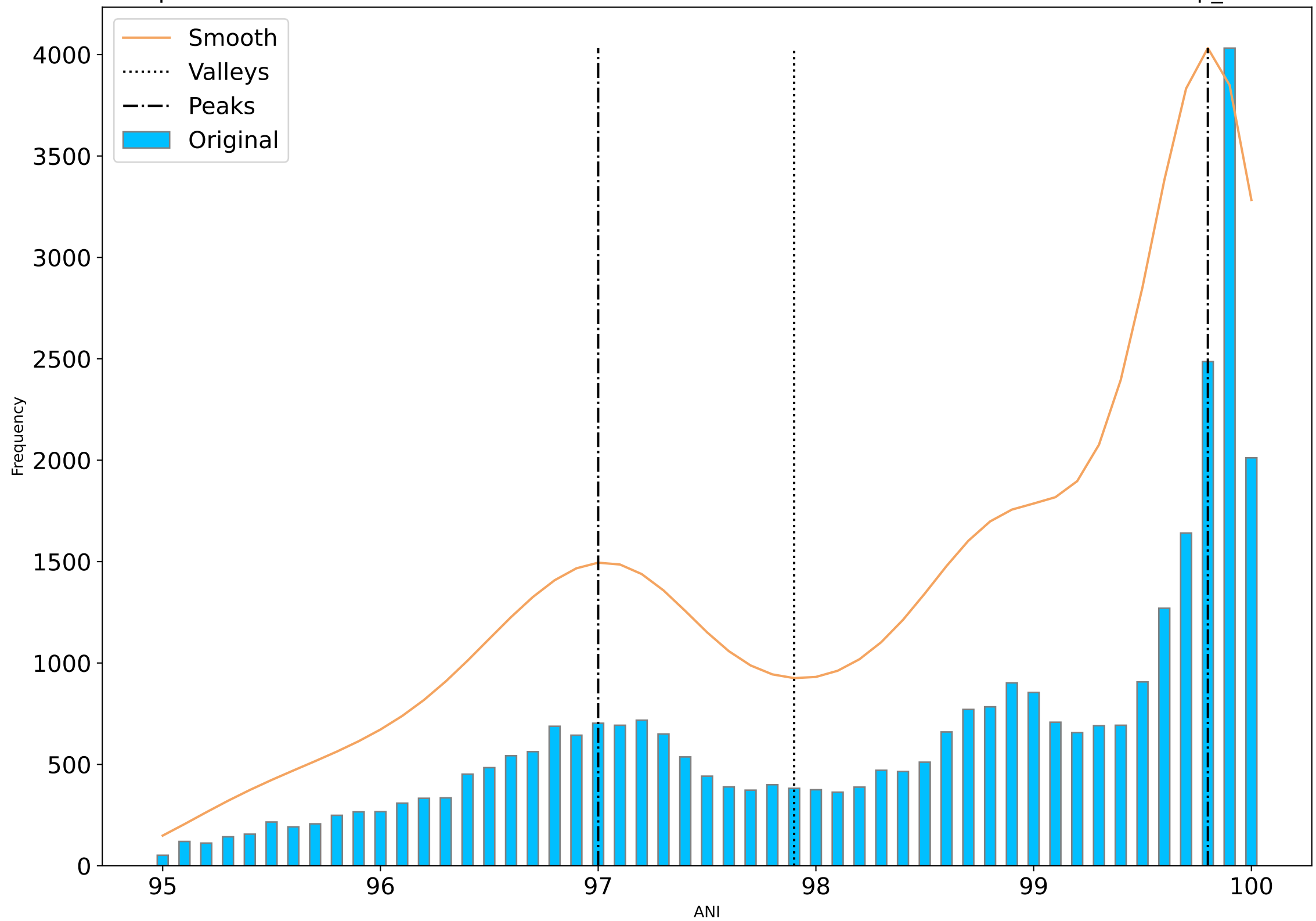
Species_98
Group 3

Norm_test 0.0
Dip_test 0.0



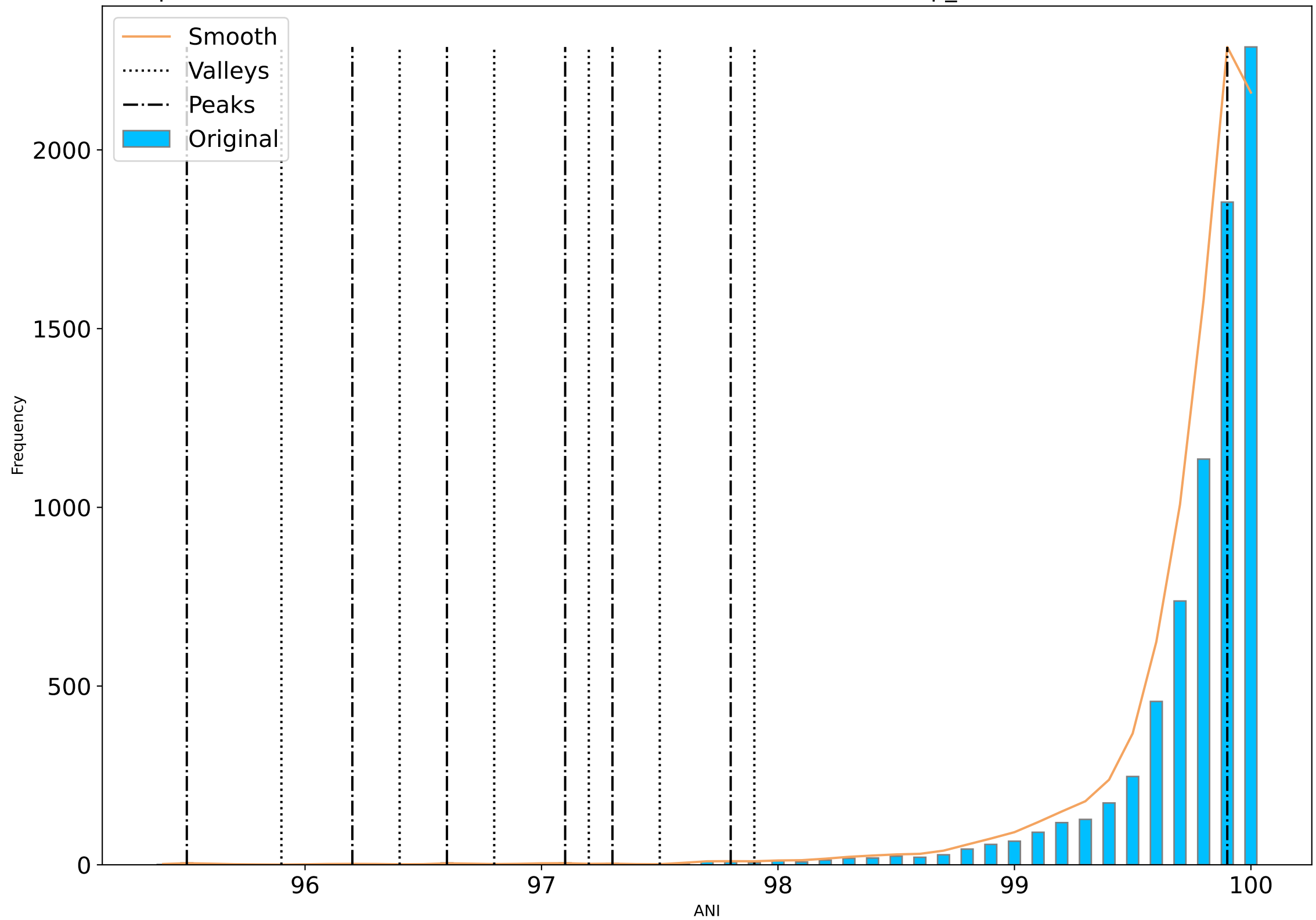
Species_99
Group 3

Norm_test 0.0
Dip_test 0.0



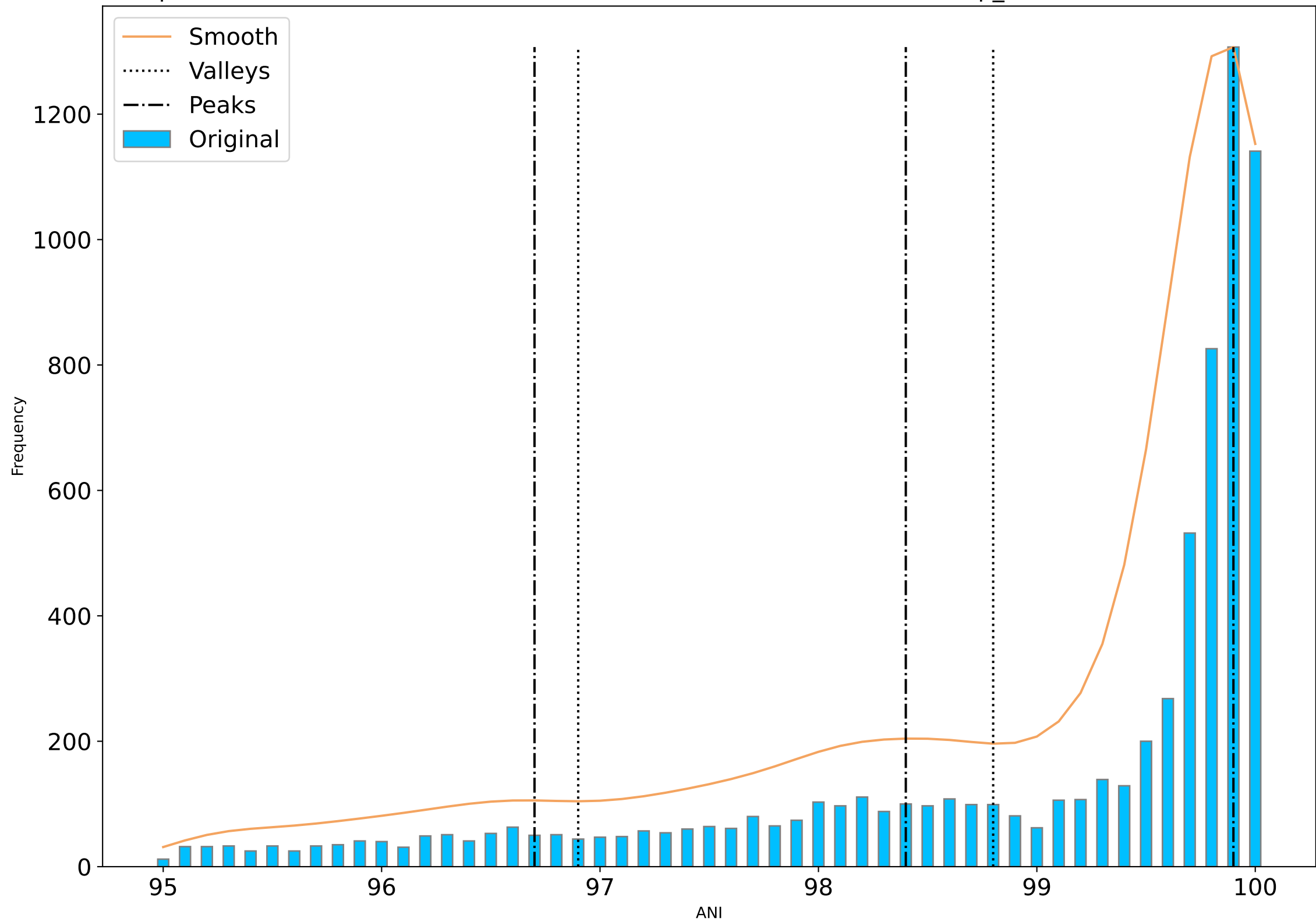
Species_102
Group 2

Norm_test 0.0
Dip_test 0.0002741035195472641



Species_103
Group 3

Norm_test 0.0
Dip_test 0.1091584990476897

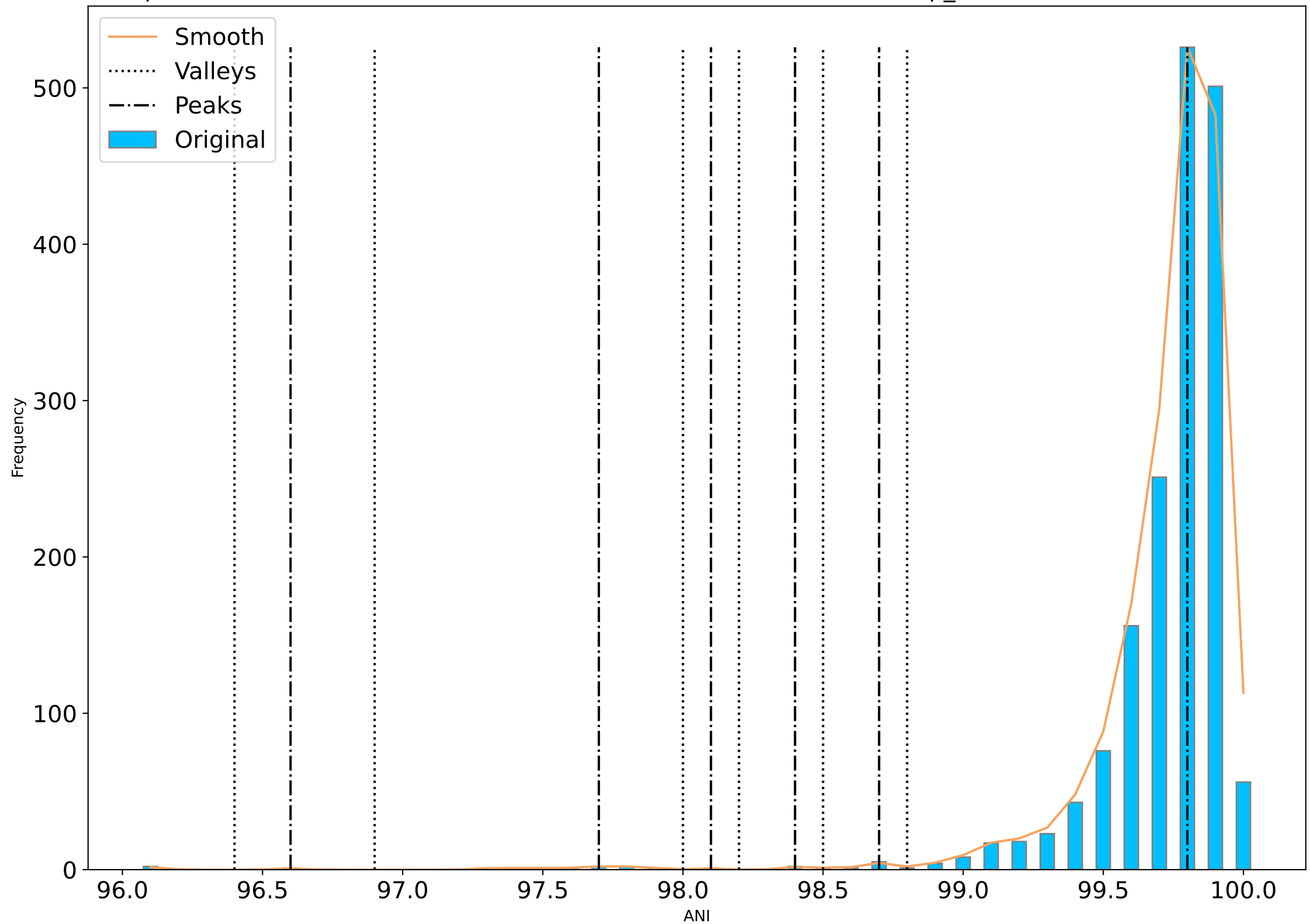


Species_104

Group 2

Norm_test 0.0

Dip_test 4.700349997333042e-05

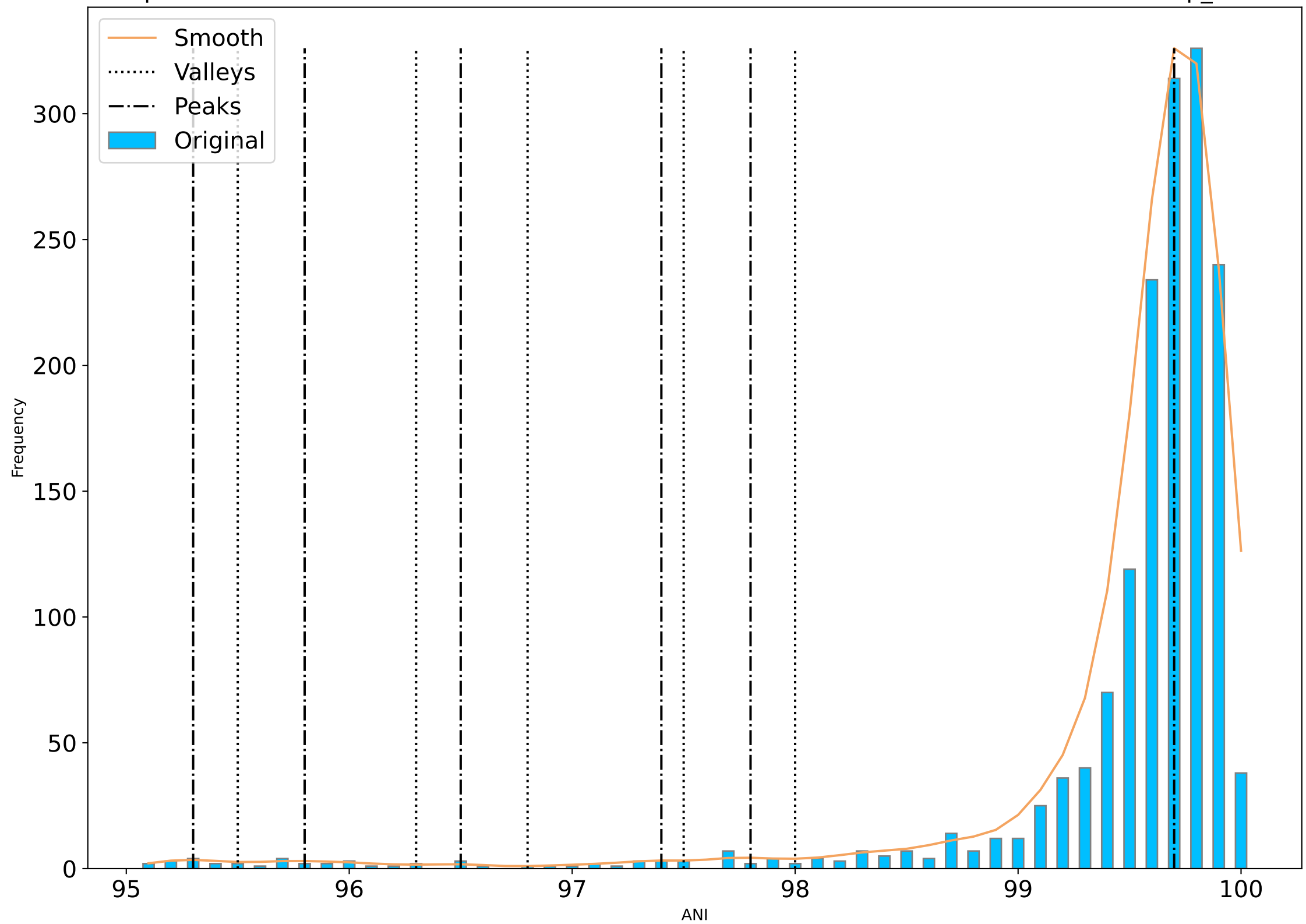


Species_106

Group 2

Norm_test 1.691280038434126e-294

Dip_test 0.0

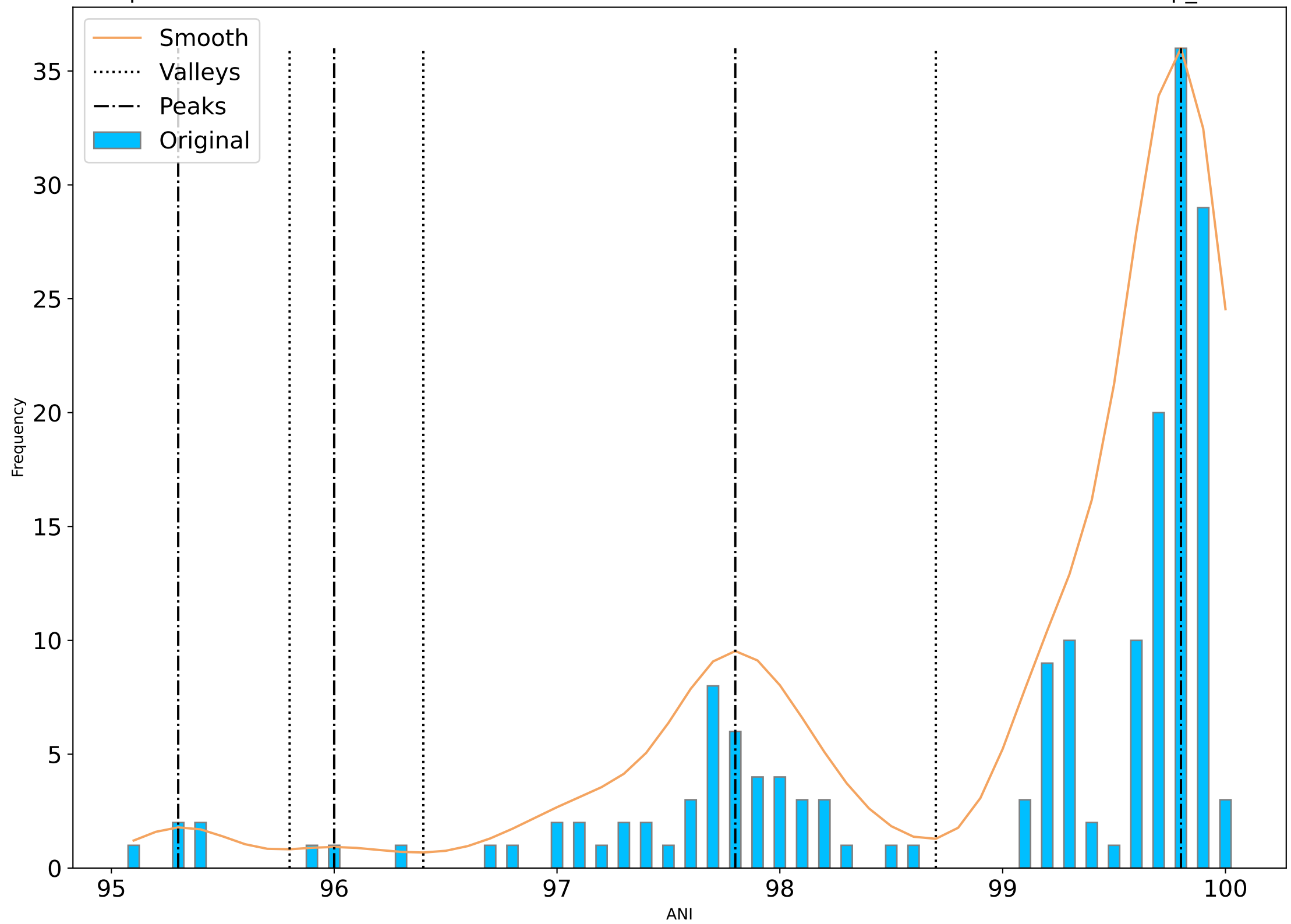


Species_107

Group 3

Norm_test 2.231407410080125e-10

Dip_test 0.0

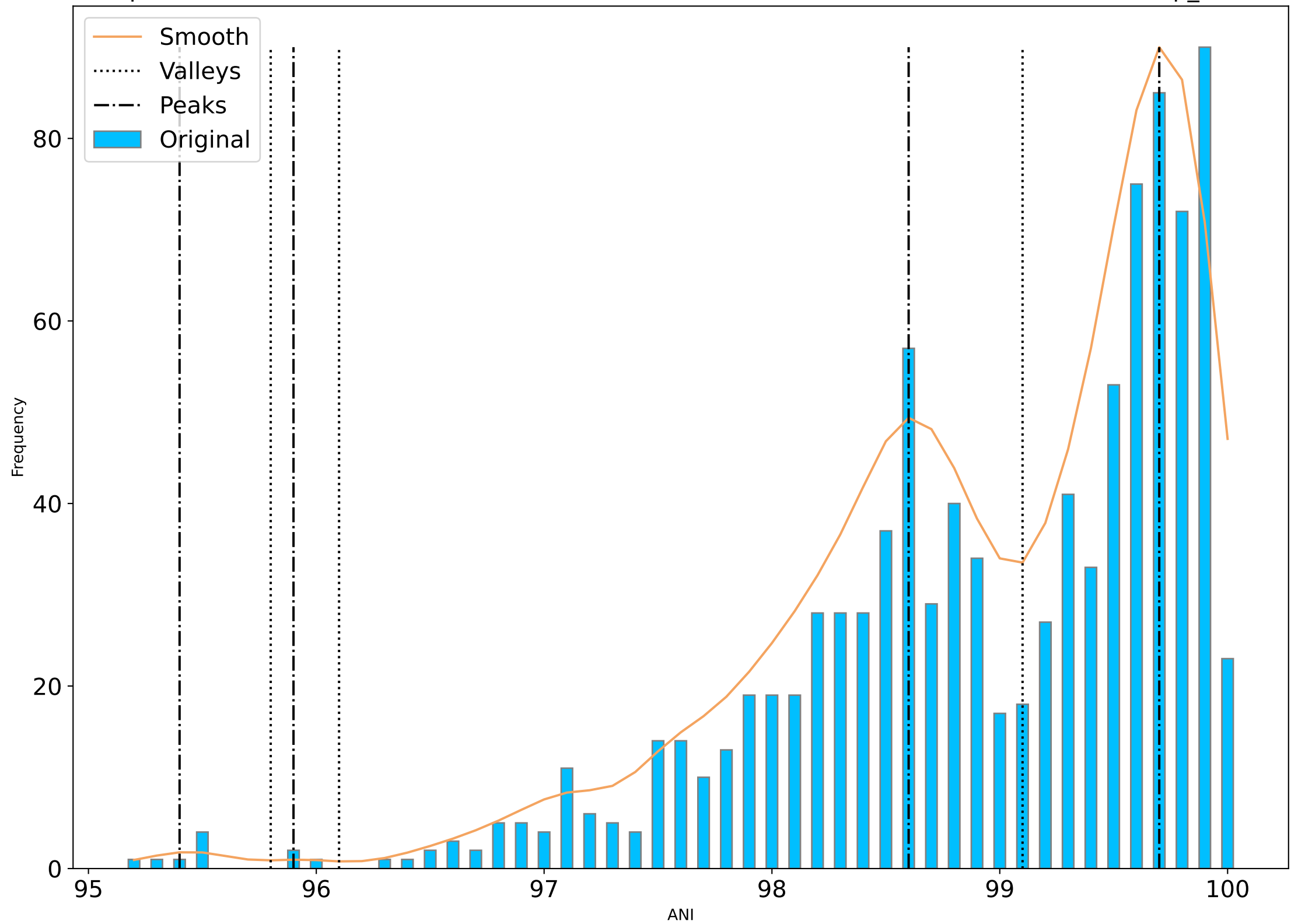


Species_110

Group 1

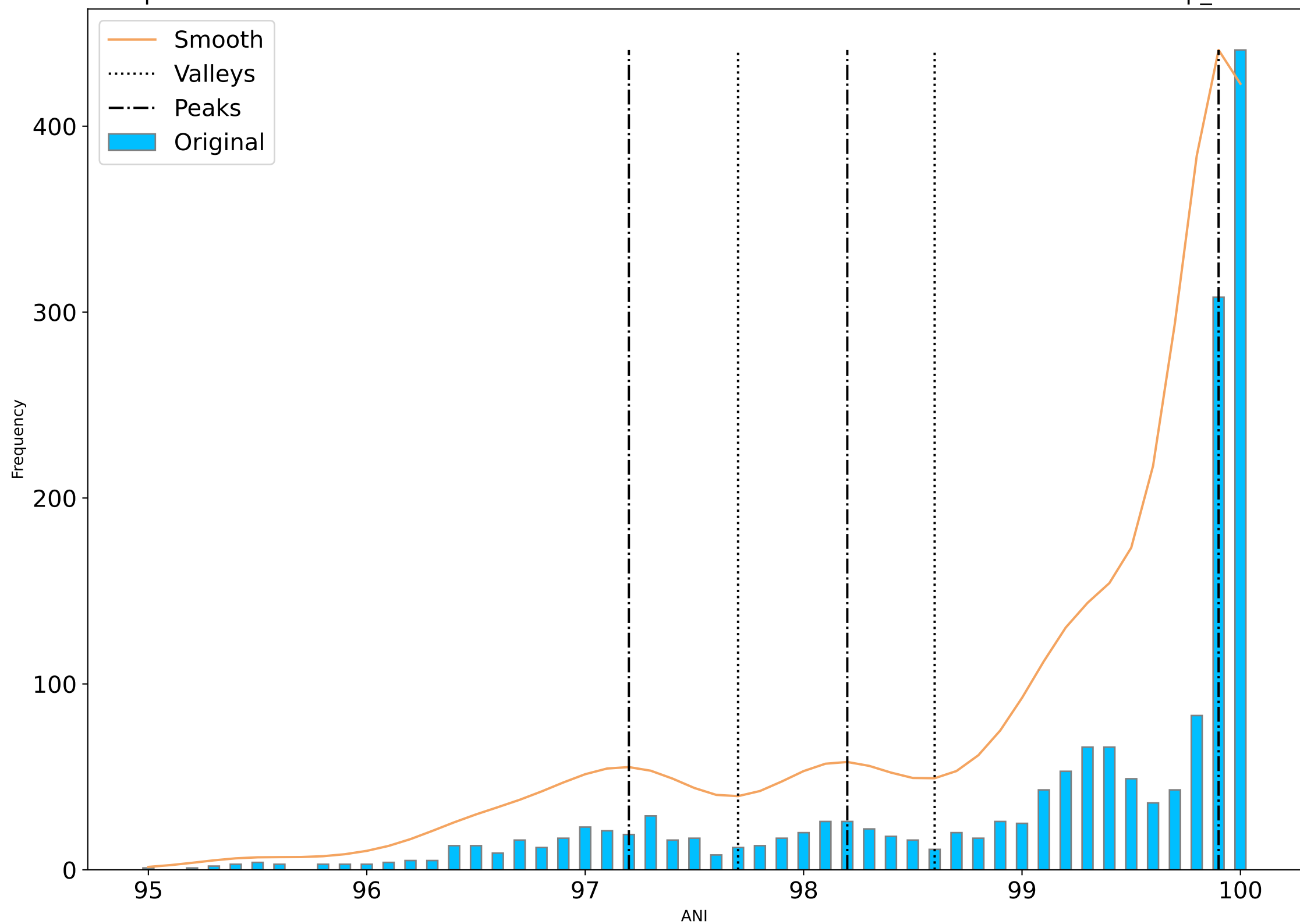
Norm_test 1.0046971488613791e-36

Dip_test 0.0



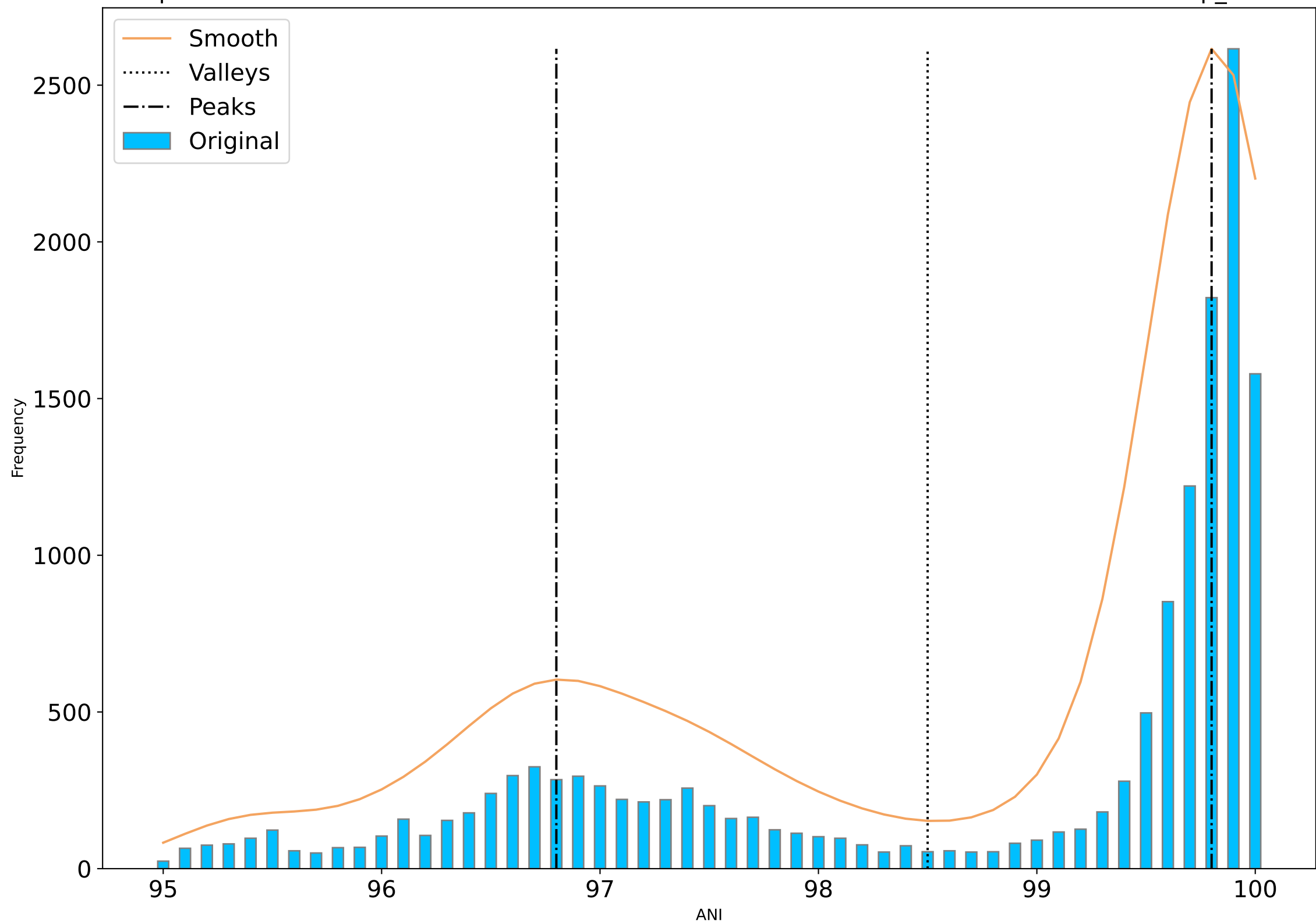
Species_111
Group 3

Norm_test 1.6661954335549282e-73
Dip_test 0.0



Species_112
Group 3

Norm_test 0.0
Dip_test 0.0

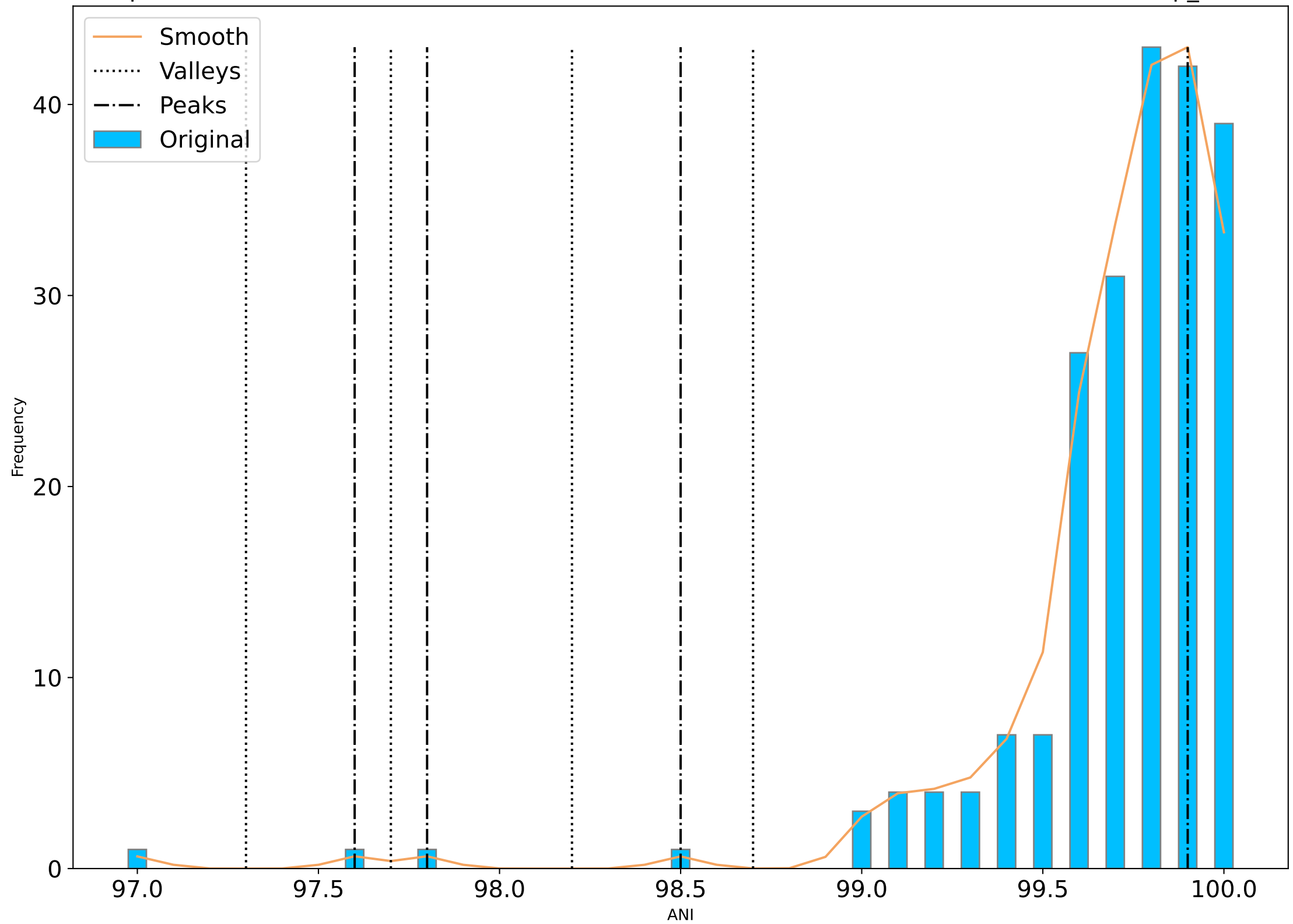


Species_113

Group 2

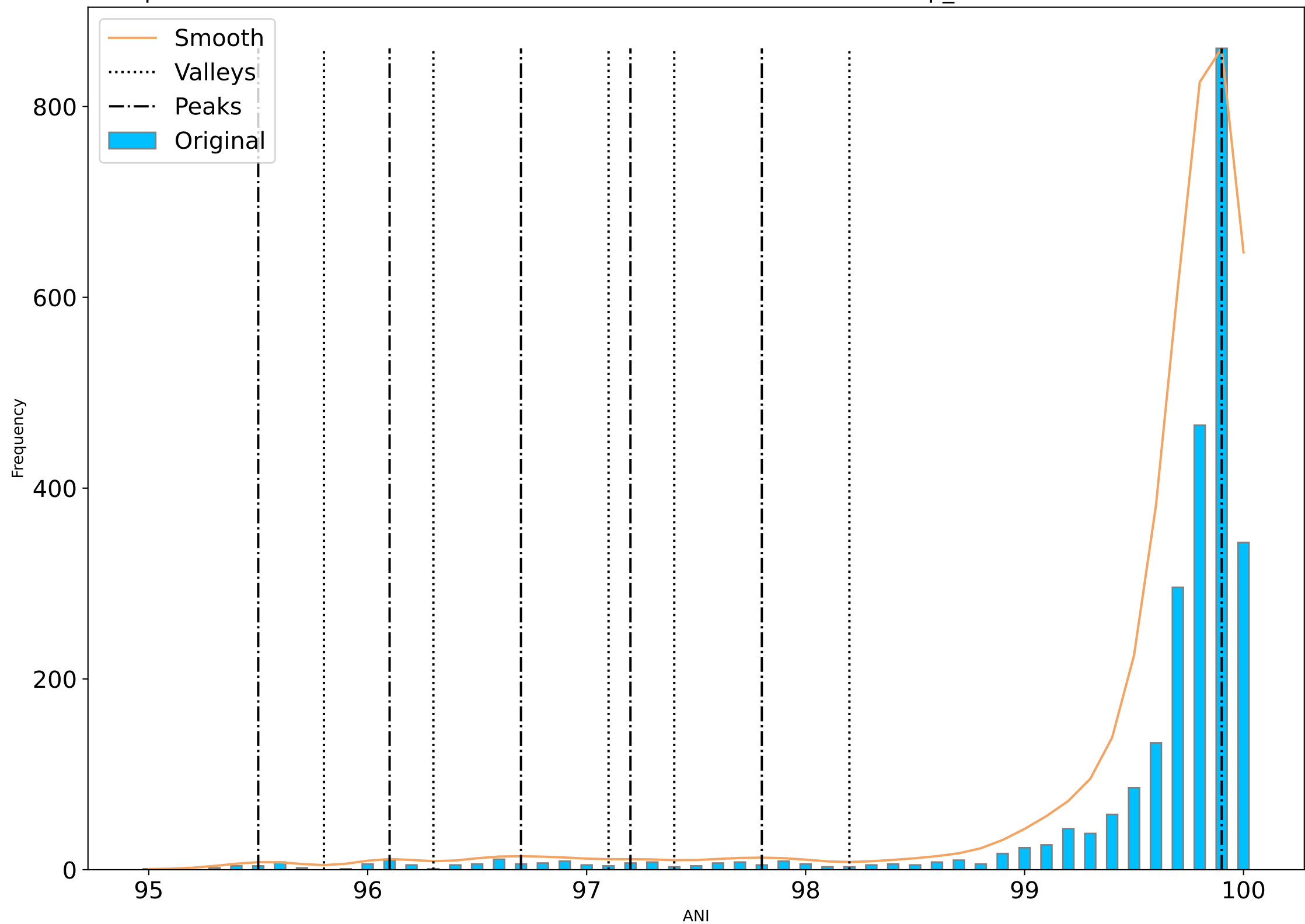
Norm_test 3.8244601320909365e-47

Dip_test 0.0



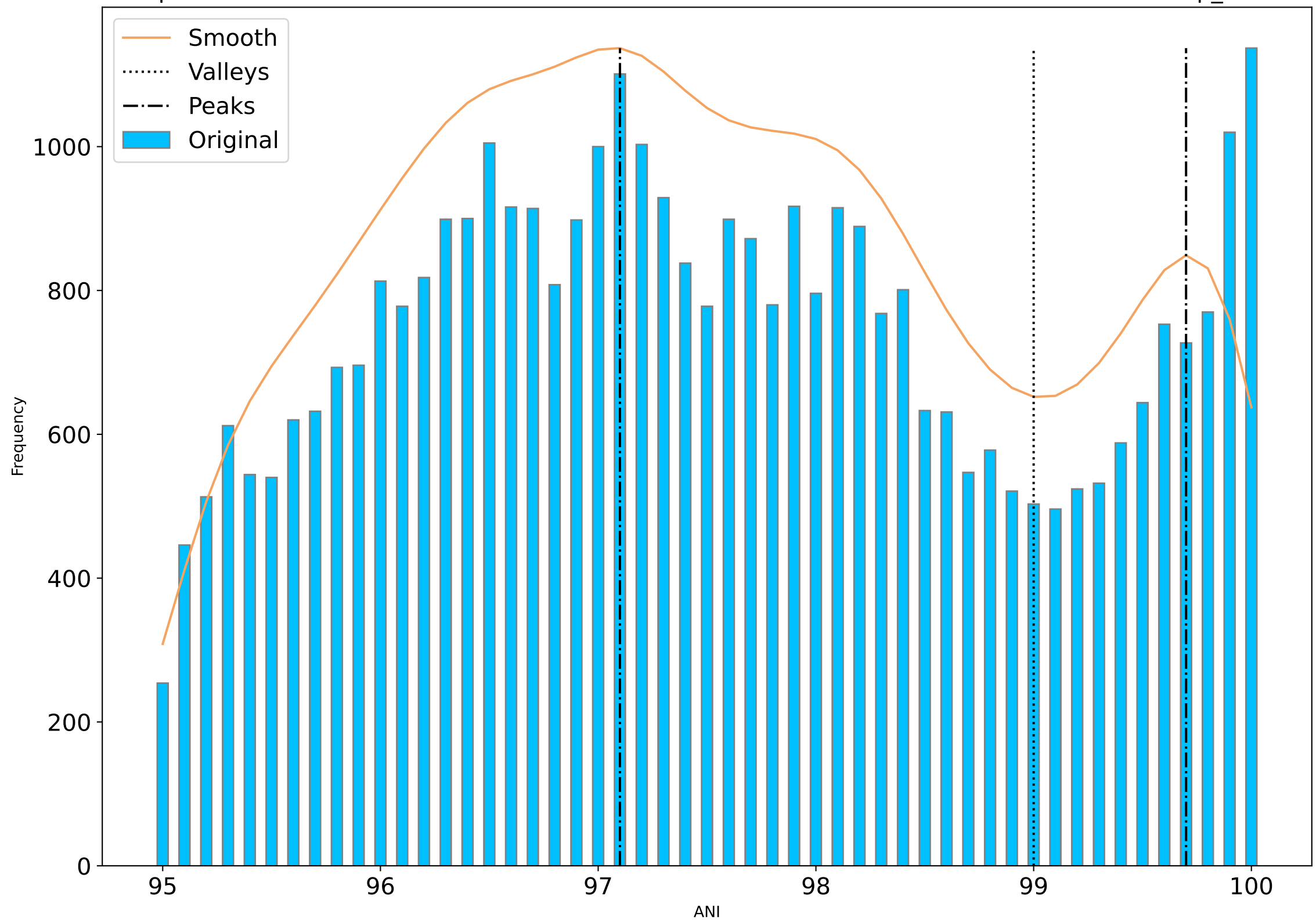
Species_116
Group 2

Norm_test 0.0
Dip_test 8.833913263806004e-05



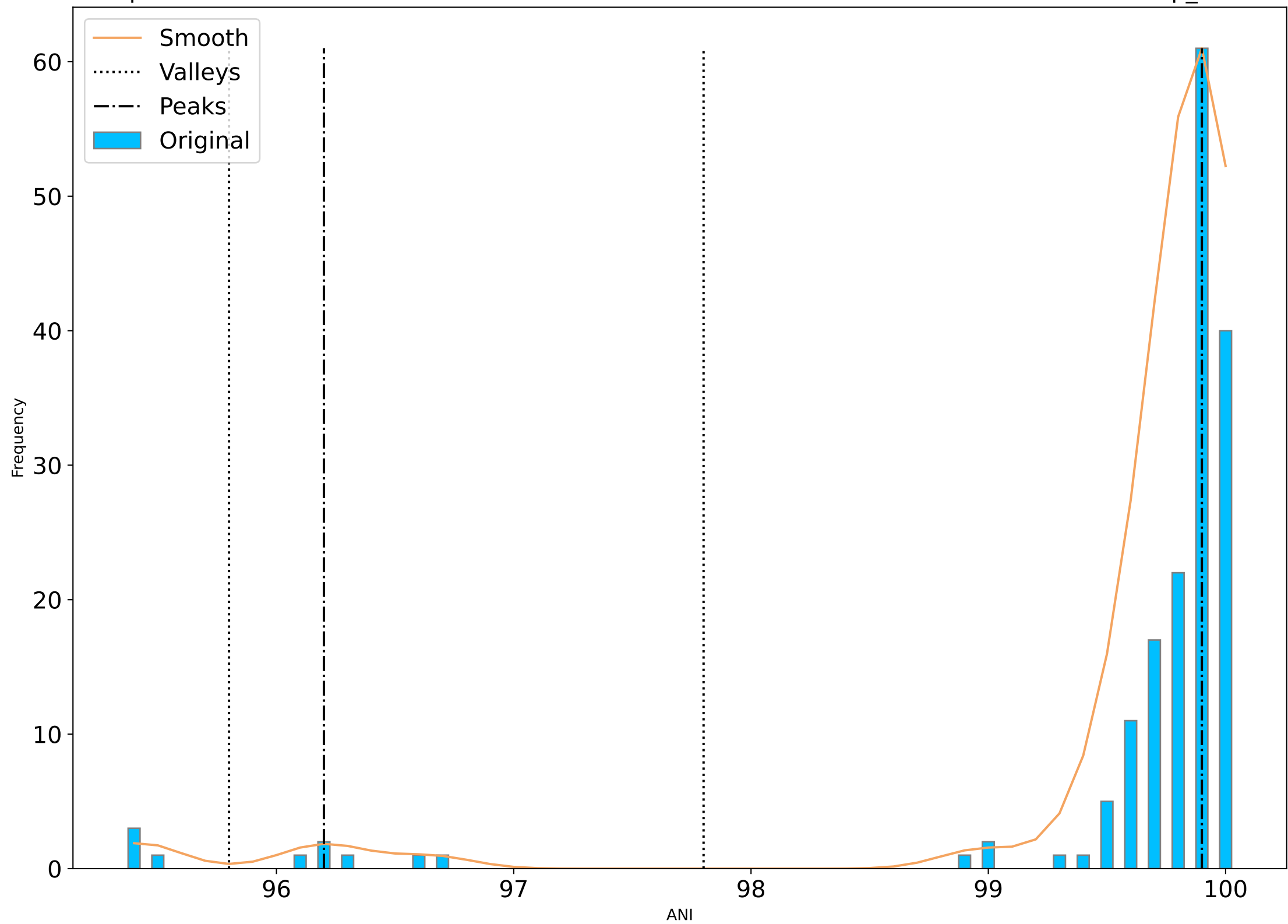
Species_117
Group 1

Norm_test 0.0
Dip_test 0.0



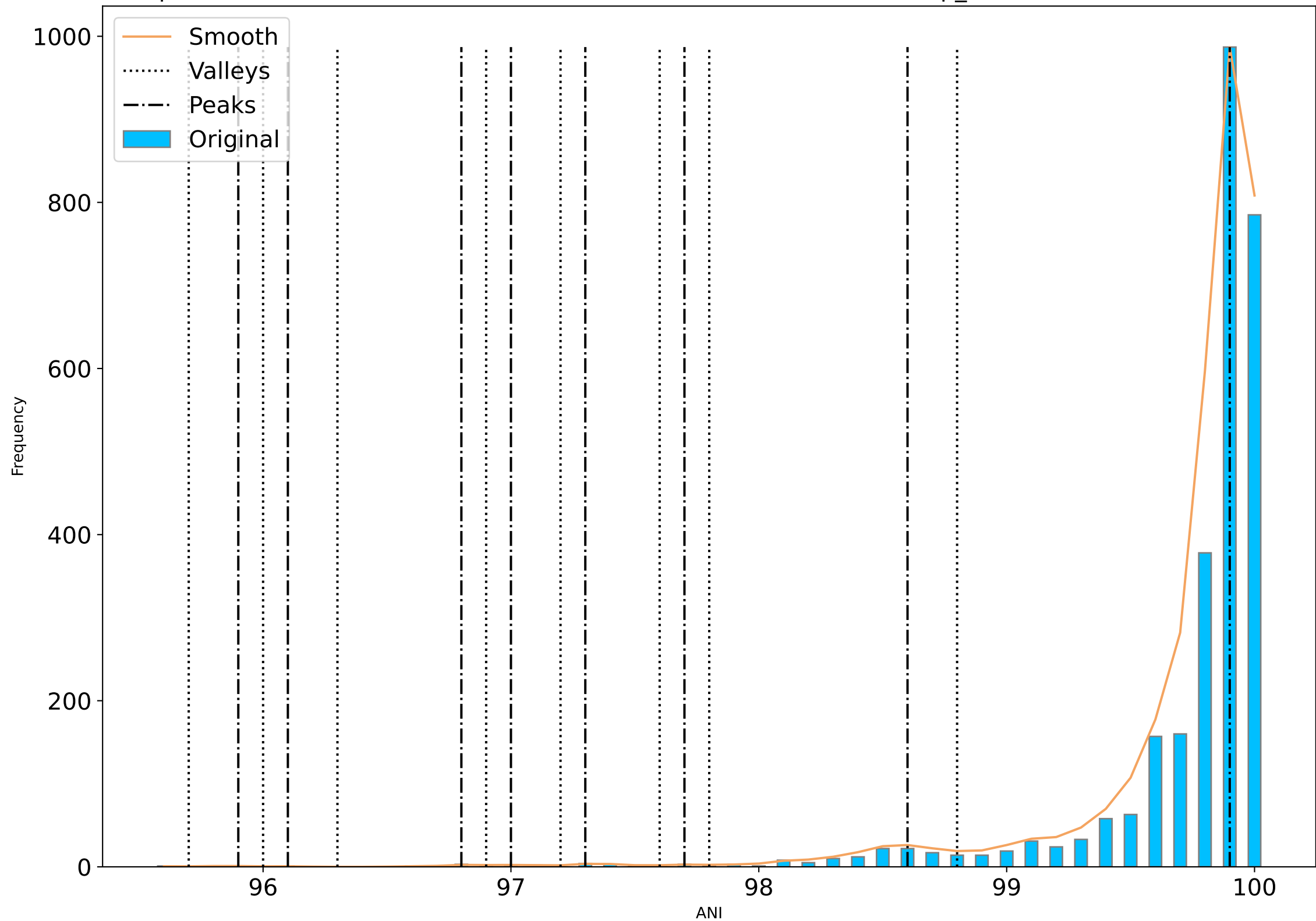
Species_118
Group 2

Norm_test 4.04916069099894e-34
Dip_test 0.0



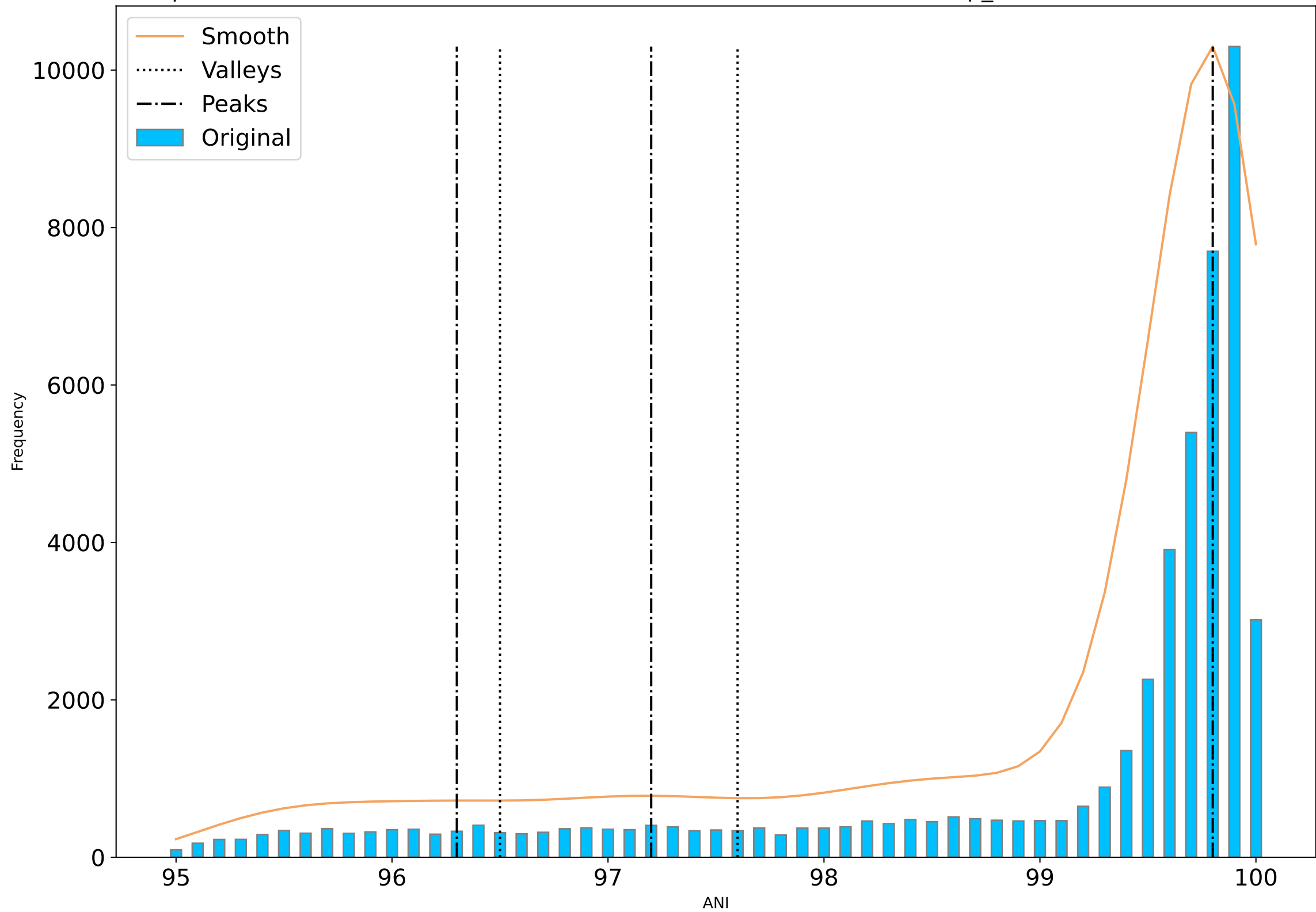
Species_119
Group 2

Norm_test 0.0
Dip_test 7.238818148858073e-05



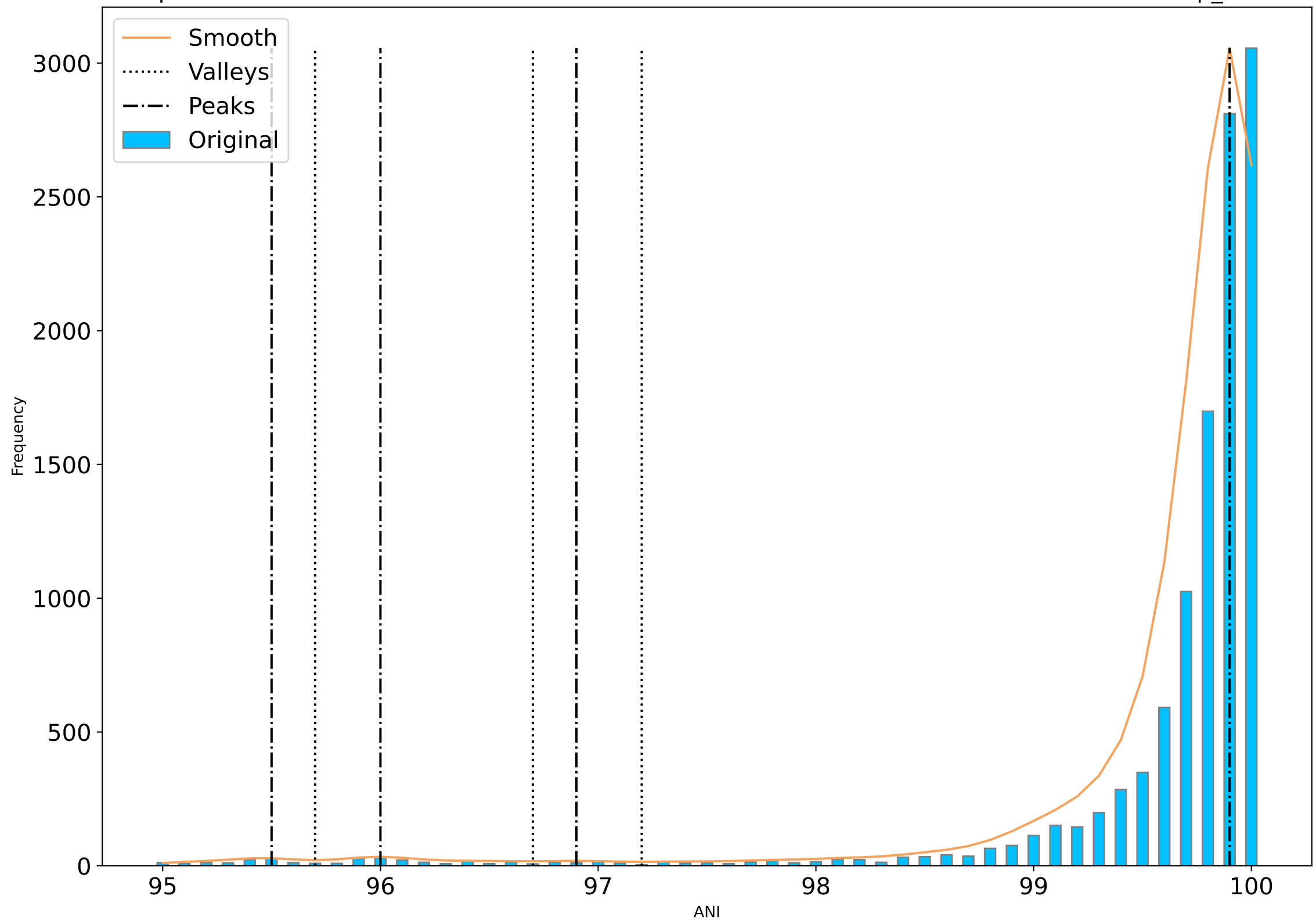
Species_120
Group 3

Norm_test 0.0
Dip_test 0.09112836329915863



Species_123
Group 2

Norm_test 0.0
Dip_test 0.0

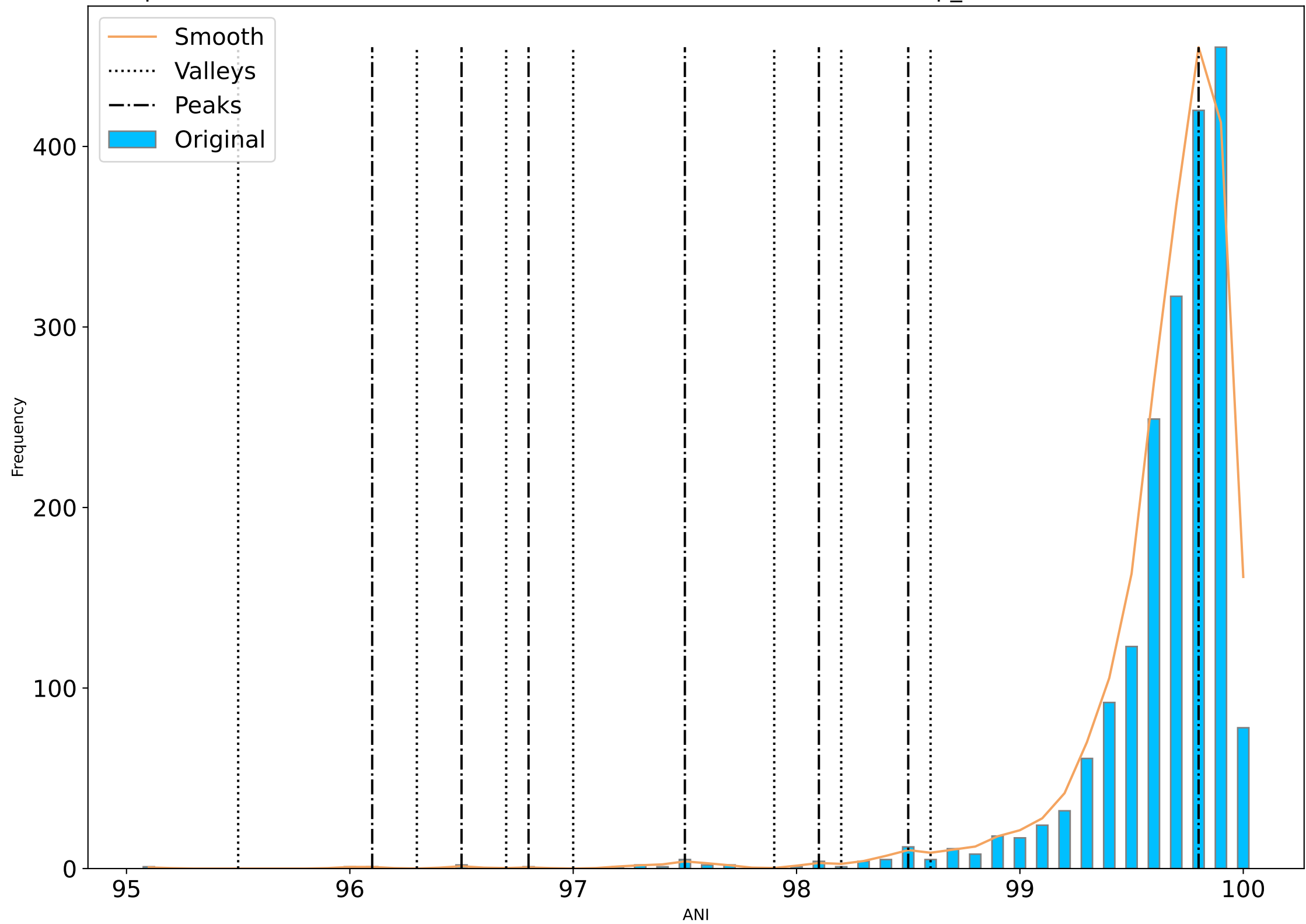


Species_124

Group 2

Norm_test 0.0

Dip_test 0.001422953422589135

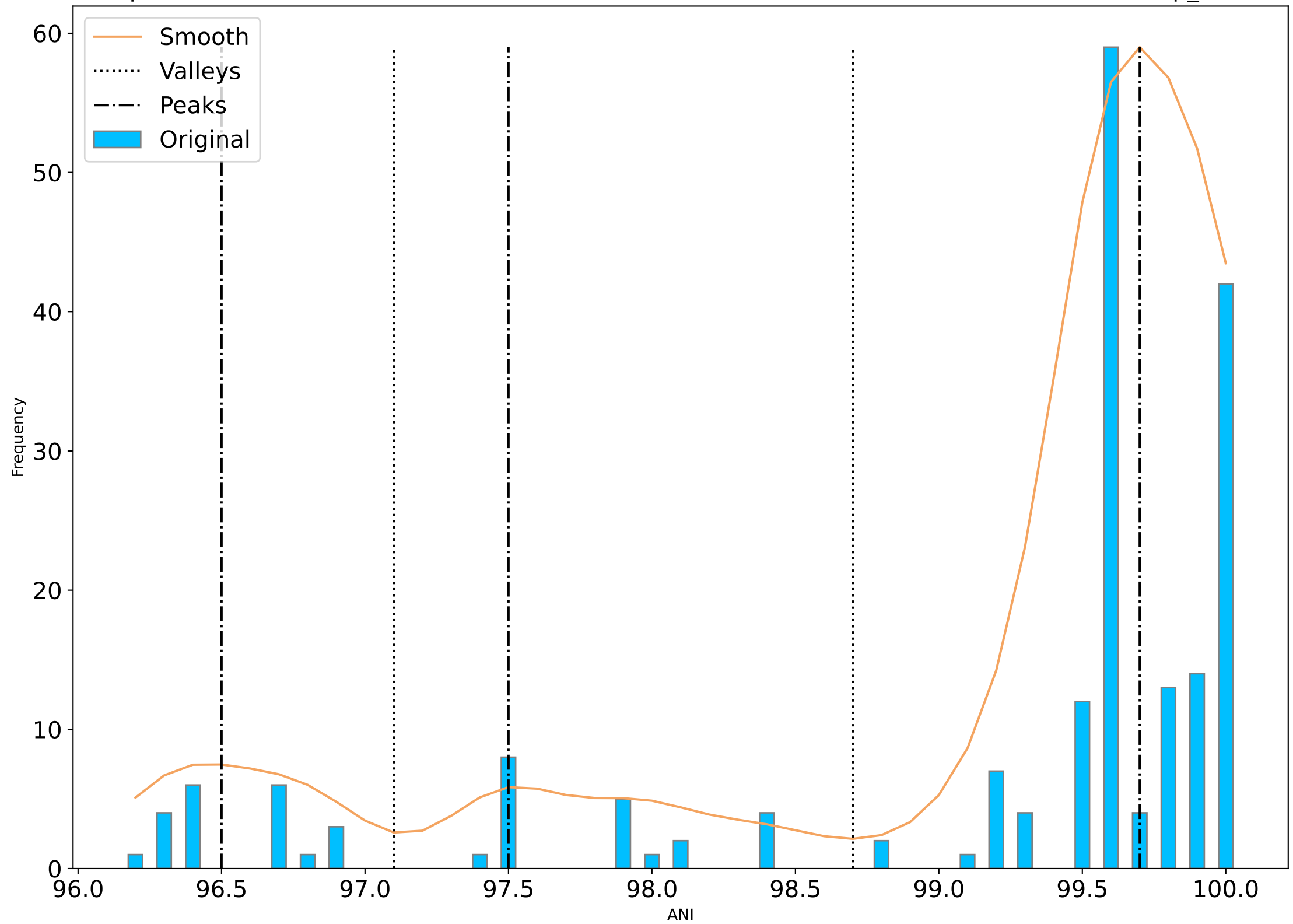


Species_126

Group 3

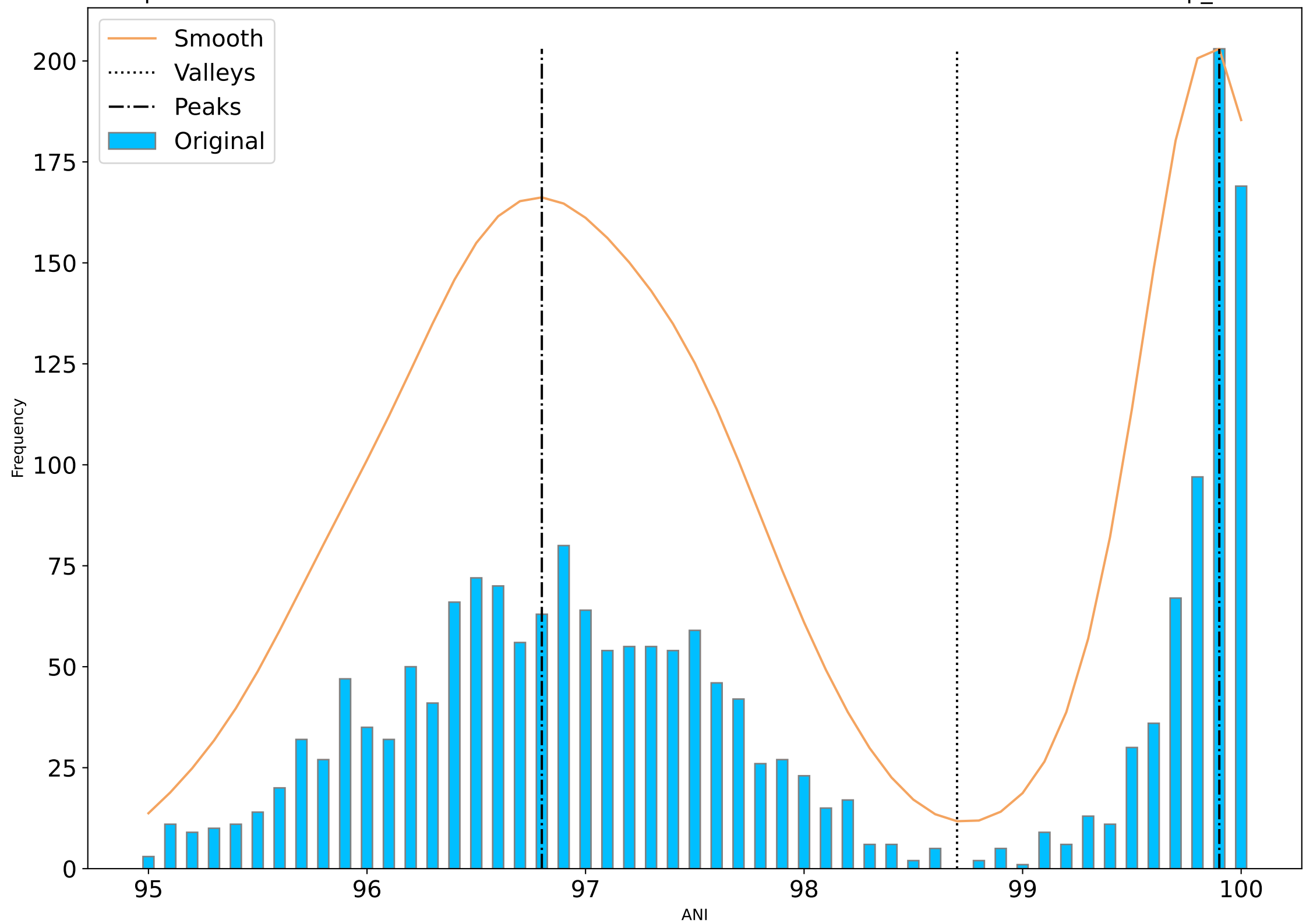
Norm_test 7.355757806428172e-13

Dip_test 0.0



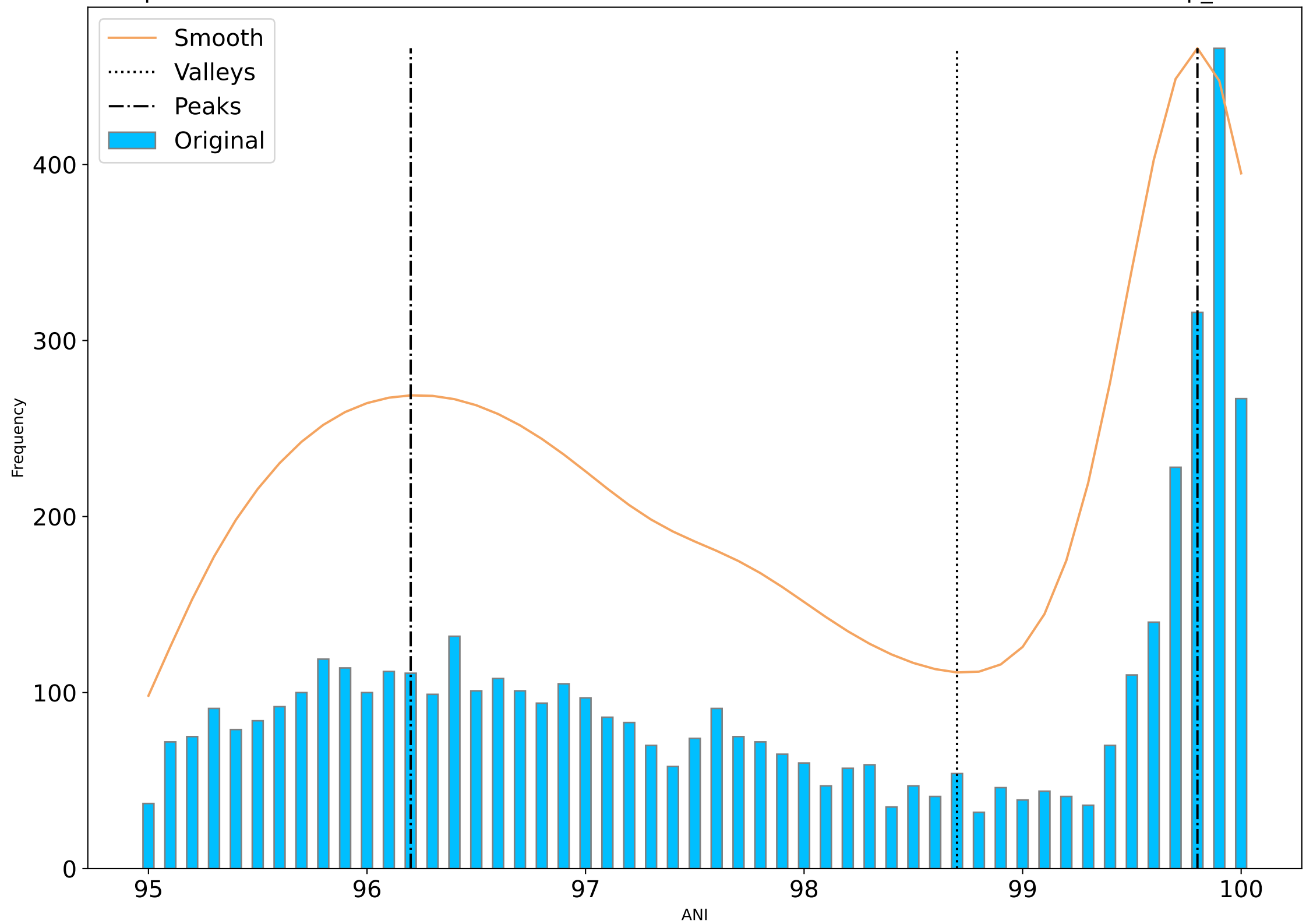
Species_127
Group 3

Norm_test 0.0
Dip_test 0.0



Species_128
Group 3

Norm_test 0.0
Dip_test 0.0

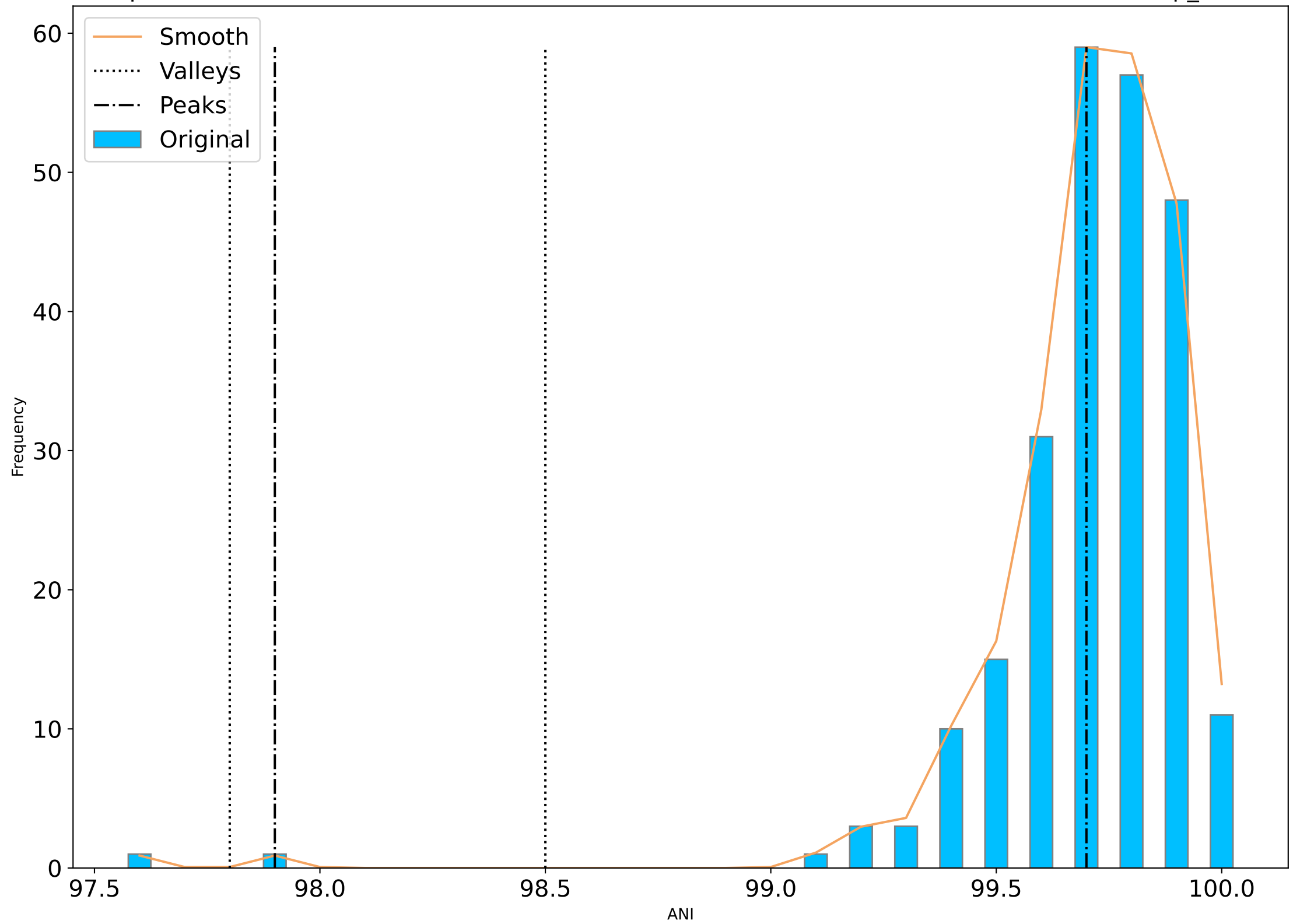


Species_129

Group 2

Norm_test 1.3464312283750198e-58

Dip_test 0.0

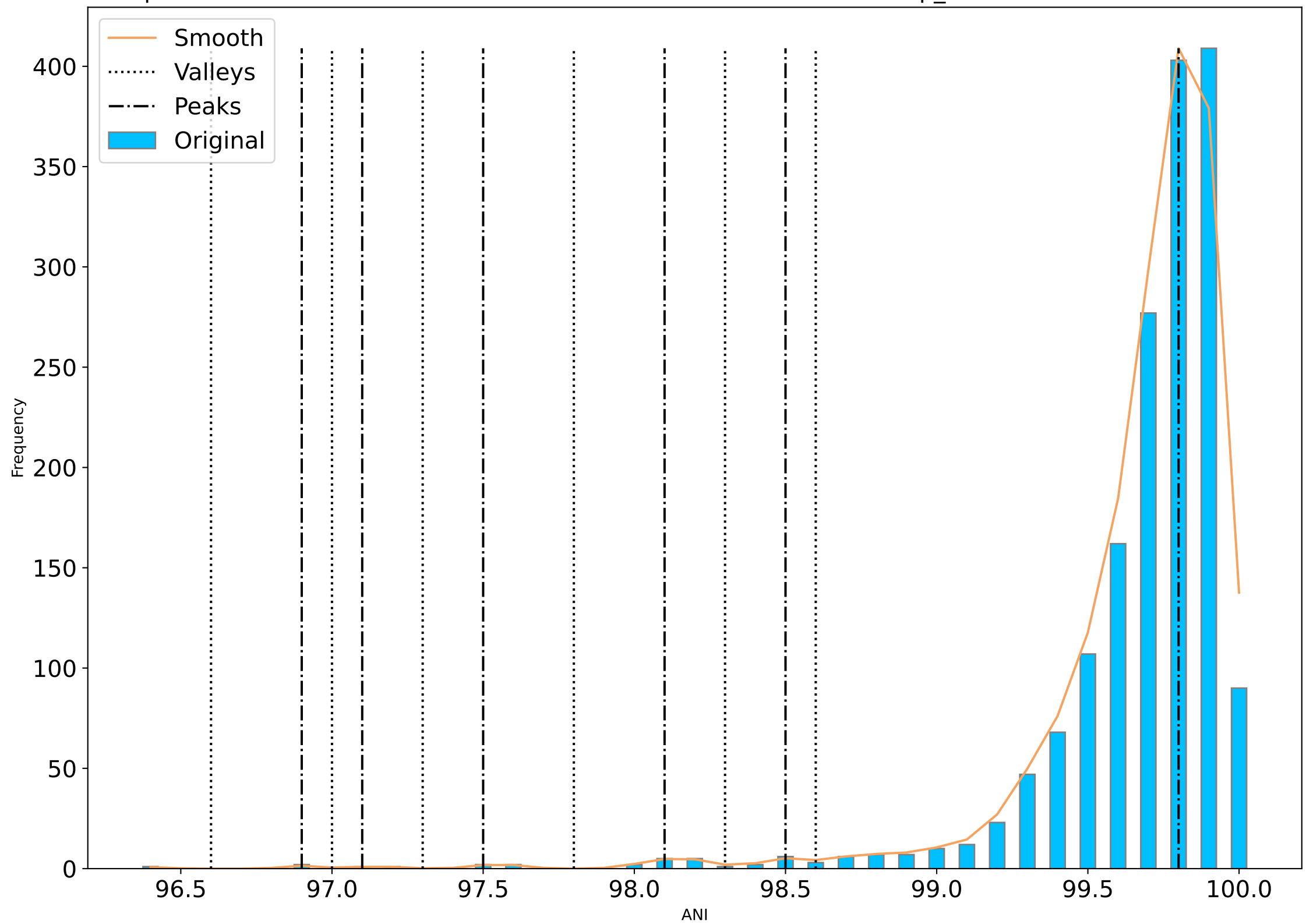


Species_130

Group 2

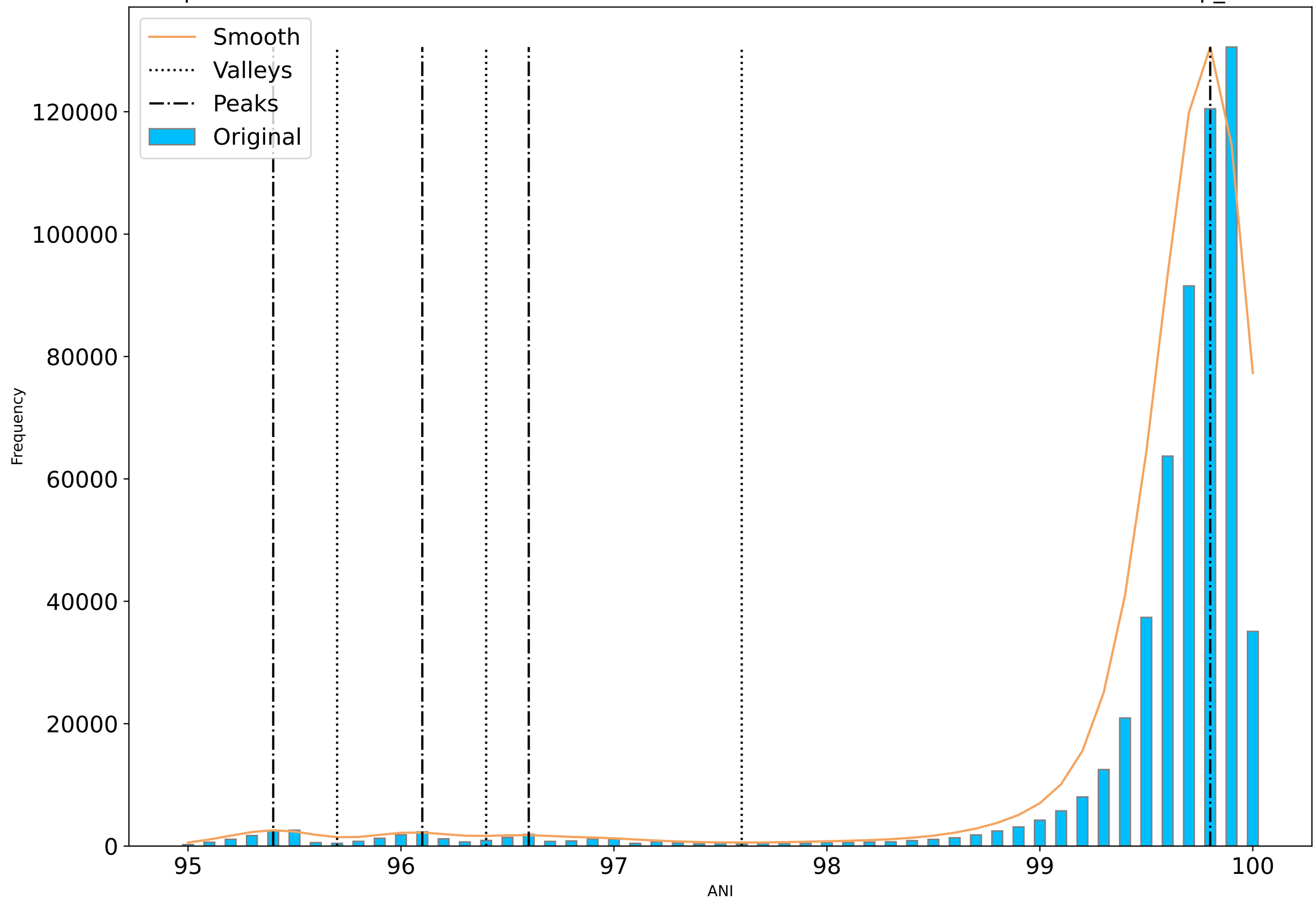
Norm_test 3.2246635665398584e-305

Dip_test 0.0004722883711759662



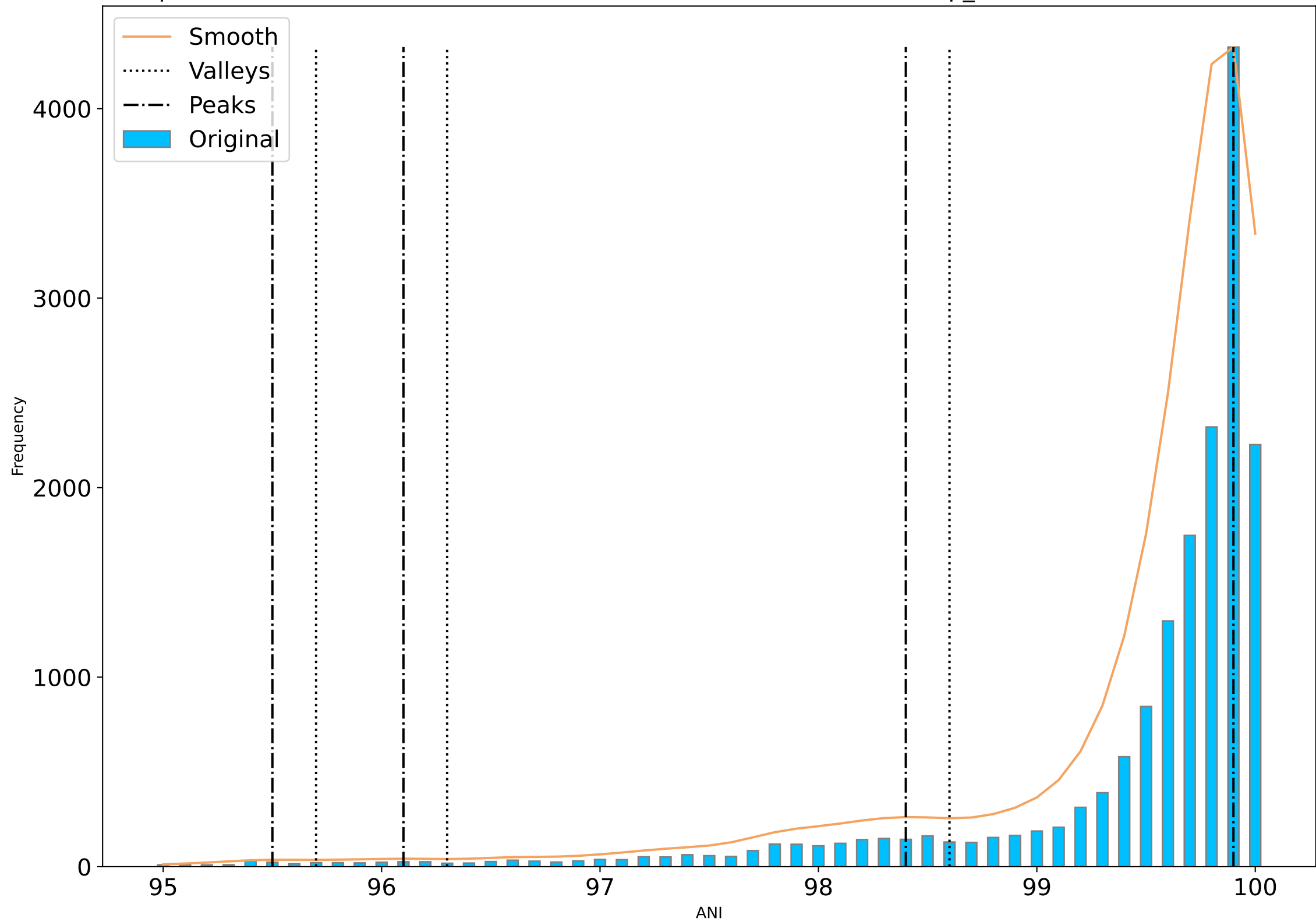
Species_131
Group 2

Norm_test 0.0
Dip_test 0.0



Species_132
Group 3

Norm_test 0.0
Dip_test 0.013205425228025813

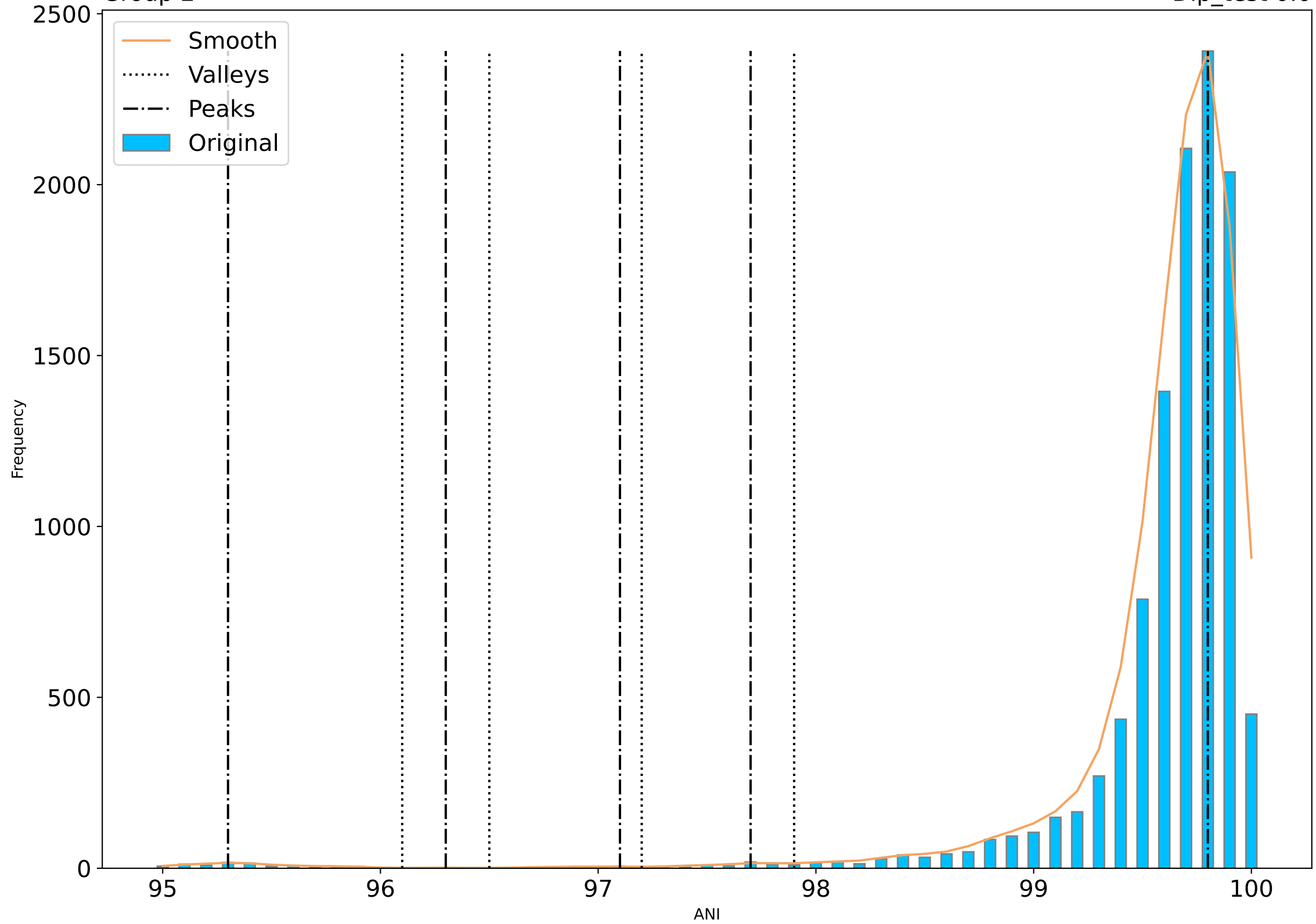


Species_133

Group 2

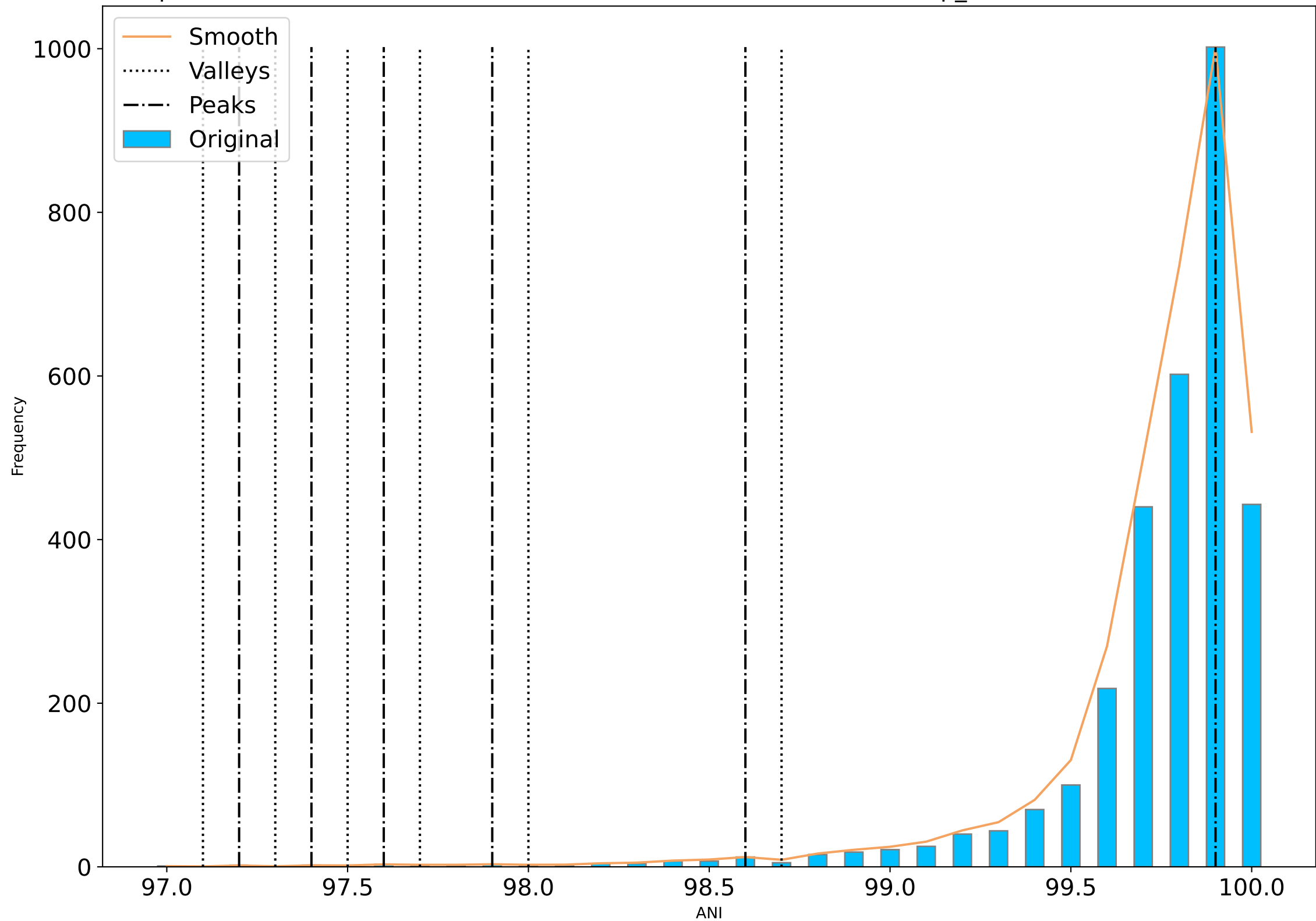
Norm_test 0.0

Dip_test 0.0



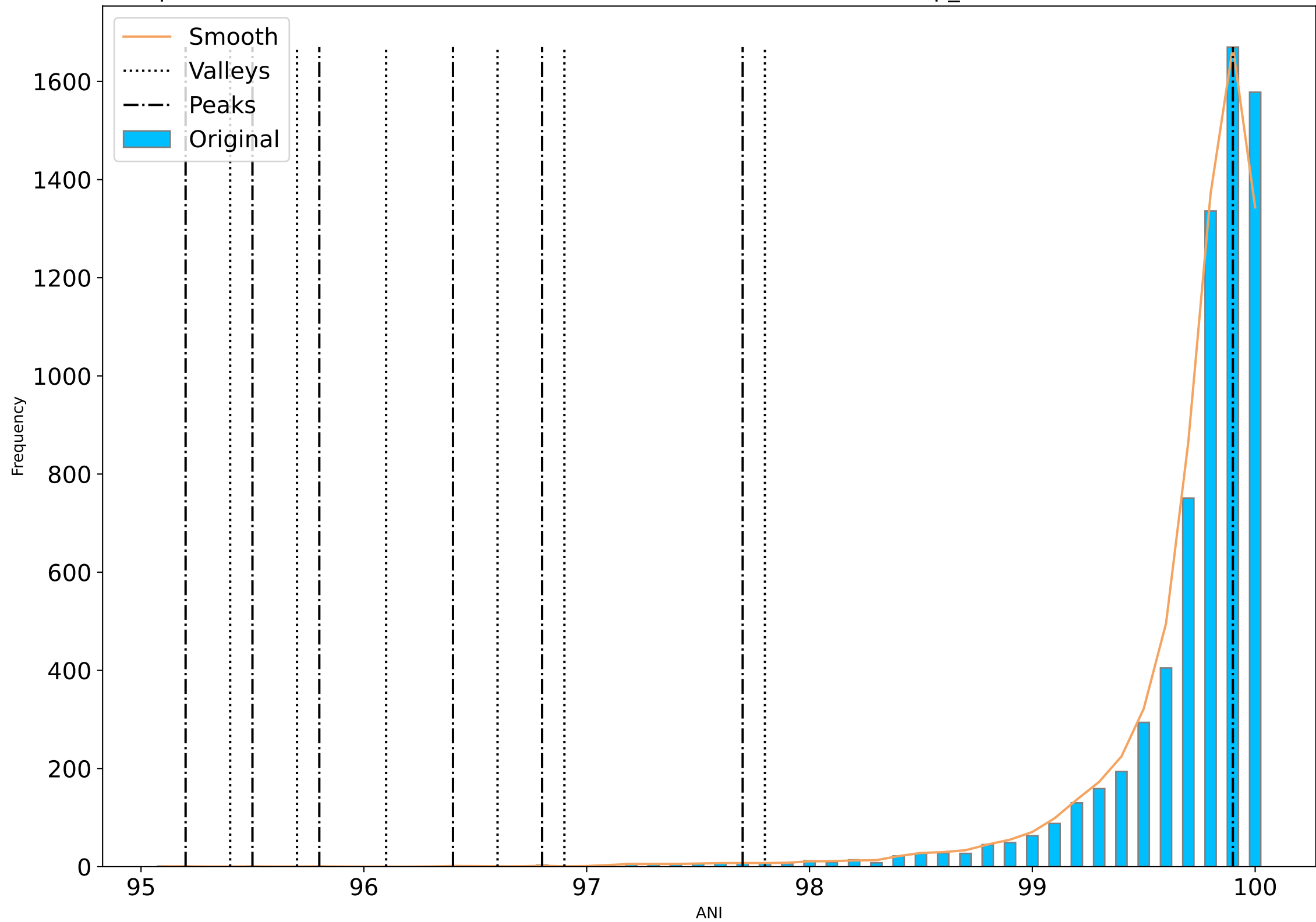
Species_135
Group 2

Norm_test 0.0
Dip_test 8.078525814858573e-05



Species_136
Group 2

Norm_test 0.0
Dip_test 0.0007199170943089639

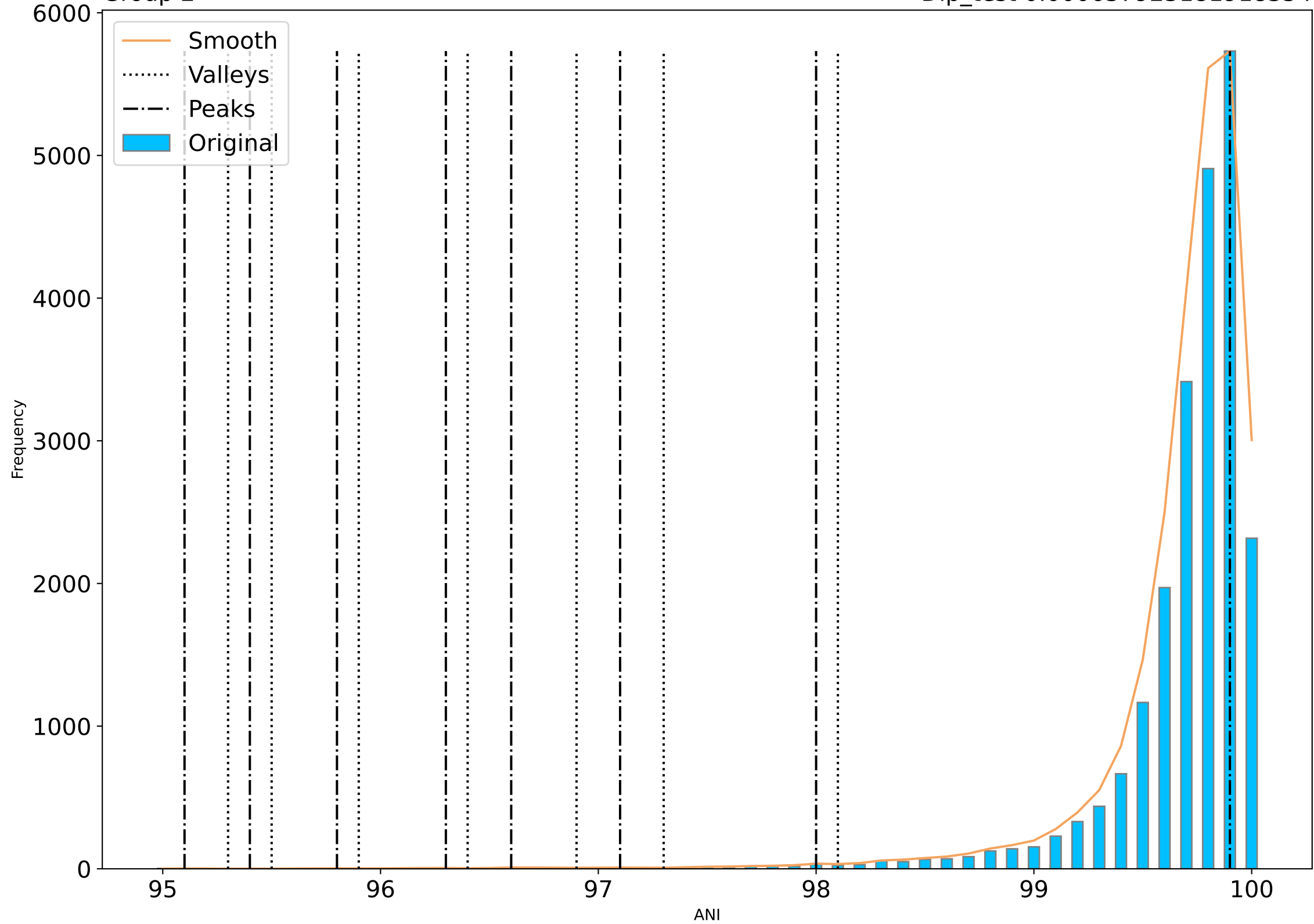


Species_138

Group 2

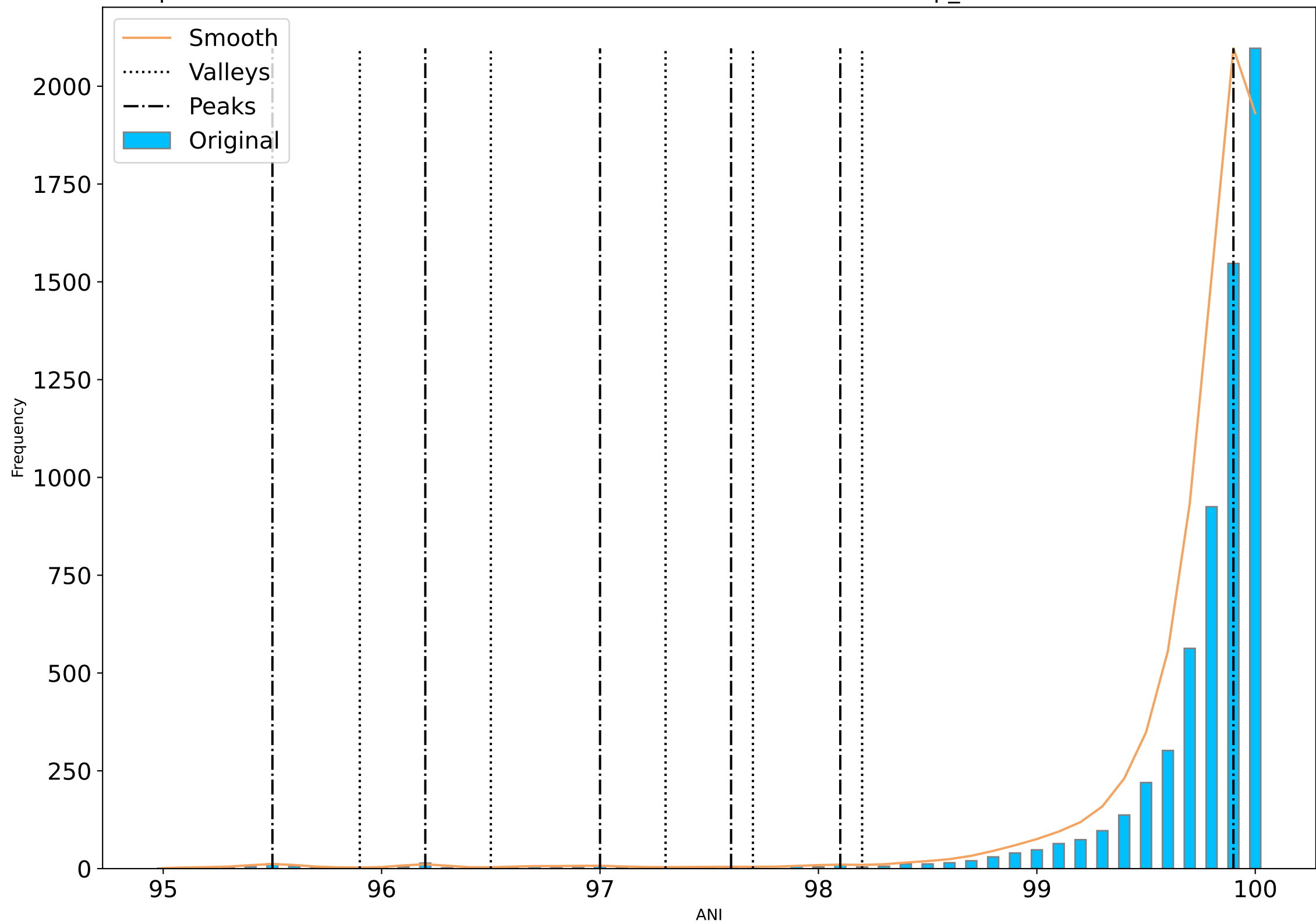
Norm_test 0.0

Dip_test 0.000637923181918354



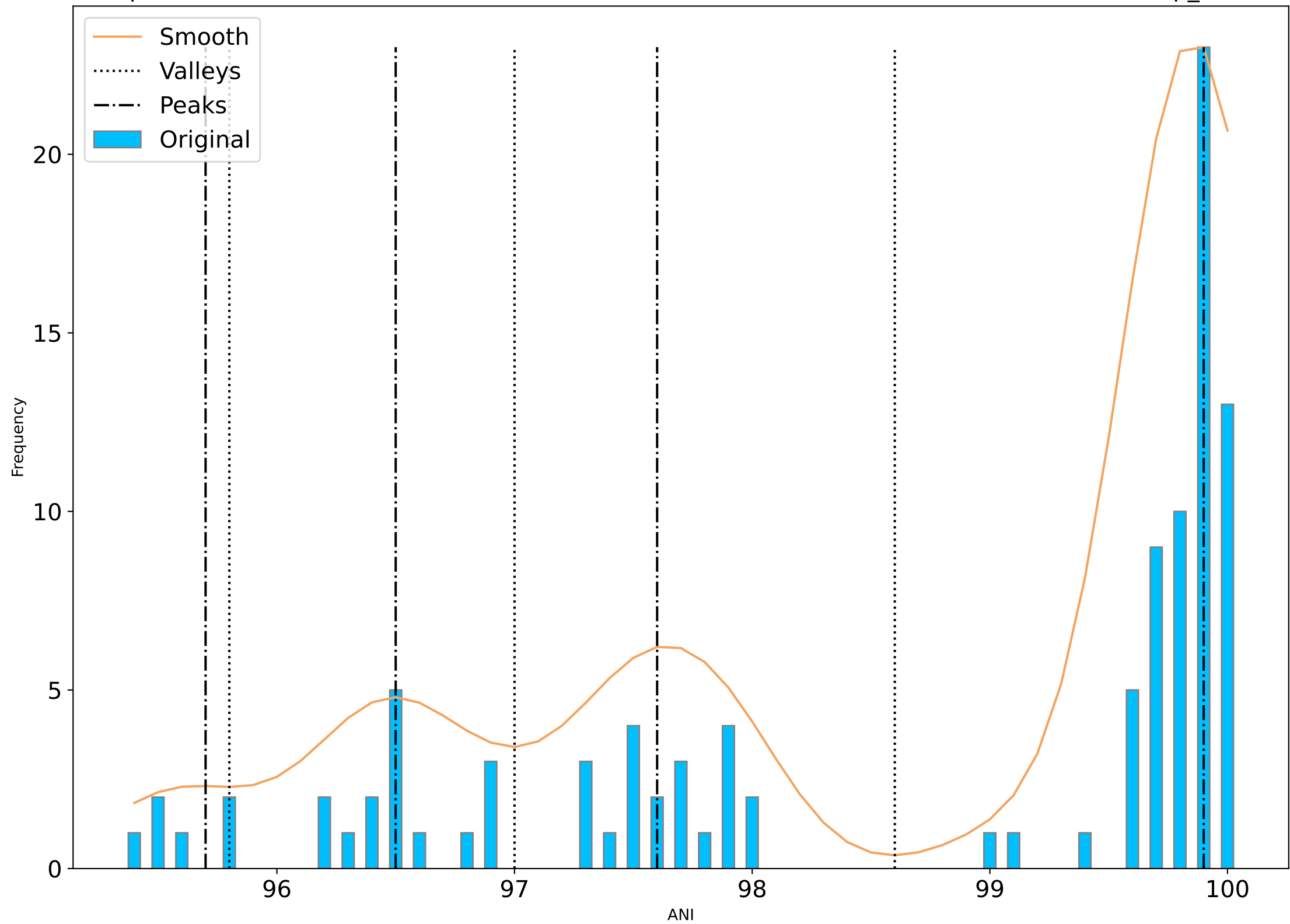
Species_139
Group 2

Norm_test 0.0
Dip_test 0.0004183796777942339



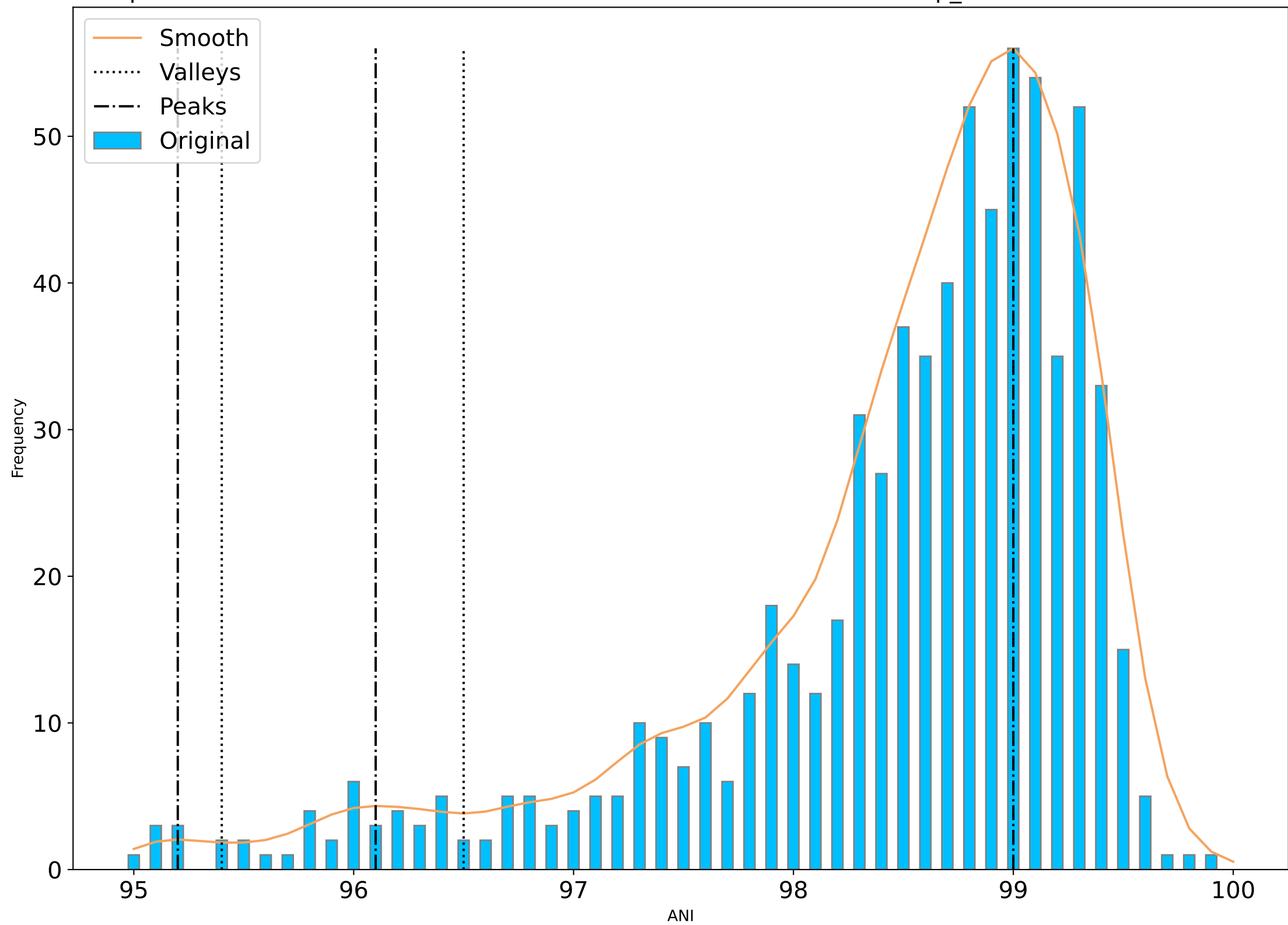
Species_140
Group 3

Norm_test 4.94448297489553e-06
Dip_test 0.0



Species_141
Group 4

Norm_test 2.1863400077118127e-45
Dip_test 0.25742937323737736

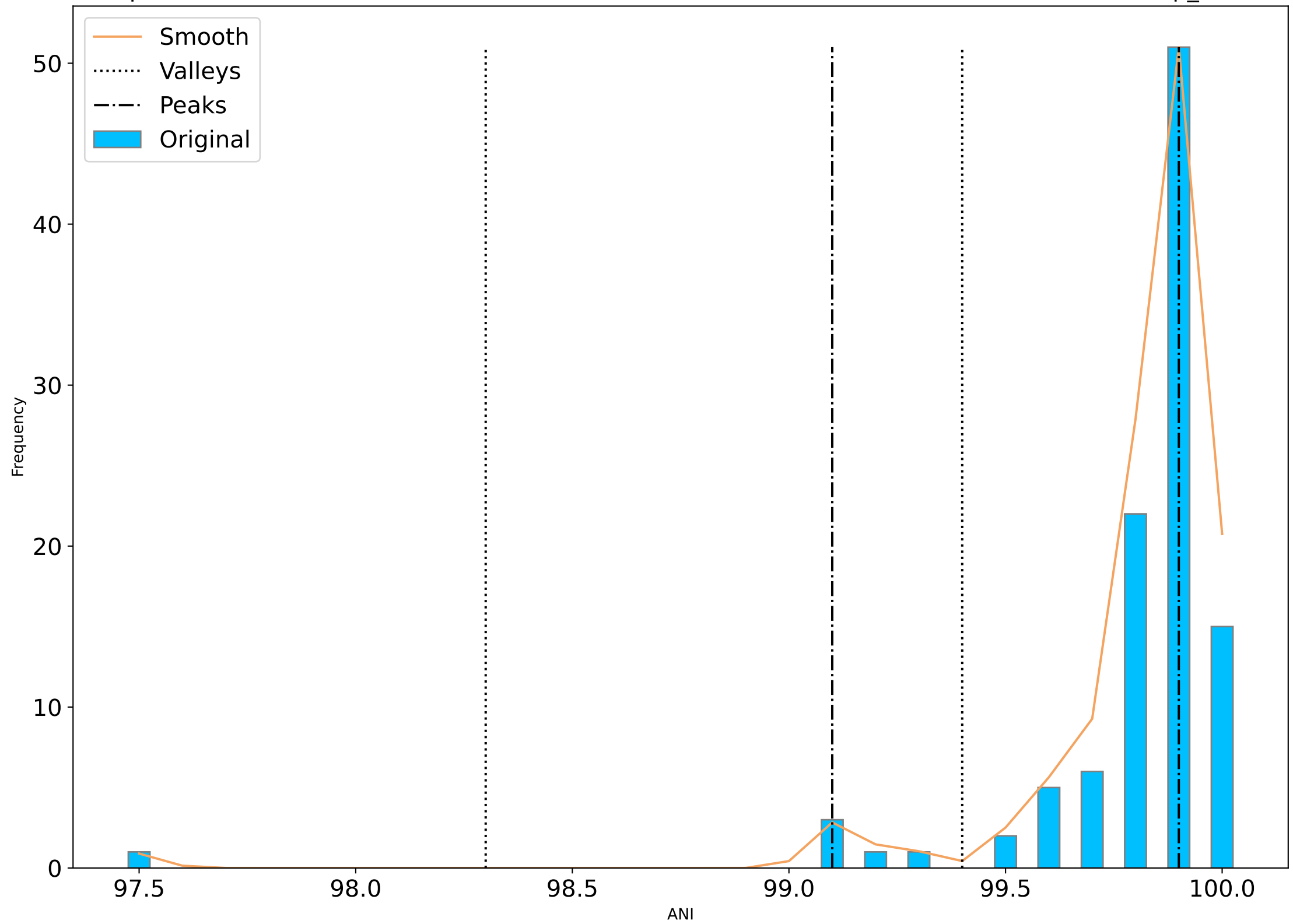


Species_142

Group 2

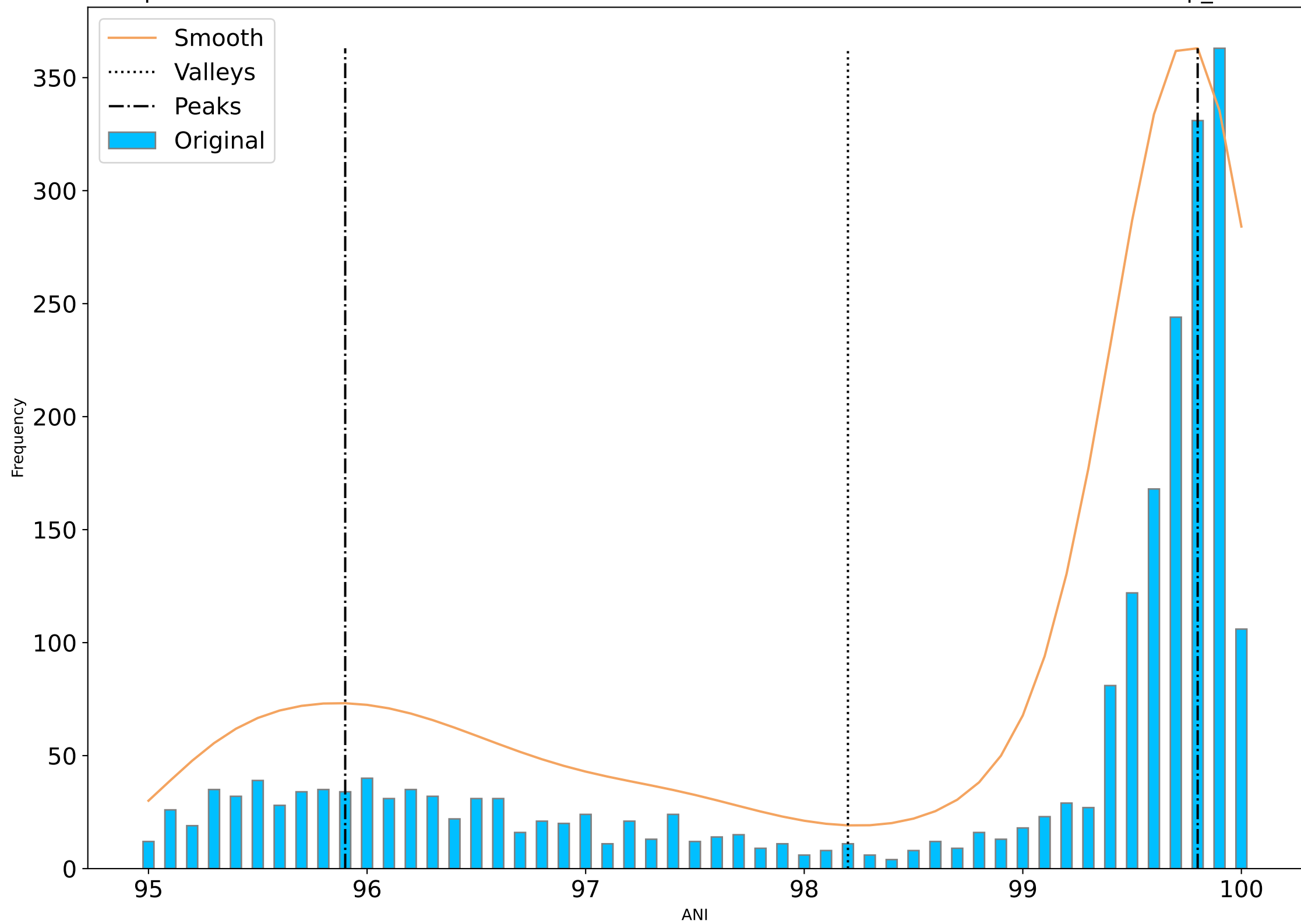
Norm_test 6.191010707790806e-35

Dip_test 0.0



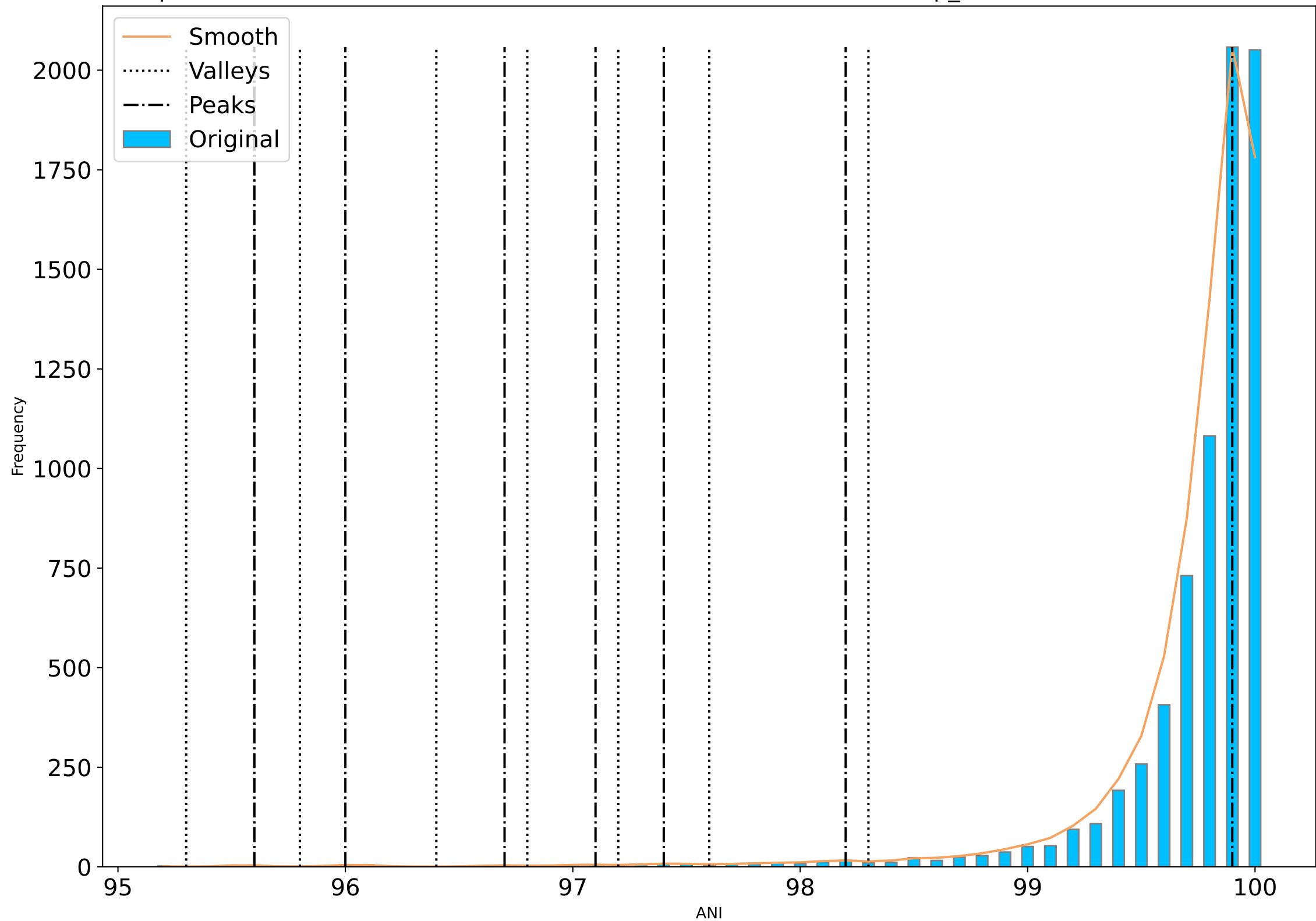
Species_143
Group 3

Norm_test 6.915719574944677e-105
Dip_test 0.0



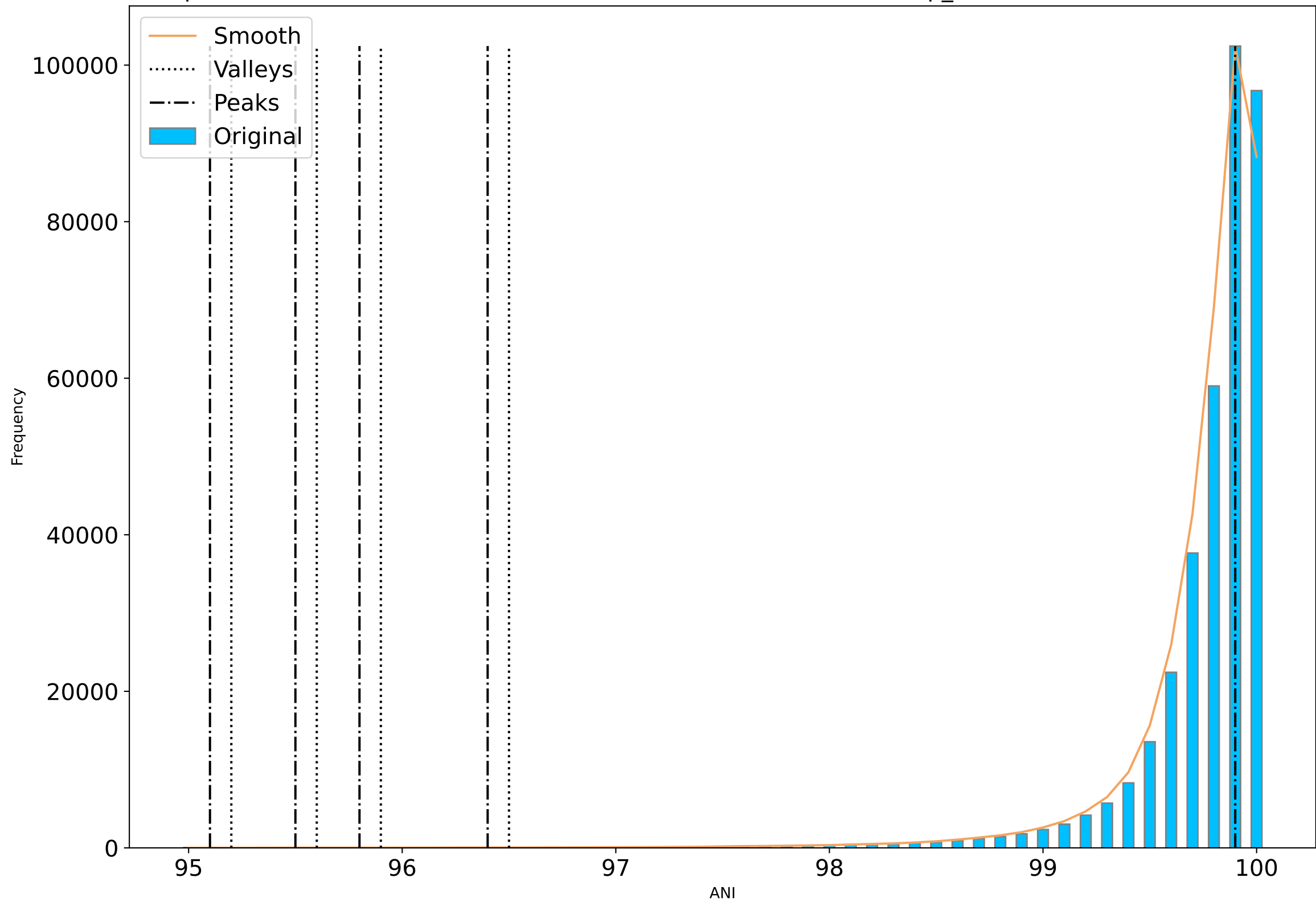
Species_145
Group 2

Norm_test 0.0
Dip_test 0.0002256270981189079



Species_146
Group 2

Norm_test 0.0
Dip_test 0.00015213707583638936

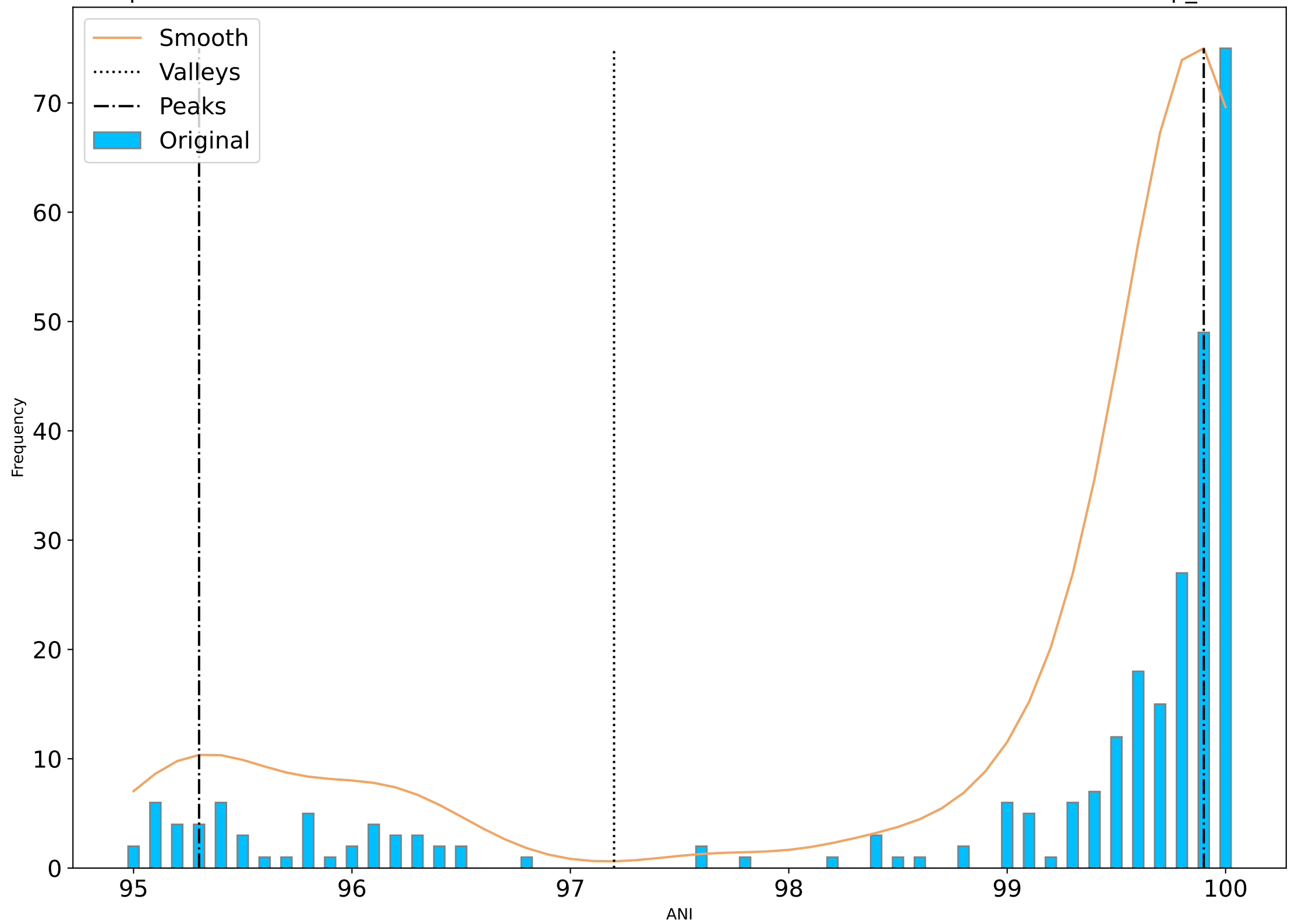


Species_147

Group 3

Norm_test 1.752602213304167e-16

Dip_test 0.0

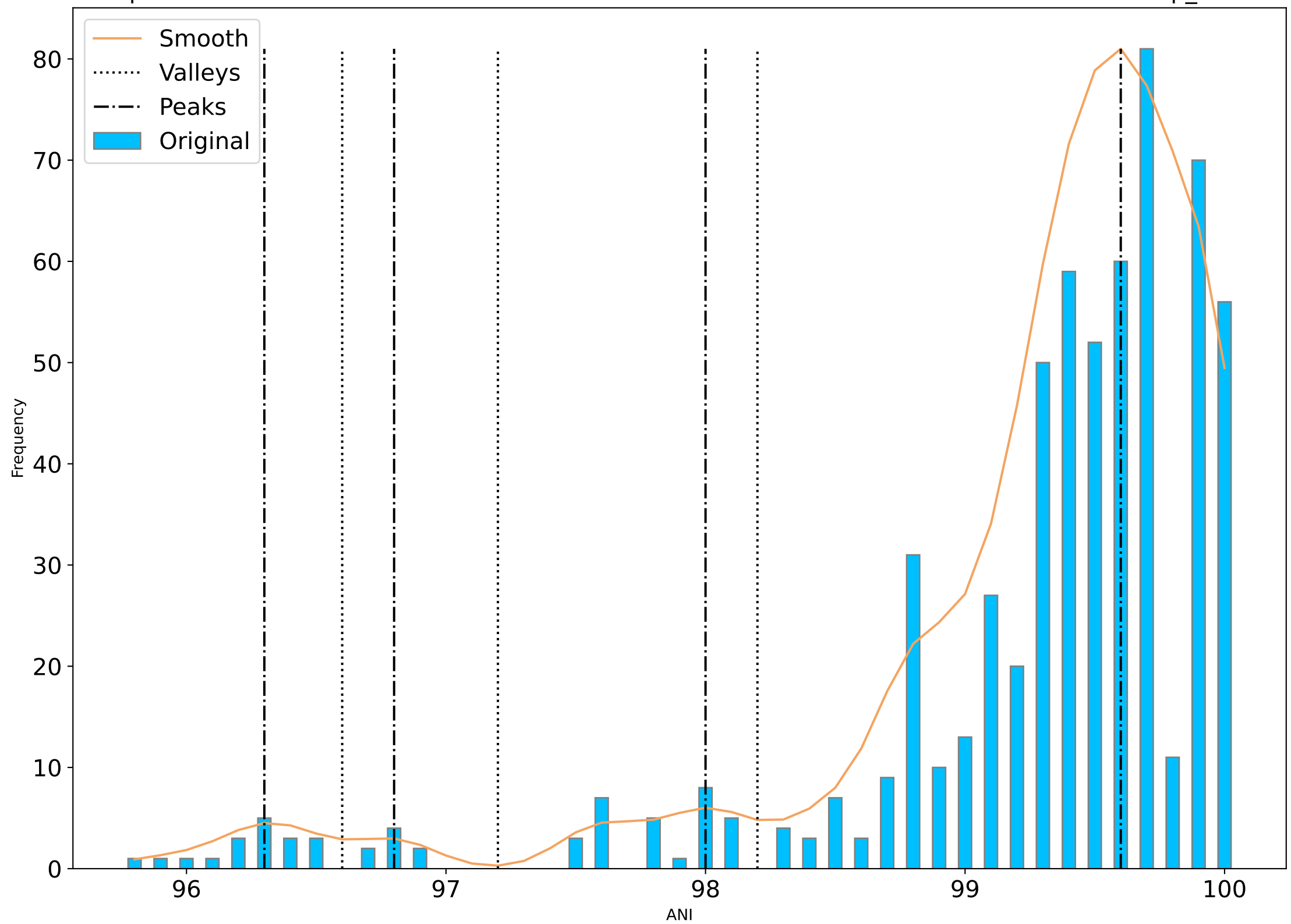


Species_148

Group 3

Norm_test 5.41352472846972e-66

Dip_test 0.0

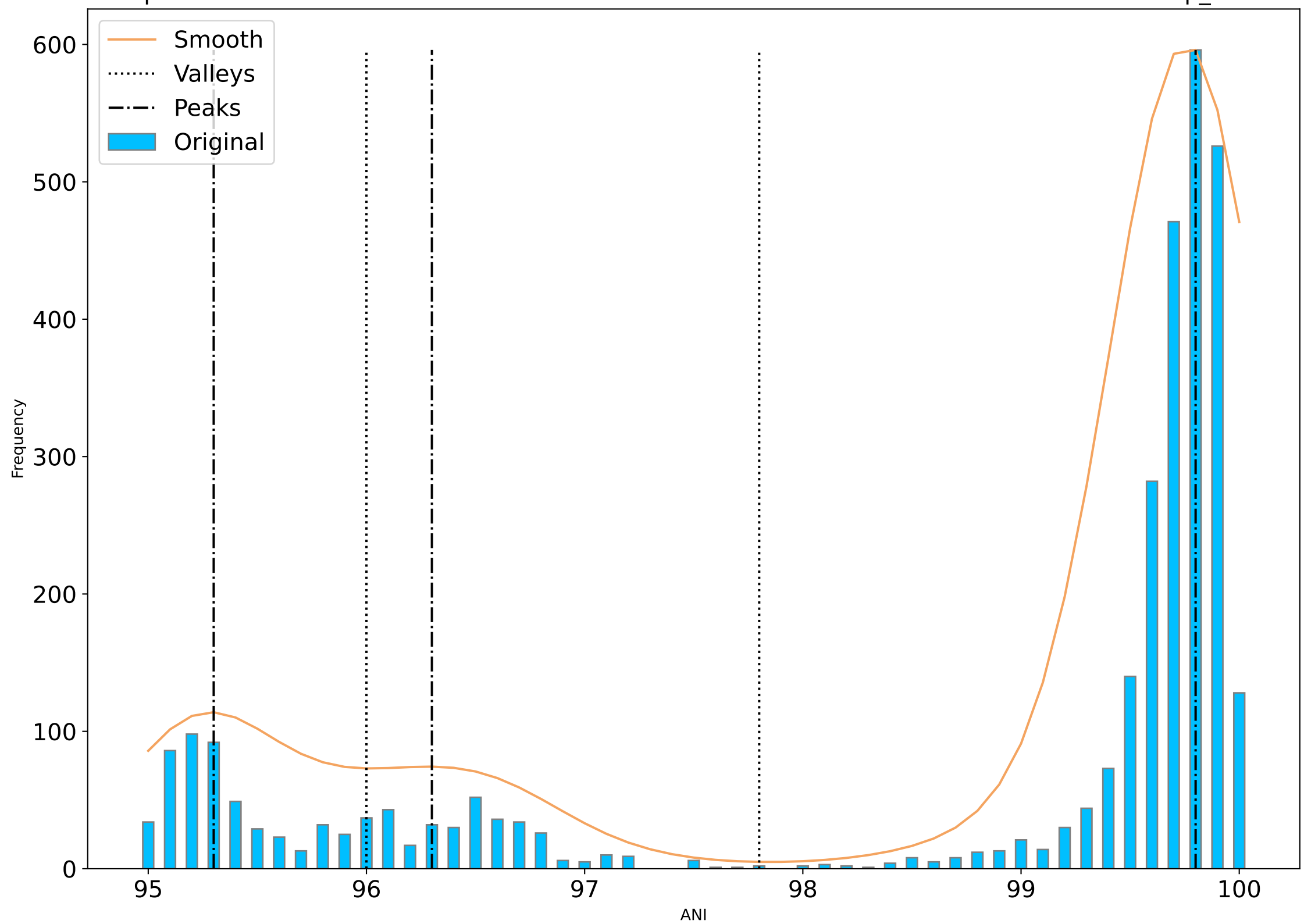


Species_149

Group 3

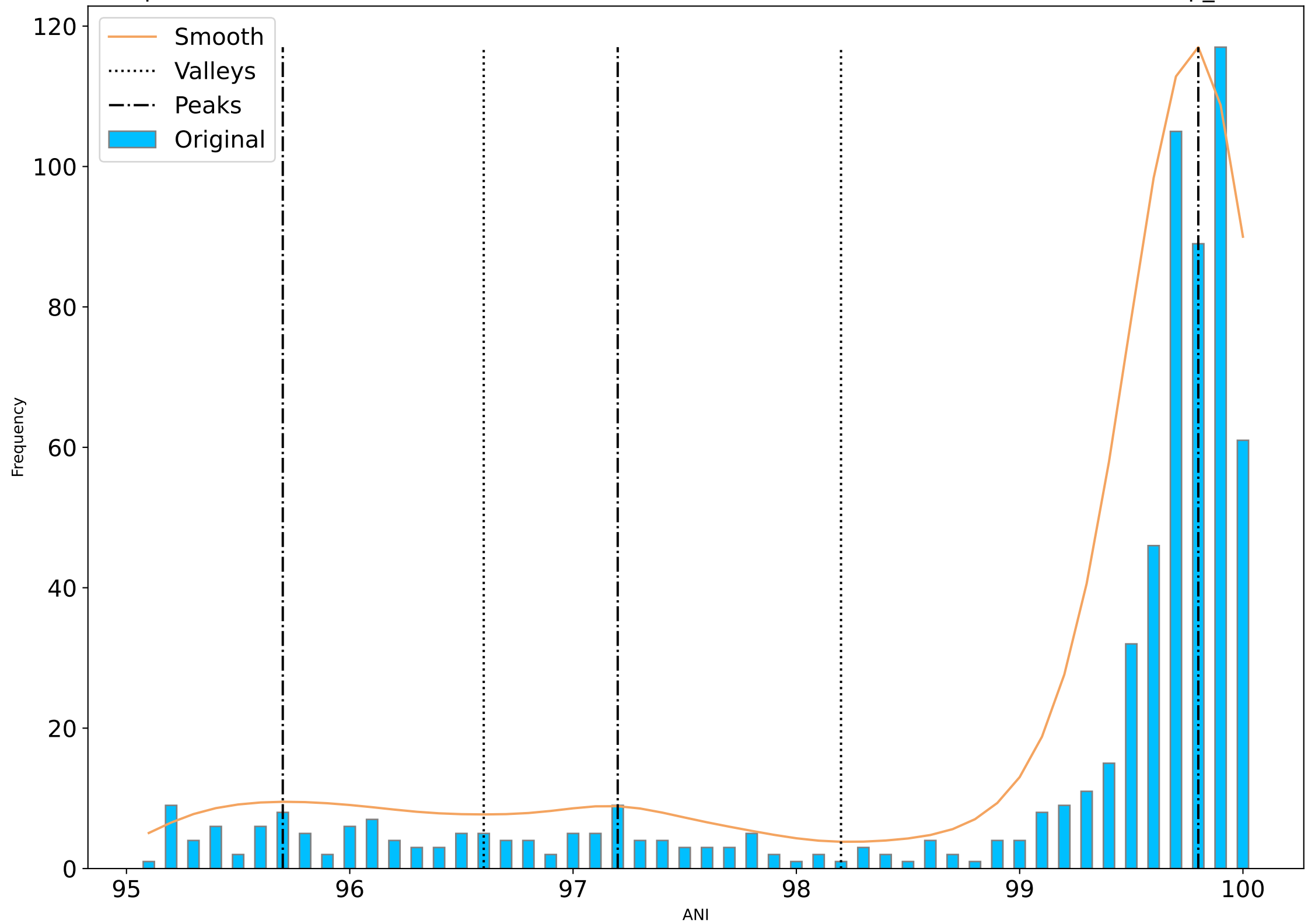
Norm_test 4.941236463531082e-114

Dip_test 0.0



Species_150
Group 3

Norm_test 3.3011790320635615e-37
Dip_test 0.0

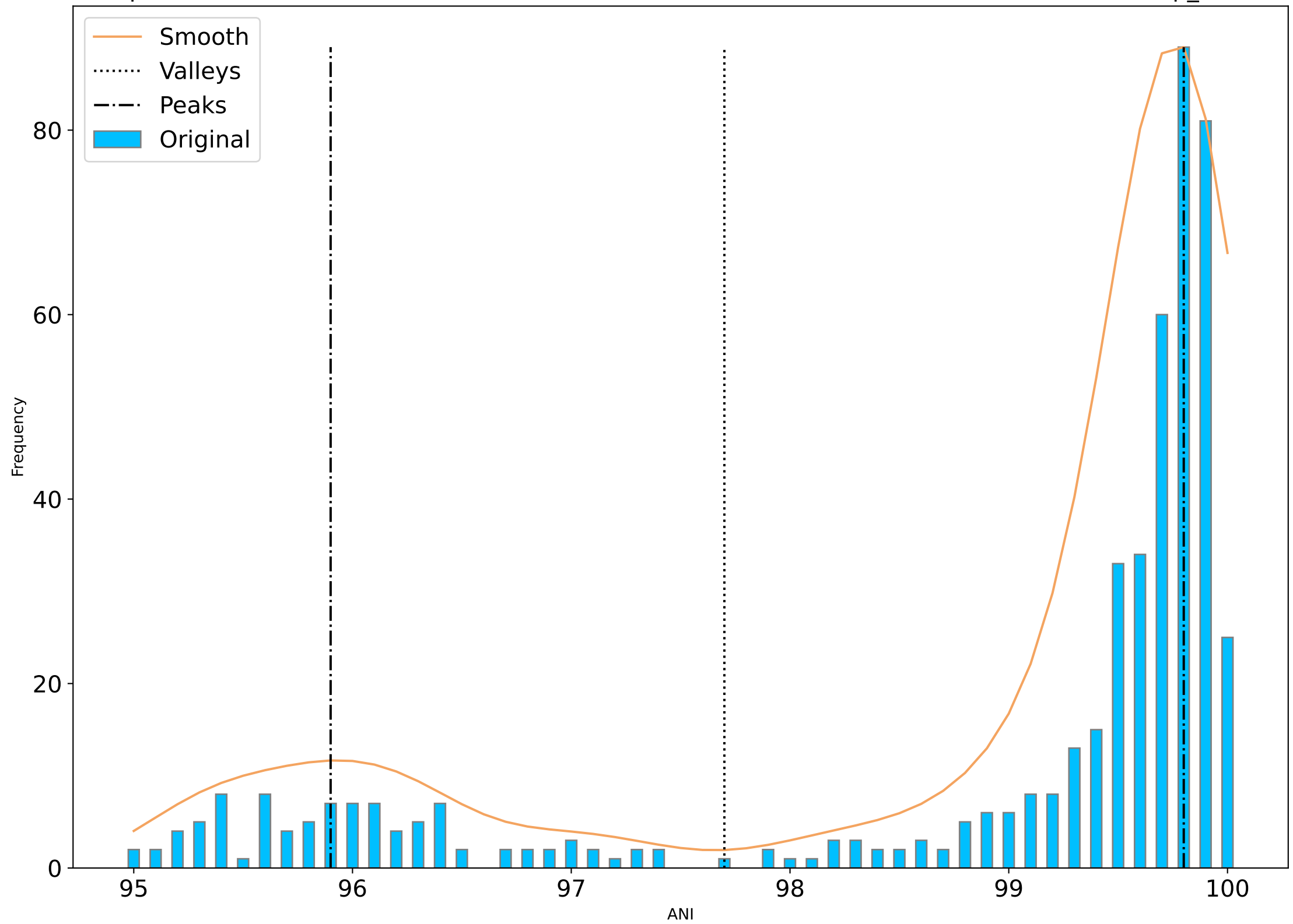


Species_152

Group 3

Norm_test 9.047636655158145e-26

Dip_test 0.0

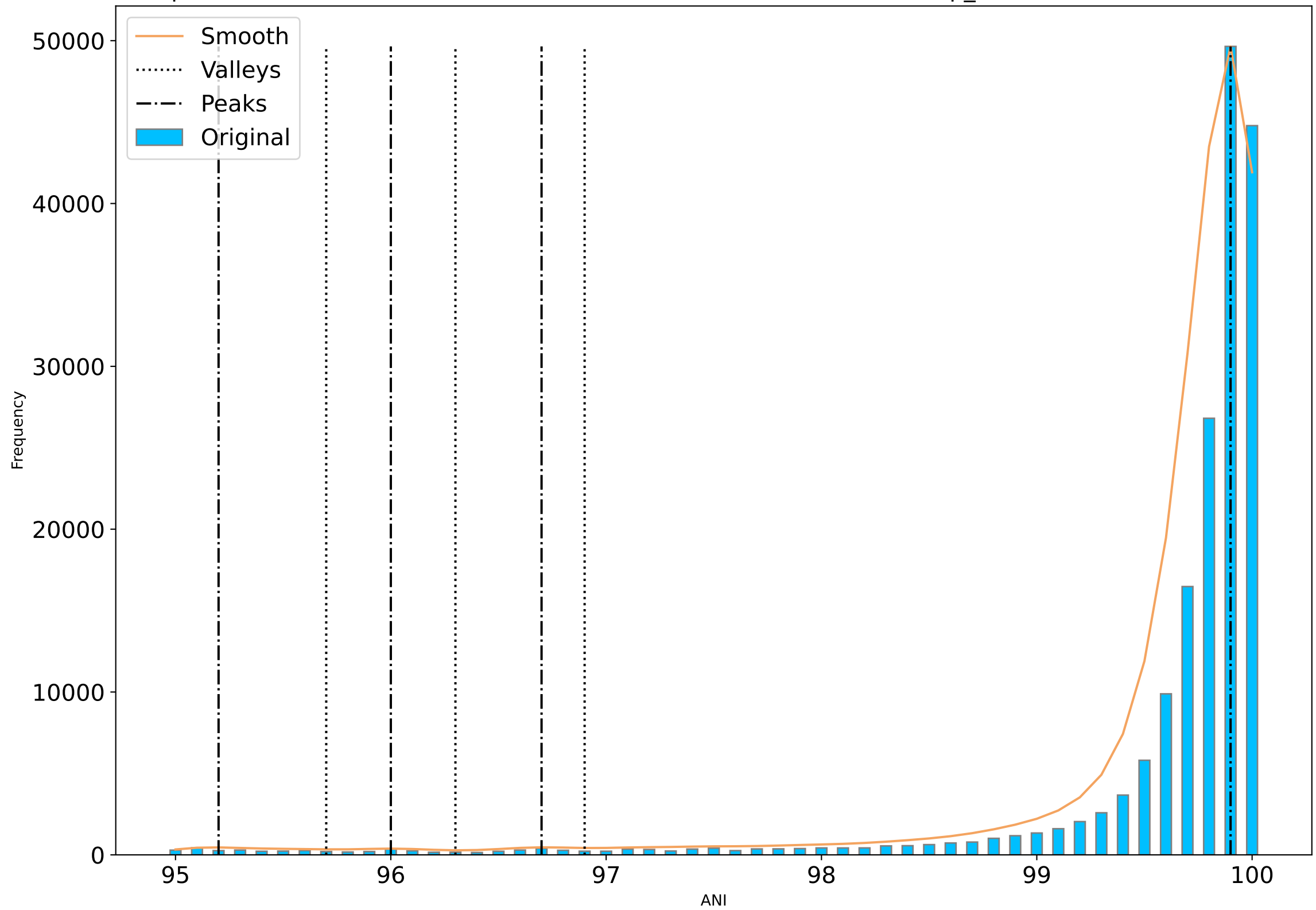


Species_153

Group 2

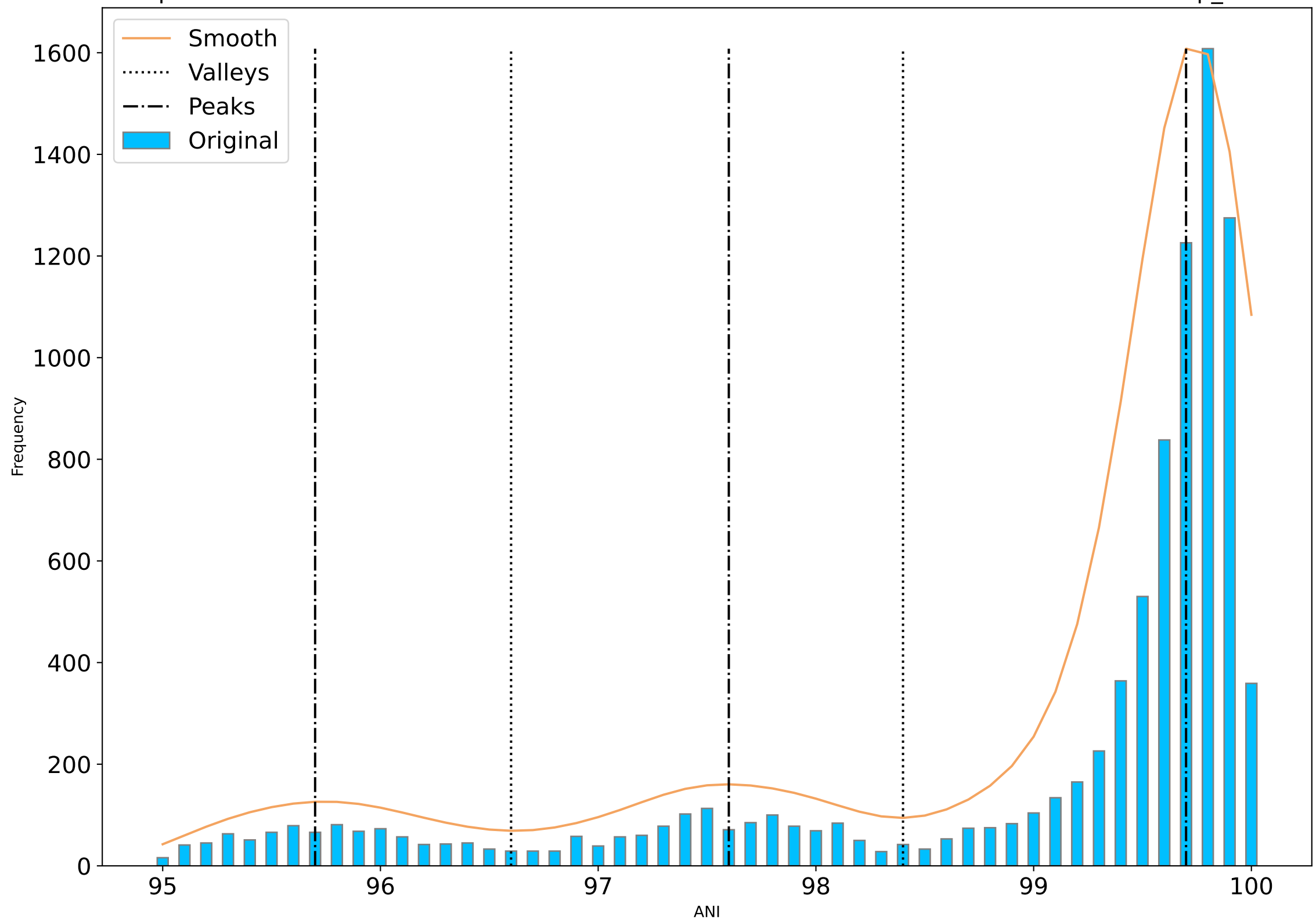
Norm_test 0.0

Dip_test 0.002787024810639749



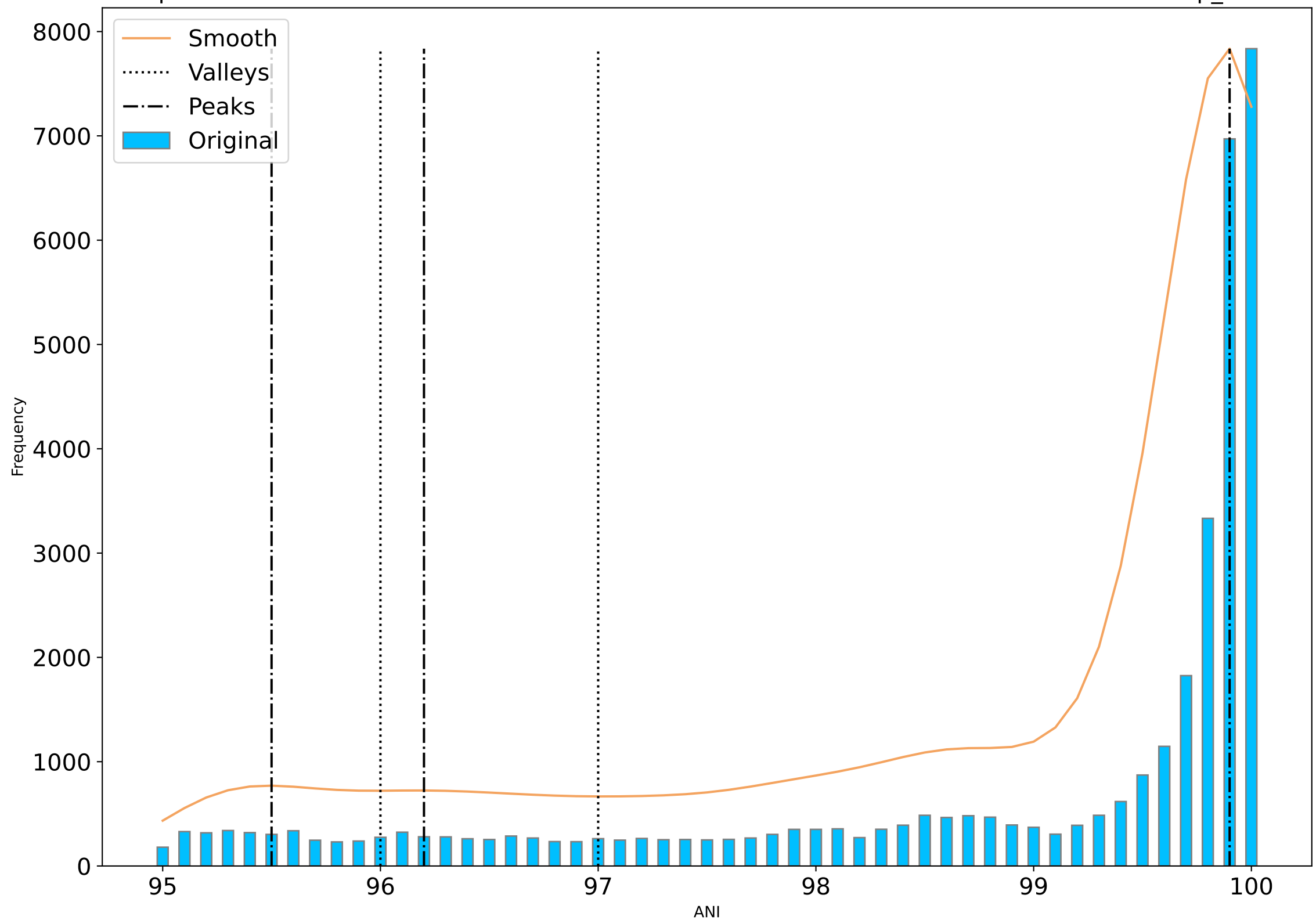
Species_154
Group 3

Norm_test 0.0
Dip_test 0.0



Species_155
Group 3

Norm_test 0.0
Dip_test 0.0

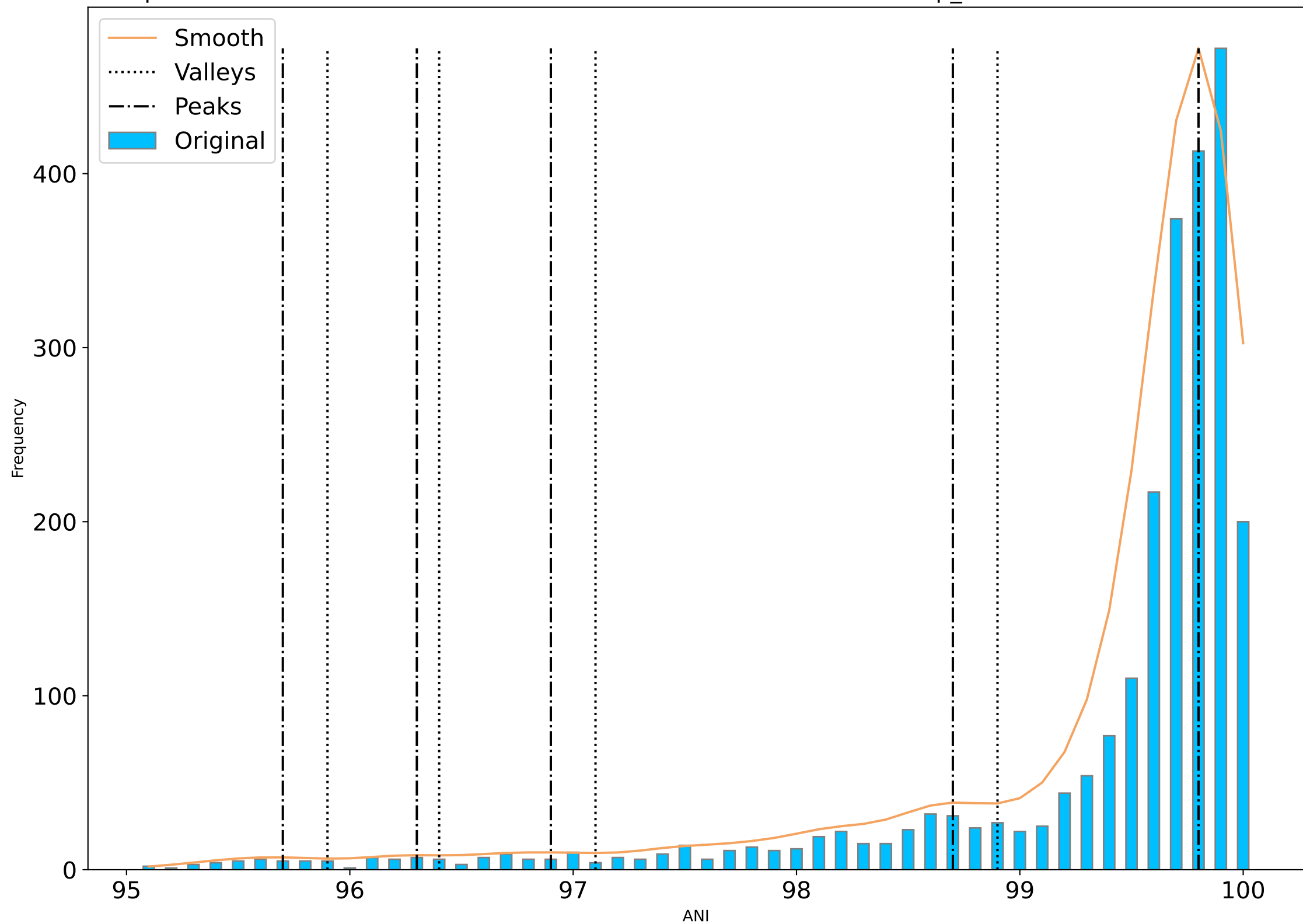


Species_156

Group 1

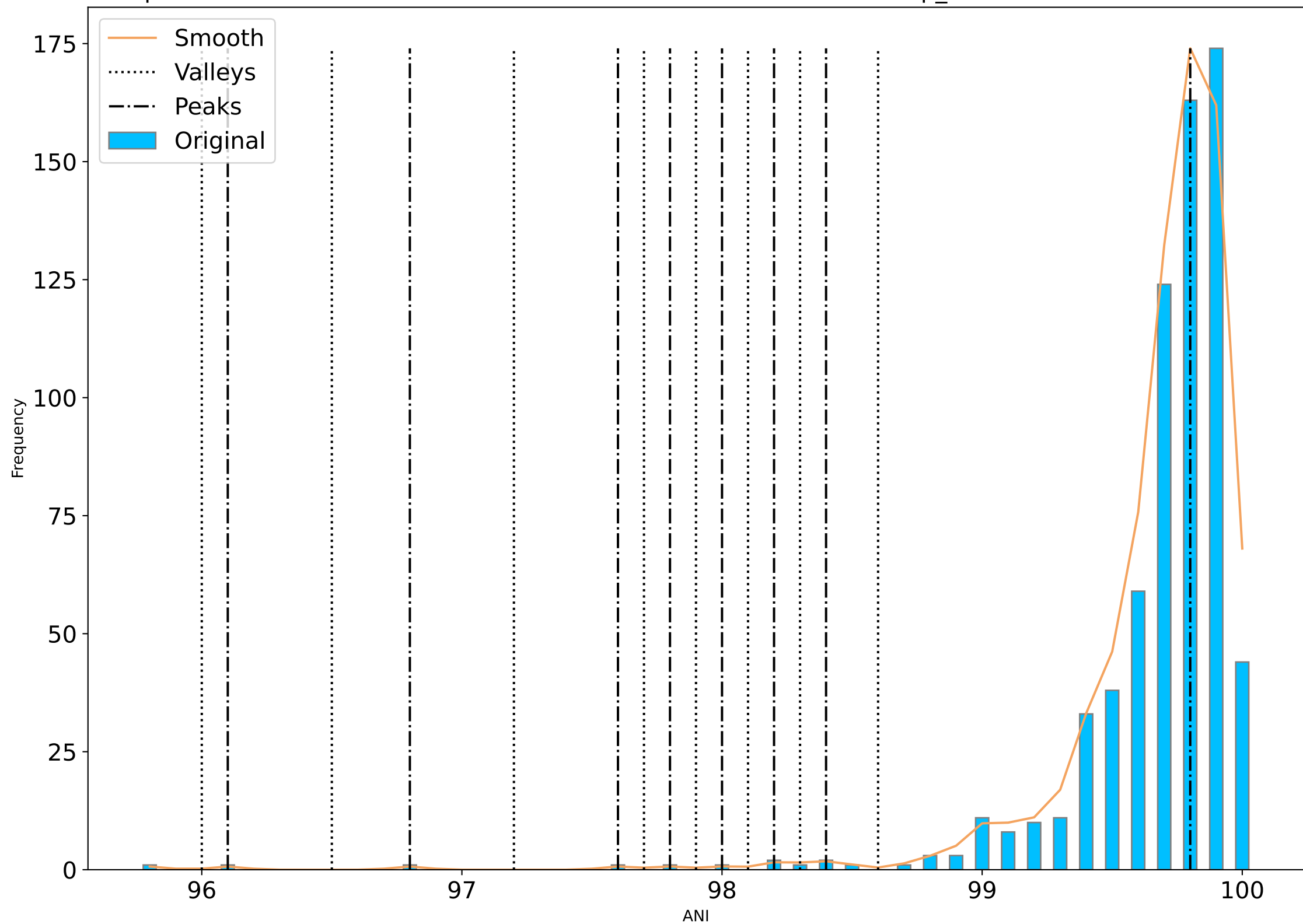
Norm_test 1.0695943078796277e-278

Dip_test 0.018699706571719377



Species_157
Group 2

Norm_test 1.4789603637787074e-163
Dip_test 0.0005794377928716177

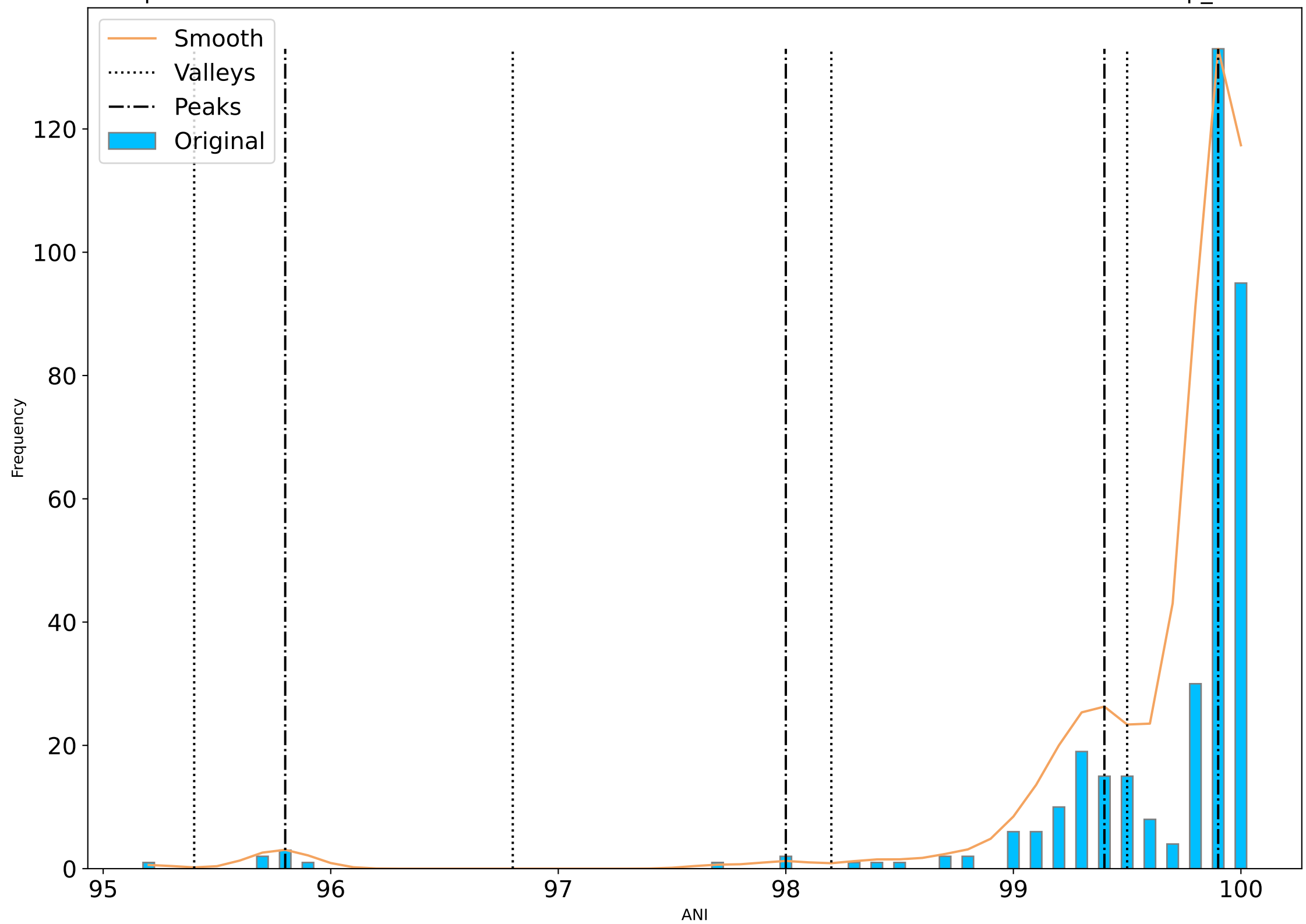


Species_160

Group 2

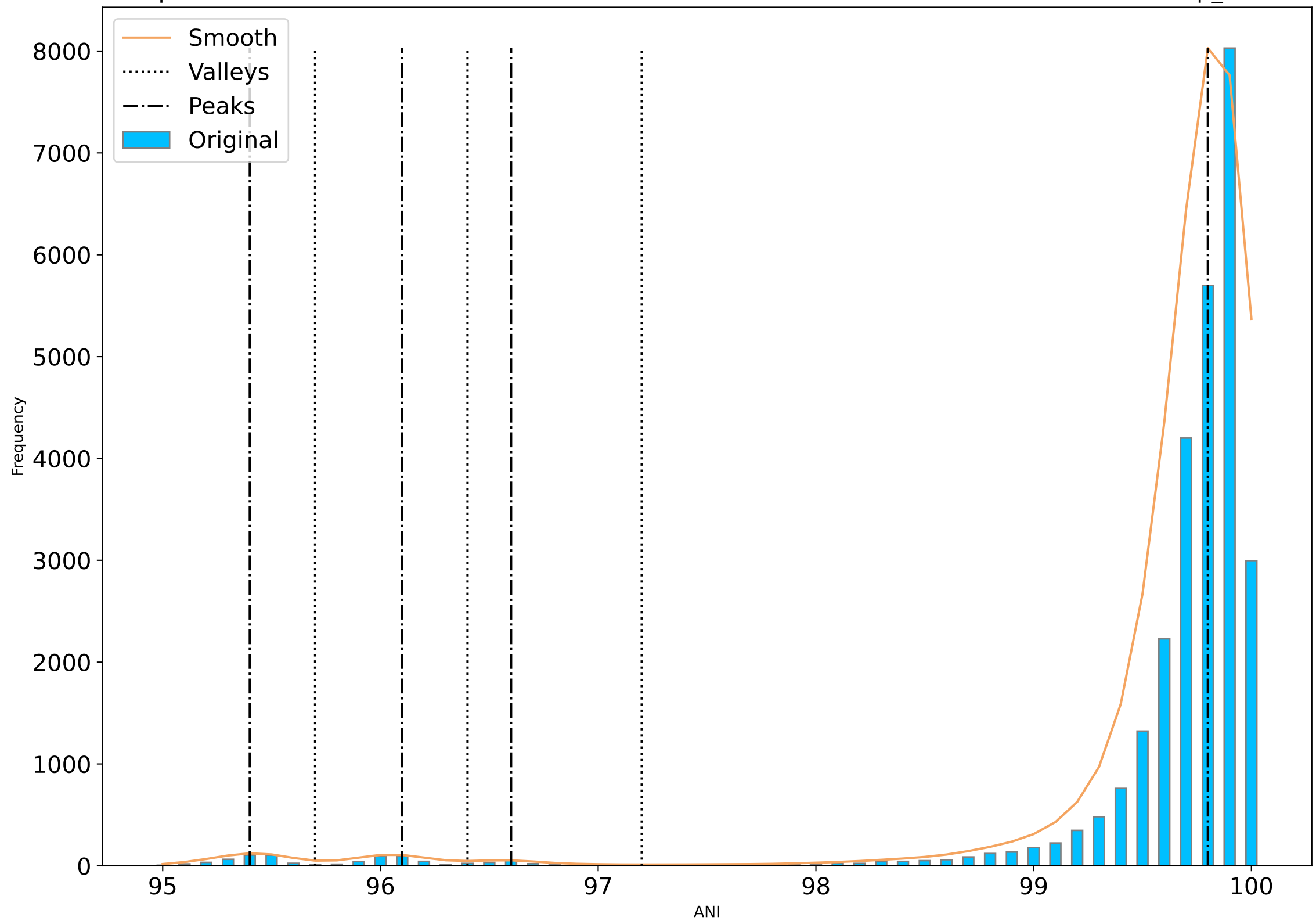
Norm_test 3.5430904751690803e-79

Dip_test 0.0



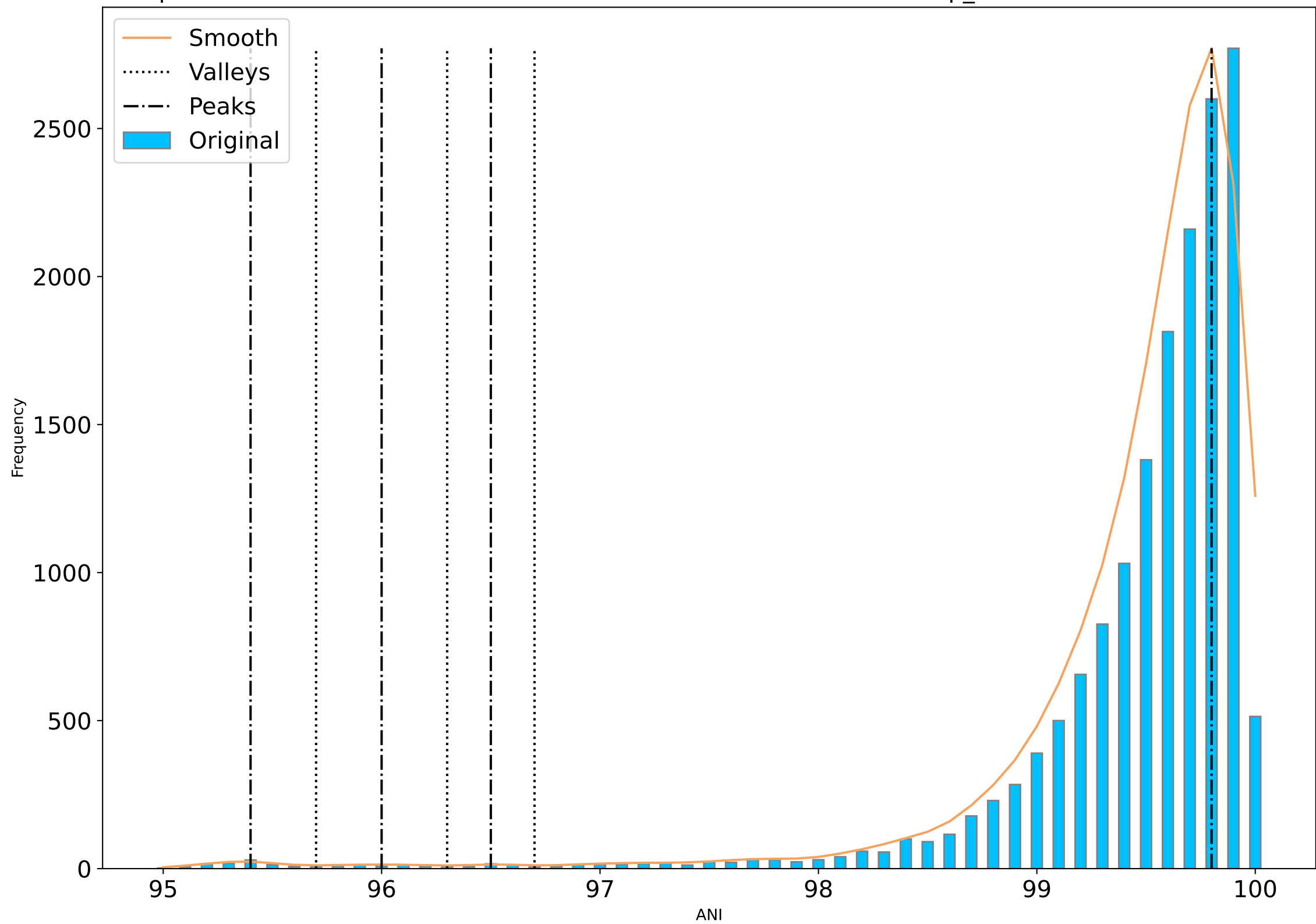
Species_162
Group 2

Norm_test 0.0
Dip_test 0.0



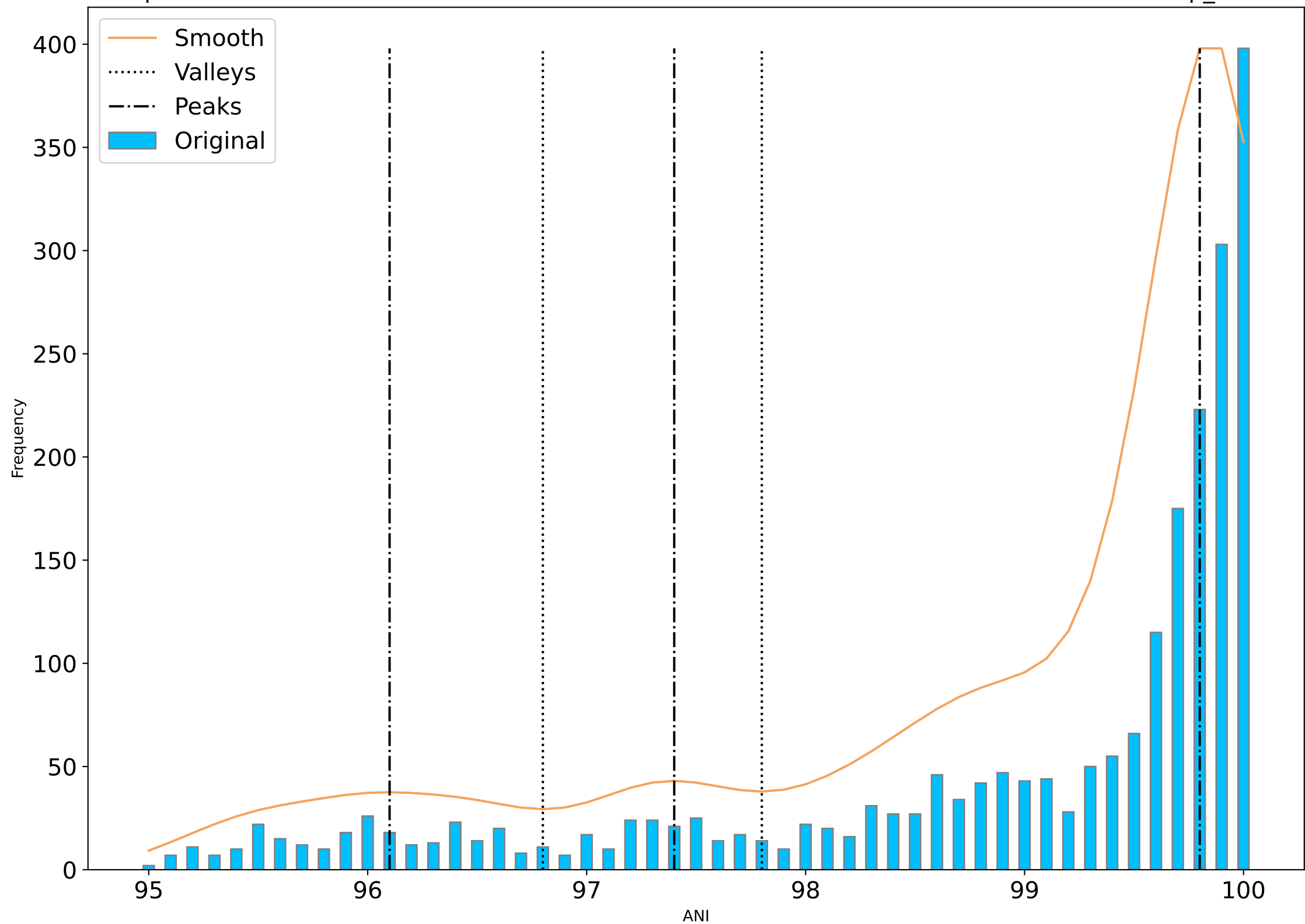
Species_164
Group 3

Norm_test 0.0
Dip_test 0.019157824913190957



Species_165
Group 3

Norm_test 1.0316220683088363e-99
Dip_test 0.0

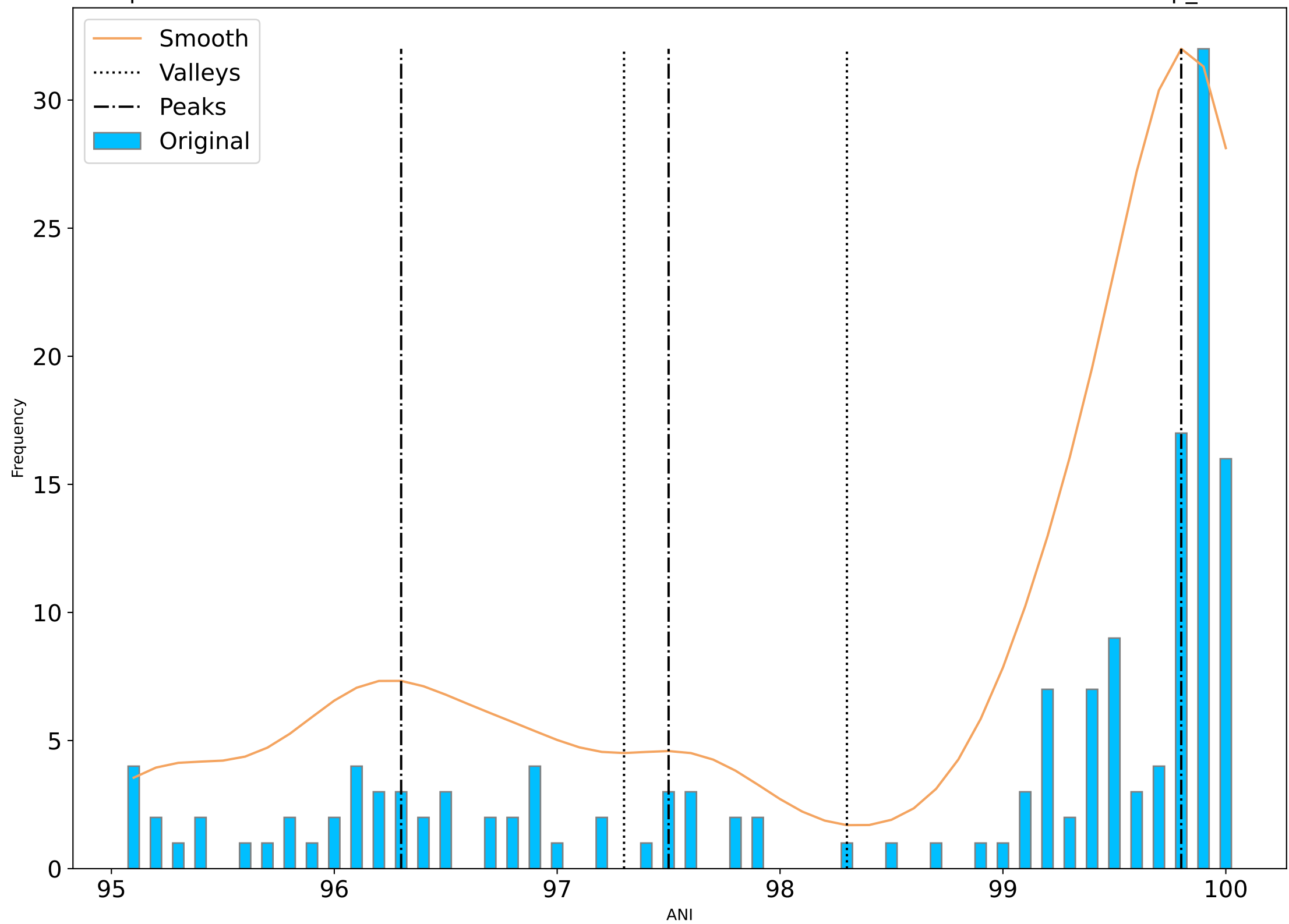


Species_166

Group 3

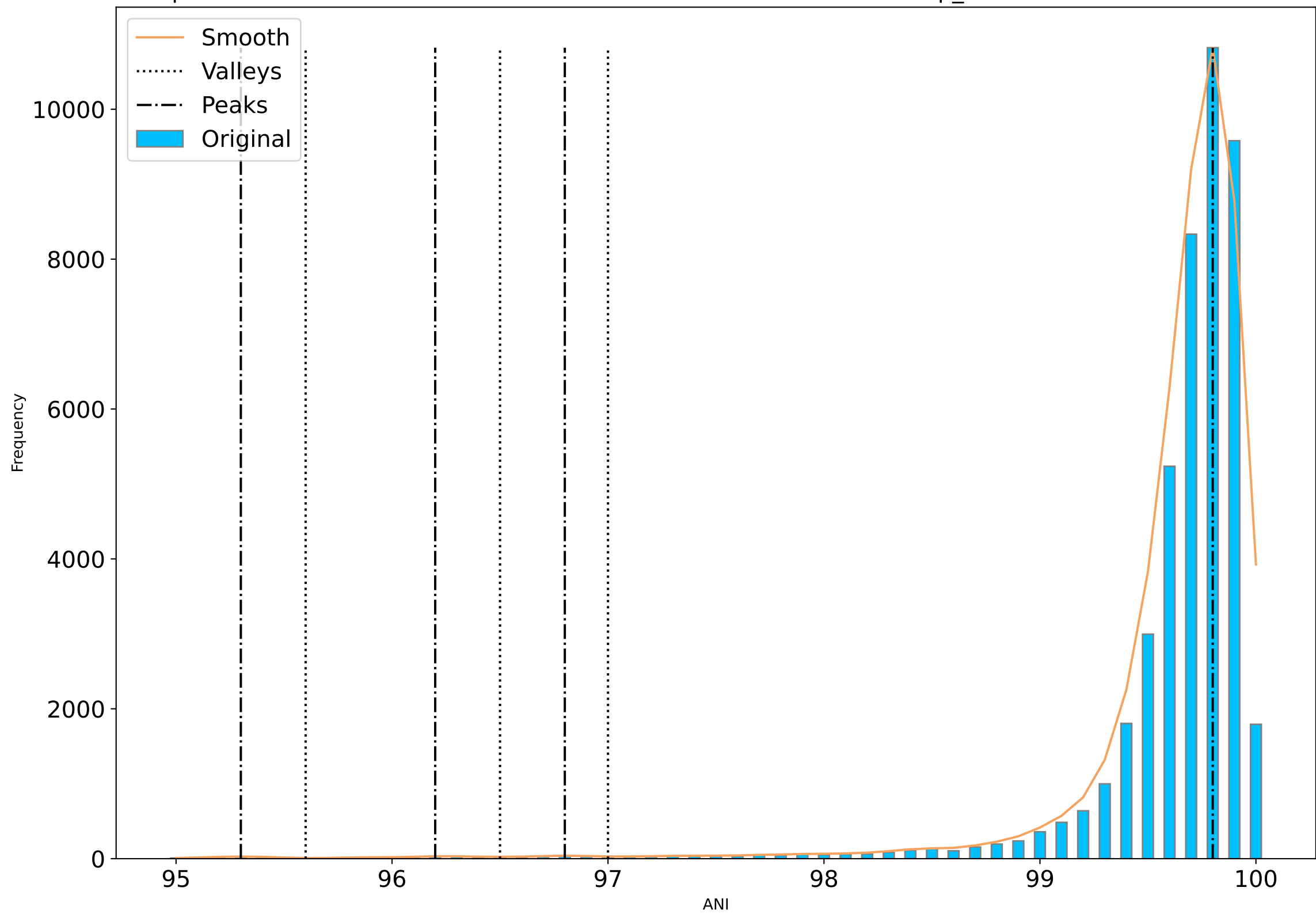
Norm_test 4.5657937247177853e-07

Dip_test 0.0



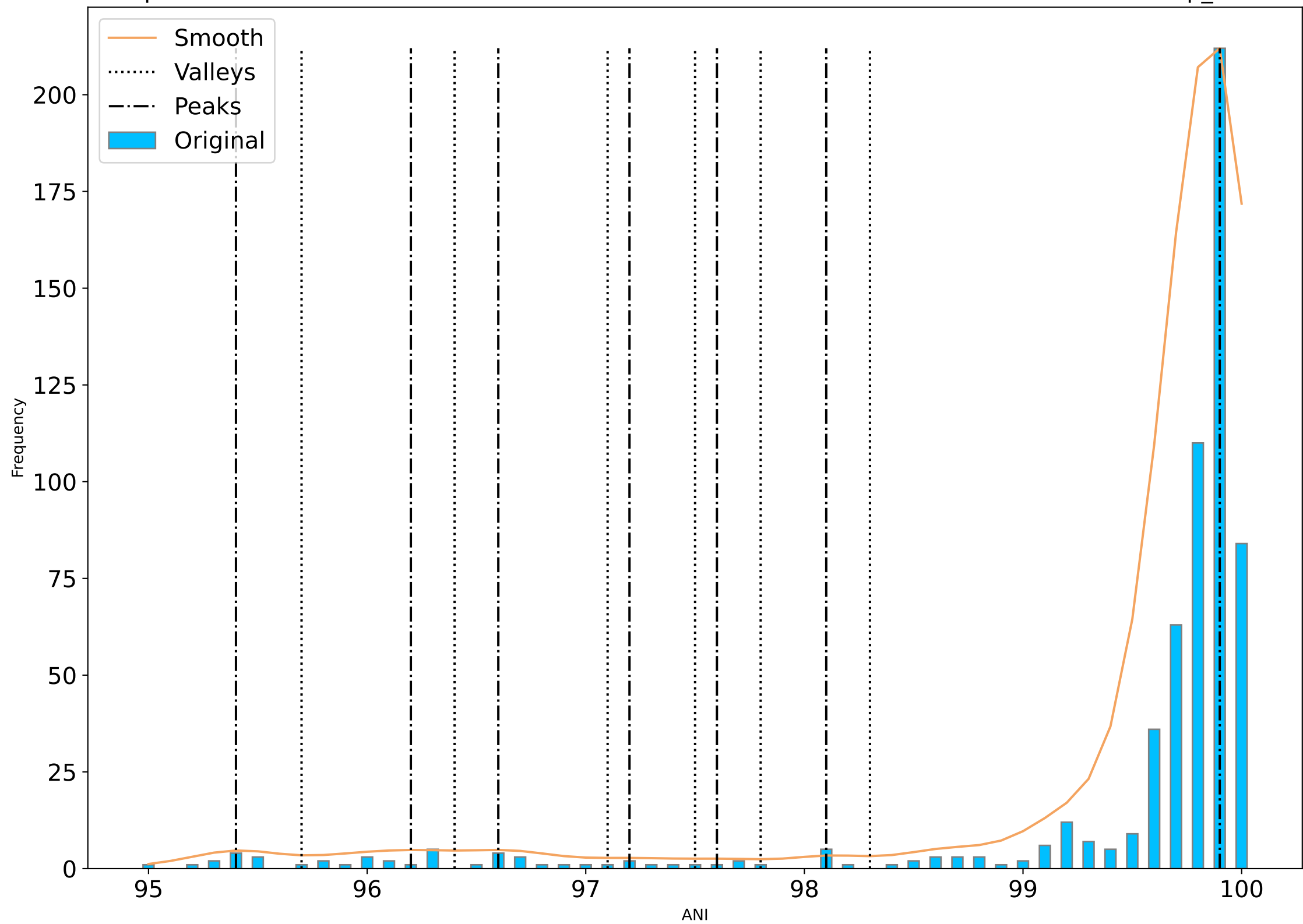
Species_167
Group 2

Norm_test 0.0
Dip_test 0.0013688387172546834



Species_168
Group 3

Norm_test 3.258863406797049e-86
Dip_test 0.0

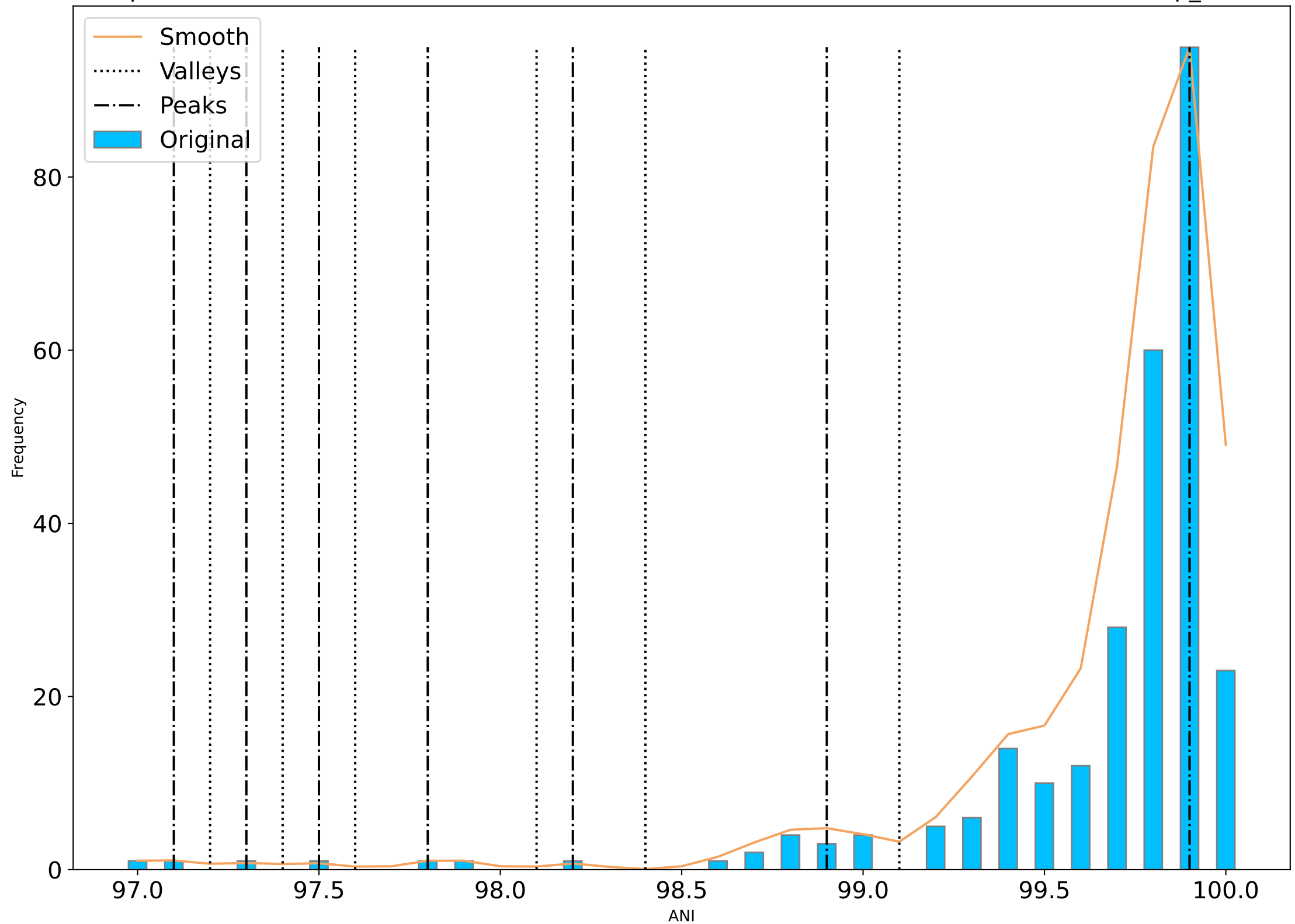


Species_169

Group 2

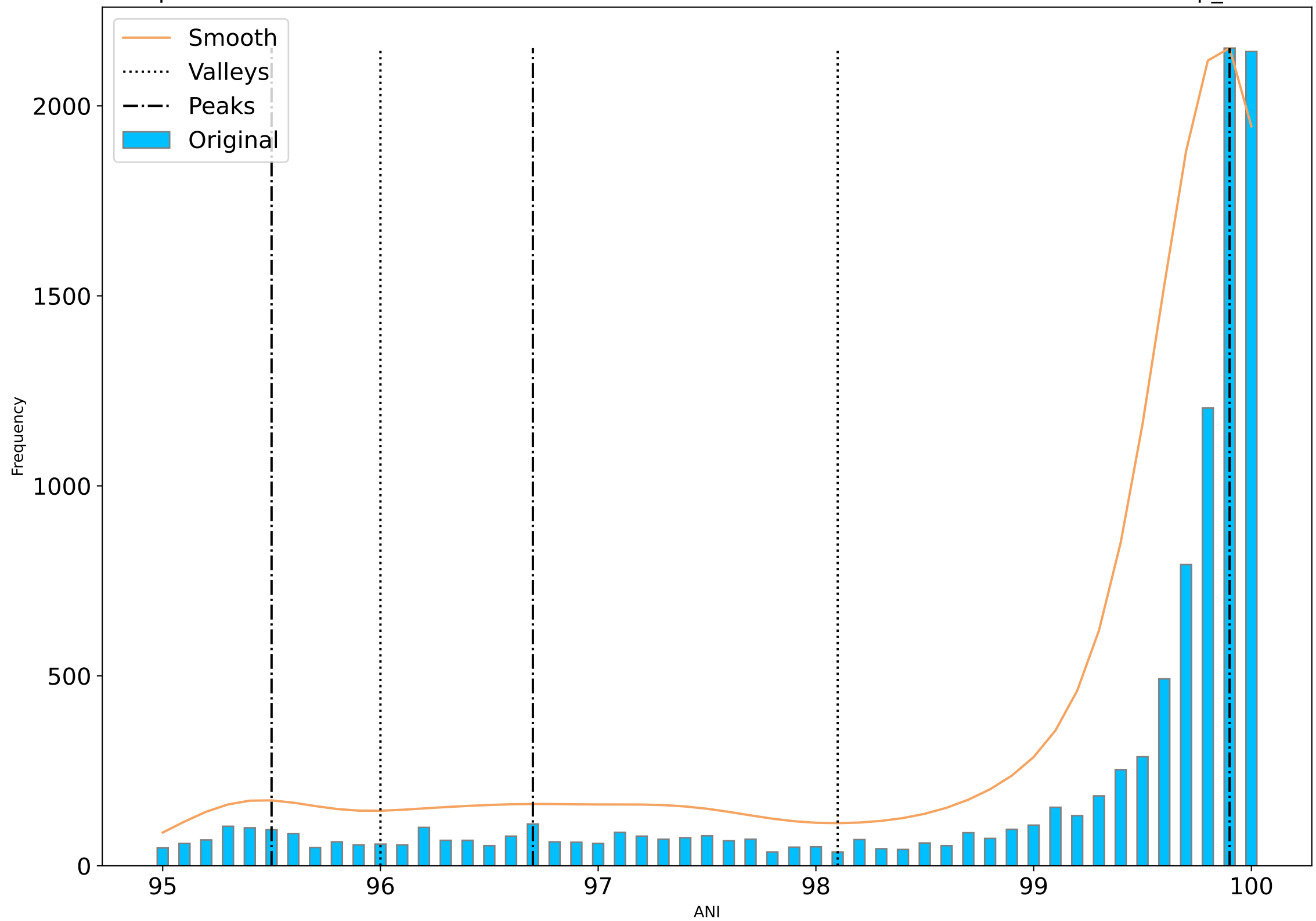
Norm_test 5.374216019263697e-50

Dip_test 0.0



Species_171
Group 3

Norm_test 0.0
Dip_test 0.0

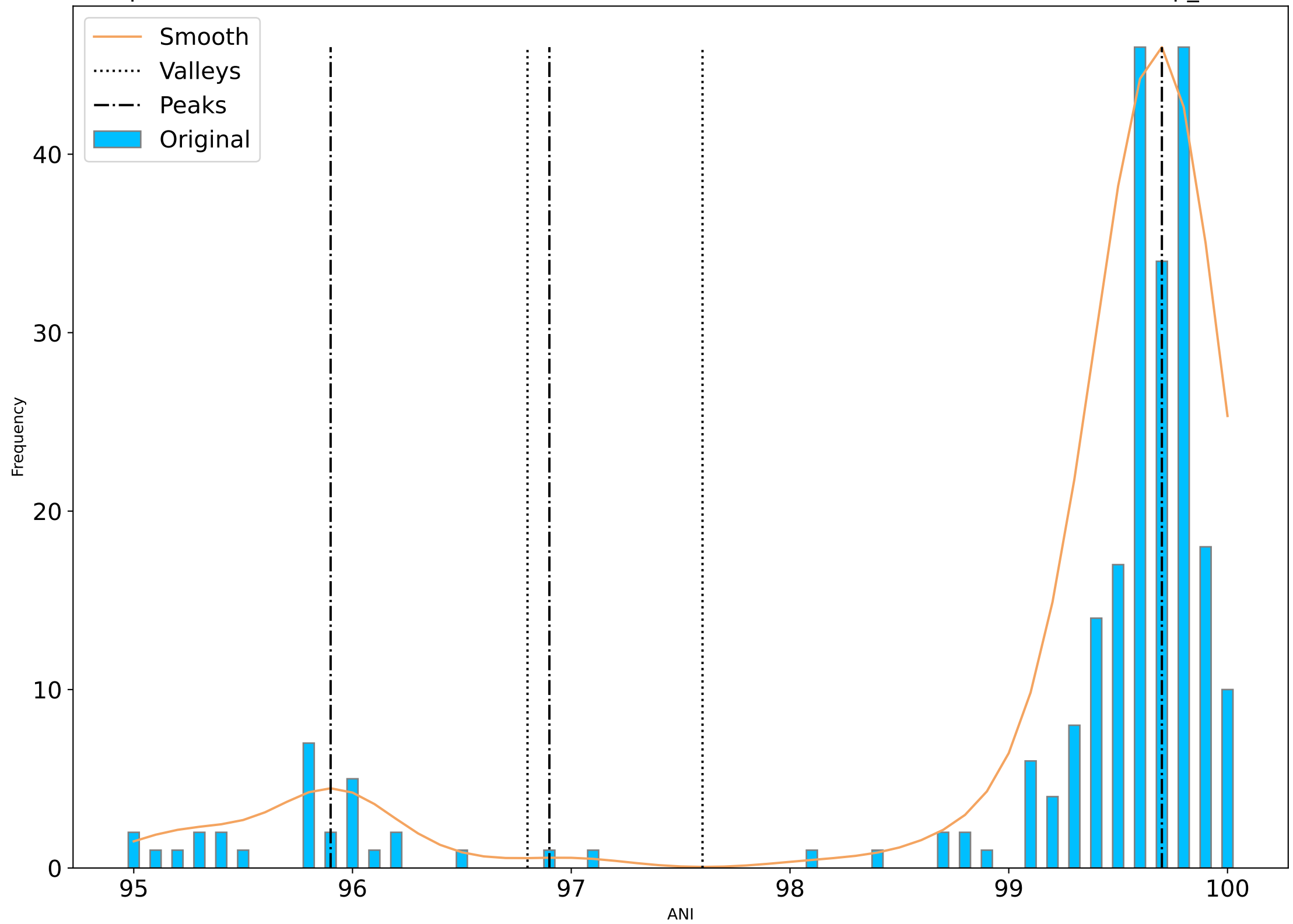


Species_172

Group 3

Norm_test 4.092797379498586e-25

Dip_test 0.0

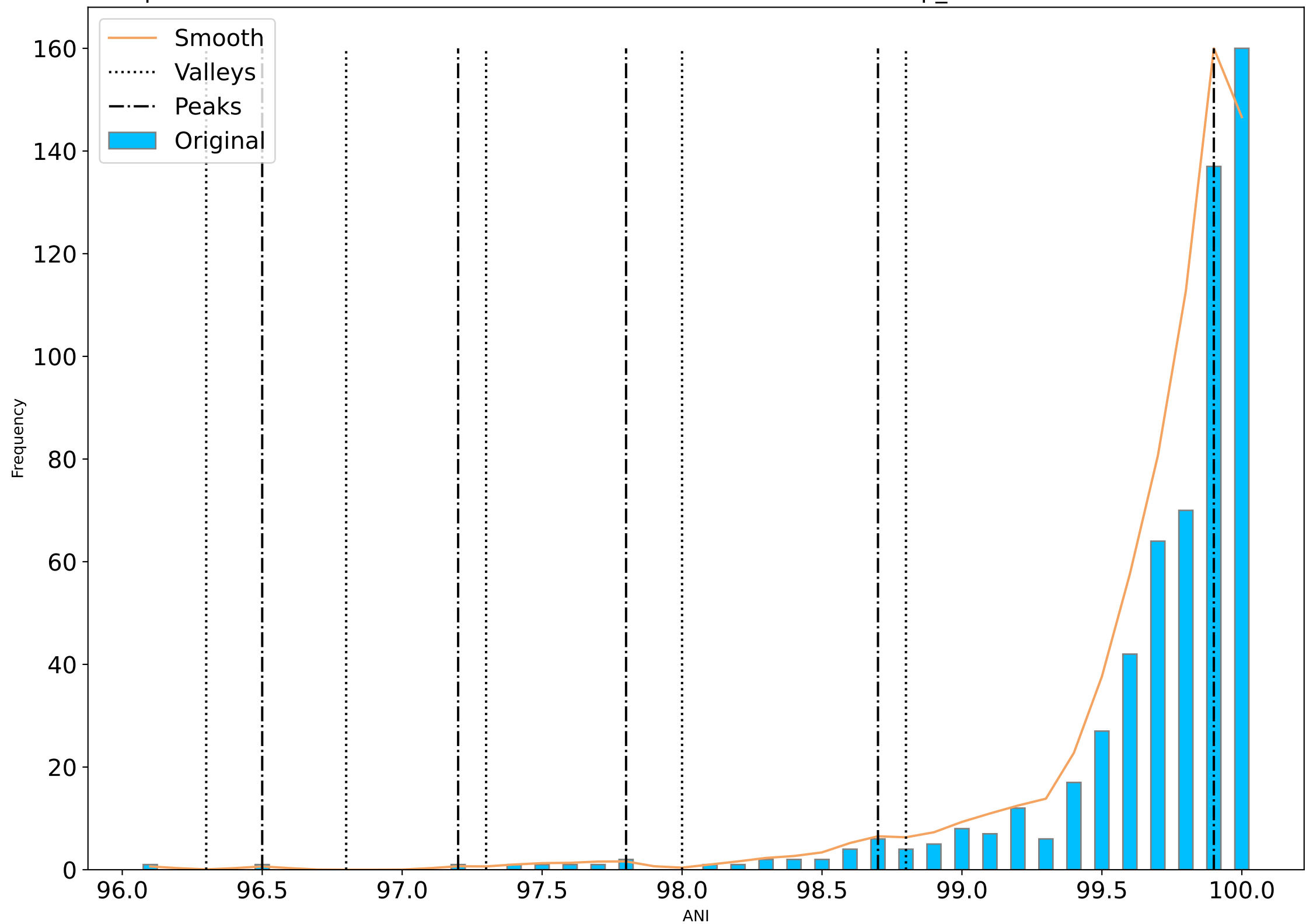


Species_175

Group 2

Norm_test 5.014807391632457e-101

Dip_test 0.0008221827138185089

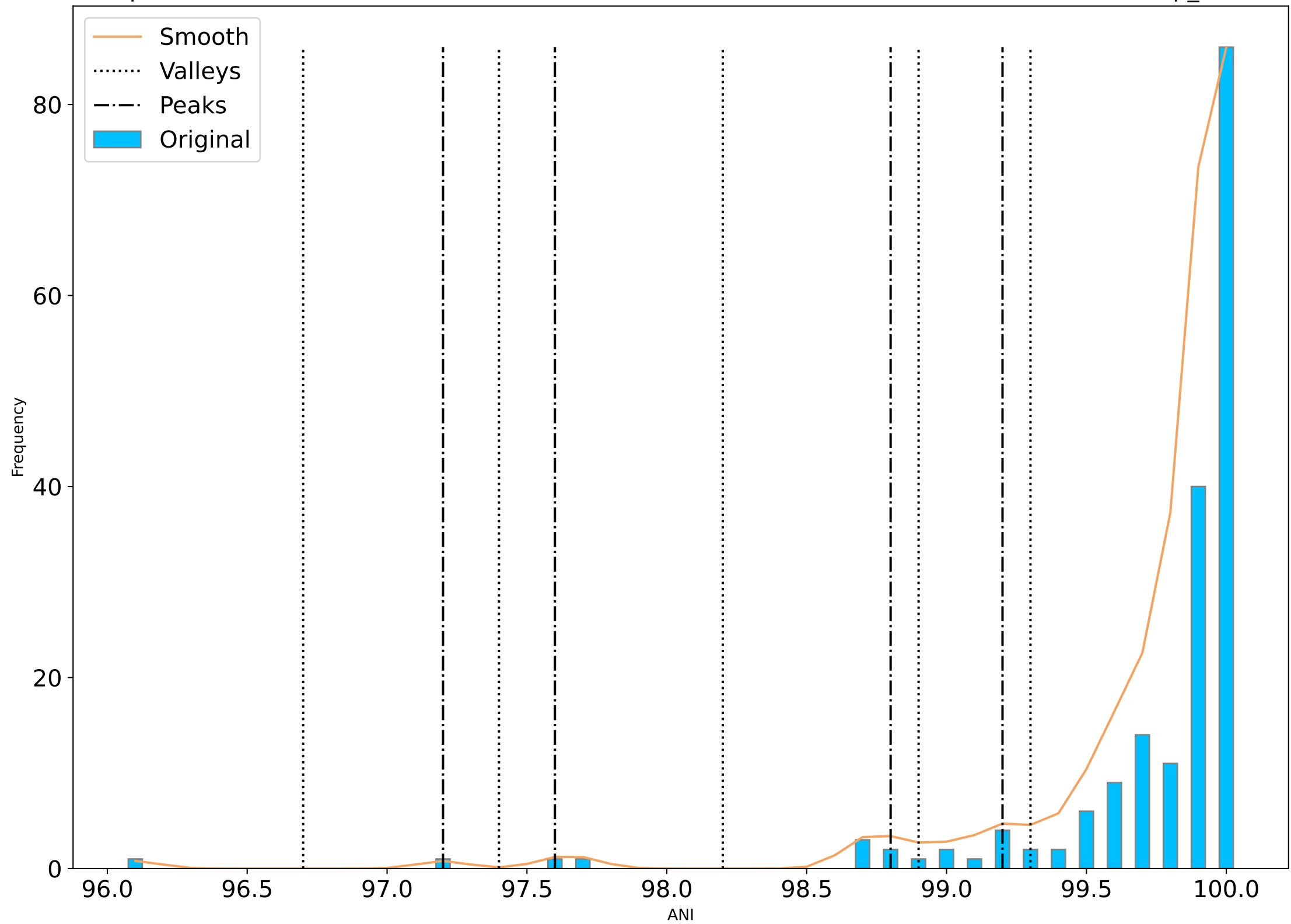


Species_176

Group 2

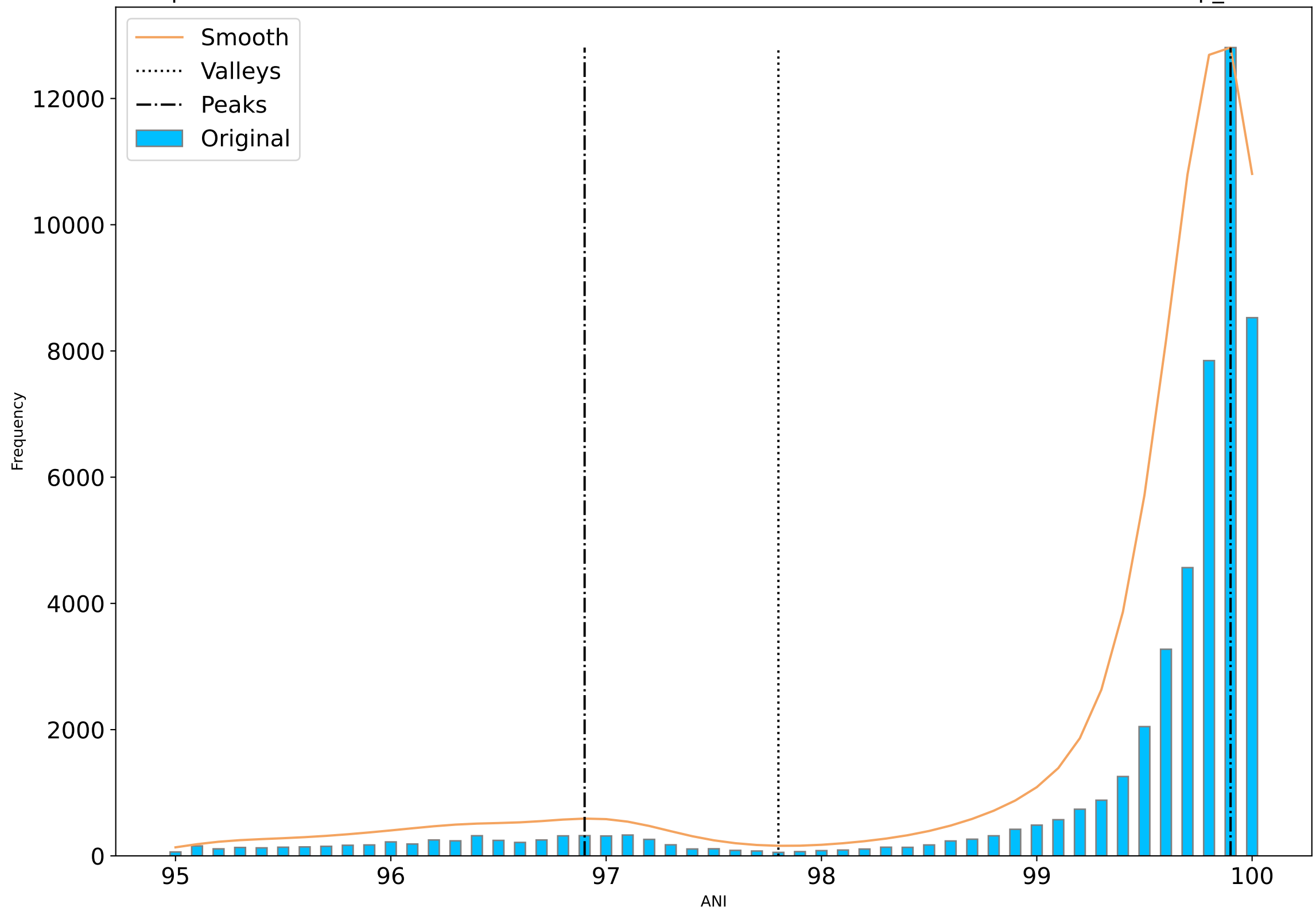
Norm_test 1.364514452732004e-43

Dip_test 0.0



Species_177
Group 3

Norm_test 0.0
Dip_test 0.0

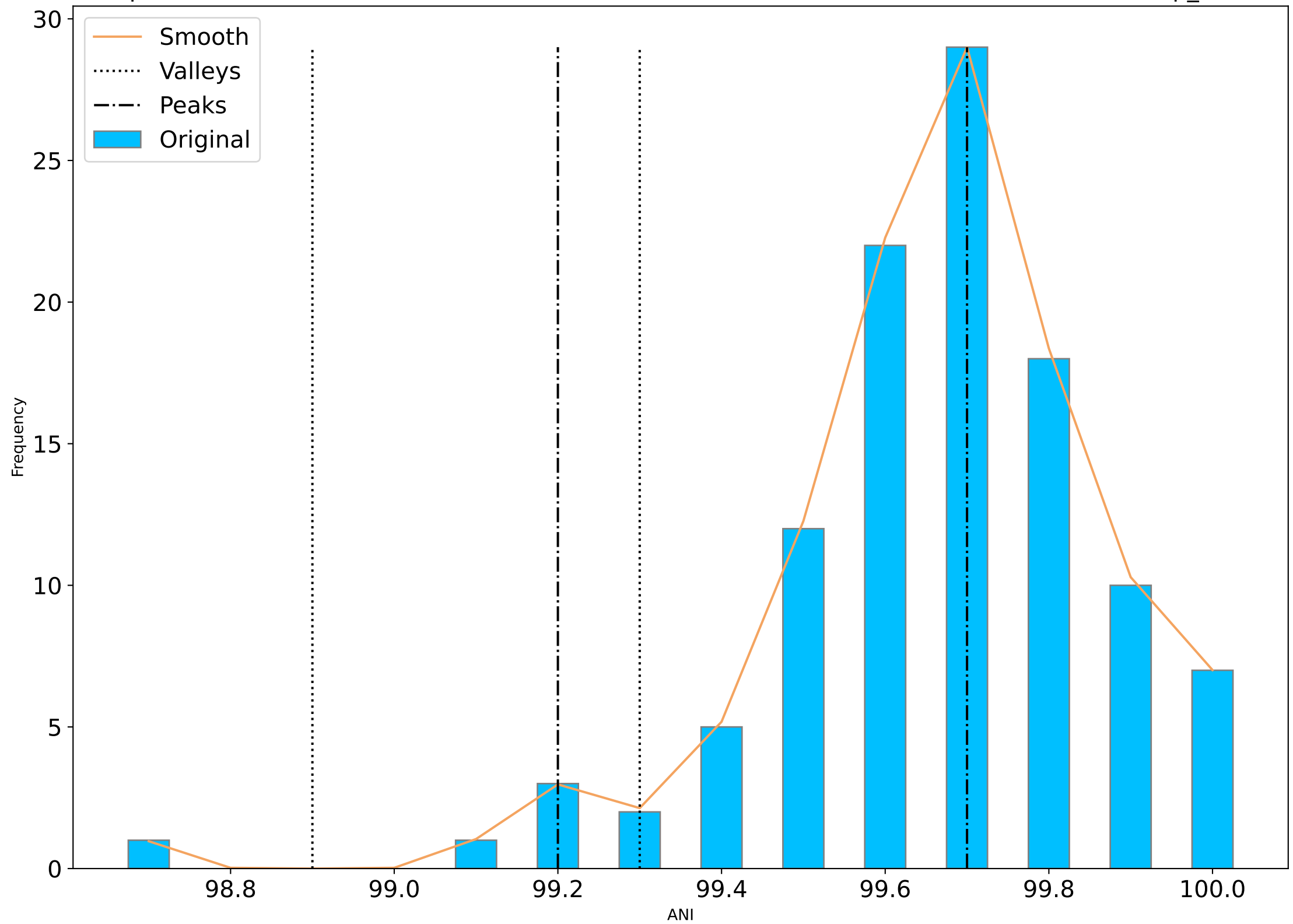


Species_179

Group 2

Norm_test 3.4217861850177624e-09

Dip_test 0.0

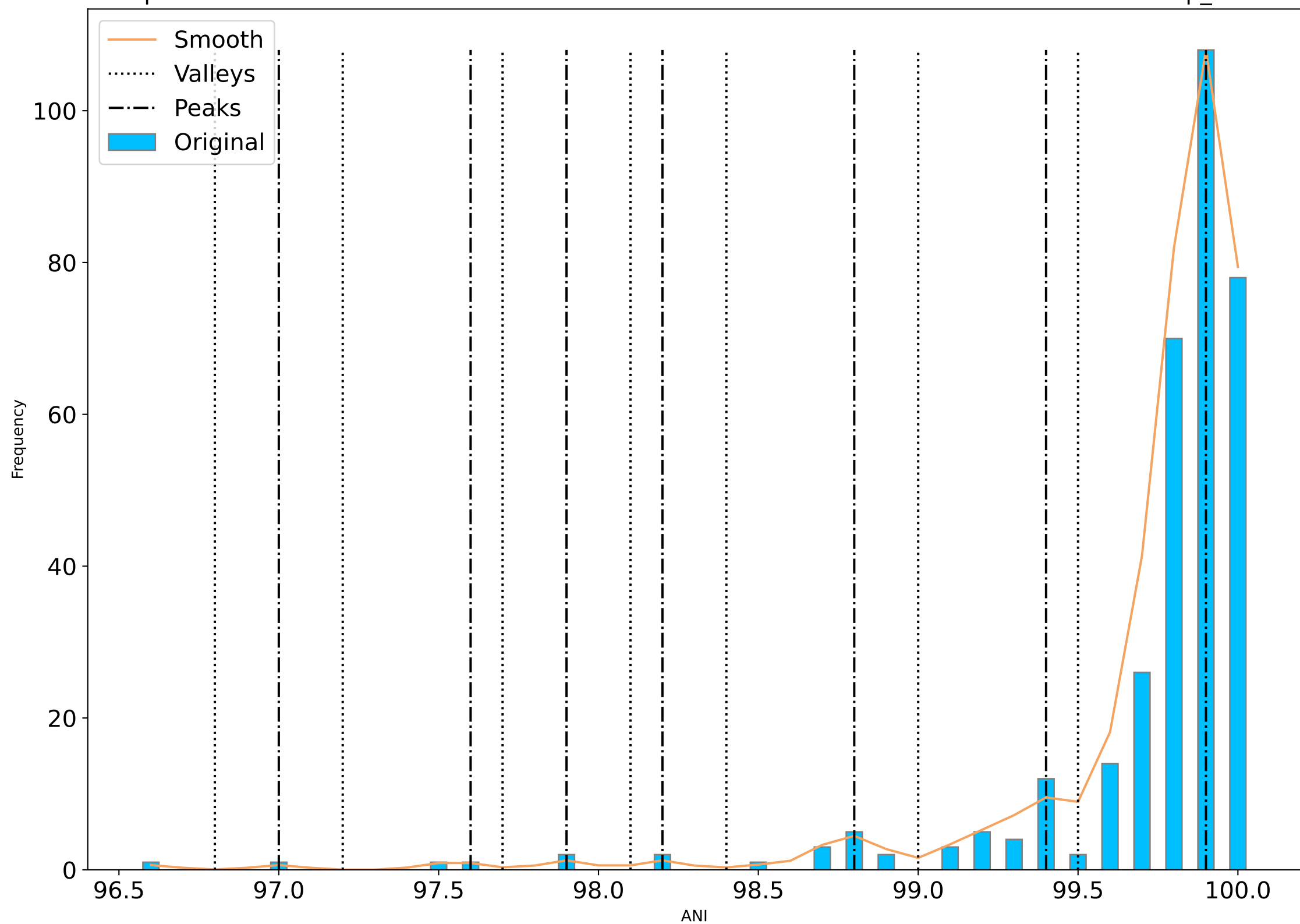


Species_181

Group 2

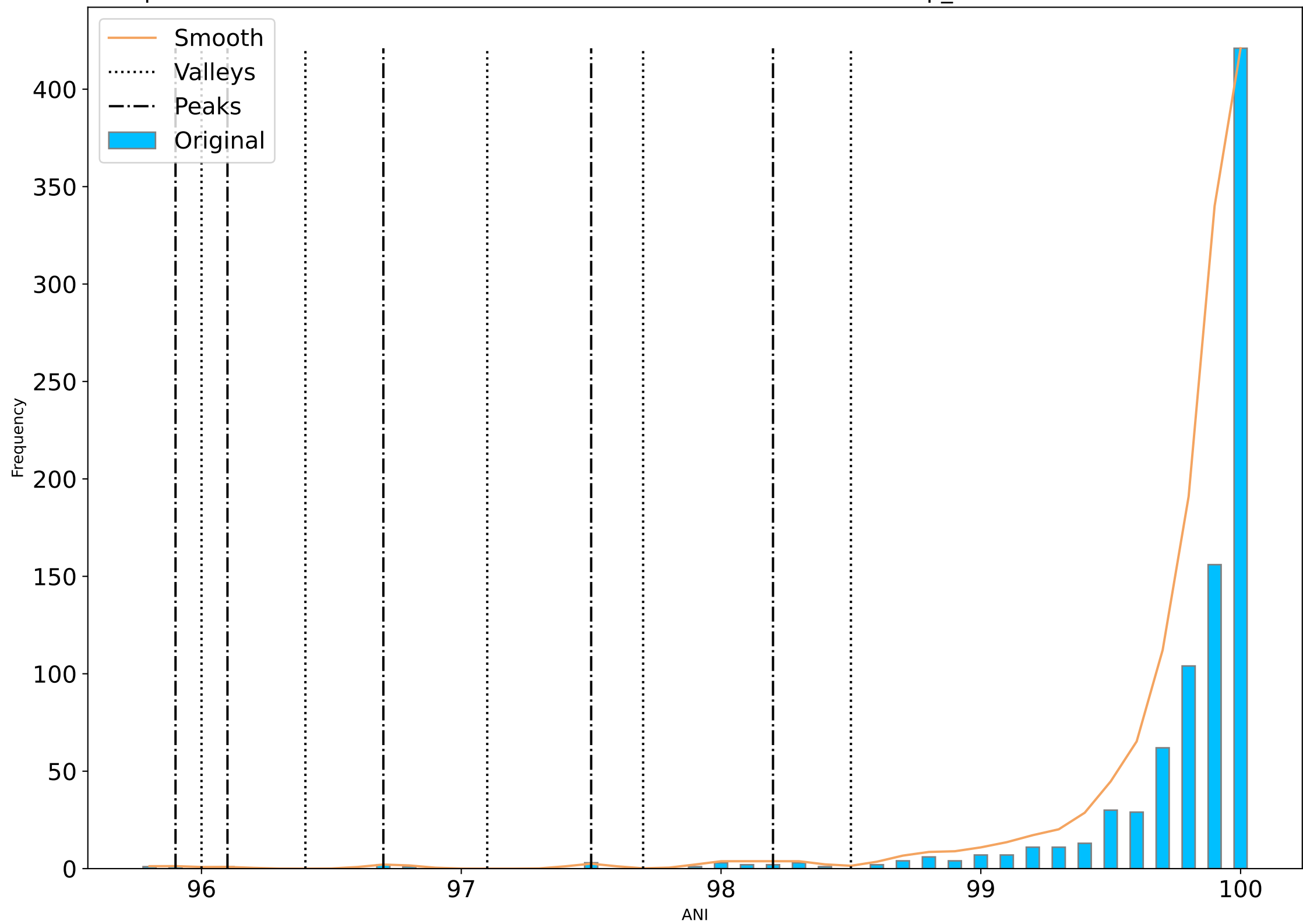
Norm_test 9.652699575544807e-67

Dip_test 0.0



Species_182
Group 2

Norm_test 1.0505951432520132e-191
Dip_test 4.137187593022951e-05

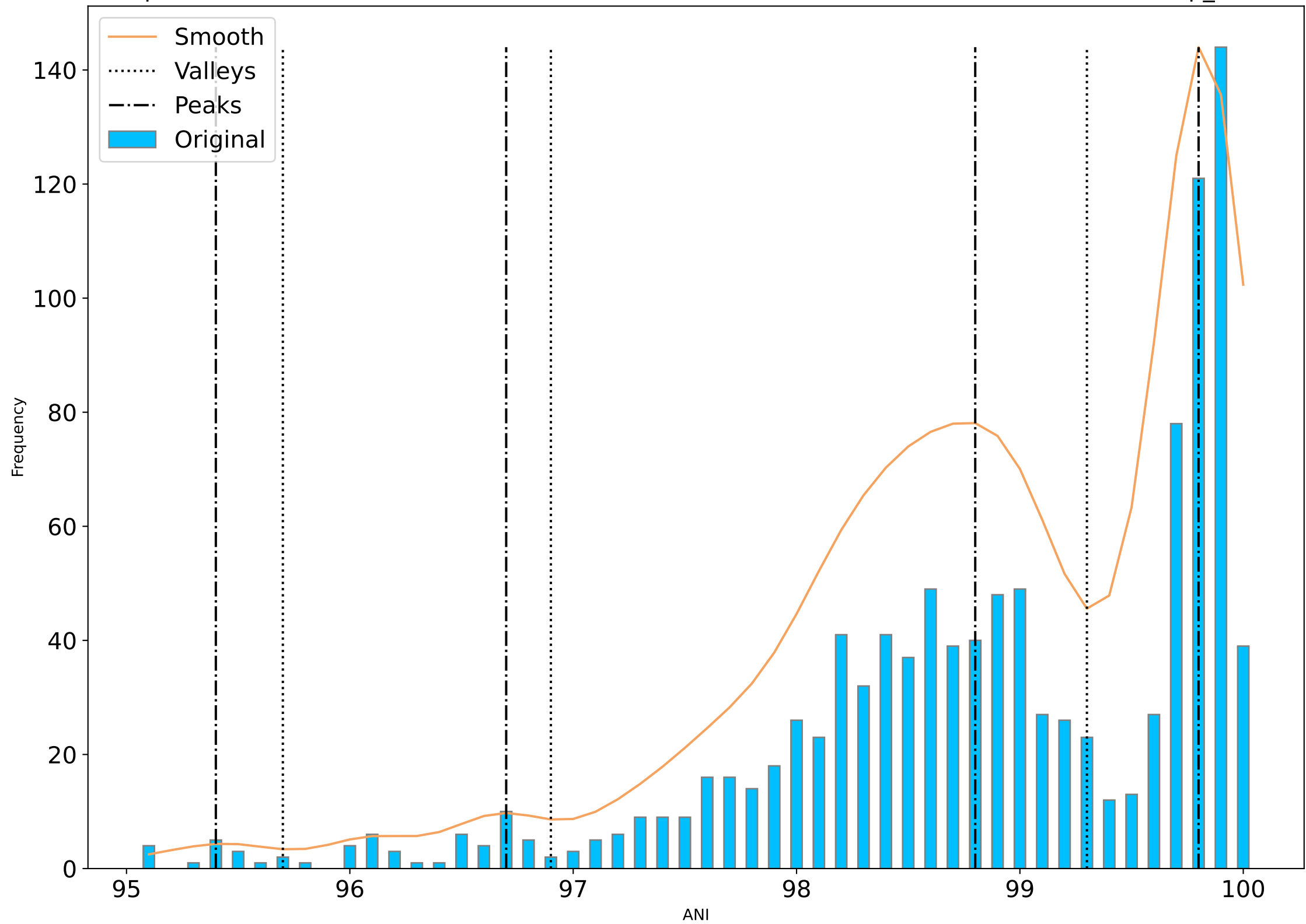


Species_183

Group 1

Norm_test 1.9911270987408735e-41

Dip_test 0.0

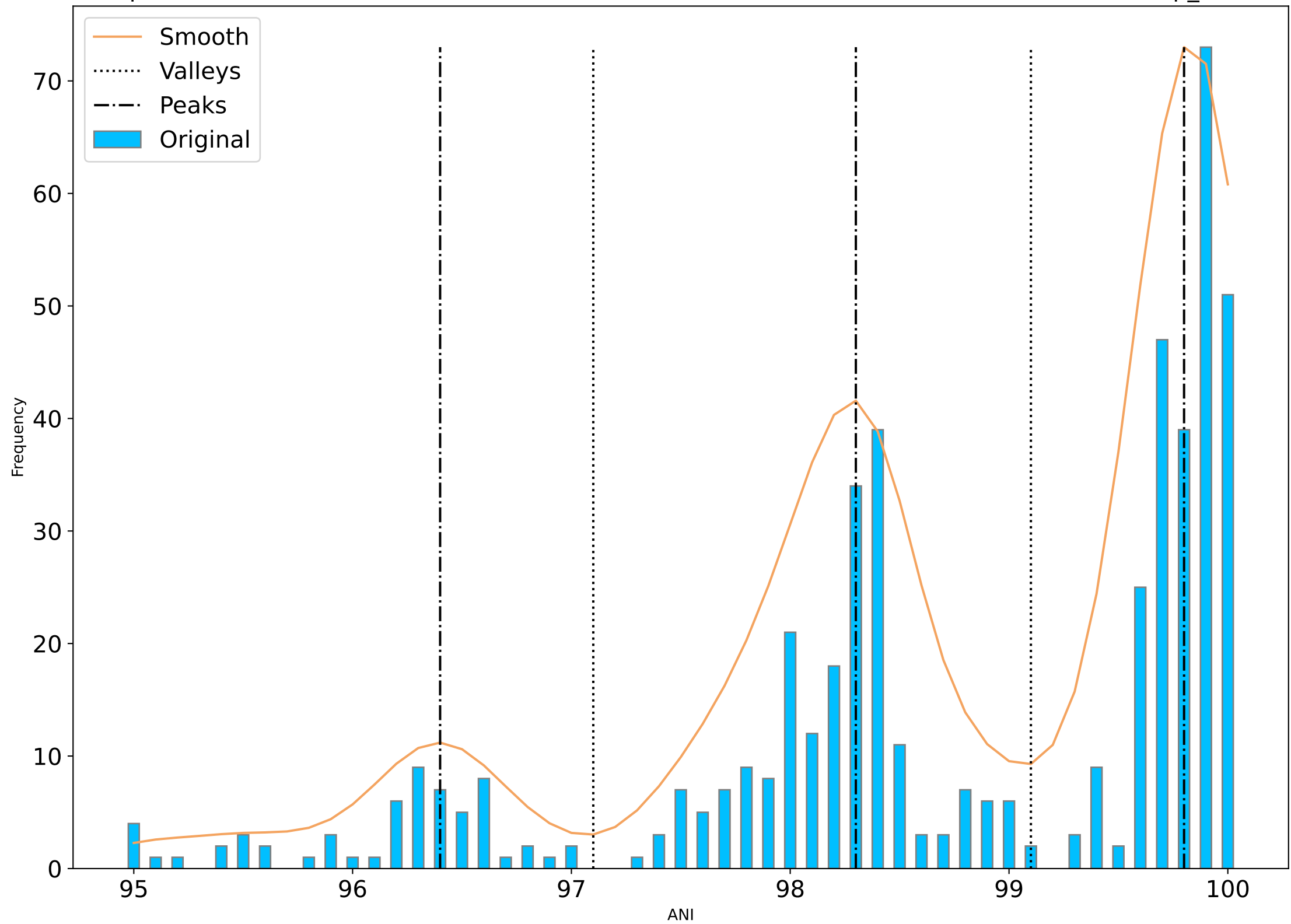


Species_184

Group 1

Norm_test 4.213369200805456e-14

Dip_test 0.0

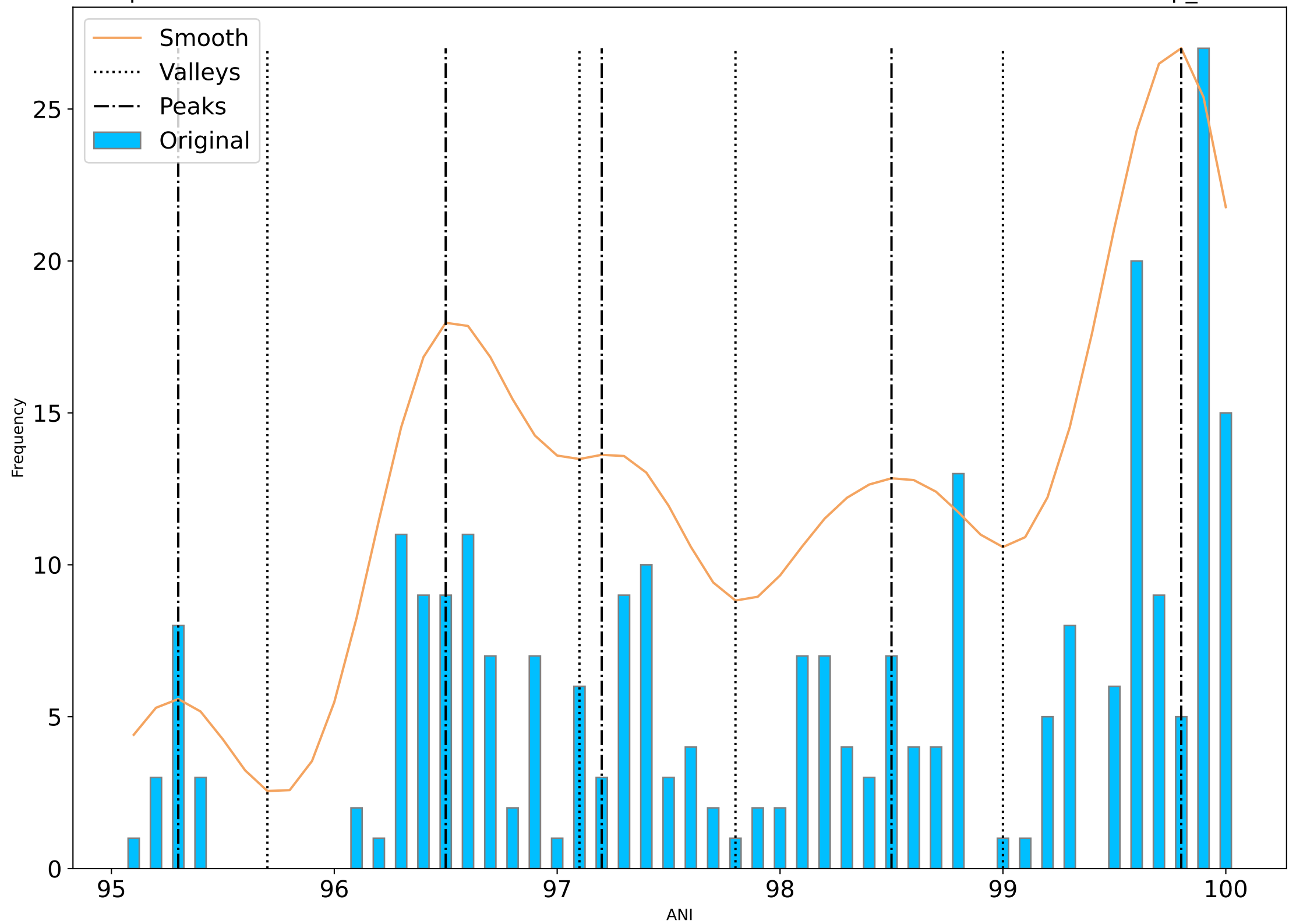


Species_185

Group 1

Norm_test 3.2389393050913316e-31

Dip_test 0.0

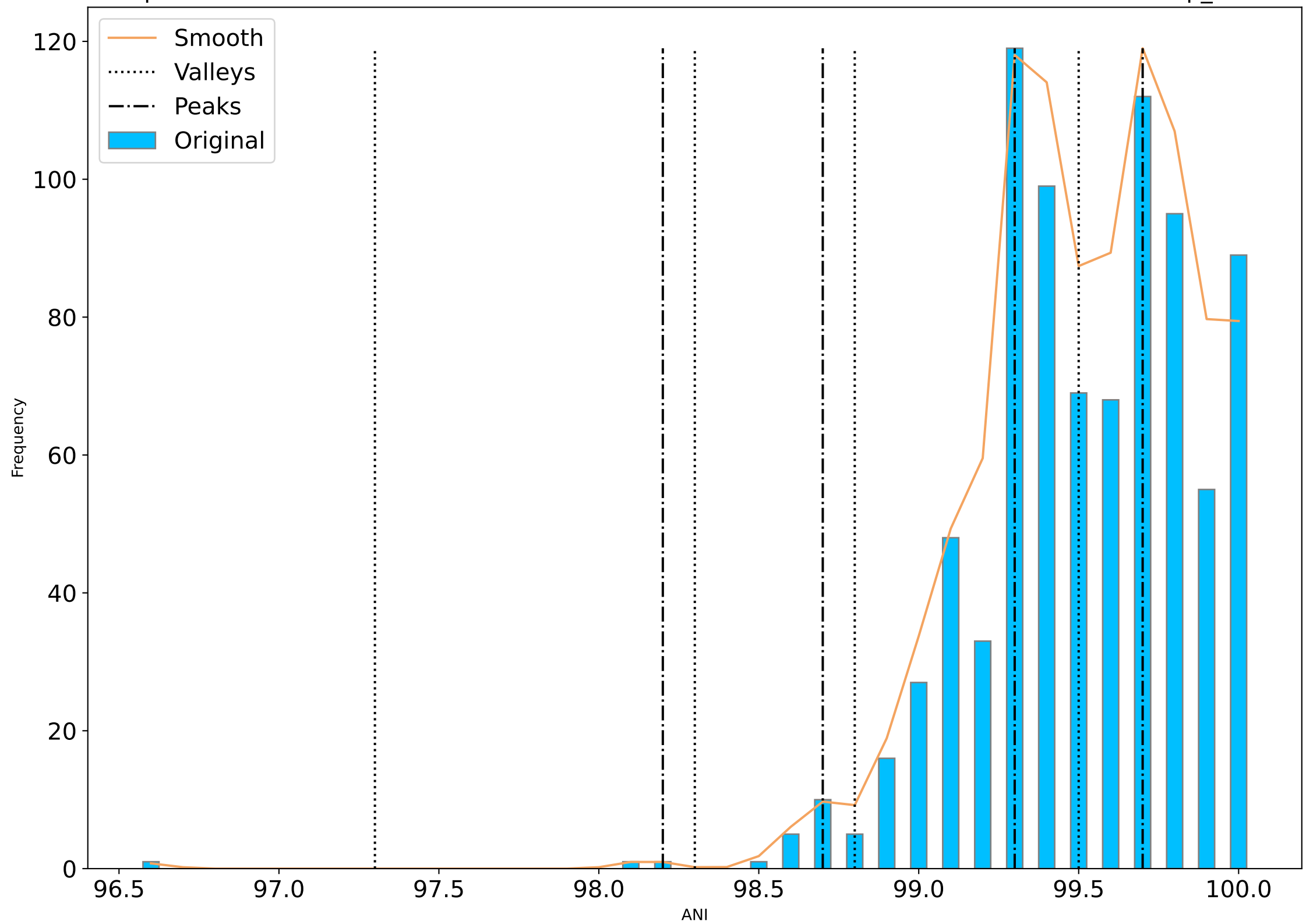


Species_186

Group 2

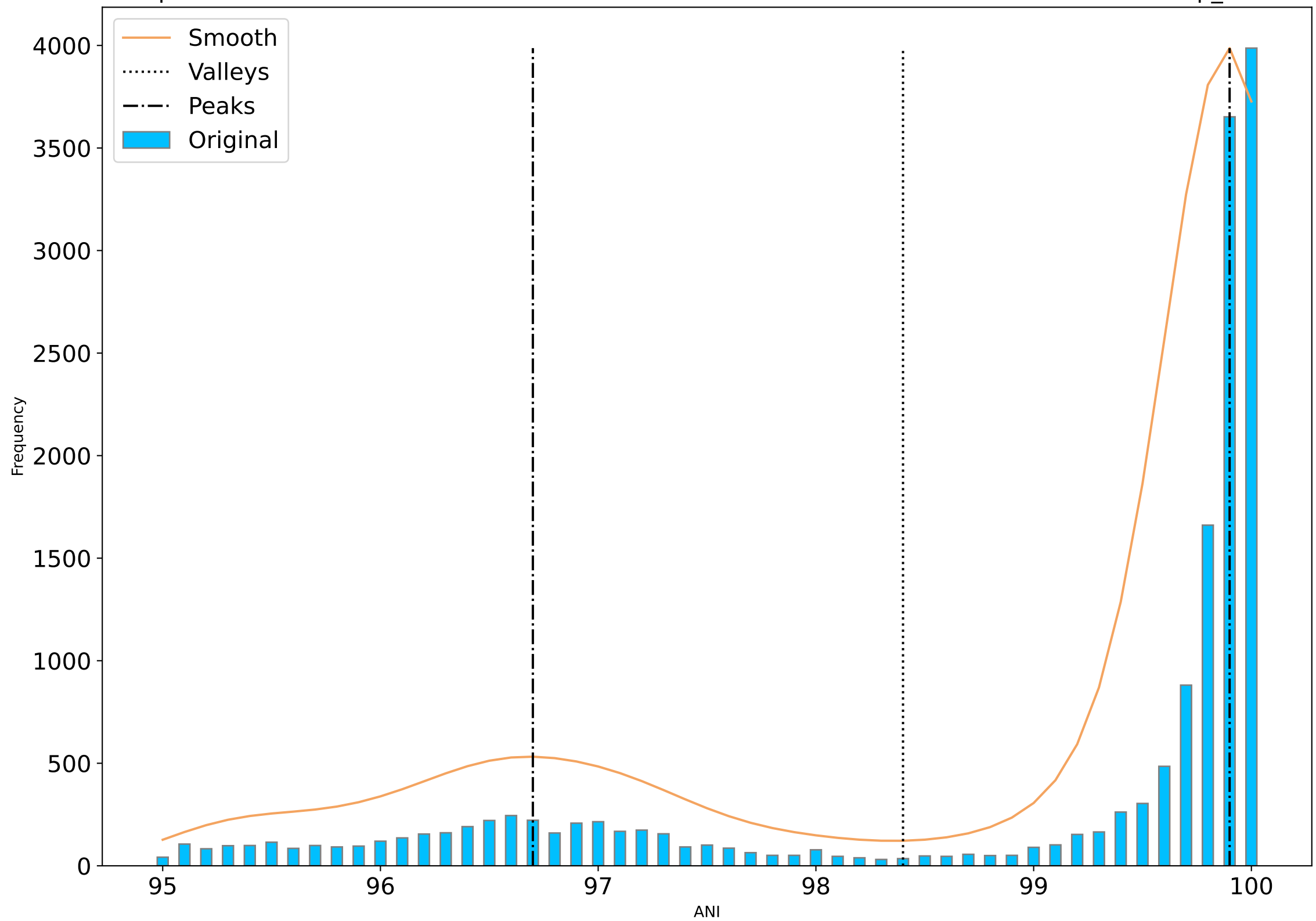
Norm_test 3.4183175252552256e-57

Dip_test 0.0



Species_188
Group 3

Norm_test 0.0
Dip_test 0.0

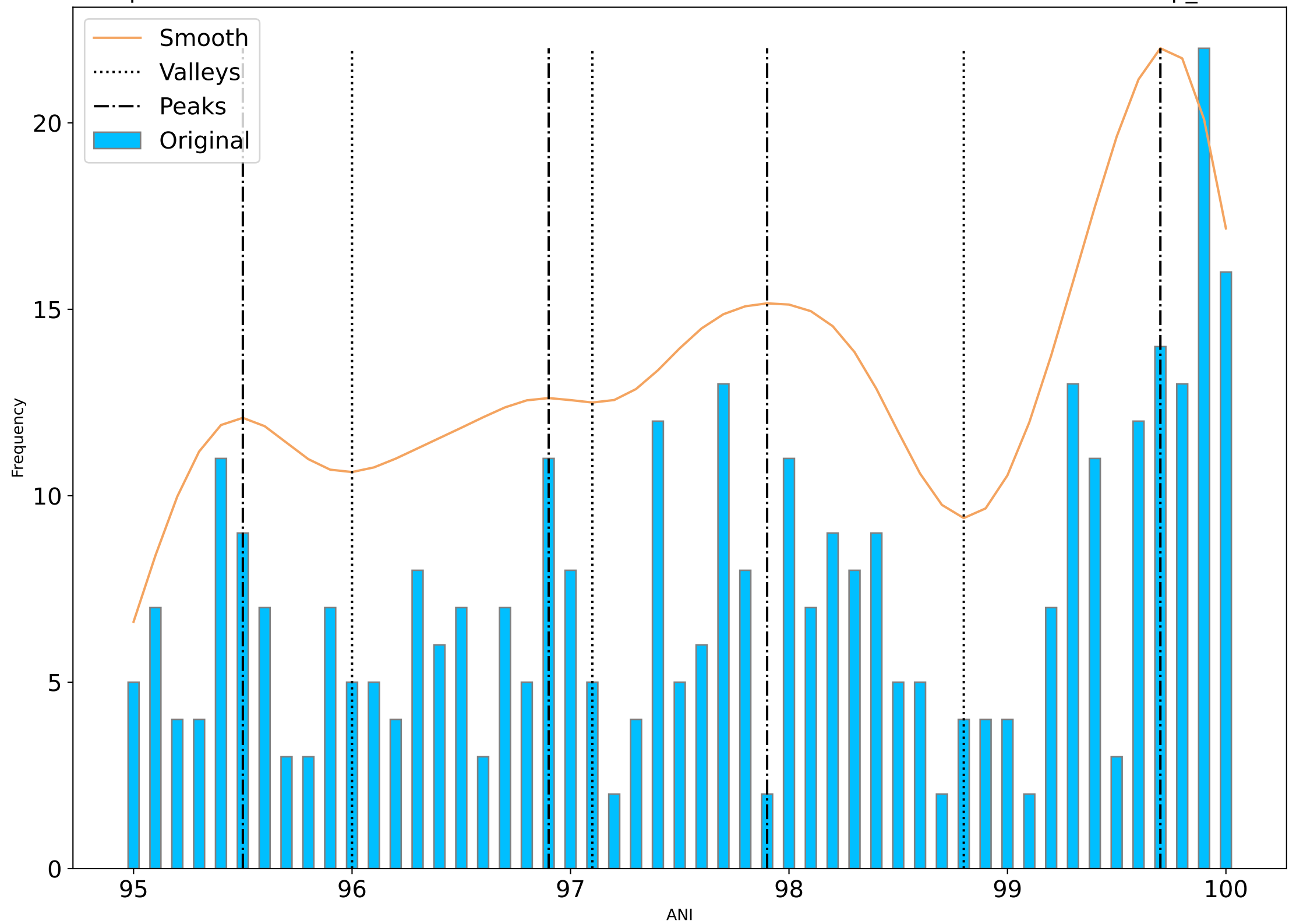


Species_190

Group 1

Norm_test 6.944188664131323e-63

Dip_test 0.0

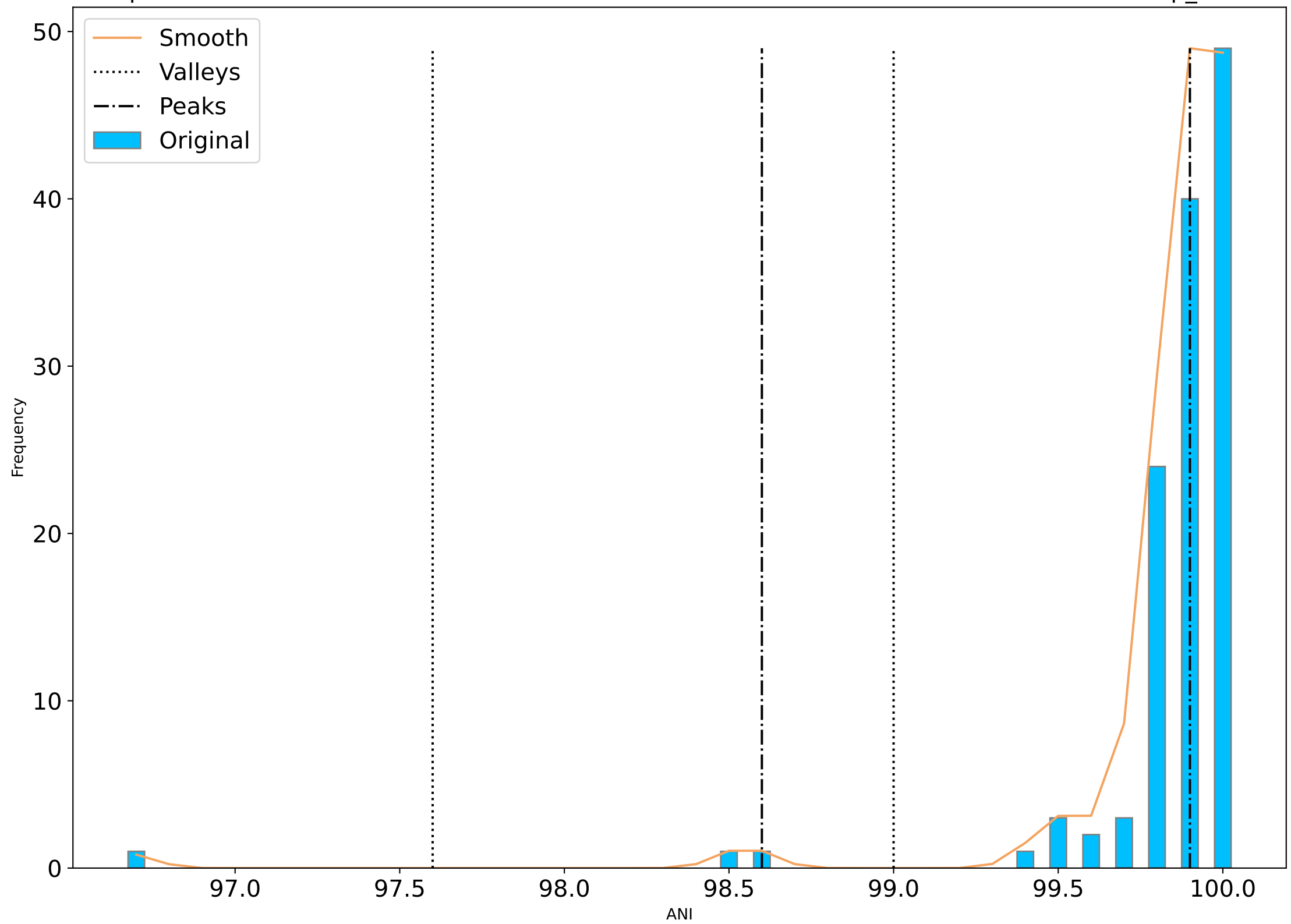


Species_191

Group 2

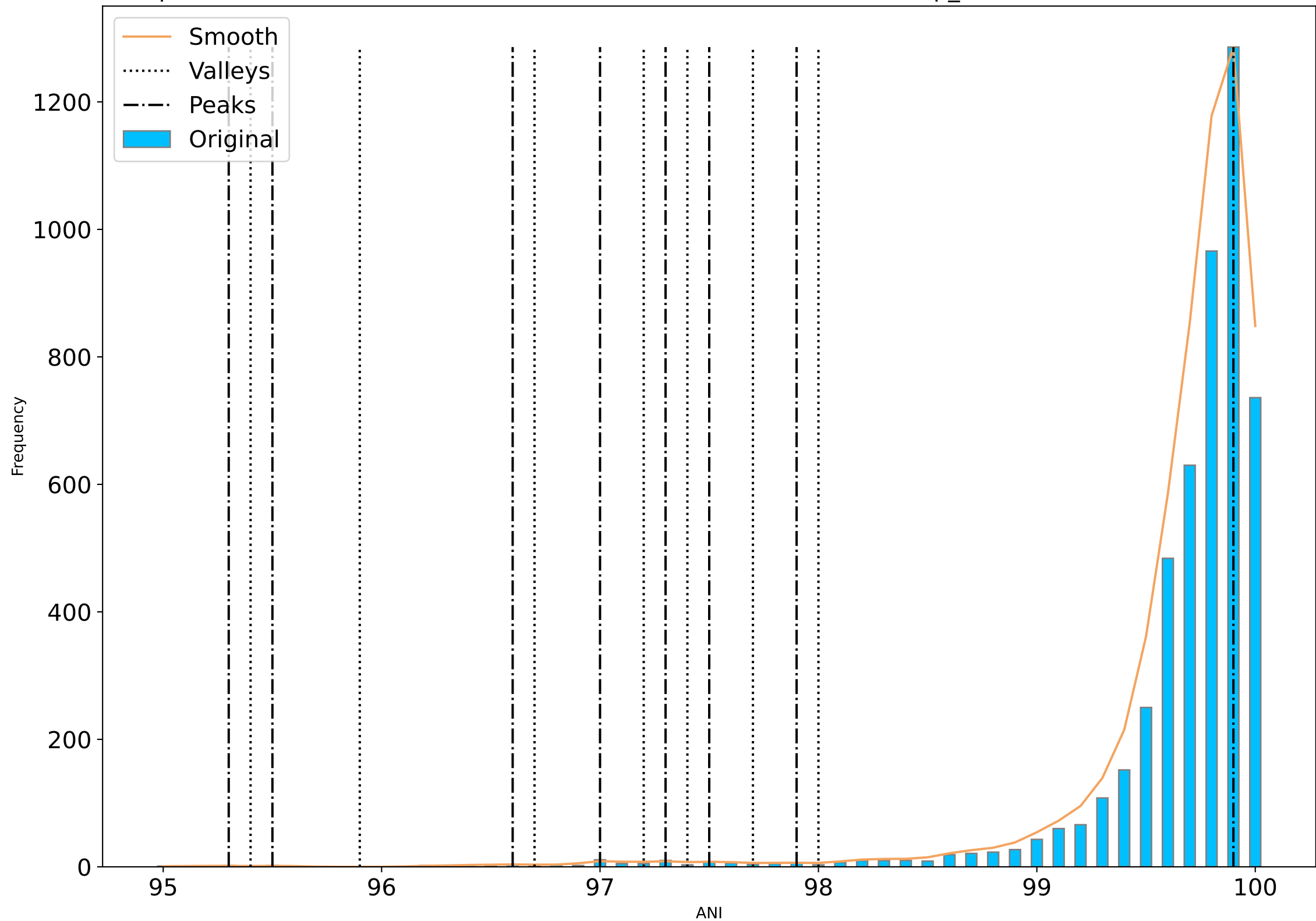
Norm_test 1.6488034048787434e-44

Dip_test 0.0



Species_192
Group 2

Norm_test 0.0
Dip_test 0.0013322924576717465

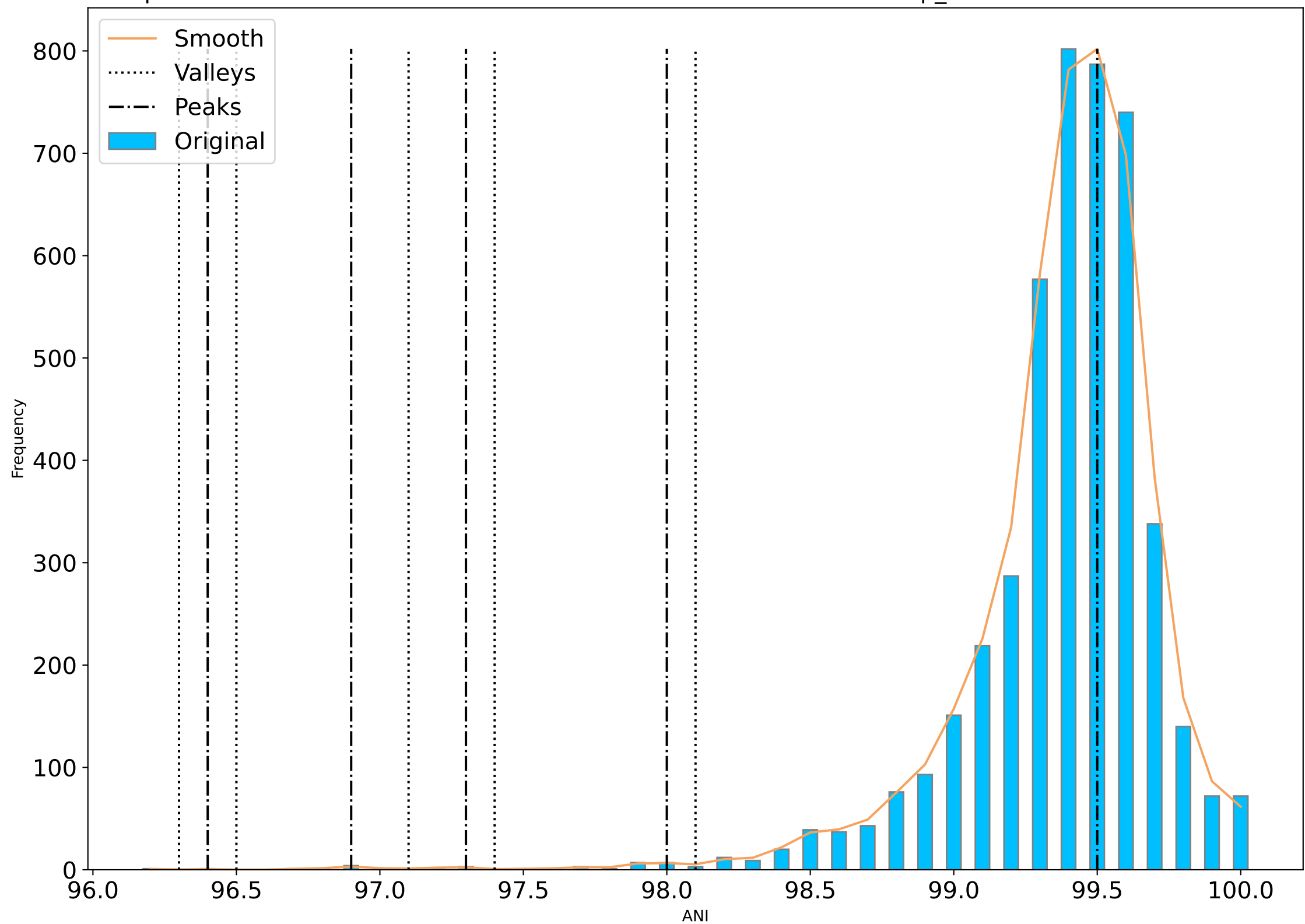


Species_194

Group 4

Norm_test 0.0

Dip_test 0.0063582057893377675

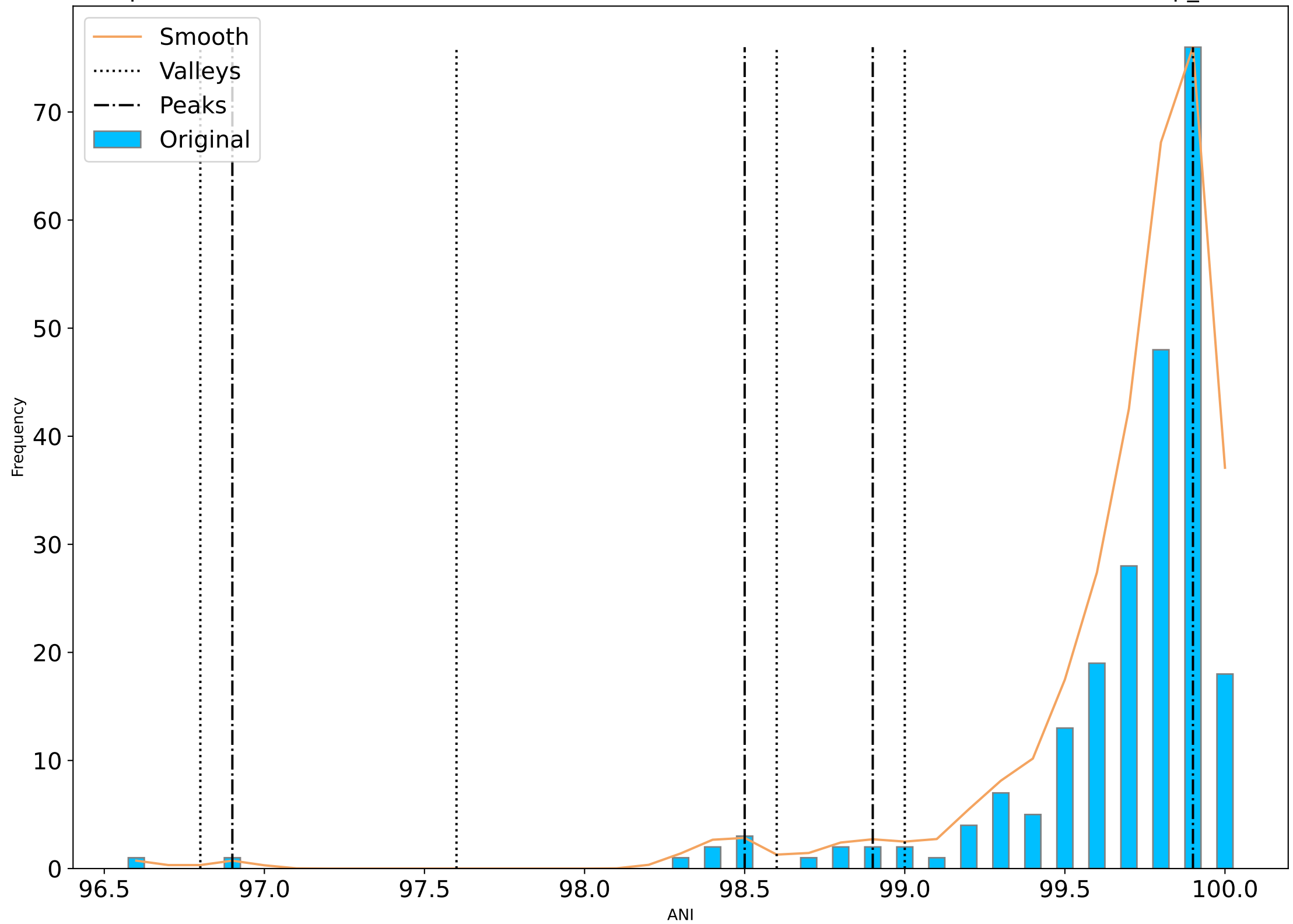


Species_195

Group 2

Norm_test 5.91011413164674e-50

Dip_test 0.0

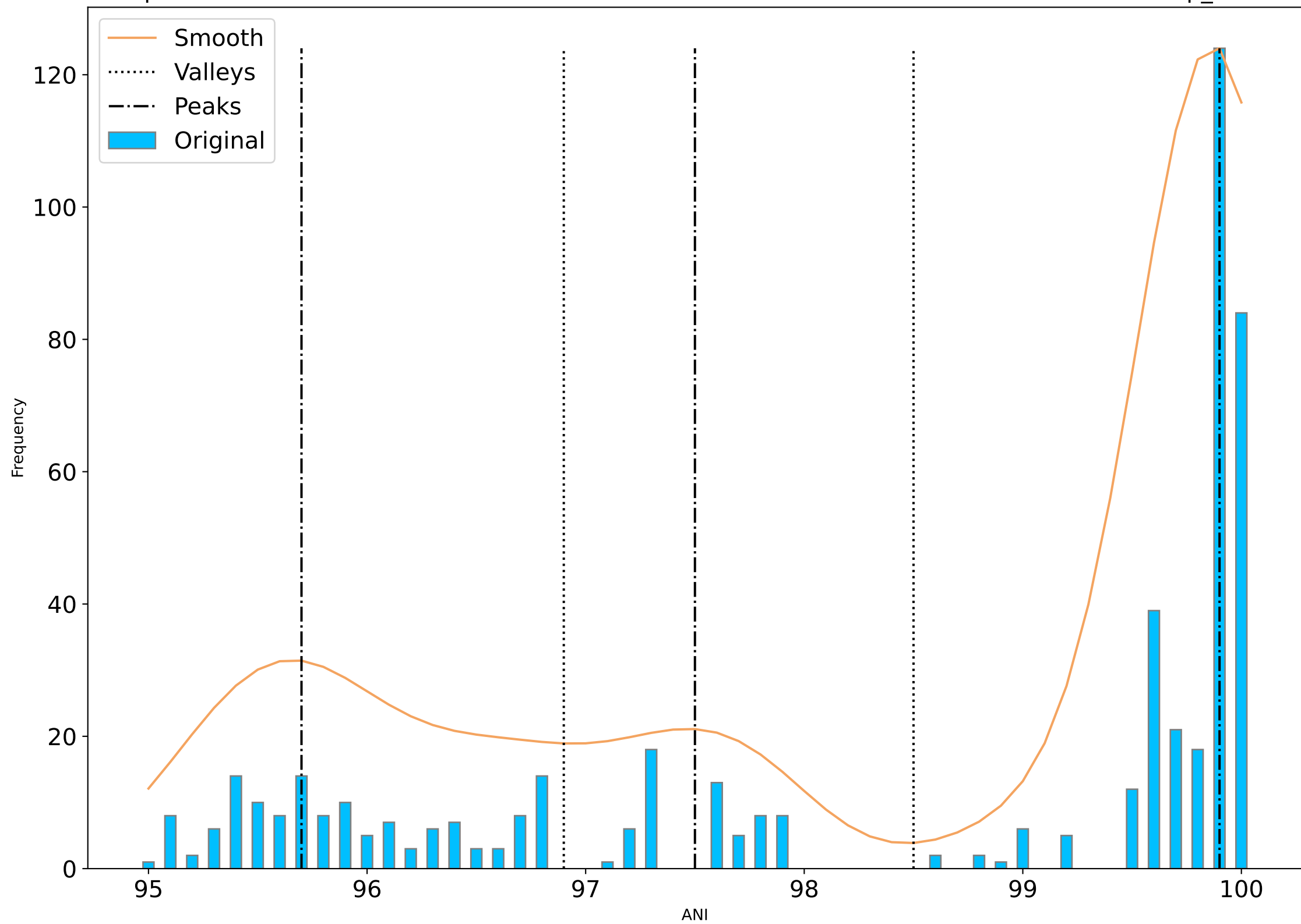


Species_196

Group 3

Norm_test 1.3391135325411444e-73

Dip_test 0.0

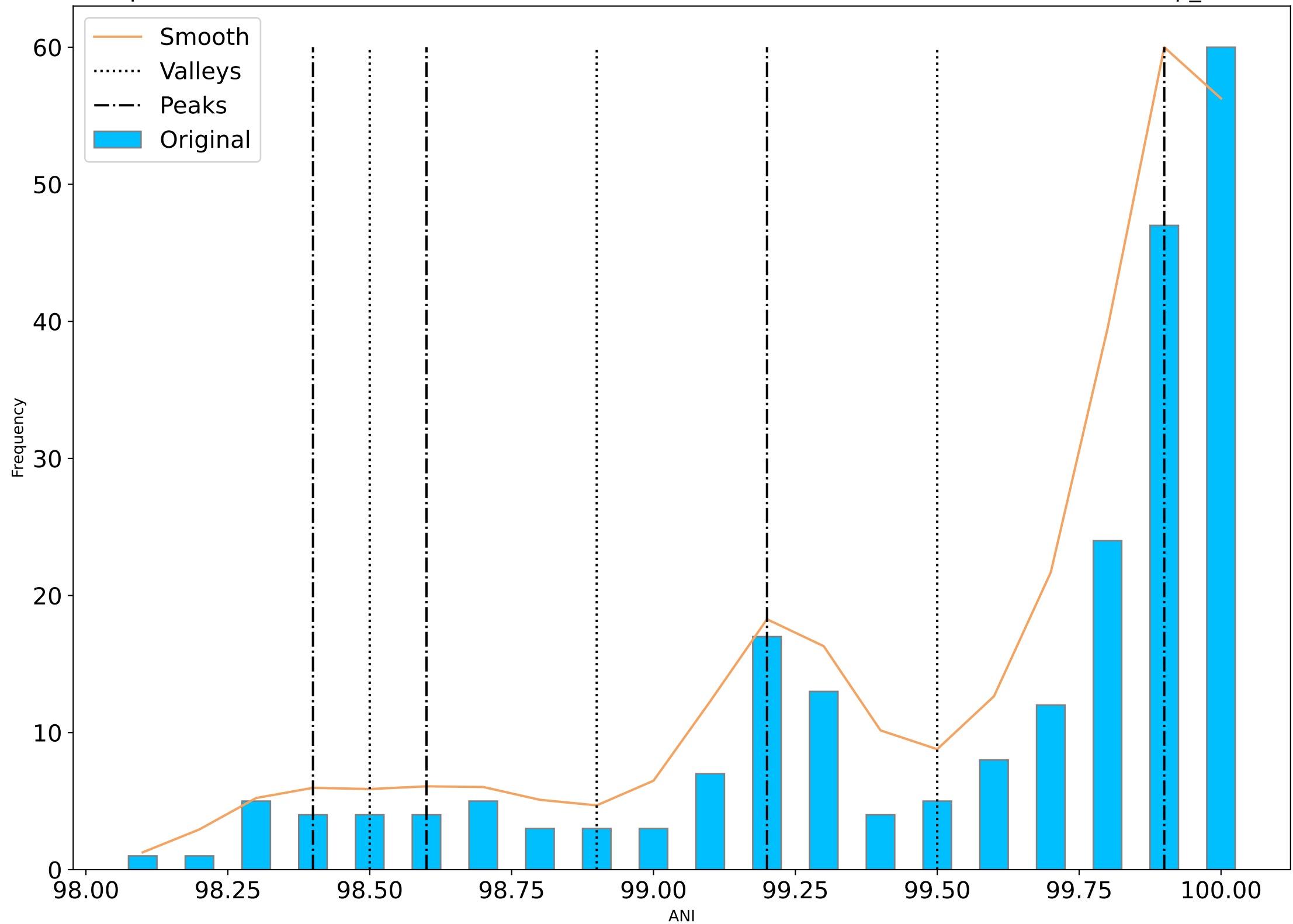


Species_197

Group 2

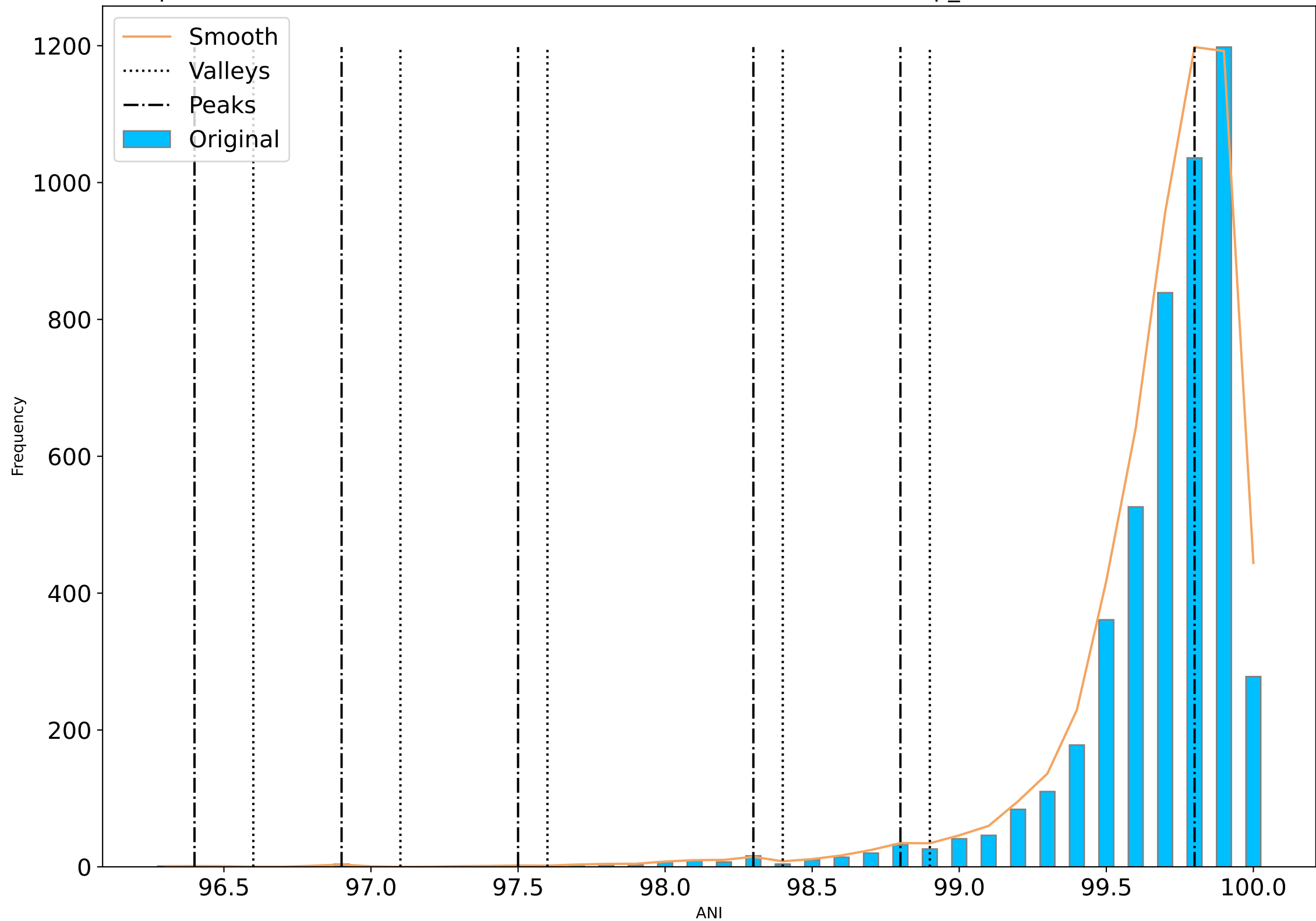
Norm_test 7.048115114527743e-10

Dip_test 0.0



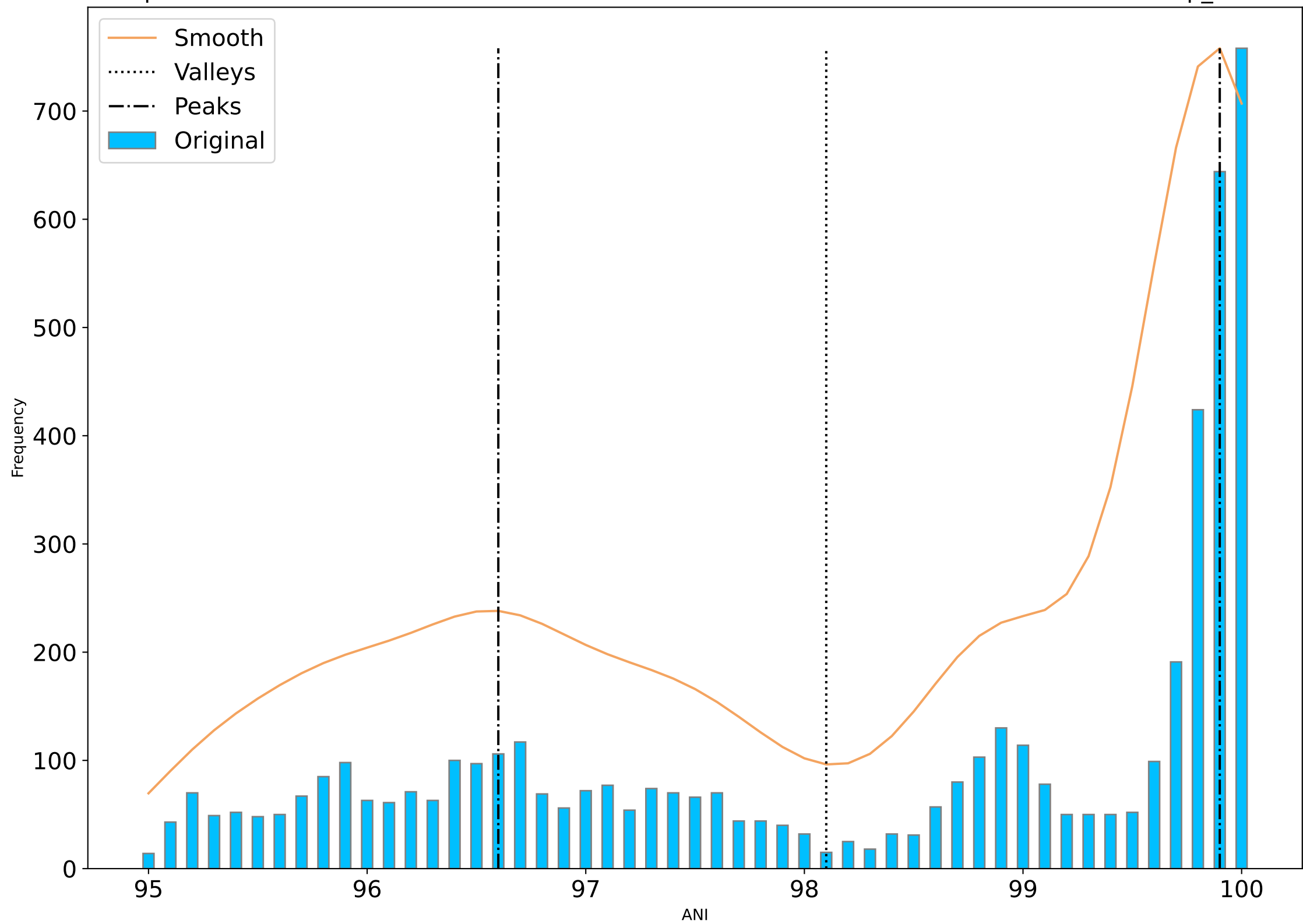
Species_198
Group 2

Norm_test 0.0
Dip_test 0.0008255740865064087



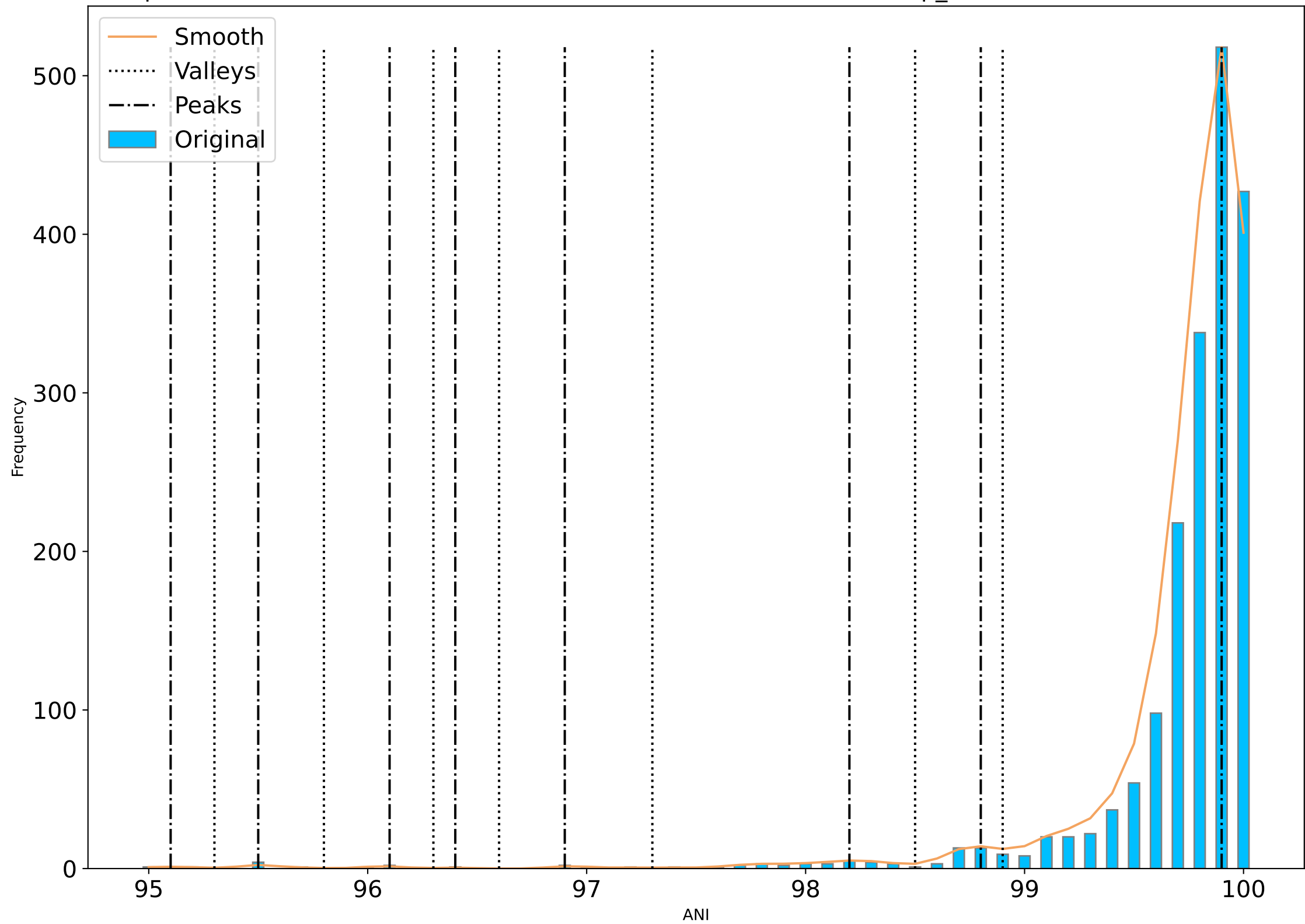
Species_200
Group 3

Norm_test 0.0
Dip_test 0.0



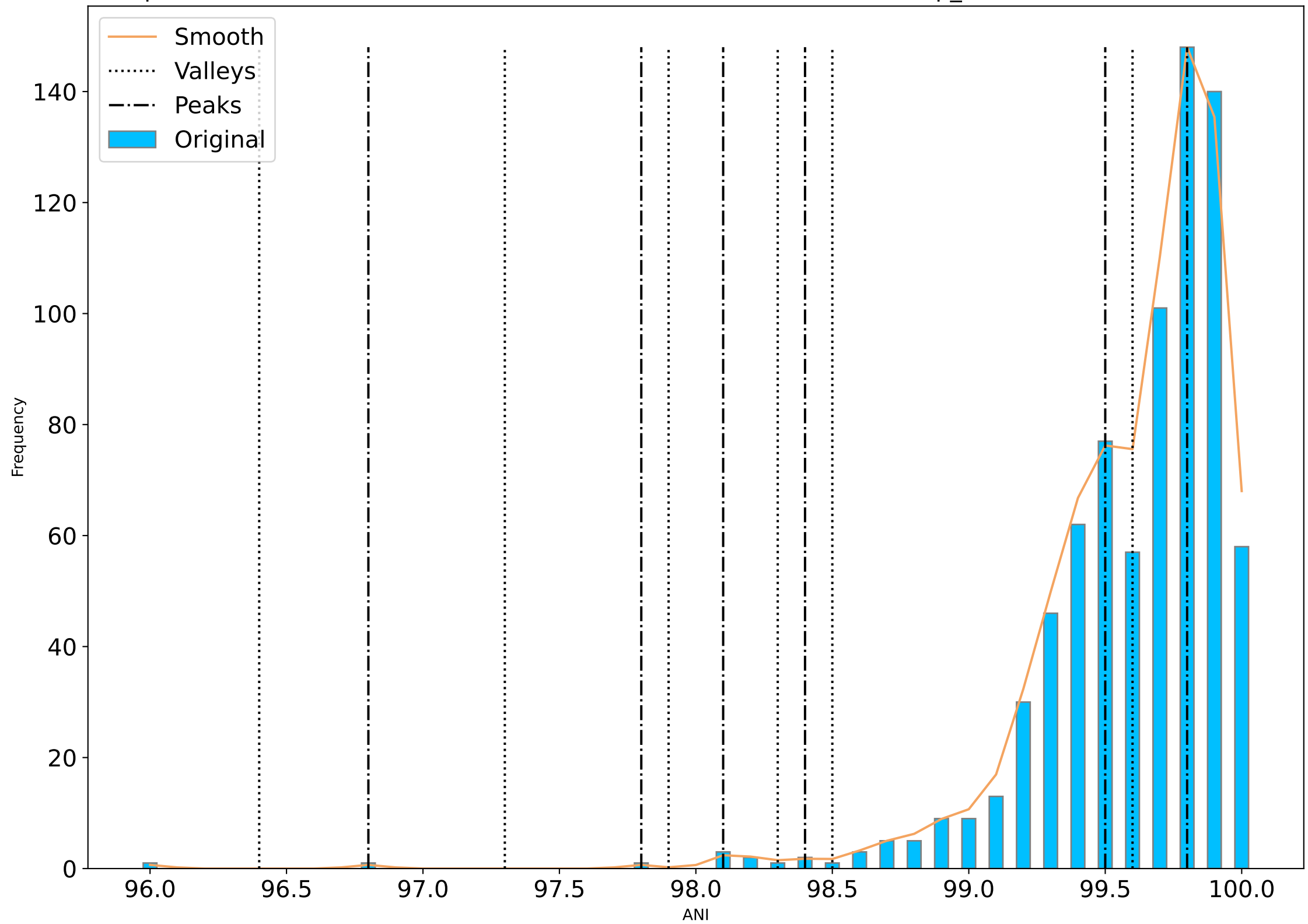
Species_201
Group 2

Norm_test 0.0
Dip_test 0.0004462609468005585



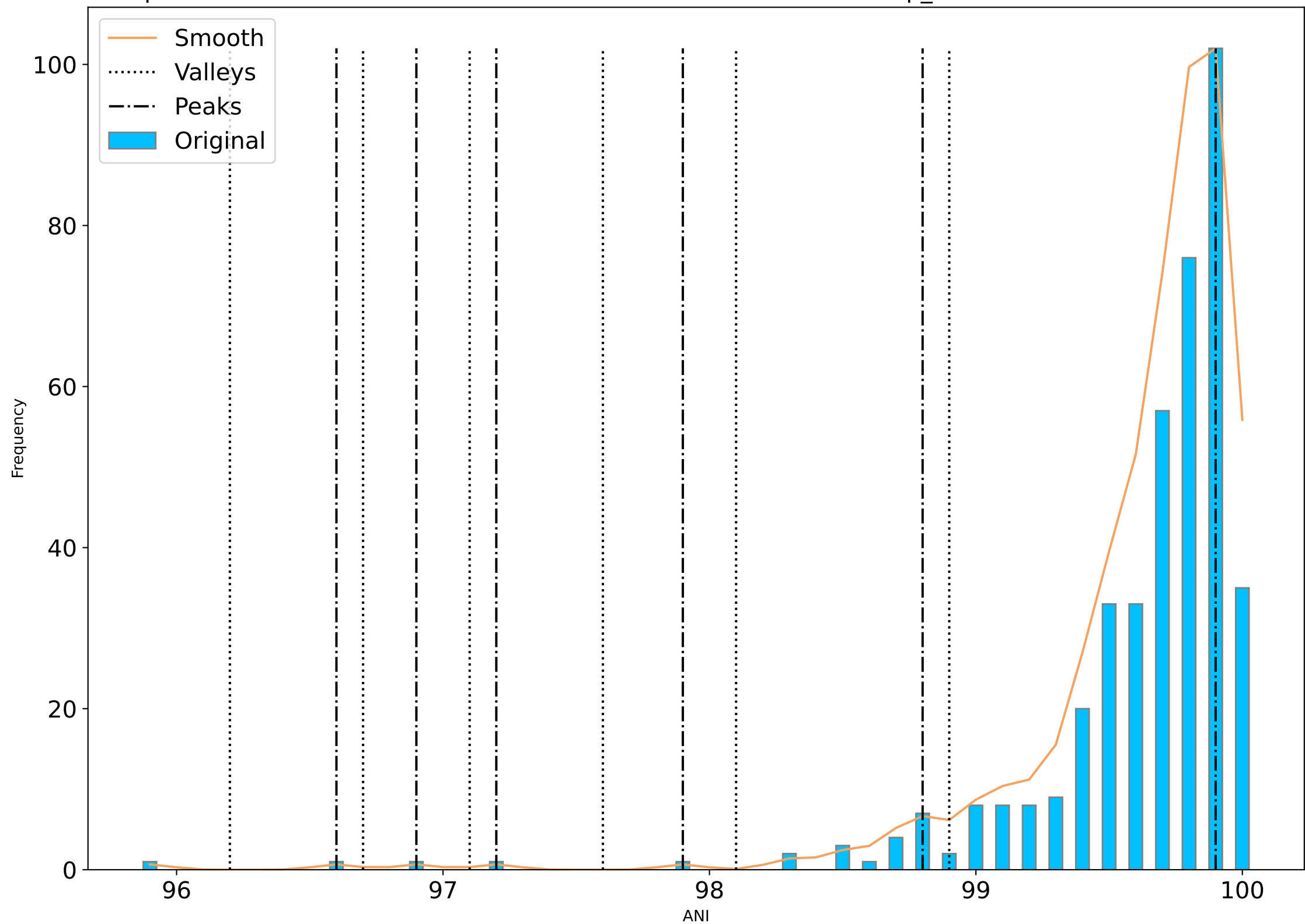
Species_202
Group 2

Norm_test 2.844988077478388e-123
Dip_test 0.004599733990021115



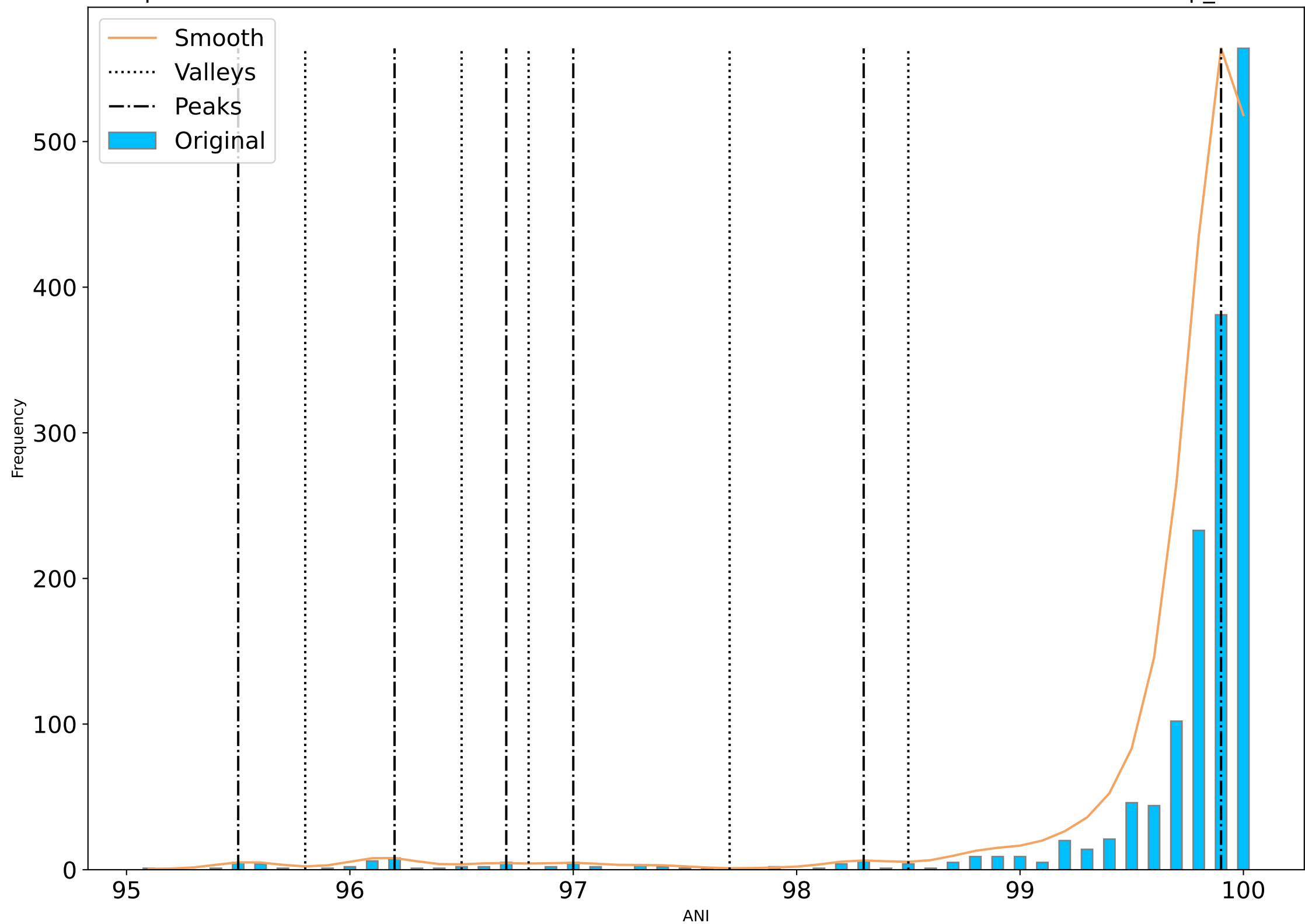
Species_203
Group 2

Norm_test 2.306760055979677e-81
Dip_test 0.00011807481599424019



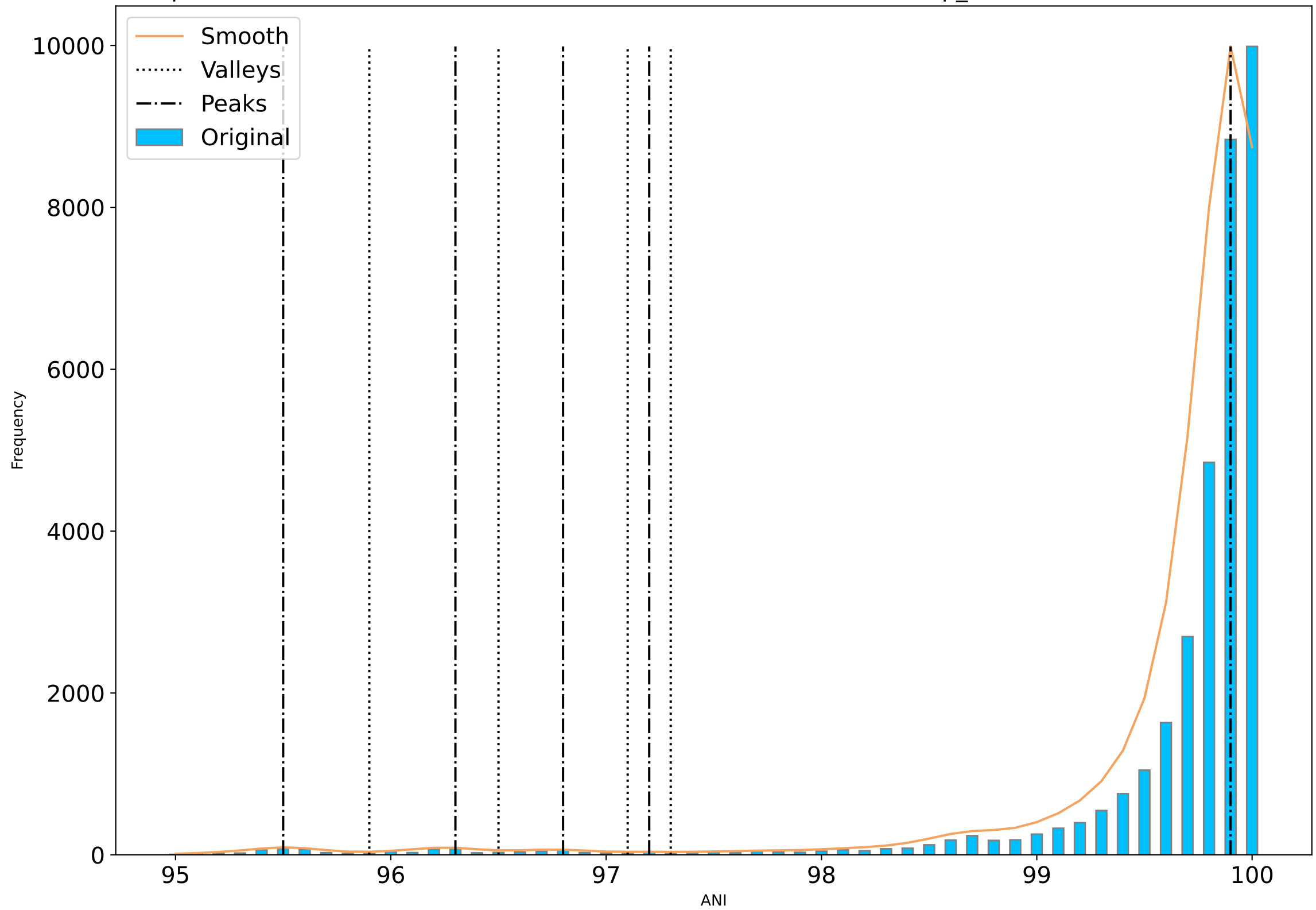
Species_204
Group 2

Norm_test 7.608798227834445e-288
Dip_test 0.0



Species_205
Group 2

Norm_test 0.0
Dip_test 6.626372839435568e-06

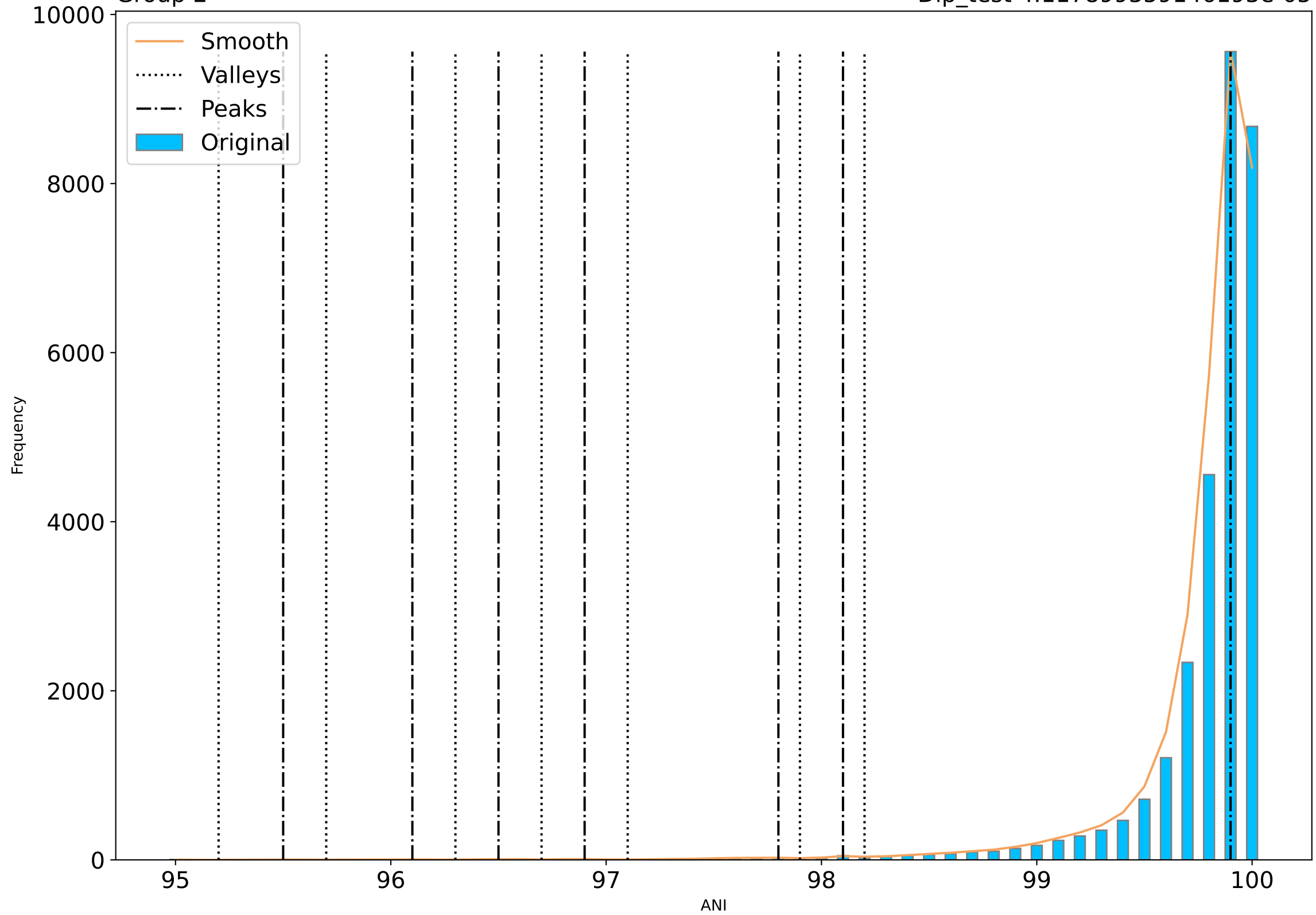


Species_207

Norm_test 0.0

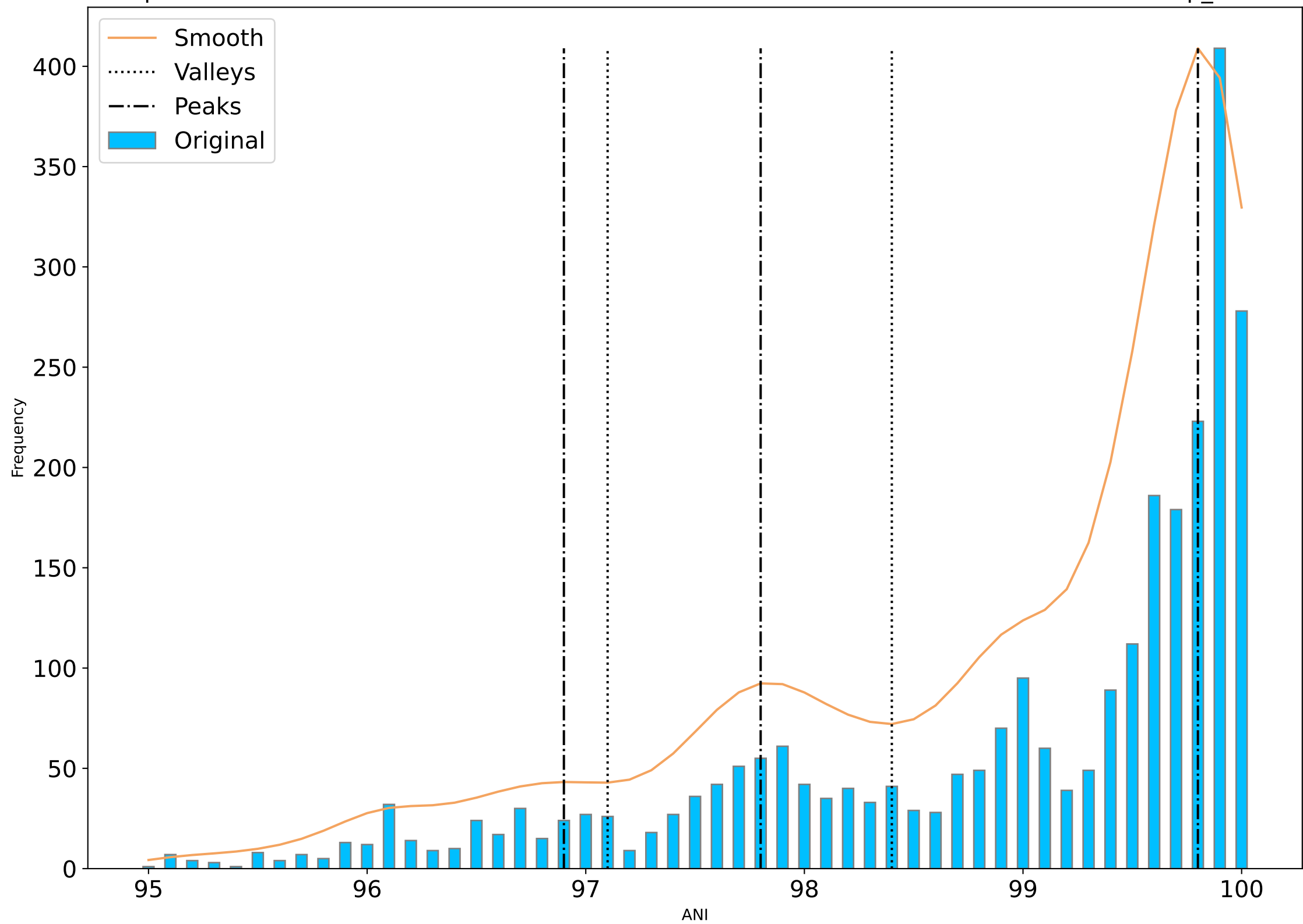
Group 2

Dip_test 4.117899359146193e-05



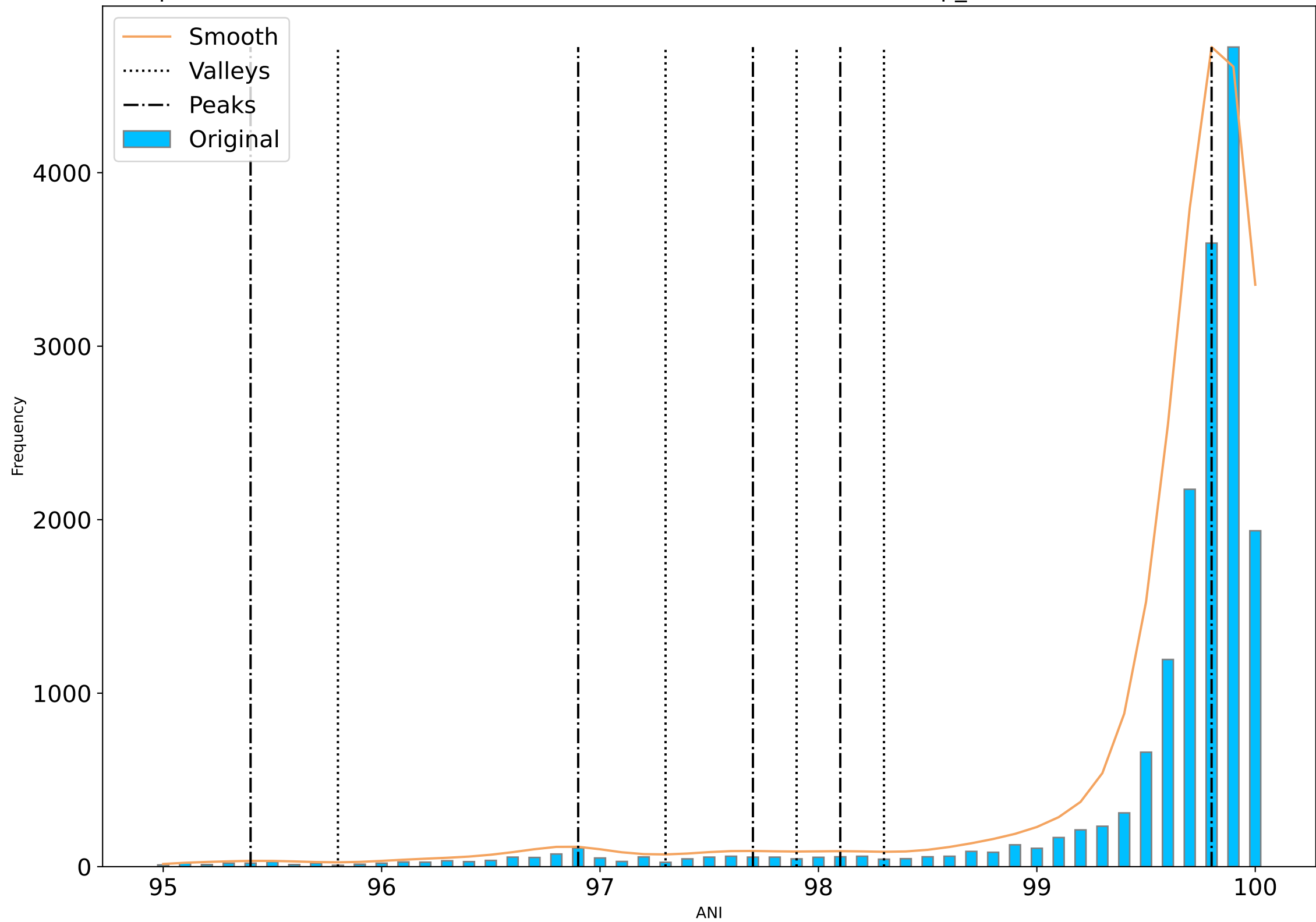
Species_209
Group 3

Norm_test 3.0623081739802117e-94
Dip_test 0.0



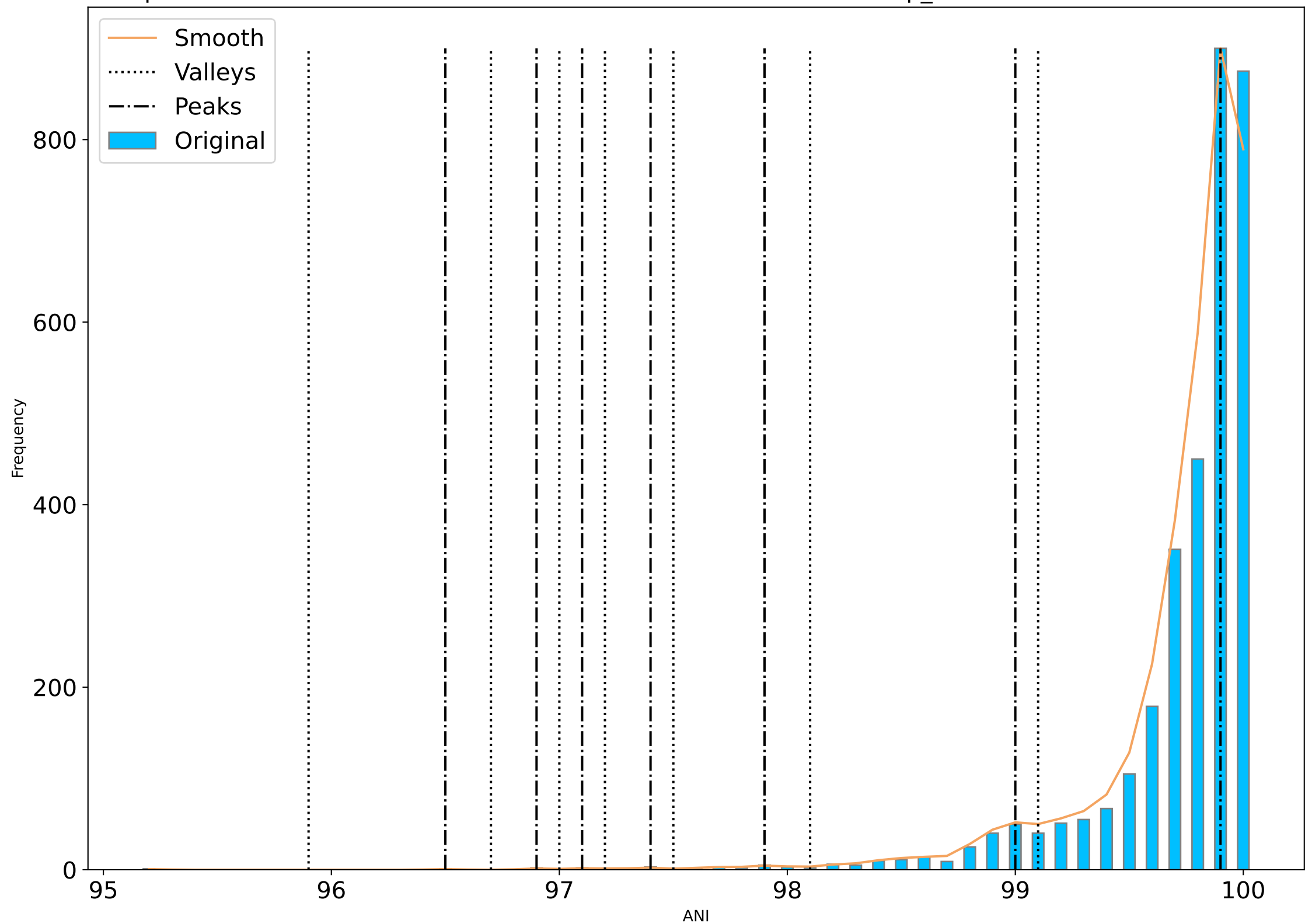
Species_210
Group 2

Norm_test 0.0
Dip_test 1.195736452852536e-06



Species_211
Group 2

Norm_test 0.0
Dip_test 0.00019506313564687794

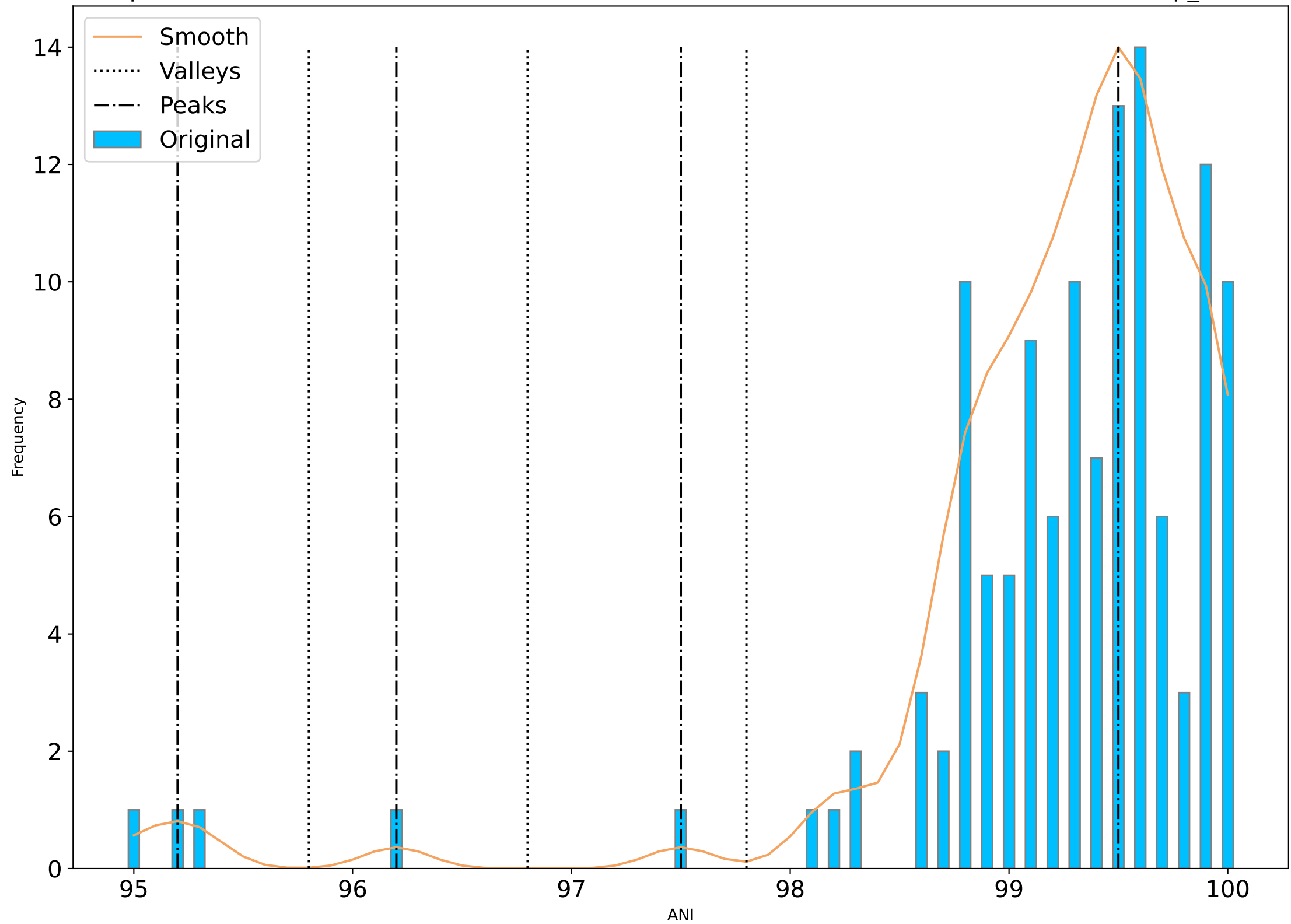


Species_212

Group 4

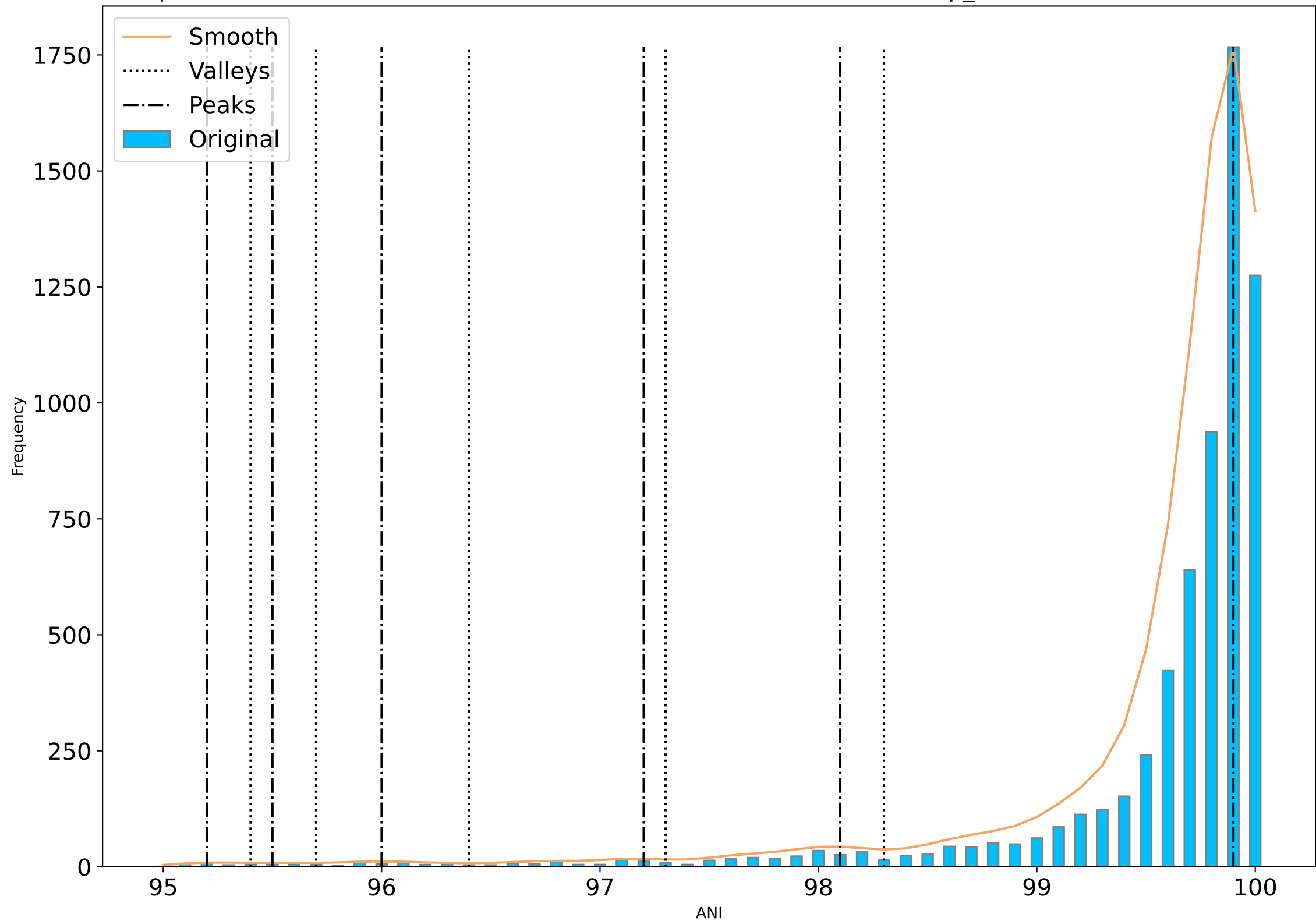
Norm_test 1.753279504992201e-24

Dip_test 0.0



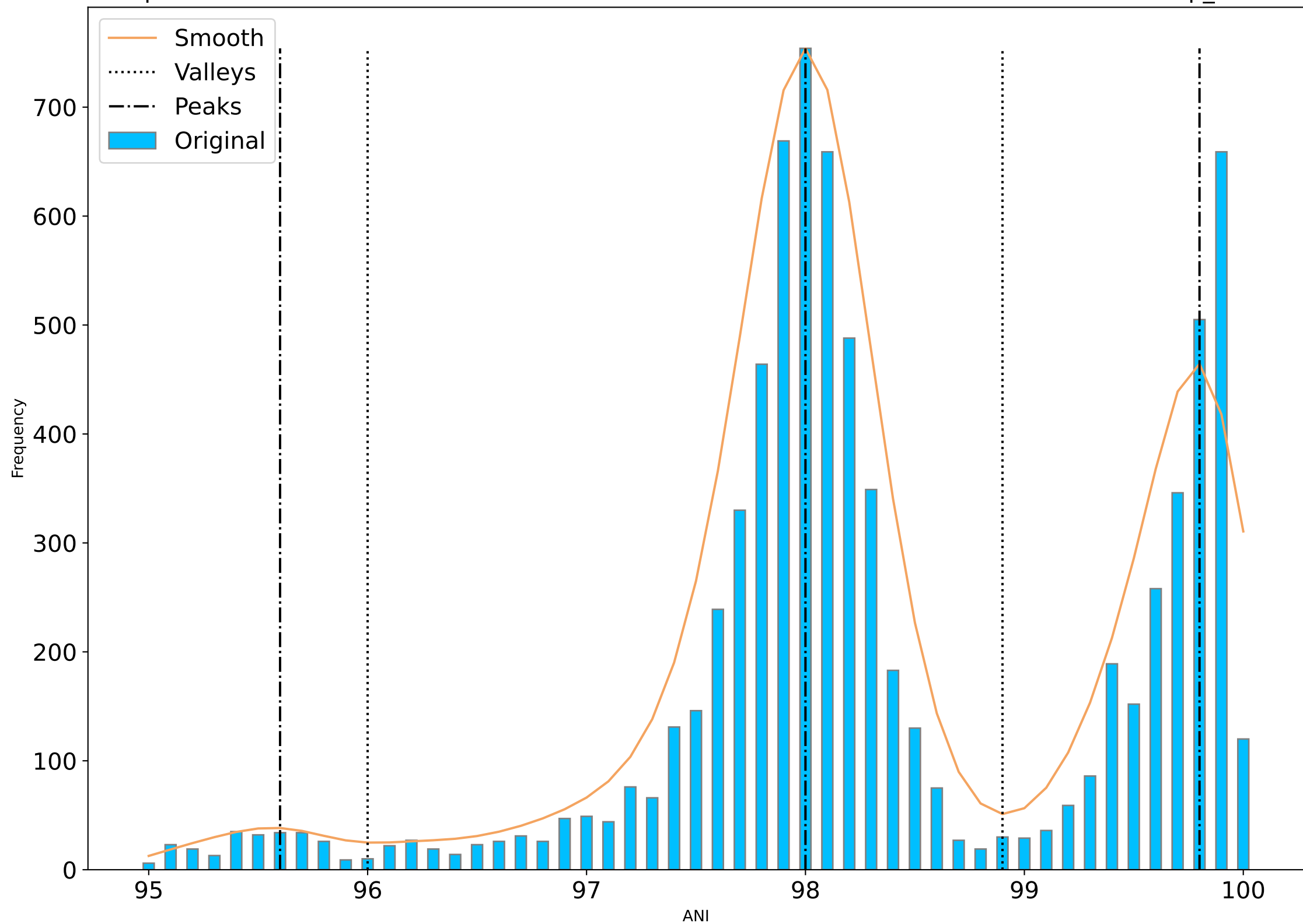
Species_213
Group 2

Norm_test 0.0
Dip_test 0.003604077239865777



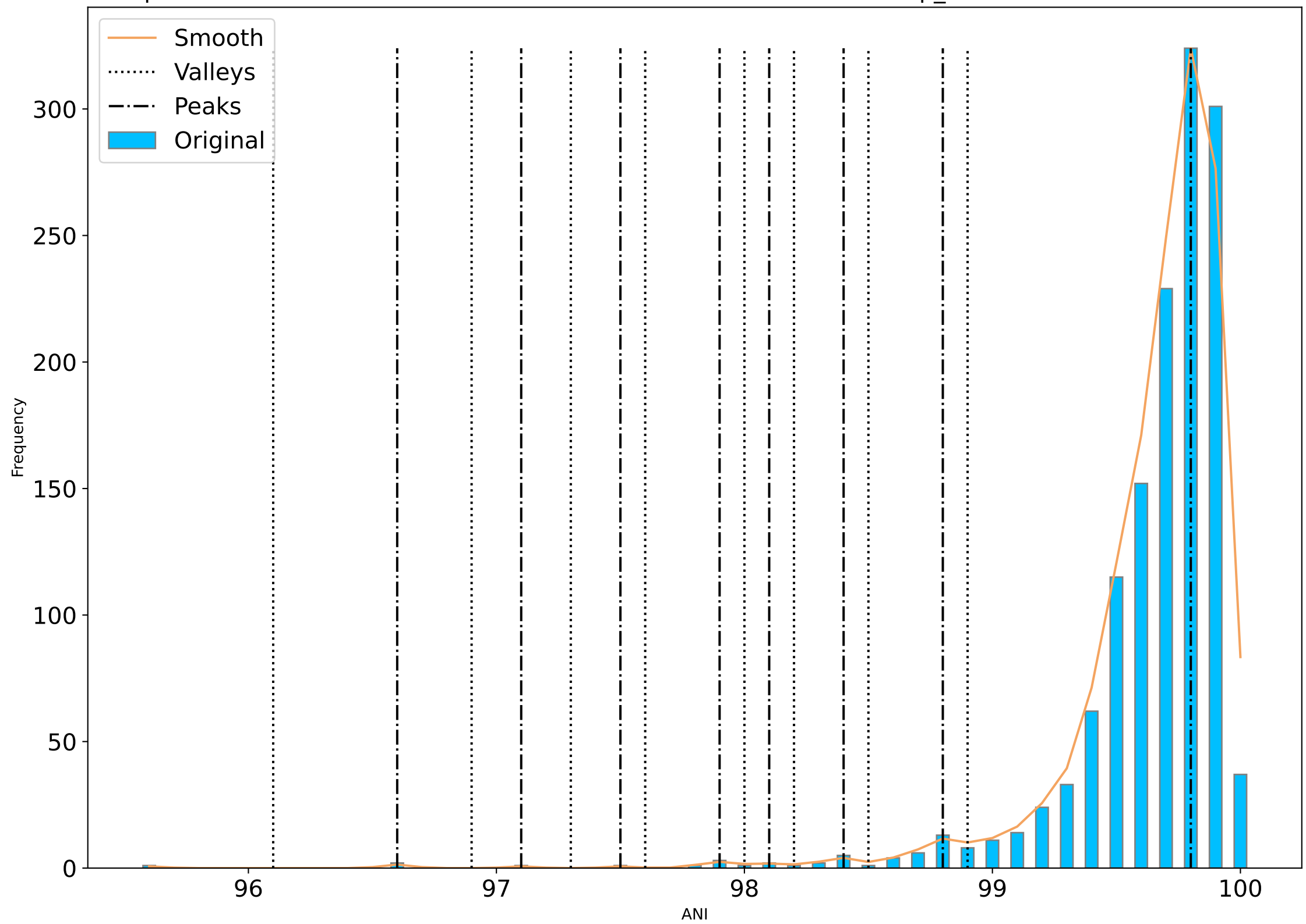
Species_214
Group 1

Norm_test 4.0544725271039935e-24
Dip_test 0.0



Species_216
Group 2

Norm_test 1.3852993402515862e-271
Dip_test 0.0007749456752244033

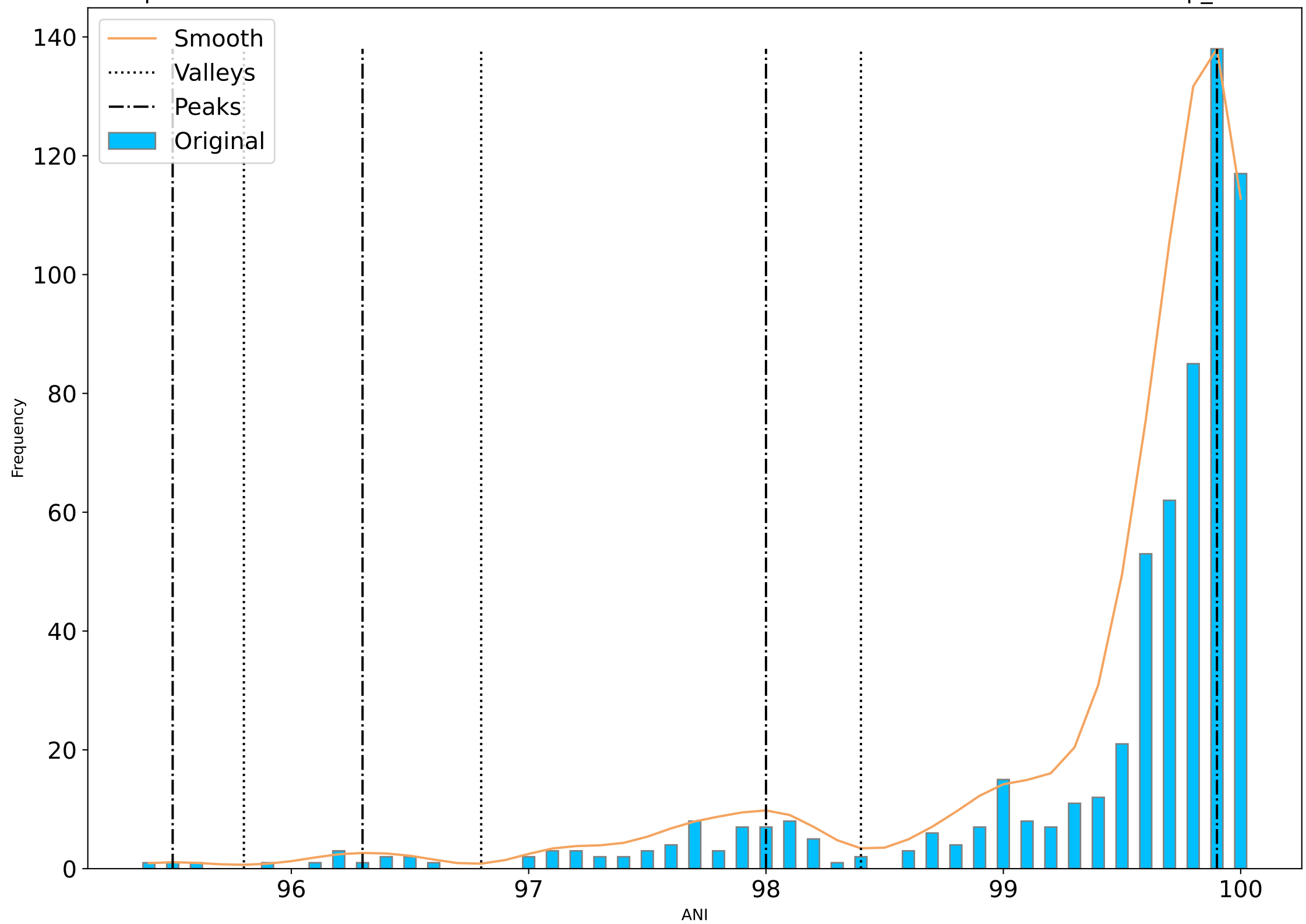


Species_218

Group 3

Norm_test 3.9753224113807785e-69

Dip_test 0.0

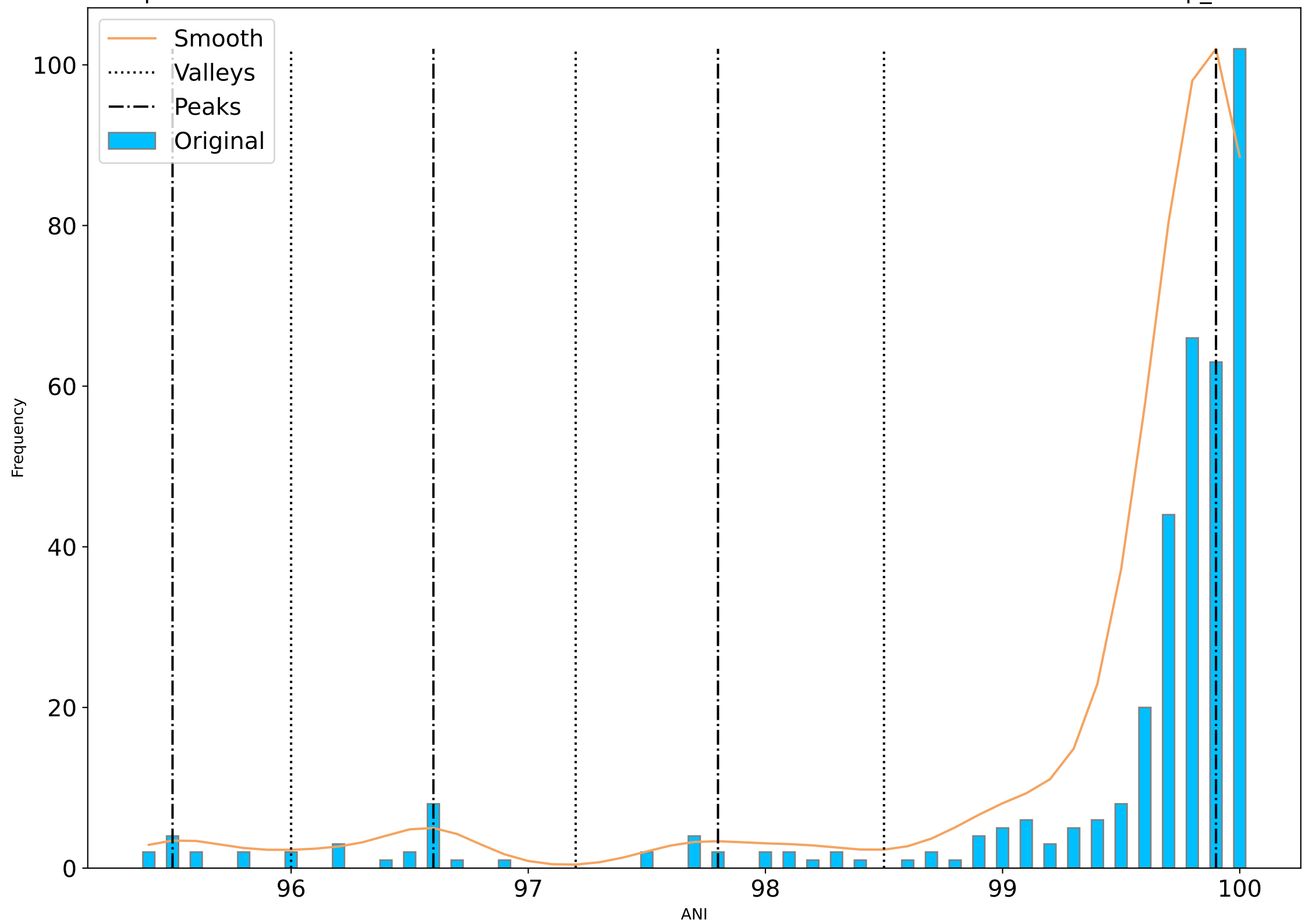


Species_219

Group 3

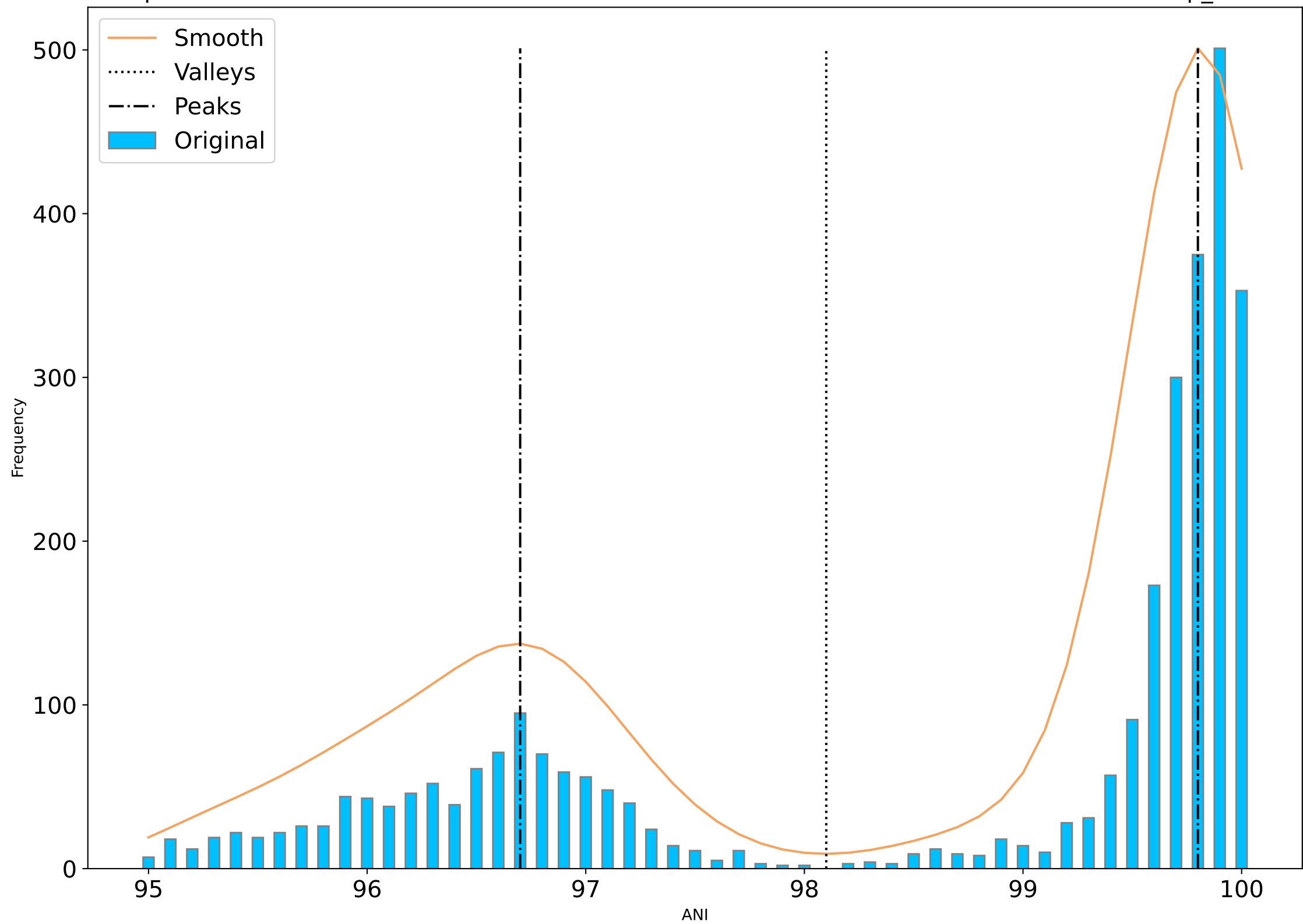
Norm_test 1.5216181461561574e-46

Dip_test 0.0



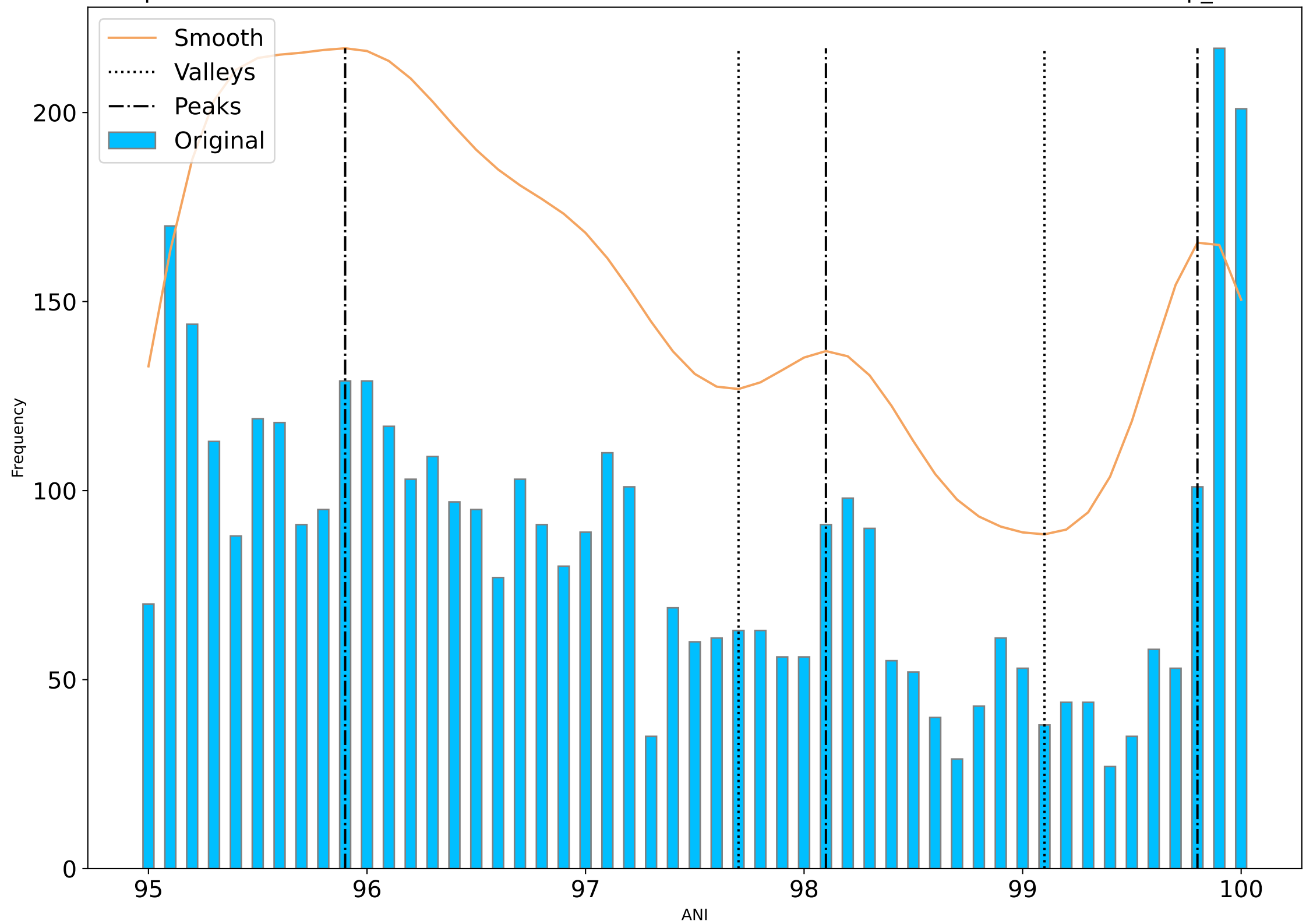
Species_220
Group 3

Norm_test 2.0053323059873363e-282
Dip_test 0.0



Species_221
Group 1

Norm_test 0.0
Dip_test 0.0

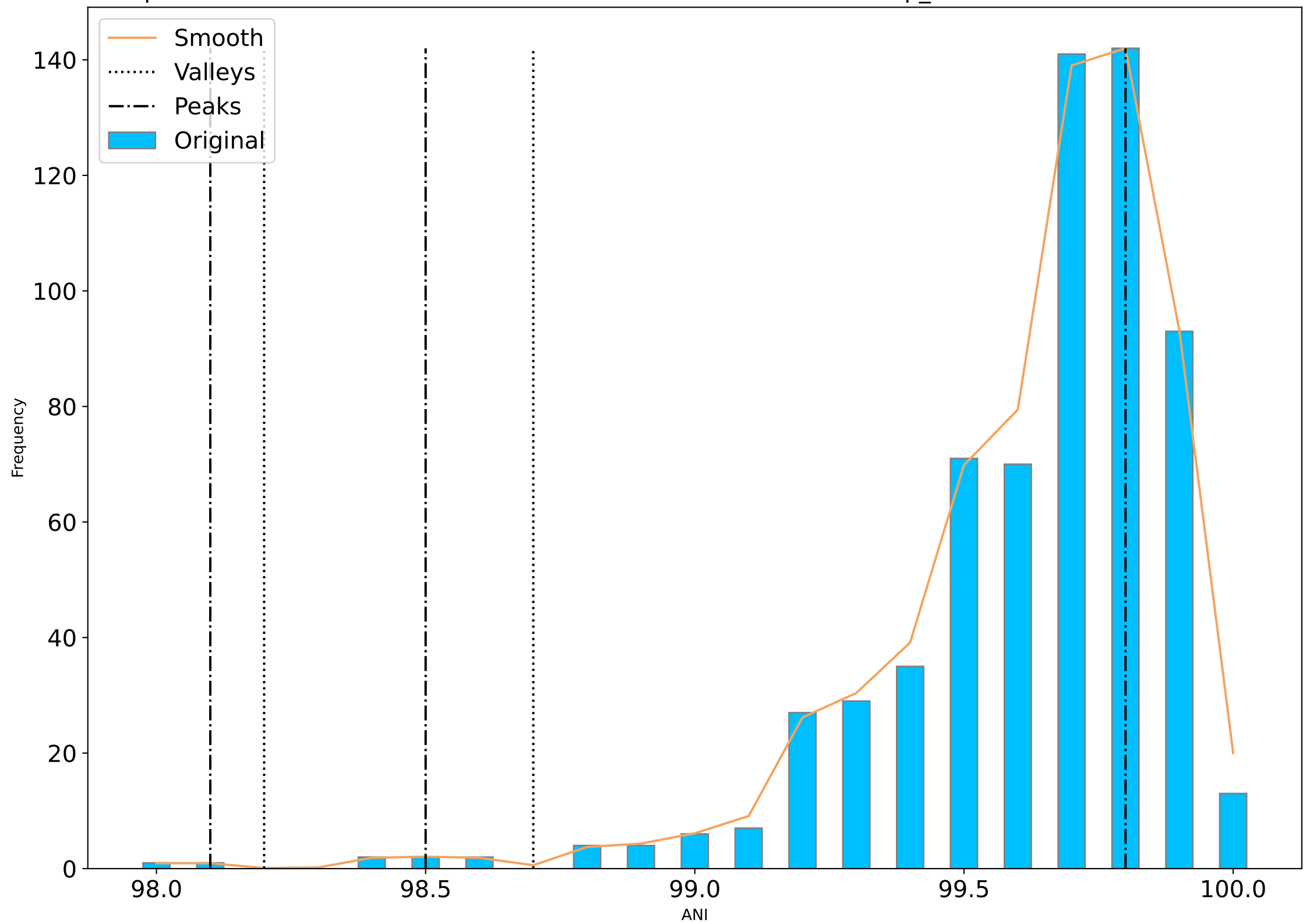


Species_222

Group 2

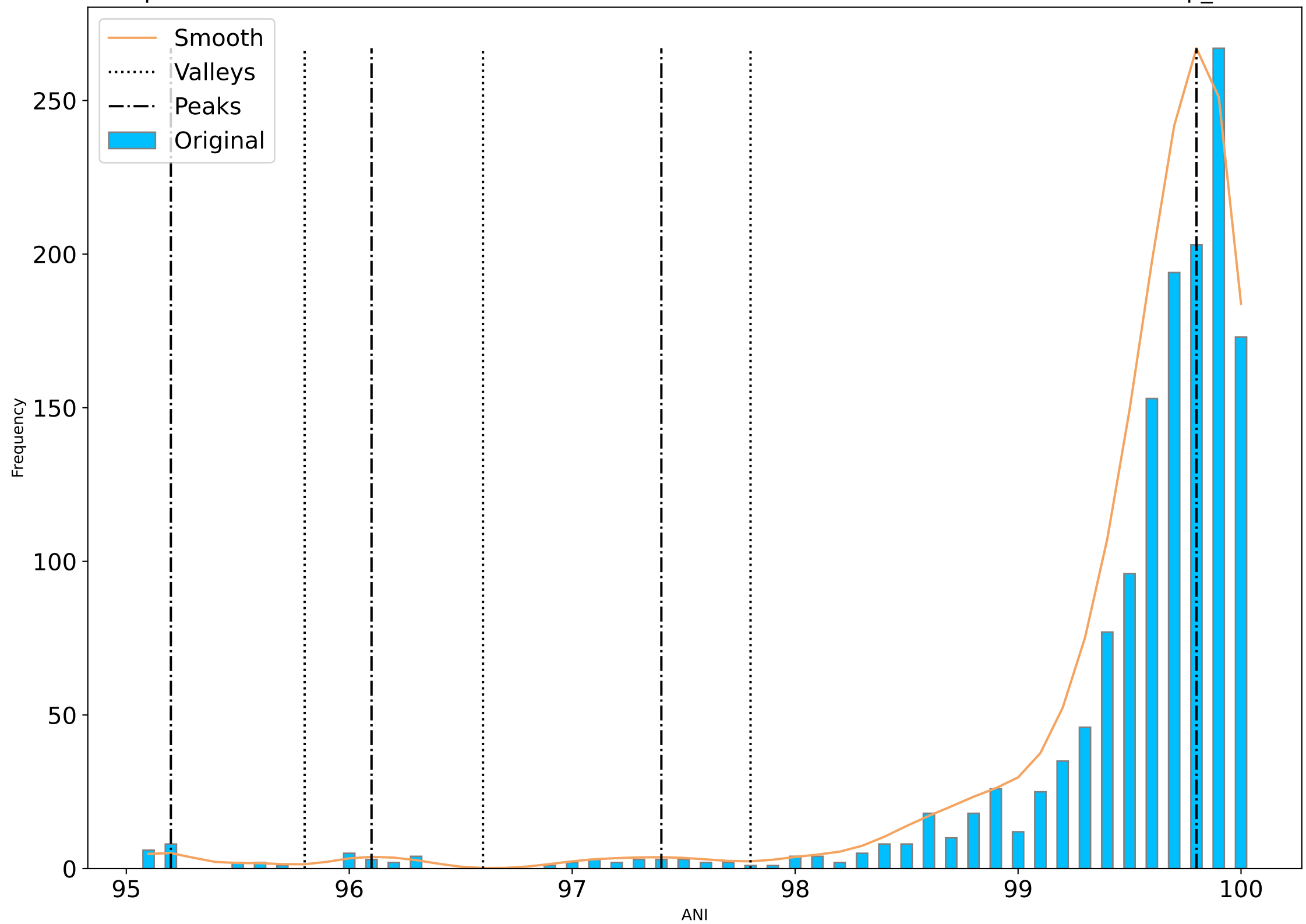
Norm_test 3.44306383901667e-62

Dip_test 0.00022100956778470238



Species_223
Group 3

Norm_test 8.44990986313093e-246
Dip_test 0.0

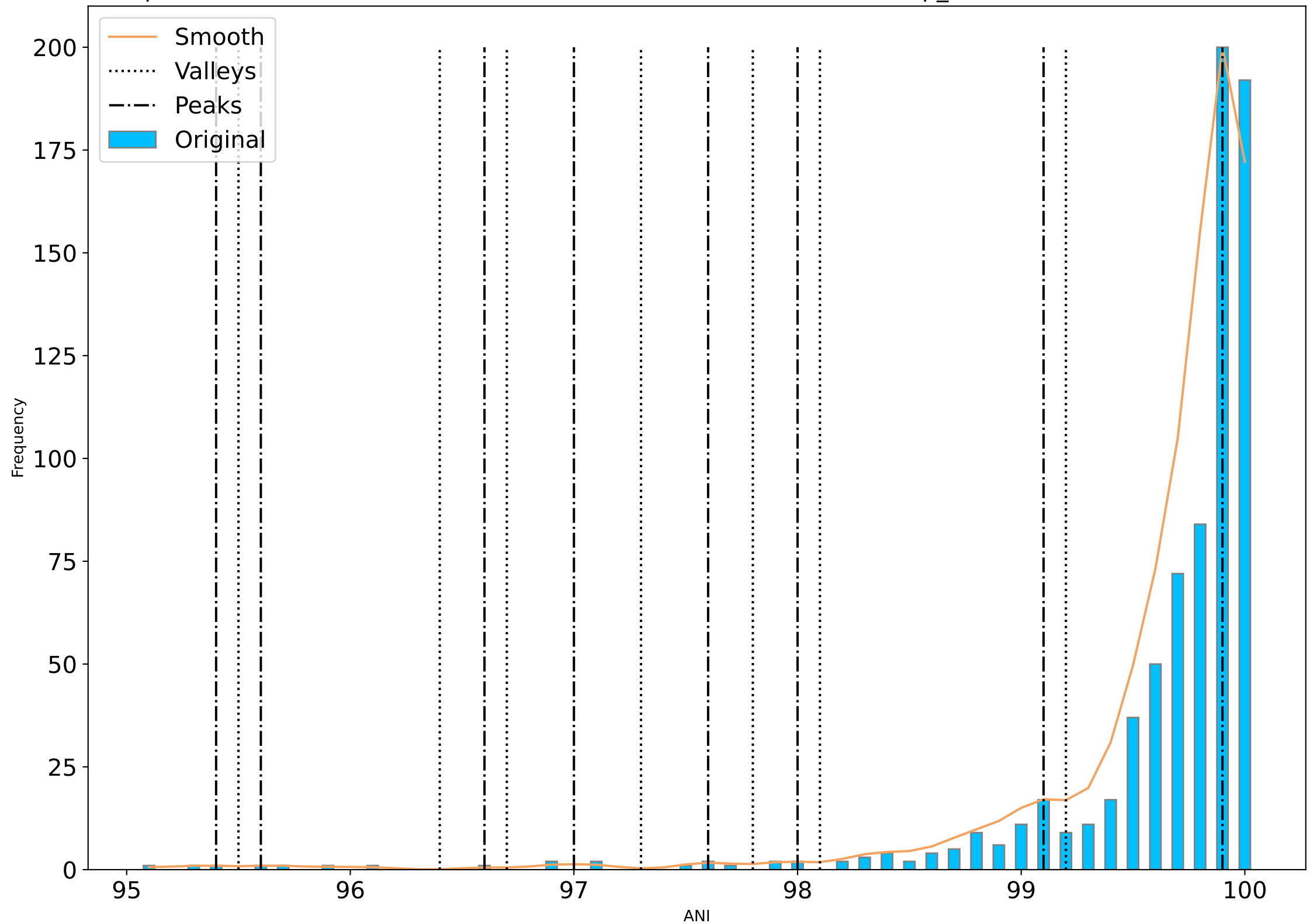


Species_224

Group 2

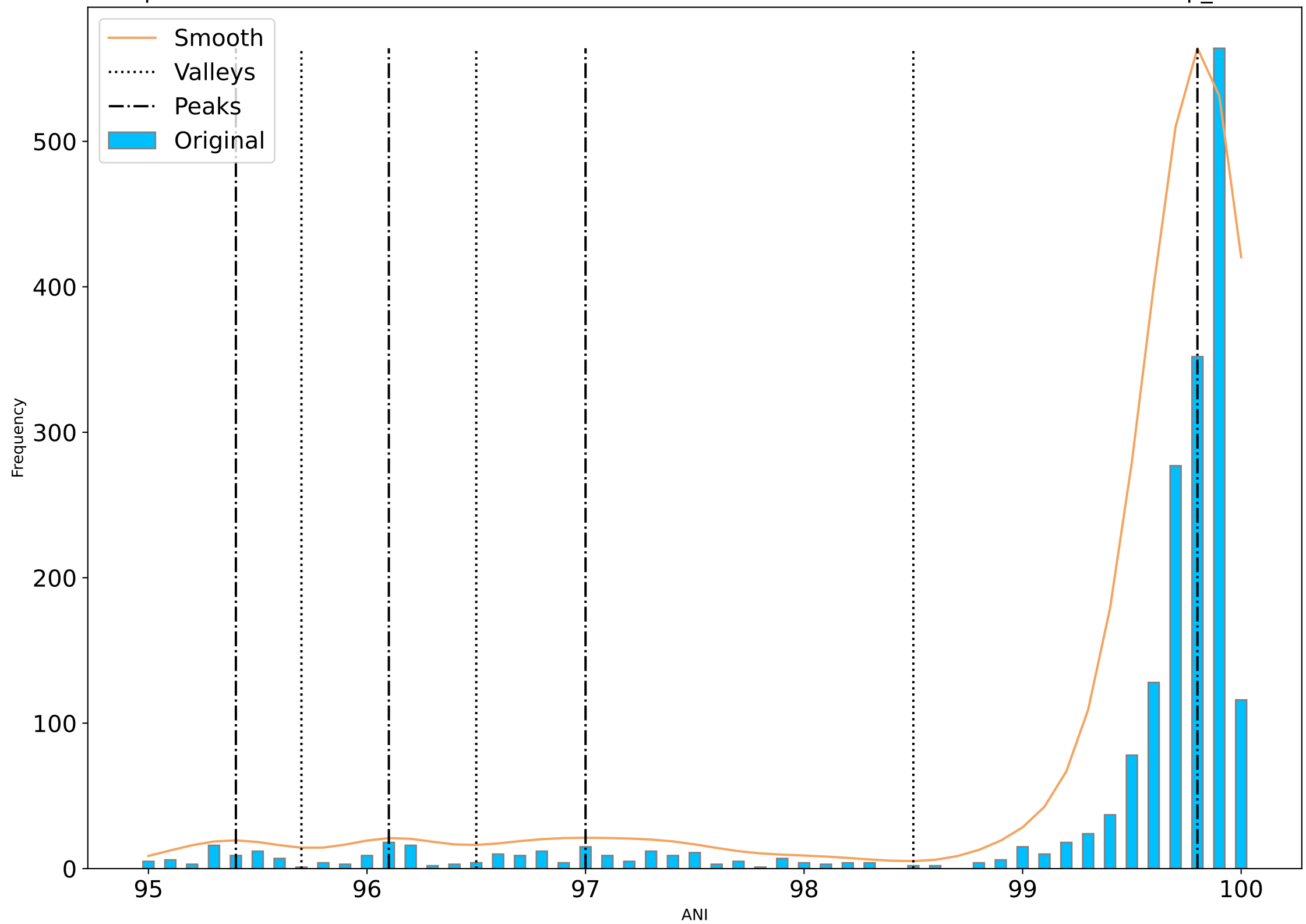
Norm_test 1.006897948185242e-148

Dip_test 0.0017302258786449087



Species_225
Group 3

Norm_test 3.798872333143169e-192
Dip_test 0.0

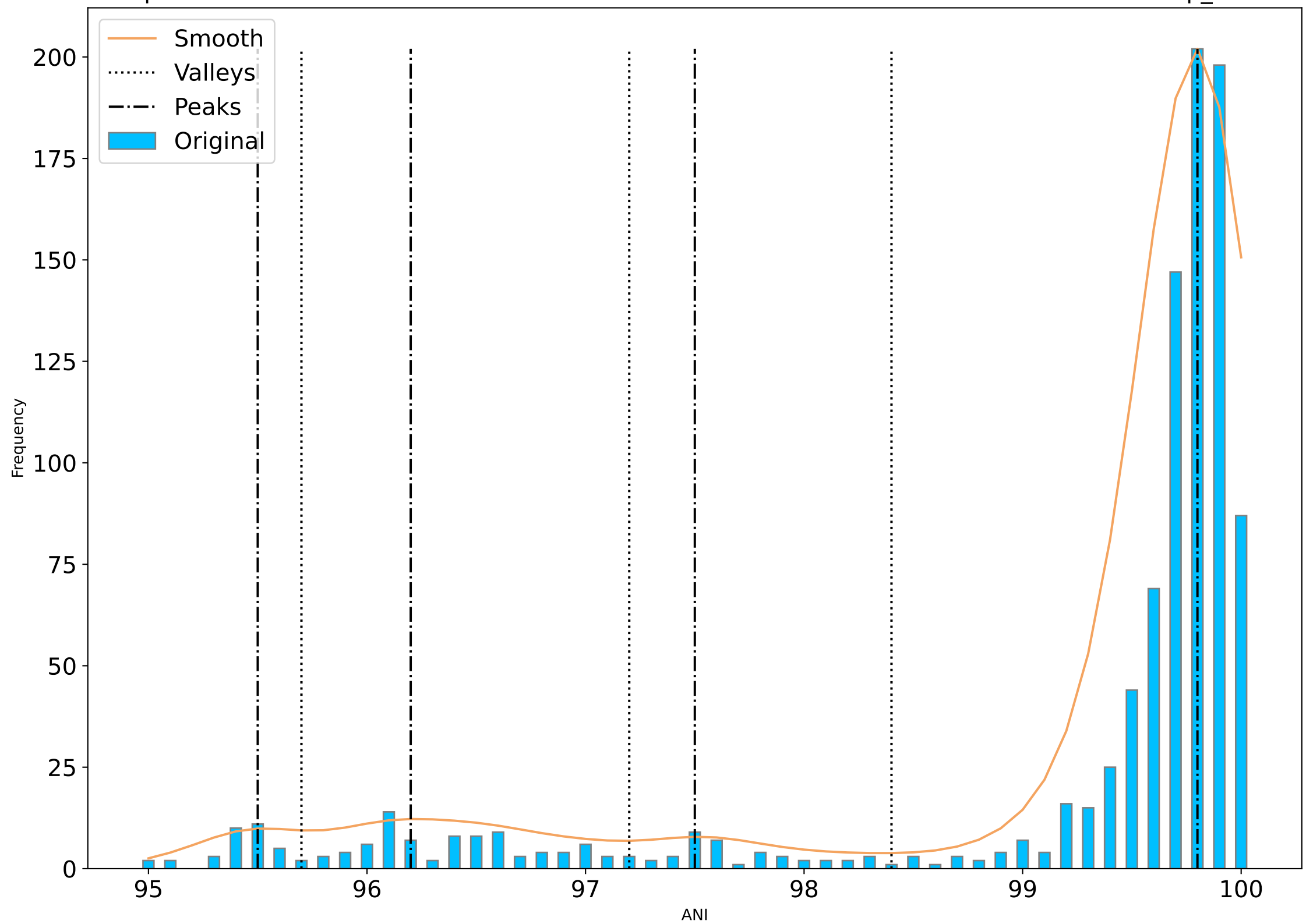


Species_226

Group 3

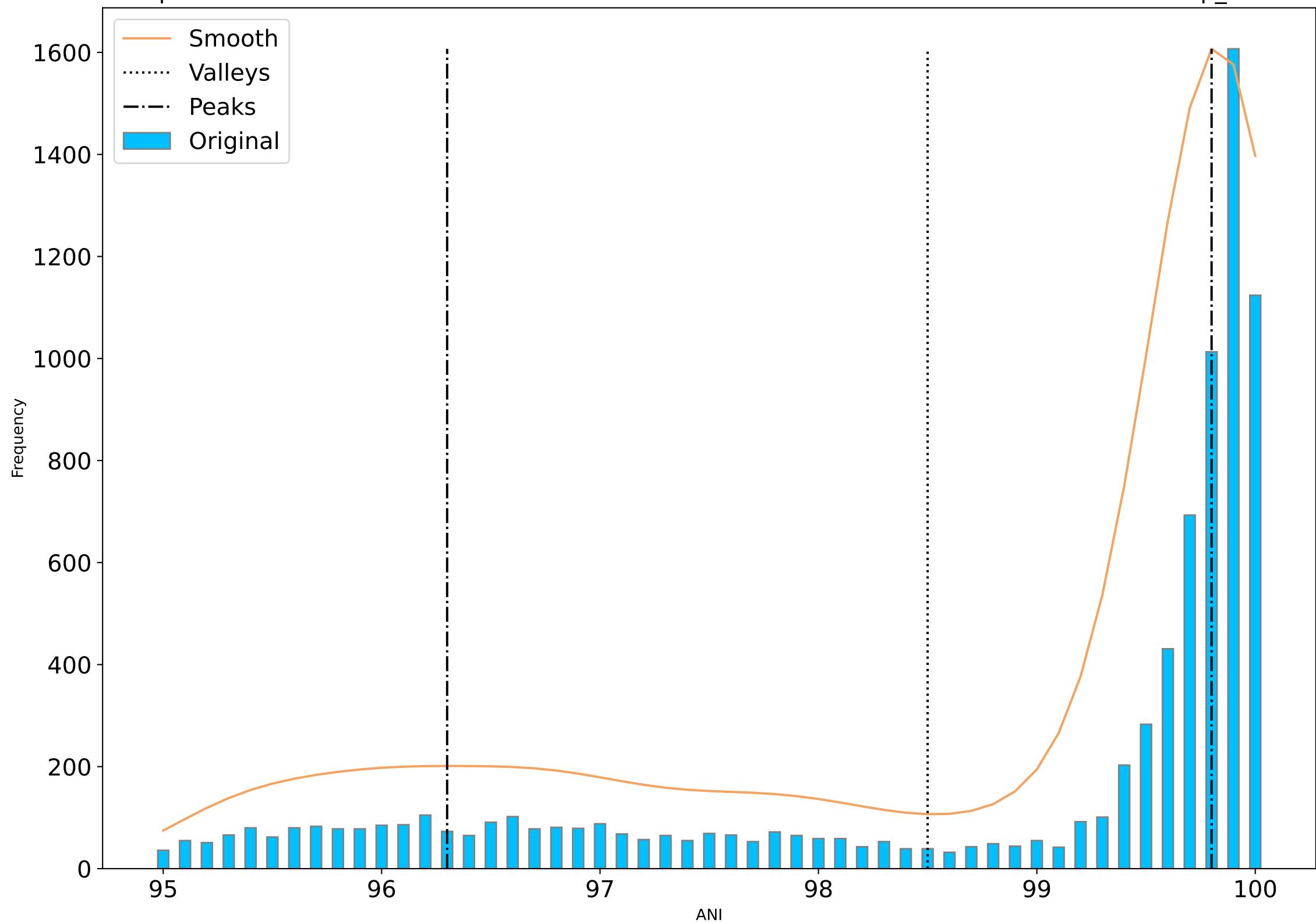
Norm_test 1.1088592428295161e-80

Dip_test 0.0



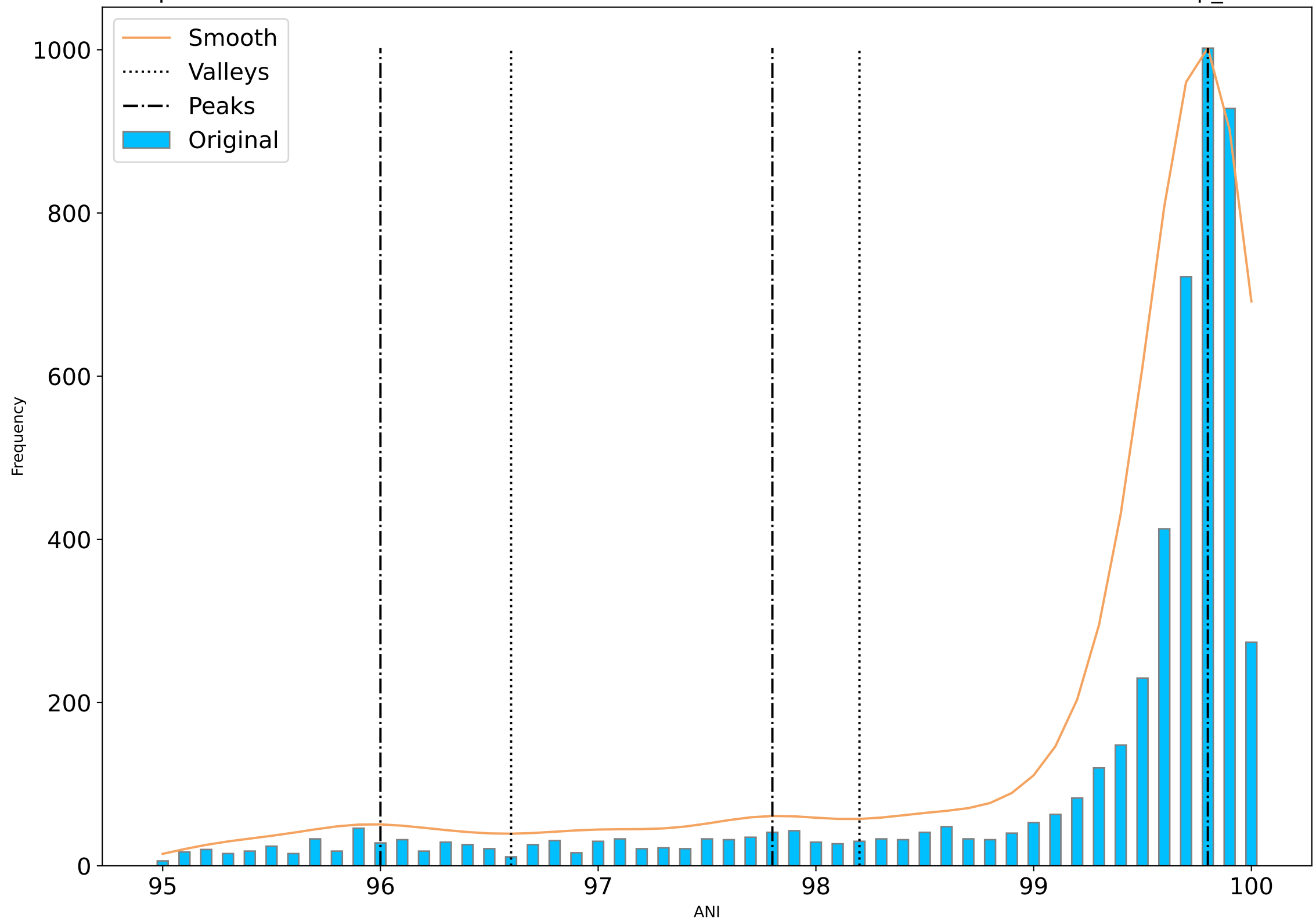
Species_227
Group 3

Norm_test 5.875481729501303e-270
Dip_test 0.0



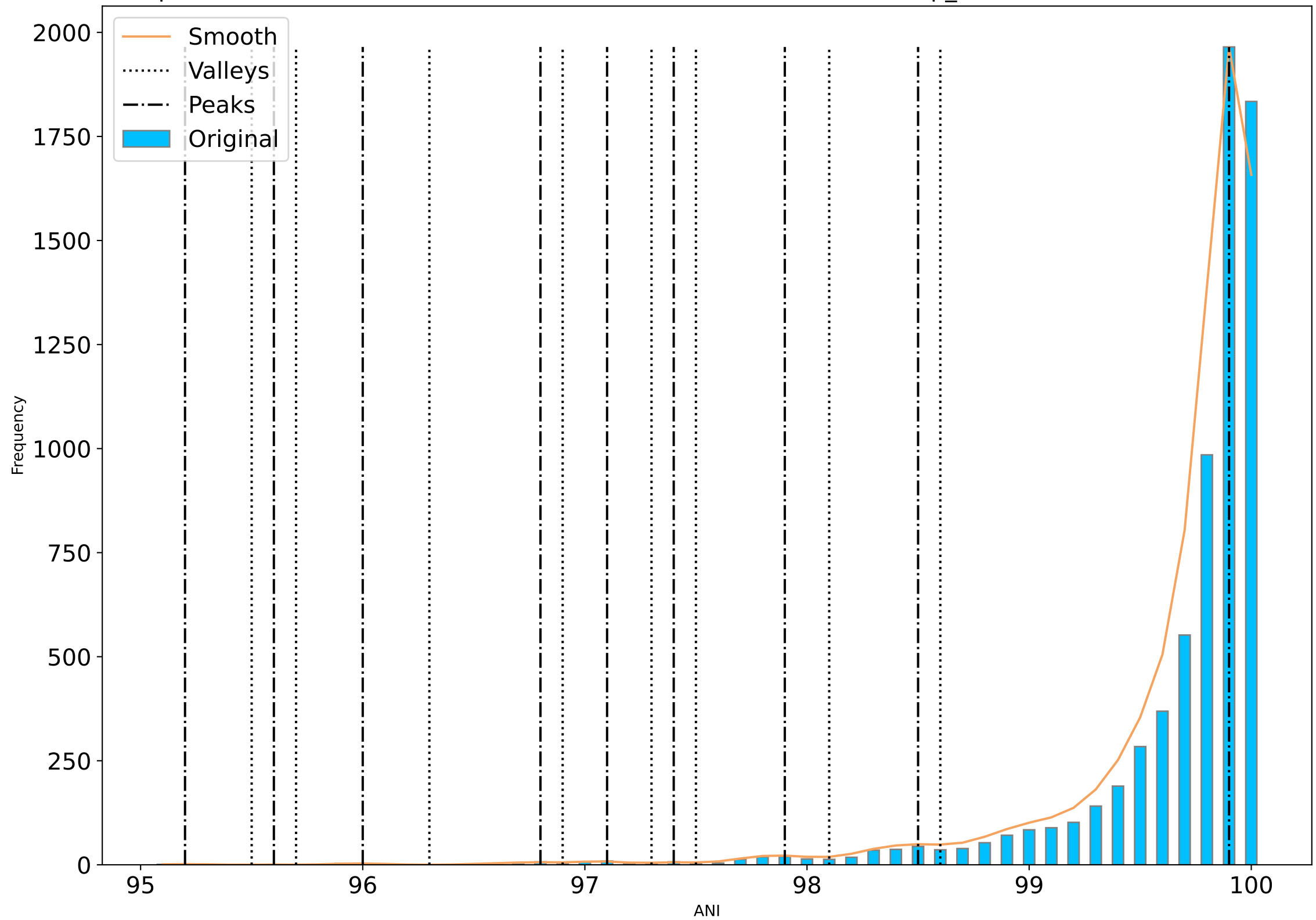
Species_229
Group 3

Norm_test 0.0
Dip_test 0.0



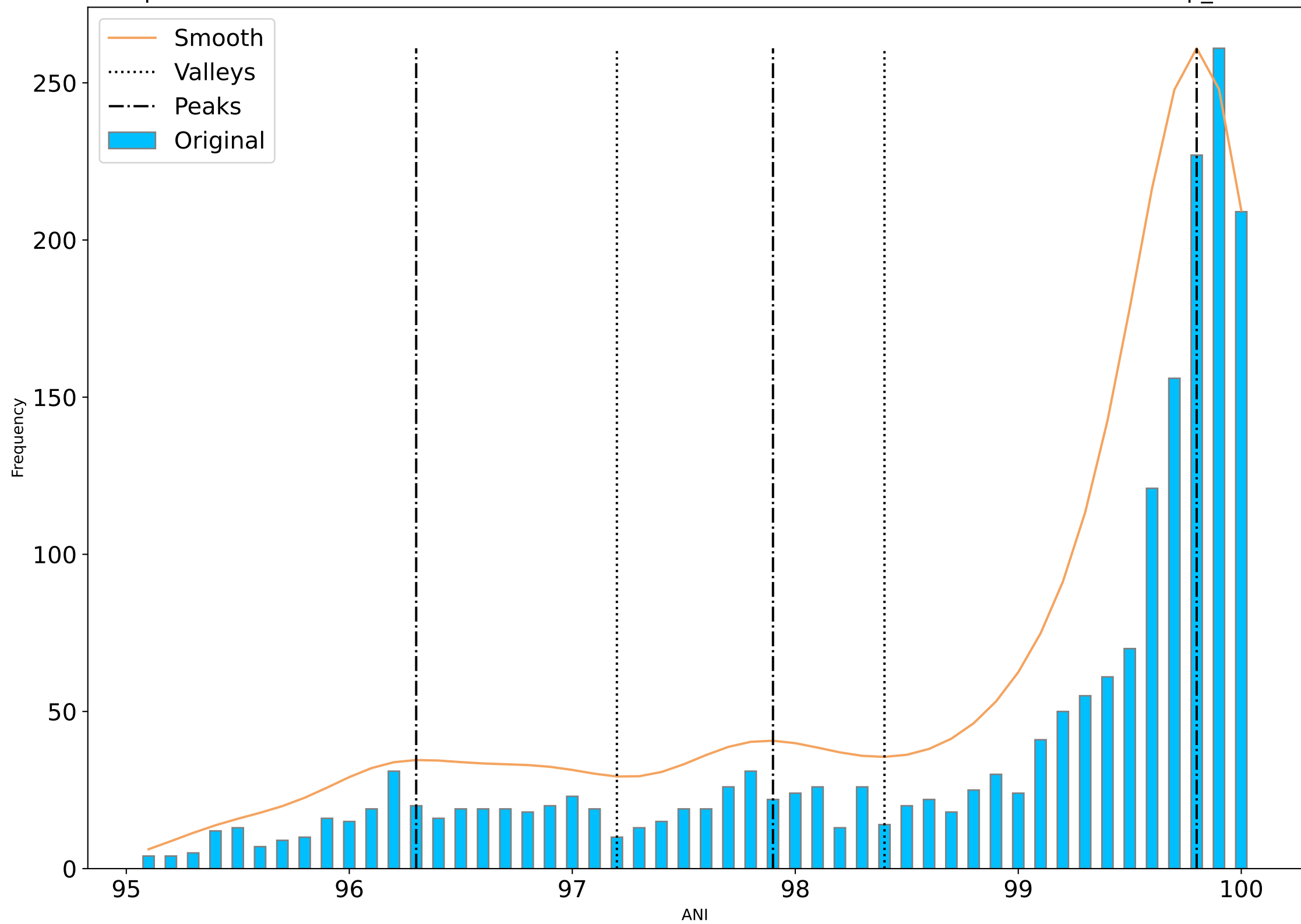
Species_230
Group 2

Norm_test 0.0
Dip_test 0.0004829982198848448



Species_231
Group 3

Norm_test 5.562508930801693e-64
Dip_test 0.0

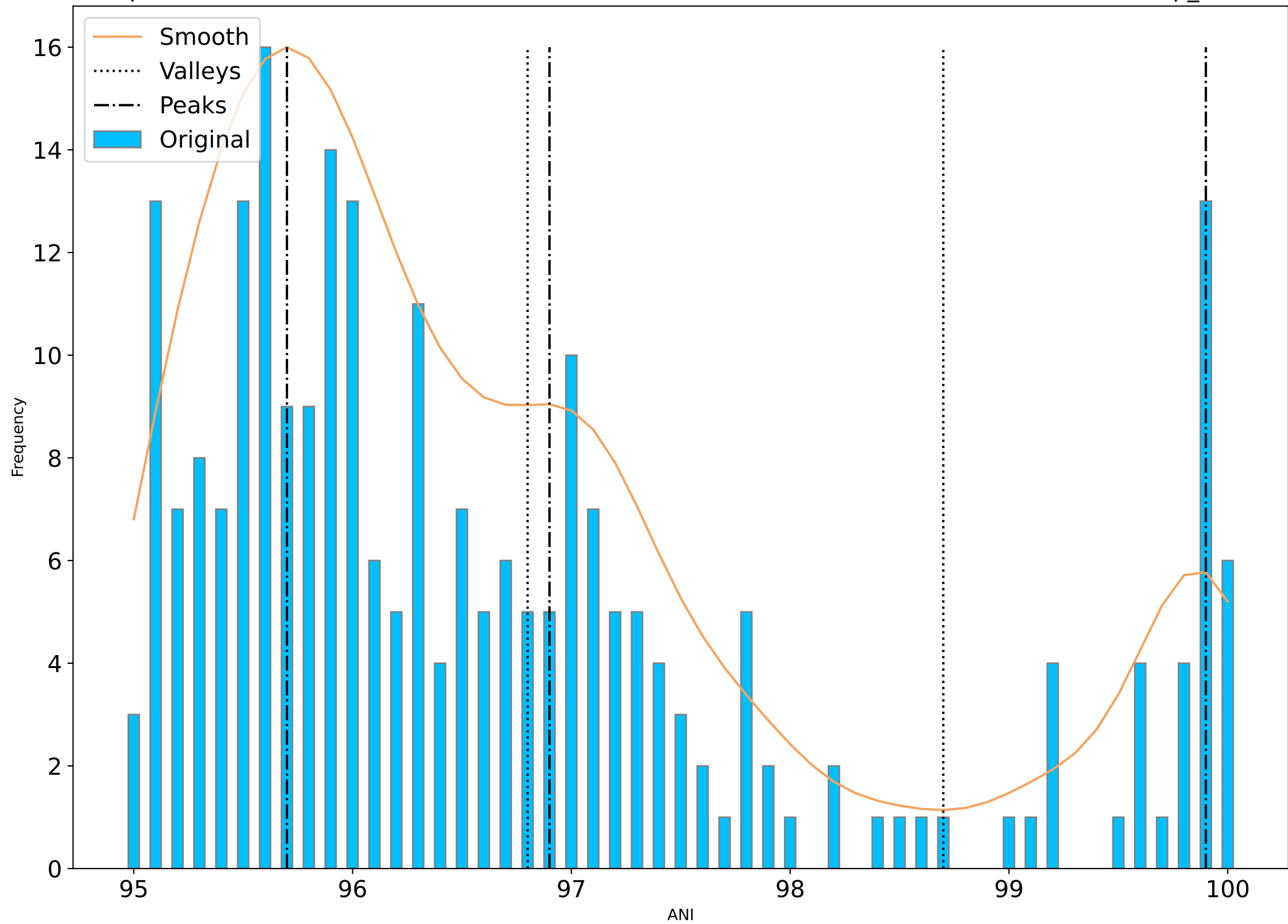


Species_233

Group 3

Norm_test 1.5571611342781353e-08

Dip_test 0.0

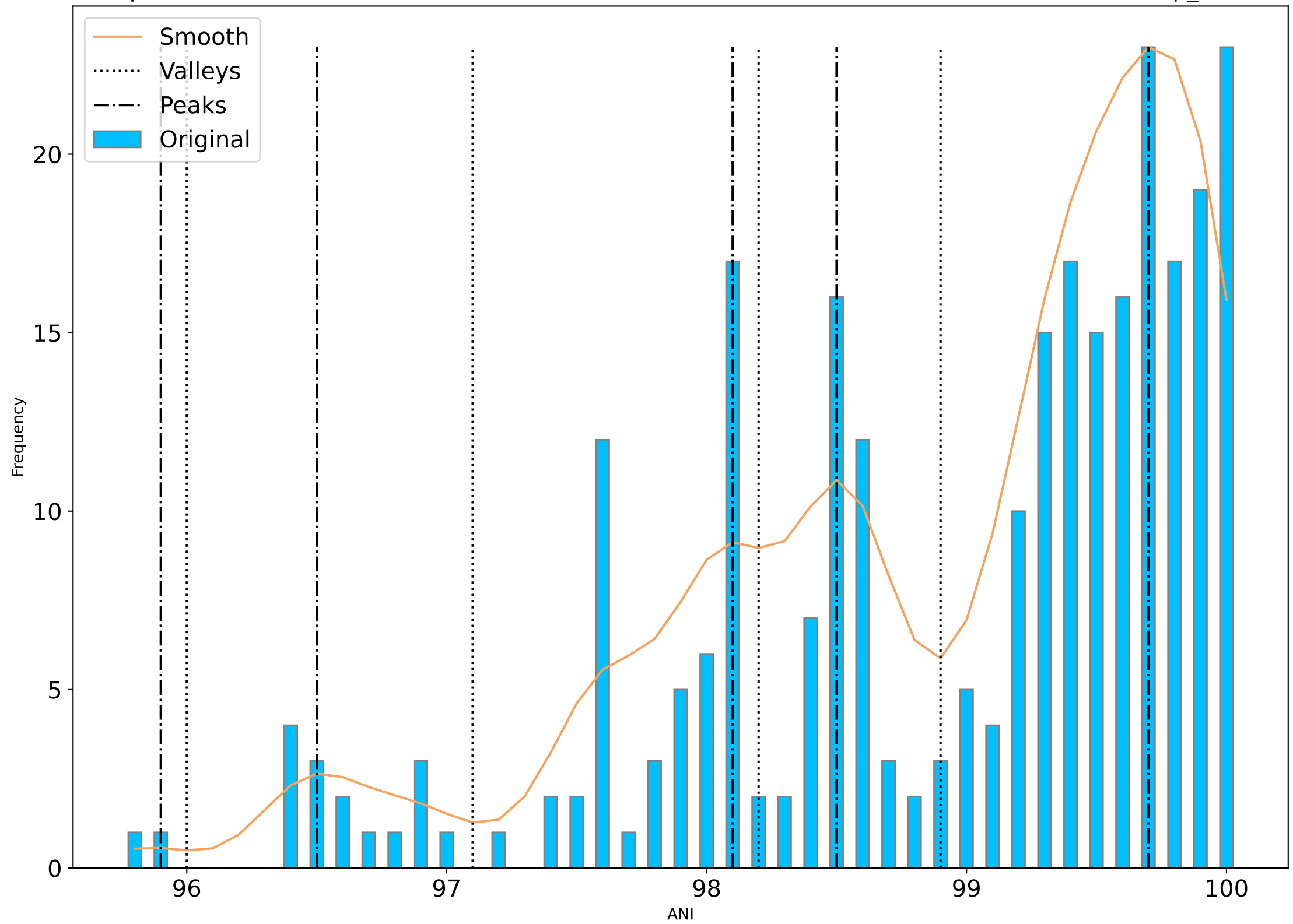


Species_235

Group 1

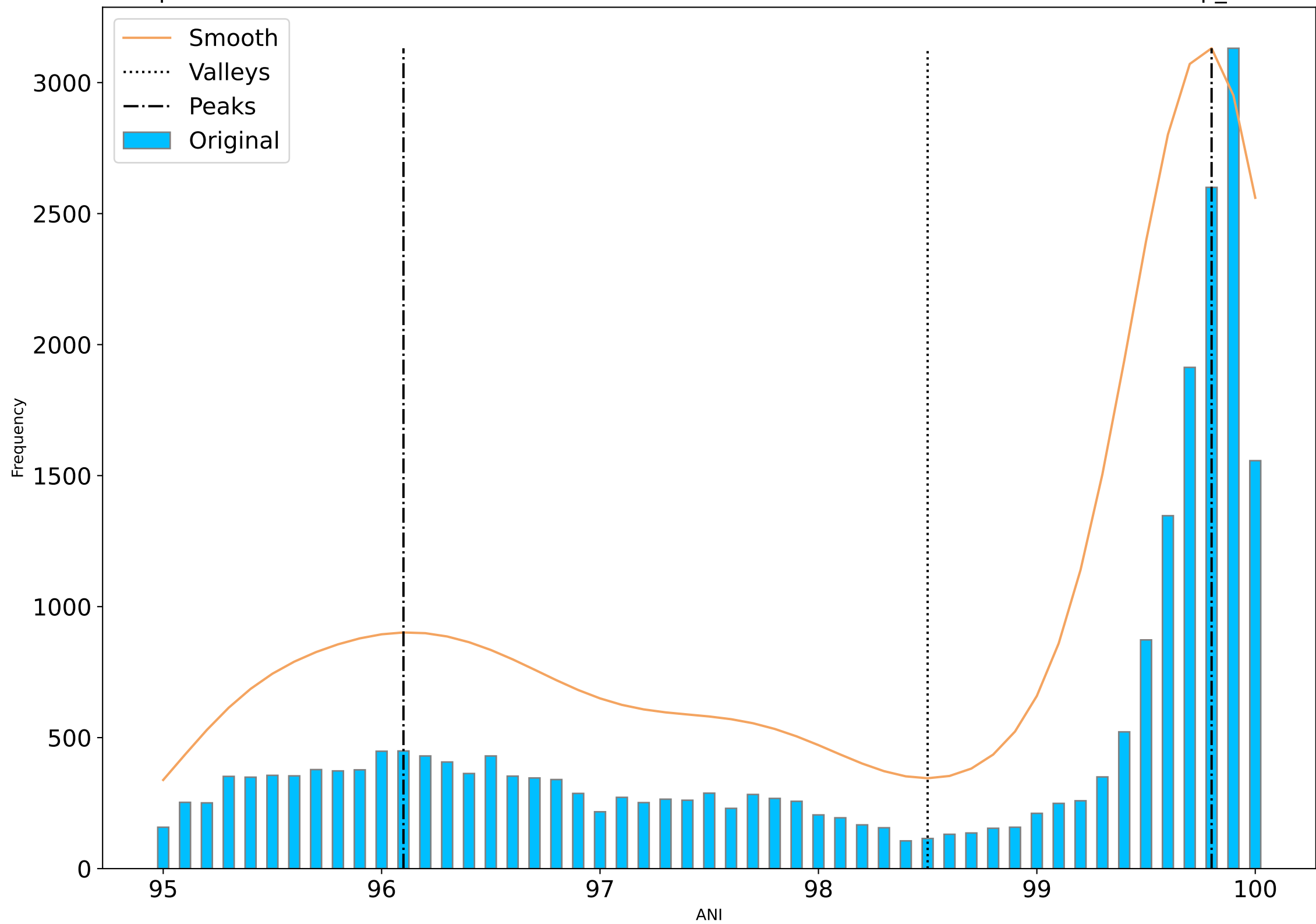
Norm_test 2.4555499154394298e-08

Dip_test 0.0



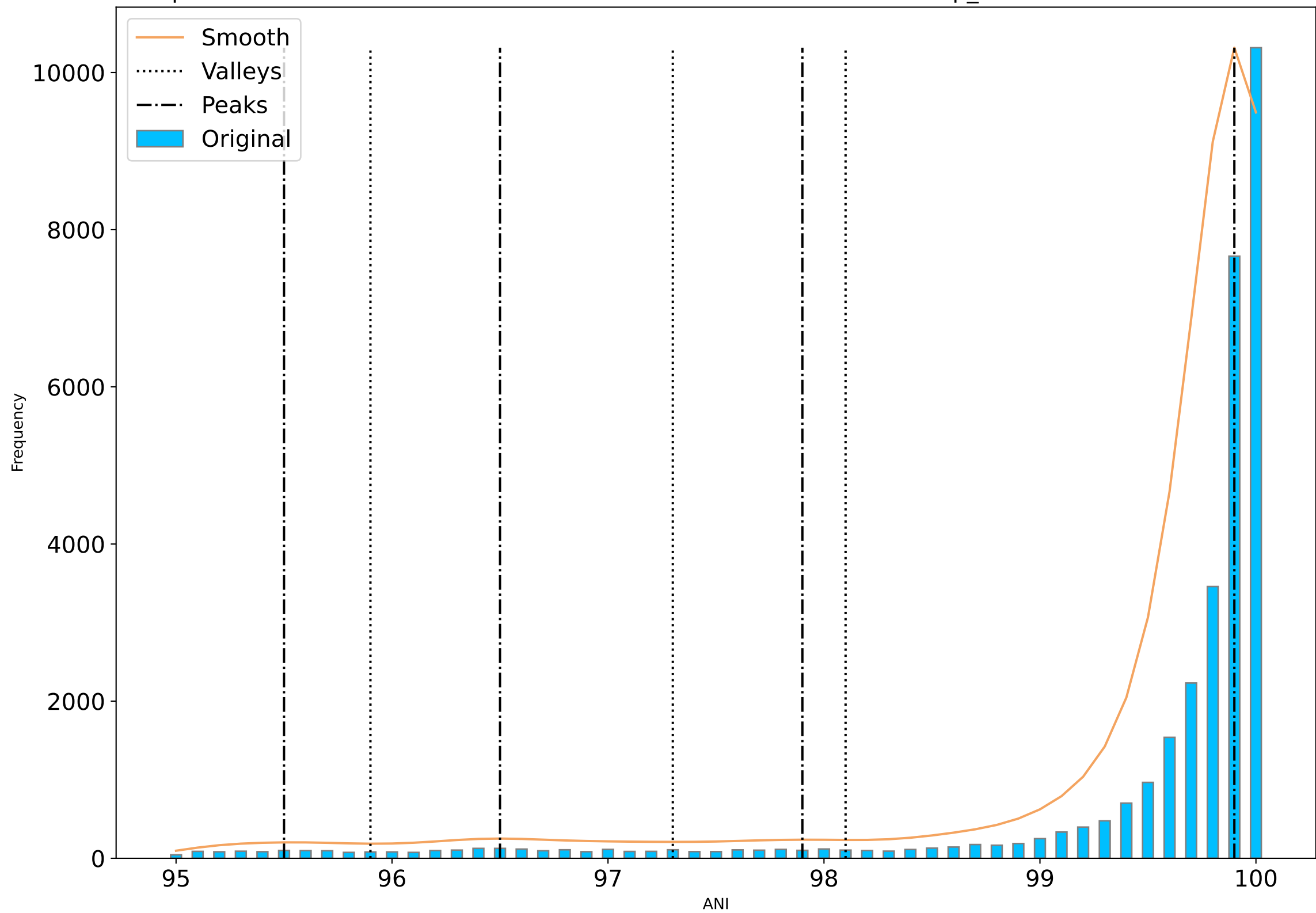
Species_236
Group 3

Norm_test 0.0
Dip_test 0.0



Species_237
Group 3

Norm_test 0.0
Dip_test 0.008406960802307961

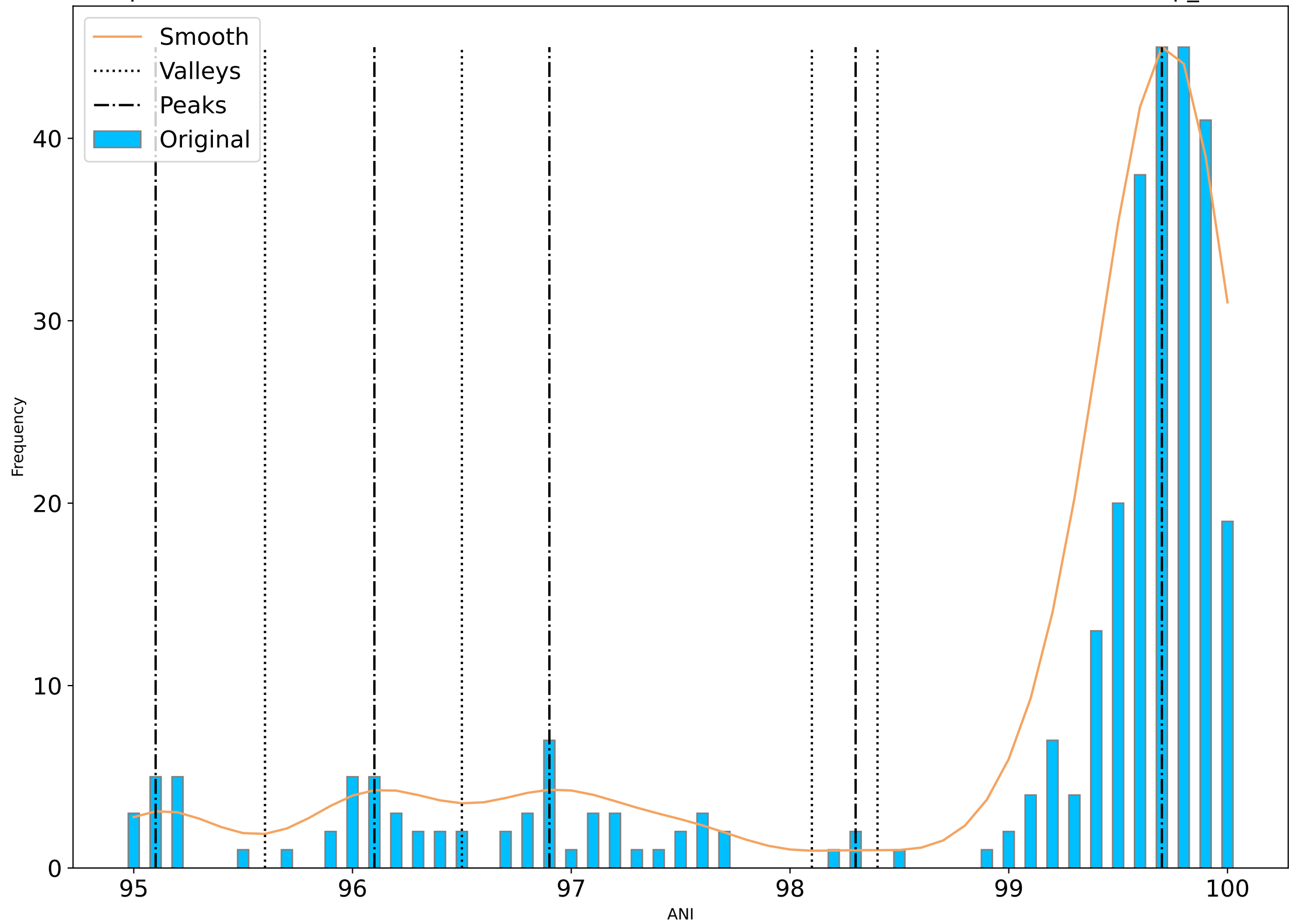


Species_241

Group 3

Norm_test 1.7301330154041497e-18

Dip_test 0.0

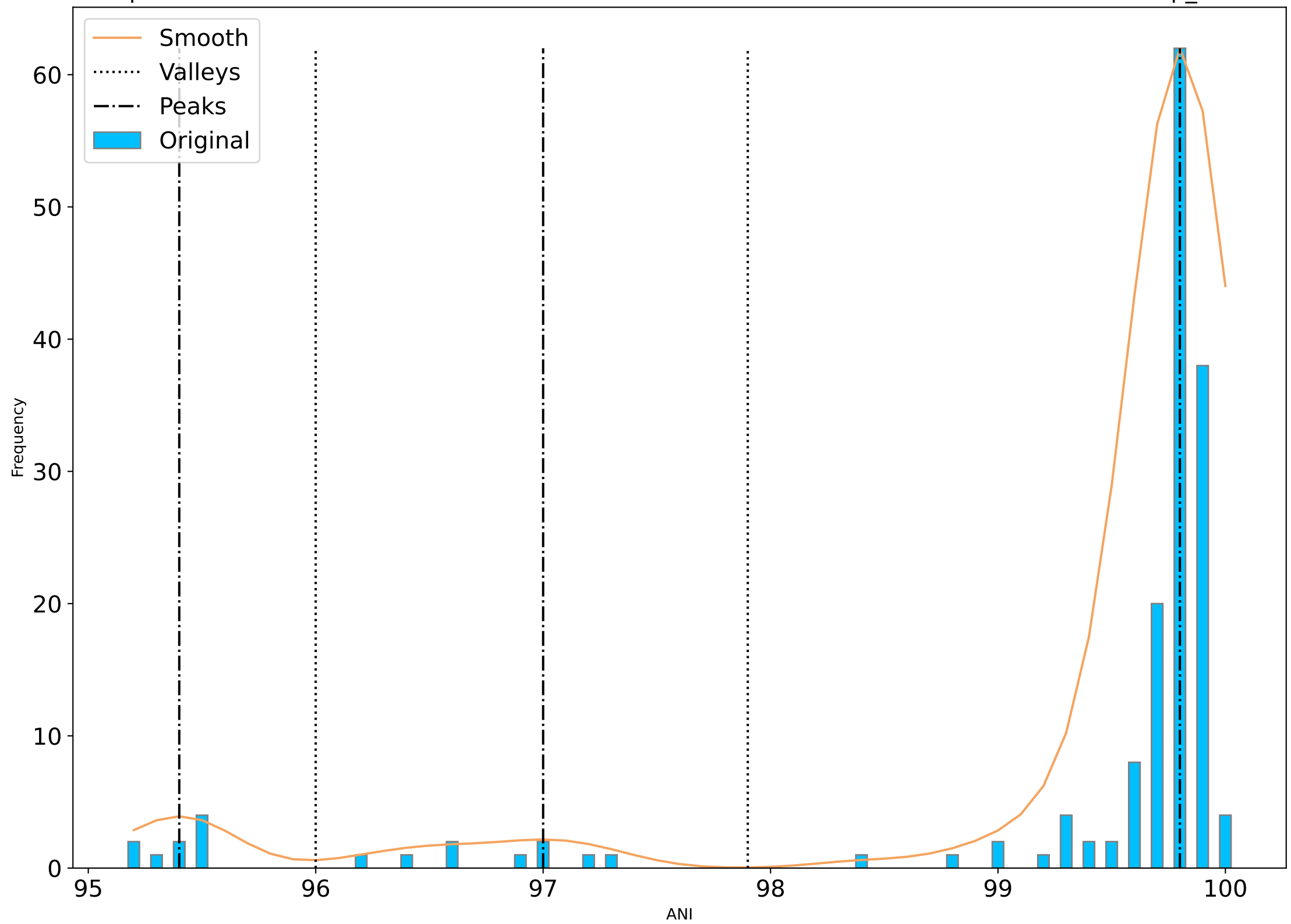


Species_242

Group 3

Norm_test 3.1226147158167574e-22

Dip_test 0.0

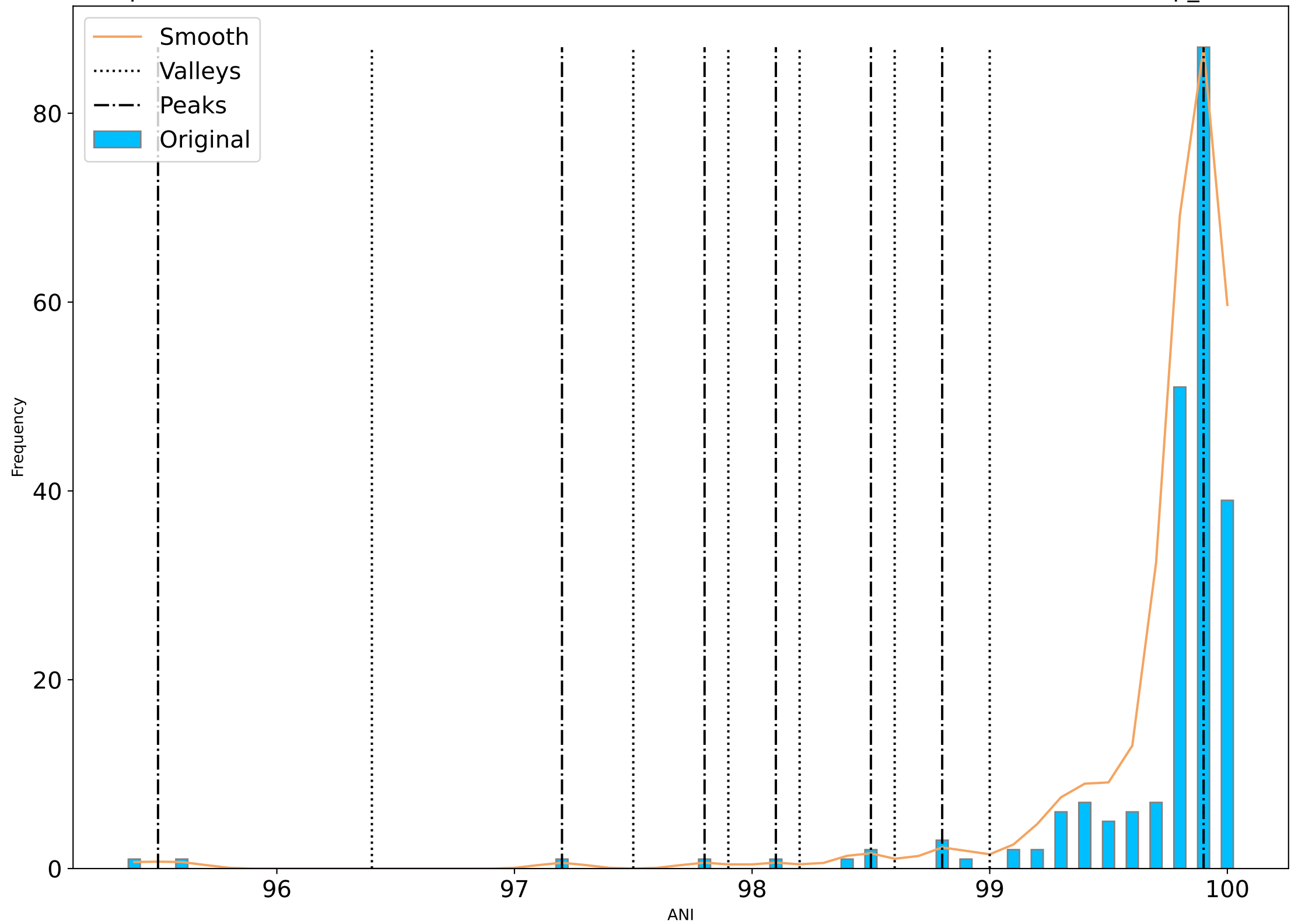


Species_245

Group 2

Norm_test 7.705422205825294e-60

Dip_test 0.0

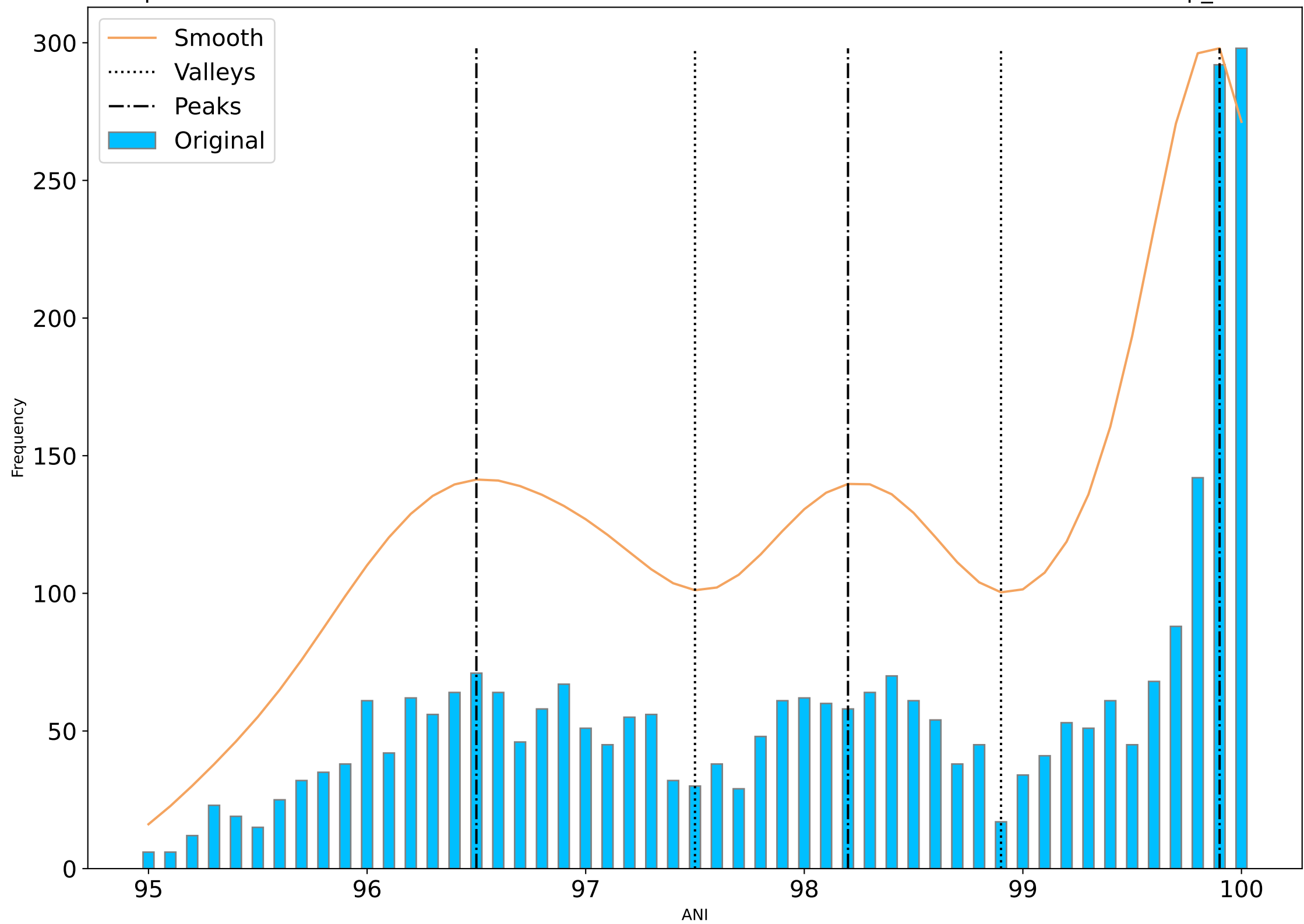


Species_246

Group 1

Norm_test 0.0

Dip_test 0.0

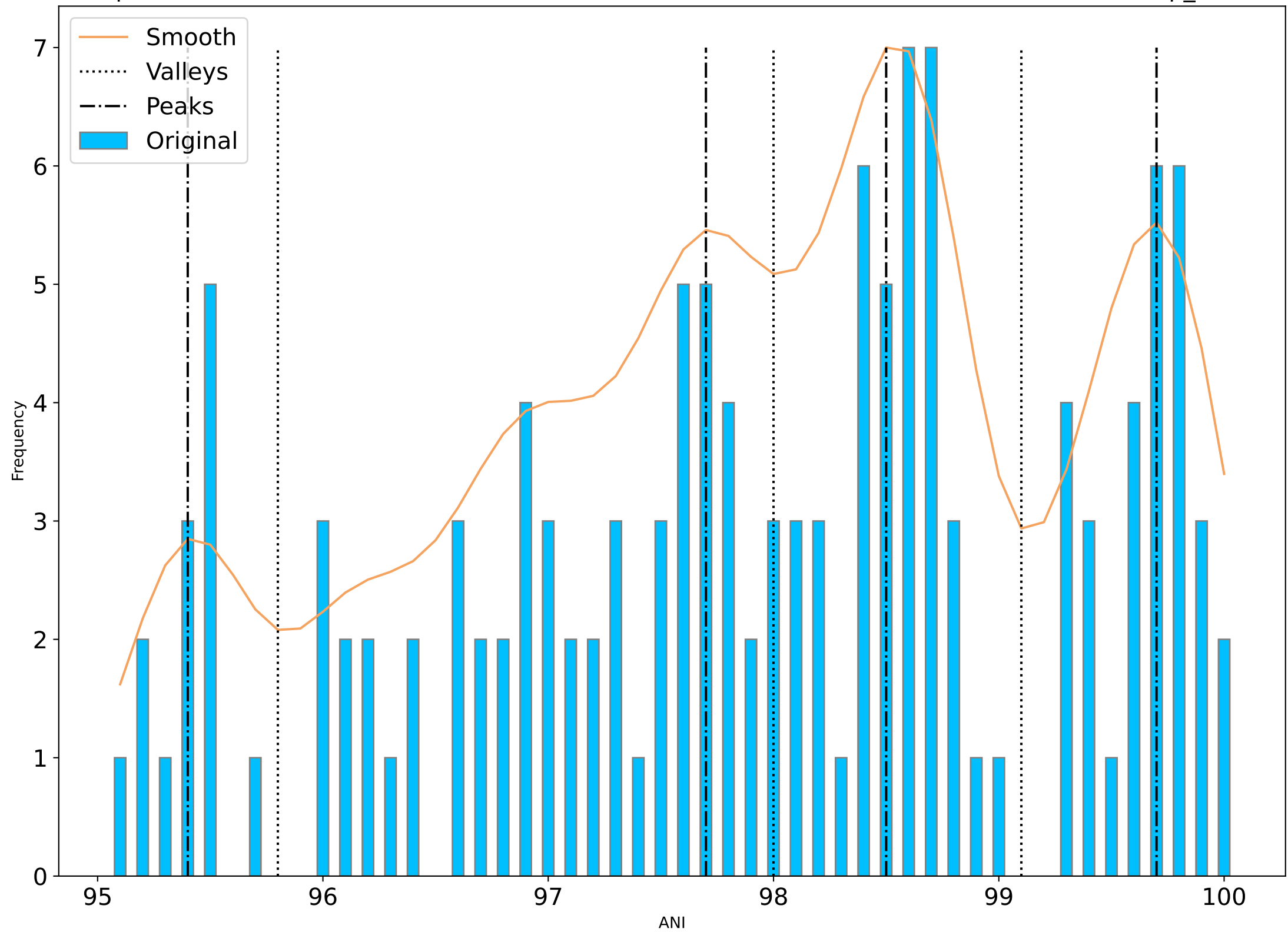


Species_248

Group 1

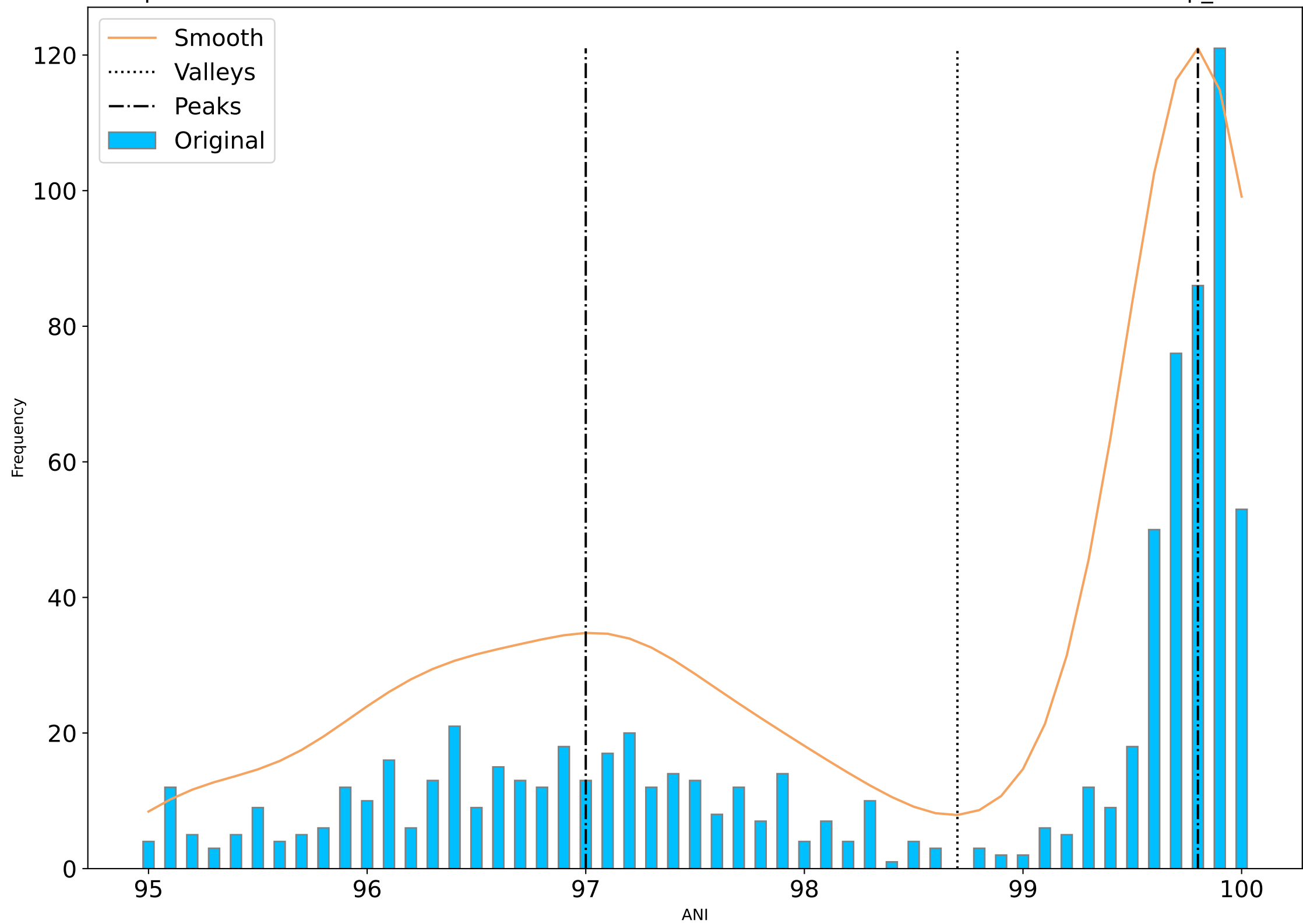
Norm_test 0.002983894937801484

Dip_test 0.0



Species_249
Group 3

Norm_test 3.552505665316226e-159
Dip_test 0.0

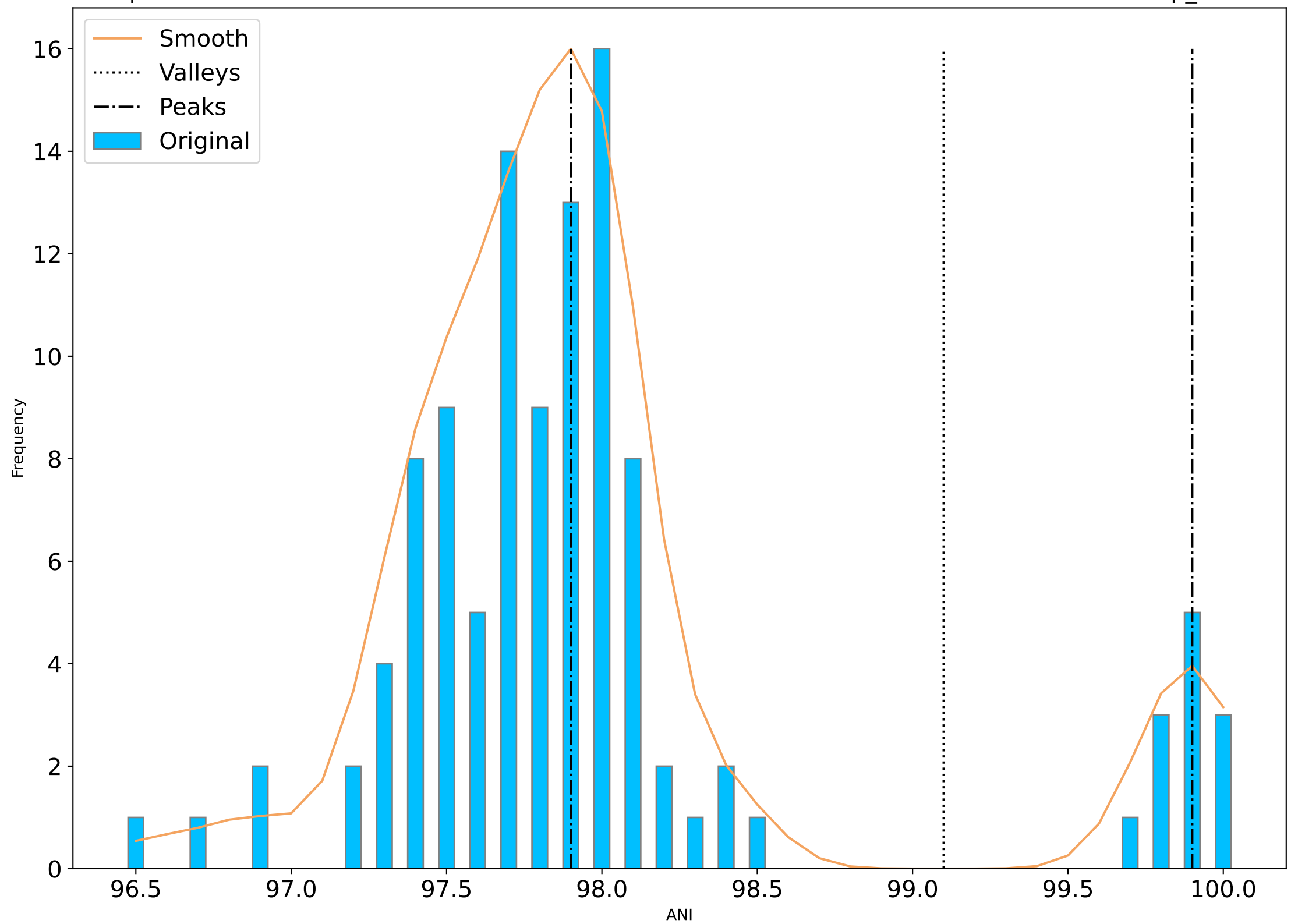


Species_252

Group 1

Norm_test 3.1523158604594495e-09

Dip_test 0.0

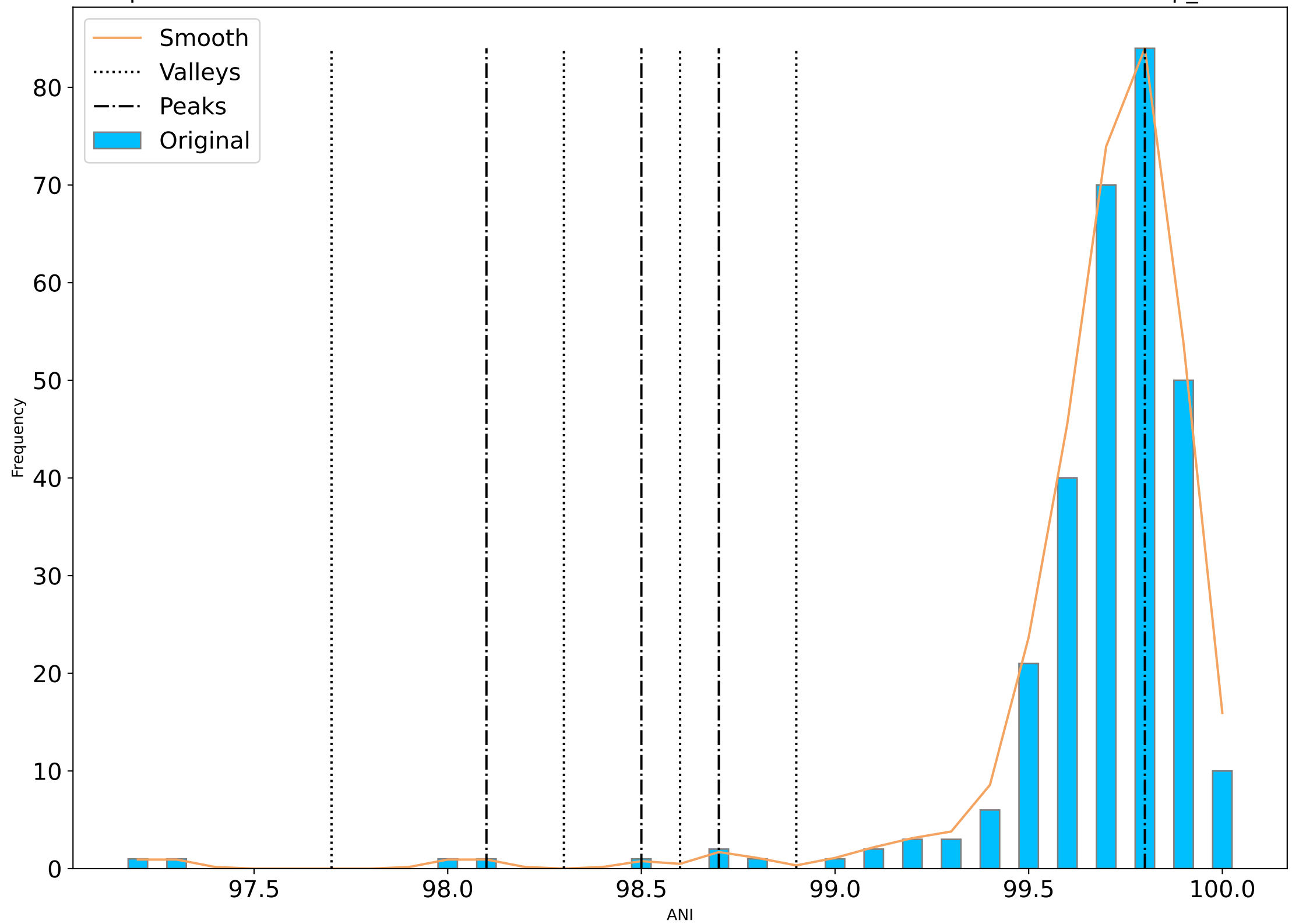


Species_254

Group 2

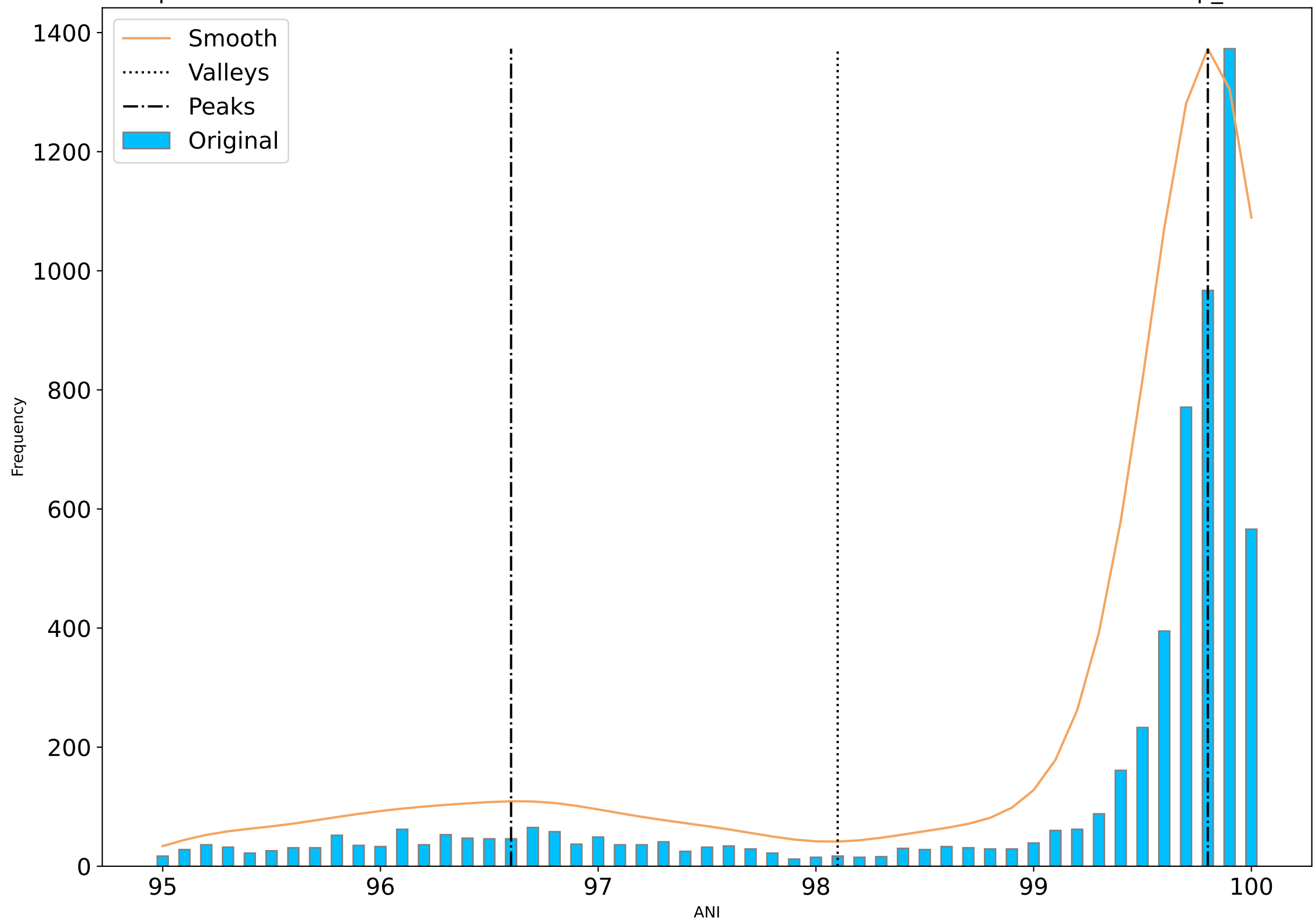
Norm_test 1.0025720795789886e-69

Dip_test 0.0



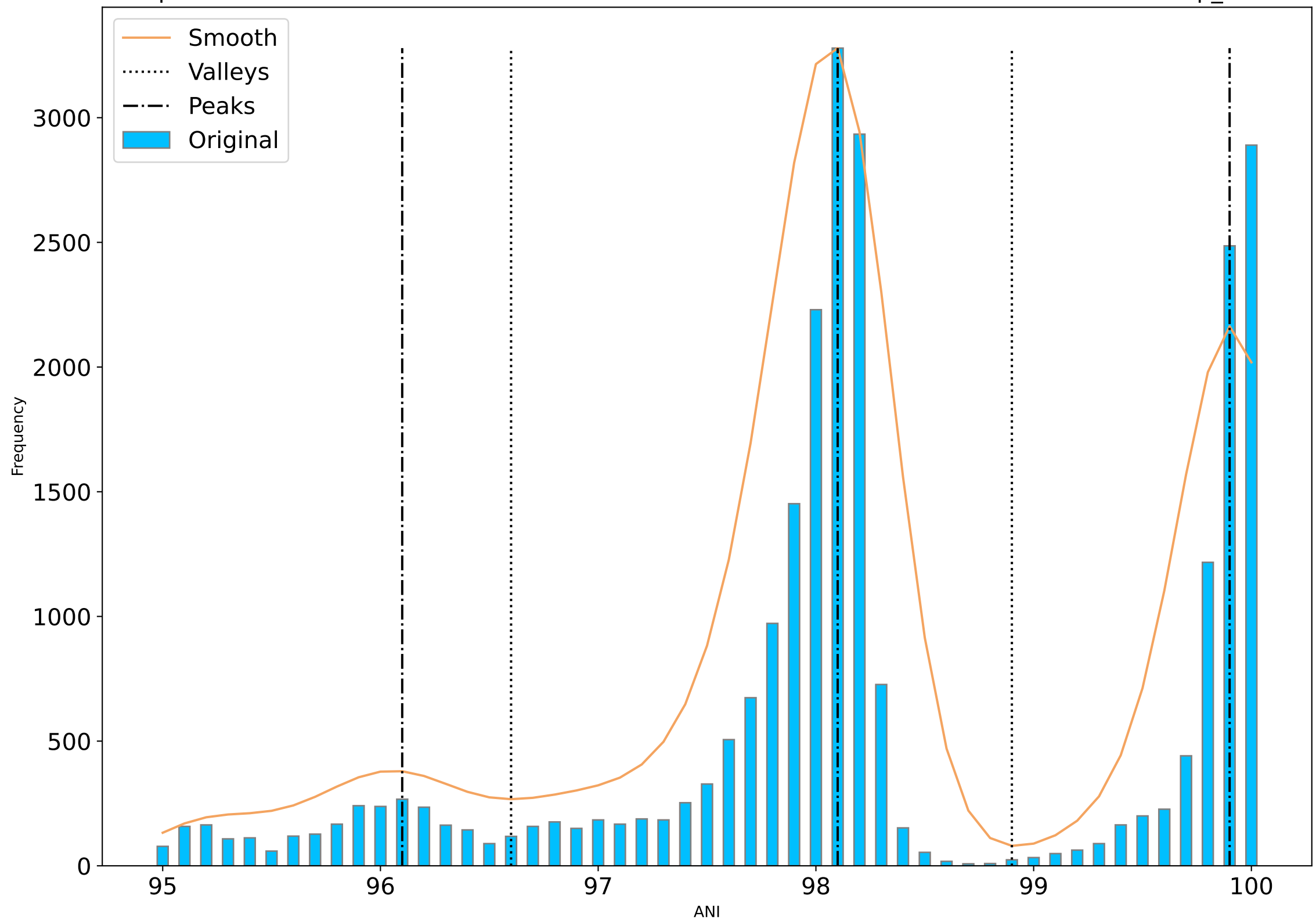
Species_255
Group 3

Norm_test 0.0
Dip_test 0.0



Species_256
Group 1

Norm_test 2.43744046986979e-122
Dip_test 0.0

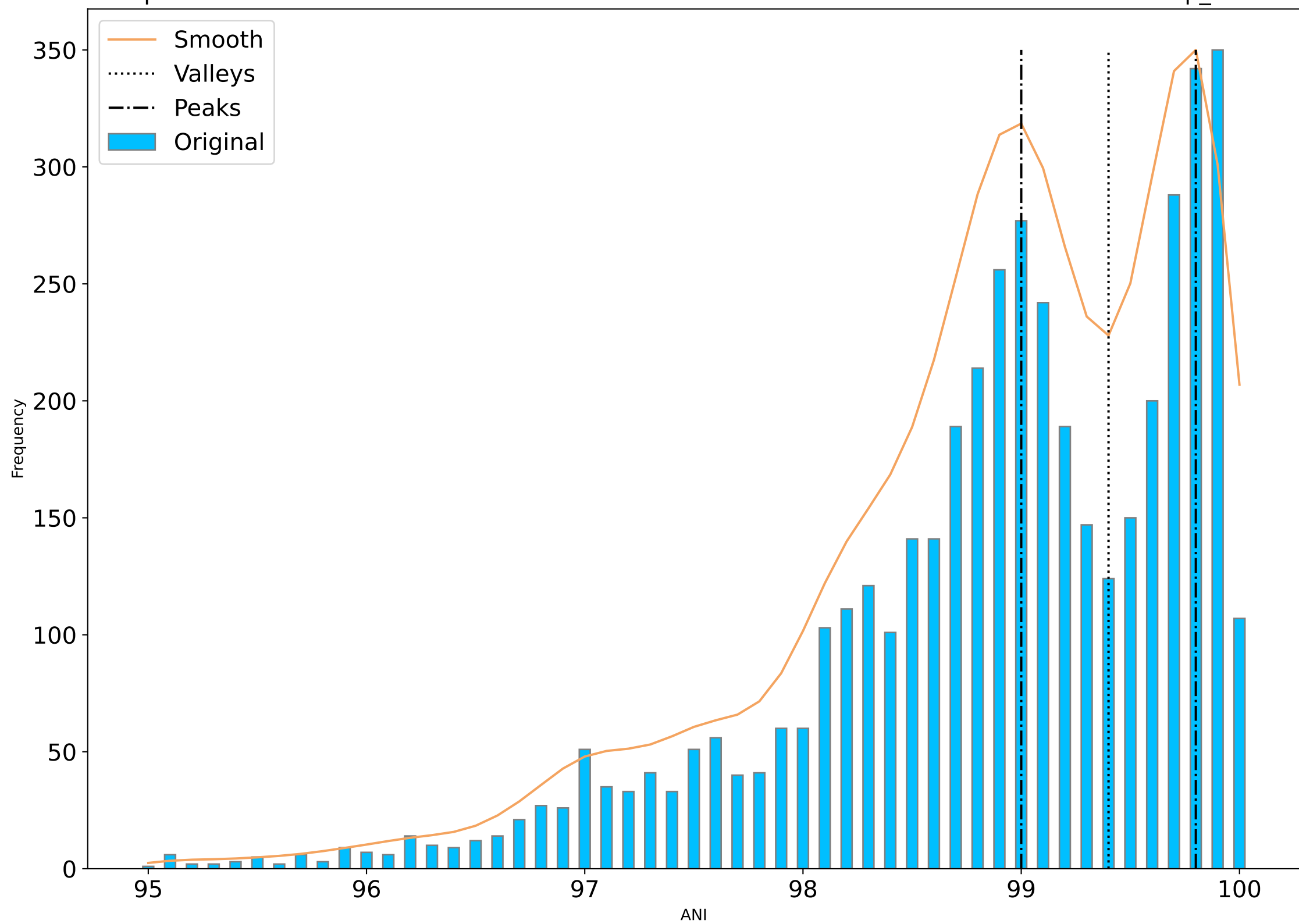


Species_257

Group 1

Norm_test 6.730502627374641e-172

Dip_test 0.0

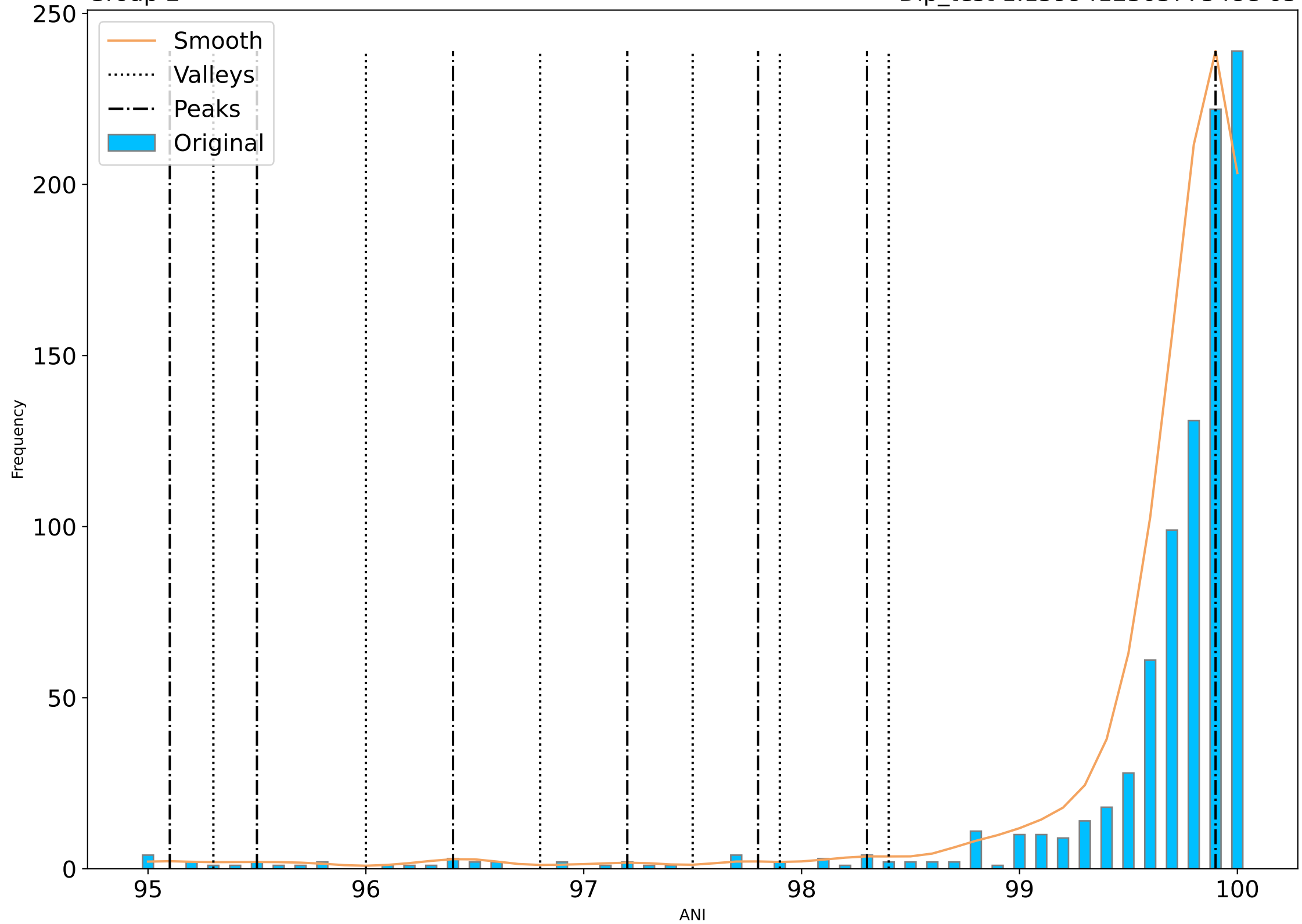


Species_259

Group 2

Norm_test 4.6994539317249425e-170

Dip_test 1.159941230377548e-05

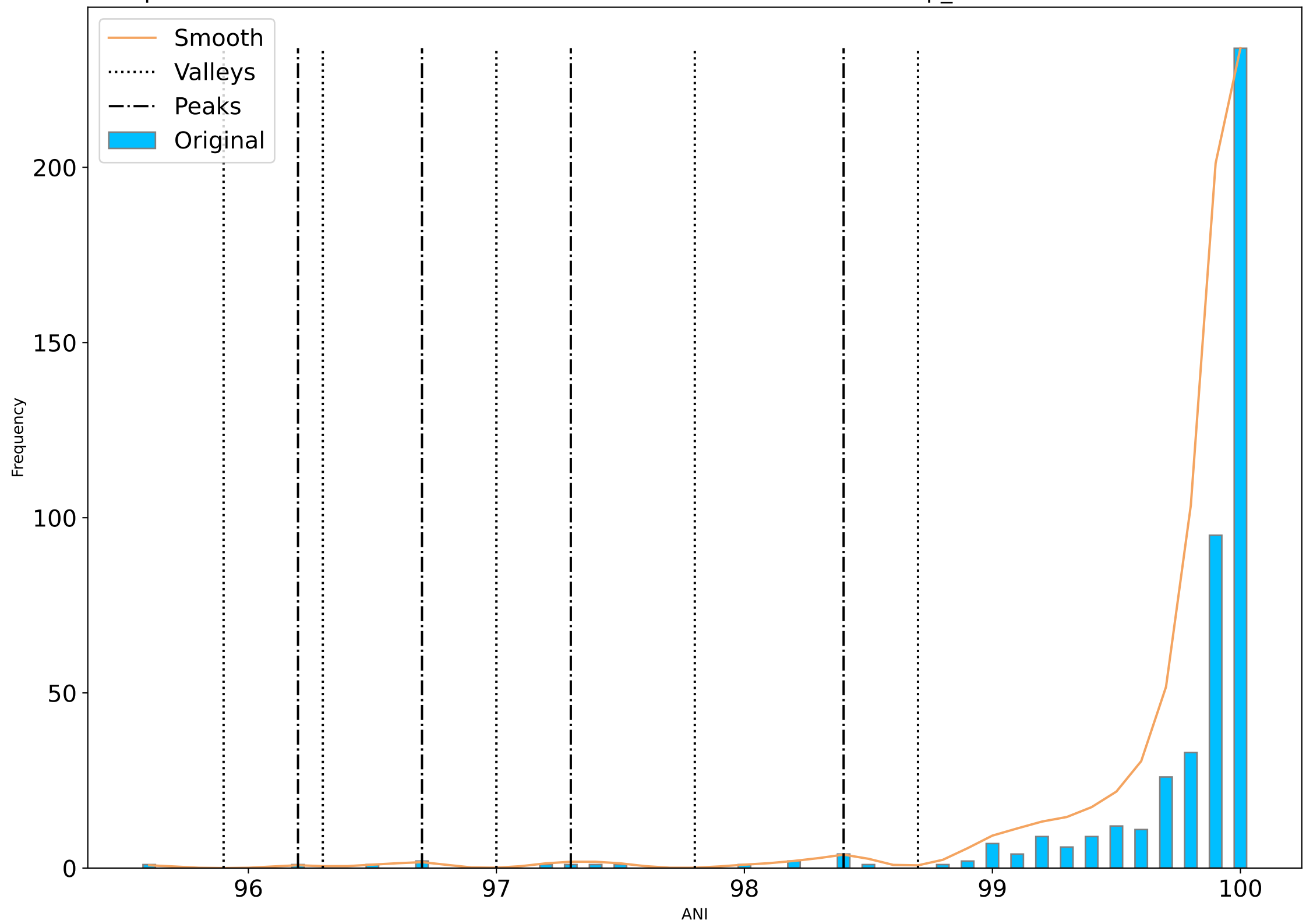


Species_260

Group 2

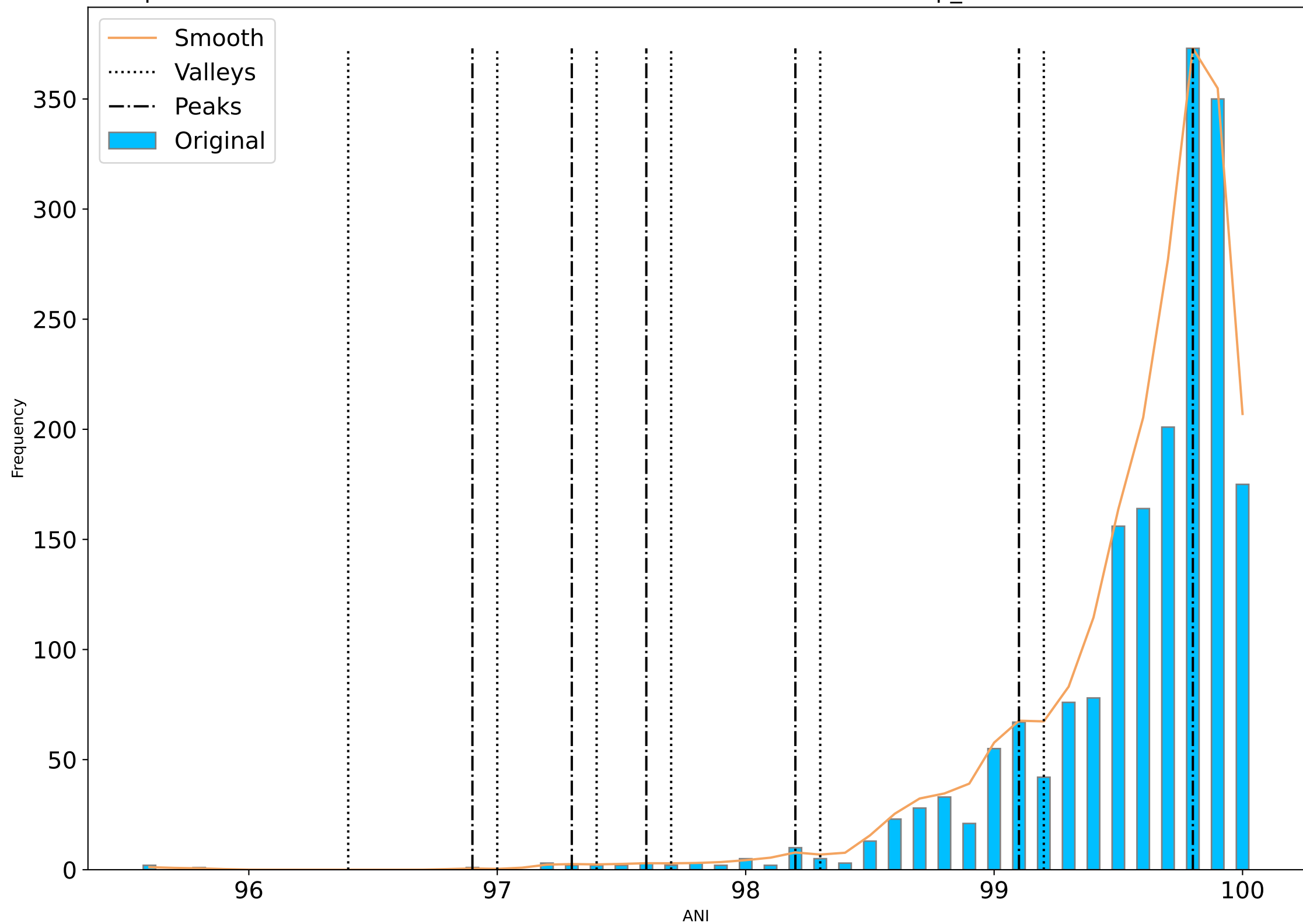
Norm_test 1.1733843577703947e-99

Dip_test 1.681756164106929e-06



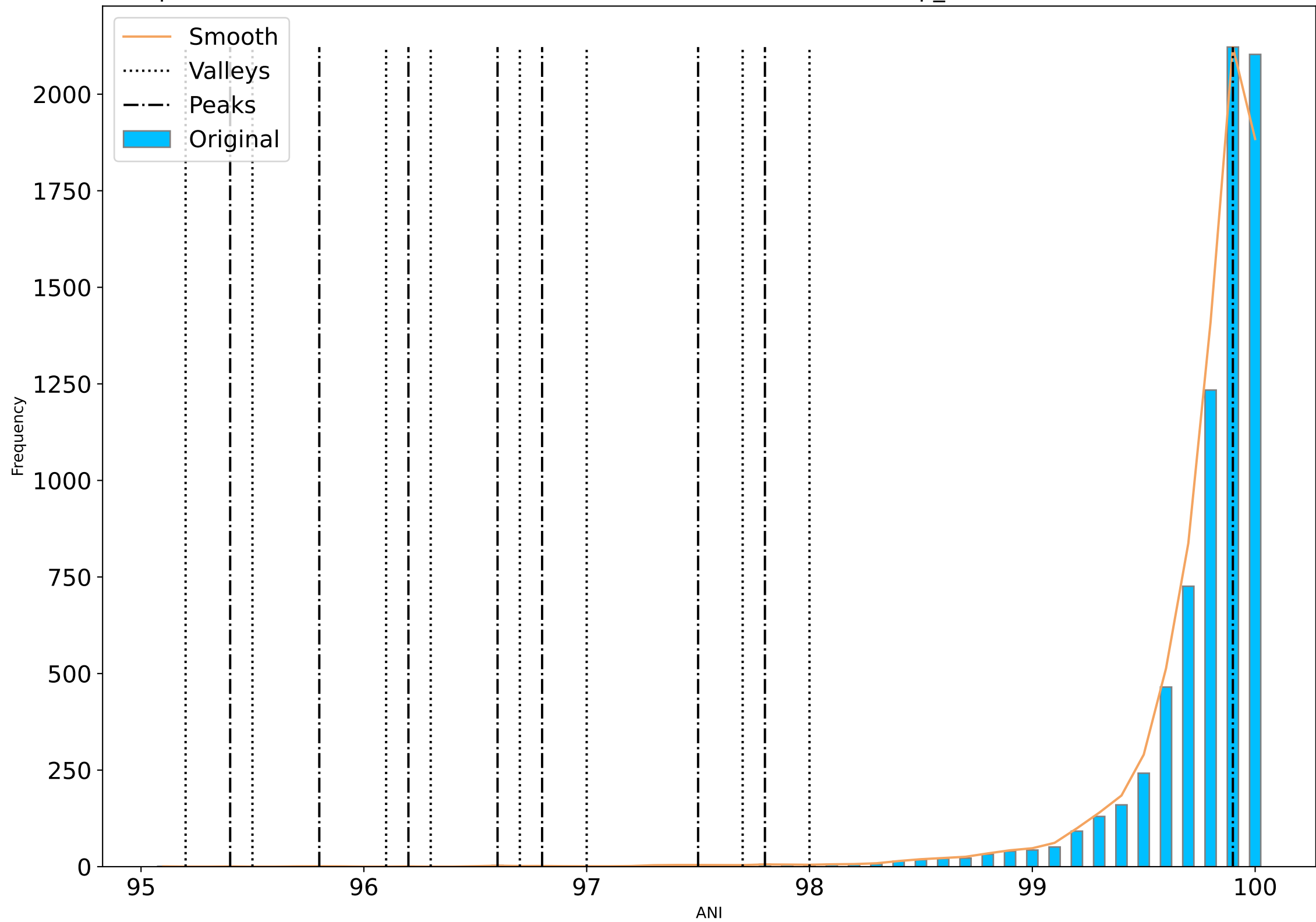
Species_261
Group 2

Norm_test 2.130035859986441e-249
Dip_test 0.006069121954166201



Species_263
Group 2

Norm_test 0.0
Dip_test 0.00012383855449804582

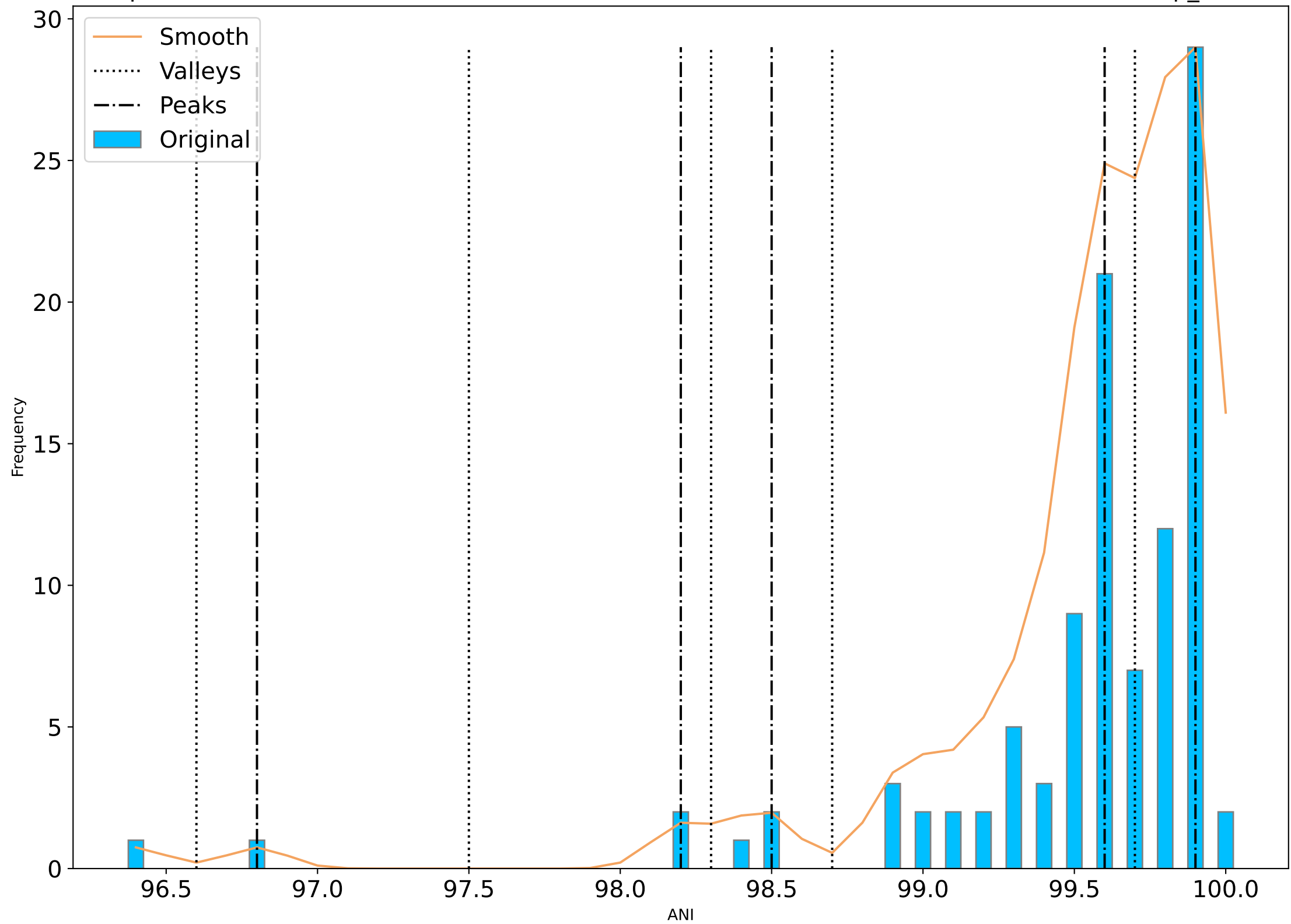


Species_264

Group 2

Norm_test 3.3061207035906256e-22

Dip_test 0.0

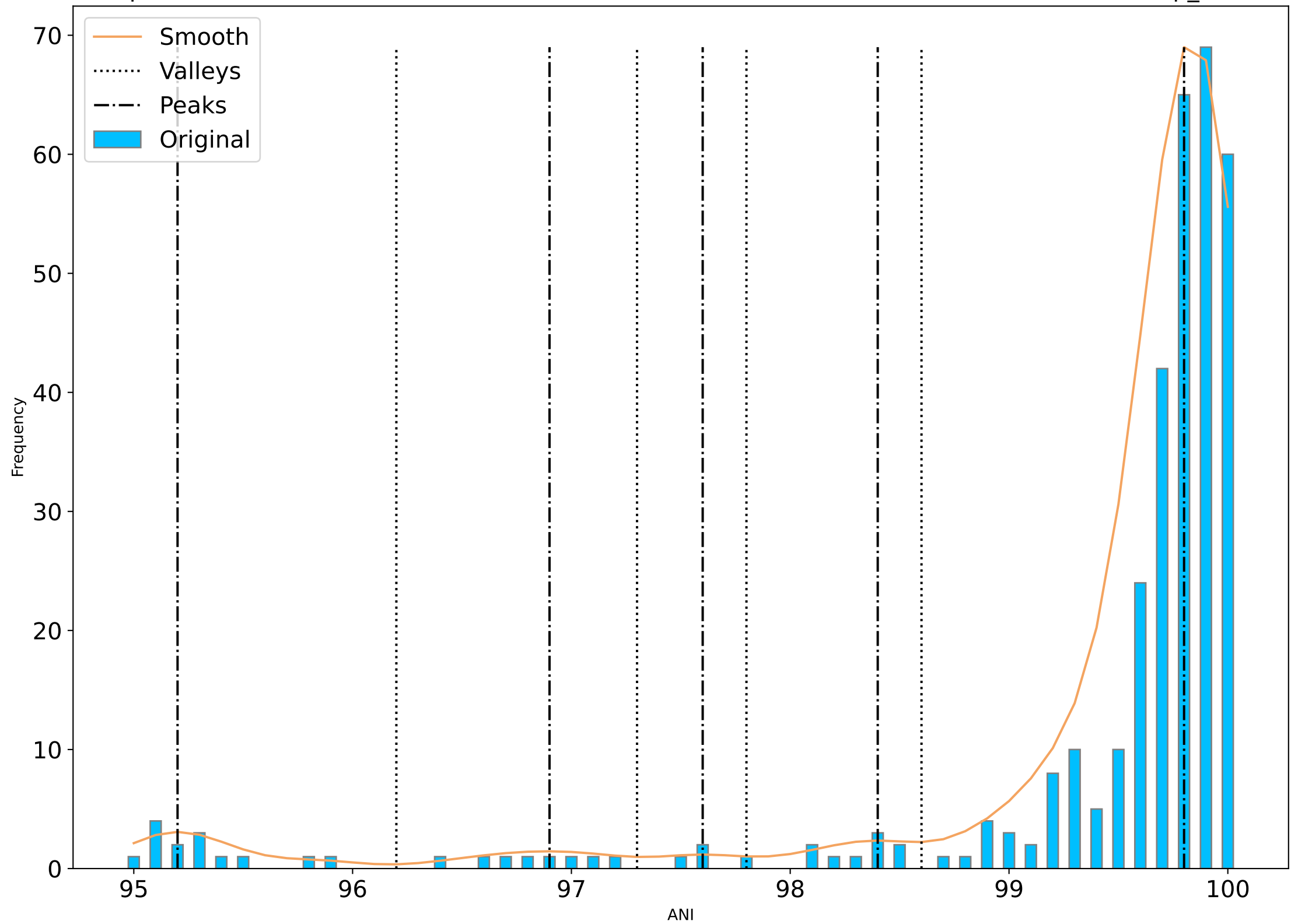


Species_266

Group 3

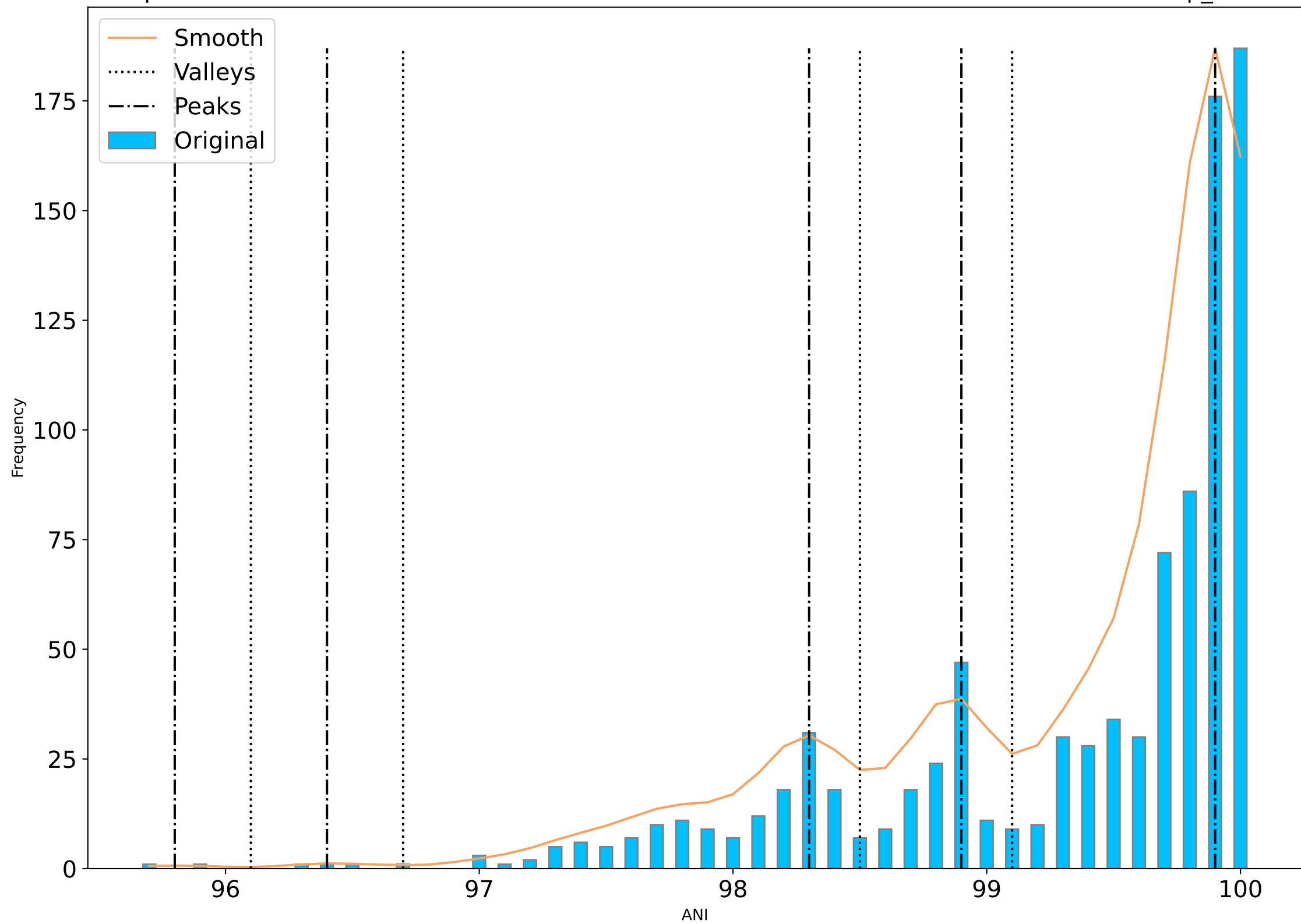
Norm_test 3.796660851004191e-51

Dip_test 0.0



Species_267
Group 1

Norm_test 1.9192086143484607e-48
Dip_test 0.0

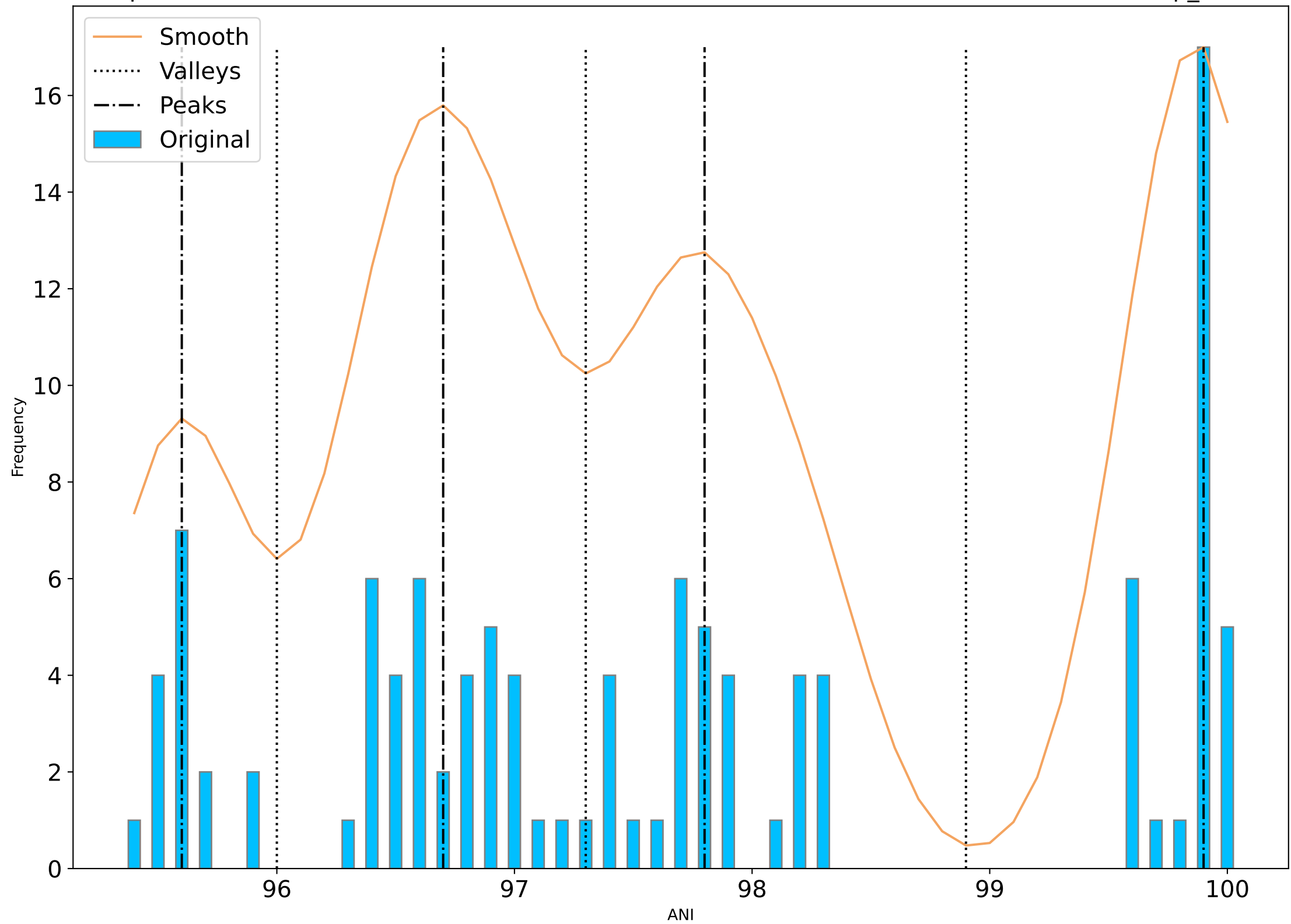


Species_269

Group 1

Norm_test 4.146610966418241e-09

Dip_test 0.0

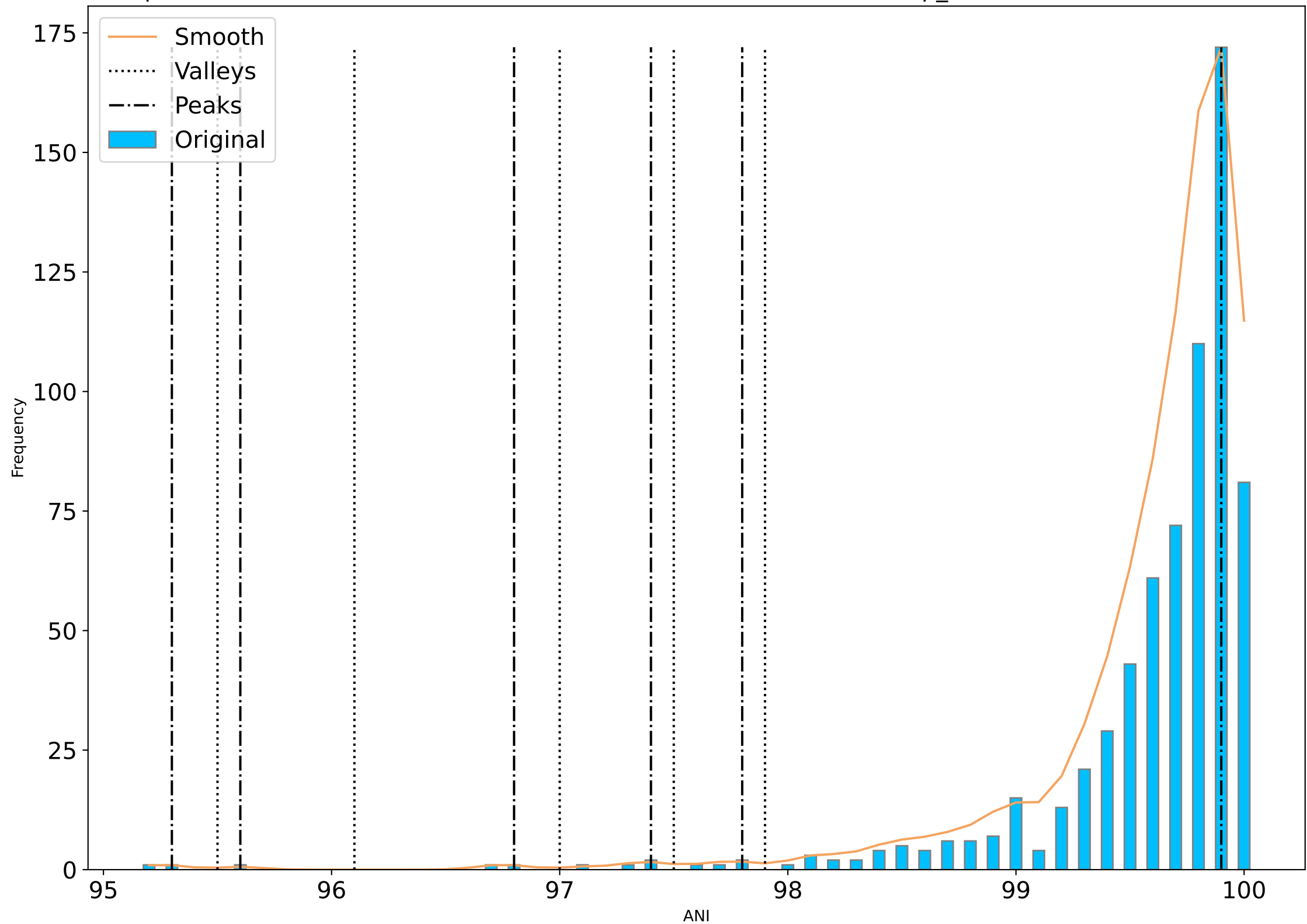


Species_271

Group 2

Norm_test 2.363876953907648e-125

Dip_test 0.0011566624173373619

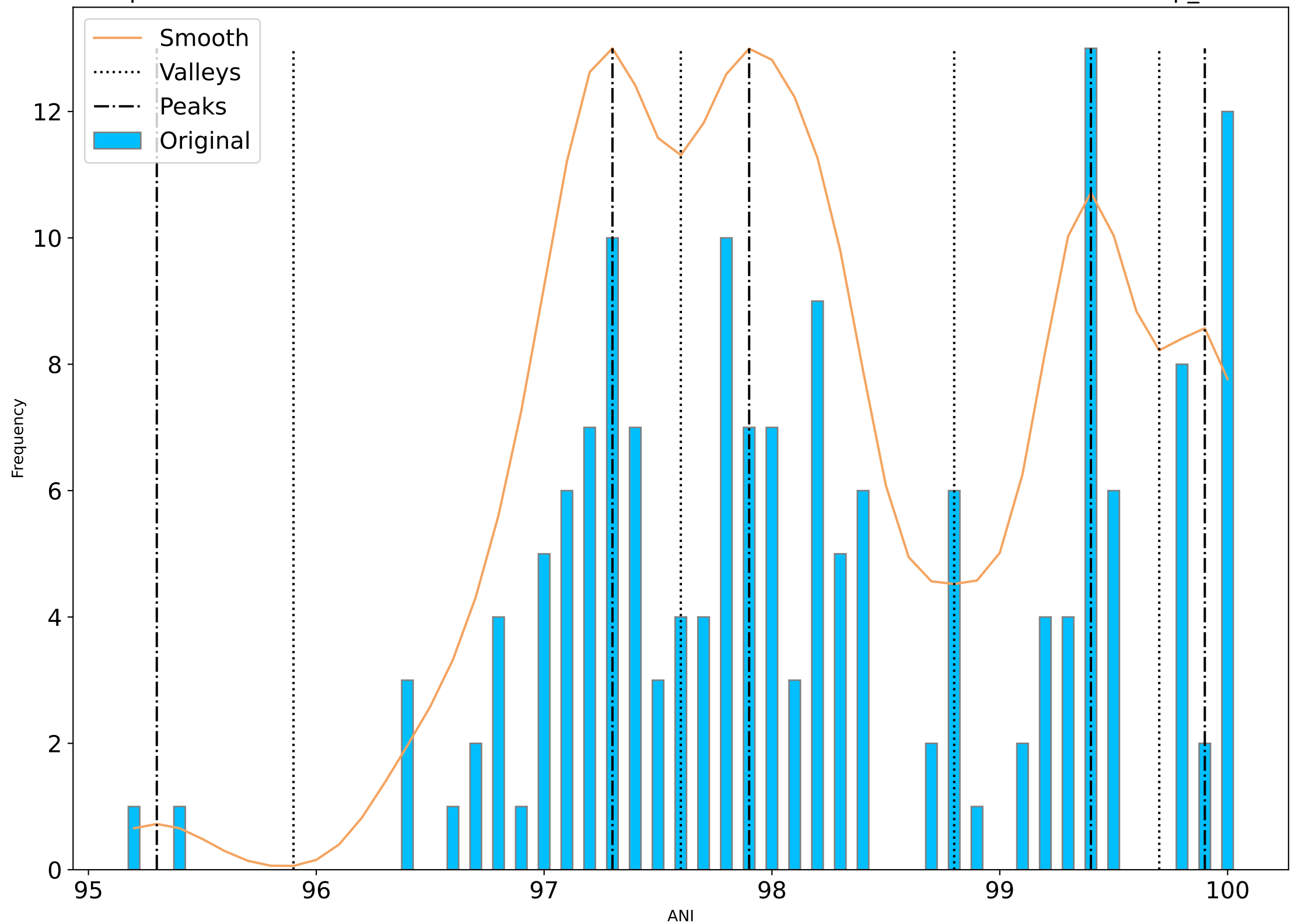


Species_272

Group 1

Norm_test 0.01013673310082514

Dip_test 0.0

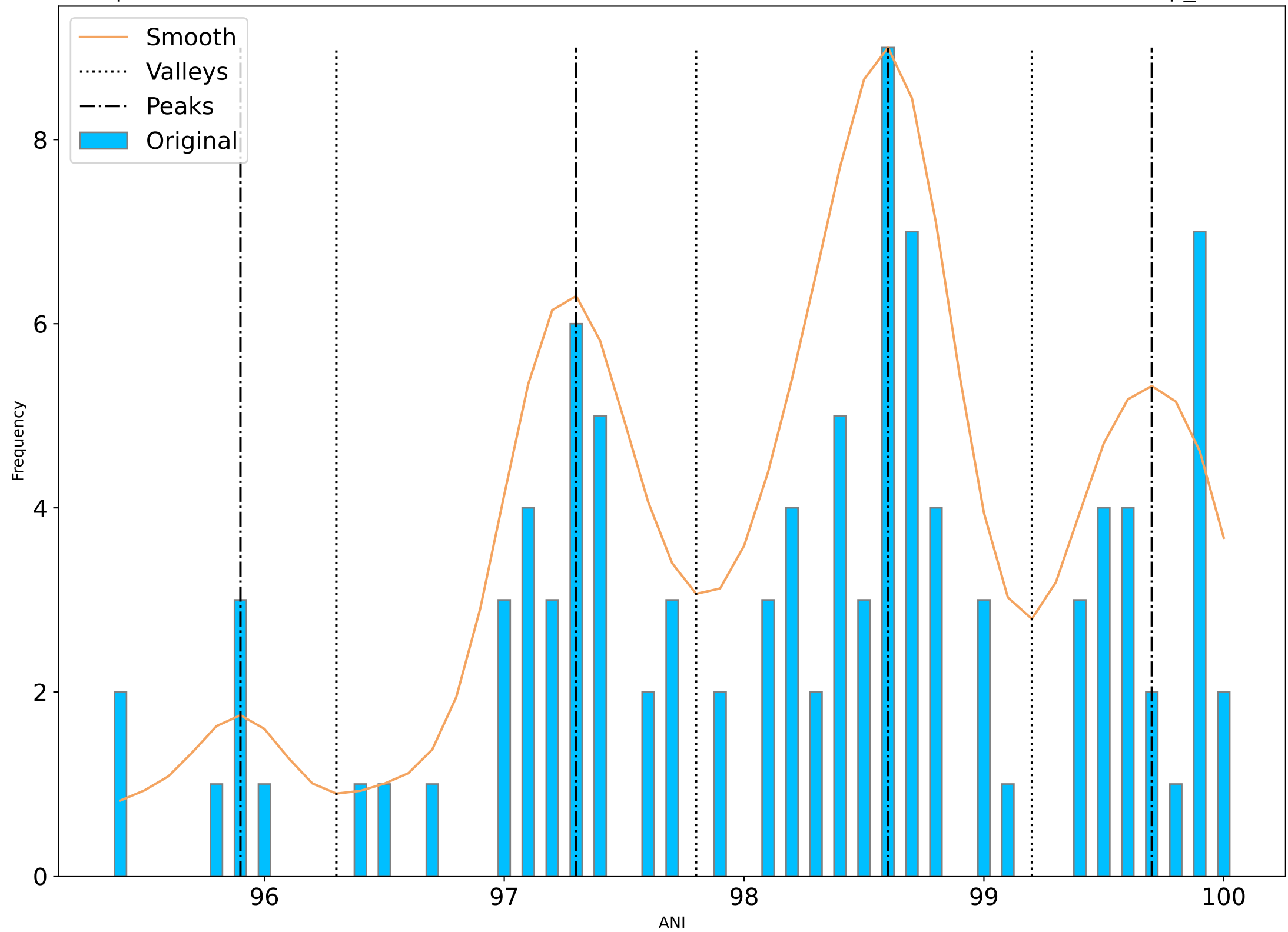


Species_273

Group 3

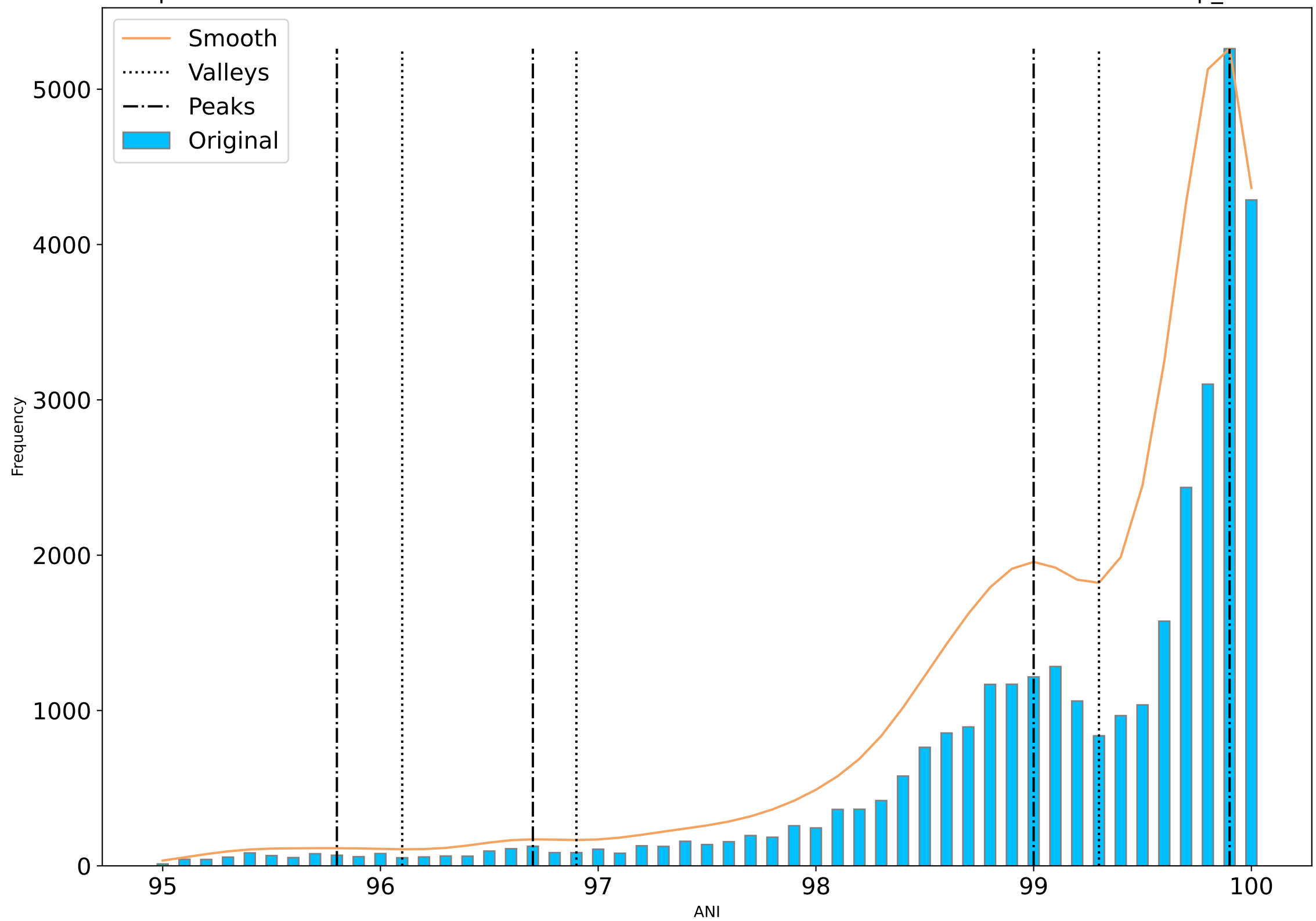
Norm_test 0.1248141708743521

Dip_test 0.0



Species_274
Group 1

Norm_test 0.0
Dip_test 0.0

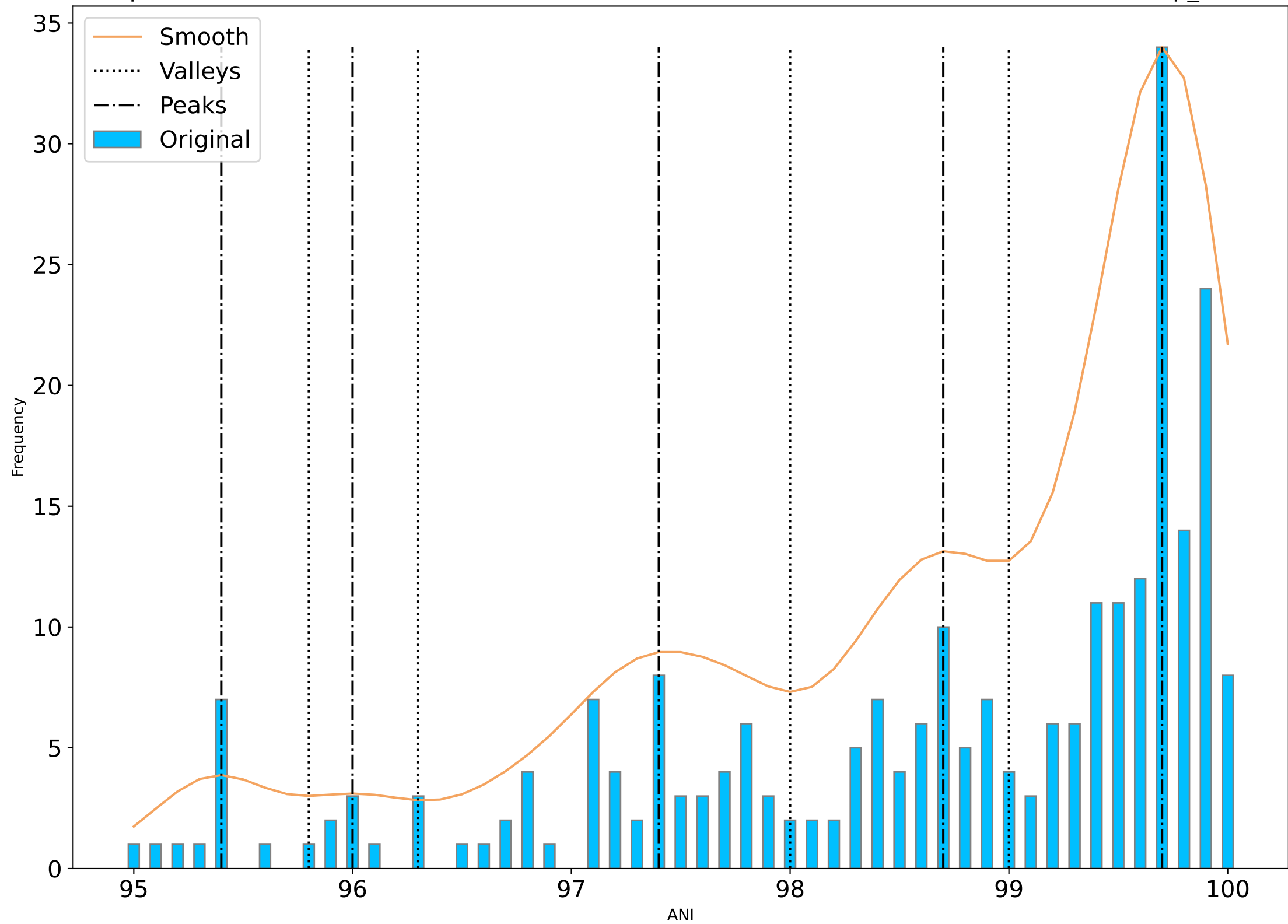


Species_275

Group 1

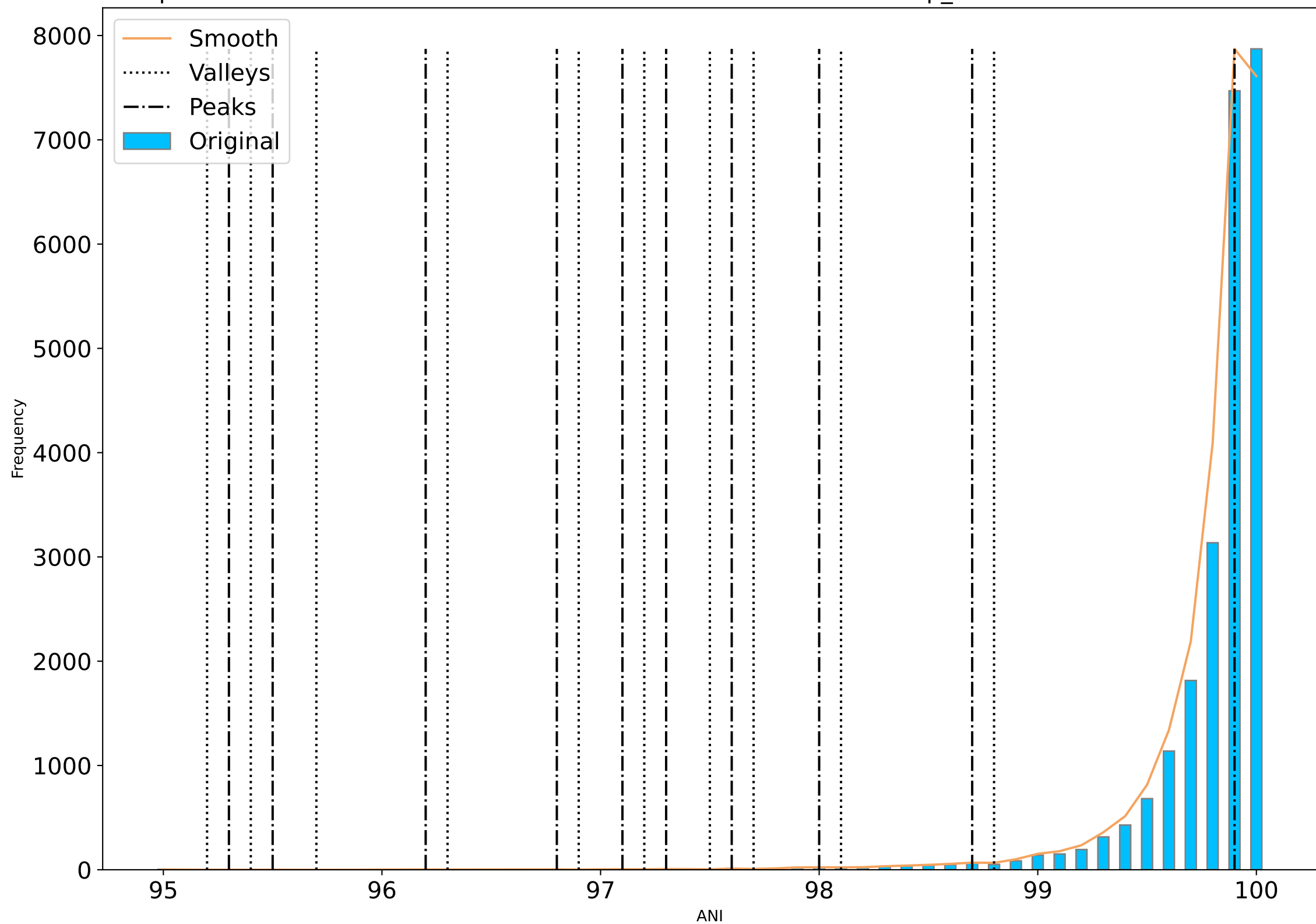
Norm_test 2.47123619759377e-08

Dip_test 0.0



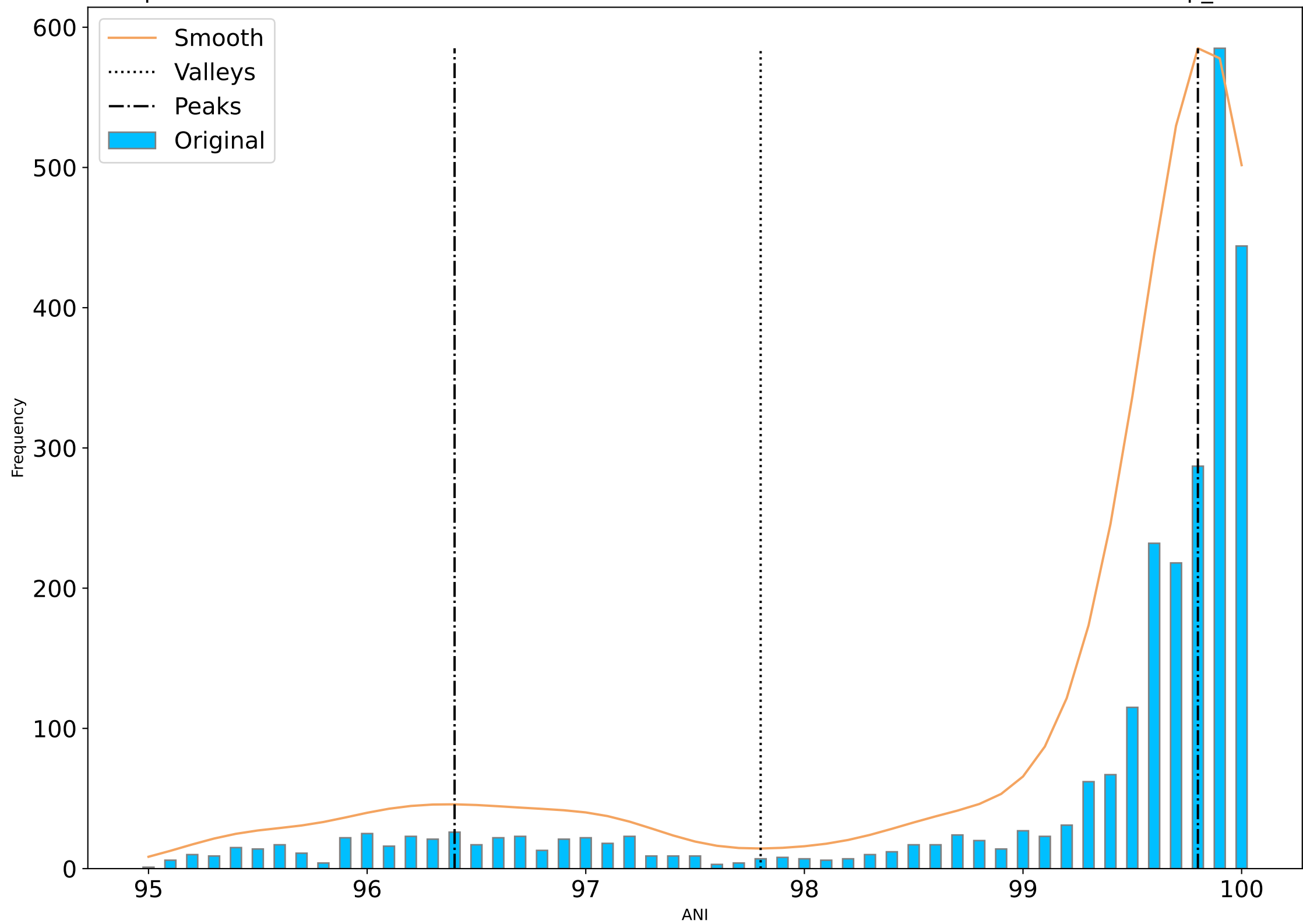
Species_277
Group 2

Norm_test 0.0
Dip_test 2.5812055902796338e-05



Species_279
Group 3

Norm_test 1.8086516599243198e-175
Dip_test 0.0

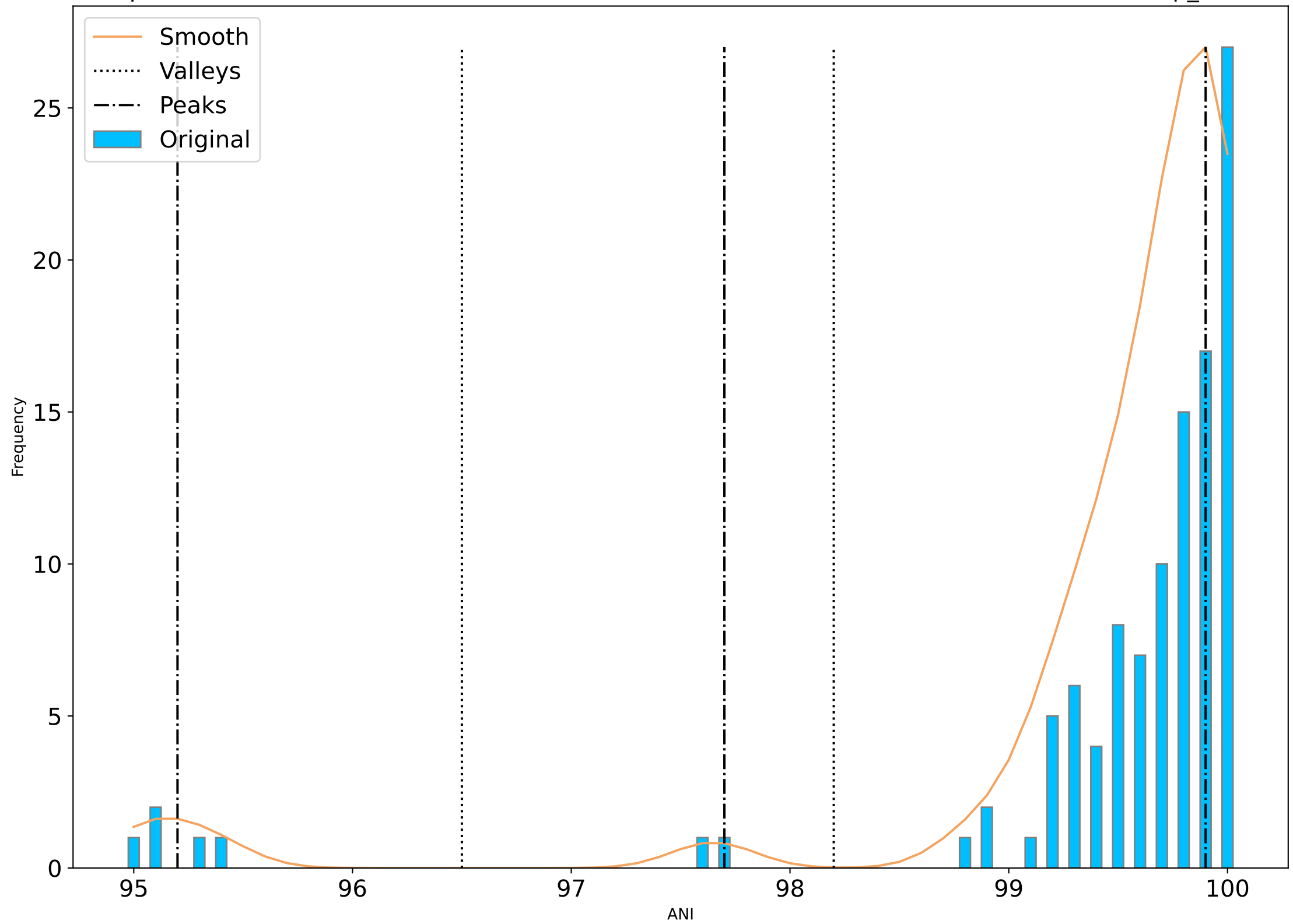


Species_280

Group 3

Norm_test 1.1176524621147215e-23

Dip_test 0.0

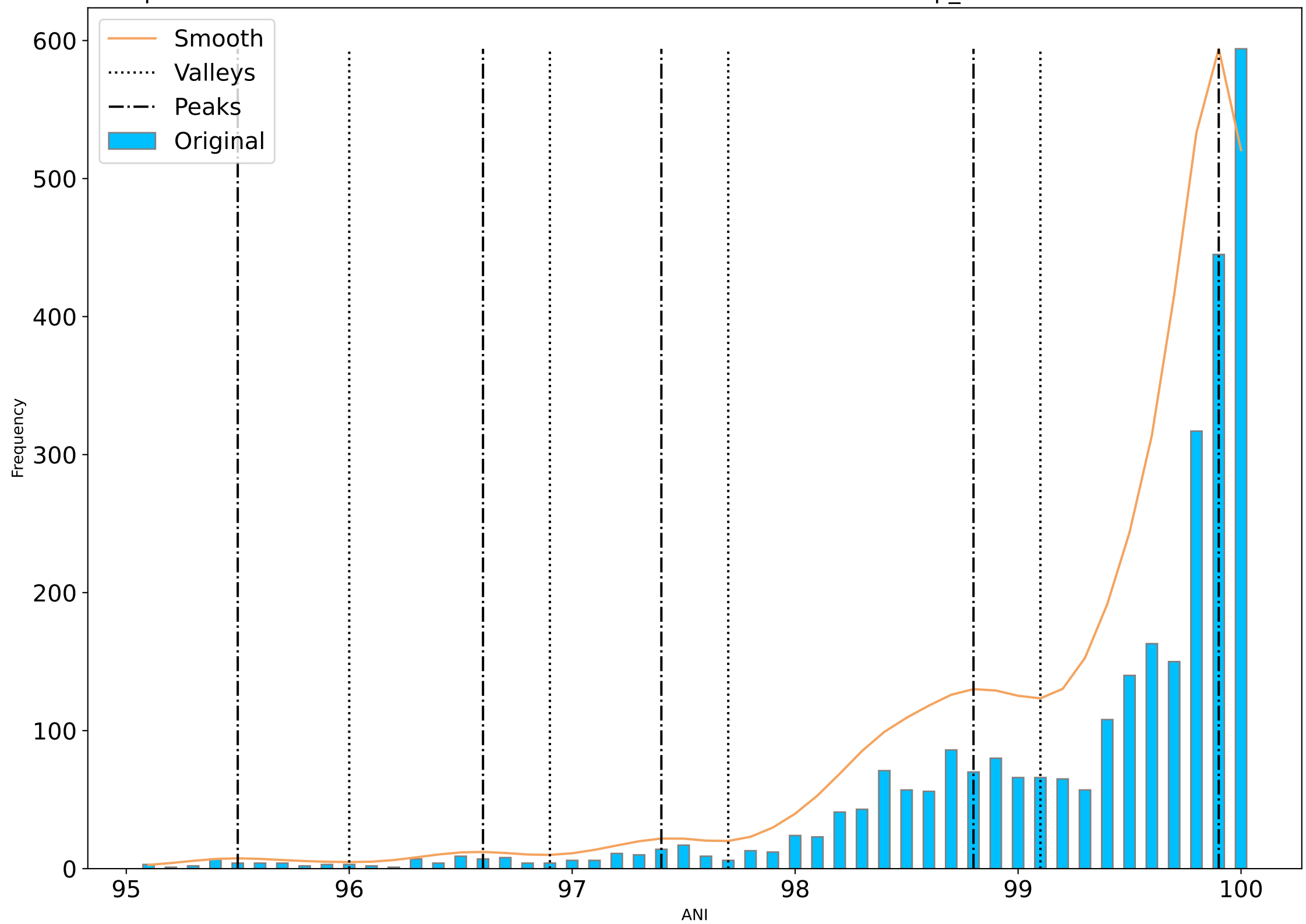


Species_281

Group 1

Norm_test 5.891408187070364e-258

Dip_test 0.023348094897360228

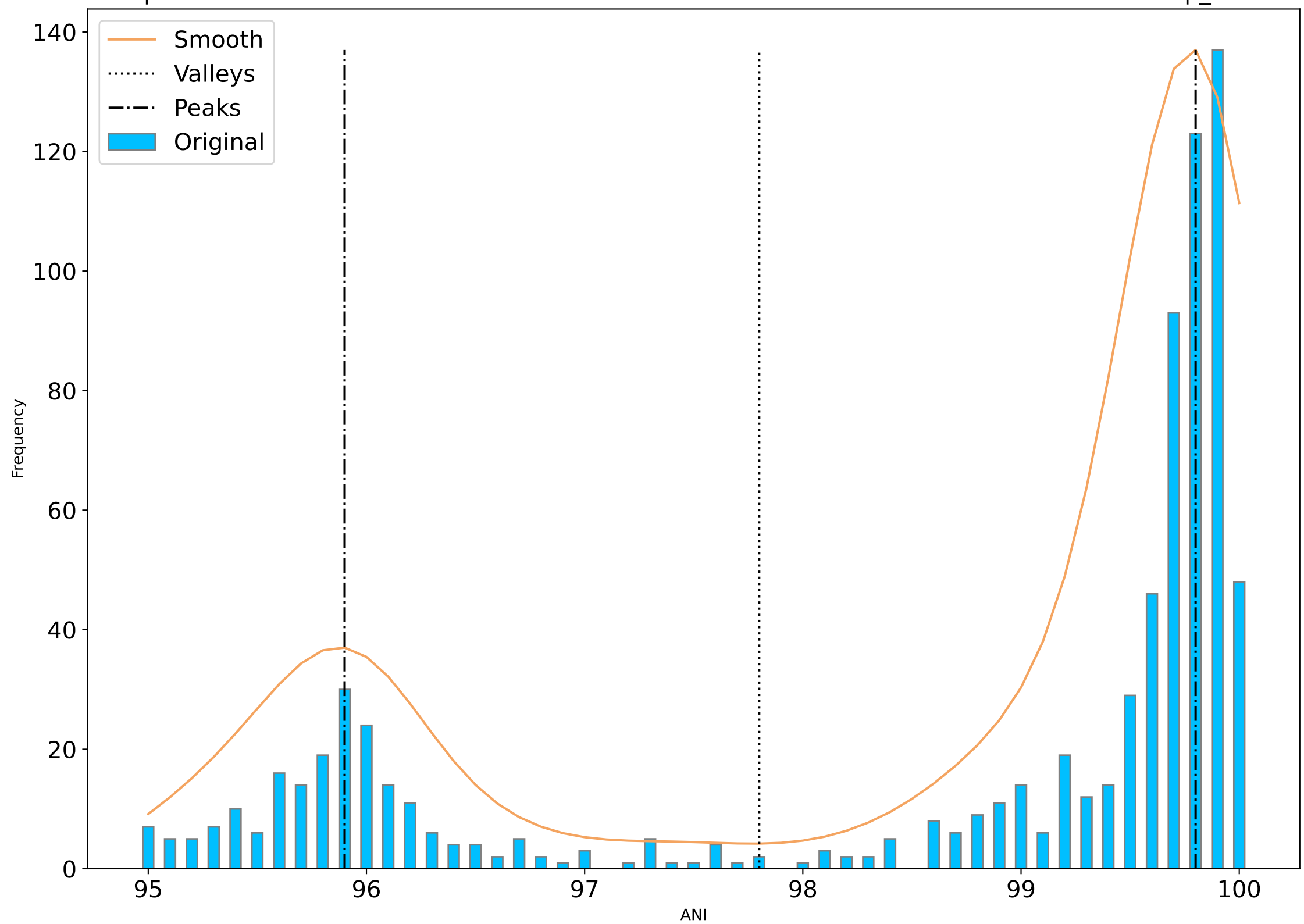


Species_282

Group 3

Norm_test 3.234950233390798e-30

Dip_test 0.0

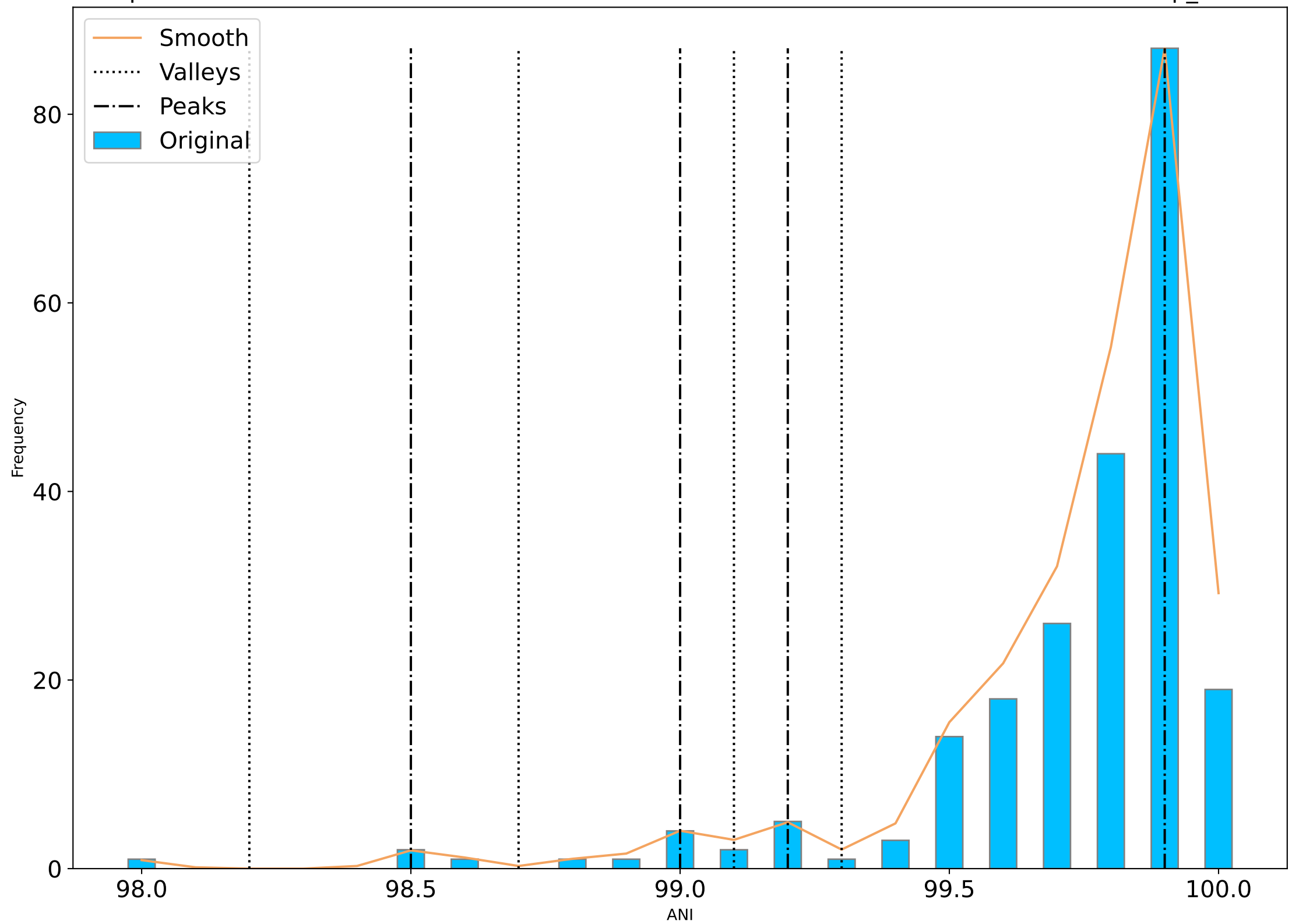


Species_284

Group 2

Norm_test 1.4211147081834185e-33

Dip_test 0.0

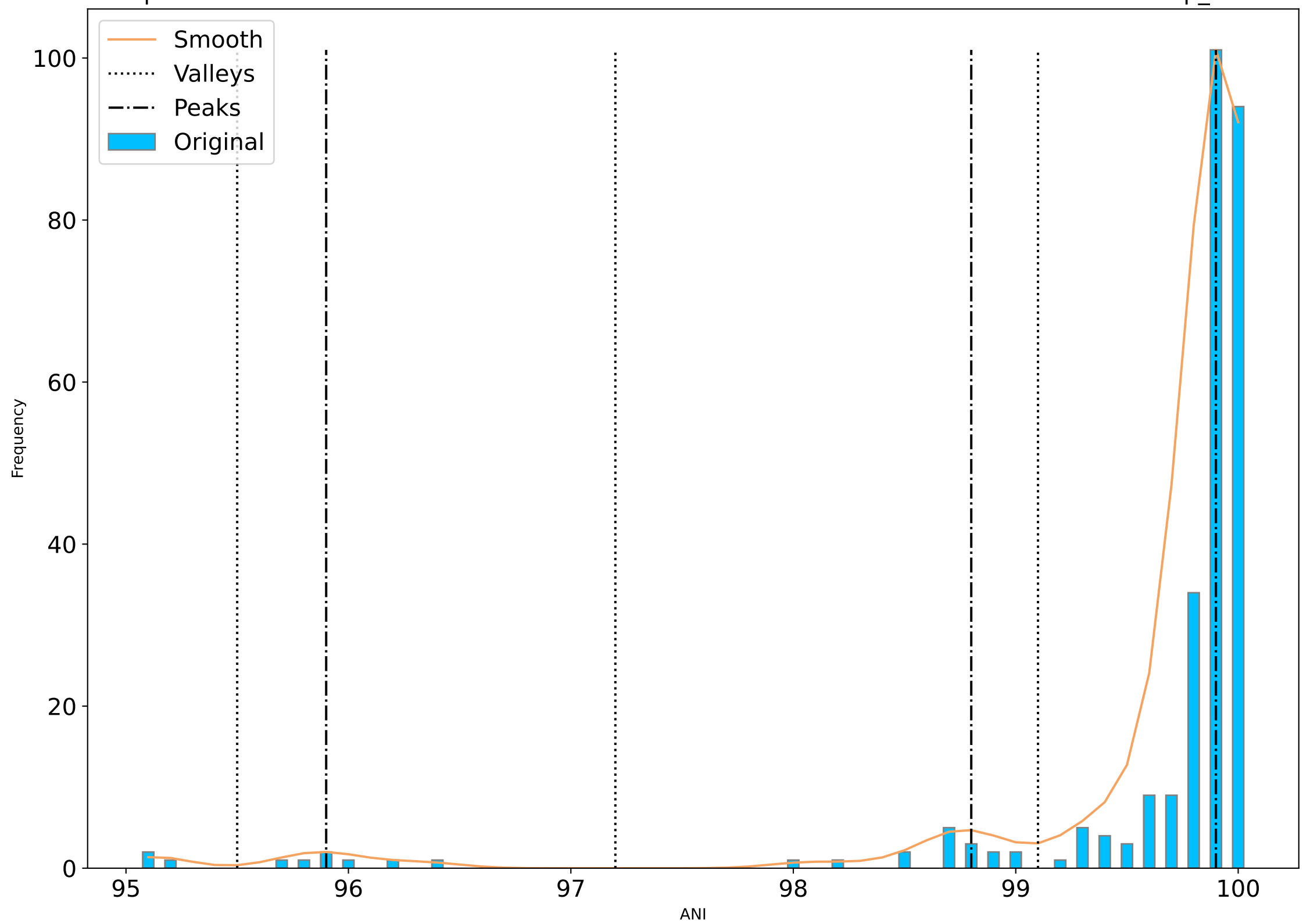


Species_286

Group 2

Norm_test 1.2393926495093268e-59

Dip_test 0.0

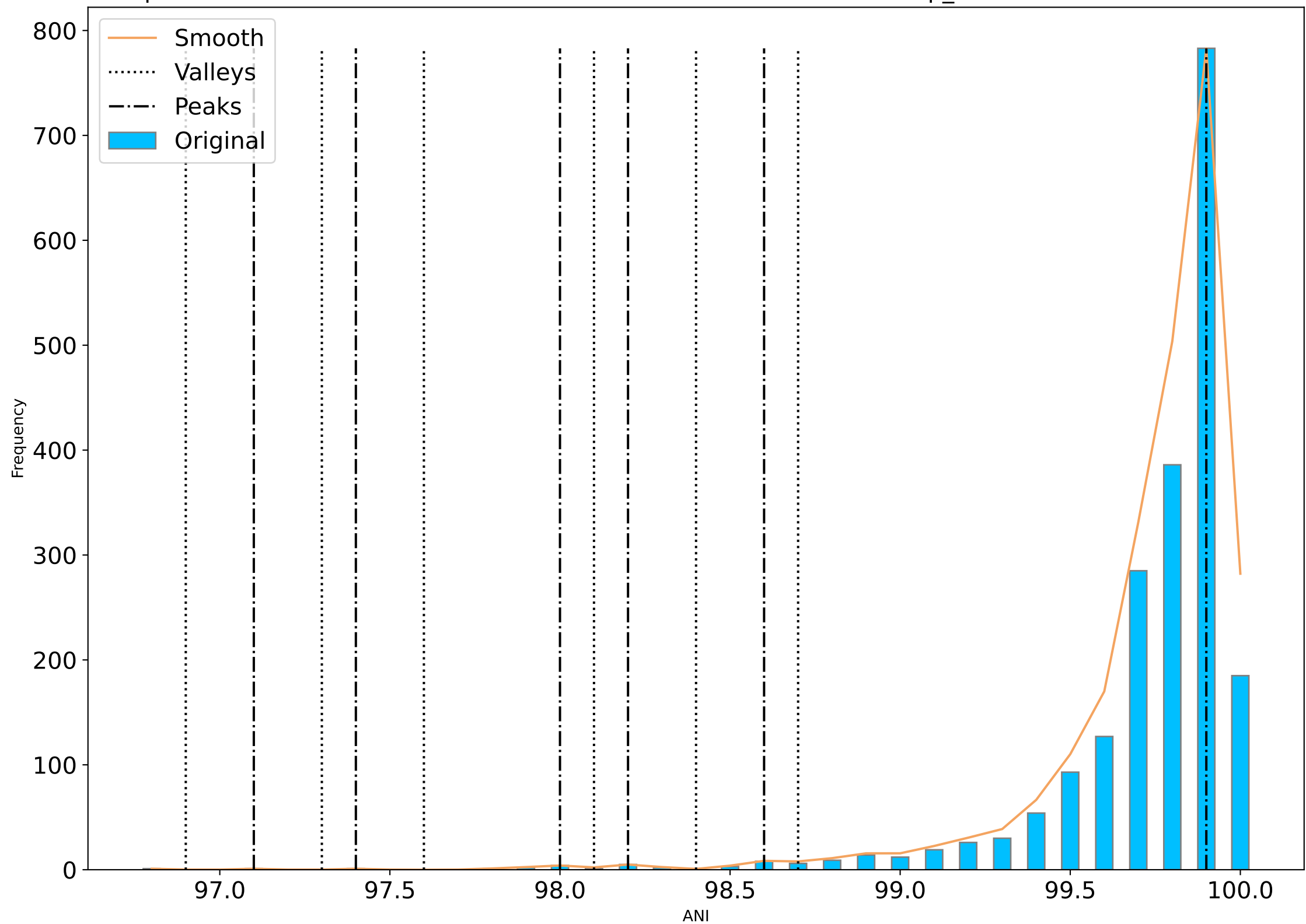


Species_291

Group 2

Norm_test 0.0

Dip_test 1.562651943398663e-05

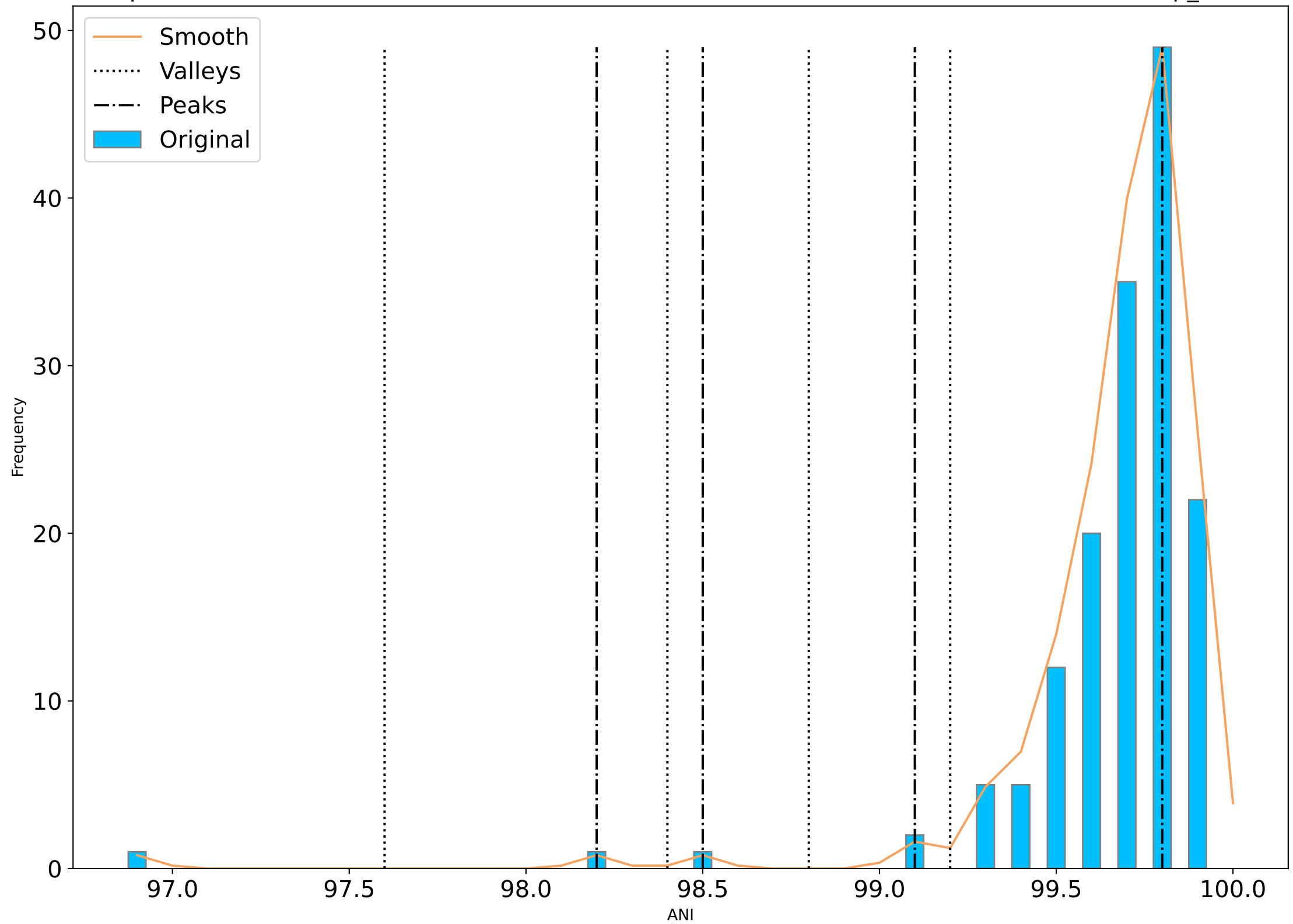


Species_292

Group 2

Norm_test 2.894861713002957e-46

Dip_test 0.0

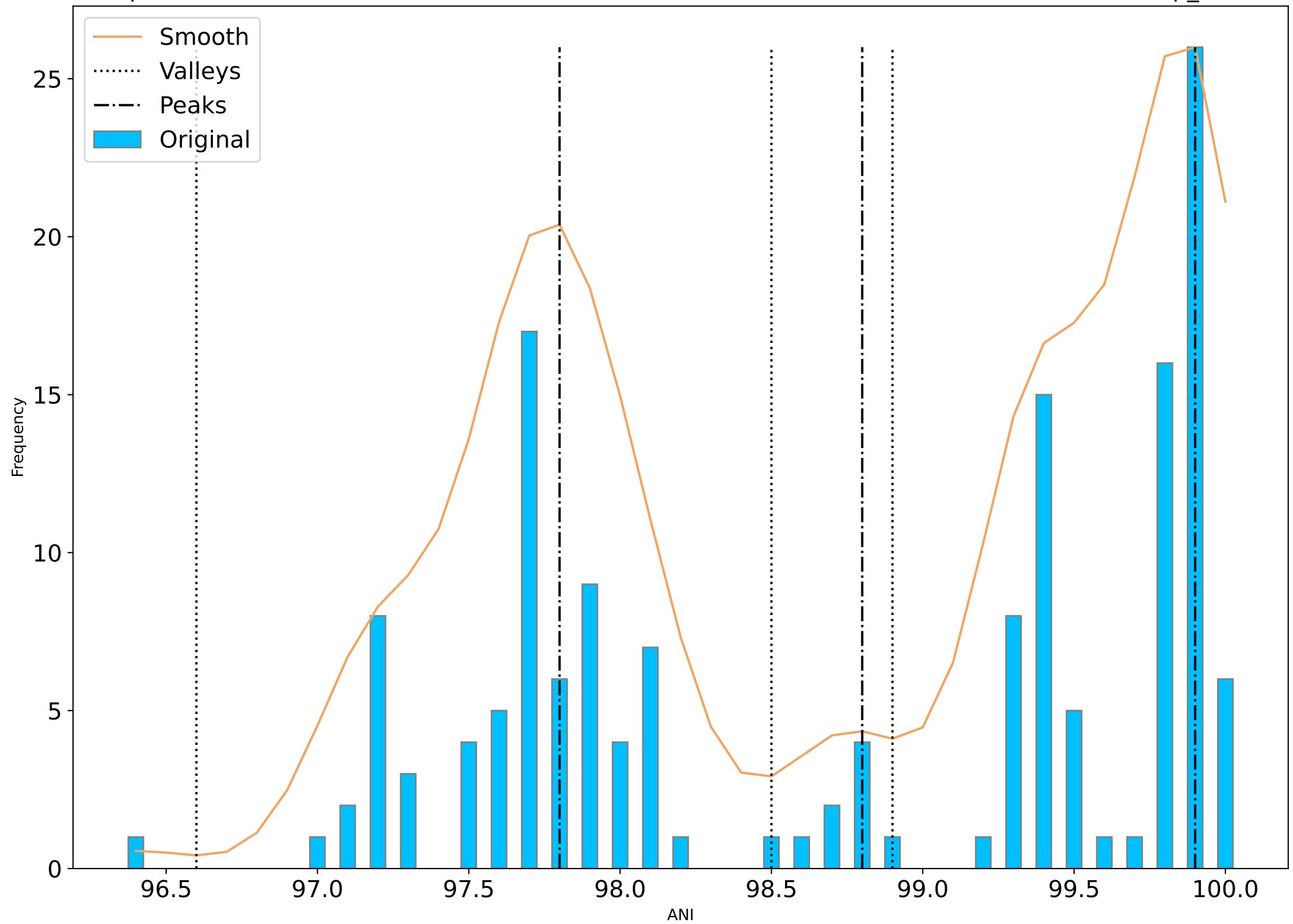


Species_293

Group 1

Norm_test 0.0

Dip_test 0.0

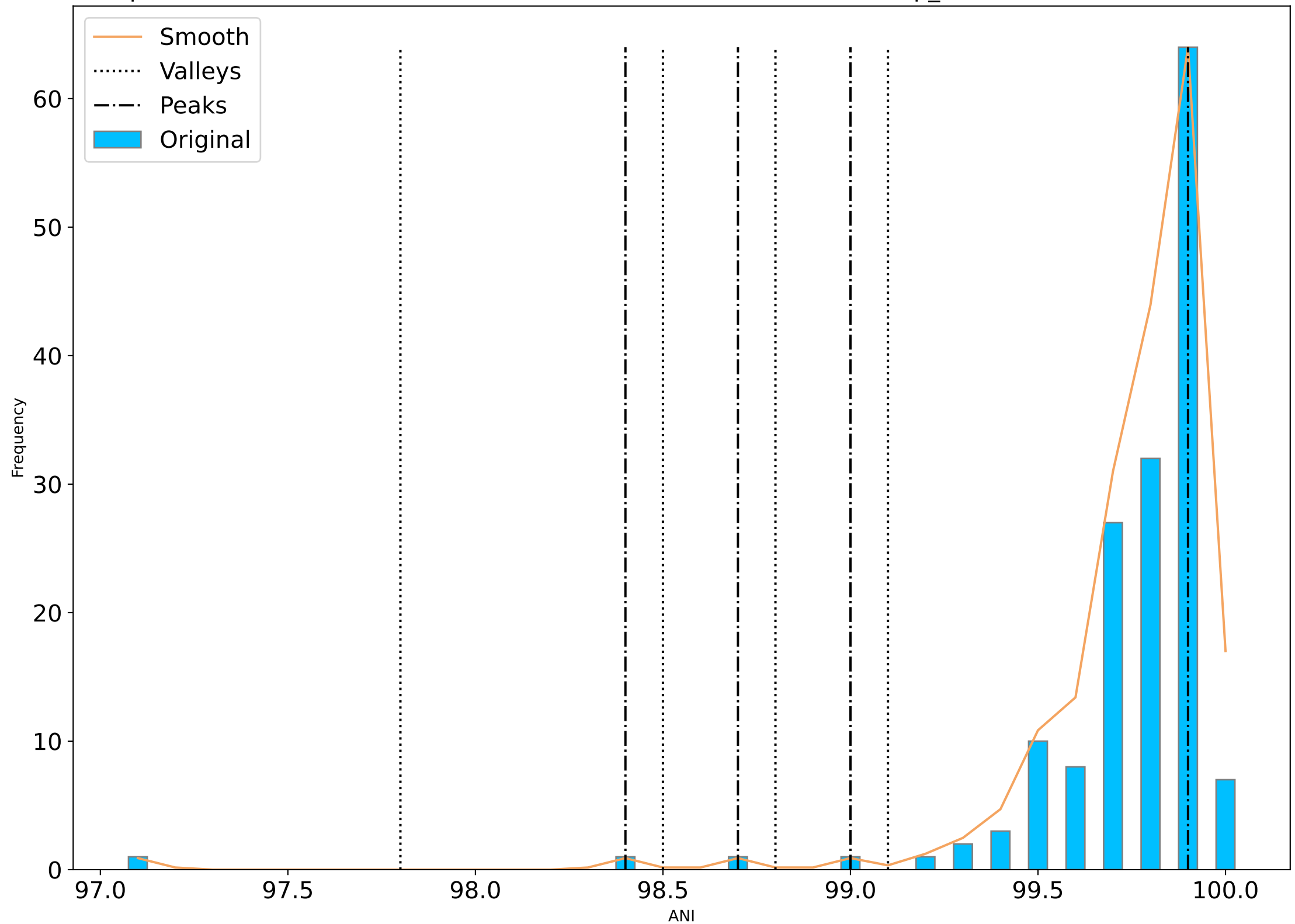


Species_294

Group 2

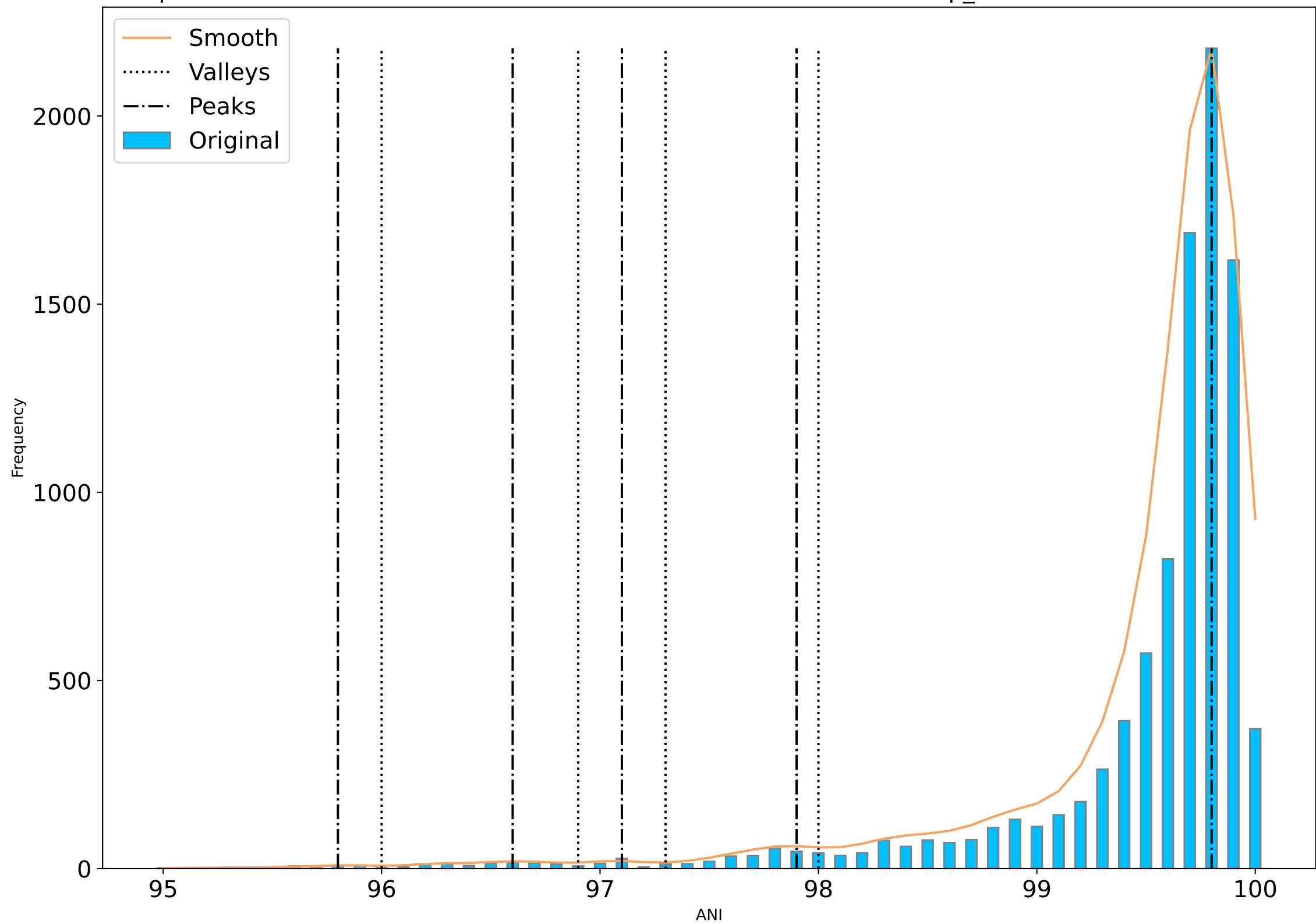
Norm_test 1.6504930081490726e-45

Dip_test 9.4721633333246186e-06



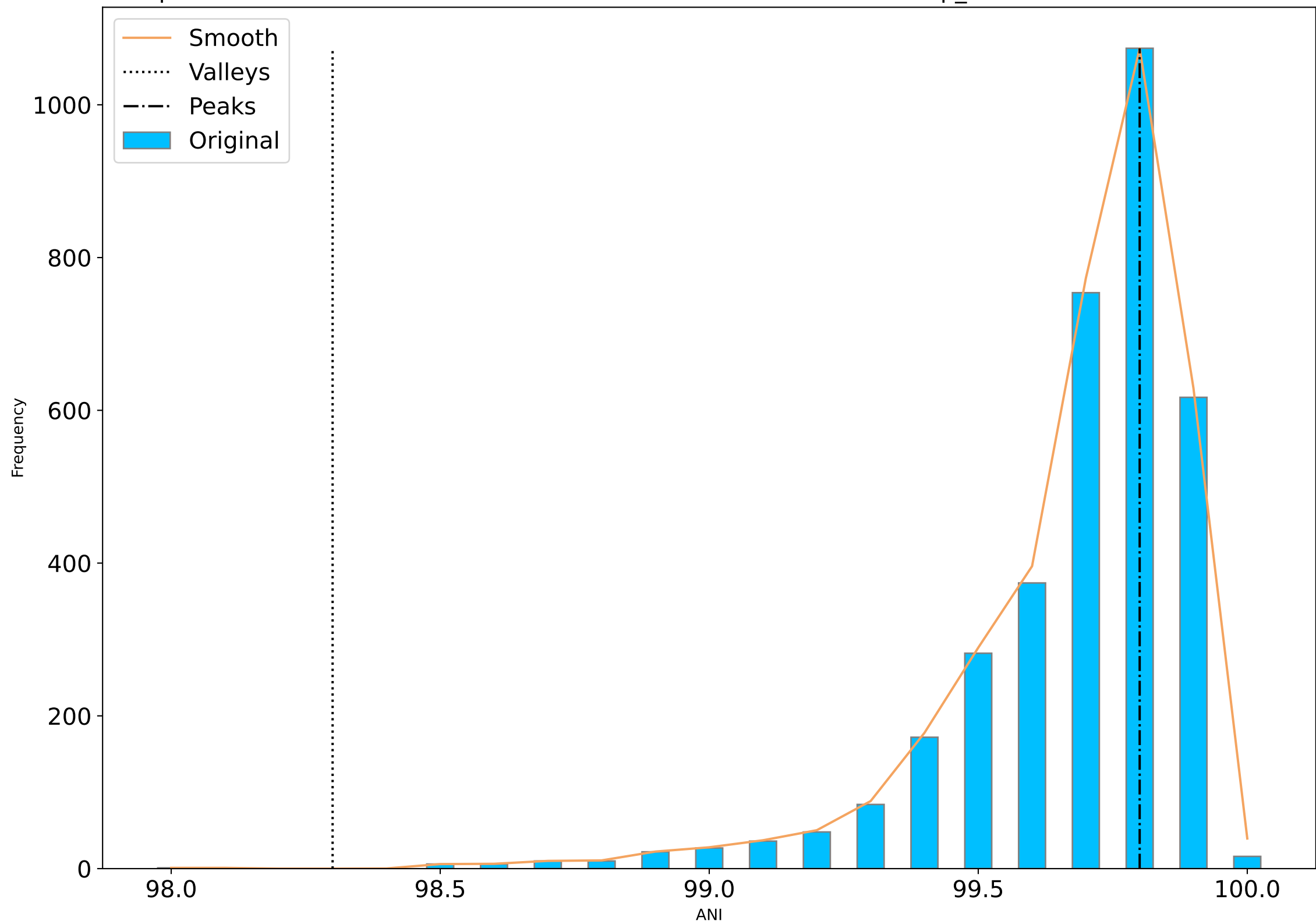
Species_296
Group 2

Norm_test 0.0
Dip_test 0.005157721484925104



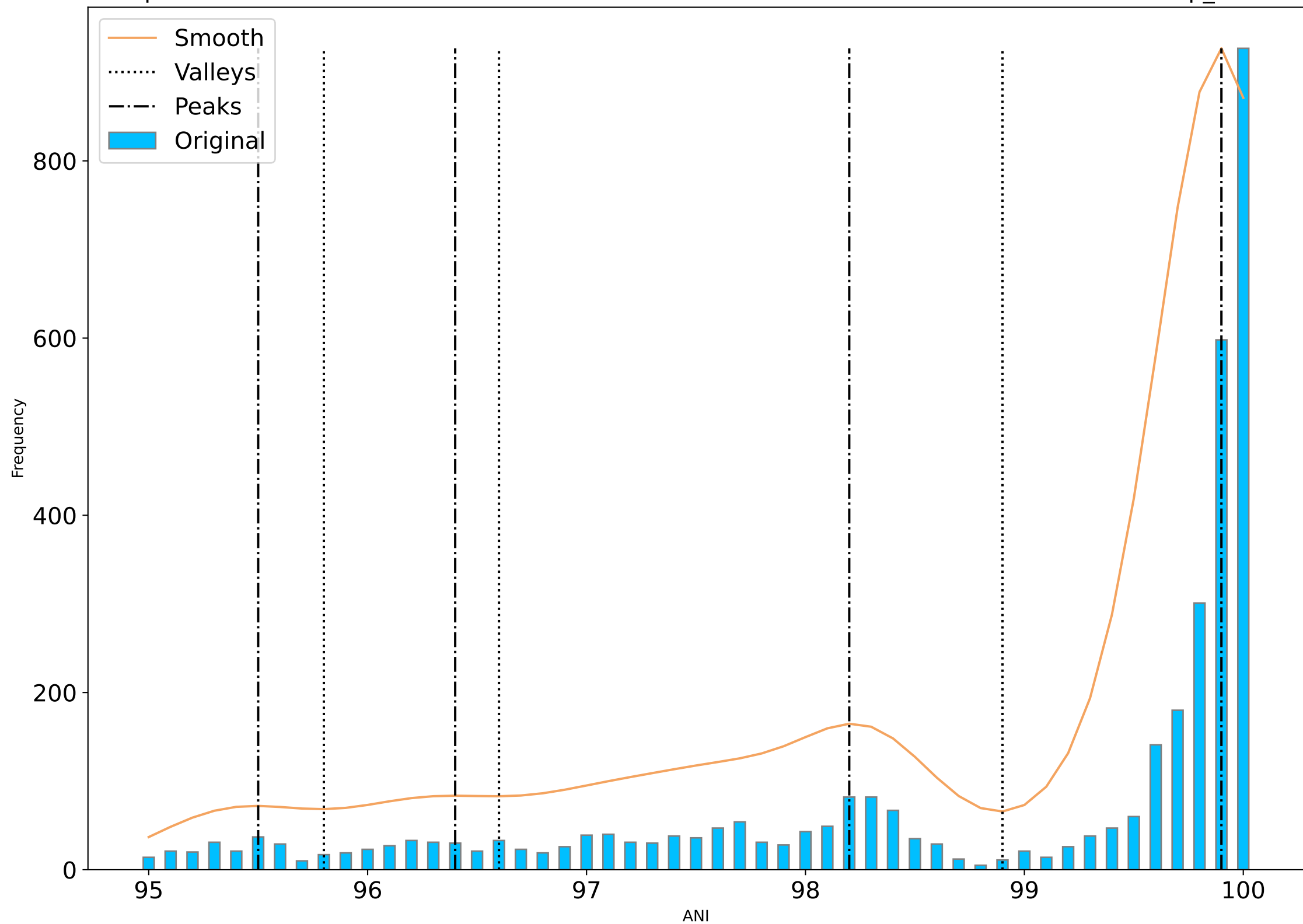
Species_298
Group 2

Norm_test 0.0
Dip_test 1.769043202537457e-05



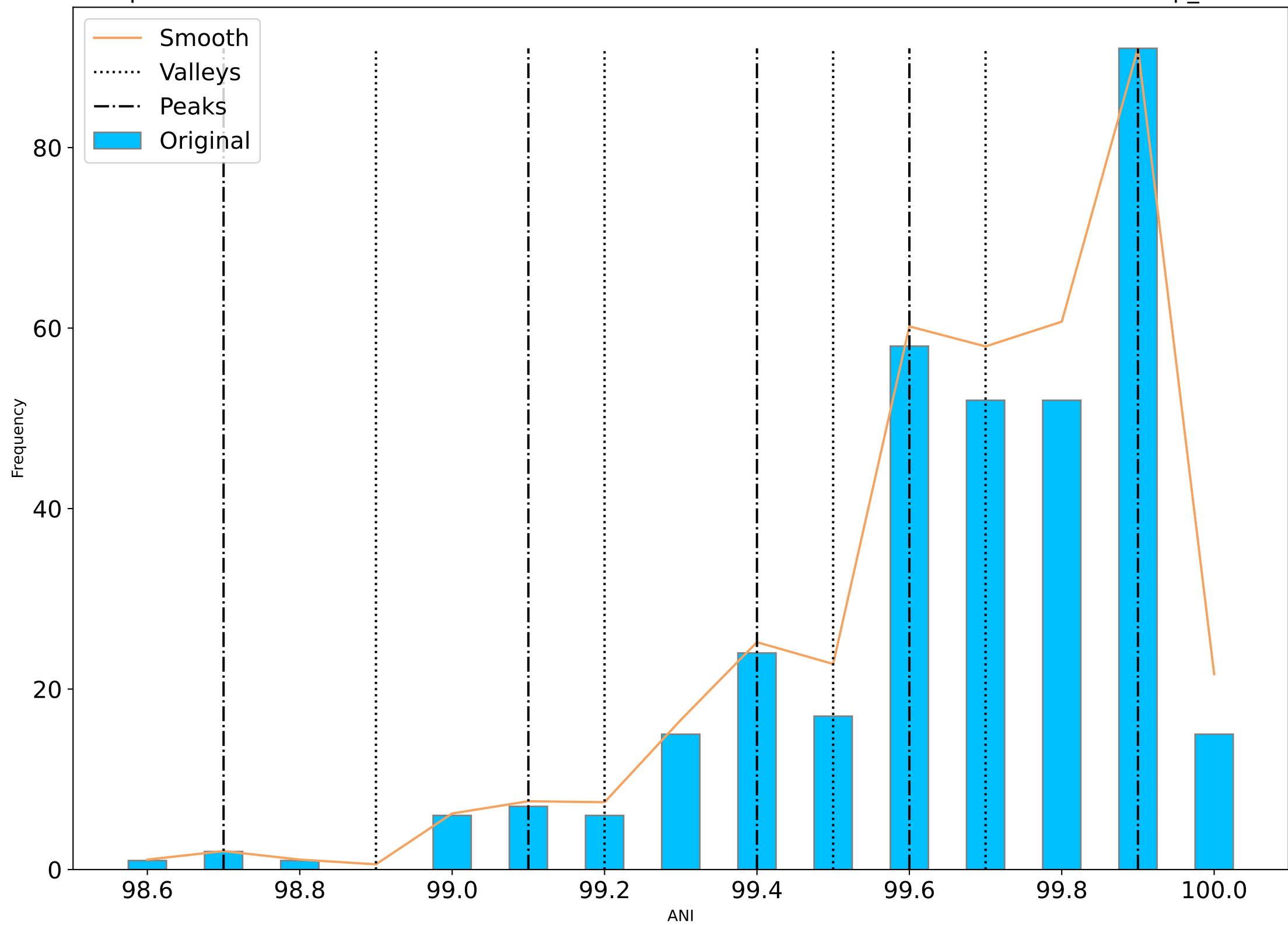
Species_301
Group 1

Norm_test 7.524556120188409e-122
Dip_test 0.0



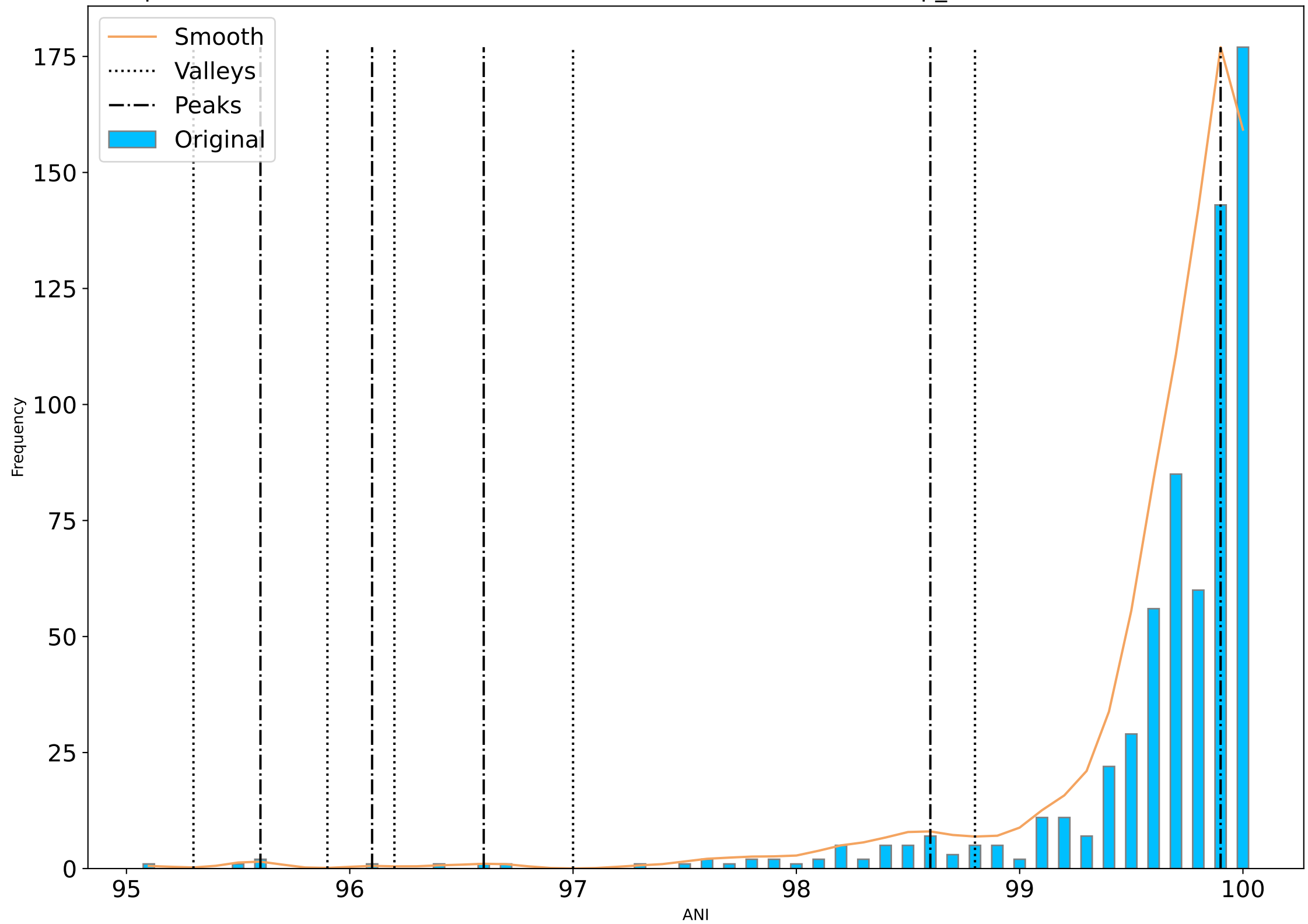
Species_303
Group 2

Norm_test 1.1944332905767487e-18
Dip_test 0.0



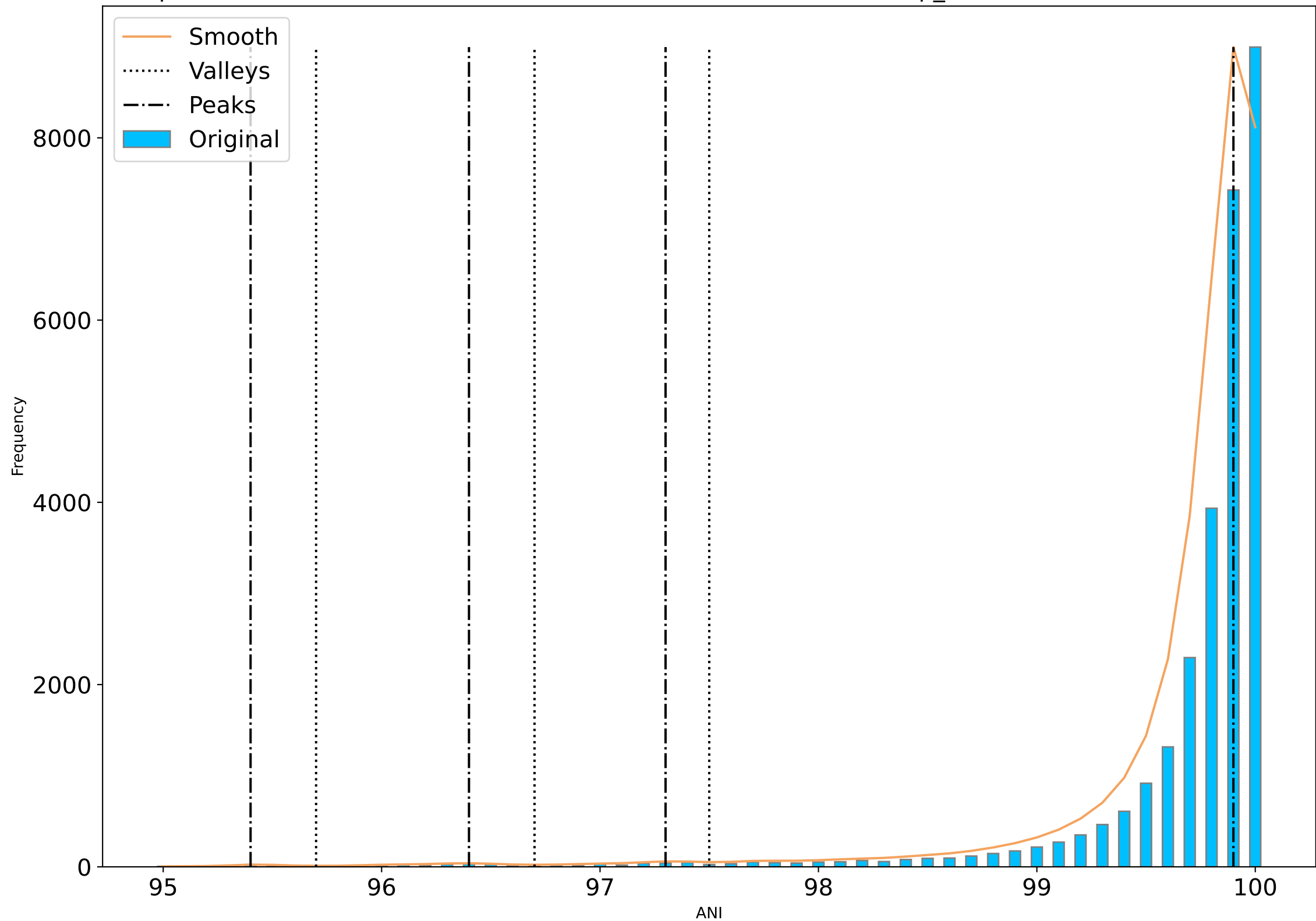
Species_305
Group 2

Norm_test 3.9792614287956596e-122
Dip_test 0.0014183396946639837



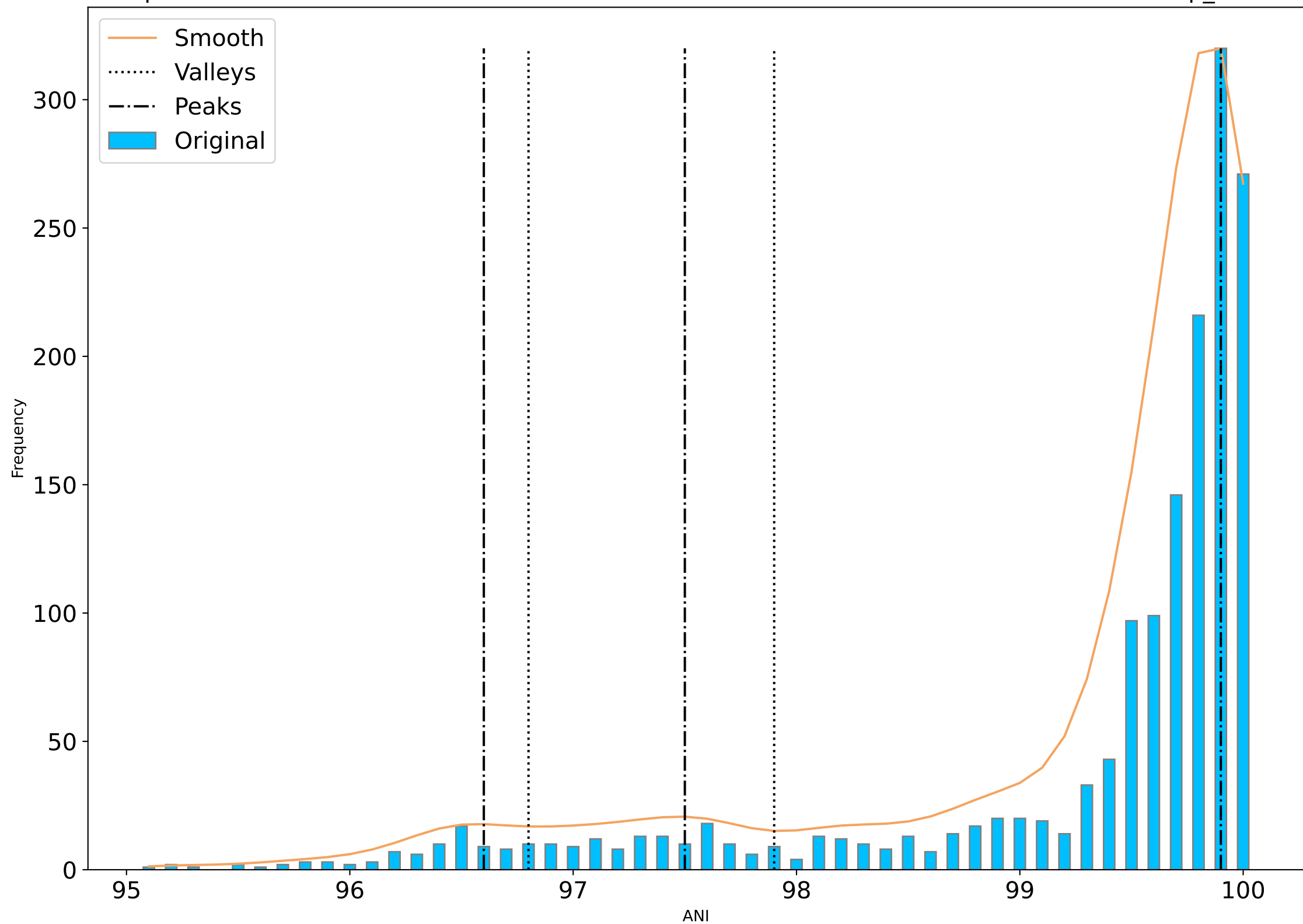
Species_308
Group 2

Norm_test 0.0
Dip_test 0.00045342826299765715



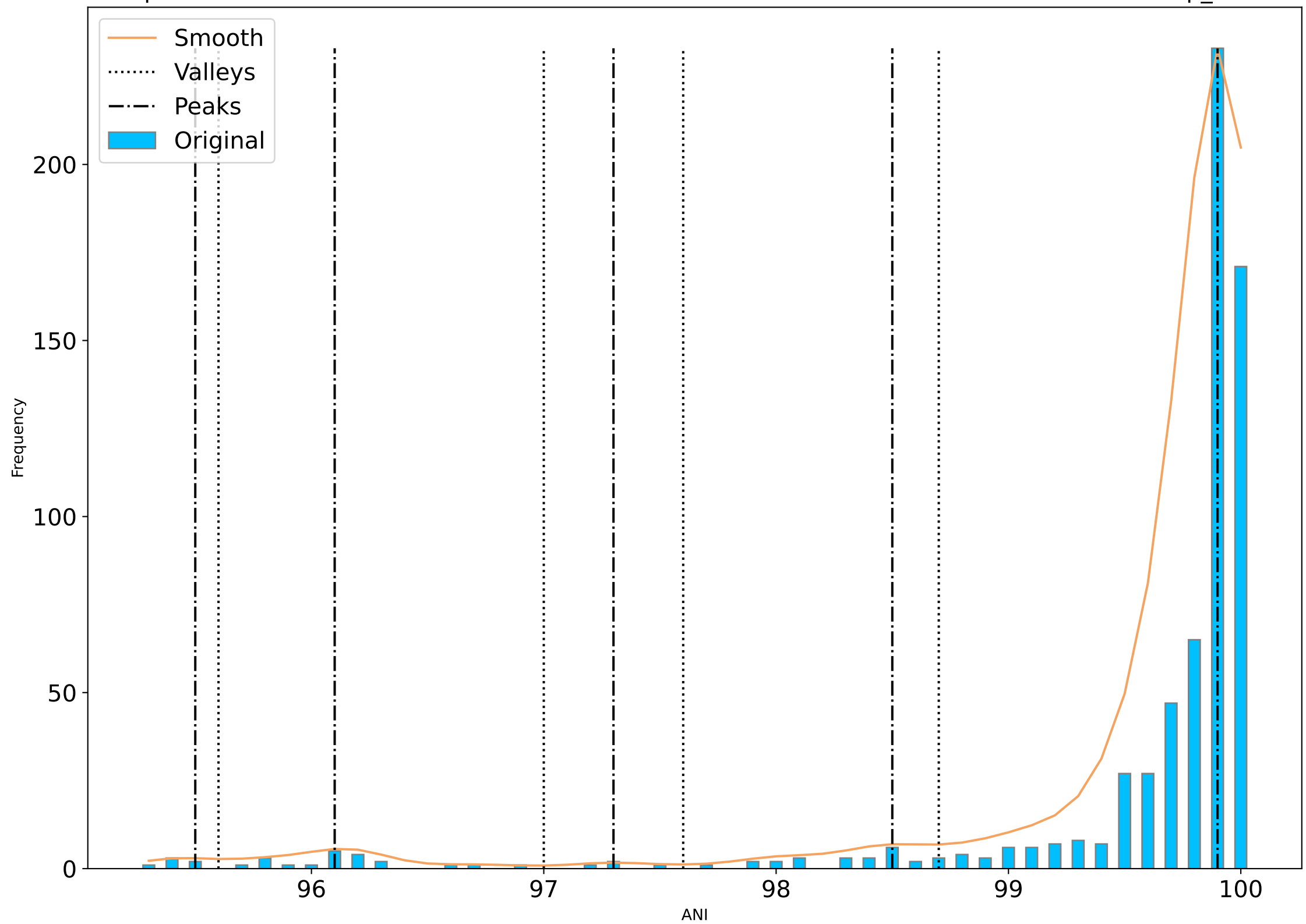
Species_309
Group 3

Norm_test 6.839618175705062e-125
Dip_test 0.0



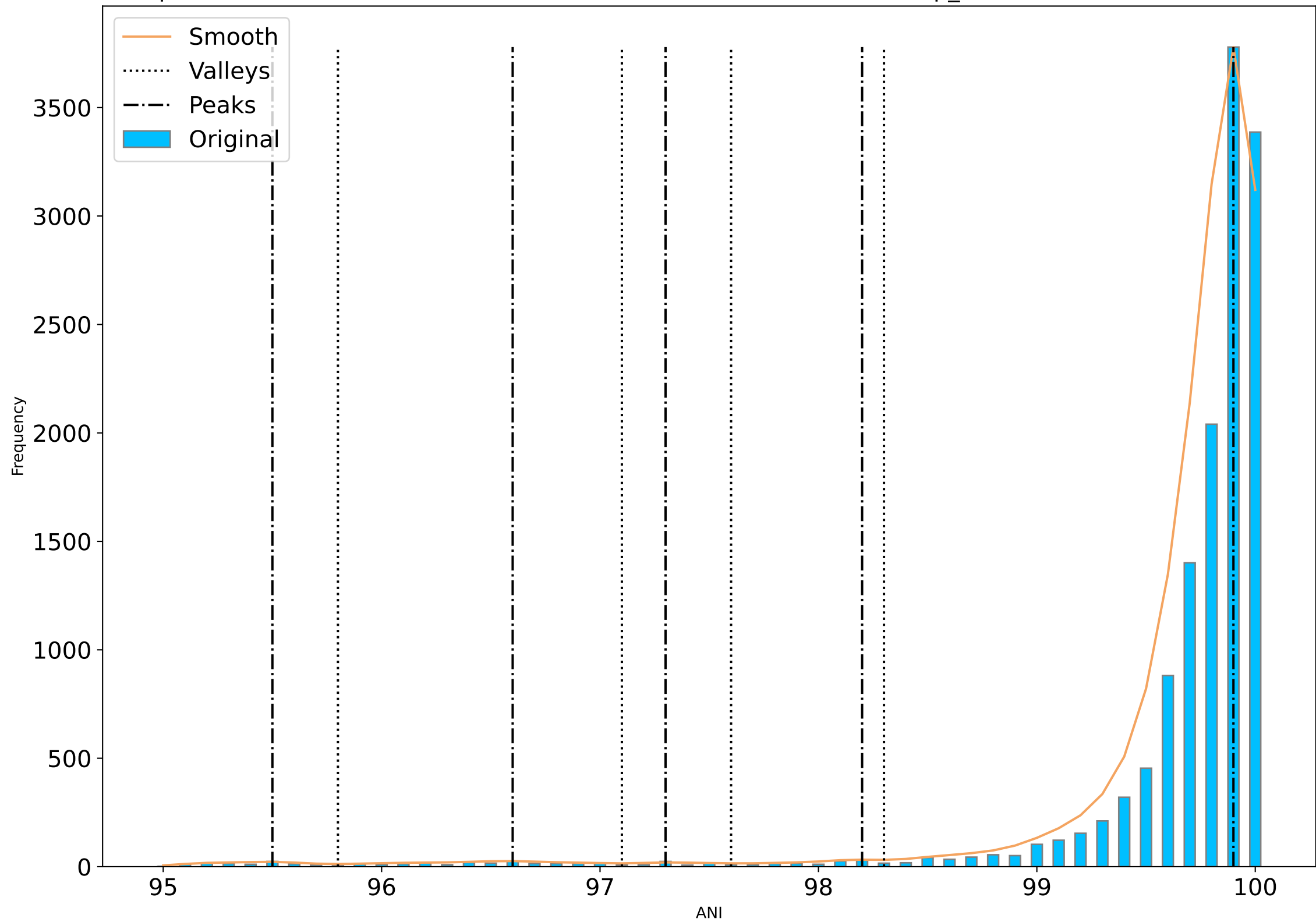
Species_310
Group 2

Norm_test 8.579296206972229e-110
Dip_test 0.0



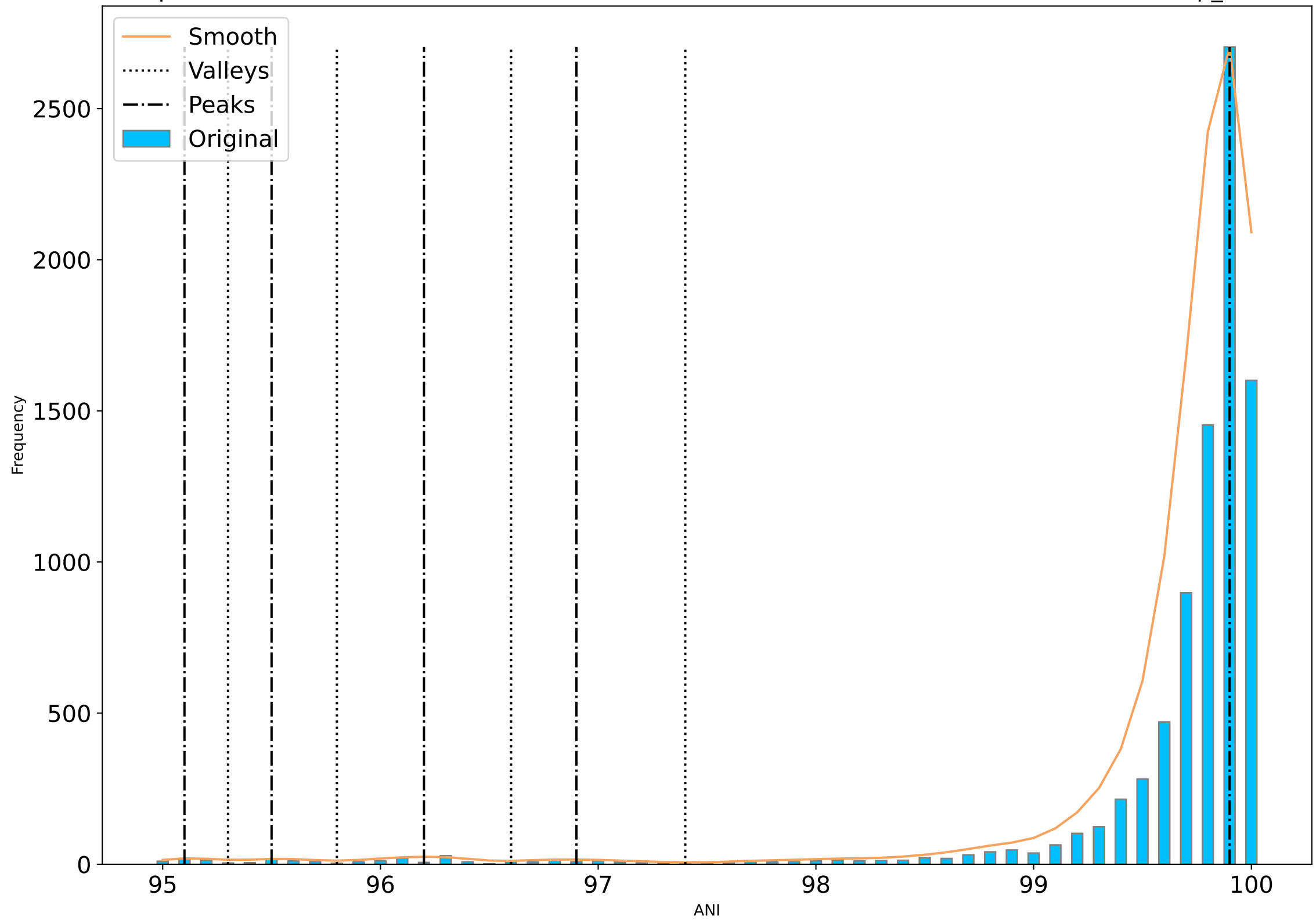
Species_311
Group 2

Norm_test 0.0
Dip_test 0.0012321278738749442



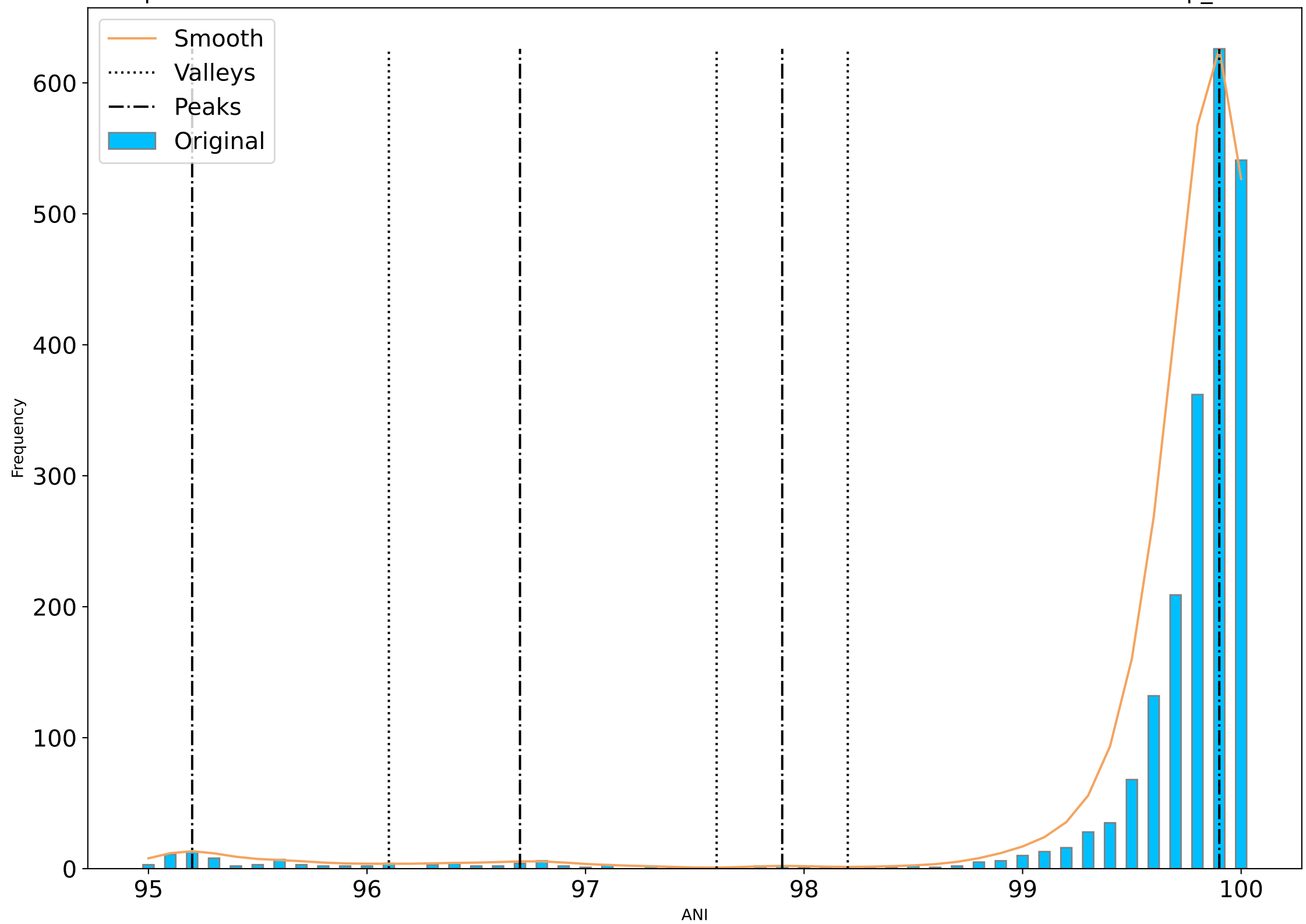
Species_312
Group 2

Norm_test 0.0
Dip_test 0.0



Species_314
Group 2

Norm_test 0.0
Dip_test 0.0

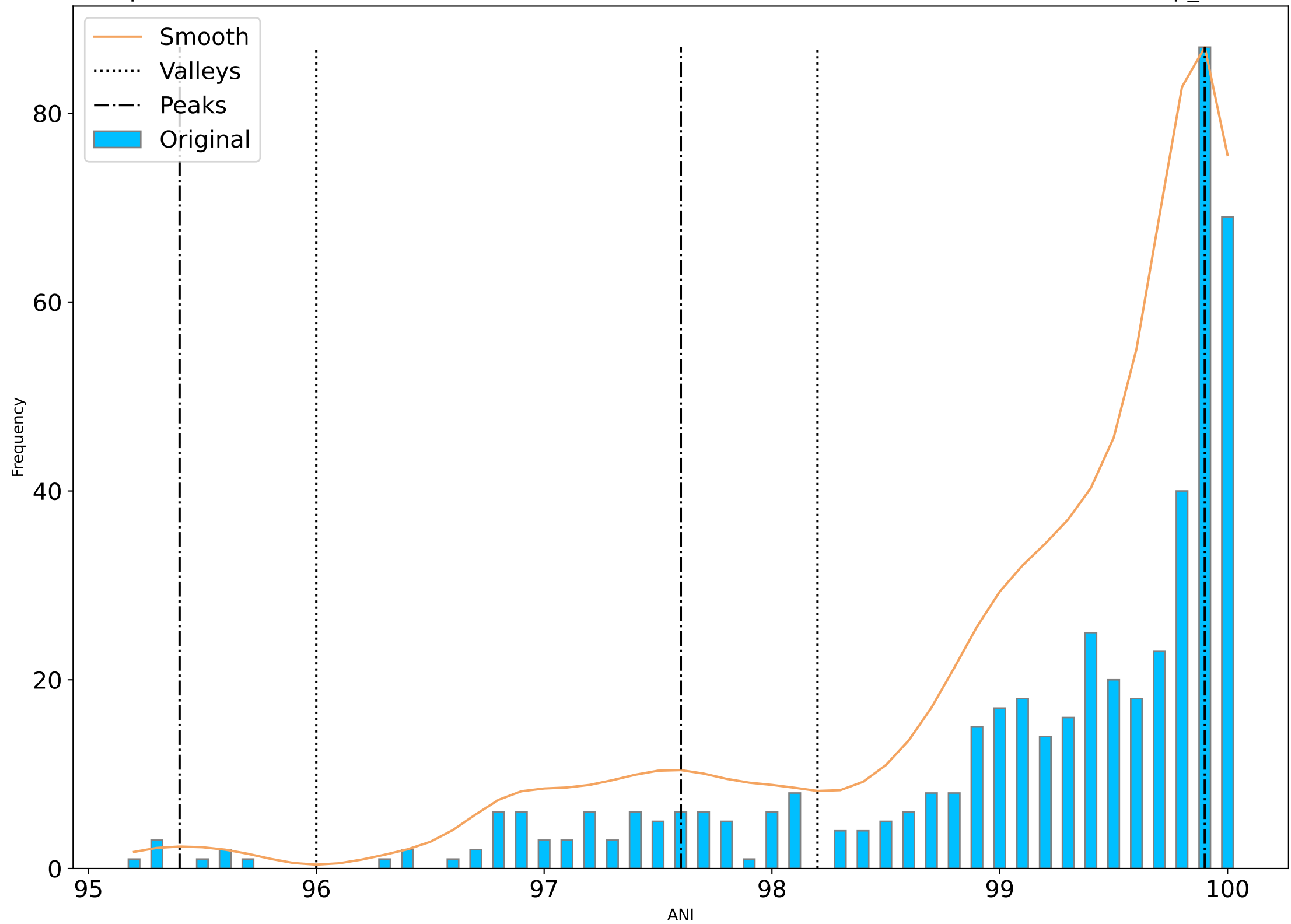


Species_320

Group 3

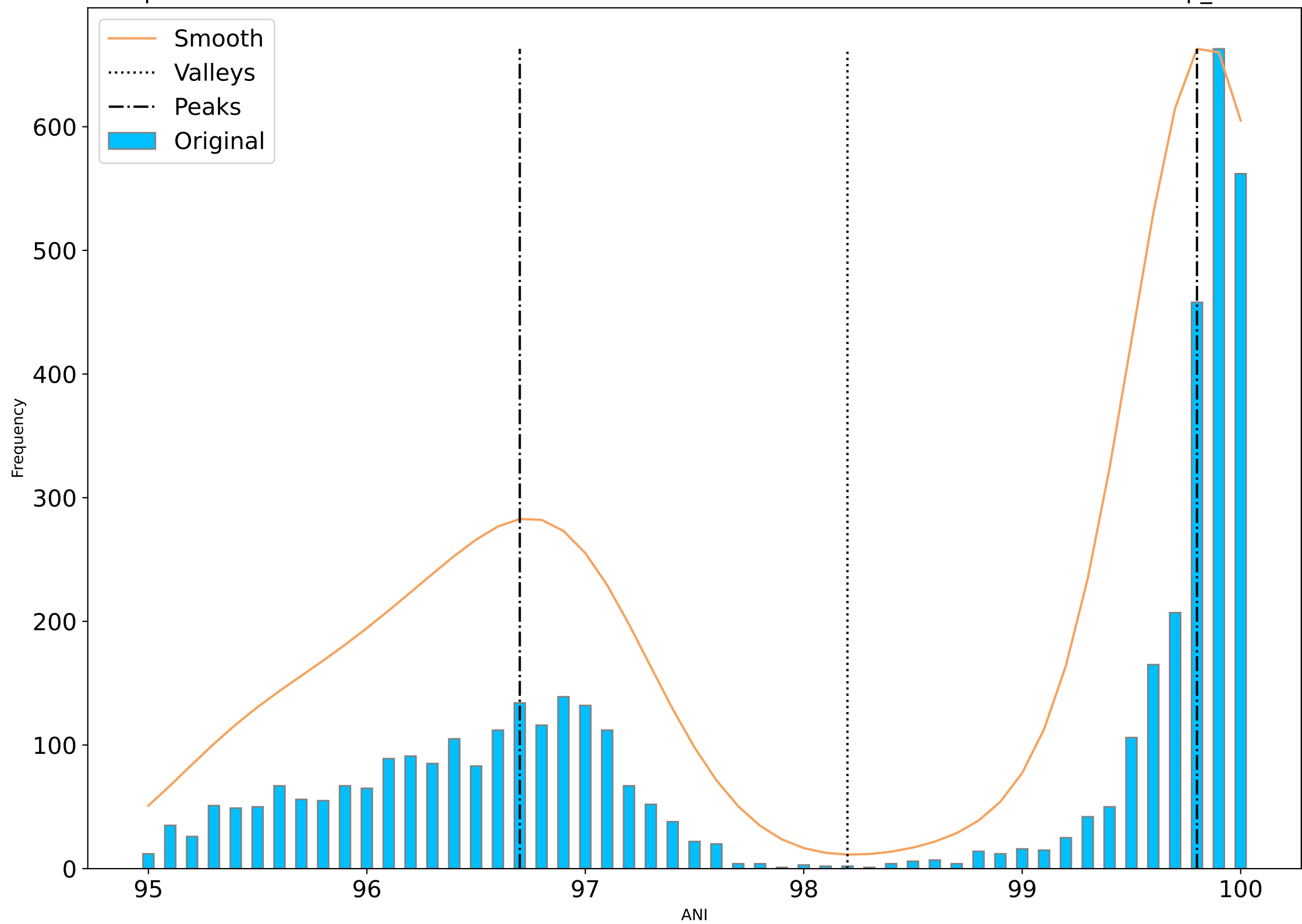
Norm_test 5.439732753684193e-31

Dip_test 0.0



Species_322
Group 3

Norm_test 0.0
Dip_test 0.0

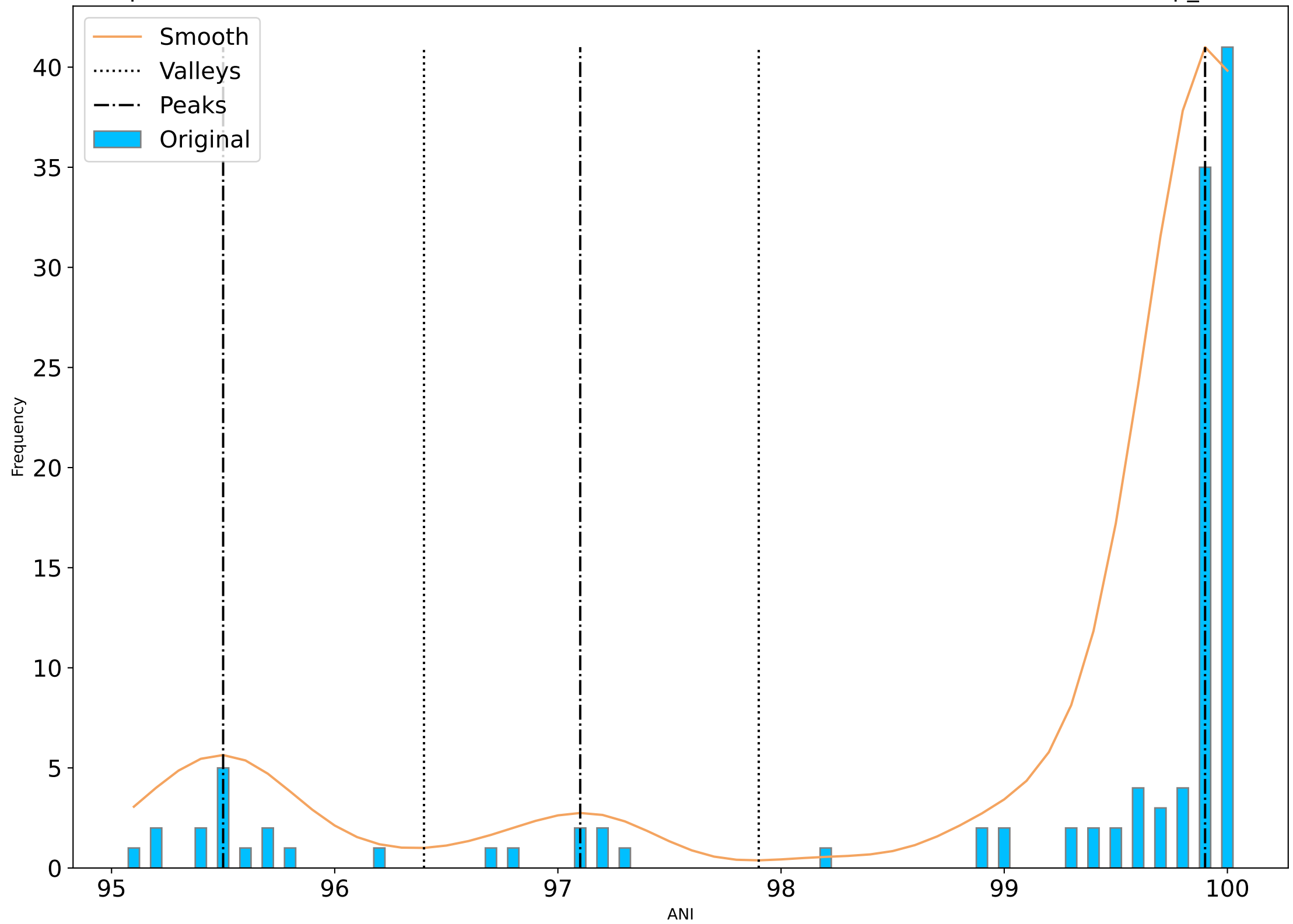


Species_324

Group 3

Norm_test 2.1692645971584545e-09

Dip_test 0.0

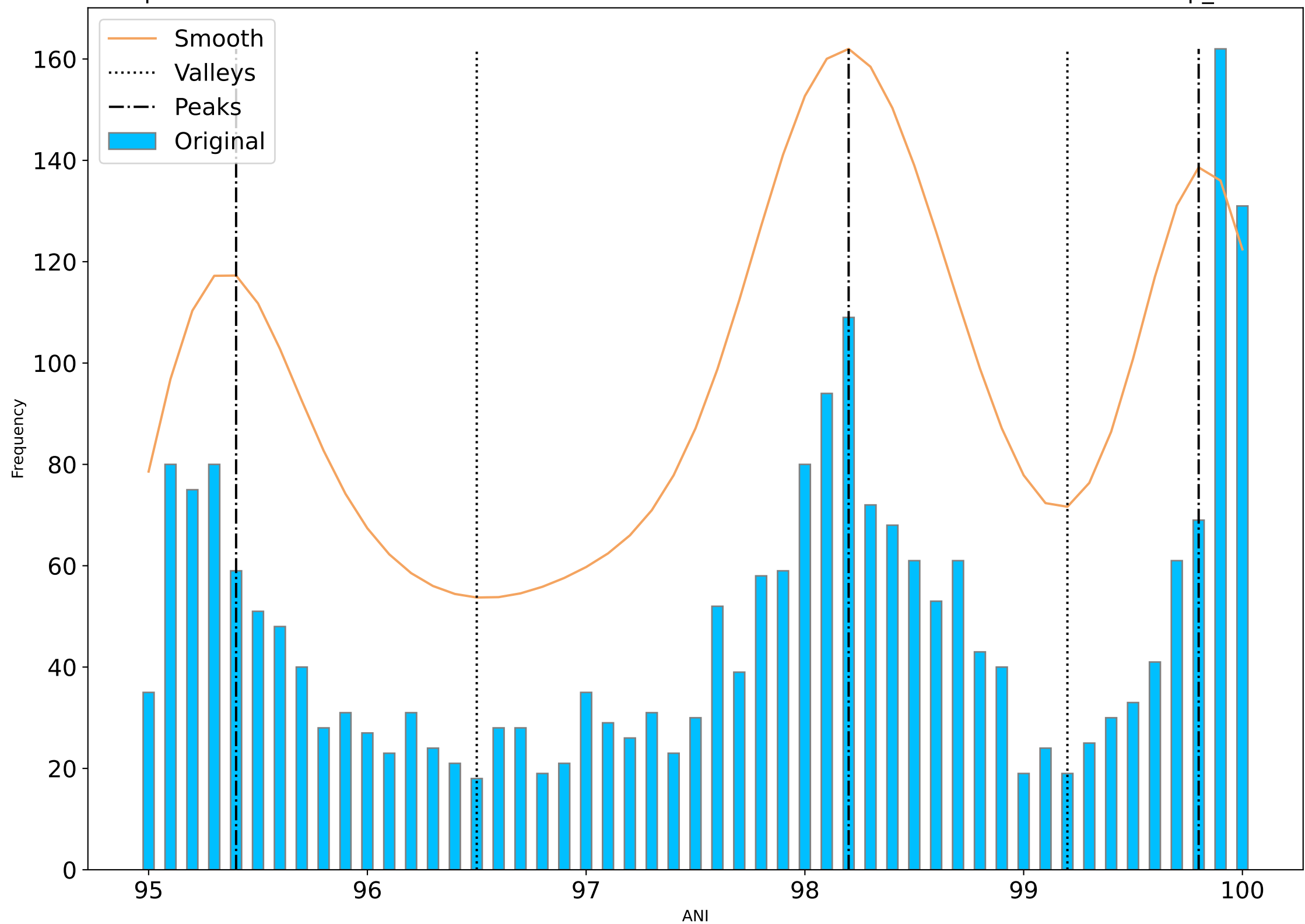


Species_326

Group 1

Norm_test 0.0

Dip_test 0.0

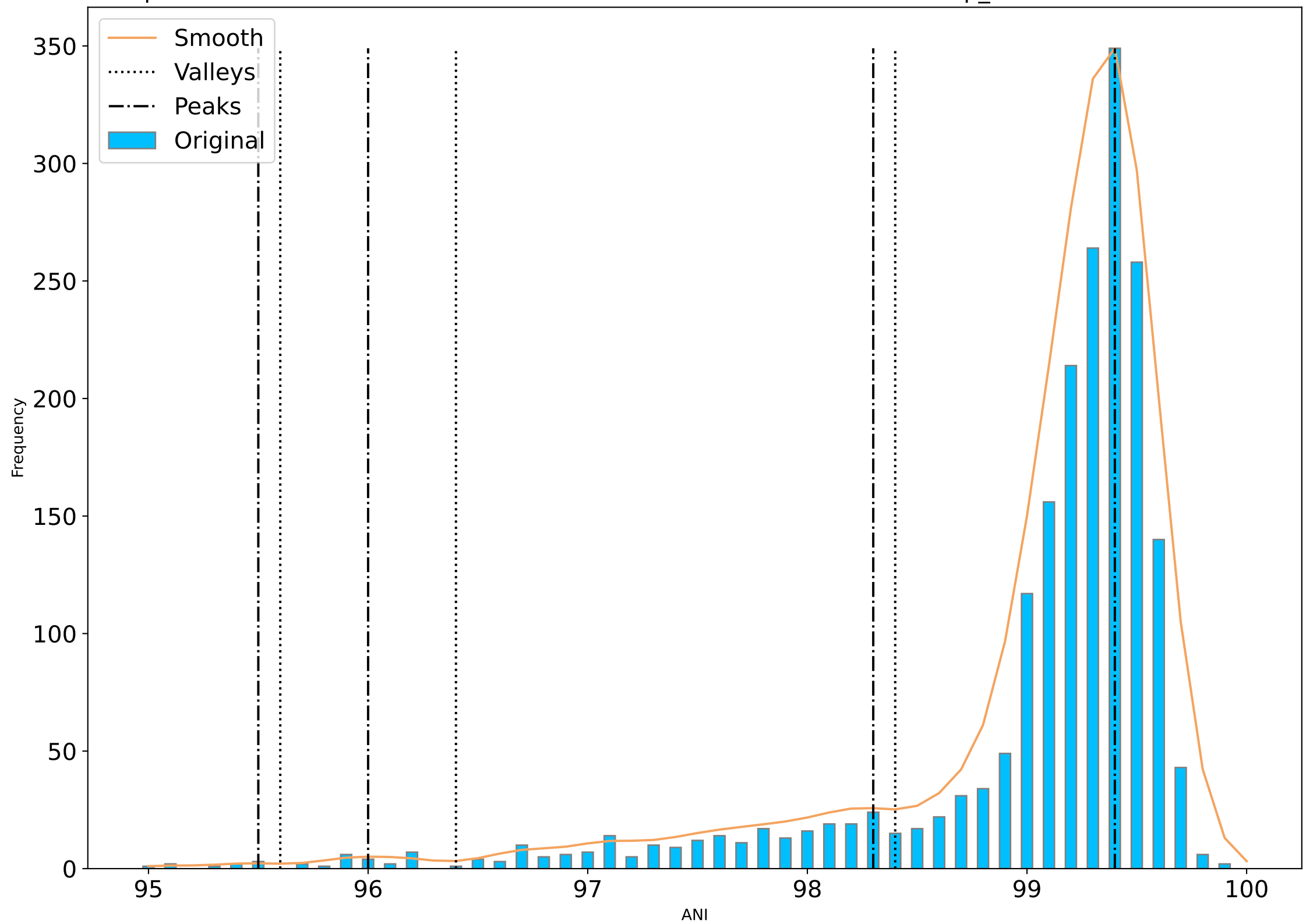


Species_328

Group 4

Norm_test 1.277509110734819e-226

Dip_test 0.0289349023549359

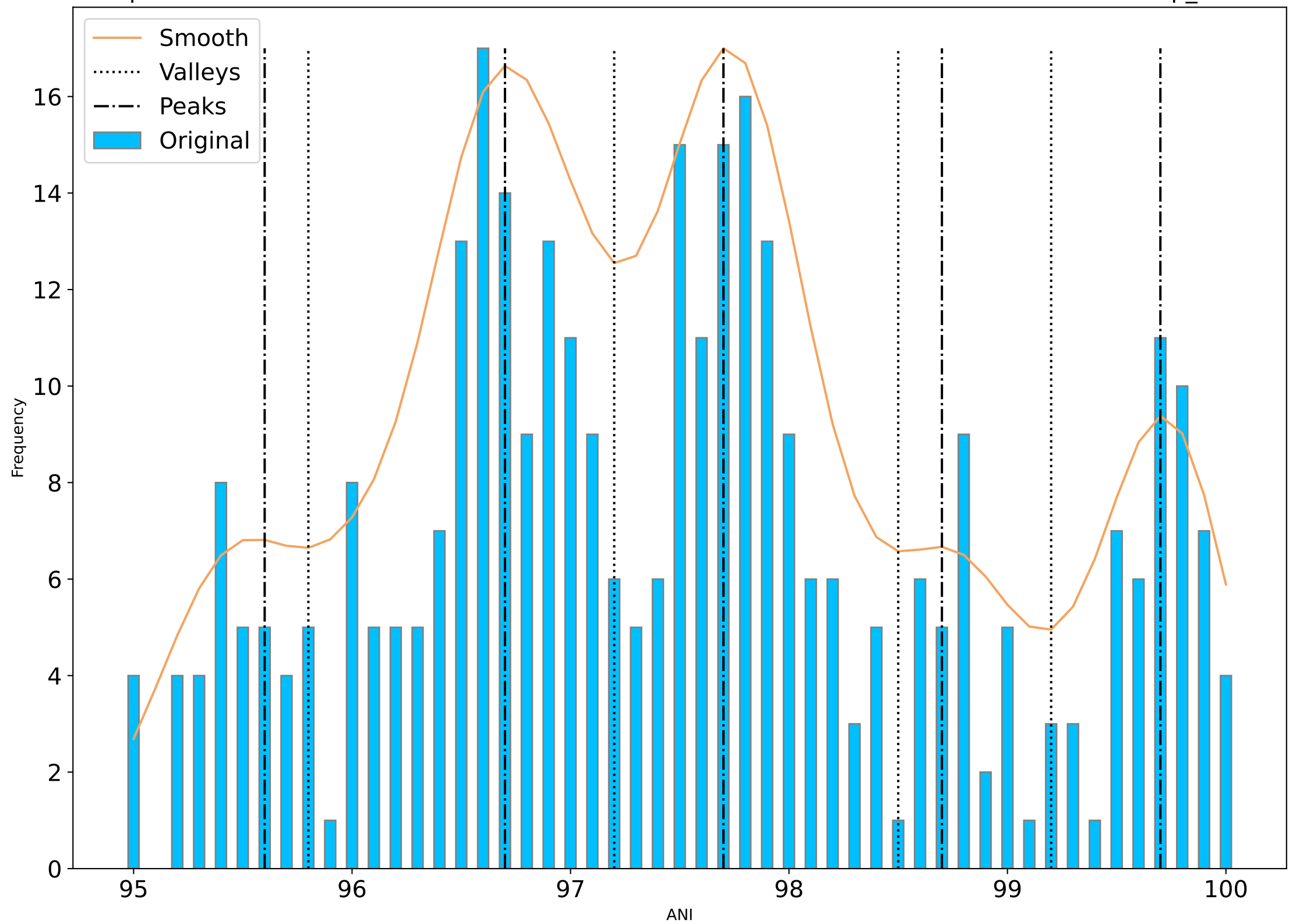


Species_330

Group 1

Norm_test 2.3954844076949044e-05

Dip_test 0.0

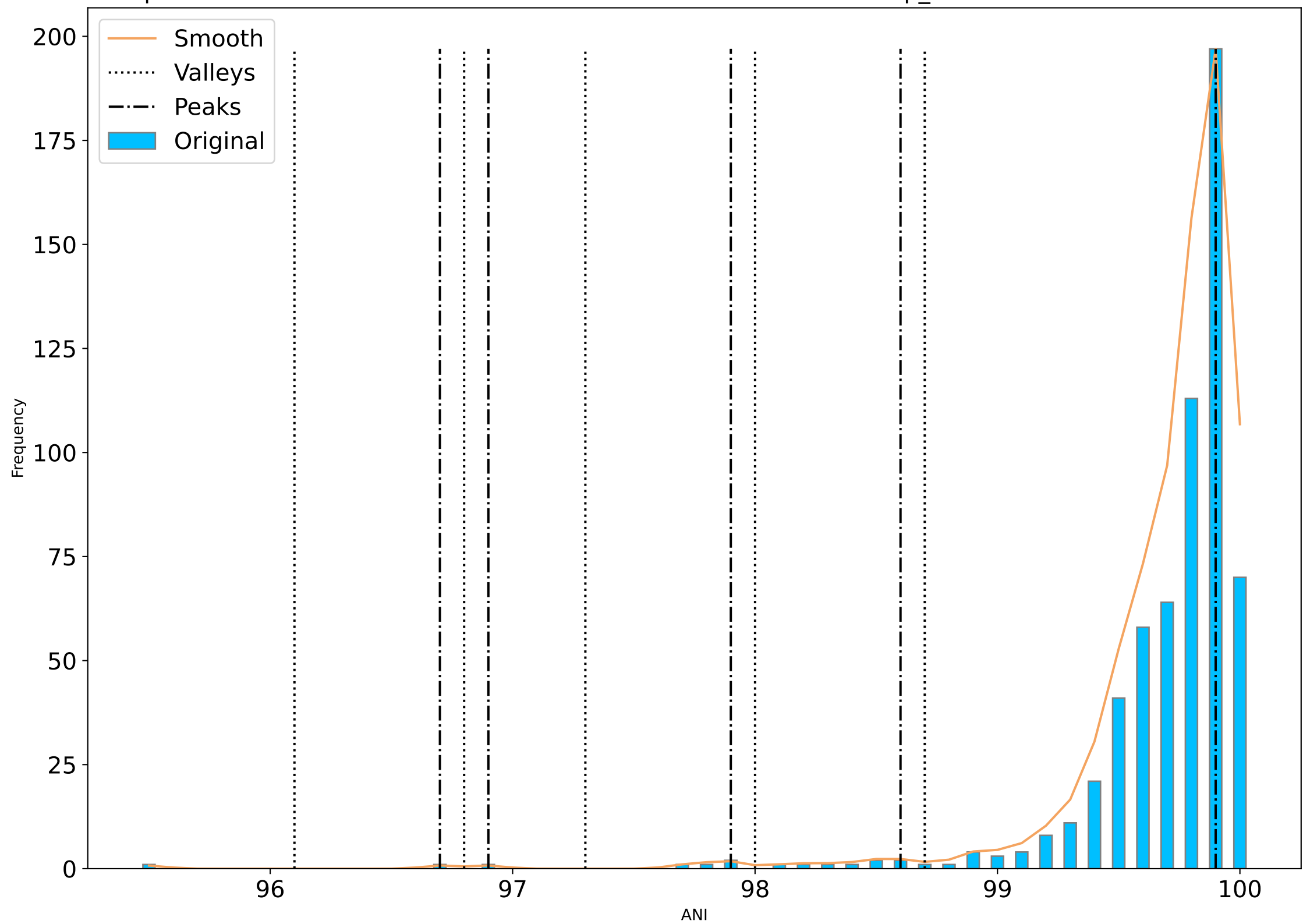


Species_331

Group 2

Norm_test 1.9235546909834208e-142

Dip_test 0.00028087971072754403

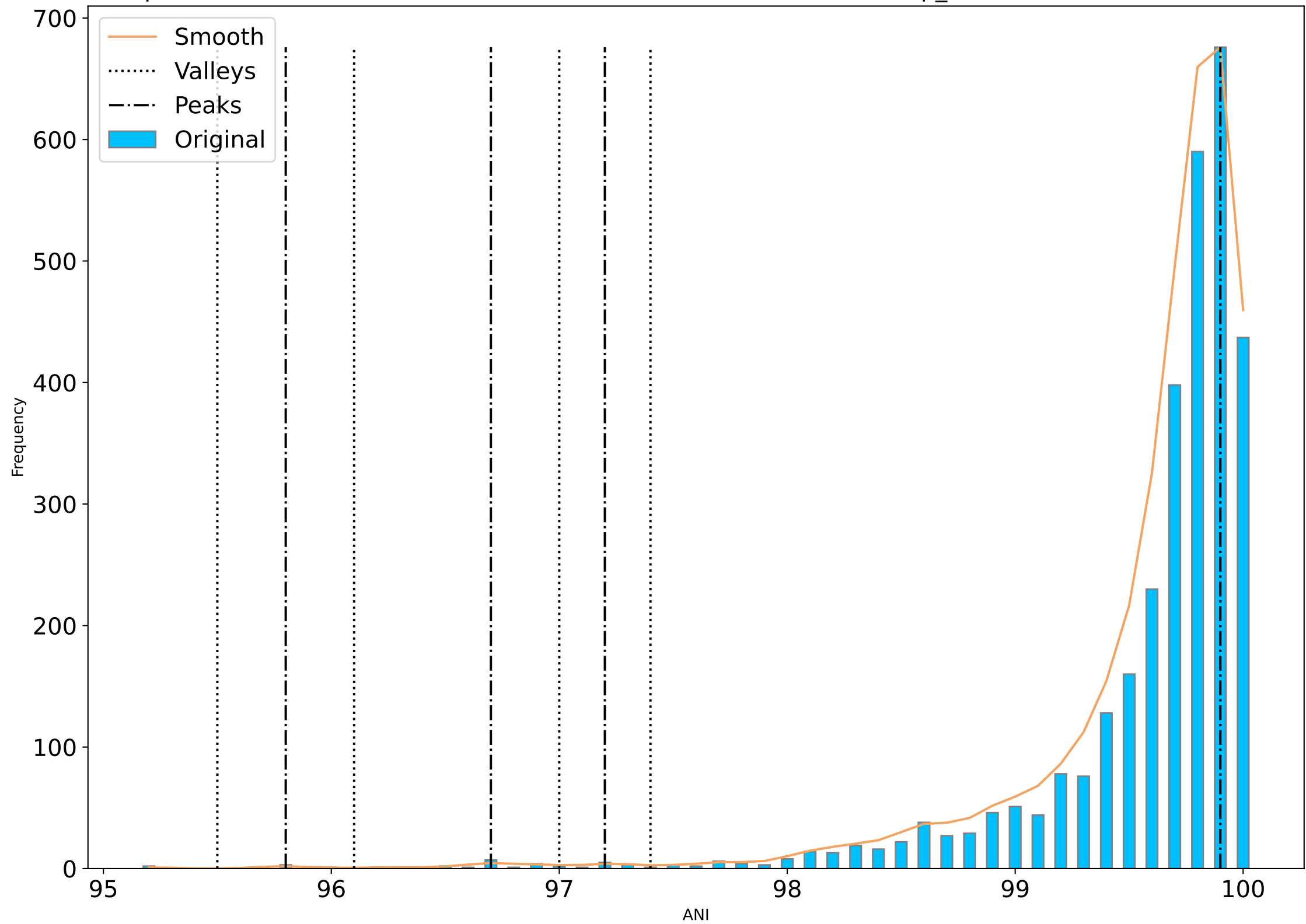


Species_333

Group 2

Norm_test 0.0

Dip_test 0.0040492947309510585

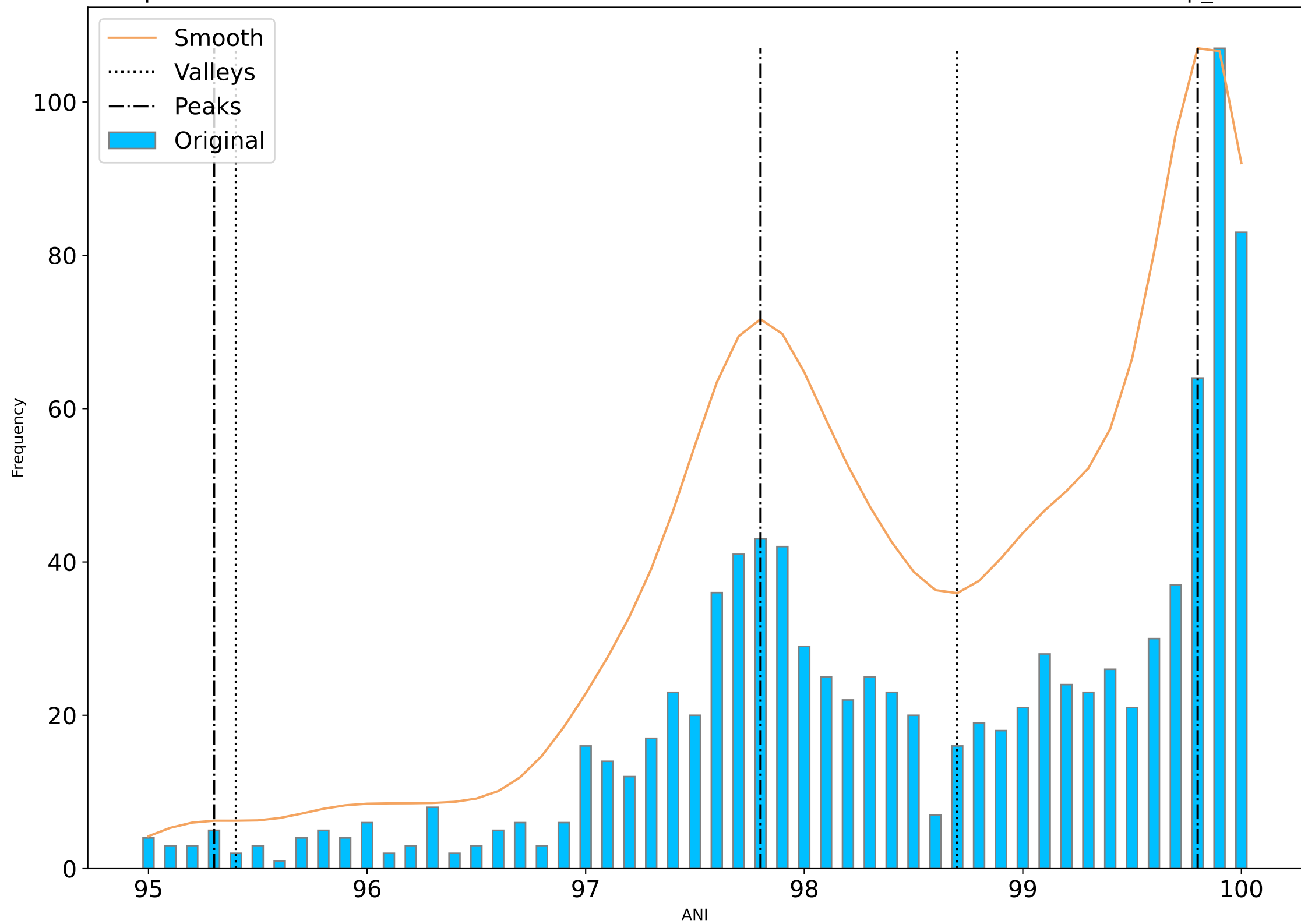


Species_334

Group 3

Norm_test 1.7909333526887377e-14

Dip_test 0.0

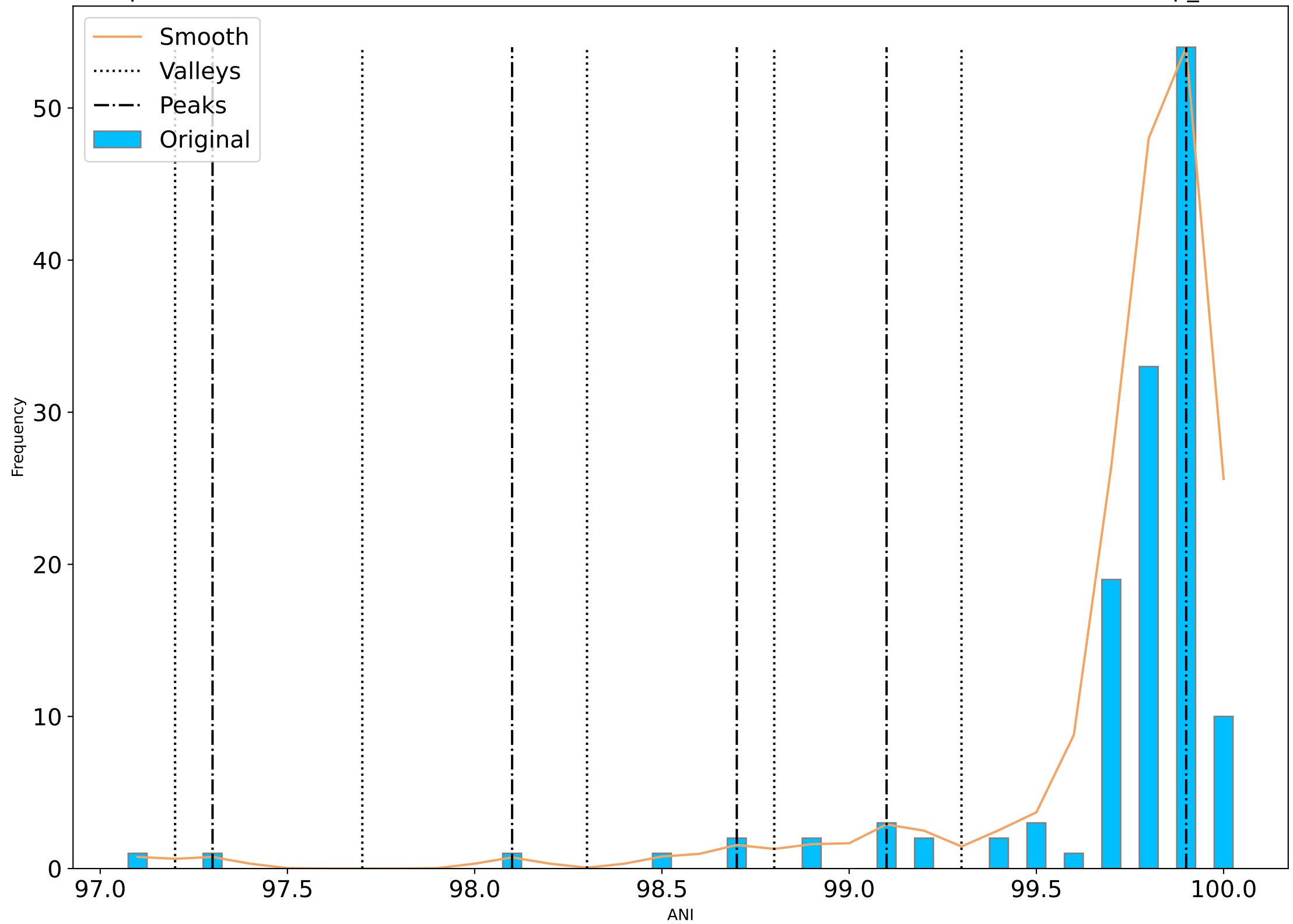


Species_336

Group 2

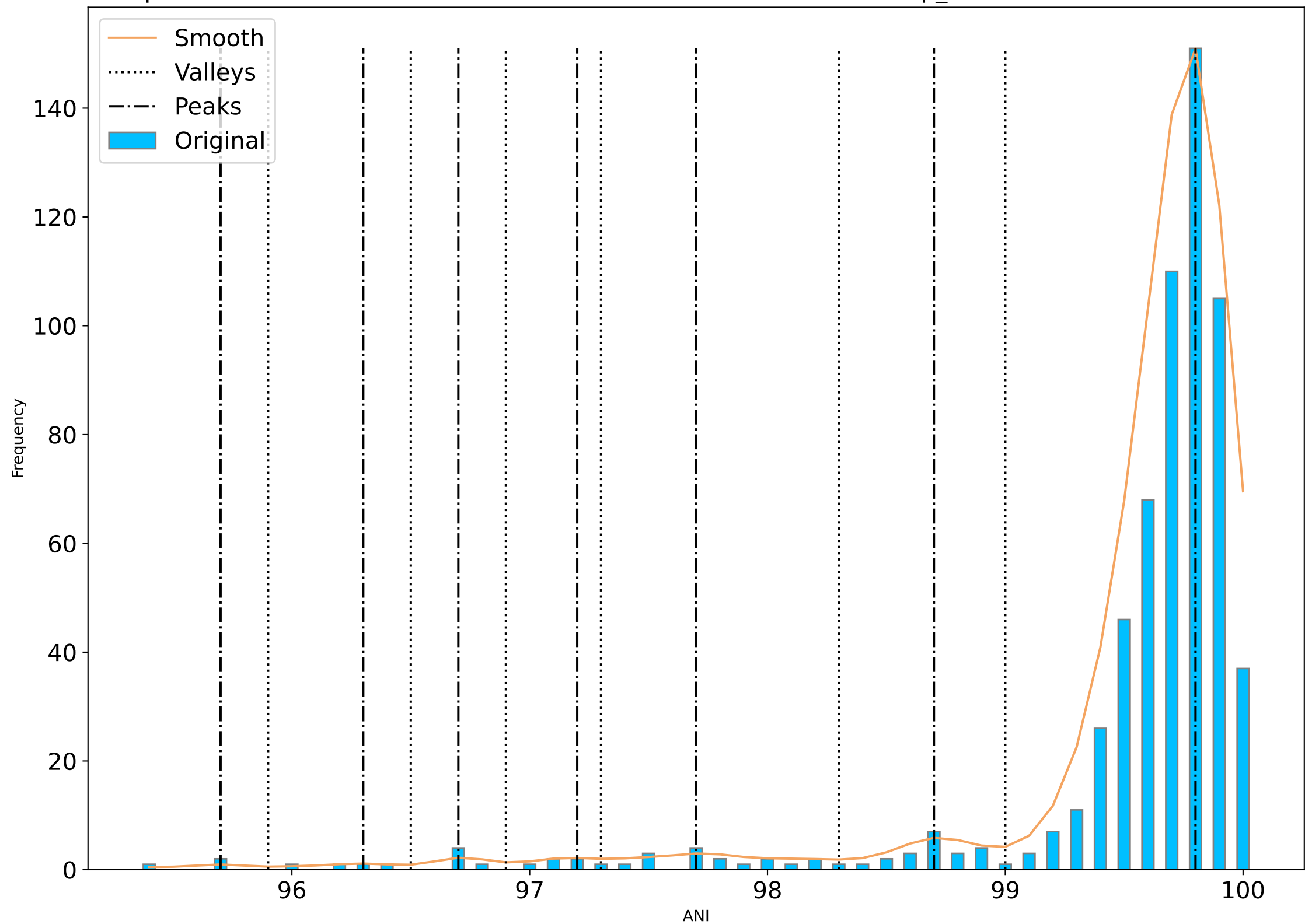
Norm_test 1.2307950213610798e-30

Dip_test 0.0



Species_340
Group 2

Norm_test 2.2905313775303174e-105
Dip_test 0.0019478067626347295

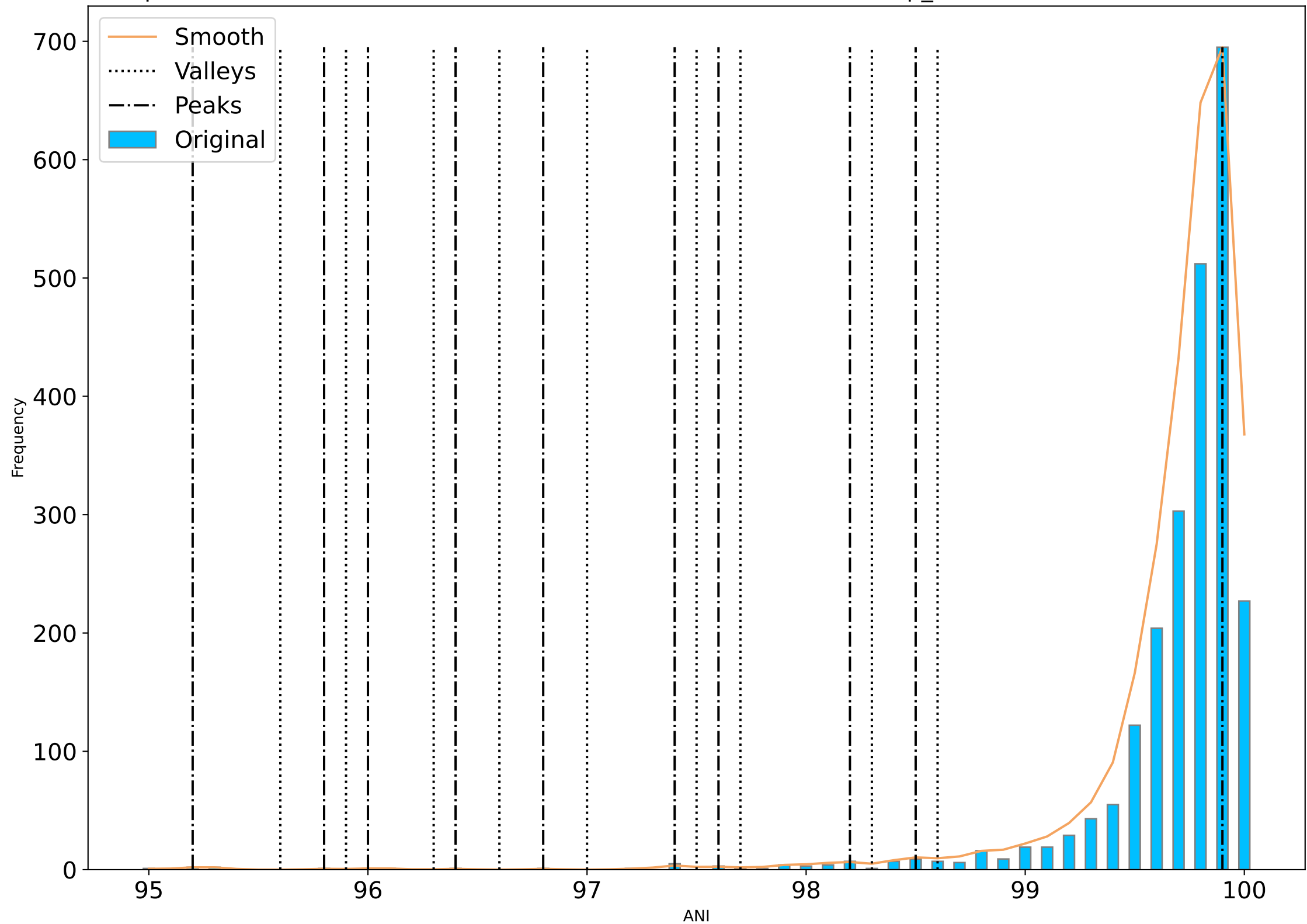


Species_341

Group 2

Norm_test 0.0

Dip_test 0.00042464818822229855

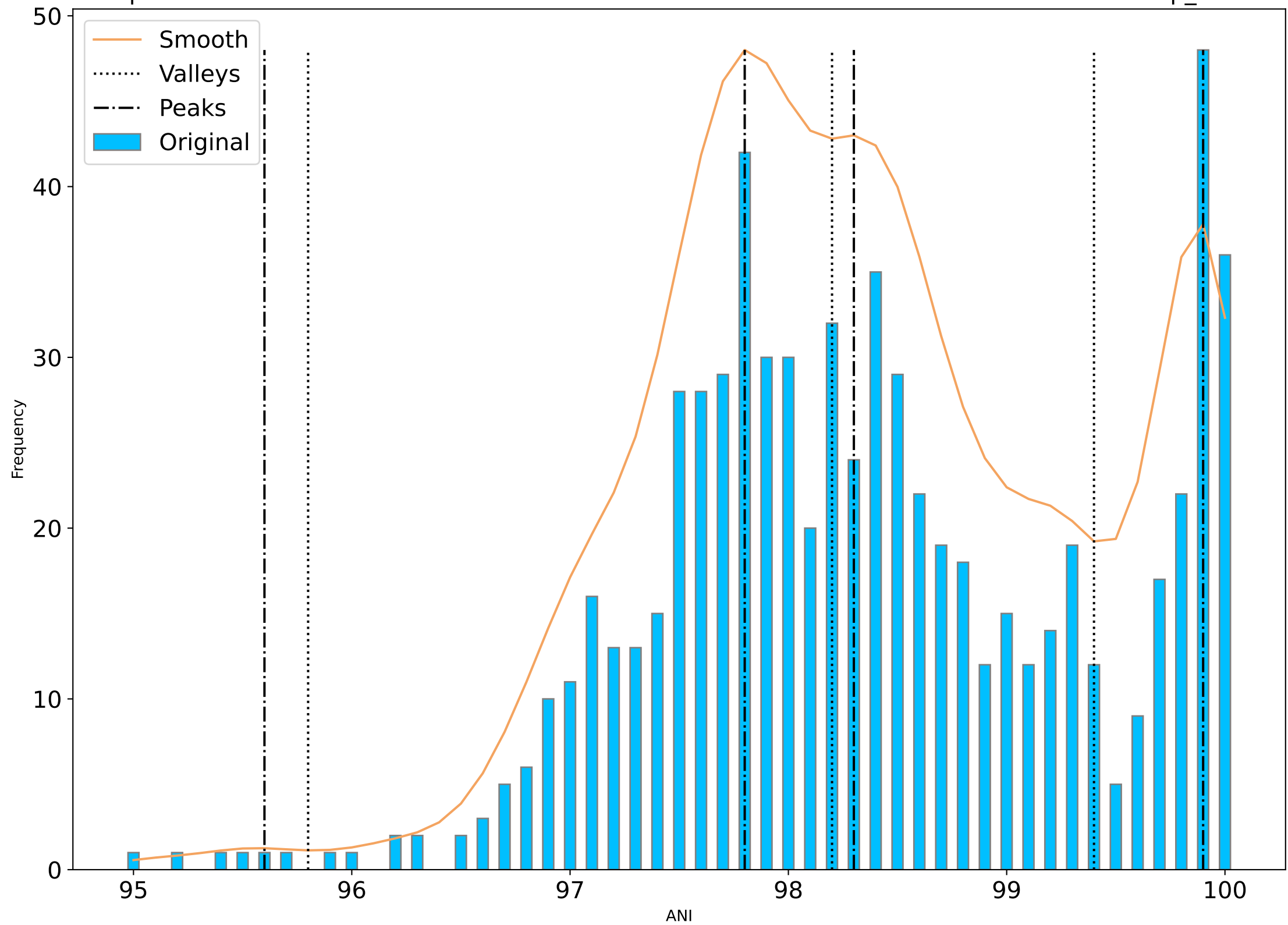


Species_342

Group 1

Norm_test 0.026072983991161012

Dip_test 0.0

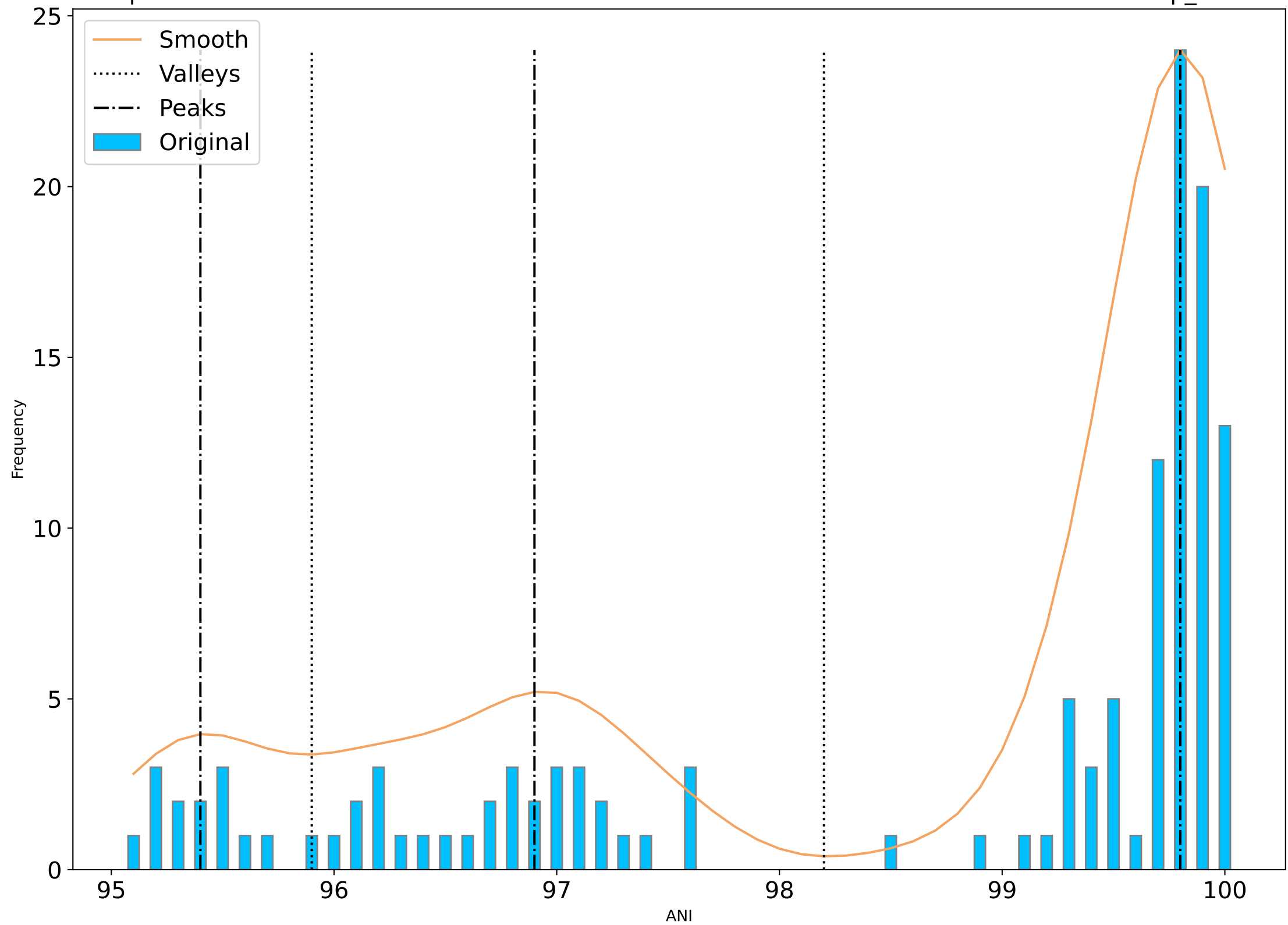


Species_343

Group 3

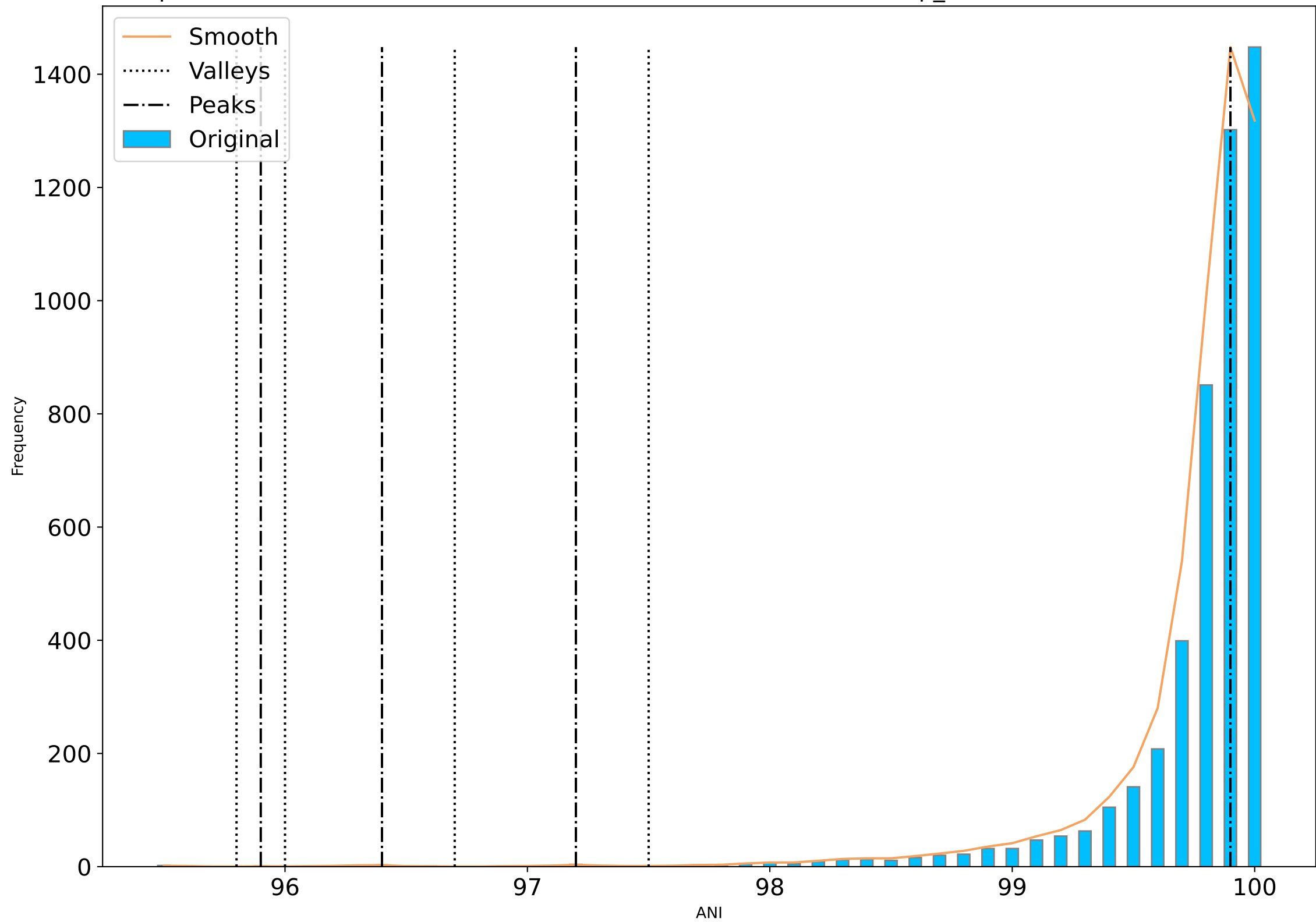
Norm_test 7.590135846571822e-07

Dip_test 0.0



Species_345
Group 2

Norm_test 0.0
Dip_test 0.00012637444971153045

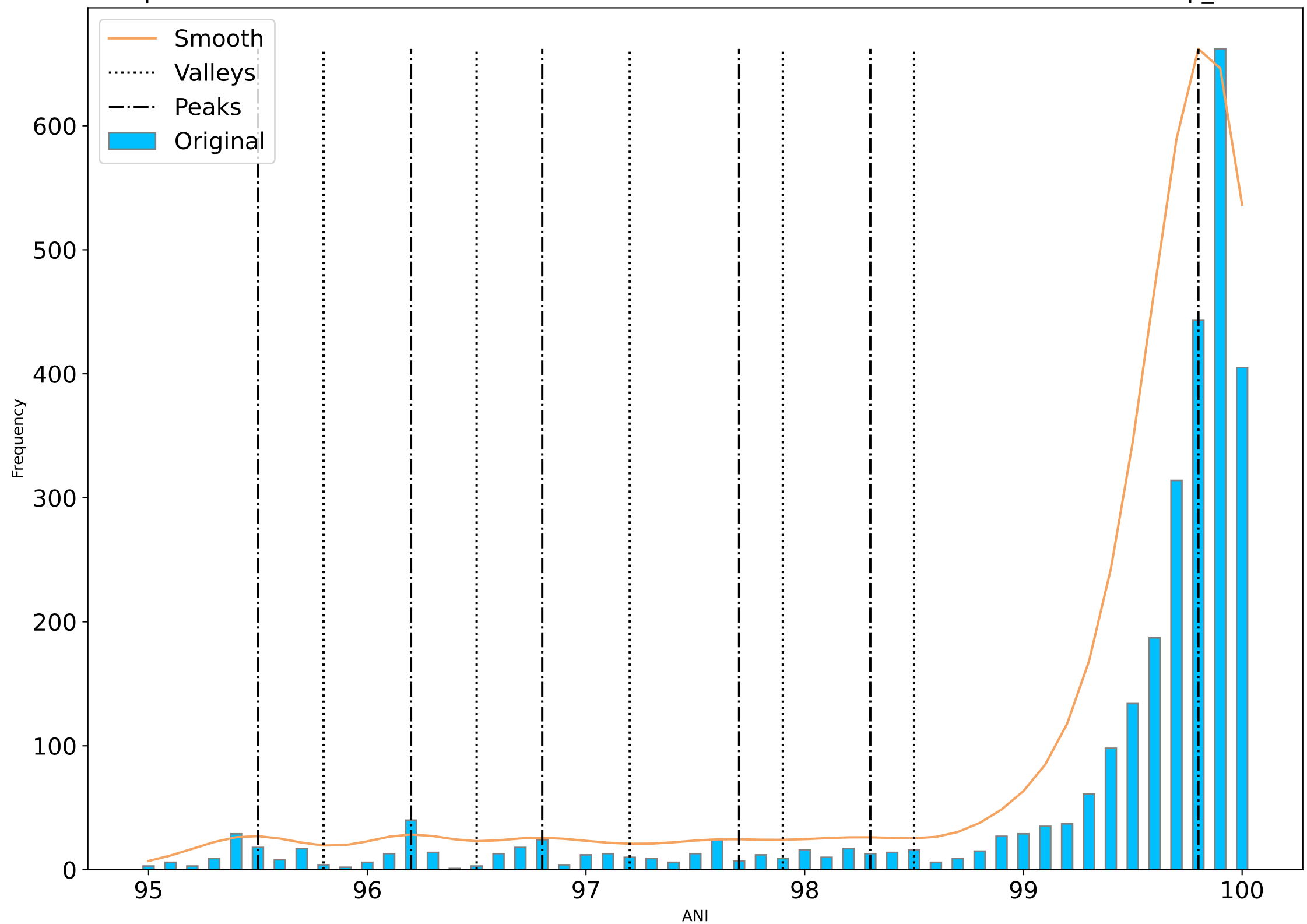


Species_348

Group 3

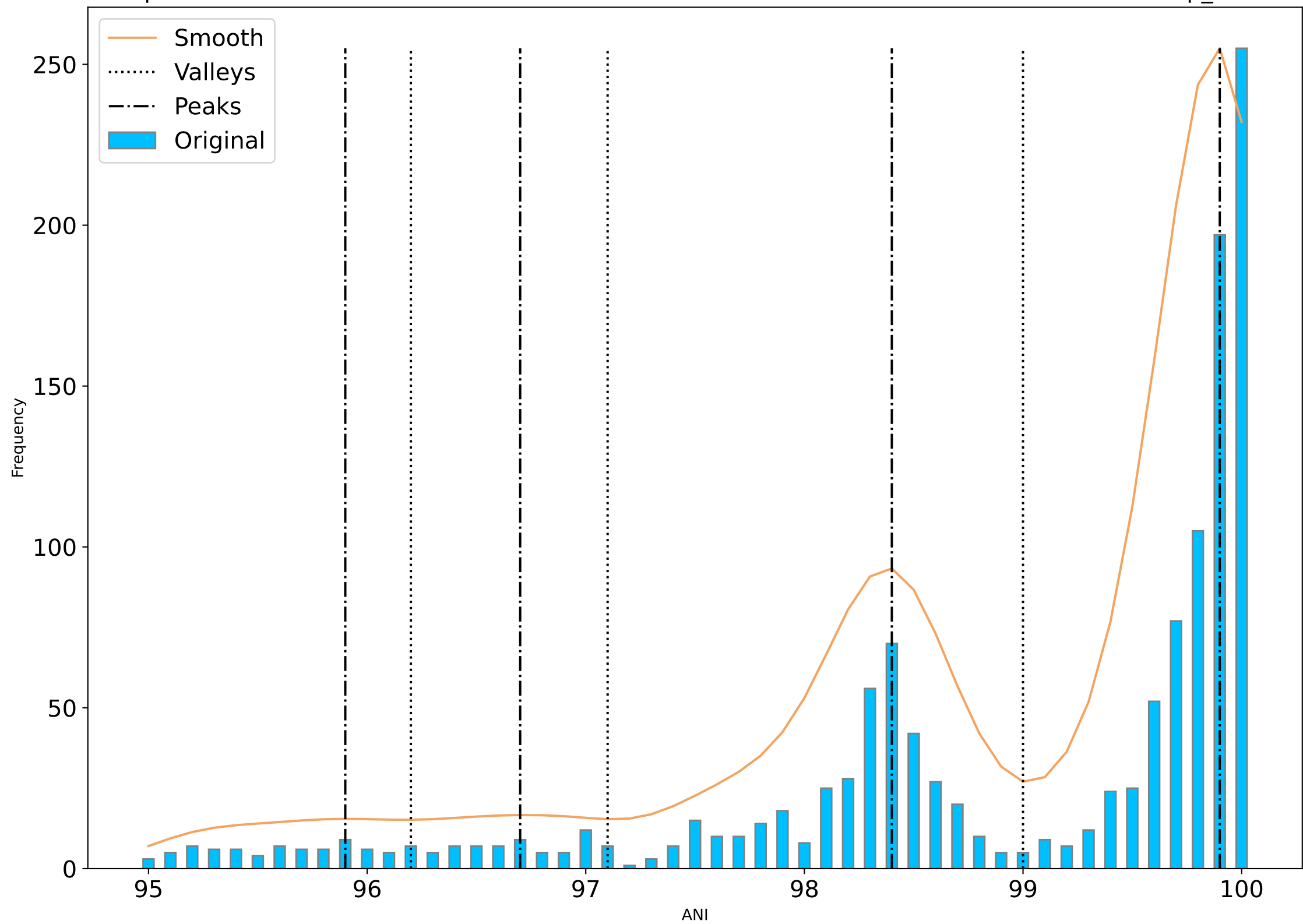
Norm_test 1.3215643945091252e-271

Dip_test 0.0



Species_349
Group 1

Norm_test 4.860363591357496e-56
Dip_test 0.0

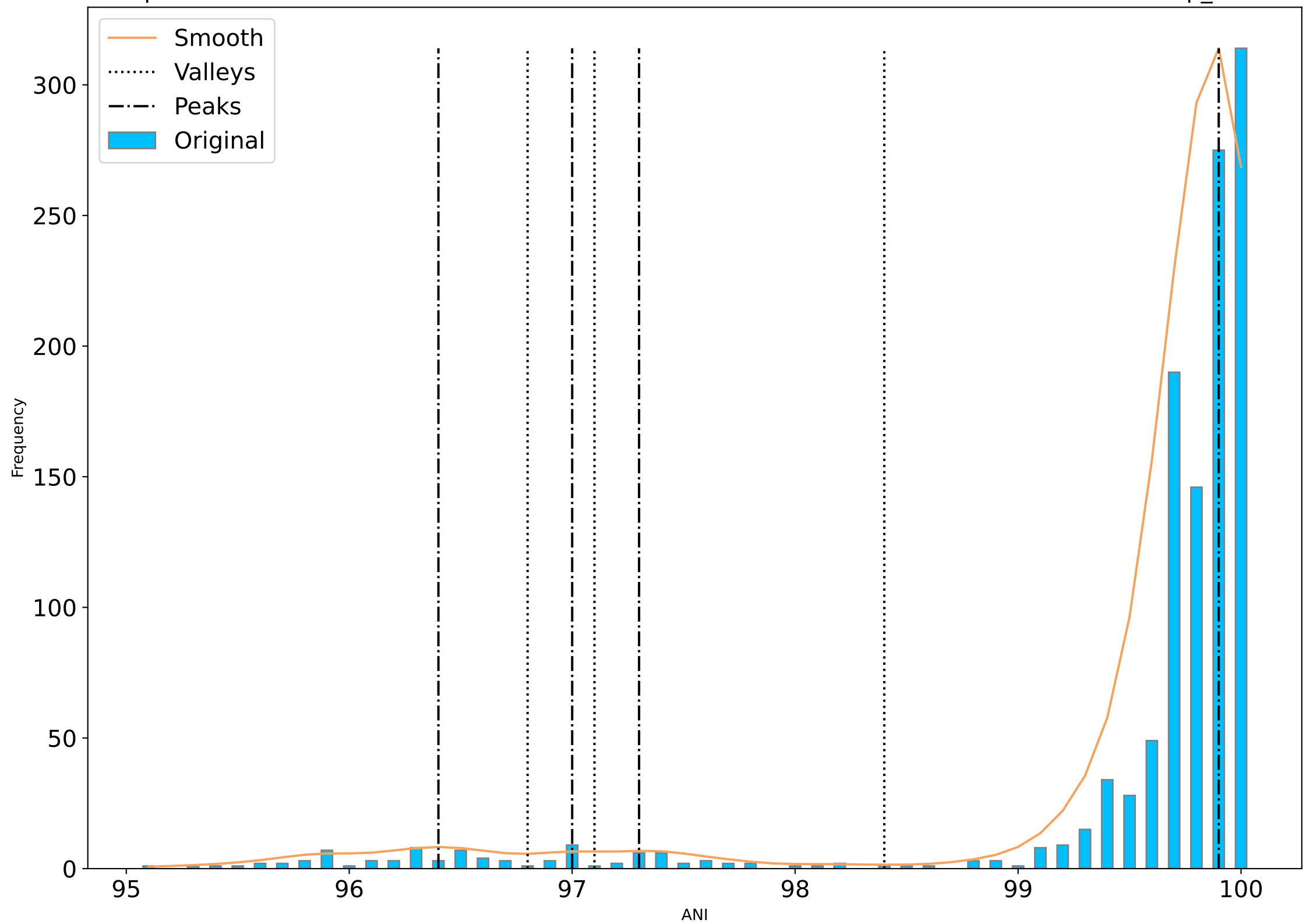


Species_350

Group 2

Norm_test 7.771203621753817e-168

Dip_test 0.0

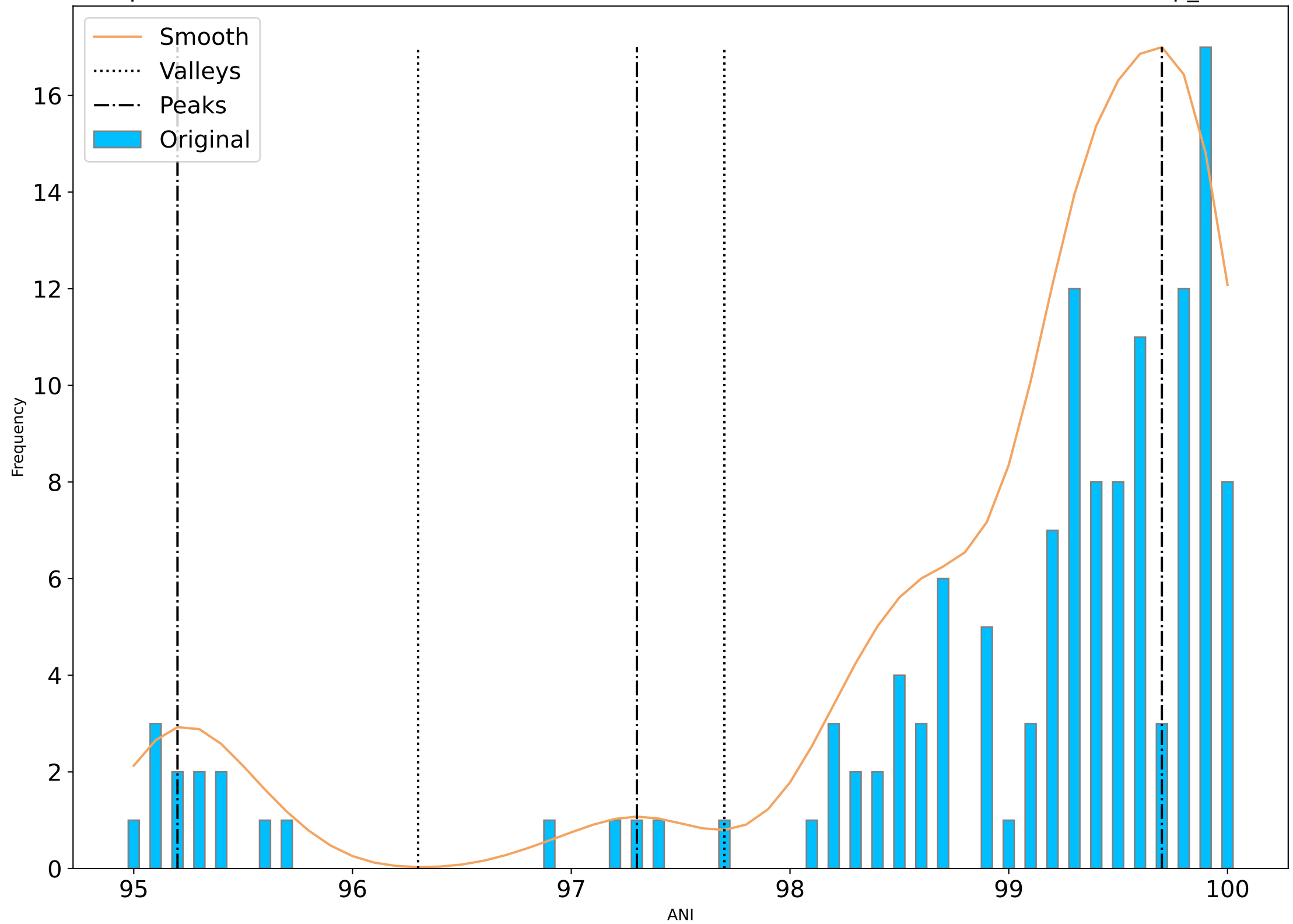


Species_352

Group 3

Norm_test 2.6904392403972134e-13

Dip_test 0.0

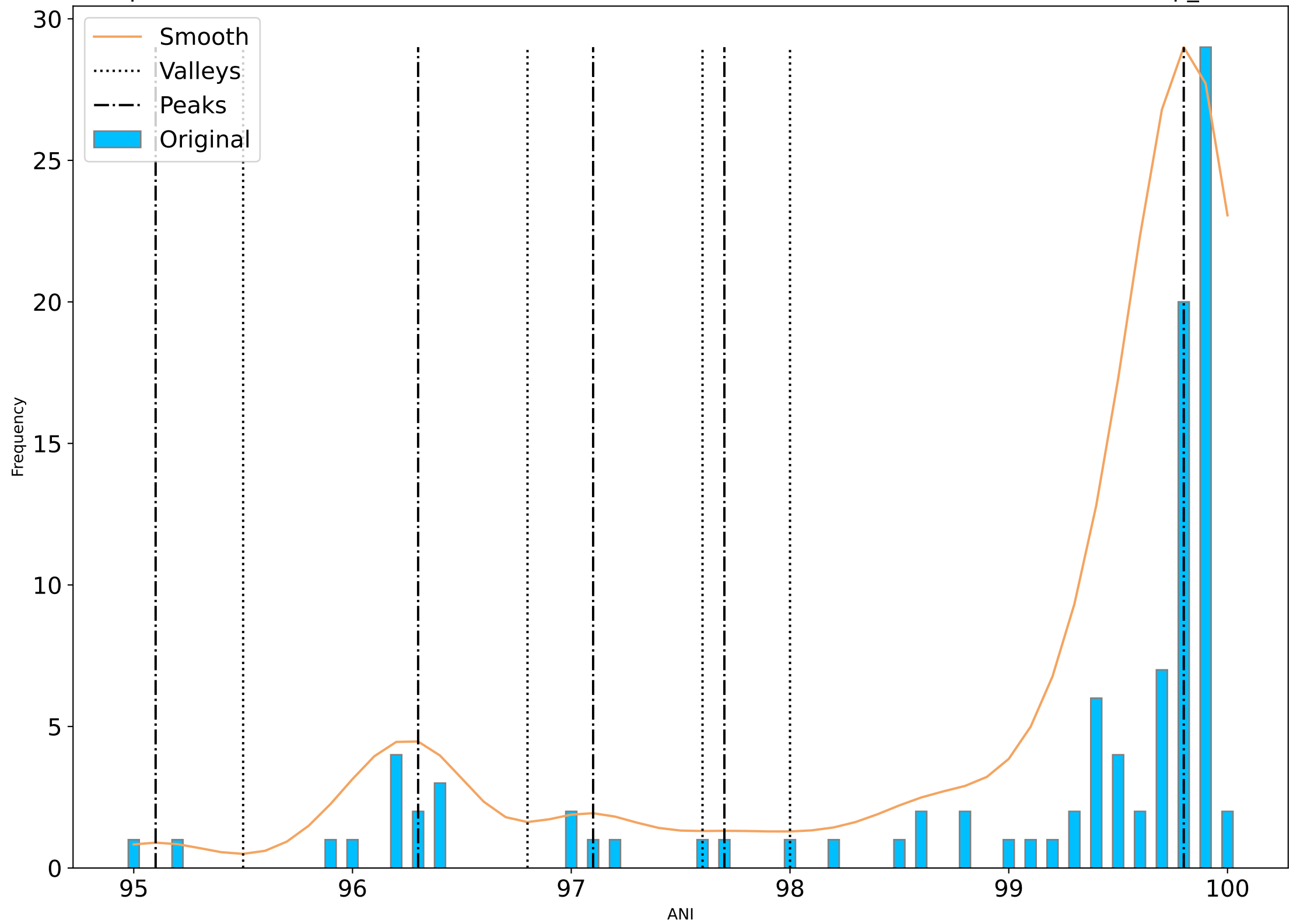


Species_353

Group 3

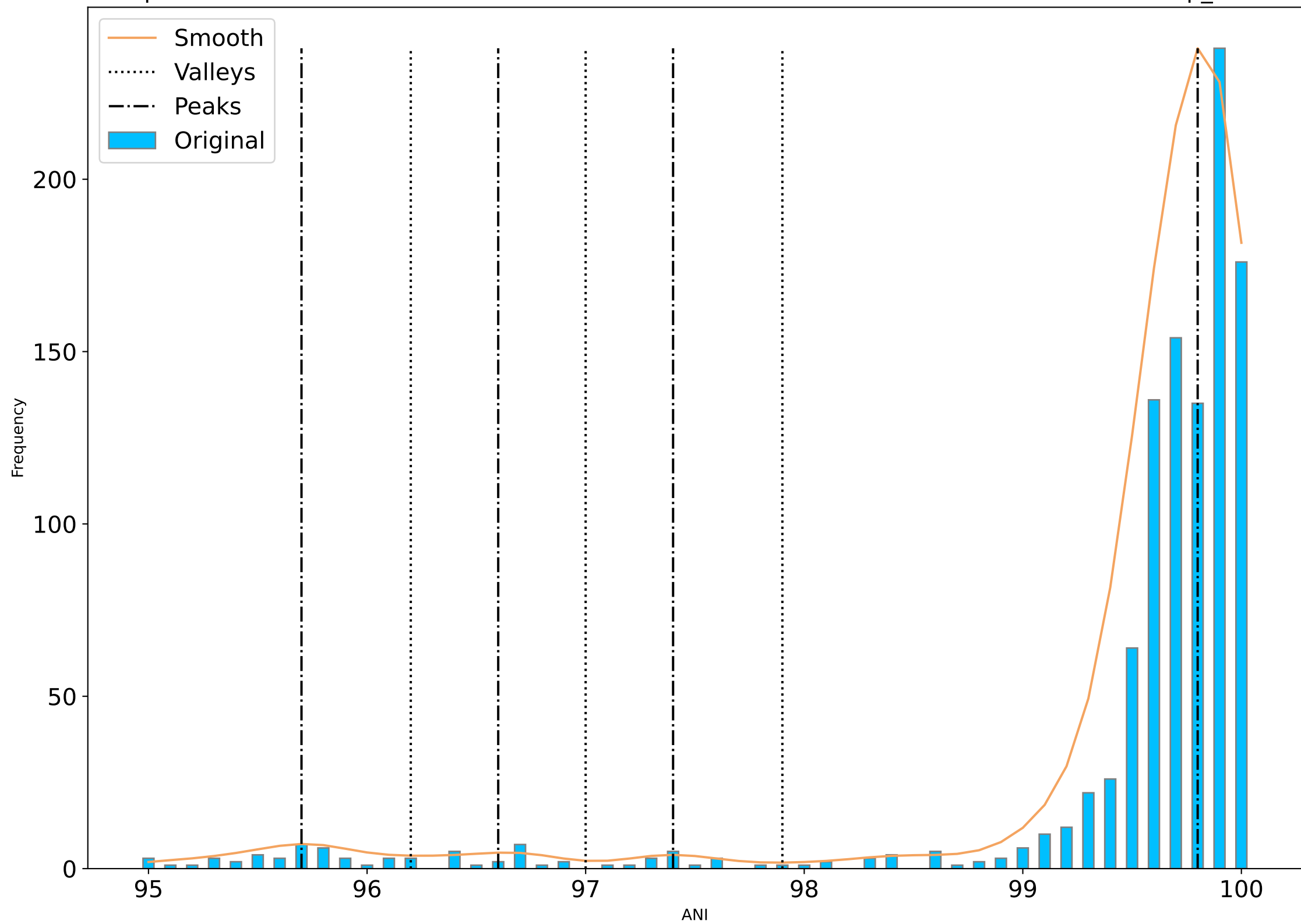
Norm_test 3.8338507915210757e-07

Dip_test 0.0



Species_354
Group 3

Norm_test 1.2187394390151947e-159
Dip_test 0.0

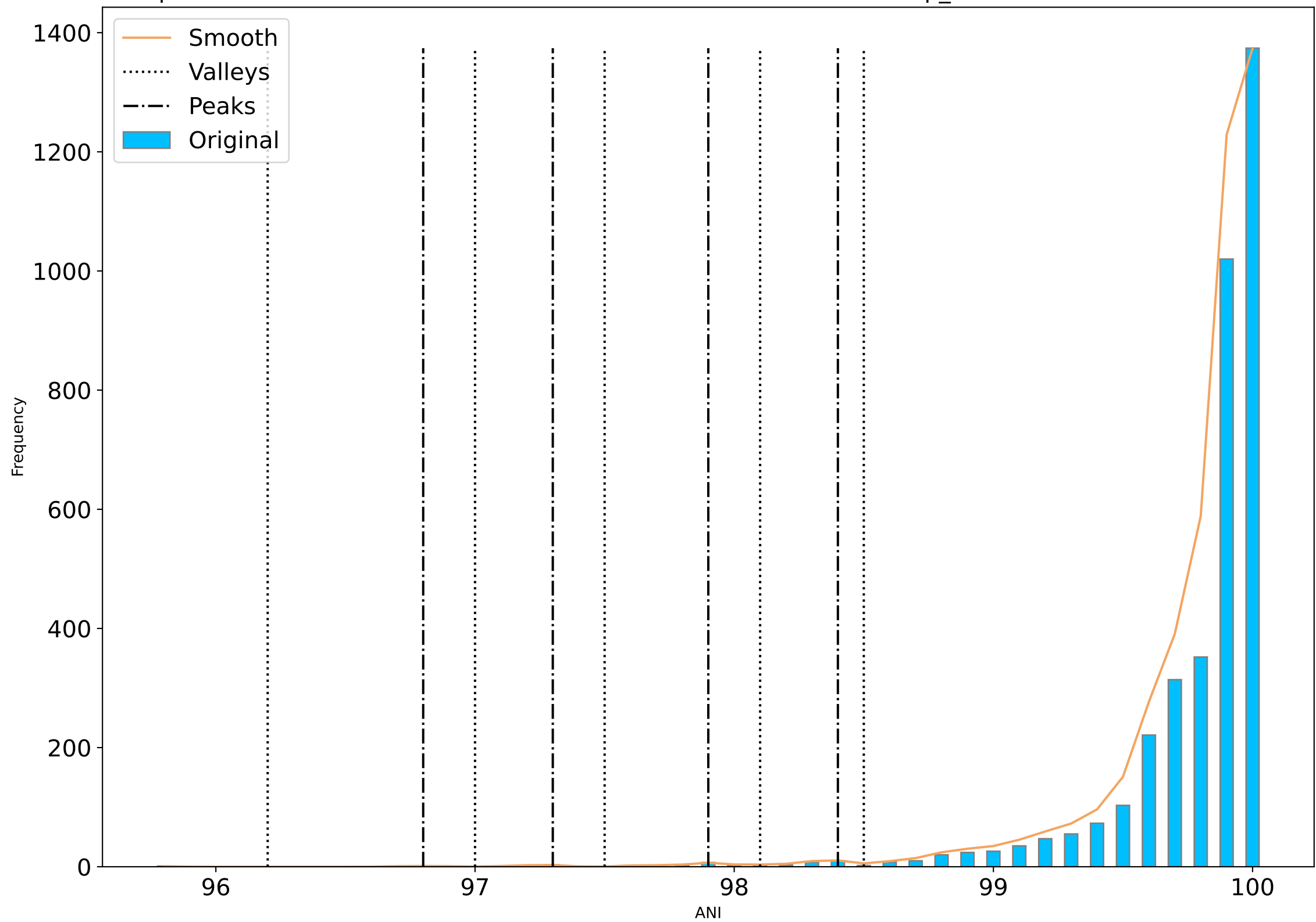


Species_358

Group 2

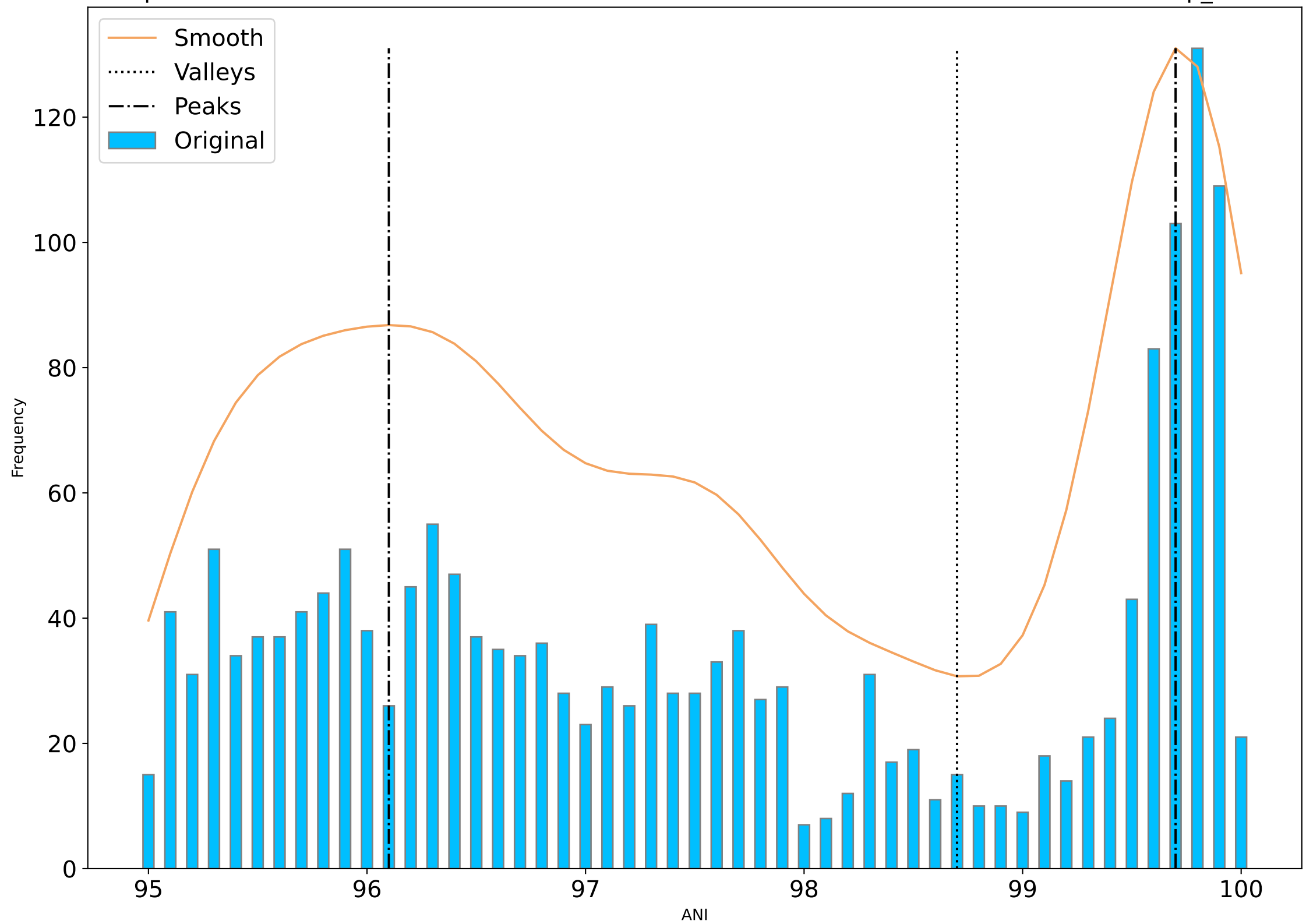
Norm_test 0.0

Dip_test 2.6167908502516823e-05



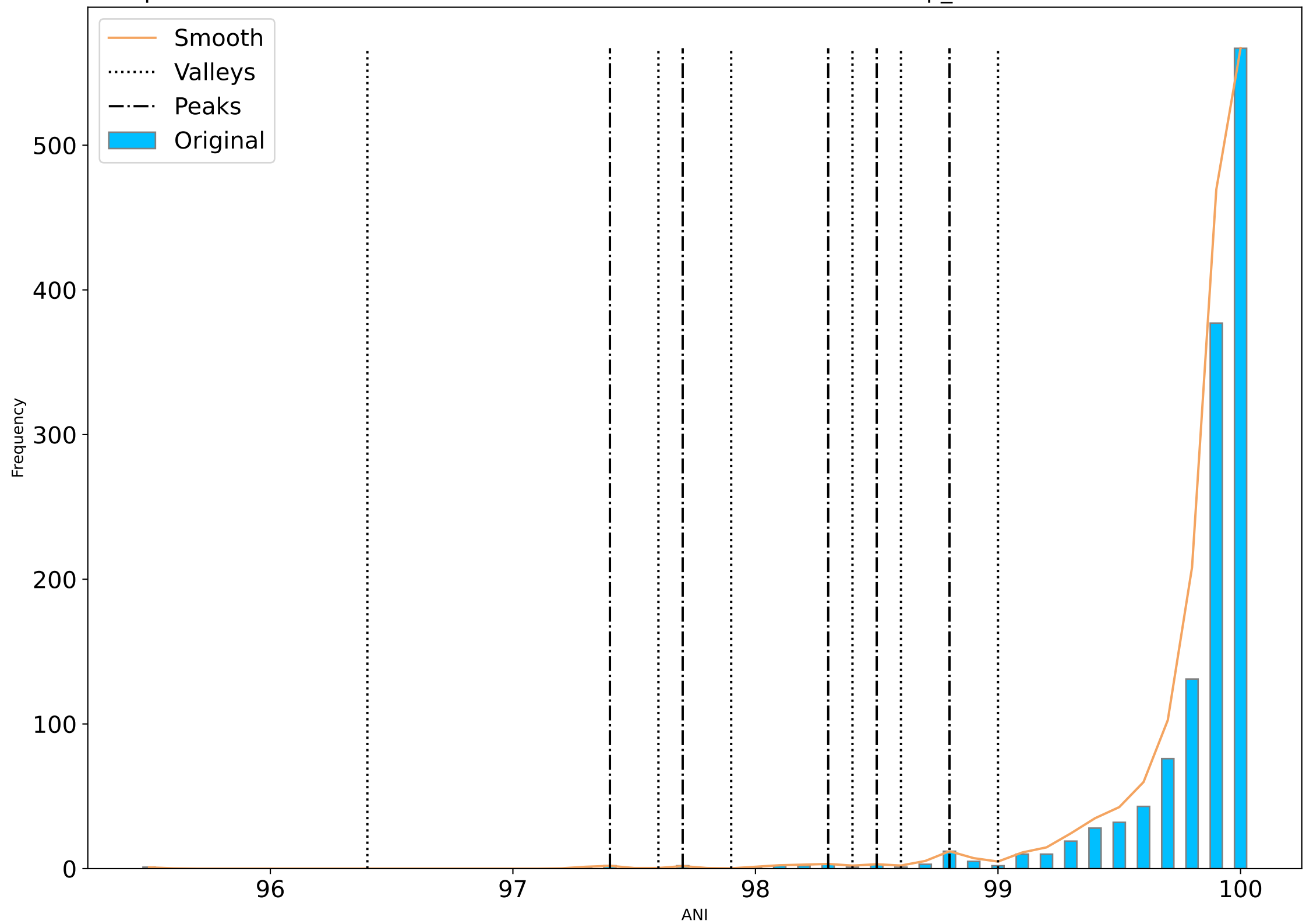
Species_359
Group 3

Norm_test 0.0
Dip_test 0.0



Species_360
Group 2

Norm_test 9.72874154662602e-297
Dip_test 6.747663194195397e-06

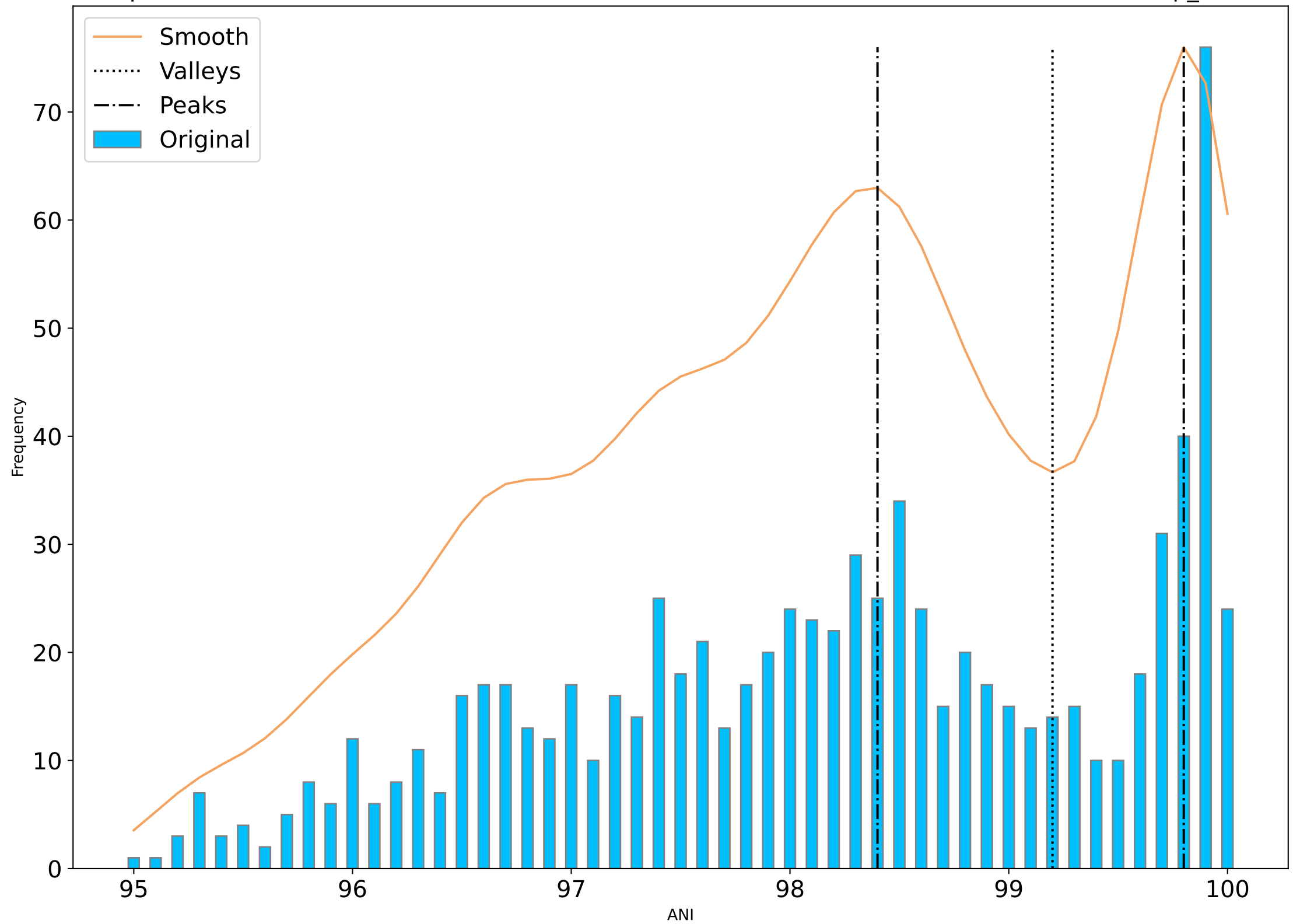


Species_361

Group 1

Norm_test 2.9278304689032417e-20

Dip_test 0.0

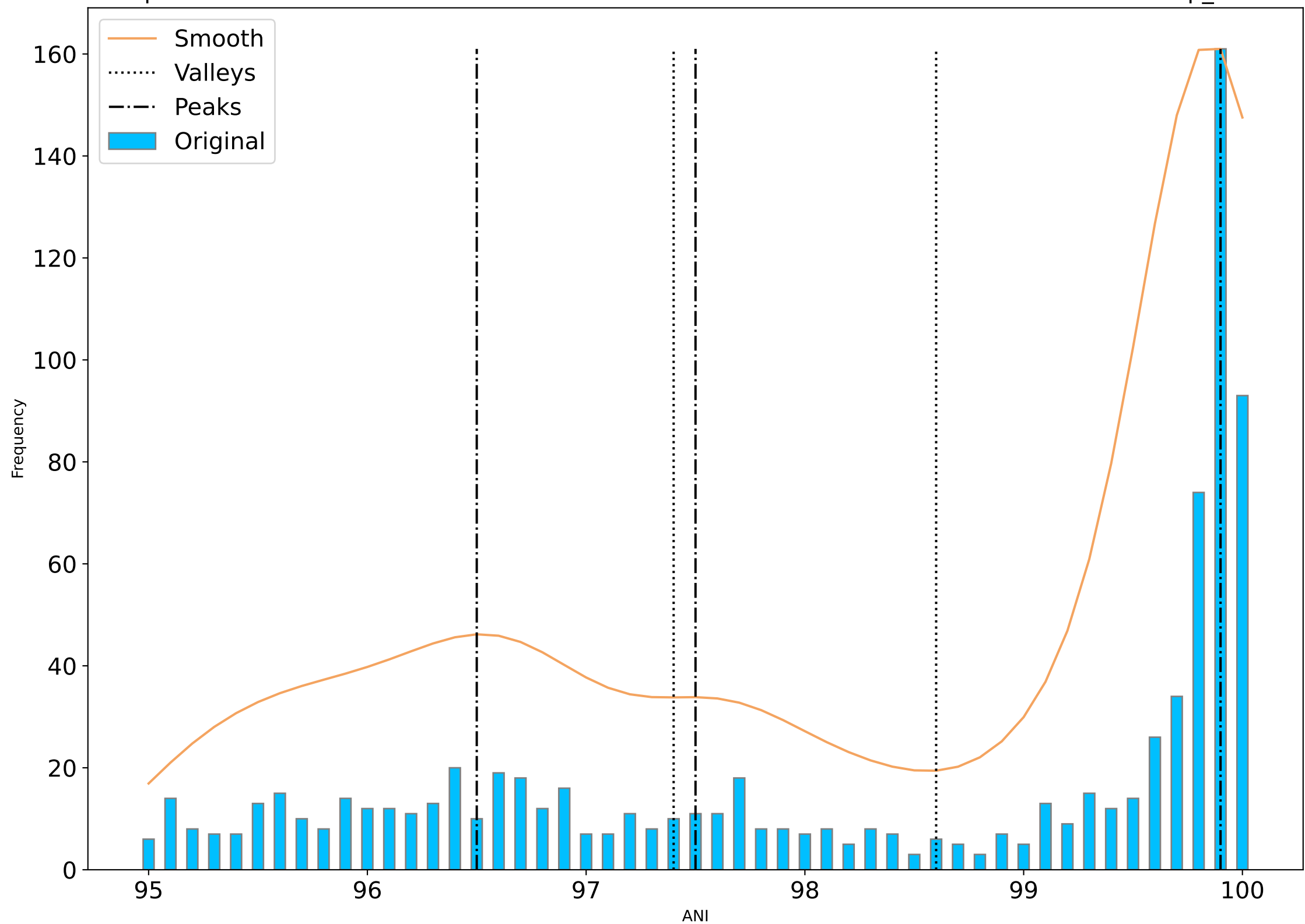


Species_364

Group 3

Norm_test 1.0800306223913124e-262

Dip_test 0.0

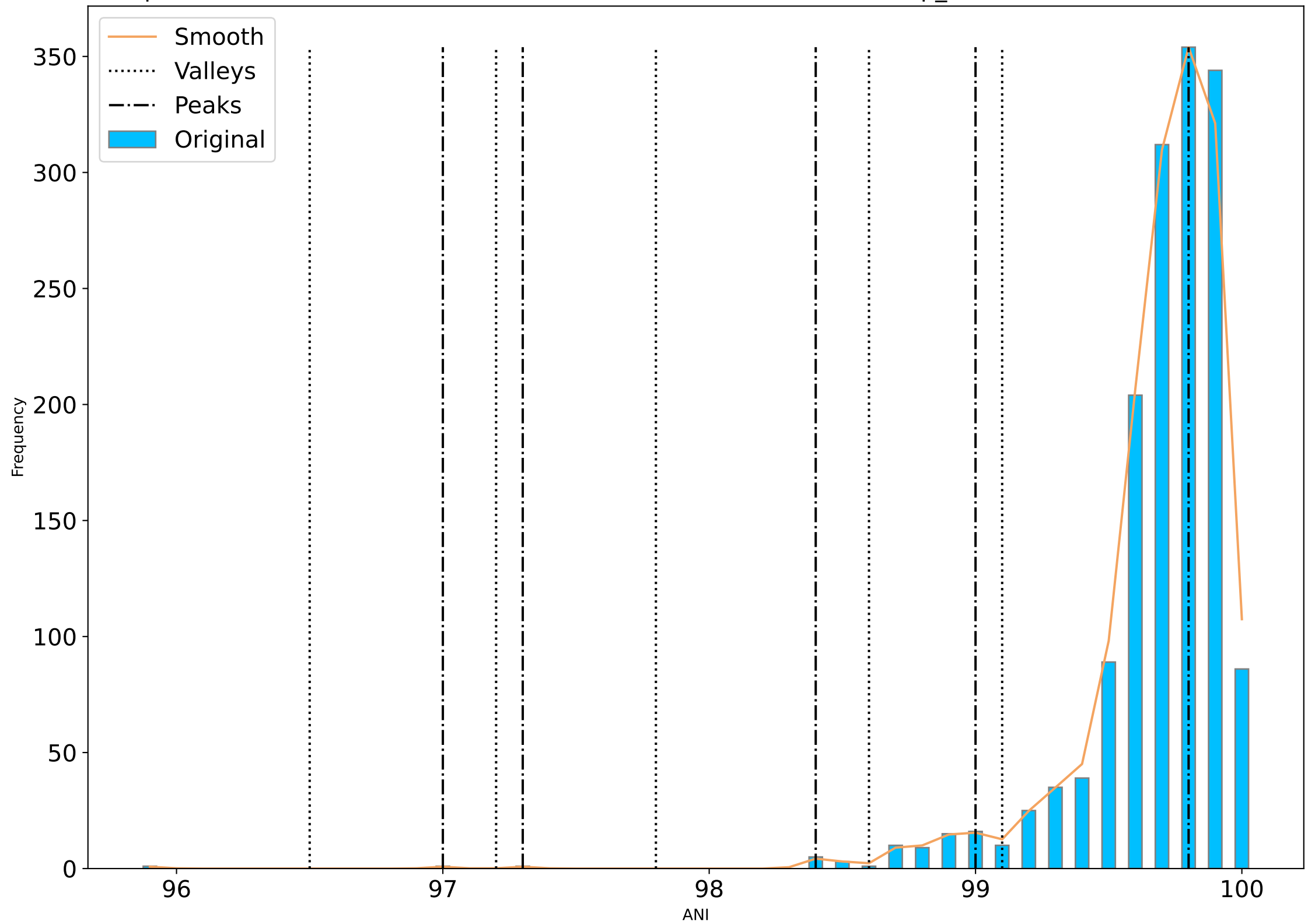


Species_365

Group 2

Norm_test 3.998014345630265e-301

Dip_test 0.0007670709012871368

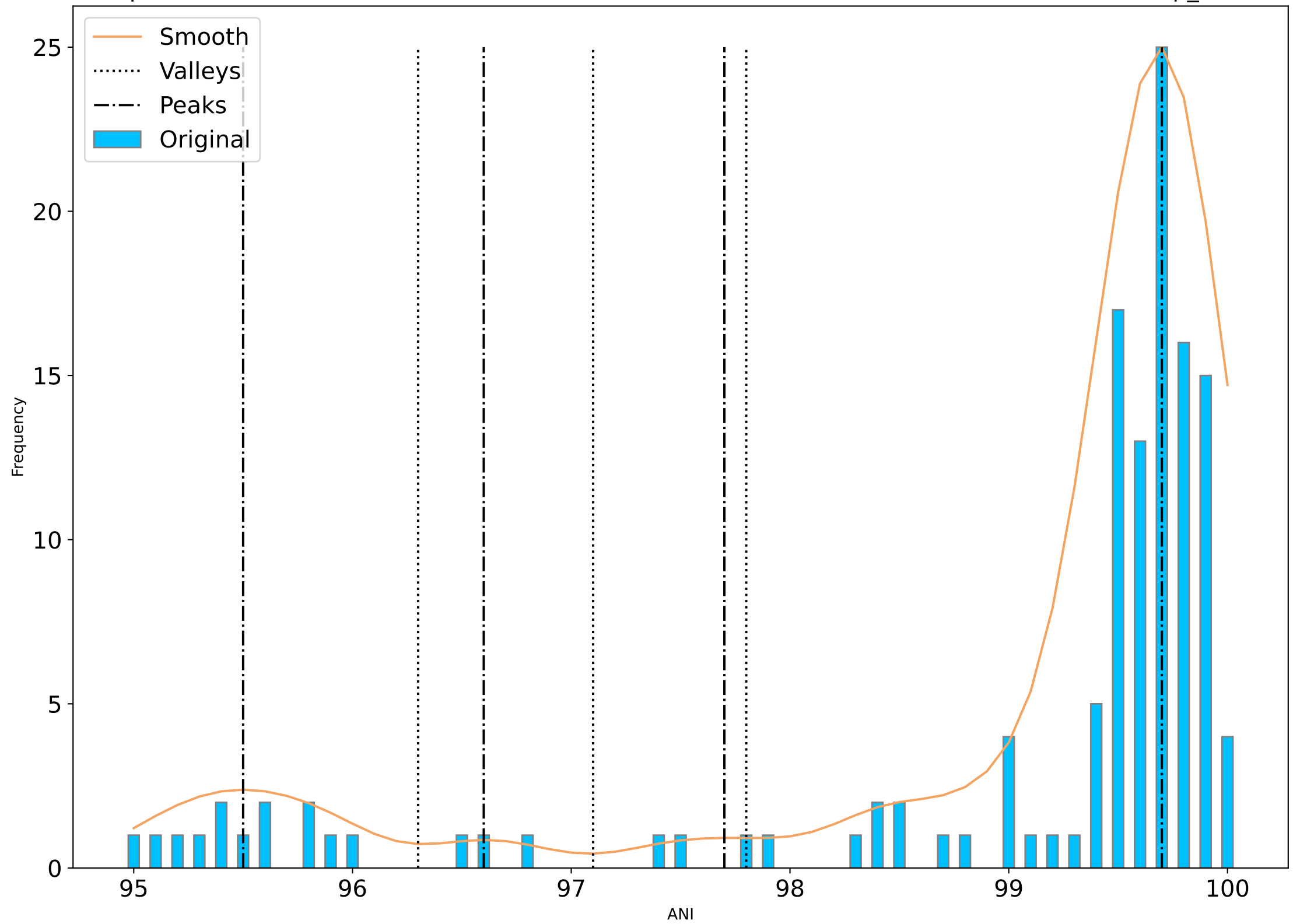


Species_366

Group 3

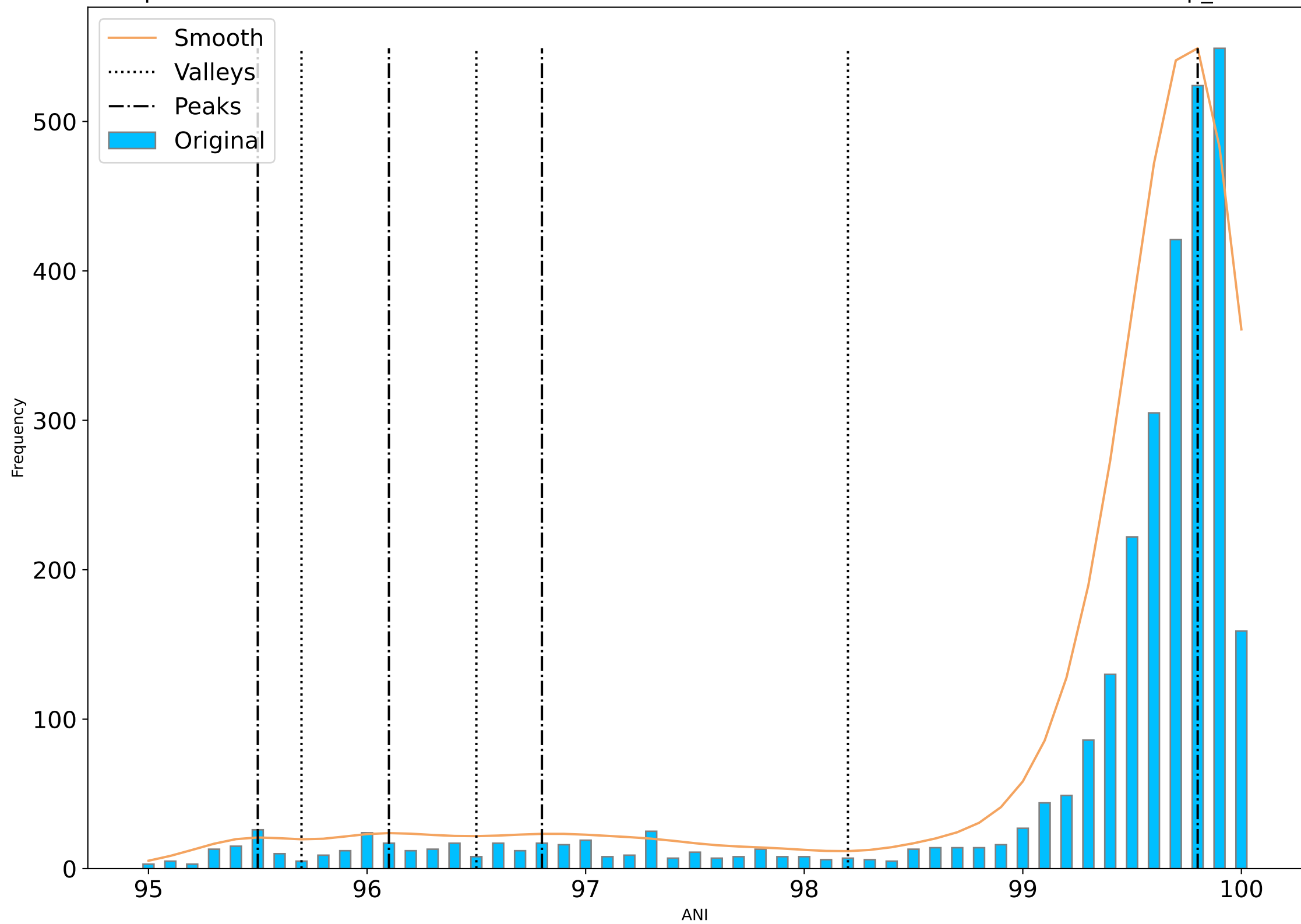
Norm_test 1.7264200519866056e-12

Dip_test 0.0



Species_368
Group 3

Norm_test 2.6195576886287647e-284
Dip_test 0.0

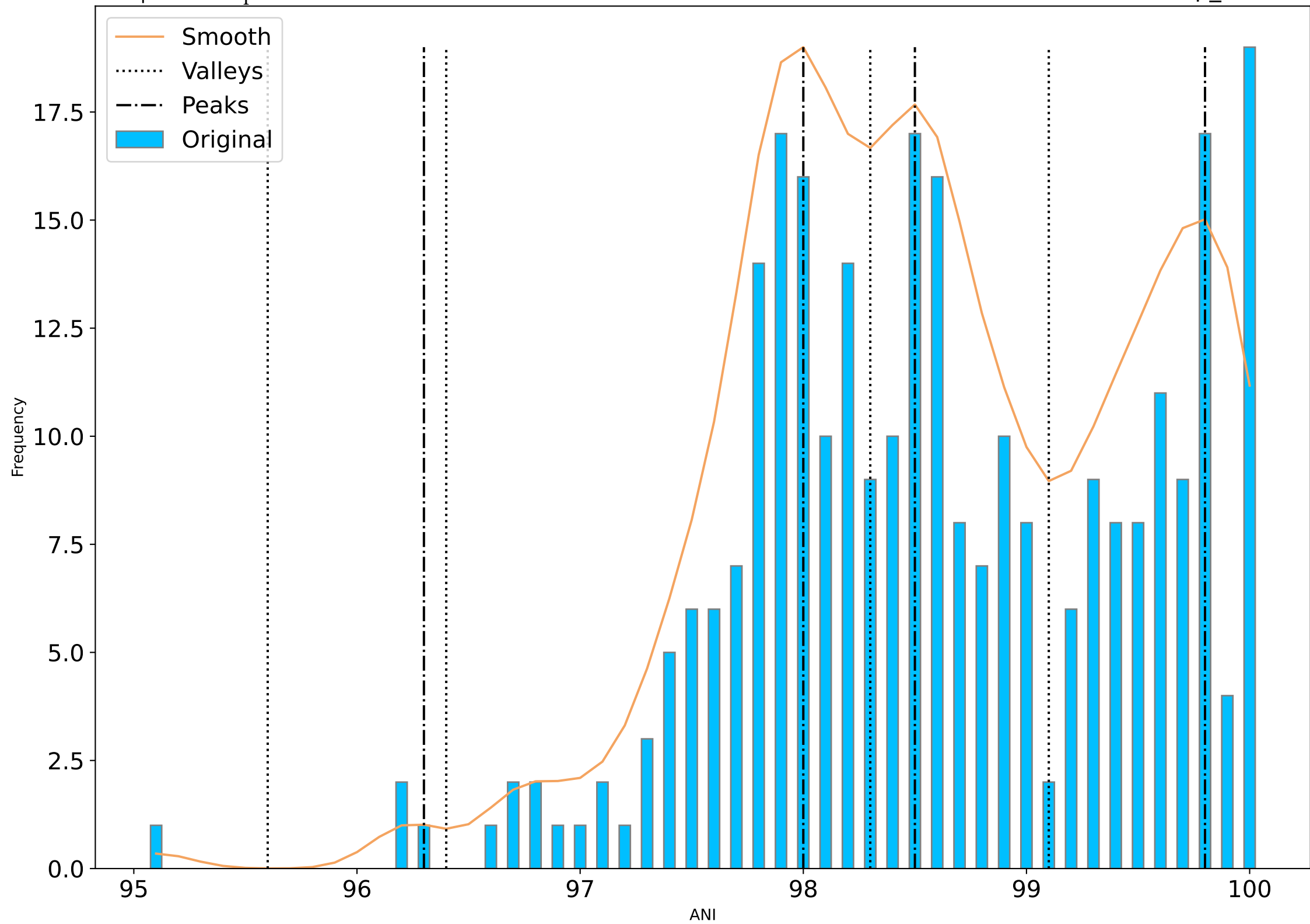


Species_369

Norm_test 0.141500719423335

~~Group 3~~ Group 1

Dip_test 0.0

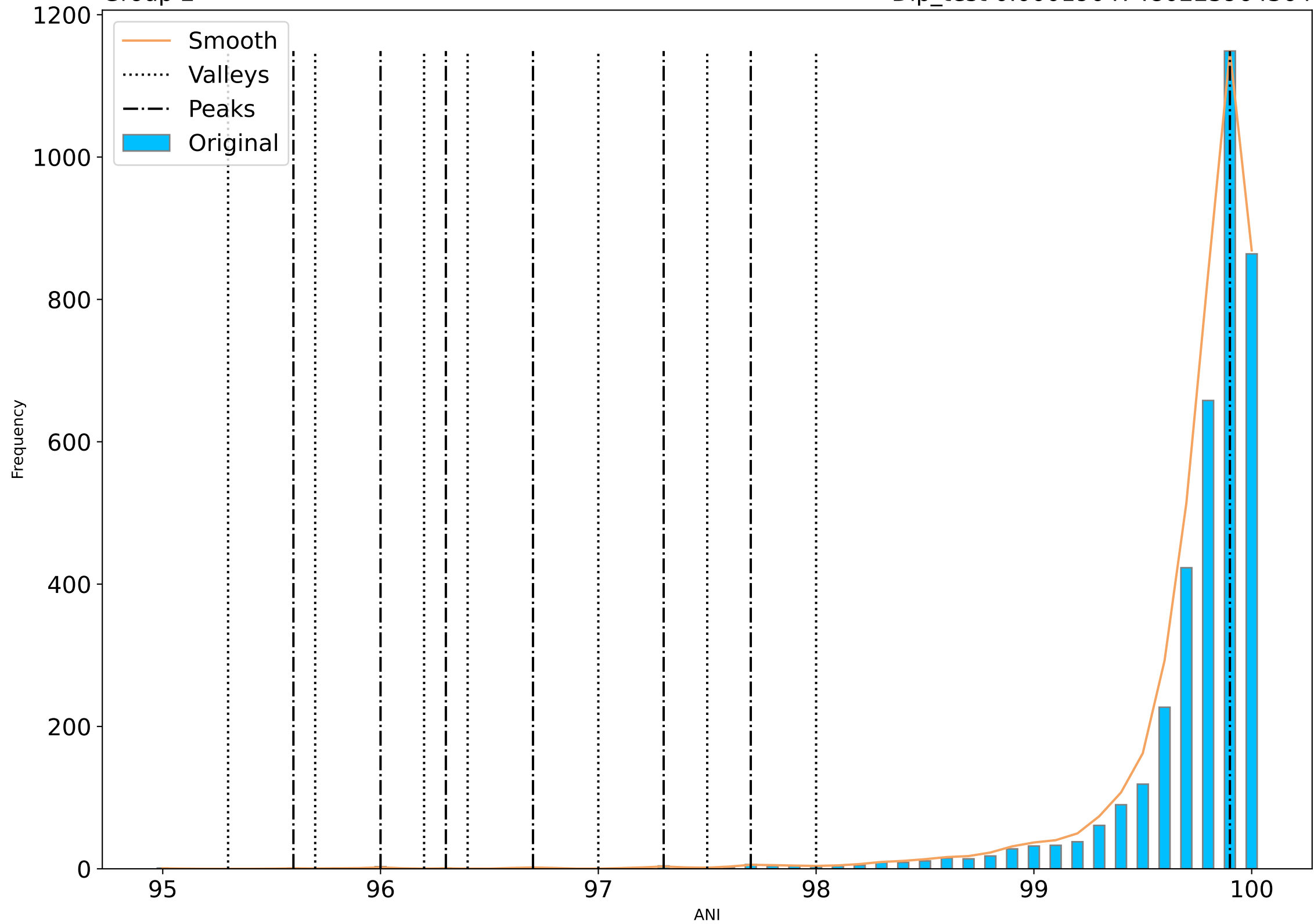


Species_370

Group 2

Norm_test 0.0

Dip_test 0.00019047480225964364

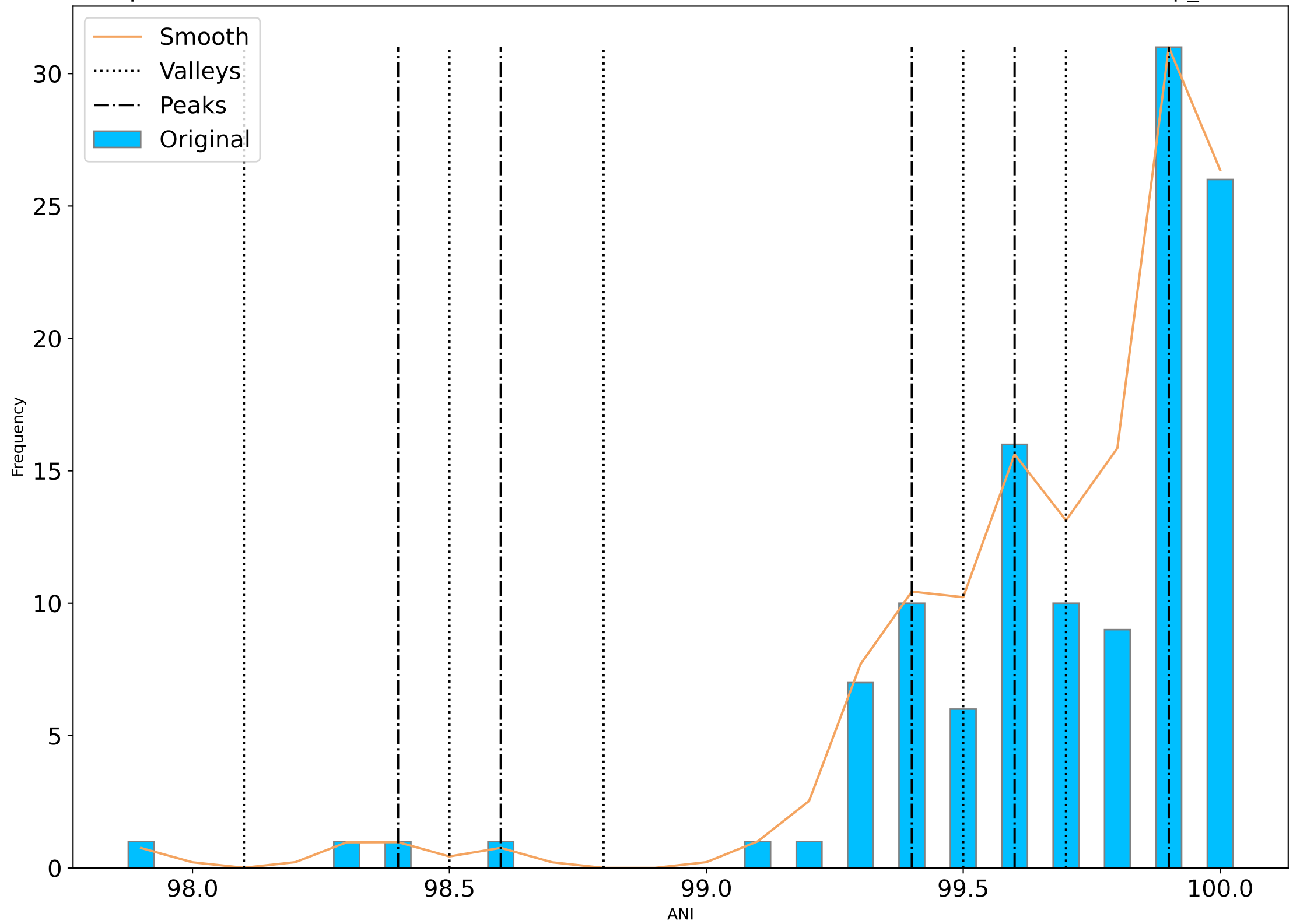


Species_371

Group 2

Norm_test 2.79248902110746e-18

Dip_test 0.0

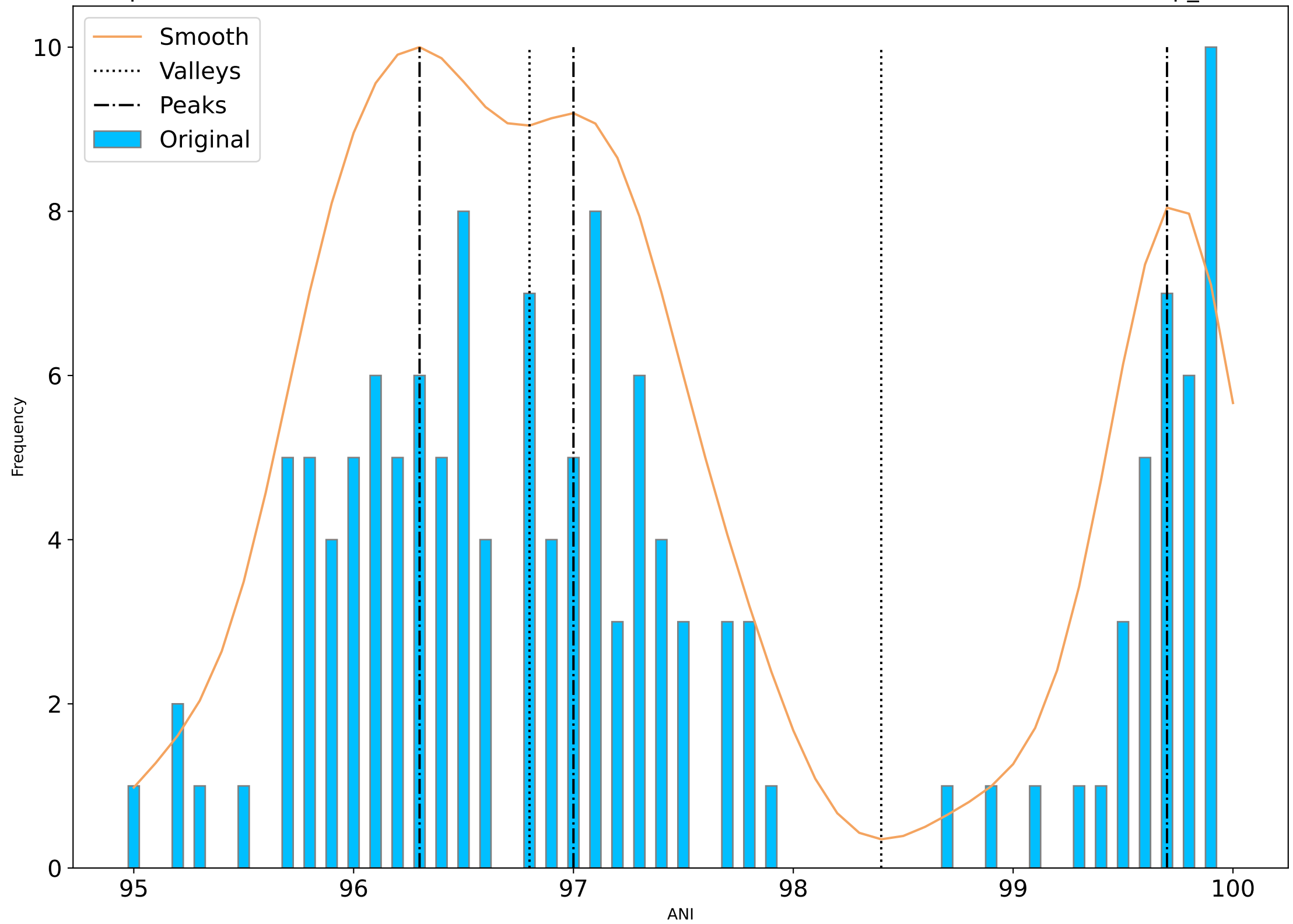


Species_372

Group 3

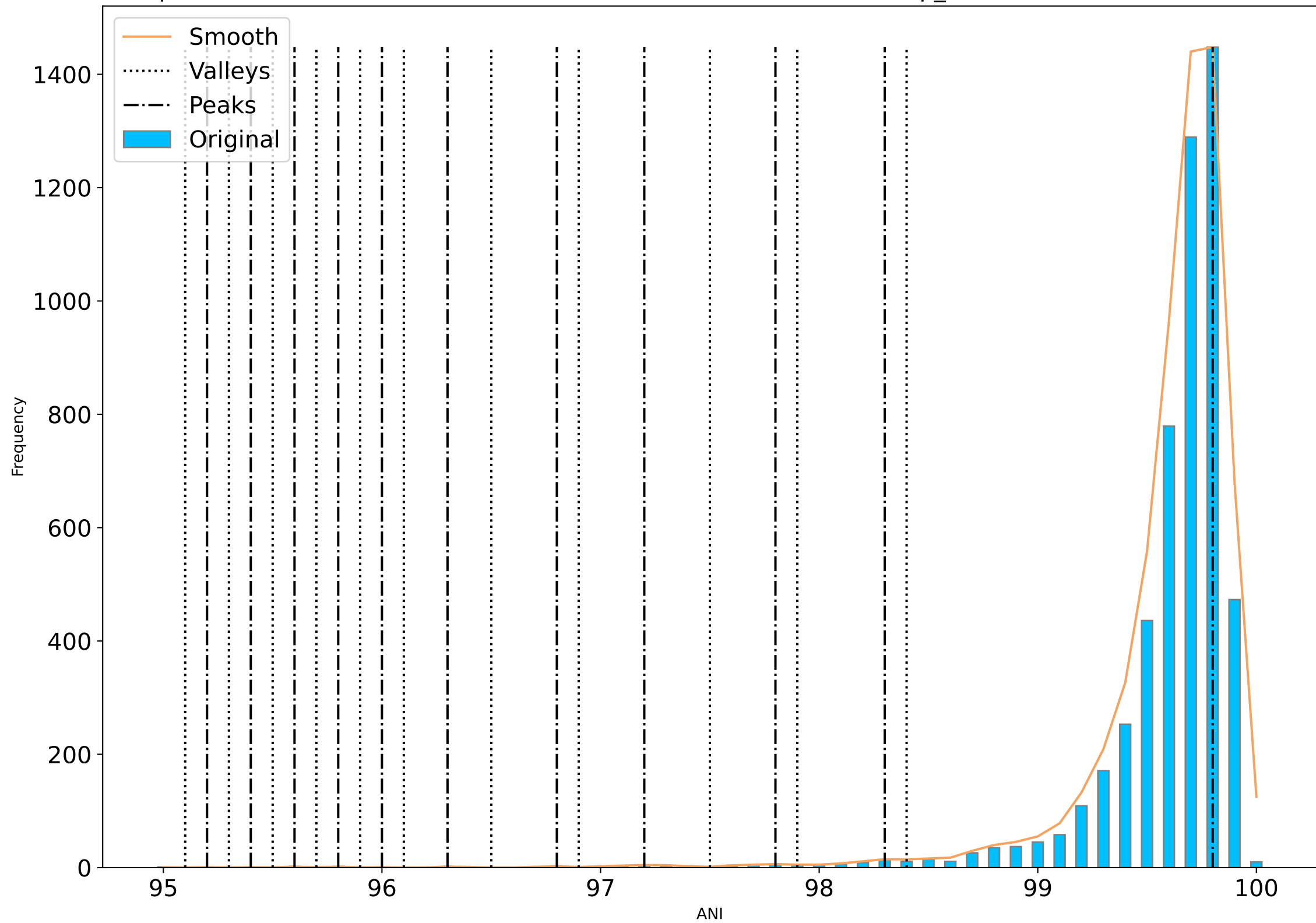
Norm_test 1.15095740011111e-06

Dip_test 0.0



Species_373
Group 2

Norm_test 0.0
Dip_test 0.00035004935132509907

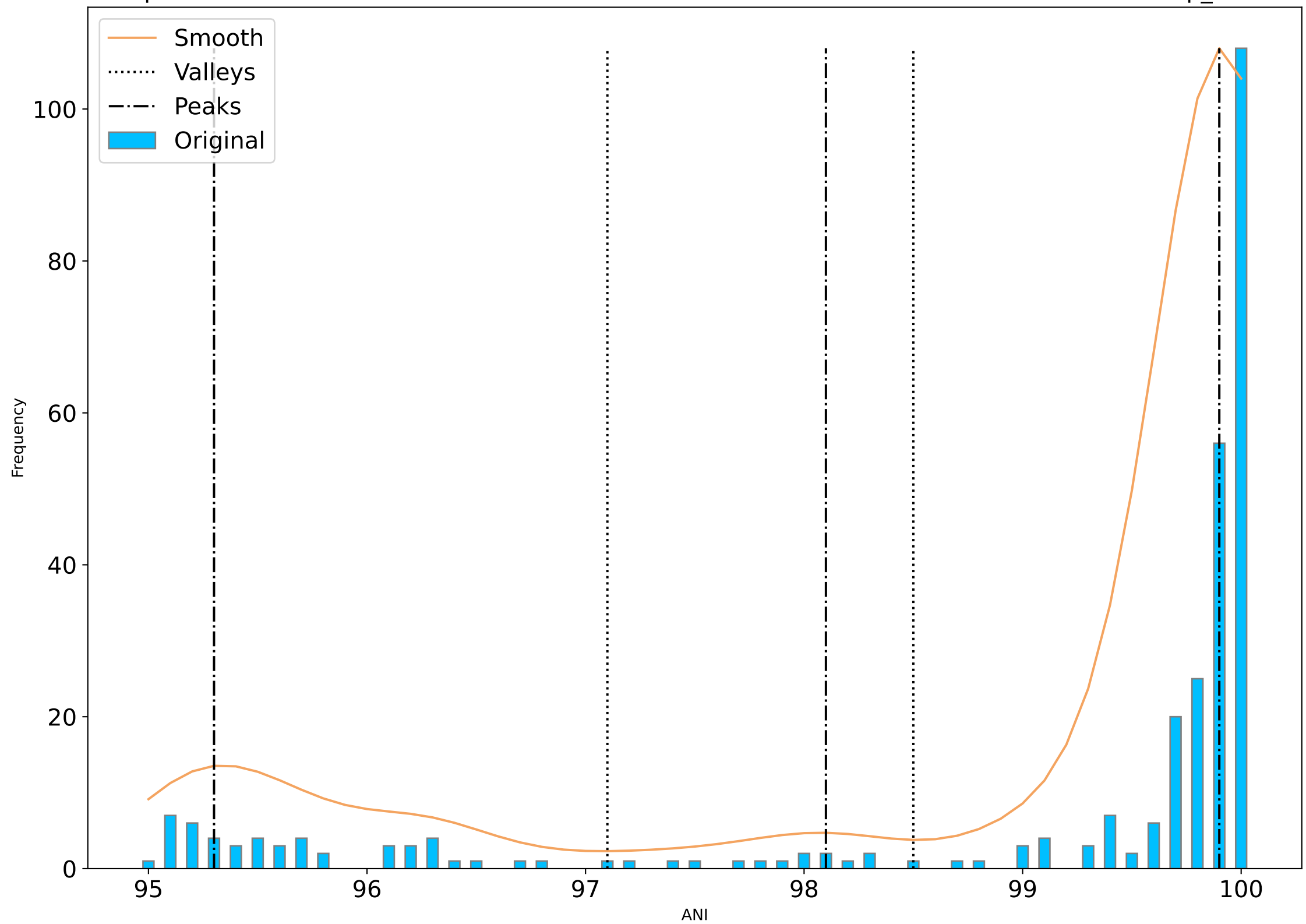


Species_374

Group 3

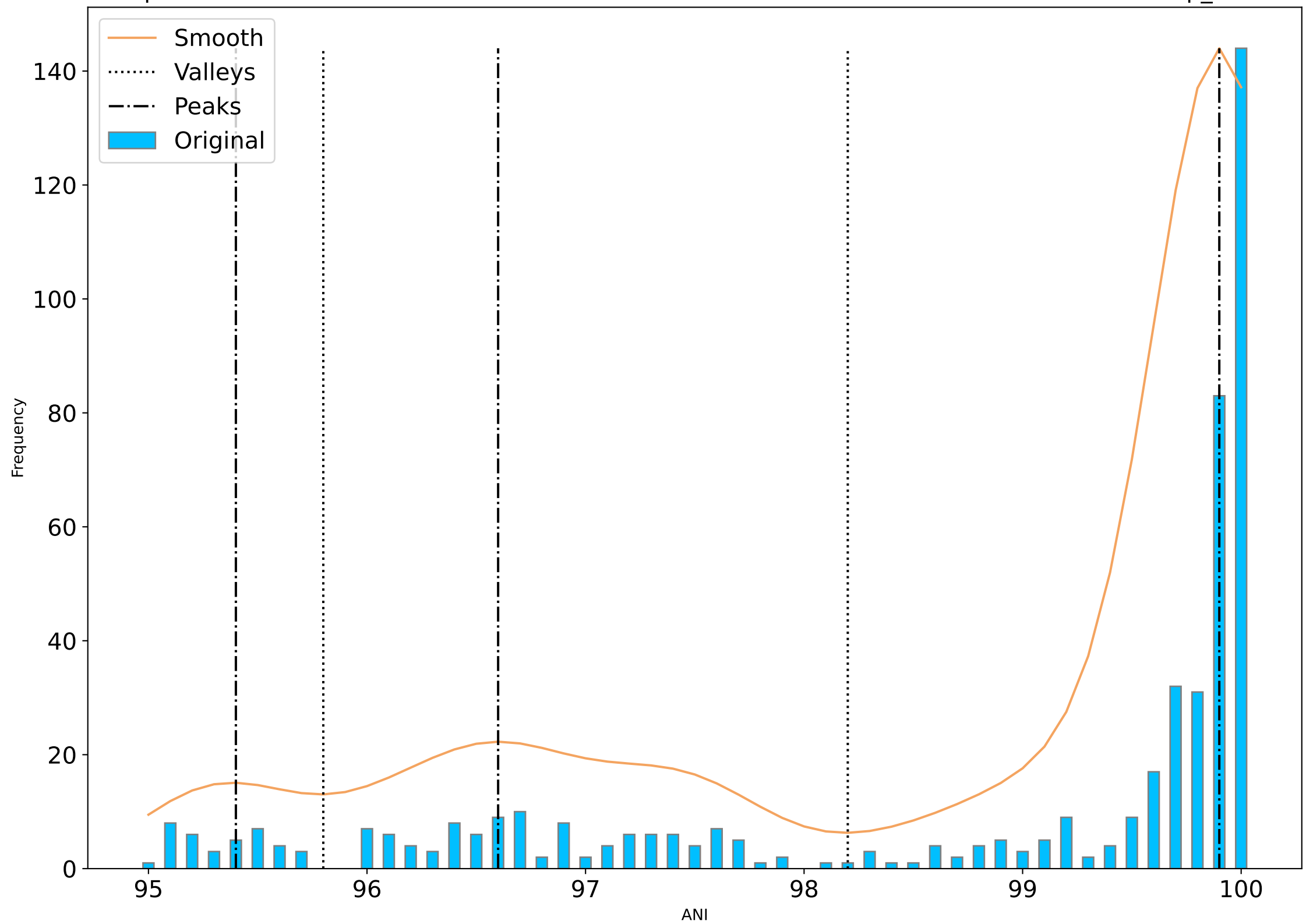
Norm_test 1.457467903256556e-18

Dip_test 0.0



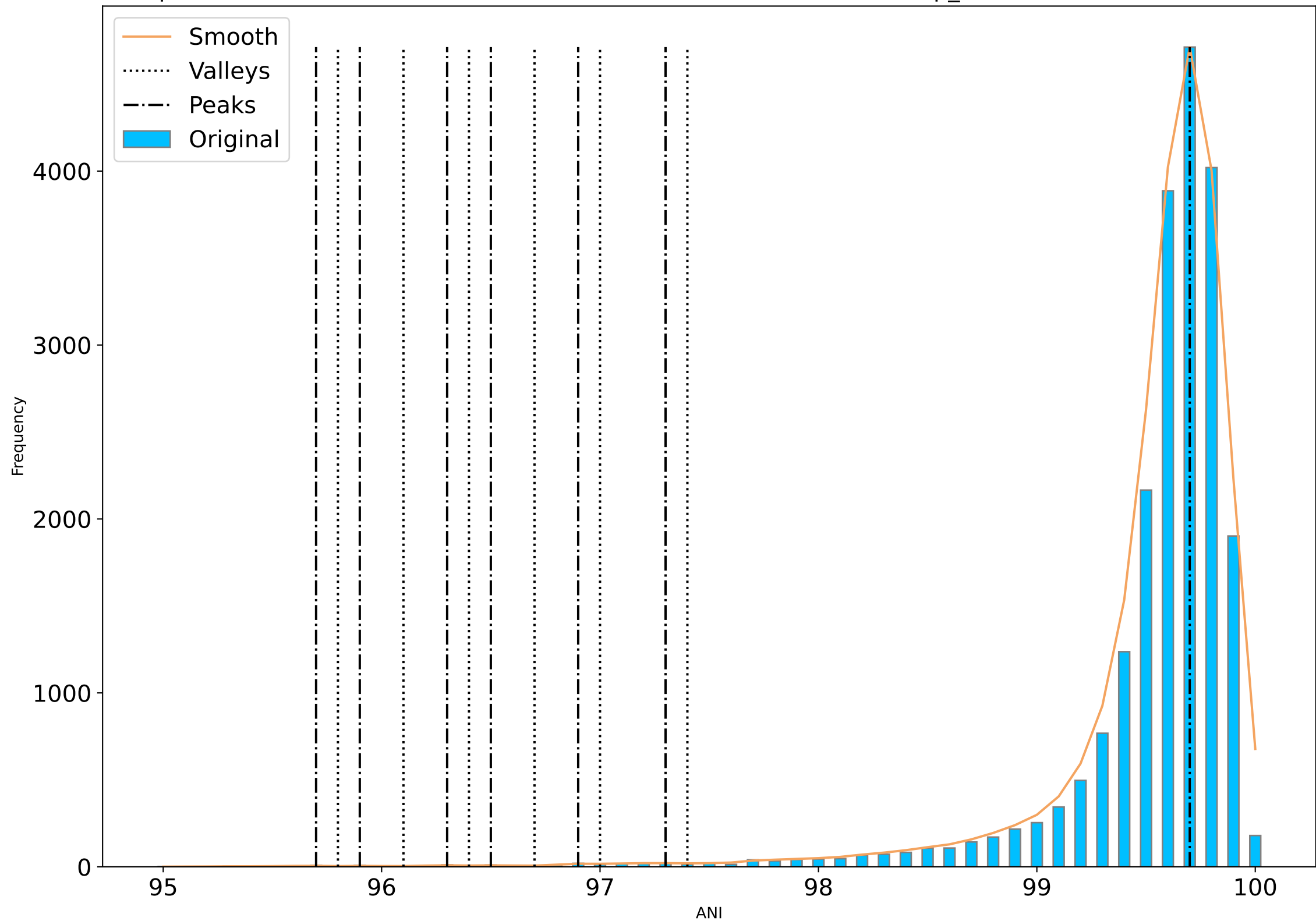
Species_375
Group 3

Norm_test 6.1199919735671e-17
Dip_test 0.0



Species_376
Group 2

Norm_test 0.0
Dip_test 0.0022472892200315897

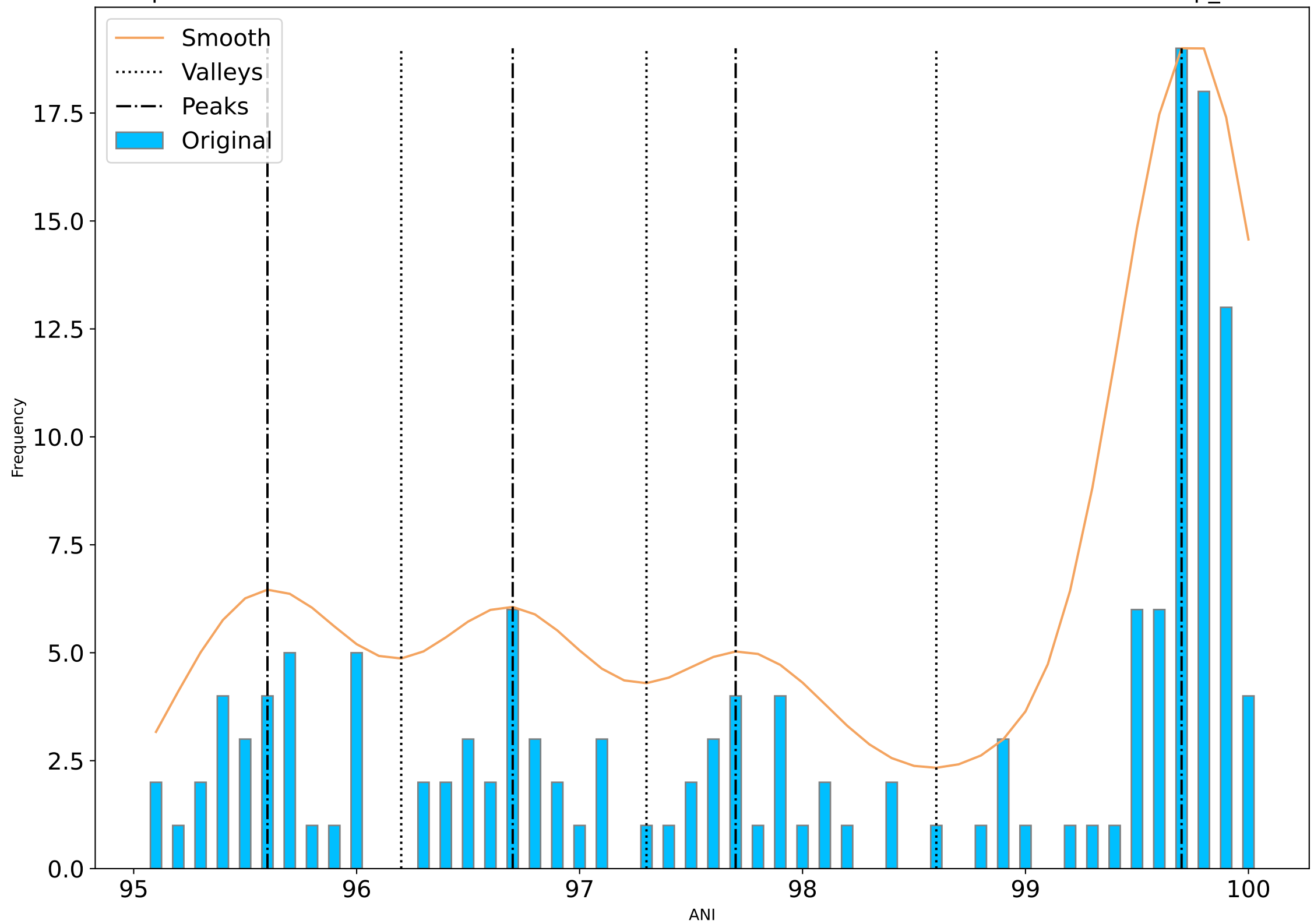


Species_377

Group 3

Norm_test 5.877216543960844e-63

Dip_test 0.0

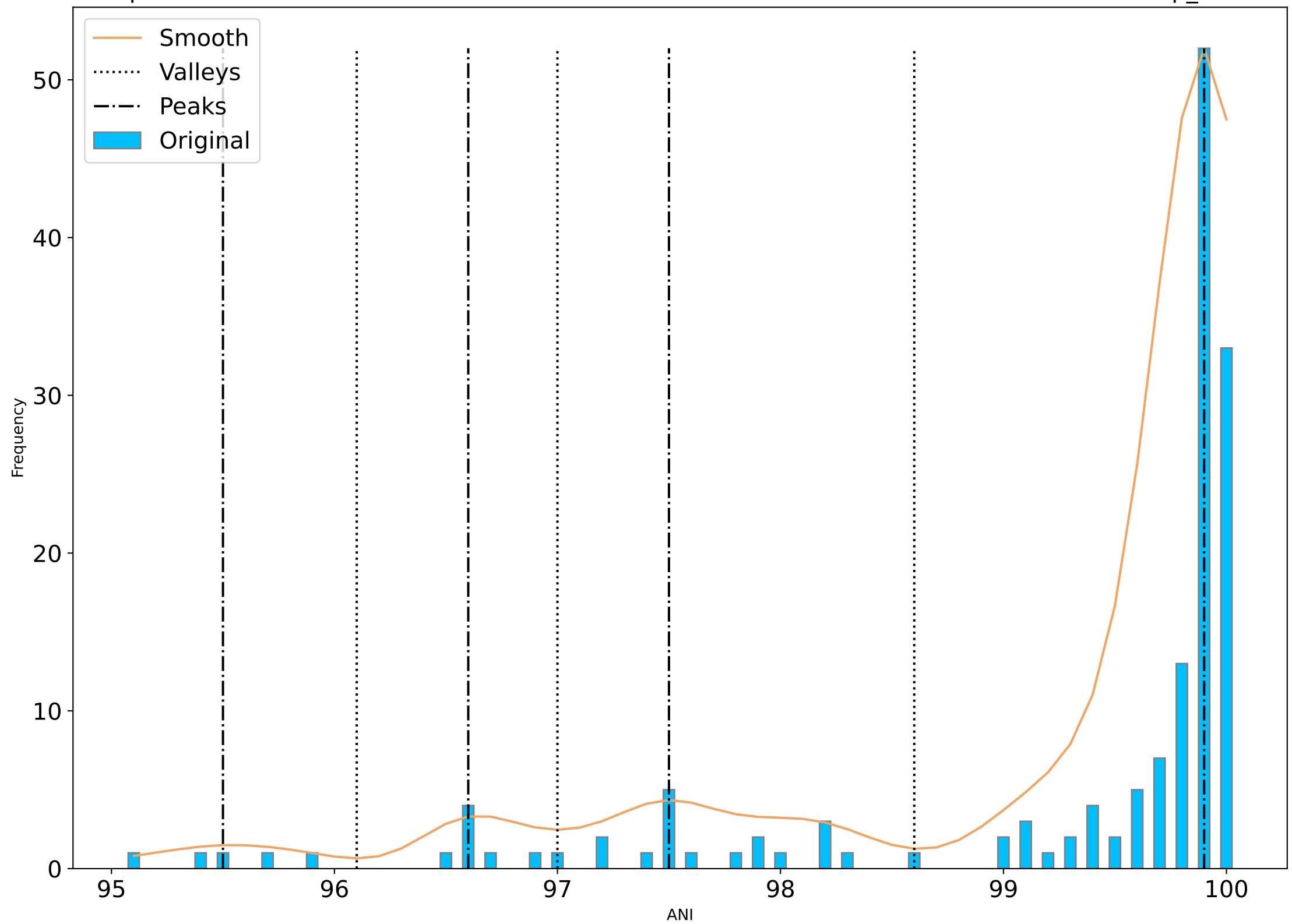


Species_378

Group 3

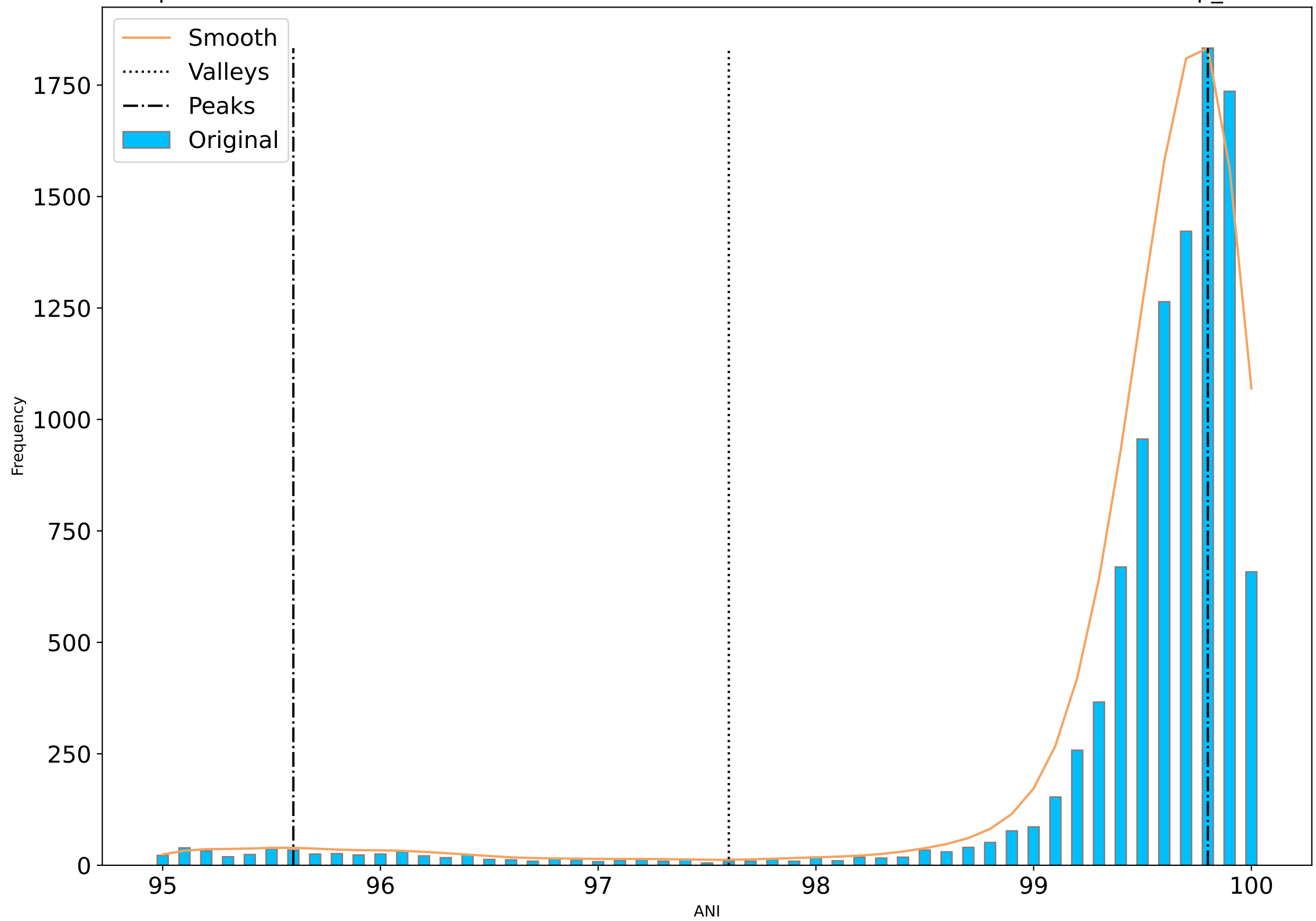
Norm_test 5.589942703399767e-14

Dip_test 0.0



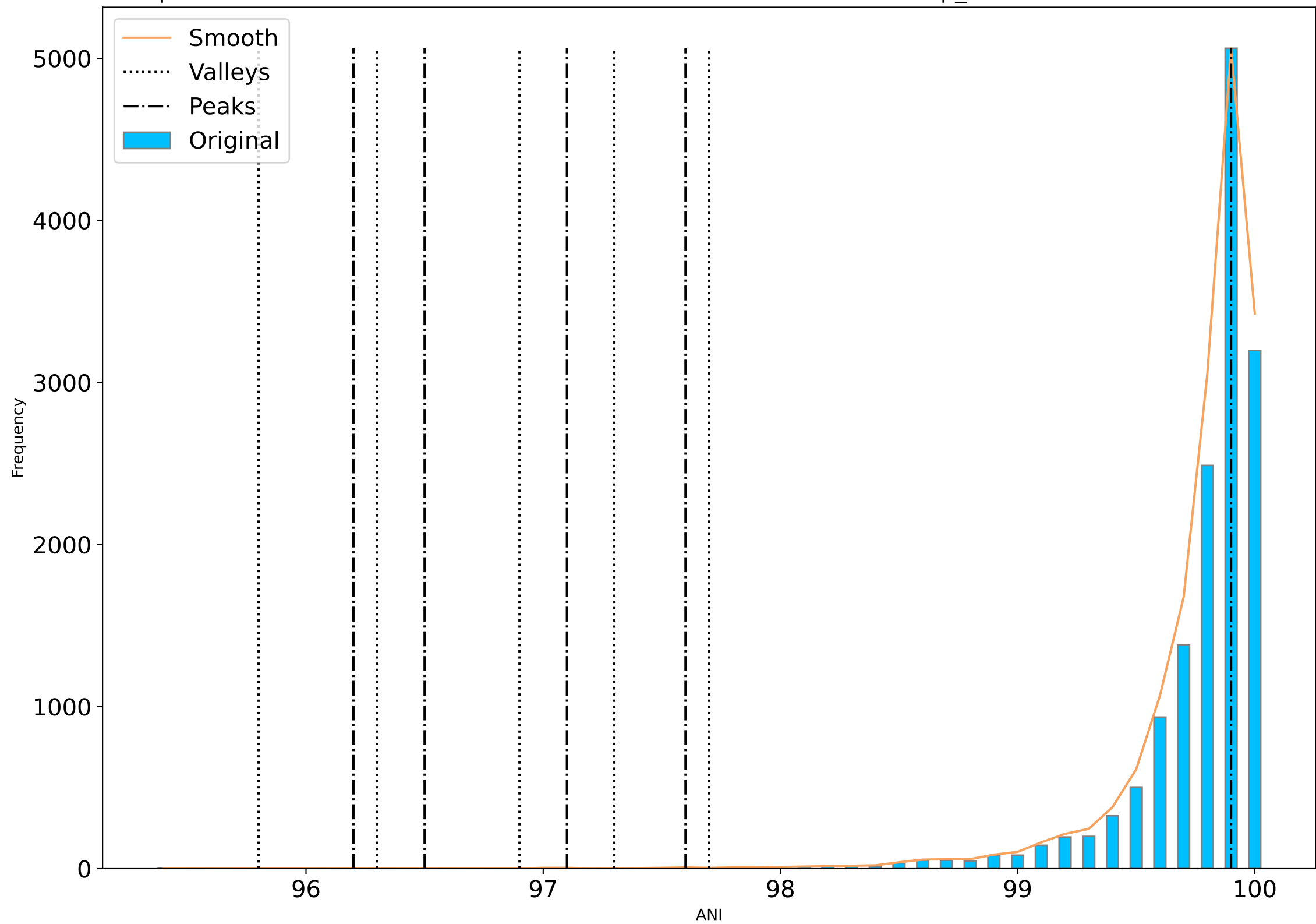
Species_379
Group 3

Norm_test 0.0
Dip_test 0.0



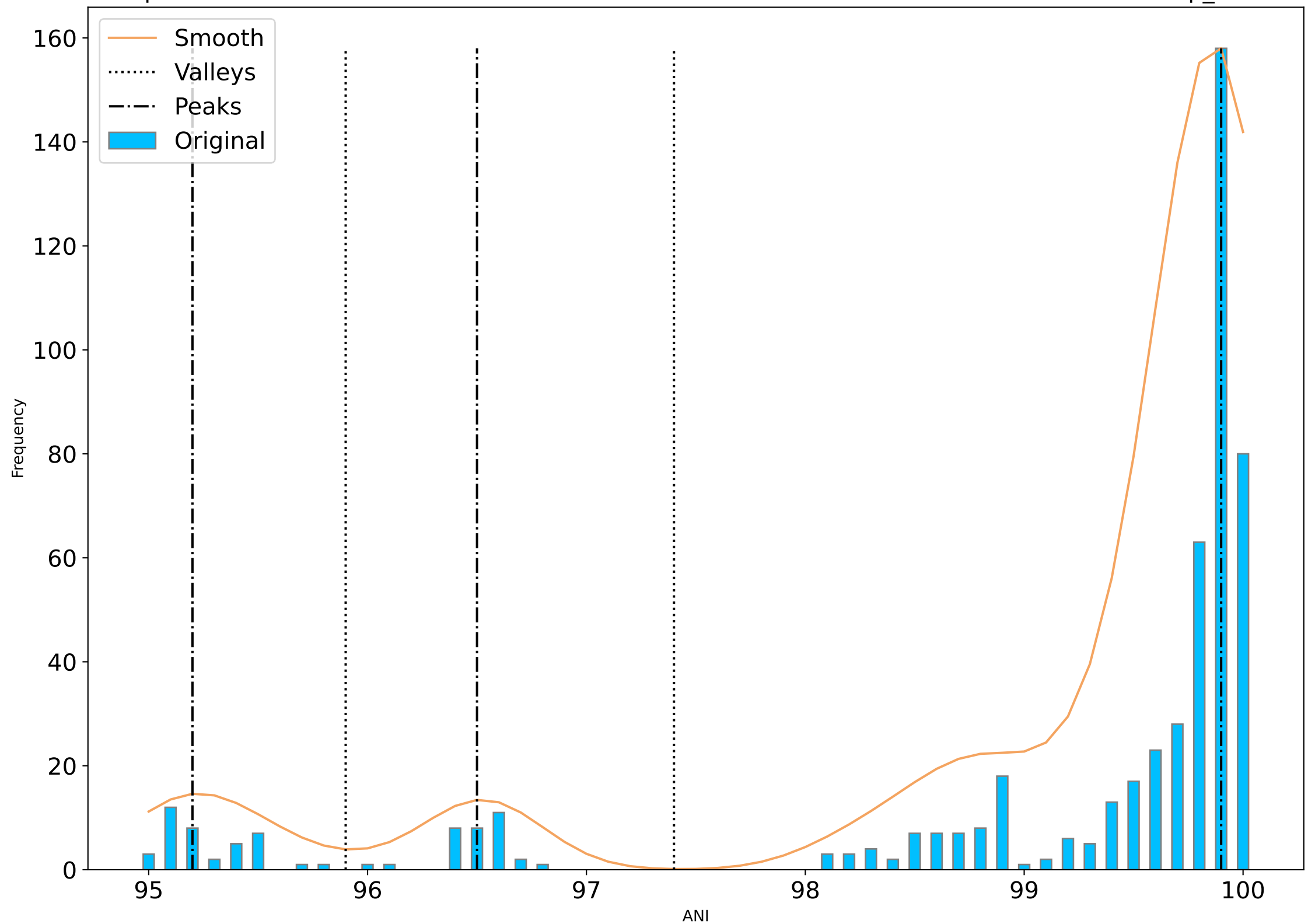
Species_381
Group 2

Norm_test 0.0
Dip_test 3.880306141579304e-05



Species_382
Group 3

Norm_test 7.597350338902797e-42
Dip_test 0.0

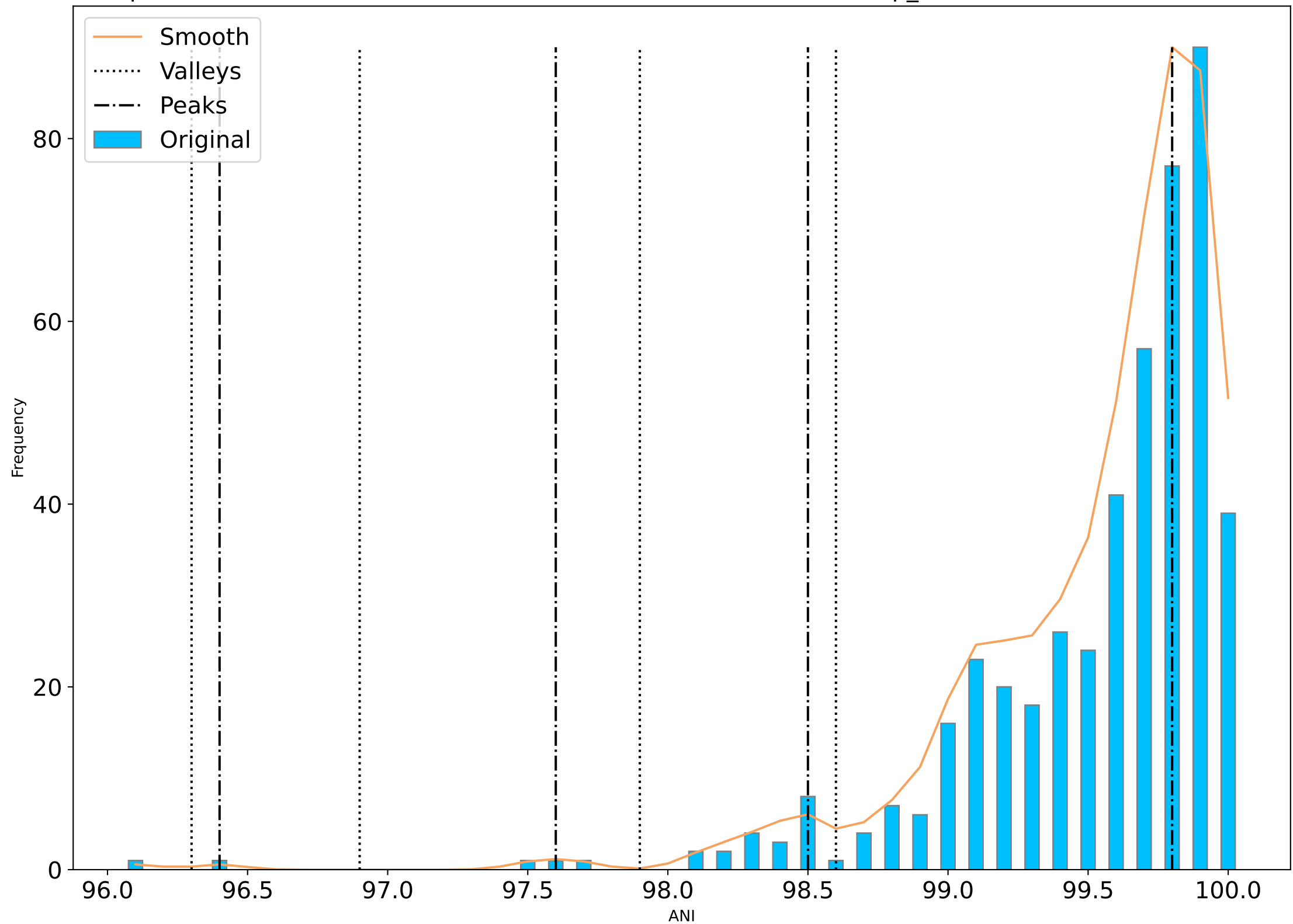


Species_383

Group 2

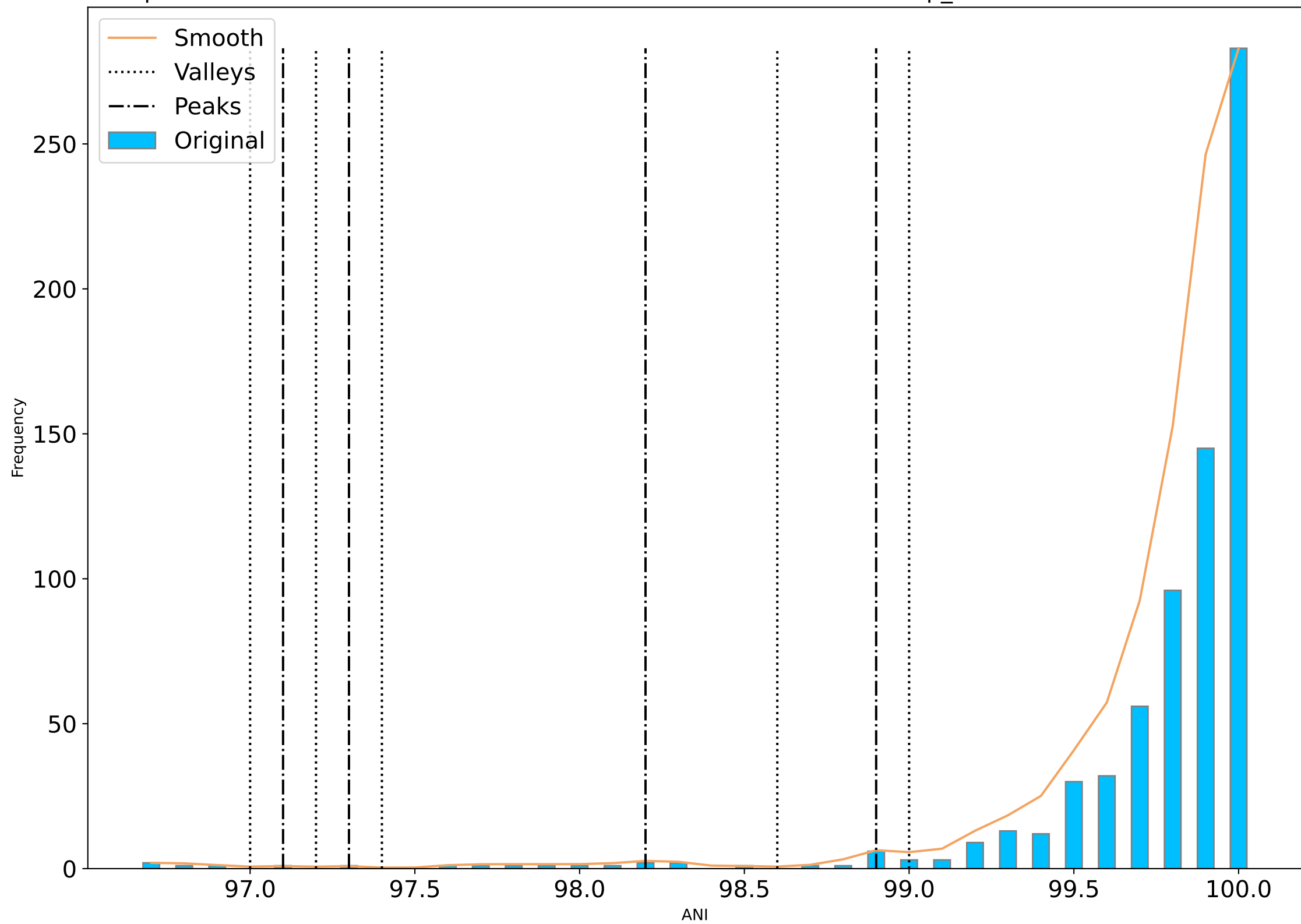
Norm_test 2.0380070427626972e-61

Dip_test 0.00043879524125722824



Species_384
Group 2

Norm_test 6.251746537003409e-146
Dip_test 7.504150446846491e-05

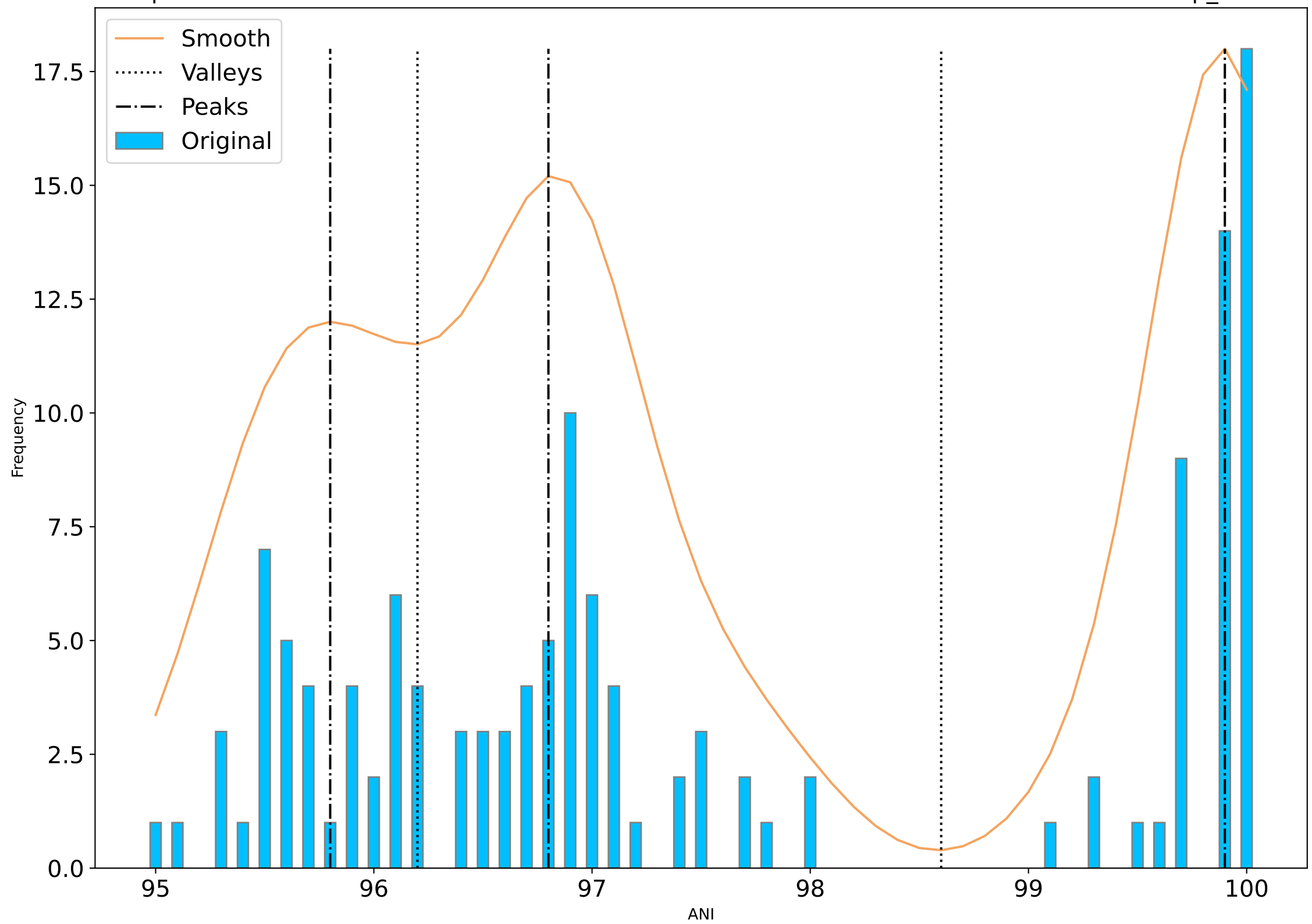


Species_385

Group 3

Norm_test 2.969716084776147e-114

Dip_test 0.0

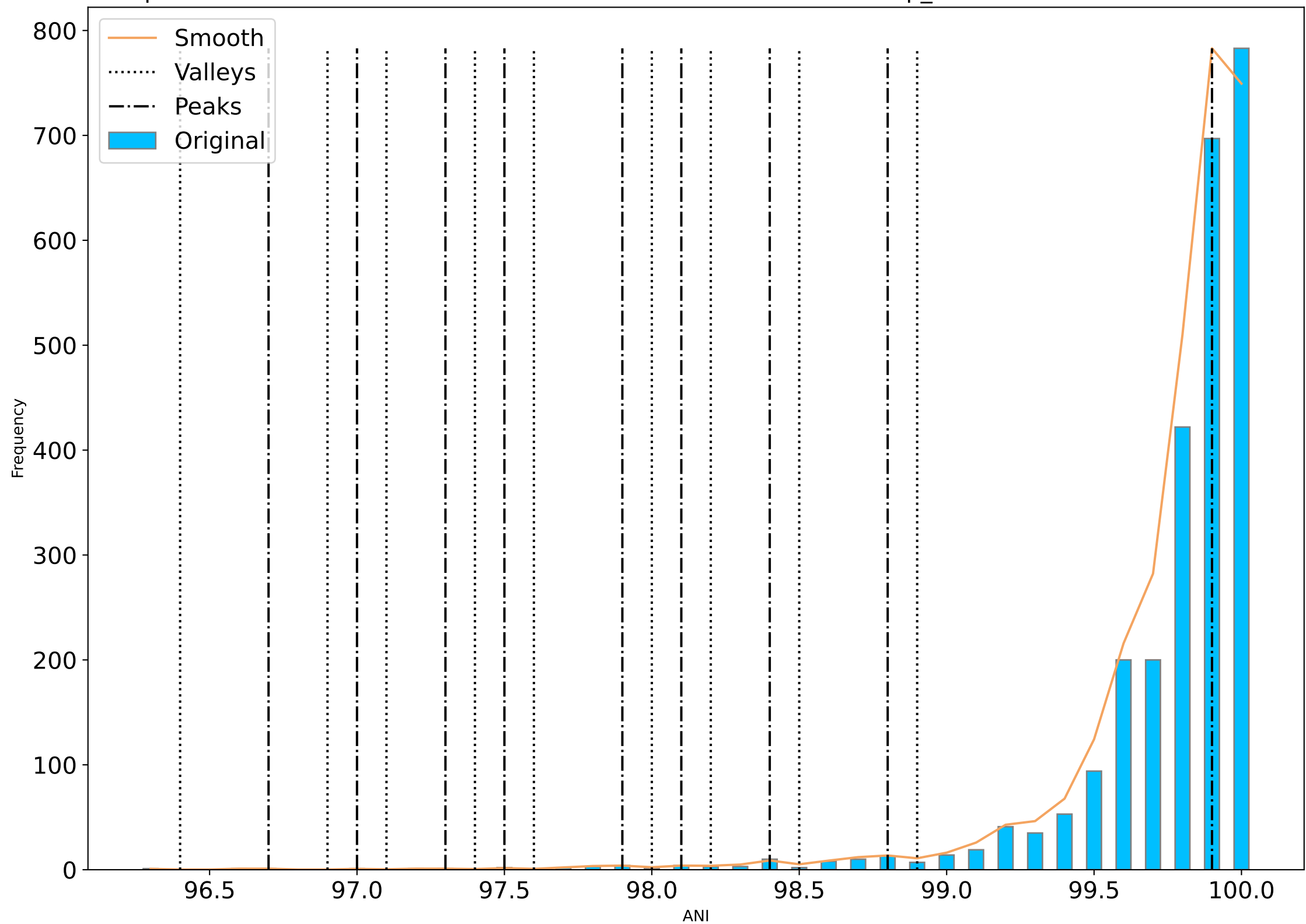


Species_386

Group 2

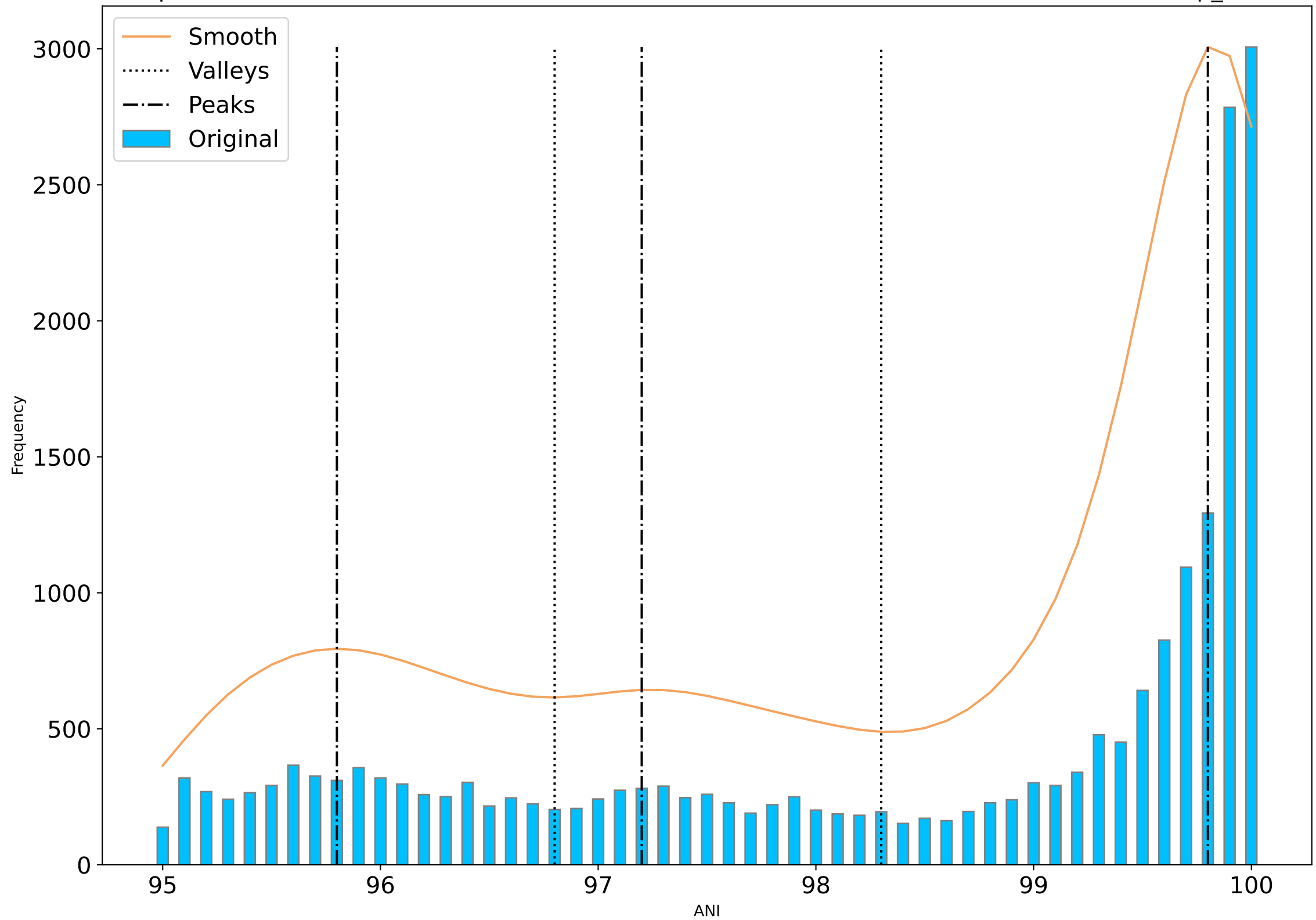
Norm_test 0.0

Dip_test 0.00011860520760176296



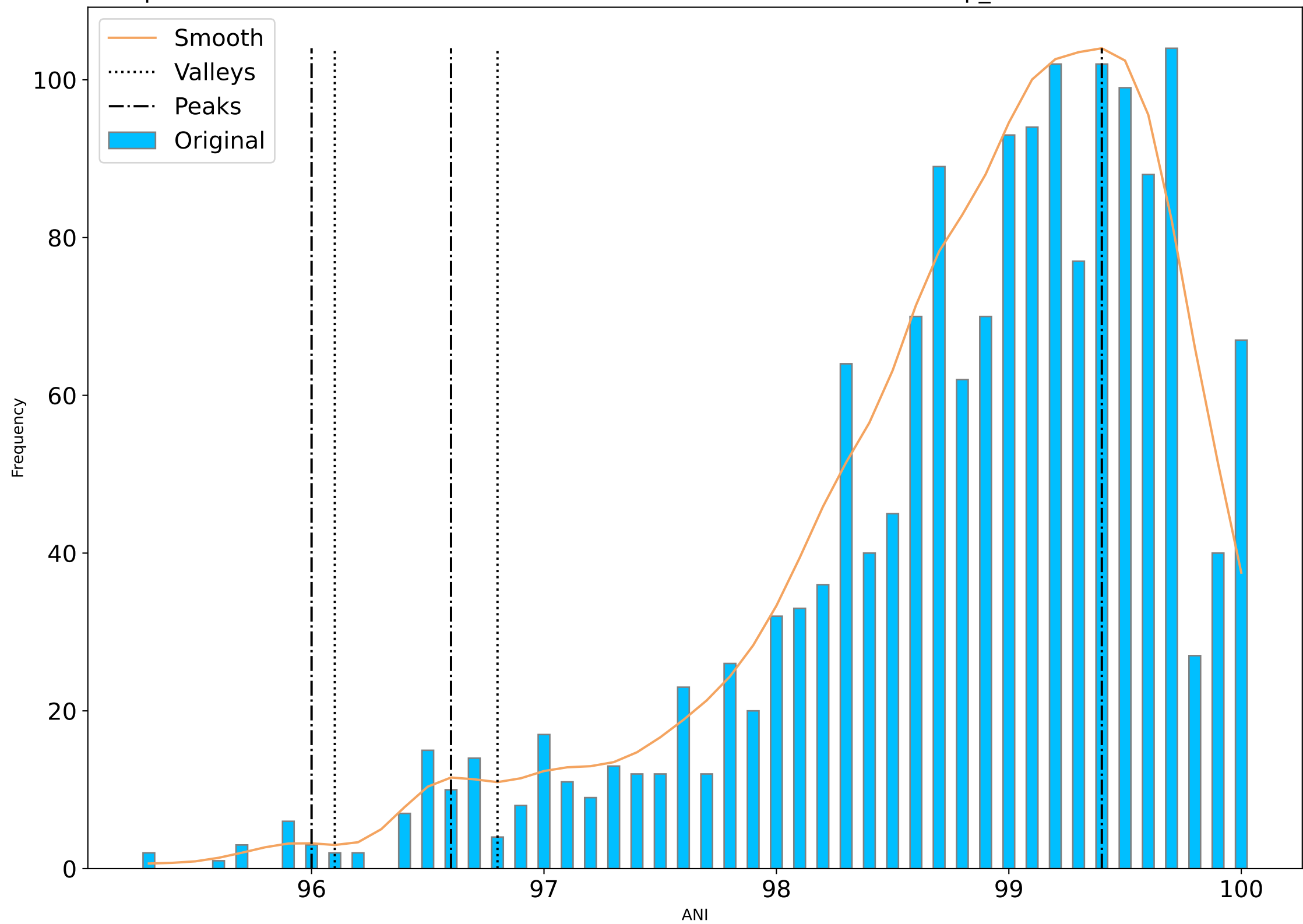
Species_387
Group 3

Norm_test 0.0
Dip_test 0.0



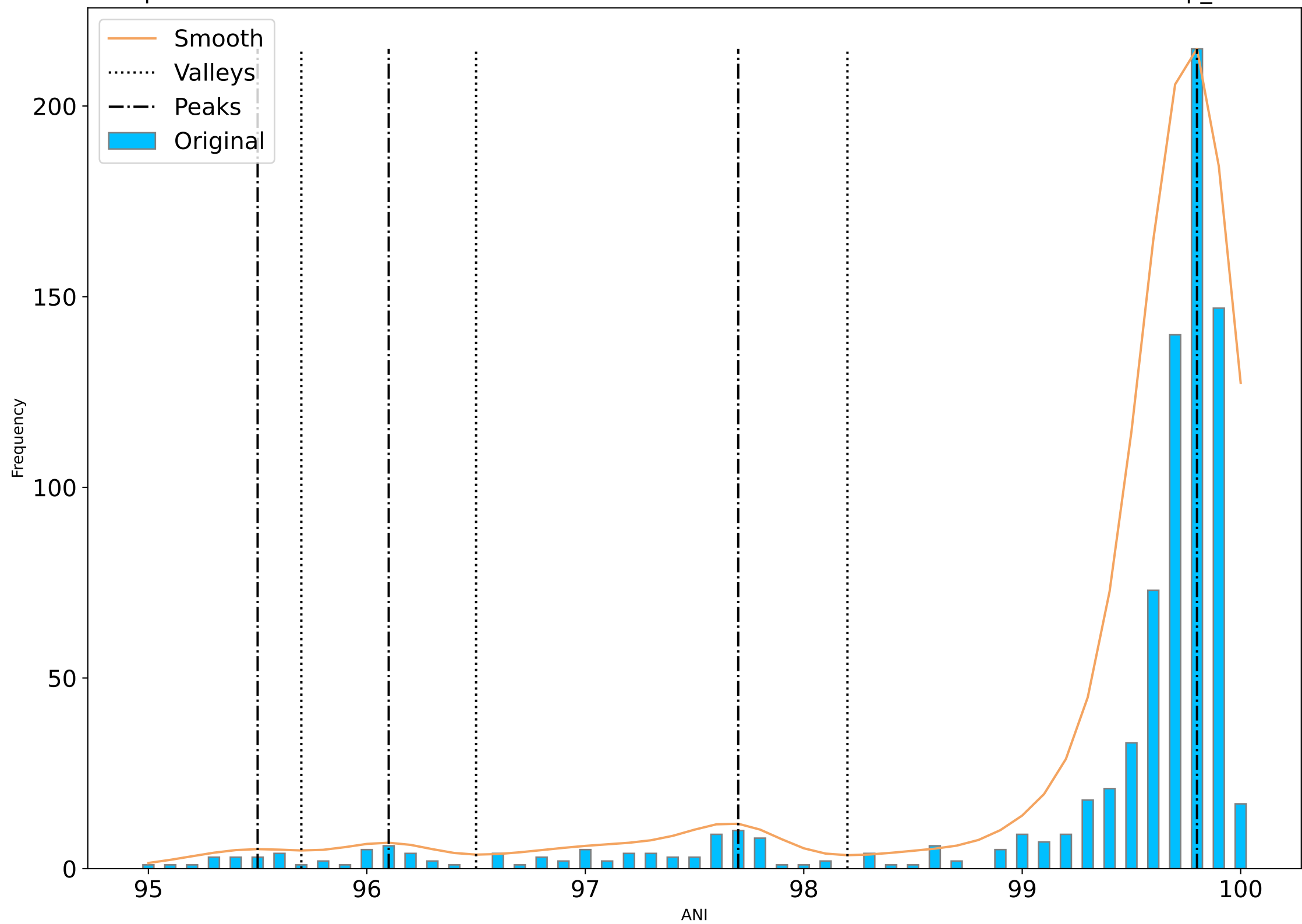
Species_389
Group 4

Norm_test 2.556791929108189e-65
Dip_test 0.5069515182196658



Species_395
Group 3

Norm_test 2.305465525227845e-89
Dip_test 0.0

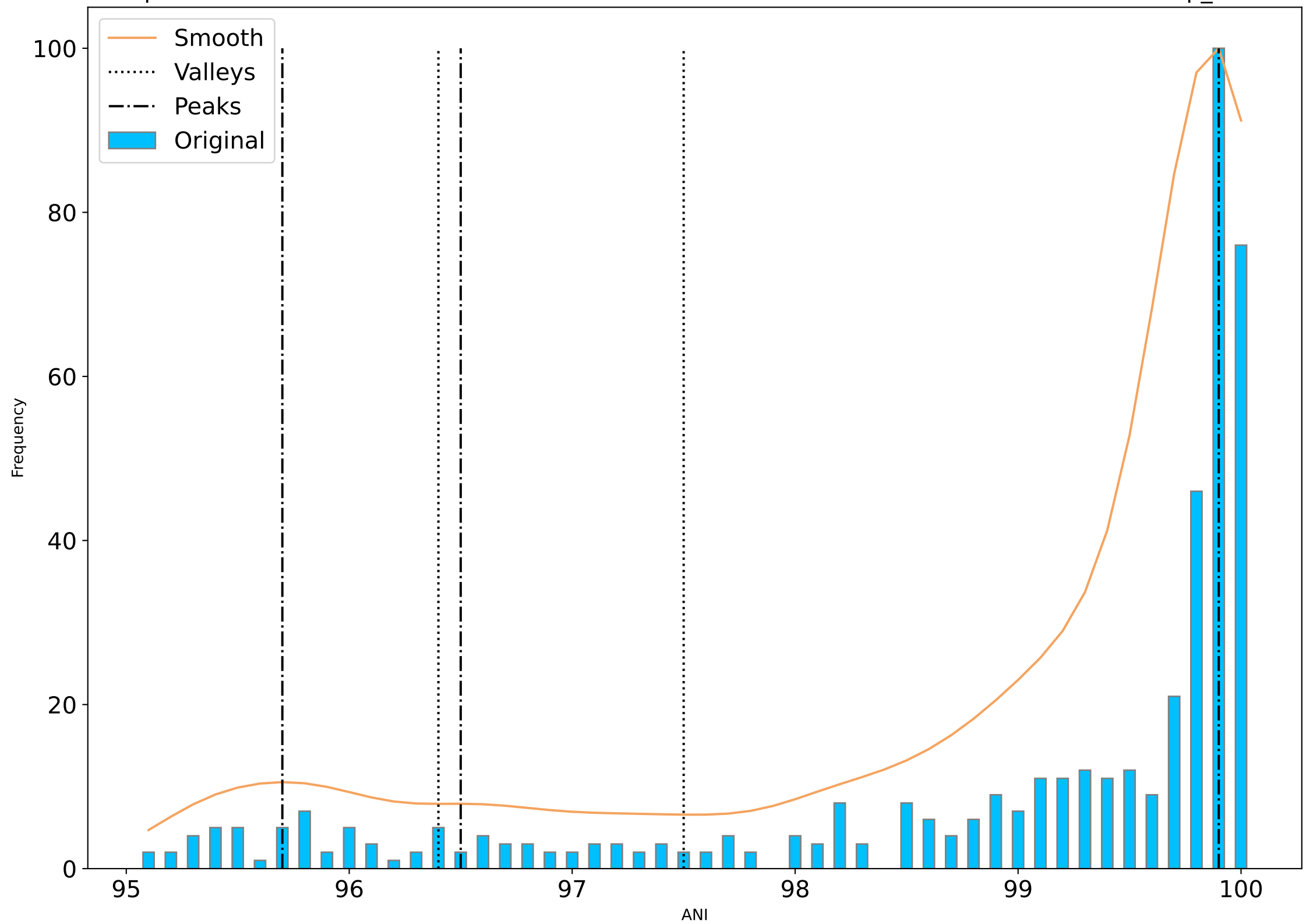


Species_396

Group 3

Norm_test 9.872805007408154e-23

Dip_test 0.0

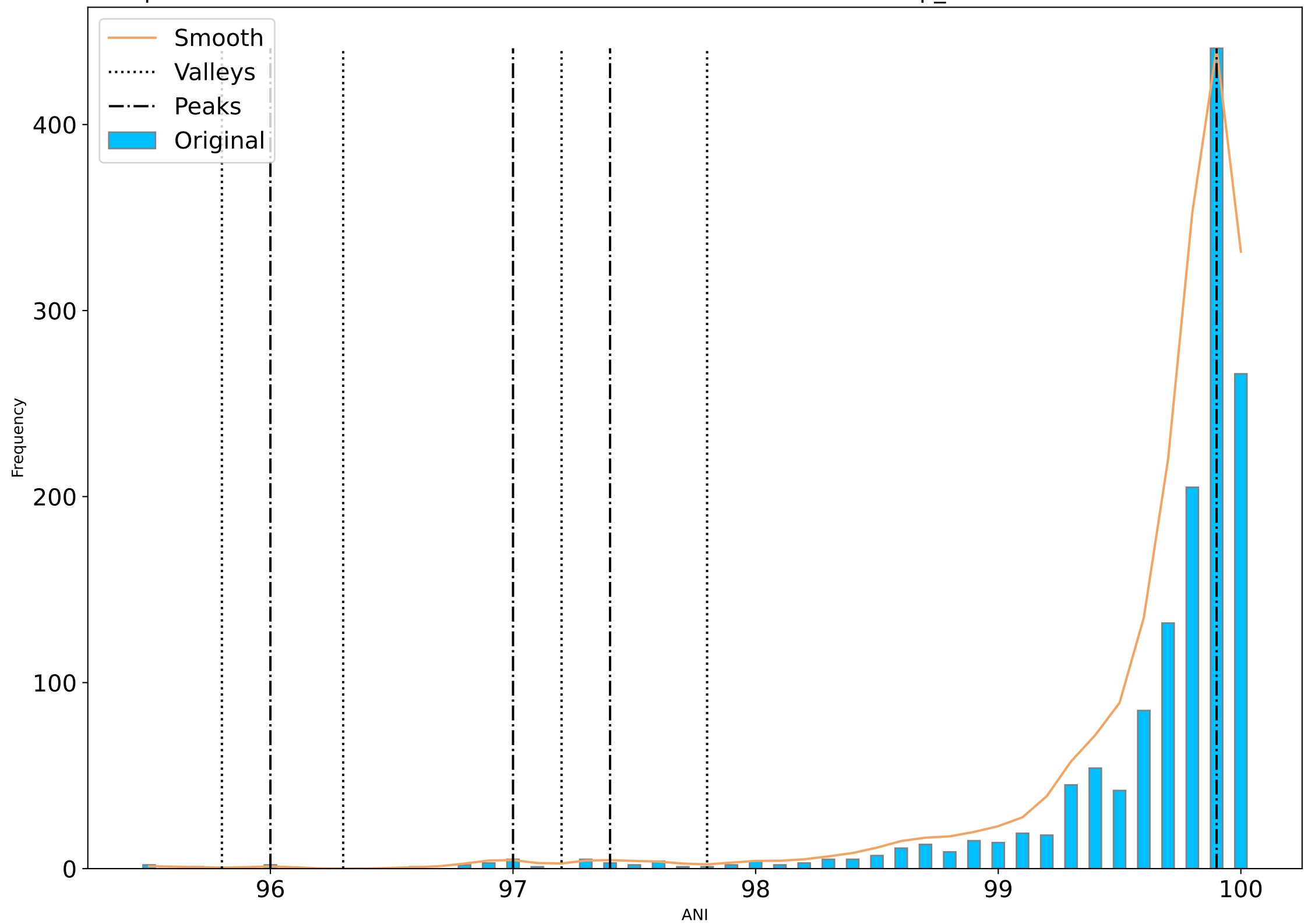


Species_399

Group 2

Norm_test 3.370018717993182e-241

Dip_test 0.0010272882787781823

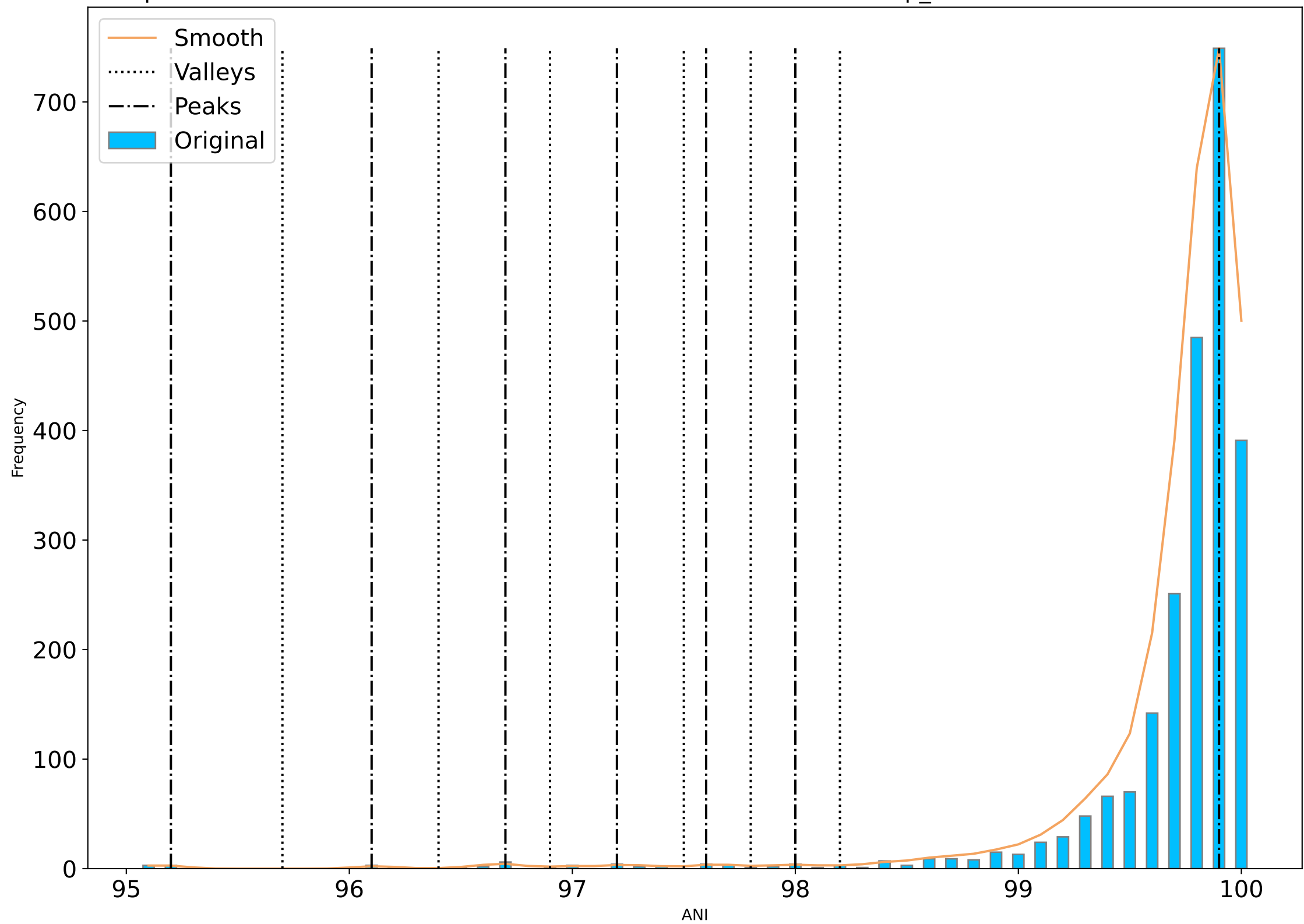


Species_400

Group 2

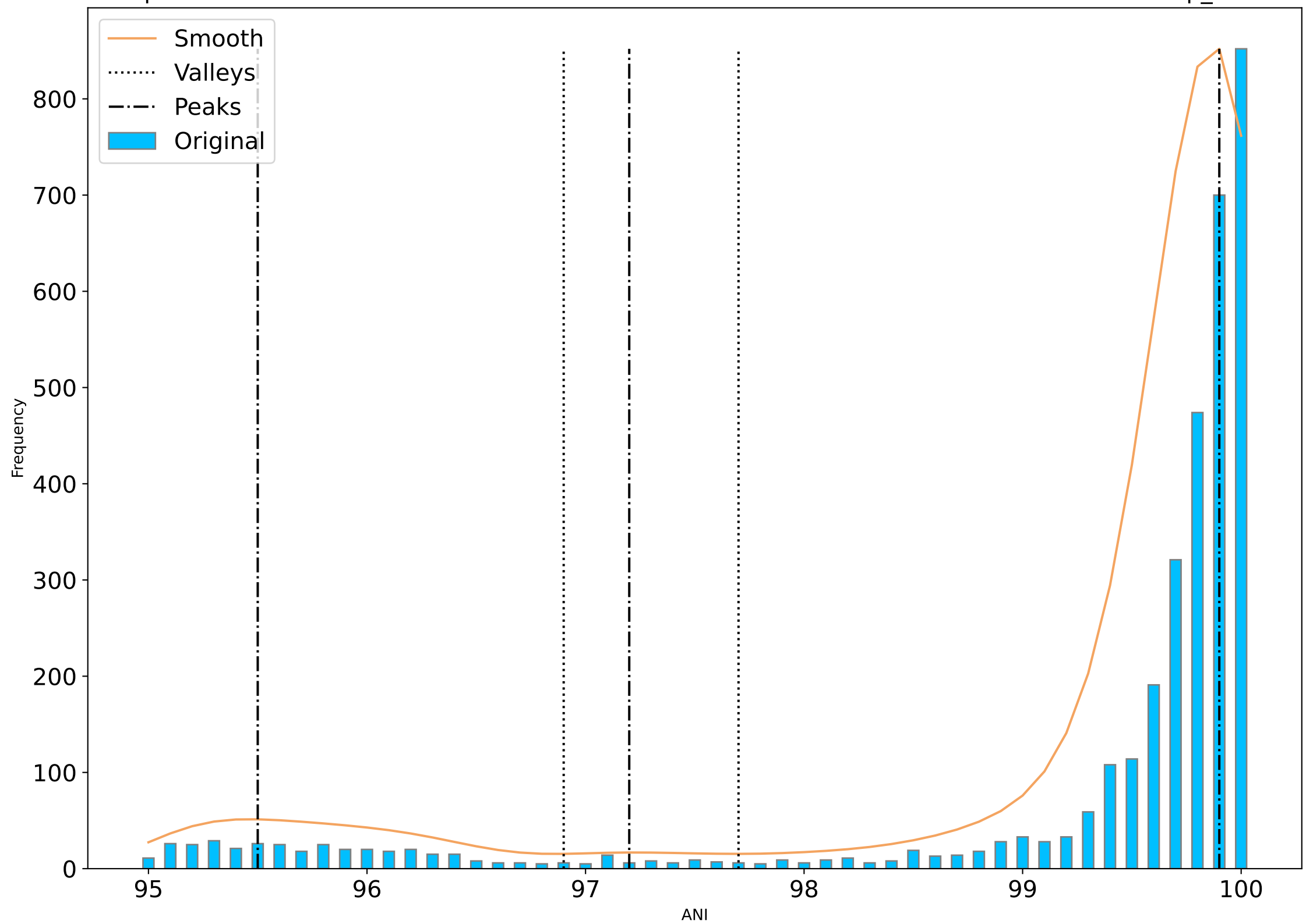
Norm_test 0.0

Dip_test 0.00038867387649610396



Species_401
Group 3

Norm_test 0.0
Dip_test 0.0

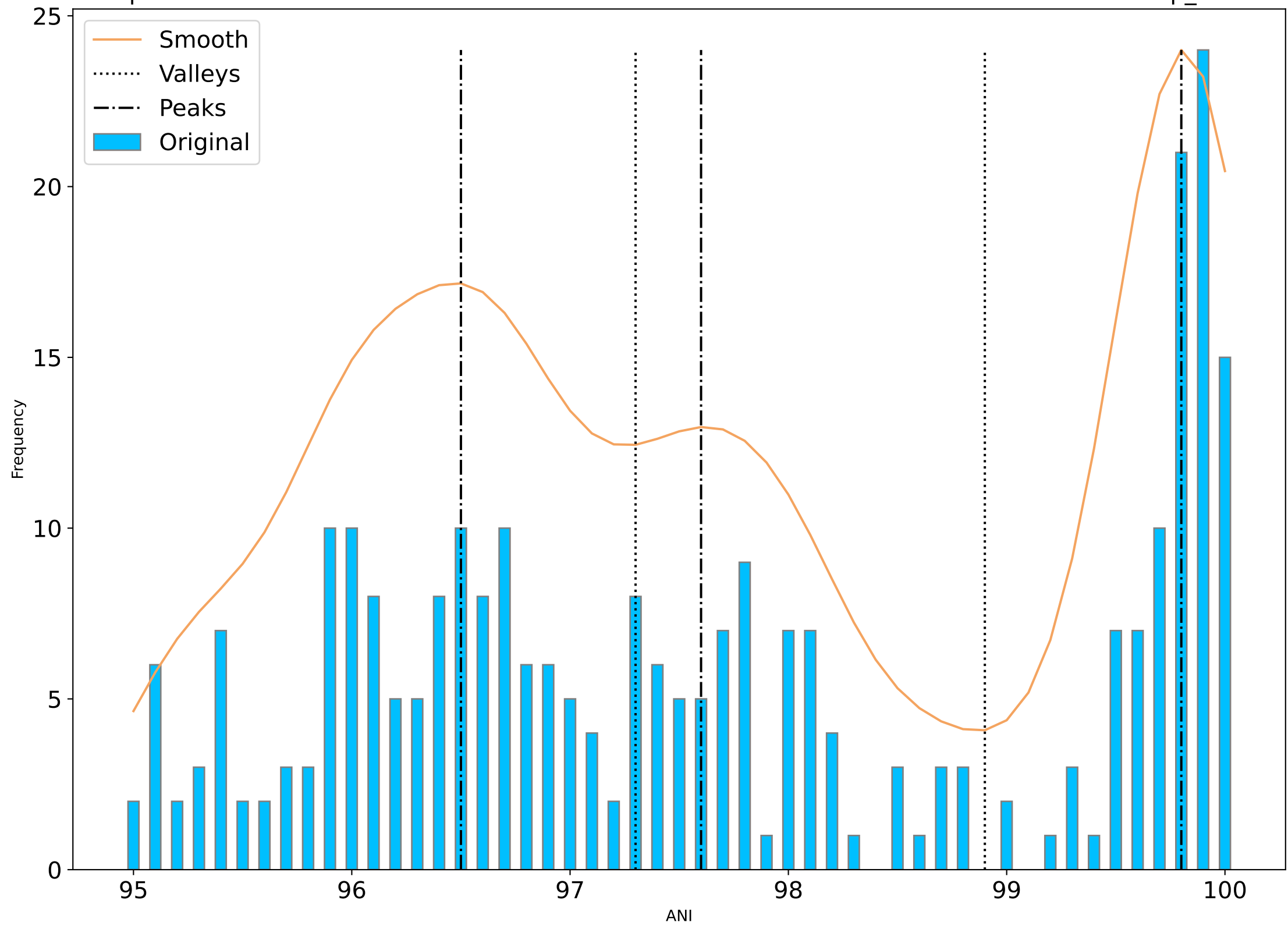


Species_404

Group 1

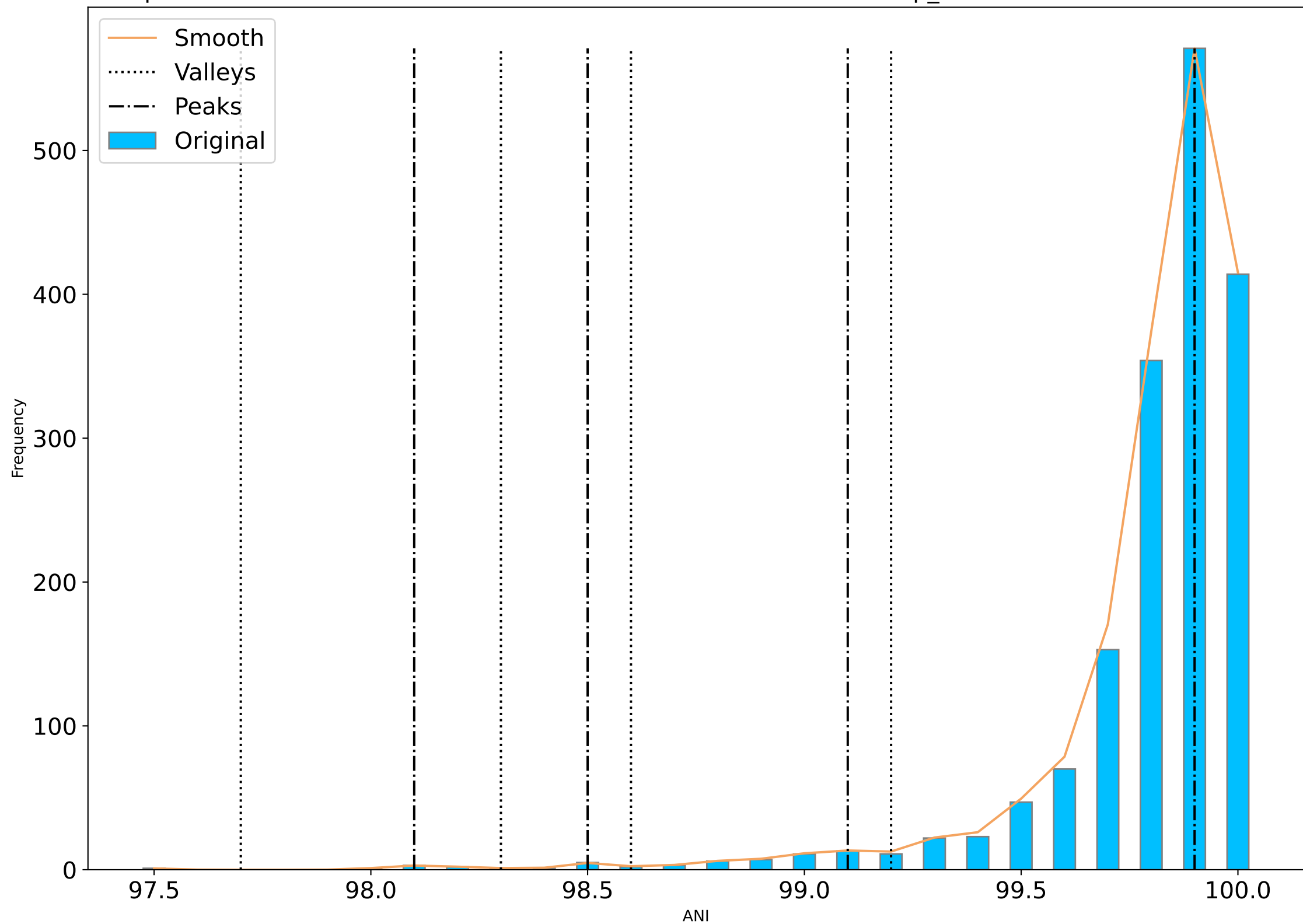
Norm_test 9.564224343954e-191

Dip_test 0.0



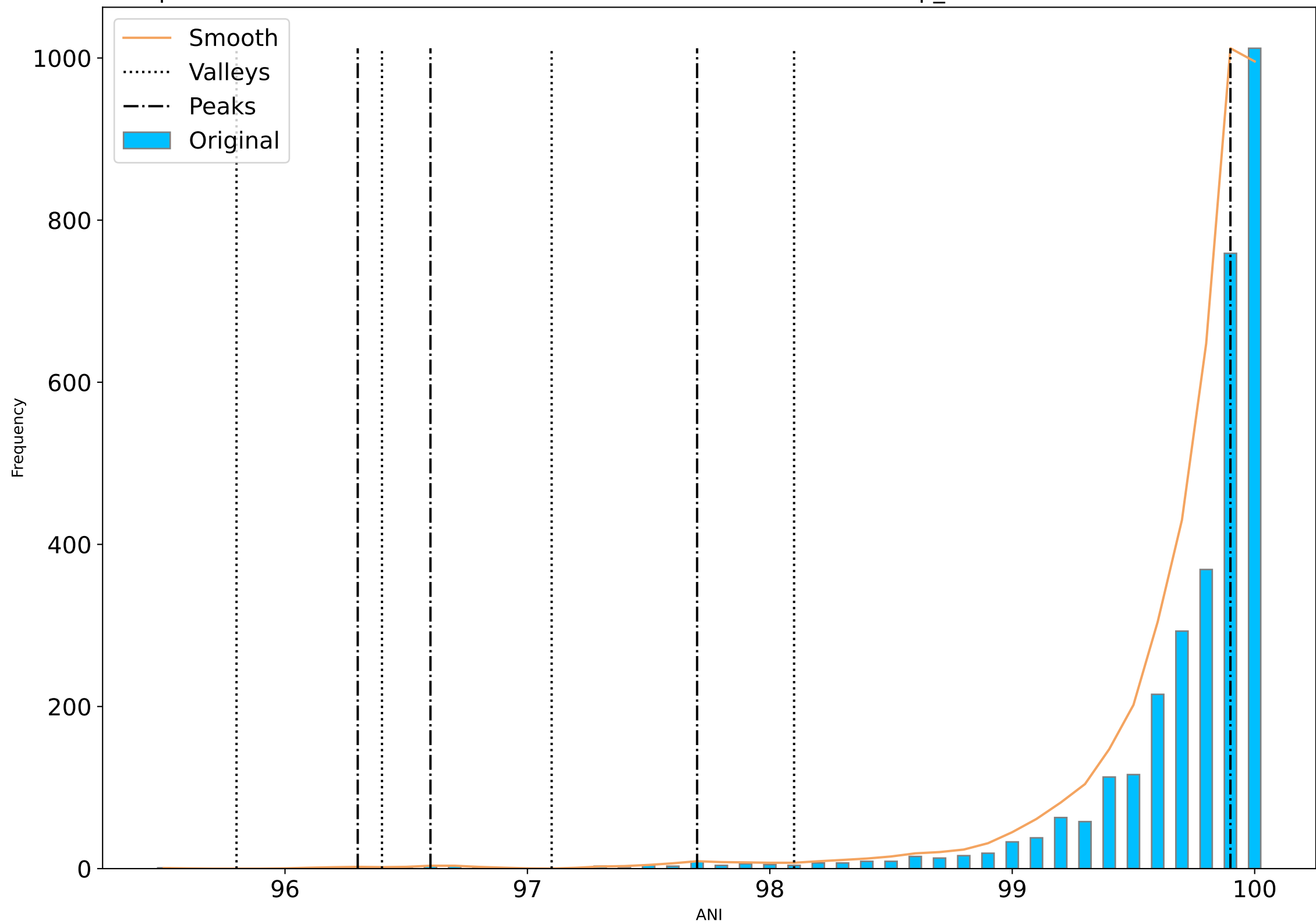
Species_408
Group 2

Norm_test 6.022444820133687e-282
Dip_test 1.3667522778759711e-05



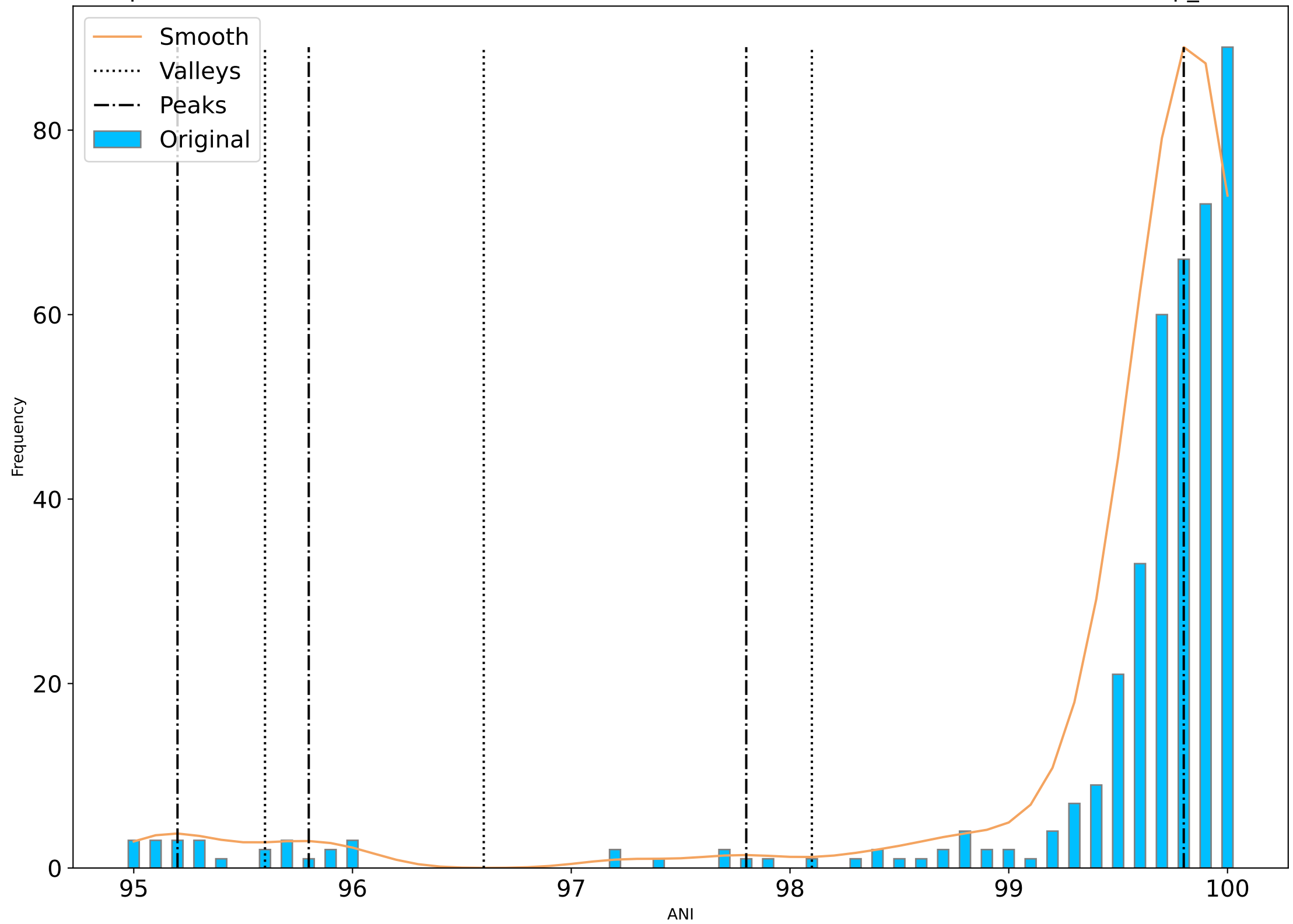
Species_412
Group 2

Norm_test 0.0
Dip_test 0.00035400249981476506



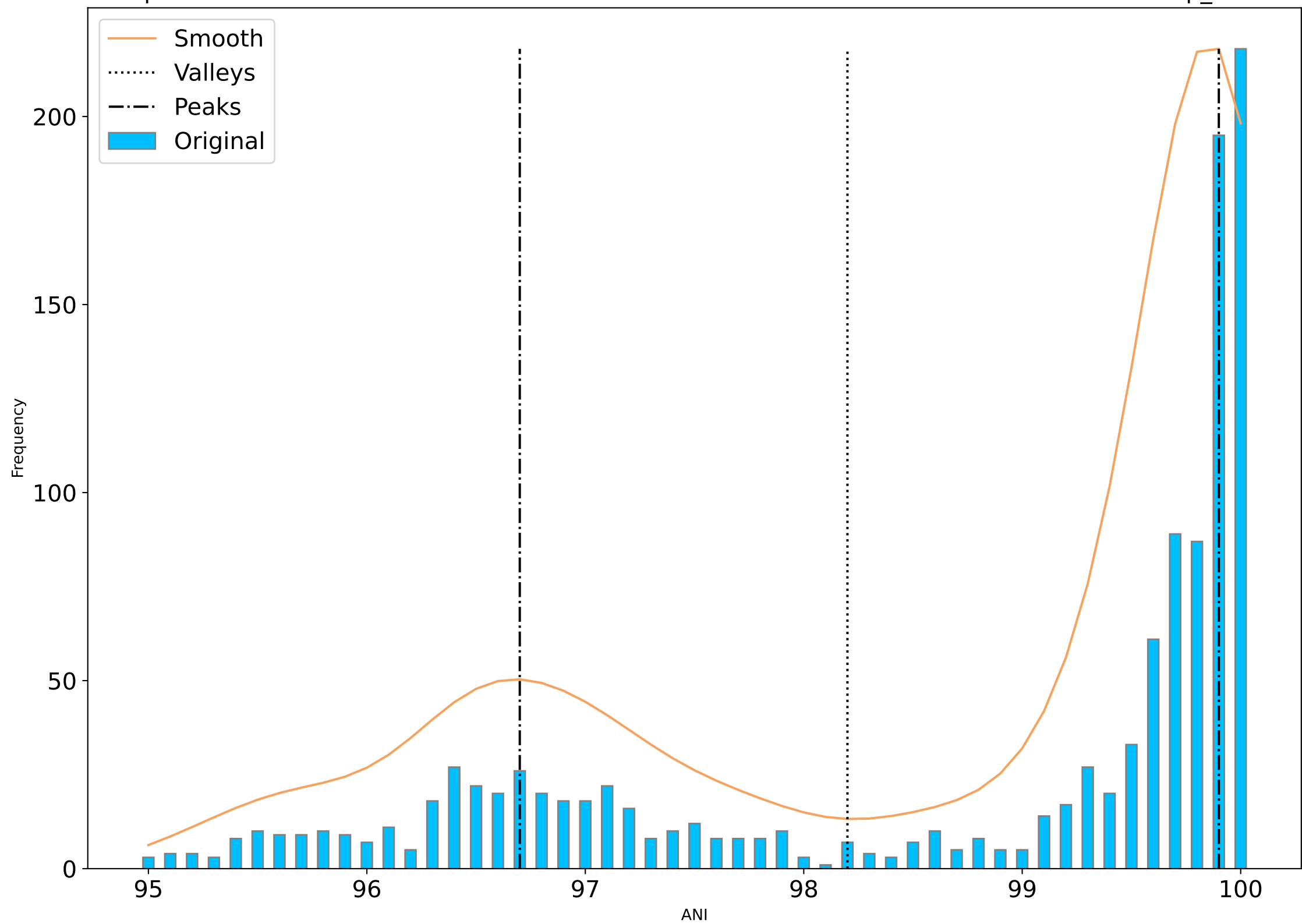
Species_414
Group 3

Norm_test 1.056360634573168e-61
Dip_test 0.0



Species_416
Group 3

Norm_test 8.361921618800757e-44
Dip_test 0.0

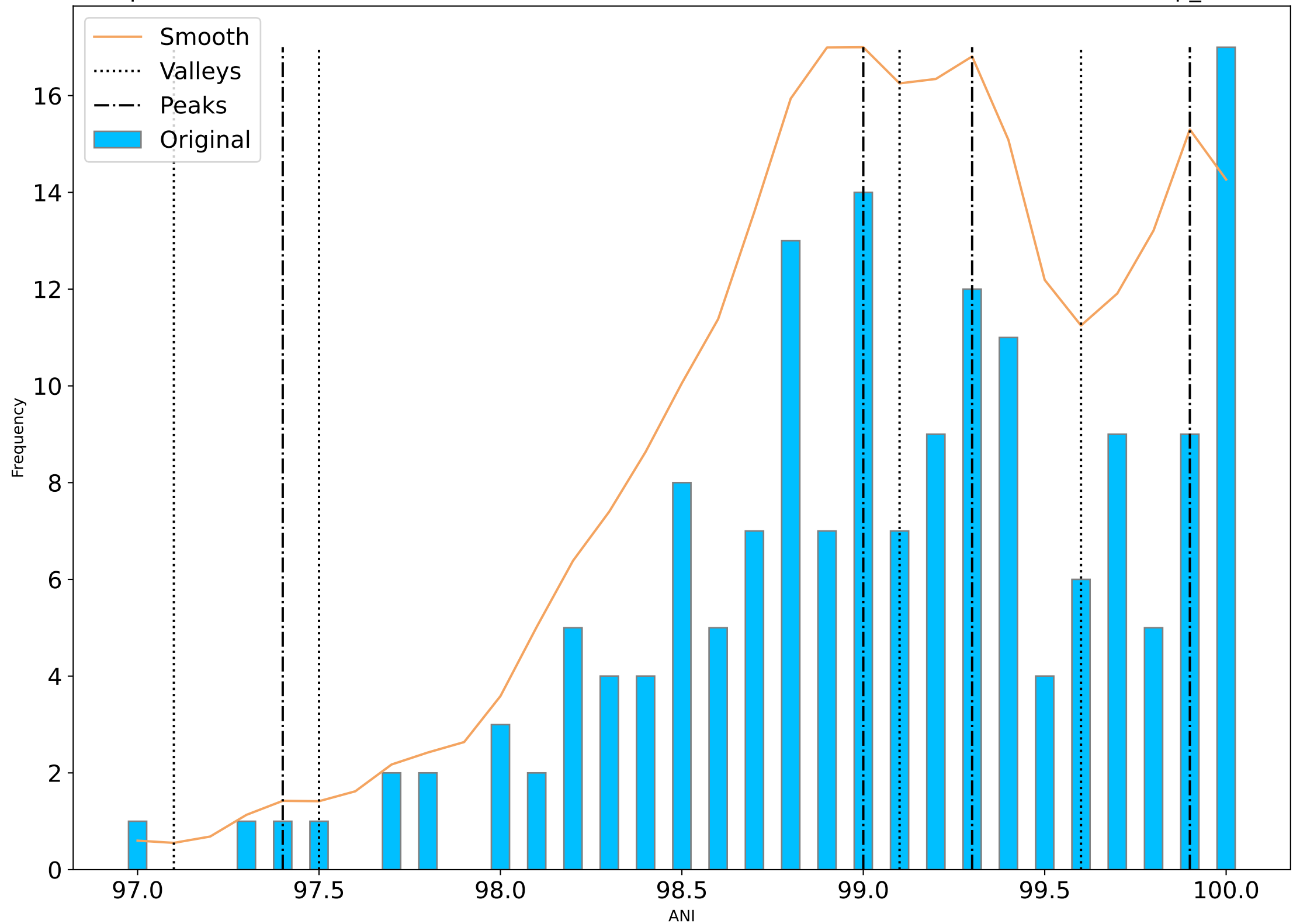


Species_417

Group 1

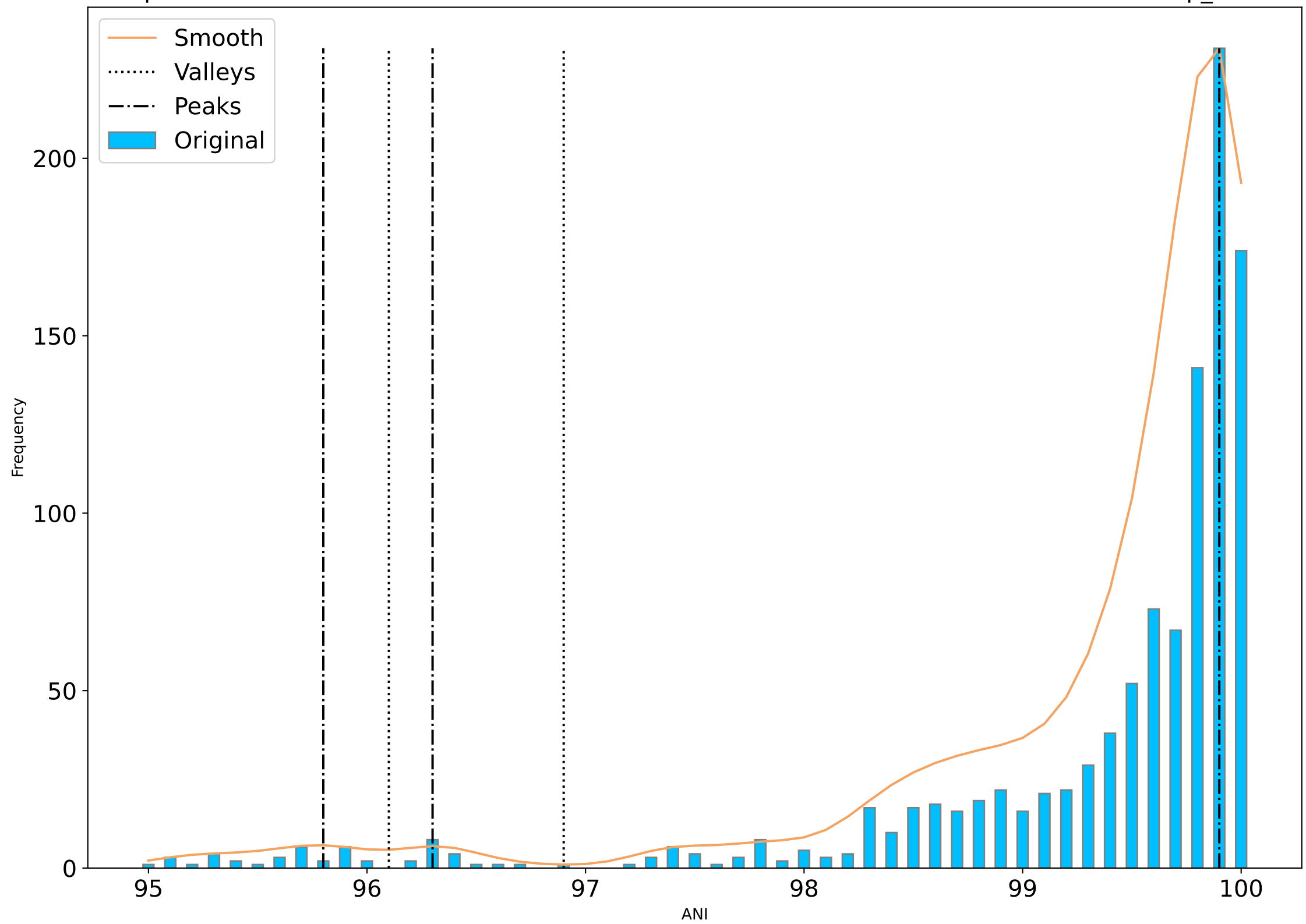
Norm_test 0.010459329046751223

Dip_test 0.0



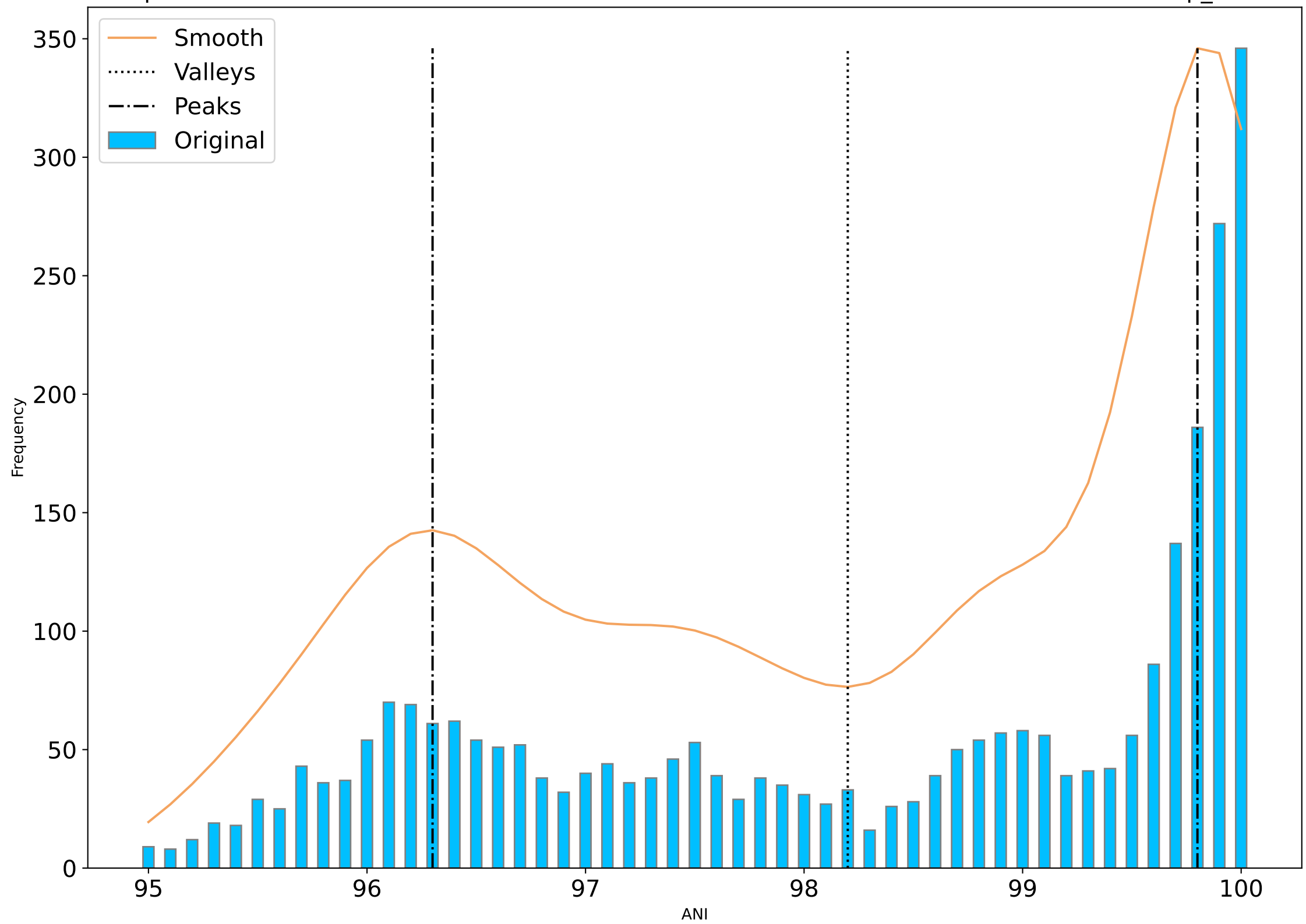
Species_419
Group 3

Norm_test 5.577562821030708e-127
Dip_test 0.0



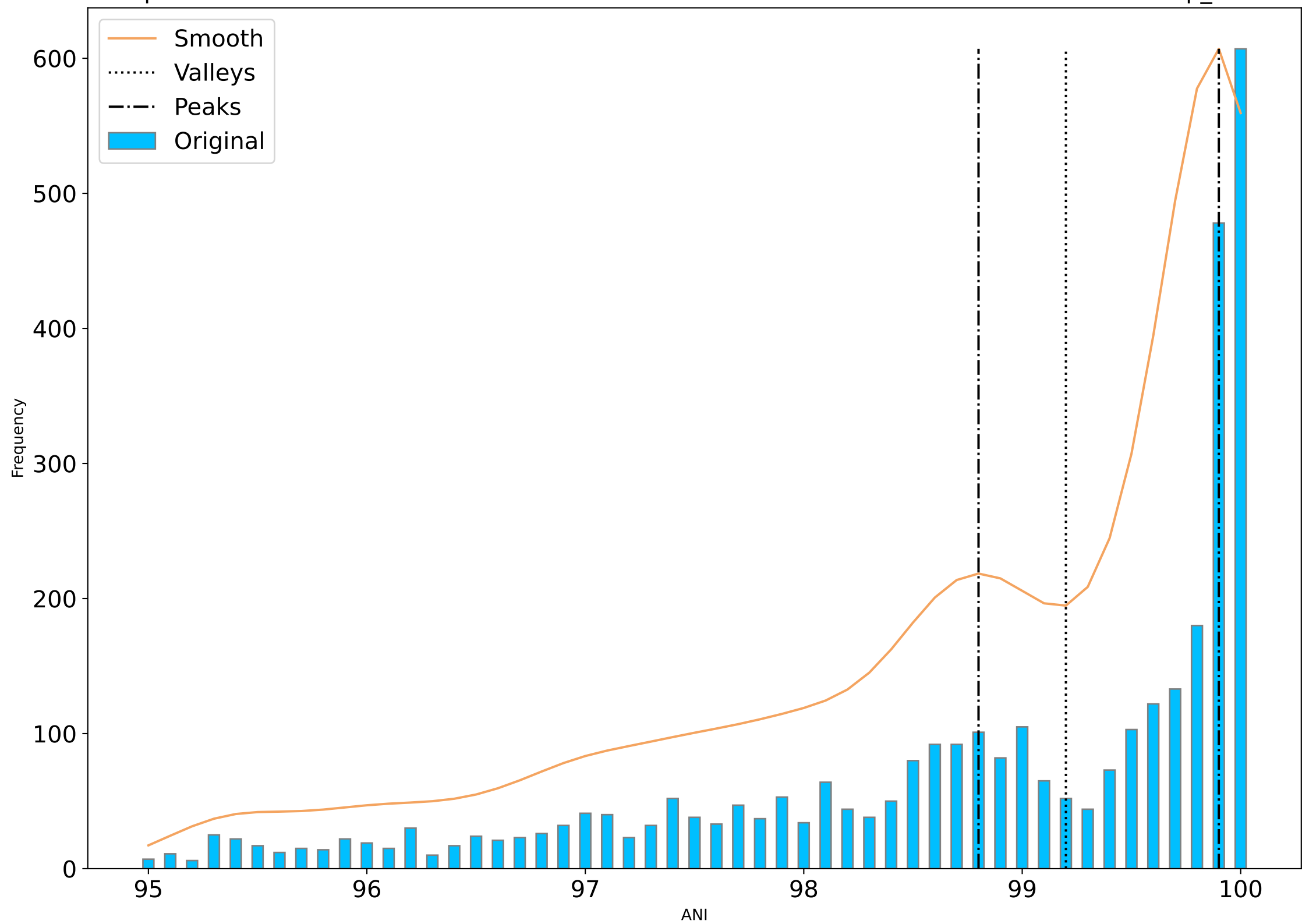
Species_423
Group 3

Norm_test 0.0
Dip_test 0.0



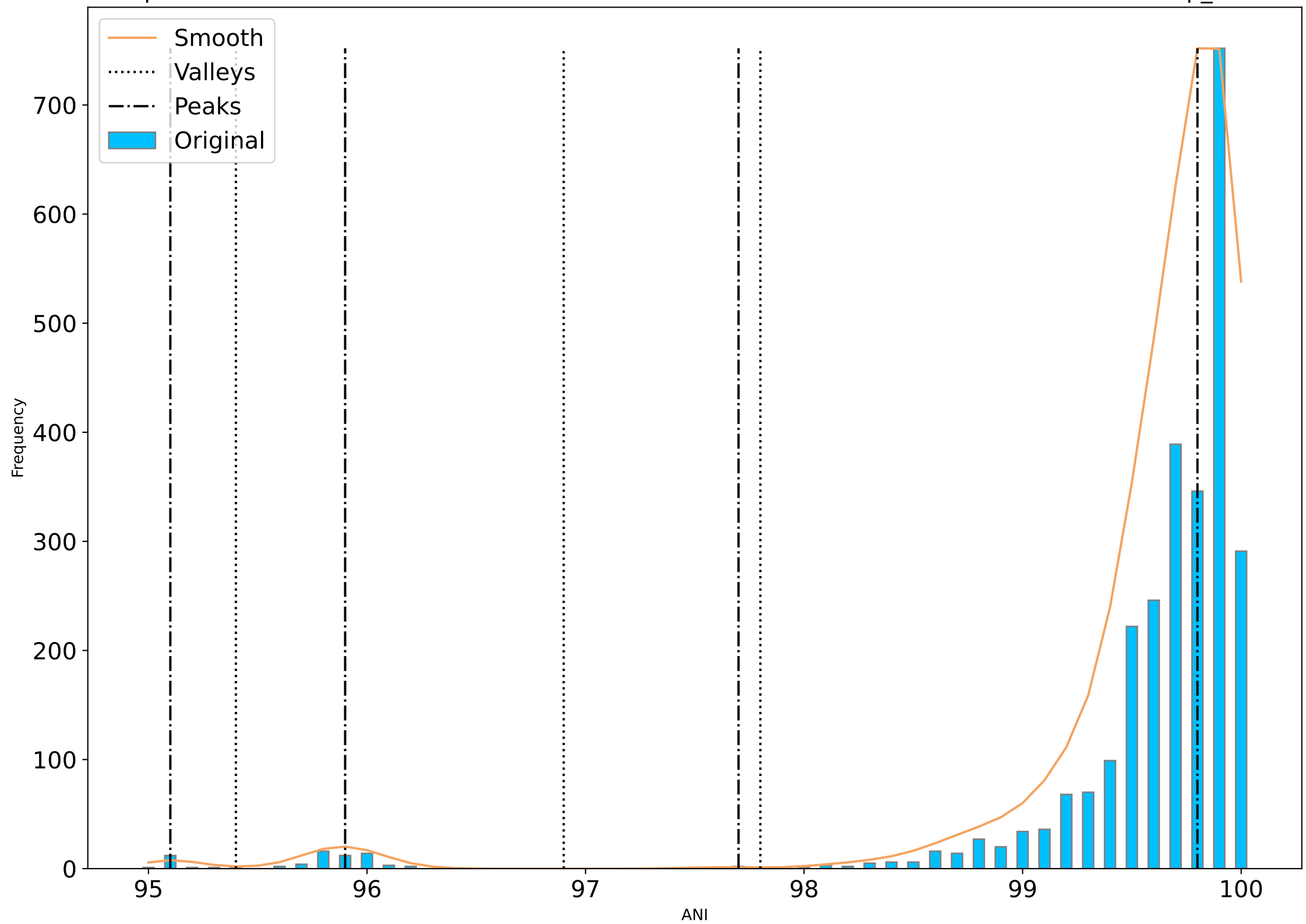
Species_424
Group 1

Norm_test 8.981127826388598e-110
Dip_test 0.0



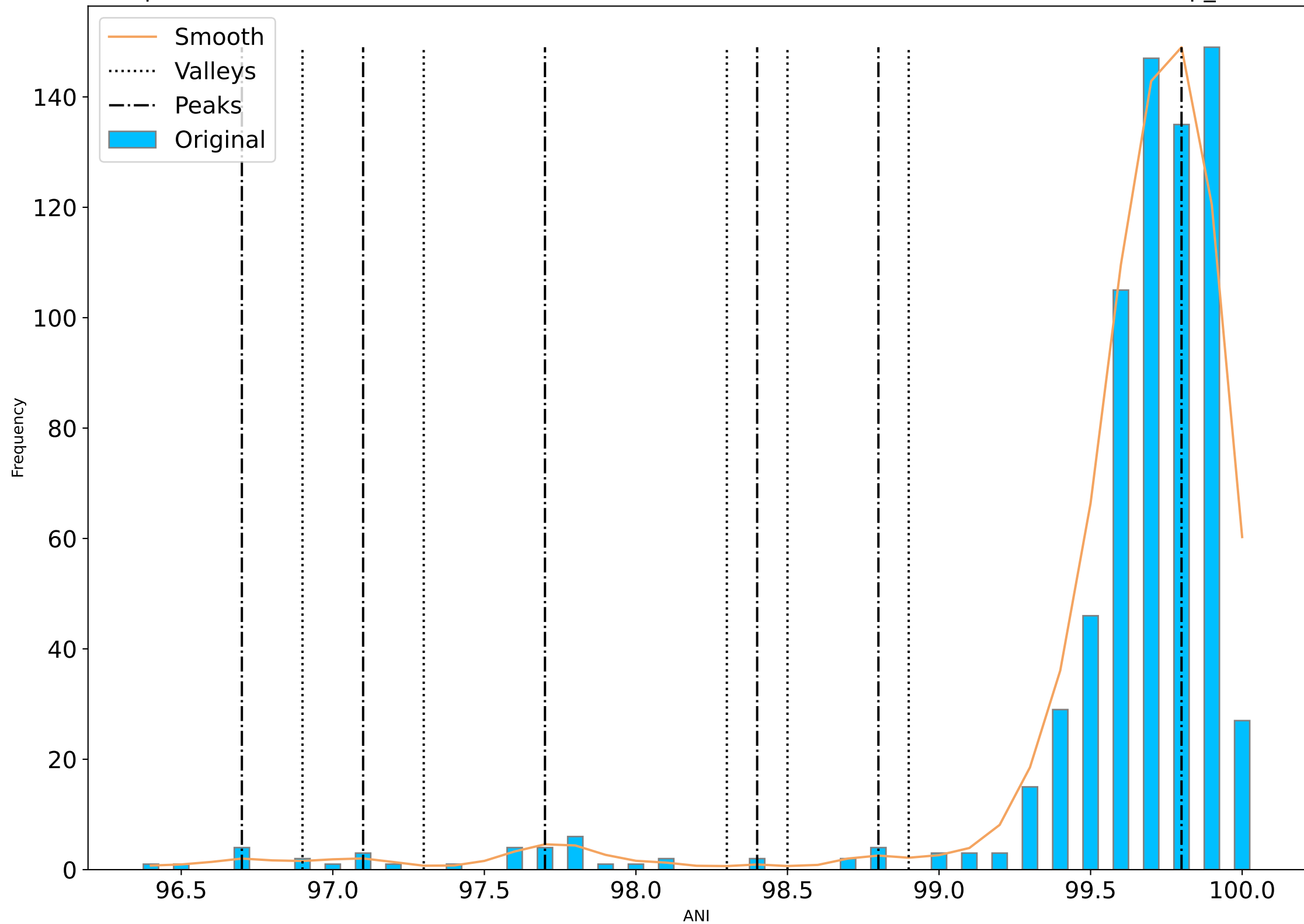
Species_425
Group 2

Norm_test 0.0
Dip_test 0.0



Species_432
Group 2

Norm_test 6.435155823606735e-123
Dip_test 0.0

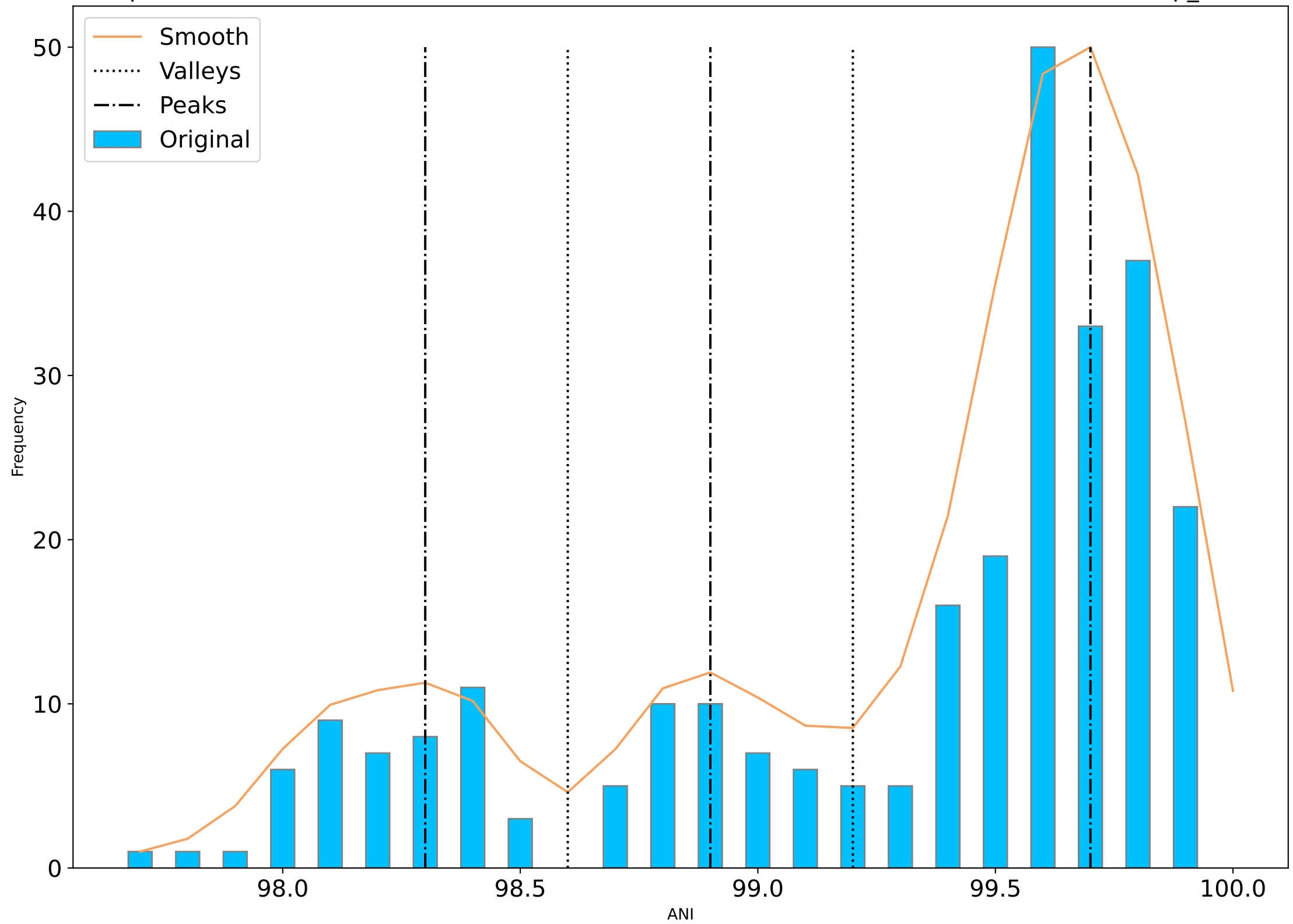


Species_433

Group 1

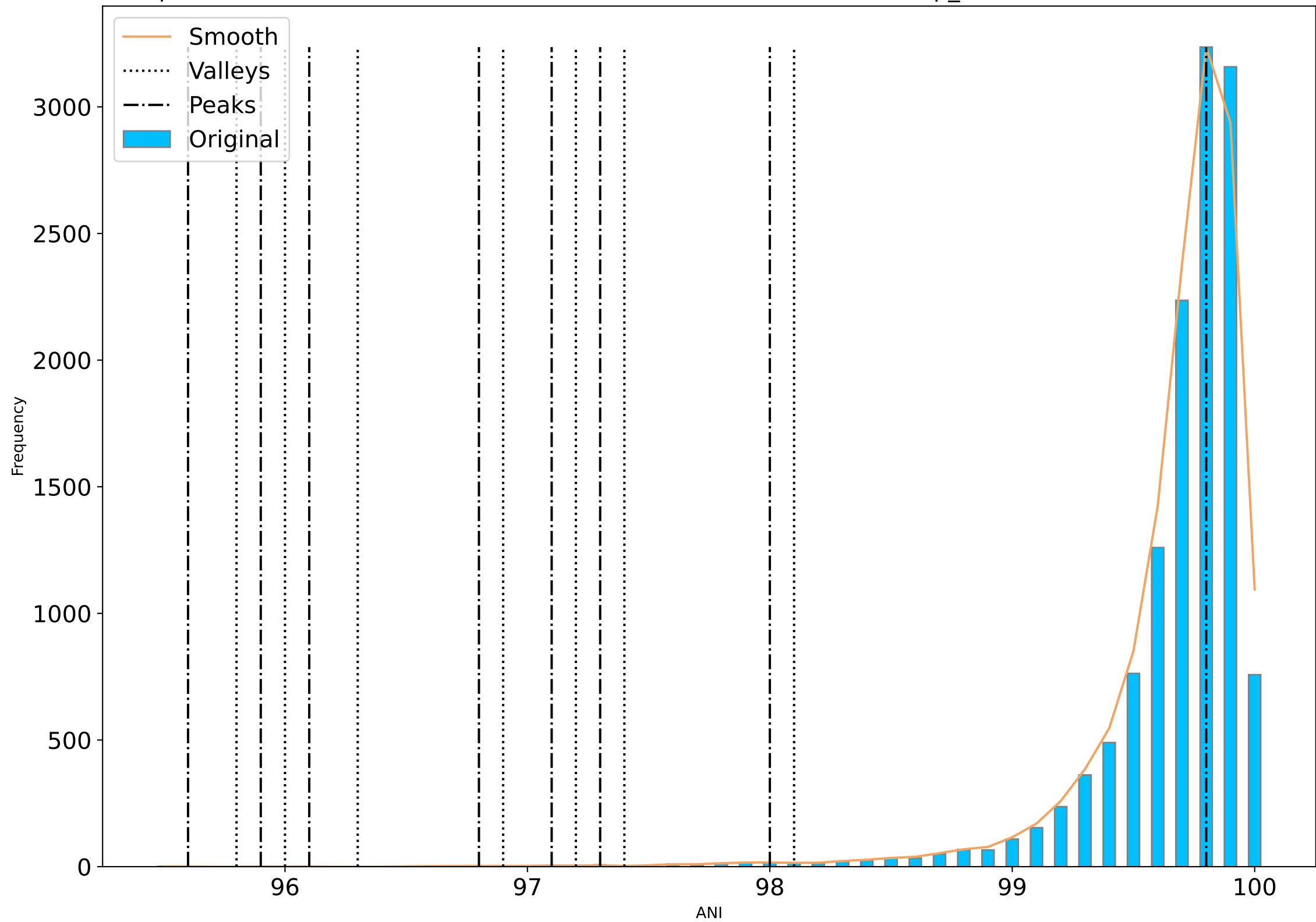
Norm_test 1.6067185096191877e-08

Dip_test 0.0



Species_434
Group 2

Norm_test 0.0
Dip_test 0.0004815267811139057

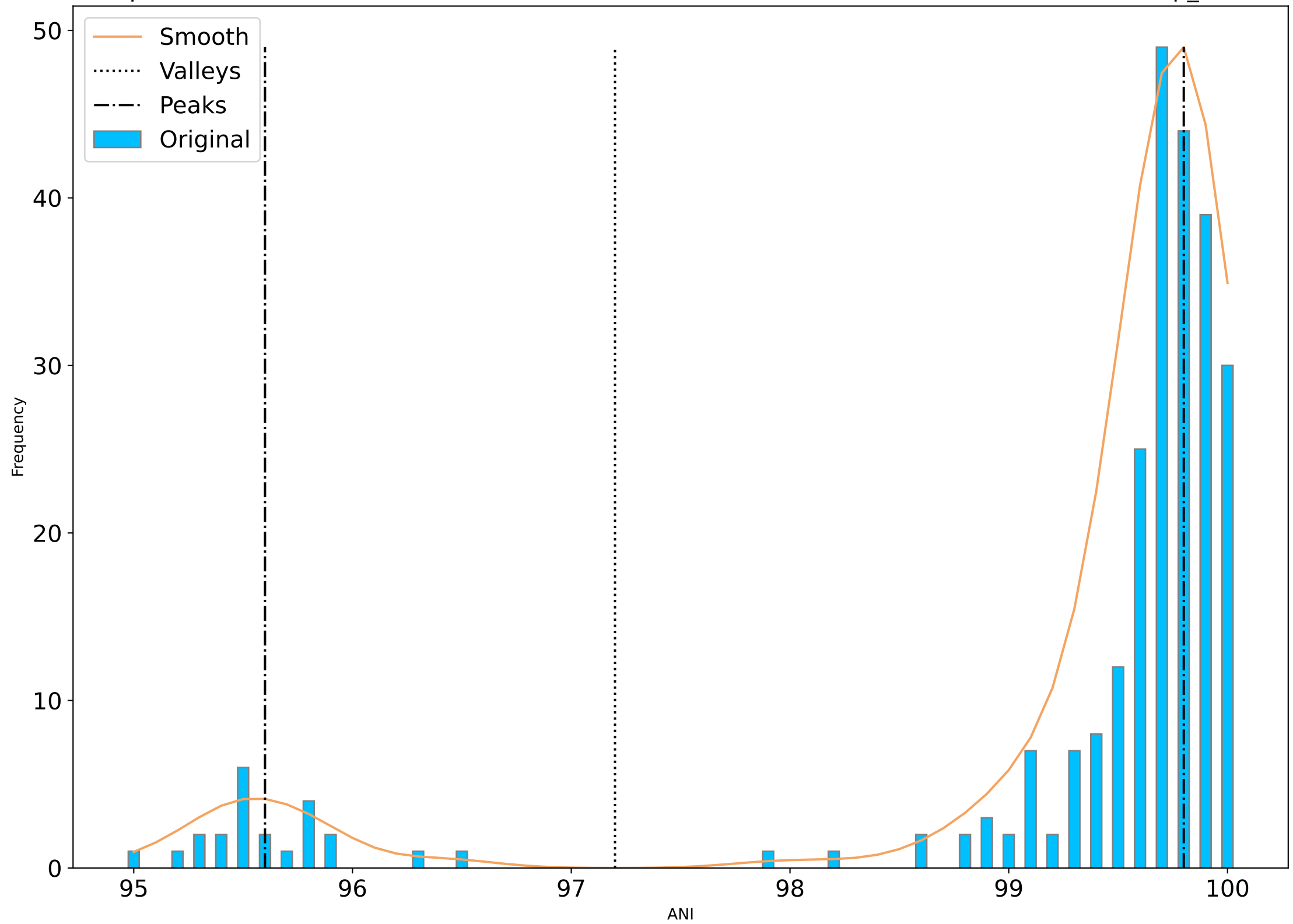


Species_437

Group 3

Norm_test 1.727226126593118e-33

Dip_test 0.0

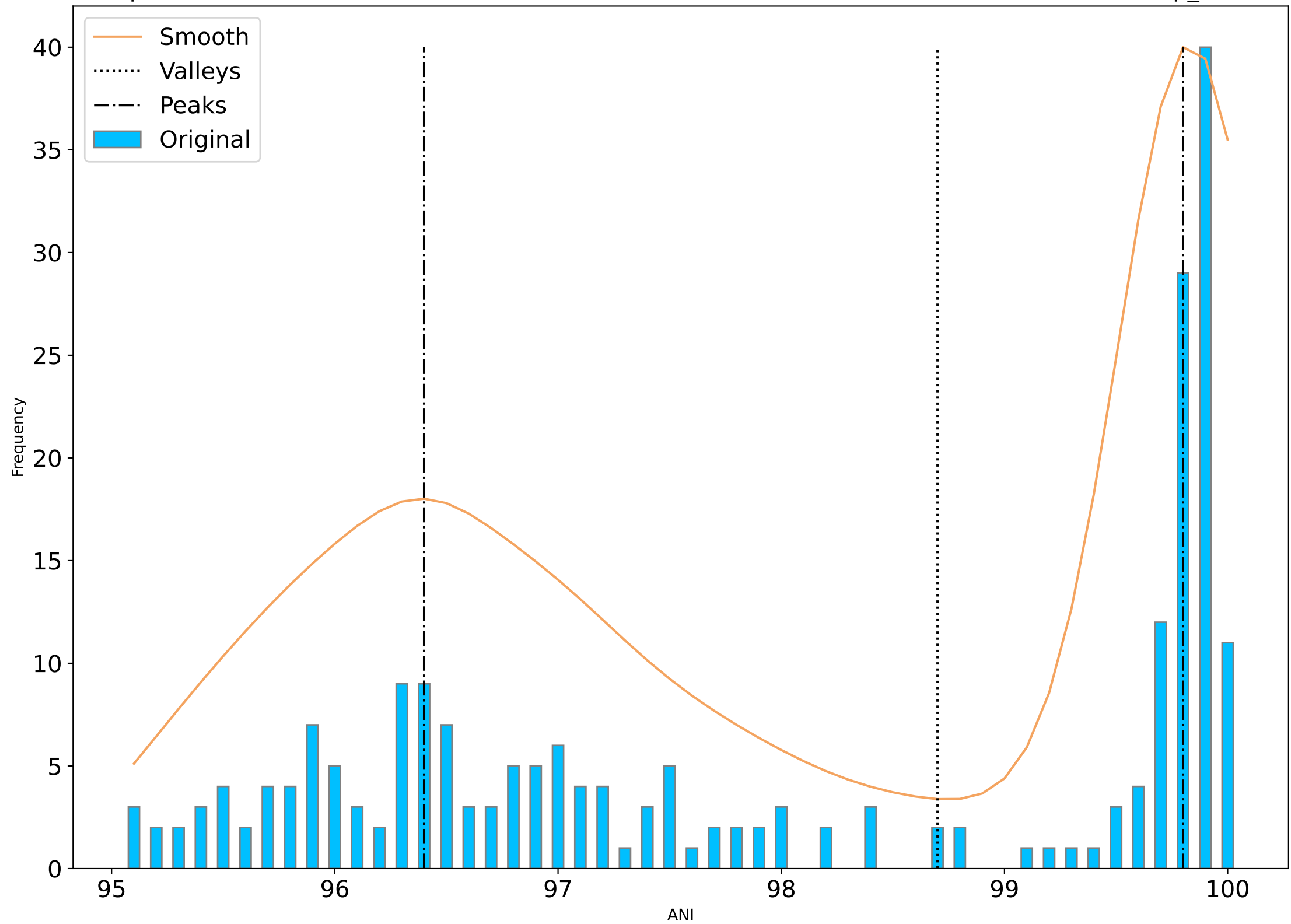


Species_438

Group 3

Norm_test 0.0

Dip_test 0.0

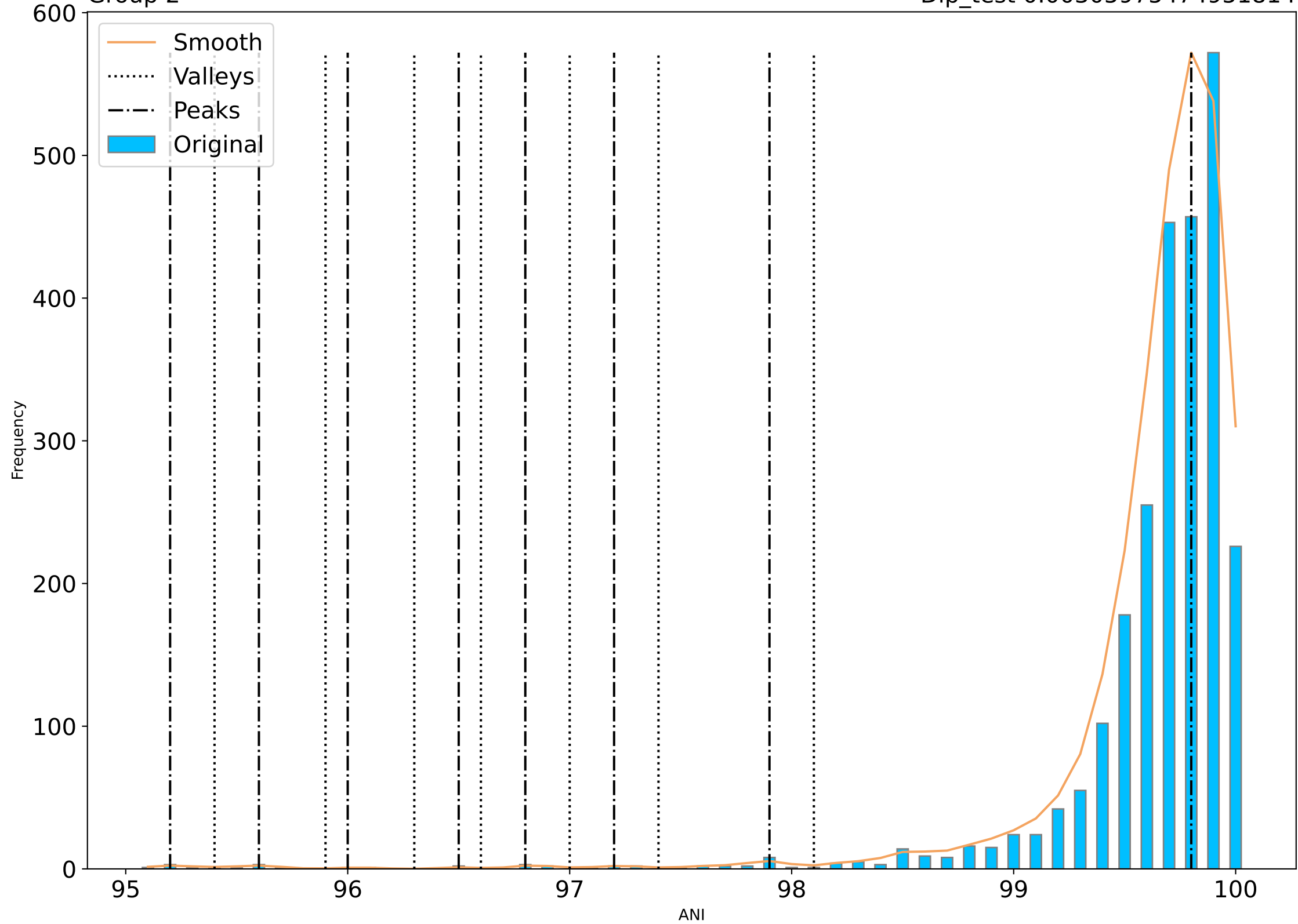


Species_439

Group 2

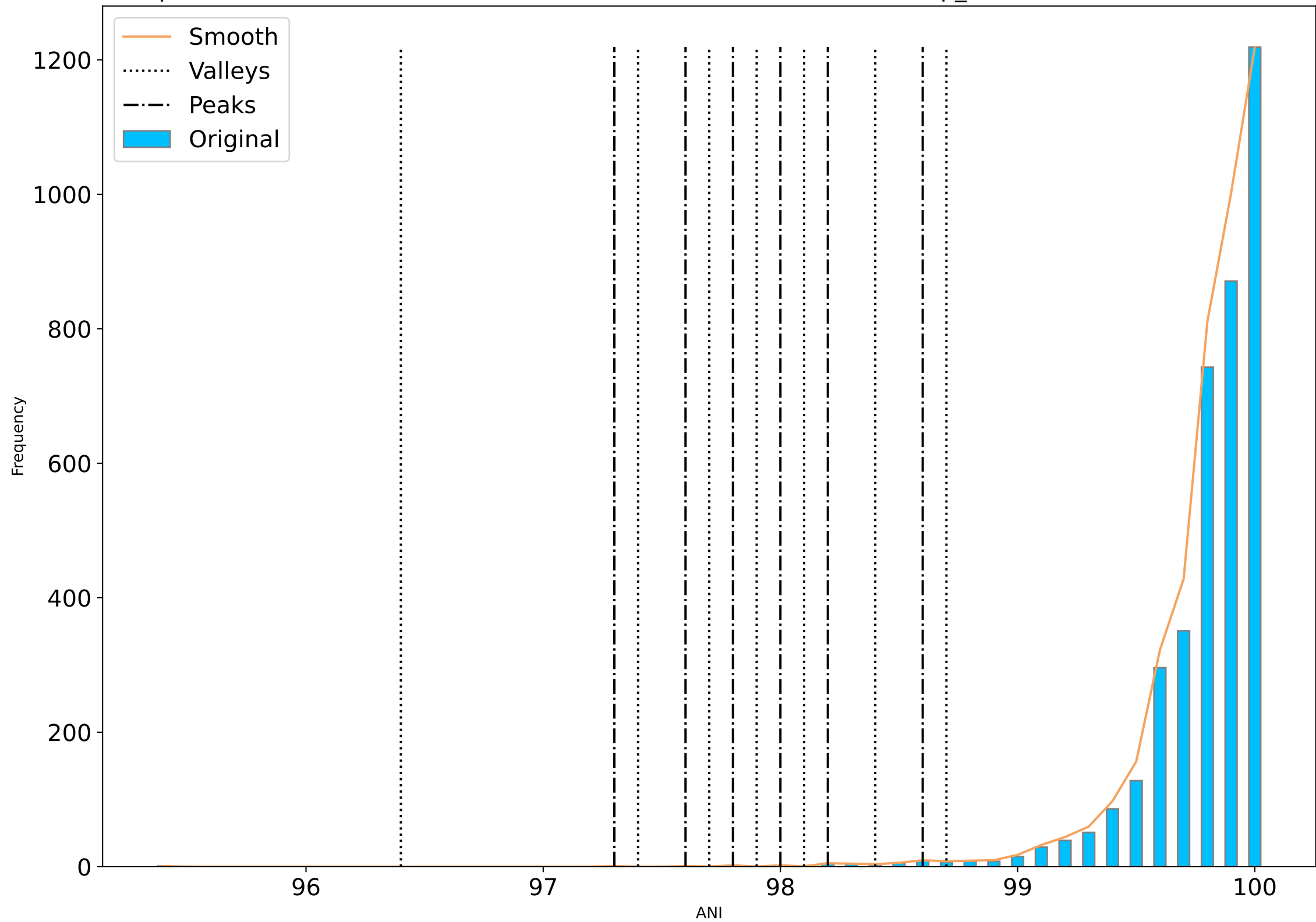
Norm_test 0.0

Dip_test 0.00305975474951814



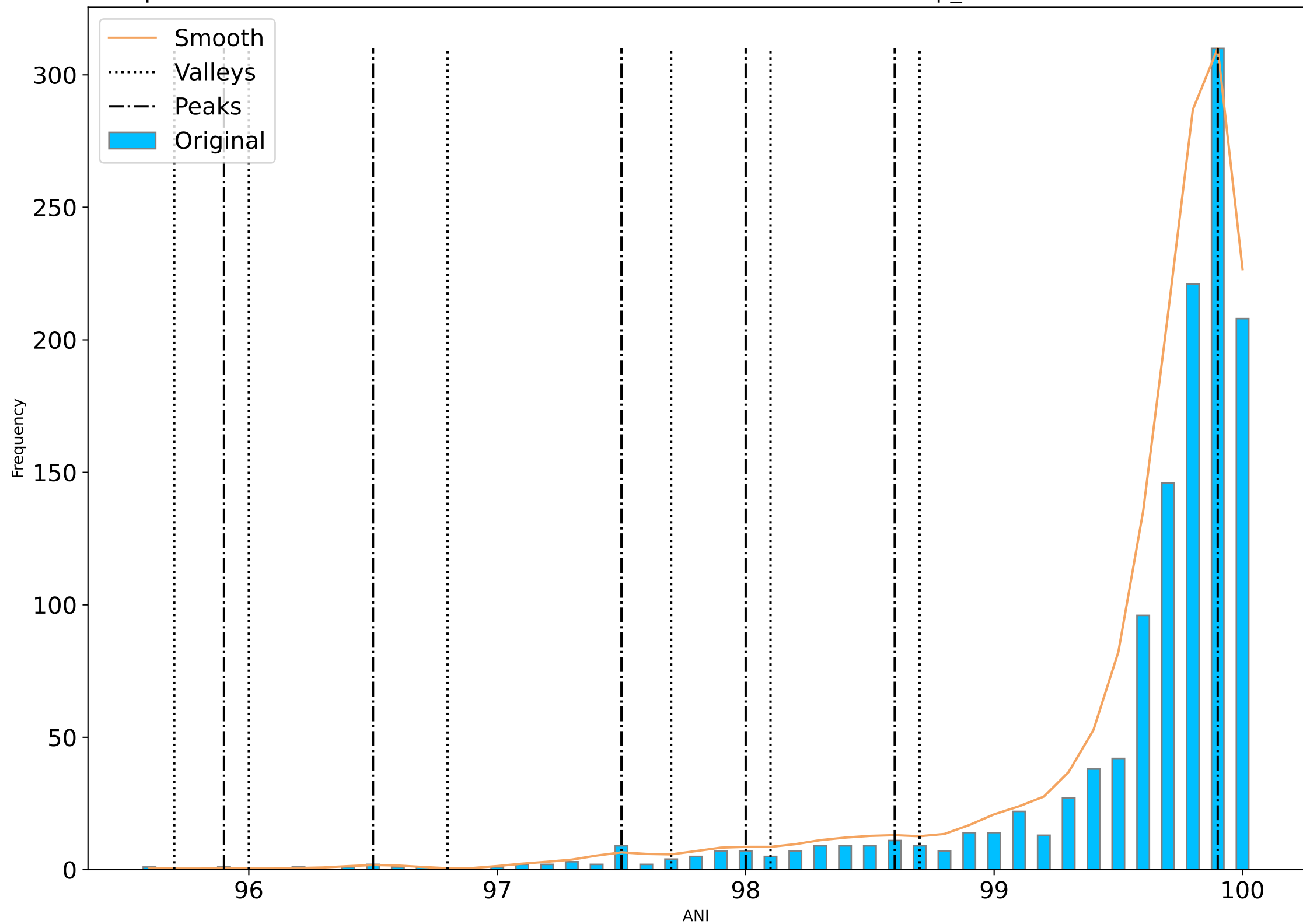
Species_440
Group 2

Norm_test 0.0
Dip_test 5.635742461196358e-05



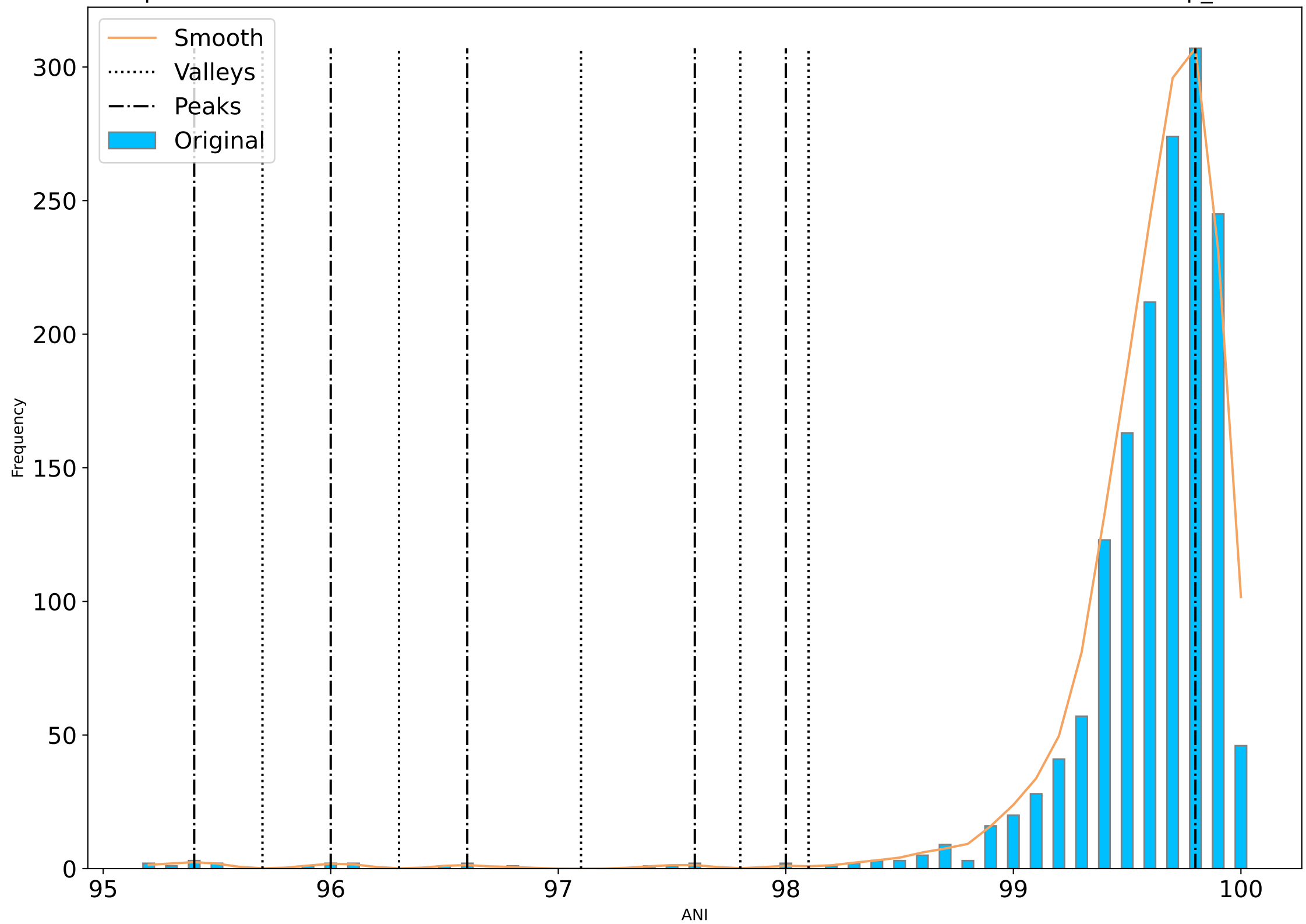
Species_441
Group 2

Norm_test 1.252999970180533e-168
Dip_test 0.003384218279395279



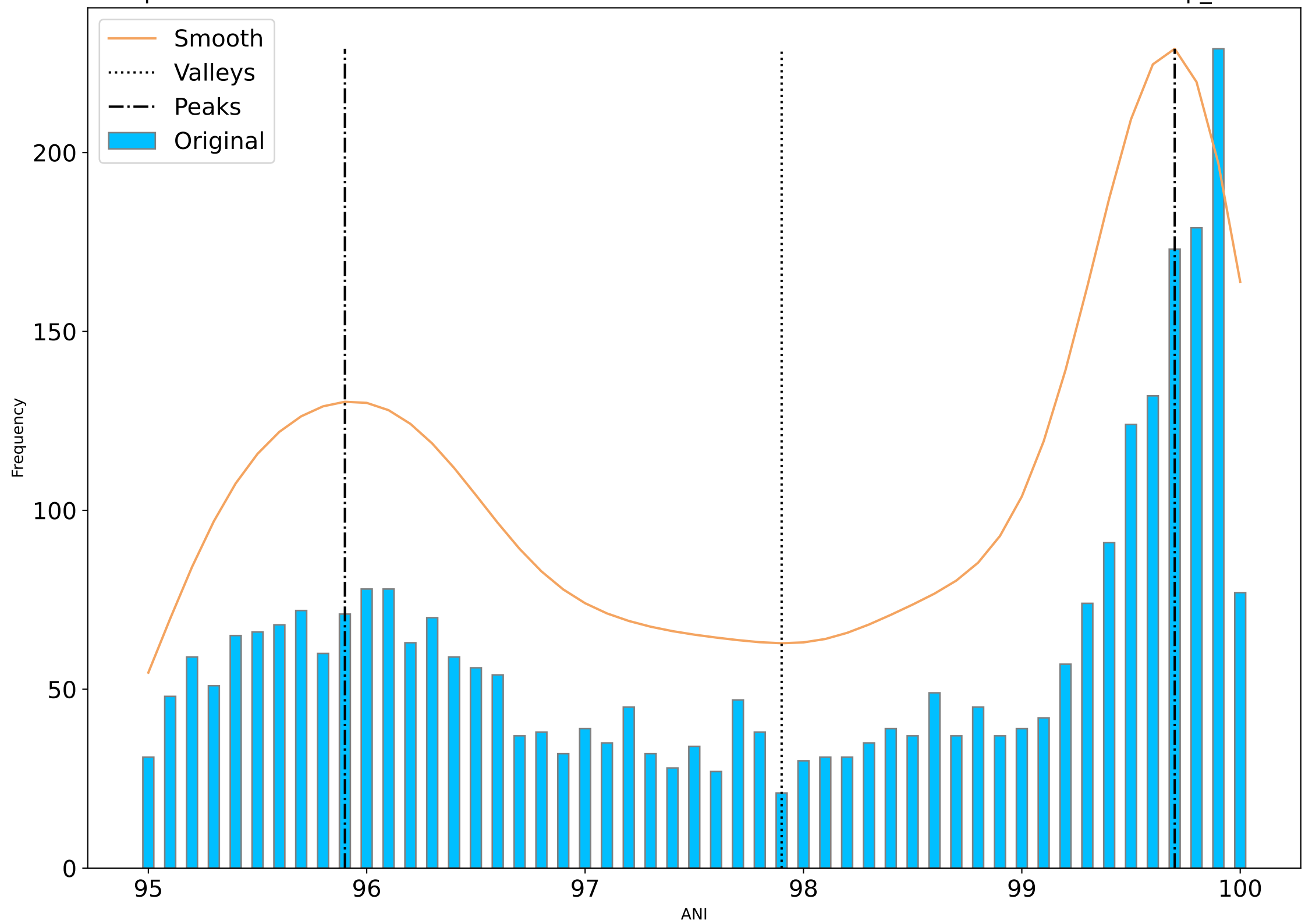
Species_444
Group 2

Norm_test 0.0
Dip_test 0.0



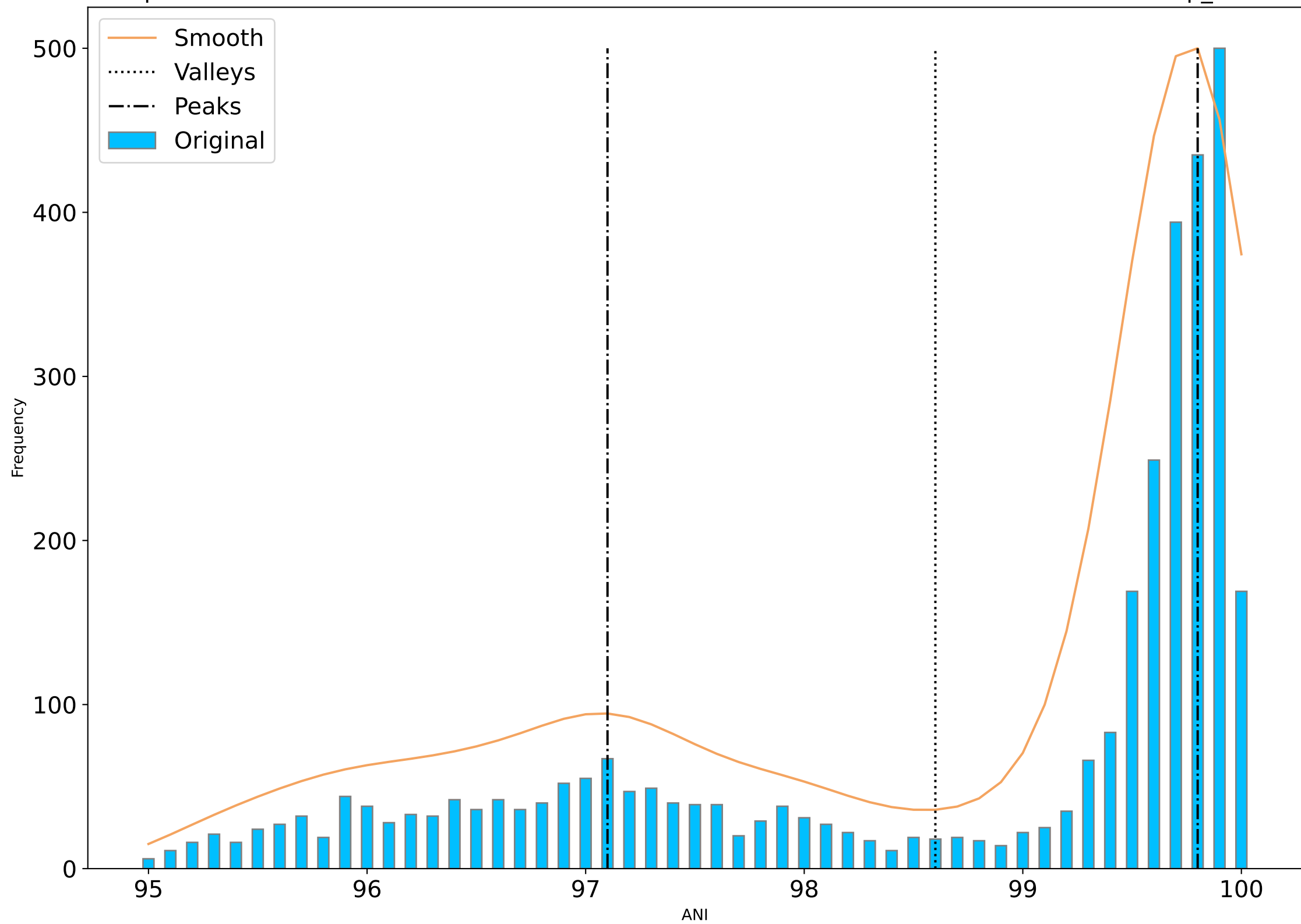
Species_446
Group 3

Norm_test 0.0
Dip_test 0.0



Species_447
Group 3

Norm_test 1.1335531541181574e-103
Dip_test 0.0

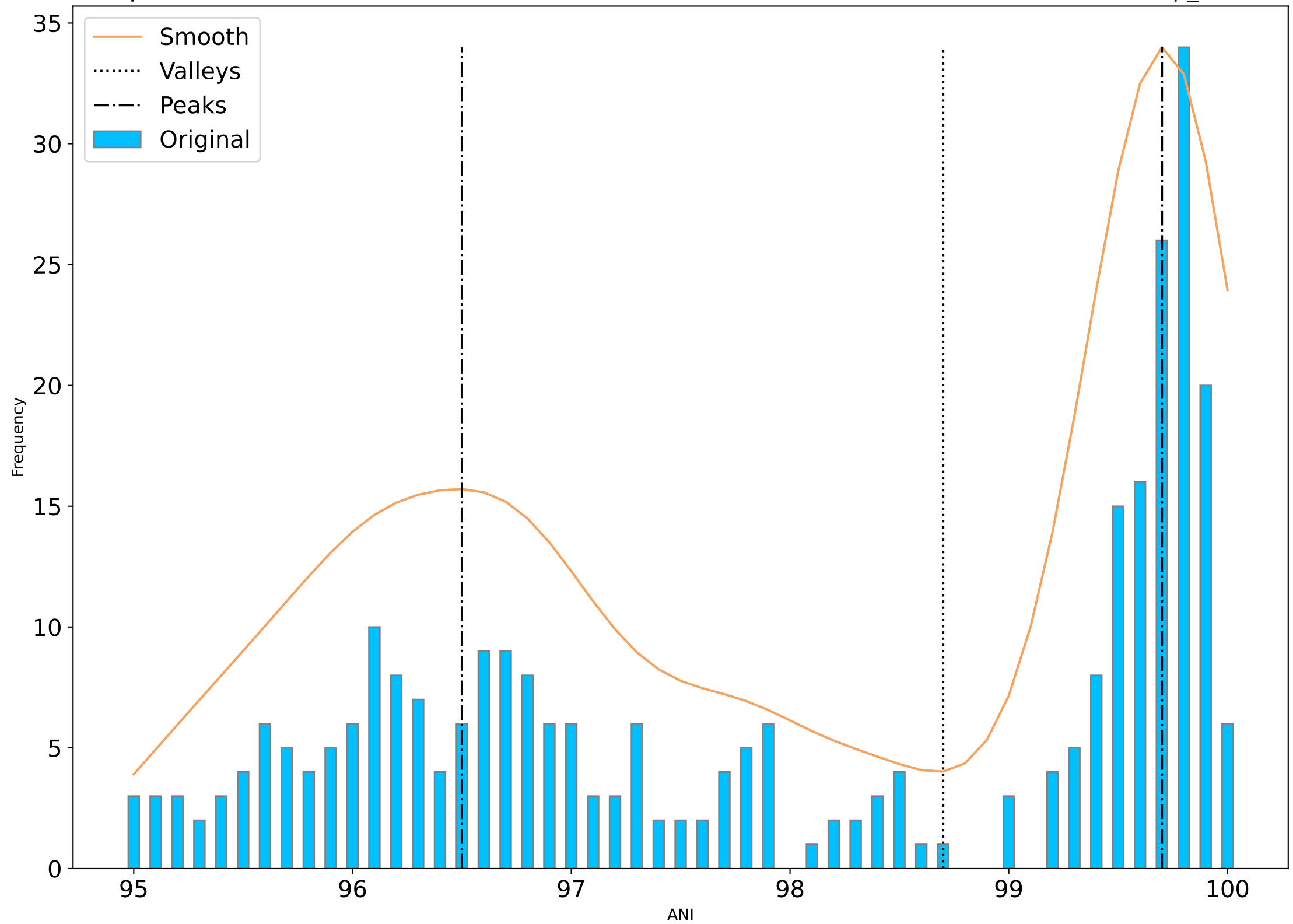


Species_448

Group 3

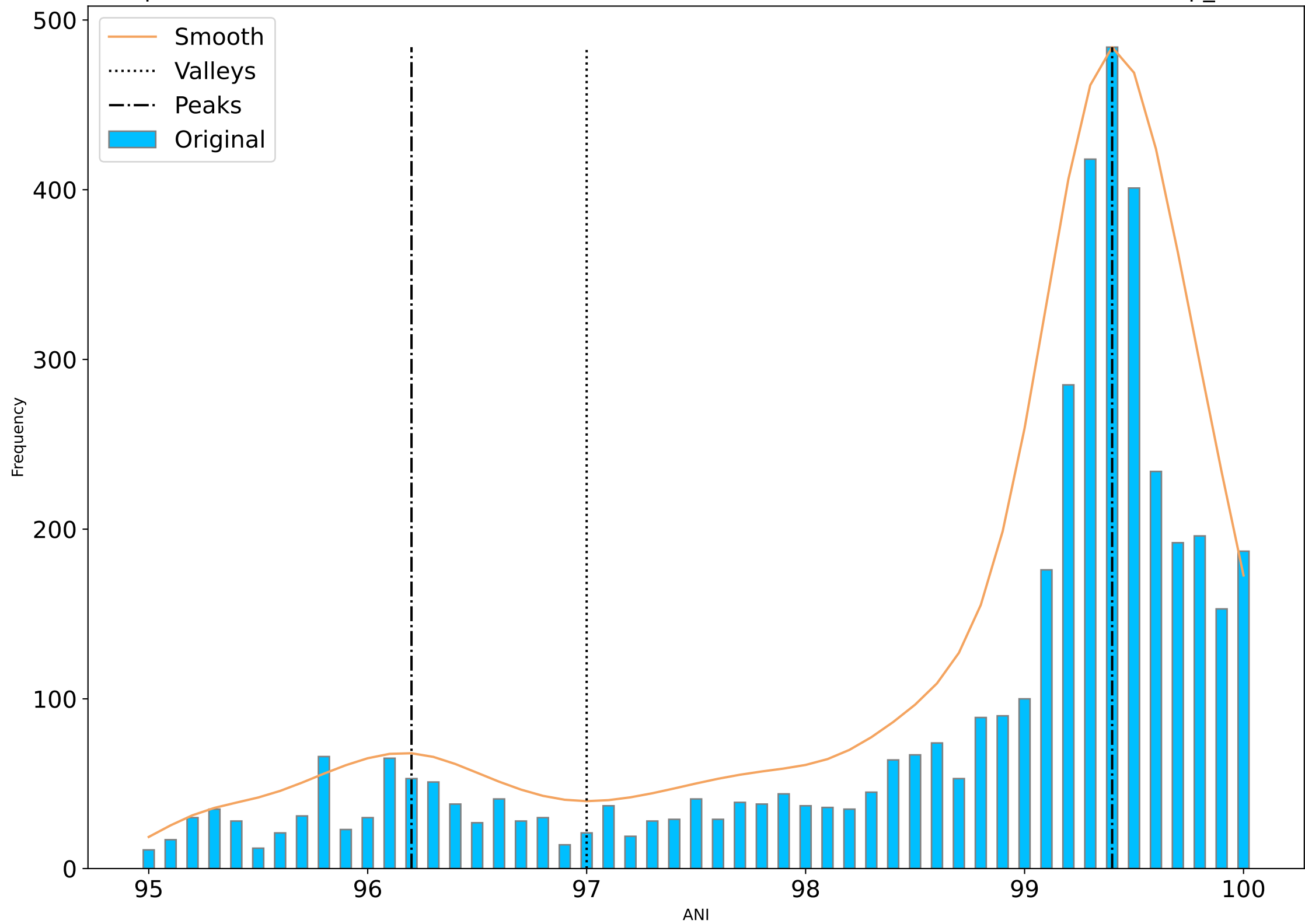
Norm_test 0.0

Dip_test 0.0



Species_449
Group 4

Norm_test 8.603871077075578e-181
Dip_test 0.0

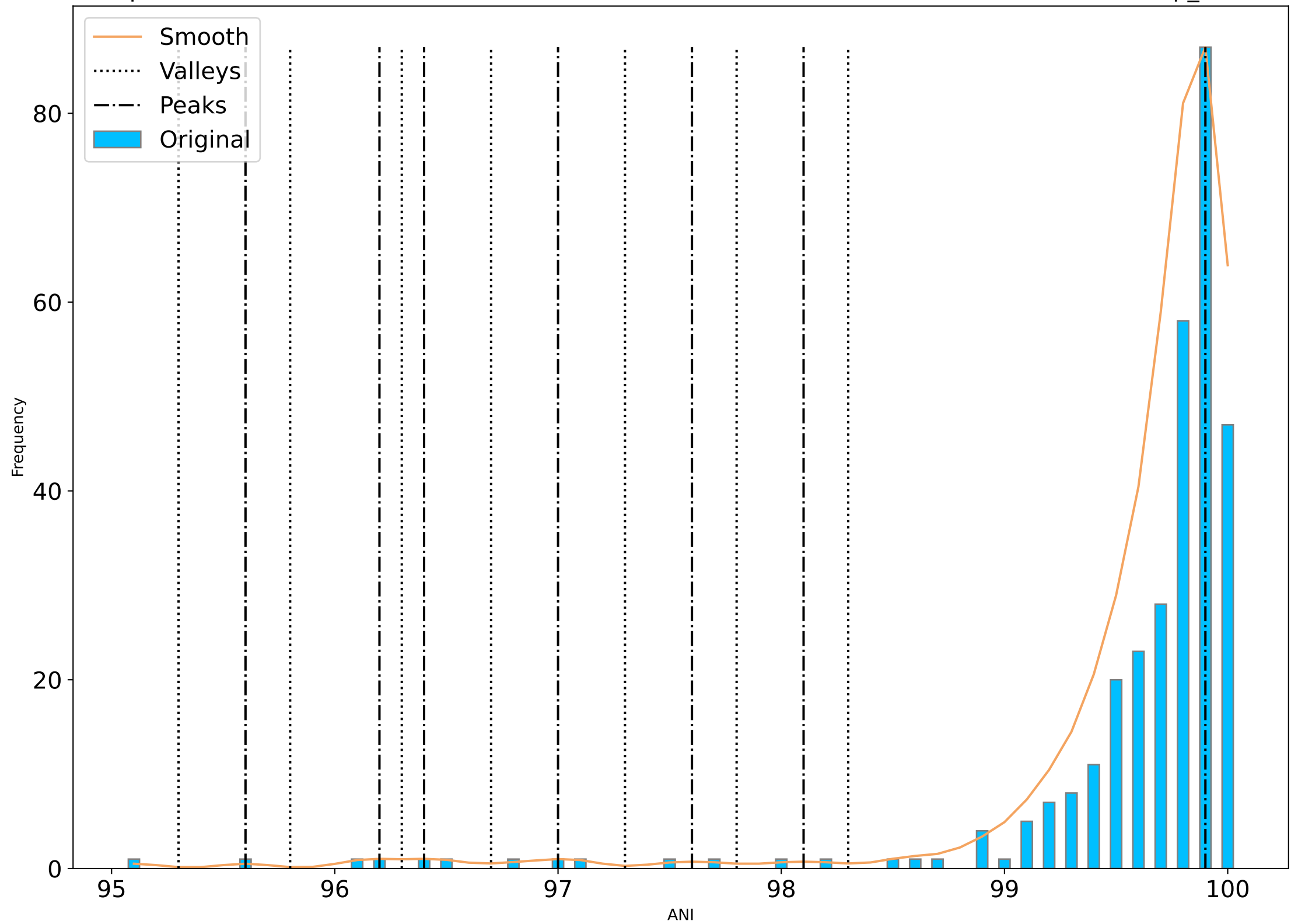


Species_452

Group 2

Norm_test 2.2224998512020355e-65

Dip_test 0.0

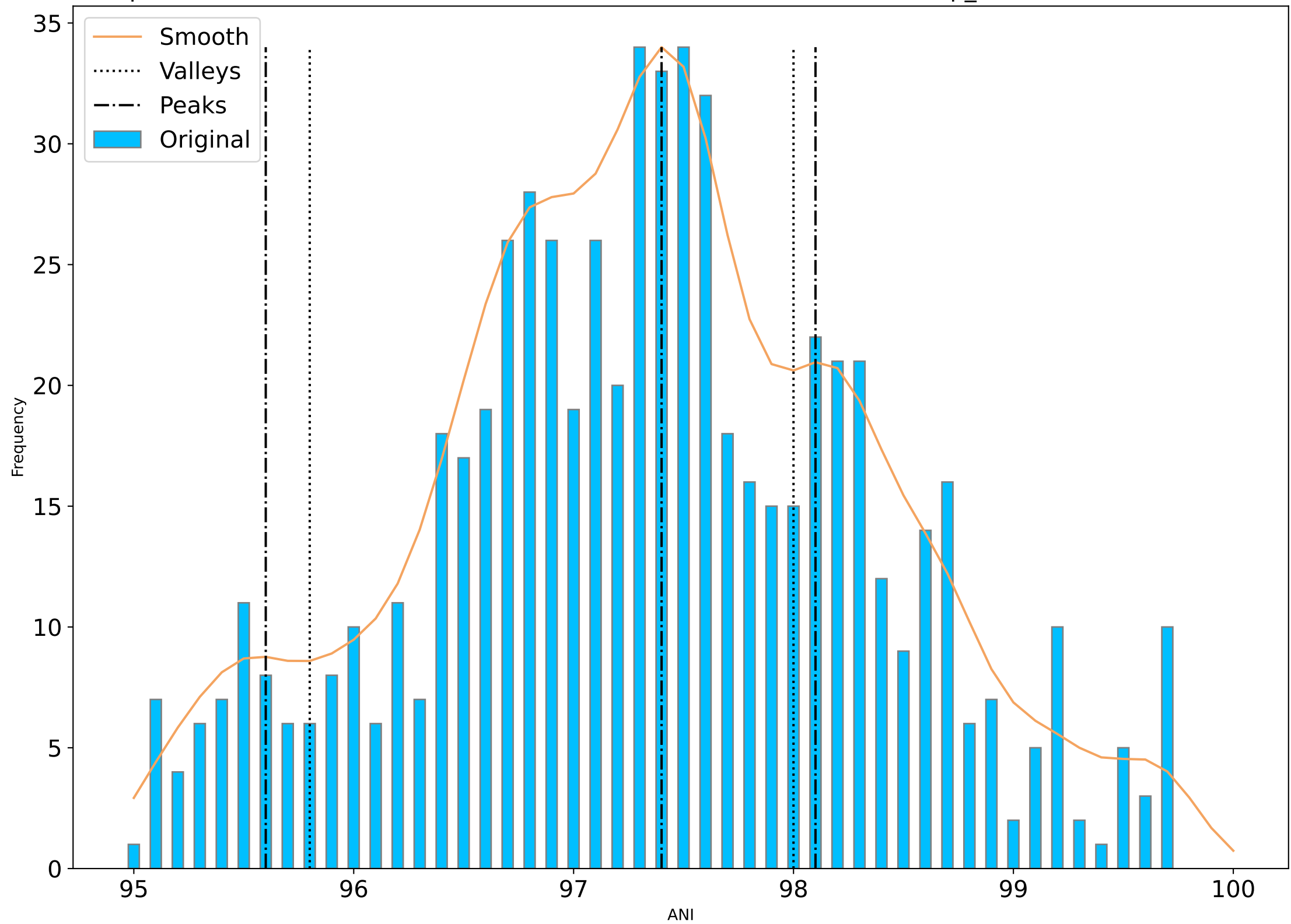


Species_453

Group 3

Norm_test 0.41346012971968116

Dip_test 0.4394334855158427

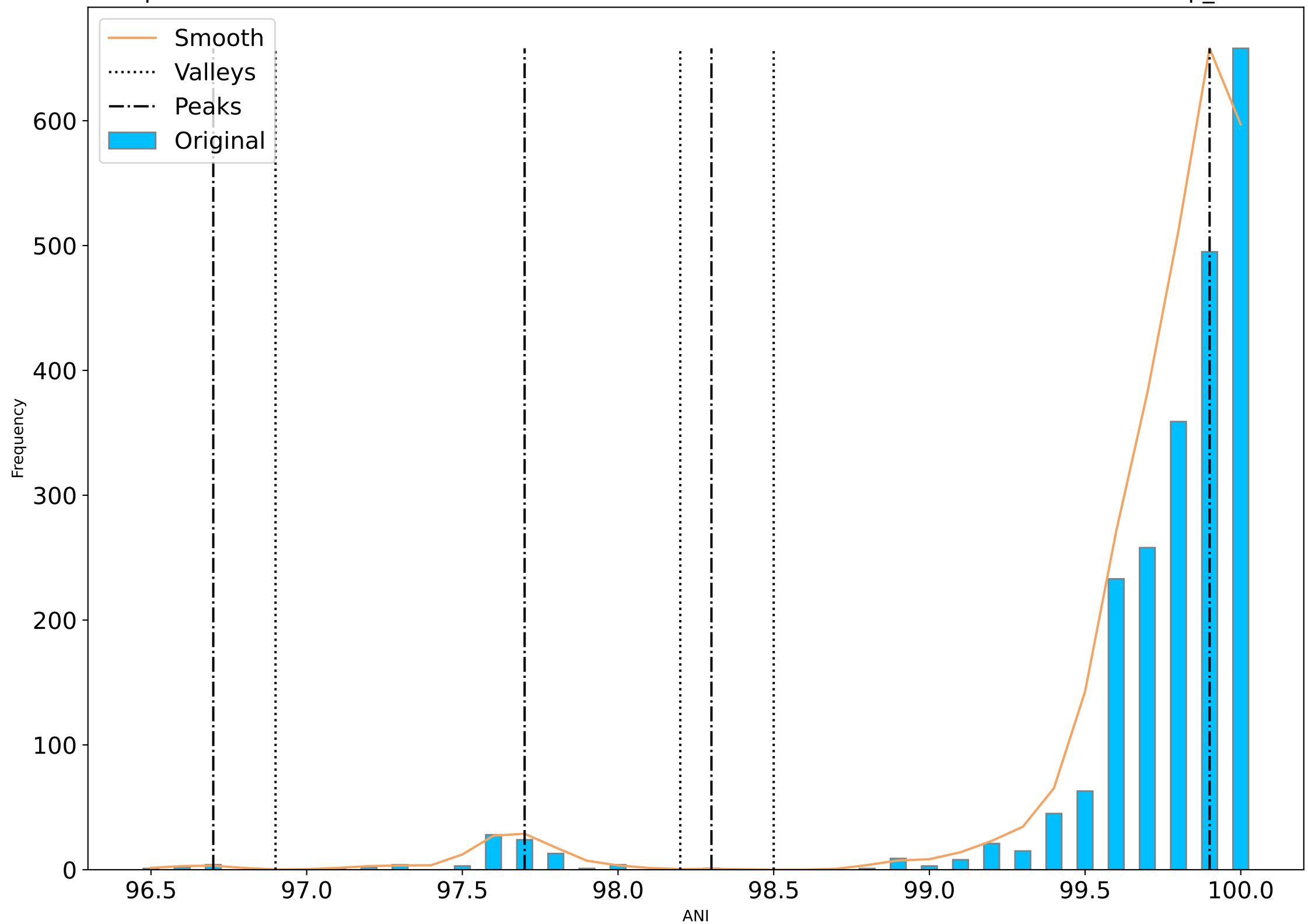


Species_456

Group 2

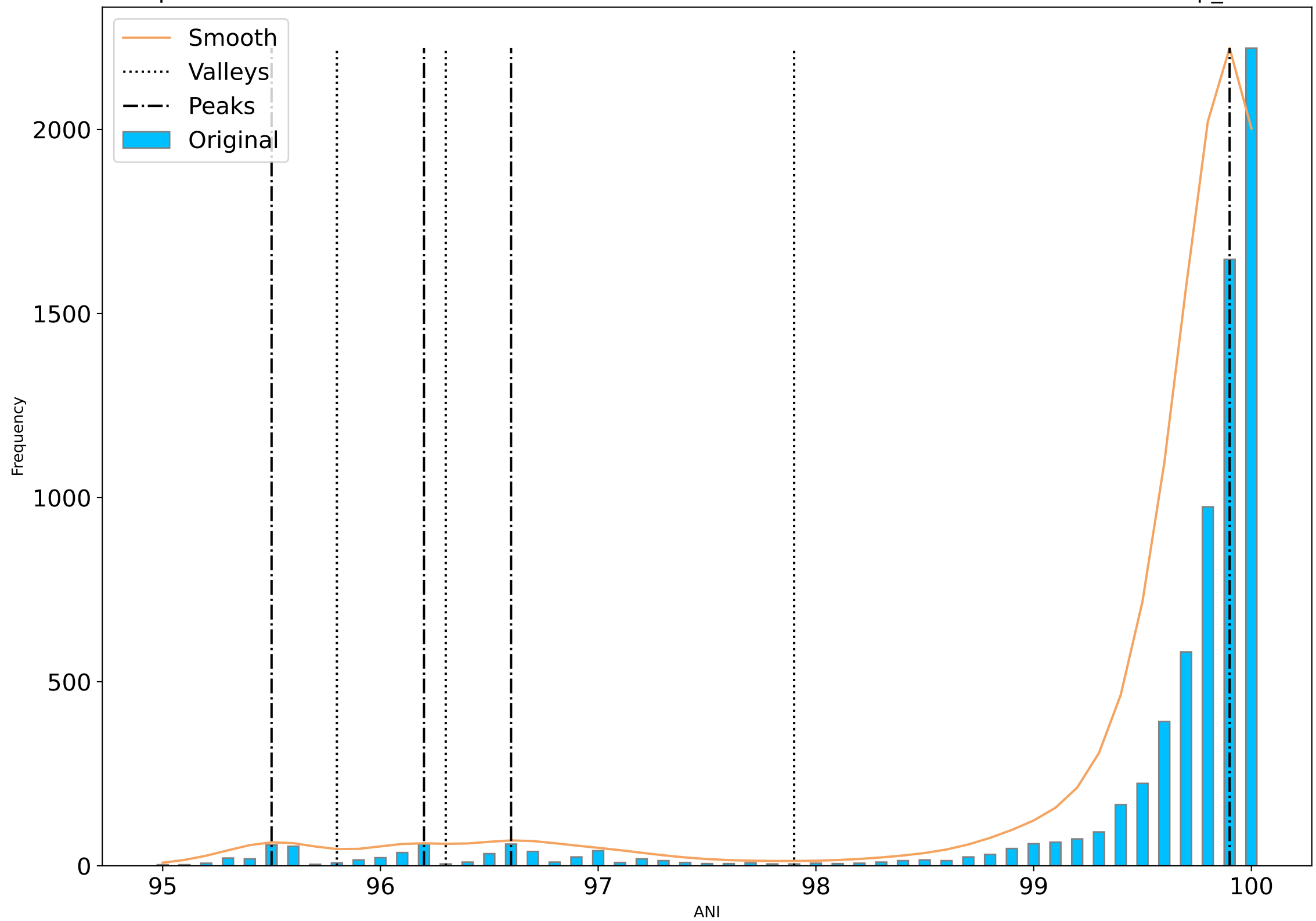
Norm_test 0.0

Dip_test 0.0



Species_457
Group 2

Norm_test 0.0
Dip_test 0.0

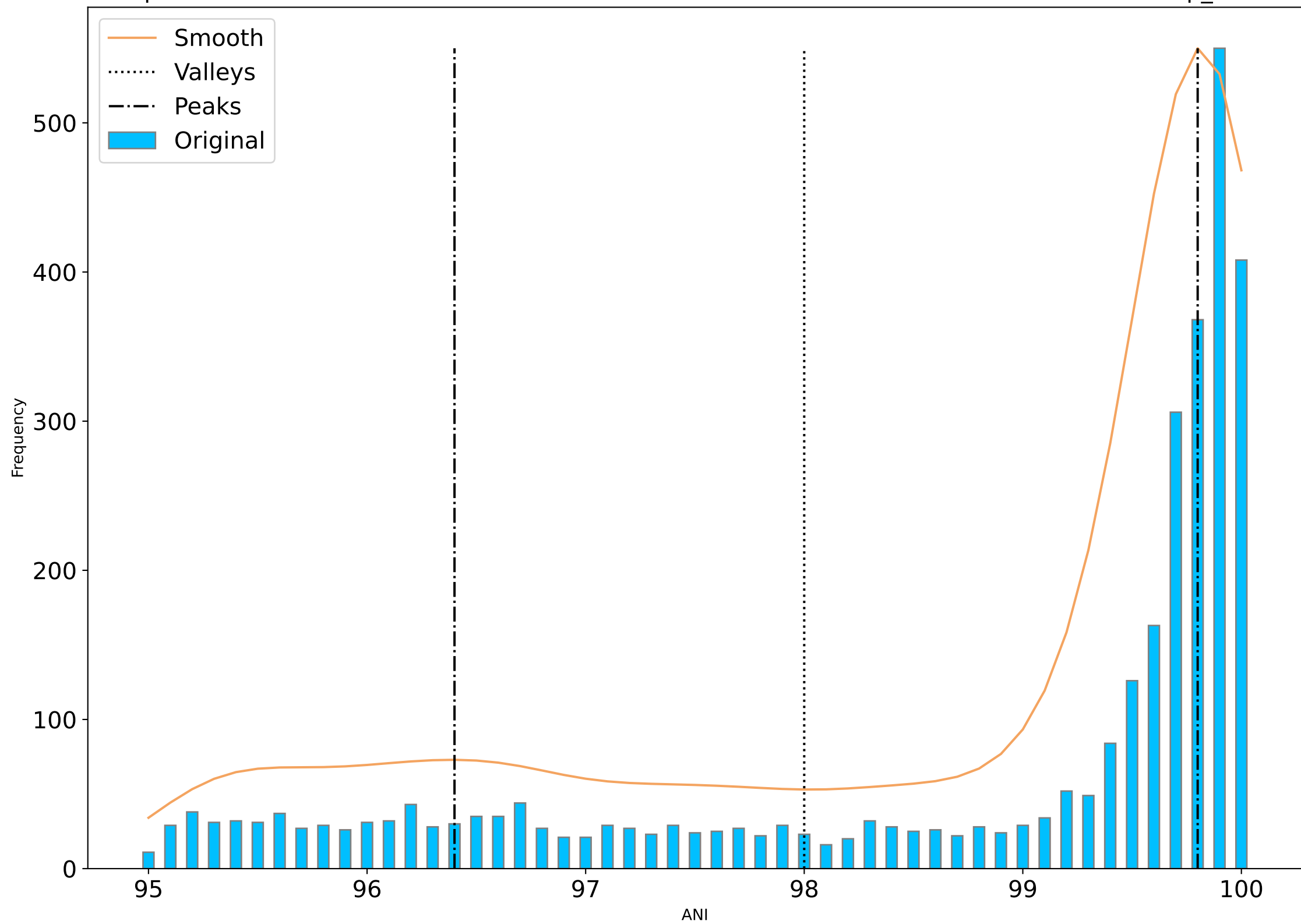


Species_458

Group 3

Norm_test 3.5734249060860476e-104

Dip_test 0.0

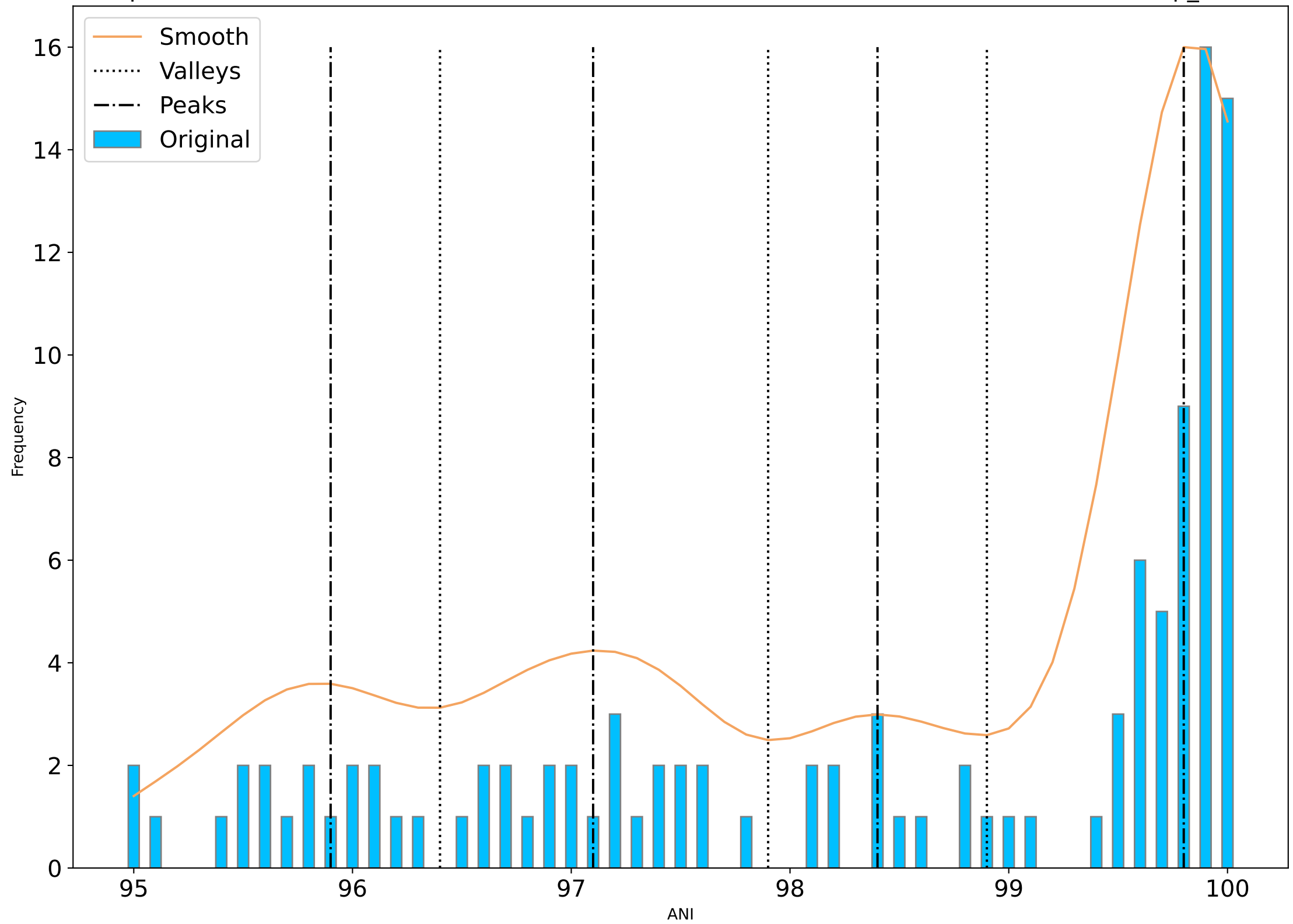


Species_460

Group 1

Norm_test 8.727582665179464e-08

Dip_test 0.0

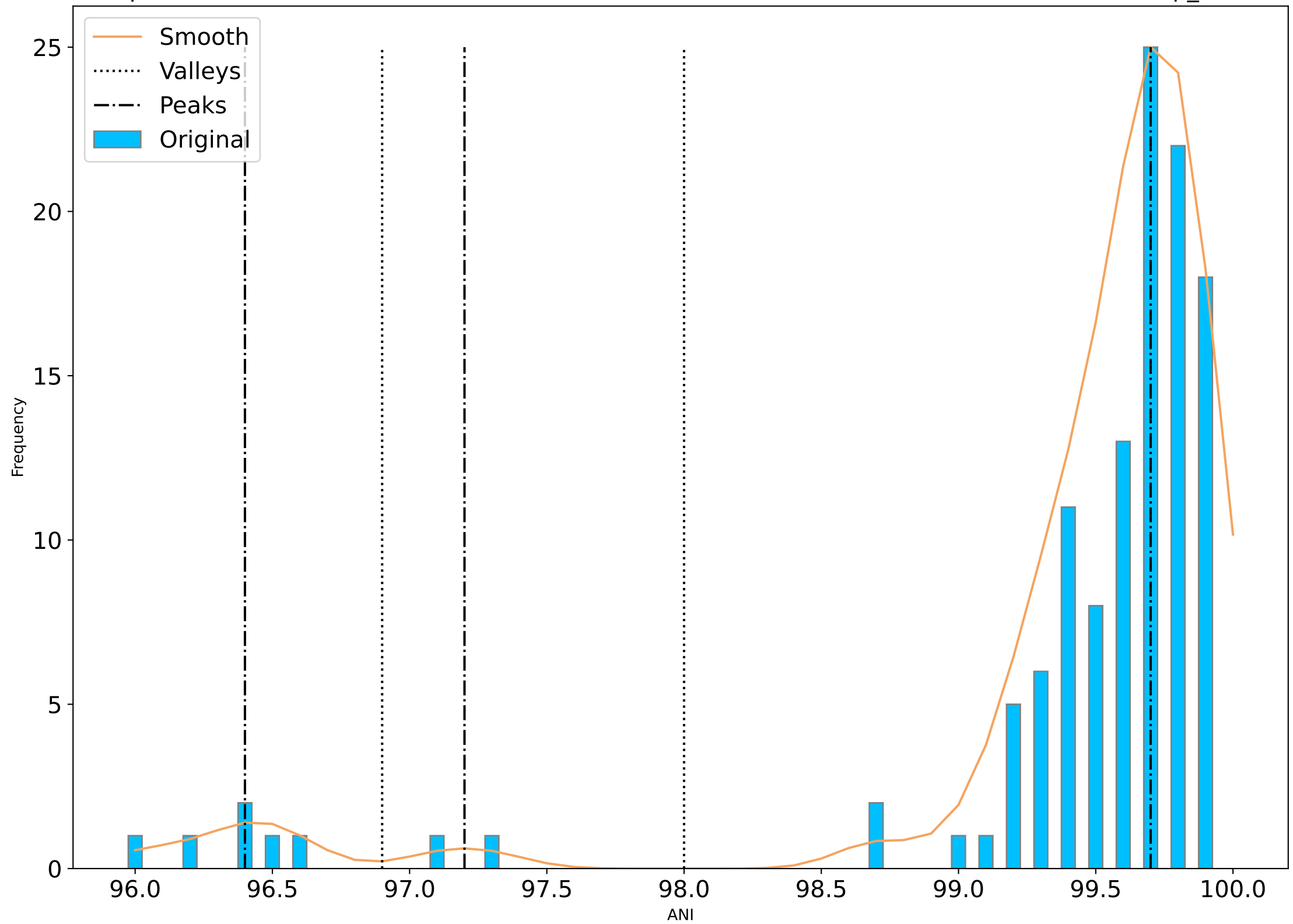


Species_461

Group 3

Norm_test 4.6900442355741865e-22

Dip_test 0.0

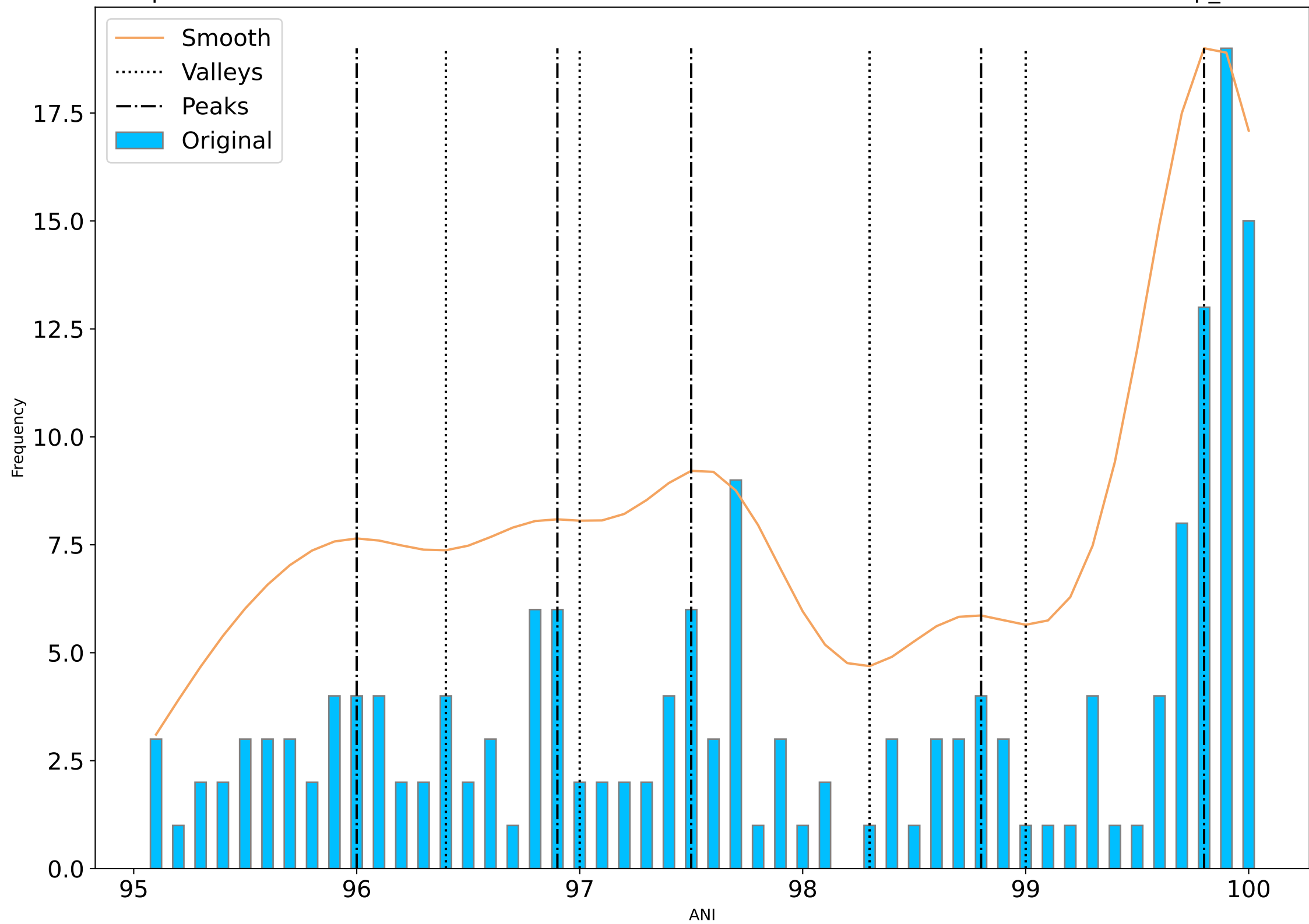


Species_463

Group 1

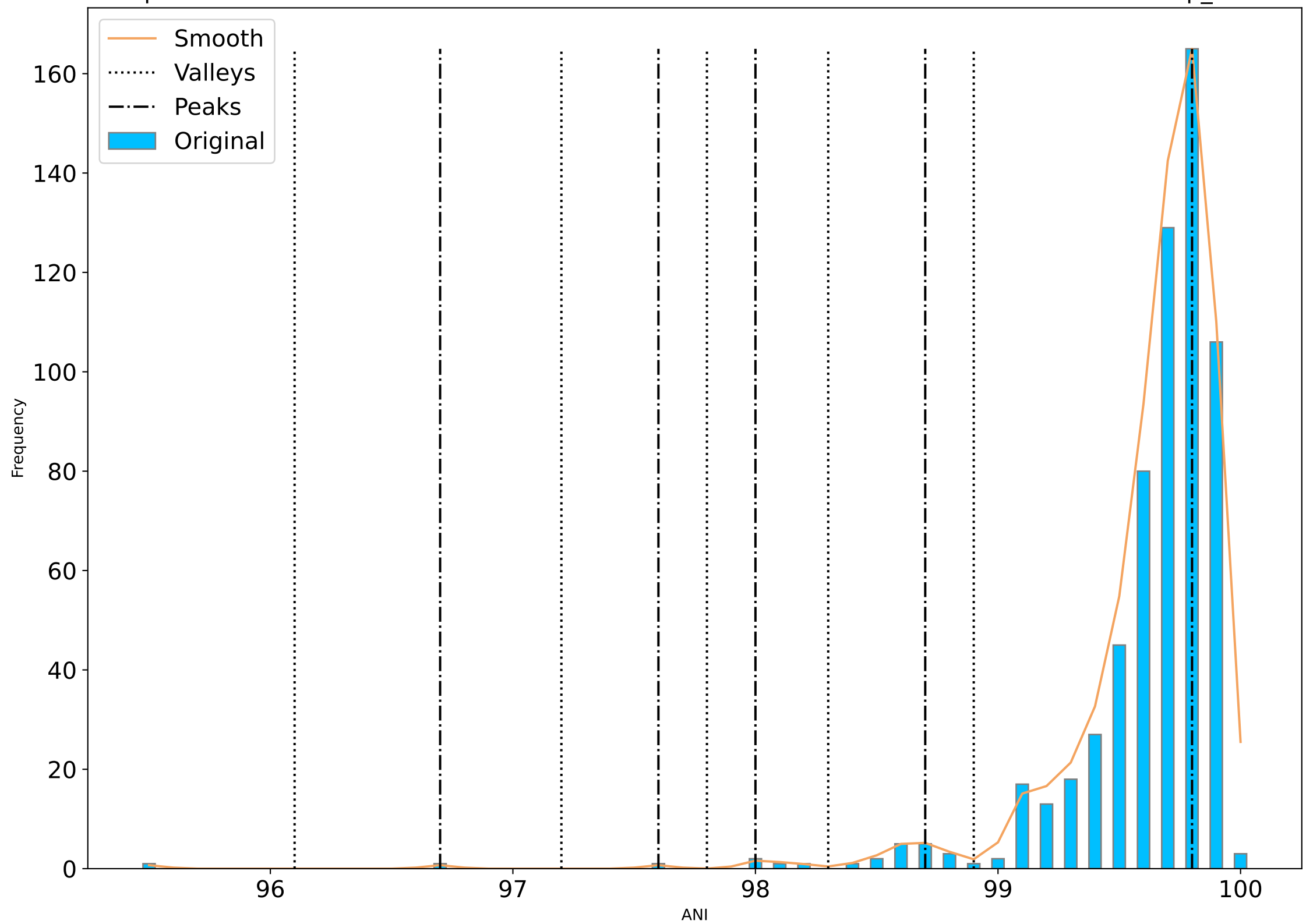
Norm_test 2.579810557762401e-58

Dip_test 0.0



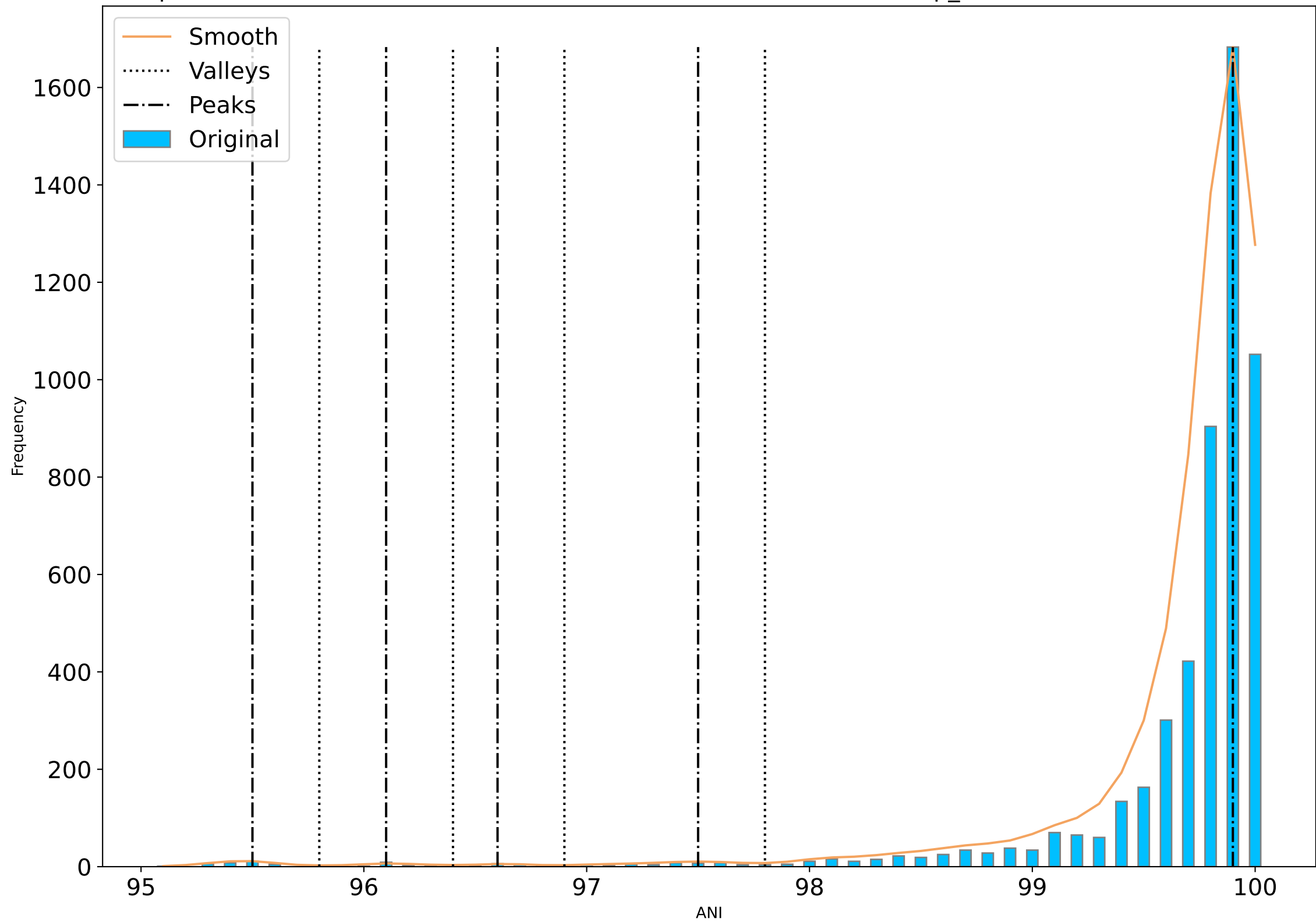
Species_465
Group 2

Norm_test 1.8256798830223167e-143
Dip_test 0.0



Species_466
Group 2

Norm_test 0.0
Dip_test 0.0007075400157748879

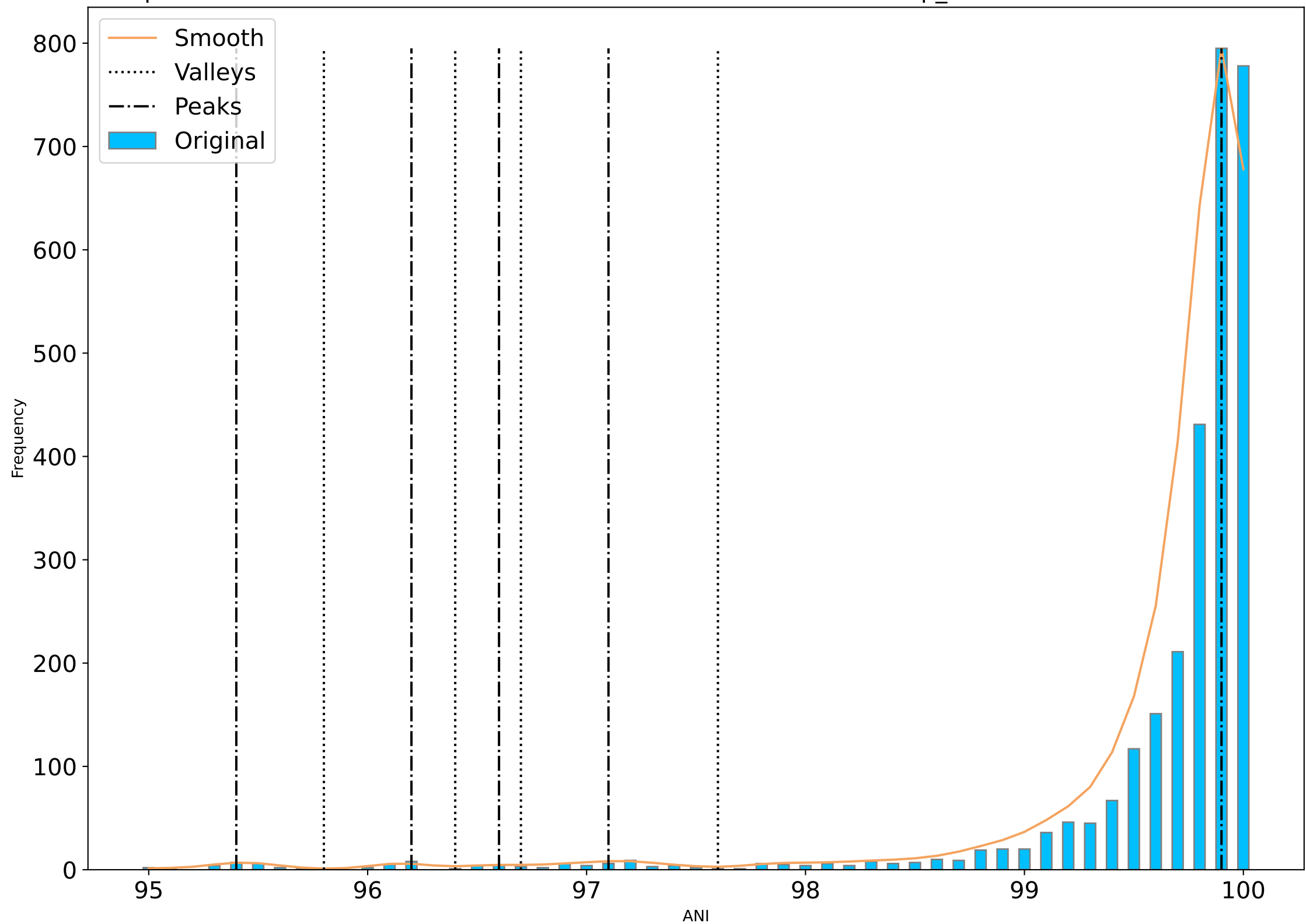


Species_468

Group 2

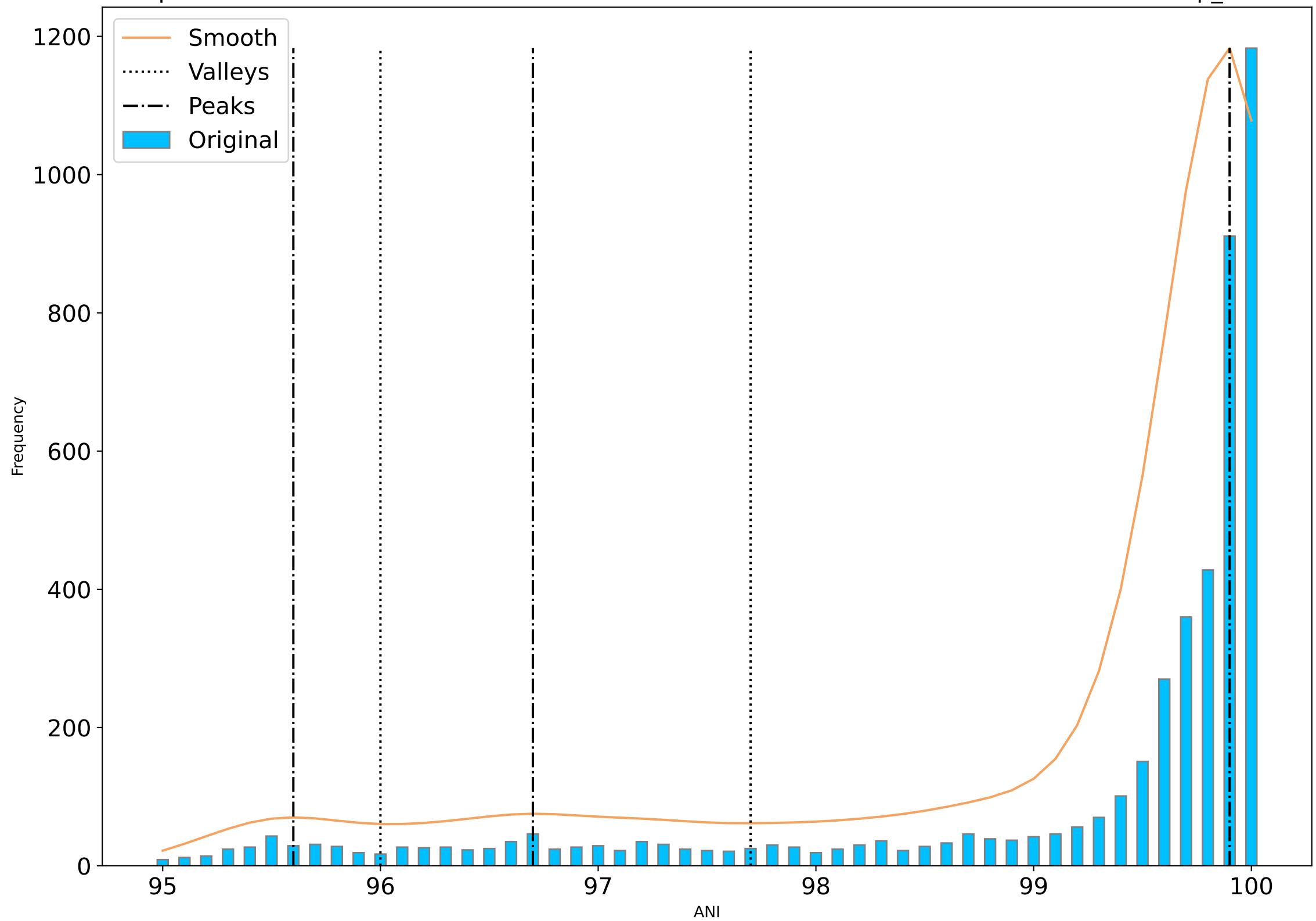
Norm_test 0.0

Dip_test 0.0012845433020197694



Species_471
Group 3

Norm_test 1.1293336711911773e-306
Dip_test 0.0

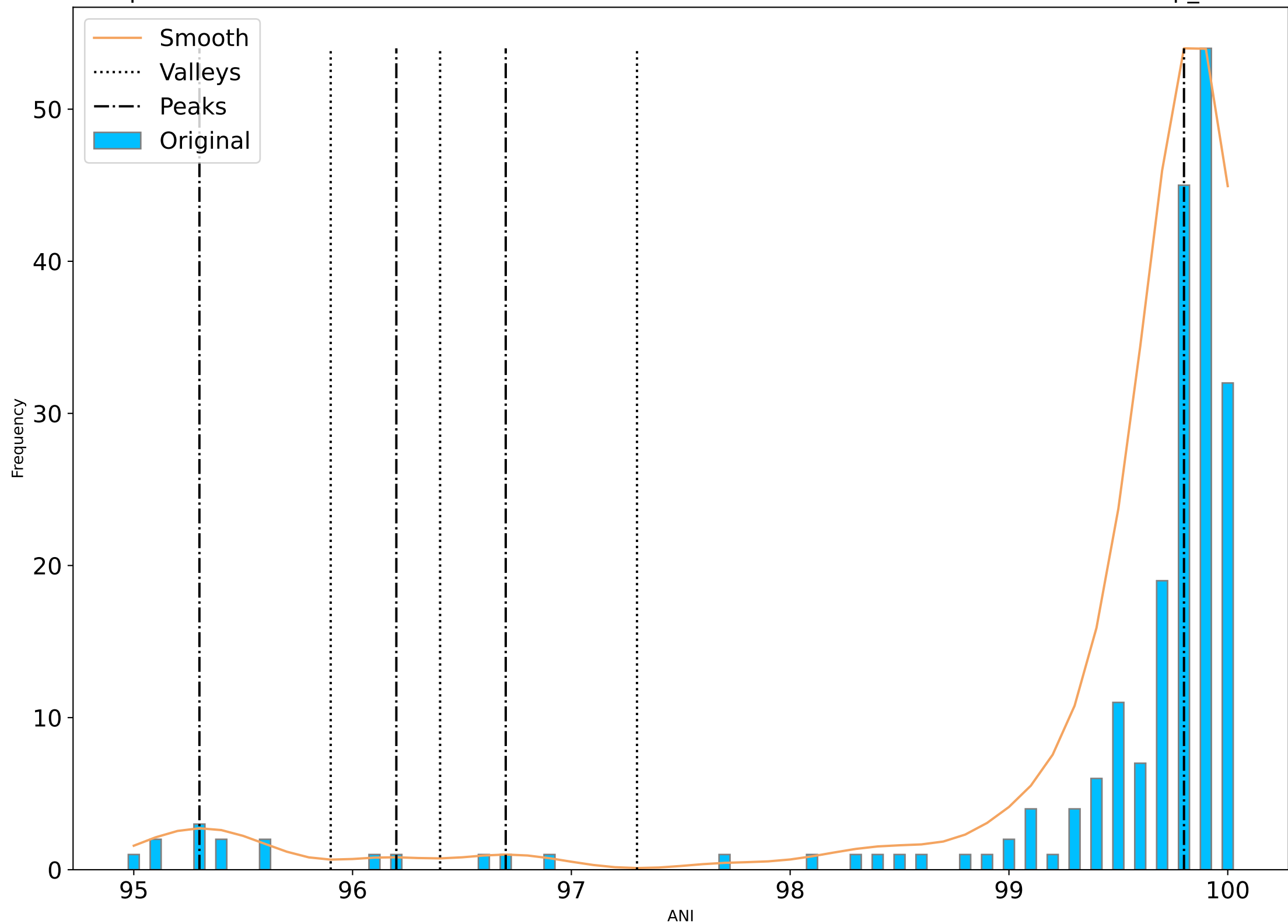


Species_475

Group 3

Norm_test 1.6405983816897494e-32

Dip_test 0.0

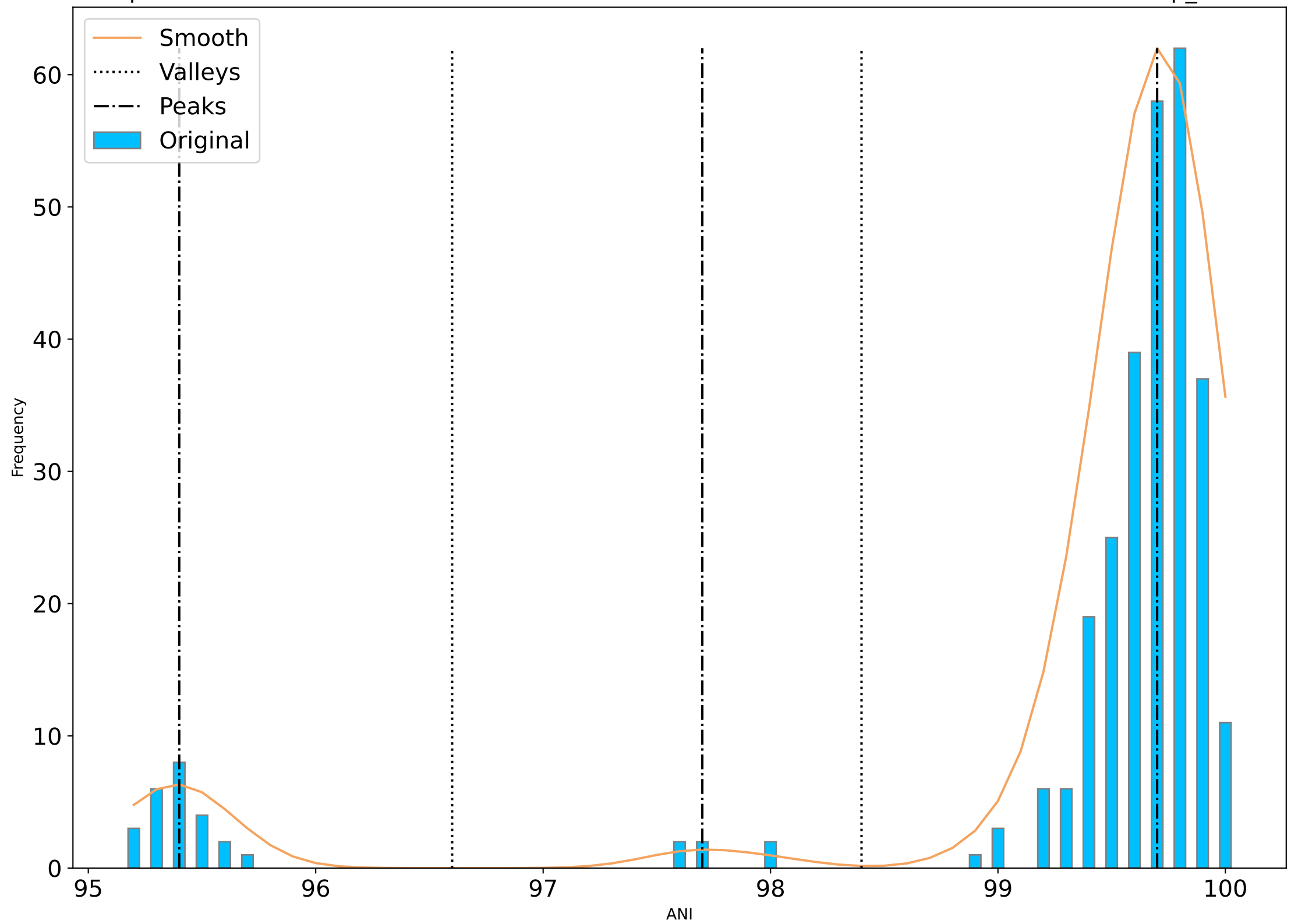


Species_476

Group 3

Norm_test 5.112903652930277e-40

Dip_test 0.0

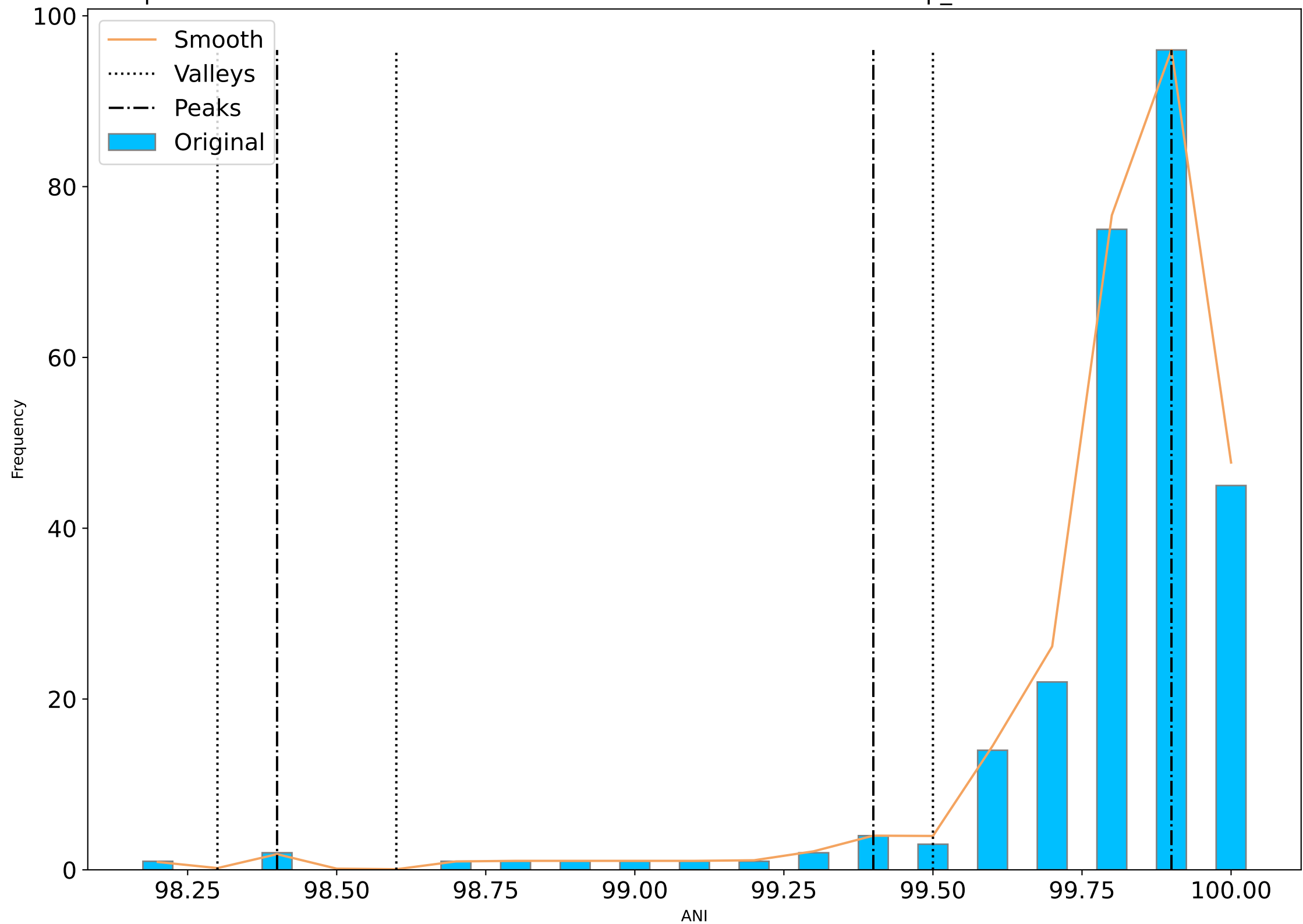


Species_481

Group 2

Norm_test 3.815073812573886e-55

Dip_test 6.719471231209084e-06

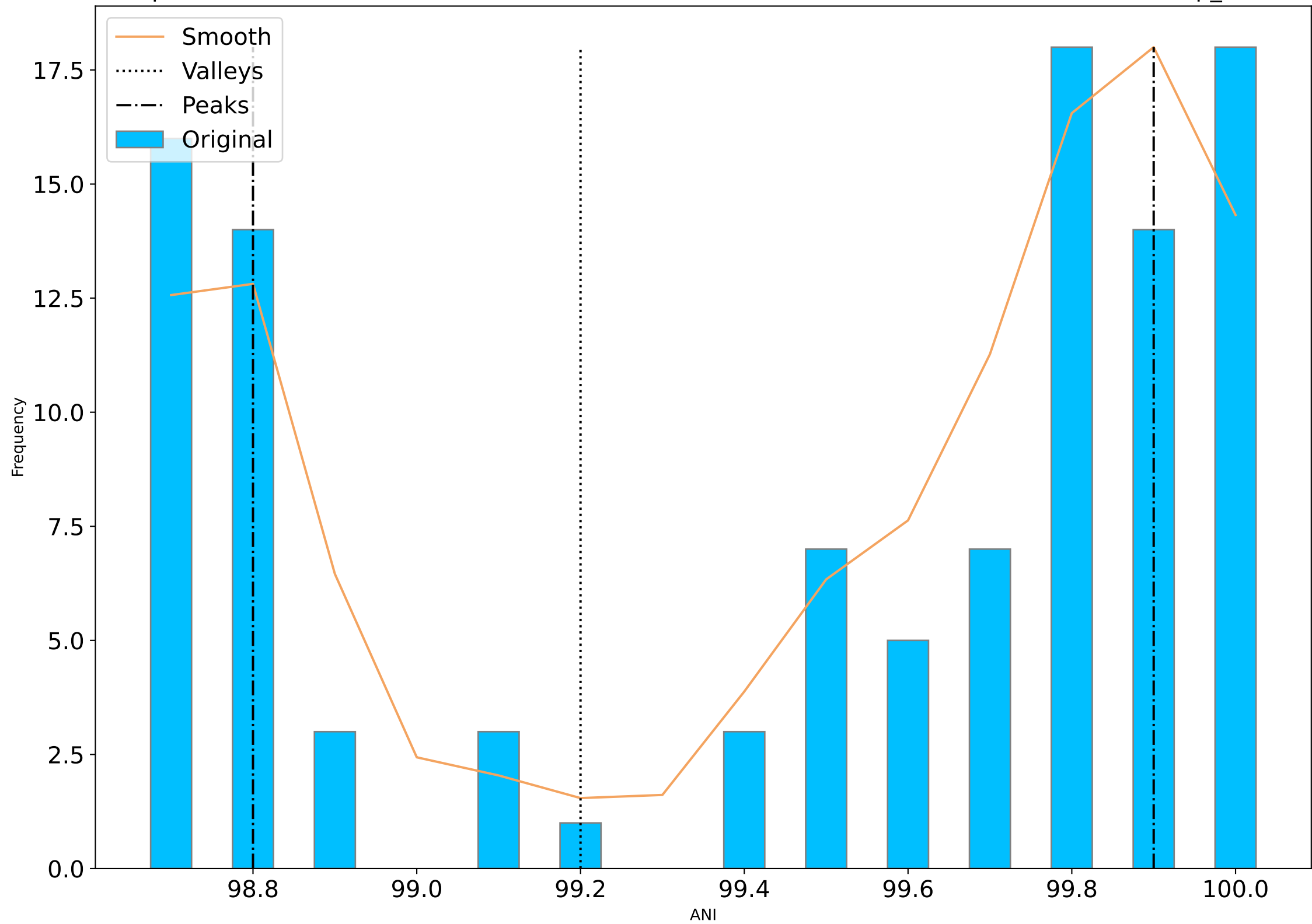


Species_482

Norm_test 1.3918904748275175e-35

Group 1

Dip_test 0.0

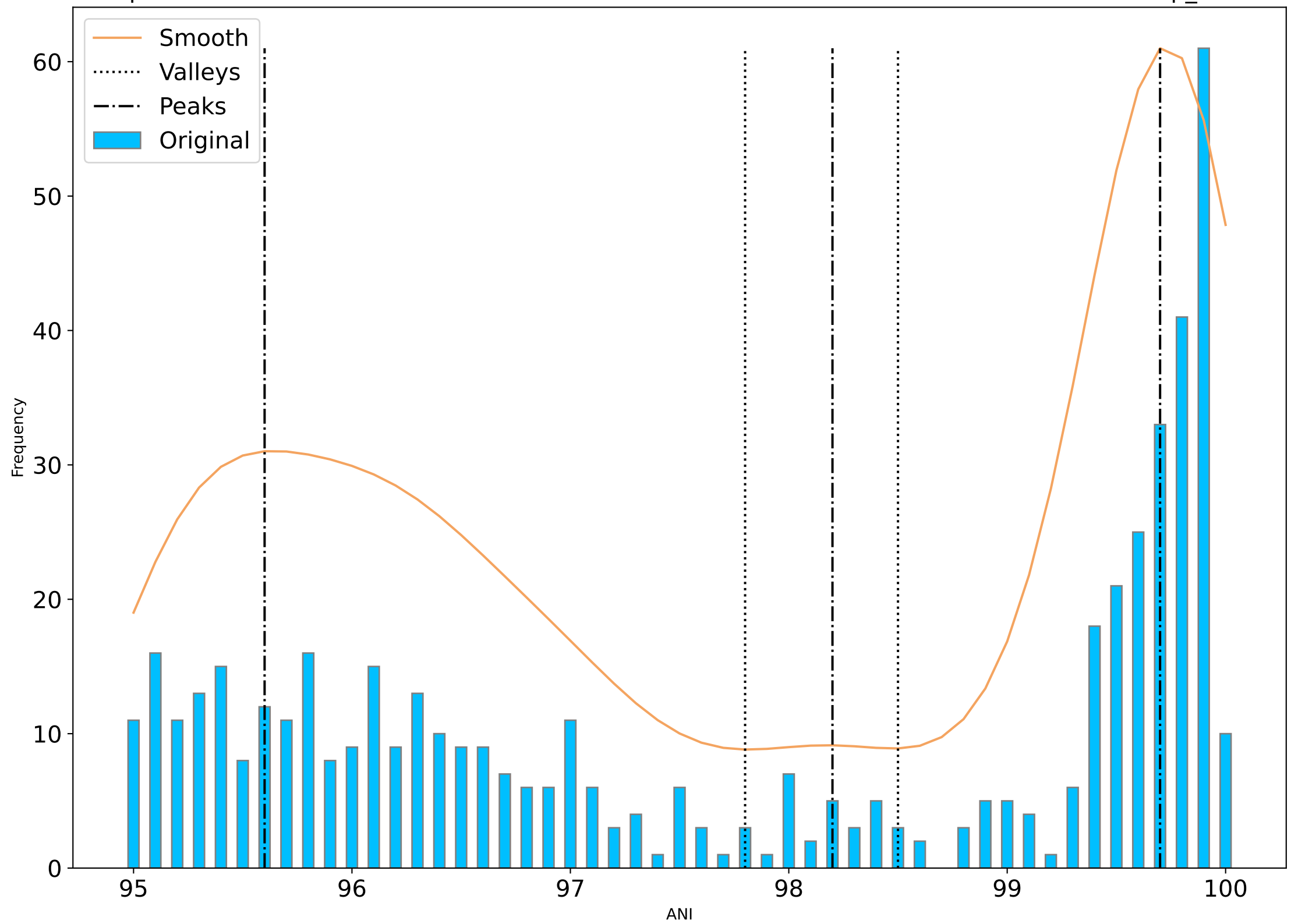


Species_483

Group 3

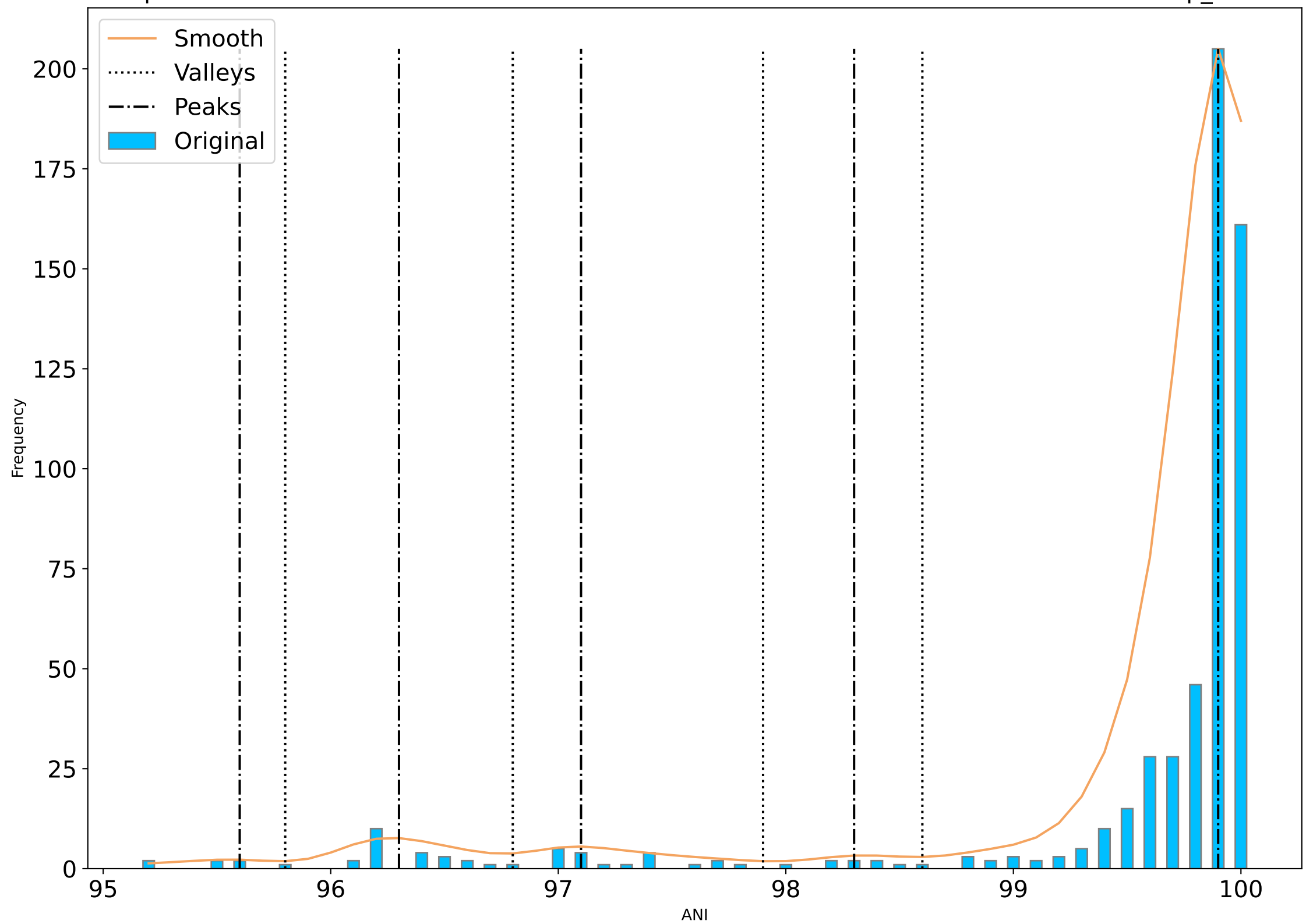
Norm_test 0.0

Dip_test 0.0



Species_484
Group 2

Norm_test 4.581311248022166e-75
Dip_test 0.0

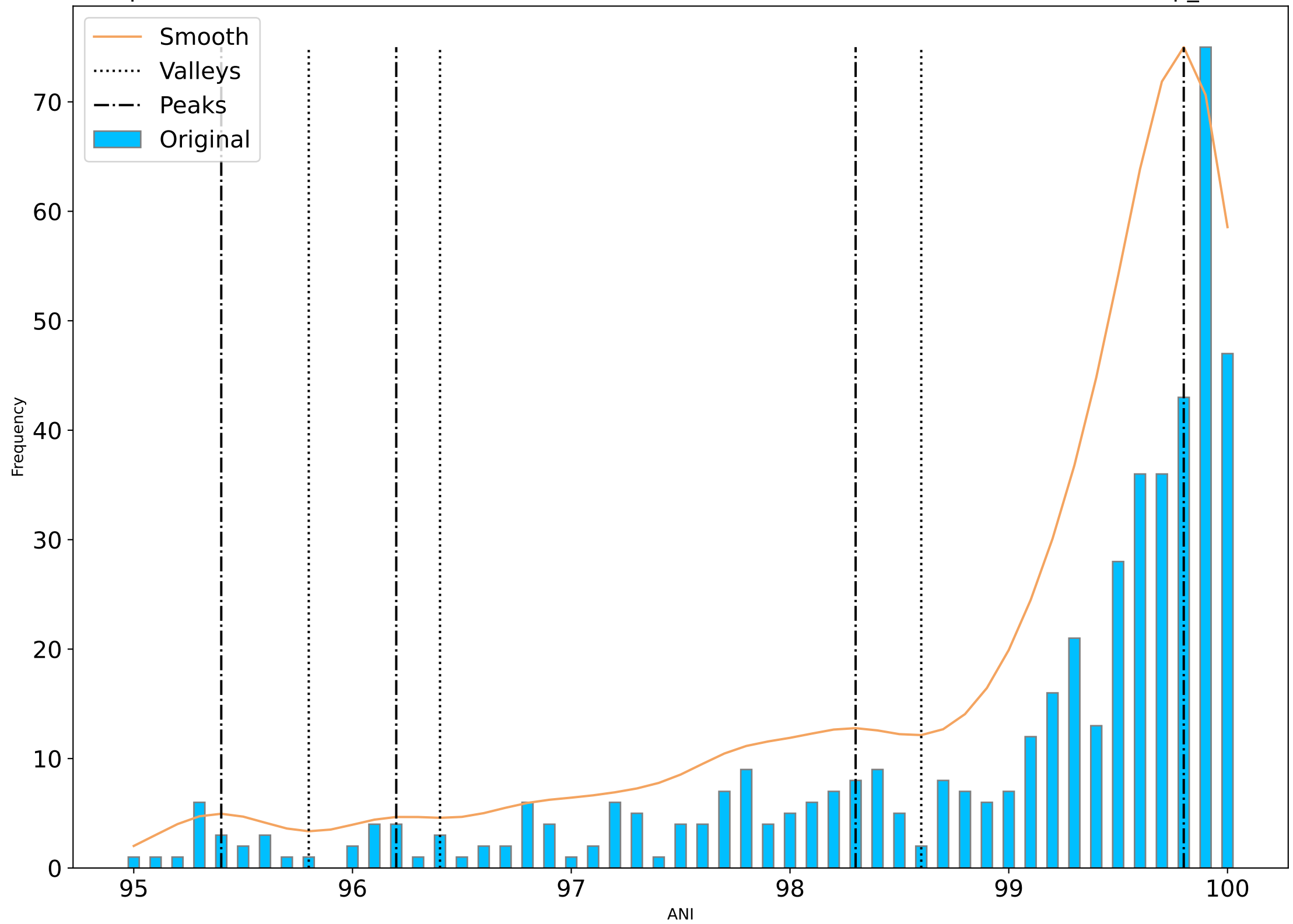


Species_486

Group 3

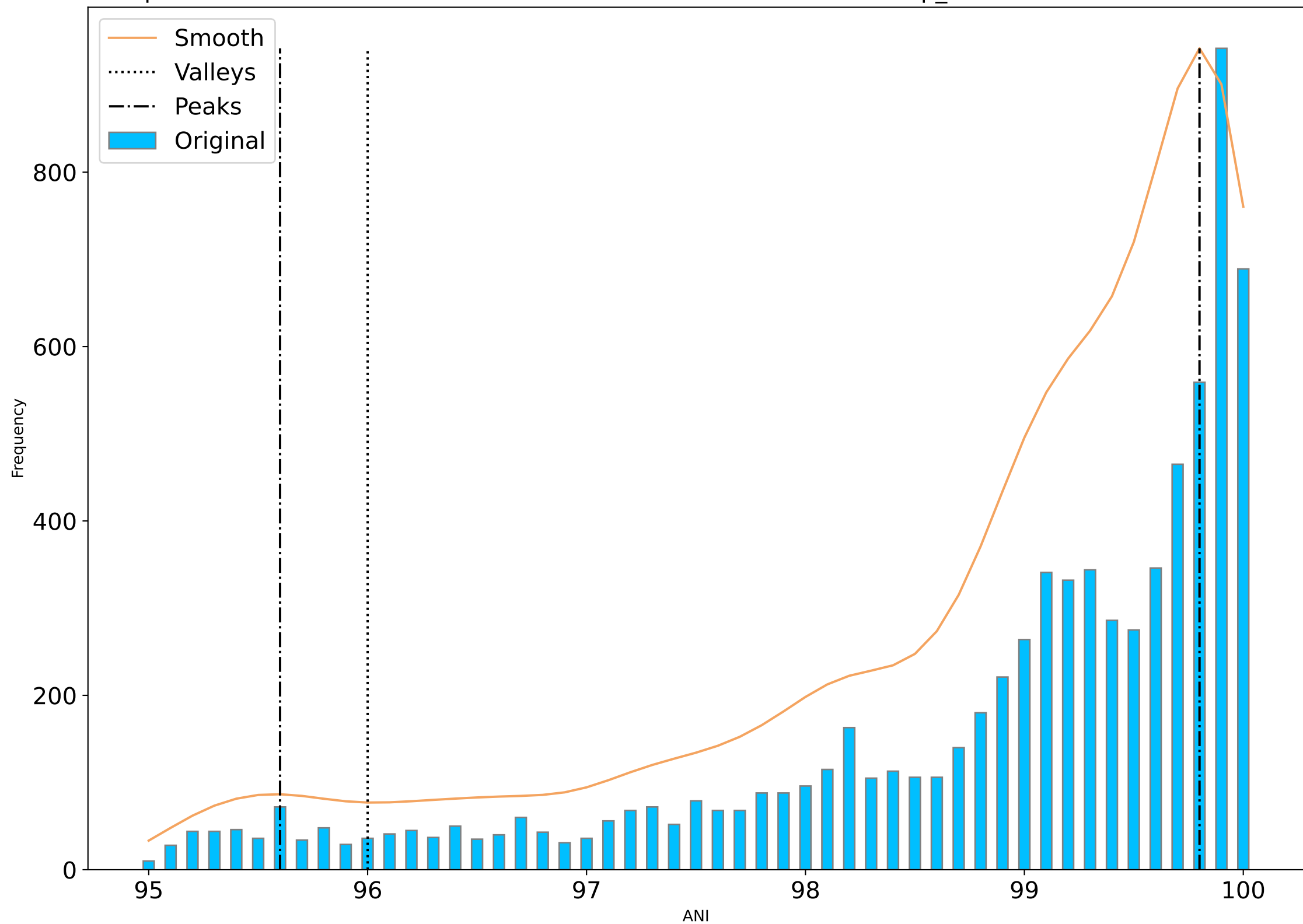
Norm_test 1.1795099979020692e-27

Dip_test 0.0



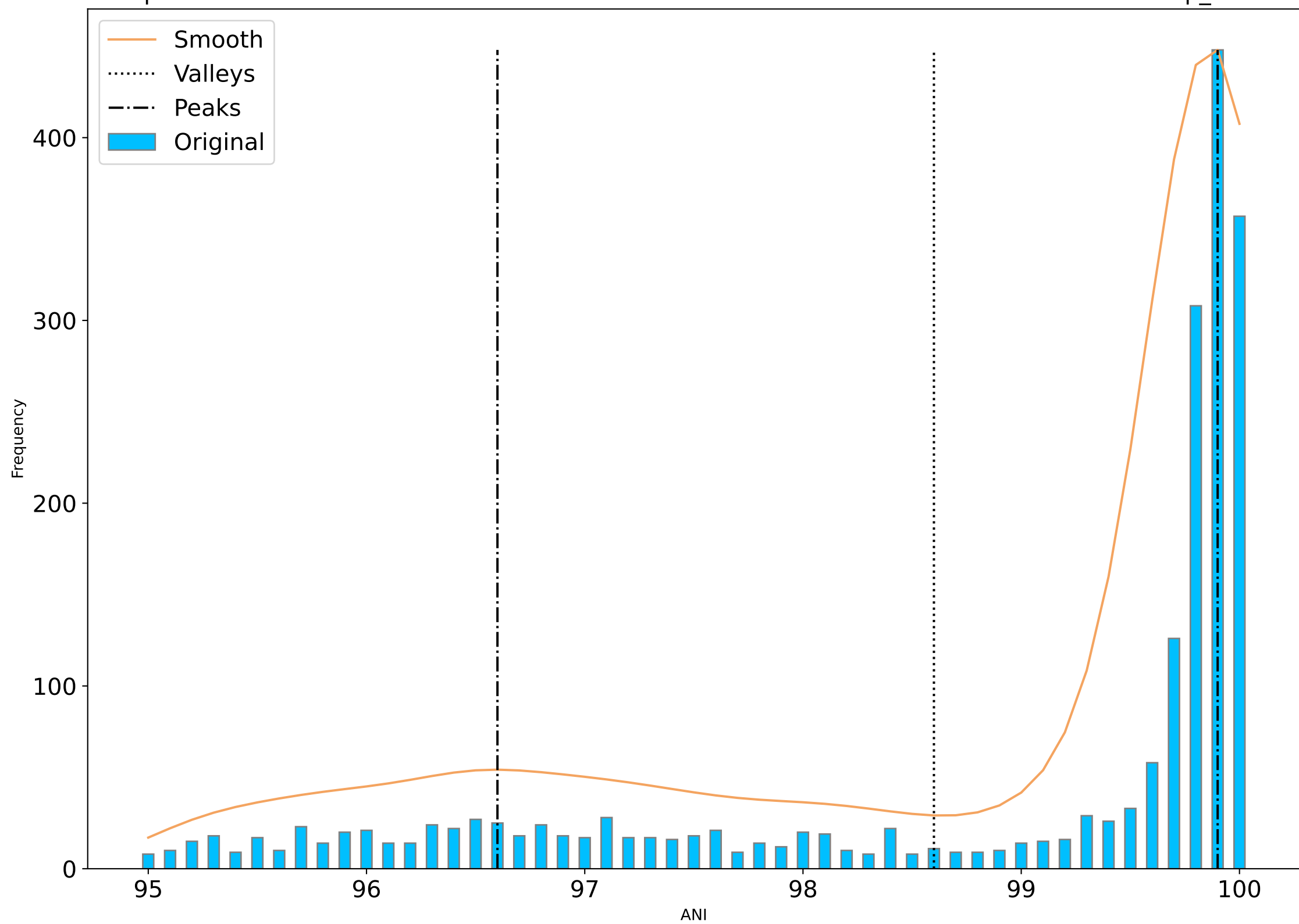
Species_488
Group 3

Norm_test 0.0
Dip_test 0.0045654850536345215



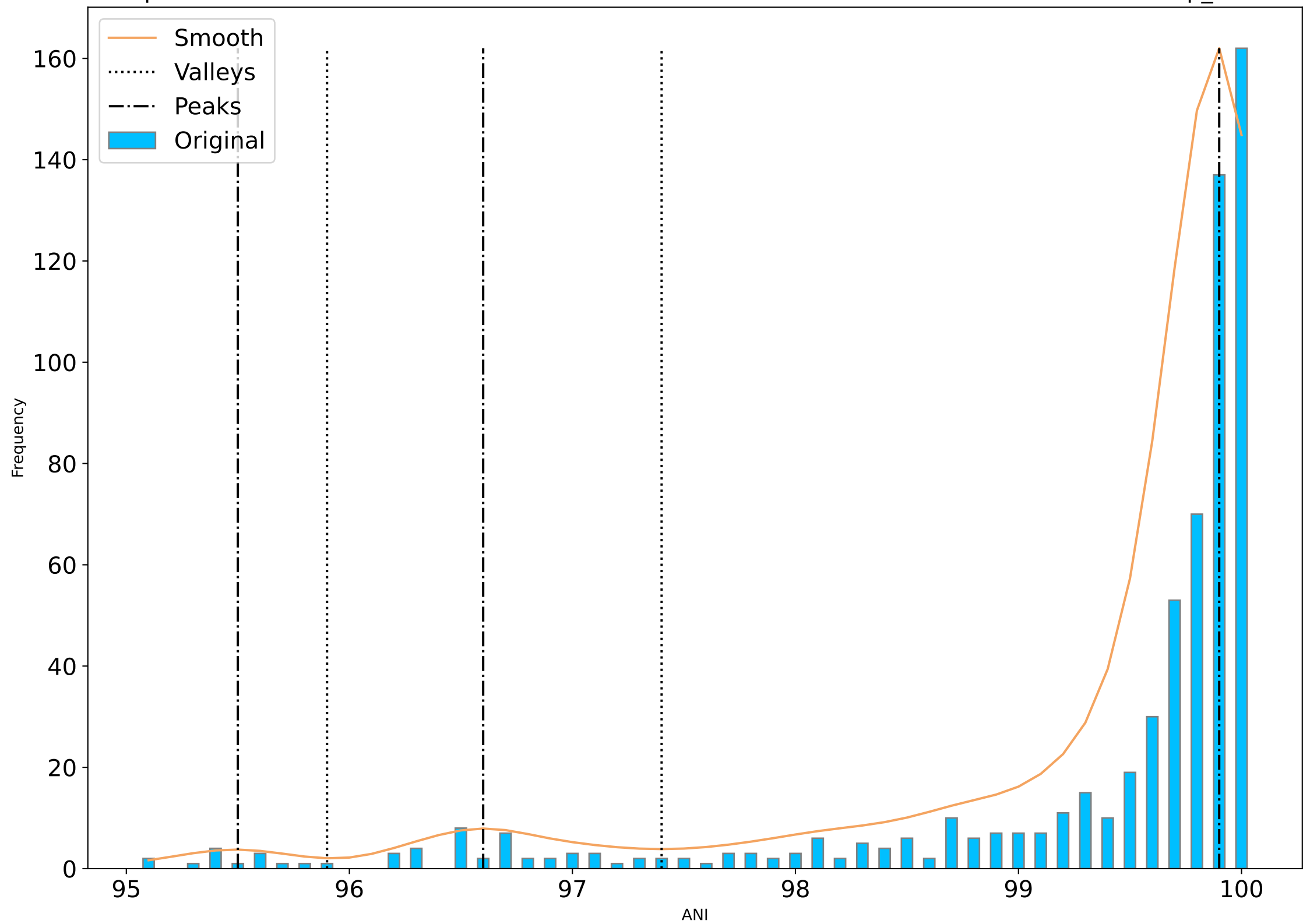
Species_489
Group 3

Norm_test 1.5825149370059647e-71
Dip_test 0.0



Species_490
Group 3

Norm_test 1.244401850734124e-65
Dip_test 0.0

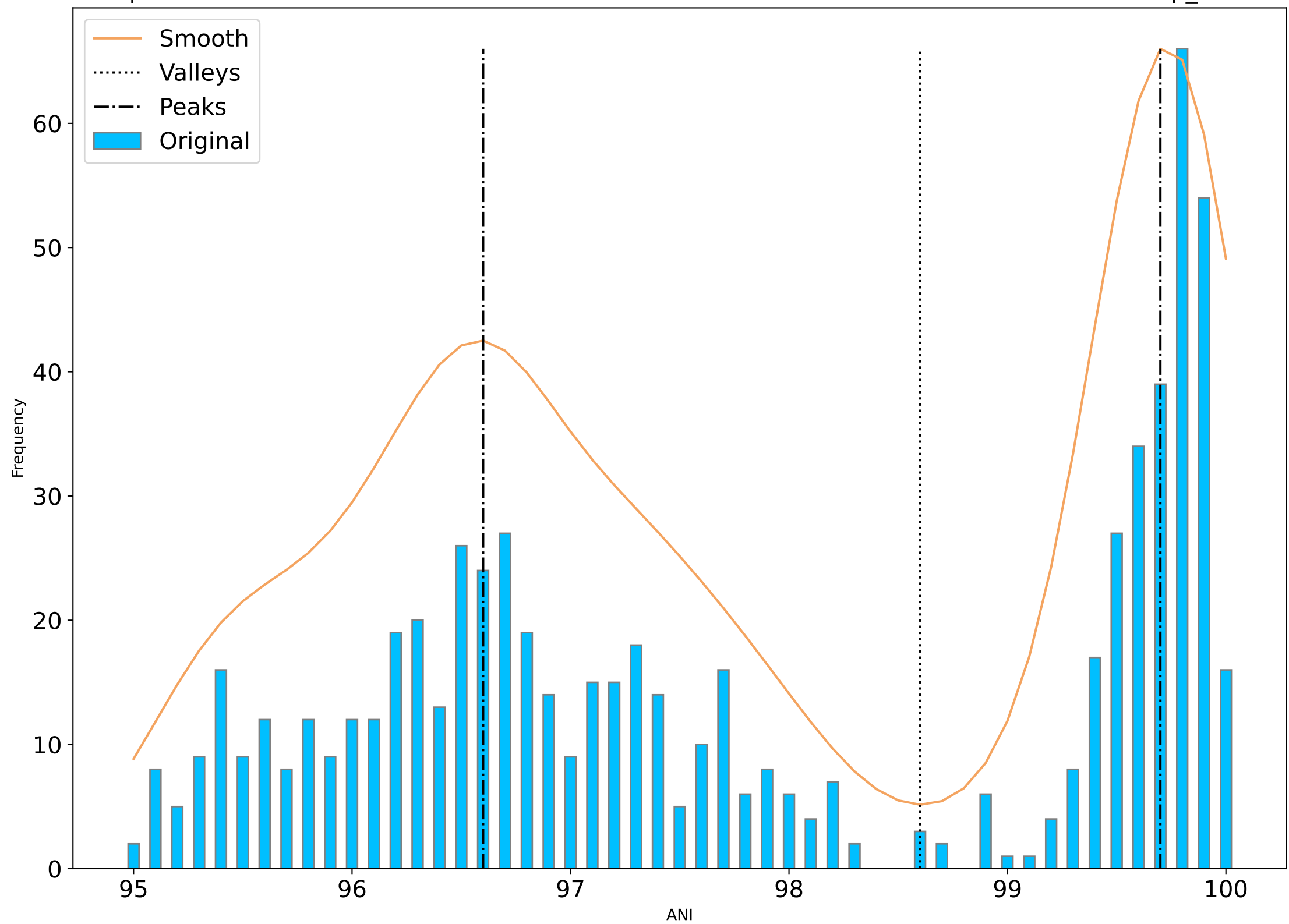


Species_491

Group 3

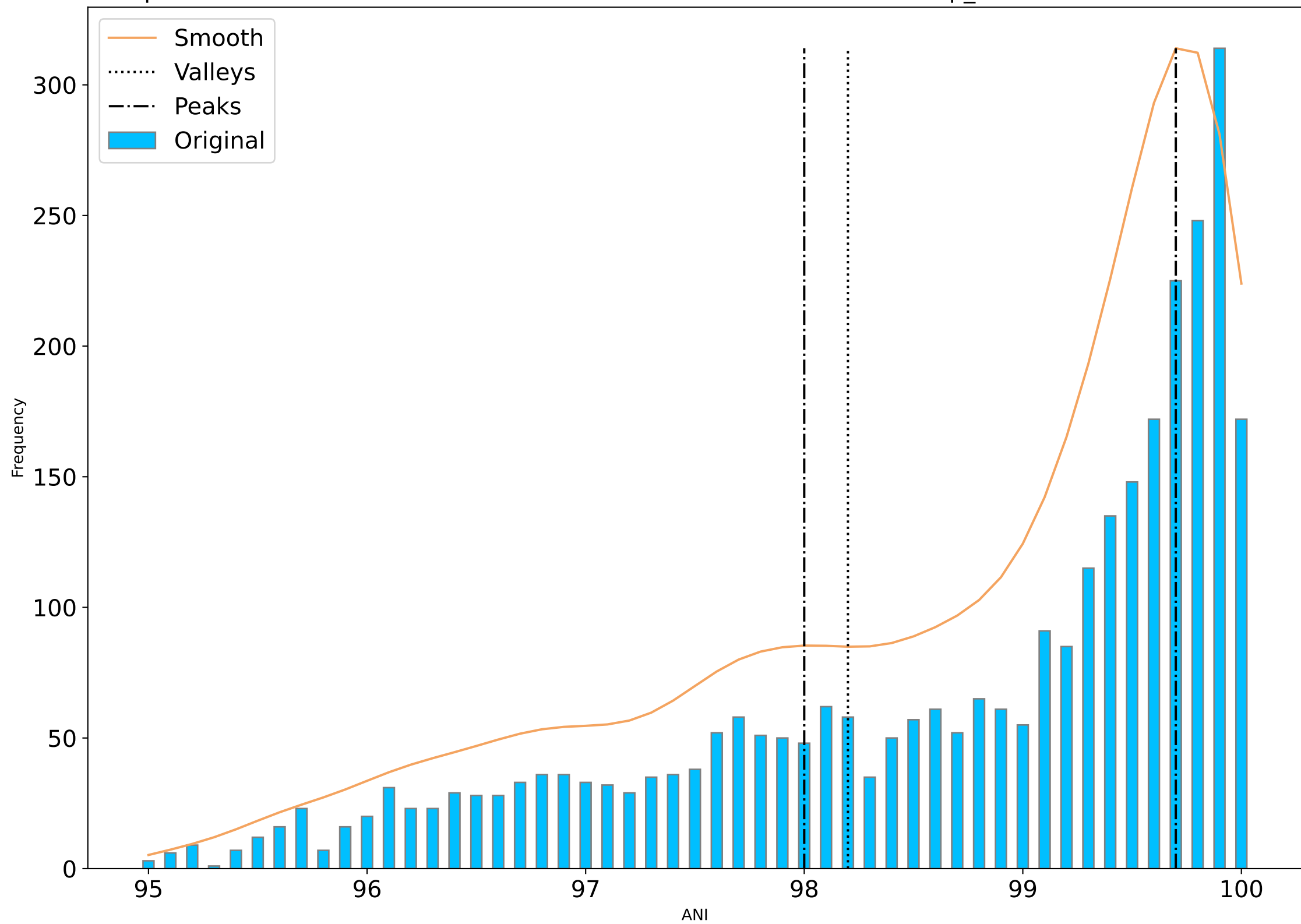
Norm_test 0.0

Dip_test 0.0



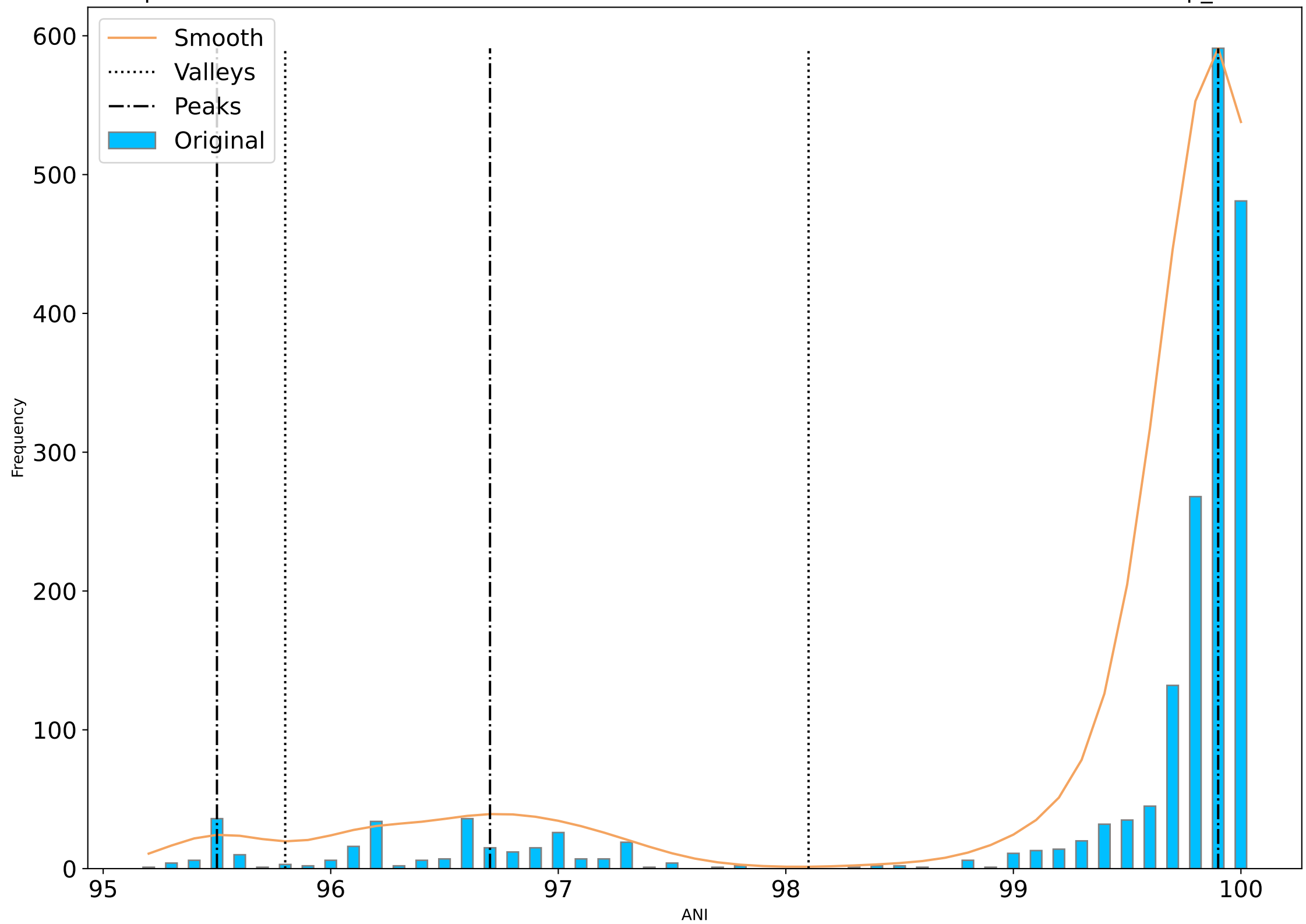
Species_494
Group 3

Norm_test 3.2424443151403594e-79
Dip_test 0.38094789787907024



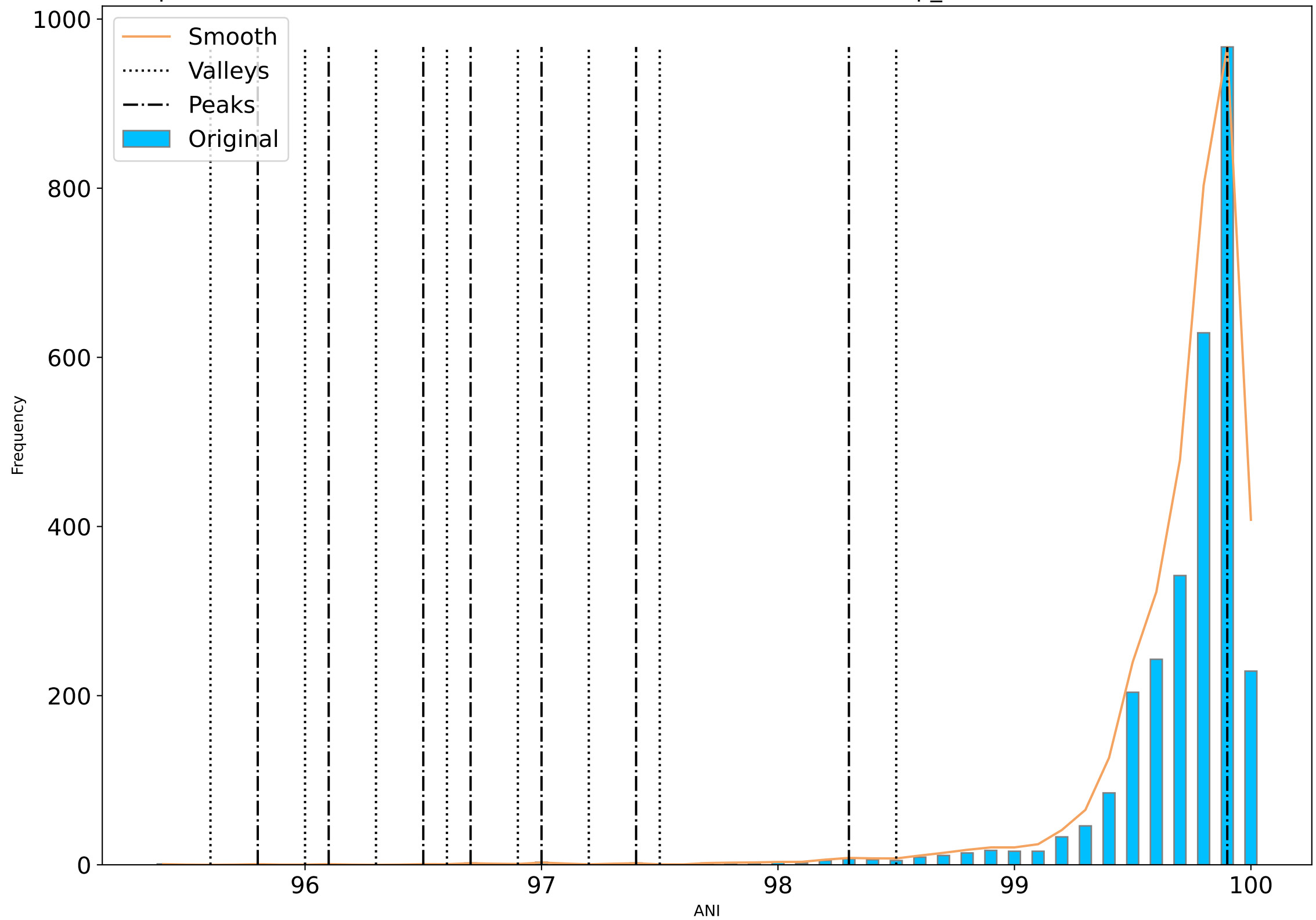
Species_499
Group 3

Norm_test 2.9467378869348906e-160
Dip_test 0.0



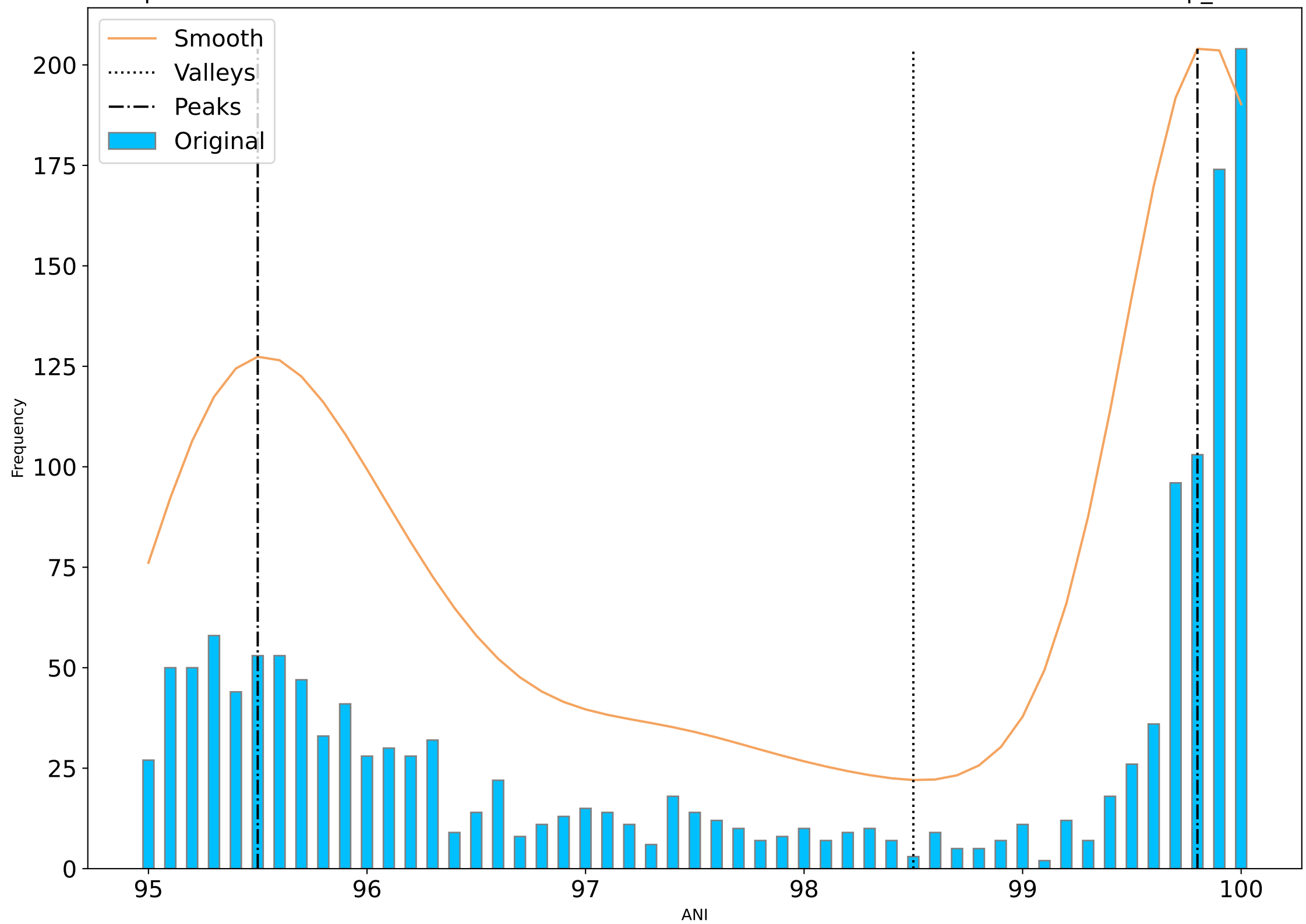
Species_503
Group 2

Norm_test 0.0
Dip_test 0.00012406510666029824



Species_505
Group 3

Norm_test 0.0
Dip_test 0.0

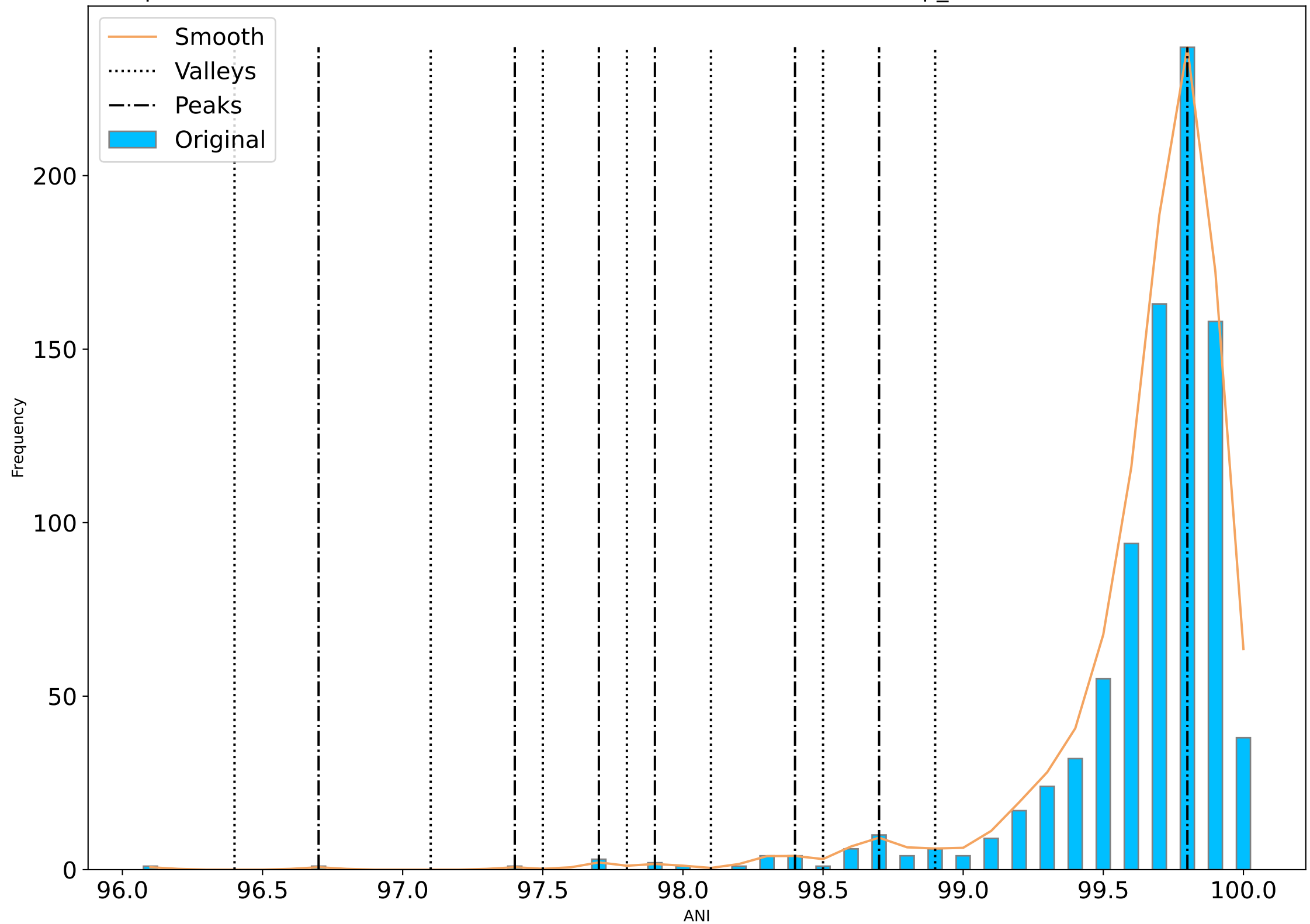


Species_506

Group 2

Norm_test 1.2986189931525185e-156

Dip_test 0.0005185183402992566

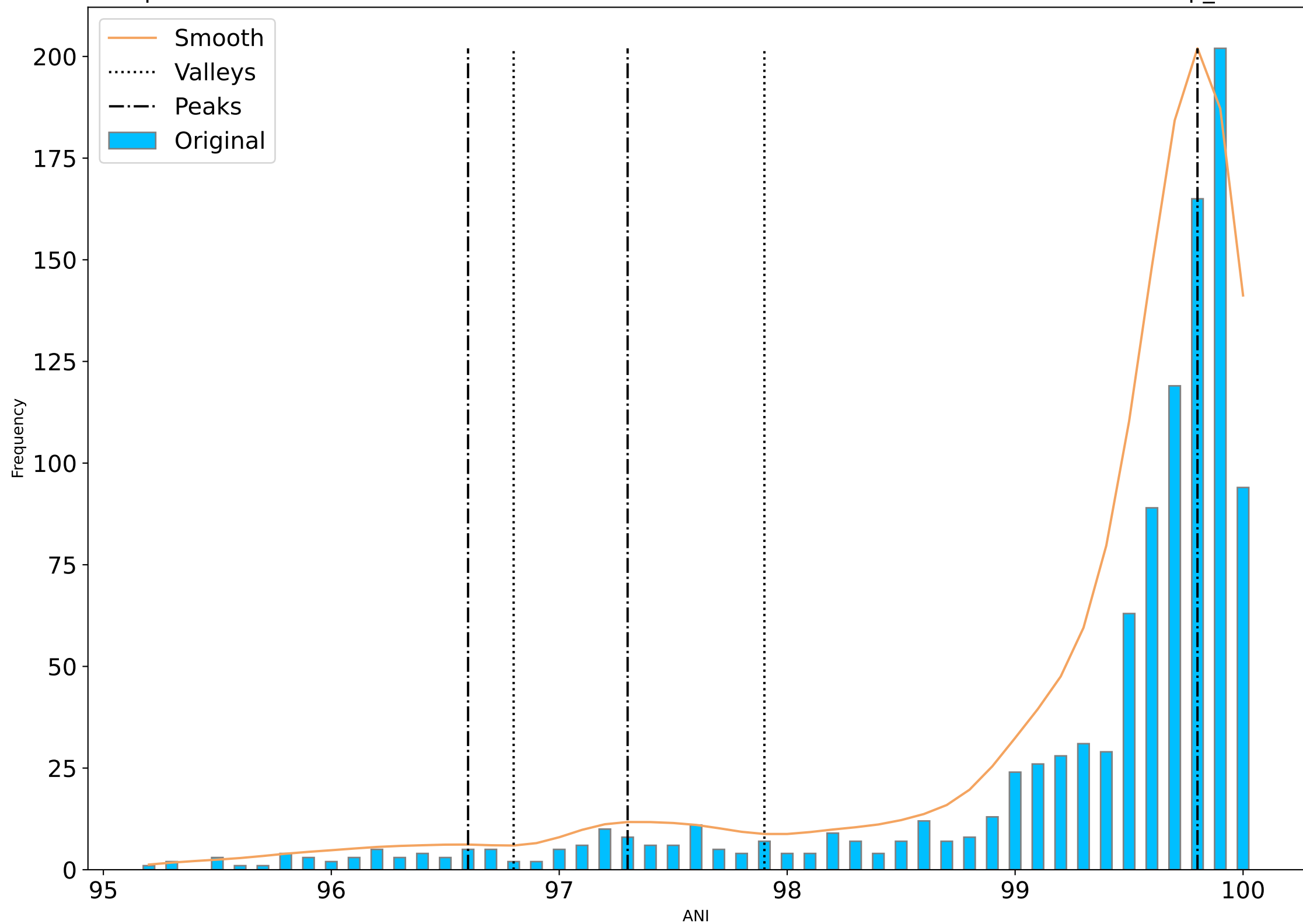


Species_508

Group 3

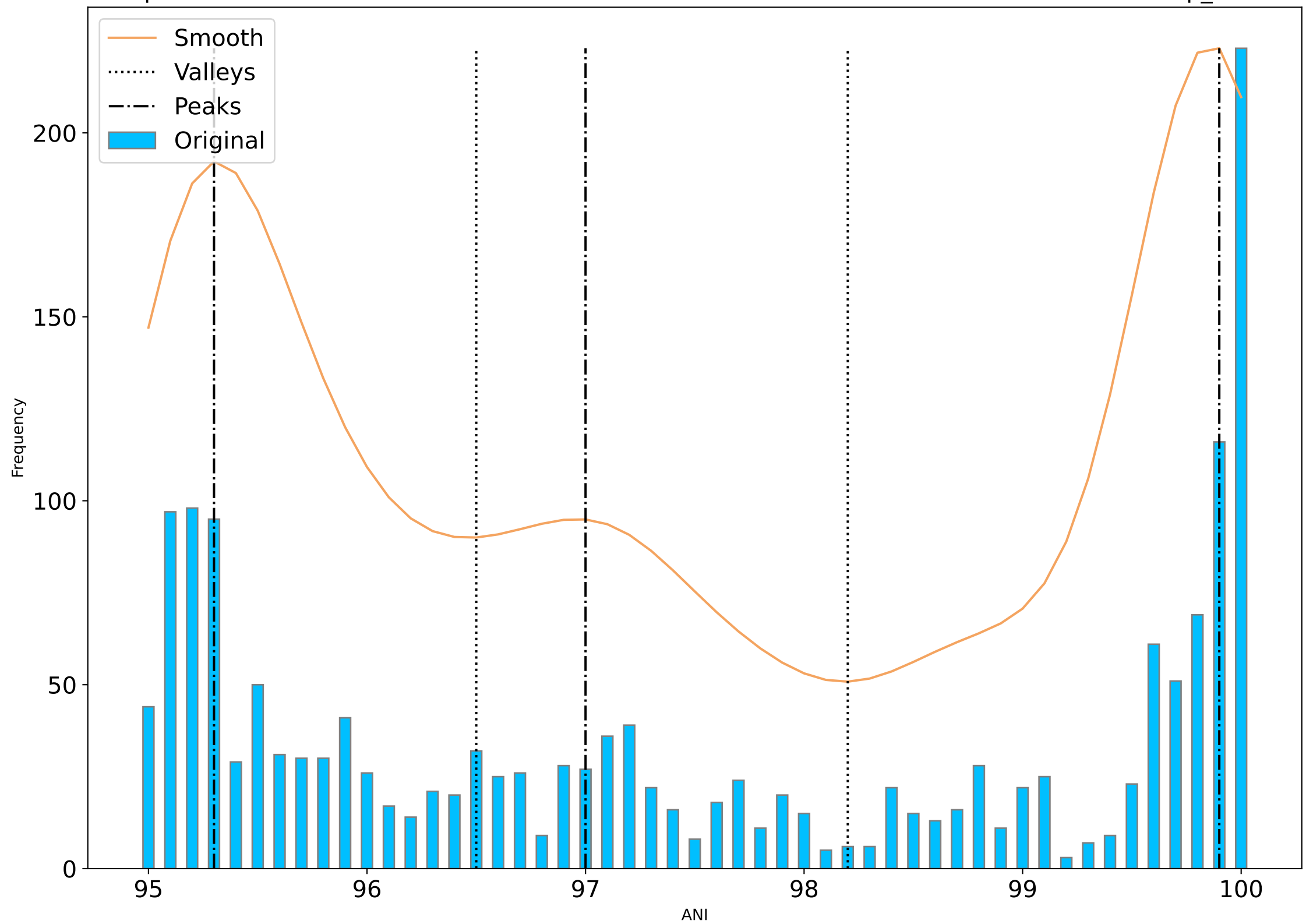
Norm_test 1.4633085306804364e-99

Dip_test 0.0



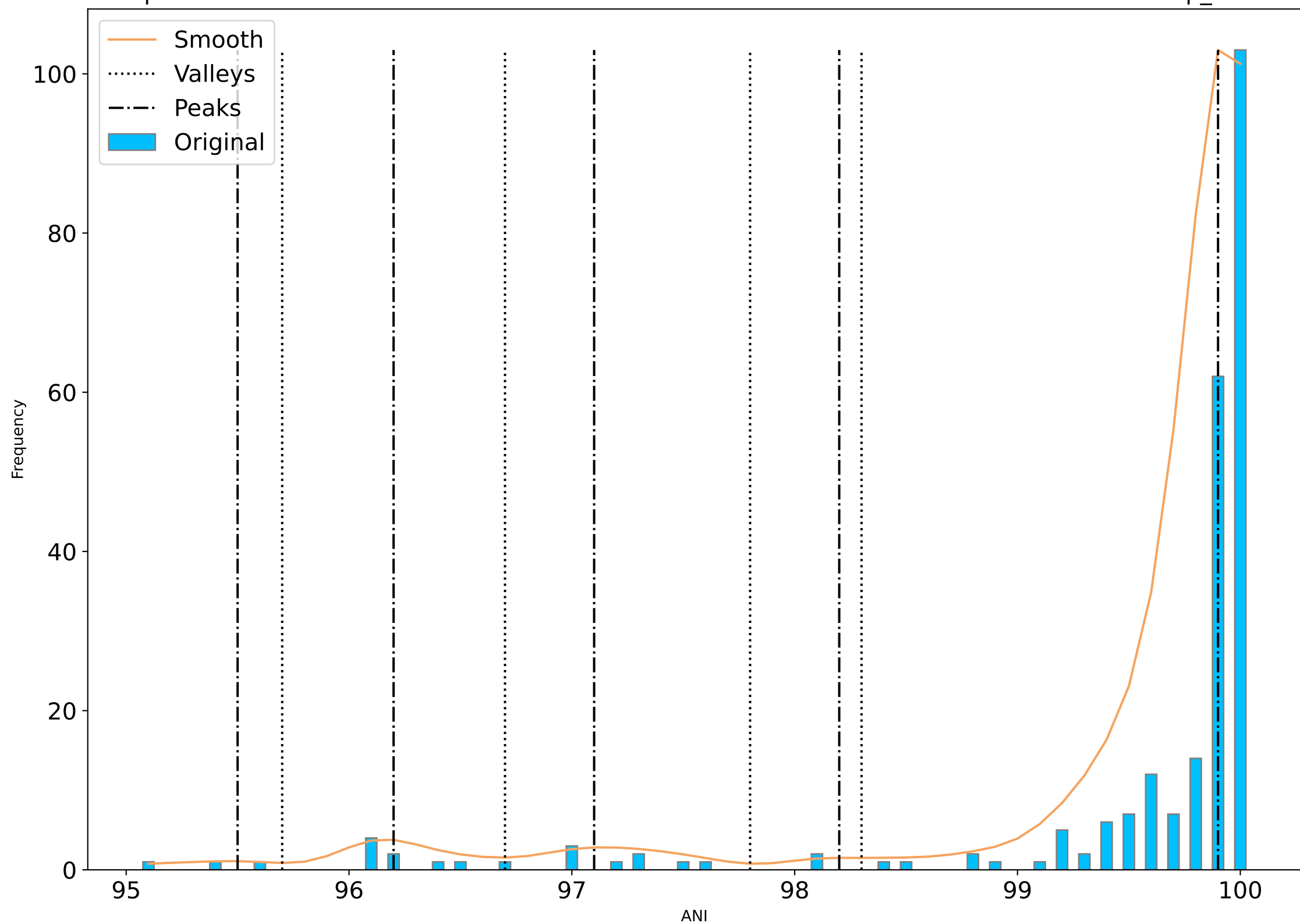
Species_510
Group 3

Norm_test 0.0
Dip_test 0.0



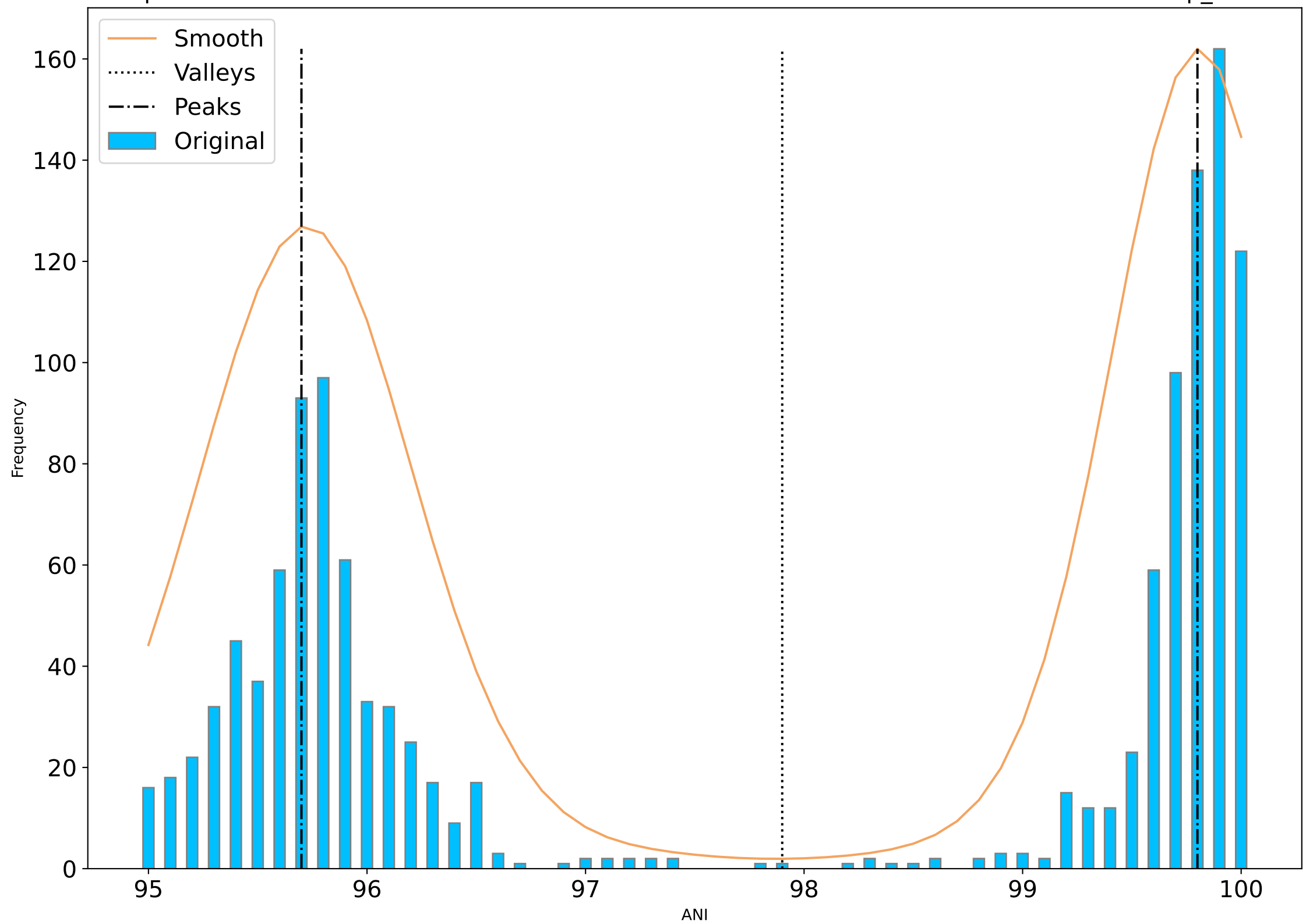
Species_511
Group 2

Norm_test 2.3709697393720982e-36
Dip_test 0.0



Species_516
Group 3

Norm_test 0.0
Dip_test 0.0

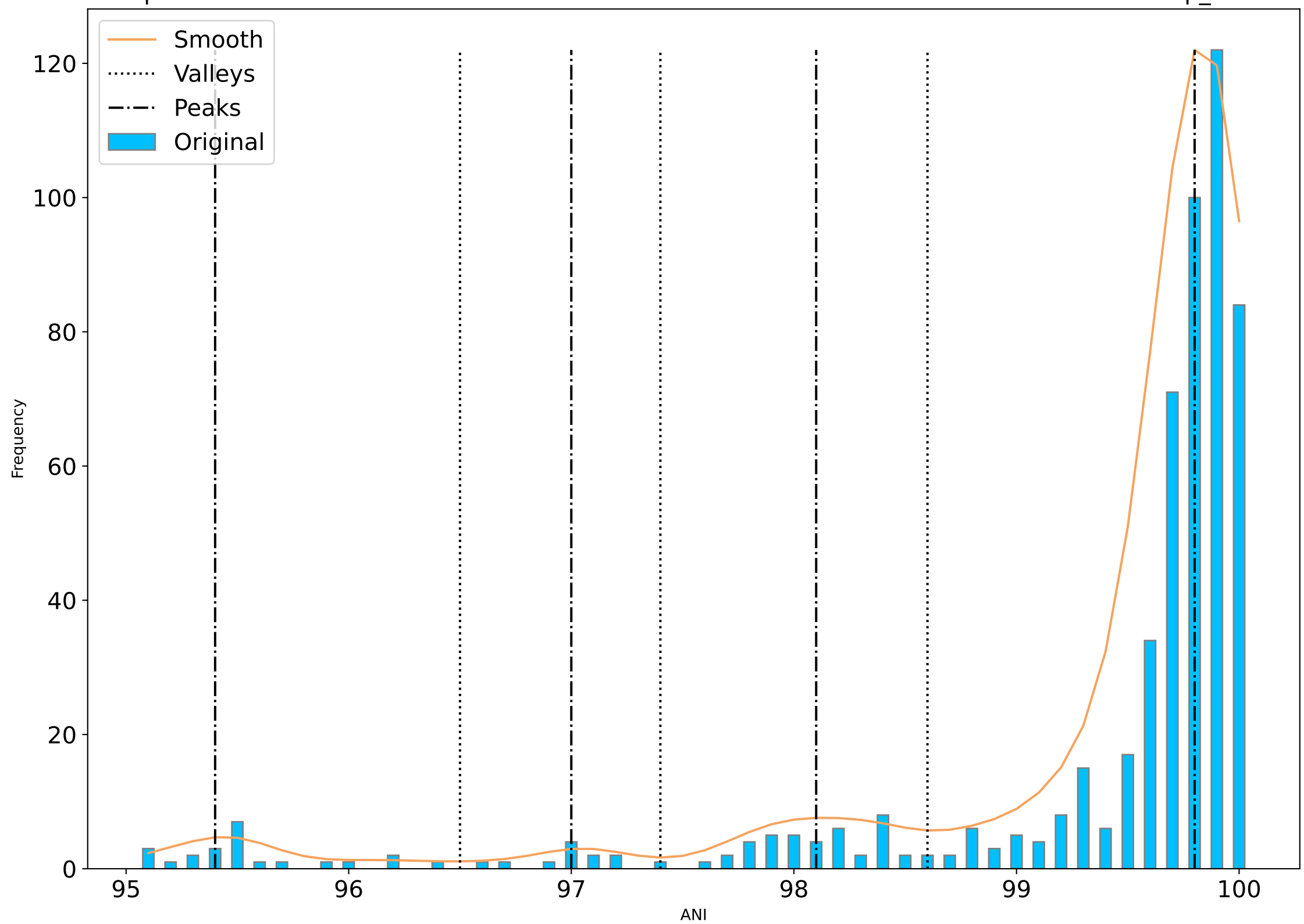


Species_520

Group 3

Norm_test 2.9525027343331267e-70

Dip_test 0.0

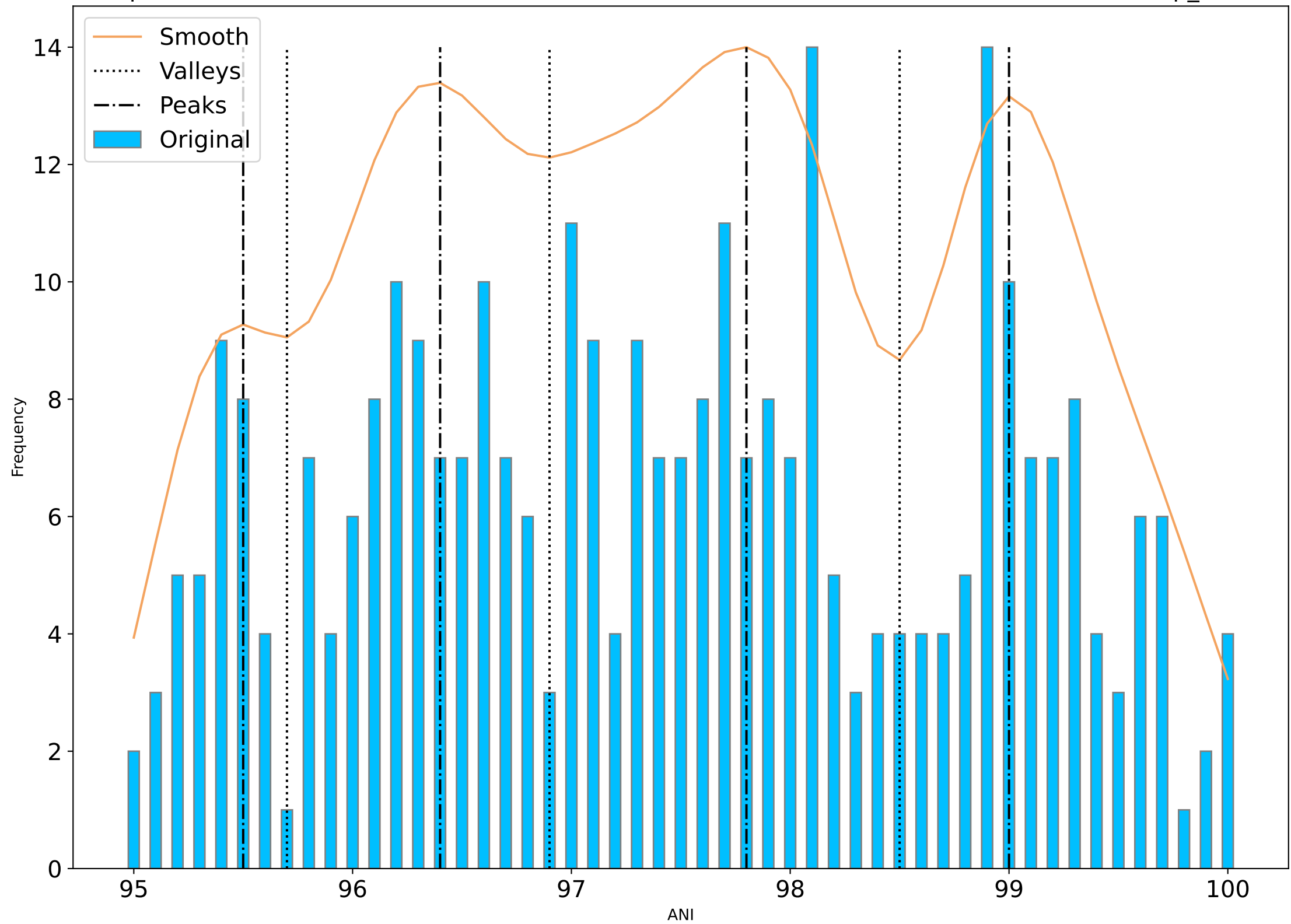


Species_527

Group 4

Norm_test 1.1546430396487745e-19

Dip_test 0.0

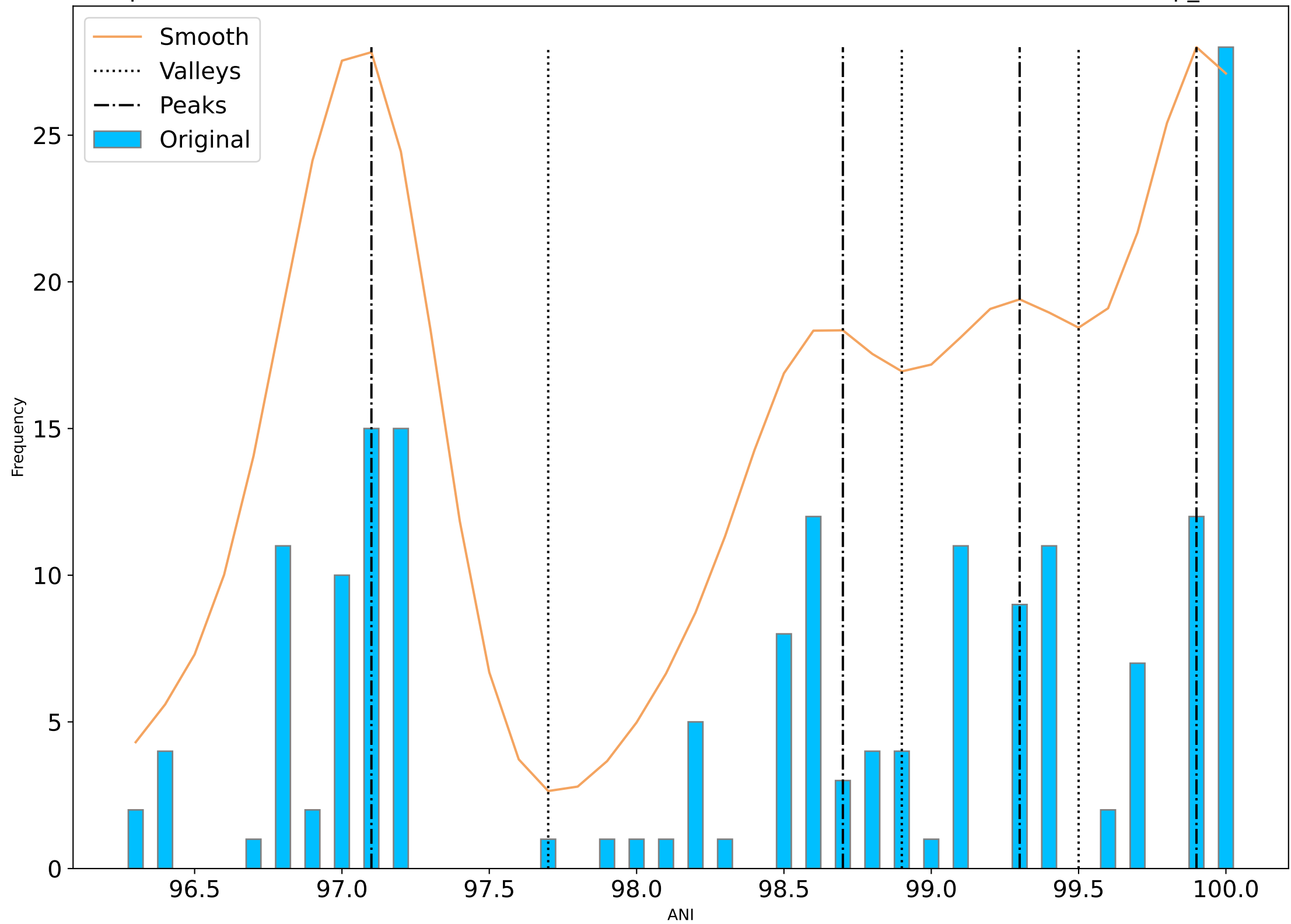


Species_528

Group 1

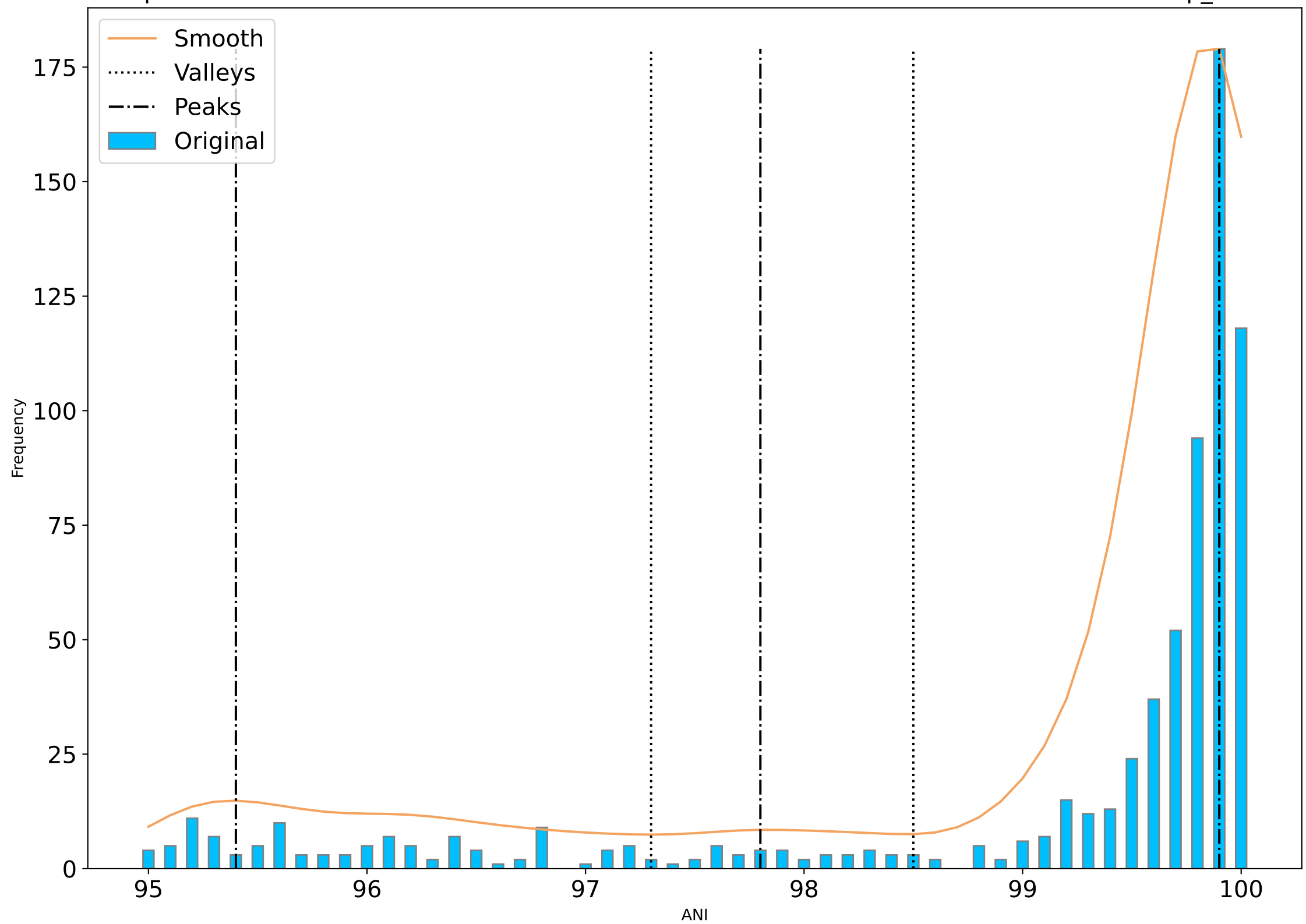
Norm_test 1.2021128296483587e-101

Dip_test 0.0



Species_529
Group 3

Norm_test 1.6967376900308163e-46
Dip_test 0.0

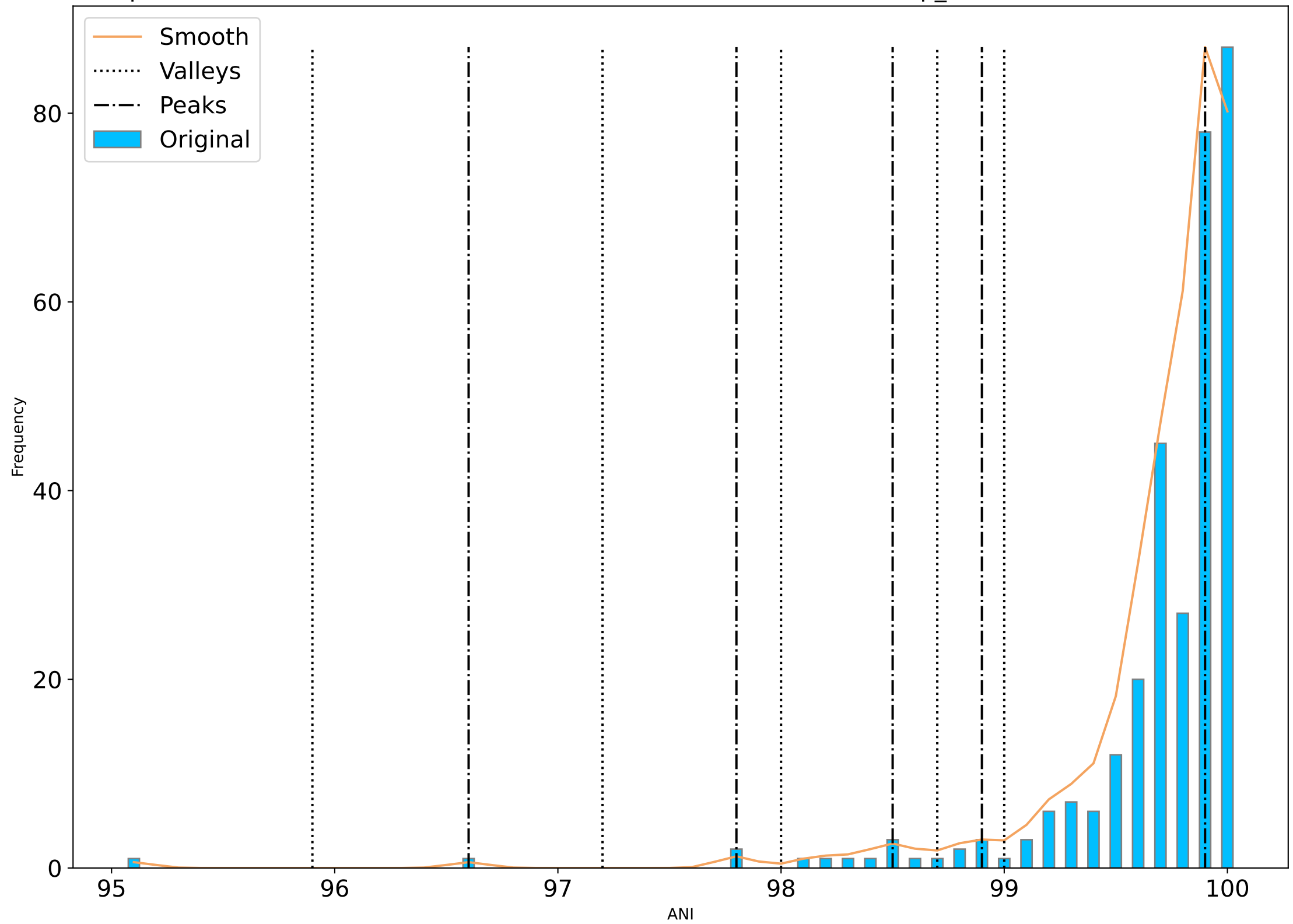


Species_537

Group 2

Norm_test 1.4370472333857105e-74

Dip_test 0.000770593683709464

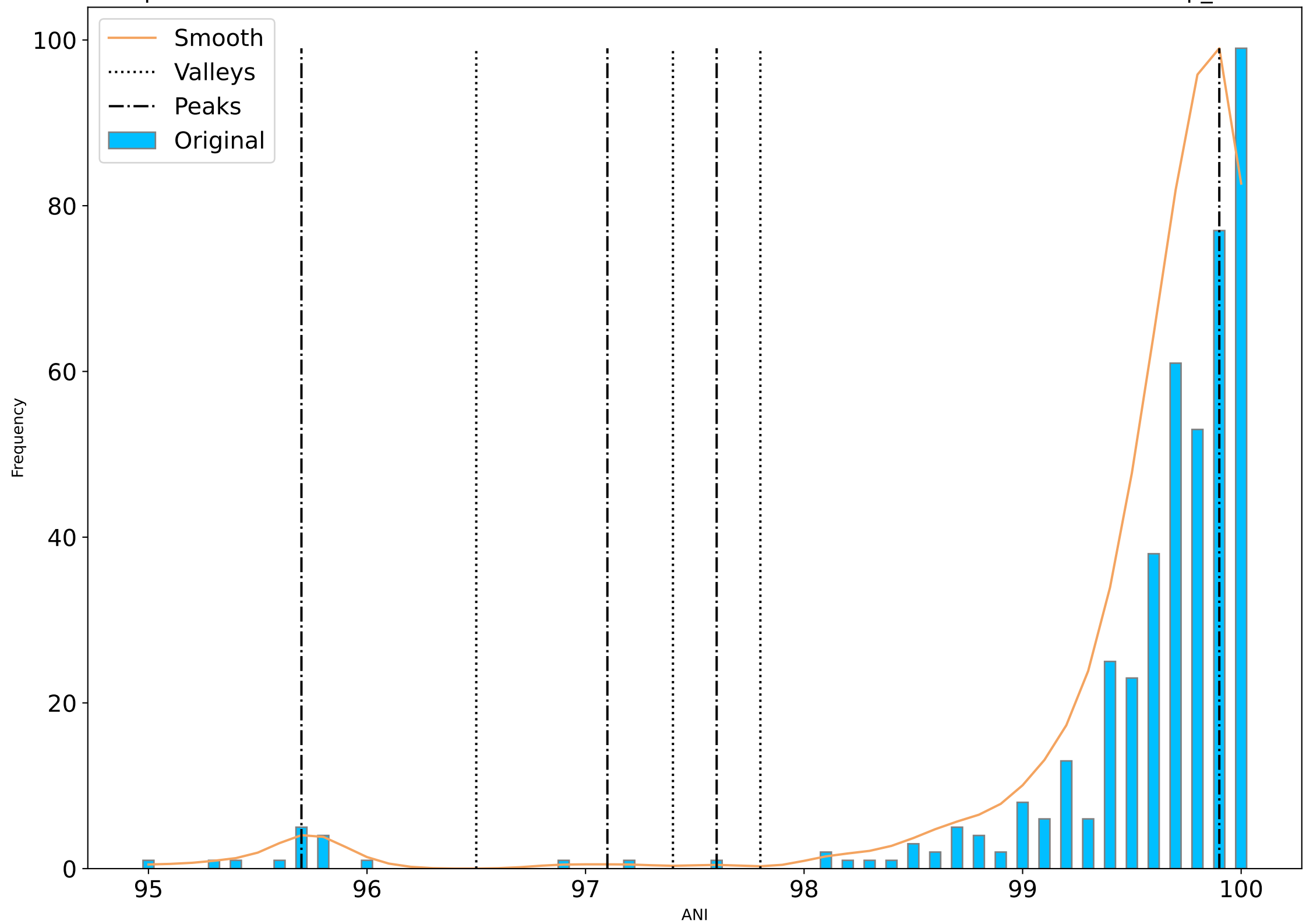


Species_540

Group 2

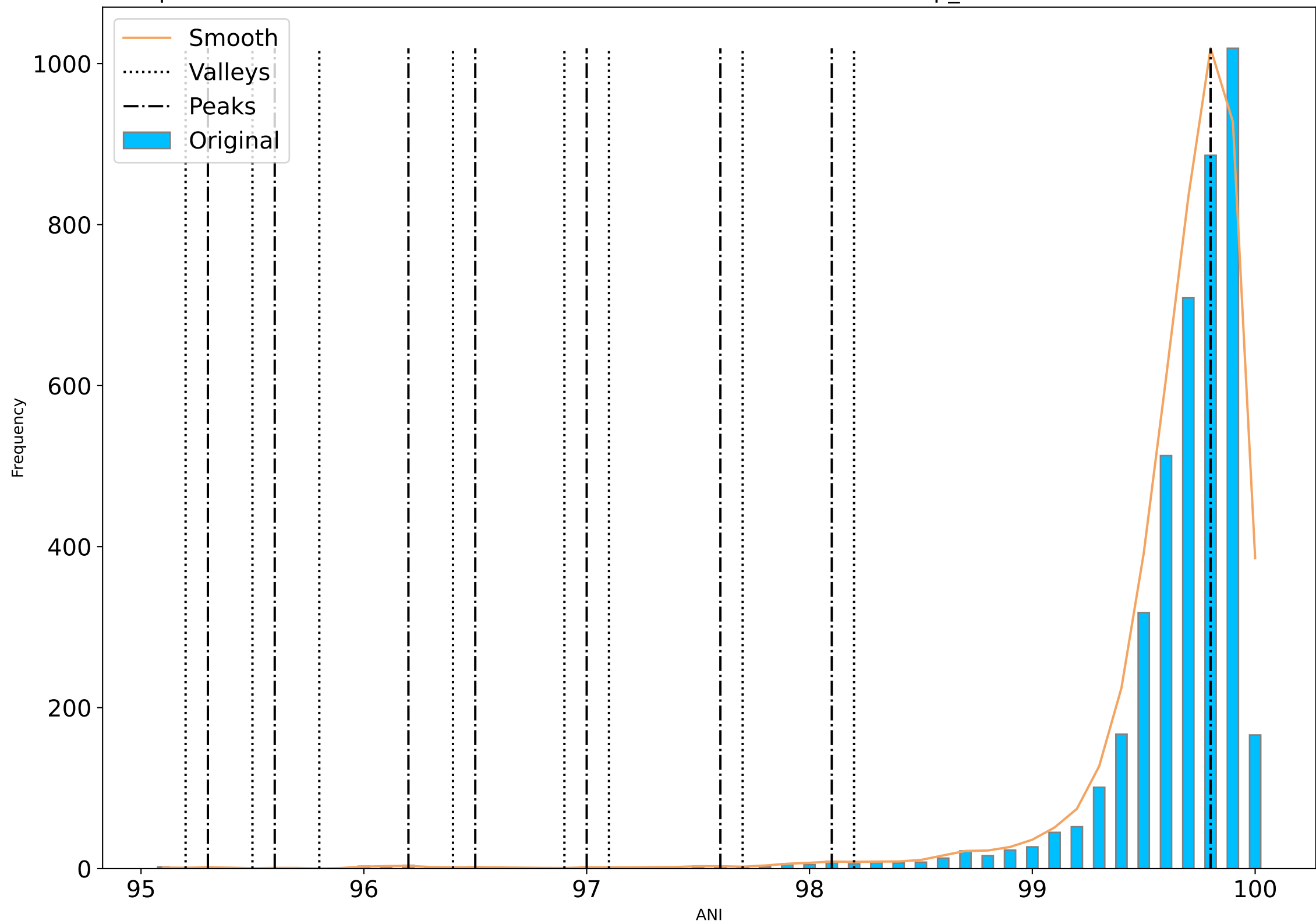
Norm_test 2.2602747897012576e-82

Dip_test 0.0



Species_543
Group 2

Norm_test 0.0
Dip_test 0.0013516162737089443

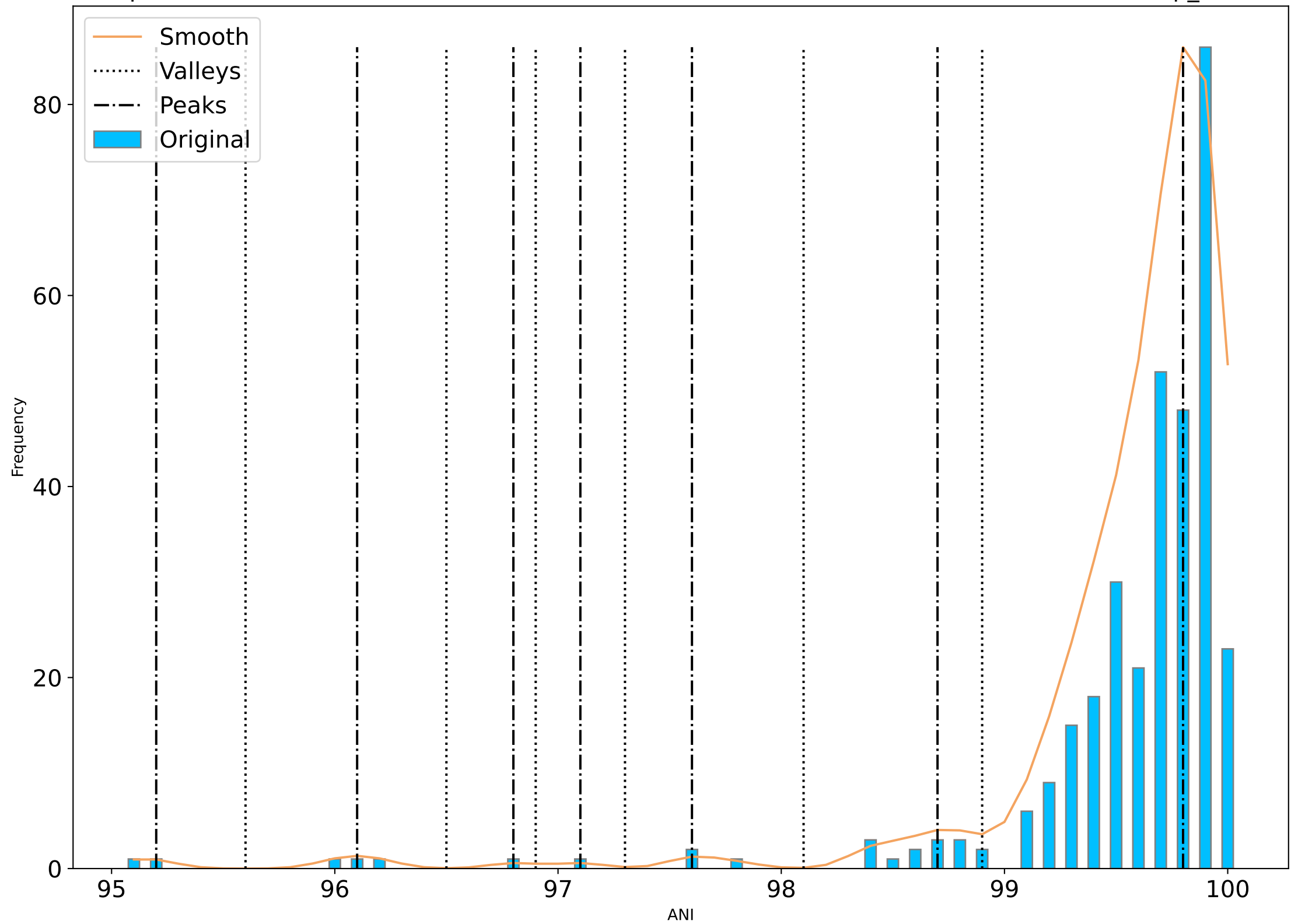


Species_545

Group 2

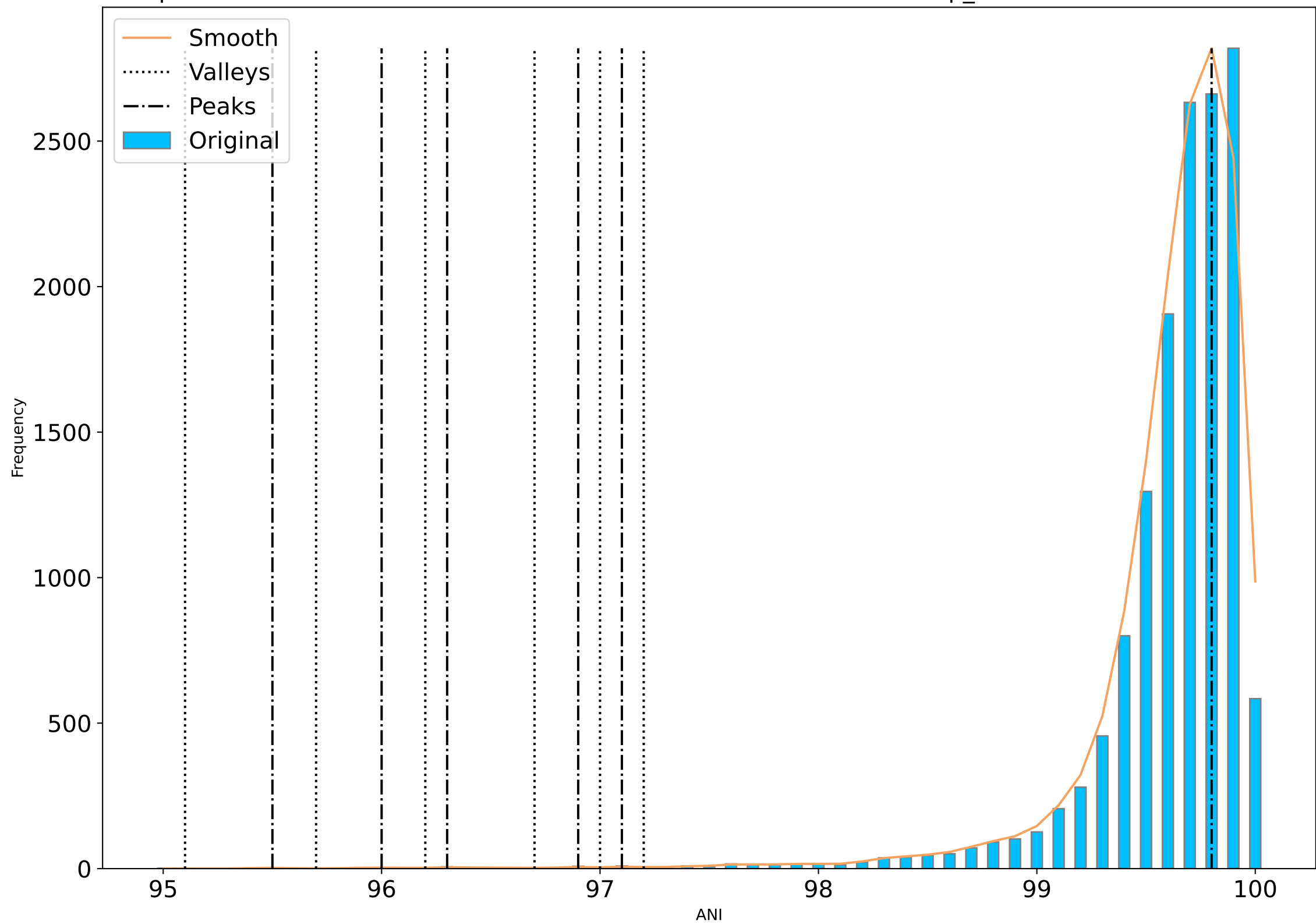
Norm_test 1.1354515907008773e-71

Dip_test 0.0



Species_546
Group 2

Norm_test 0.0
Dip_test 0.003937572341226381

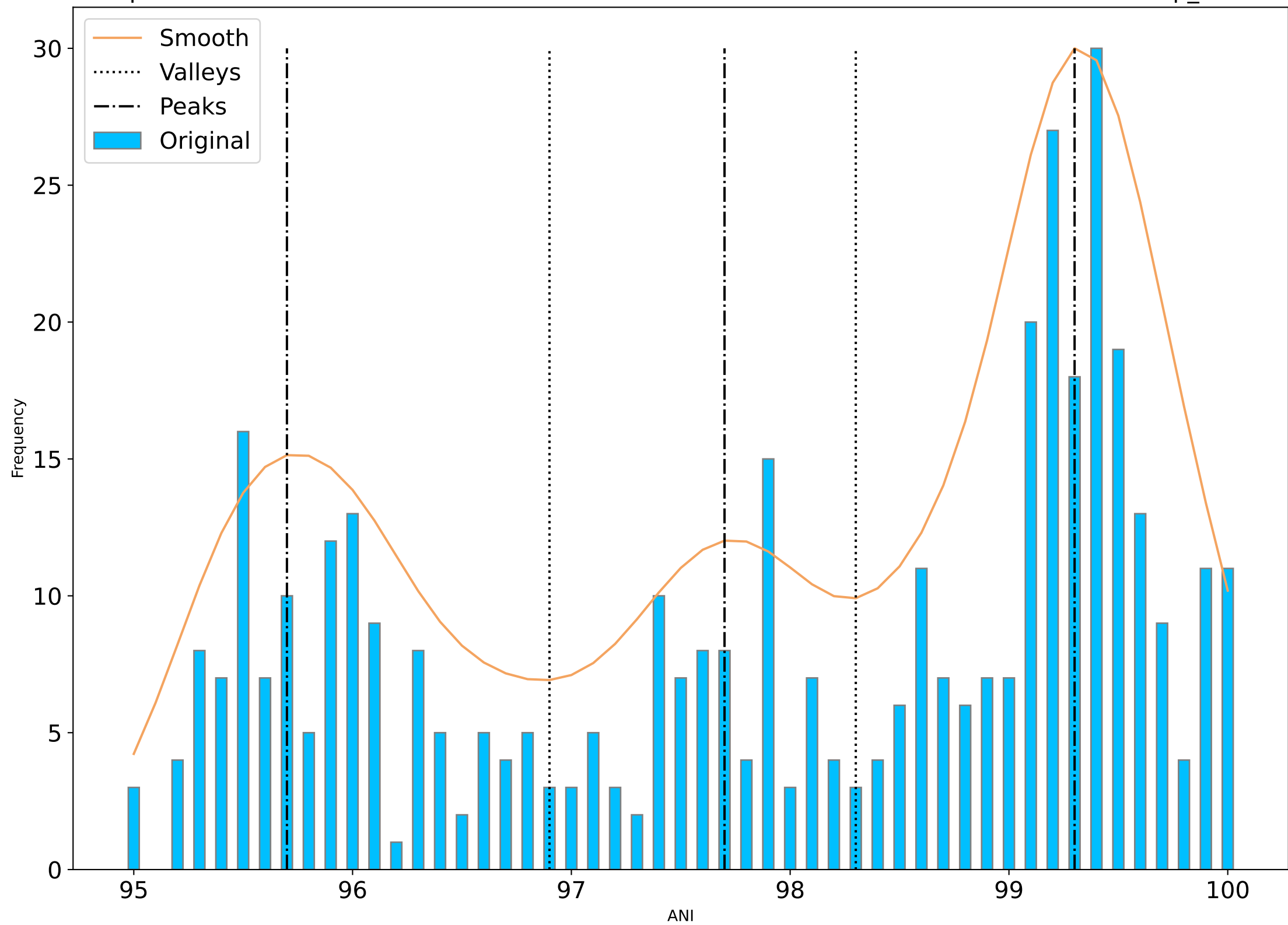


Species_547

Group 4

Norm_test 1.6472138306413053e-117

Dip_test 0.0

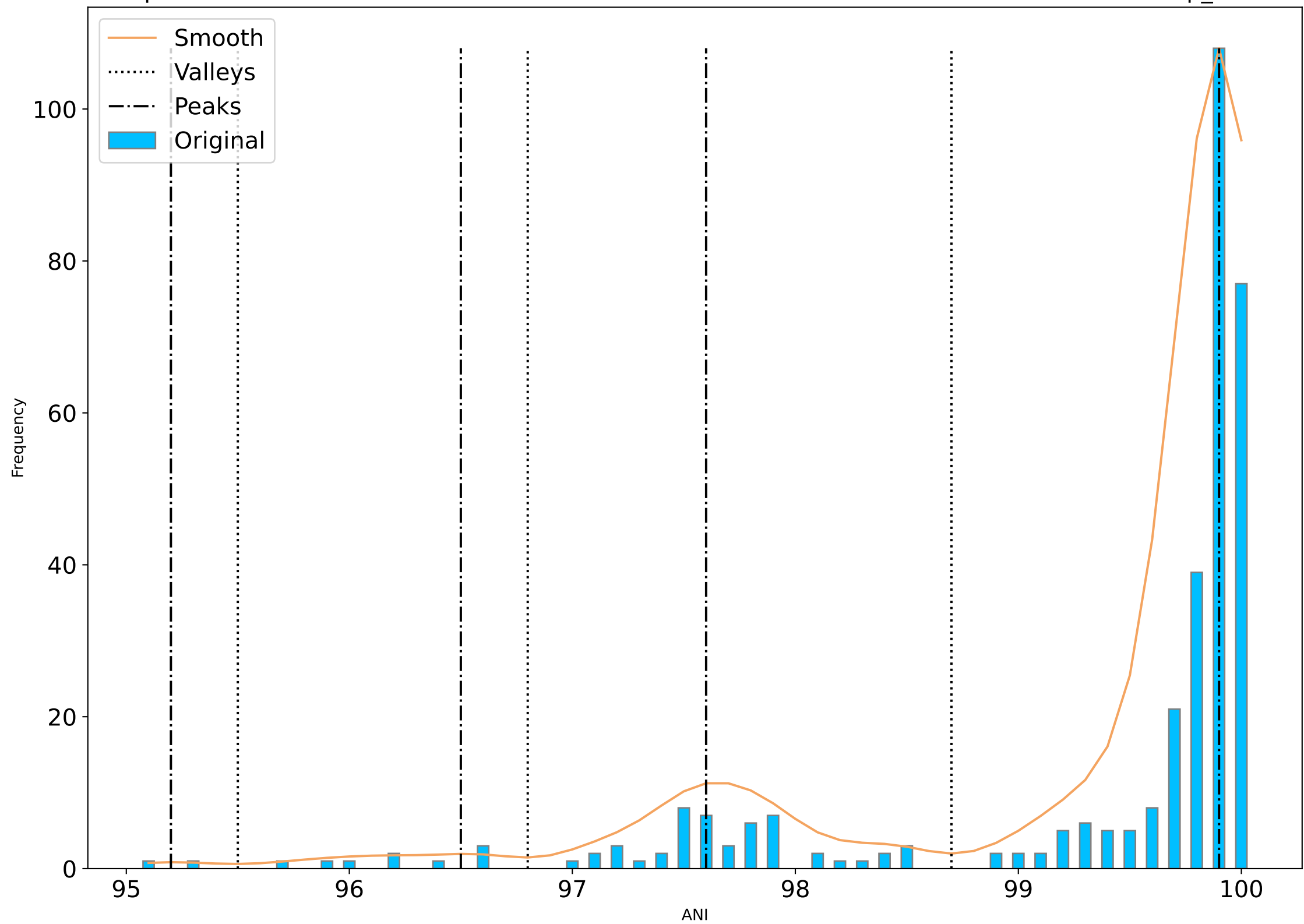


Species_548

Group 3

Norm_test 1.3653475482128858e-31

Dip_test 0.0

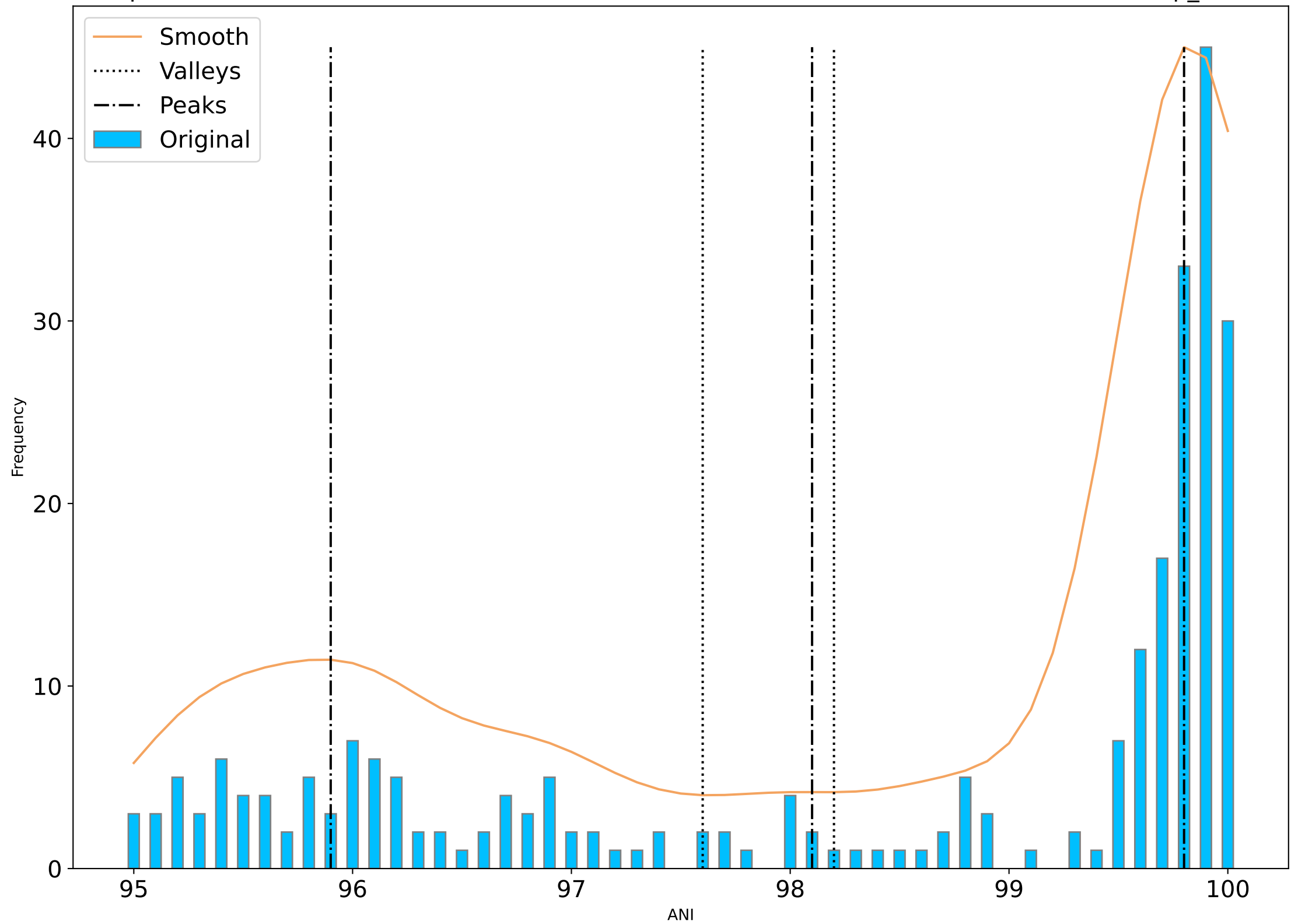


Species_549

Group 3

Norm_test 3.145711552263658e-32

Dip_test 0.0

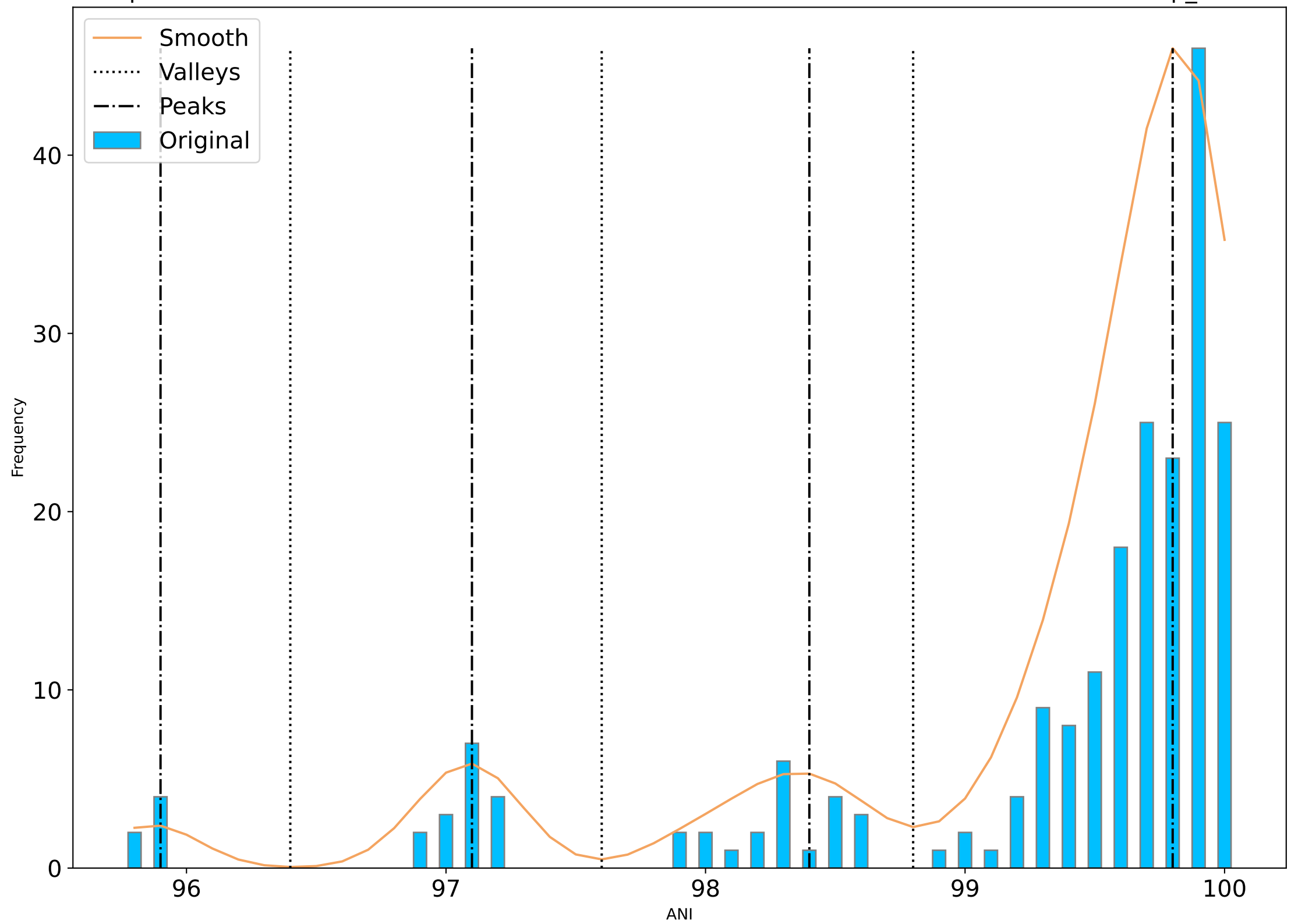


Species_550

Group 1

Norm_test 7.928784474254935e-20

Dip_test 0.0

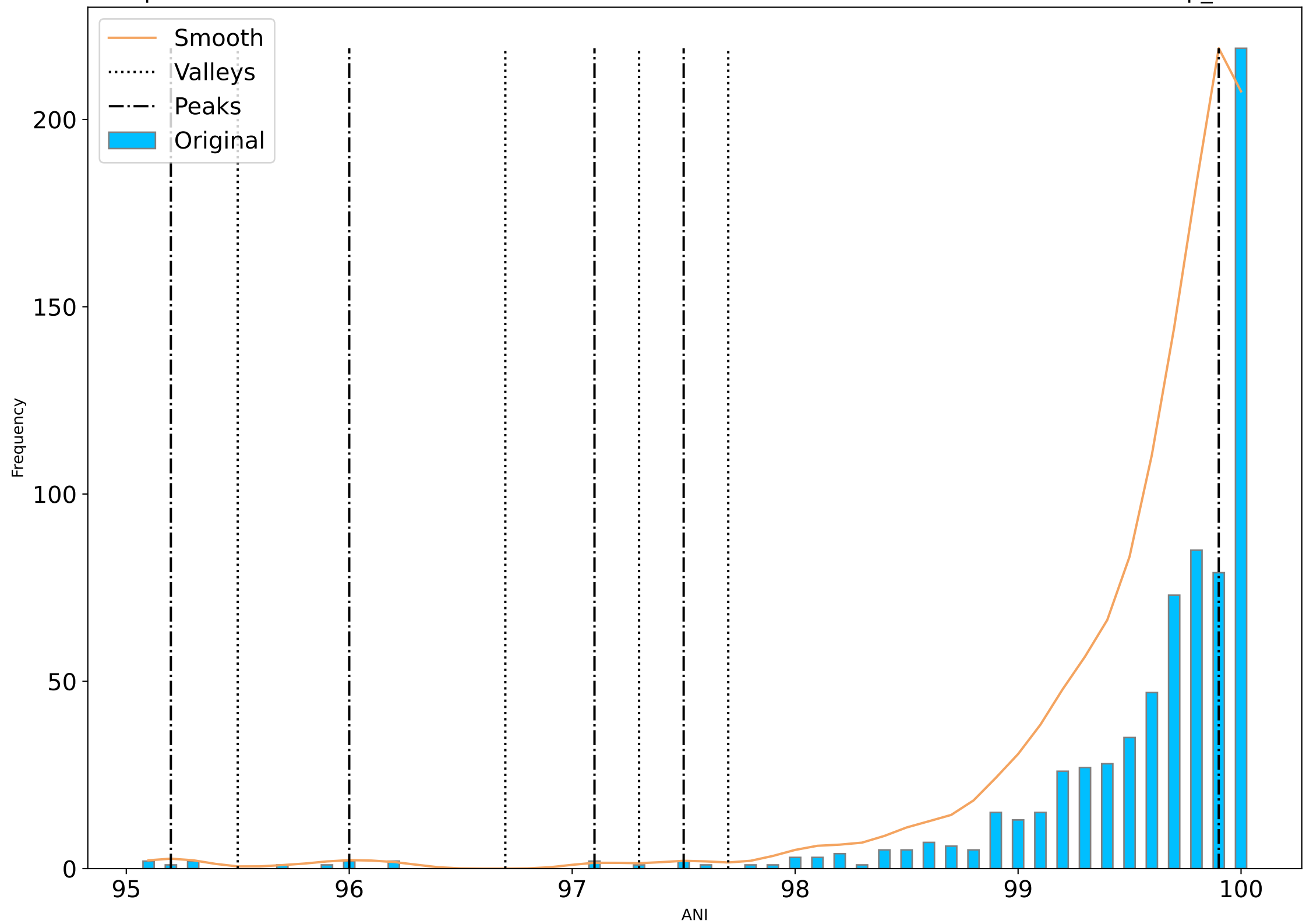


Species_553

Group 2

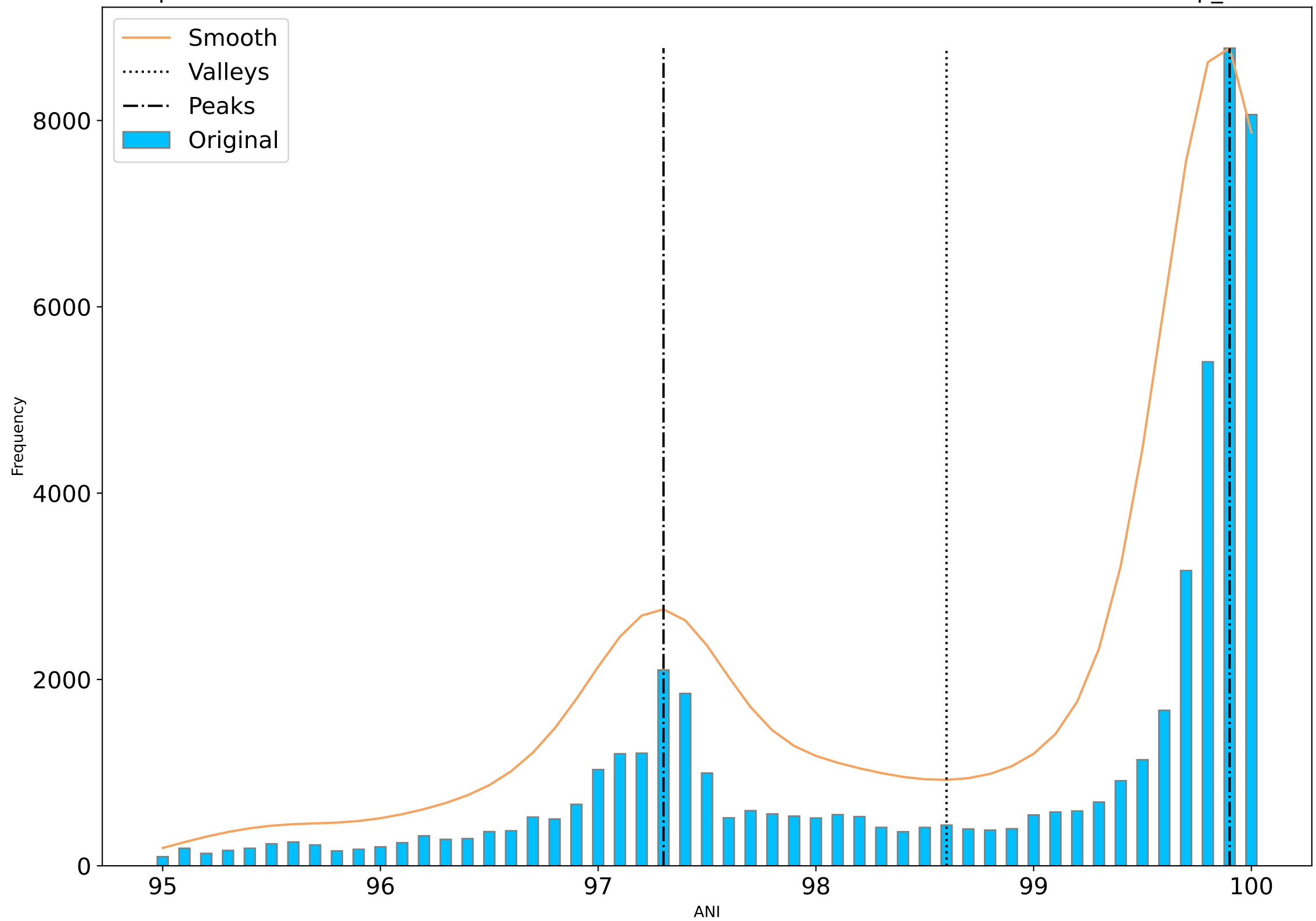
Norm_test 1.2206035043257076e-127

Dip_test 0.0



Species_554
Group 3

Norm_test 0.0
Dip_test 0.0

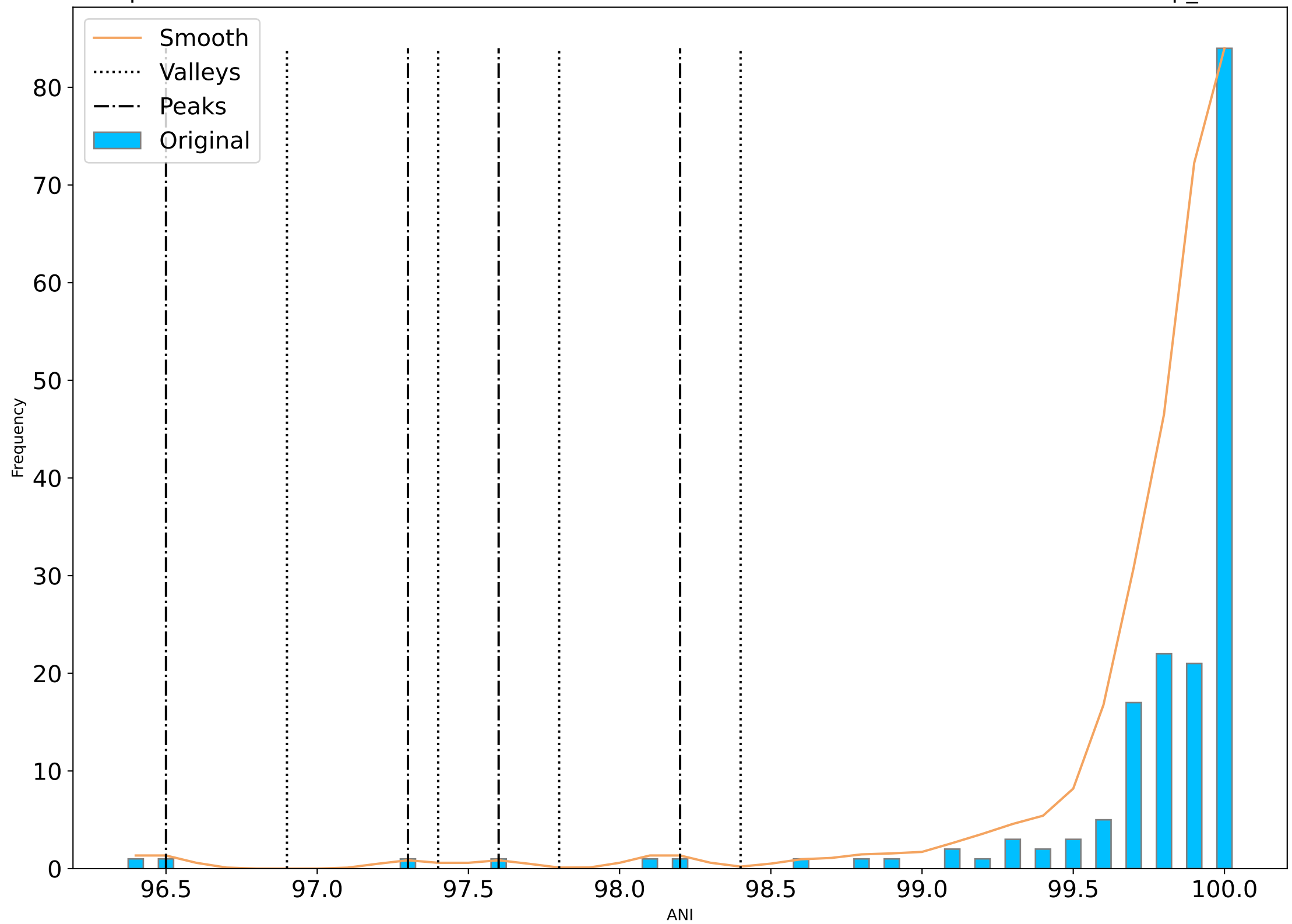


Species_556

Group 2

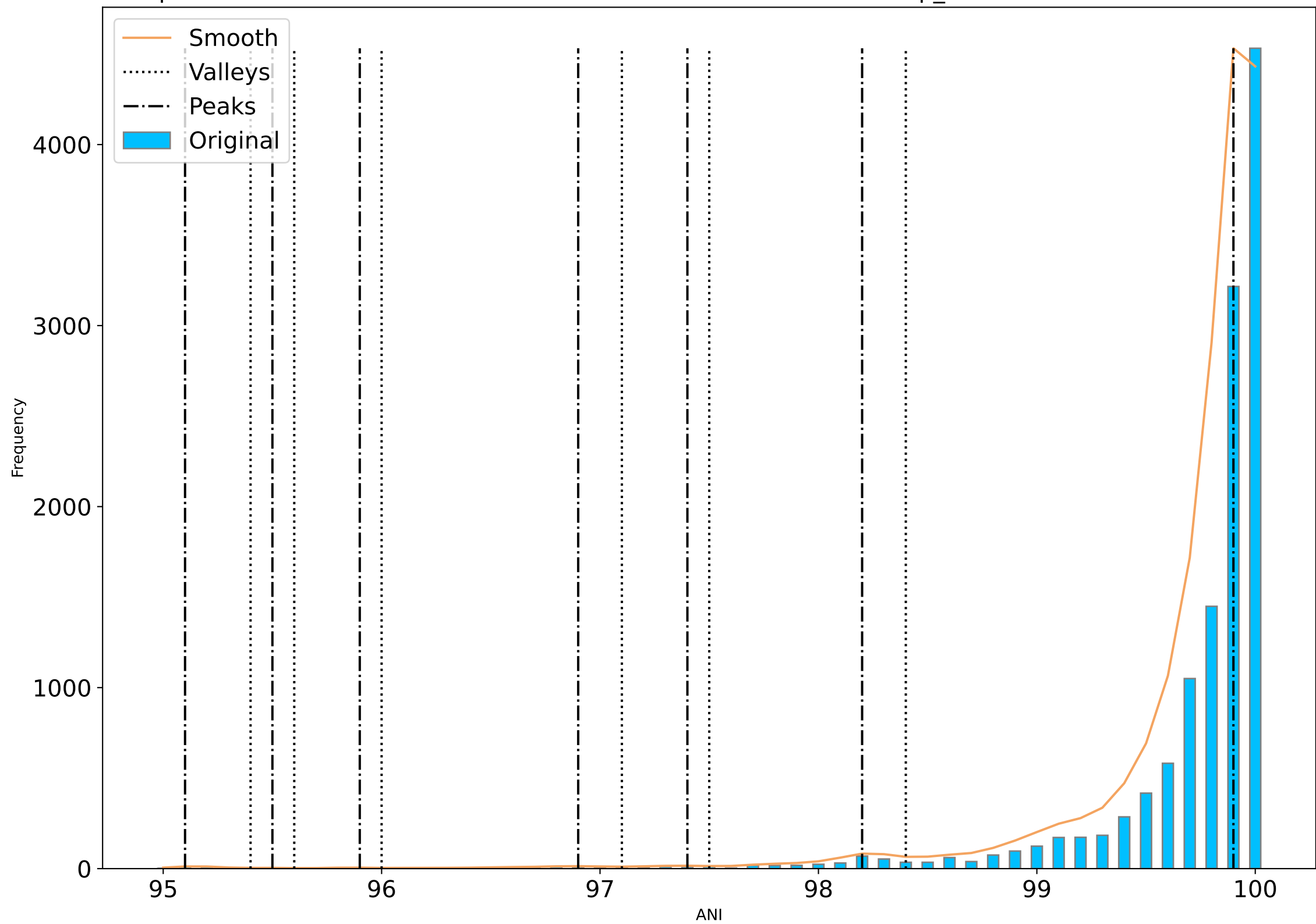
Norm_test 9.658116003060415e-40

Dip_test 0.0



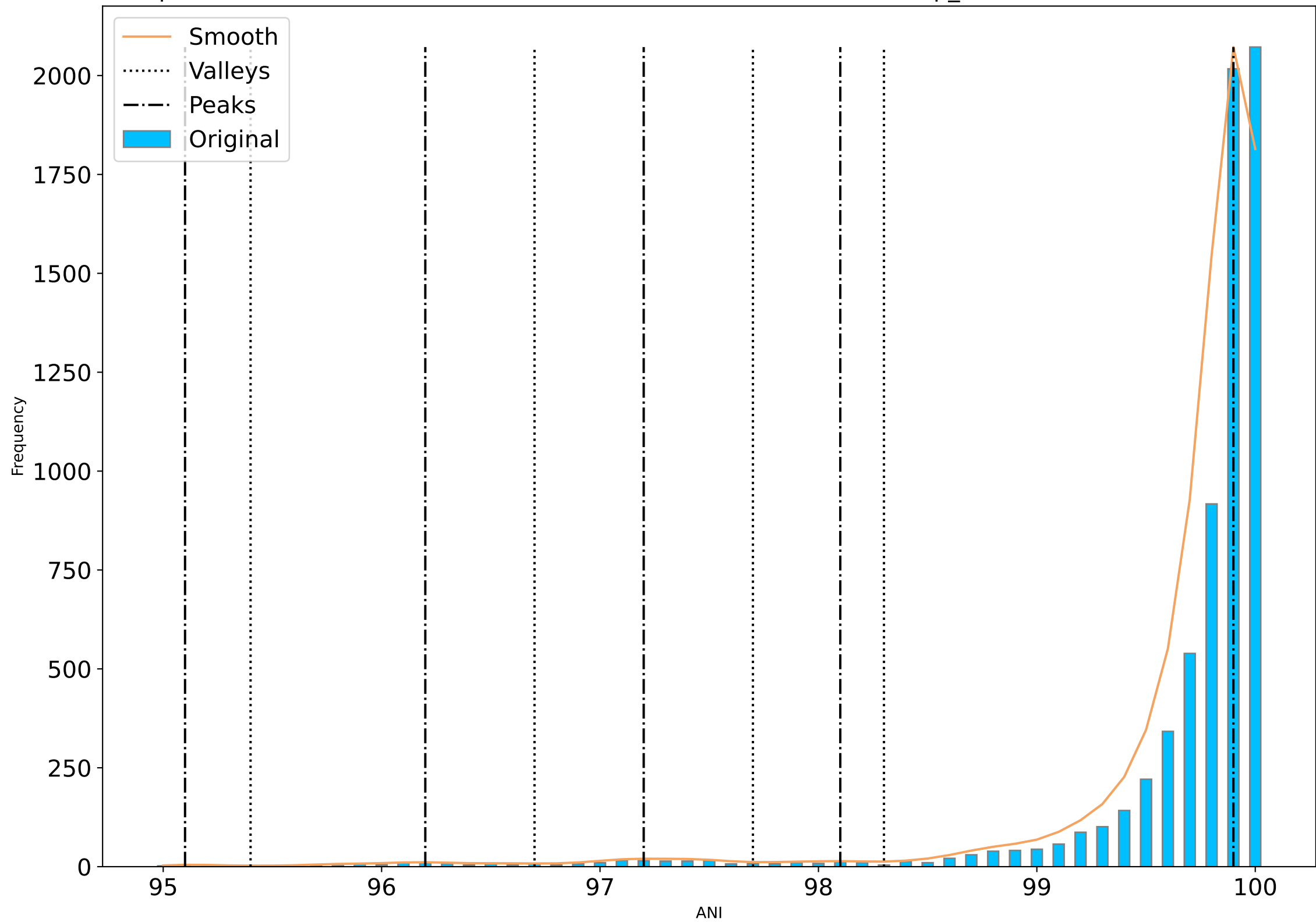
Species_561
Group 2

Norm_test 0.0
Dip_test 0.00024244719061250475



Species_562
Group 2

Norm_test 0.0
Dip_test 0.0005642335589228775

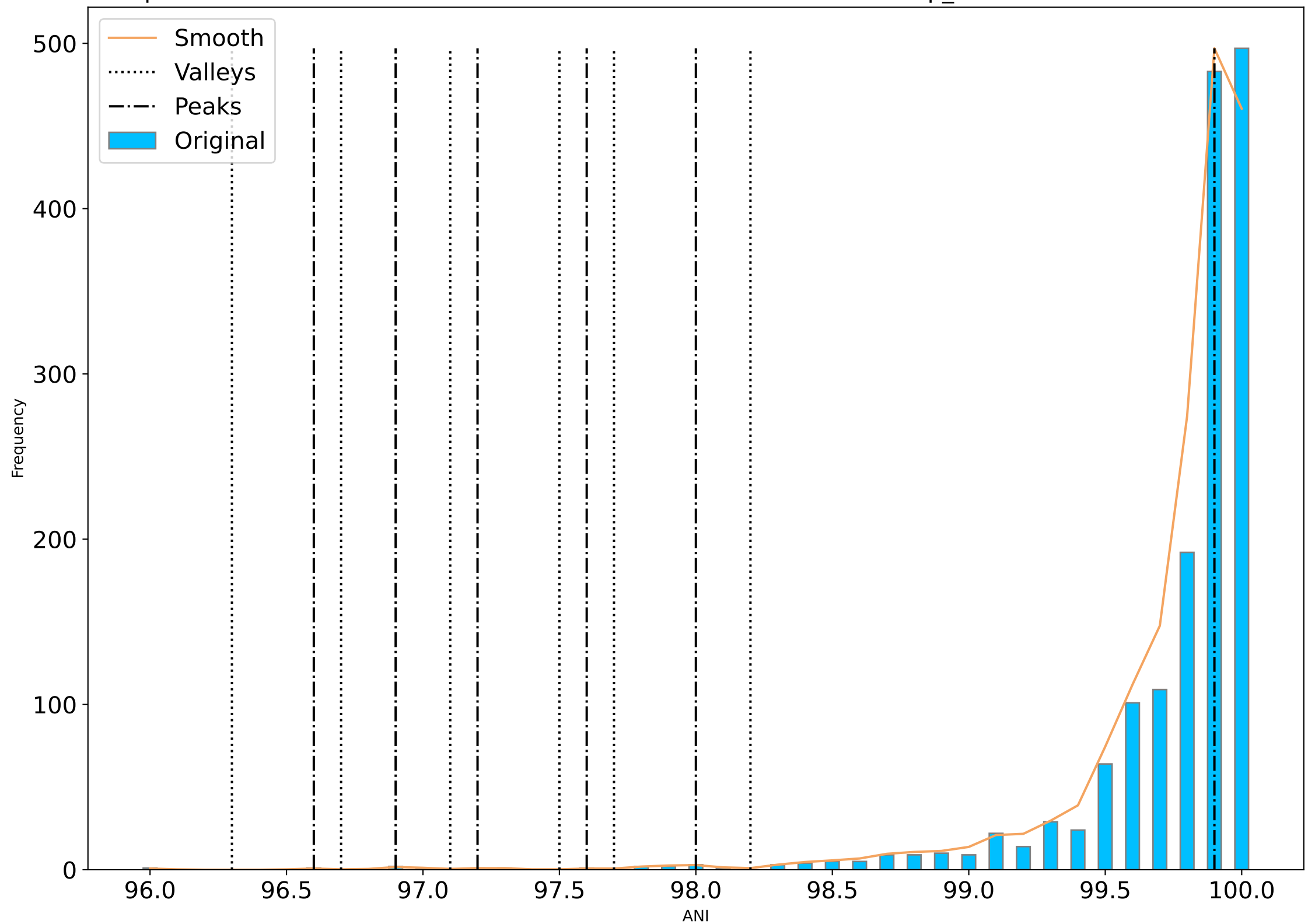


Species_564

Group 2

Norm_test 2.27878212881267e-305

Dip_test 6.652844894106114e-05

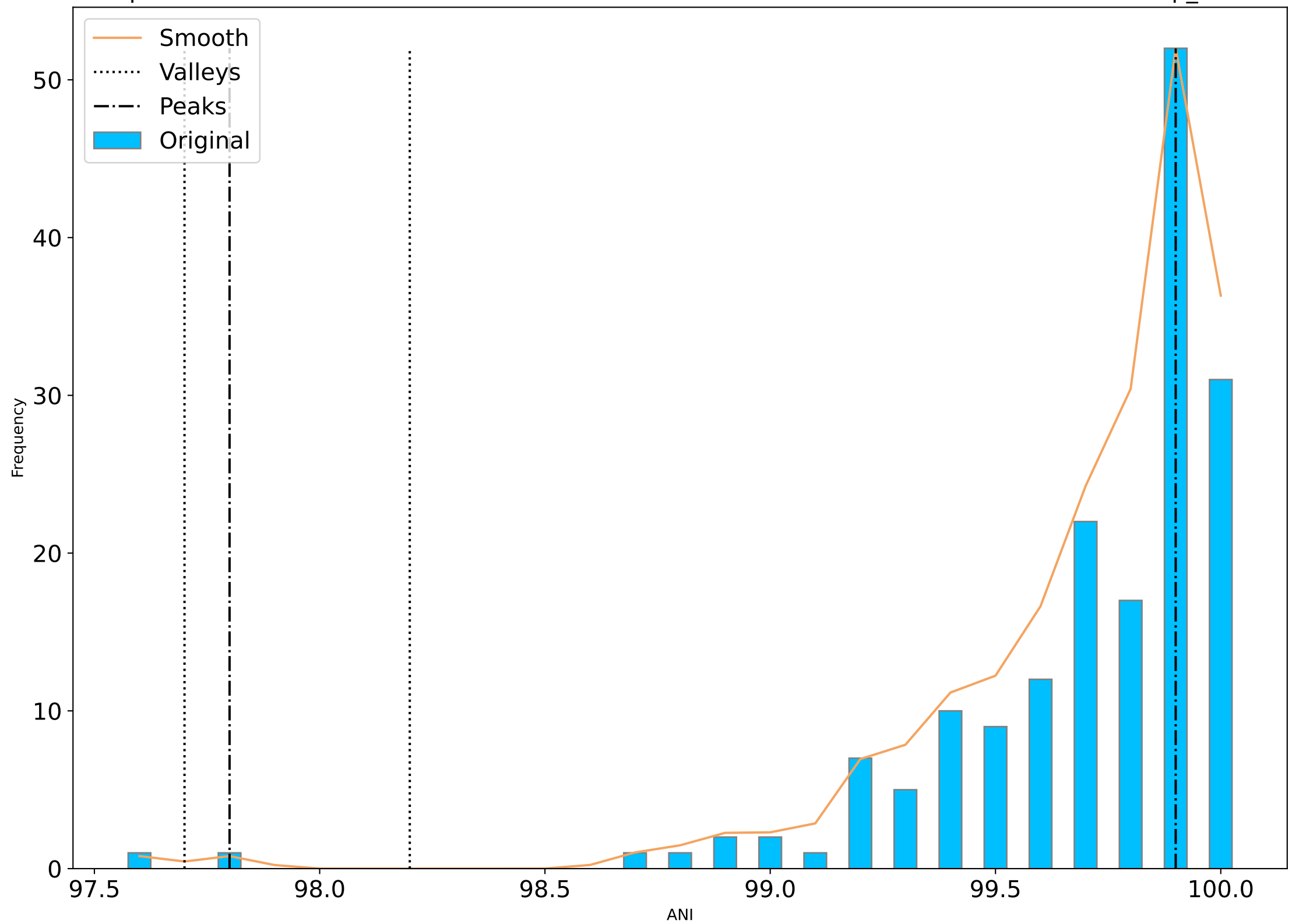


Species_567

Group 2

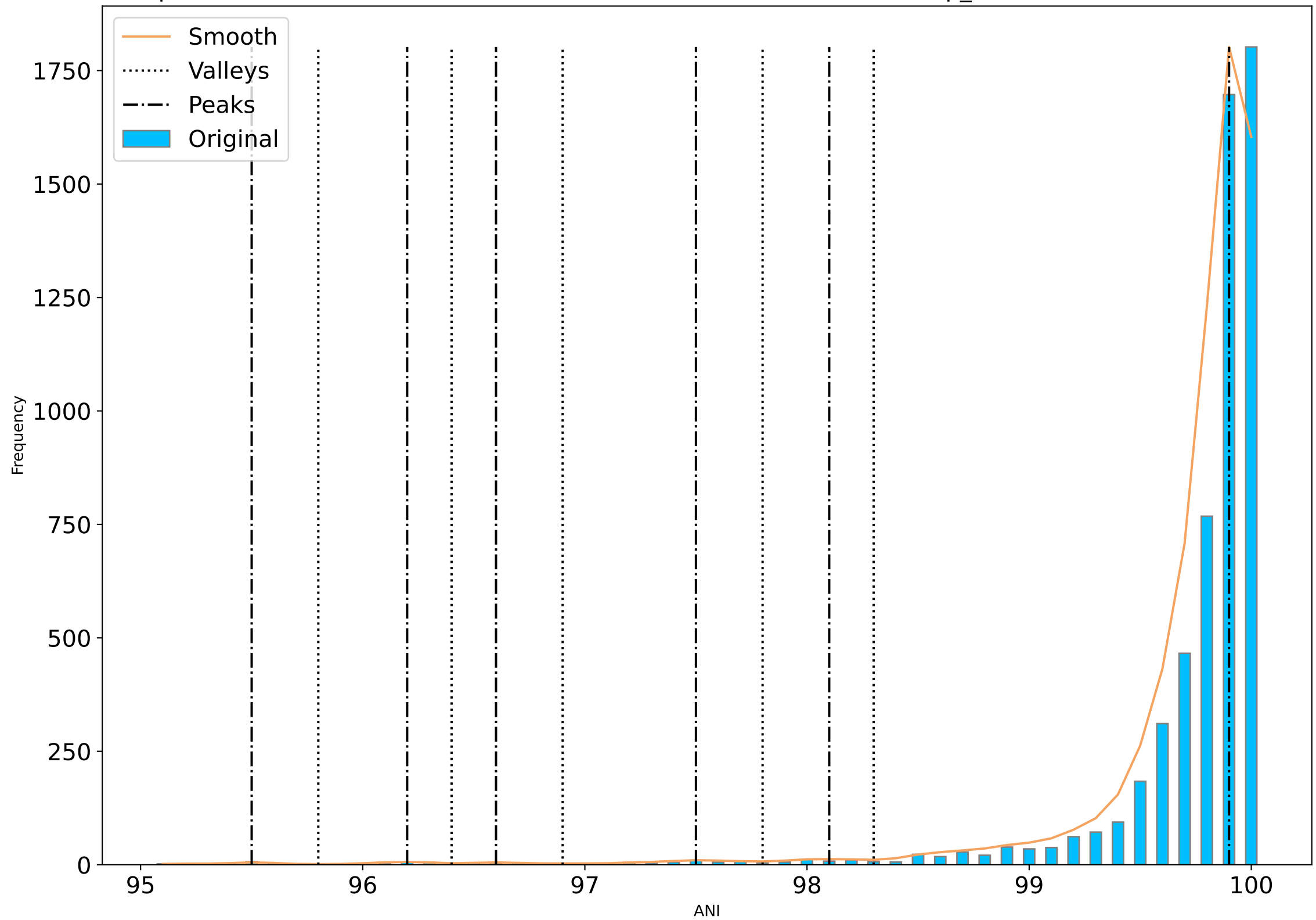
Norm_test 3.3690293941266054e-28

Dip_test 0.0



Species_569
Group 2

Norm_test 0.0
Dip_test 0.000206474758838171

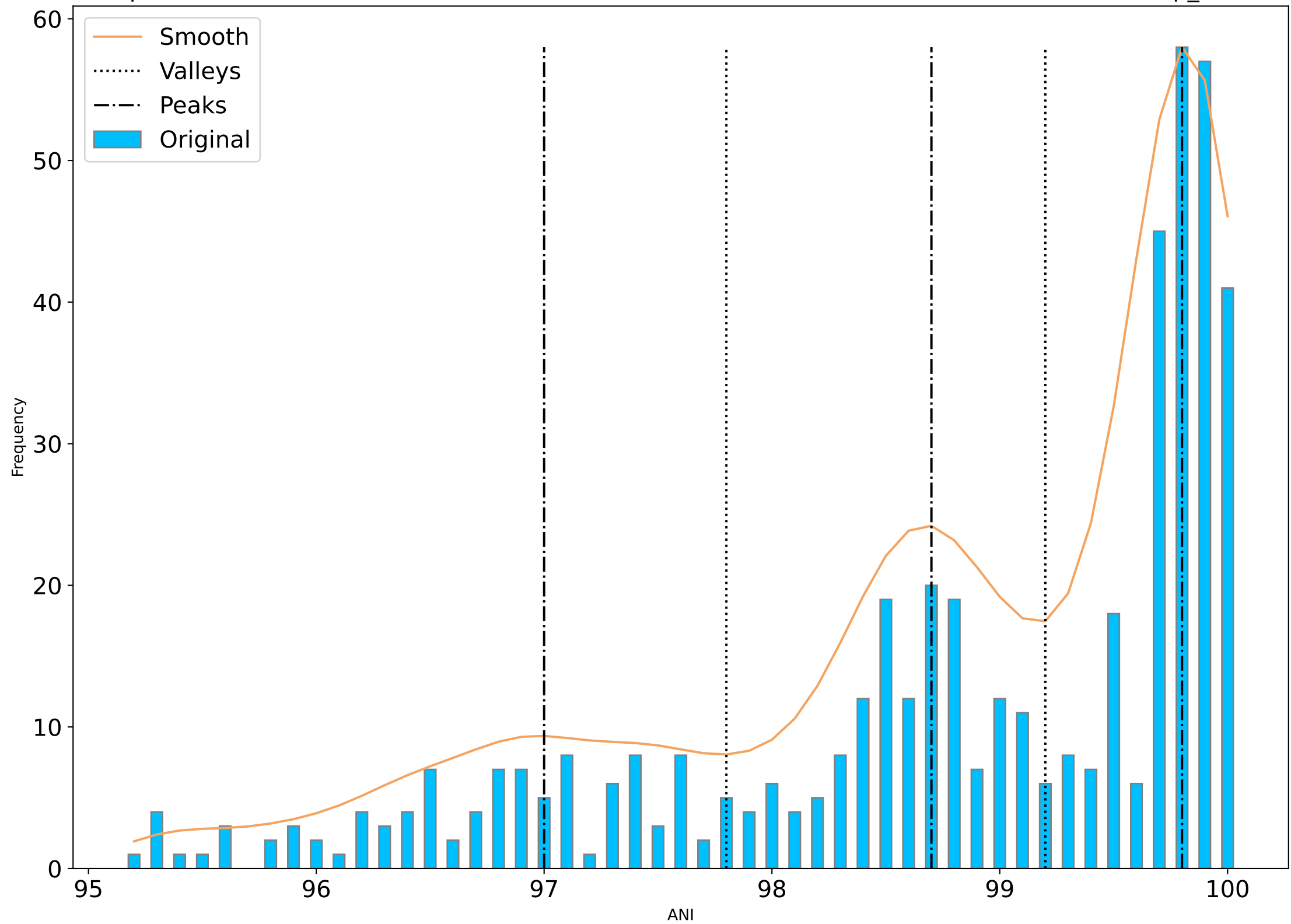


Species_571

Group 1

Norm_test 4.1595352055758896e-15

Dip_test 0.0

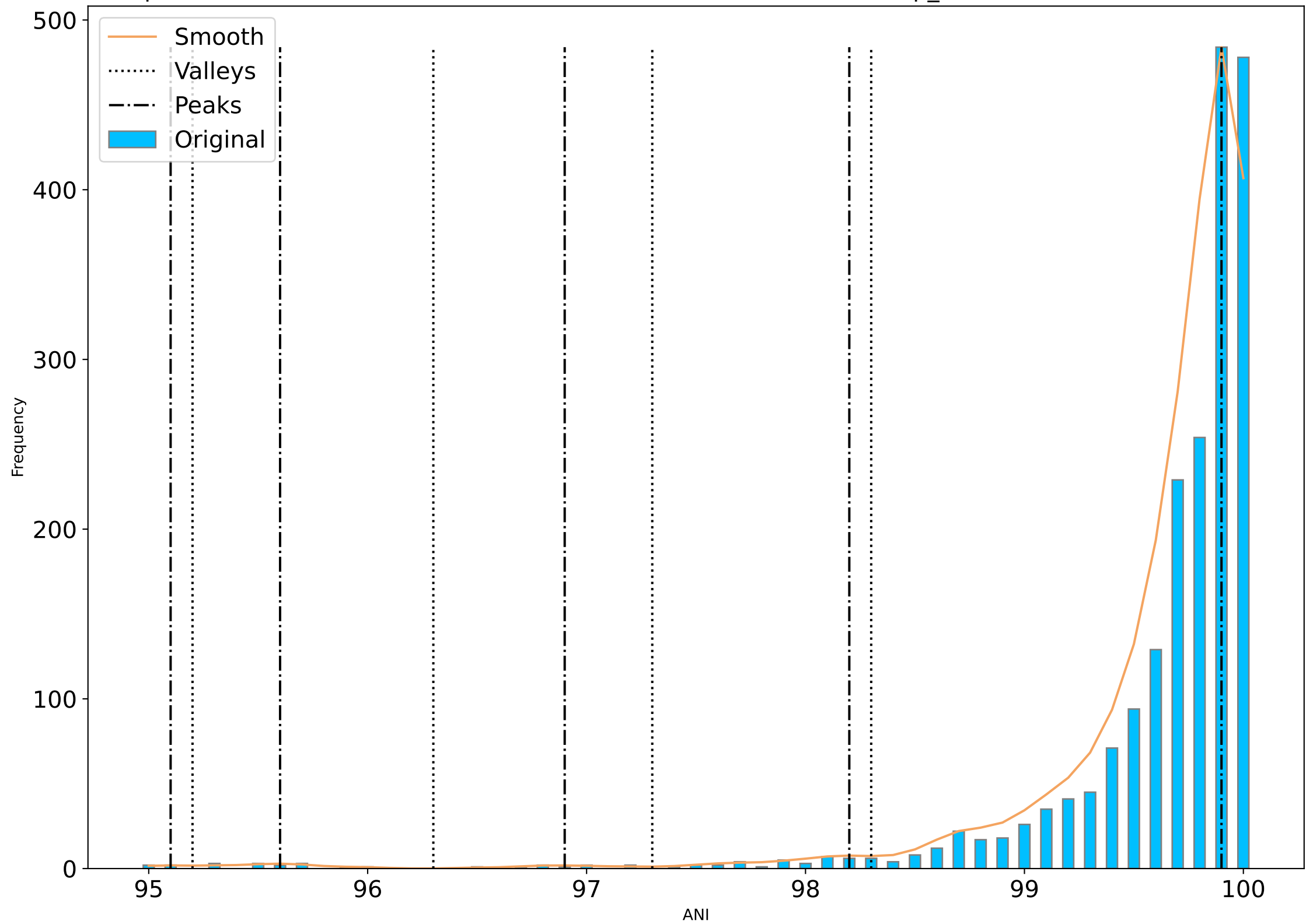


Species_576

Group 2

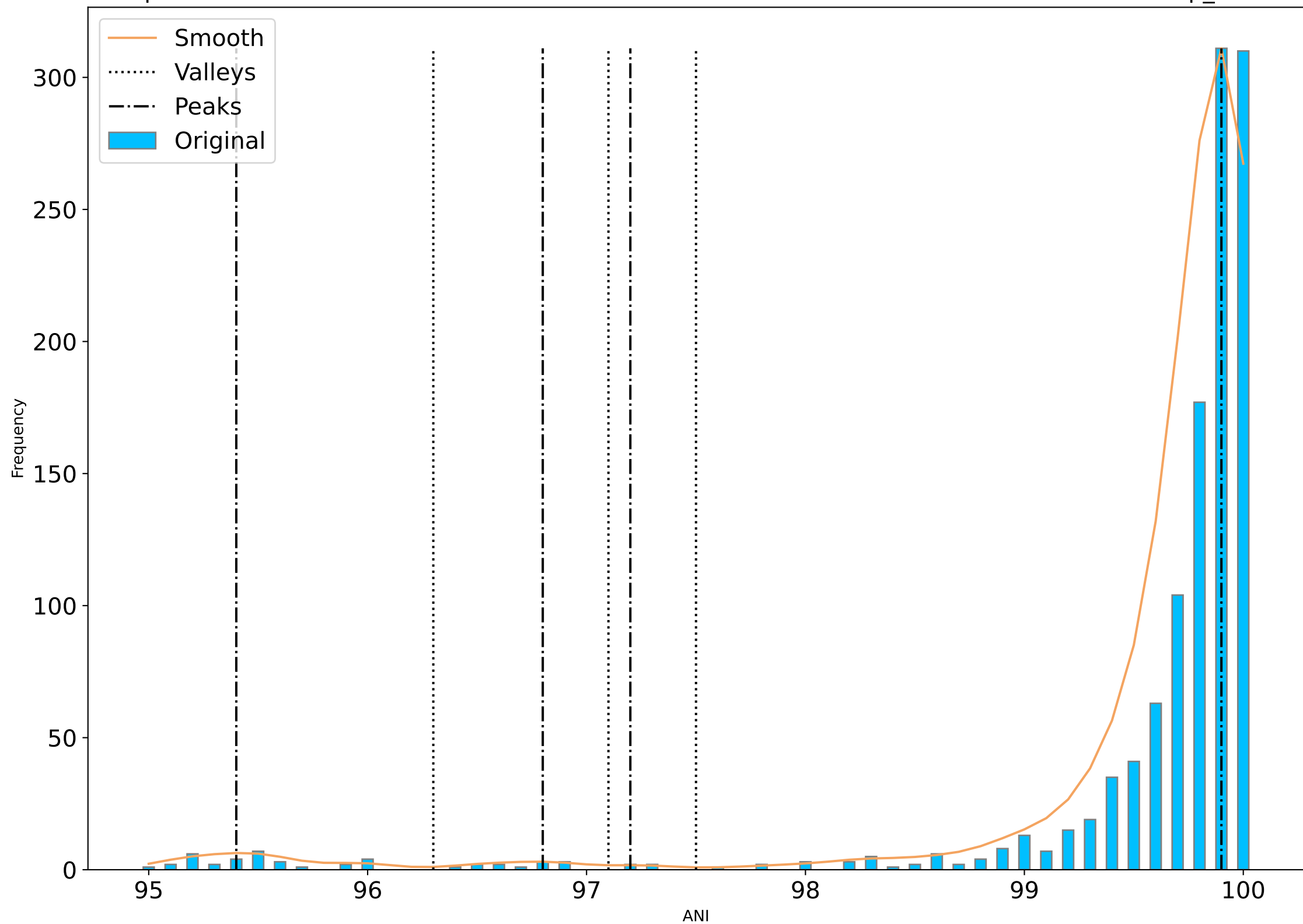
Norm_test 0.0

Dip_test 1.7191611768607729e-06



Species_577
Group 2

Norm_test 2.689776213748321e-212
Dip_test 0.0

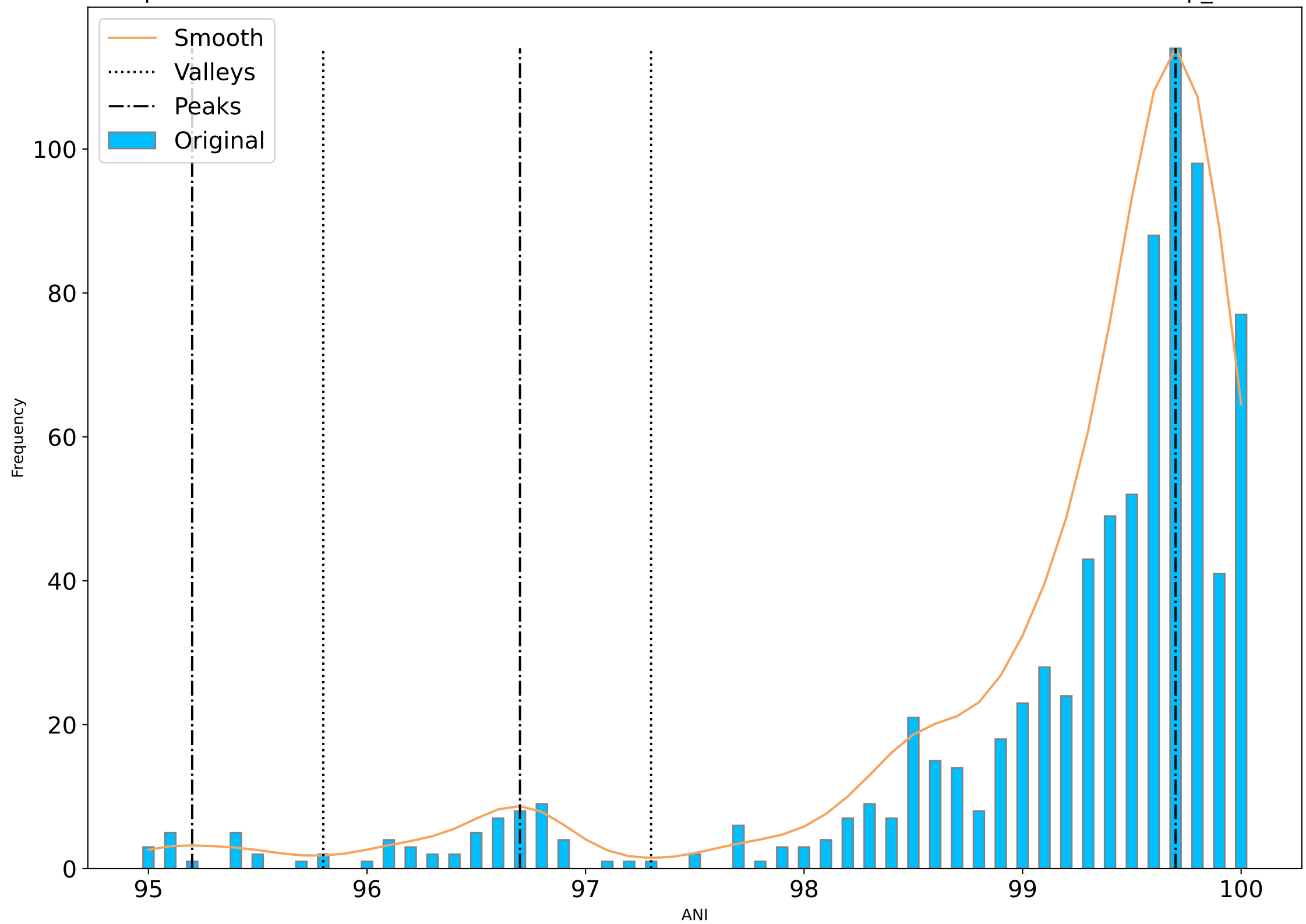


Species_578

Group 3

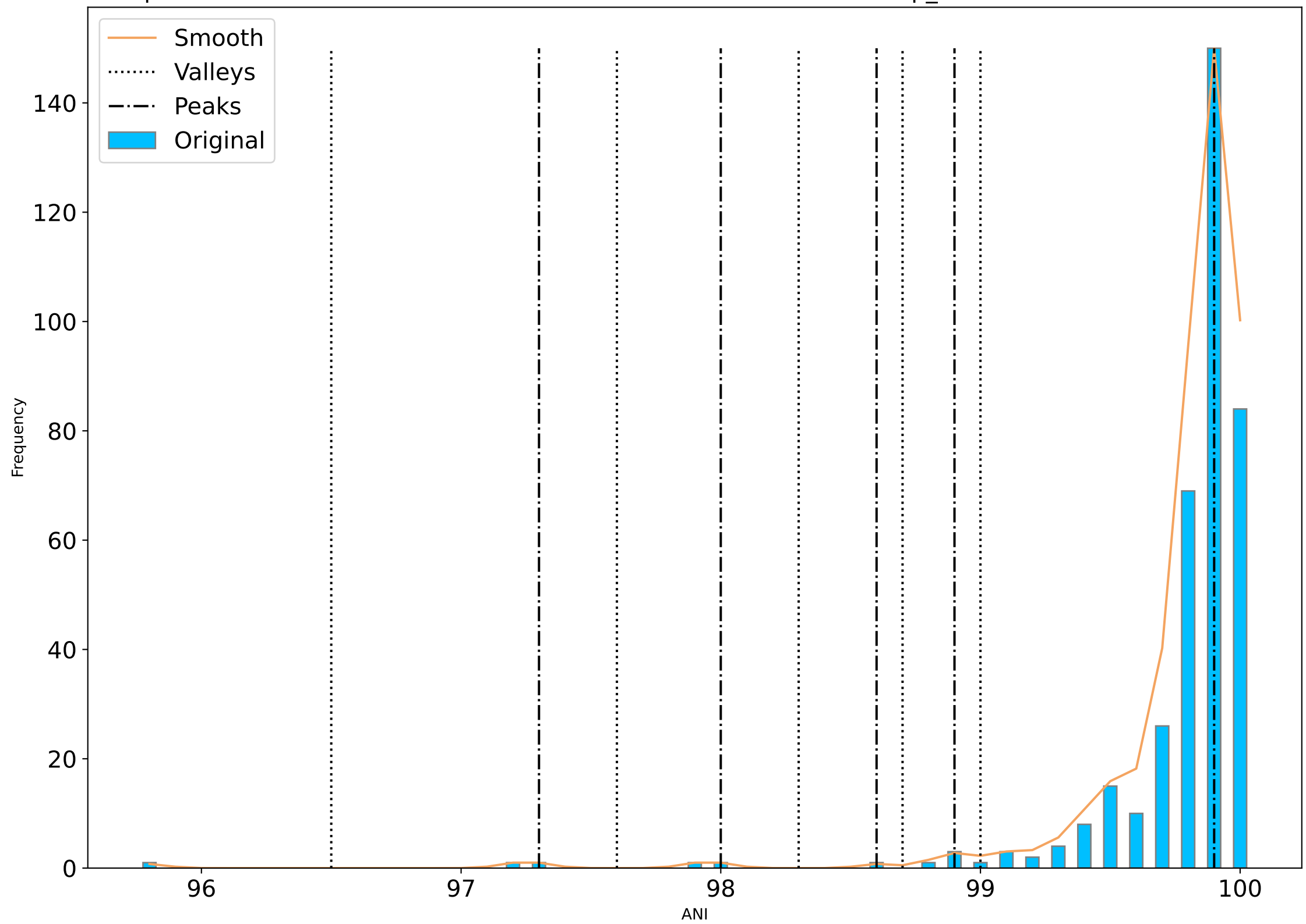
Norm_test 1.5310935613458194e-82

Dip_test 0.0



Species_579
Group 2

Norm_test 4.243695053766967e-105
Dip_test 2.0255429082904897e-05

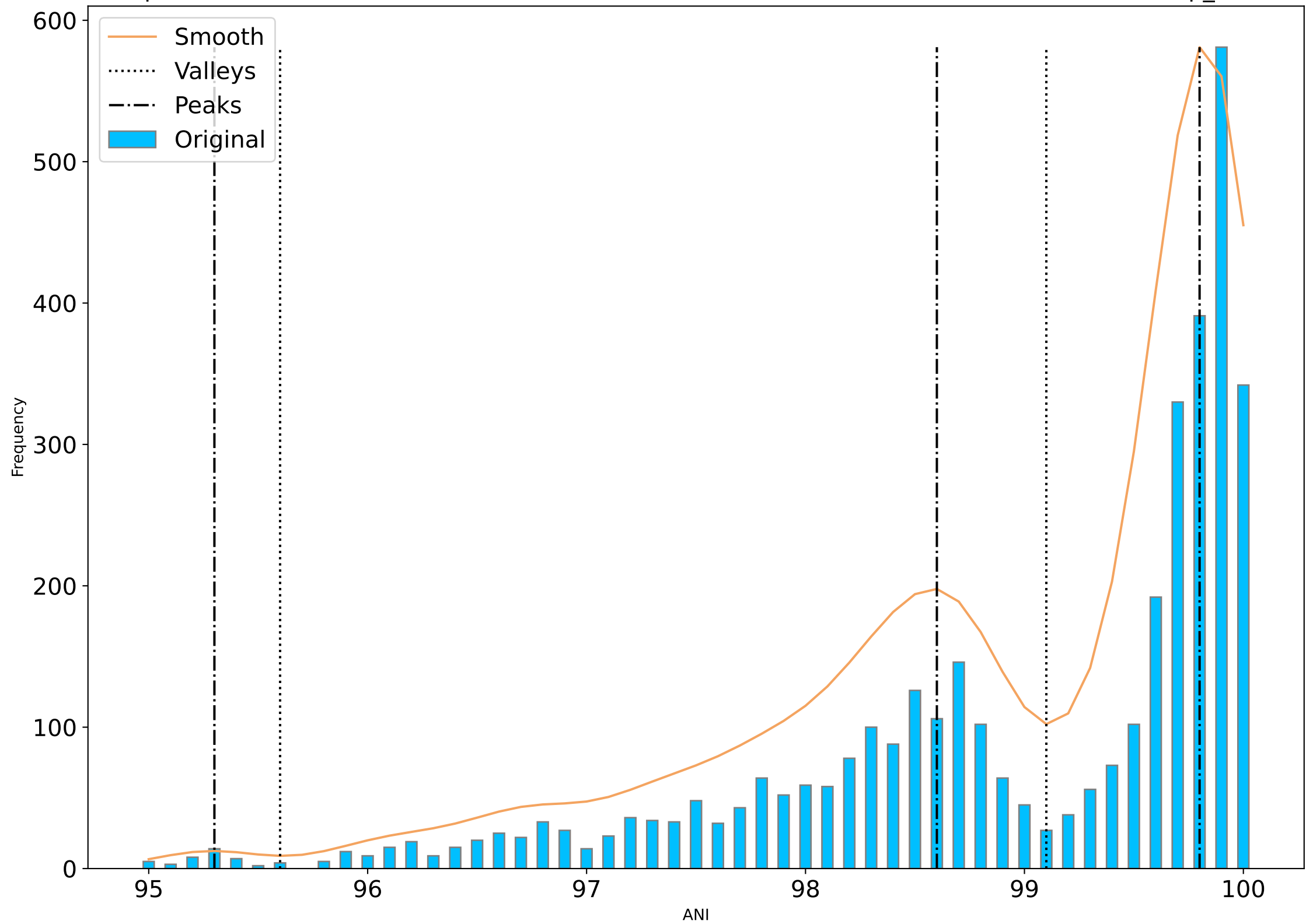


Species_580

Norm_test 1.3014756799253905e-141

Group 1

Dip_test 0.0

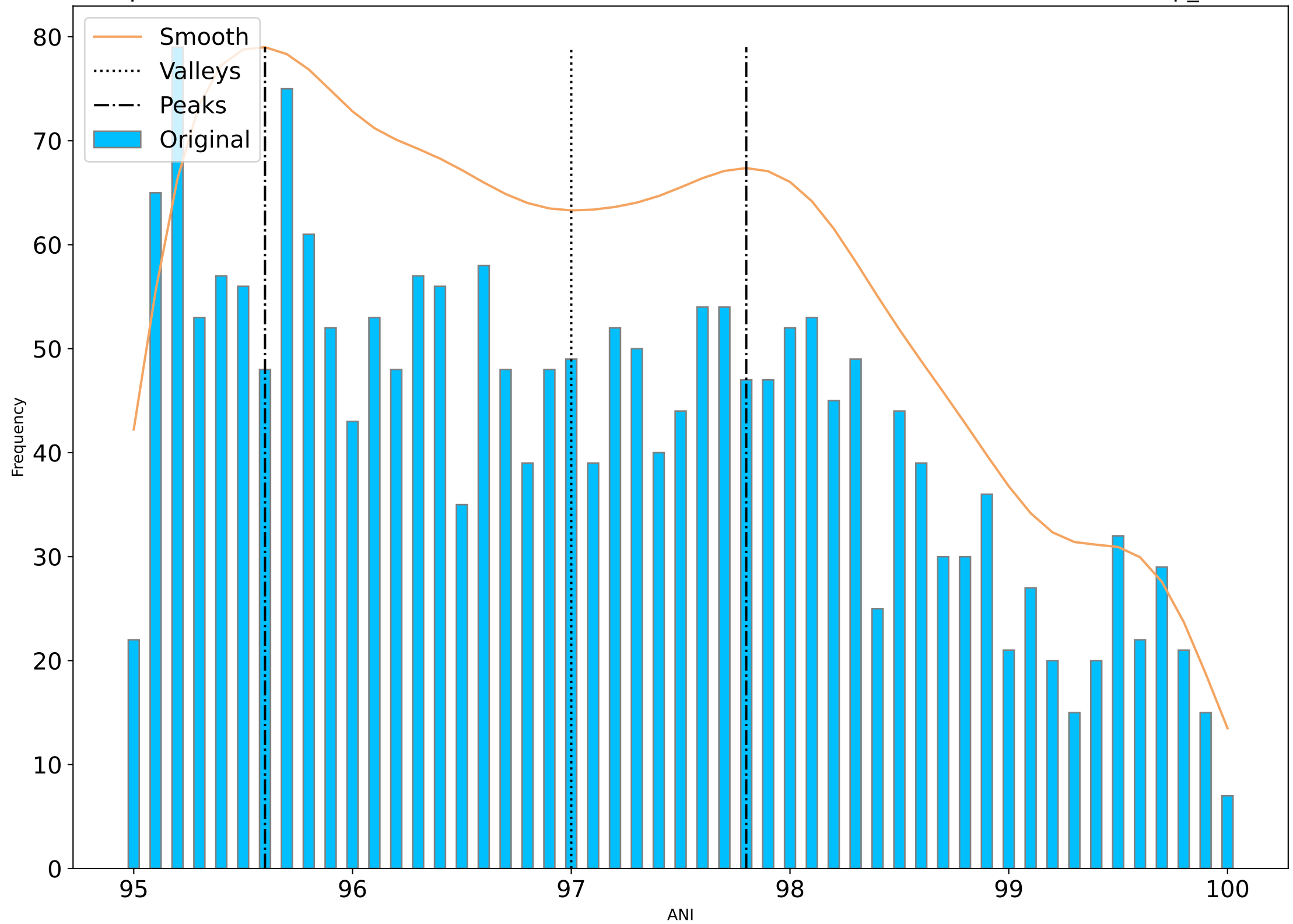


Species_582

Group 3

Norm_test 1.393338487197977e-106

Dip_test 0.0

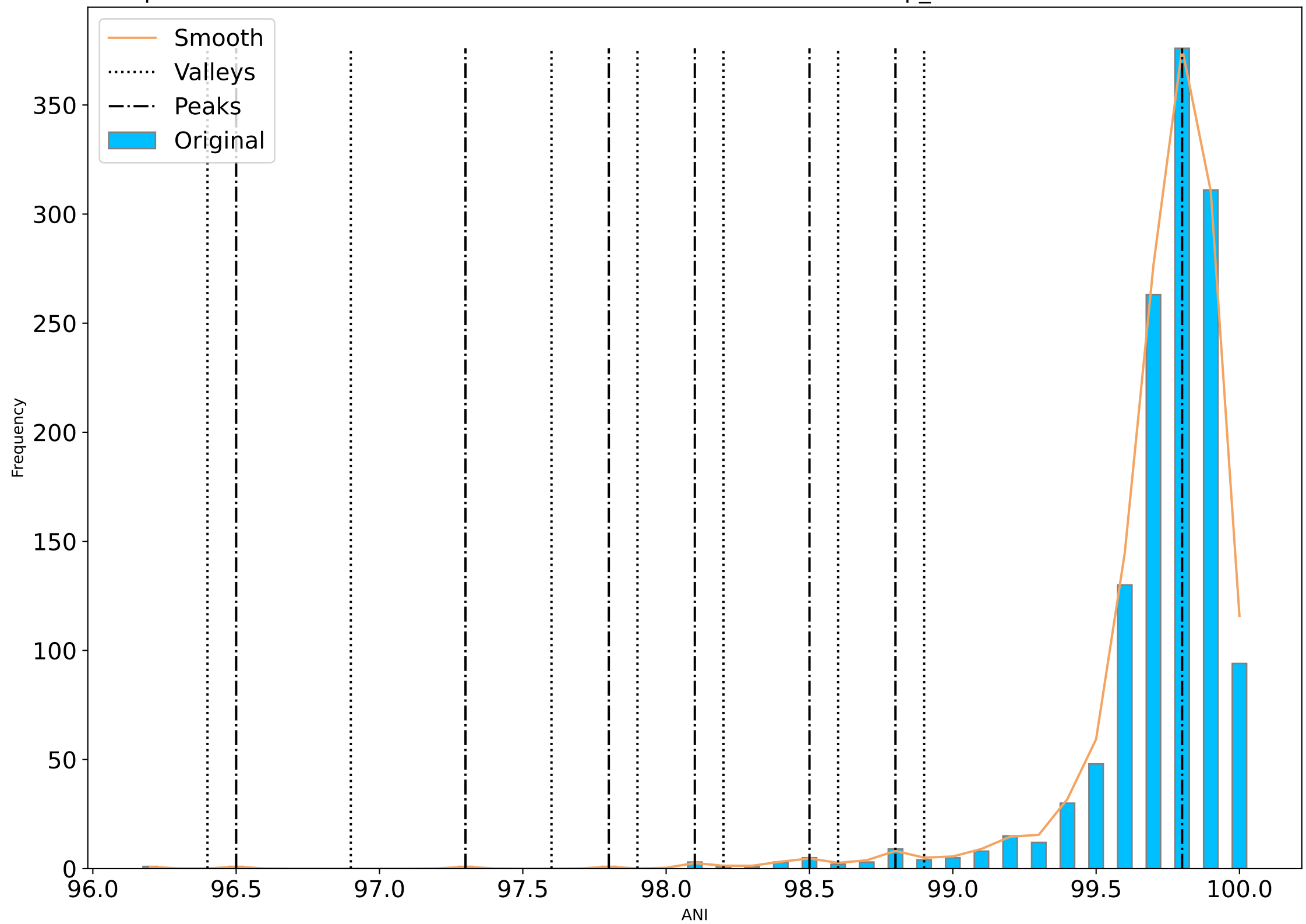


Species_583

Group 2

Norm_test 2.7115507926721598e-294

Dip_test 0.00012772938073646323

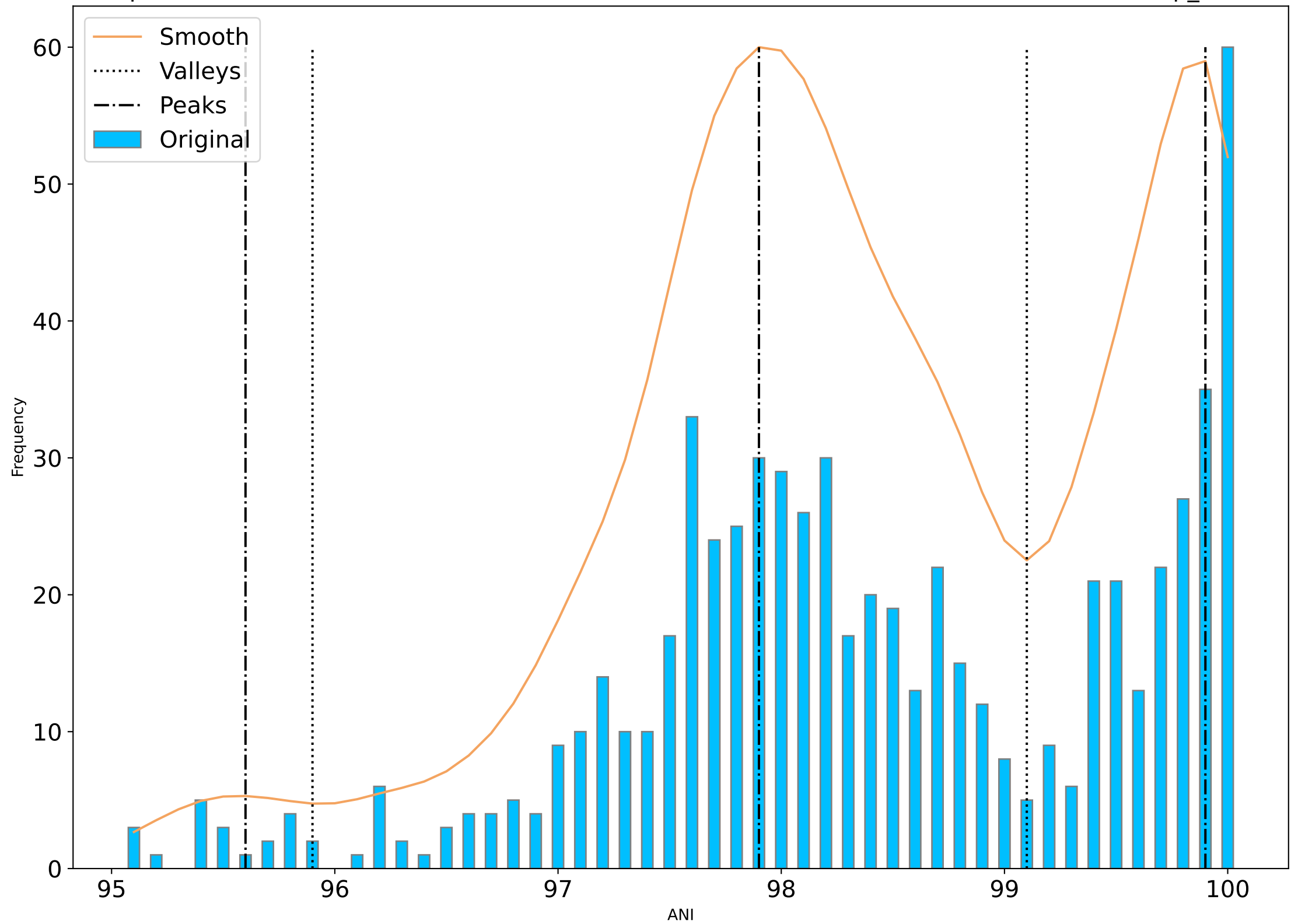


Species_584

Group 1

Norm_test 8.939411946647372e-05

Dip_test 0.0

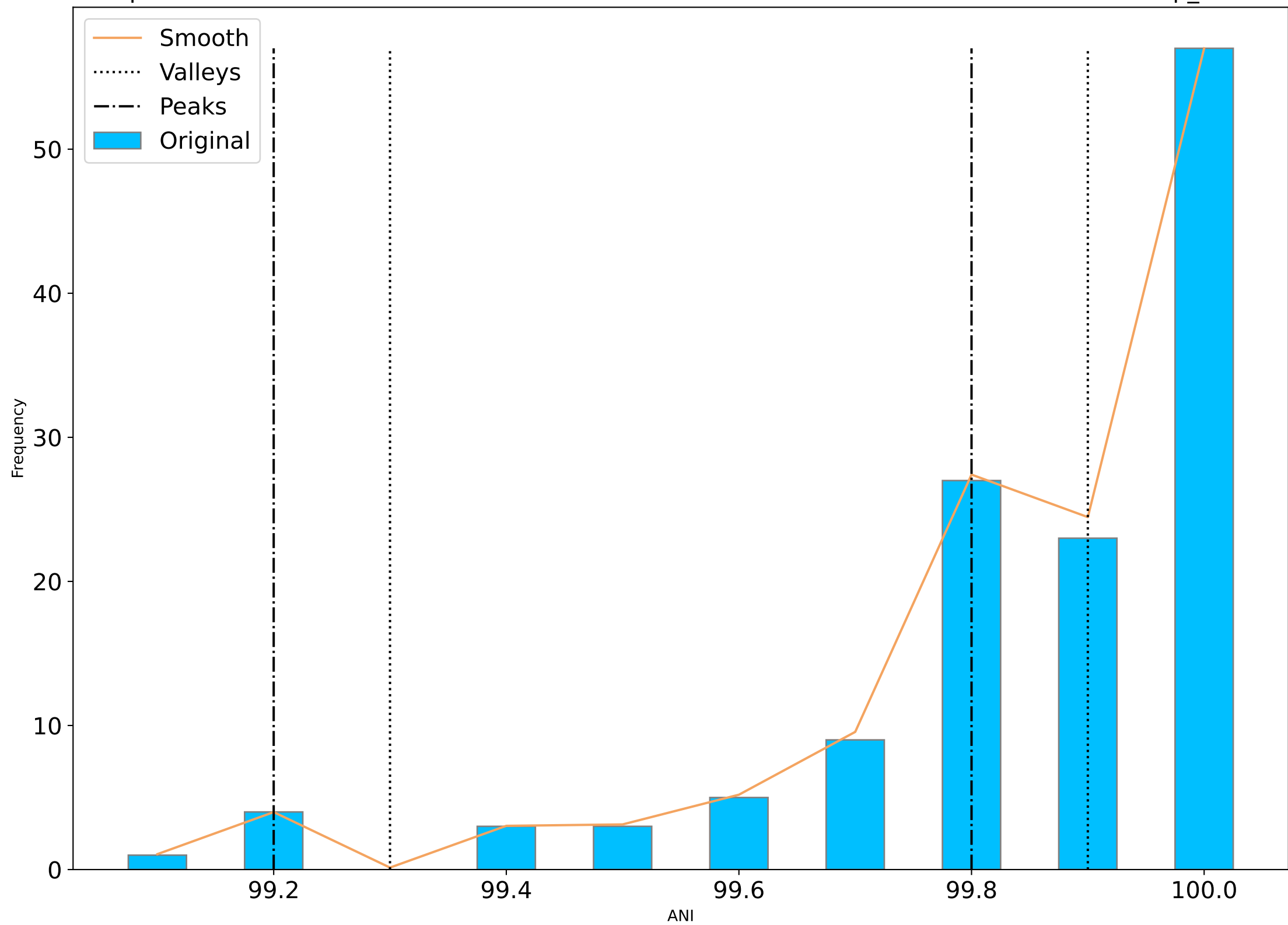


Species_588

Group 2

Norm_test 4.2821641055795326e-14

Dip_test 0.0

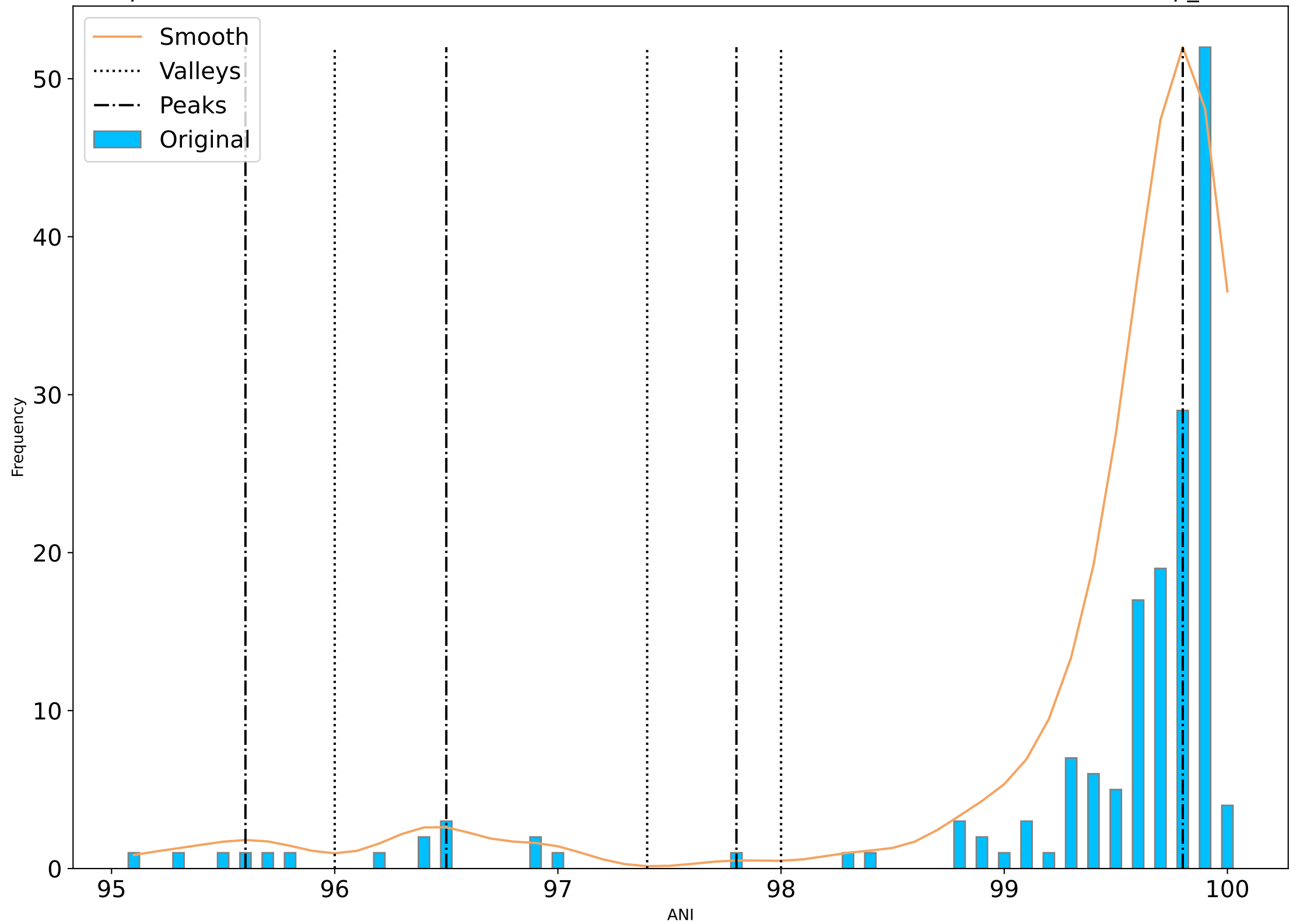


Species_590

Group 3

Norm_test 1.7525542290376513e-23

Dip_test 0.0

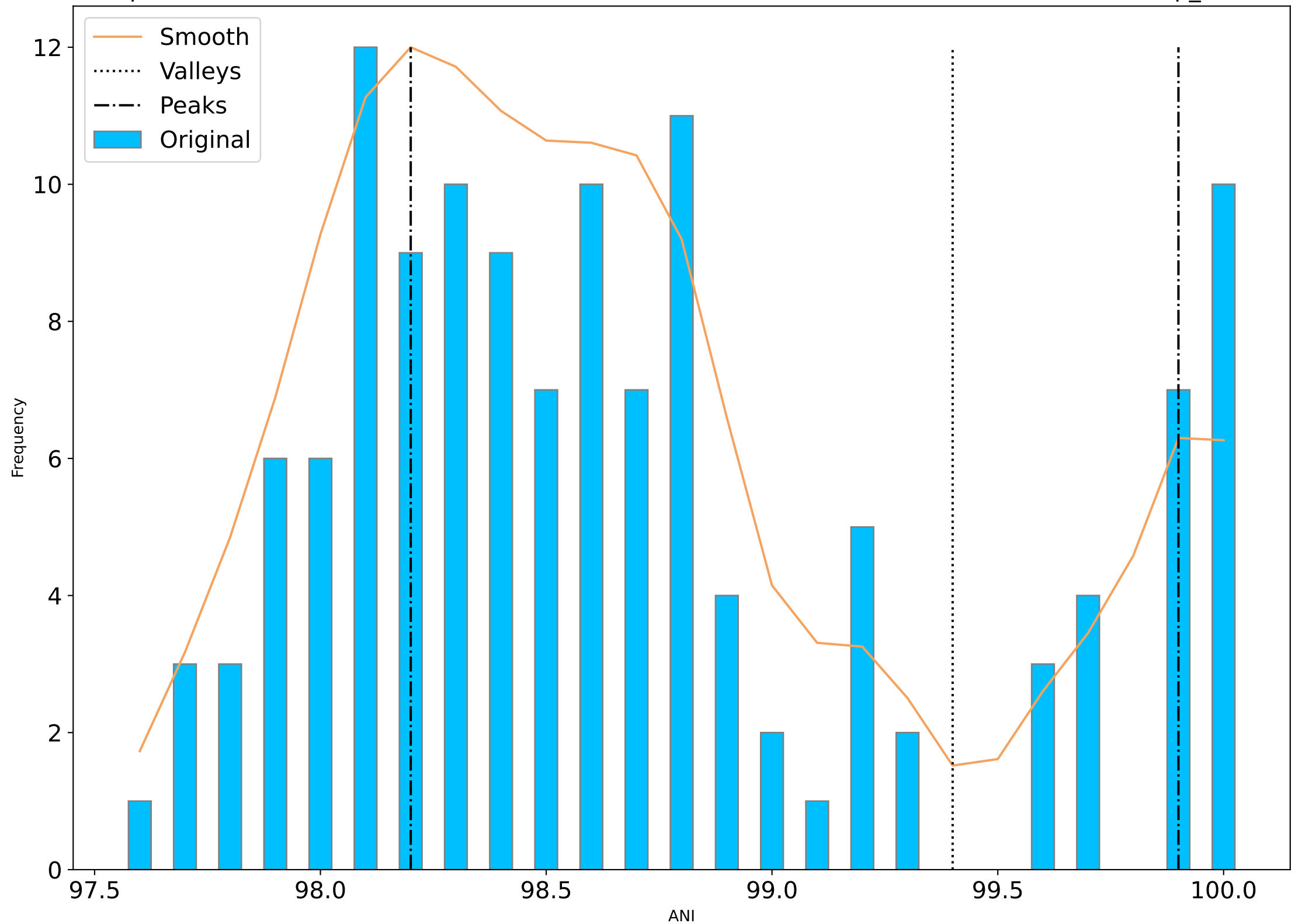


Species_591

Group 1

Norm_test 0.0015510570726750138

Dip_test 0.0

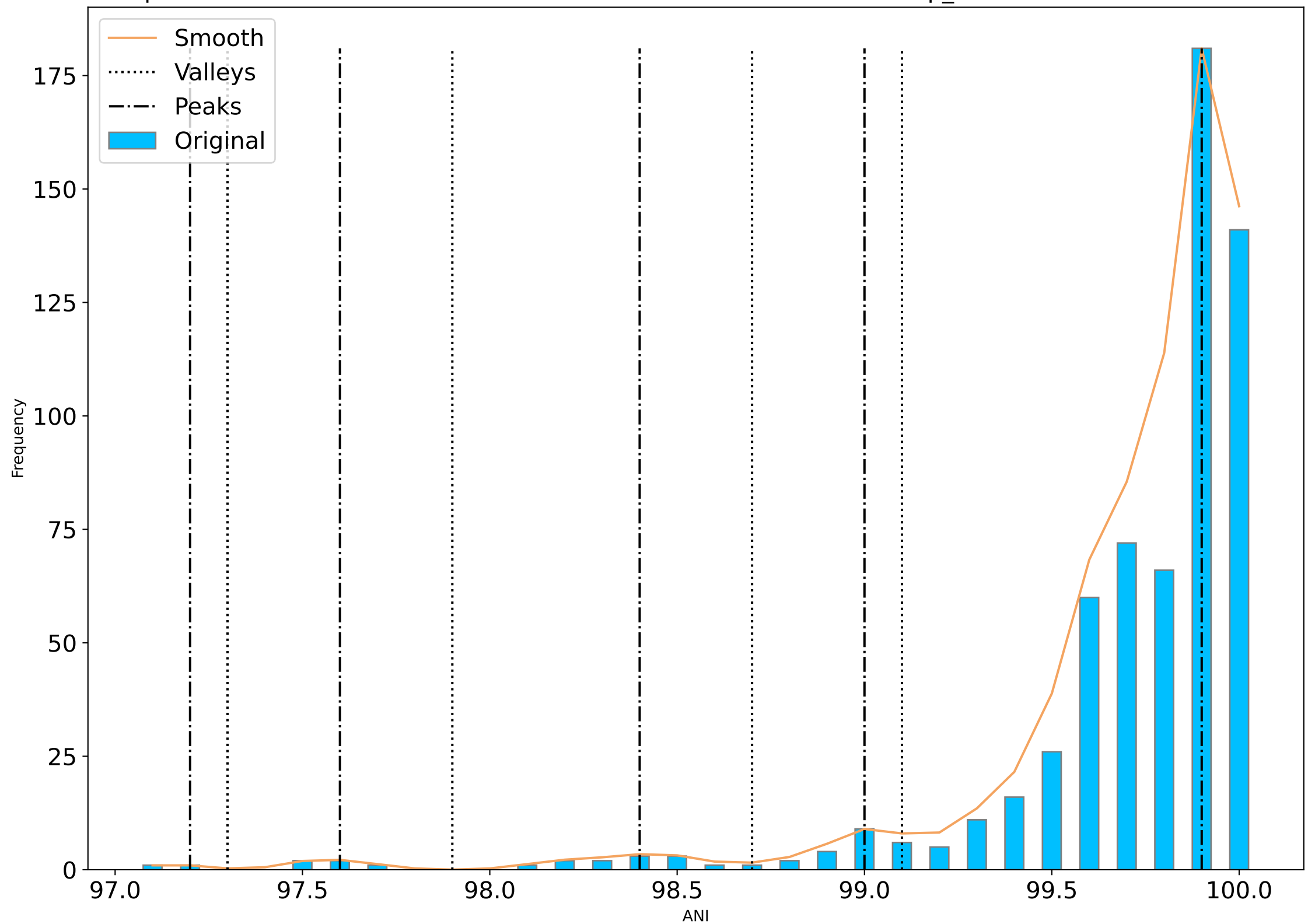


Species_596

Group 2

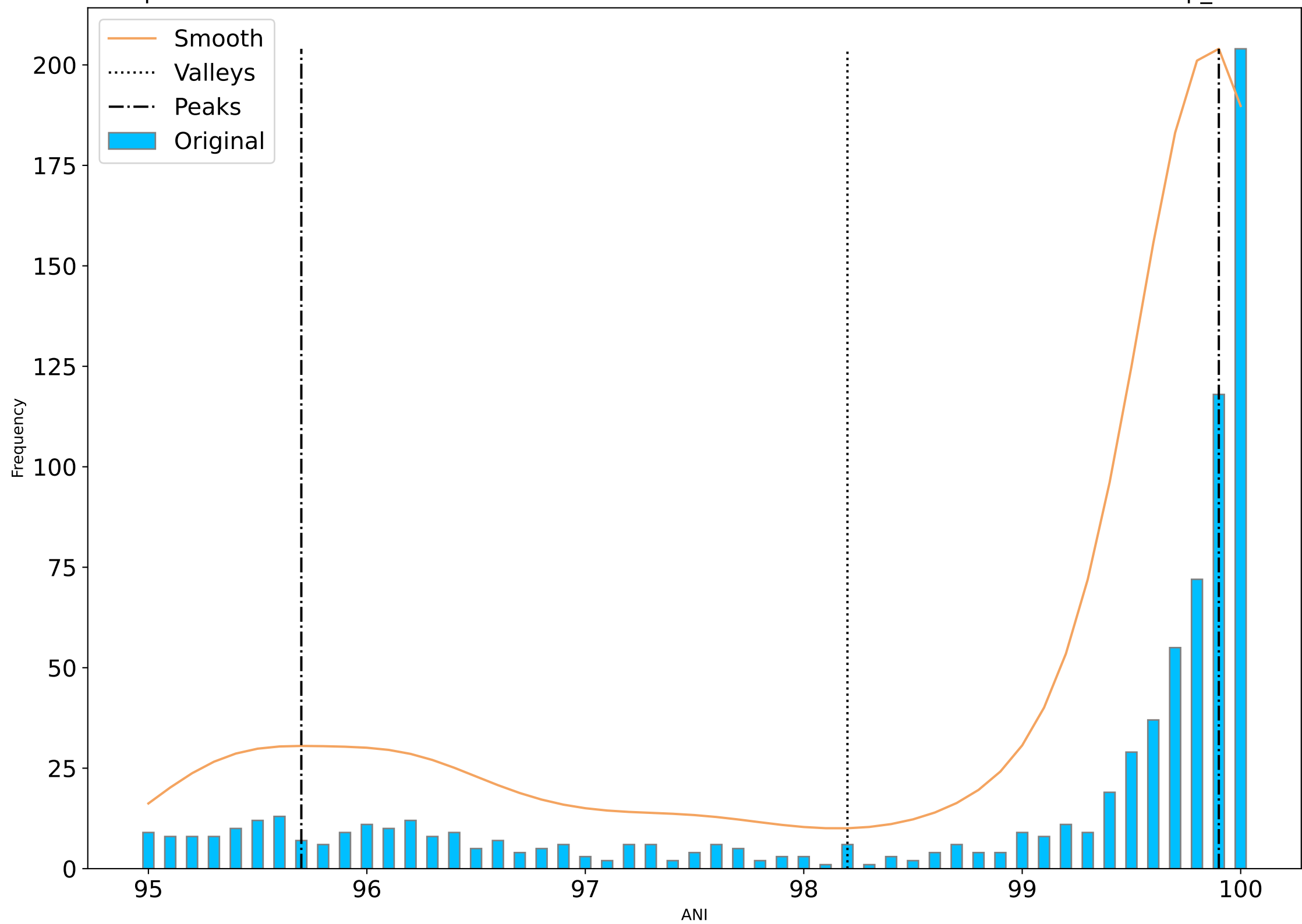
Norm_test 8.94162103559204e-103

Dip_test 6.554588591889399e-07



Species_598
Group 3

Norm_test 7.437983296759045e-29
Dip_test 0.0

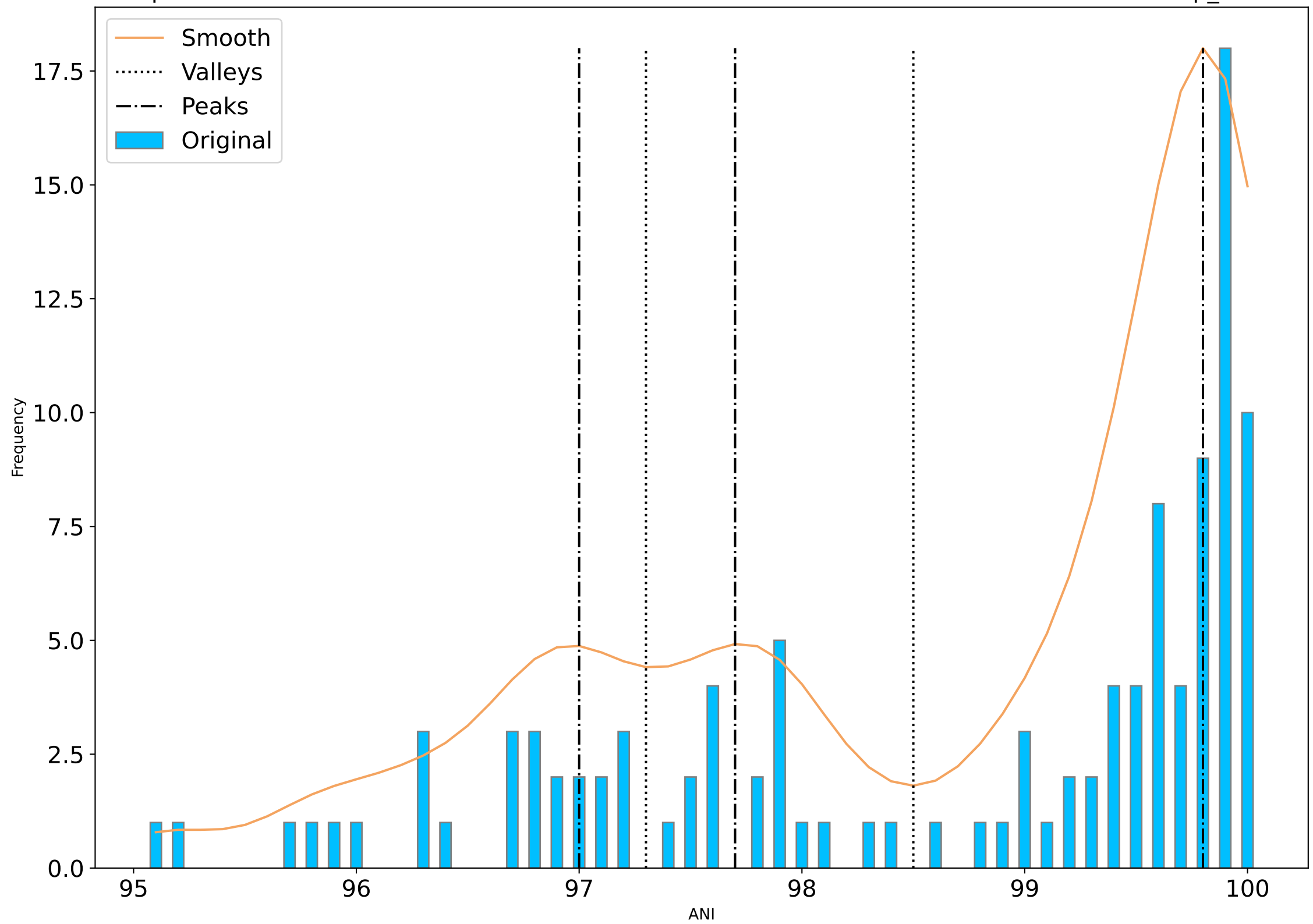


Species_603

Norm_test 0.0007290212695012577

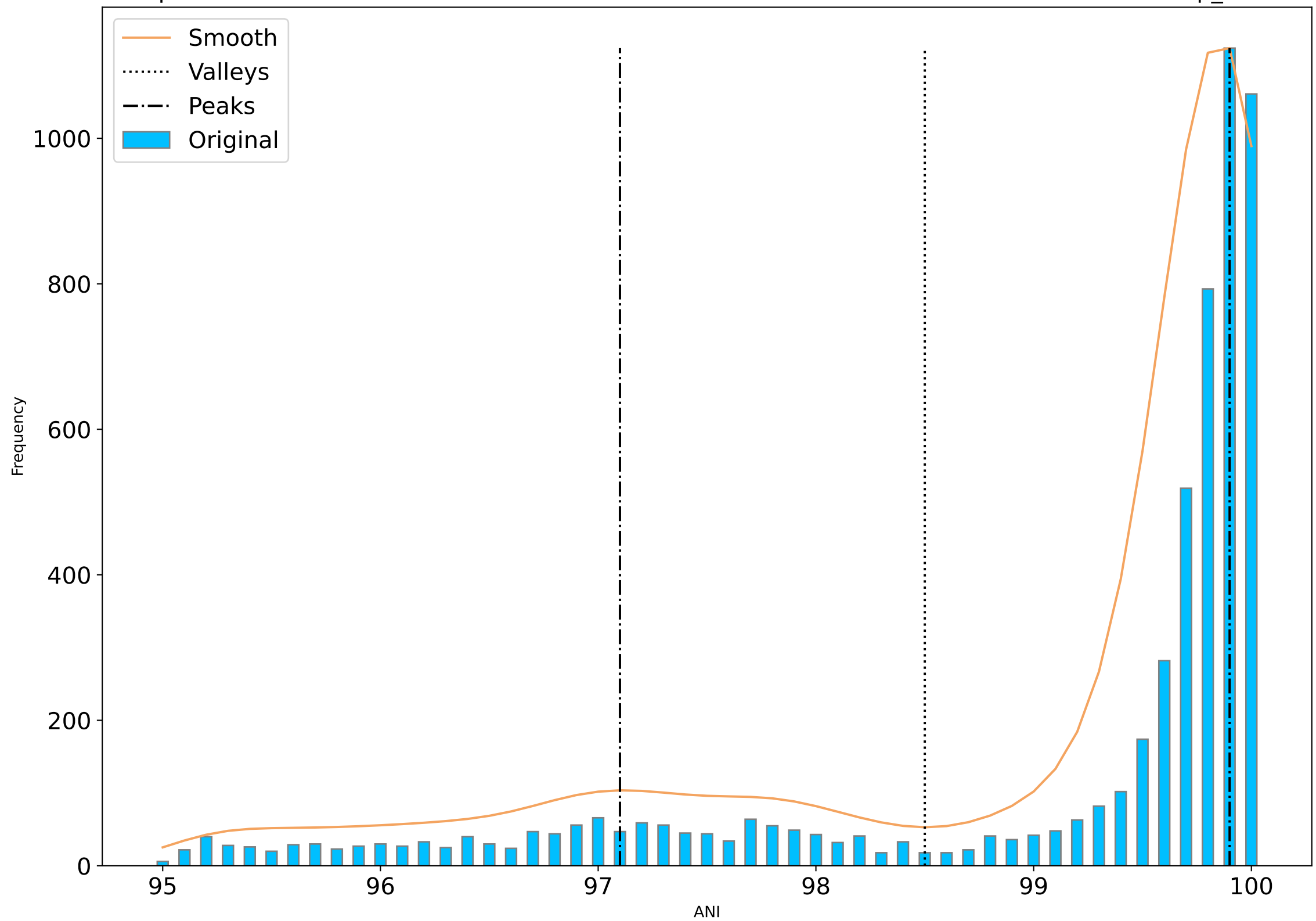
Group 3

Dip_test 0.0



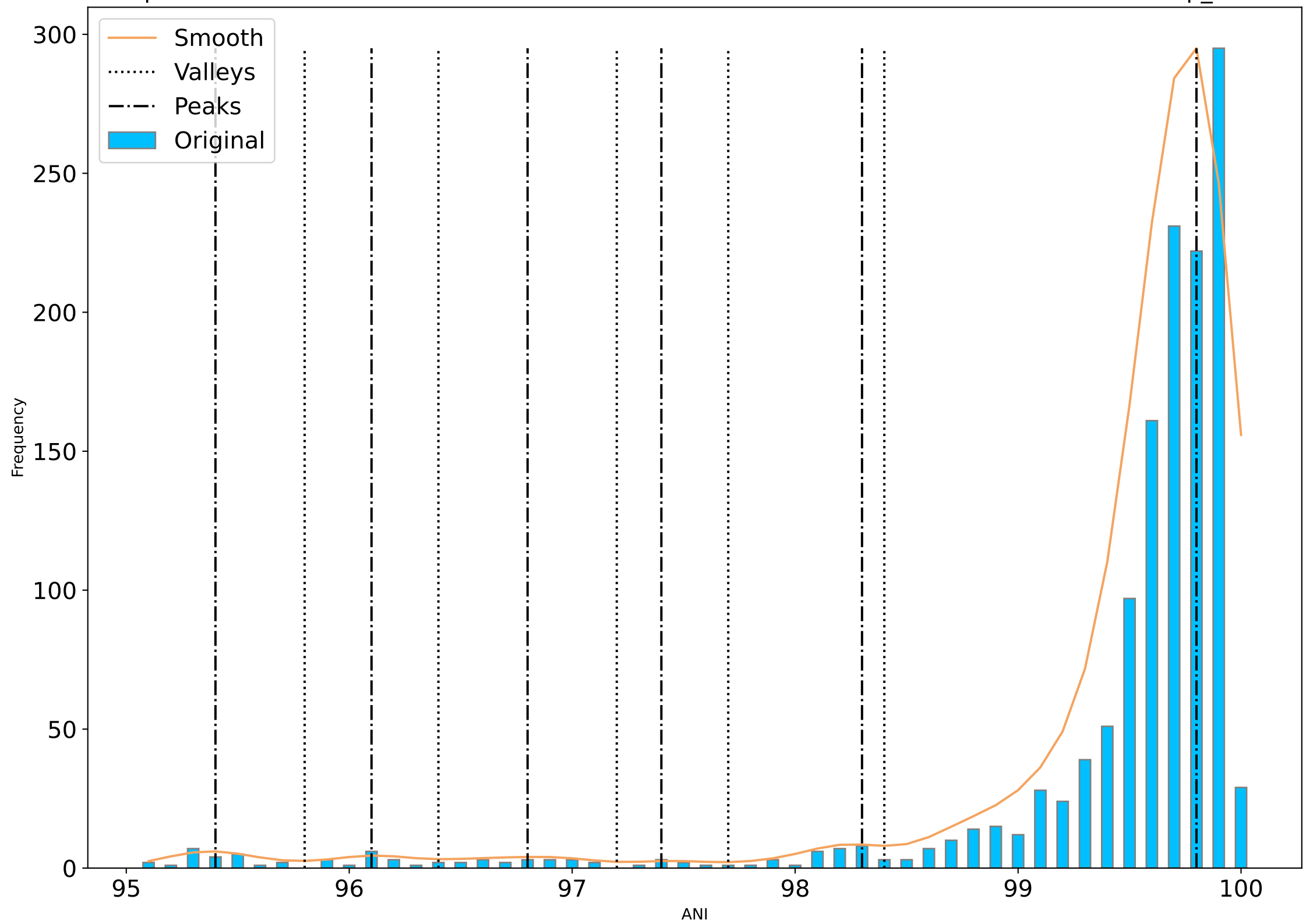
Species_605
Group 3

Norm_test 0.0
Dip_test 0.0



Species_611
Group 3

Norm_test 2.129204430719694e-211
Dip_test 0.0

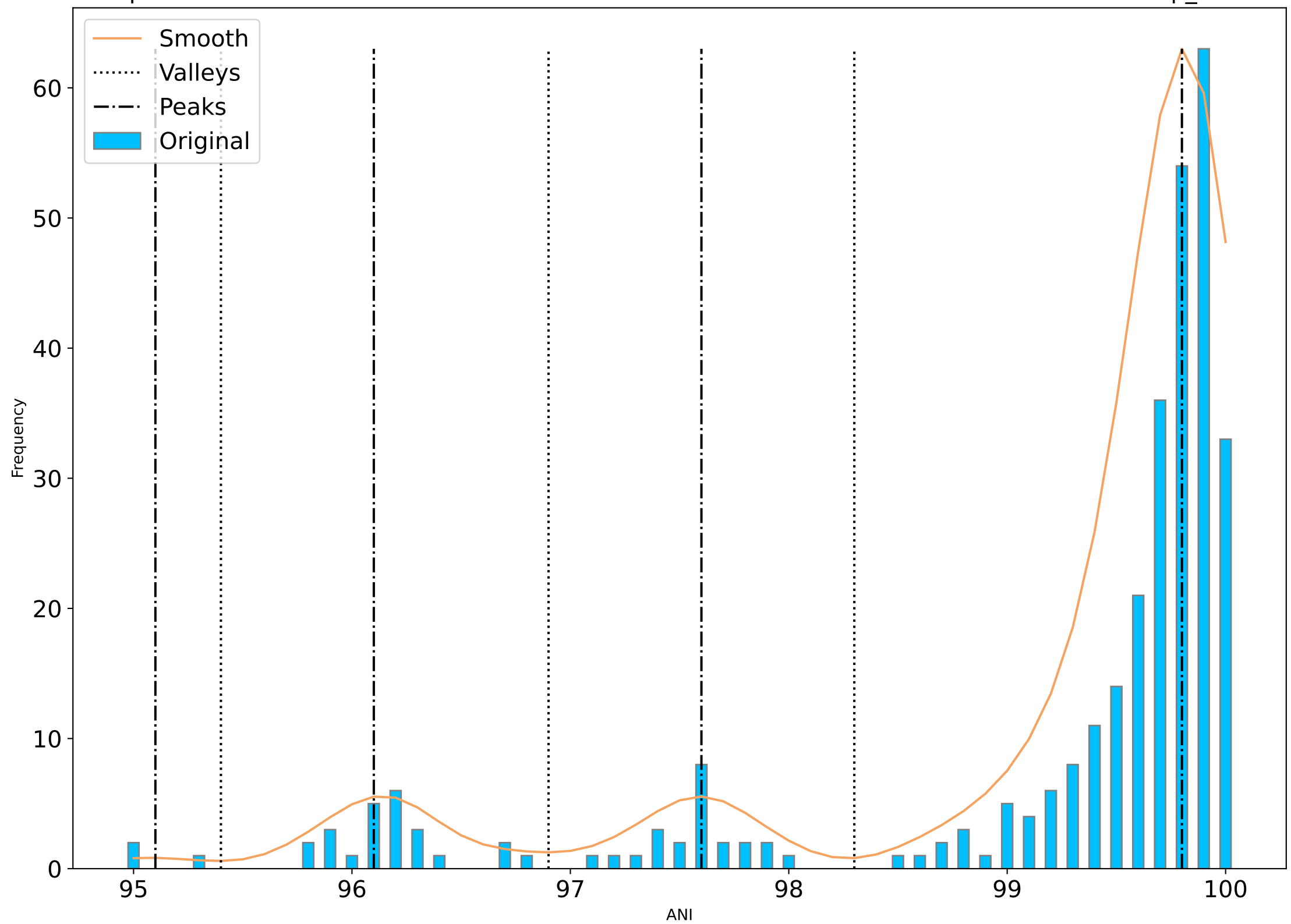


Species_613

Group 3

Norm_test 1.0341563432819824e-27

Dip_test 0.0

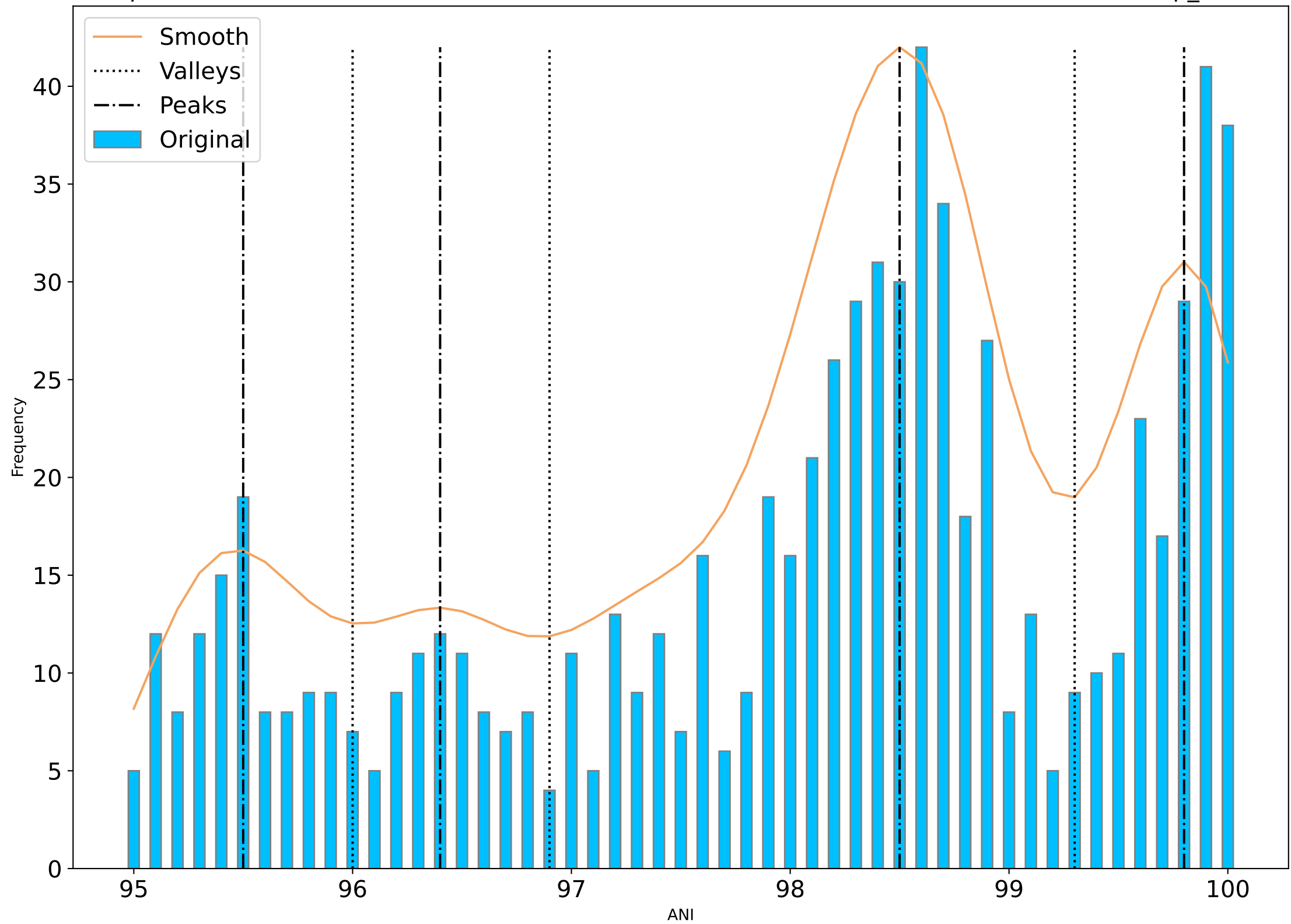


Species_615

Group 1

Norm_test 7.402237916019411e-21

Dip_test 0.0

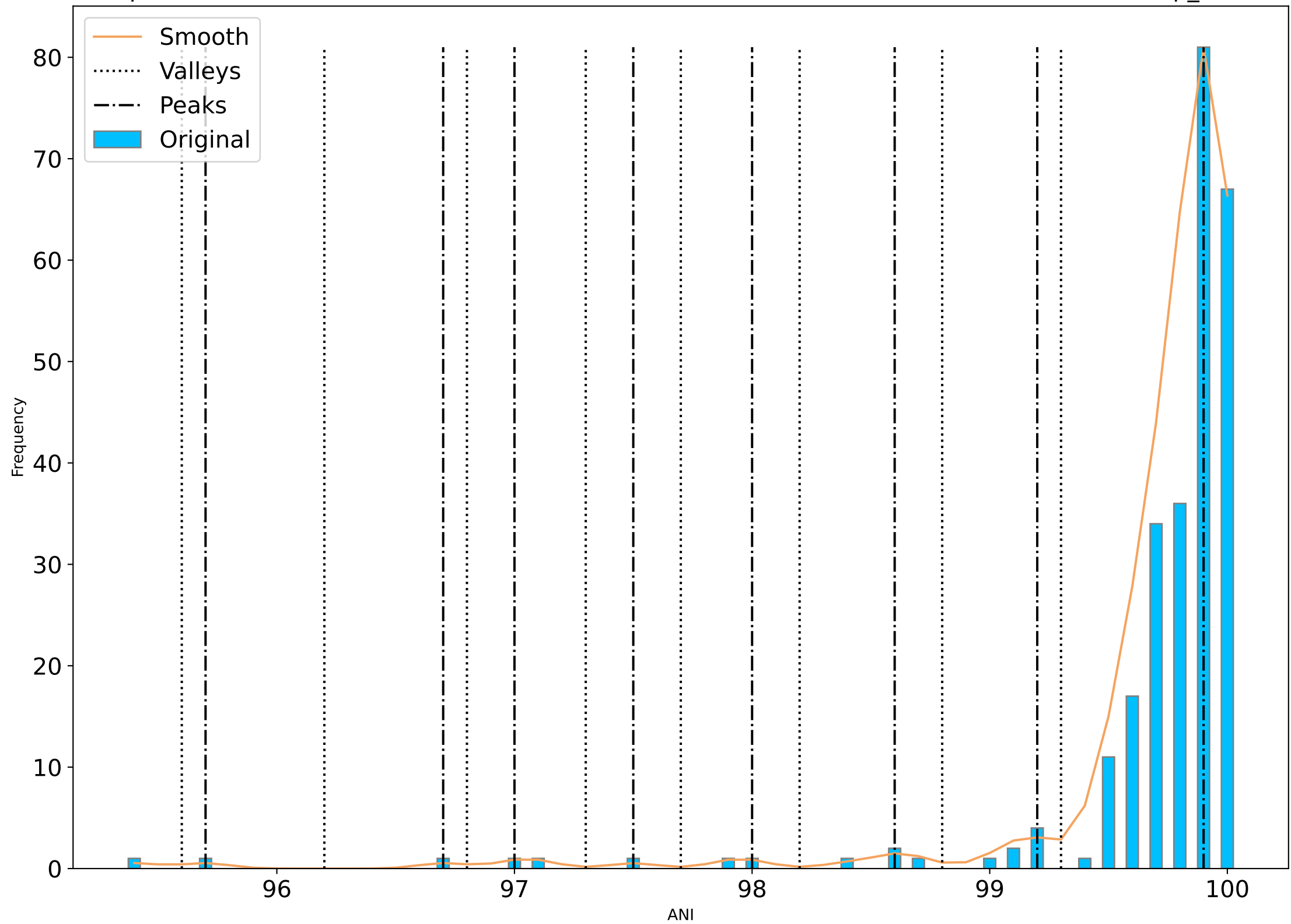


Species_618

Group 2

Norm_test 2.25050073065312e-65

Dip_test 0.0

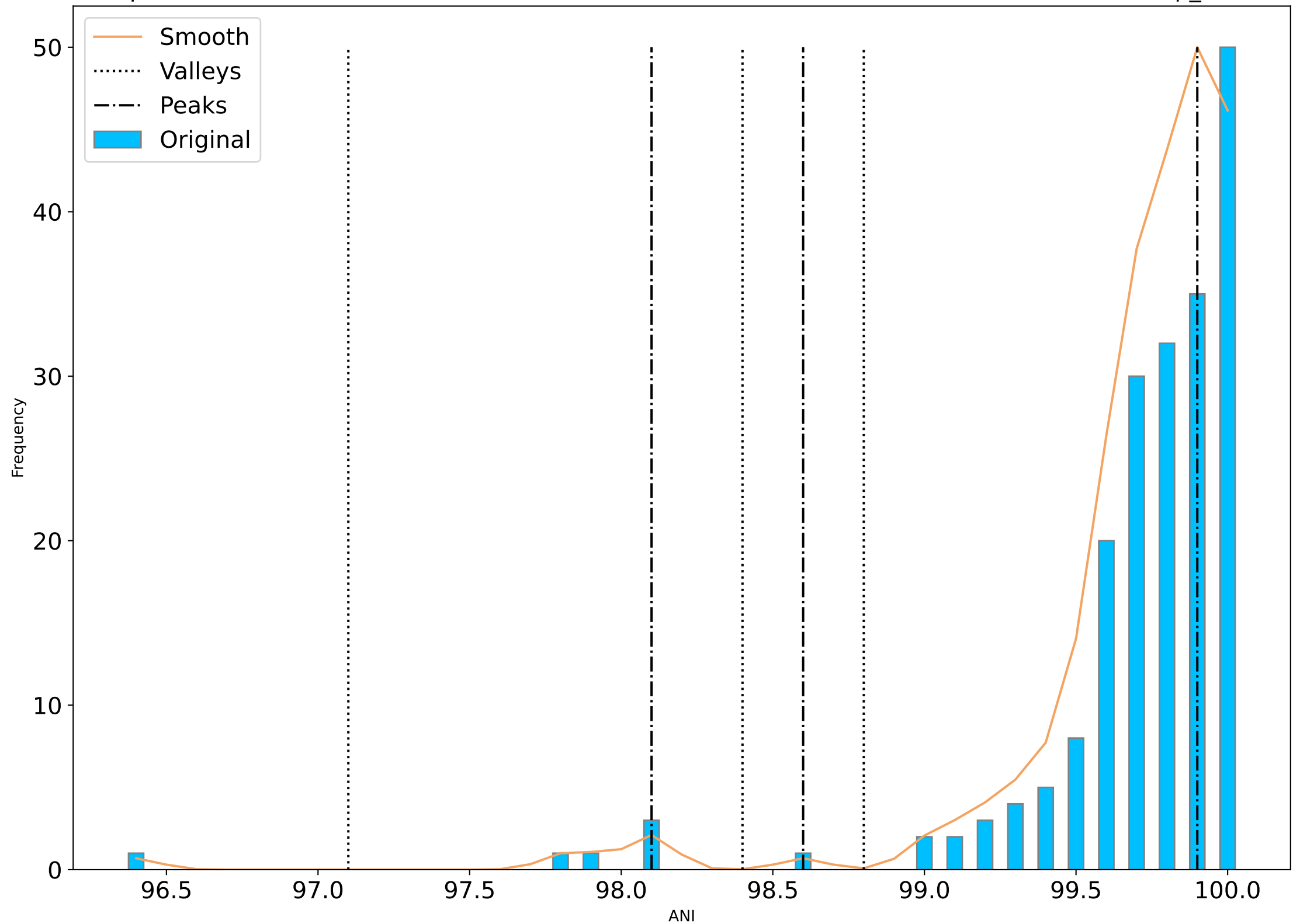


Species_619

Group 2

Norm_test 2.671014688235274e-44

Dip_test 0.0

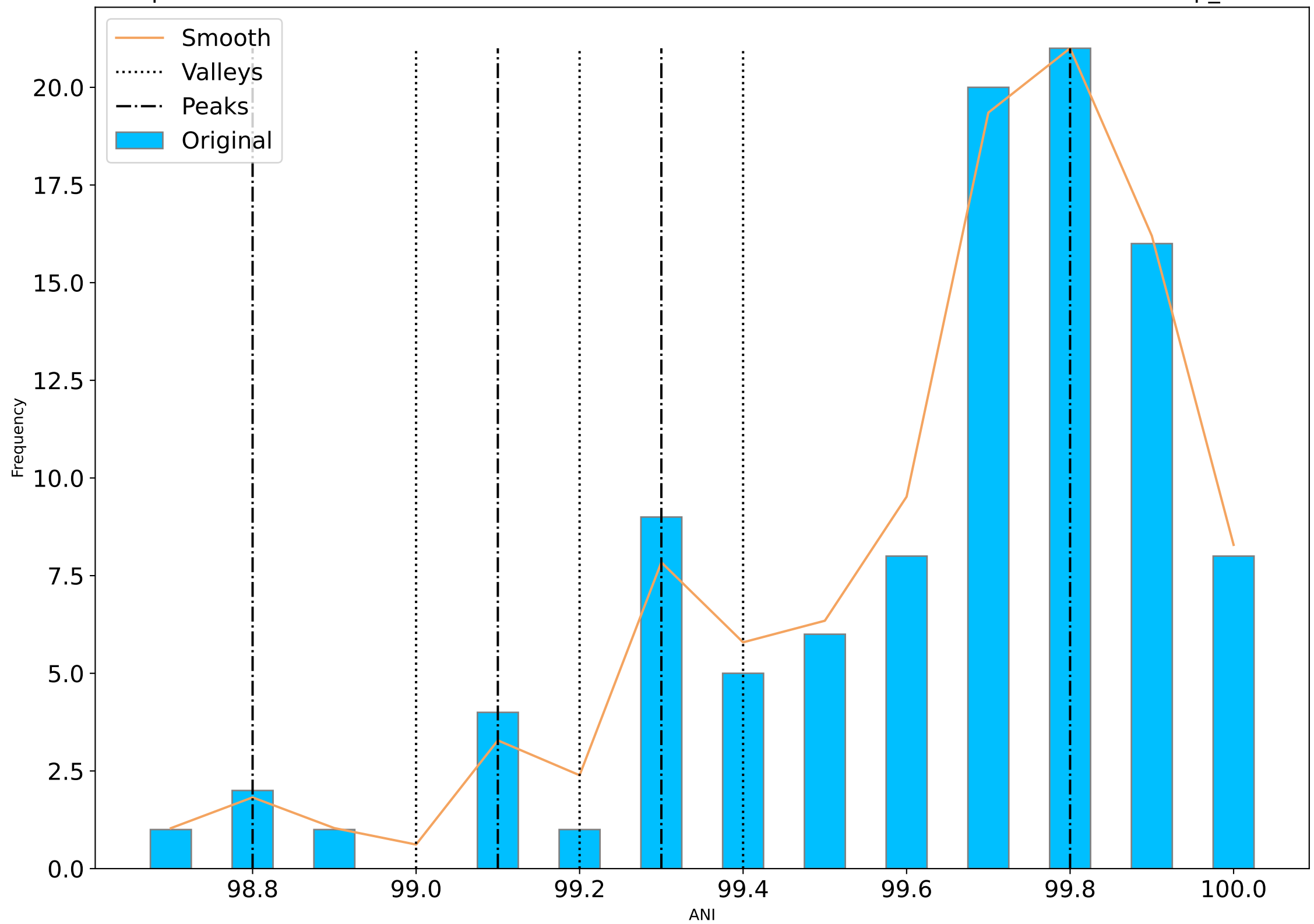


Species_624

Norm_test 3.1570095242764816e-06

Group 2

Dip_test 0.0

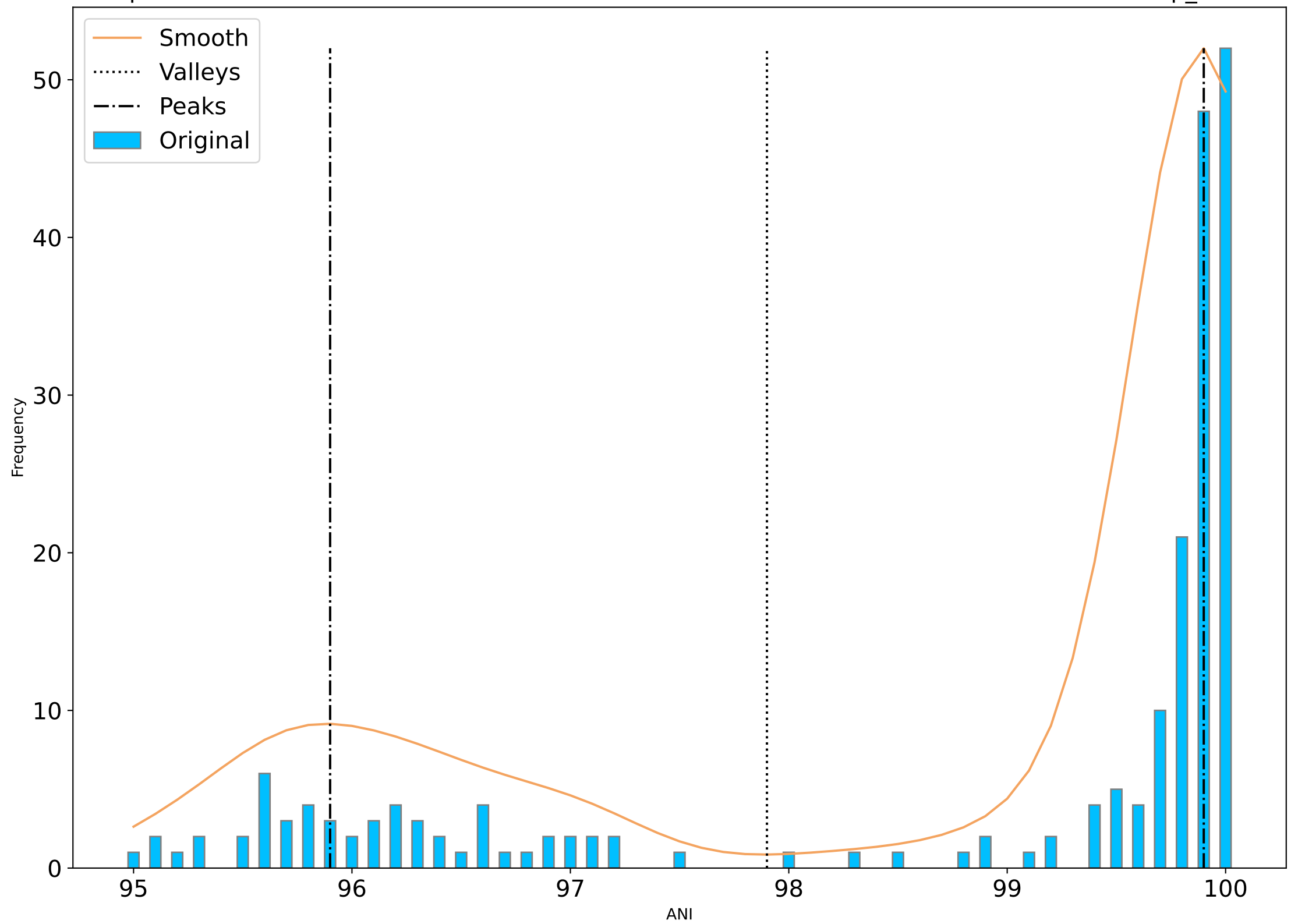


Species_626

Group 3

Norm_test 2.2240002730405705e-08

Dip_test 0.0

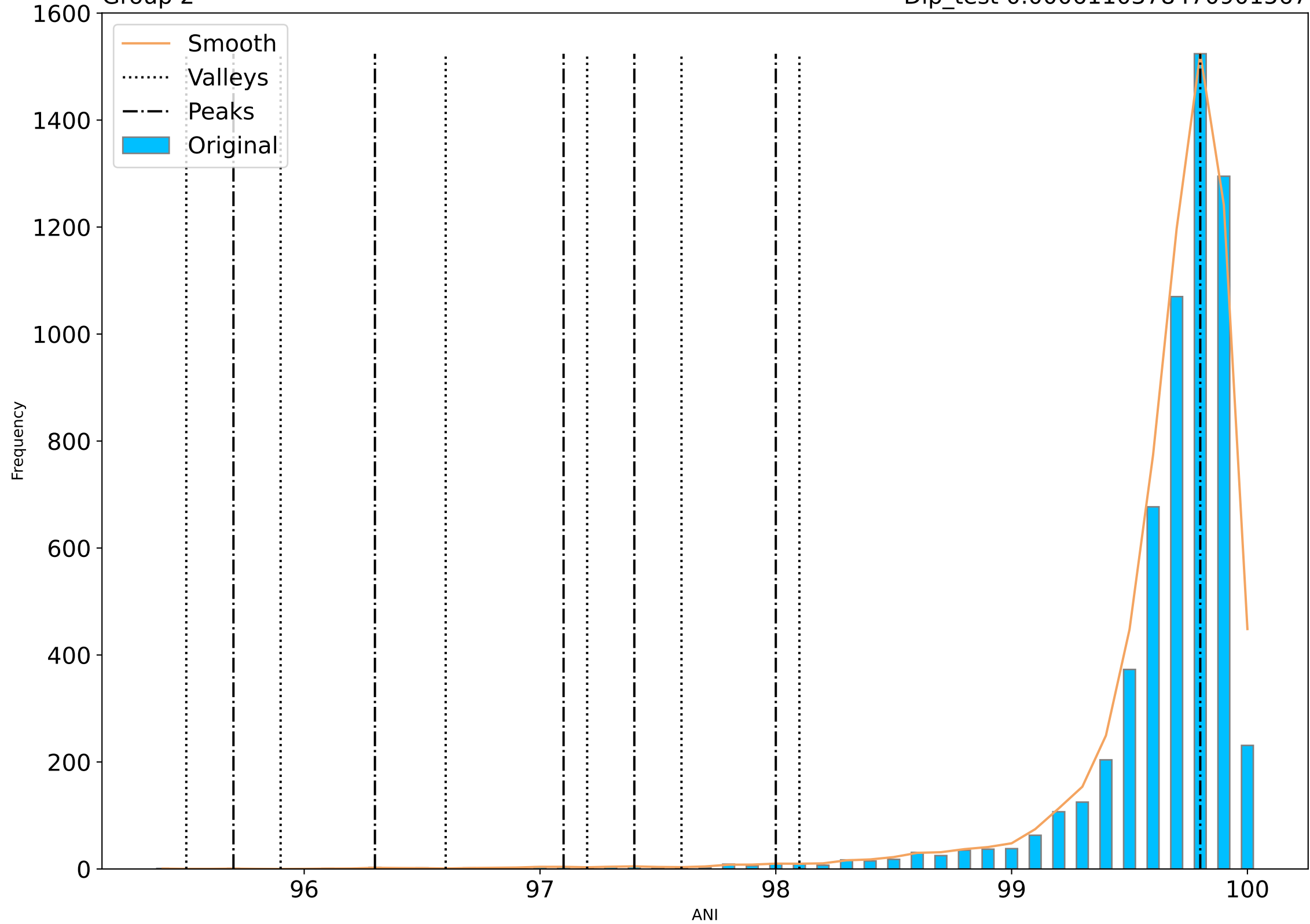


Species_628

Group 2

Norm_test 0.0

Dip_test 0.0006110378470901567

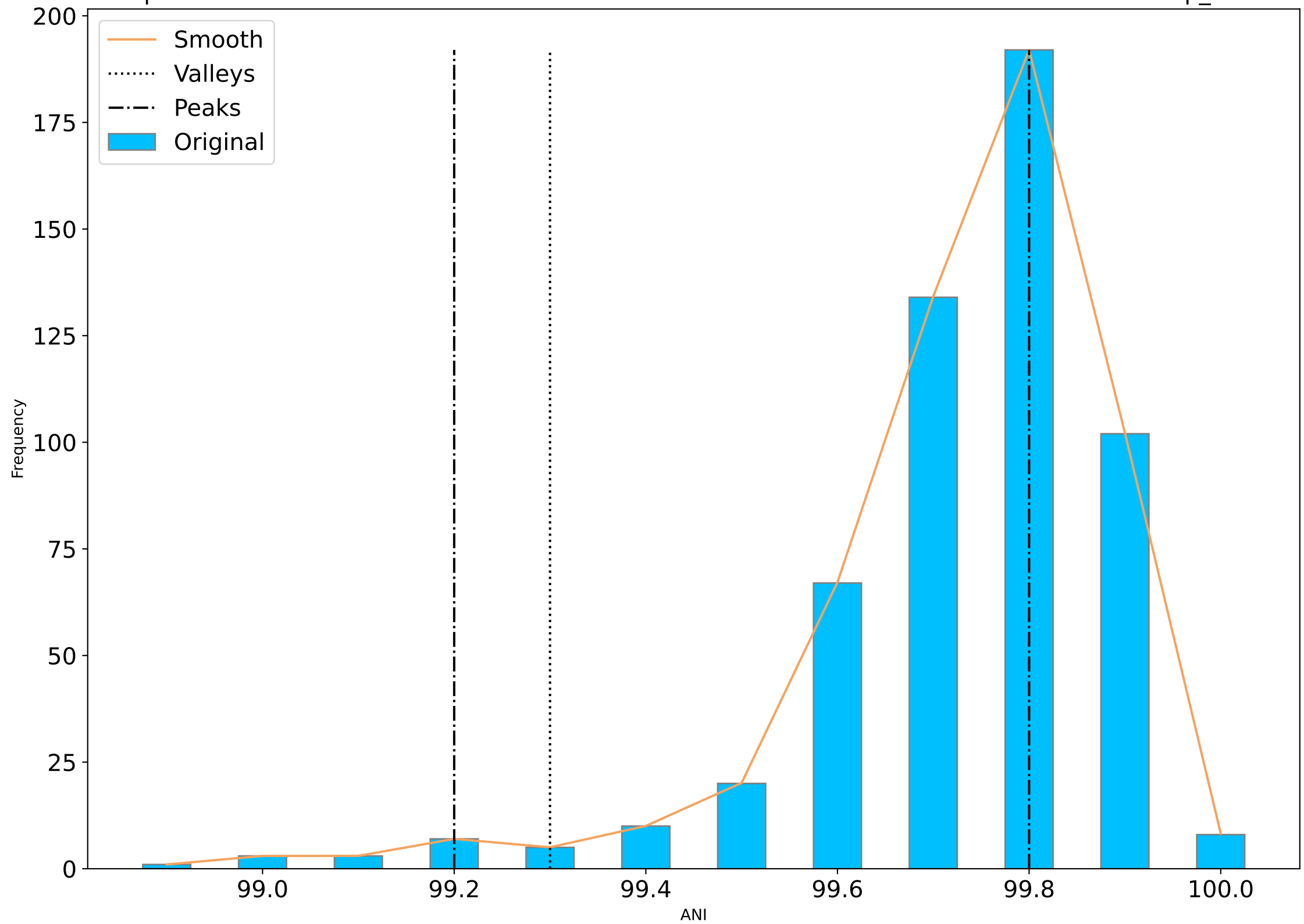


Species_631

Group 2

Norm_test 4.651783508153524e-49

Dip_test 0.0

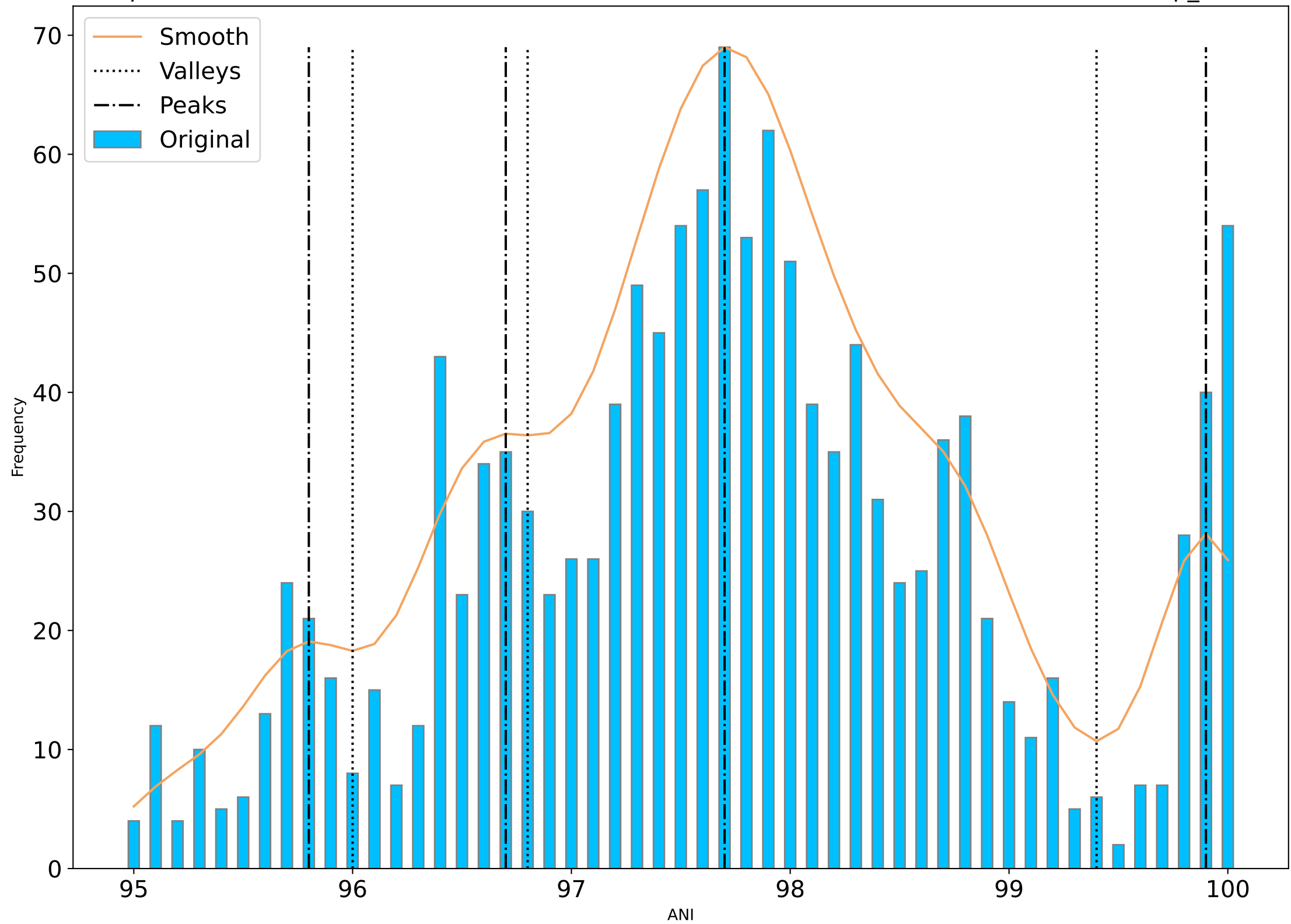


Species_633

Group 1

Norm_test 0.001964473857175556

Dip_test 0.0

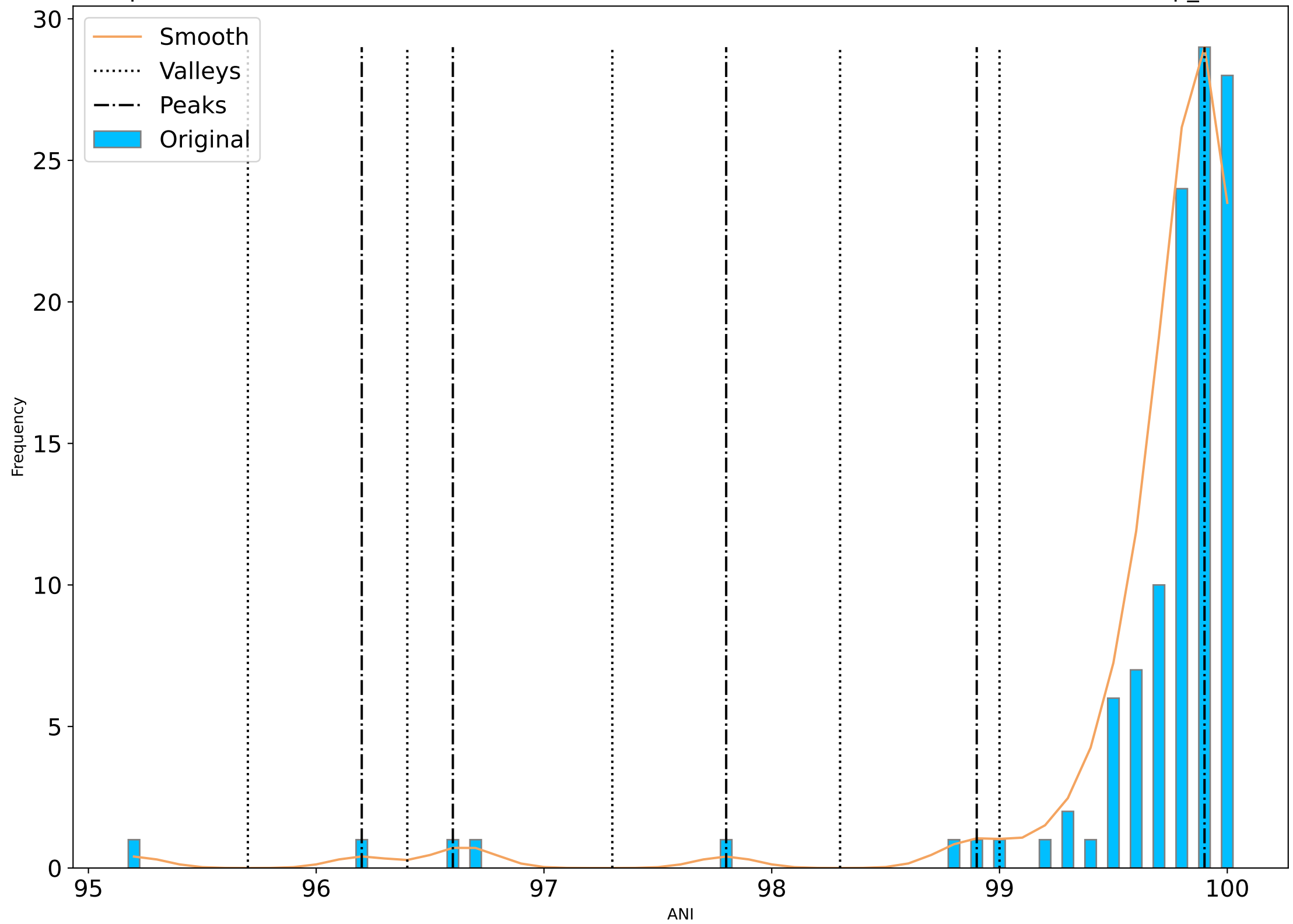


Species_639

Group 2

Norm_test 5.32460985425272e-30

Dip_test 0.0

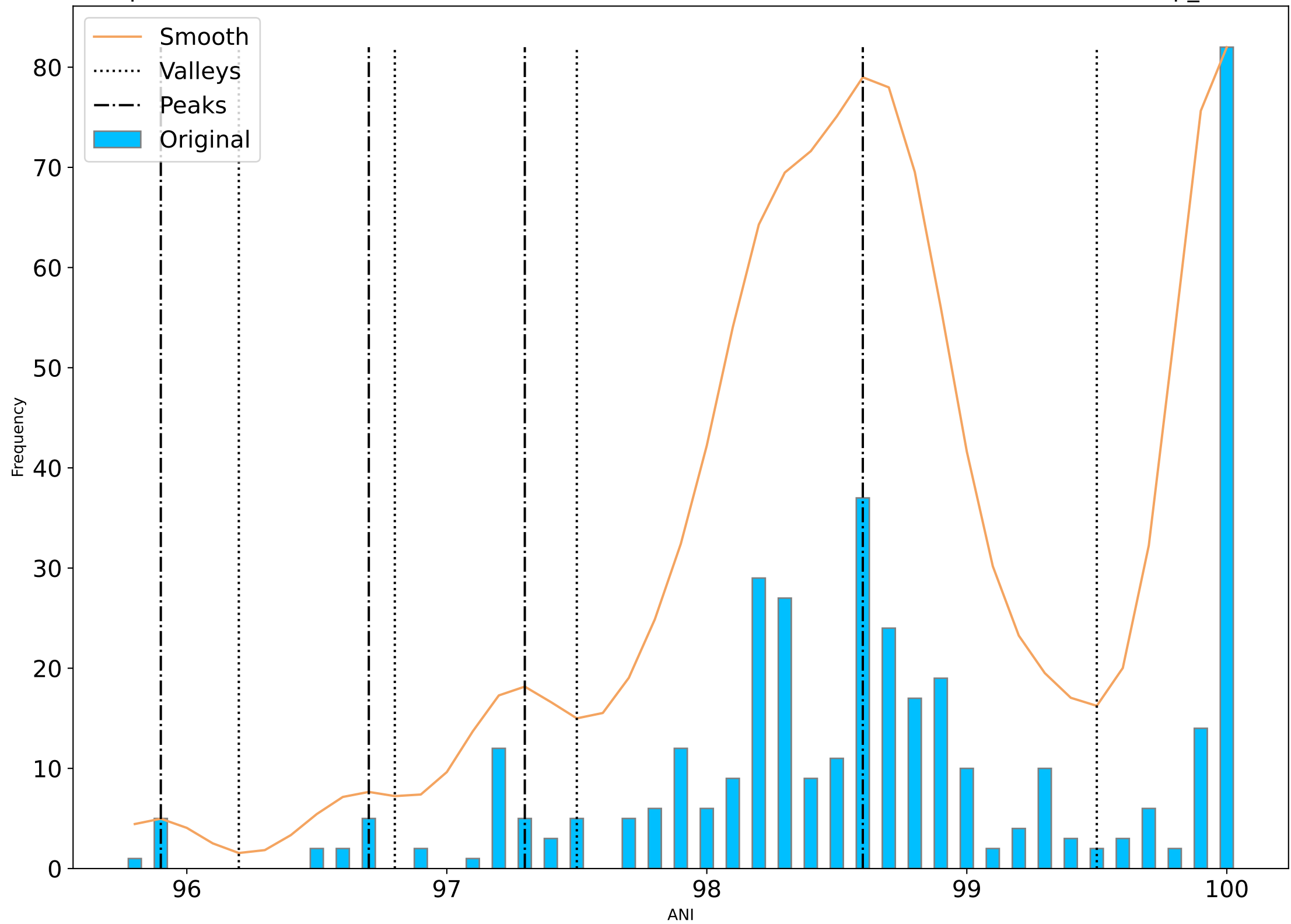


Species_641

Group 1

Norm_test 0.0020641369150870862

Dip_test 0.0

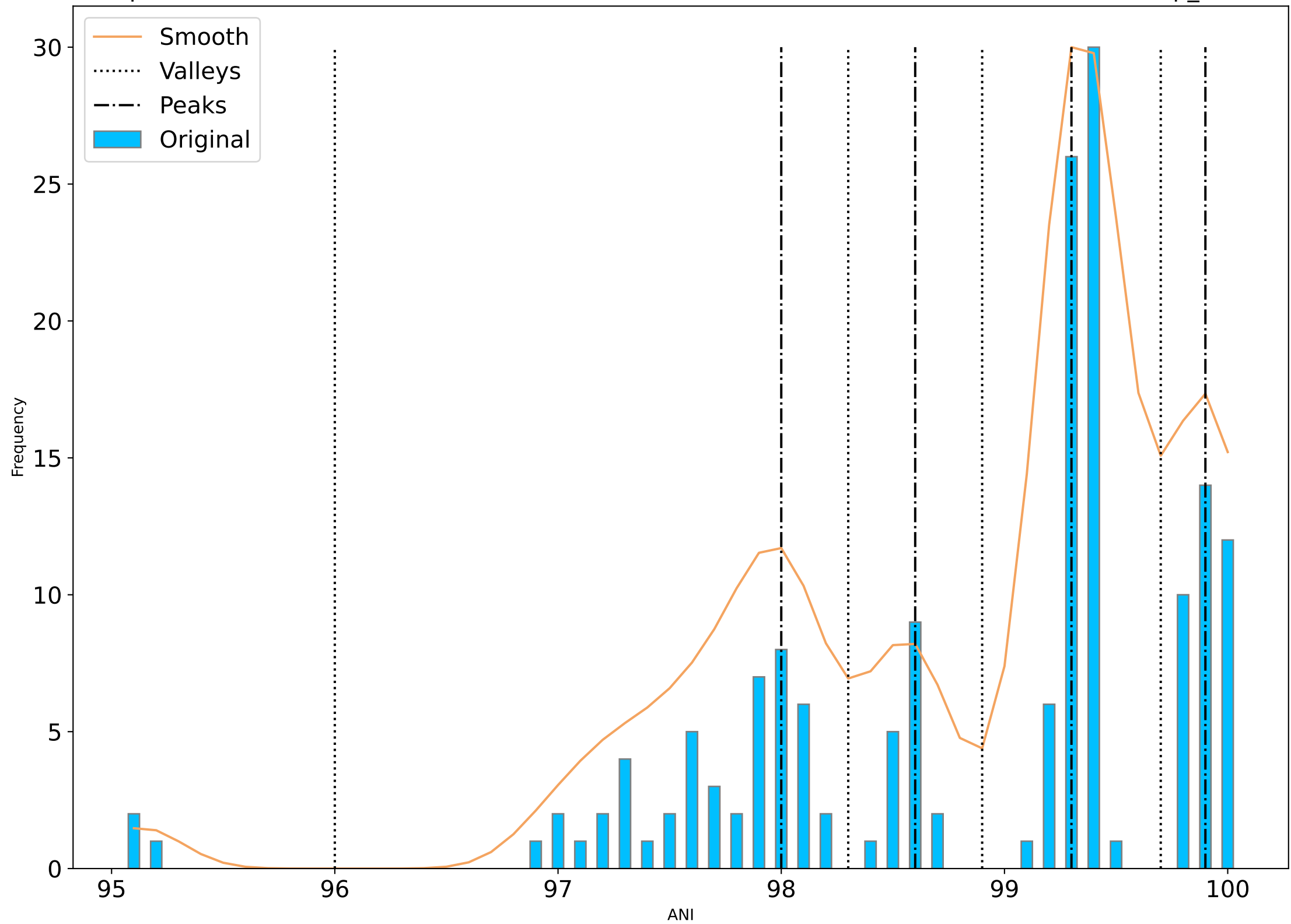


Species_645

Group 1

Norm_test 4.335539851058212e-09

Dip_test 0.0

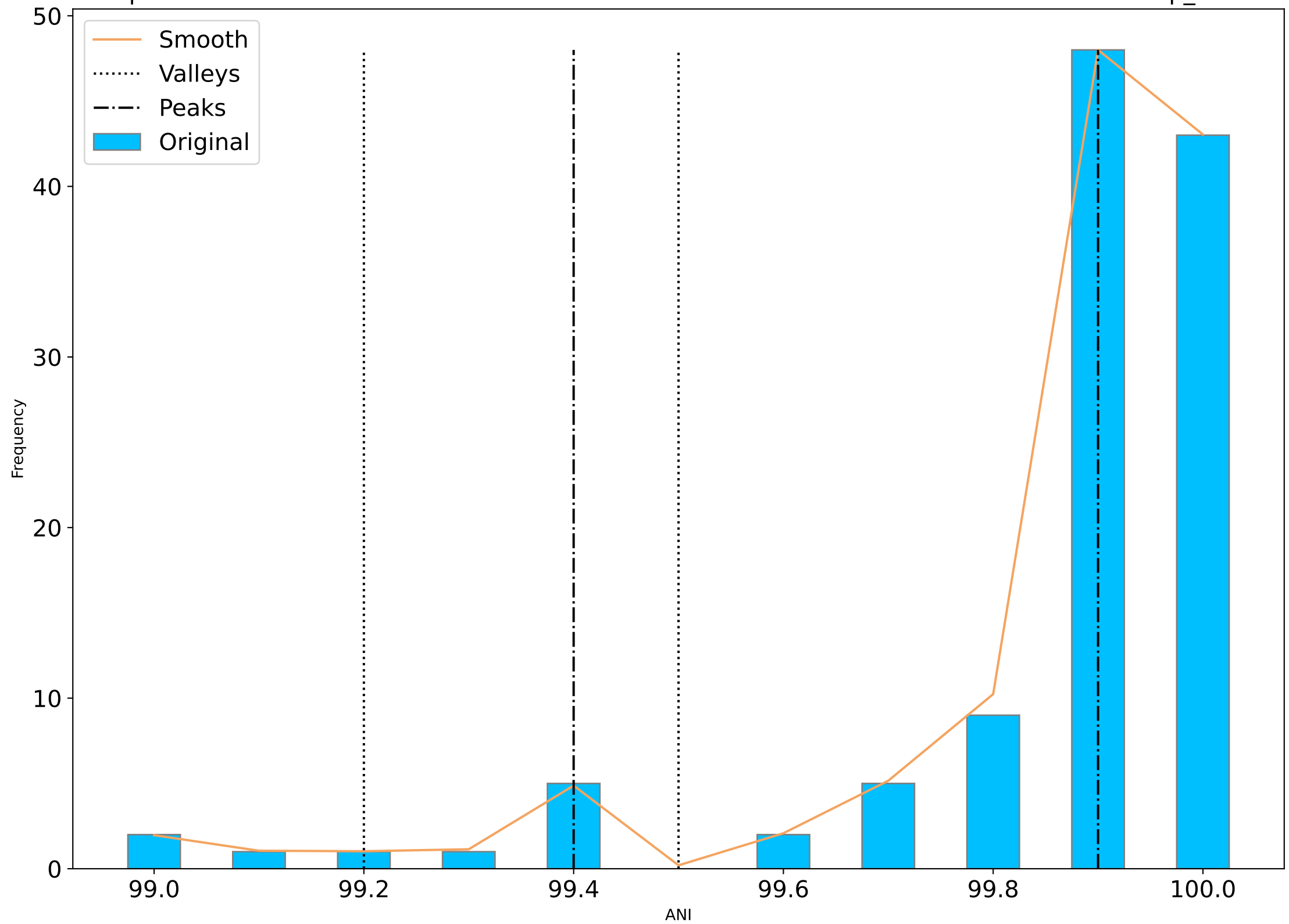


Species_649

Group 2

Norm_test 3.0469432231491697e-18

Dip_test 0.0

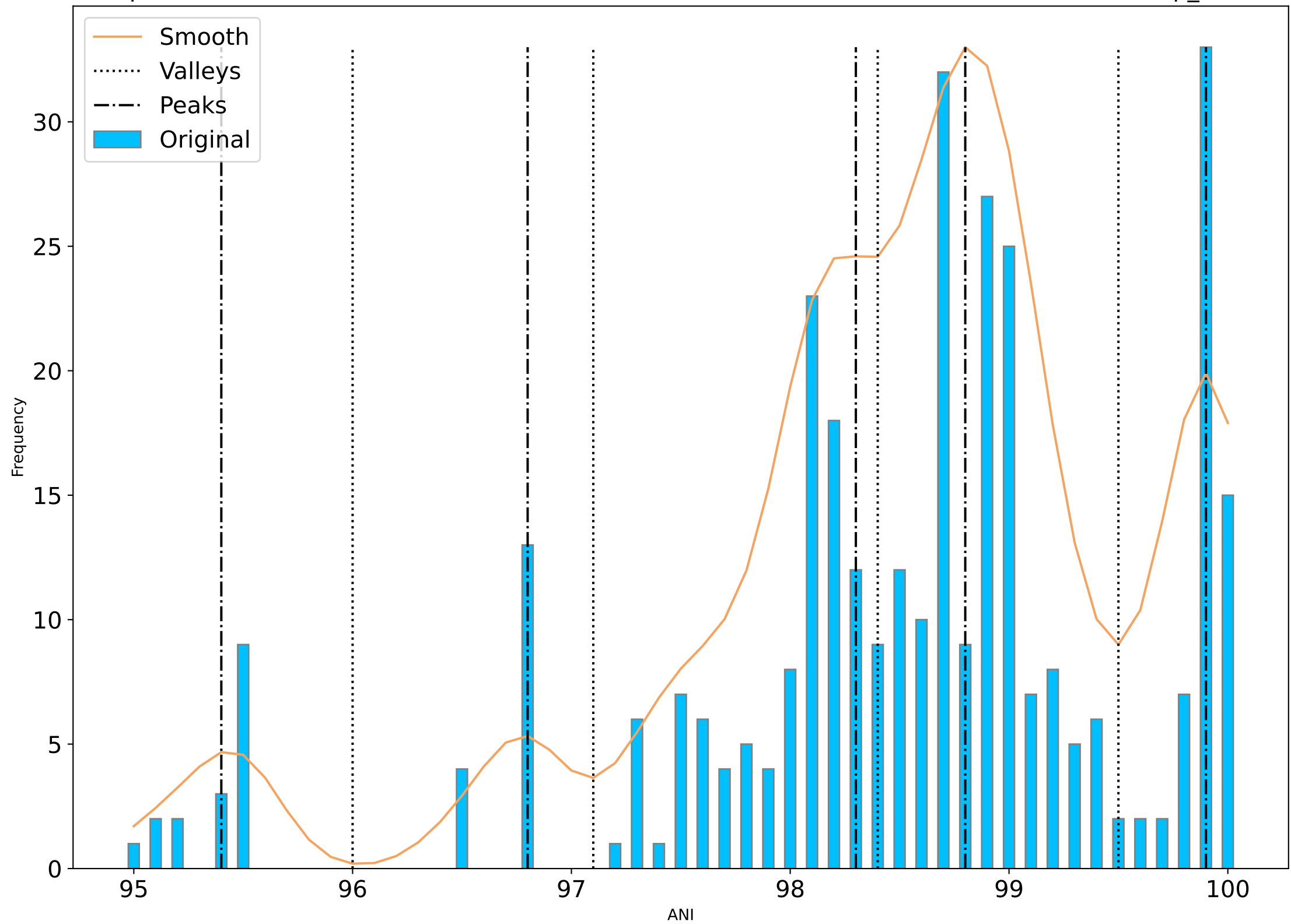


Species_650

Group 1

Norm_test 6.230504347513596e-14

Dip_test 0.0

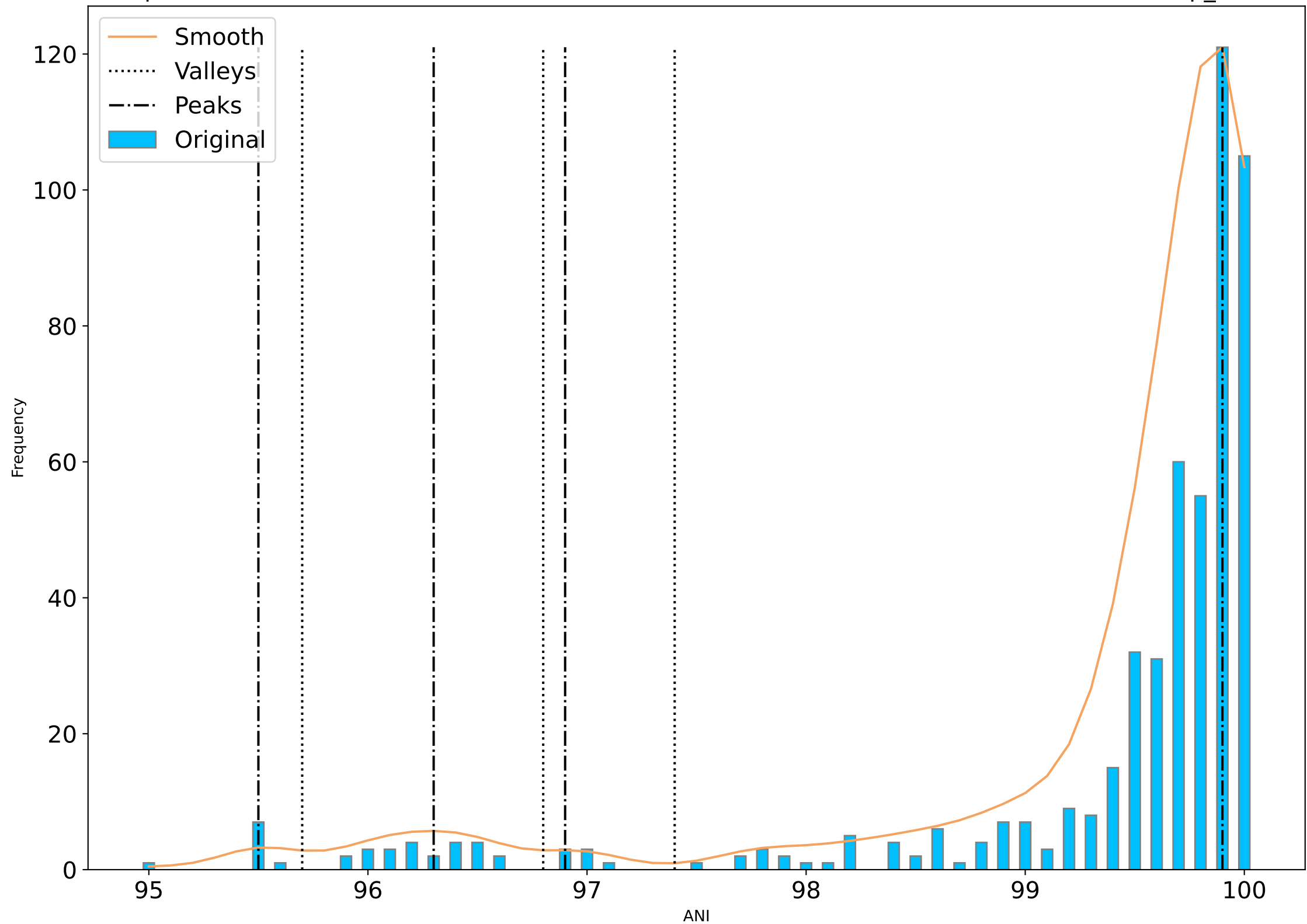


Species_651

Group 3

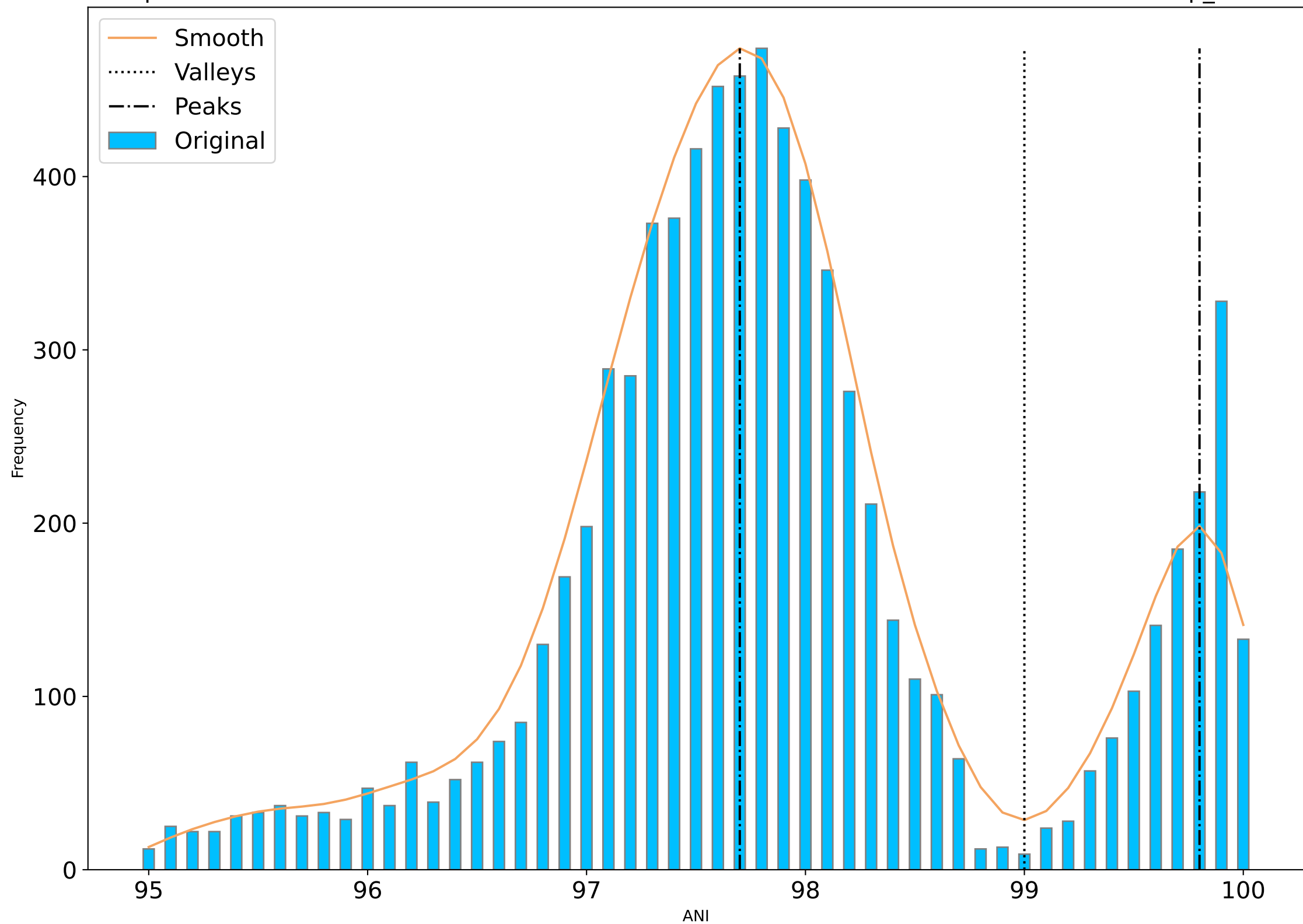
Norm_test 1.1672758020272836e-61

Dip_test 0.0



Species_653
Group 1

Norm_test 1.3193737629644718e-22
Dip_test 0.0

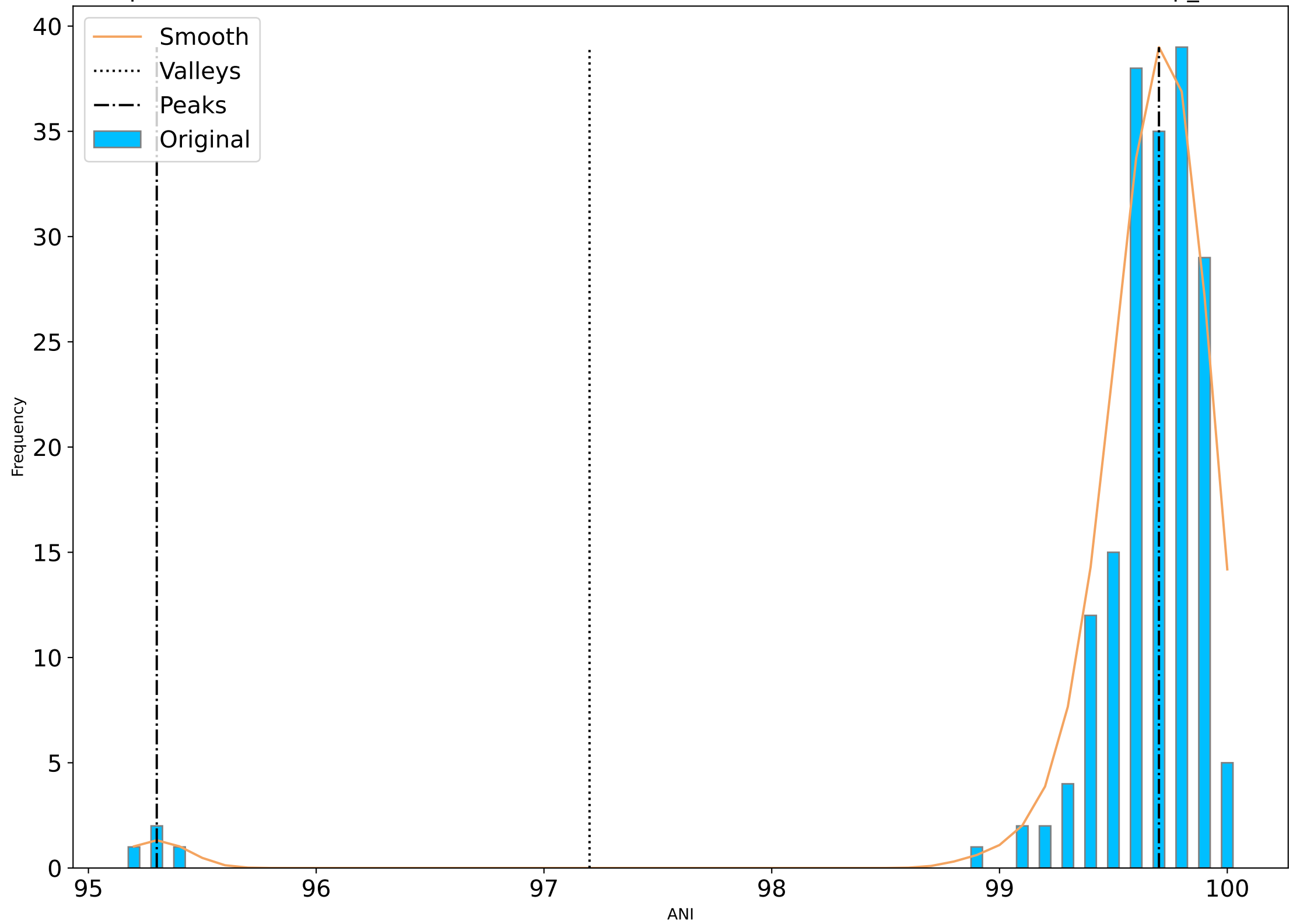


Species_655

Group 2

Norm_test 2.0644002119904724e-54

Dip_test 0.0

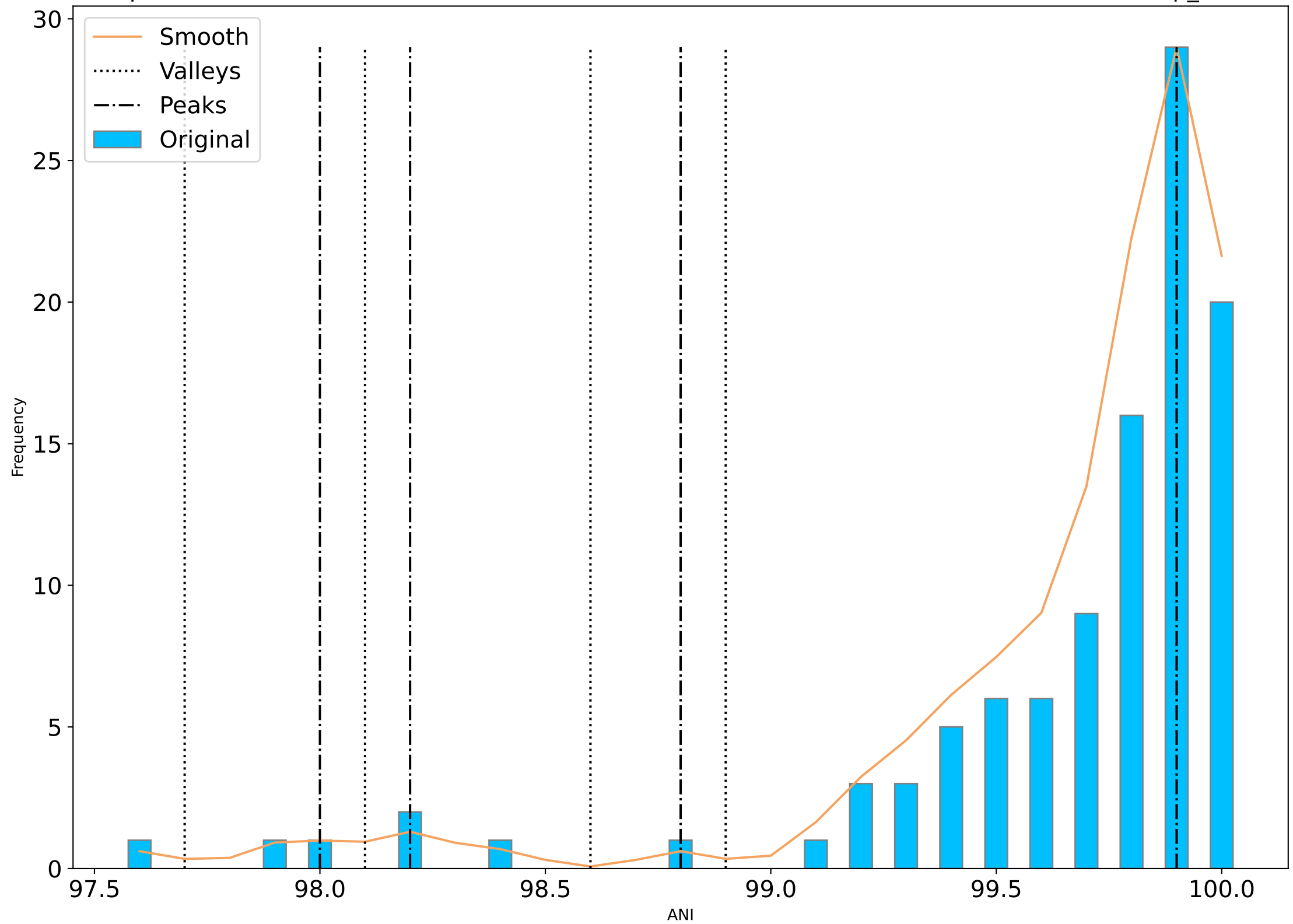


Species_656

Group 2

Norm_test 4.397148499569732e-17

Dip_test 0.0

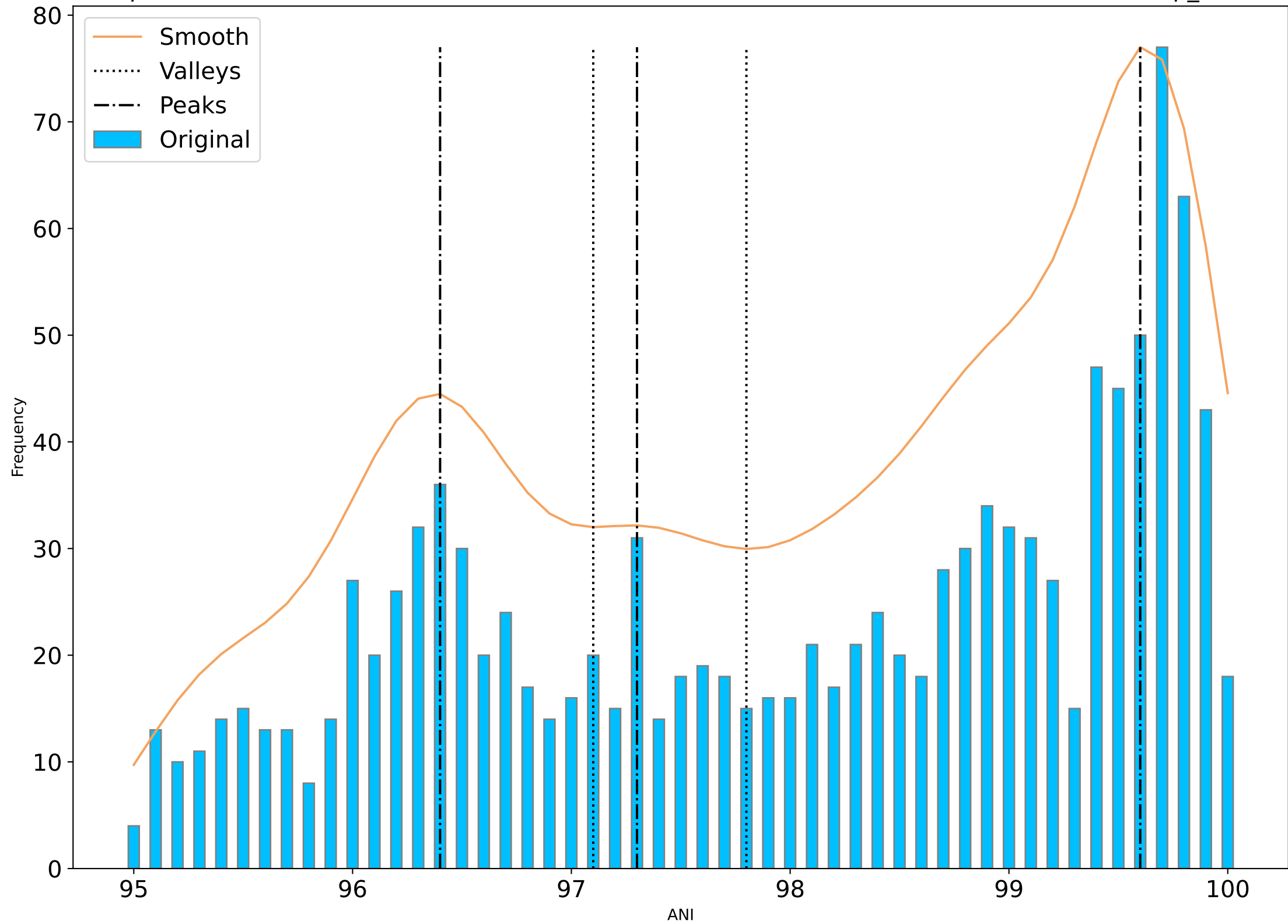


Species_658

Group 3

Norm_test 1.6785998047479827e-297

Dip_test 0.0

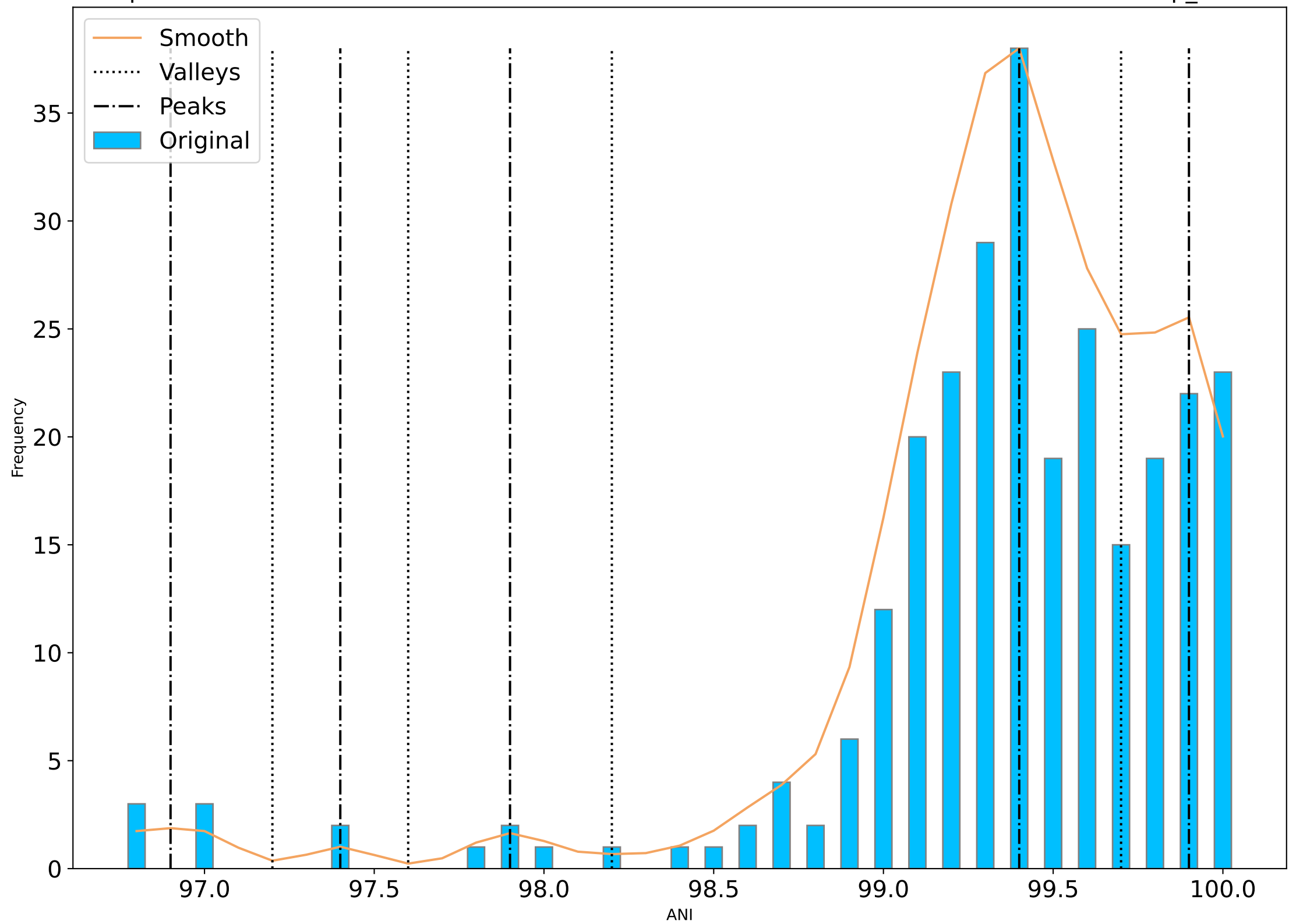


Species_659

Group 4

Norm_test 1.164746168722915e-33

Dip_test 0.0

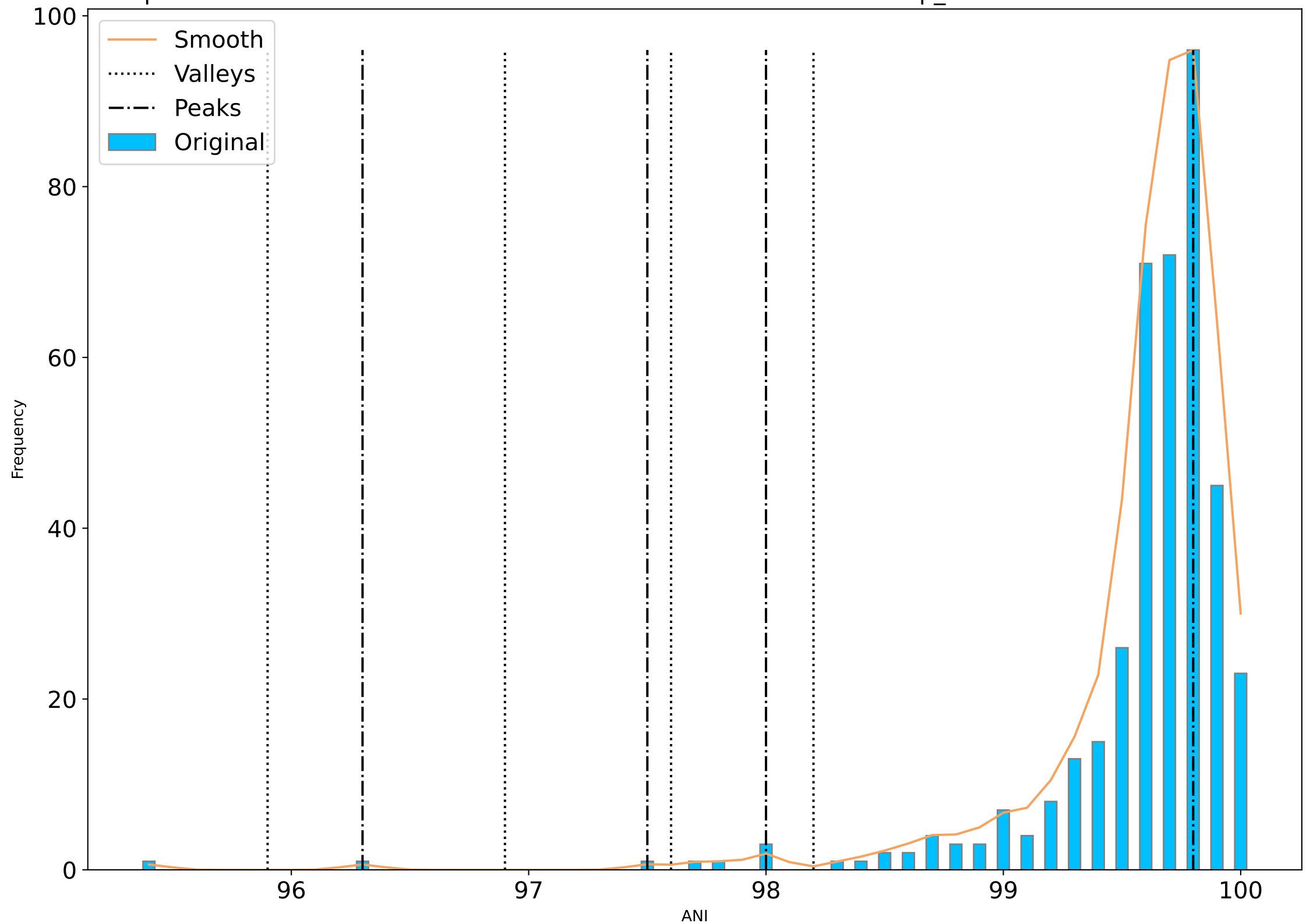


Species_660

Group 2

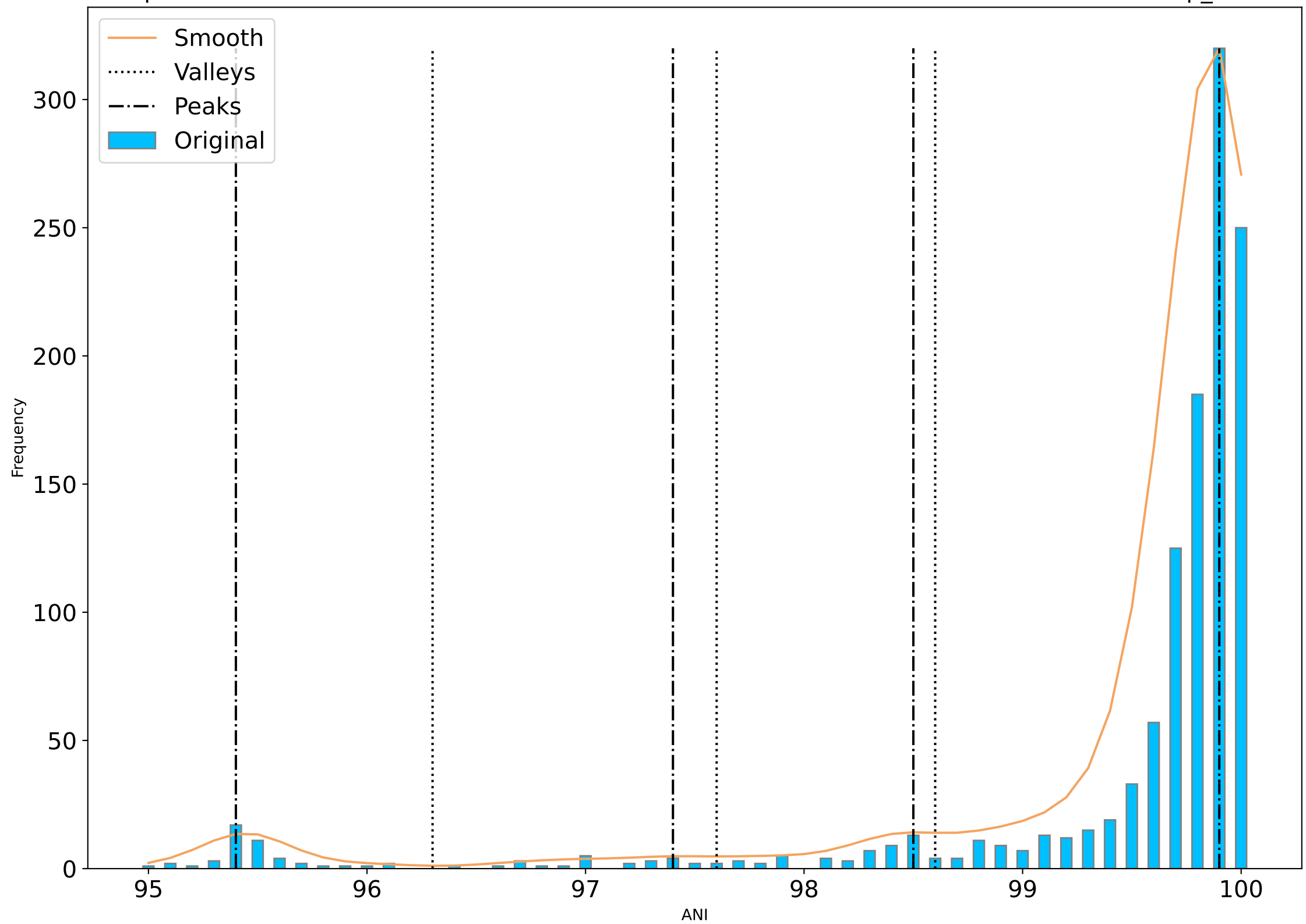
Norm_test 3.045638112012941e-88

Dip_test 0.0022023170564096084



Species_662
Group 2

Norm_test 2.390938361693762e-170
Dip_test 0.0

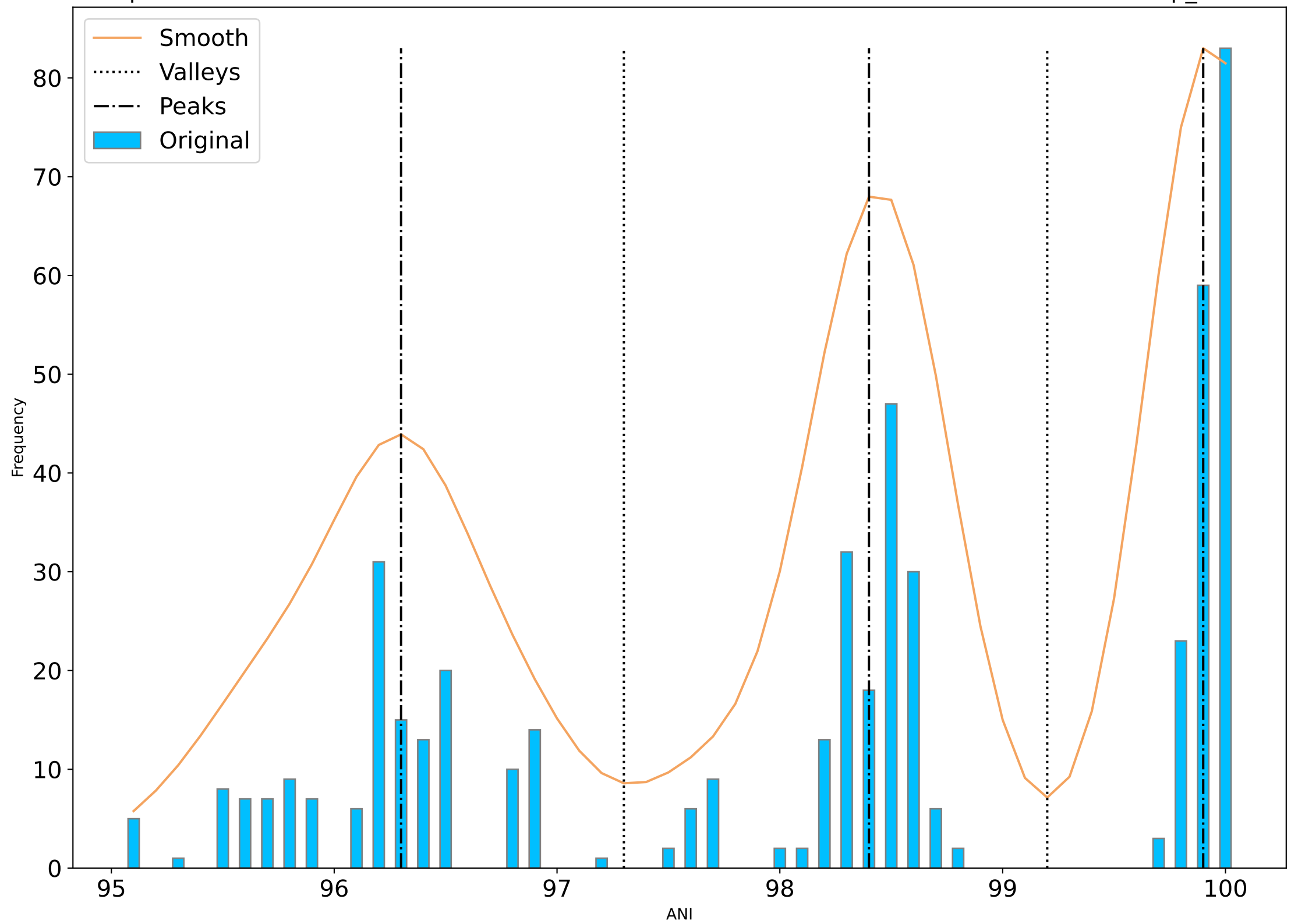


Species_667

Group 1

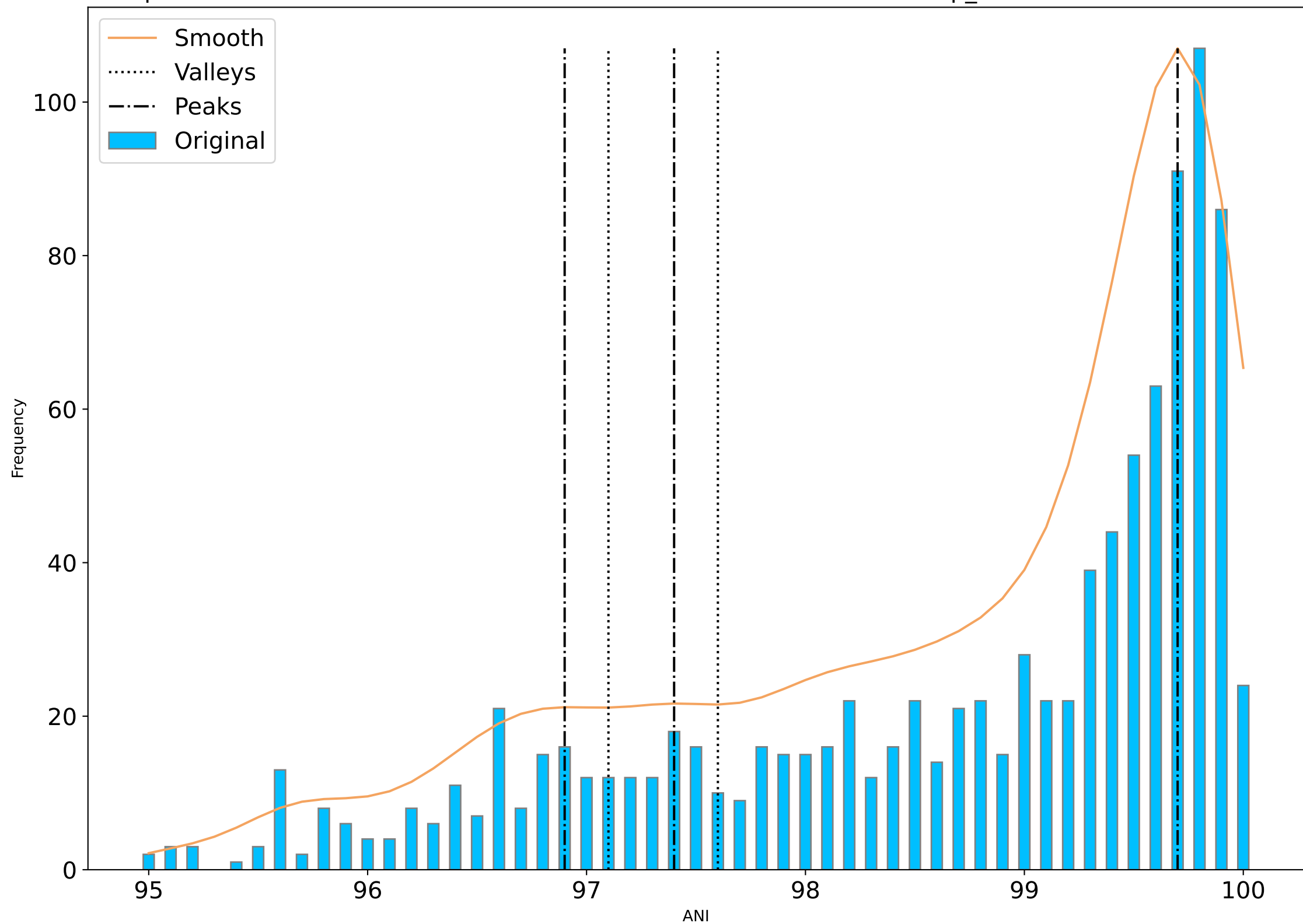
Norm_test 2.9570417786319008e-108

Dip_test 0.0



Species_672
Group 3

Norm_test 1.3656390777620622e-26
Dip_test 0.35049743038977466

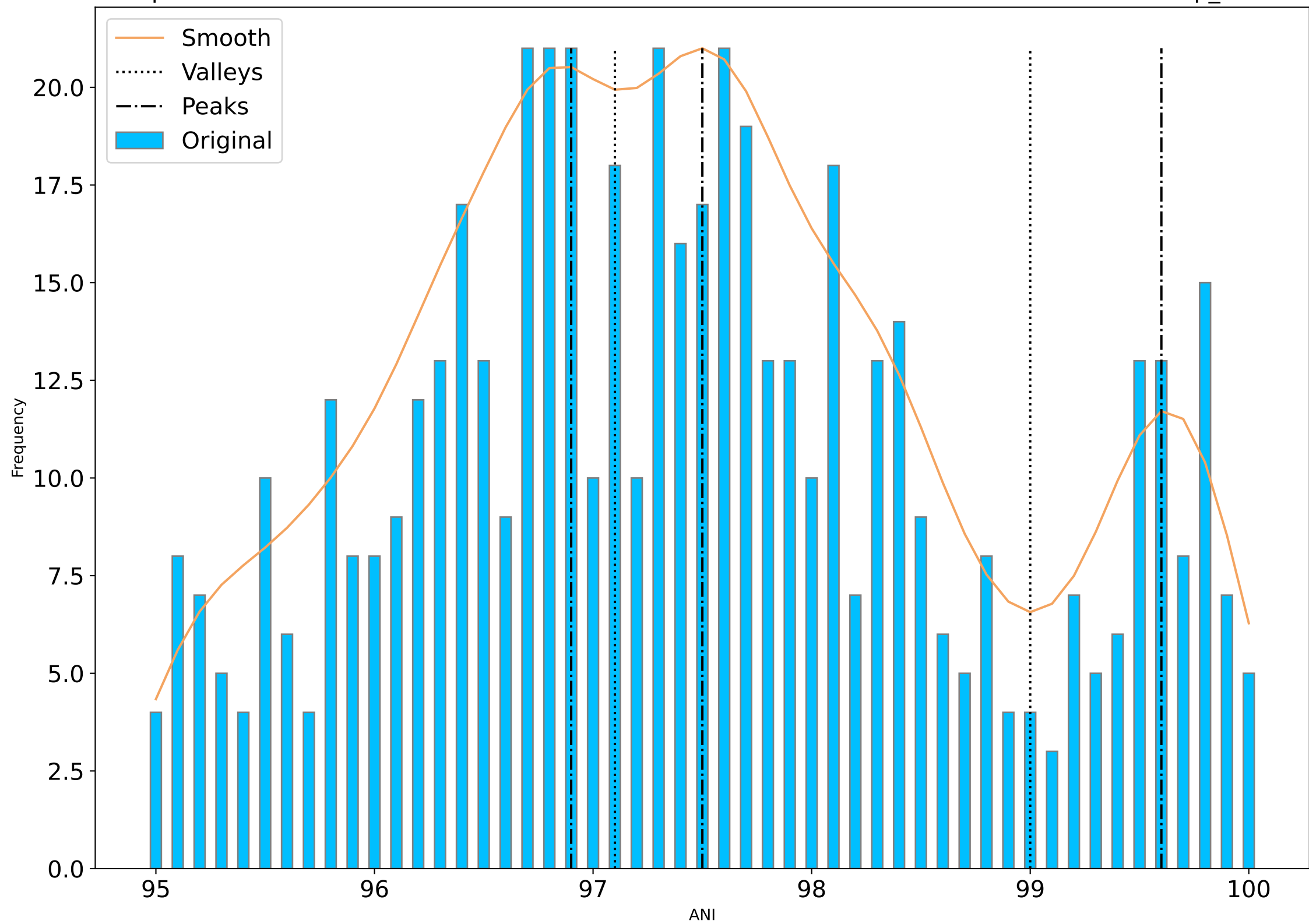


Species_678

Group 1

Norm_test 1.1849913671039433e-07

Dip_test 0.0

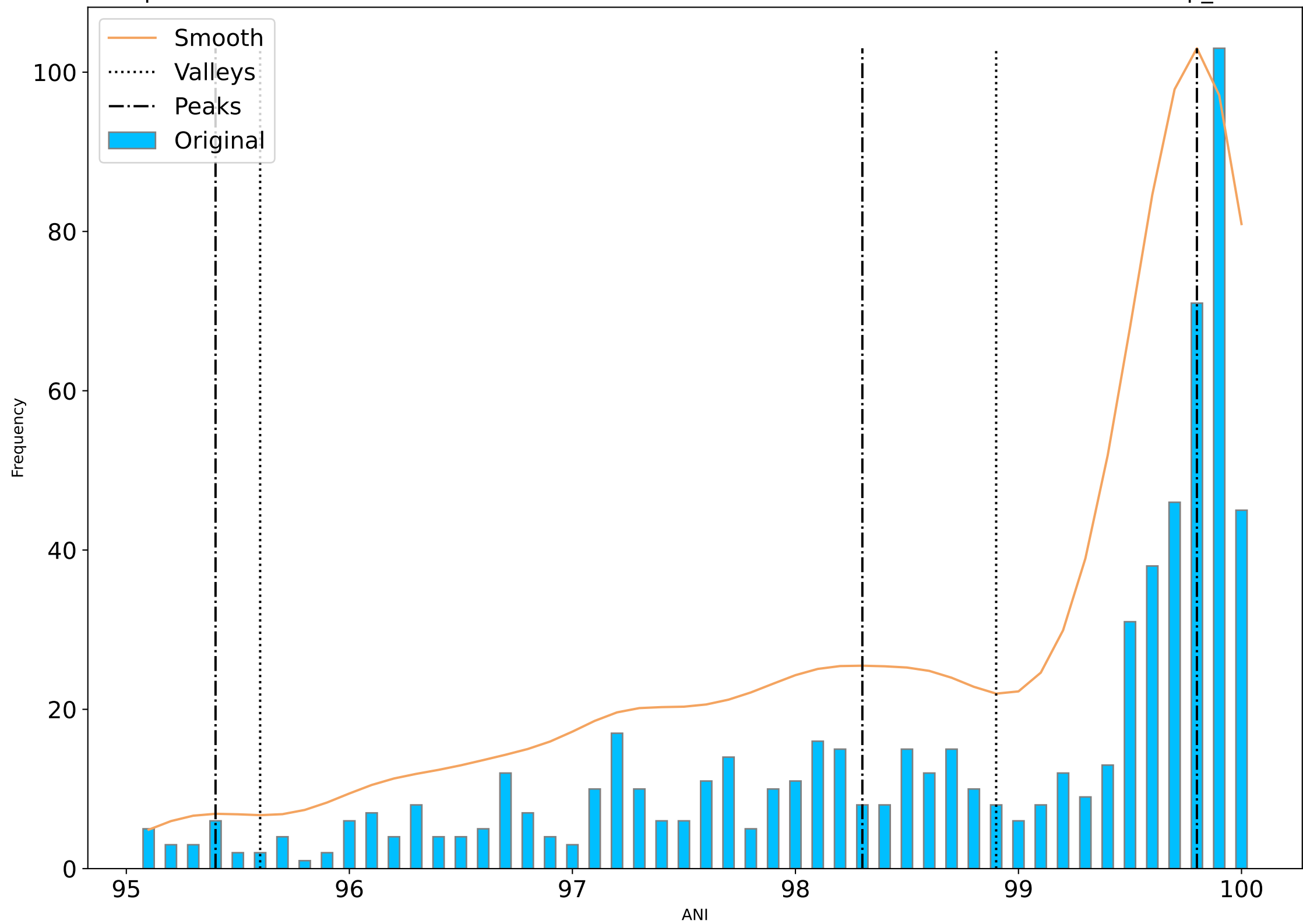


Species_681

Group 1

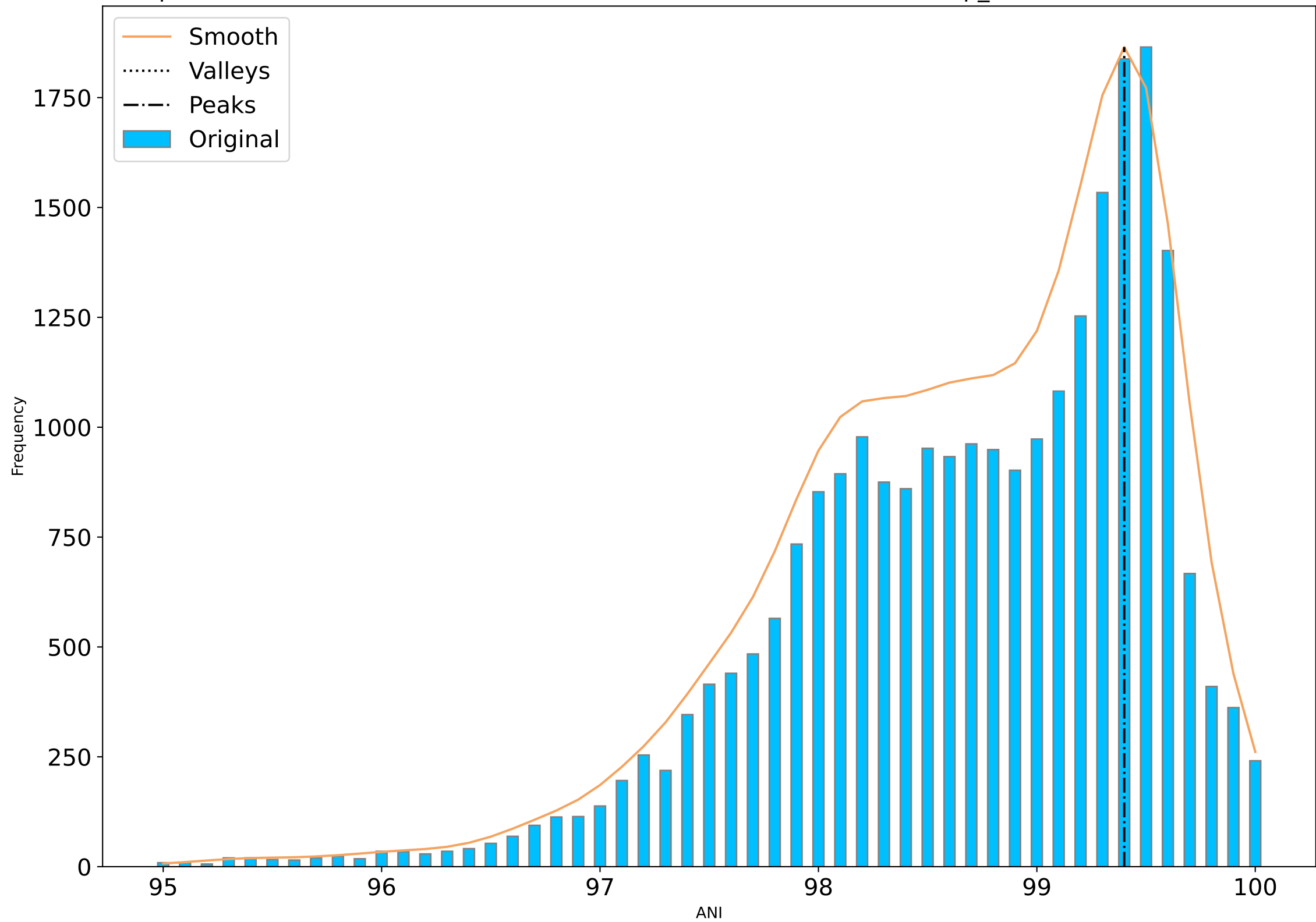
Norm_test 4.263760792033864e-18

Dip_test 0.0



Species_682
Group 4

Norm_test 0.0
Dip_test 0.41684282209178036

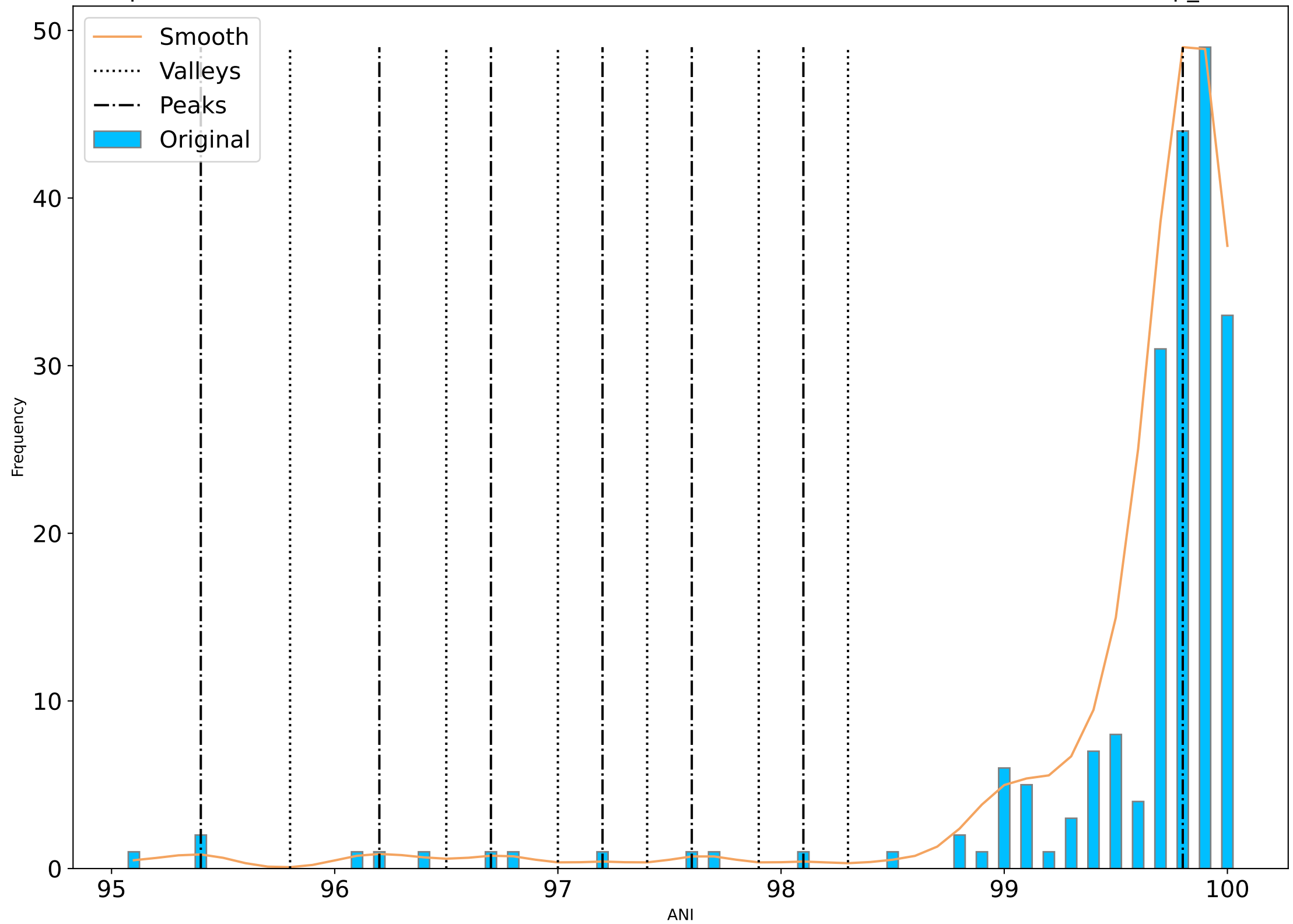


Species_683

Group 2

Norm_test 1.8855919213790743e-40

Dip_test 0.0

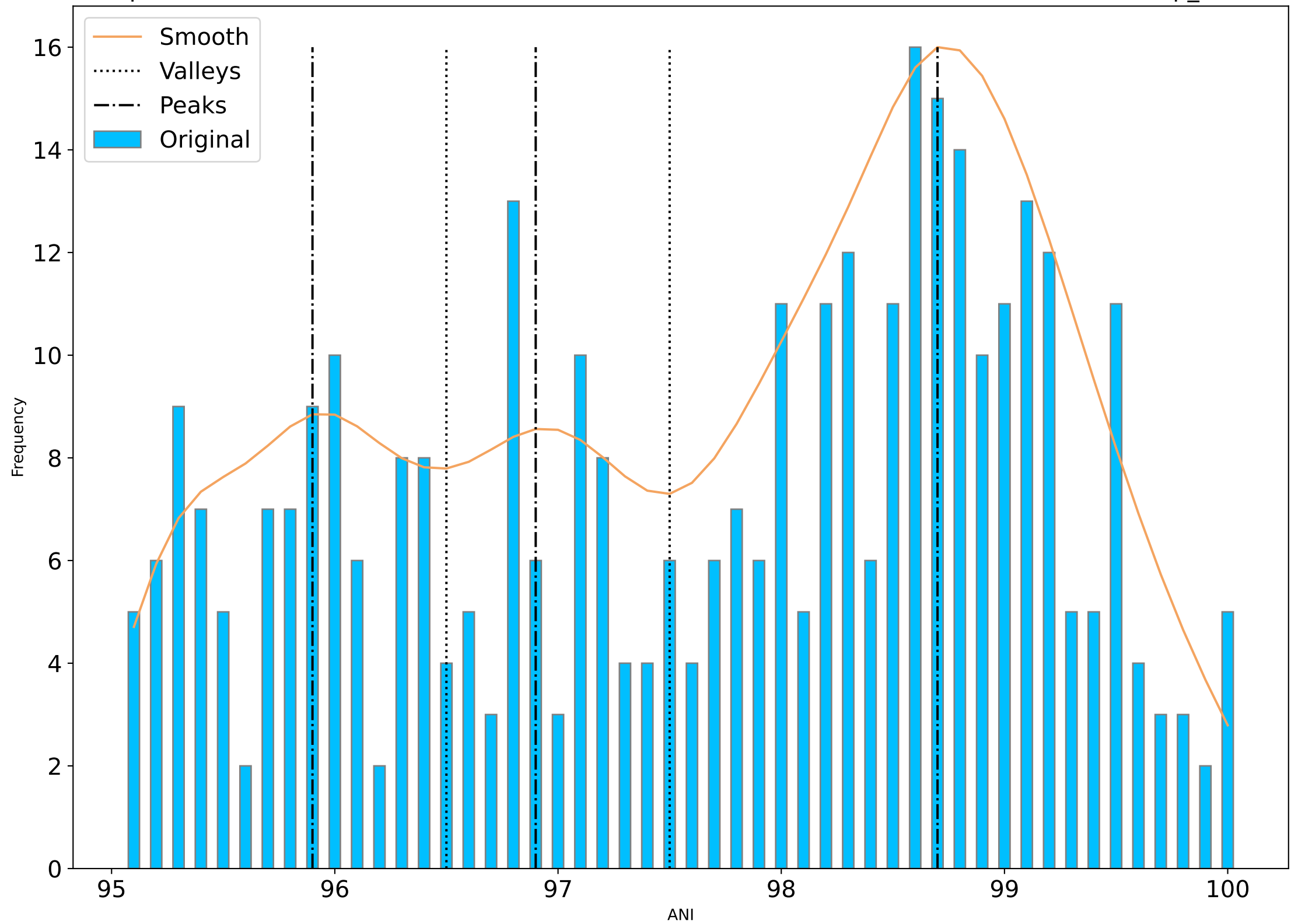


Species_686

Group 3

Norm_test 1.265364130804291e-34

Dip_test 0.0

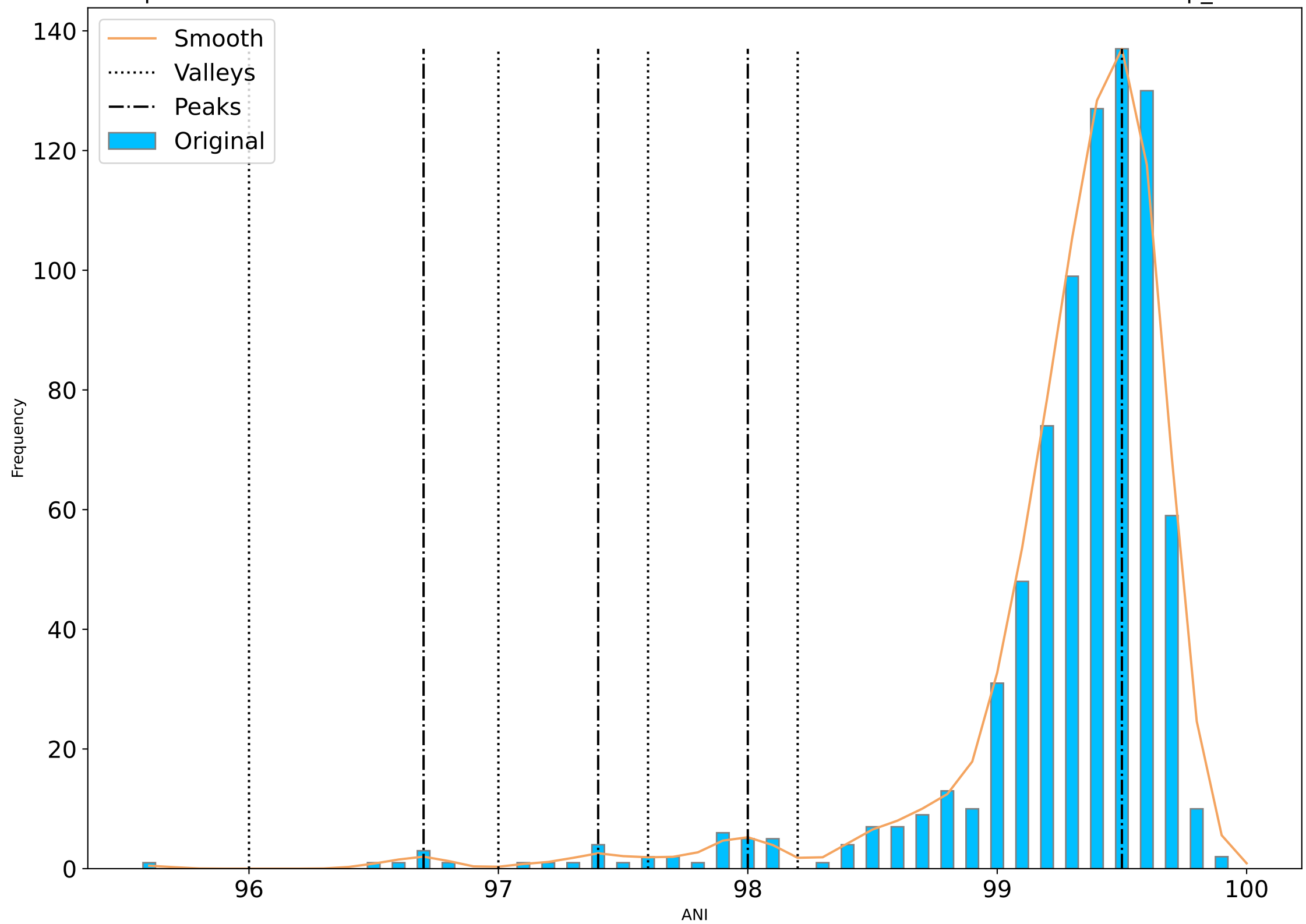


Species_692

Group 4

Norm_test 2.1667621678963567e-124

Dip_test 0.0

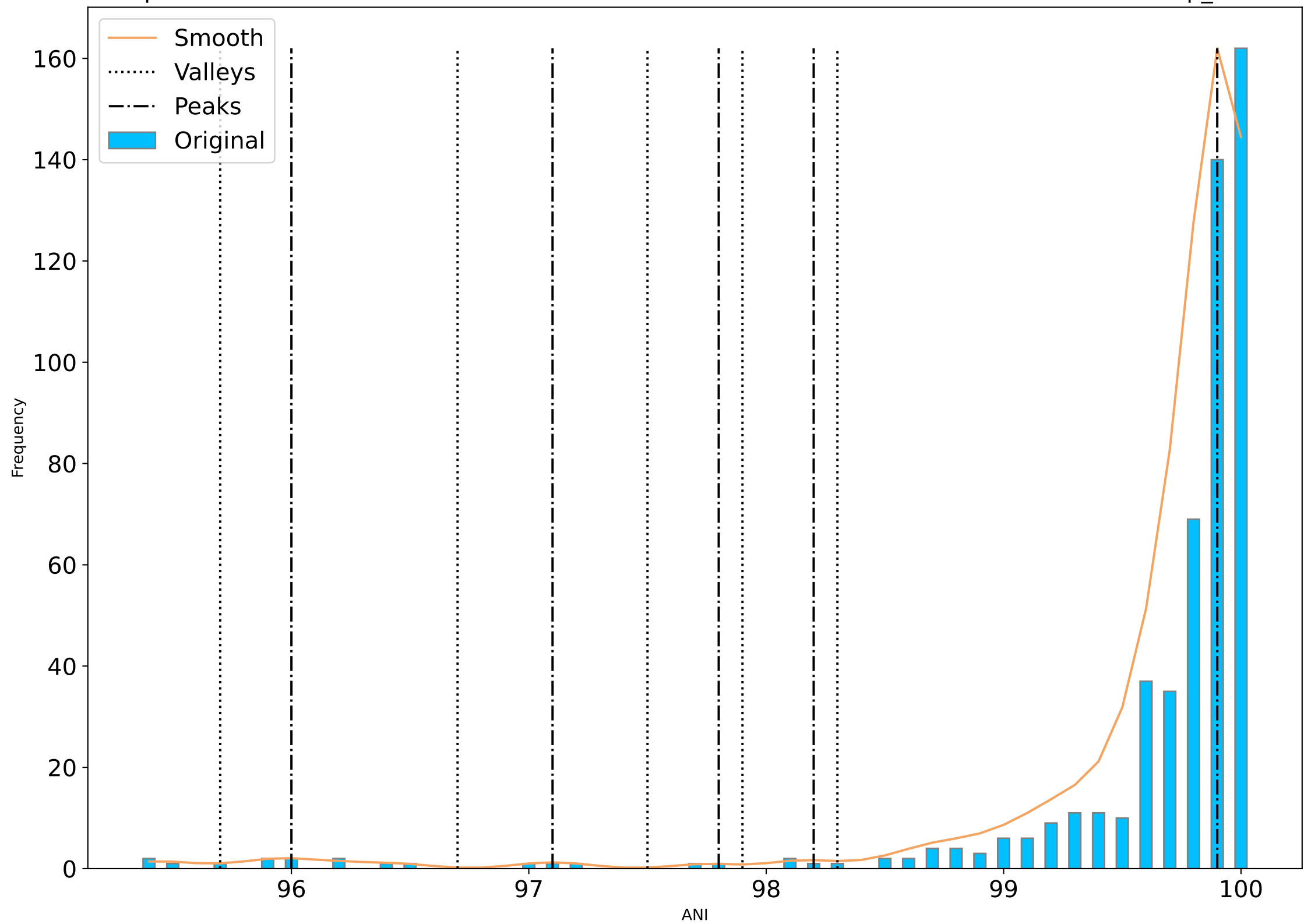


Species_693

Group 2

Norm_test 1.3556000739368759e-105

Dip_test 0.0

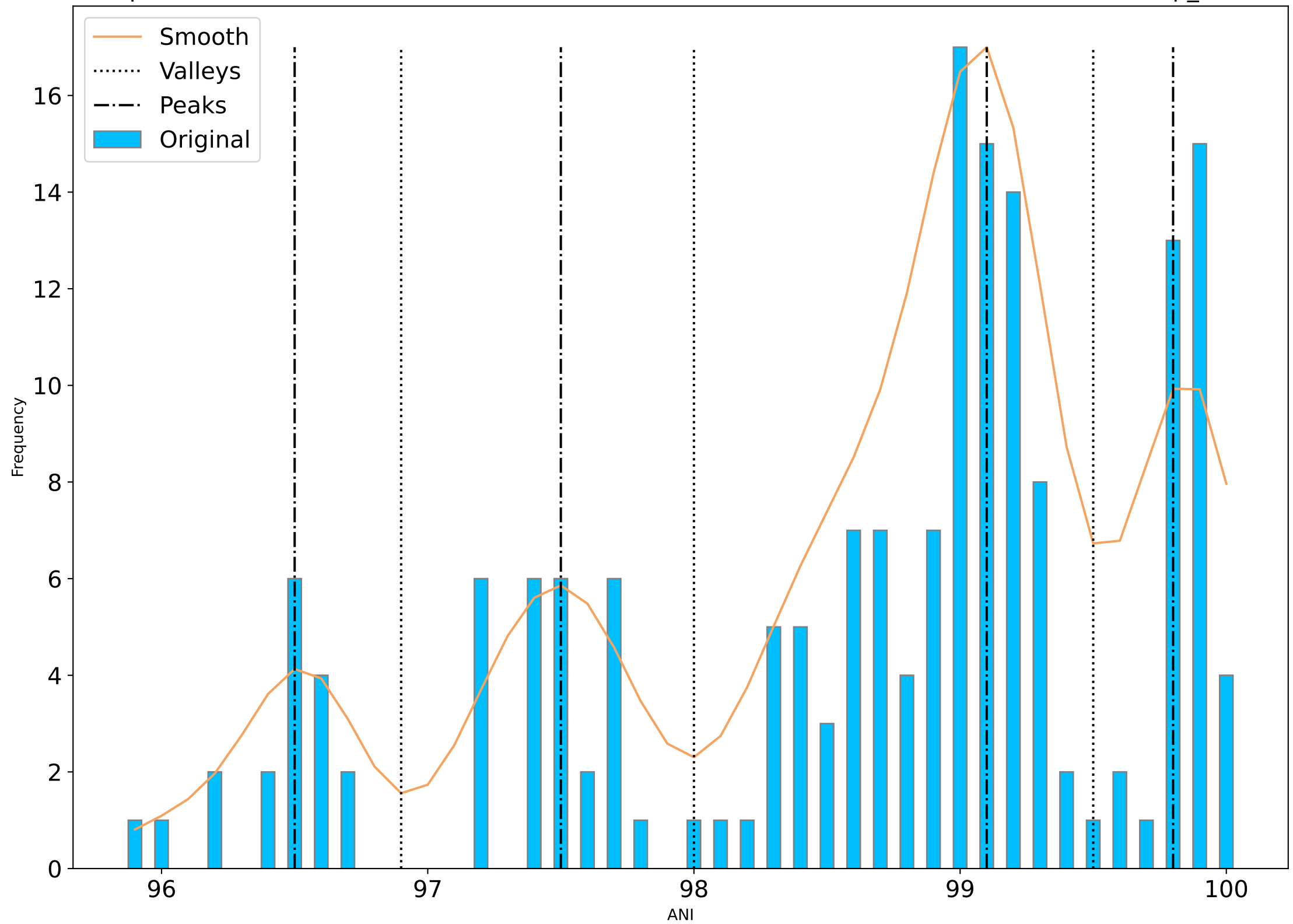


Species_695

Group 1

Norm_test 0.00019829601549518368

Dip_test 0.0

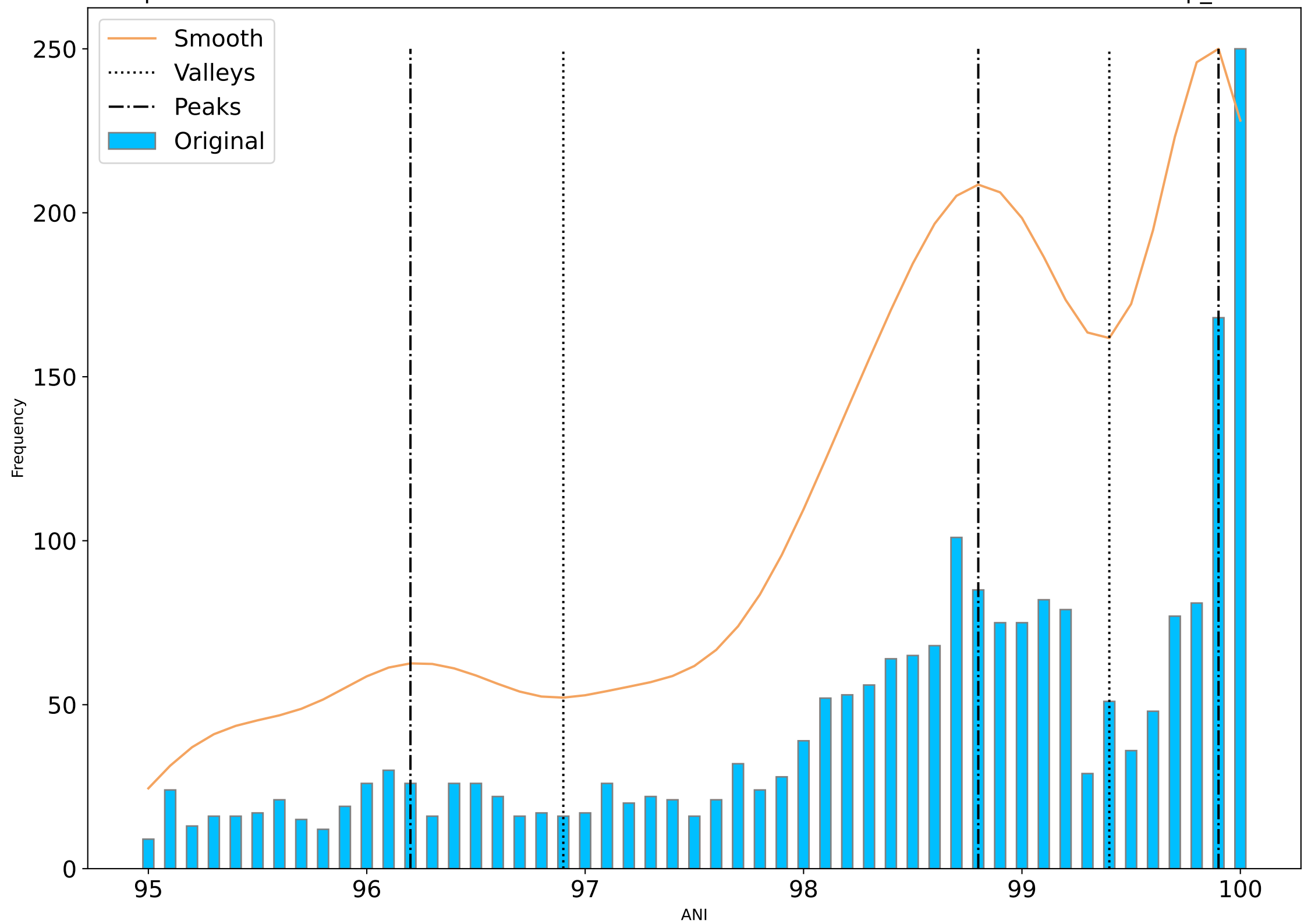


Species_696

Group 1

Norm_test 2.3765020394880166e-48

Dip_test 0.0

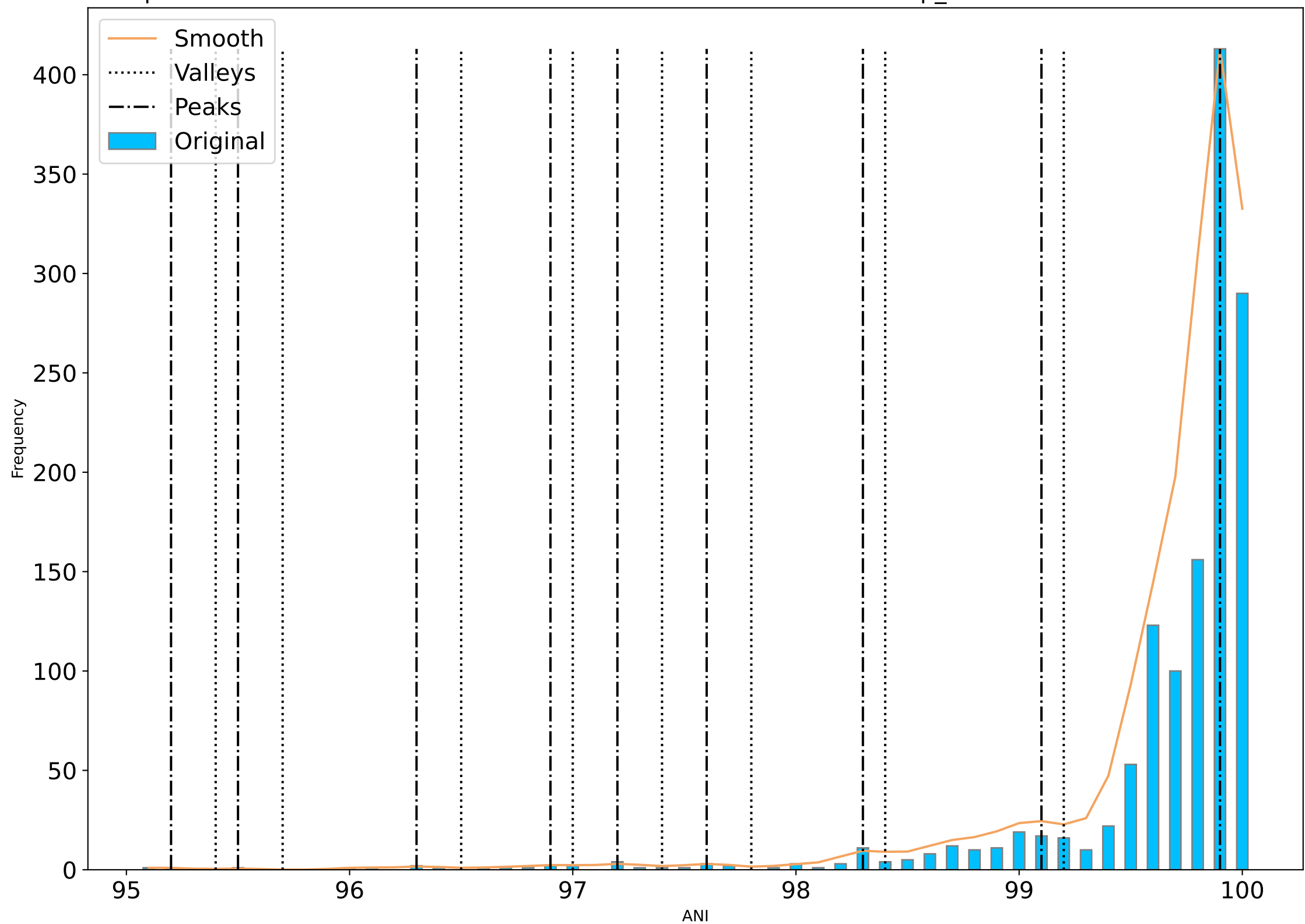


Species_697

Group 2

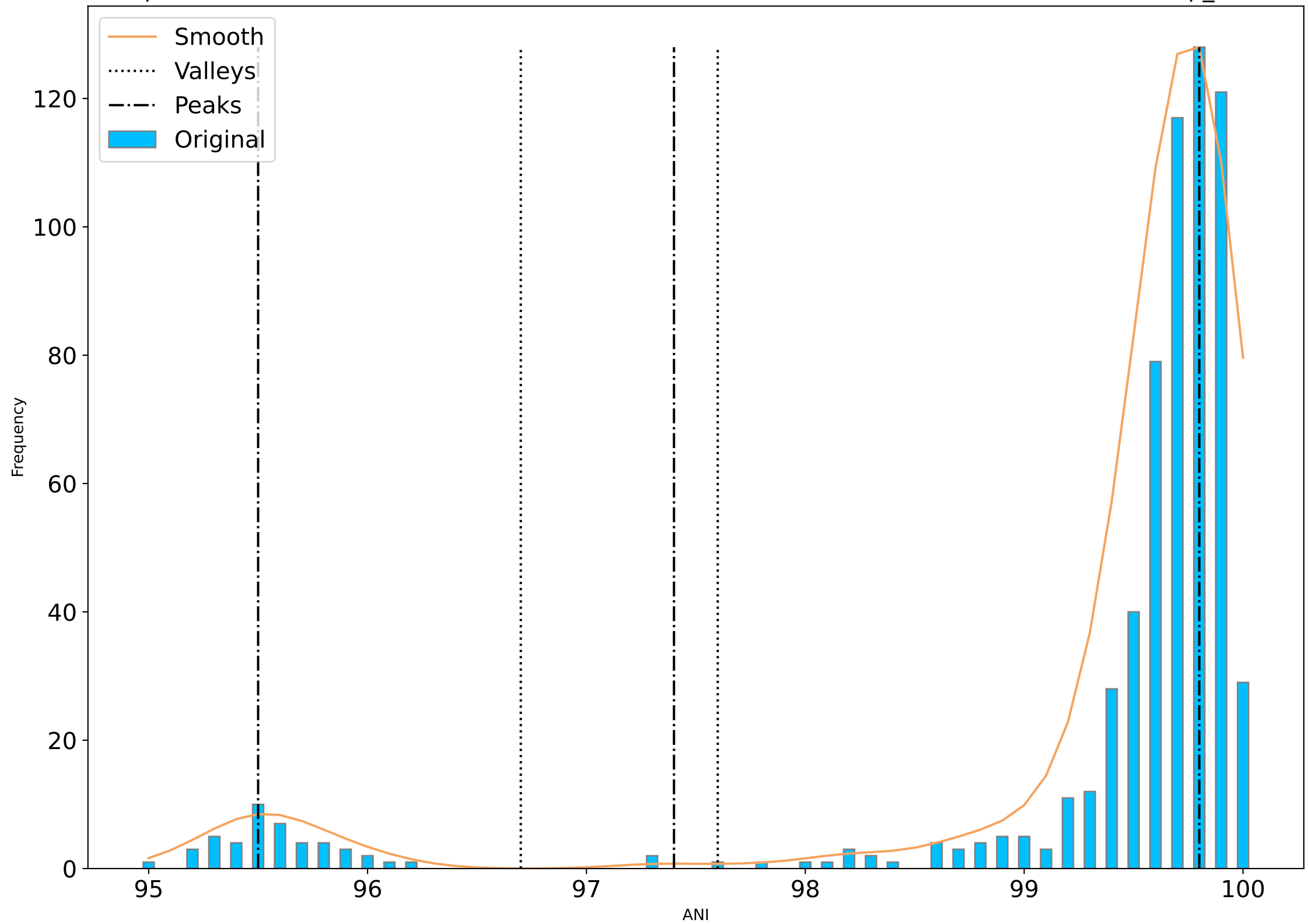
Norm_test 1.0341964422993021e-241

Dip_test 0.0008623312696335317



Species_700
Group 3

Norm_test 2.0812948849101663e-88
Dip_test 0.0

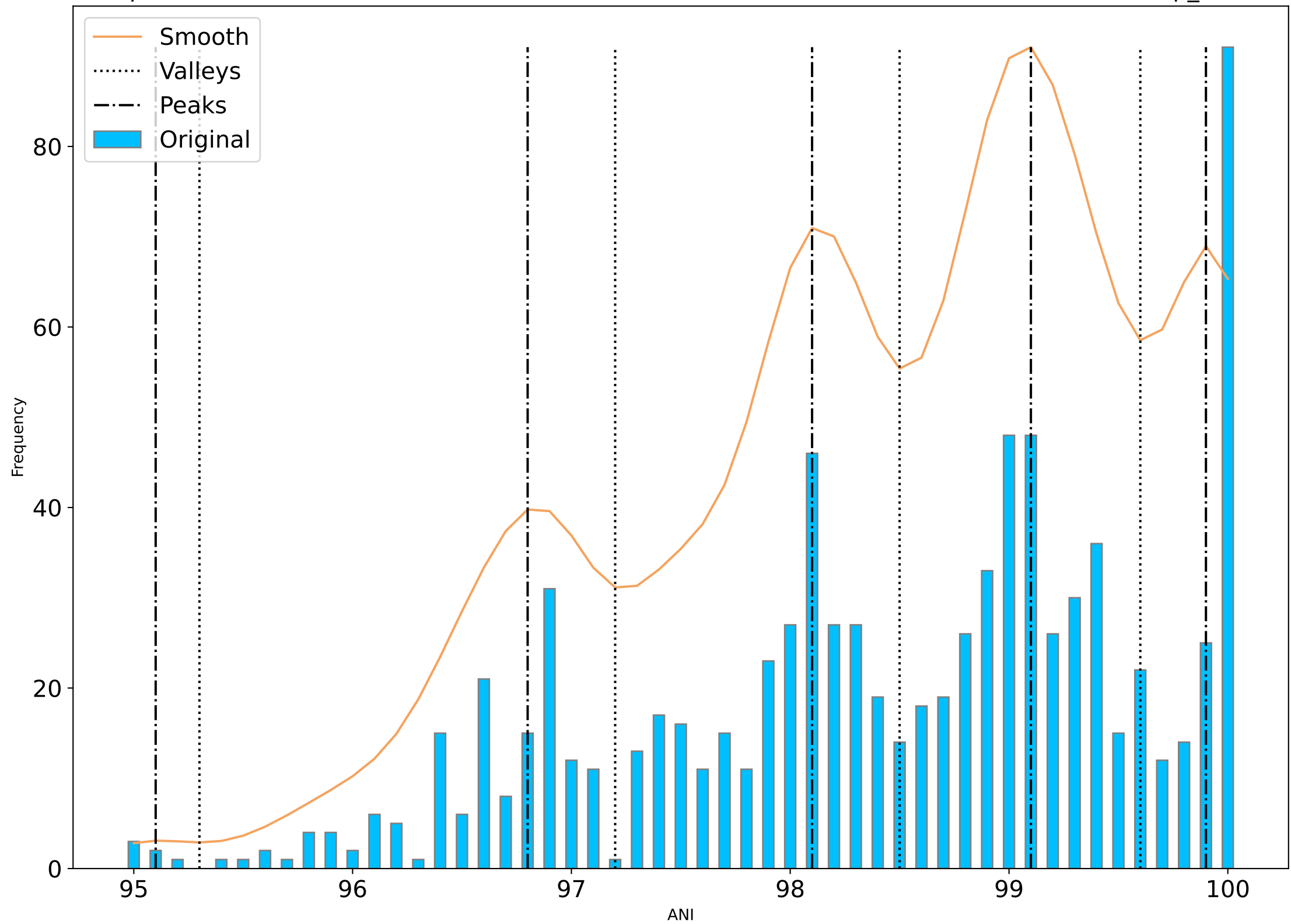


Species_706

Group 4

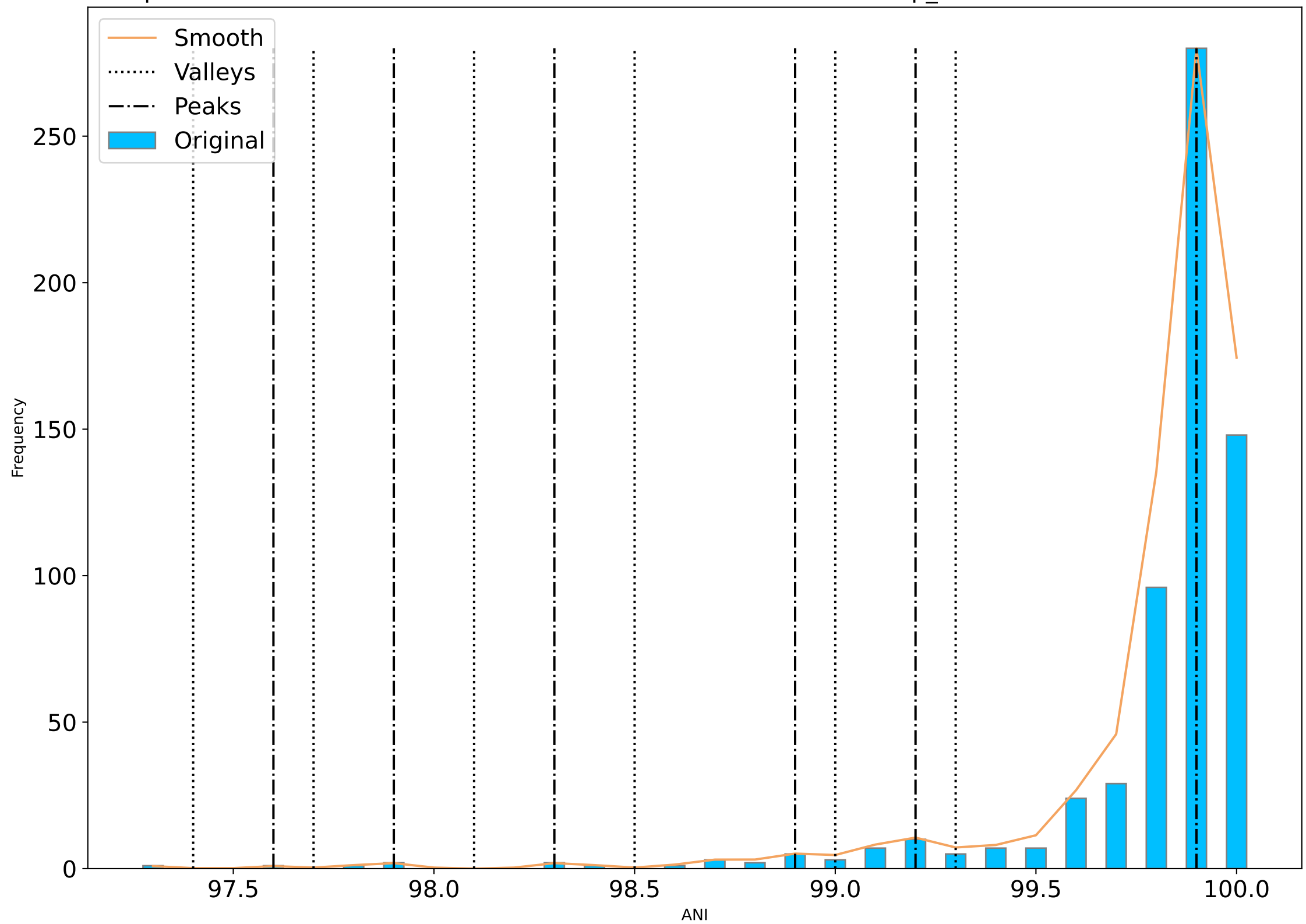
Norm_test 3.942136482664018e-12

Dip_test 0.0



Species_709
Group 2

Norm_test 7.609463060015983e-122
Dip_test 4.3209811908528906e-06

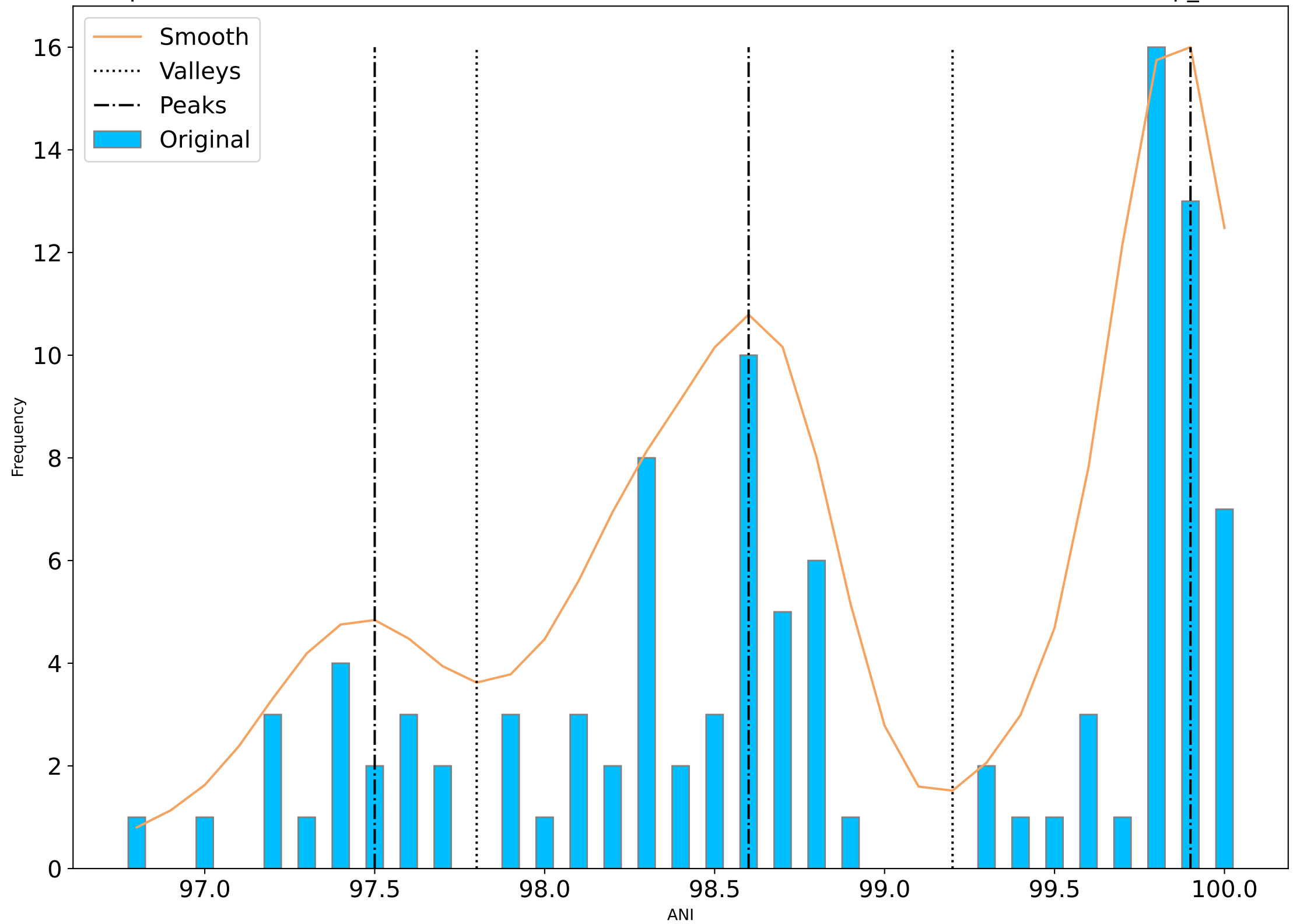


Species_710

Group 1

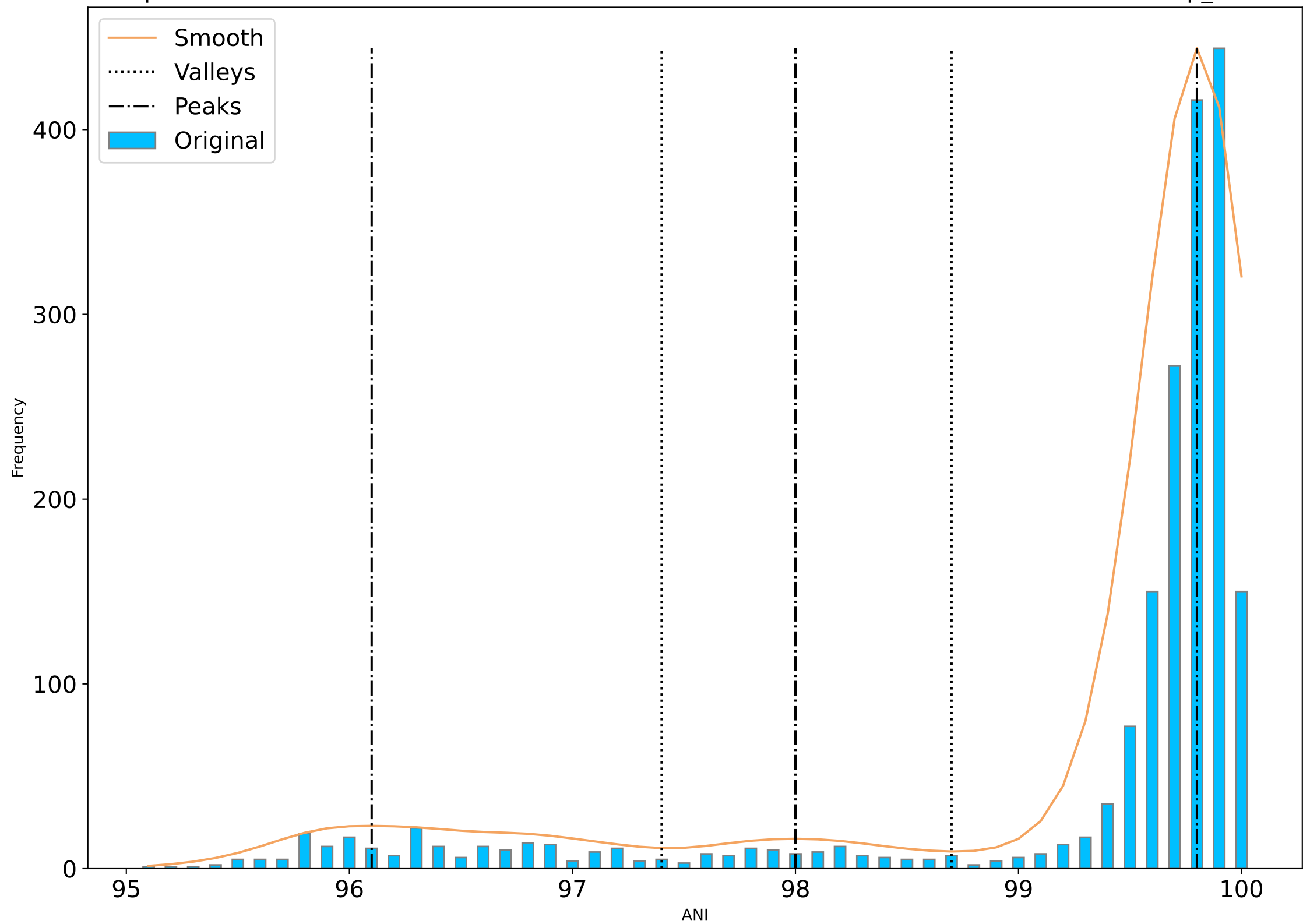
Norm_test 6.256964105568602e-08

Dip_test 0.0



Species_715
Group 3

Norm_test 5.8666520863726404e-167
Dip_test 0.0

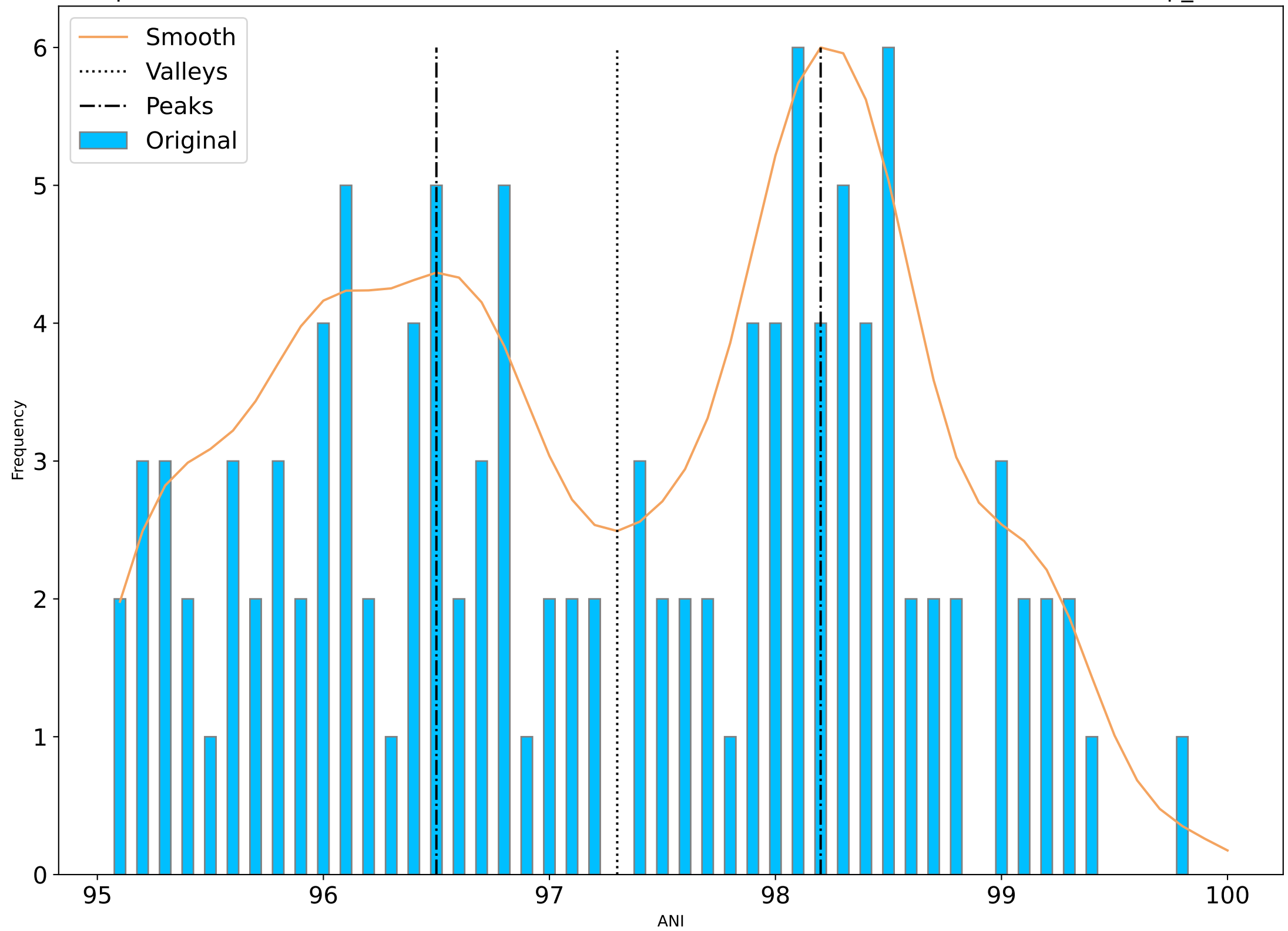


Species_716

Group 3

Norm_test 1.989508111927074e-09

Dip_test 0.0

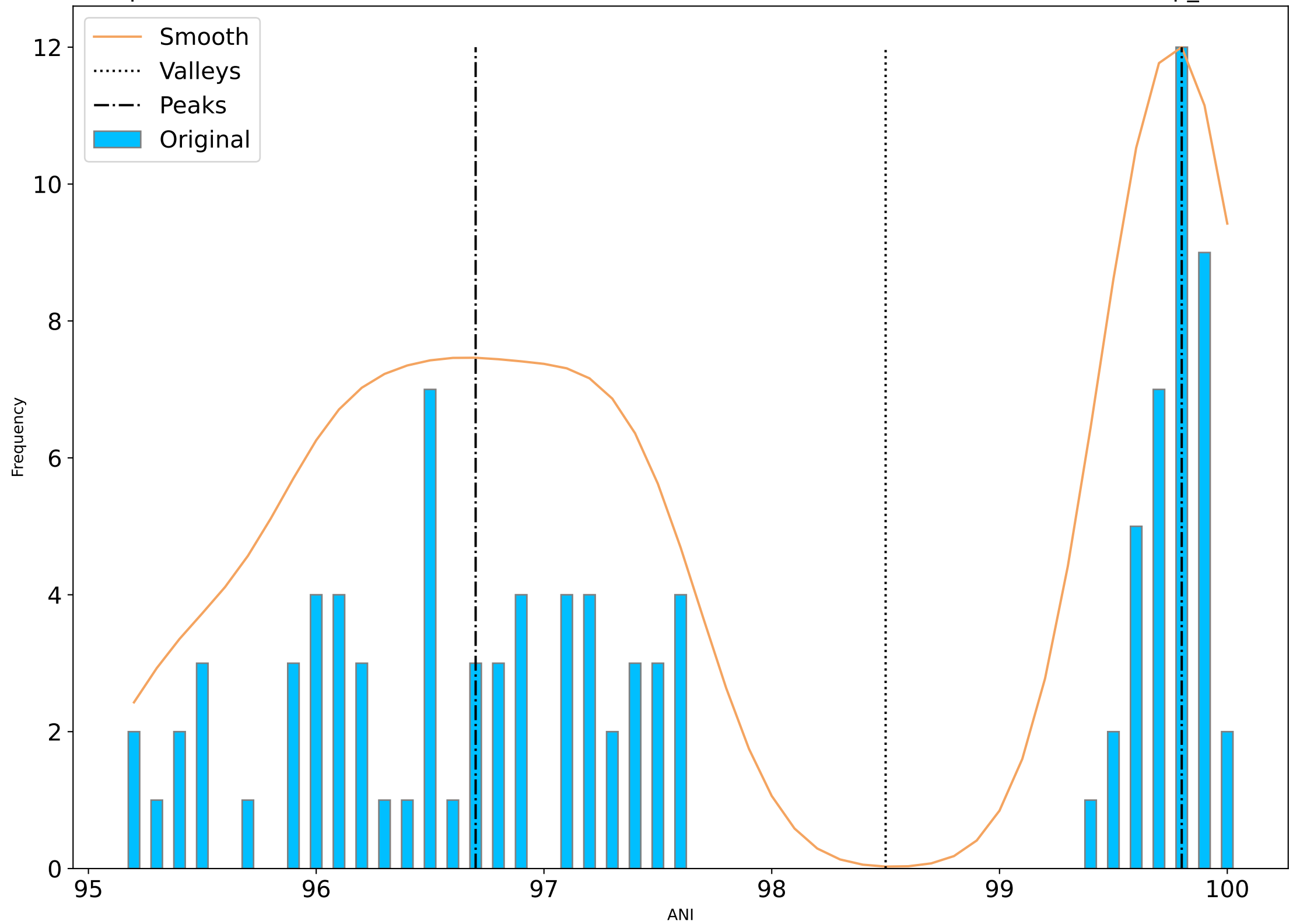


Species_722

Group 3

Norm_test 2.77853318704975e-103

Dip_test 0.0

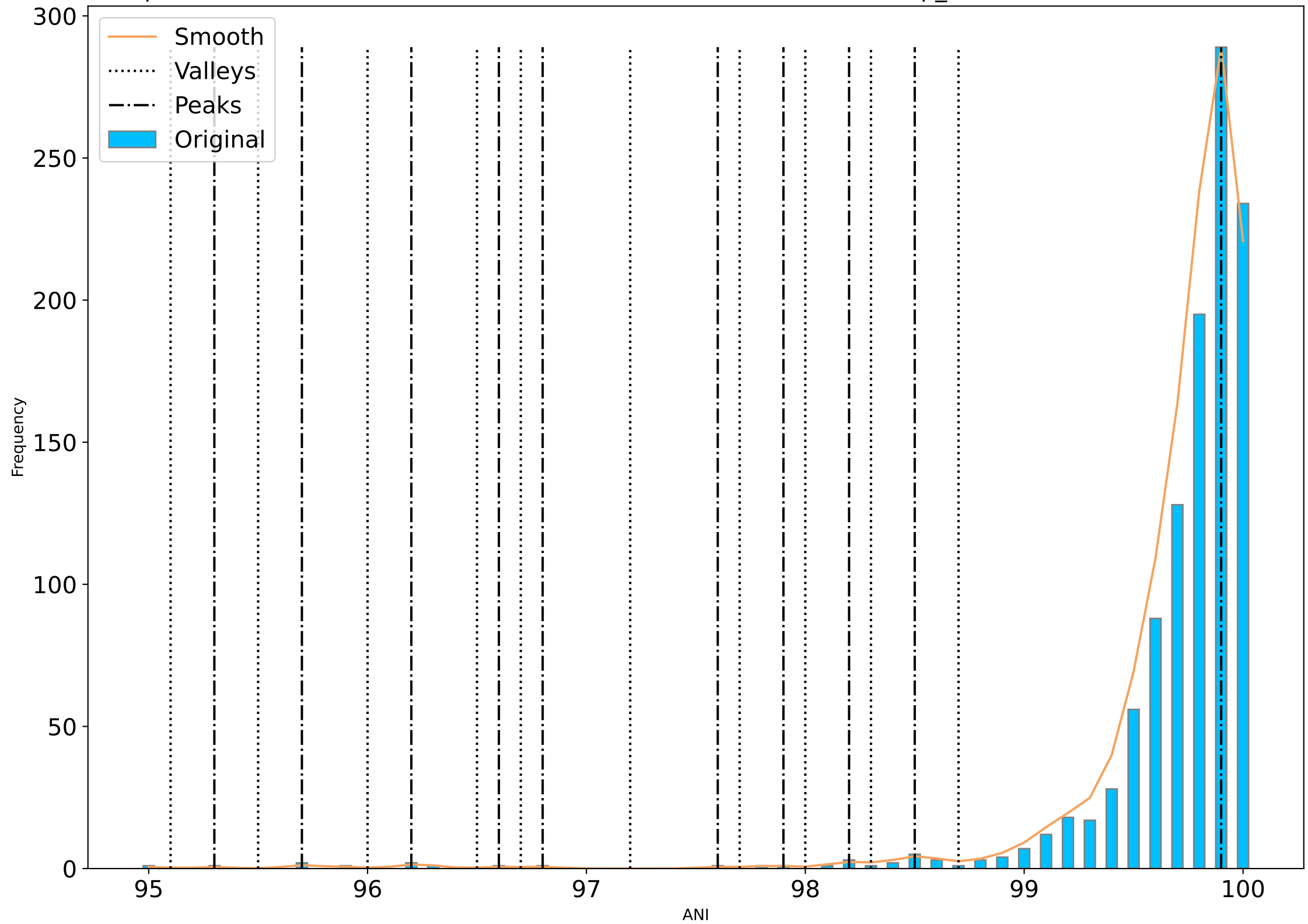


Species_726

Group 2

Norm_test 1.1451049079617254e-272

Dip_test 0.0008278671548724859

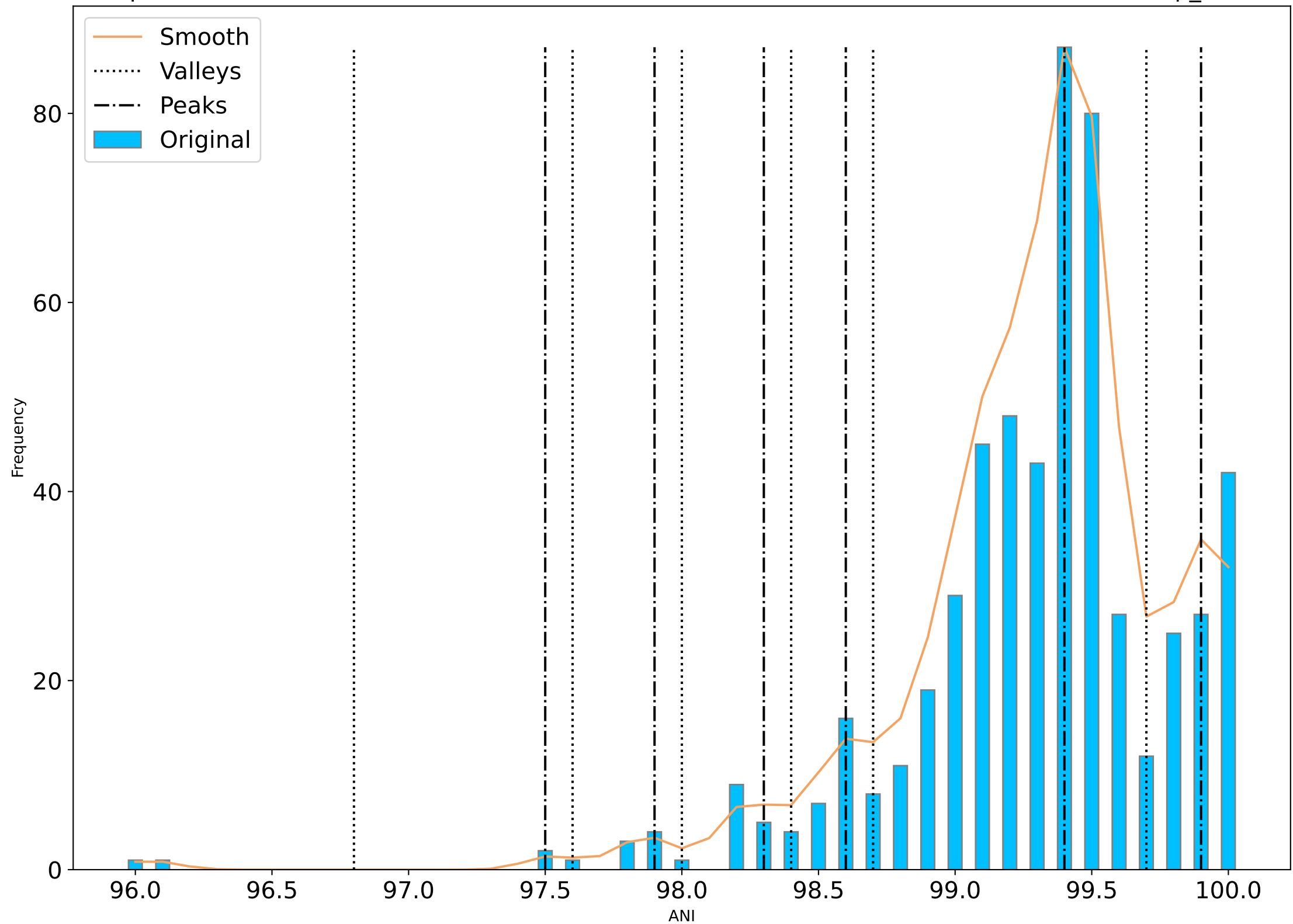


Species_729

Group 4

Norm_test 4.389699424084342e-50

Dip_test 0.0

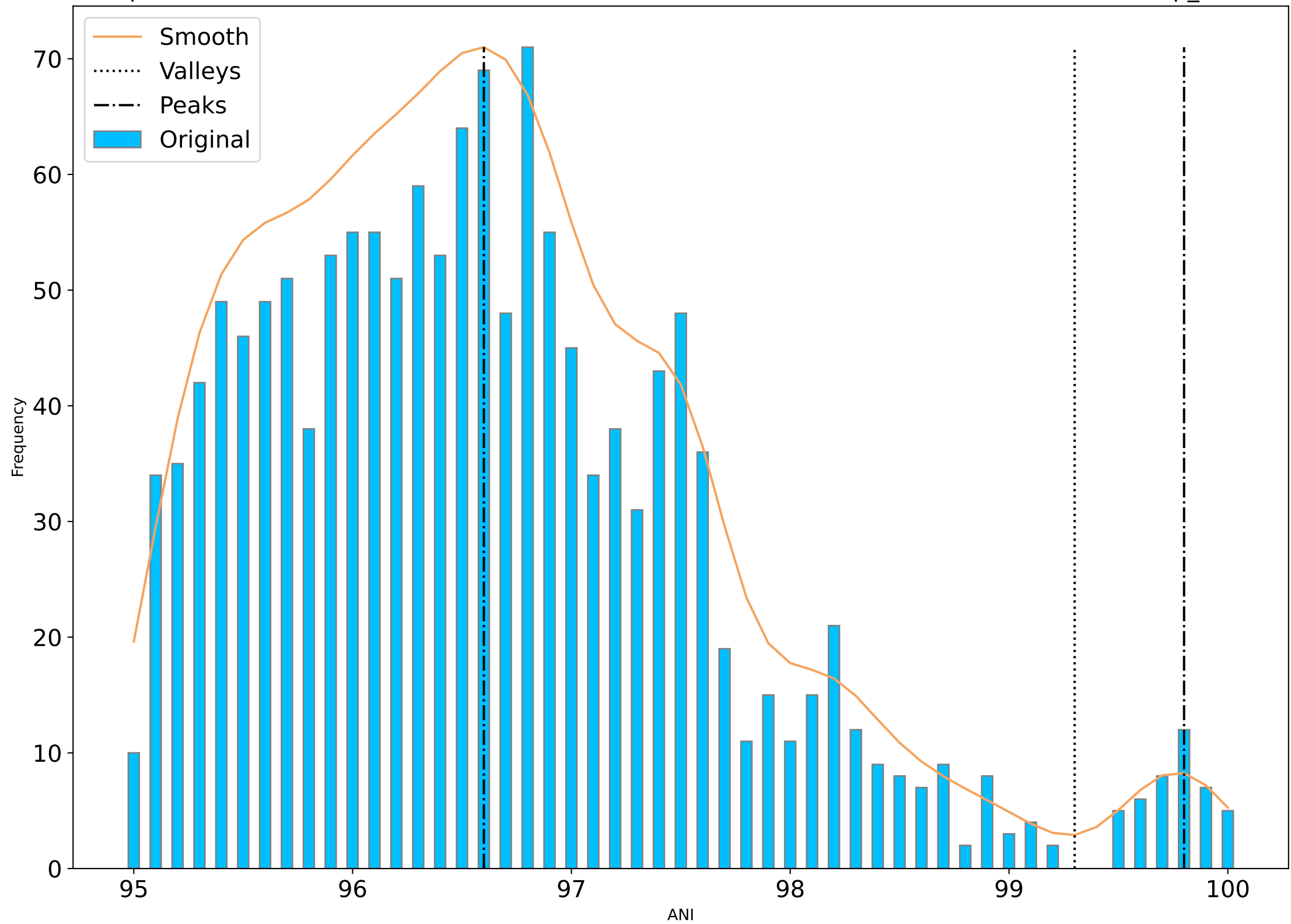


Species_730

Group 1

Norm_test 4.191919666217455e-37

Dip_test 0.0

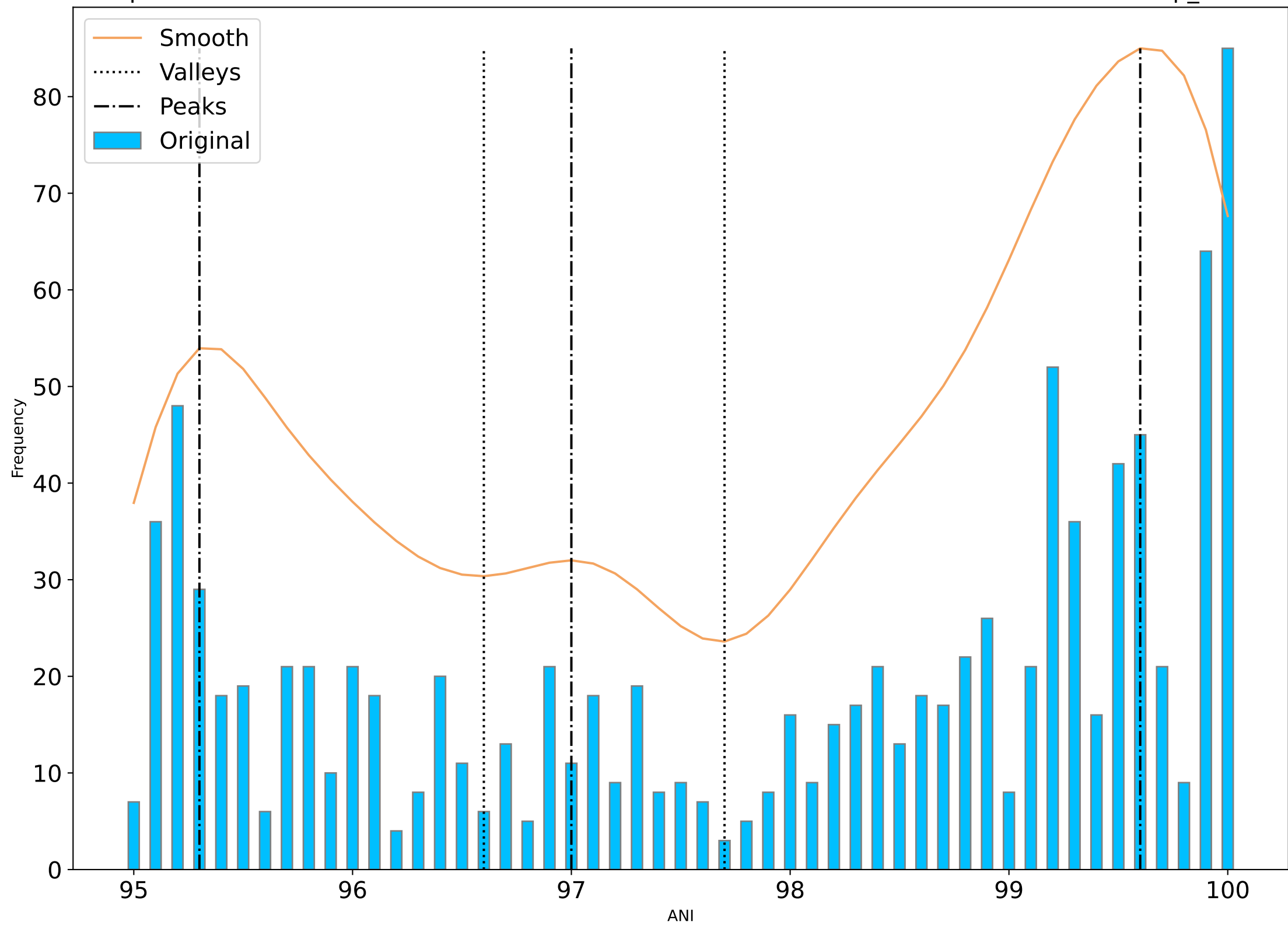


Species_735

Group 3

Norm_test 0.0

Dip_test 0.0

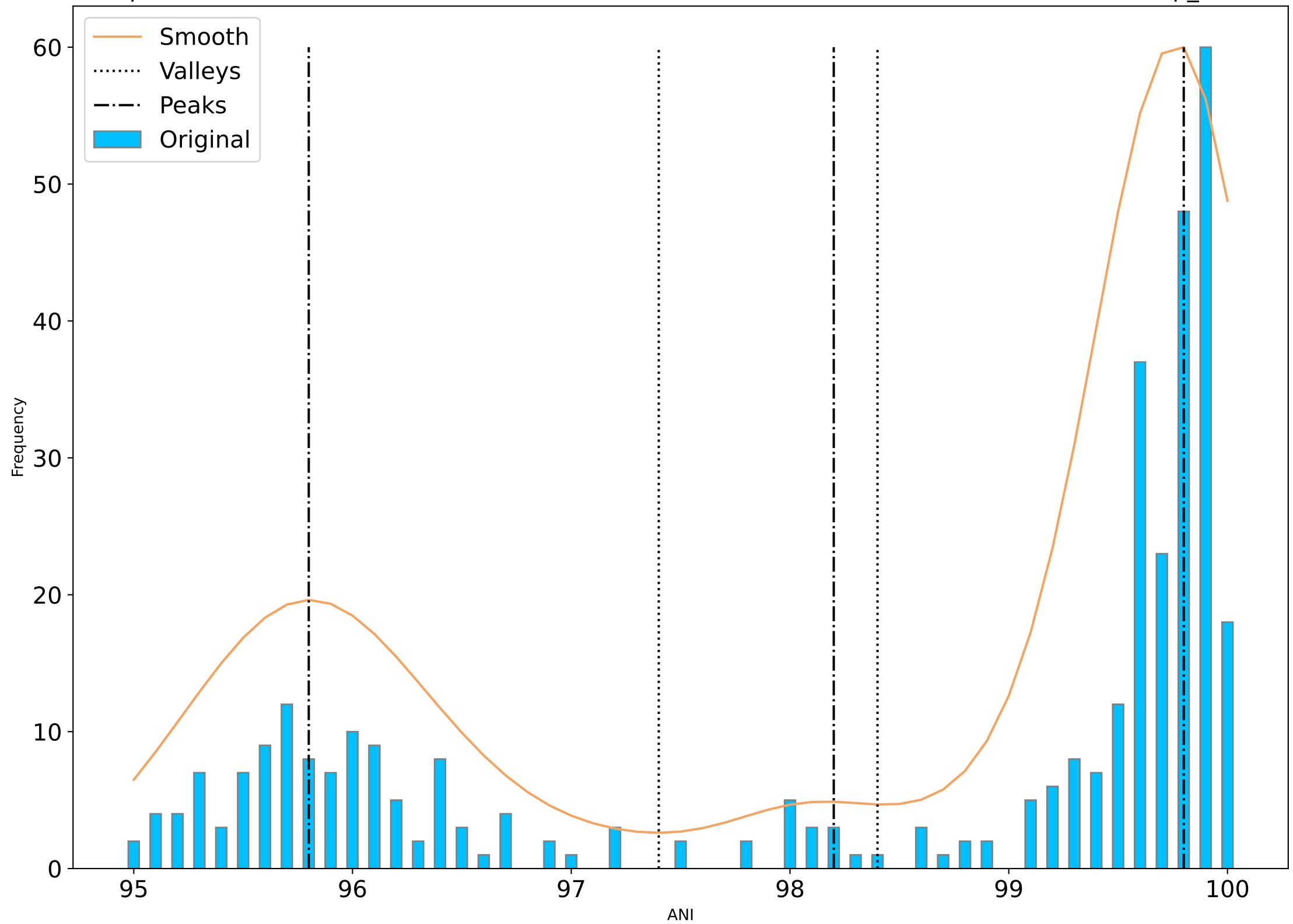


Species_740

Group 3

Norm_test 7.558417415084334e-54

Dip_test 0.0

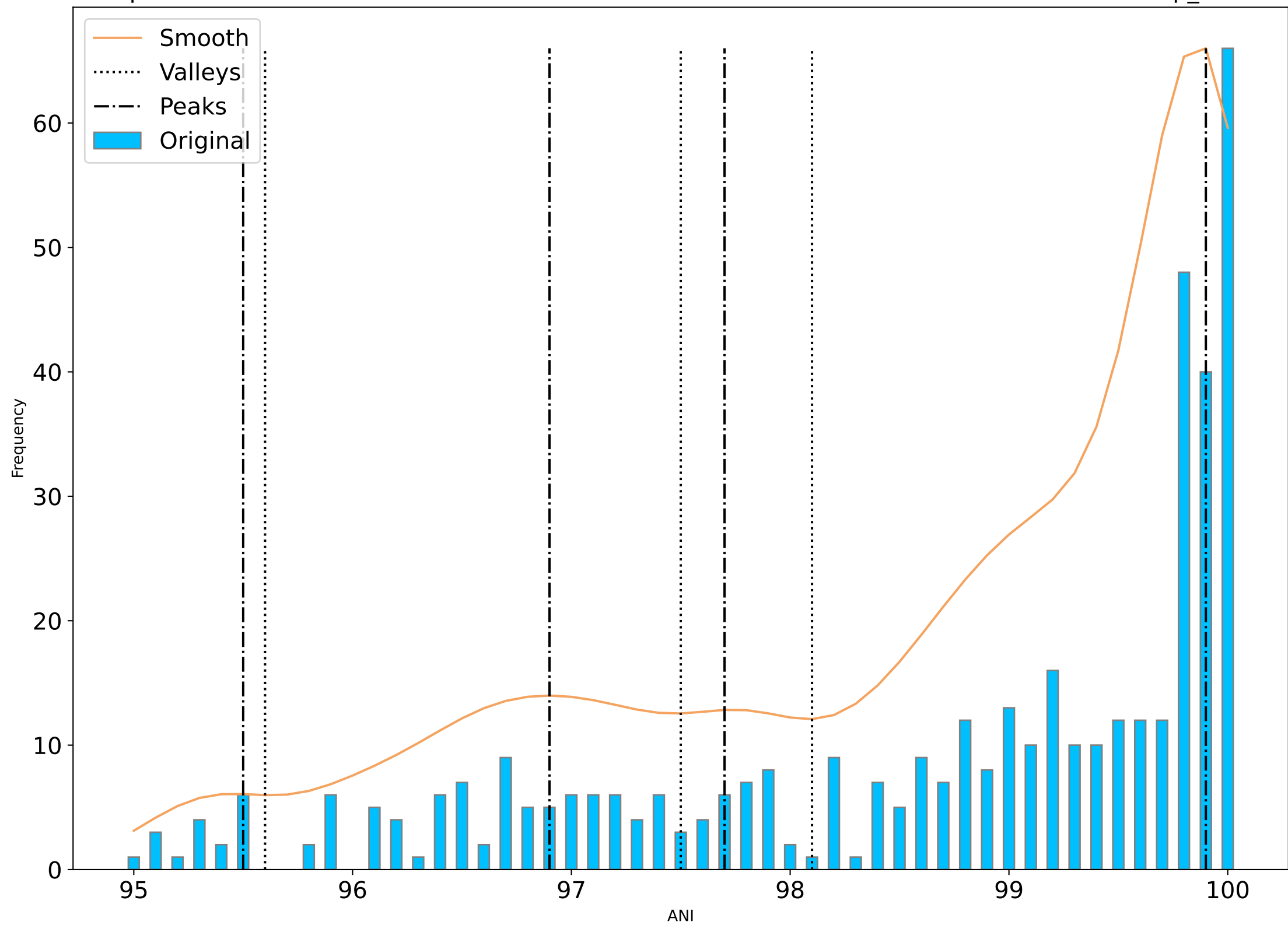


Species_742

Group 3

Norm_test 6.666638900164371e-12

Dip_test 0.0

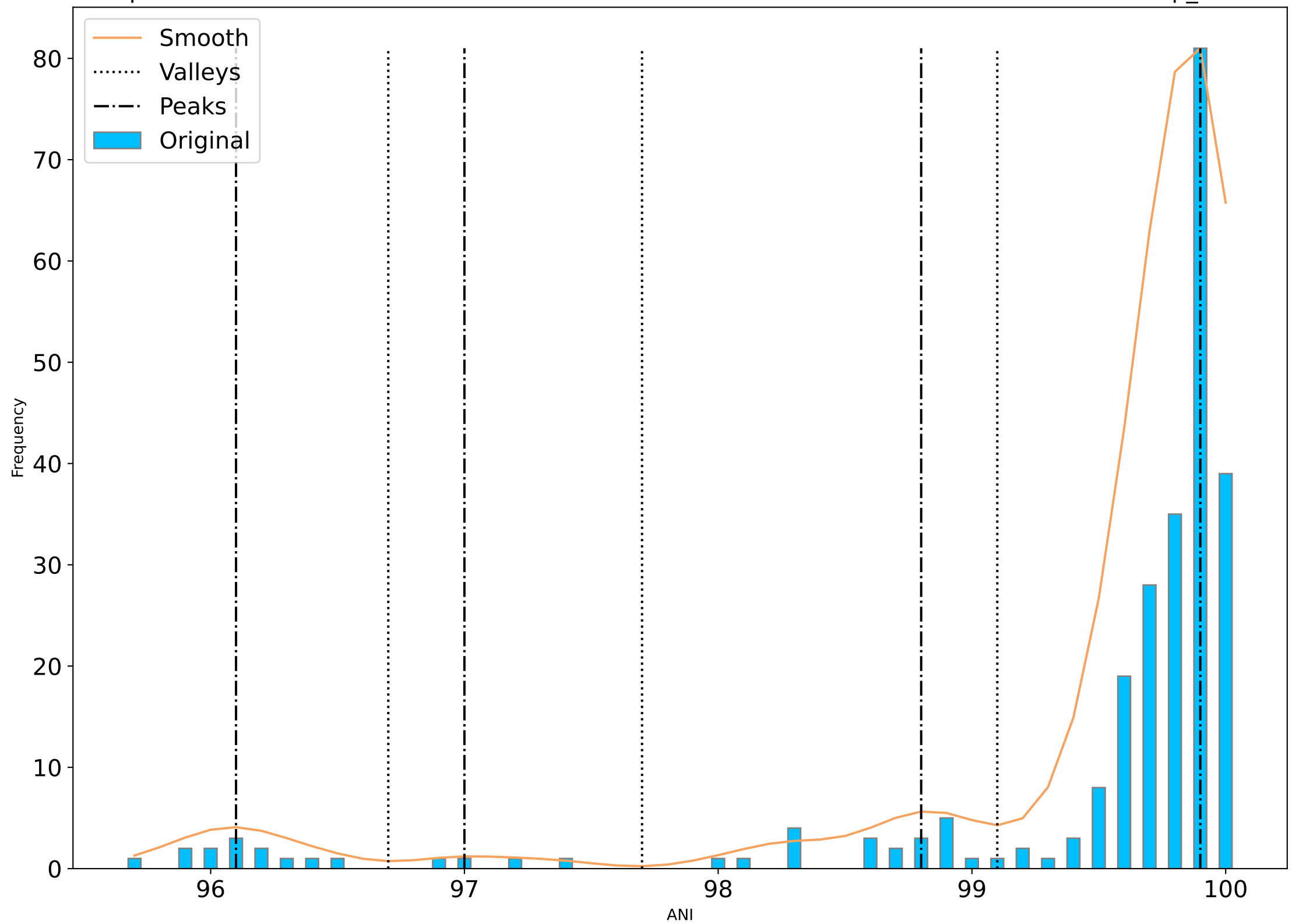


Species_743

Group 1

Norm_test 1.2906029357292856e-36

Dip_test 0.0

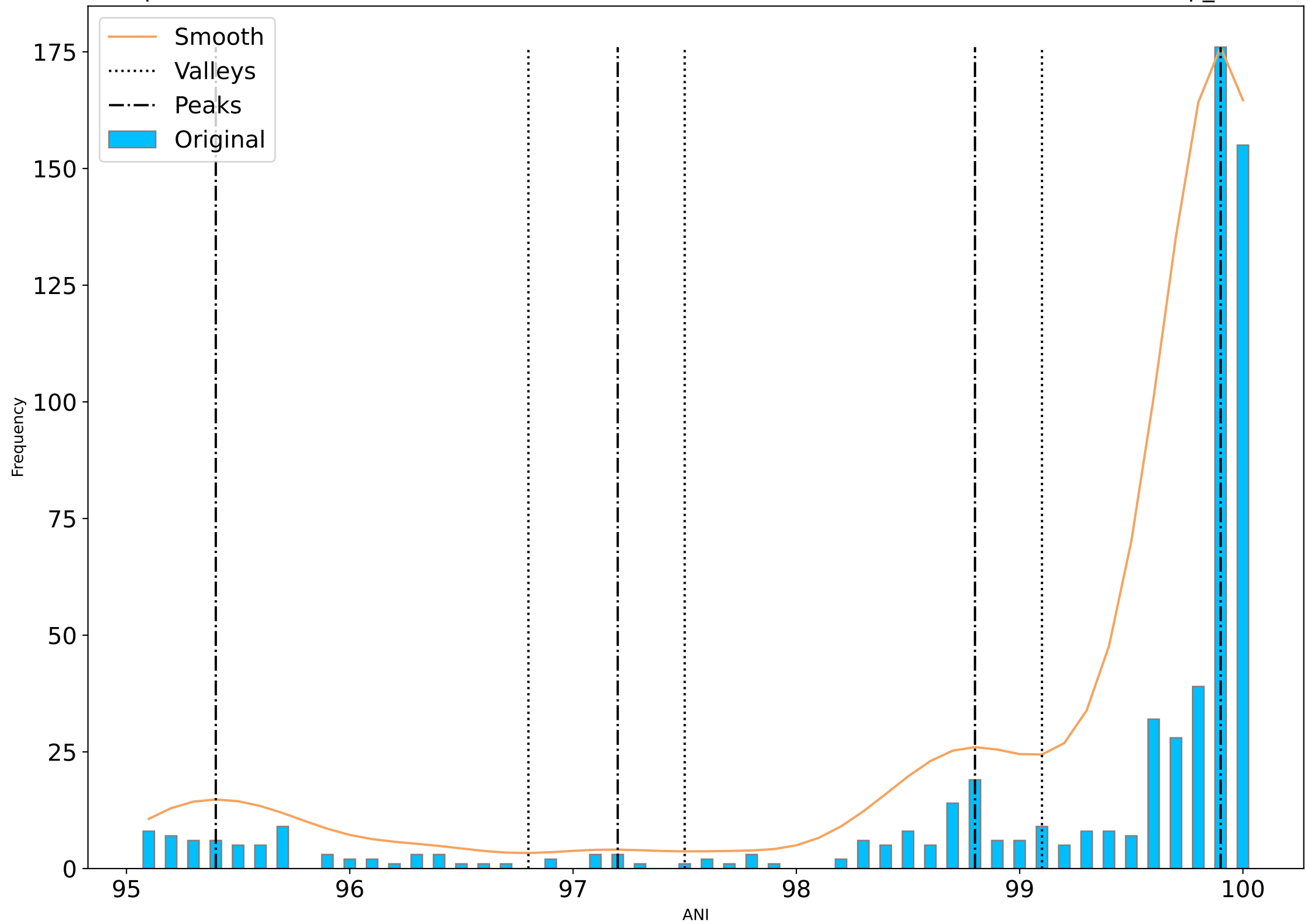


Species_744

Group 1

Norm_test 1.2416578461123306e-52

Dip_test 0.0

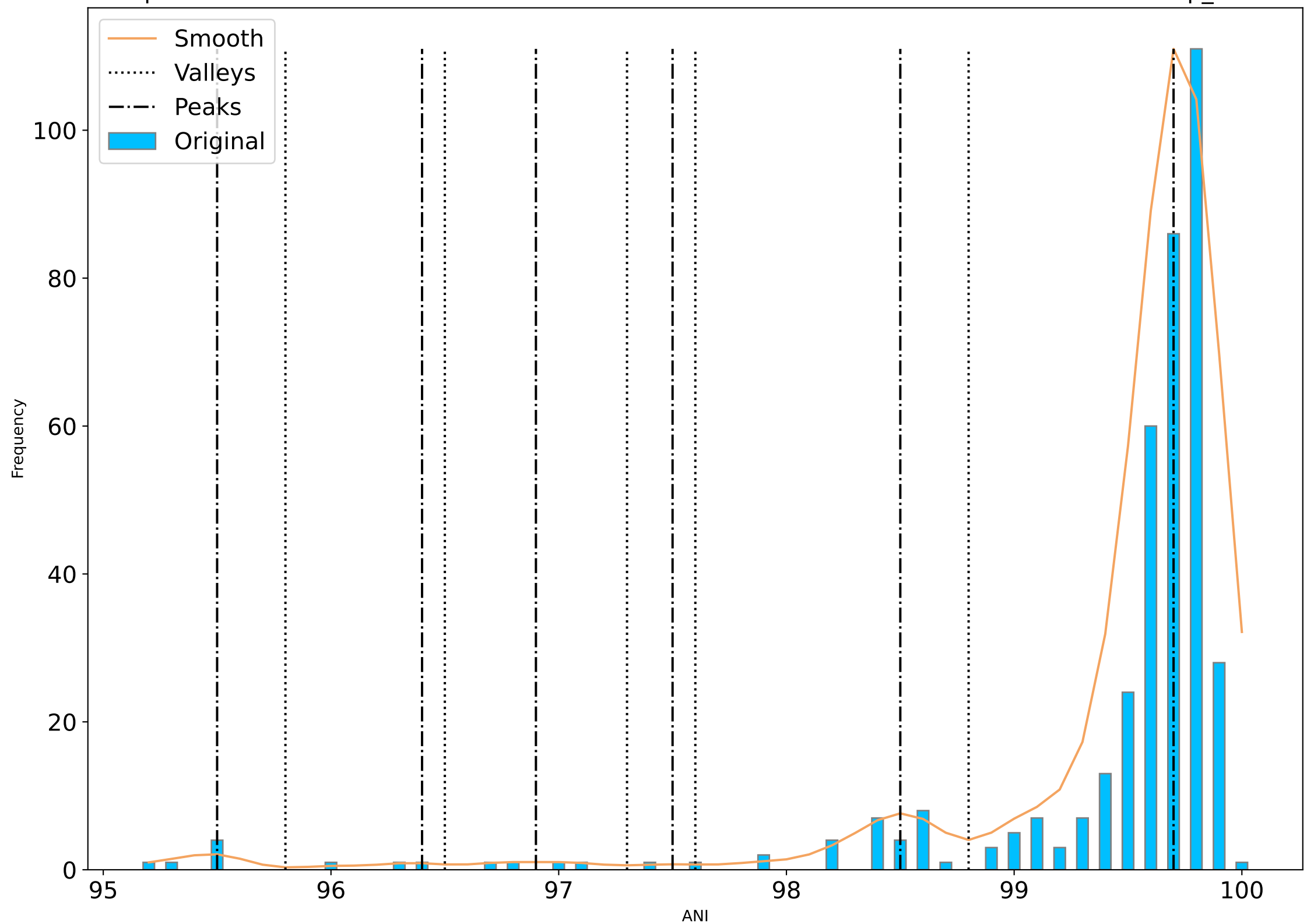


Species_745

Group 1

Norm_test 5.51384125291892e-70

Dip_test 0.0

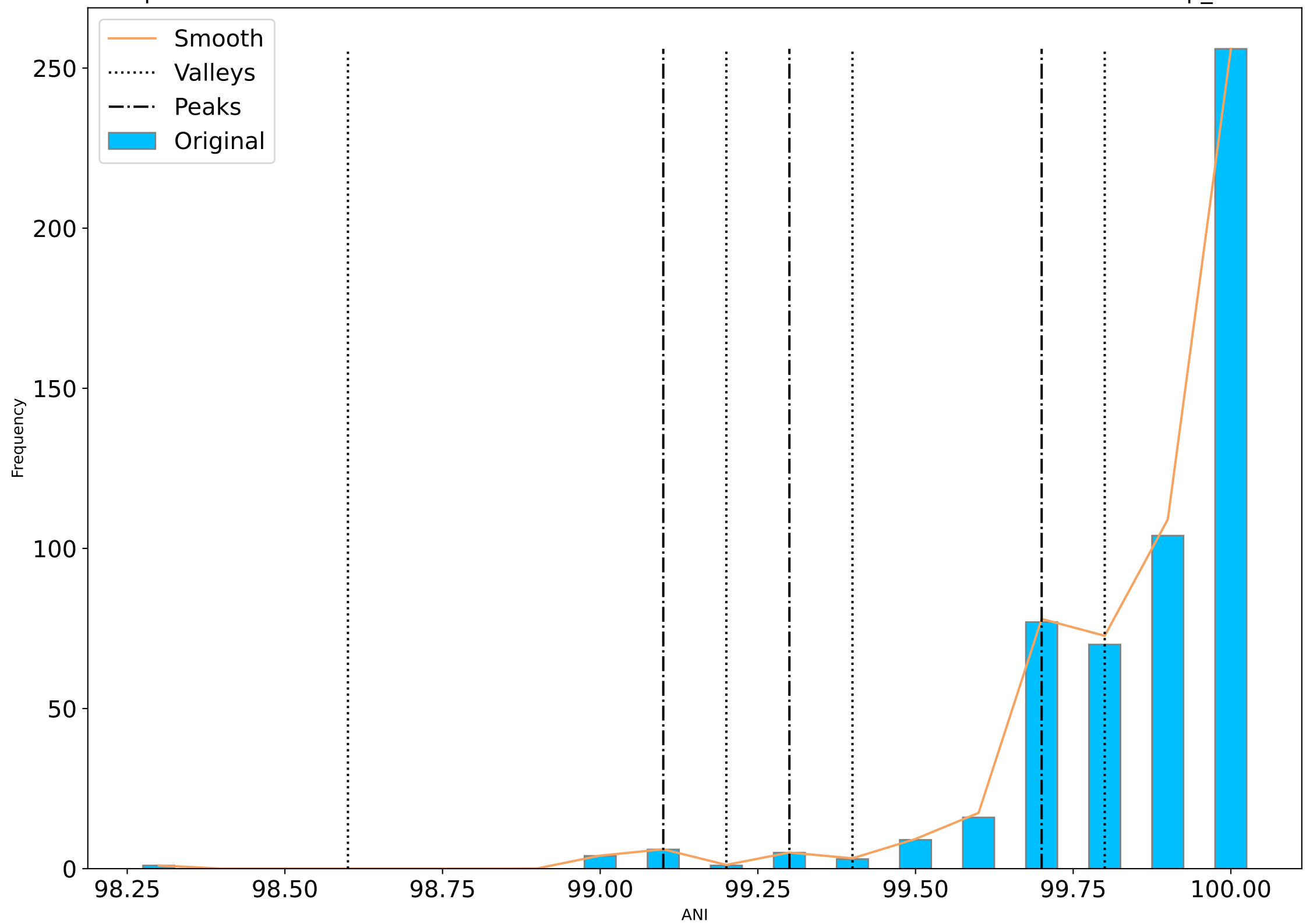


Species_748

Group 2

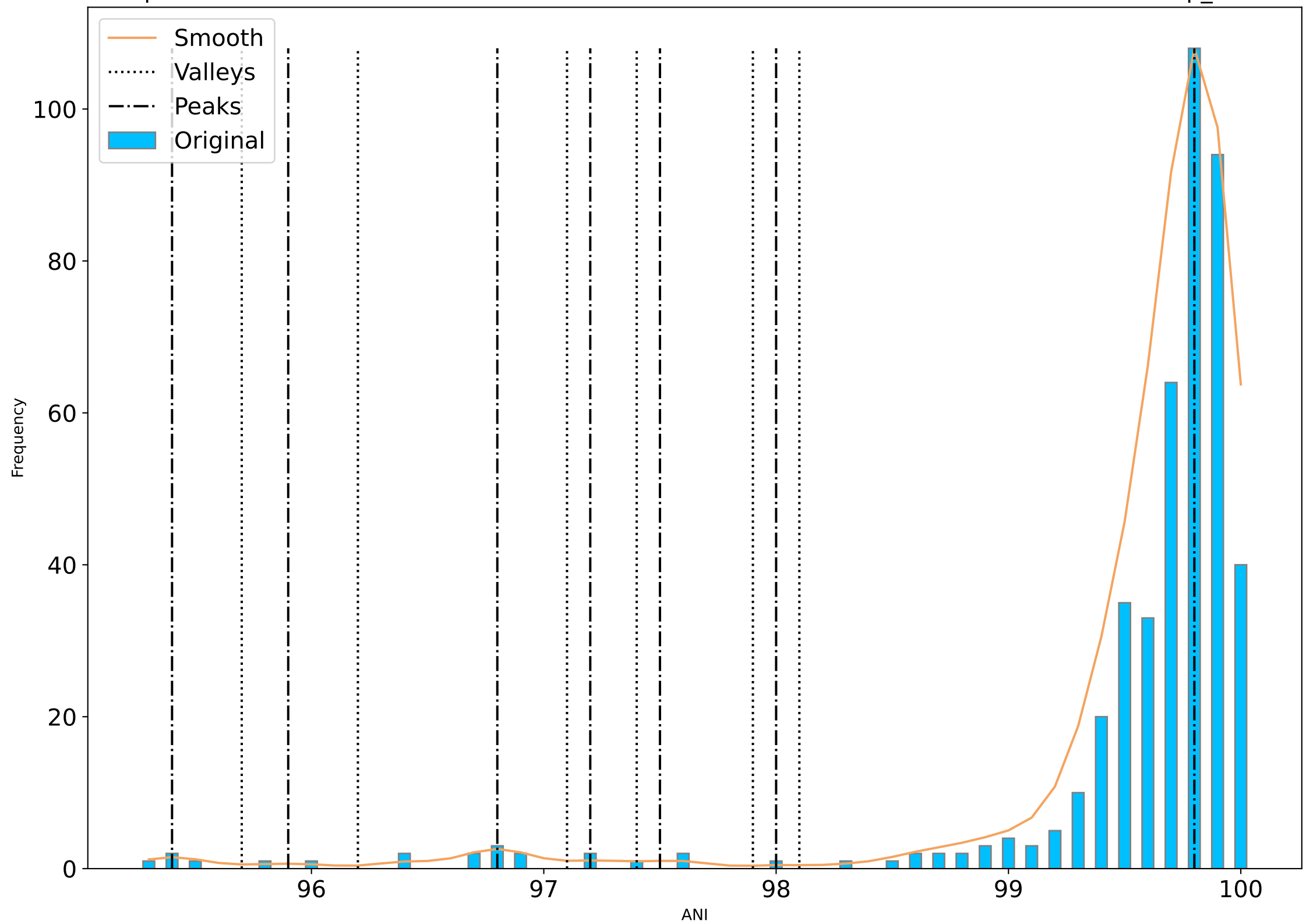
Norm_test 1.893395082756068e-79

Dip_test 0.0



Species_752
Group 2

Norm_test 8.432243022001159e-85
Dip_test 0.0

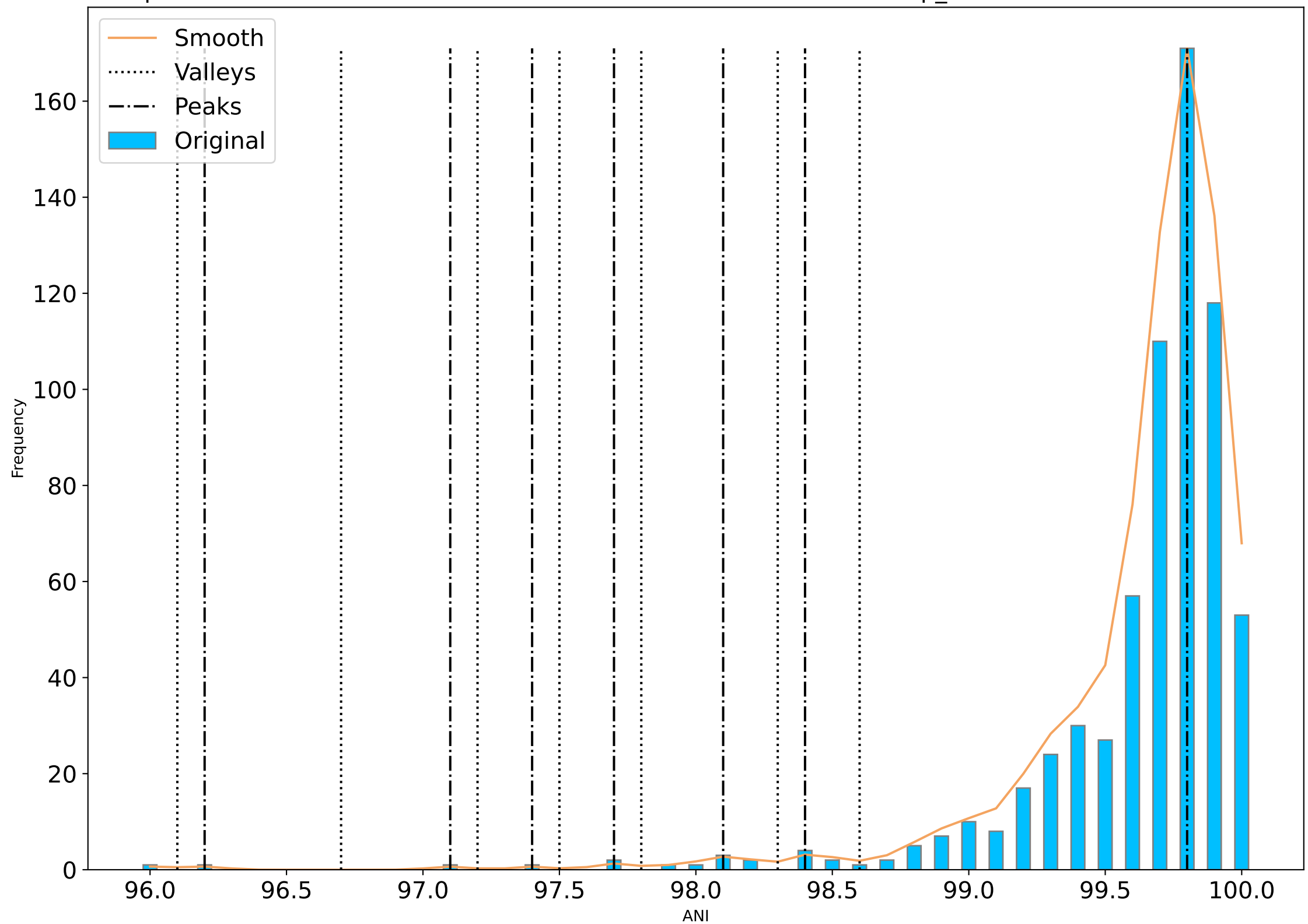


Species_753

Group 2

Norm_test 3.3210402377191957e-123

Dip_test 0.0009997682084764703

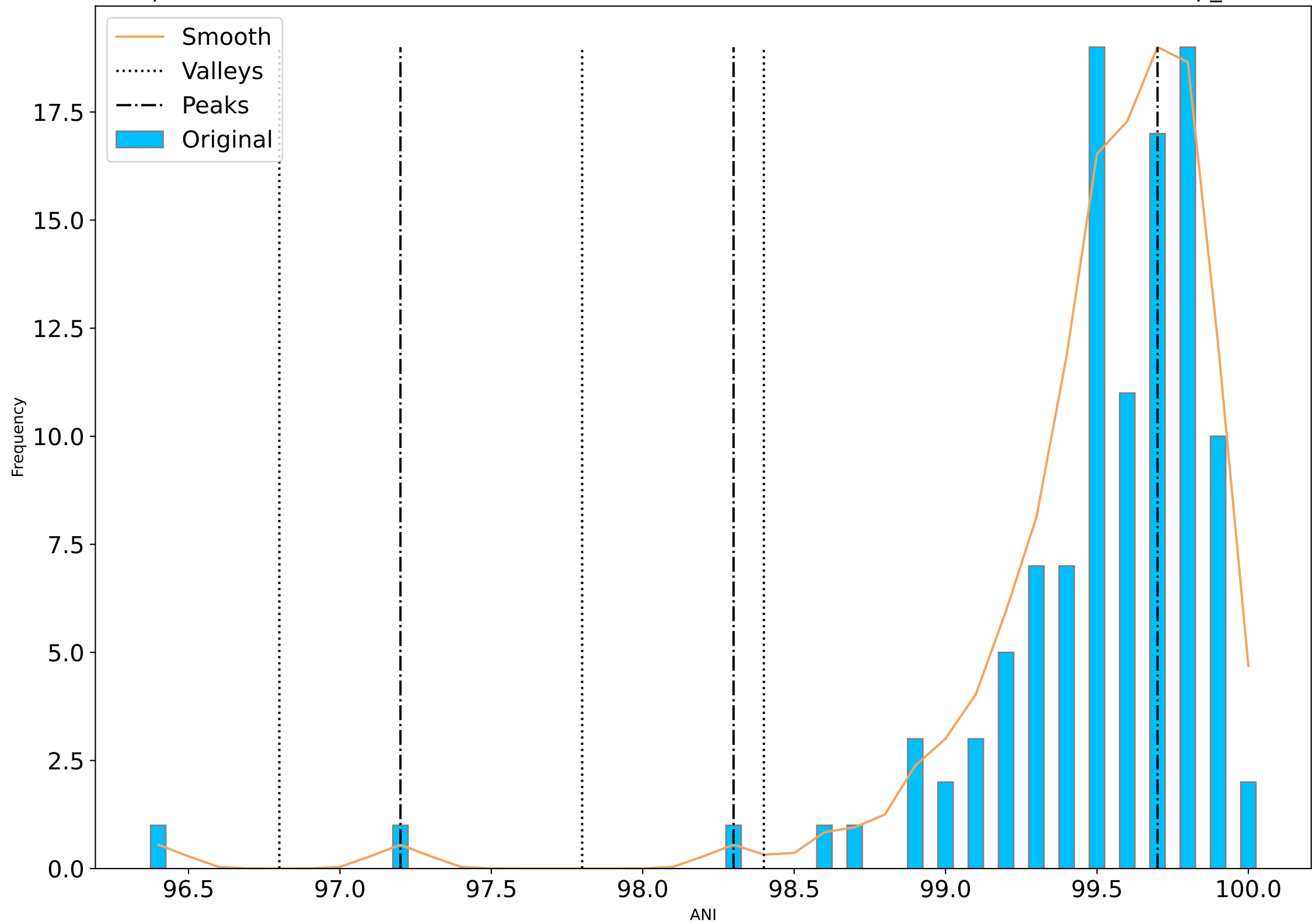


Species_756

Norm_test 1.4150890338367822e-26

Group 3

Dip_test 0.0

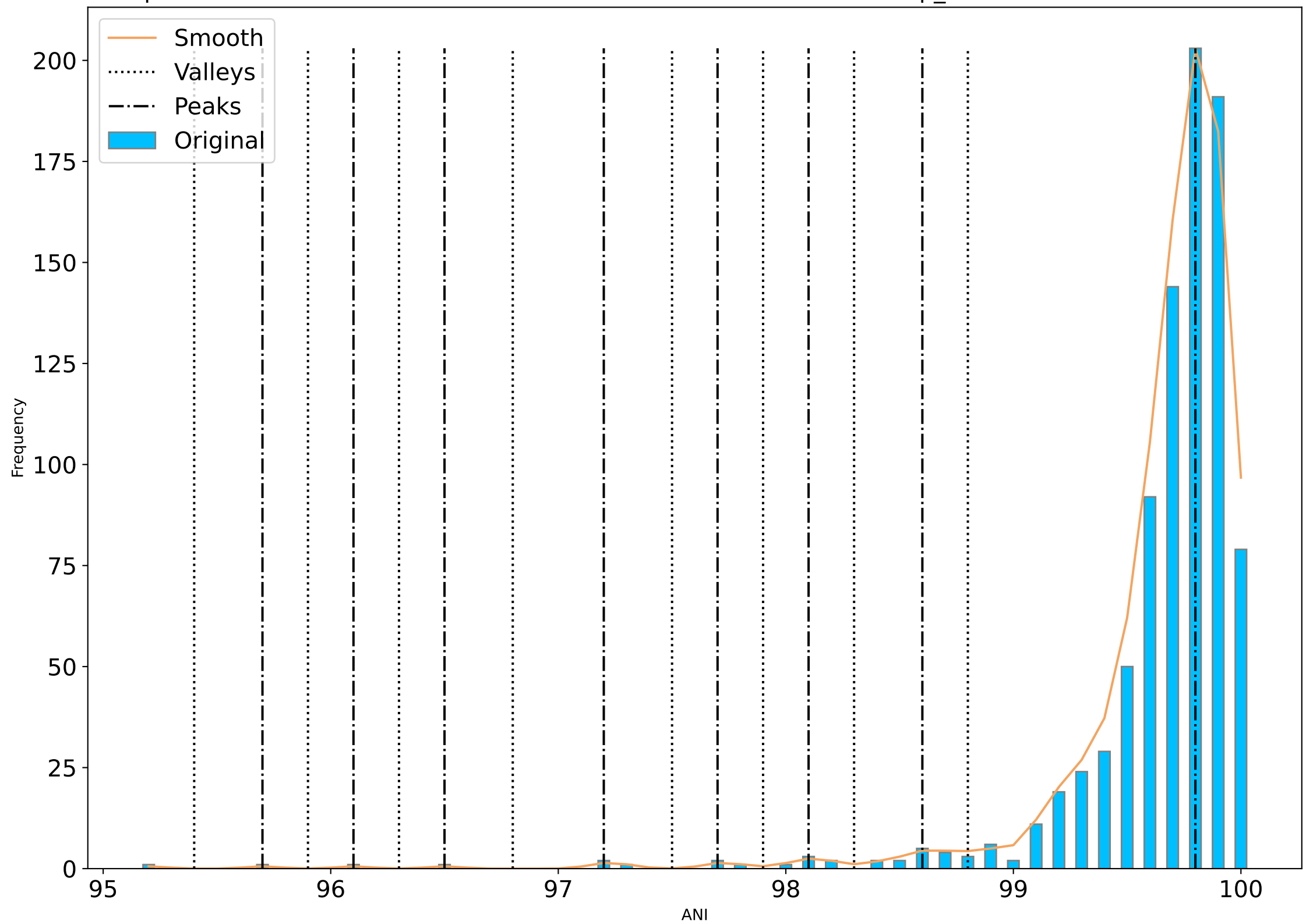


Species_758

Group 2

Norm_test 3.982488547741077e-200

Dip_test 0.0013536504582590814

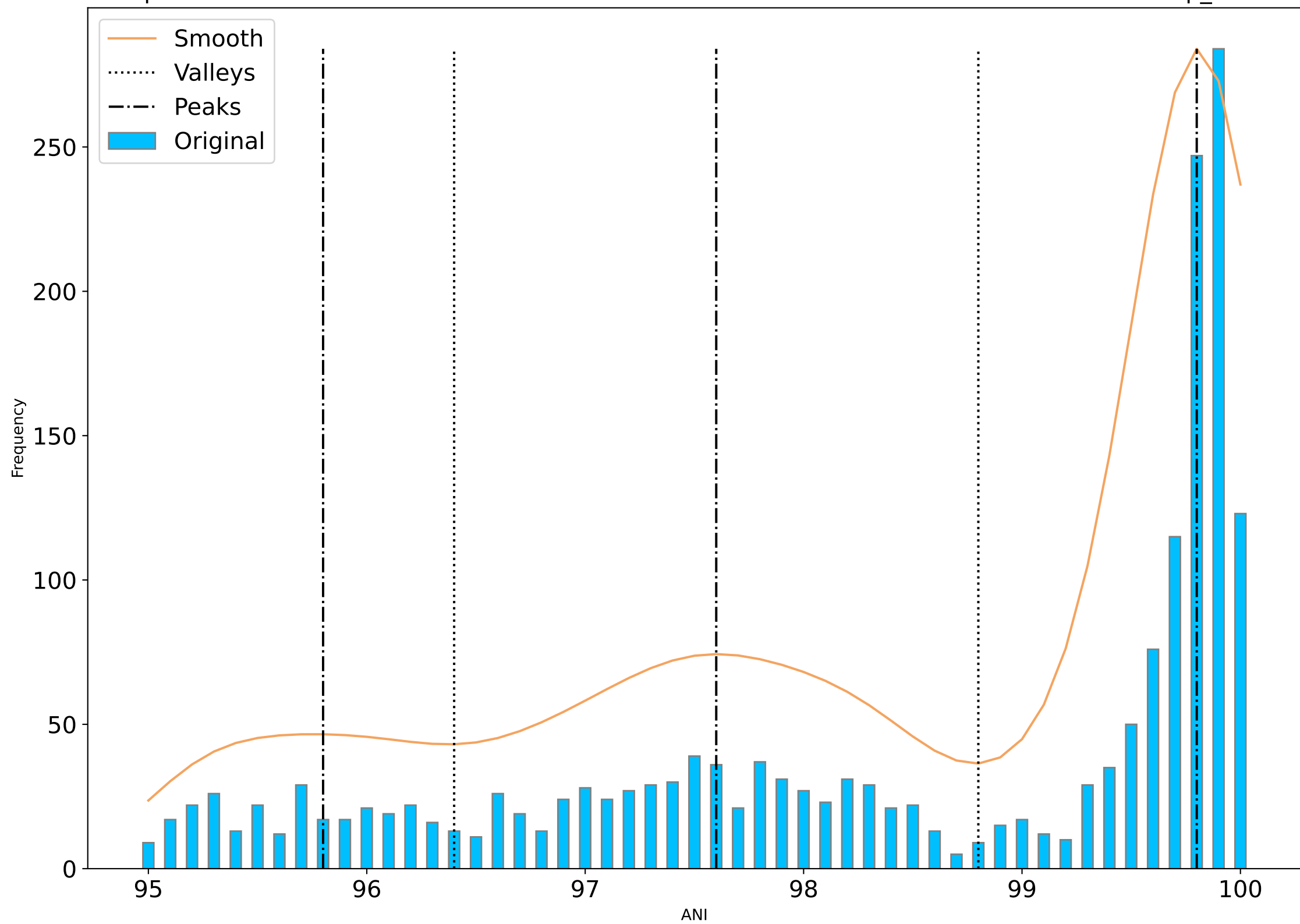


Species_759

Group 1

Norm_test 1.918069987499553e-74

Dip_test 0.0

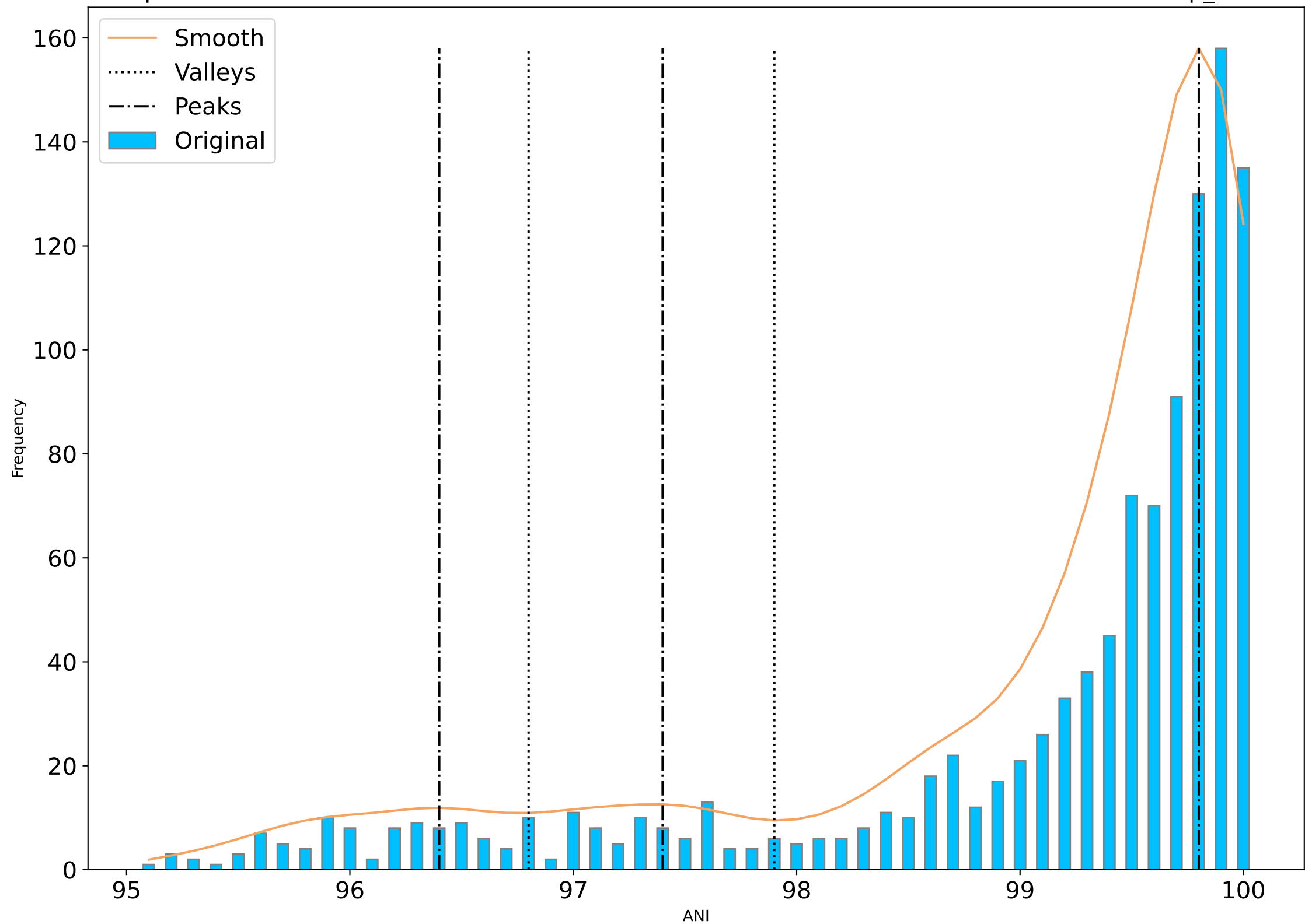


Species_760

Group 3

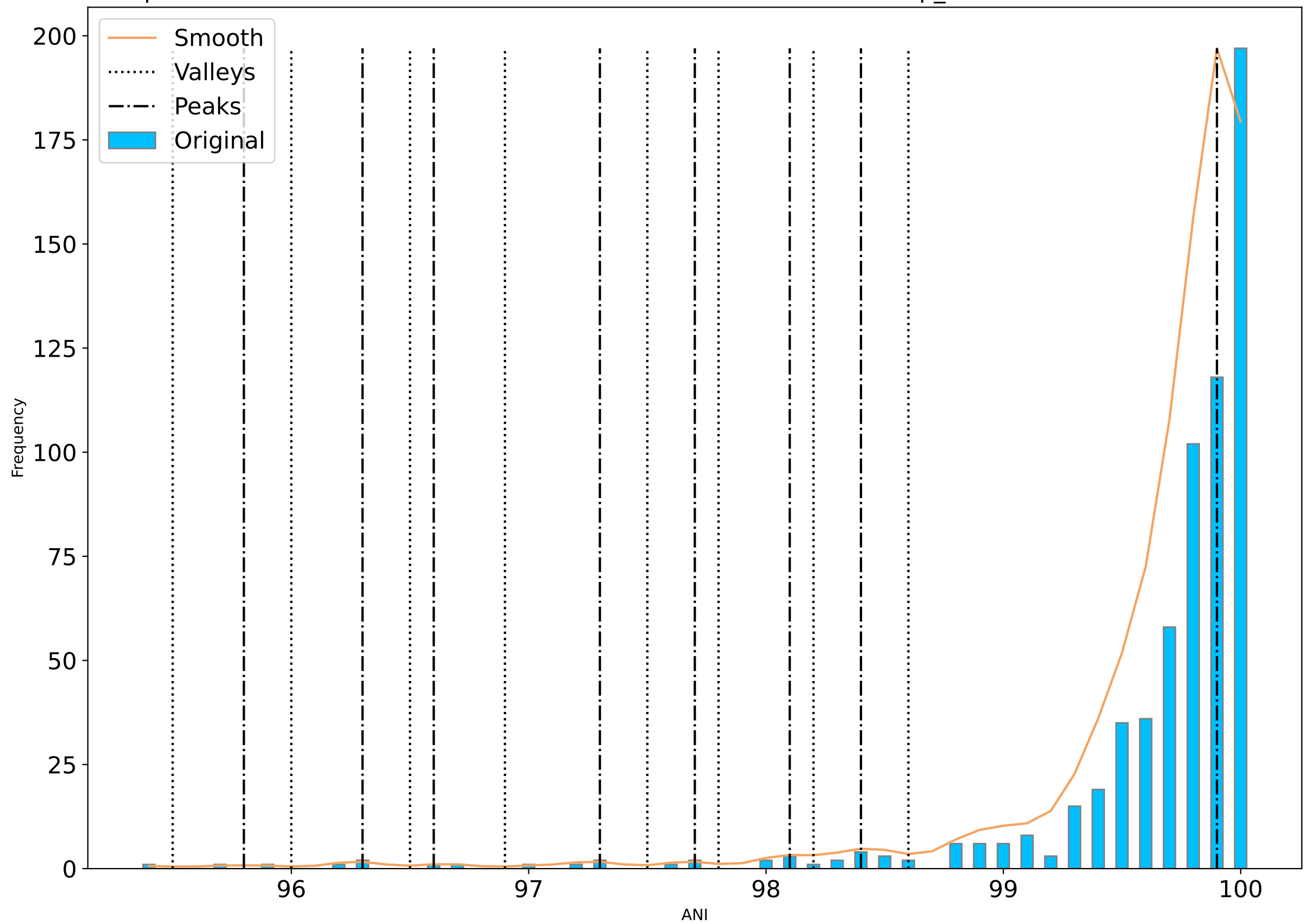
Norm_test 2.627927127281944e-69

Dip_test 0.0



Species_764
Group 2

Norm_test 1.0228202392218836e-122
Dip_test 0.0018158371292521513

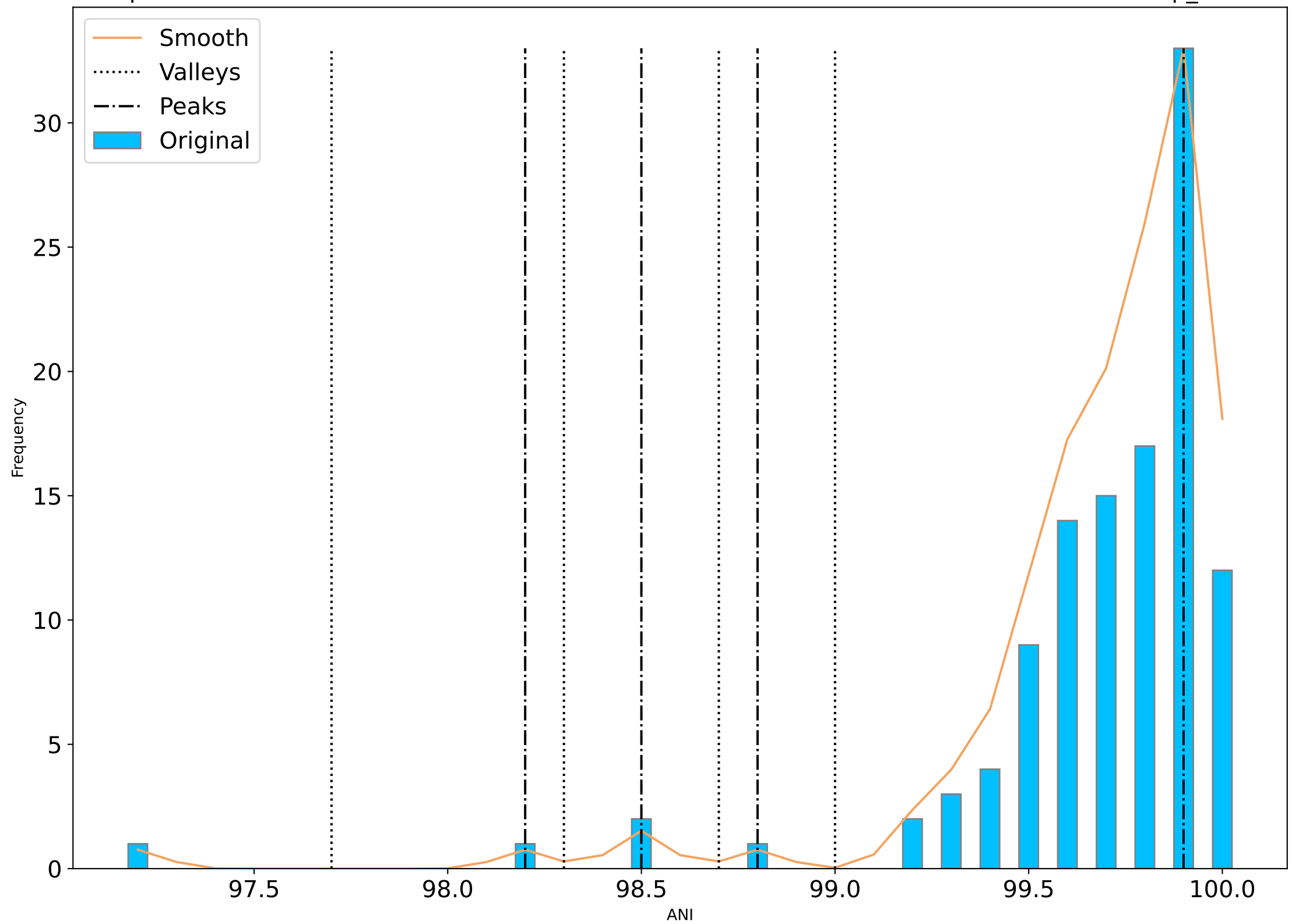


Species_769

Group 2

Norm_test 1.1052141518742585e-25

Dip_test 0.0

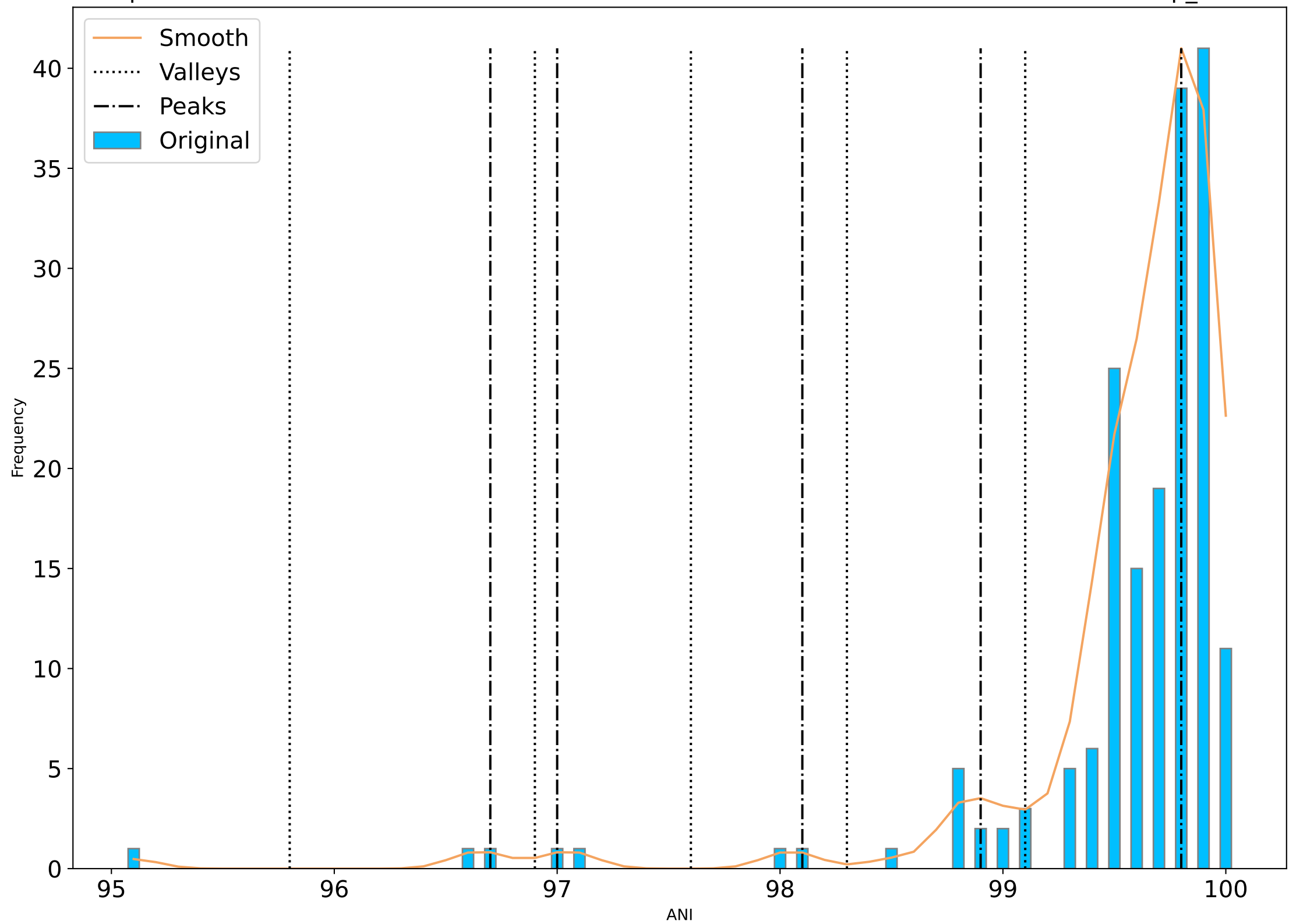


Species_772

Group 2

Norm_test 2.953906388968127e-41

Dip_test 0.0

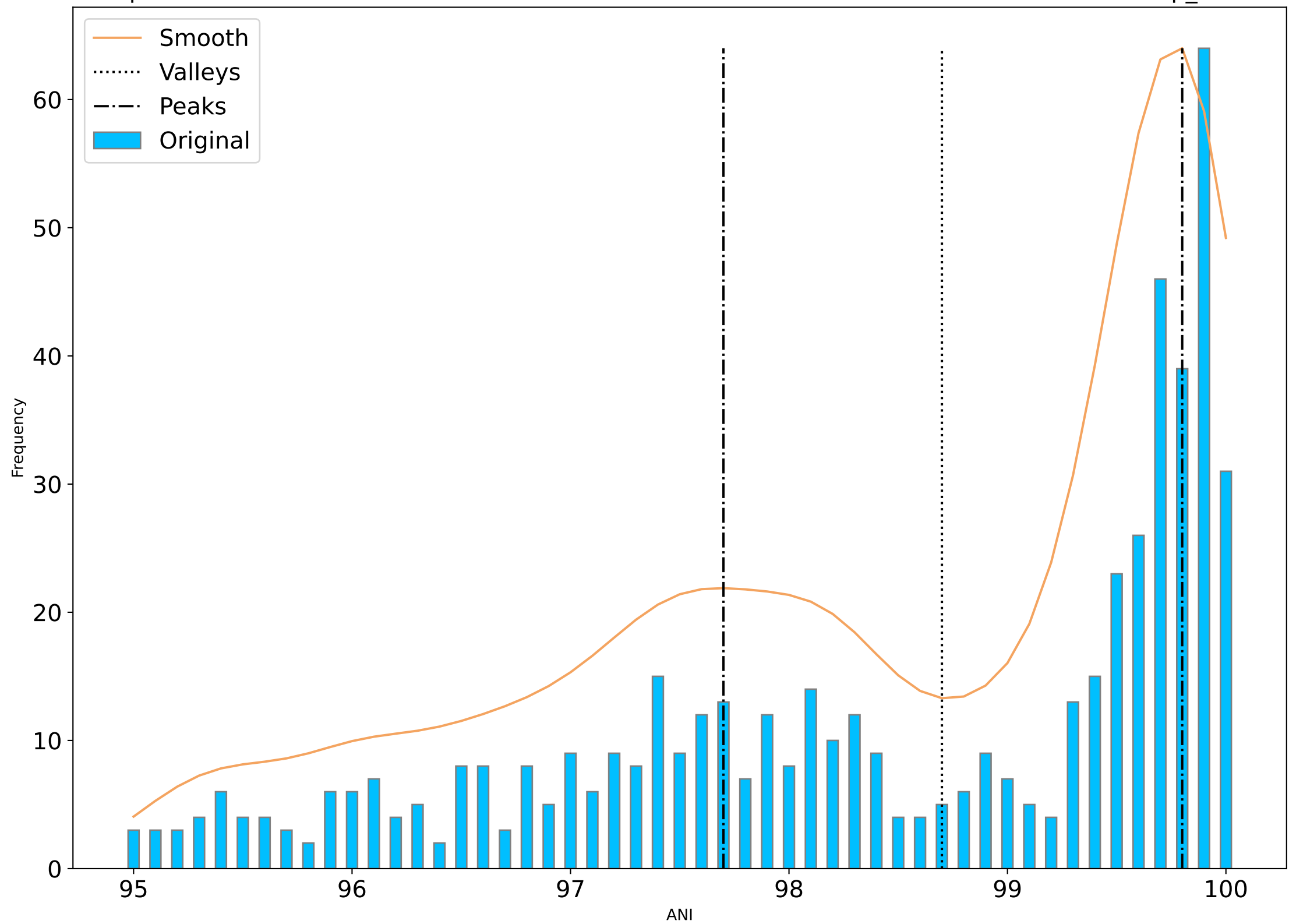


Species_773

Group 3

Norm_test 1.6272046534794848e-15

Dip_test 0.0

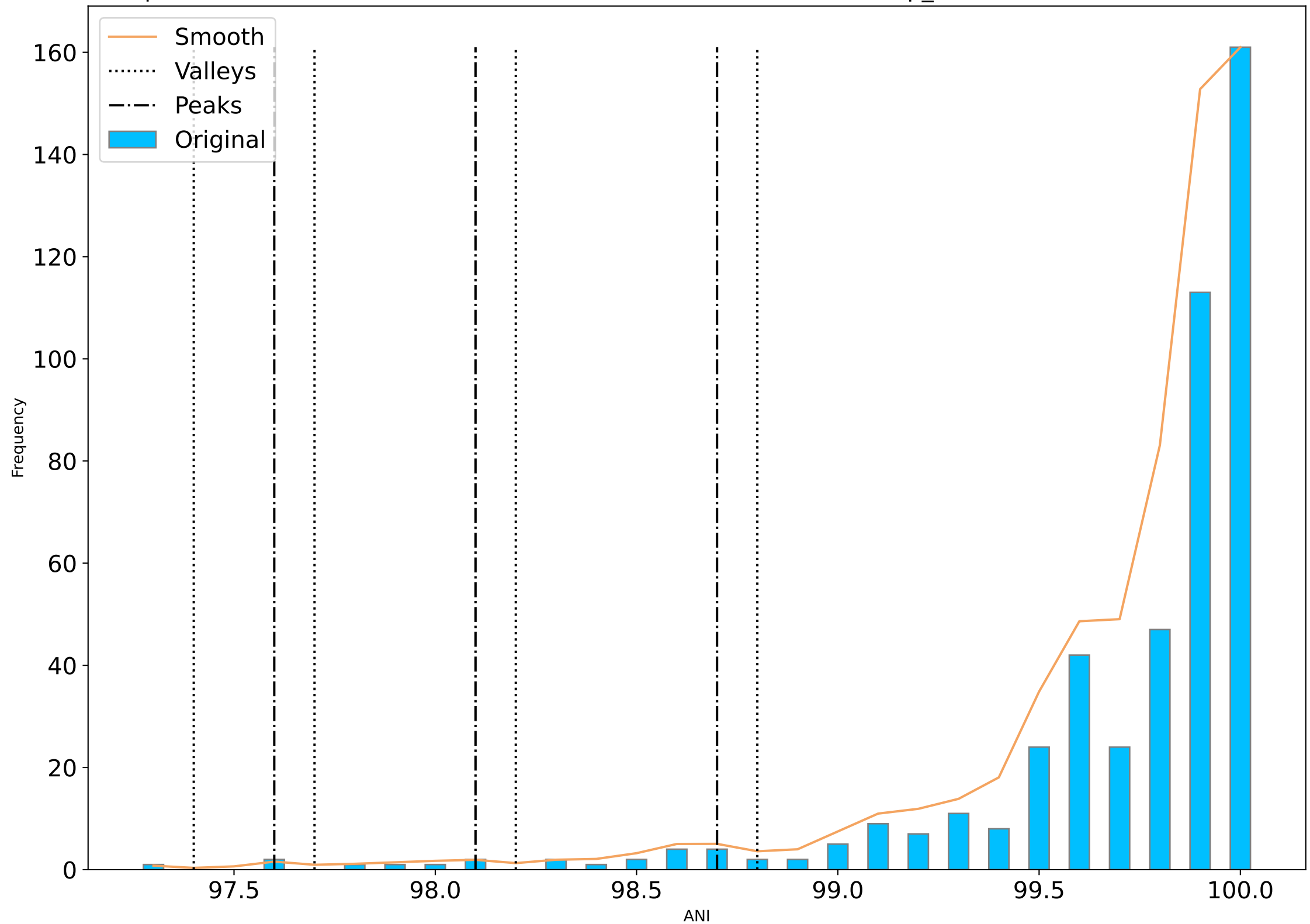


Species_775

Group 2

Norm_test 1.2886051492632276e-65

Dip_test 0.00016439867695827726

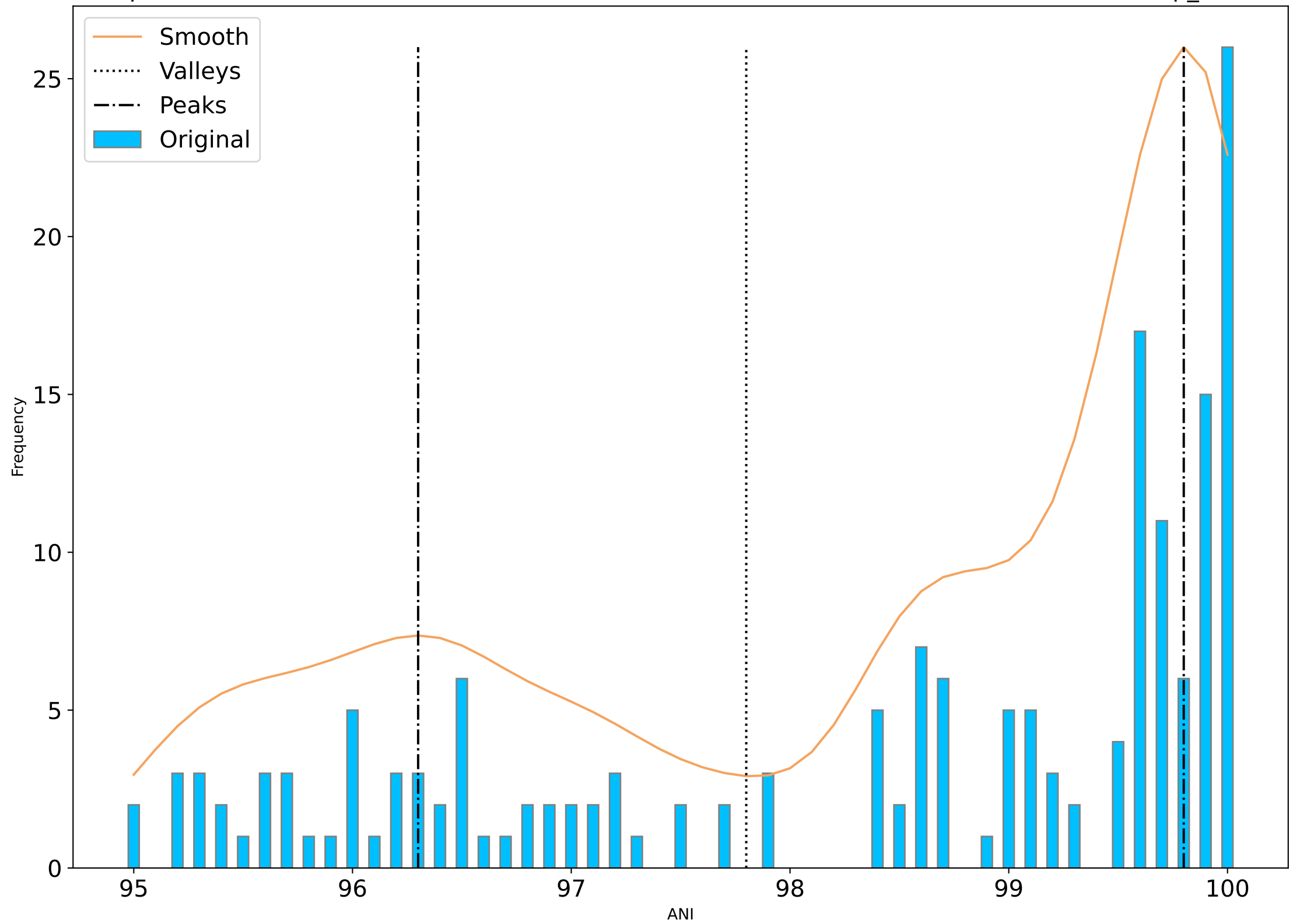


Species_779

Group 3

Norm_test 1.3911907833182692e-10

Dip_test 0.0

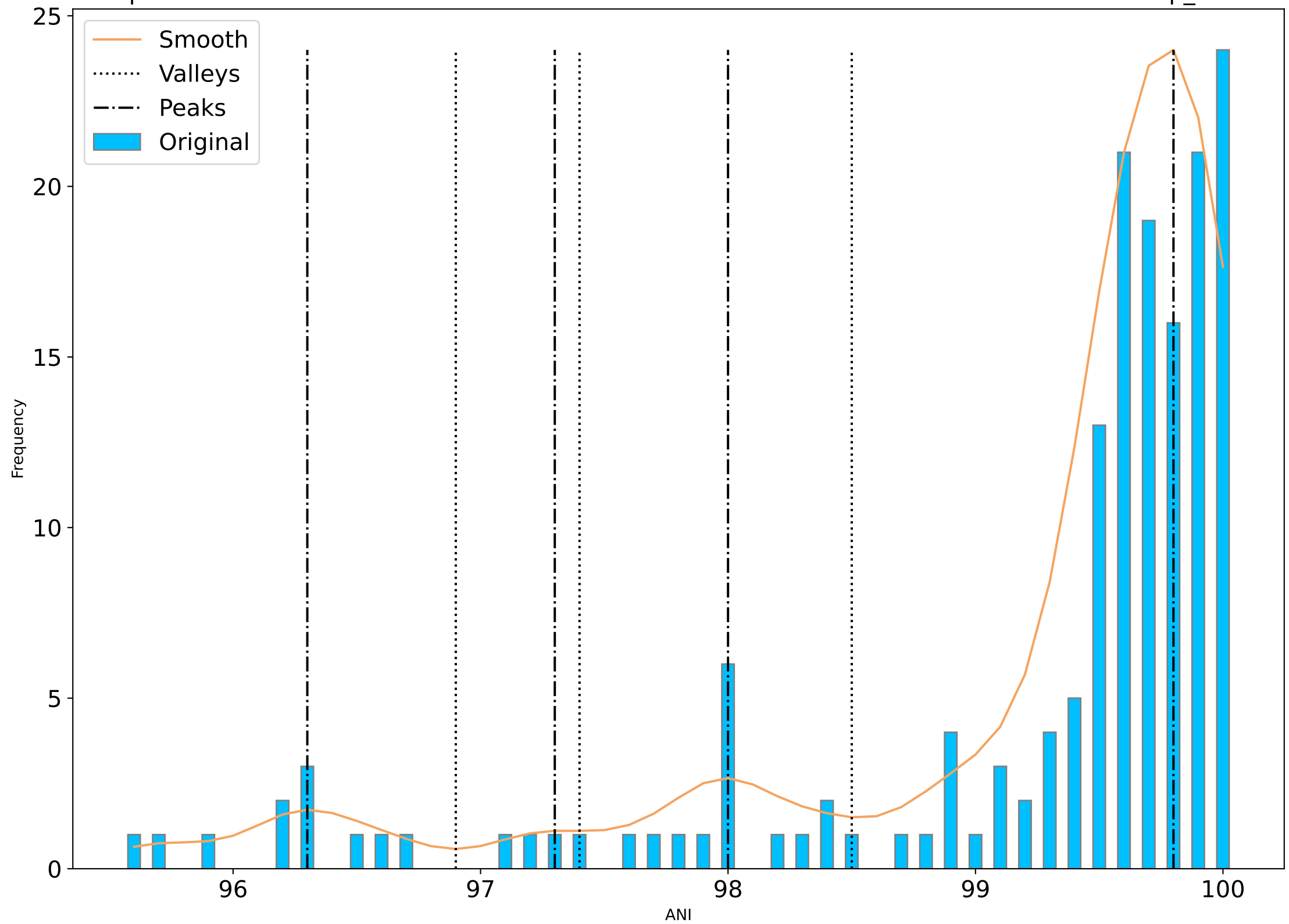


Species_780

Group 3

Norm_test 8.100028173865962e-16

Dip_test 0.0

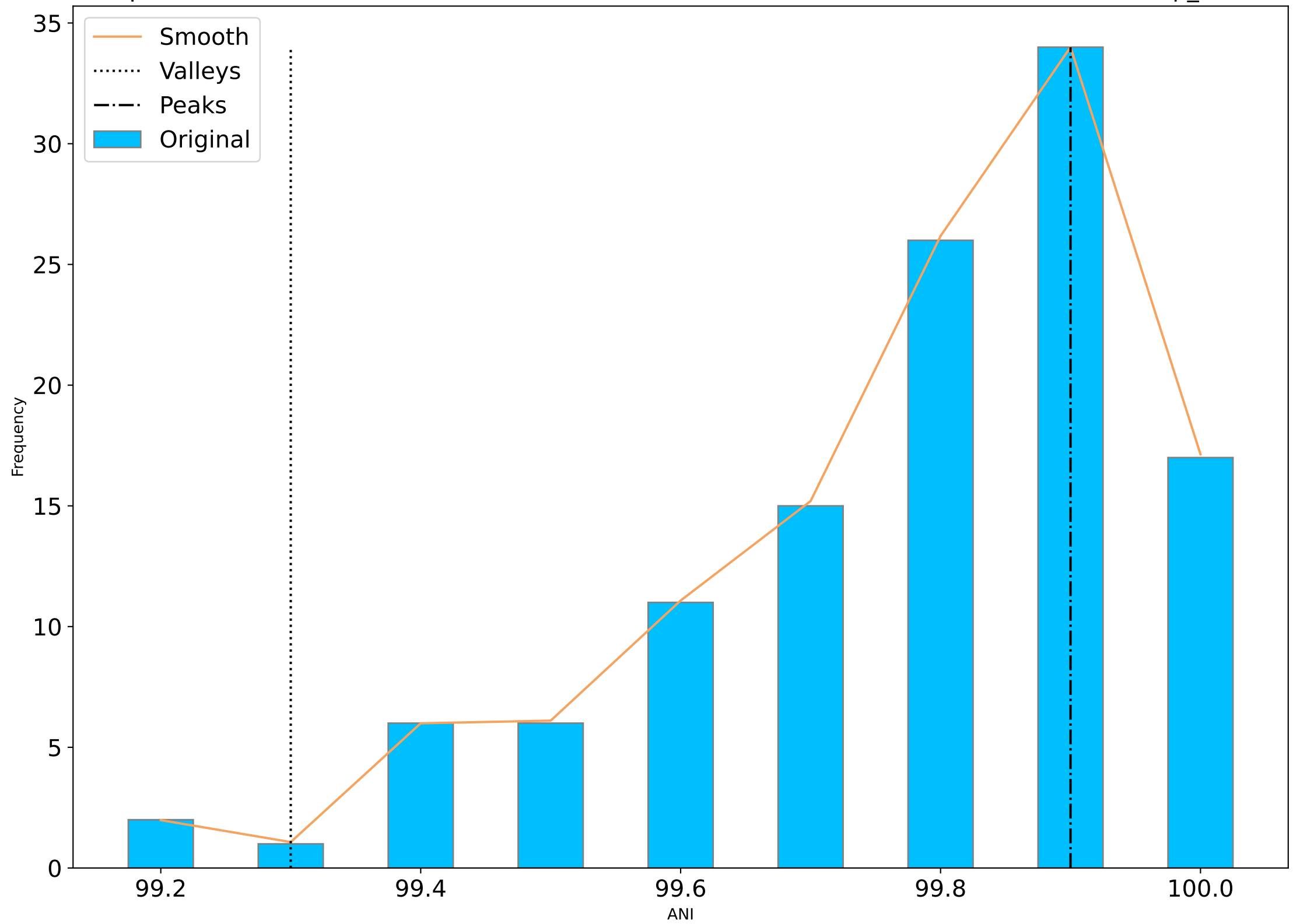


Species_782

Group 2

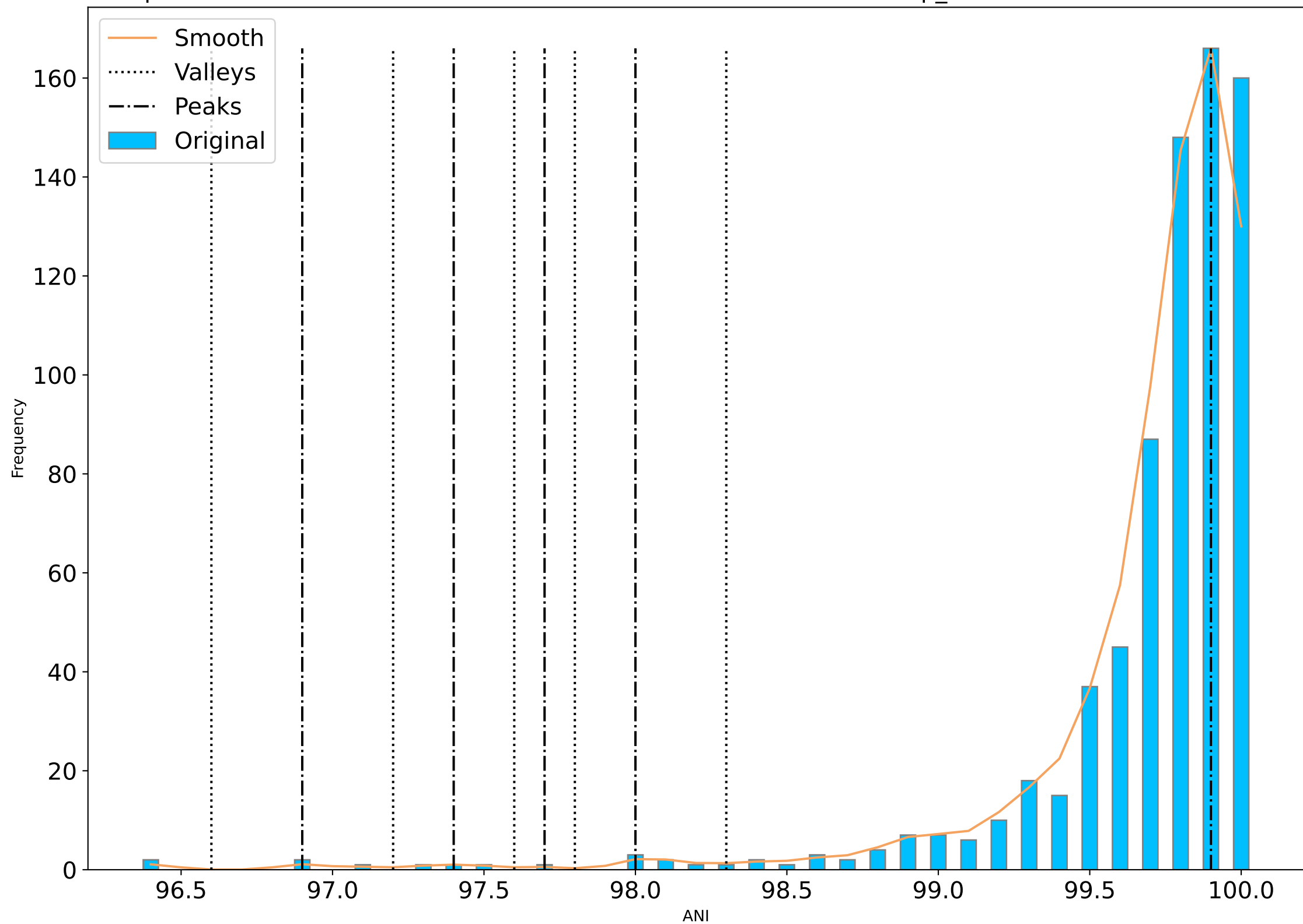
Norm_test 2.9135843061362384e-05

Dip_test 0.0



Species_784
Group 2

Norm_test 6.6399160267515796e-139
Dip_test 0.0010244393571897659

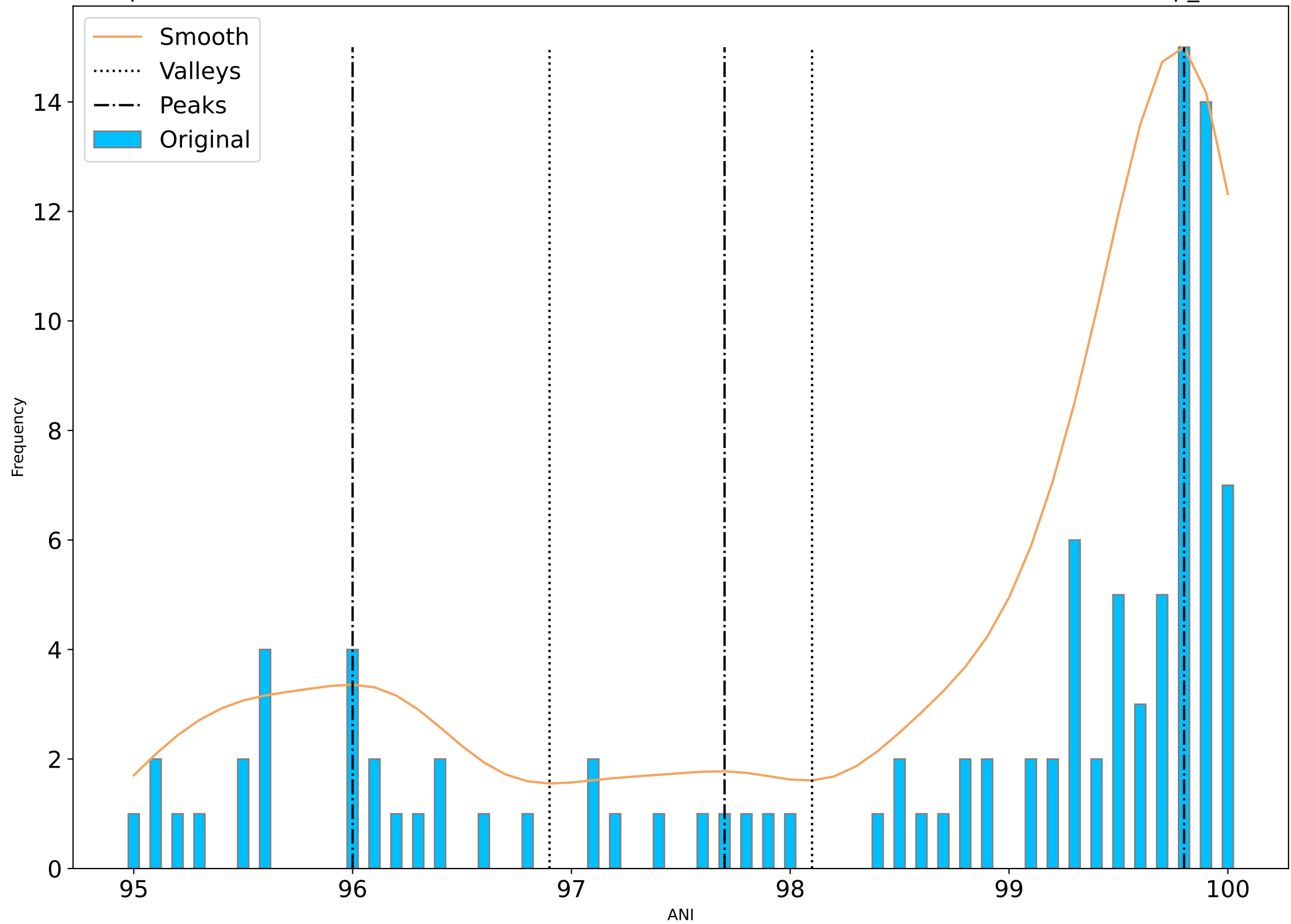


Species_788

Group 3

Norm_test 0.00024843654692199515

Dip_test 0.0

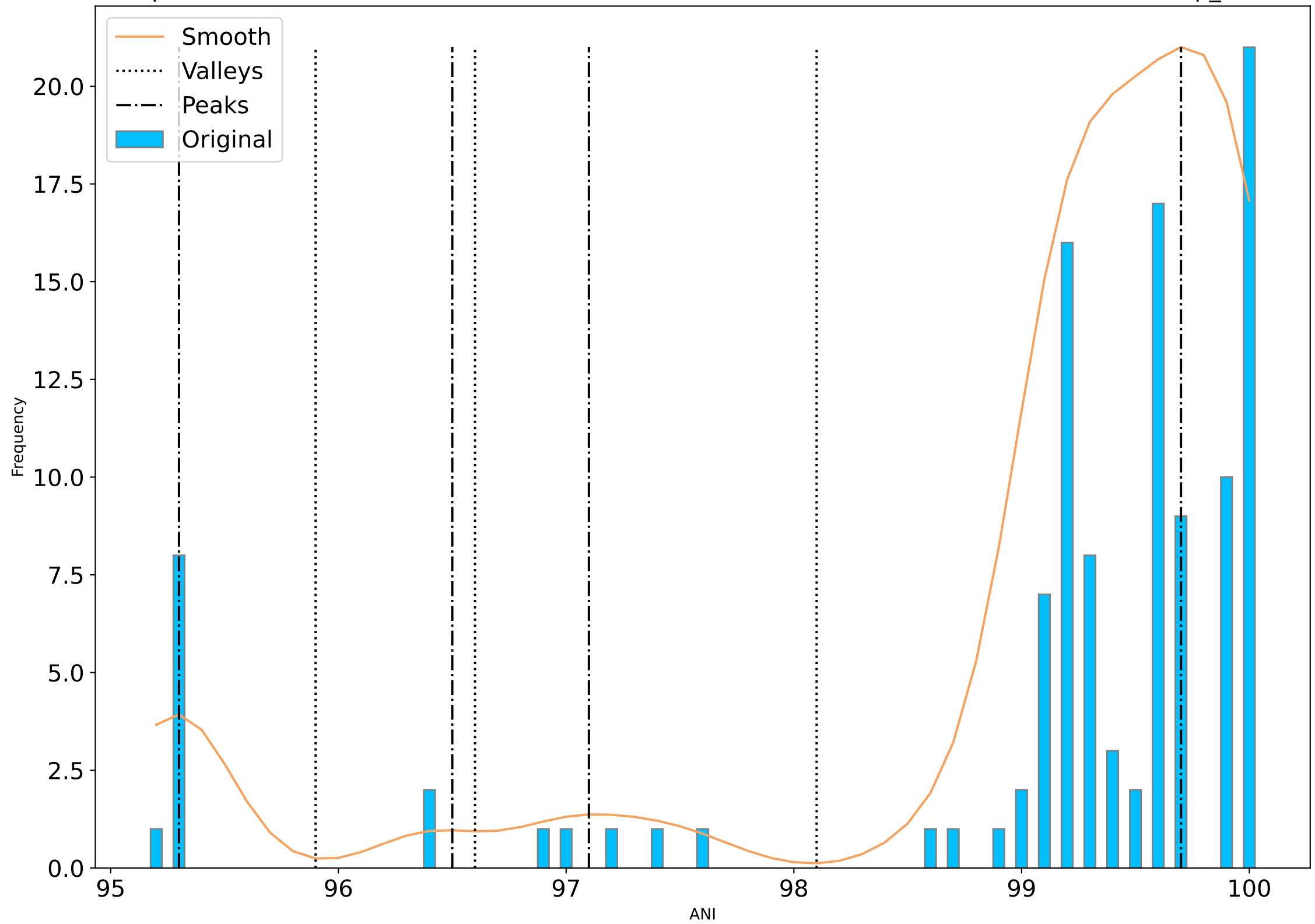


Species_801

Group 3

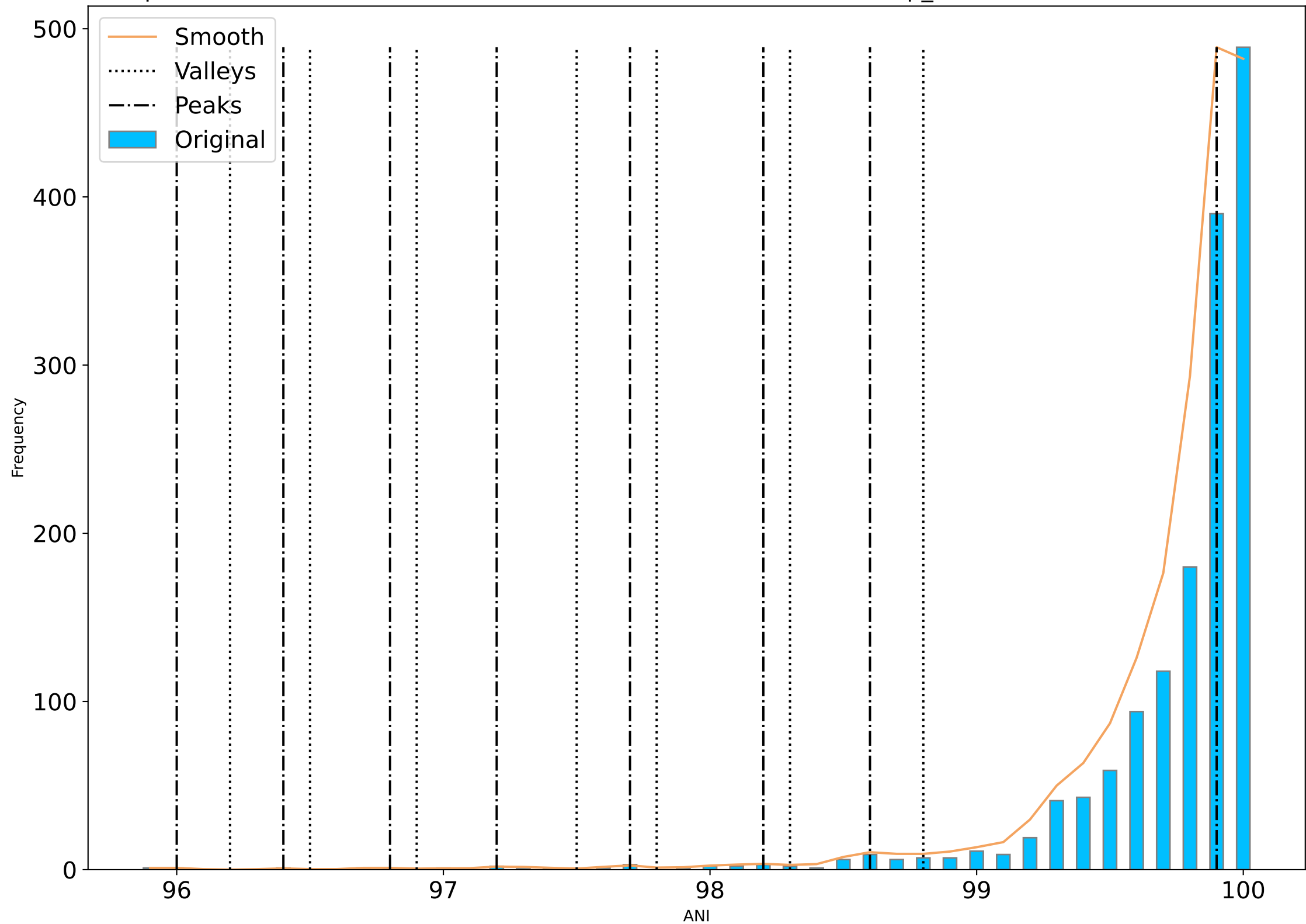
Norm_test 1.2344857068062447e-12

Dip_test 0.0



Species_803
Group 2

Norm_test 9.399887893507217e-296
Dip_test 0.00014663713535312262

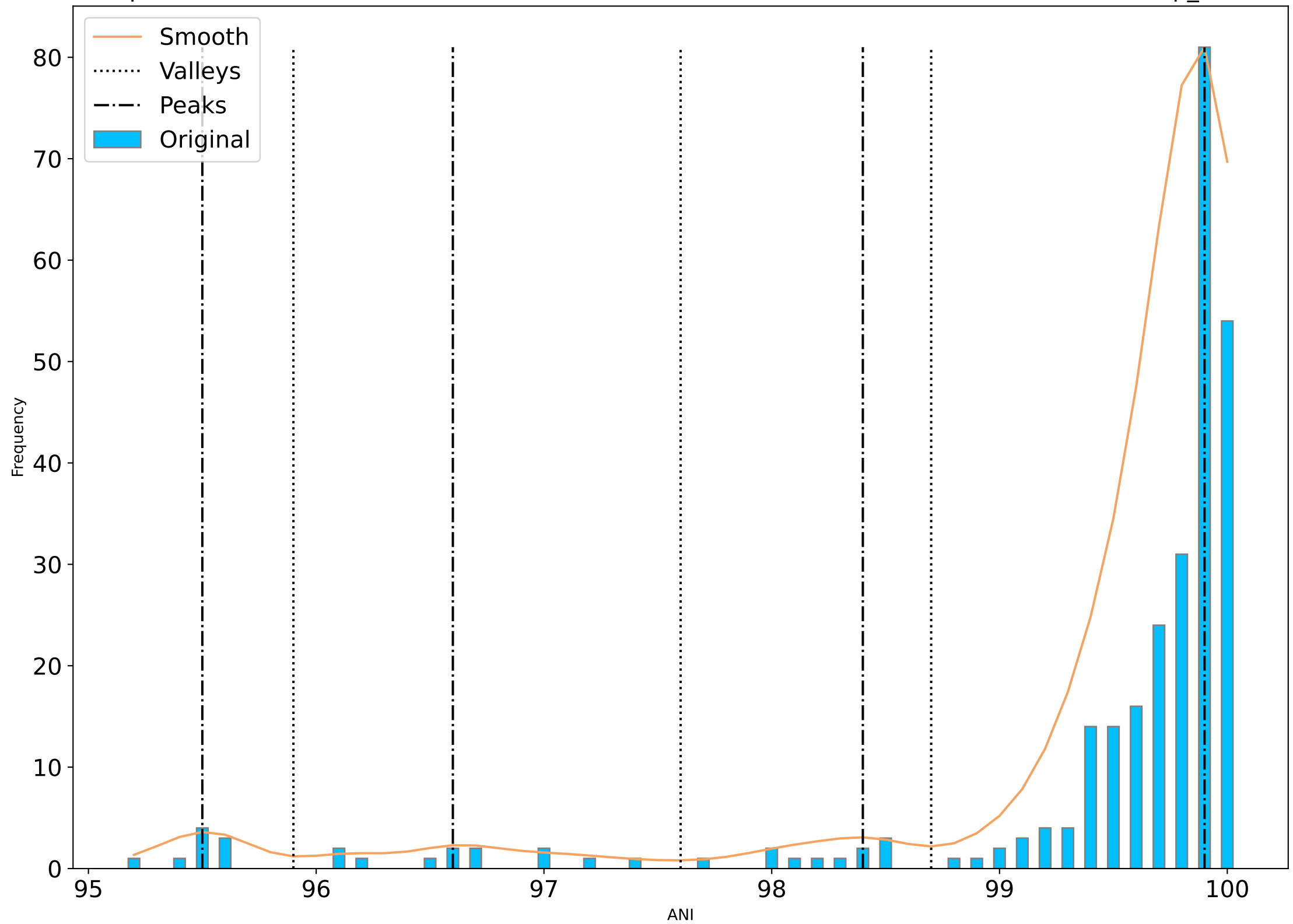


Species_807

Group 3

Norm_test 1.3481946347534157e-39

Dip_test 0.0

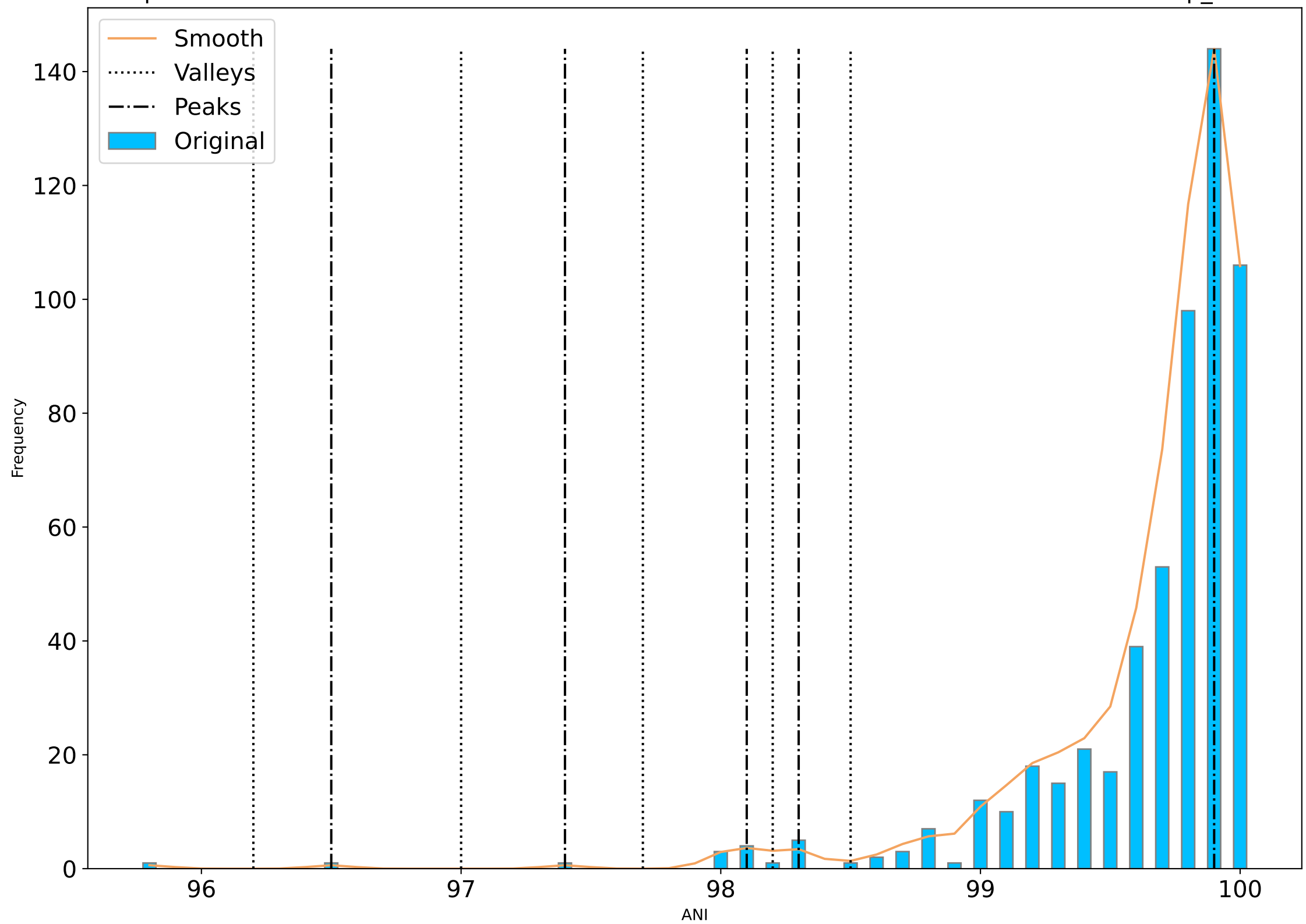


Species_809

Group 2

Norm_test 1.6879345674985964e-97

Dip_test 0.0

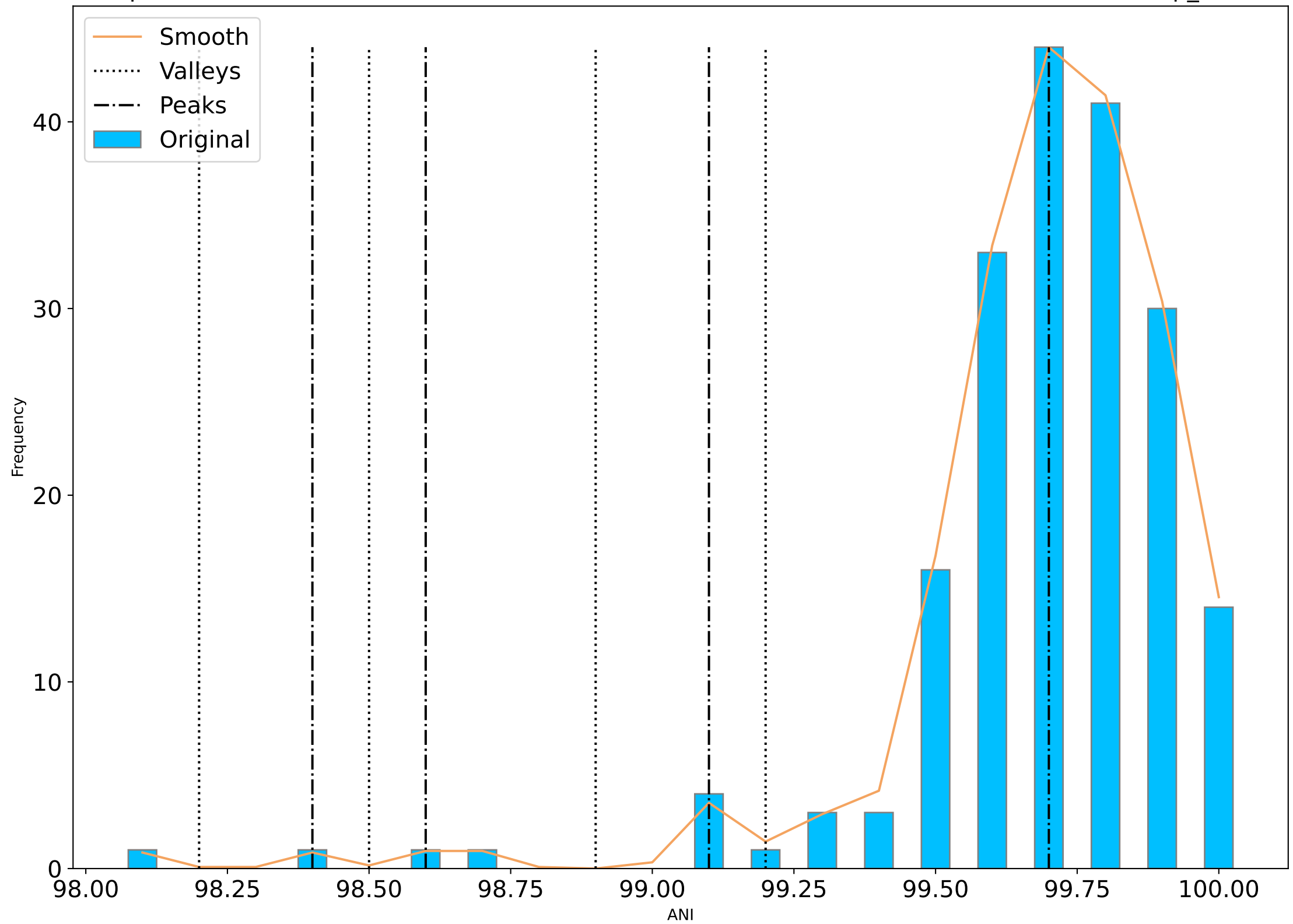


Species_810

Group 2

Norm_test 5.198692587048655e-32

Dip_test 0.0

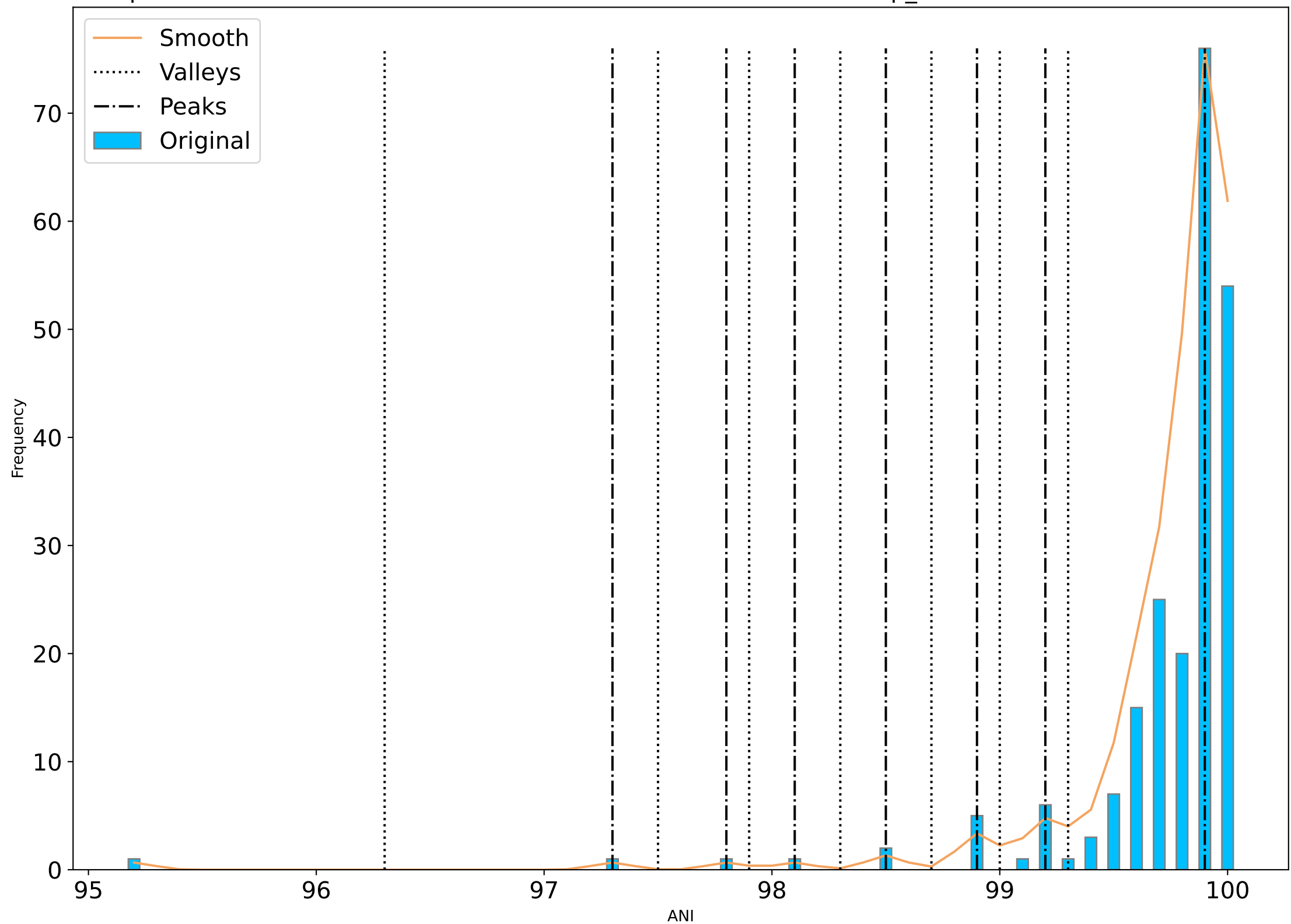


Species_814

Group 2

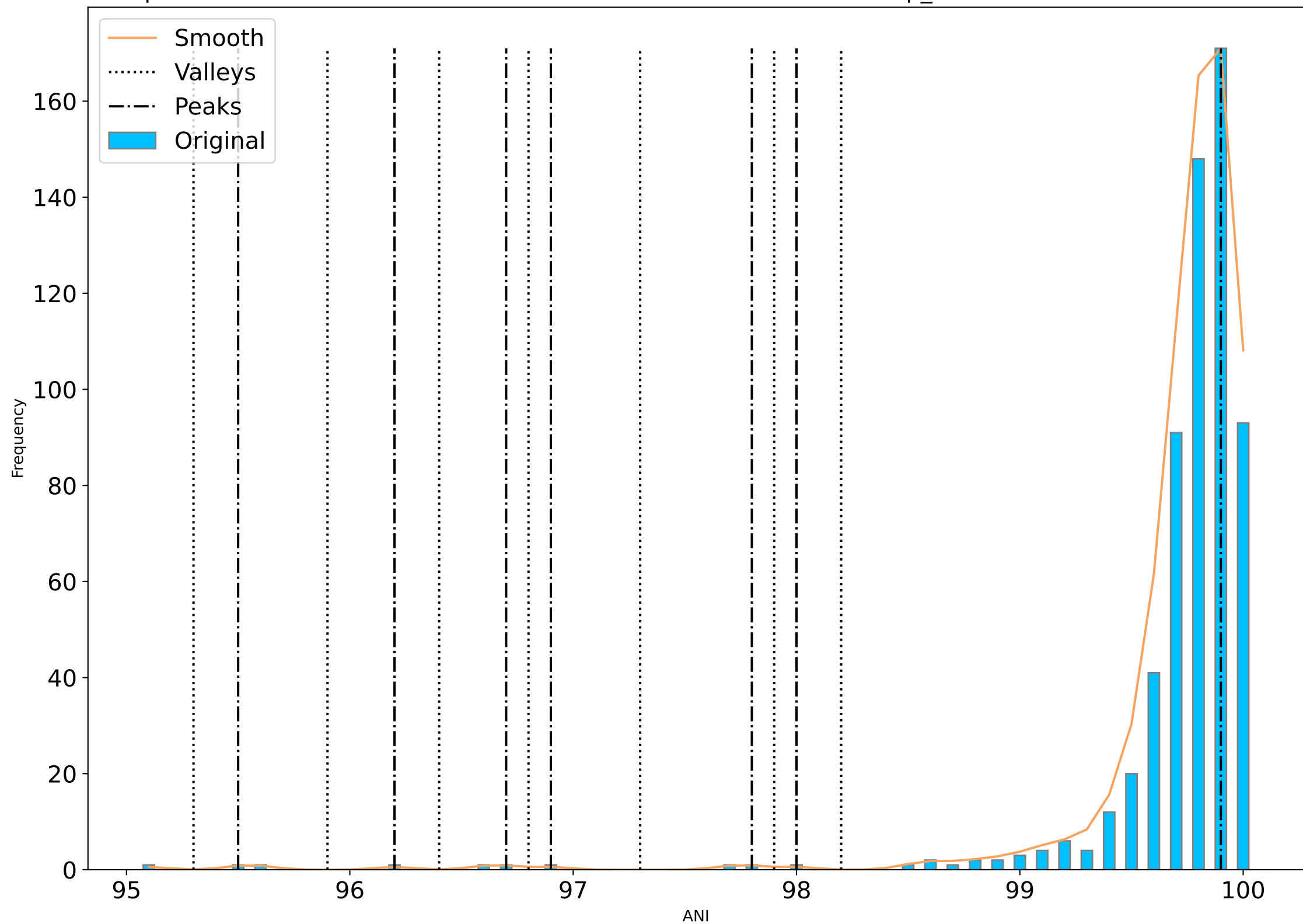
Norm_test 1.702313780678963e-62

Dip_test 0.00018525255636803184



Species_816
Group 2

Norm_test 1.4054409936100573e-165
Dip_test 0.00040677732678384704

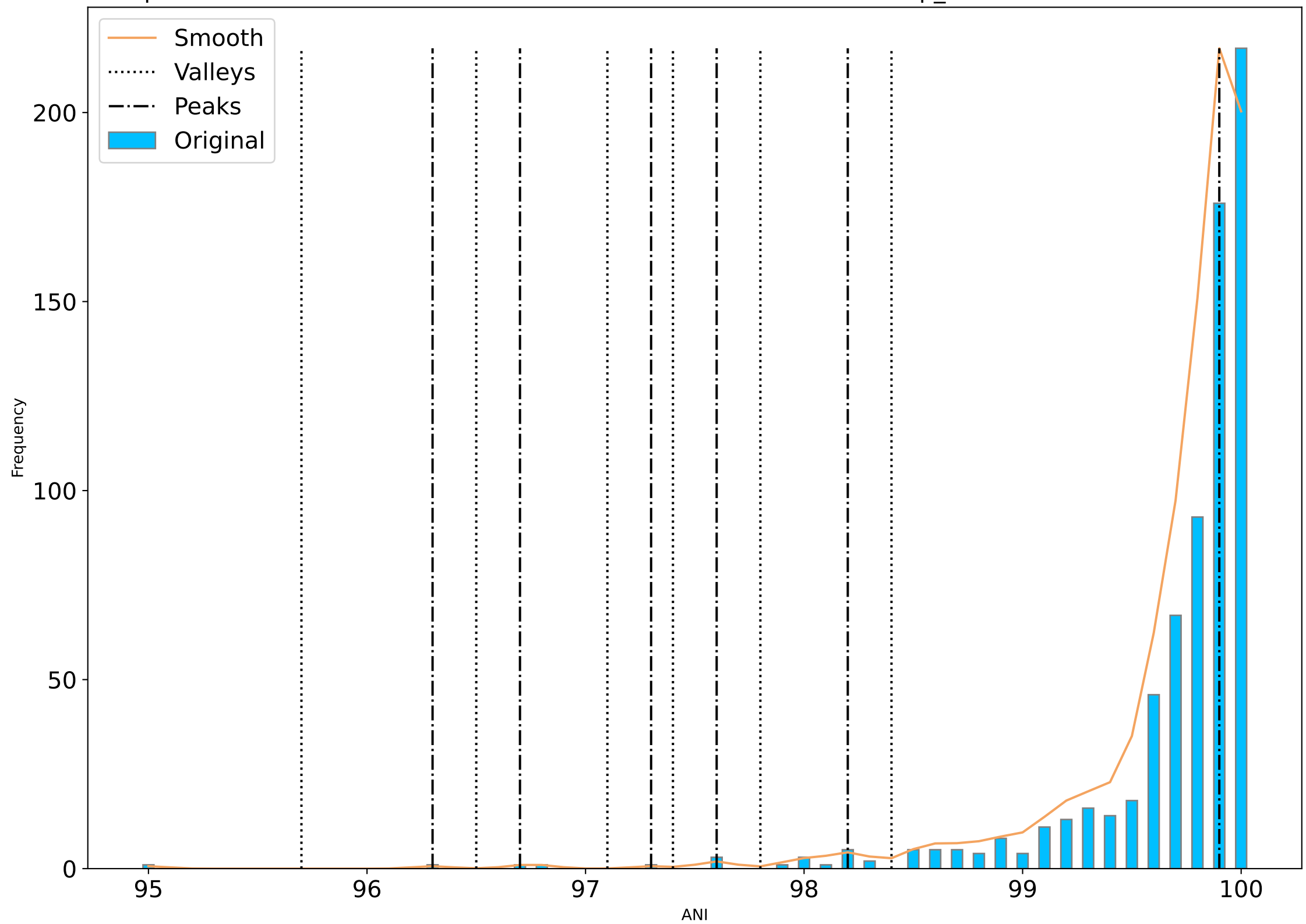


Species_832

Group 2

Norm_test 3.810442736623583e-138

Dip_test 0.0004918632670550815

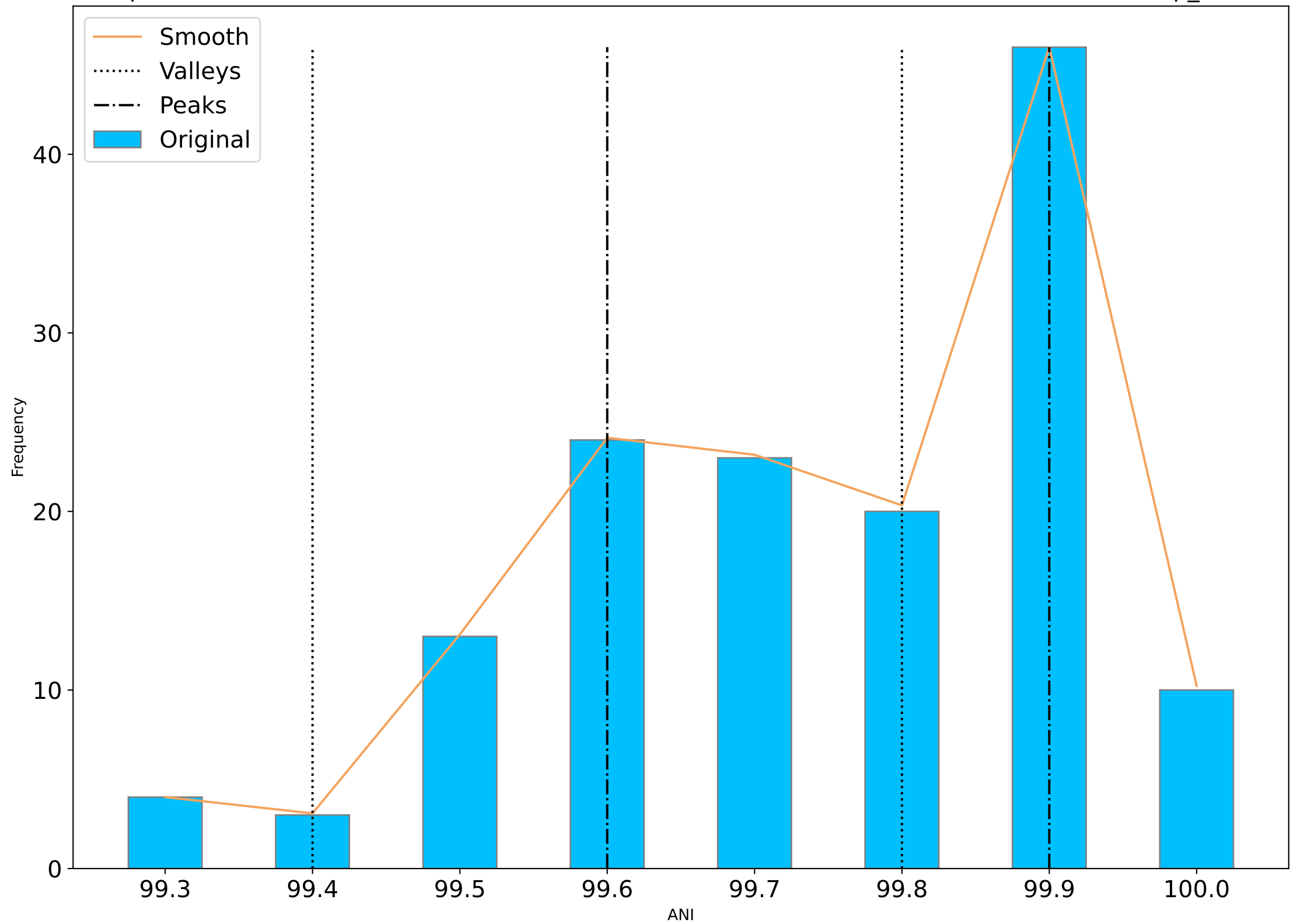


Species_838

Group 2

Norm_test 0.003953207655784652

Dip_test 0.0

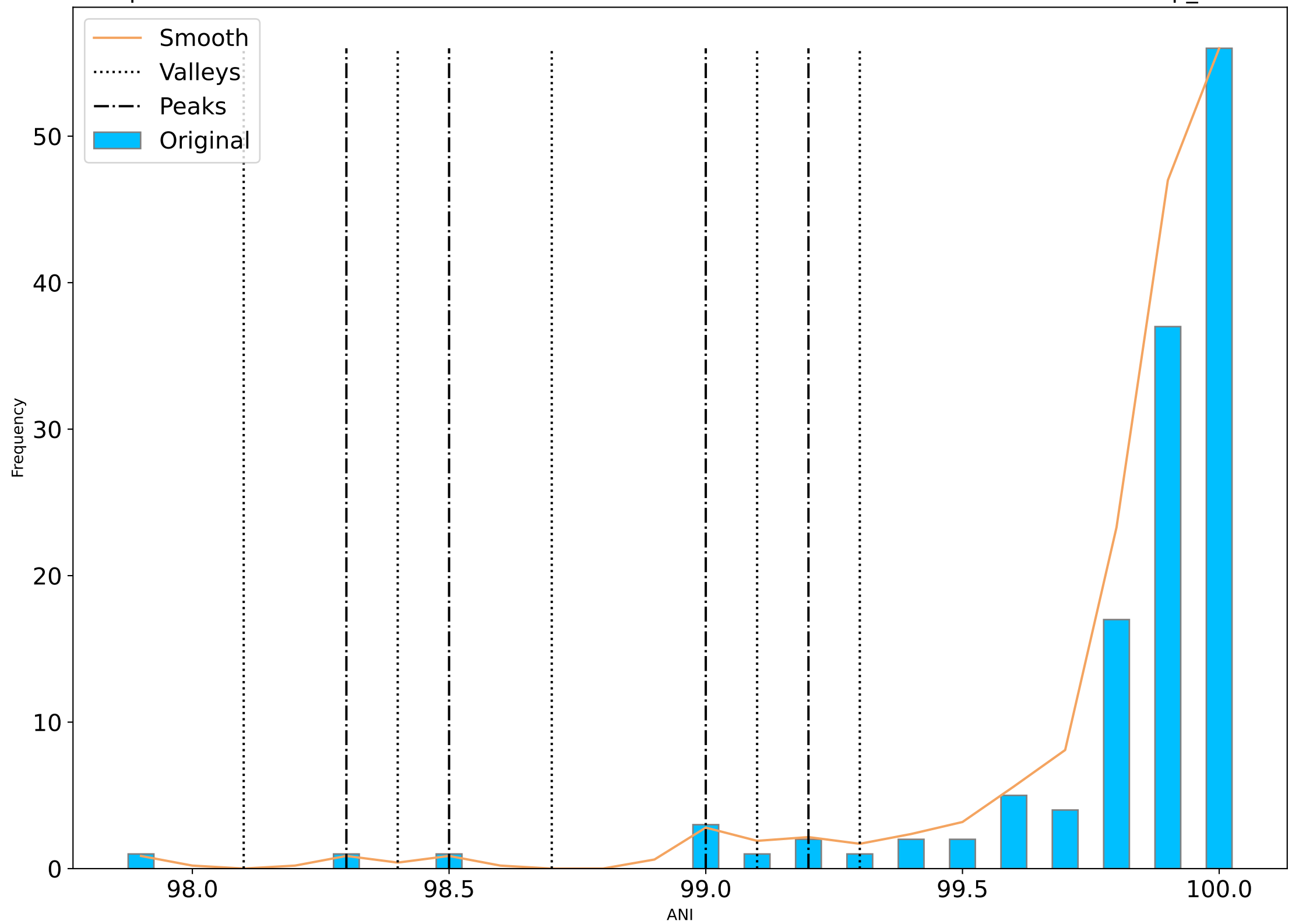


Species_839

Group 2

Norm_test 7.222372159132637e-28

Dip_test 0.0

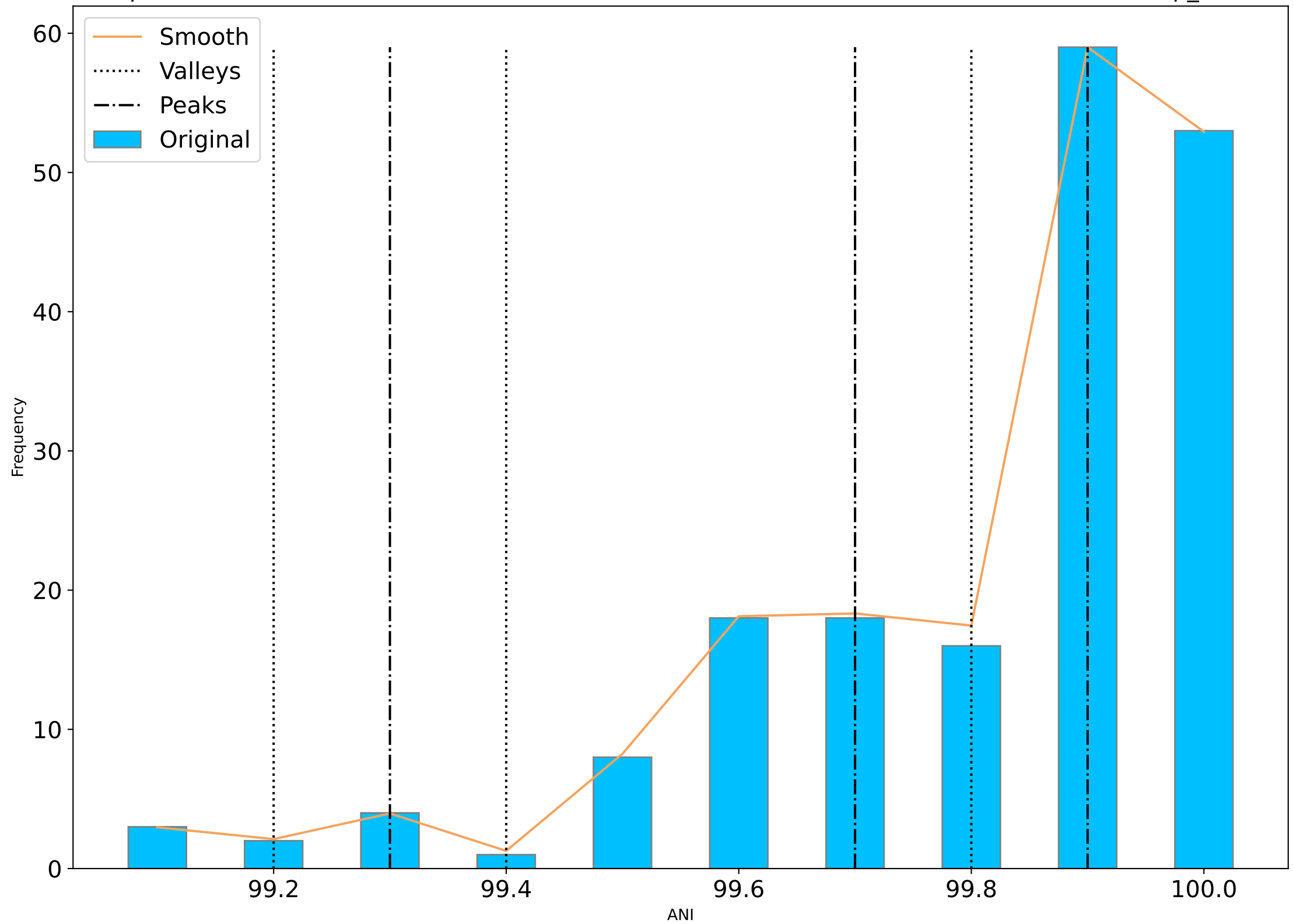


Species_862

Group 2

Norm_test 2.437807870738173e-13

Dip_test 0.0

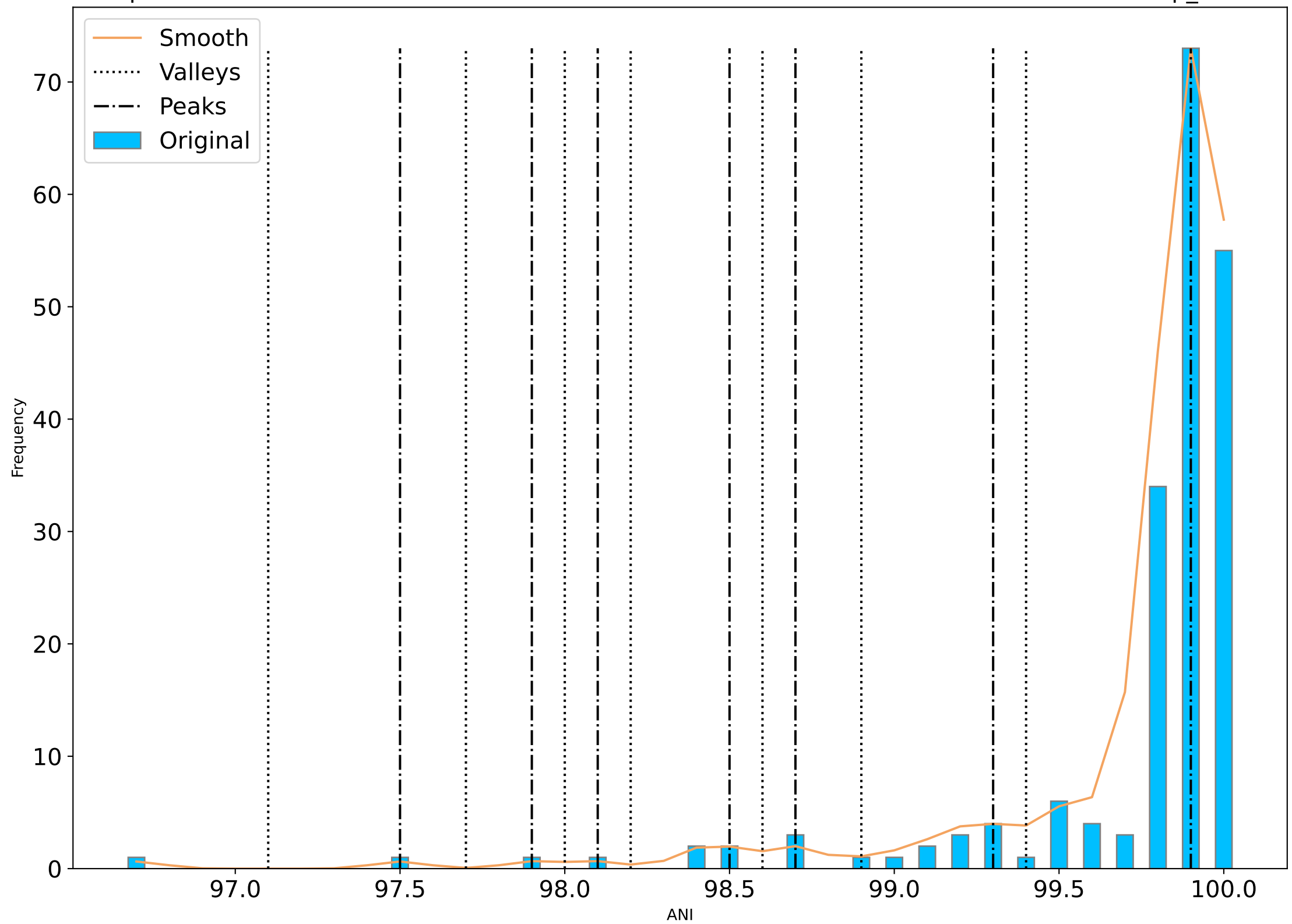


Species_863

Group 2

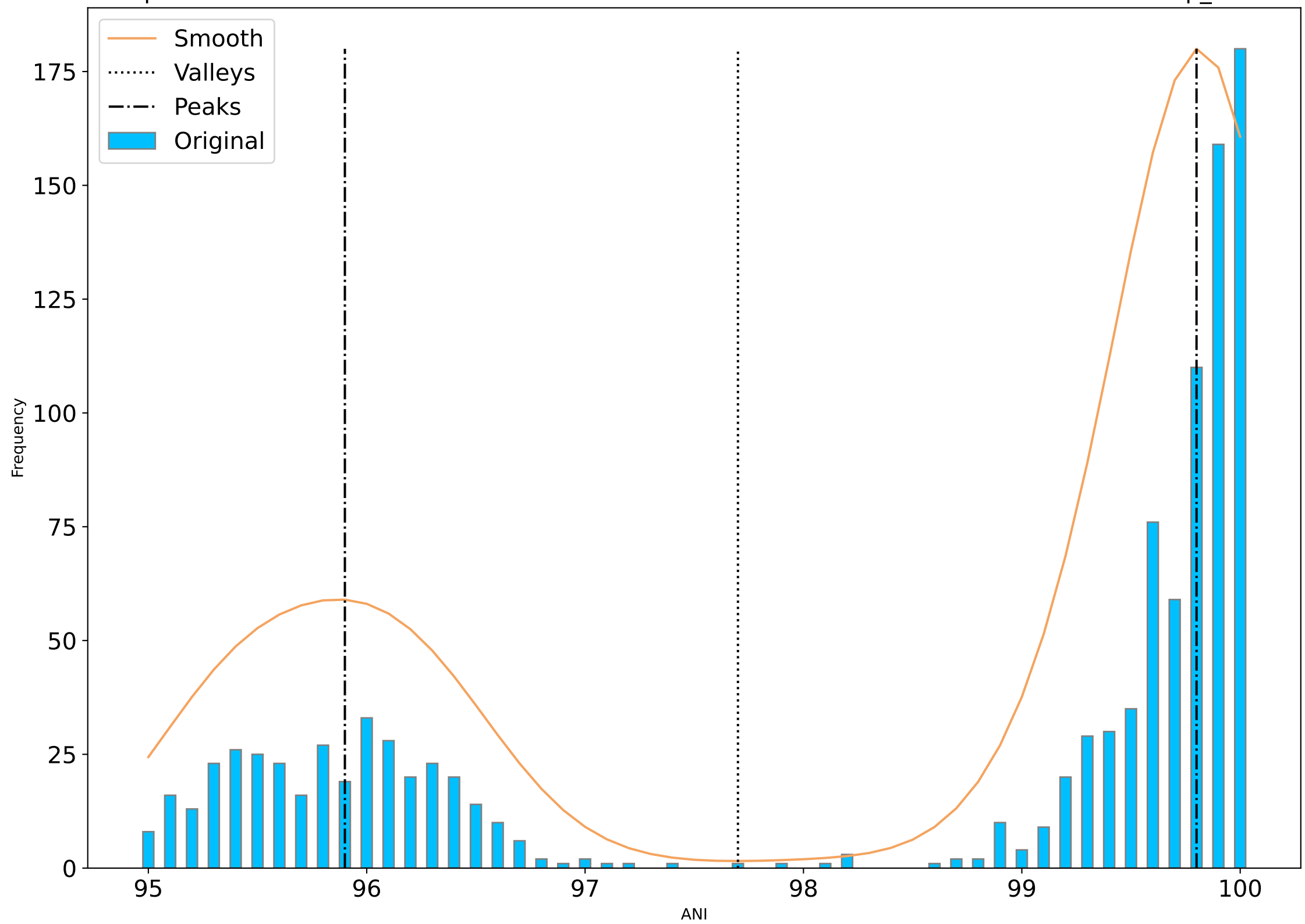
Norm_test 6.297644741725203e-39

Dip_test 0.0



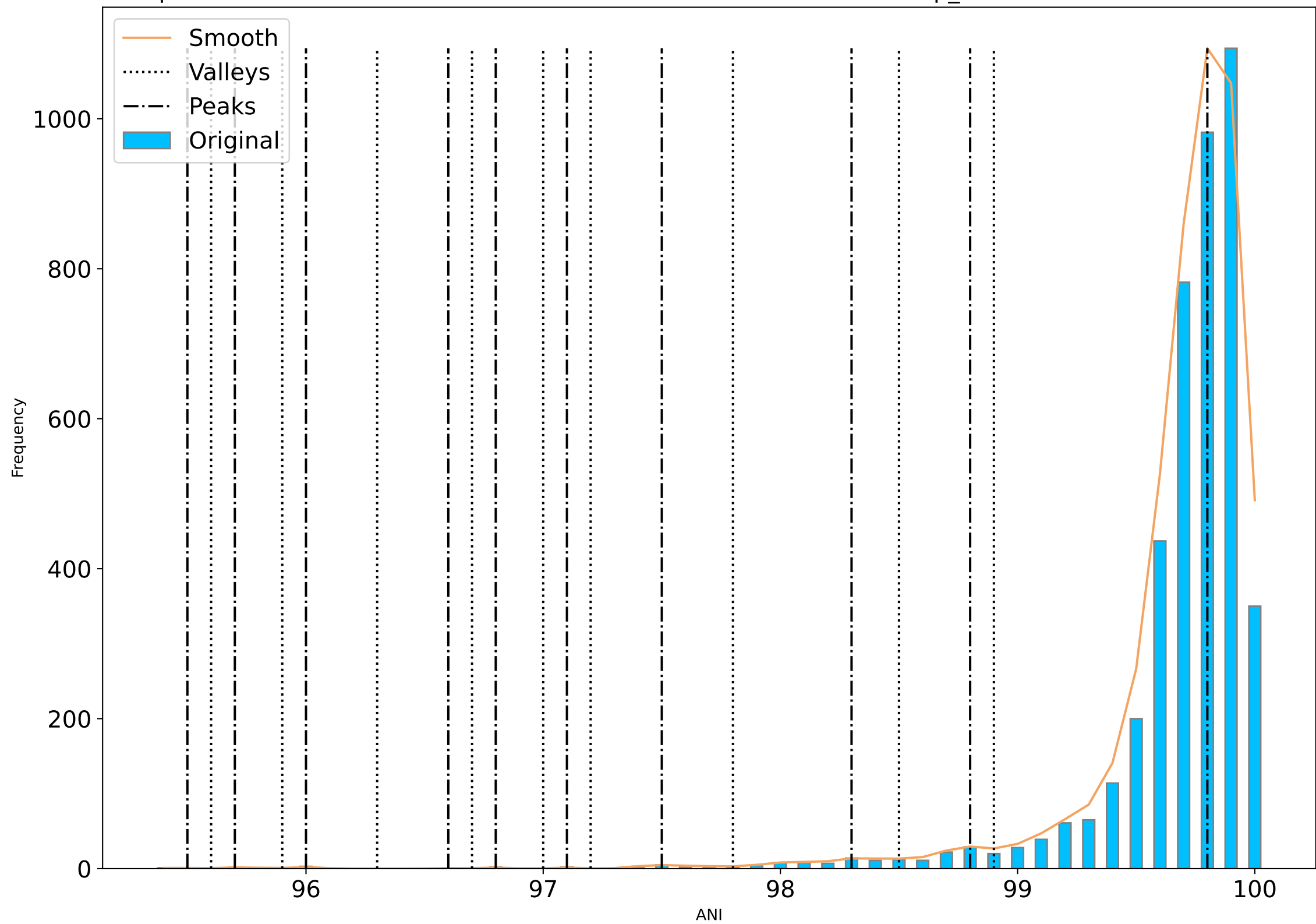
Species_864
Group 3

Norm_test 0.0
Dip_test 0.0



Species_866
Group 2

Norm_test 0.0
Dip_test 0.0006538339329258402

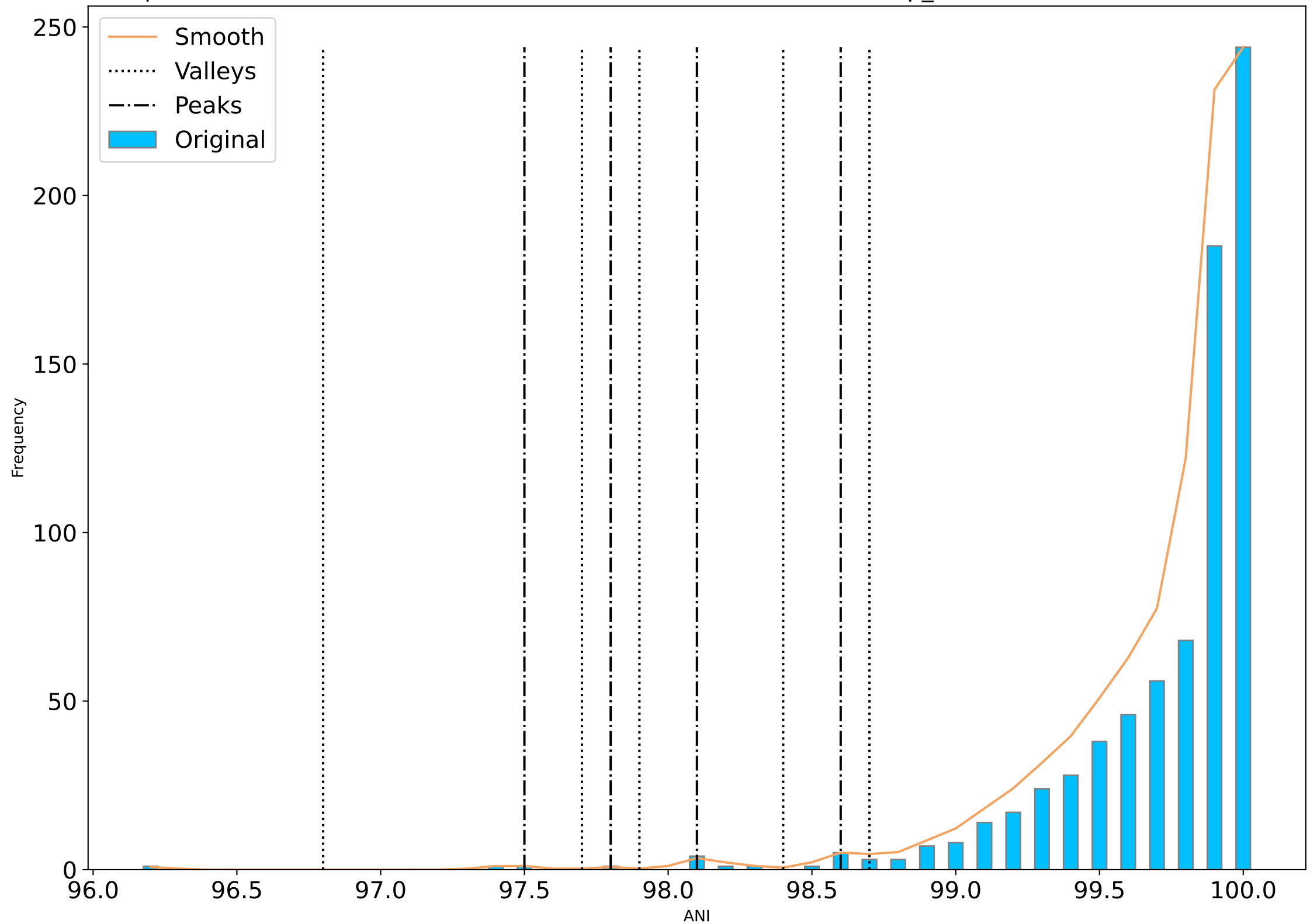


Species_869

Group 2

Norm_test 3.763073976761591e-122

Dip_test 0.00015257691430548004

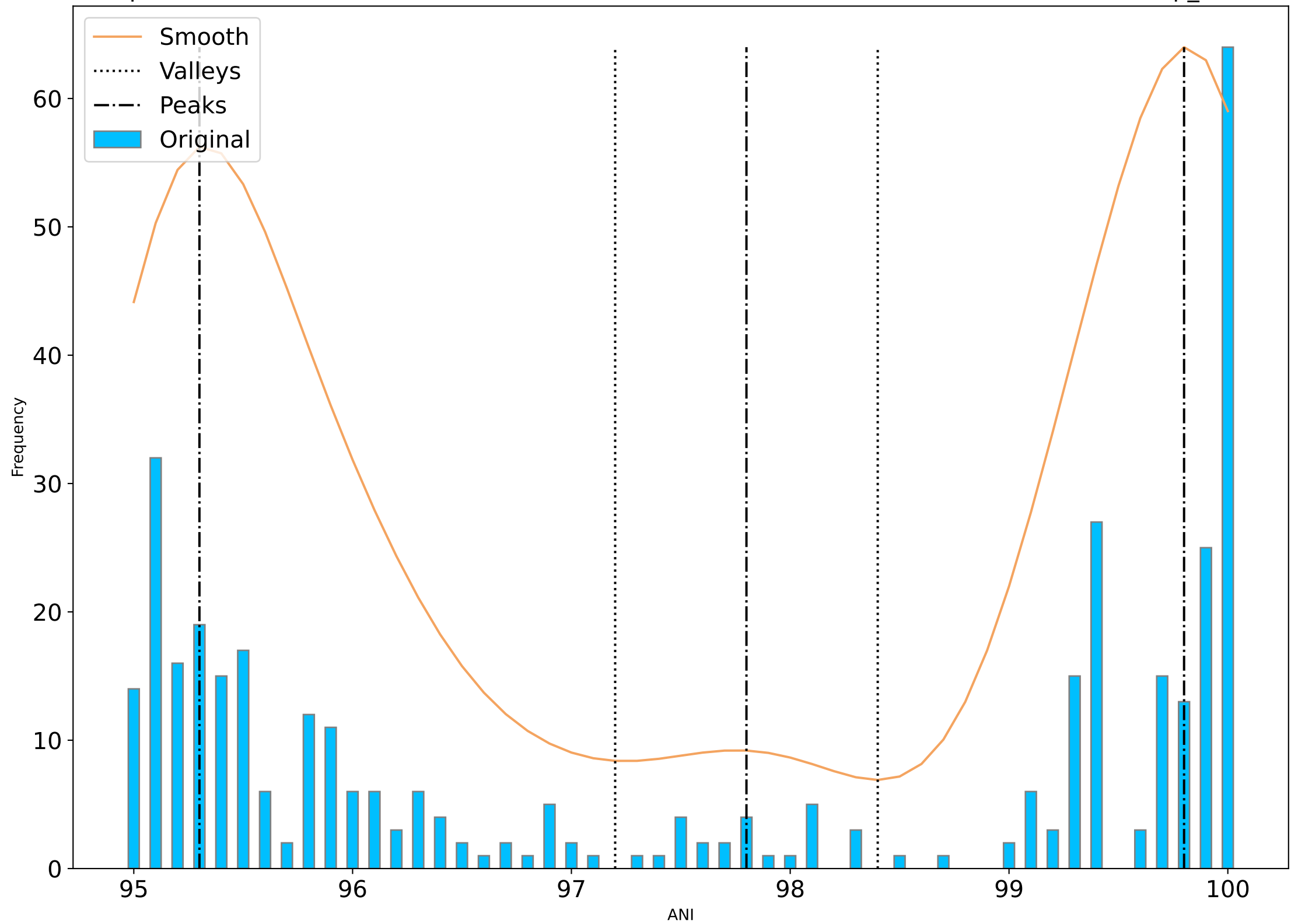


Species_871

Group 3

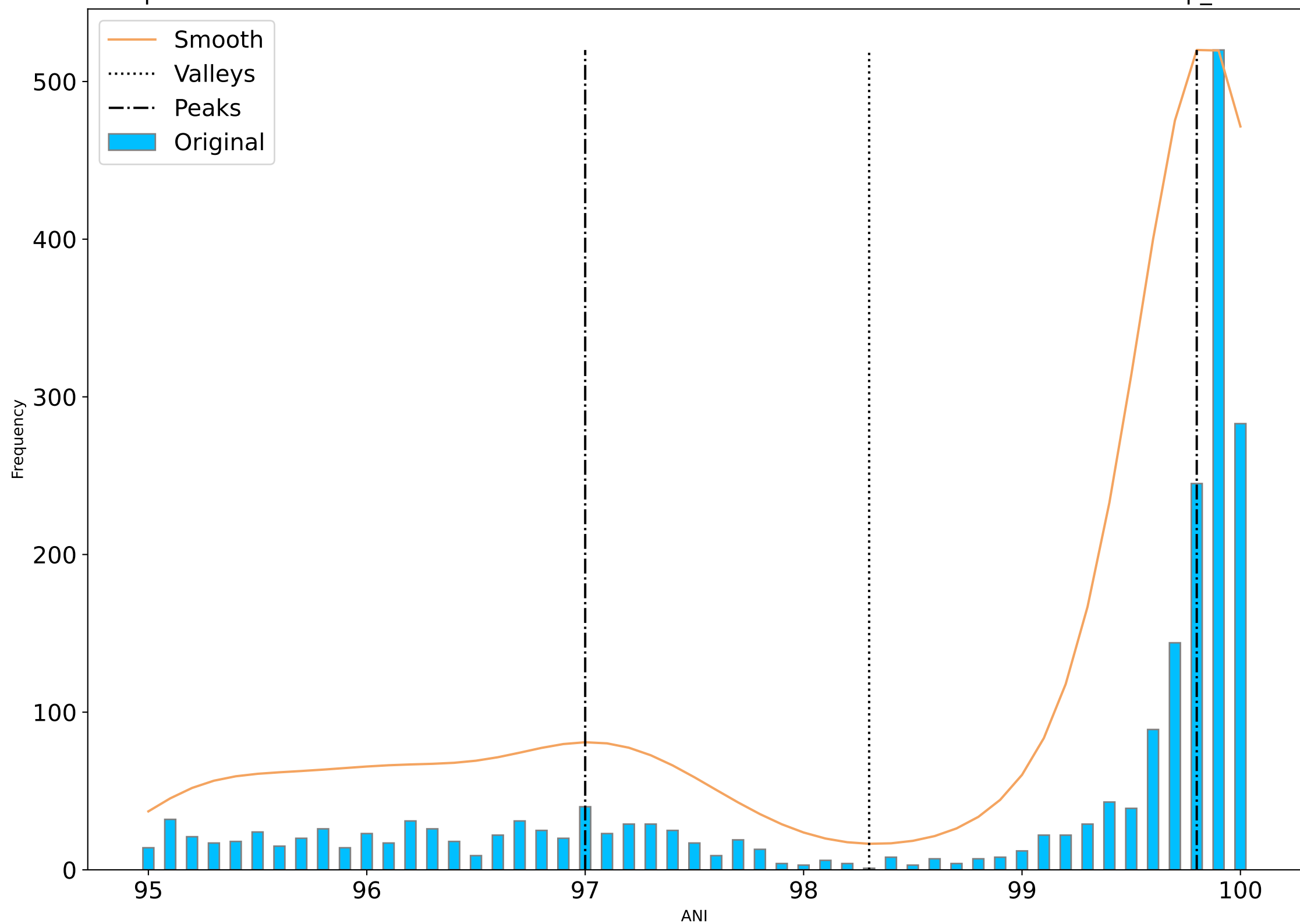
Norm_test 0.0

Dip_test 0.0



Species_872
Group 3

Norm_test 4.987161262997618e-69
Dip_test 0.0

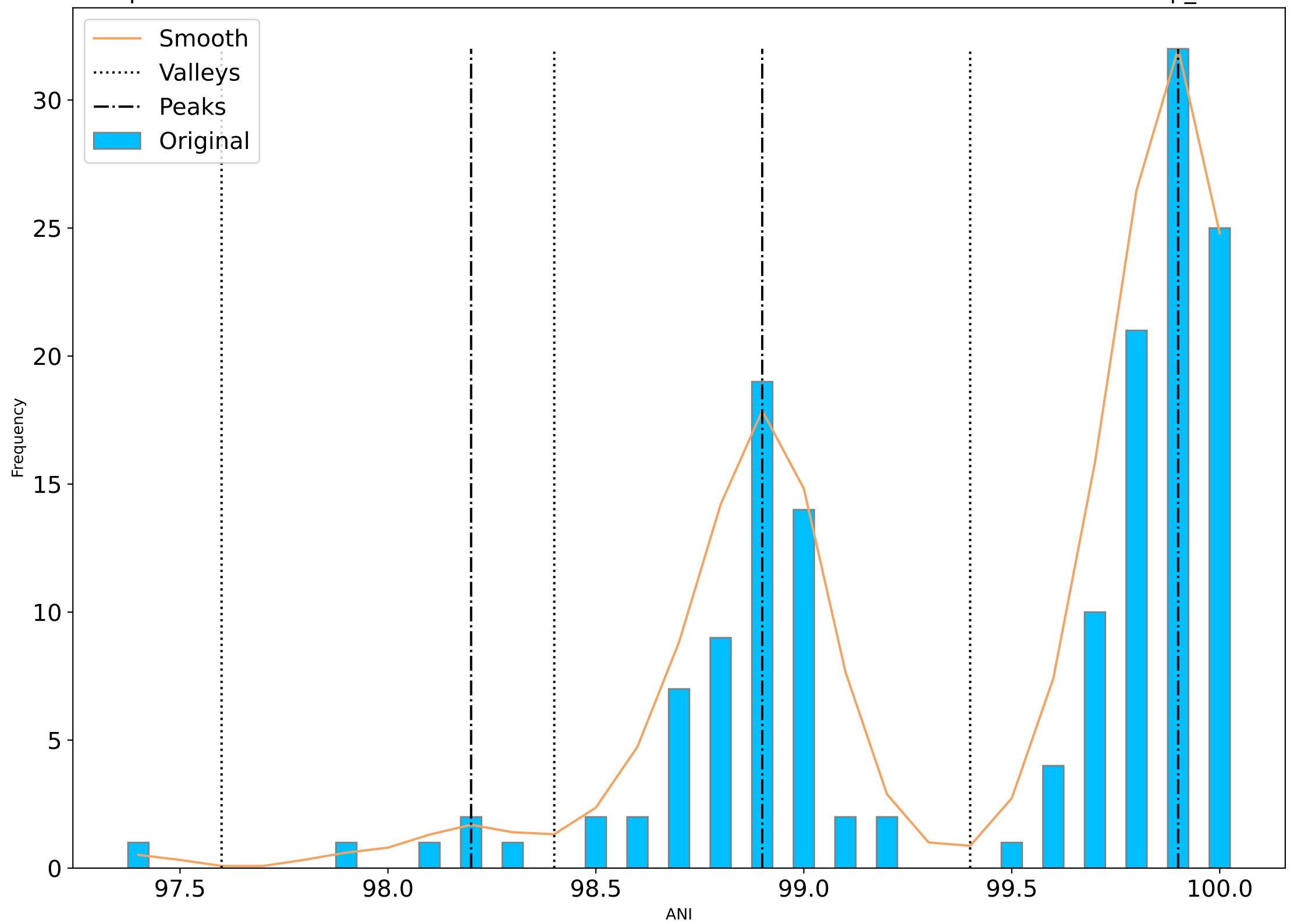


Species_882

Group 1

Norm_test 0.0005020234724996126

Dip_test 0.0

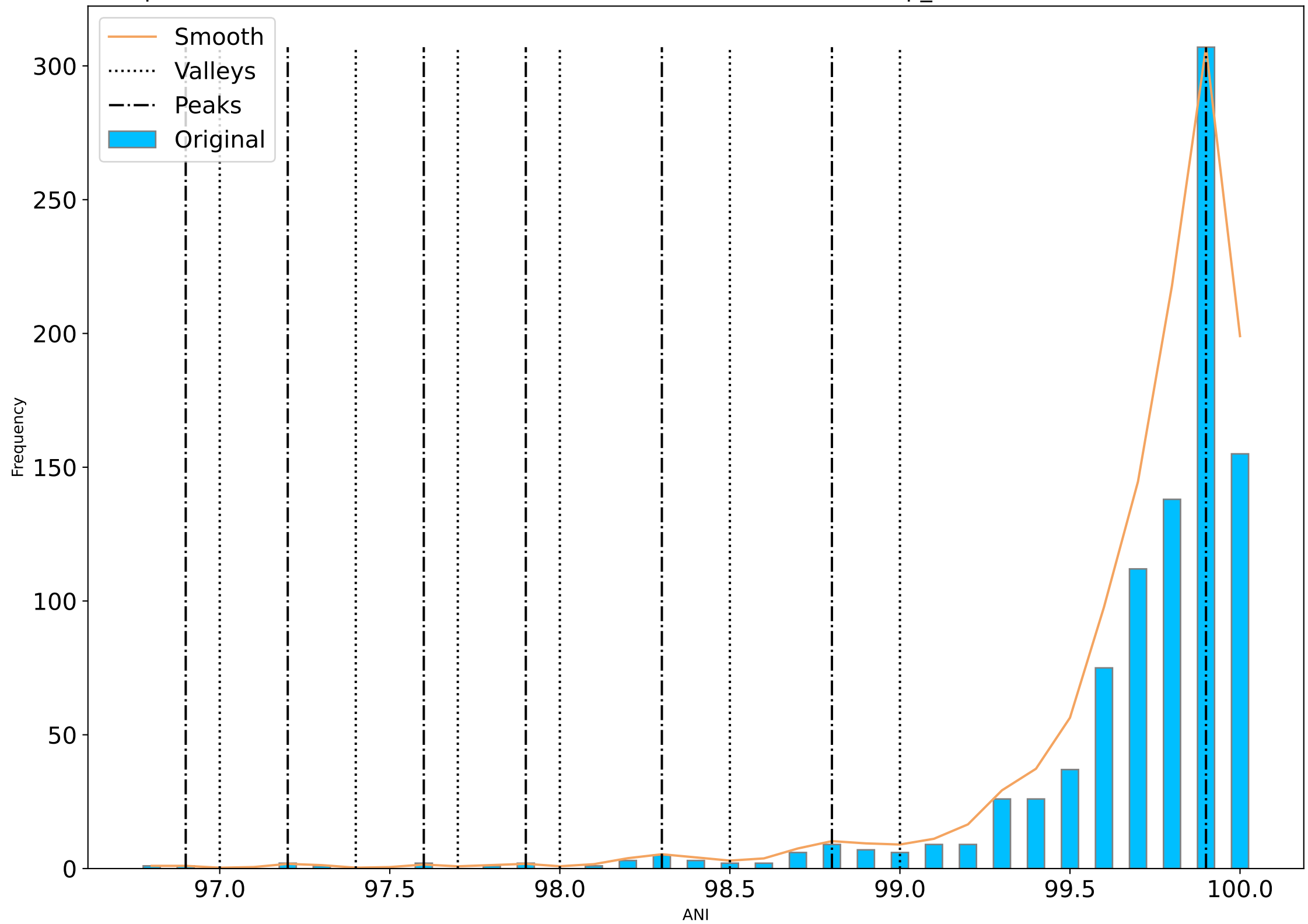


Species_883

Group 2

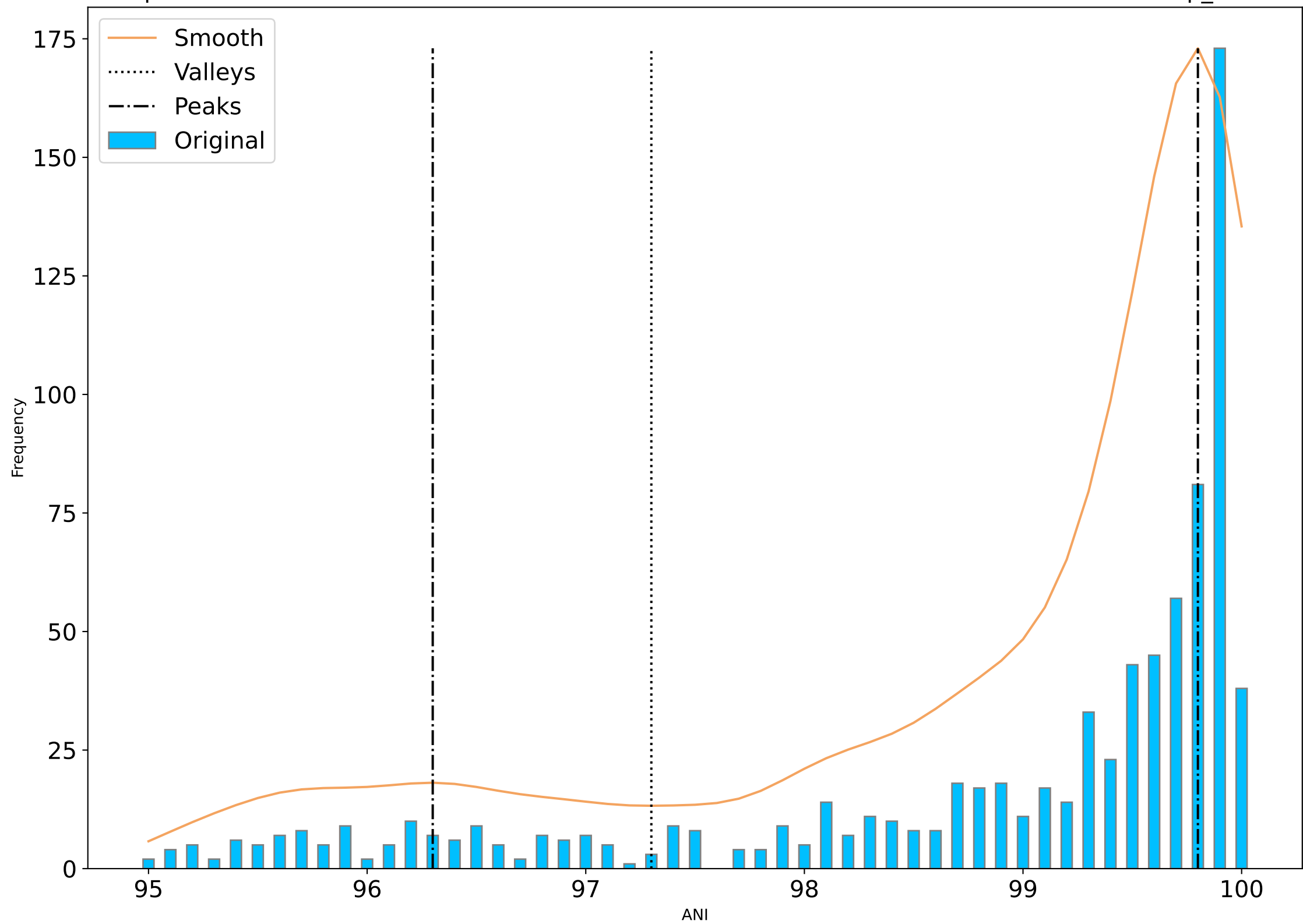
Norm_test 2.221597488478778e-156

Dip_test 0.00026956924118759495



Species_884
Group 3

Norm_test 7.273854667115439e-37
Dip_test 0.0

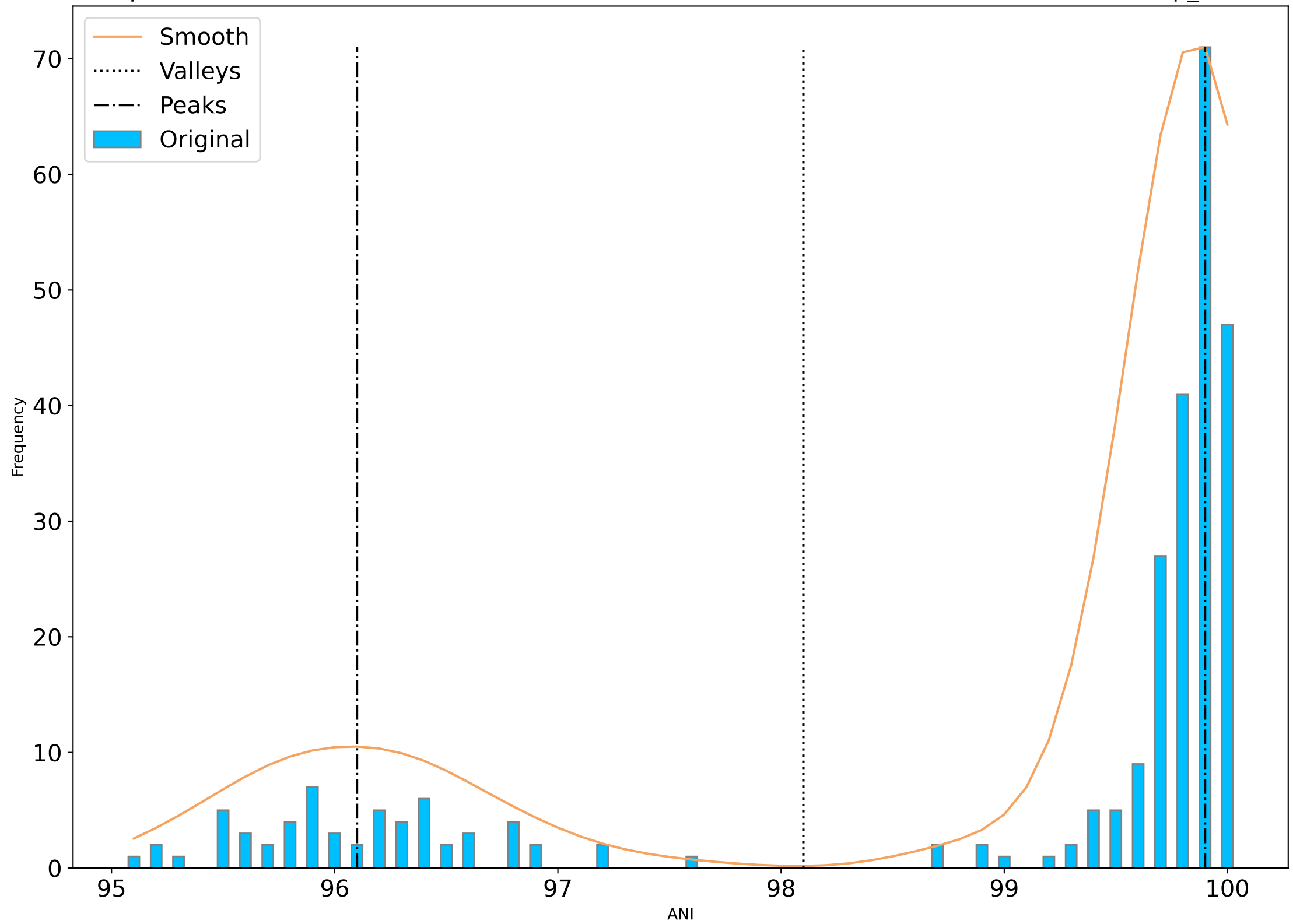


Species_886

Group 3

Norm_test 3.6773247985878693e-13

Dip_test 0.0

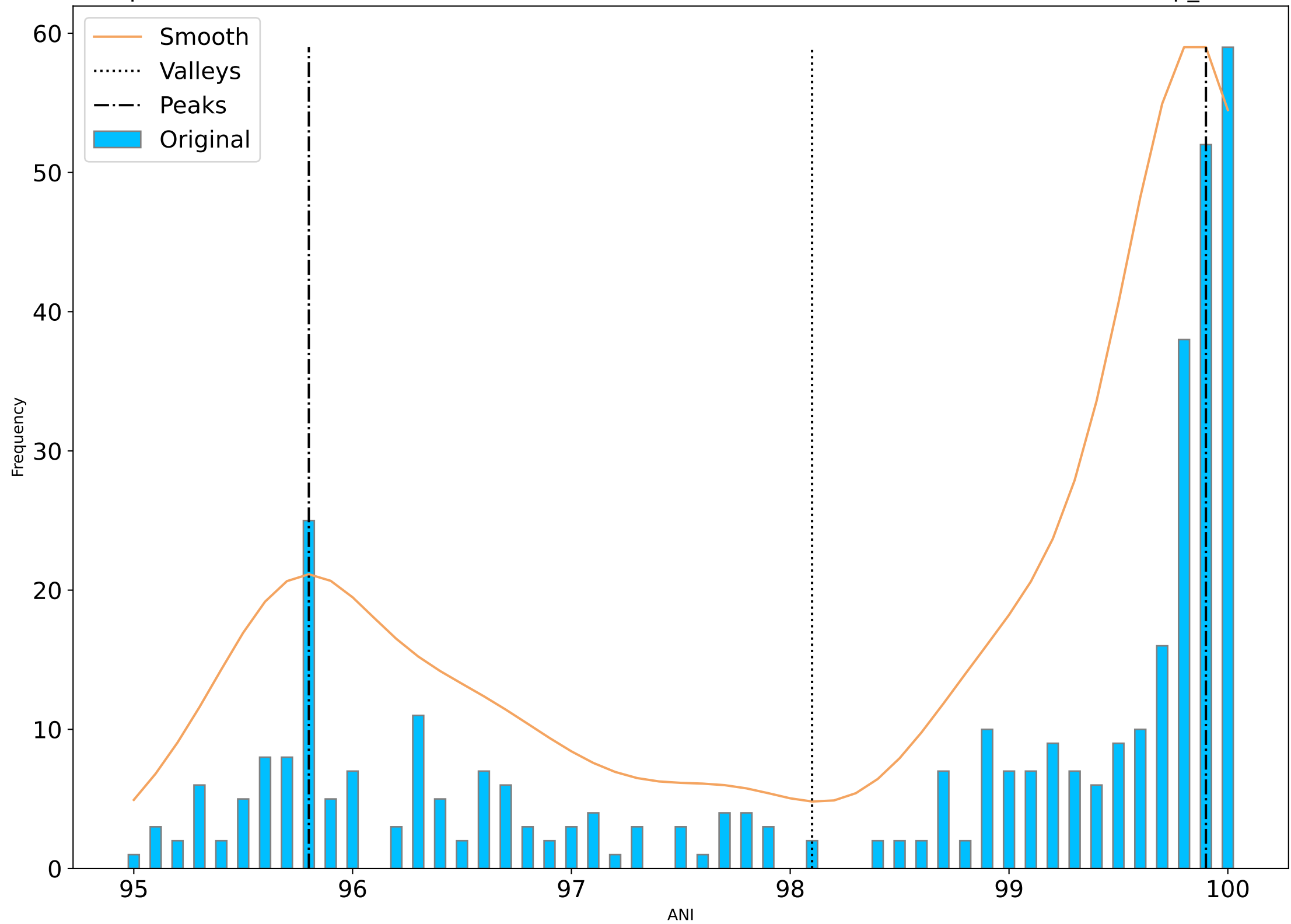


Species_887

Group 3

Norm_test 1.6298682082945786e-75

Dip_test 0.0

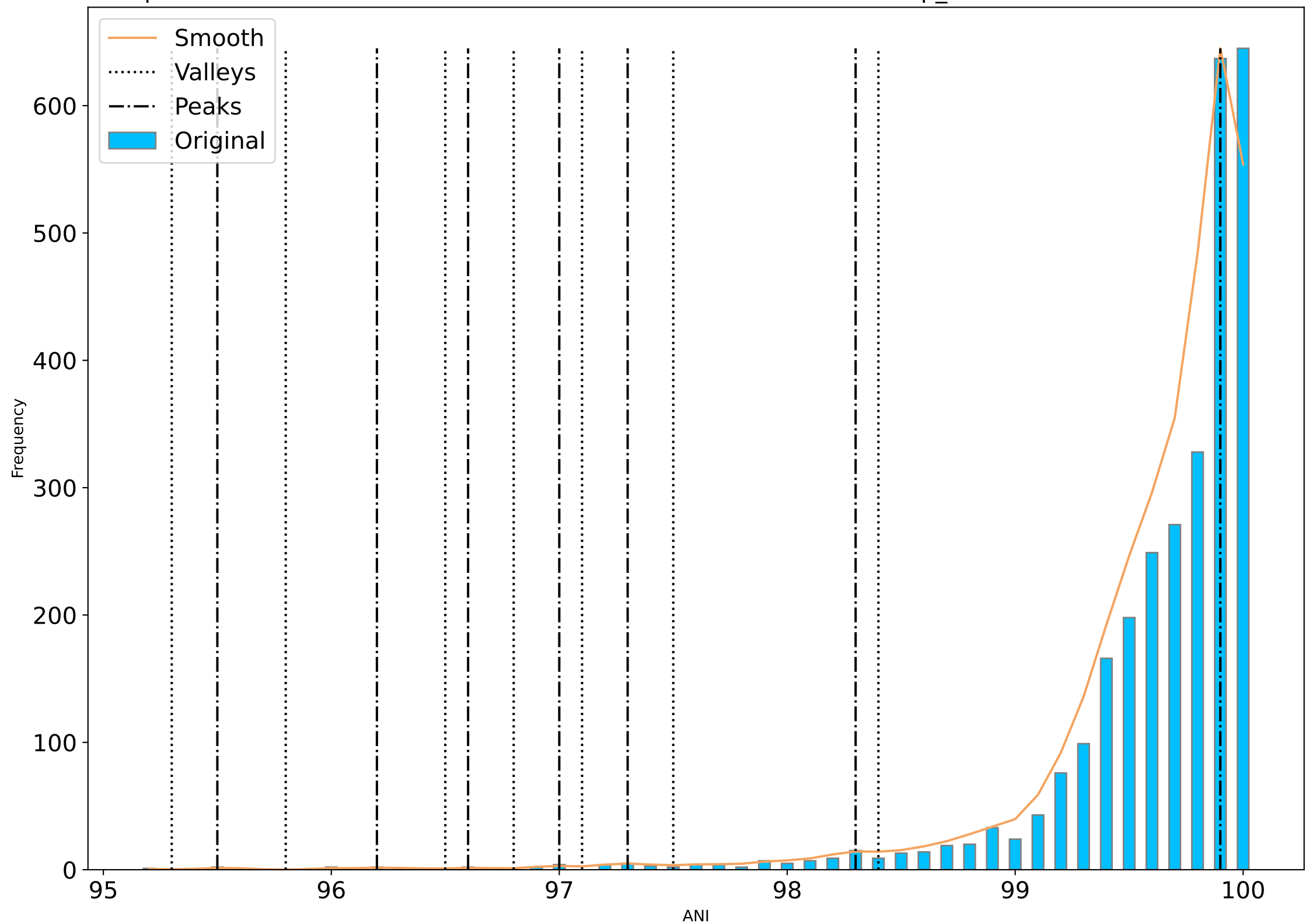


Species_889

Group 2

Norm_test 0.0

Dip_test 0.0034732373156736163

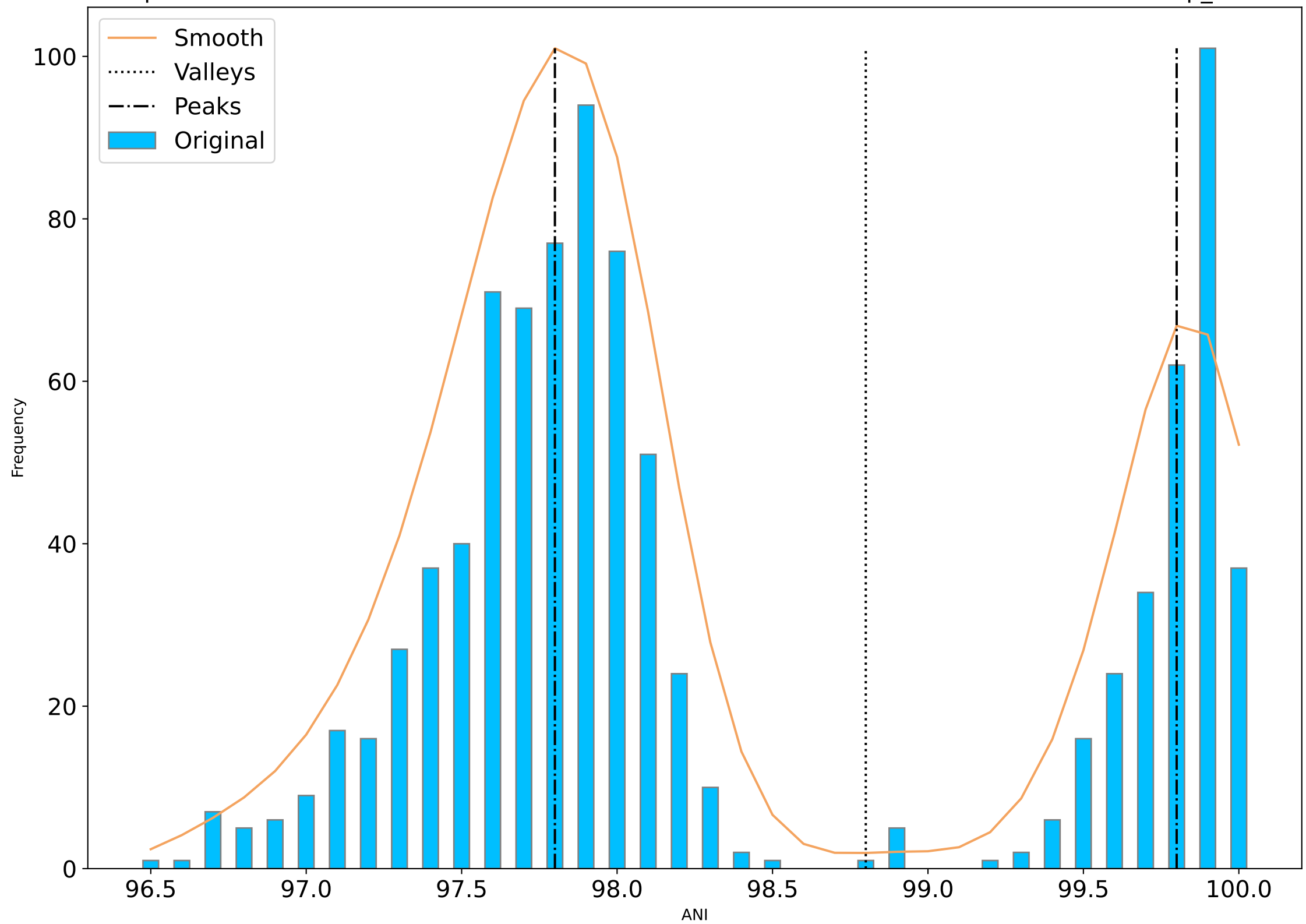


Species_890

Group 1

Norm_test 4.697475791710331e-184

Dip_test 0.0

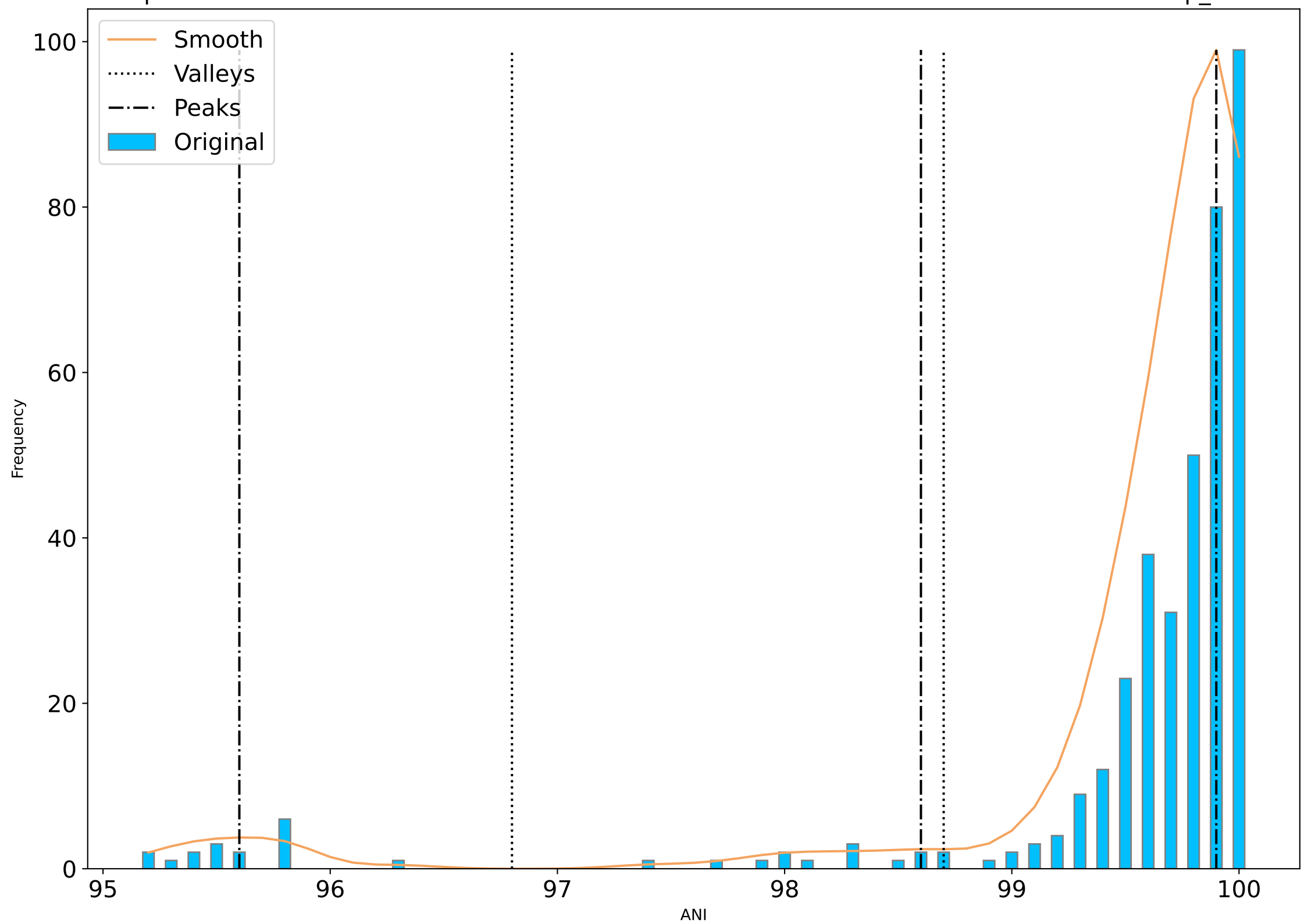


Species_891

Group 2

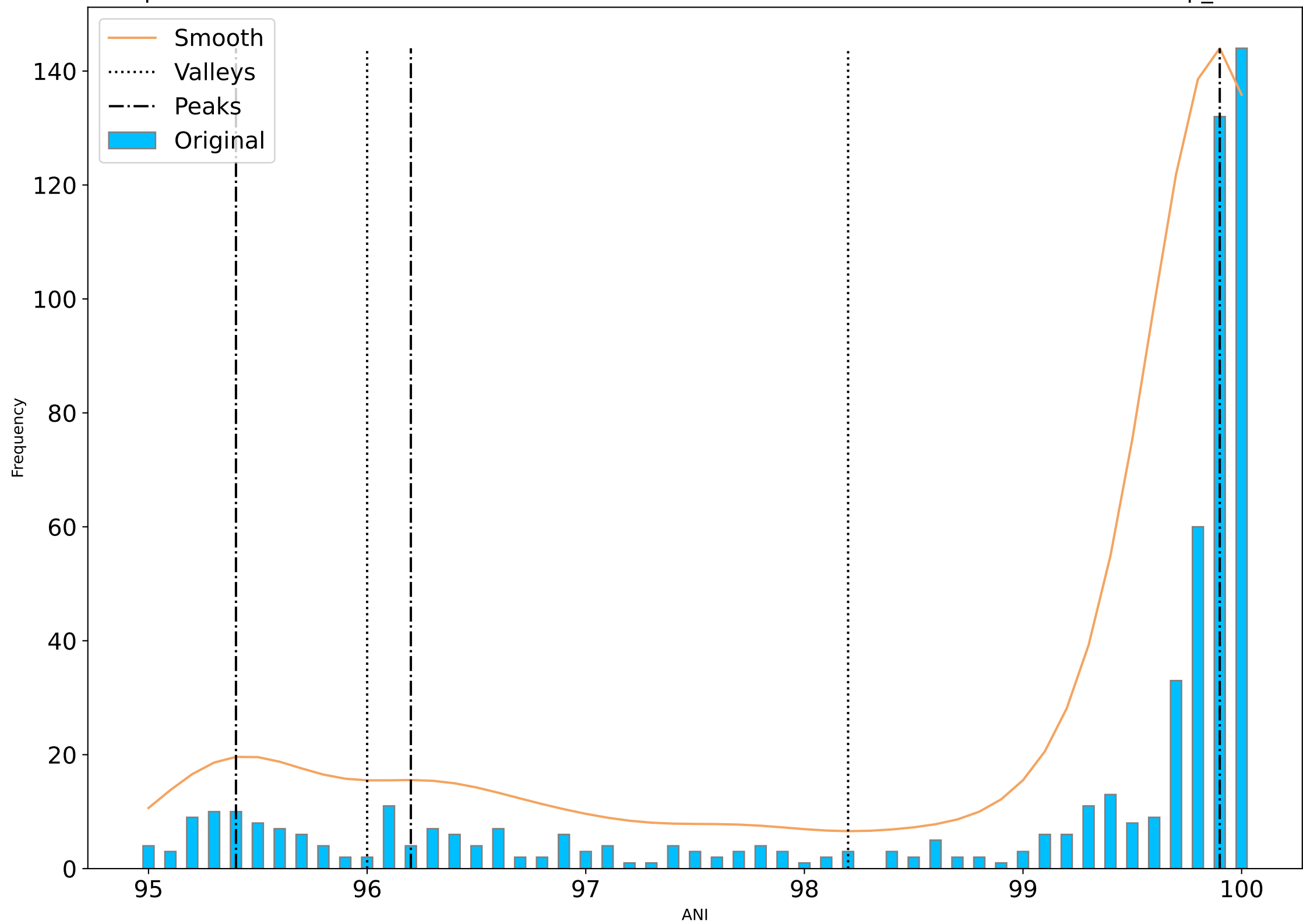
Norm_test 1.345768343736775e-66

Dip_test 0.0



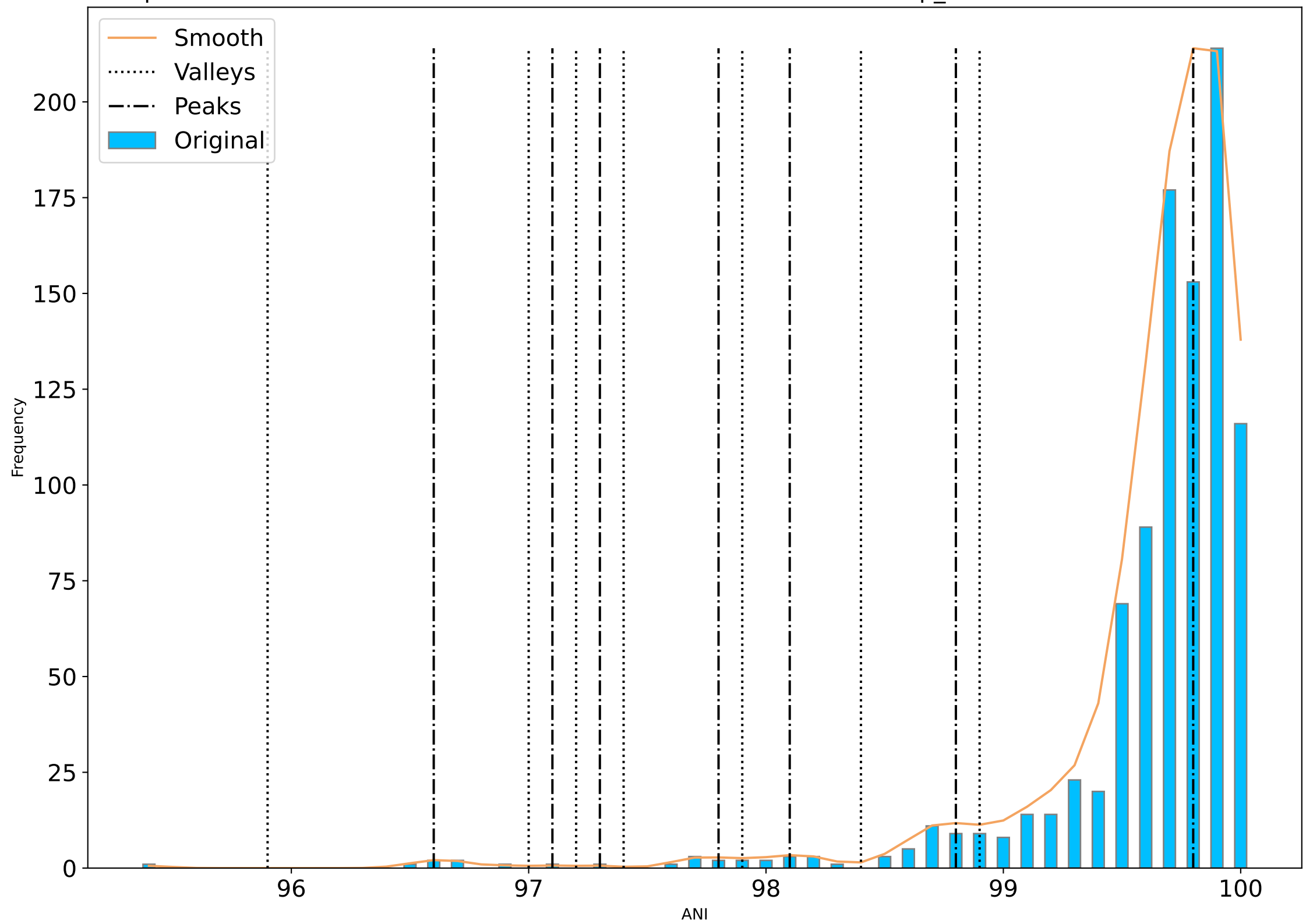
Species_896
Group 3

Norm_test 2.516793820567296e-23
Dip_test 0.0



Species_901
Group 2

Norm_test 2.0891139600850997e-173
Dip_test 0.0005512720970924923

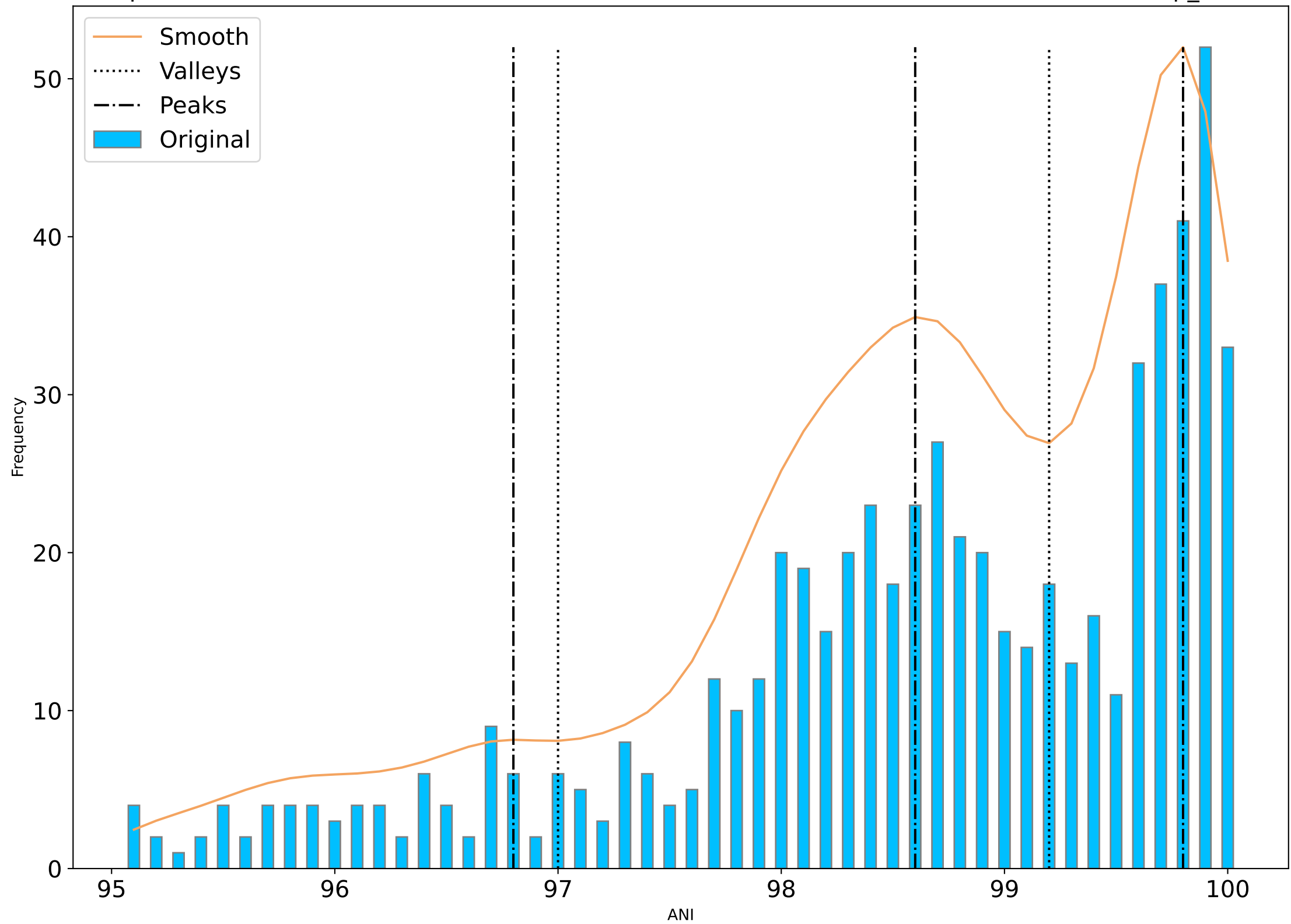


Species_903

Group 1

Norm_test 1.8246594624626625e-17

Dip_test 0.0

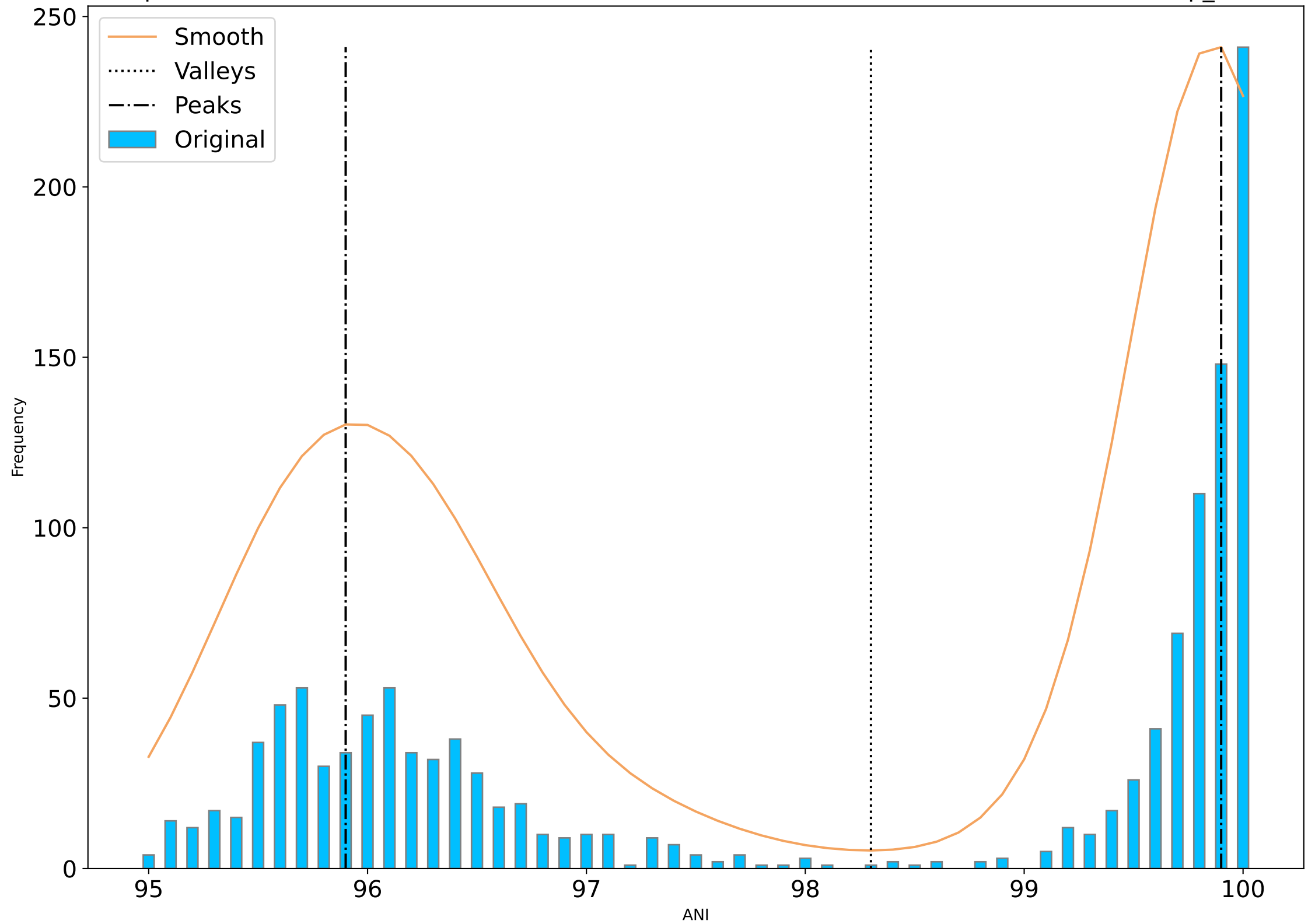


Species_908

Group 3

Norm_test 0.0

Dip_test 0.0

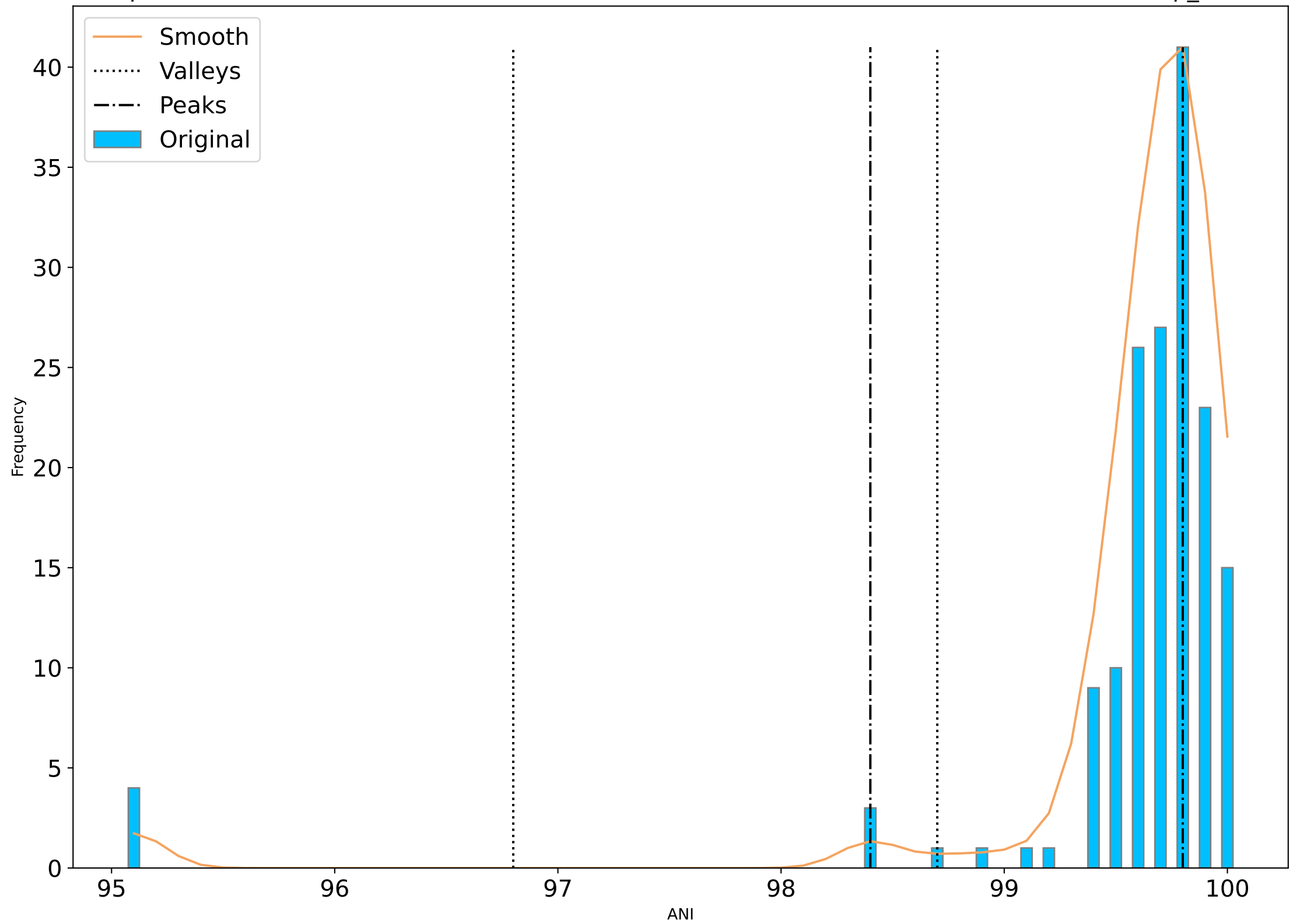


Species_911

Group 2

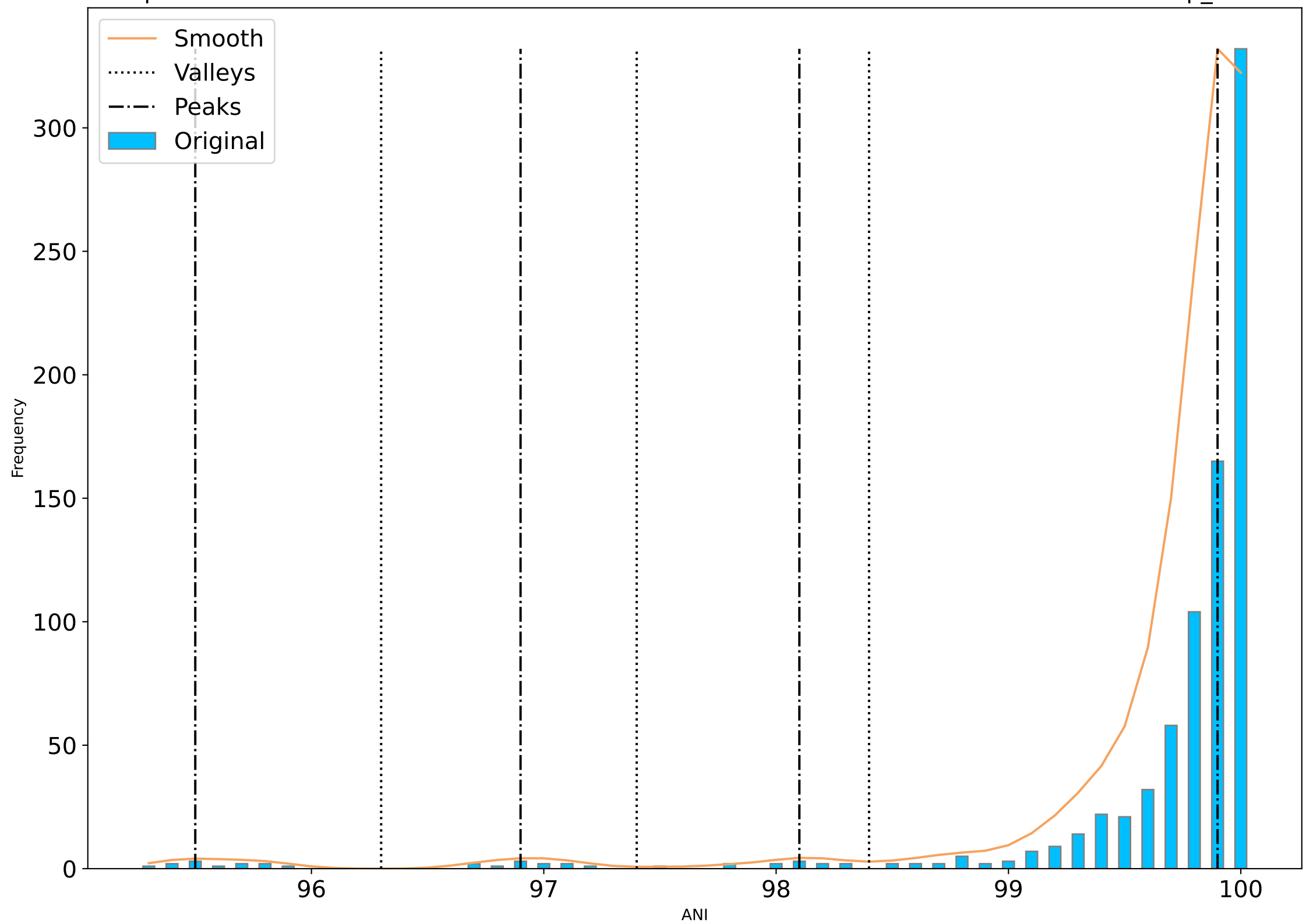
Norm_test 3.996945789463815e-44

Dip_test 0.0



Species_913
Group 2

Norm_test 1.0063183880806525e-163
Dip_test 0.0

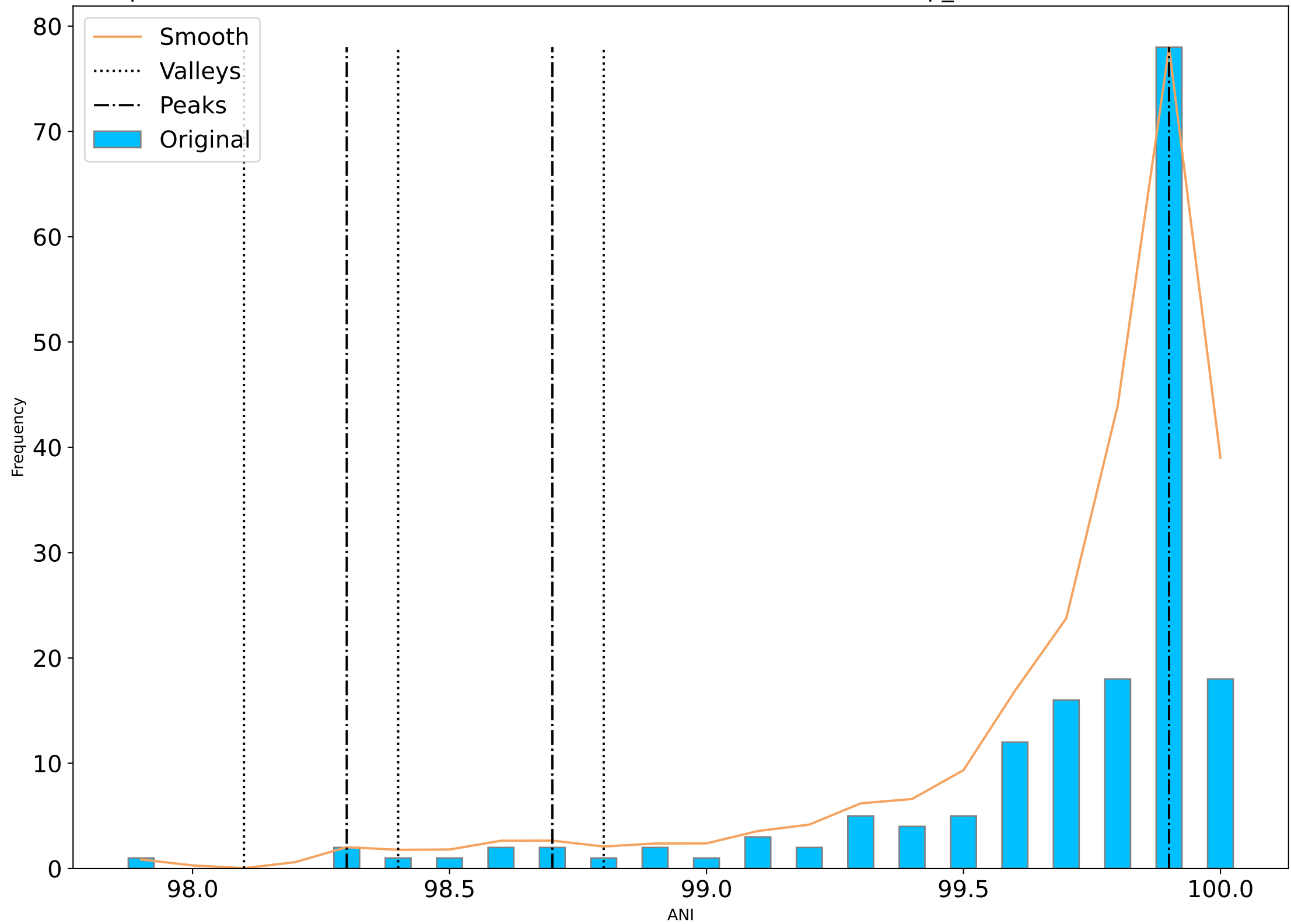


Species_915

Group 2

Norm_test 1.0539764004251204e-21

Dip_test 3.59033678858367e-05

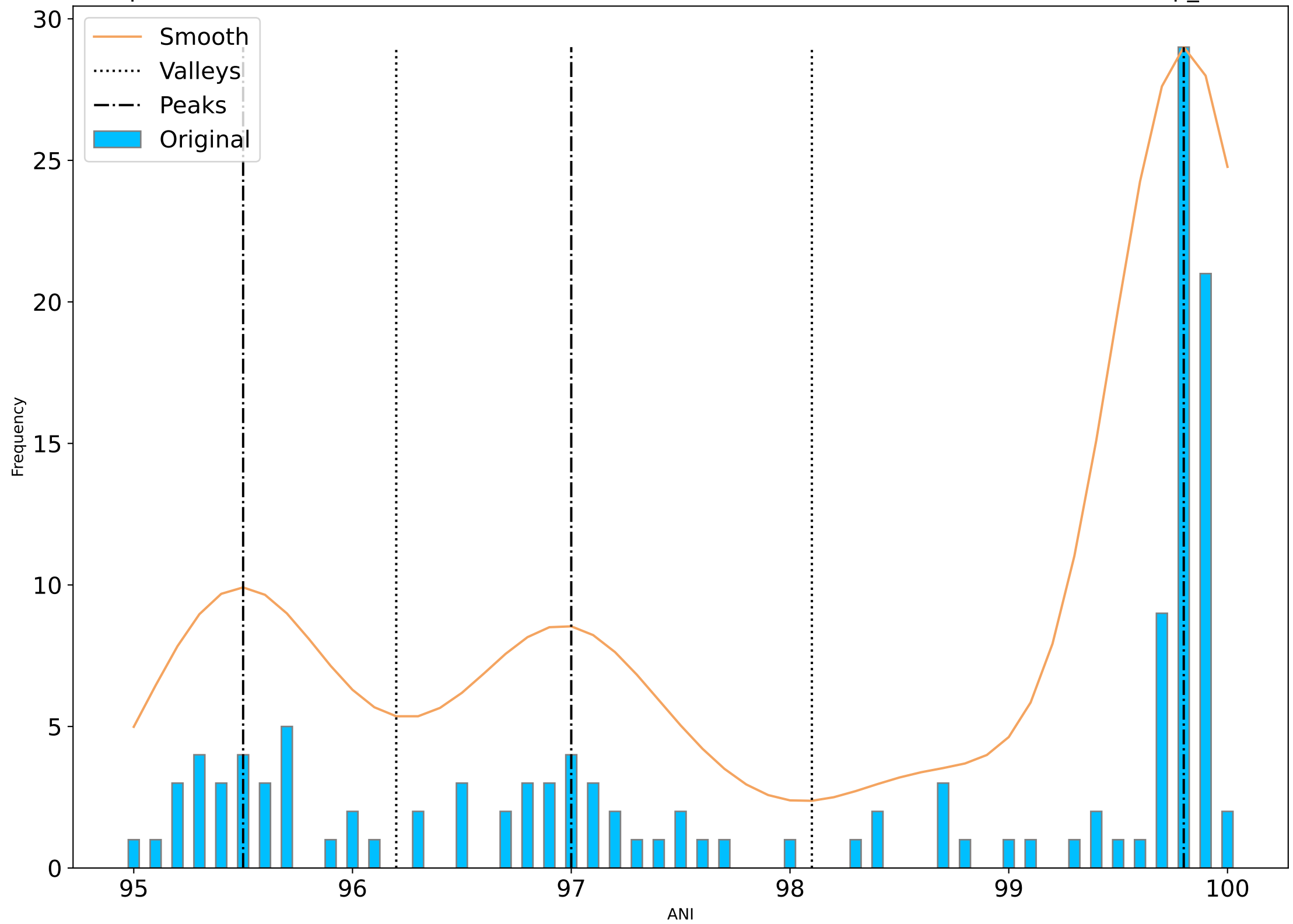


Species_916

Group 3

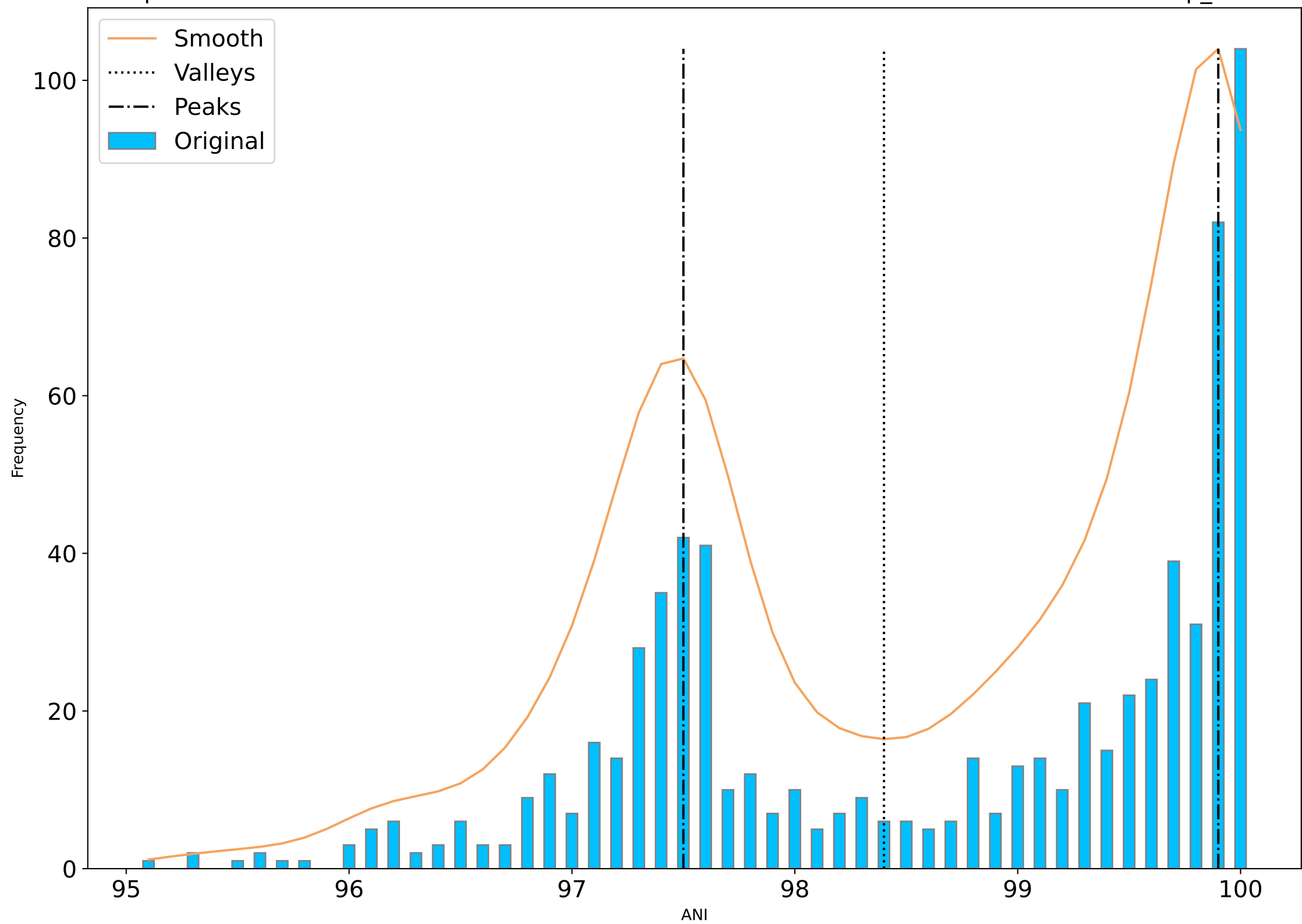
Norm_test 4.137765579757304e-62

Dip_test 0.0



Species_917
Group 3

Norm_test 2.0397816577004767e-61
Dip_test 0.0

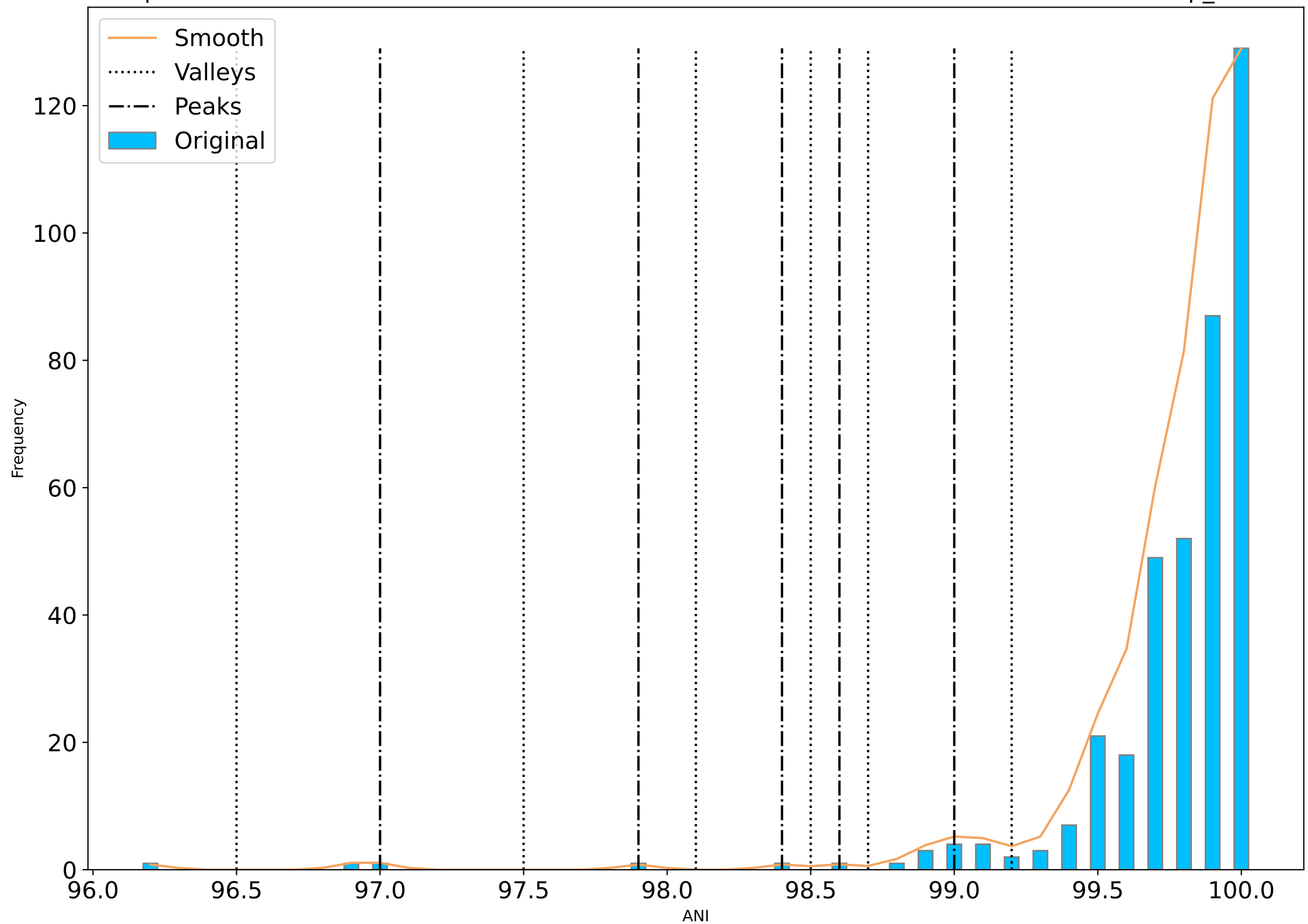


Species_922

Group 2

Norm_test 1.2711325929354936e-96

Dip_test 0.0

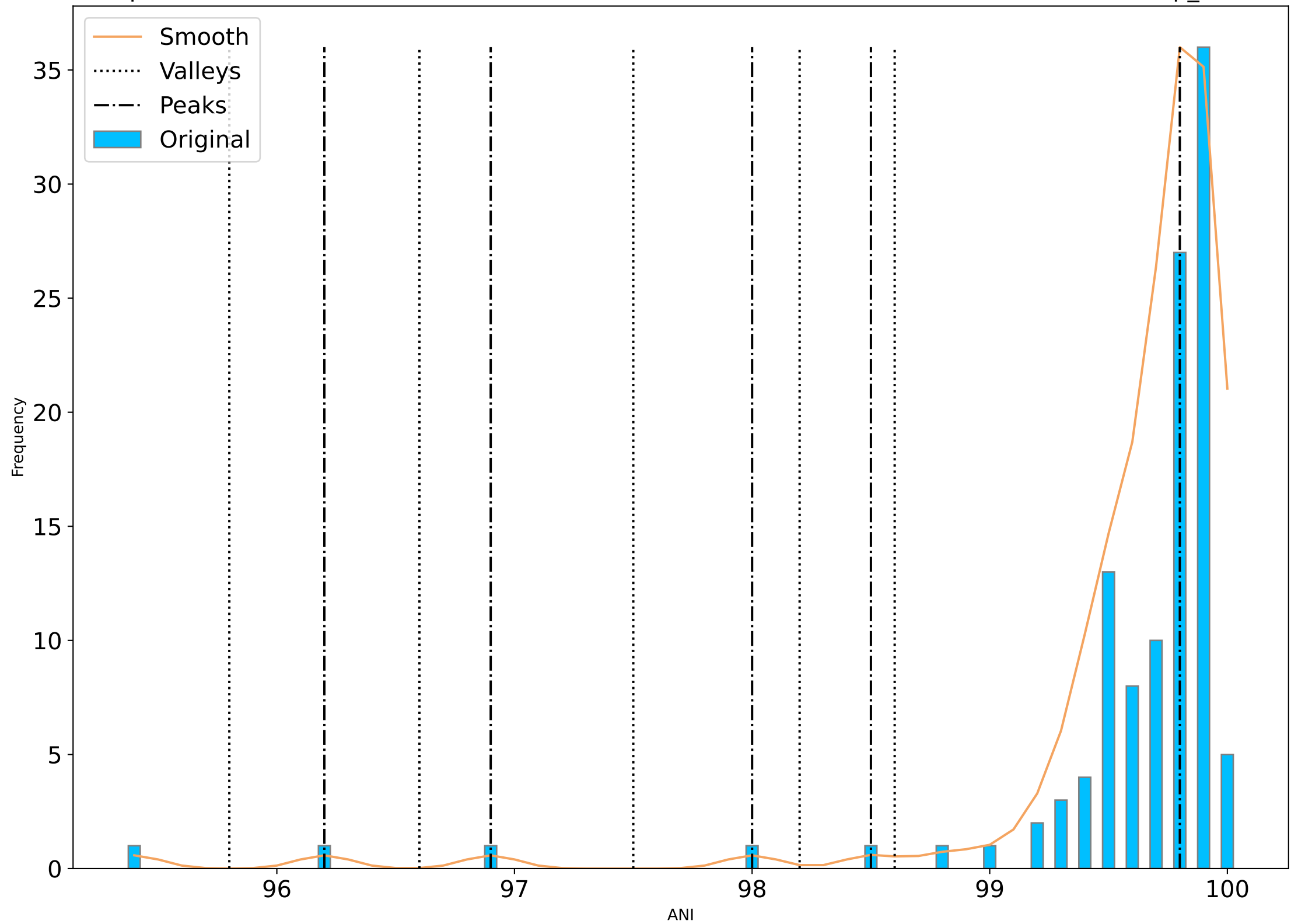


Species_926

Group 2

Norm_test 4.98222560975824e-32

Dip_test 0.0

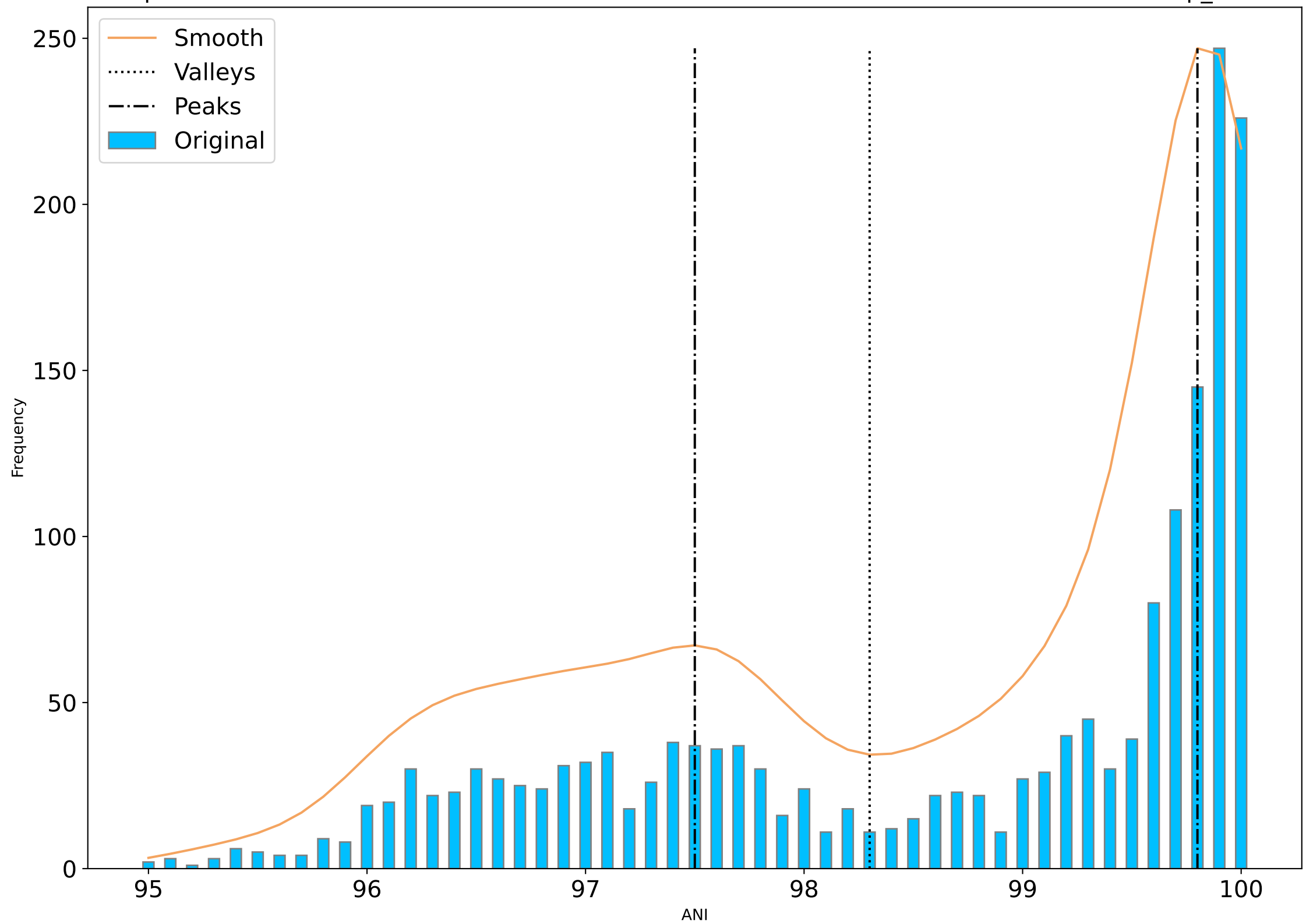


Species_927

Group 3

Norm_test 1.1664437884640426e-93

Dip_test 0.0

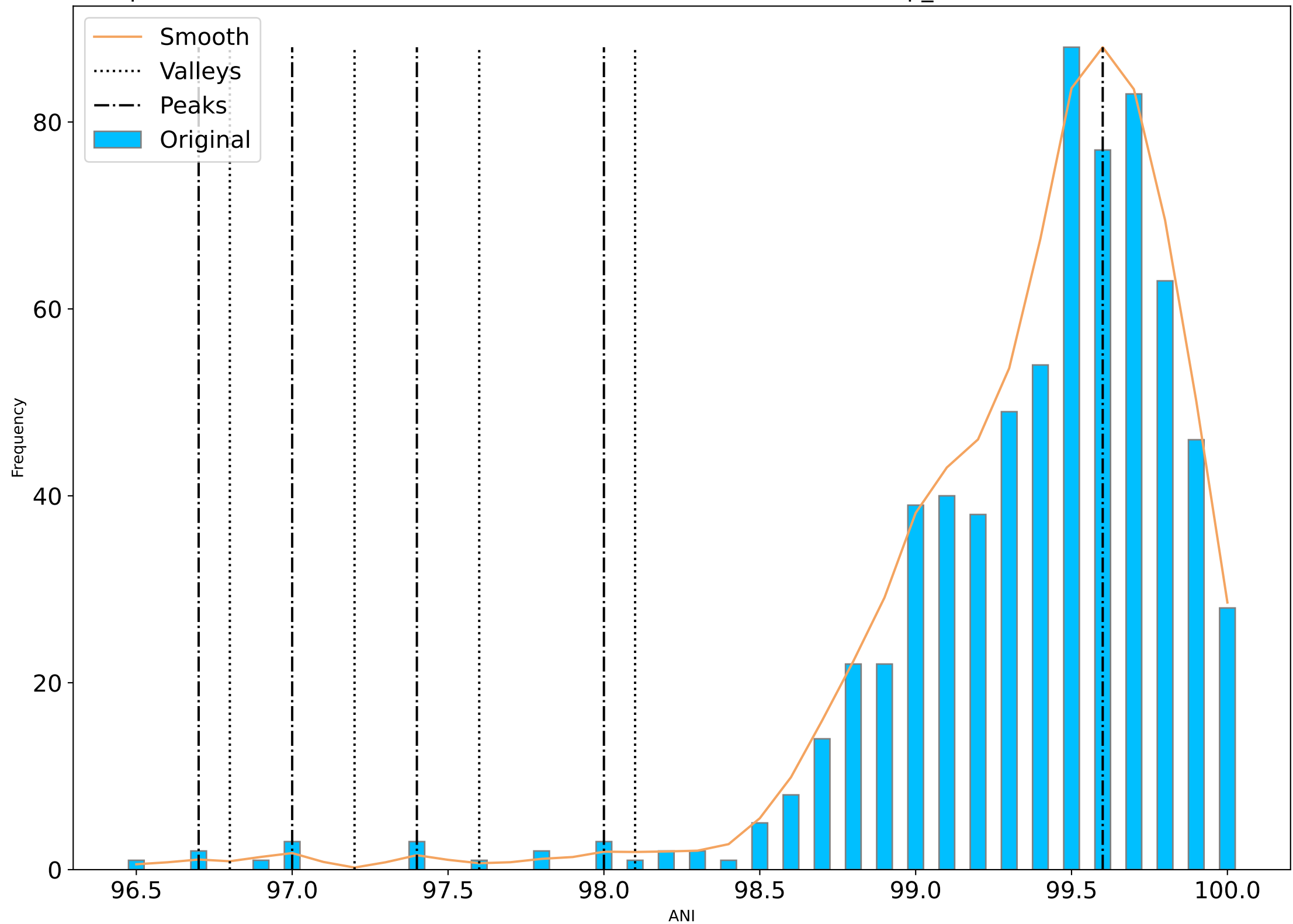


Species_930

Group 3

Norm_test 8.351376779064037e-79

Dip_test 0.0020158768691200812

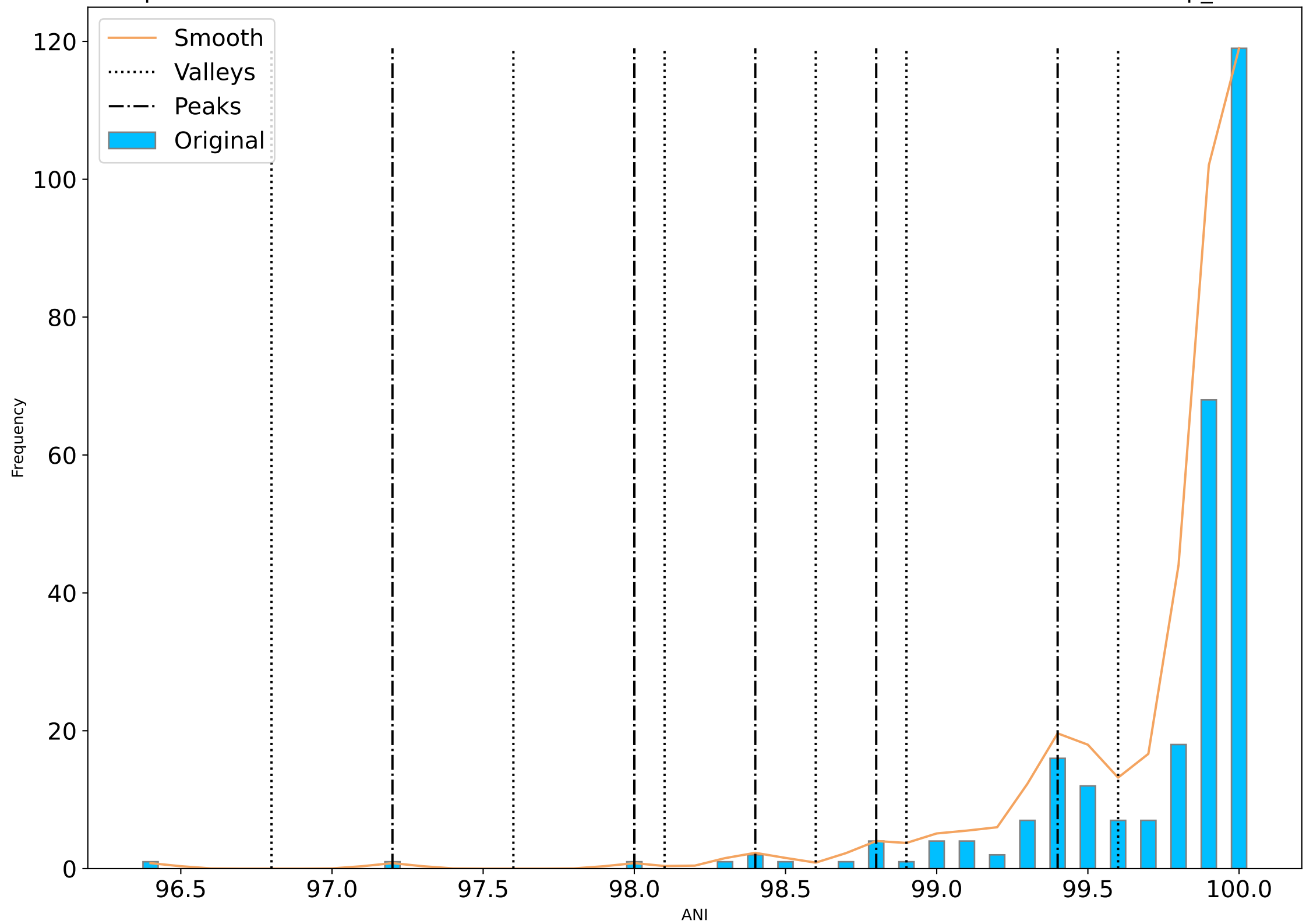


Species_931

Group 2

Norm_test 4.135731163709064e-54

Dip_test 0.0

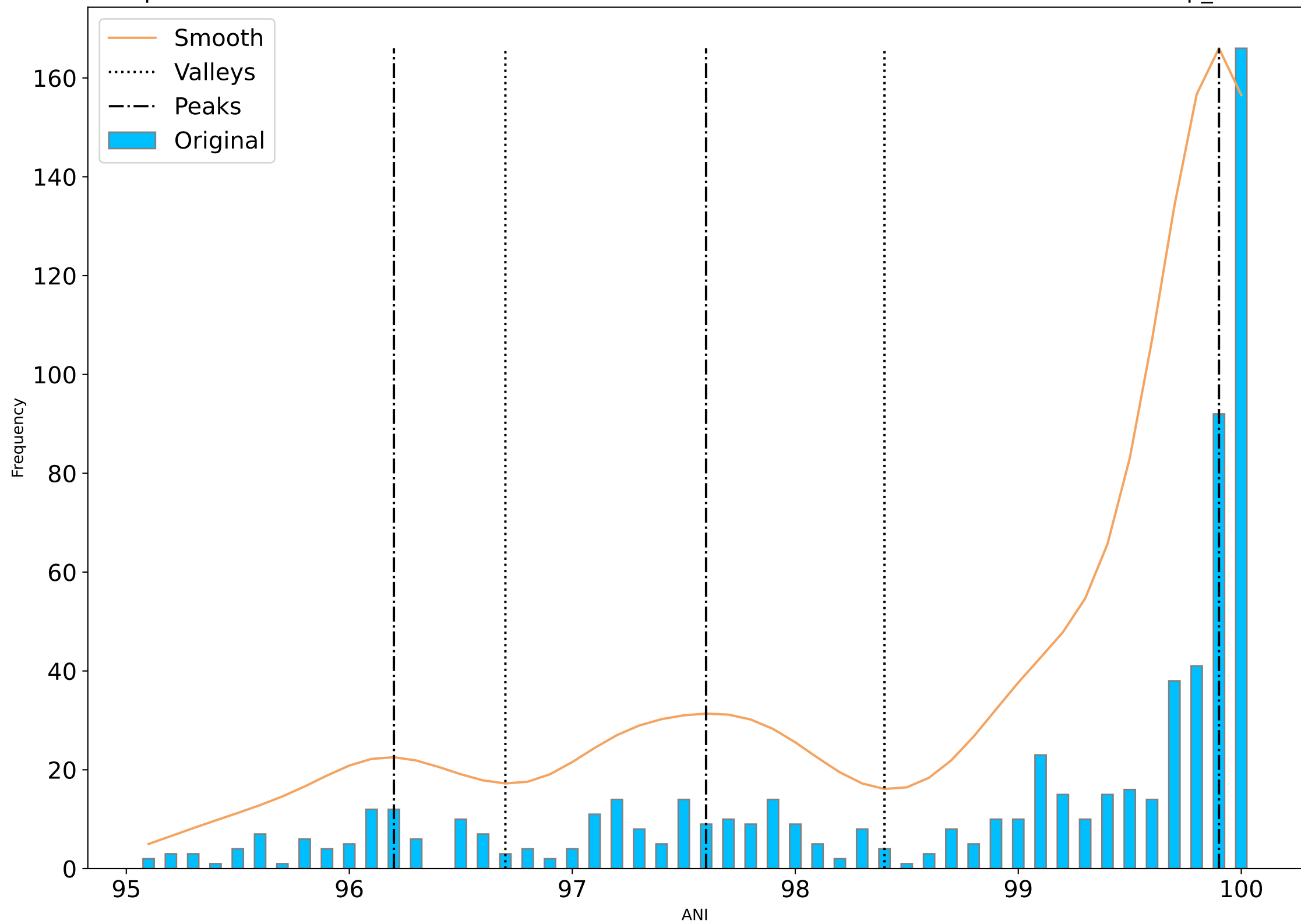


Species_933

Group 3

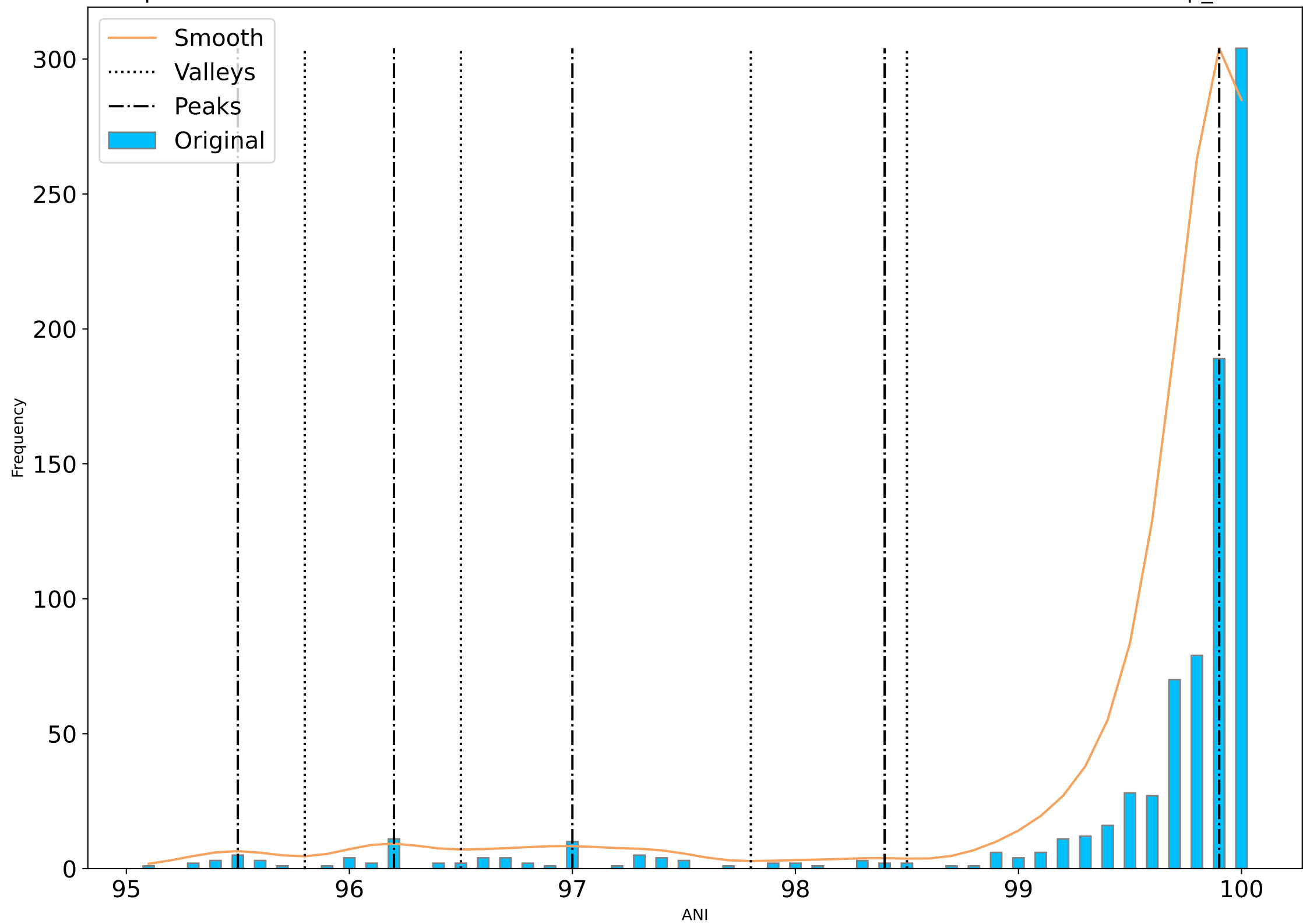
Norm_test 2.0032012490982307e-20

Dip_test 0.0



Species_935
Group 2

Norm_test 3.8519701931820084e-107
Dip_test 0.0

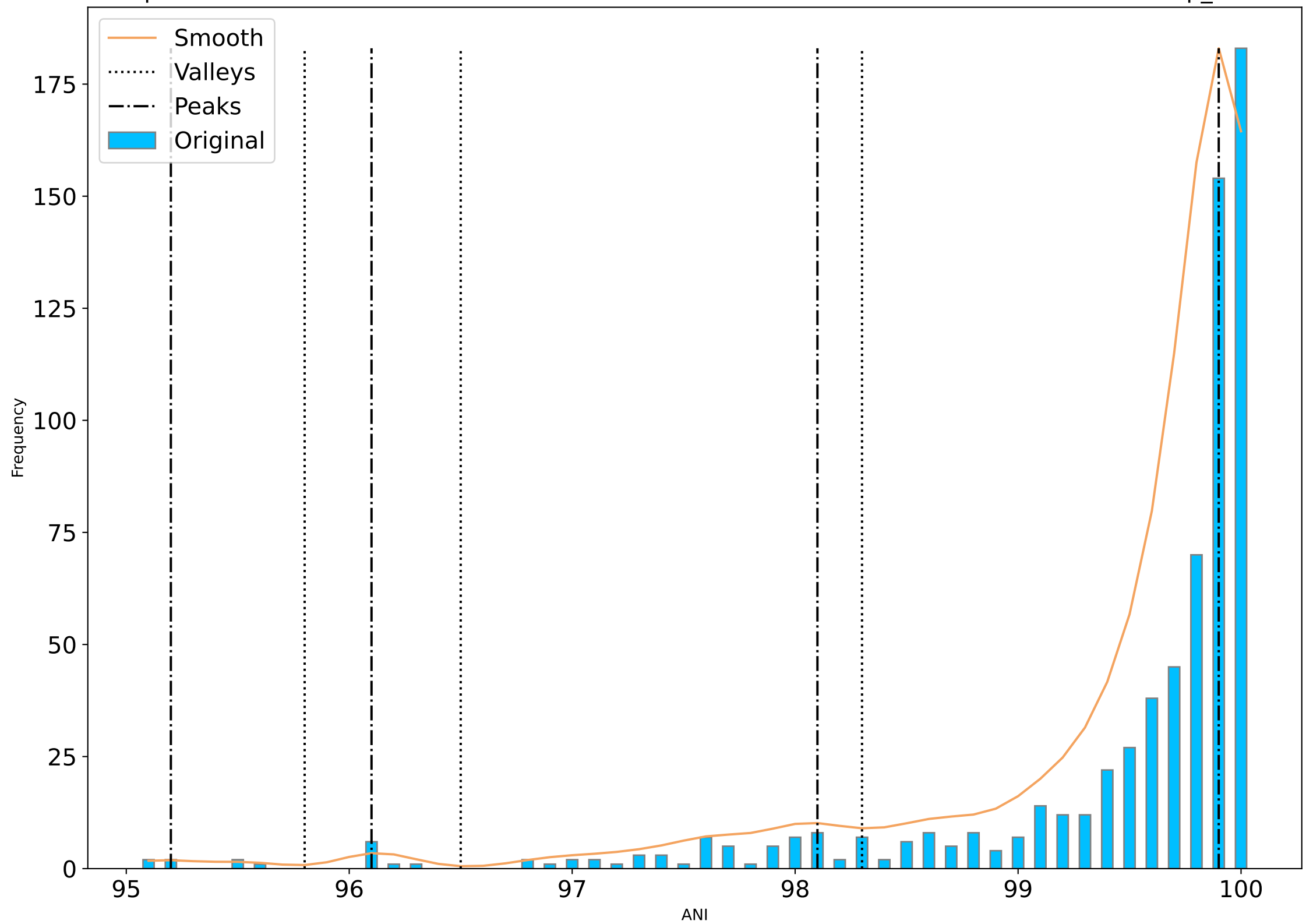


Species_938

Group 3

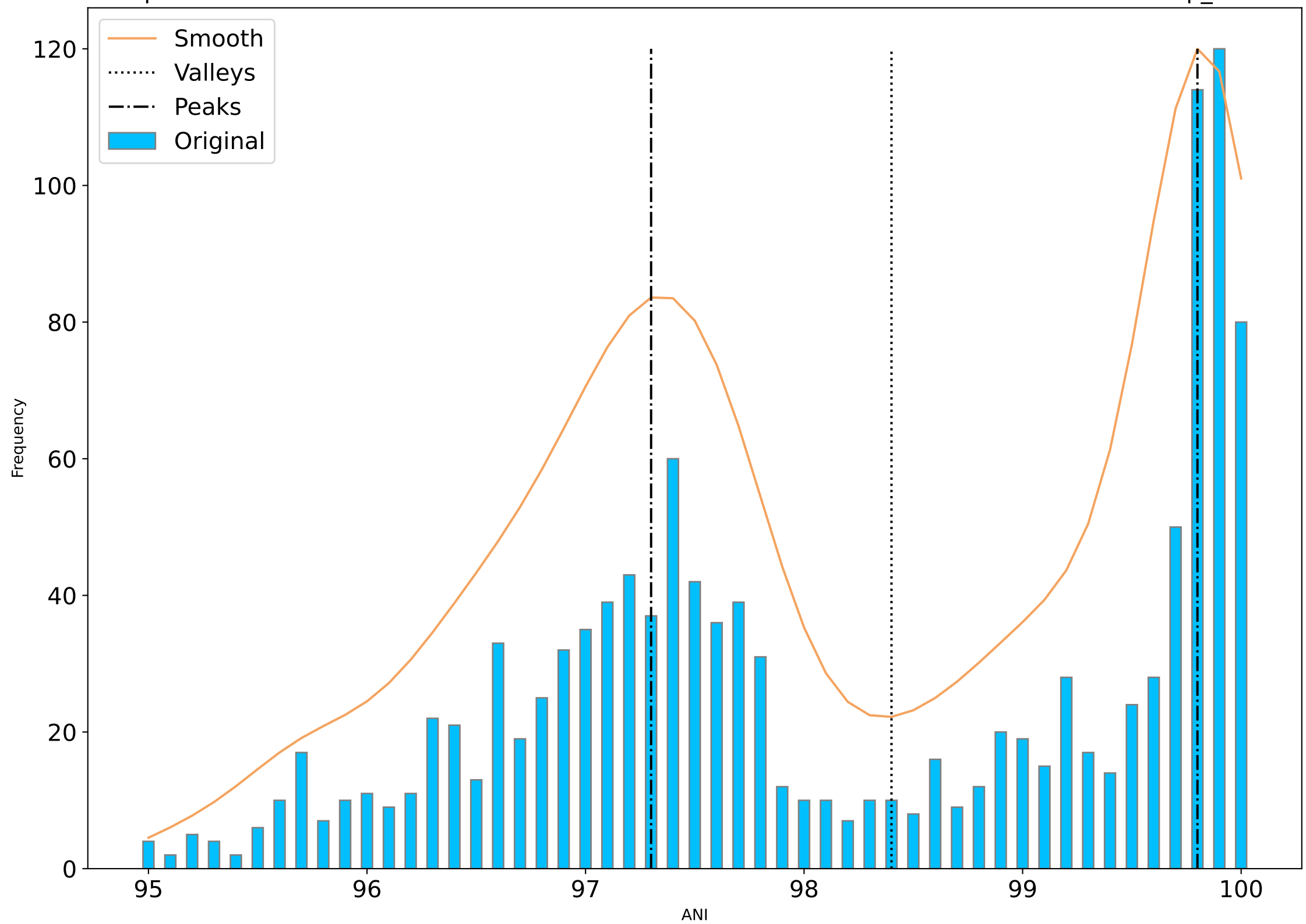
Norm_test 2.5601809270616e-86

Dip_test 0.0



Species_939
Group 3

Norm_test 0.0
Dip_test 0.0

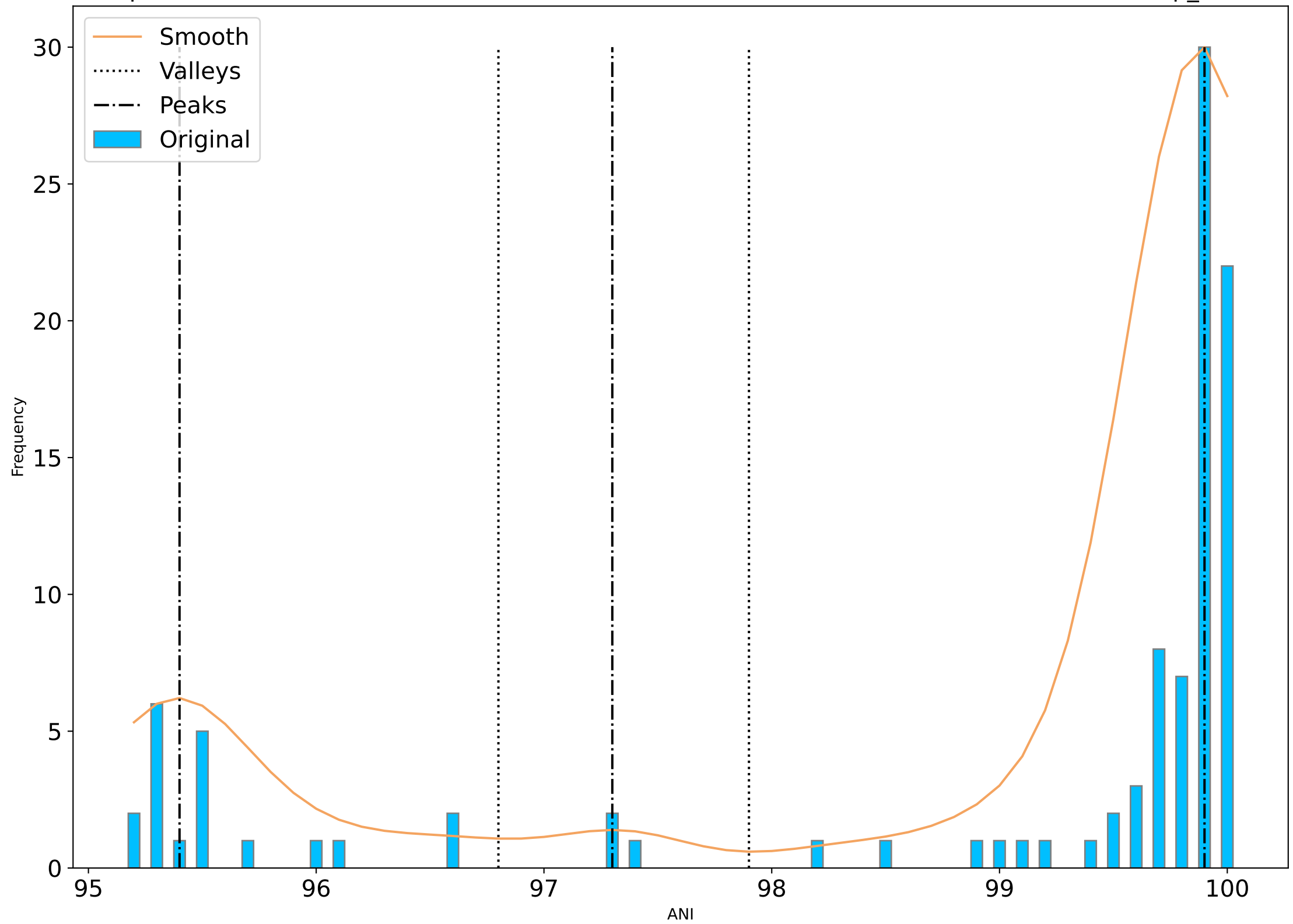


Species_941

Group 3

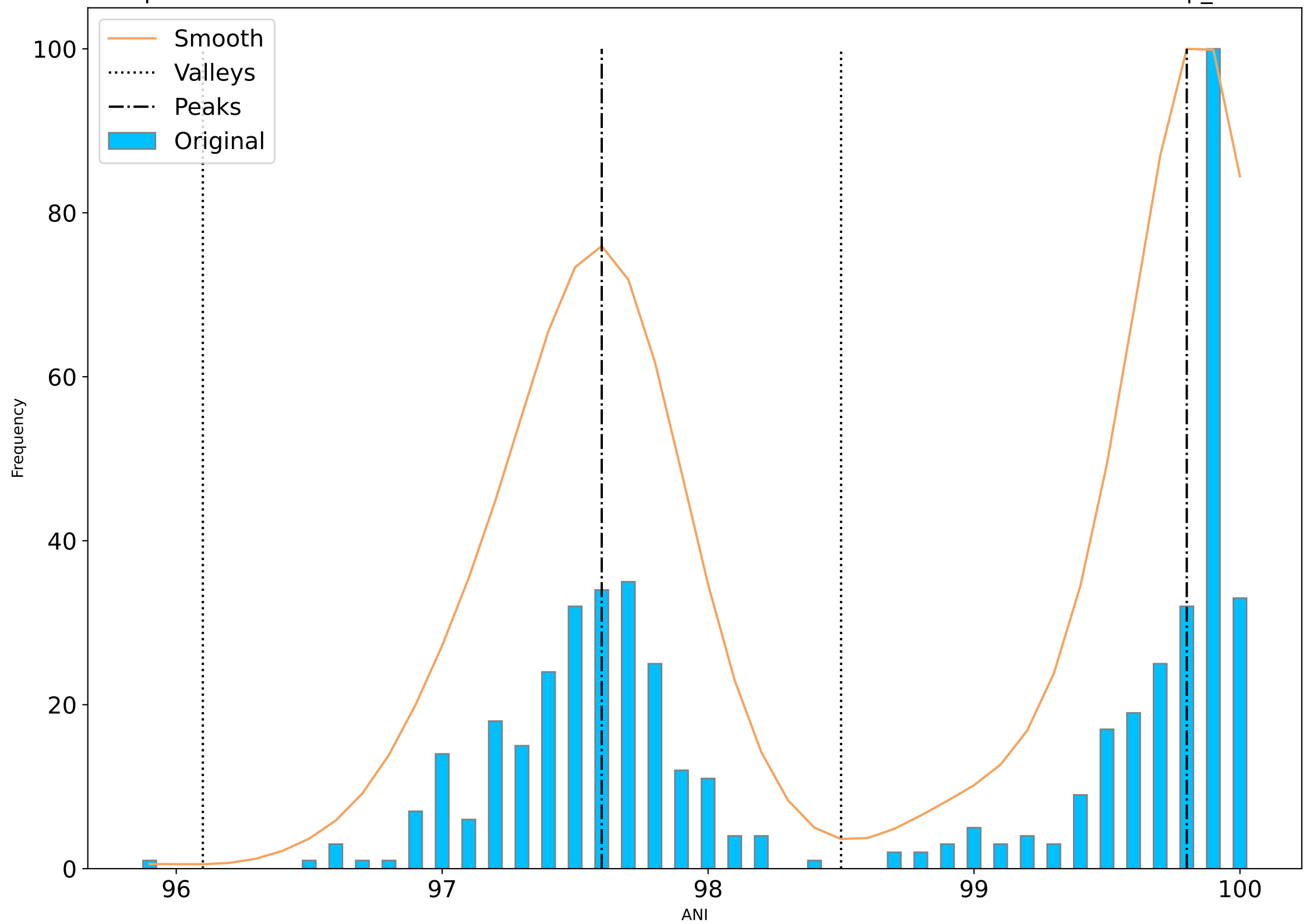
Norm_test 7.3803236386406964e-06

Dip_test 0.0



Species_944
Group 3

Norm_test 0.0
Dip_test 0.0

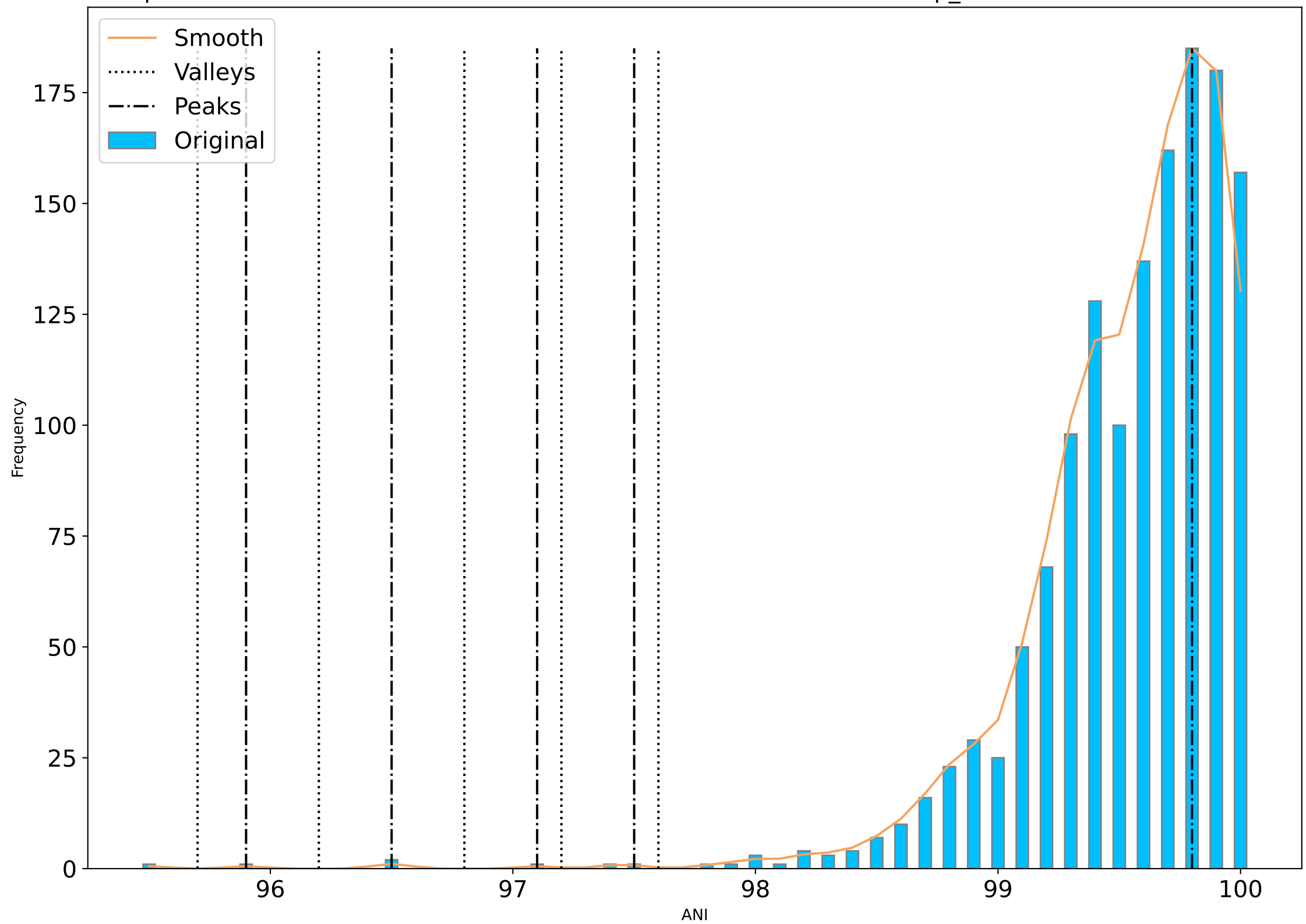


Species_945

Group 2

Norm_test 2.9535302121169834e-191

Dip_test 0.036391646378935216

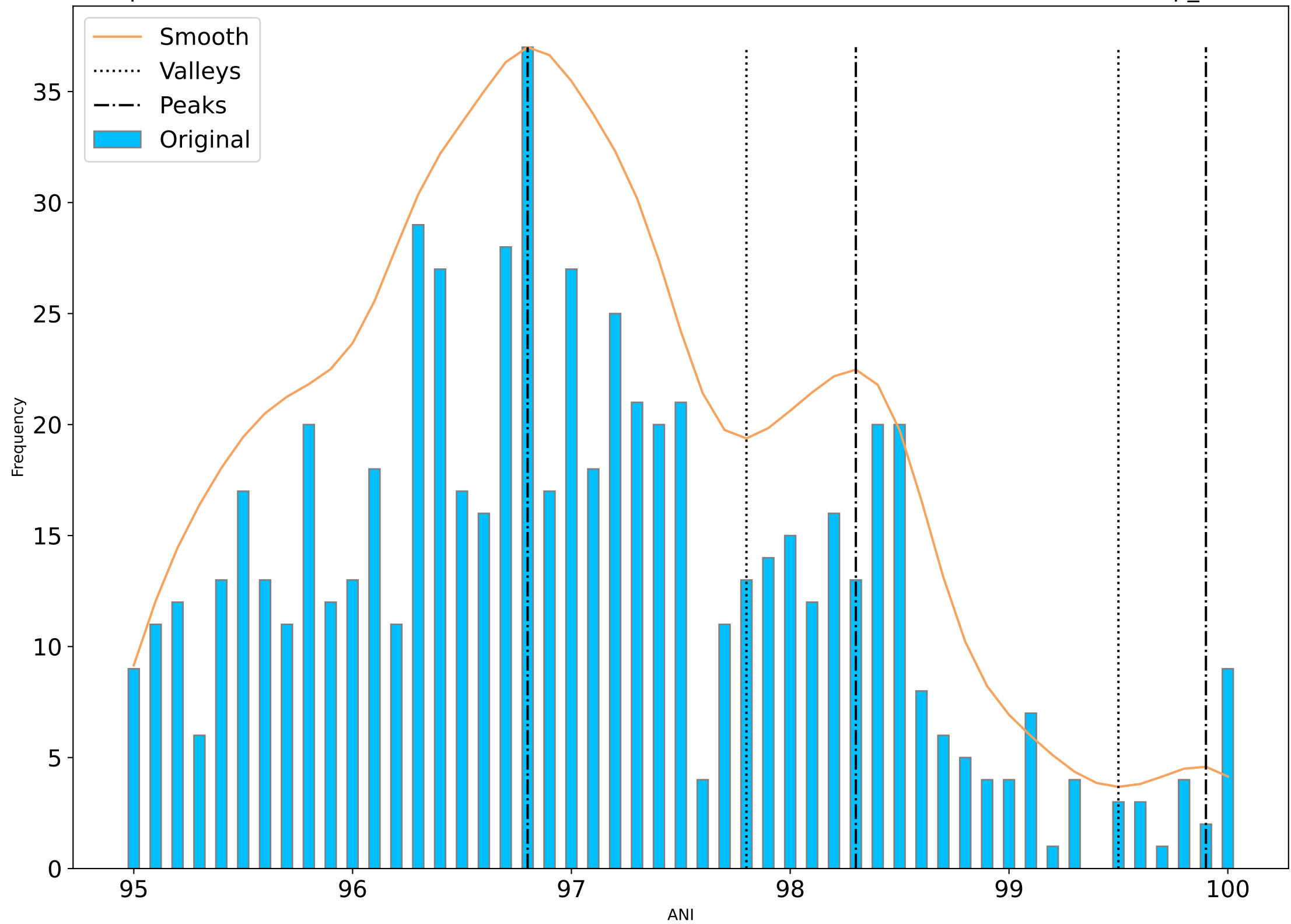


Species_946

Group 1

Norm_test 4.212429597959327e-05

Dip_test 0.0

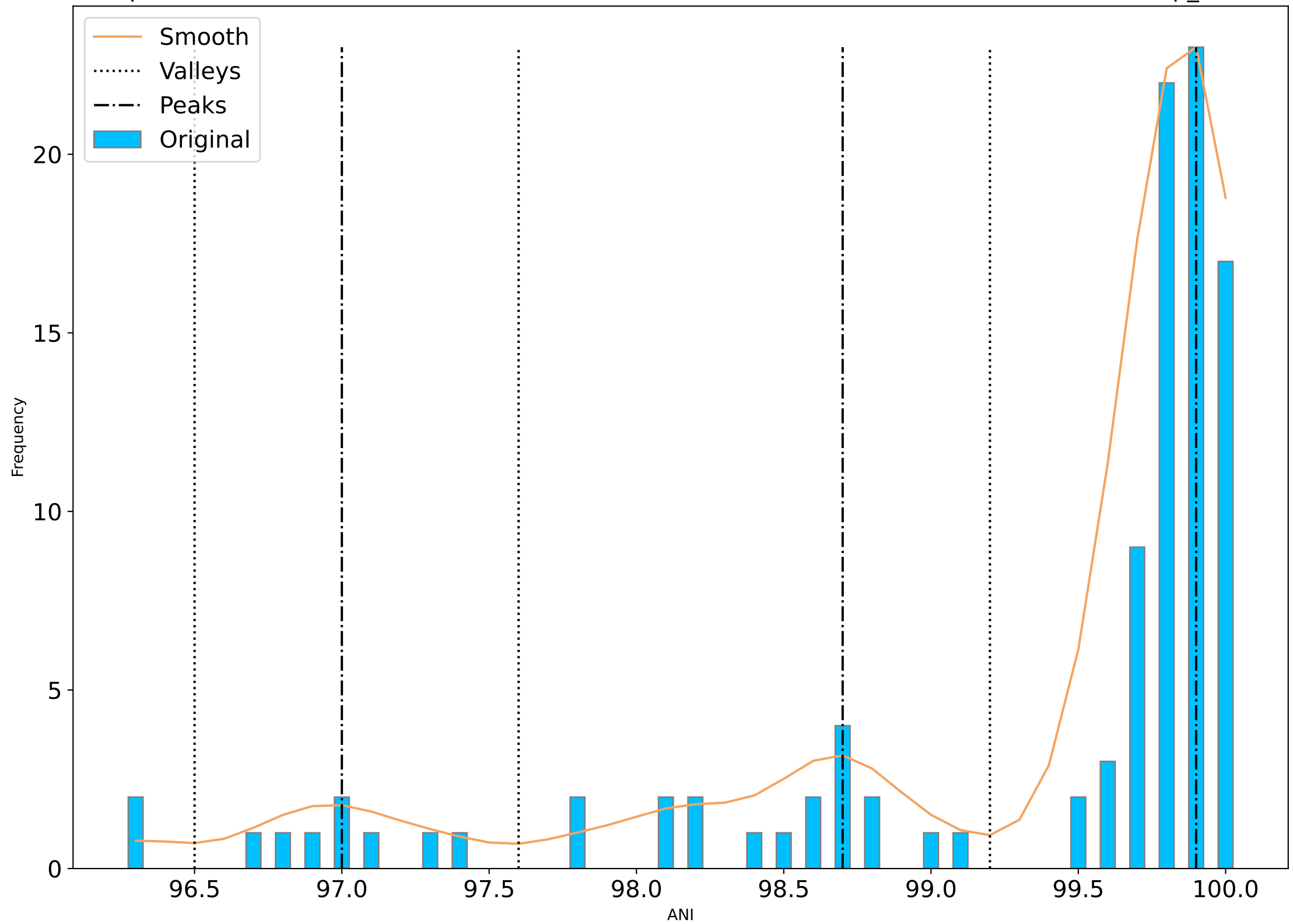


Species_950

Group 1

Norm_test 6.4728910809360606e-09

Dip_test 0.0

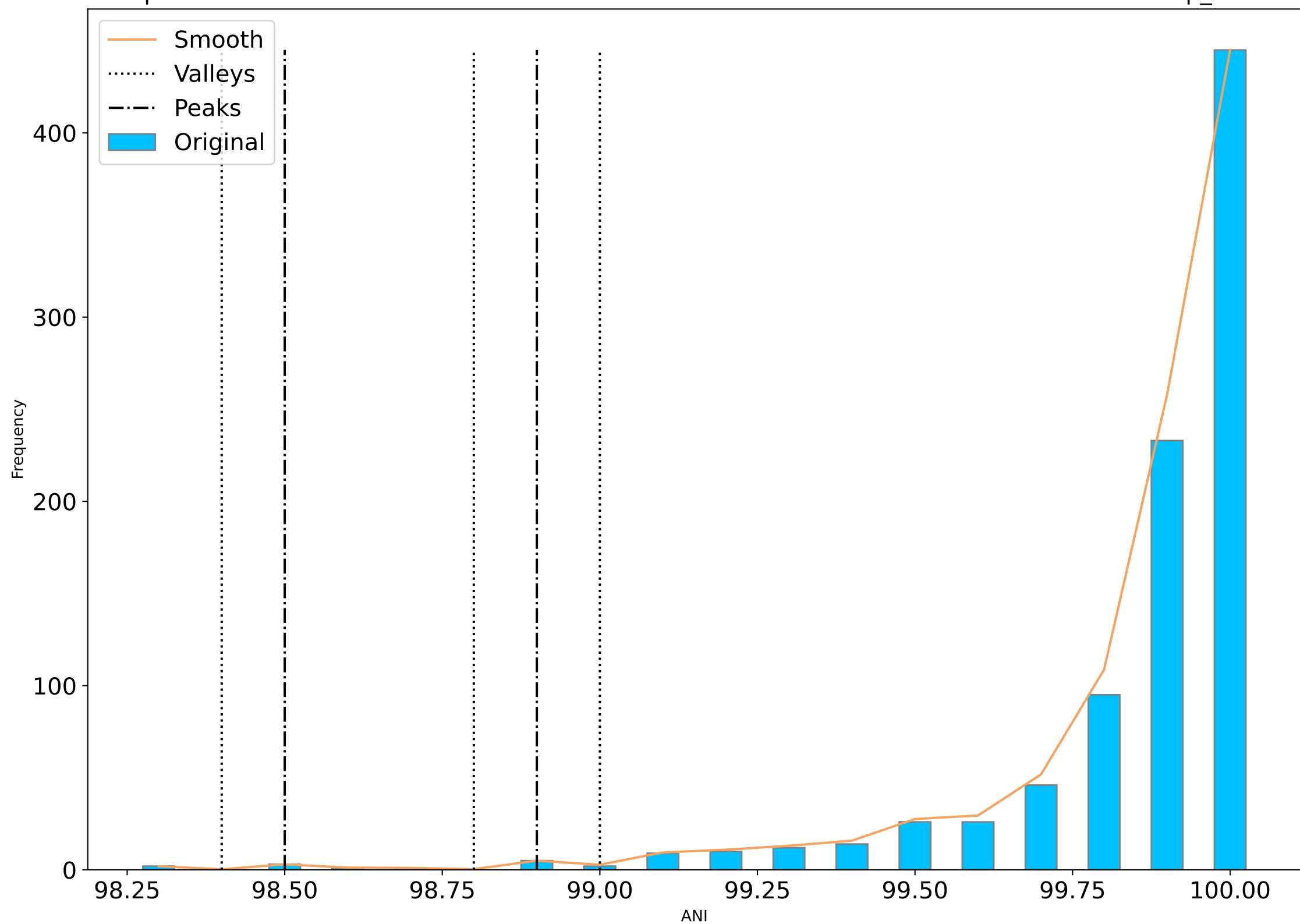


Species_953

Norm_test 3.8463822890368575e-137

Group 2

Dip_test 0.0

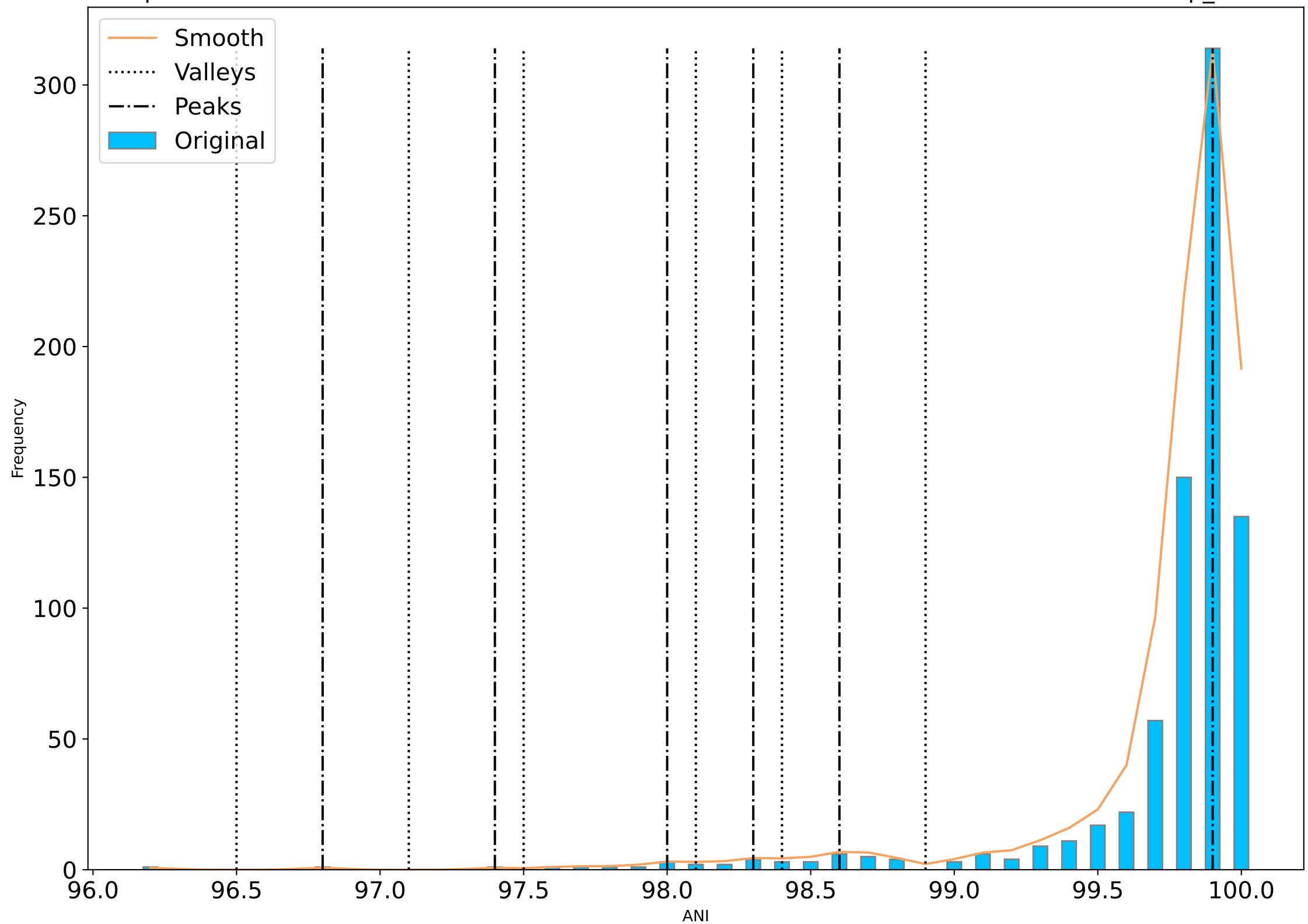


Species_954

Group 2

Norm_test 6.881349203514573e-146

Dip_test 0.0

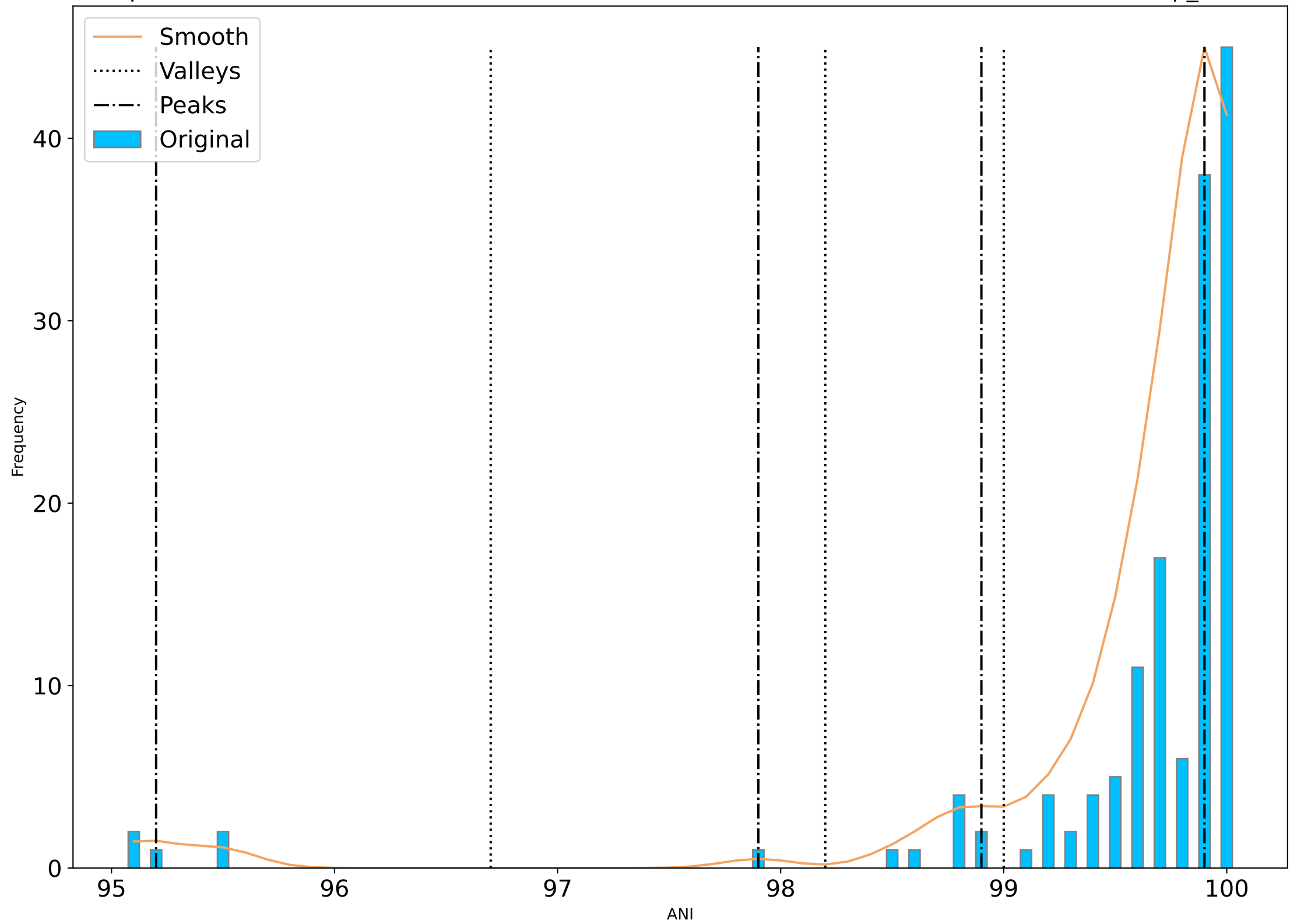


Species_955

Group 2

Norm_test 5.467128753434364e-34

Dip_test 0.0

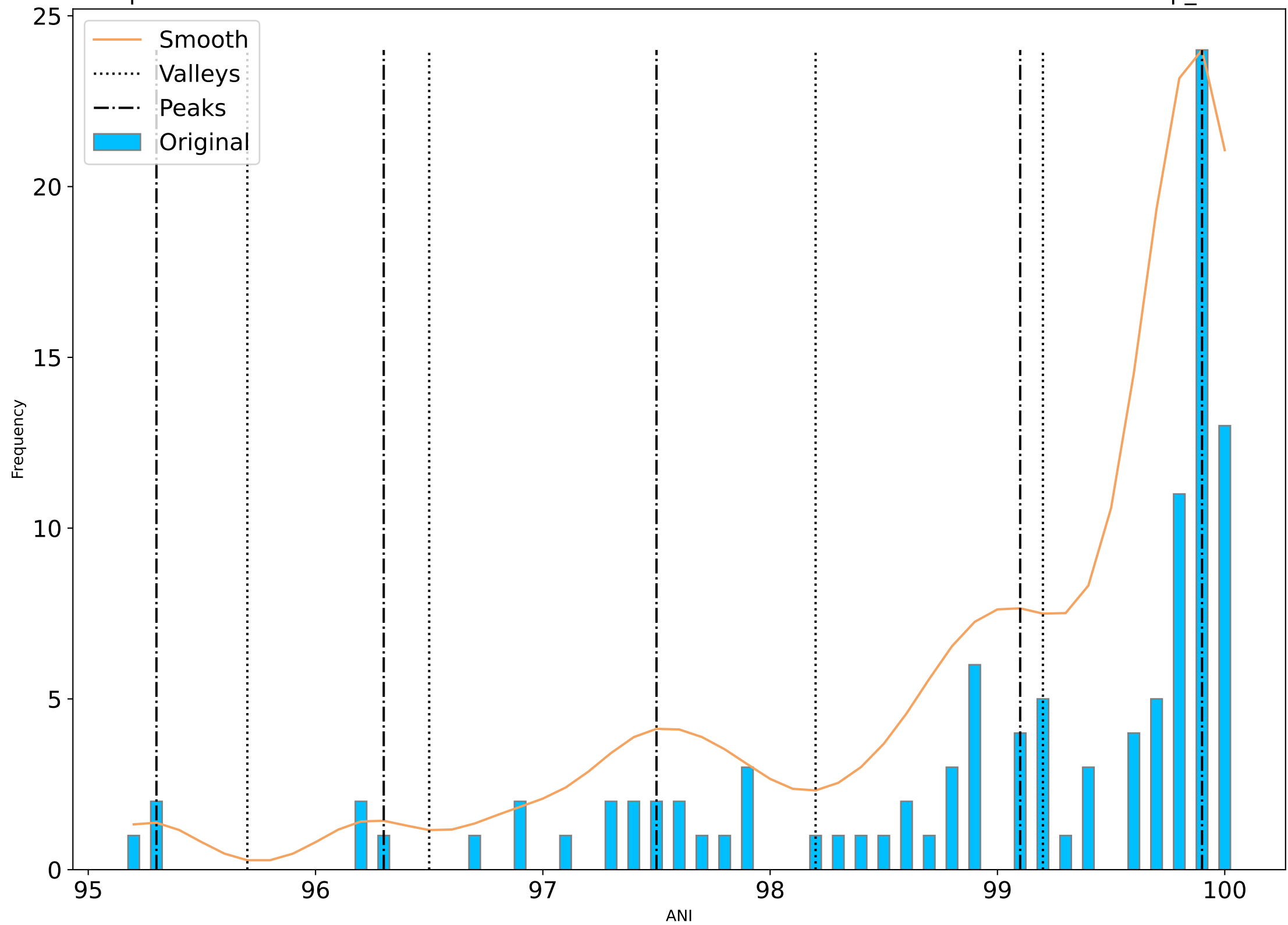


Species_959

Group 1

Norm_test 2.467162413872412e-07

Dip_test 0.0

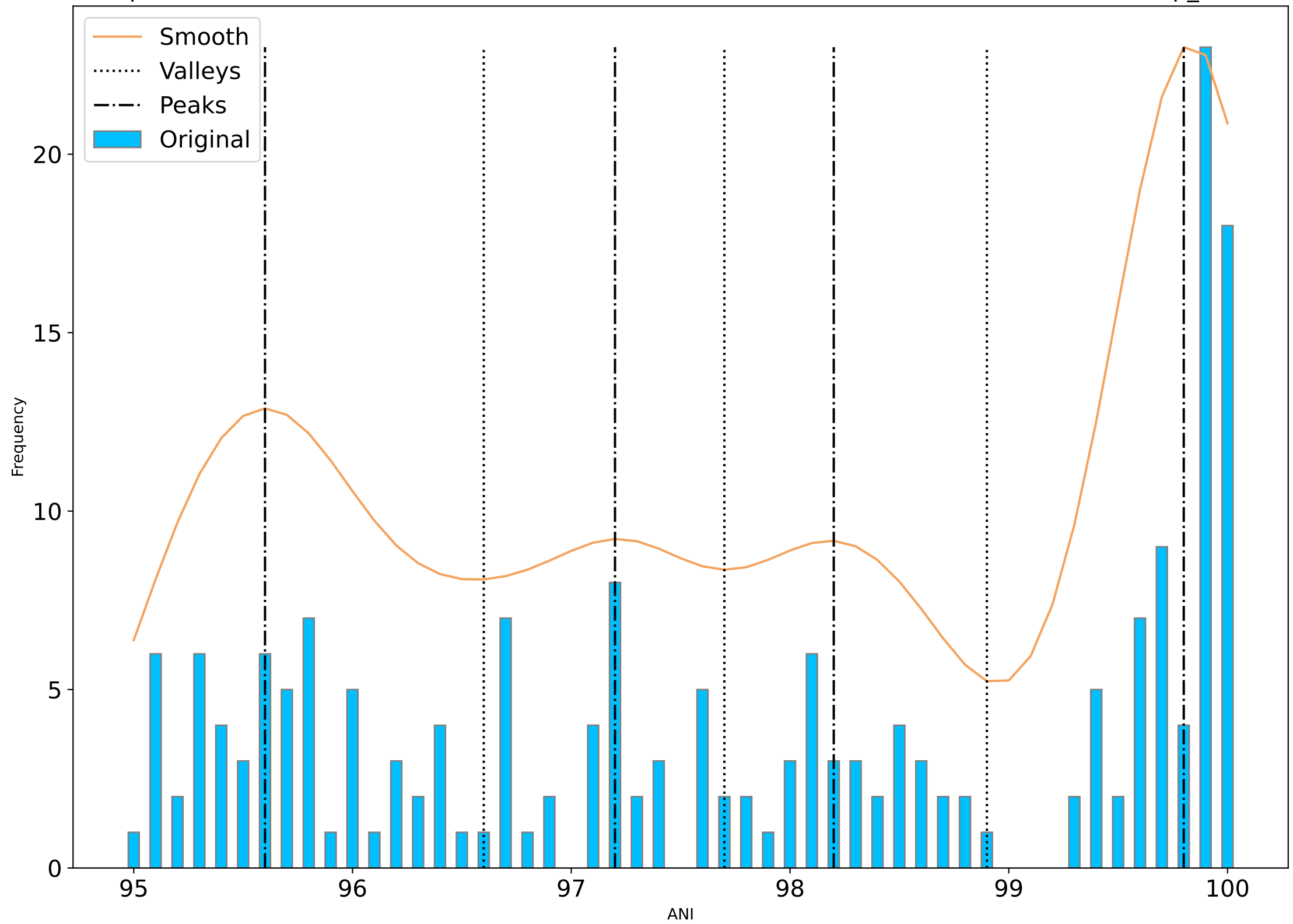


Species_964

Group 1

Norm_test 0.0

Dip_test 0.0

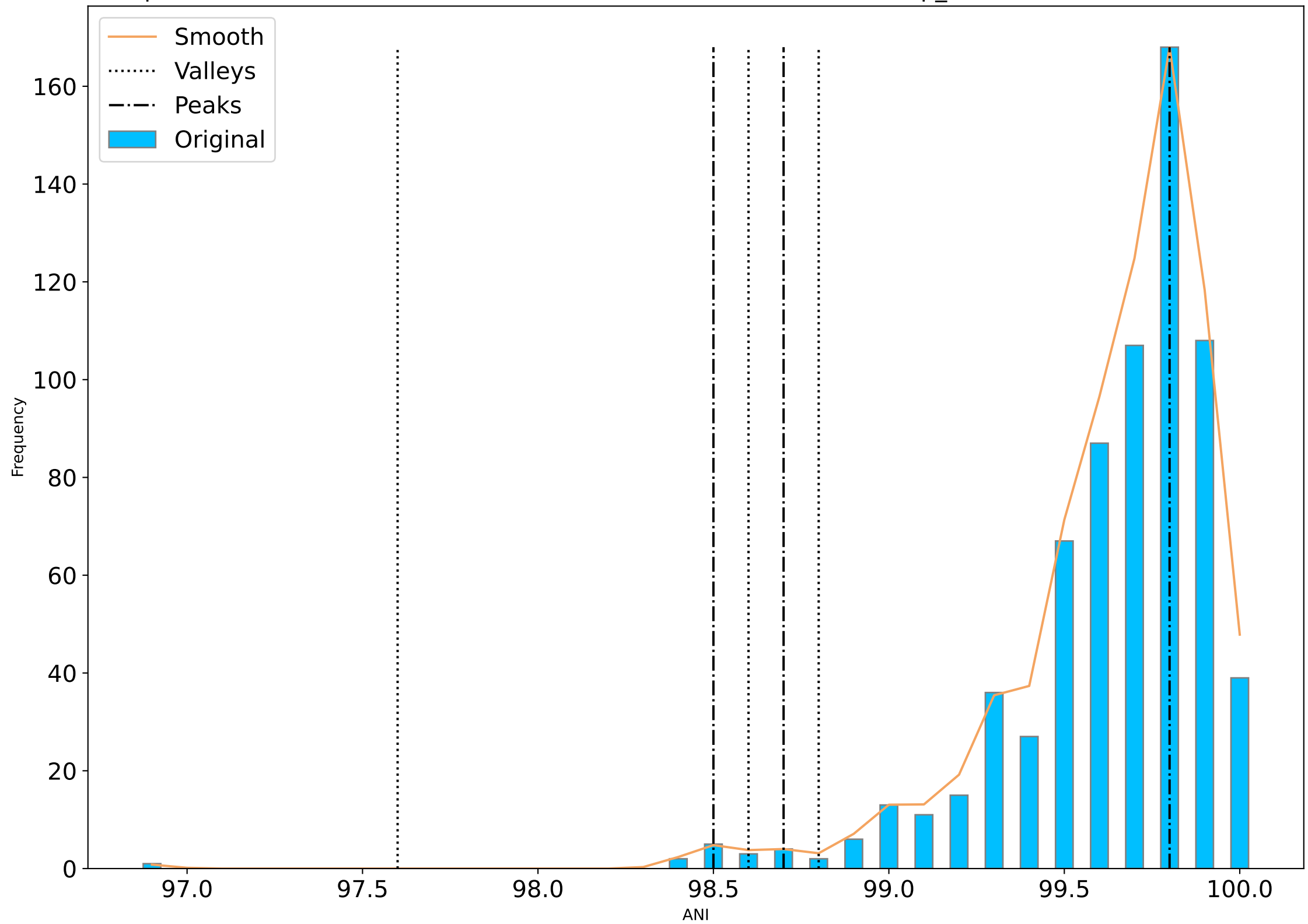


Species_966

Group 2

Norm_test 3.1864979535163117e-90

Dip_test 0.0010193359892169962

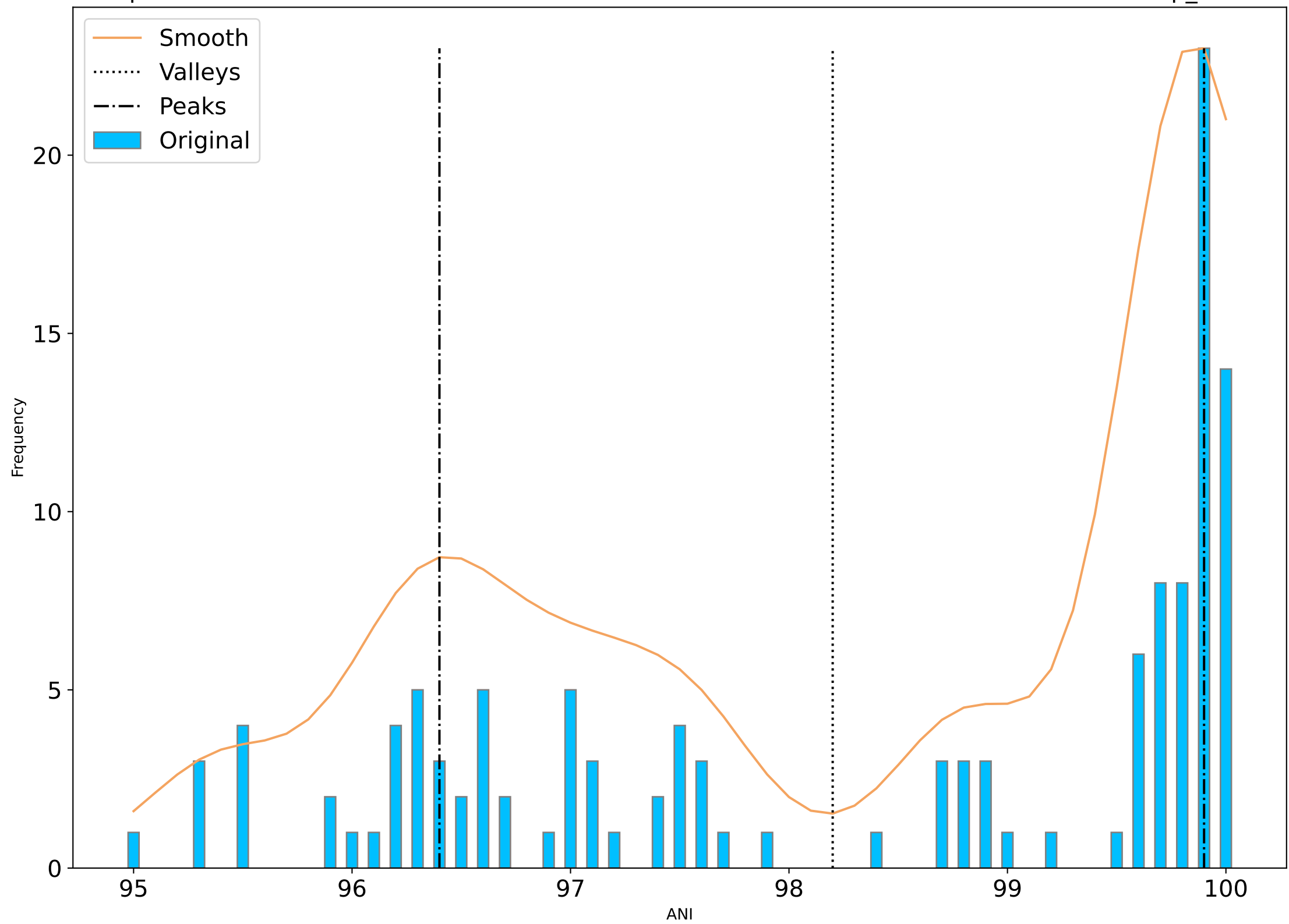


Species_973

Group 3

Norm_test 4.2110499617598784e-35

Dip_test 0.0

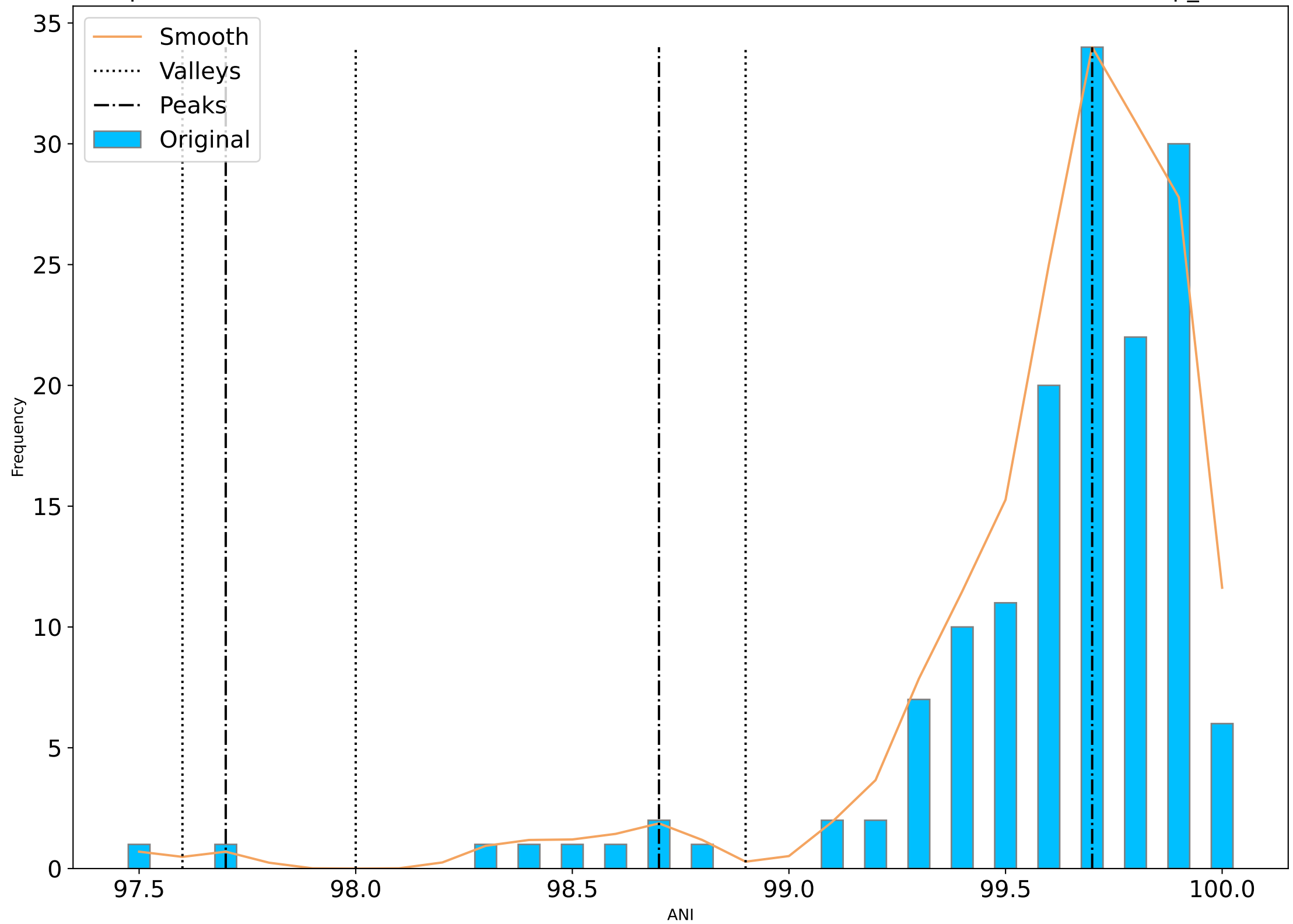


Species_975

Group 2

Norm_test 1.8968009126591093e-26

Dip_test 0.0

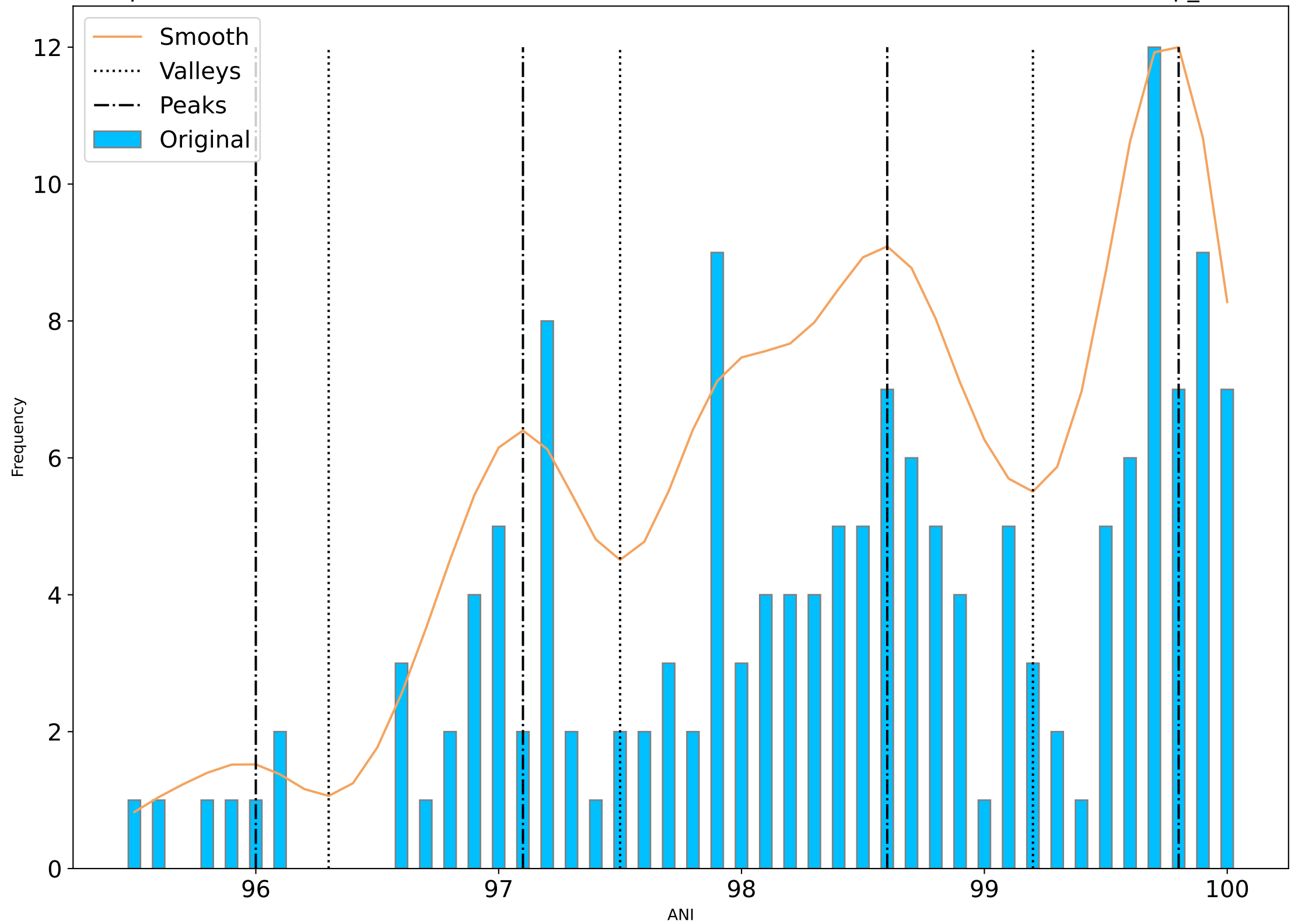


Species_978

Group 1

Norm_test 0.004273171345732939

Dip_test 0.0

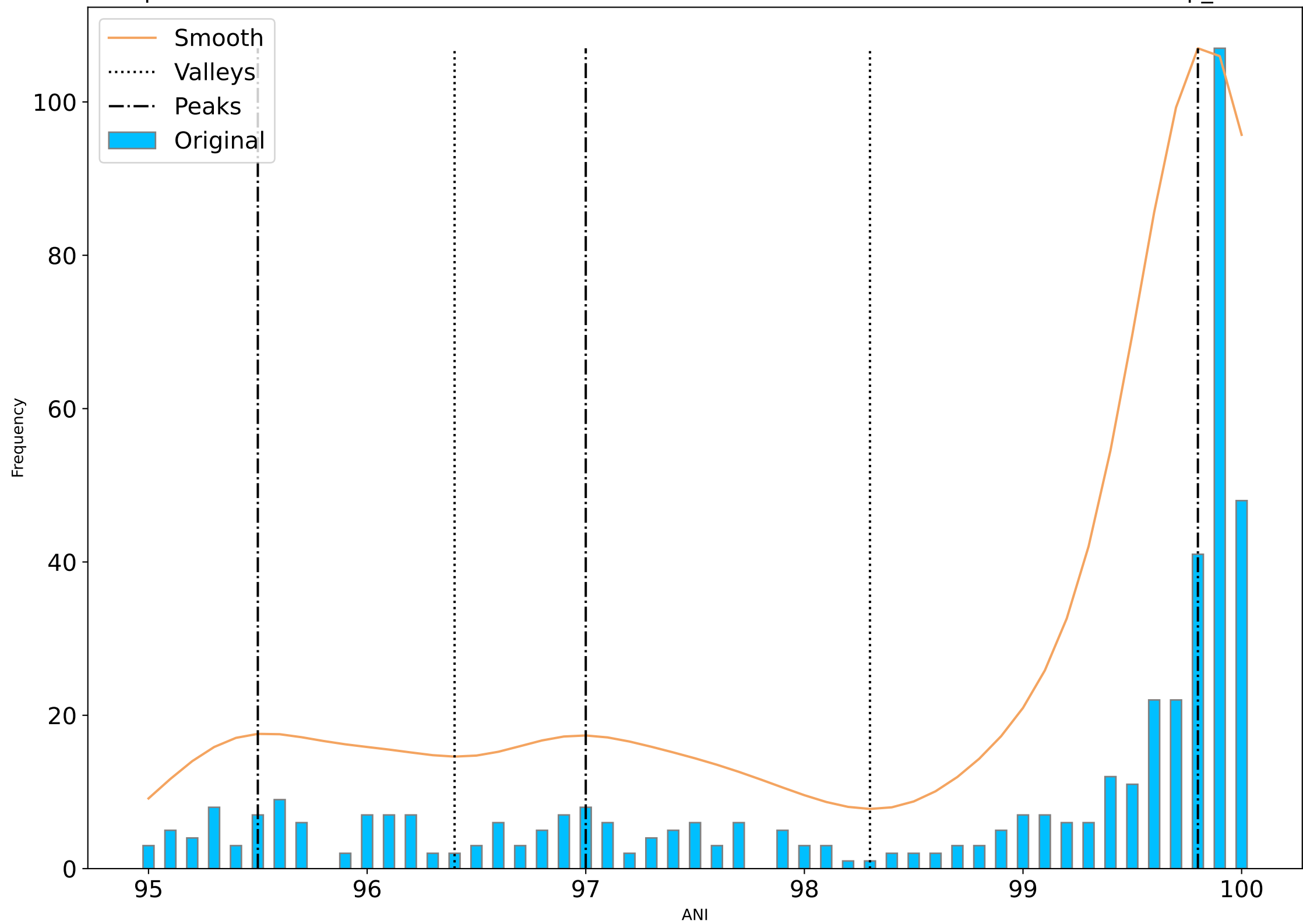


Species_981

Group 3

Norm_test 6.107959005216802e-16

Dip_test 0.0

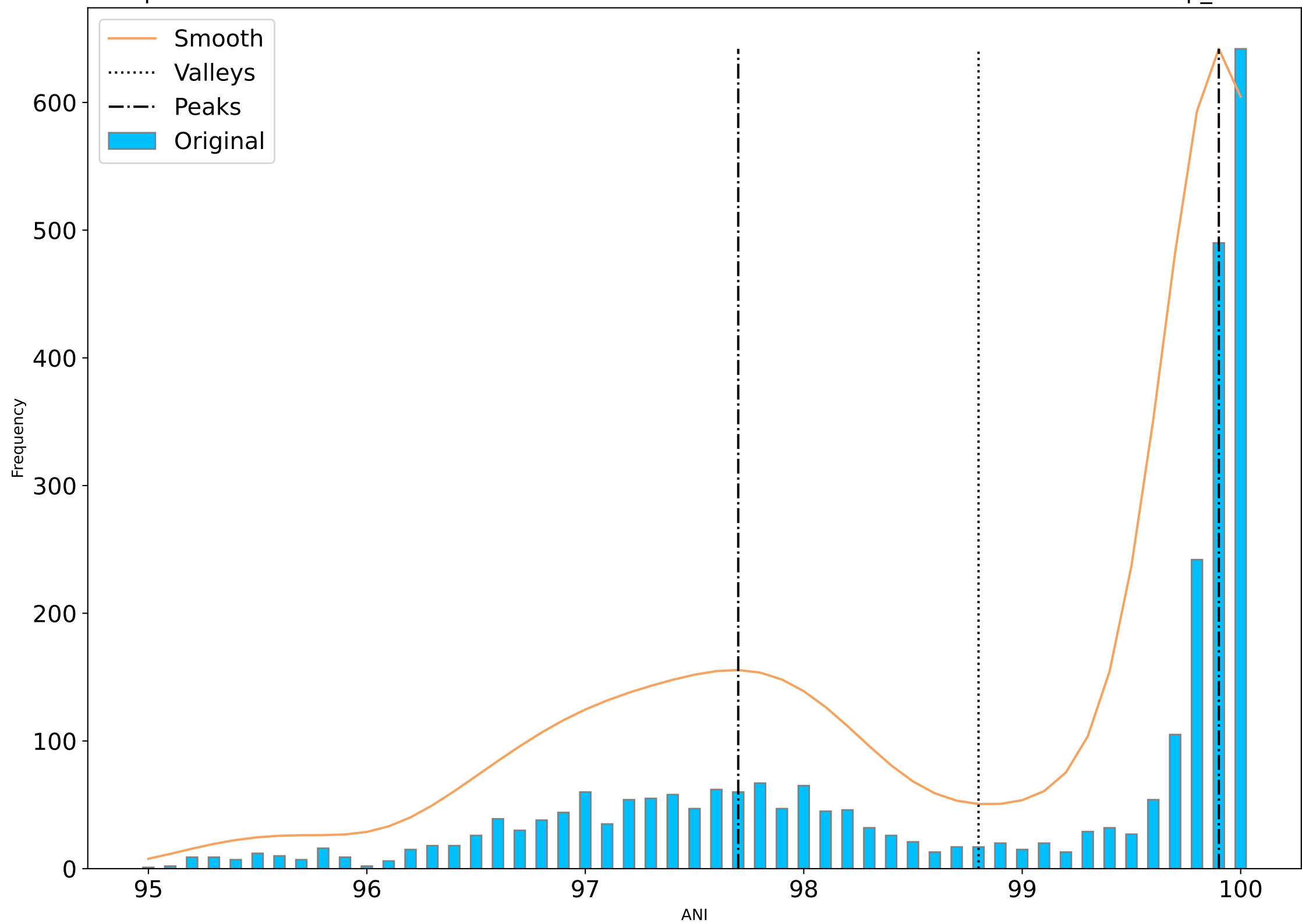


Species_984

Group 1

Norm_test 4.215668283192452e-84

Dip_test 0.0

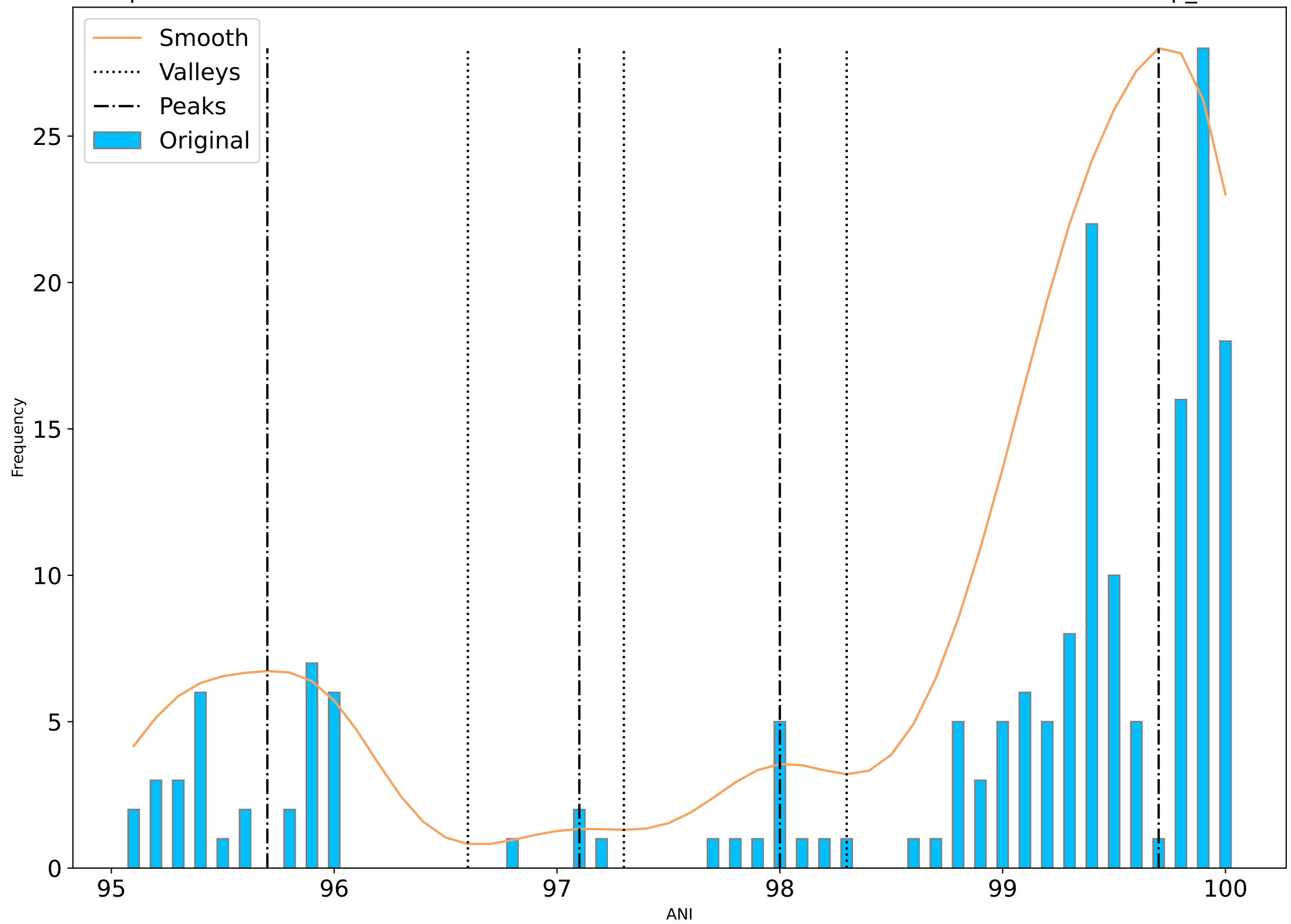


Species_985

Group 3

Norm_test 4.180724732056078e-08

Dip_test 0.0

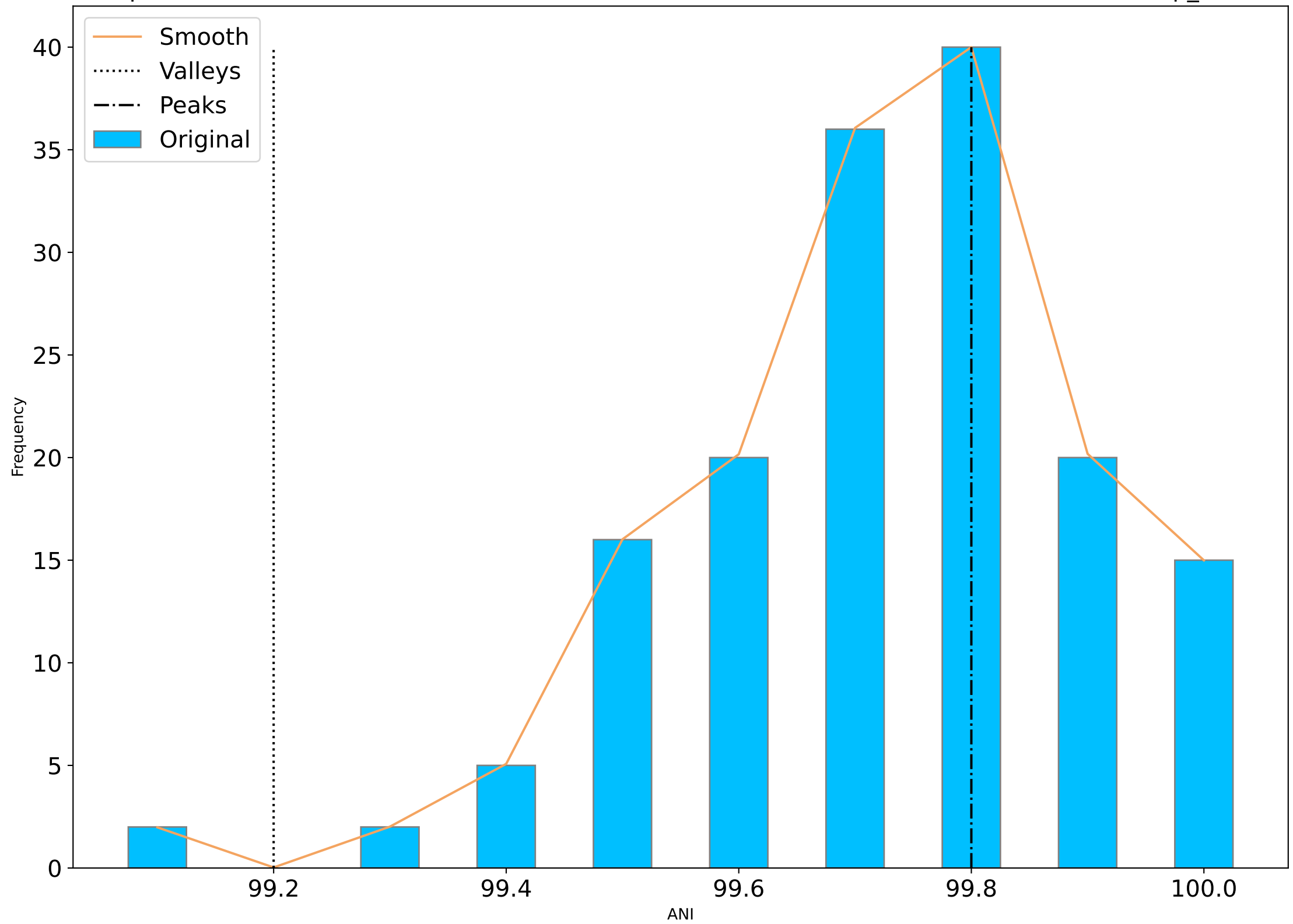


Species_993

Group 2

Norm_test 0.0007282837258039139

Dip_test 0.0

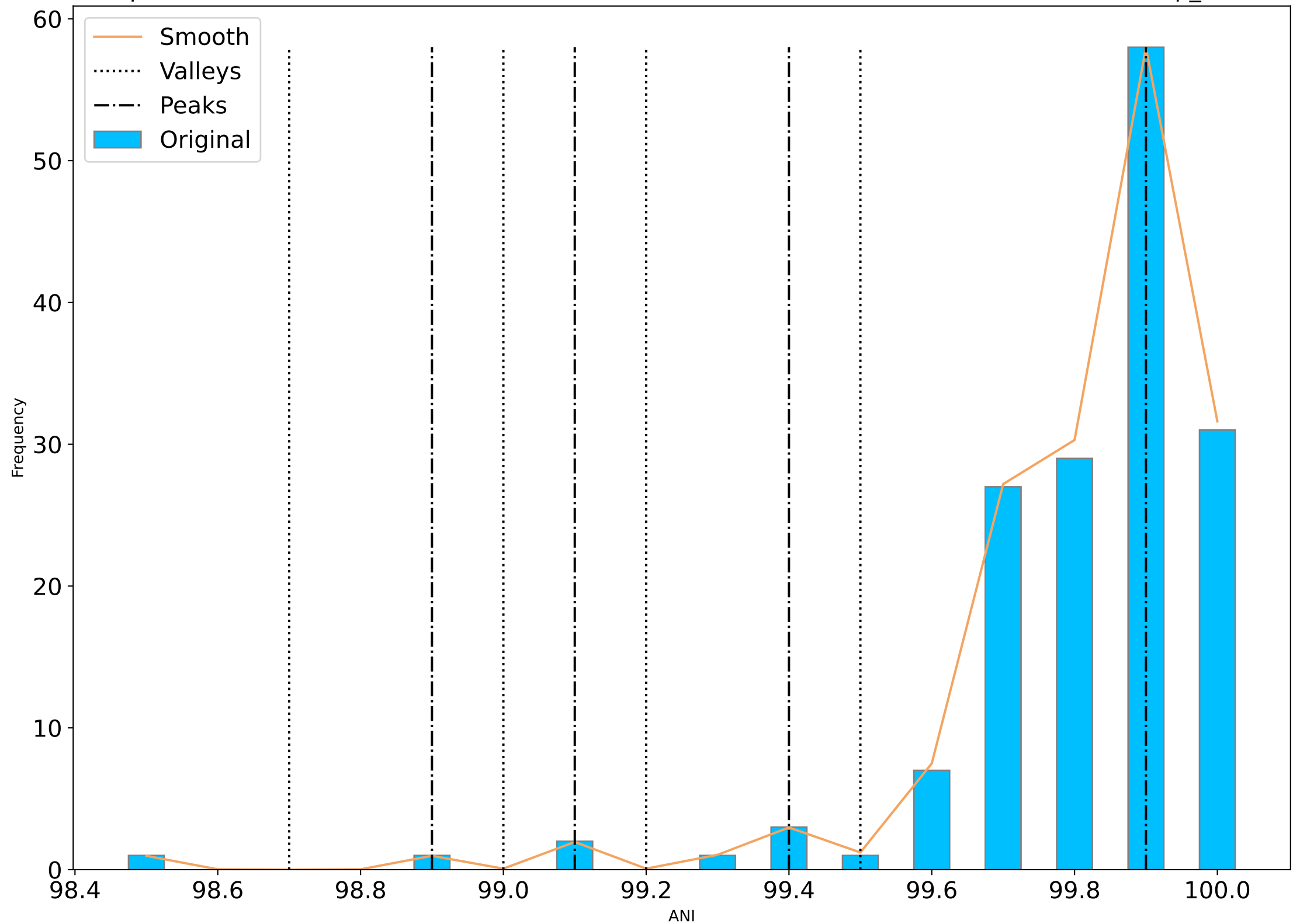


Species_994

Group 2

Norm_test 8.246762772730971e-31

Dip_test 0.0

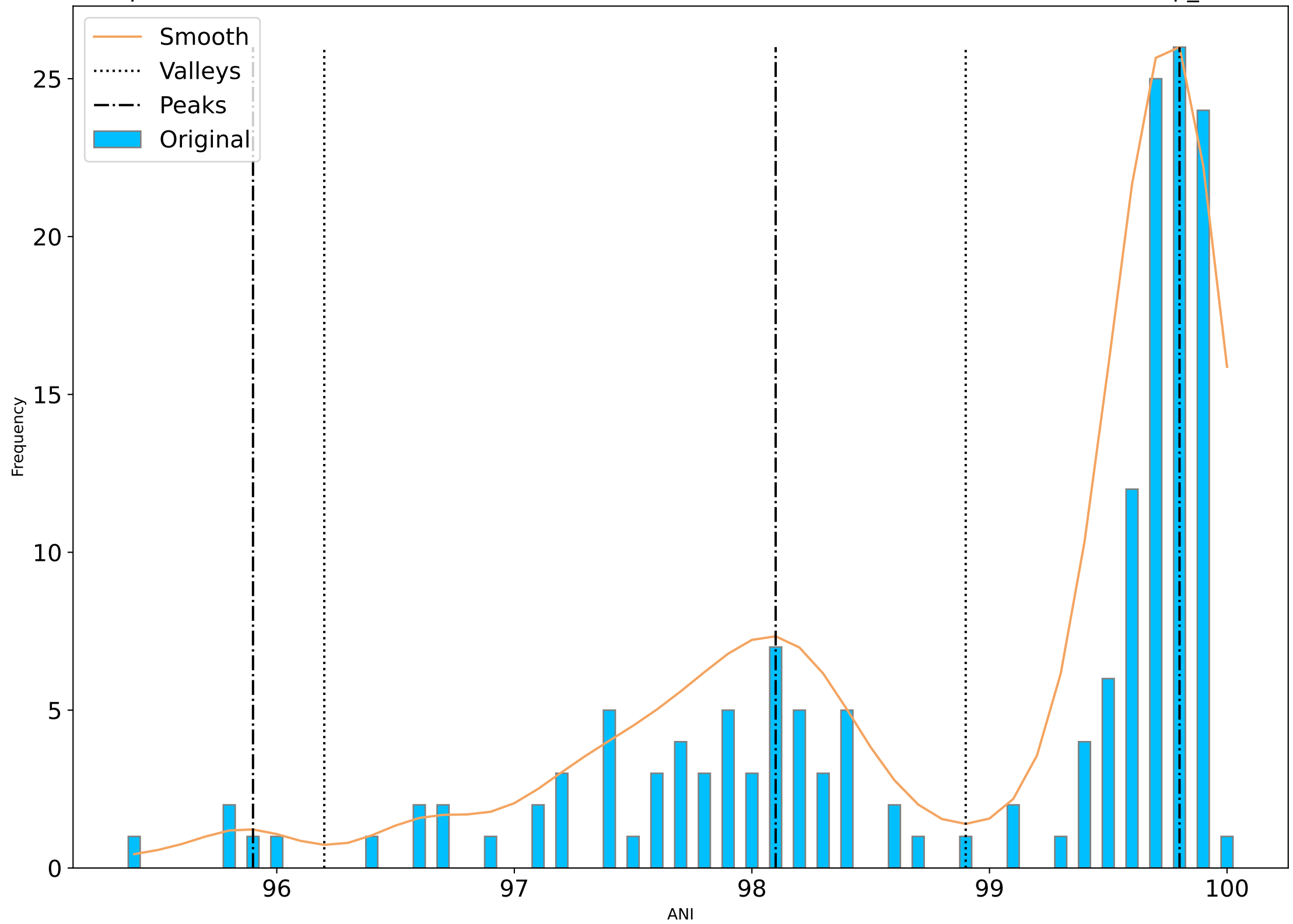


Species_997

Group 1

Norm_test 9.960208895775345e-06

Dip_test 0.0

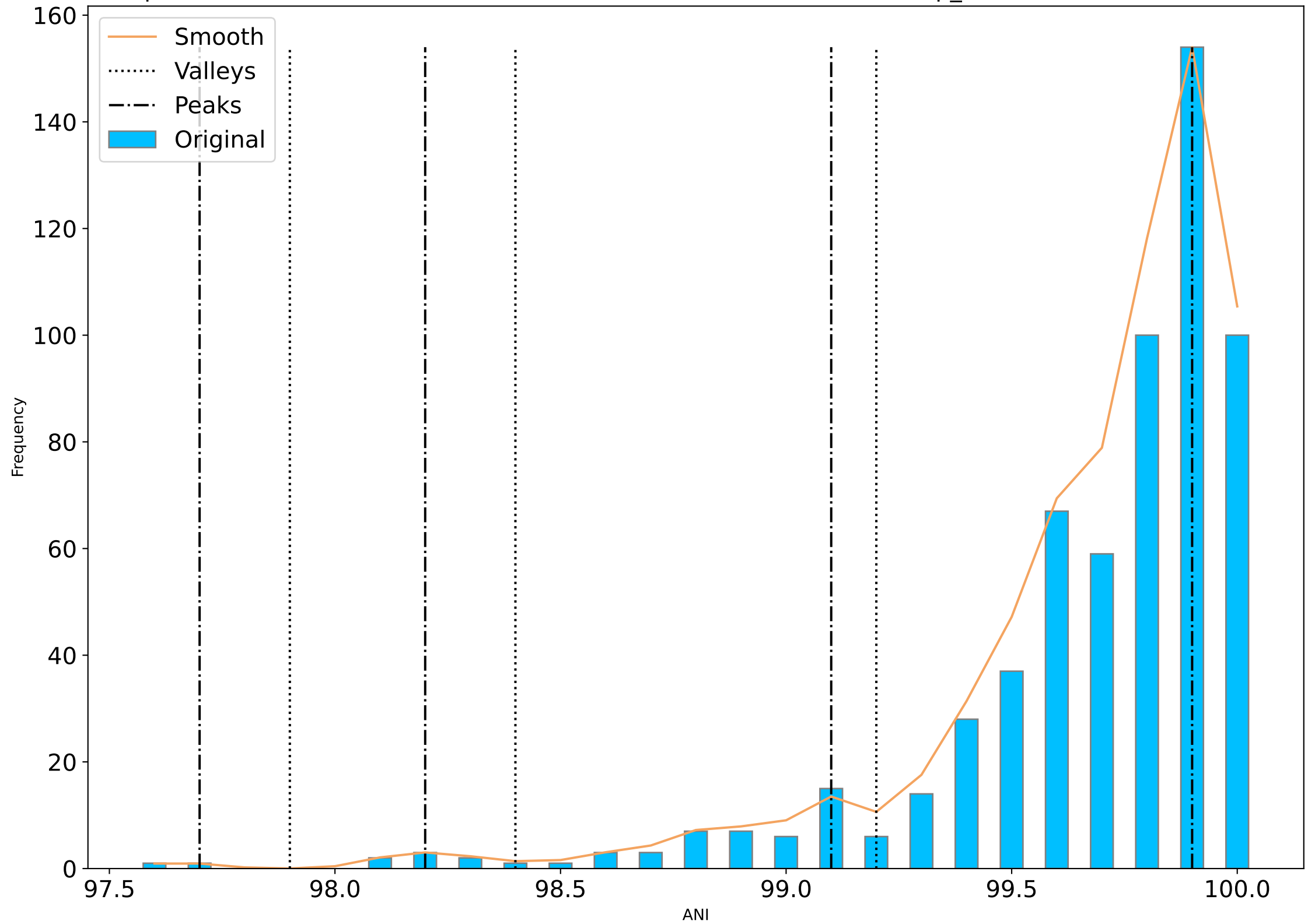


Species_998

Group 2

Norm_test 1.3187947876951128e-68

Dip_test 0.000993046743821946

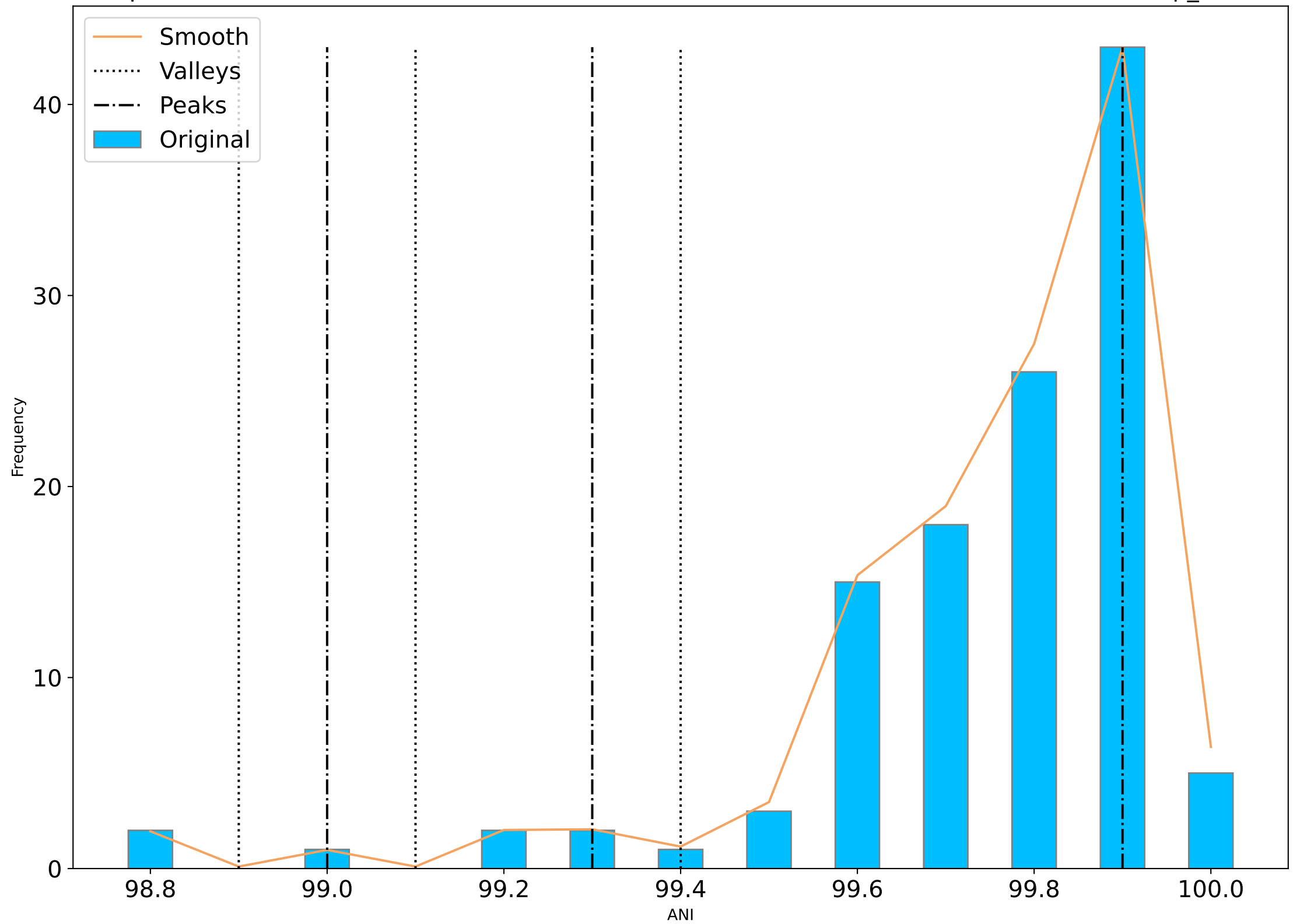


Species_999

Group 2

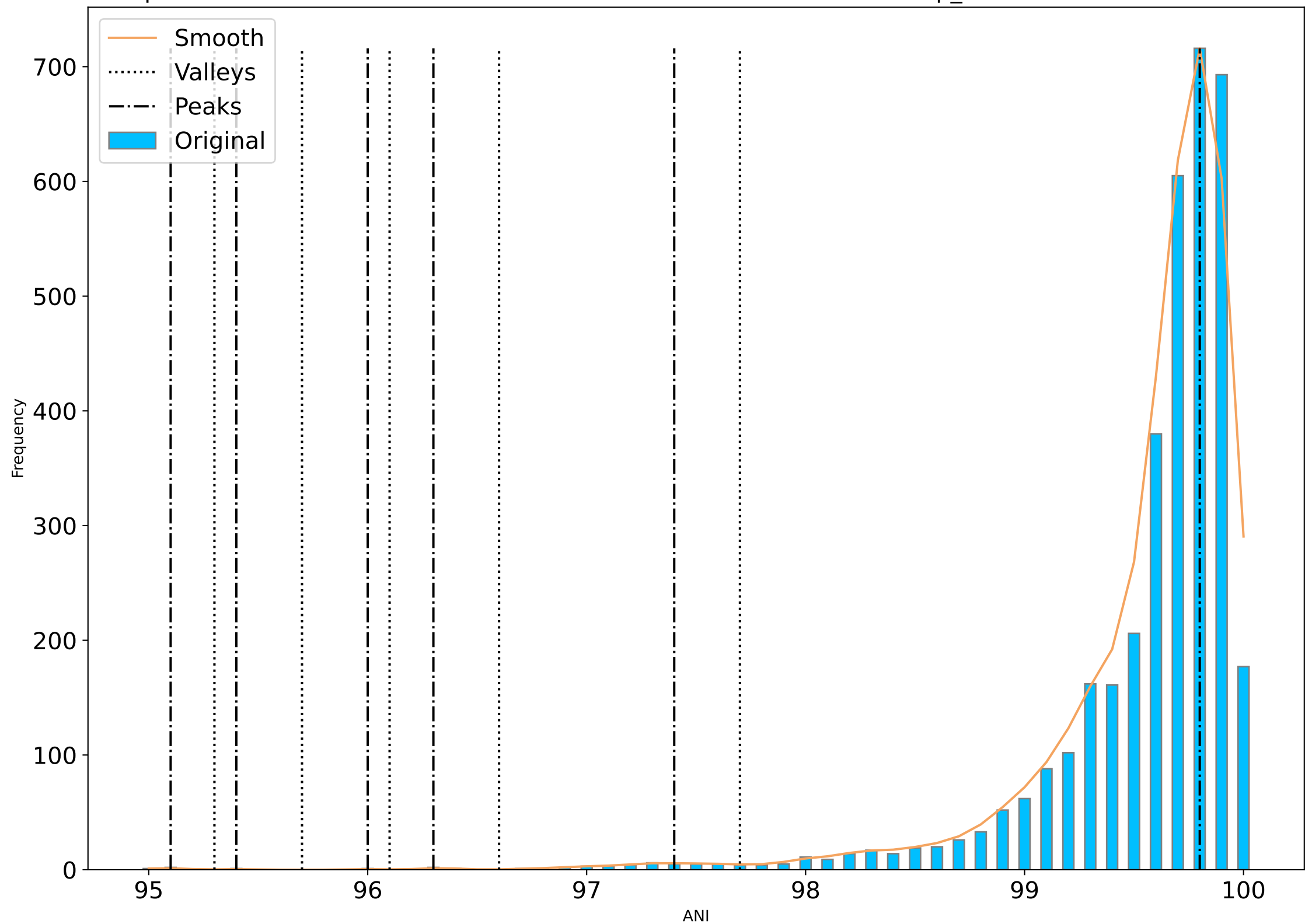
Norm_test 9.300332888798428e-16

Dip_test 0.0



Species_1007
Group 2

Norm_test 0.0
Dip_test 0.004265833234861627

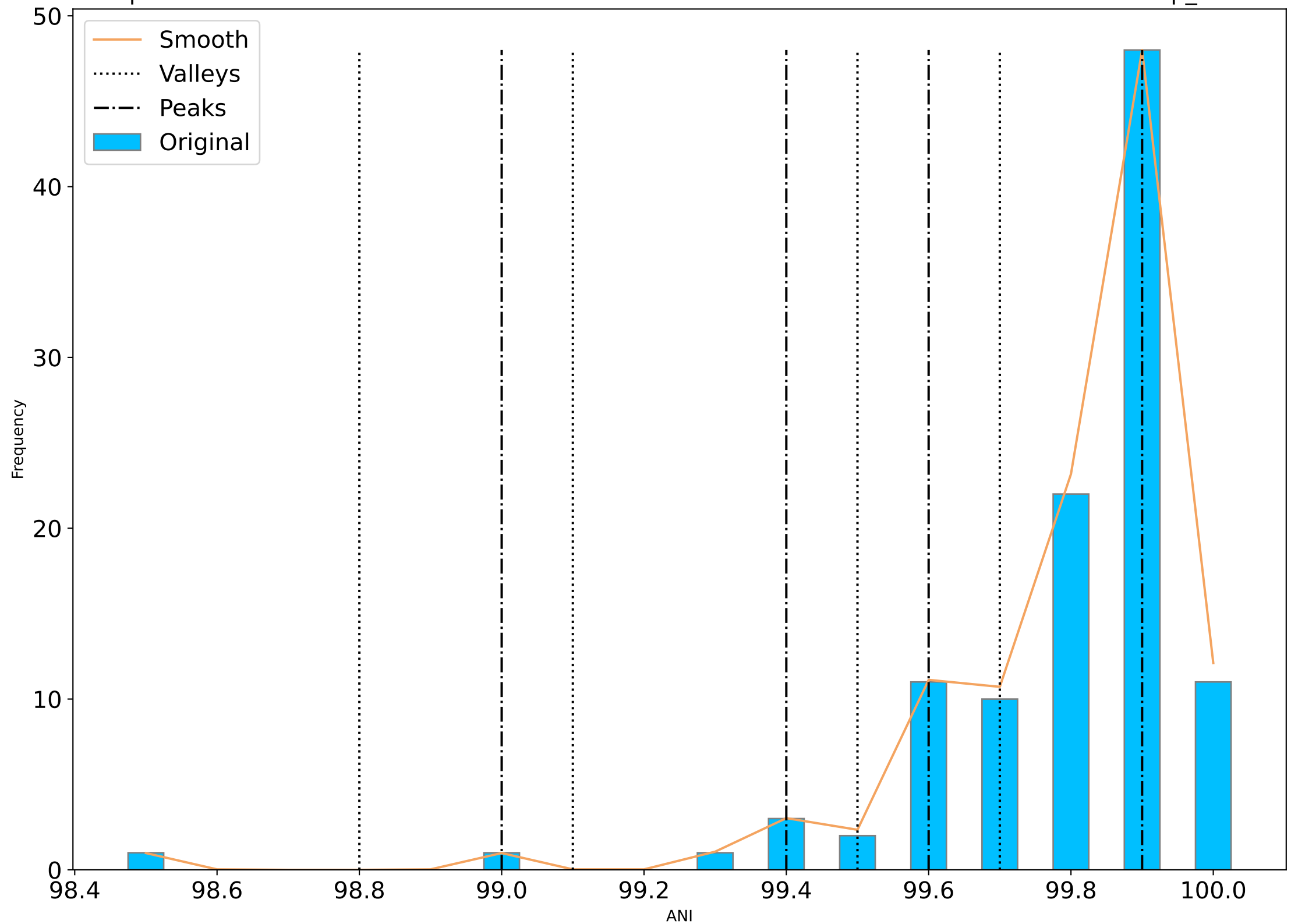


Species_1008

Group 2

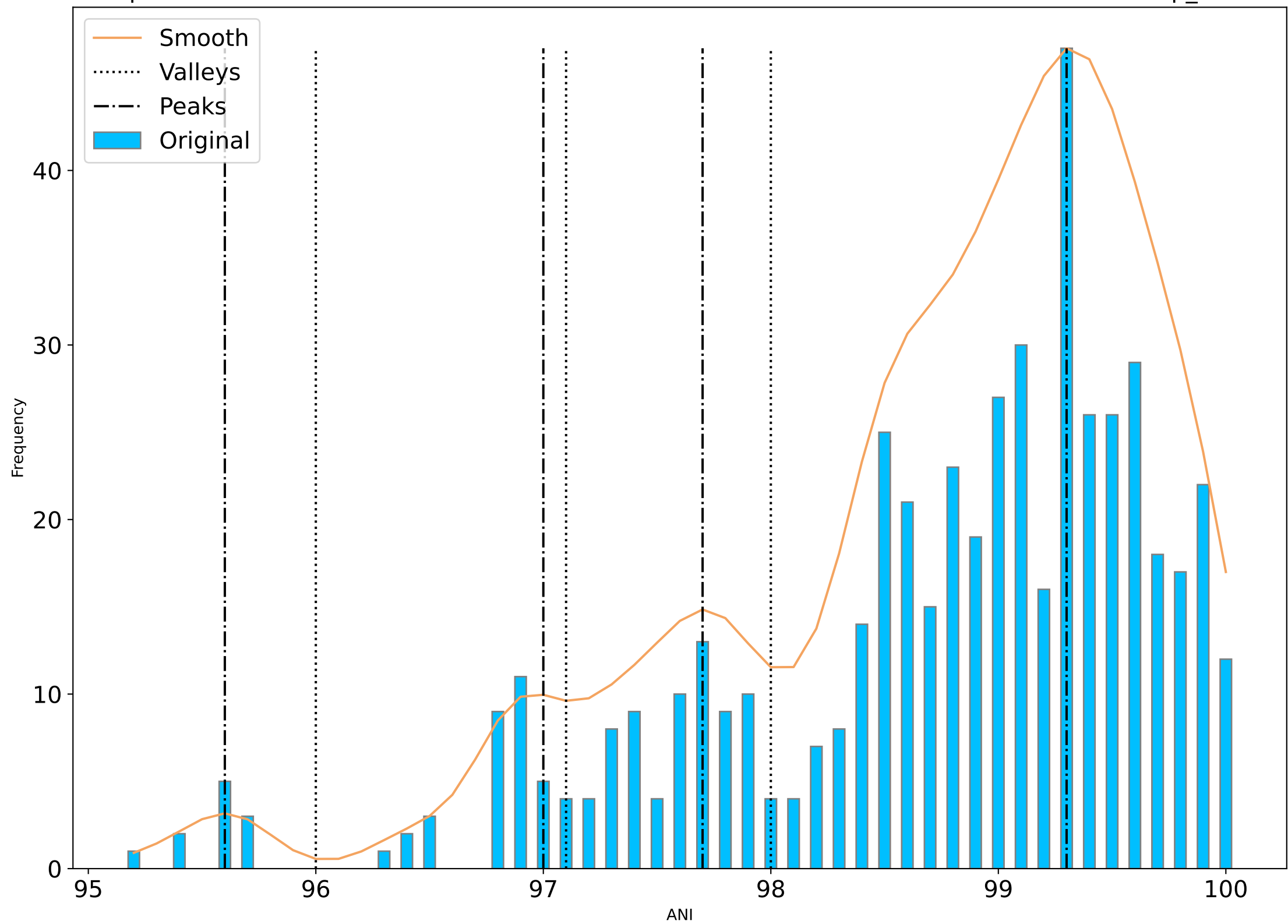
Norm_test 1.7259188227079656e-23

Dip_test 0.0



Species_1009
Group 4

Norm_test 7.724190953120061e-20
Dip_test 0.0

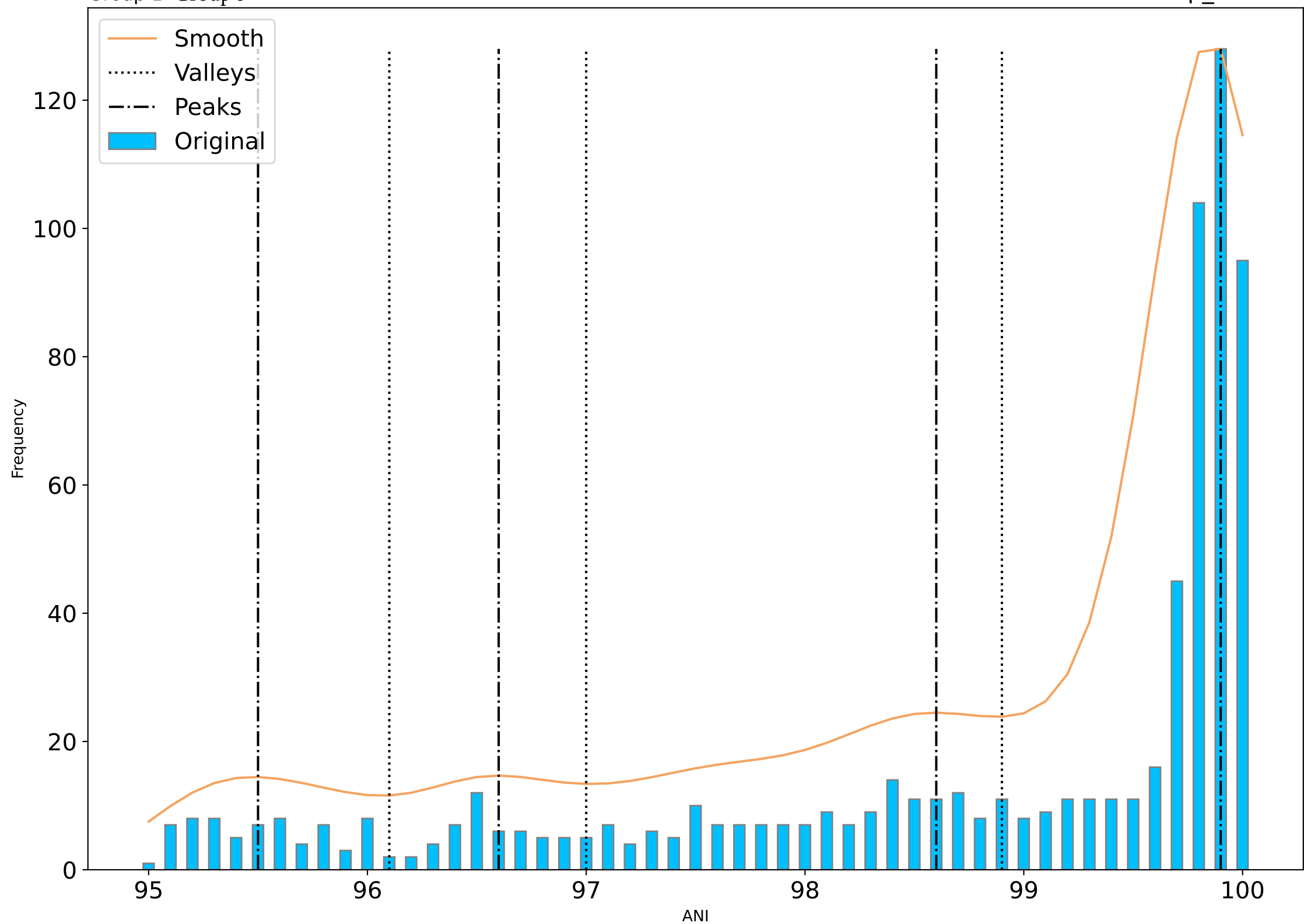


Species_1010

Norm_test 1.4359655972938142e-24

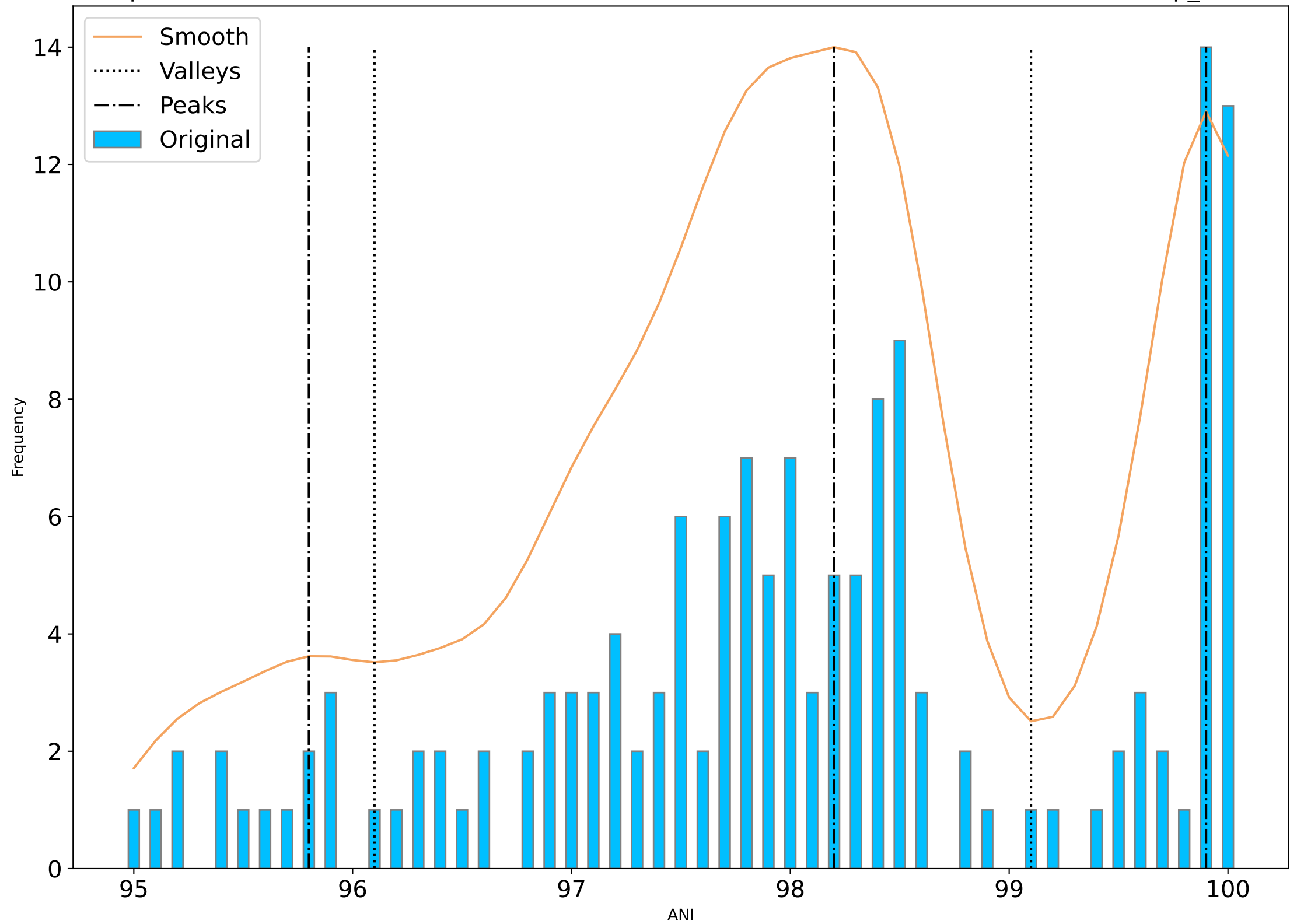
~~Group 1~~ Group 3

Dip_test 0.0



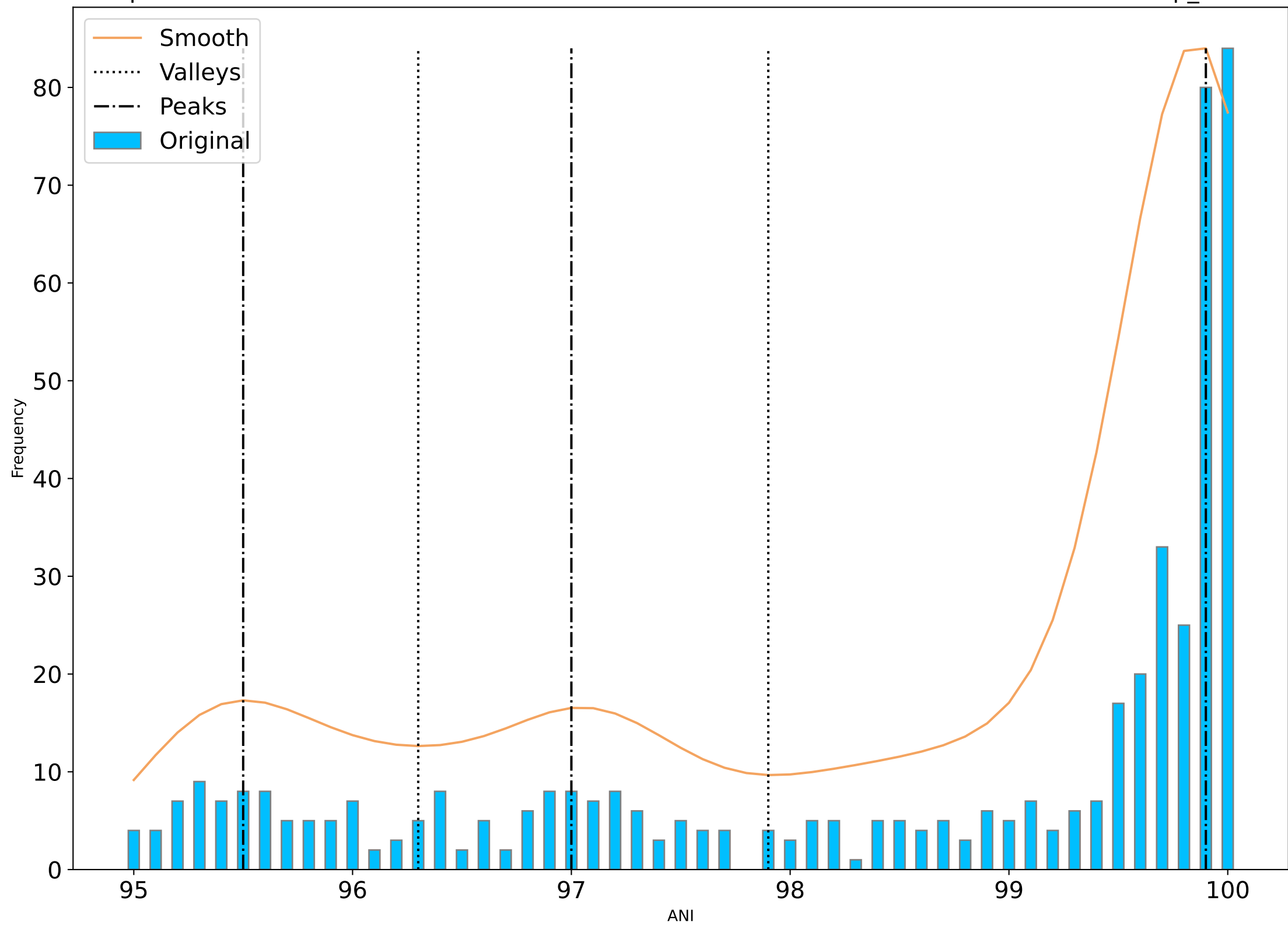
Species_1012
Group 3

Norm_test 0.0751141863993607
Dip_test 0.0



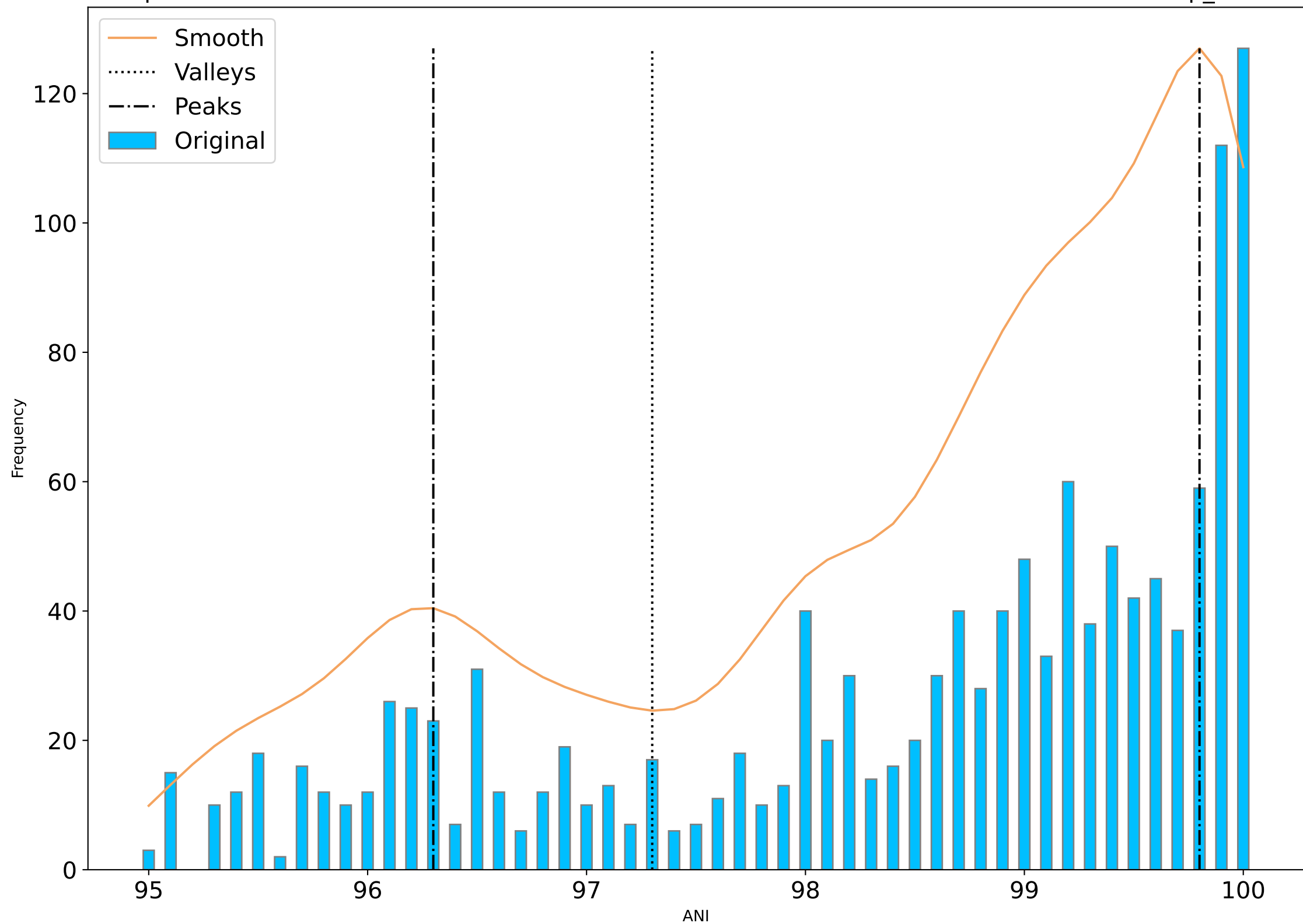
Species_1014
Group 3

Norm_test 8.023304705668314e-22
Dip_test 0.0



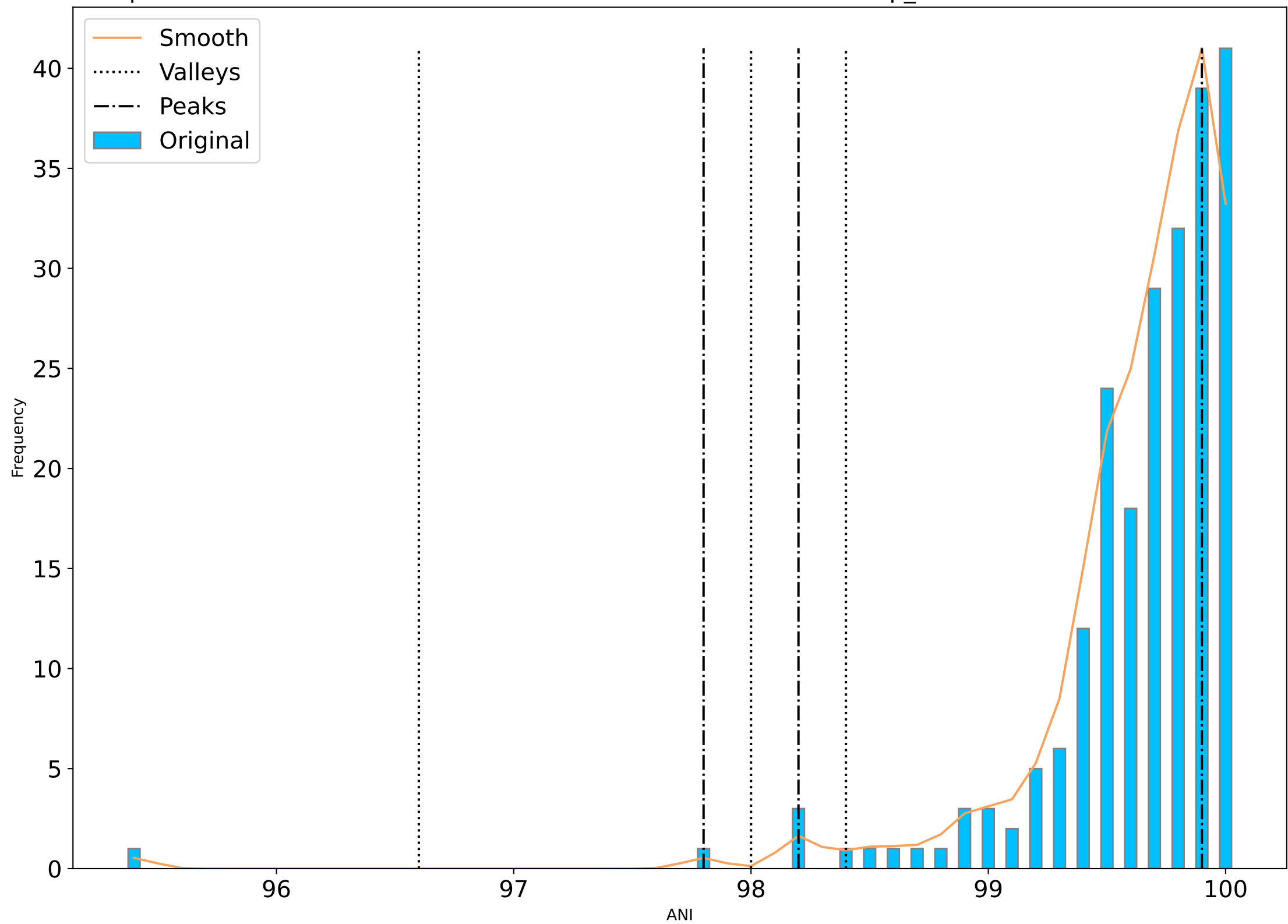
Species_1015
Group 3

Norm_test 1.3119105933476537e-34
Dip_test 0.0



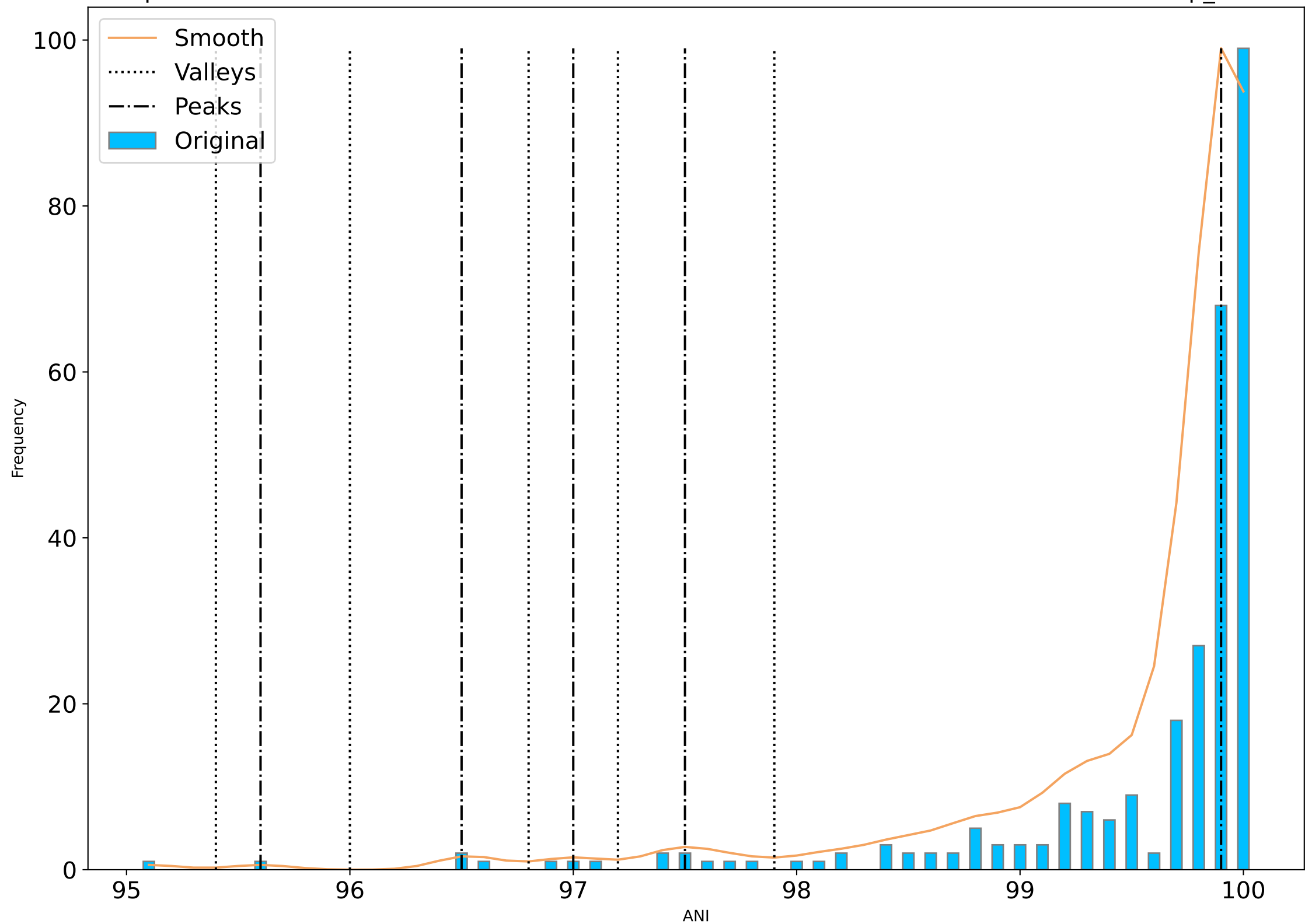
Species_1019
Group 2

Norm_test 1.855596054371408e-54
Dip_test 0.00022776872552177085



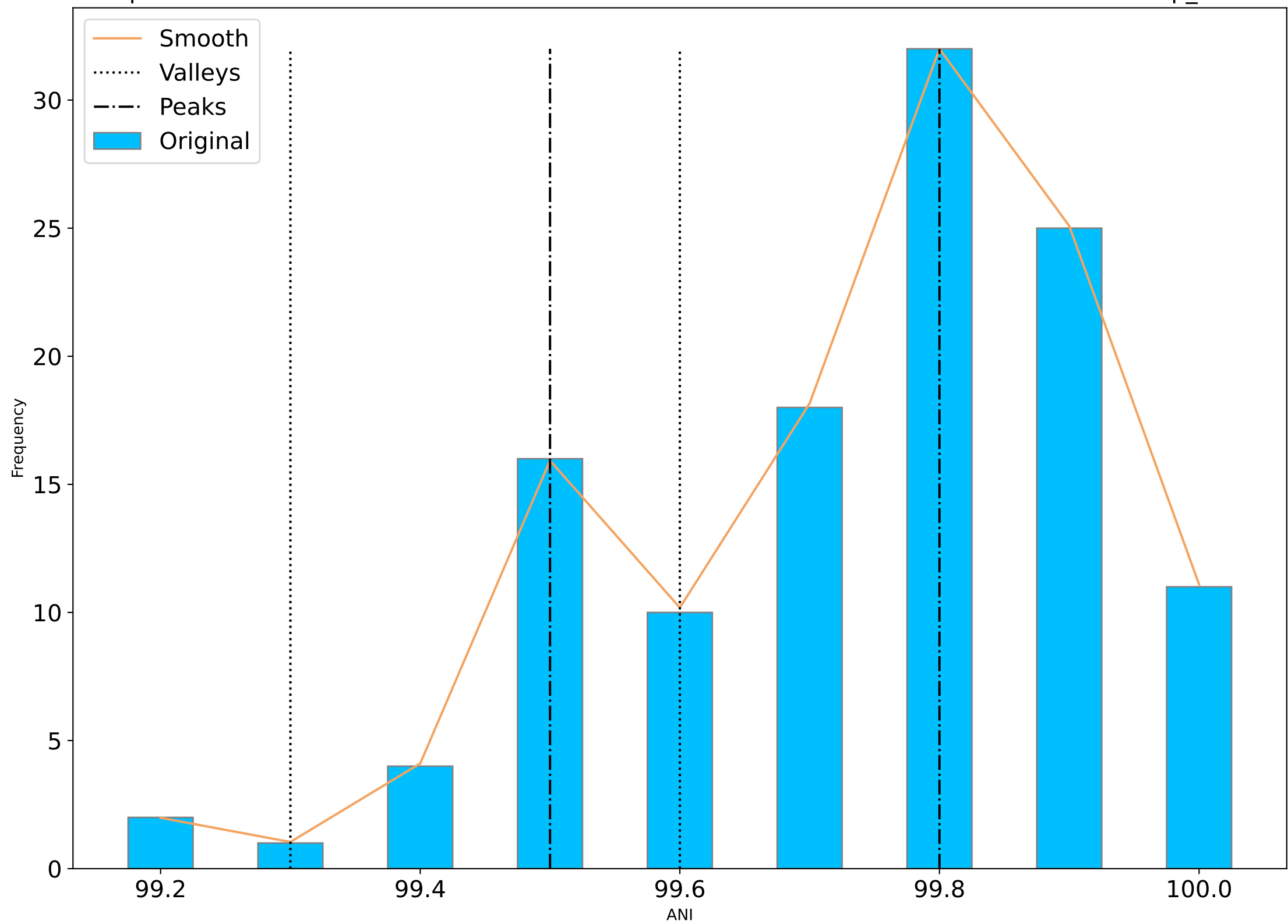
Species_1024
Group 2

Norm_test 5.563395612490058e-44
Dip_test 0.0



Species_1031
Group 2

Norm_test 0.01357941664184079
Dip_test 0.0

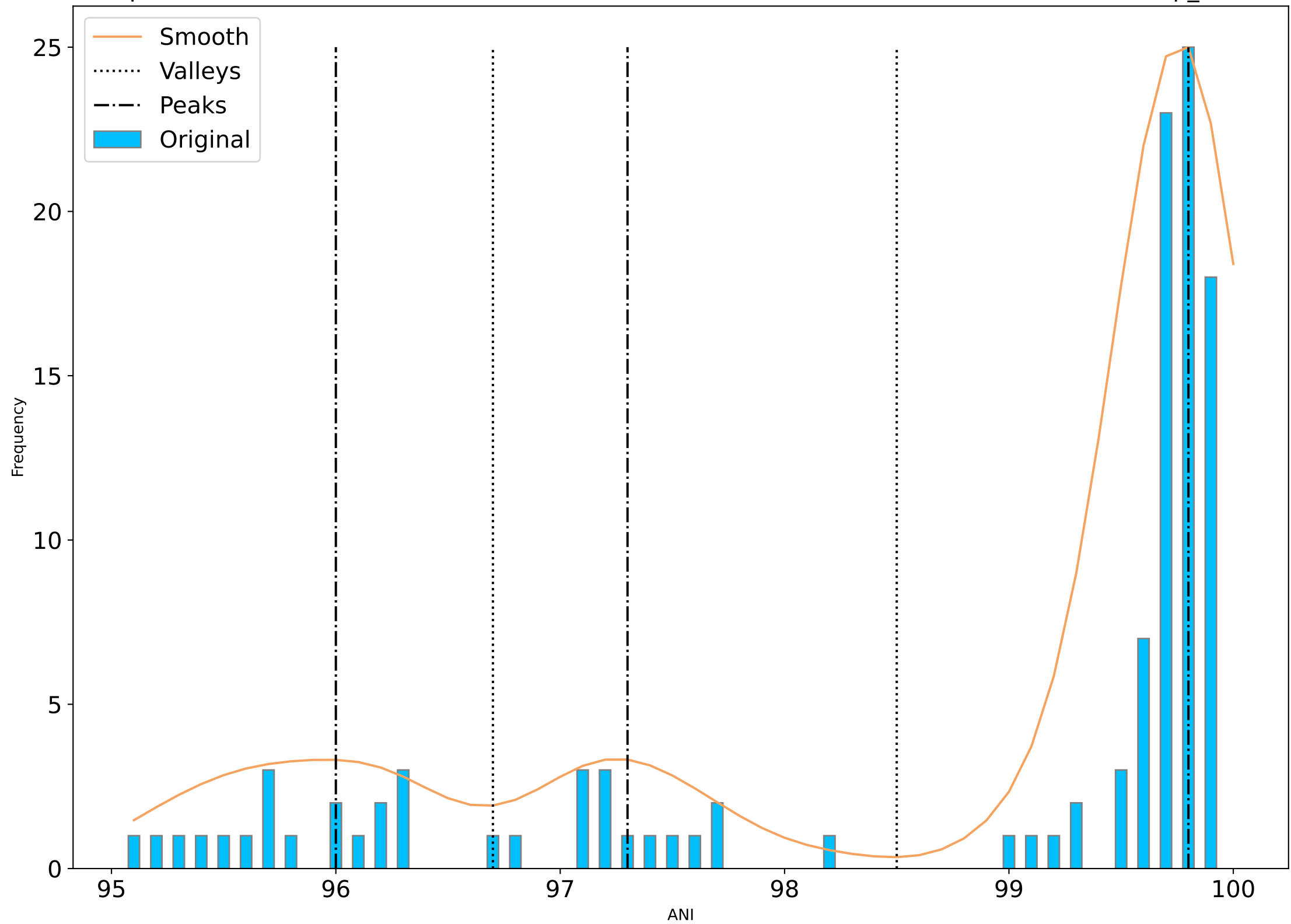


Species_1032

Group 3

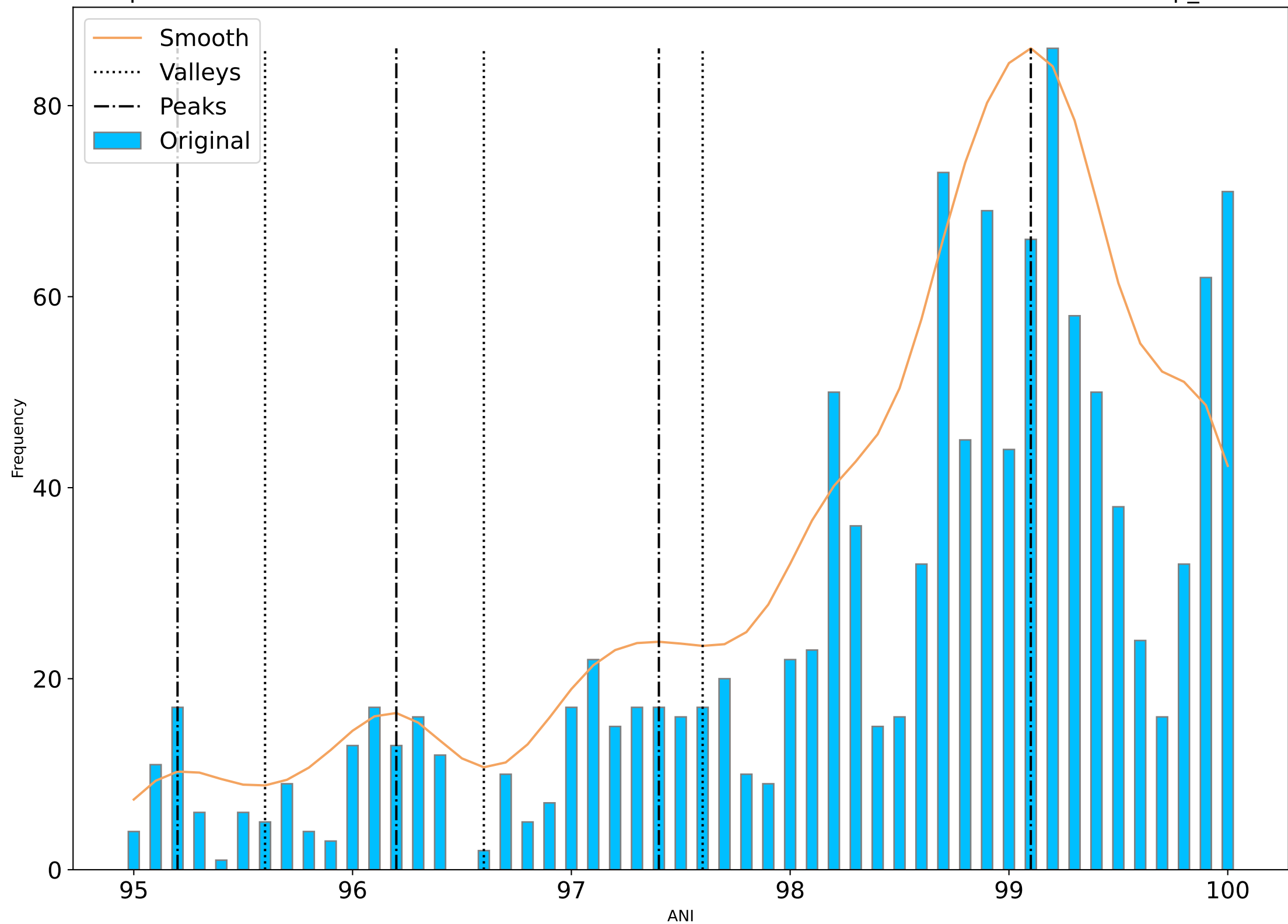
Norm_test 4.36407280764648e-05

Dip_test 0.0



Species_1040
Group 4

Norm_test 9.467864693074958e-36
Dip_test 0.0

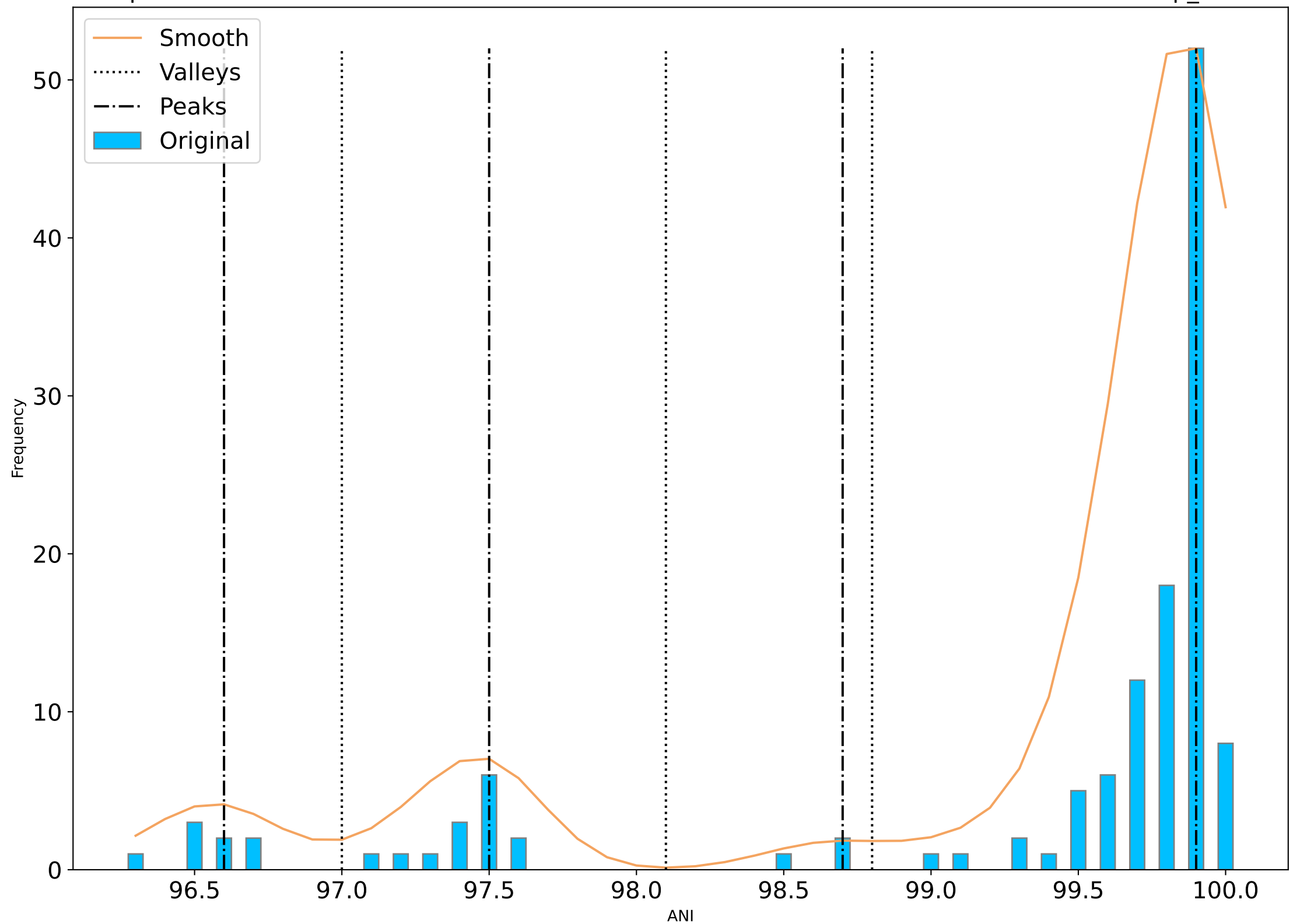


Species_1042

Group 1

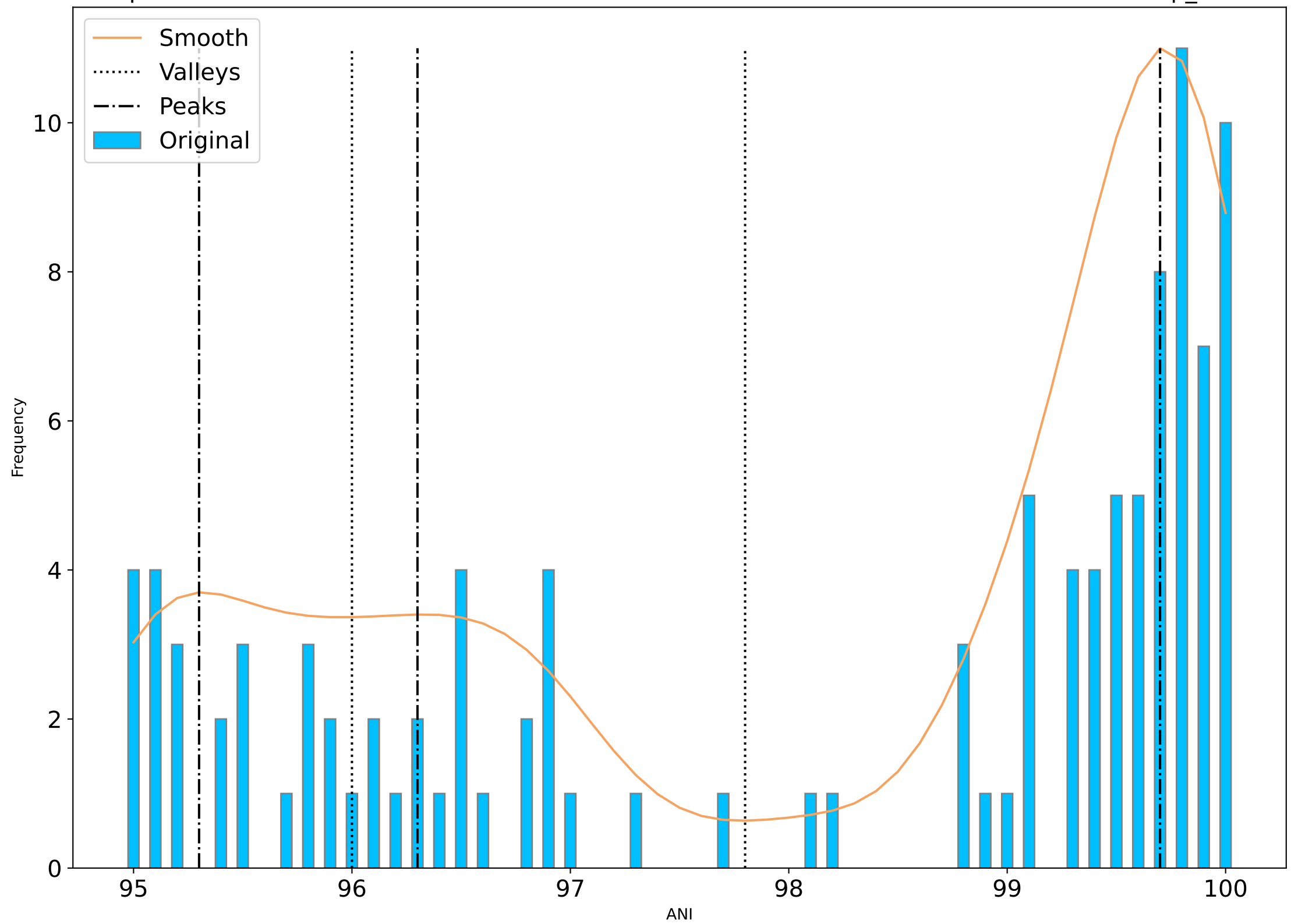
Norm_test 1.7883919240262716e-10

Dip_test 0.0



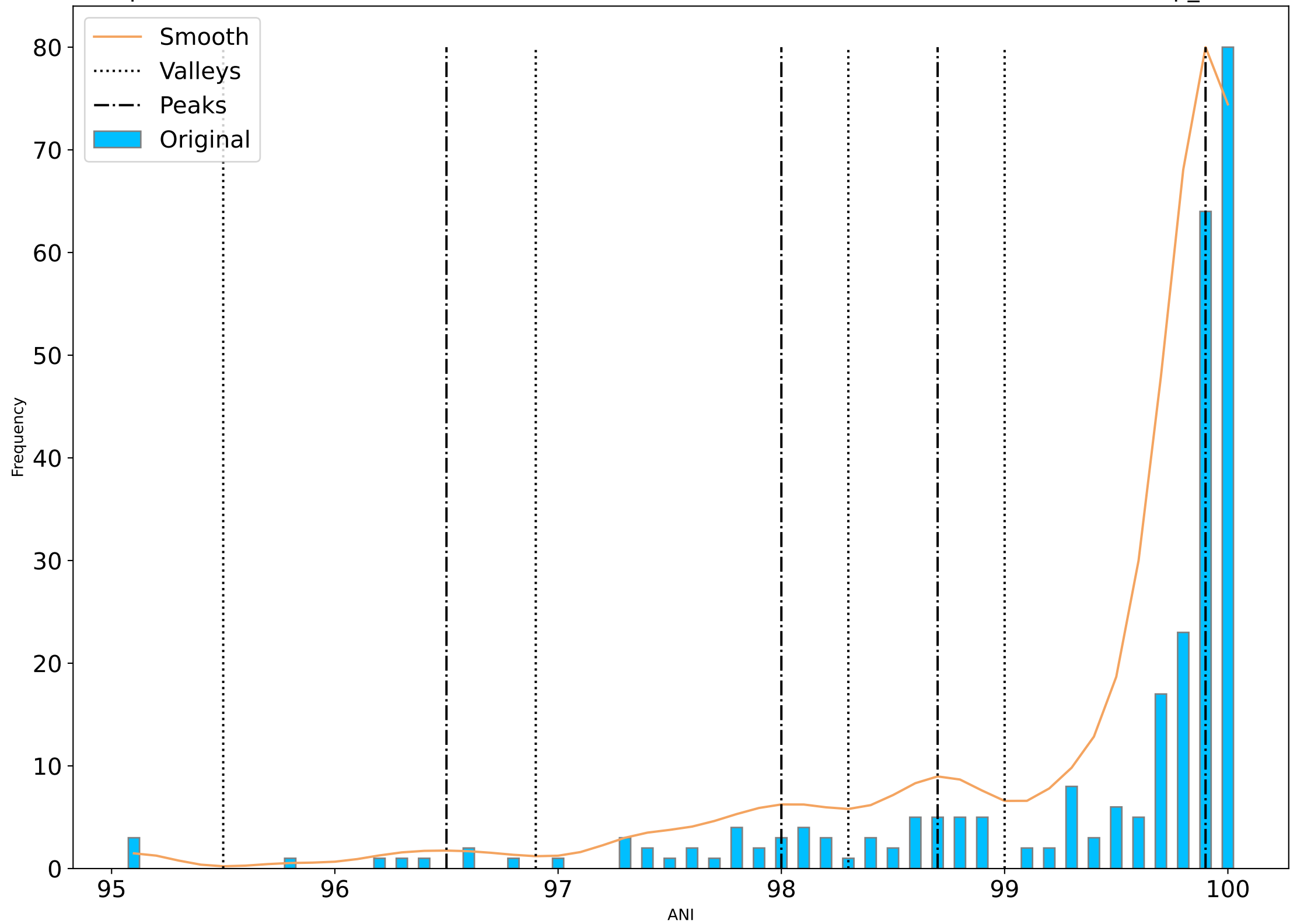
Species_1046
Group 3

Norm_test 1.2317892889591356e-35
Dip_test 0.0



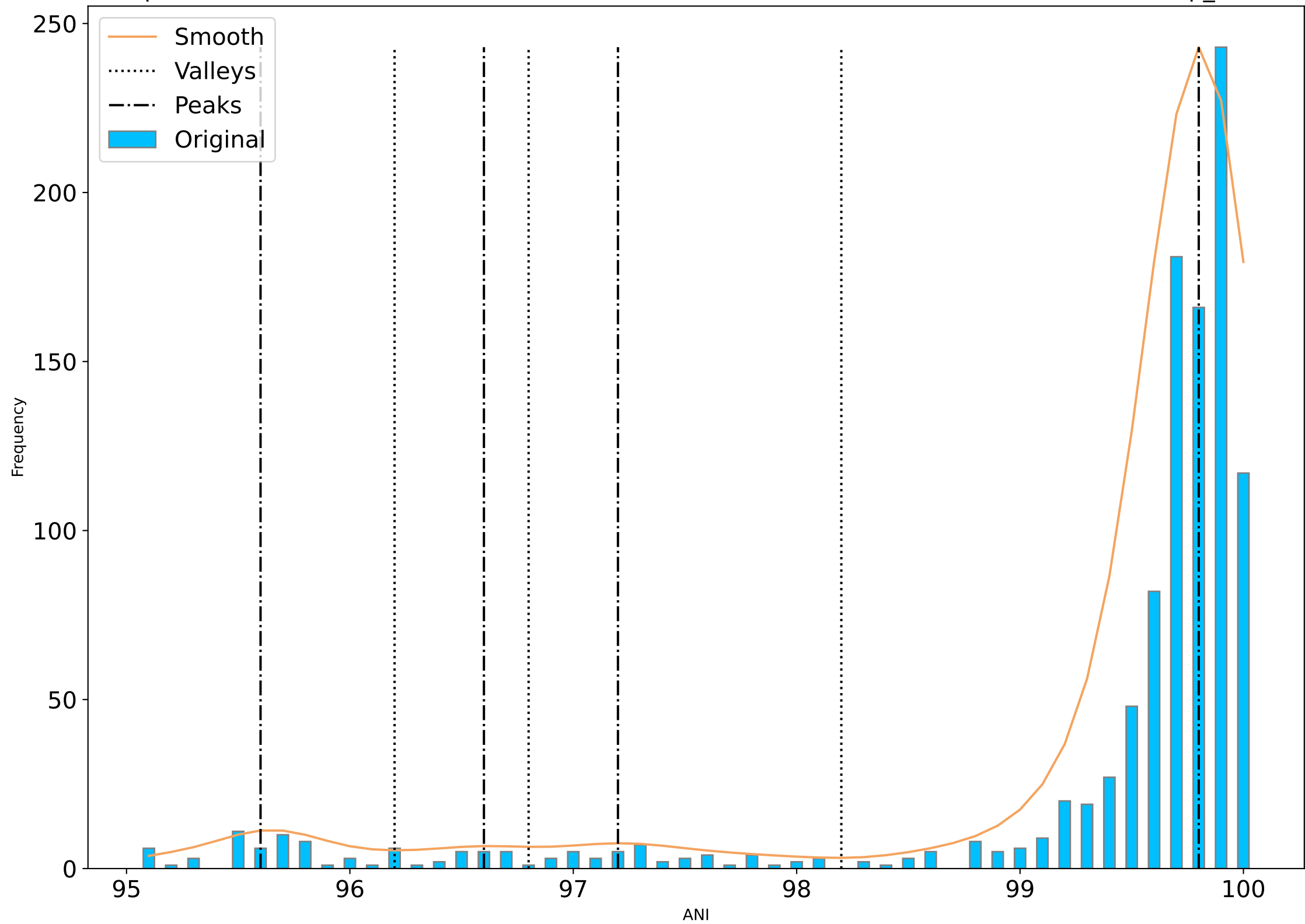
Species_1047
Group 1

Norm_test 9.18966766552022e-30
Dip_test 0.0



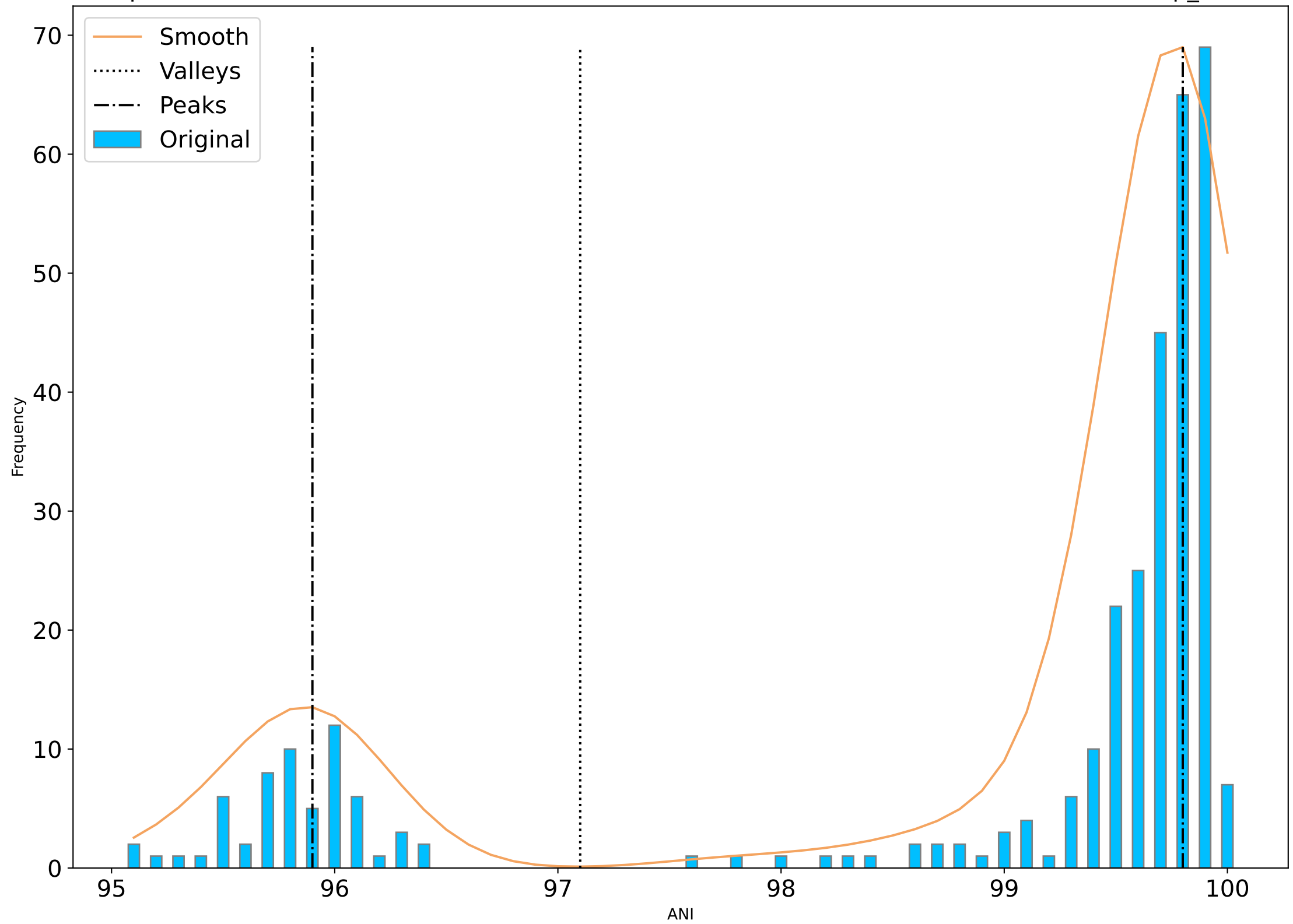
Species_1048
Group 3

Norm_test 1.8241436331378062e-119
Dip_test 0.0



Species_1050
Group 3

Norm_test 4.9480129742051875e-18
Dip_test 0.0

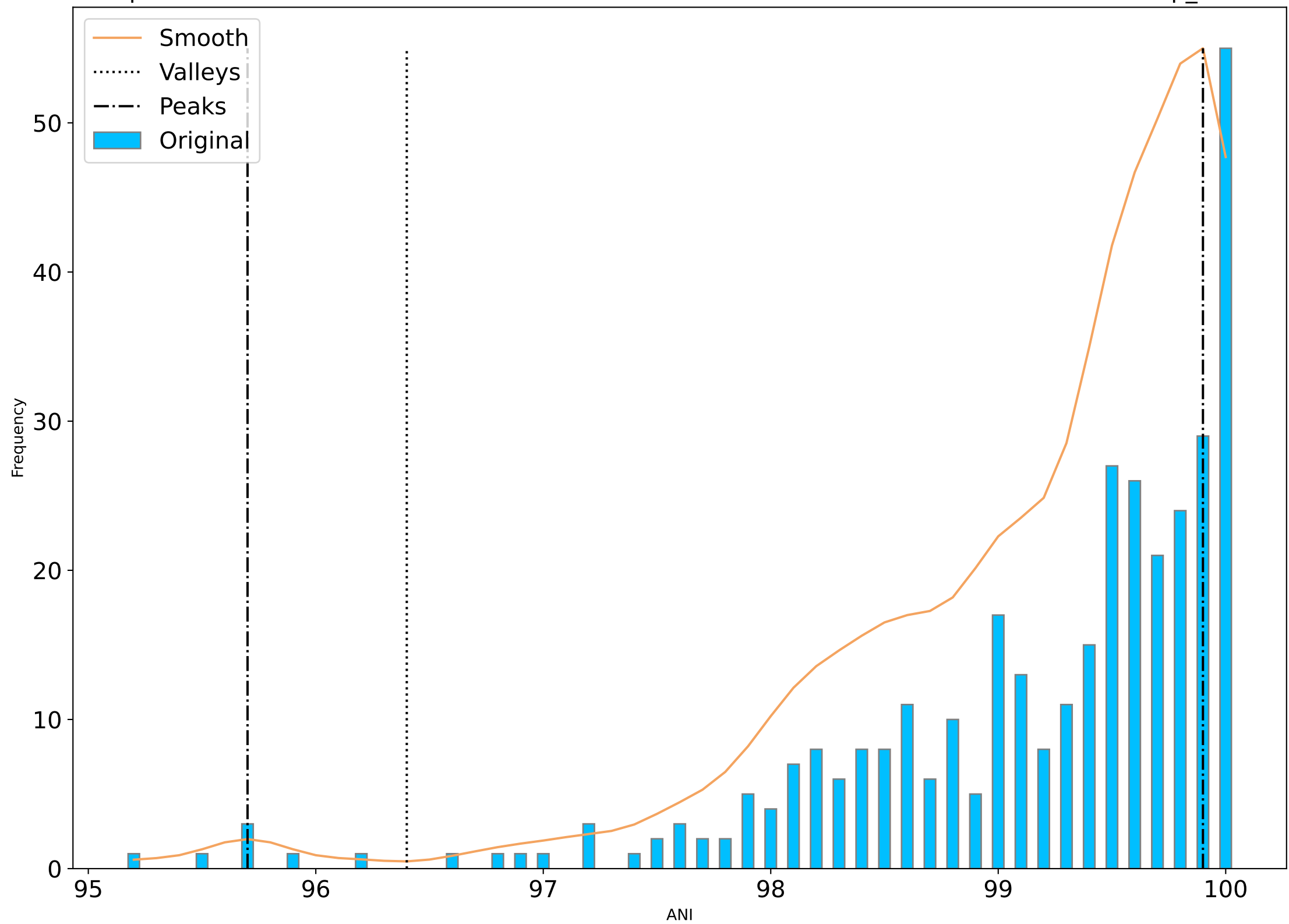


Species_1051

Group 3

Norm_test 2.2169951551380902e-28

Dip_test 0.0

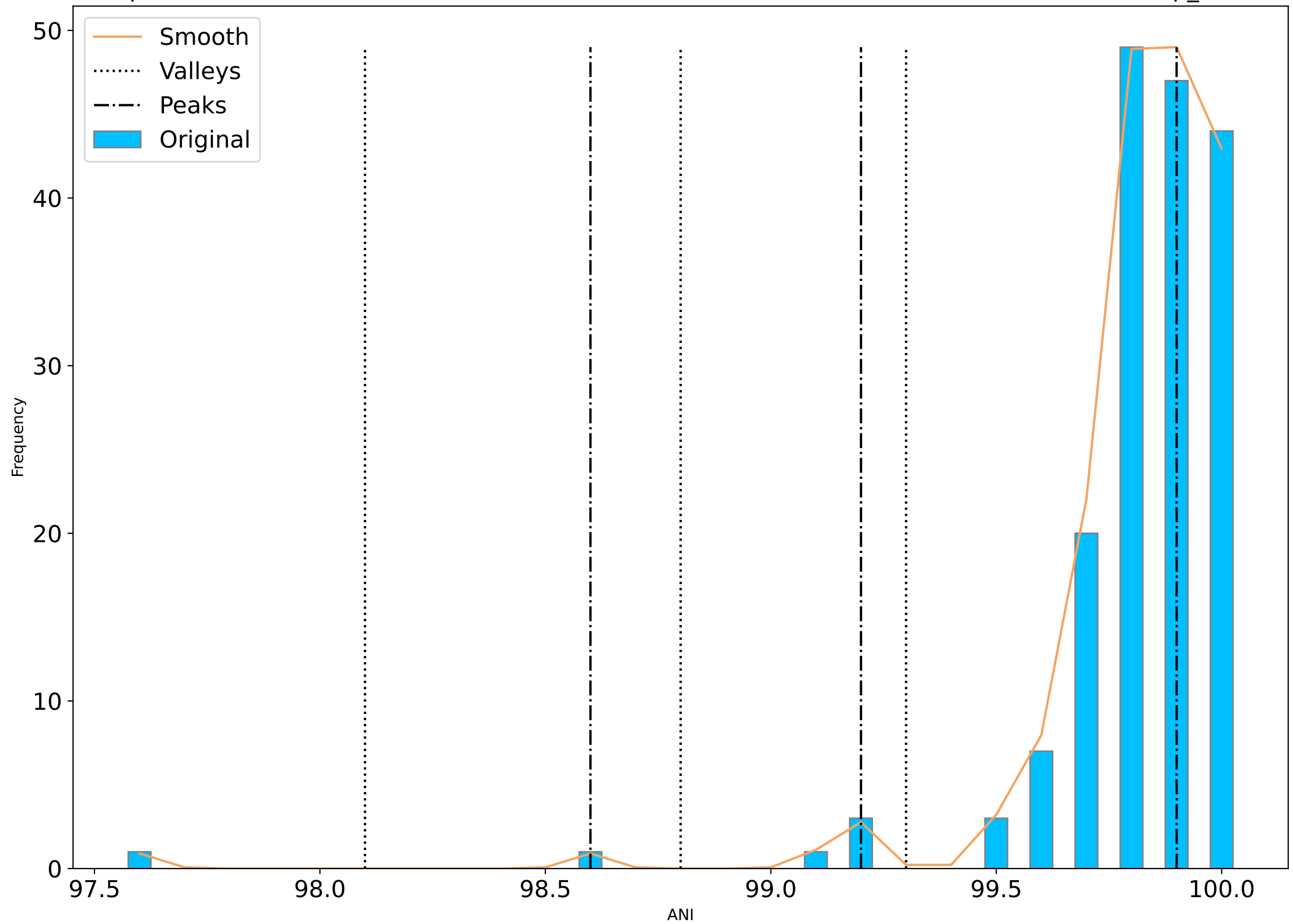


Species_1058

Group 2

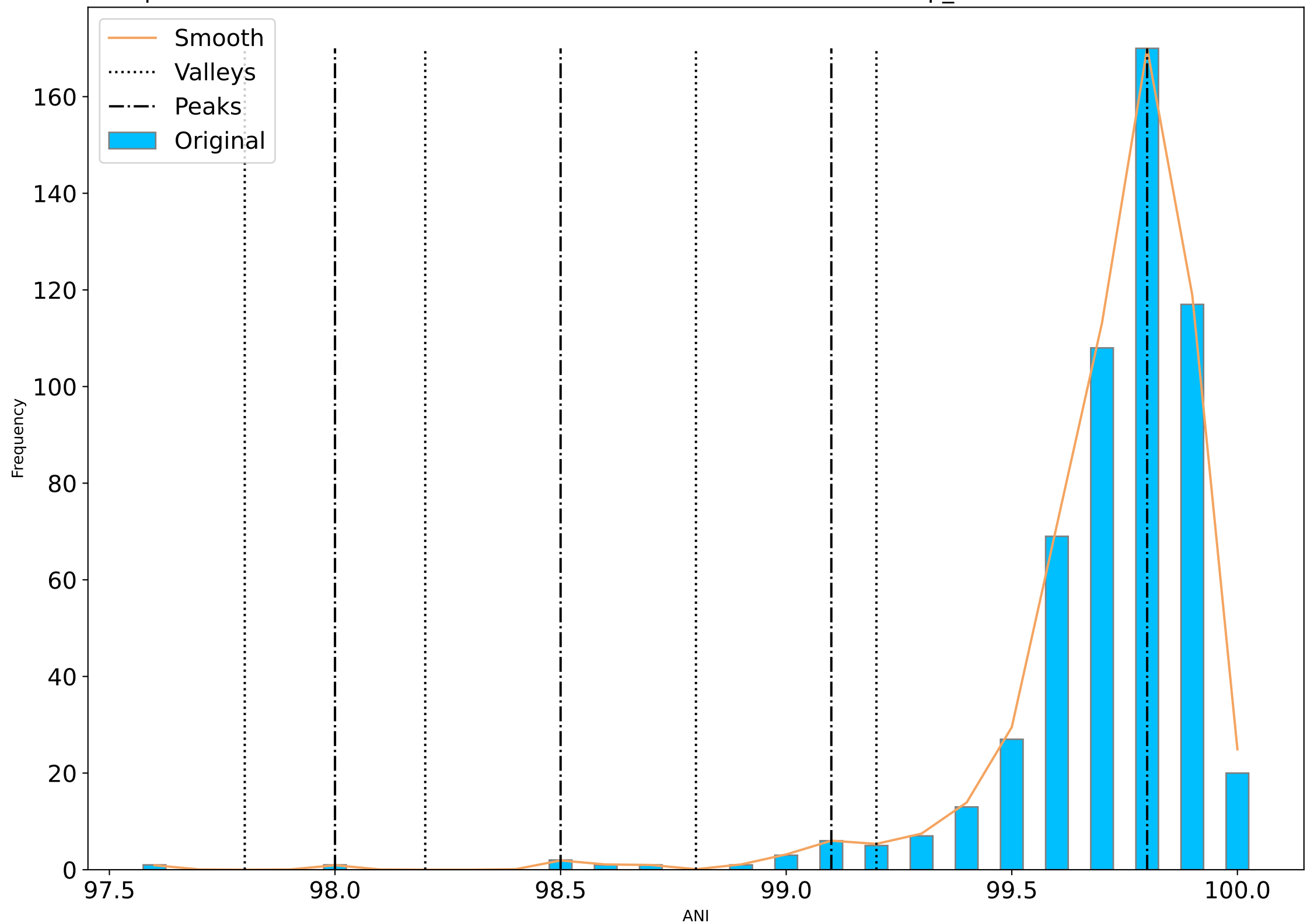
Norm_test 1.6490587823973172e-50

Dip_test 0.0



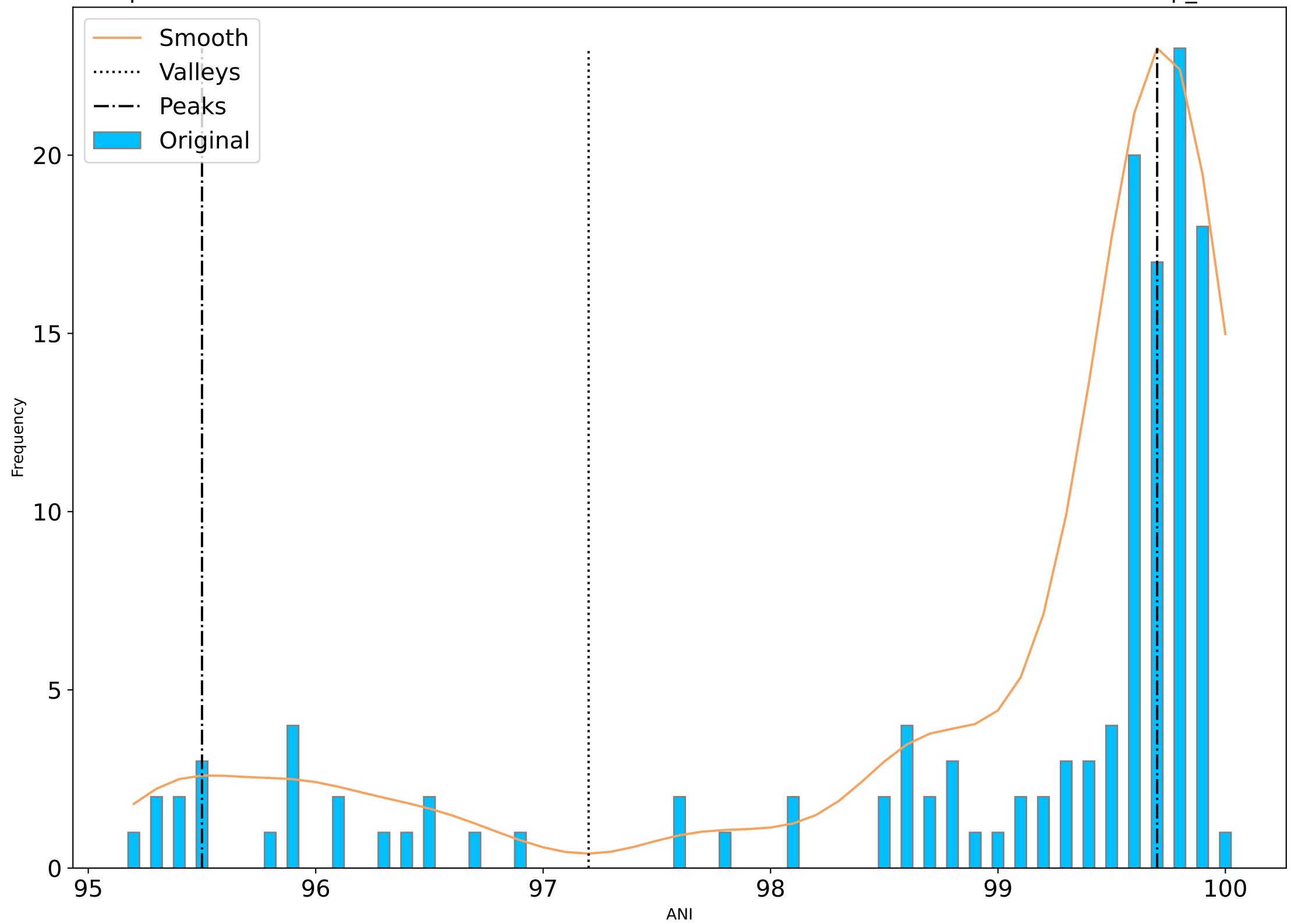
Species_1063
Group 2

Norm_test 2.6487294163363457e-101
Dip_test 2.364448007019515e-05



Species_1064
Group 3

Norm_test 5.4129048007895866e-09
Dip_test 0.0

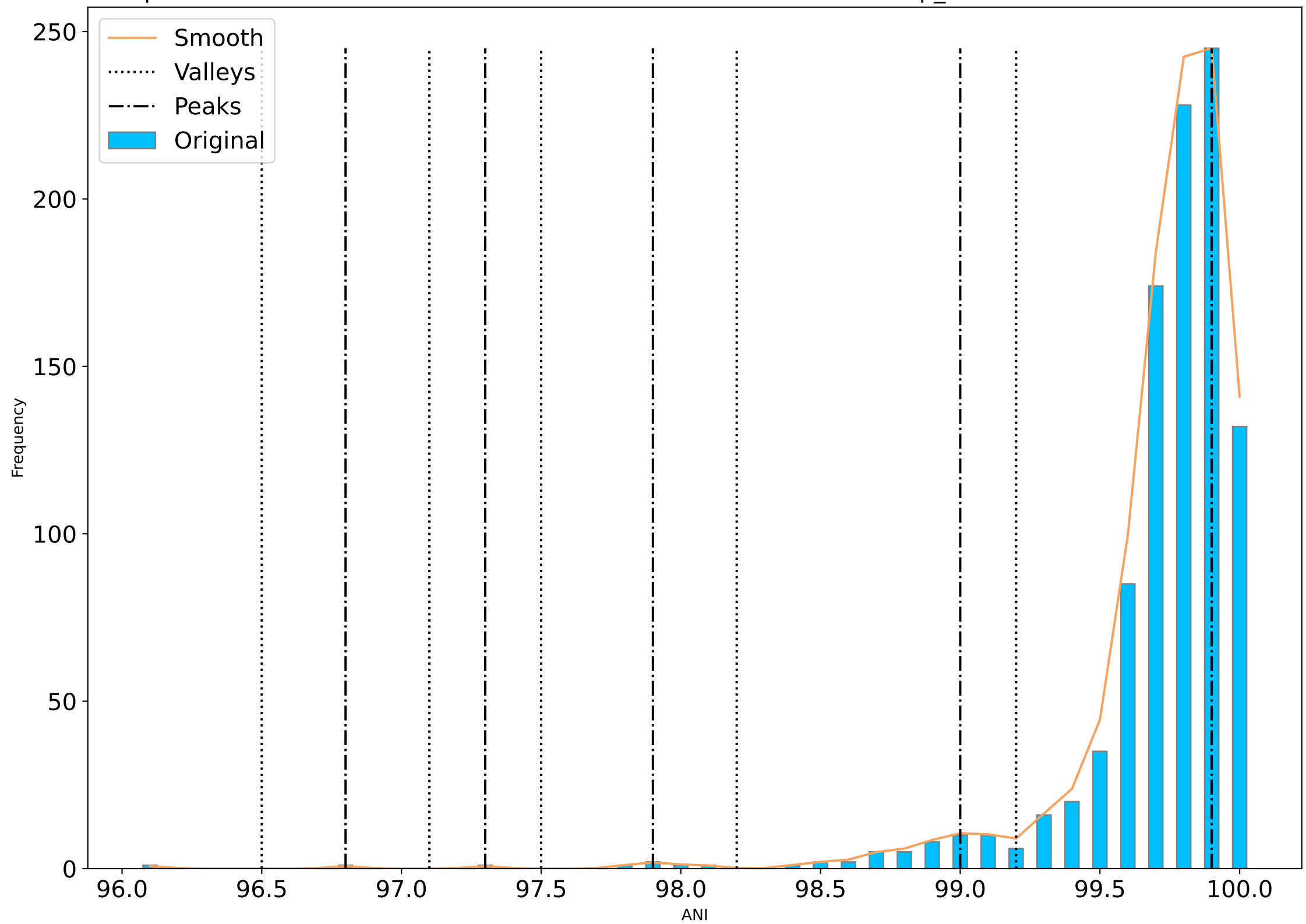


Species_1065

Group 2

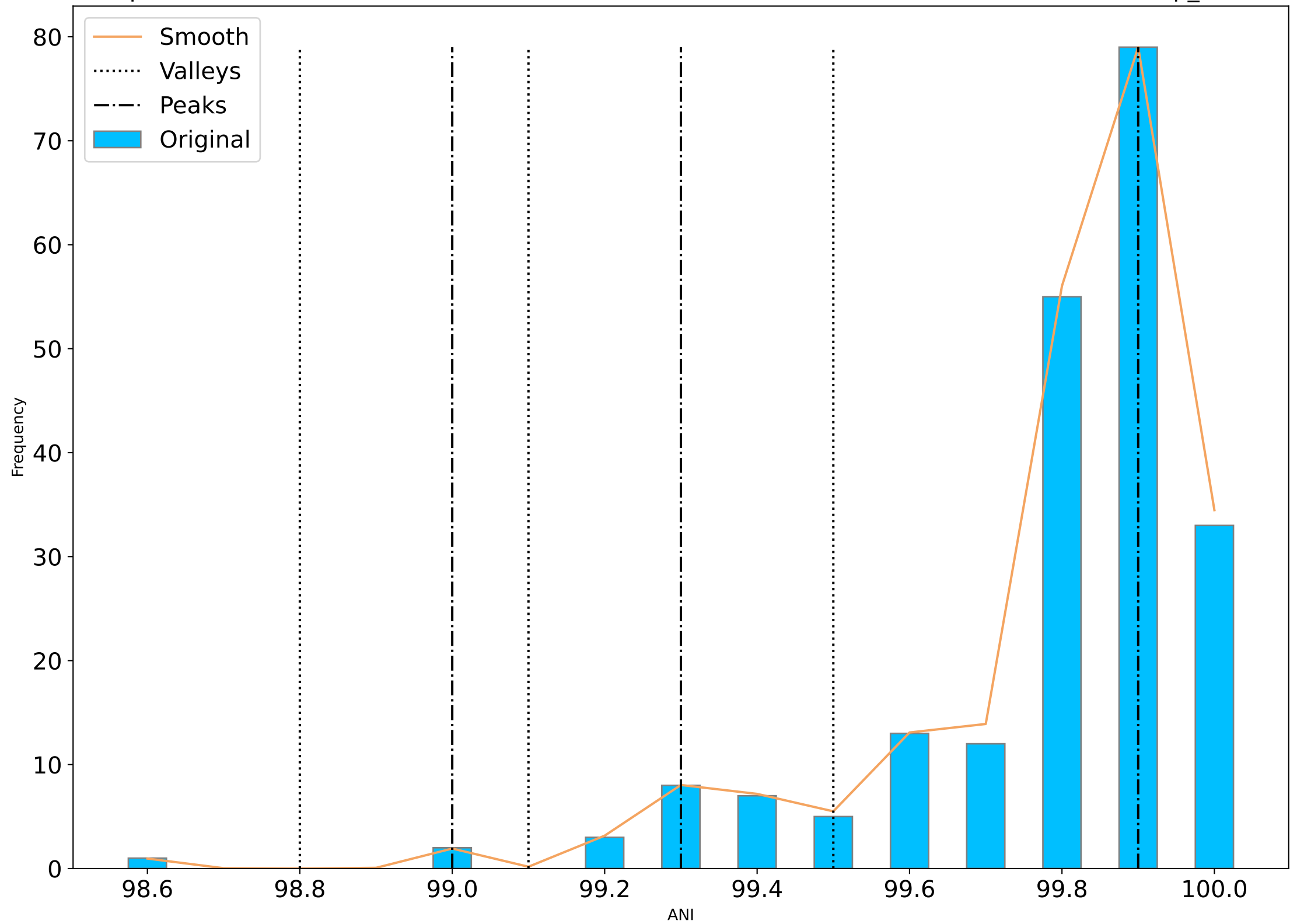
Norm_test 7.002560583430829e-207

Dip_test 0.0005017489873951897



Species_1066
Group 2

Norm_test 6.9567507785043e-26
Dip_test 0.0

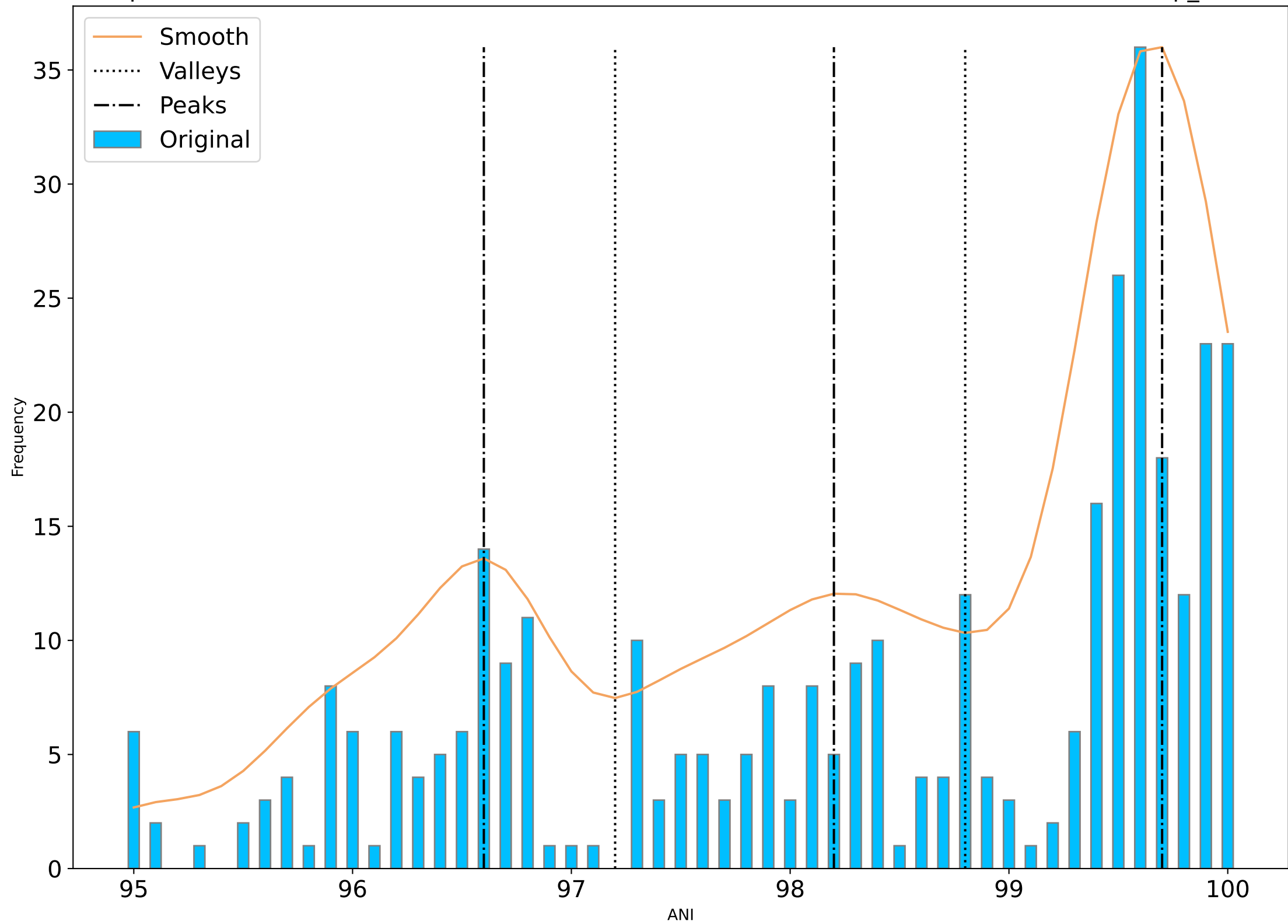


Species_1067

Group 1

Norm_test 1.0522252971551634e-17

Dip_test 0.0

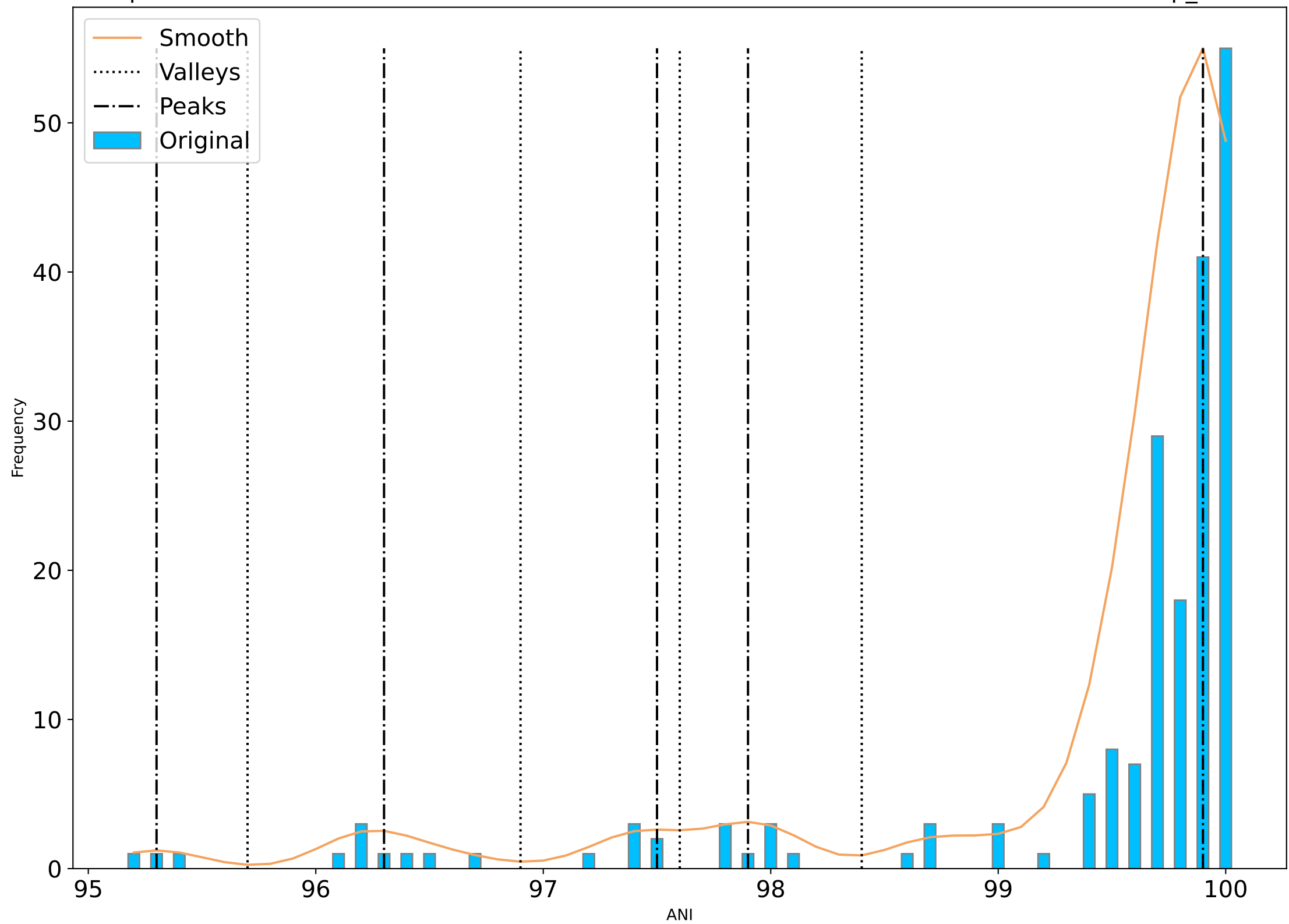


Species_1077

Group 3

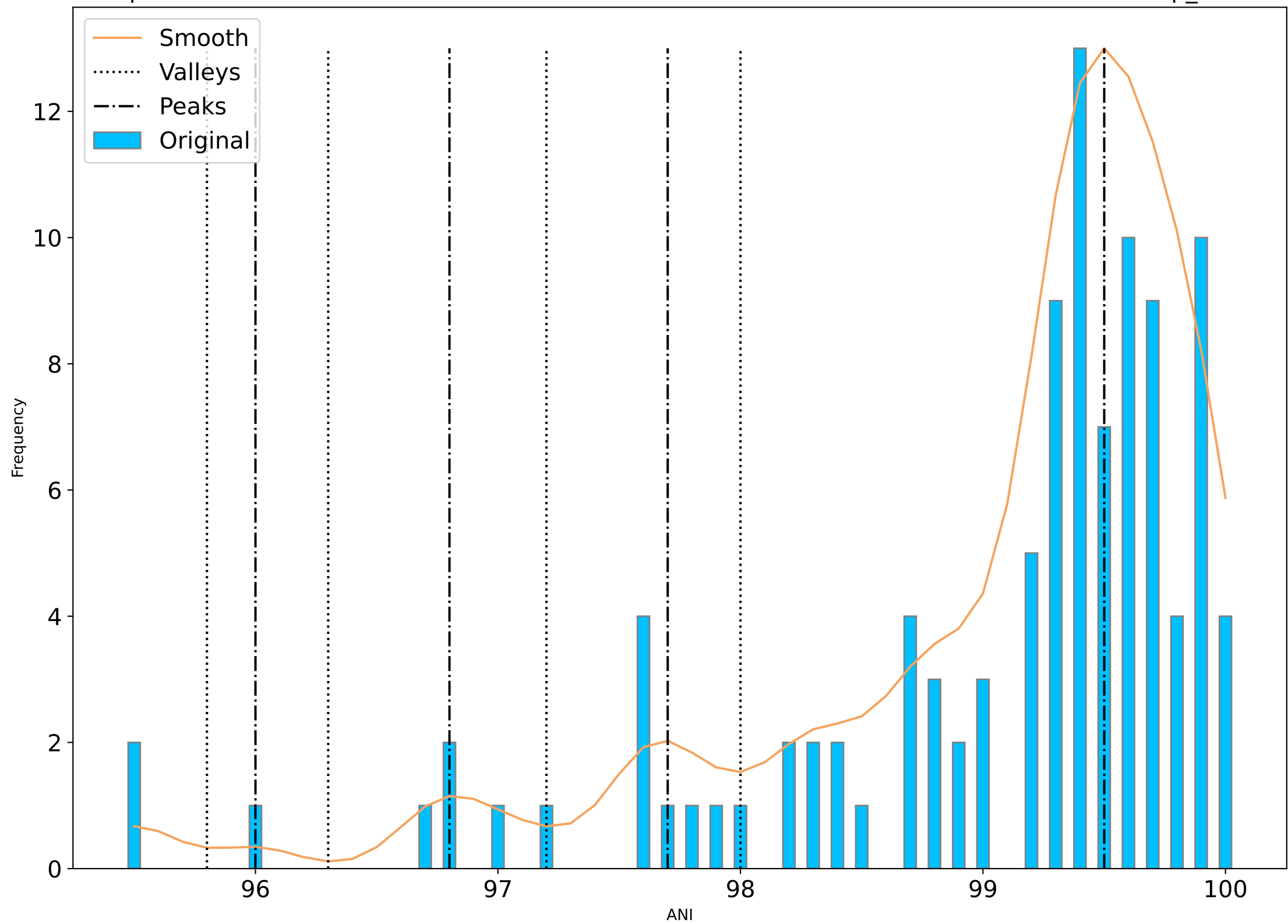
Norm_test 3.581322366411988e-25

Dip_test 0.0



Species_1085
Group 4

Norm_test 3.398047607106642e-10
Dip_test 0.0

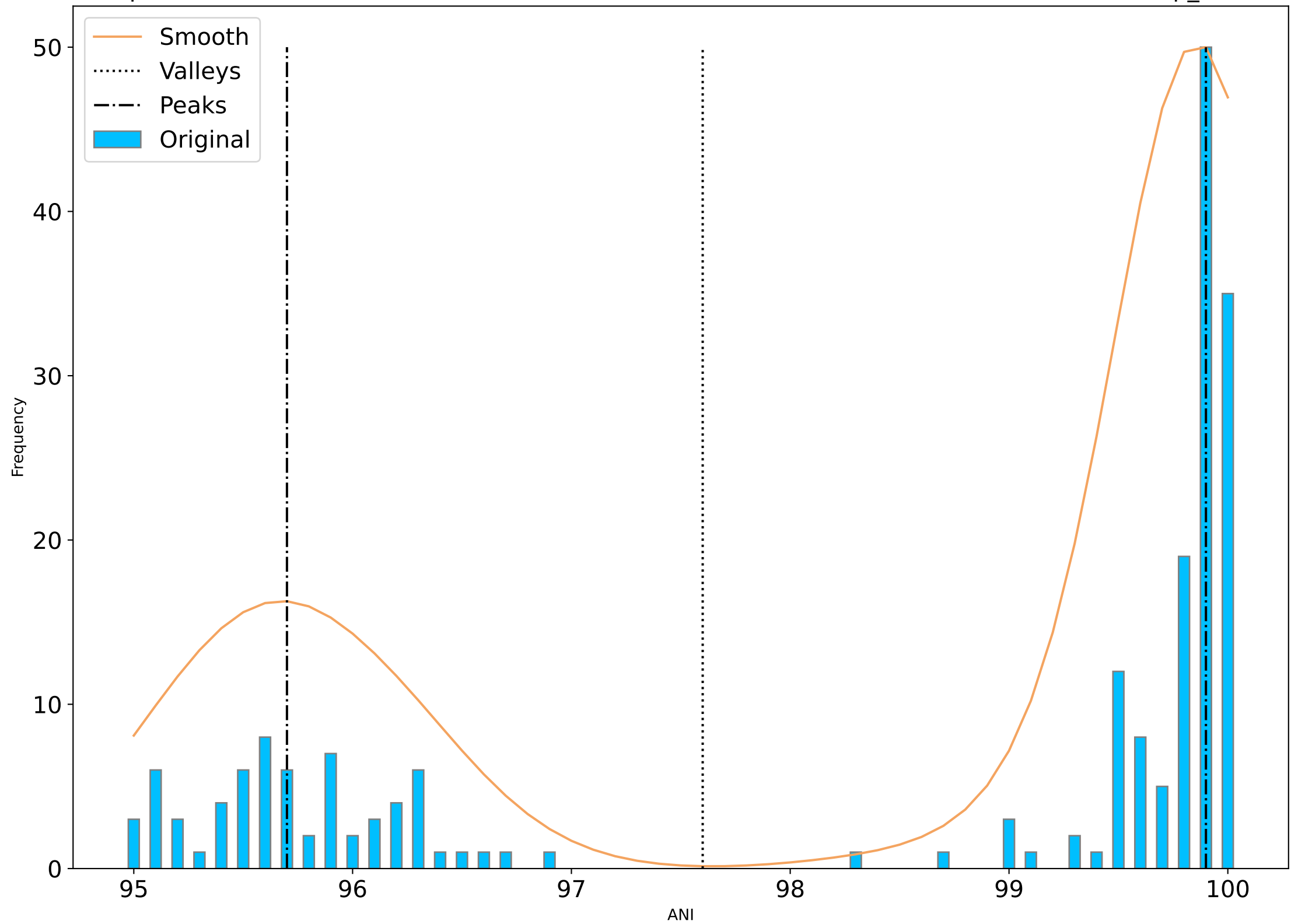


Species_1086

Group 3

Norm_test 3.1868919436213525e-41

Dip_test 0.0

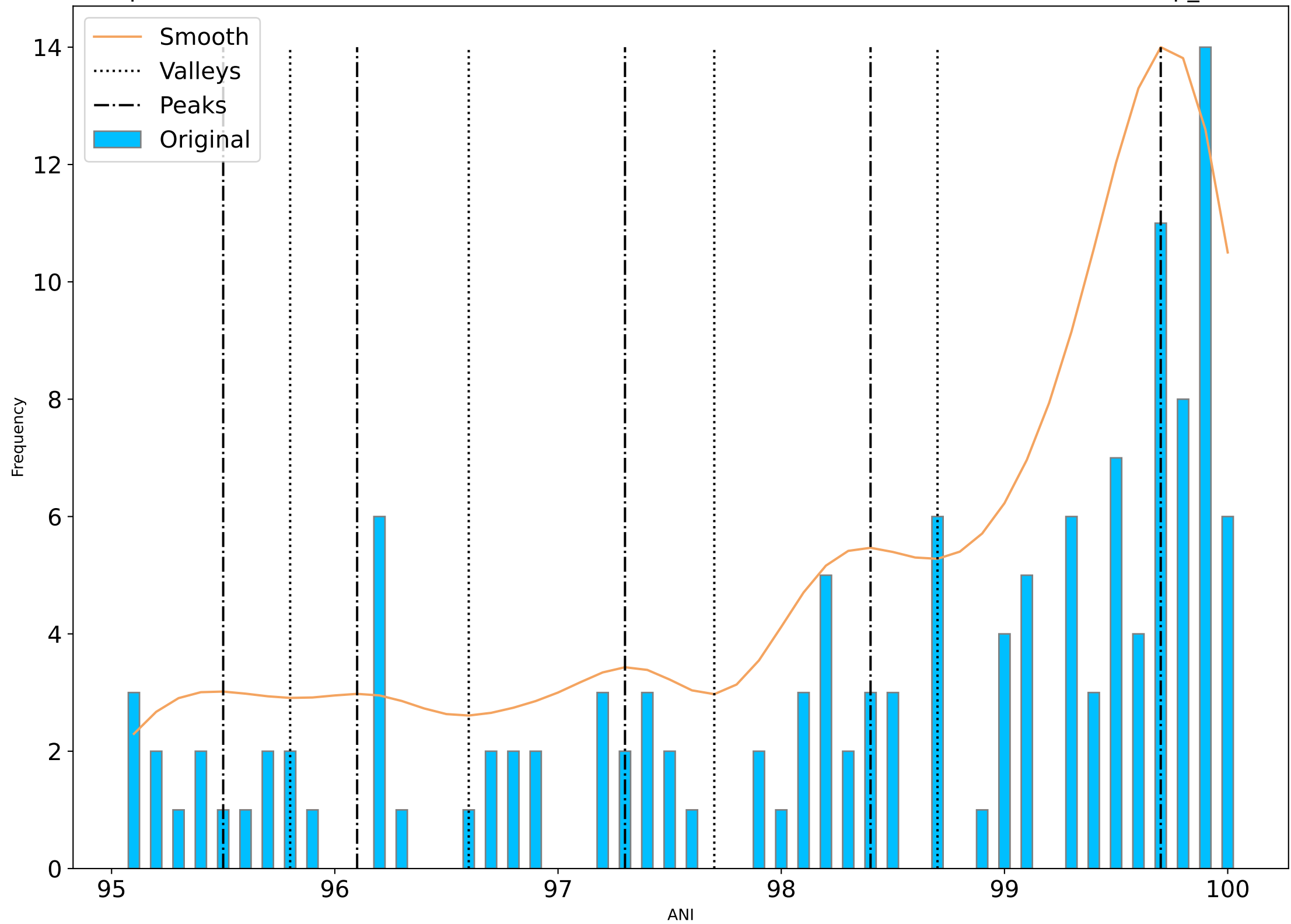


Species_1092

Group 3

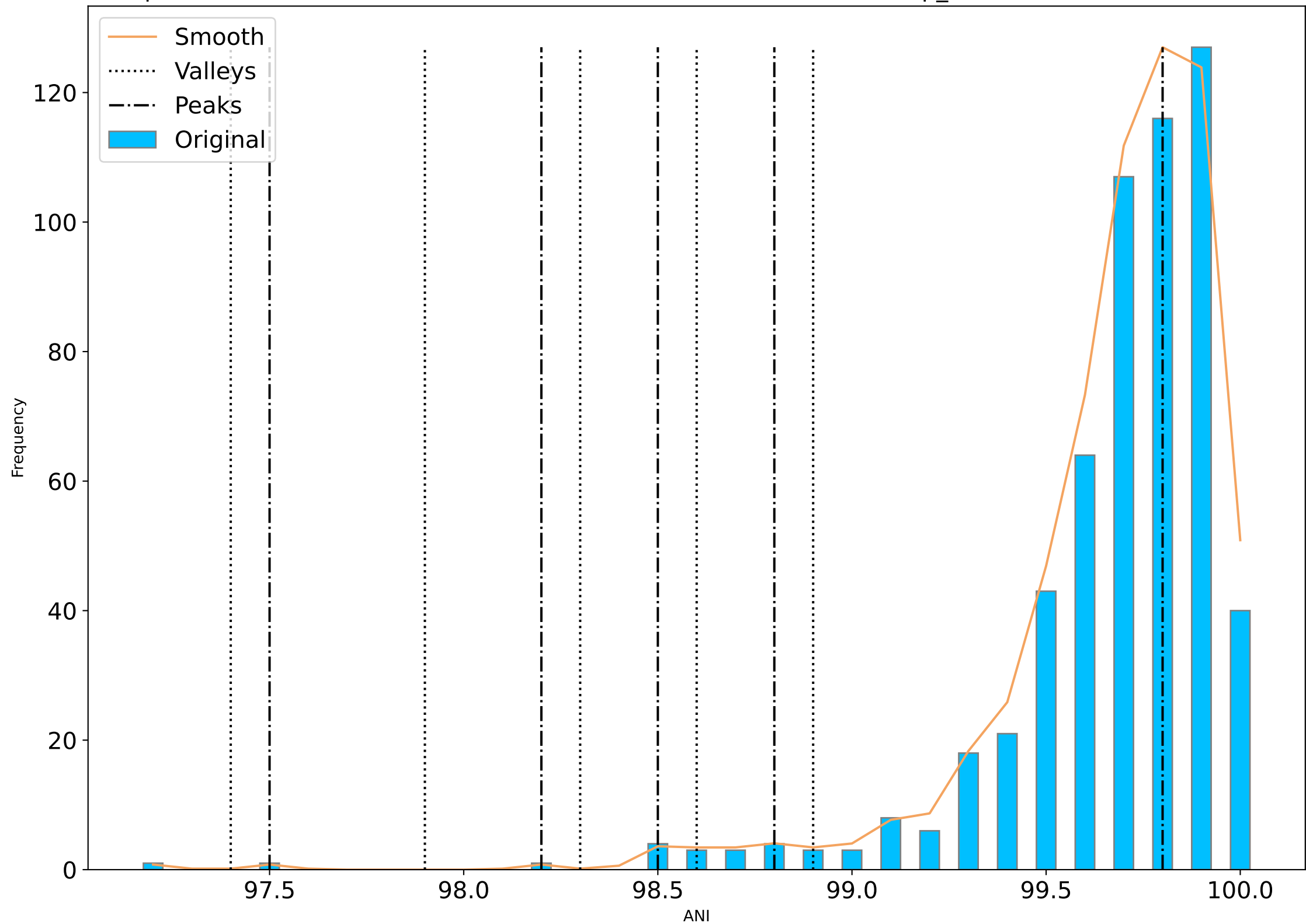
Norm_test 0.0001811836842098854

Dip_test 0.0



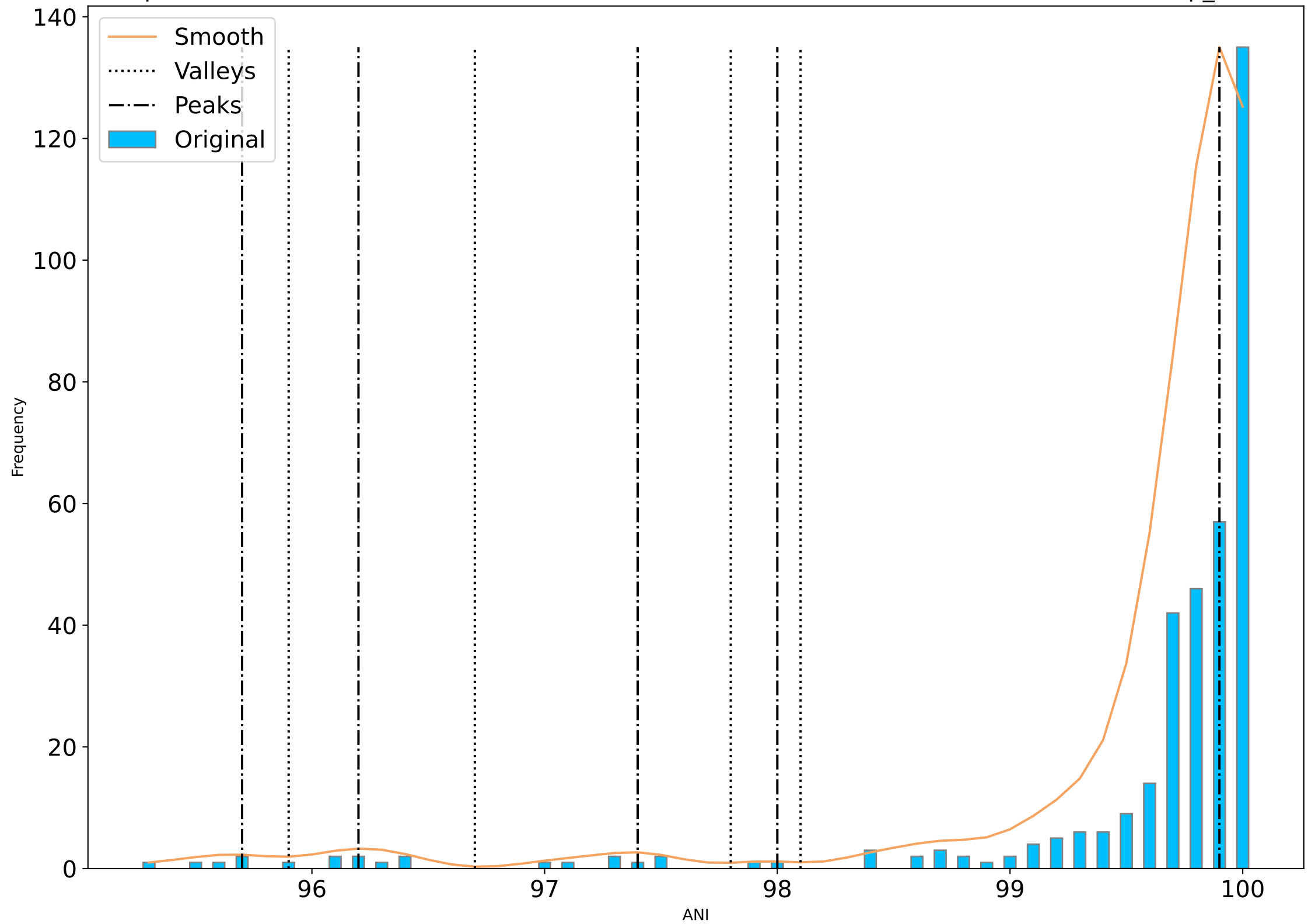
Species_1103
Group 2

Norm_test 1.3571349169157557e-89
Dip_test 0.0015264946947335378



Species_1105
Group 2

Norm_test 3.940723030021193e-60
Dip_test 0.0

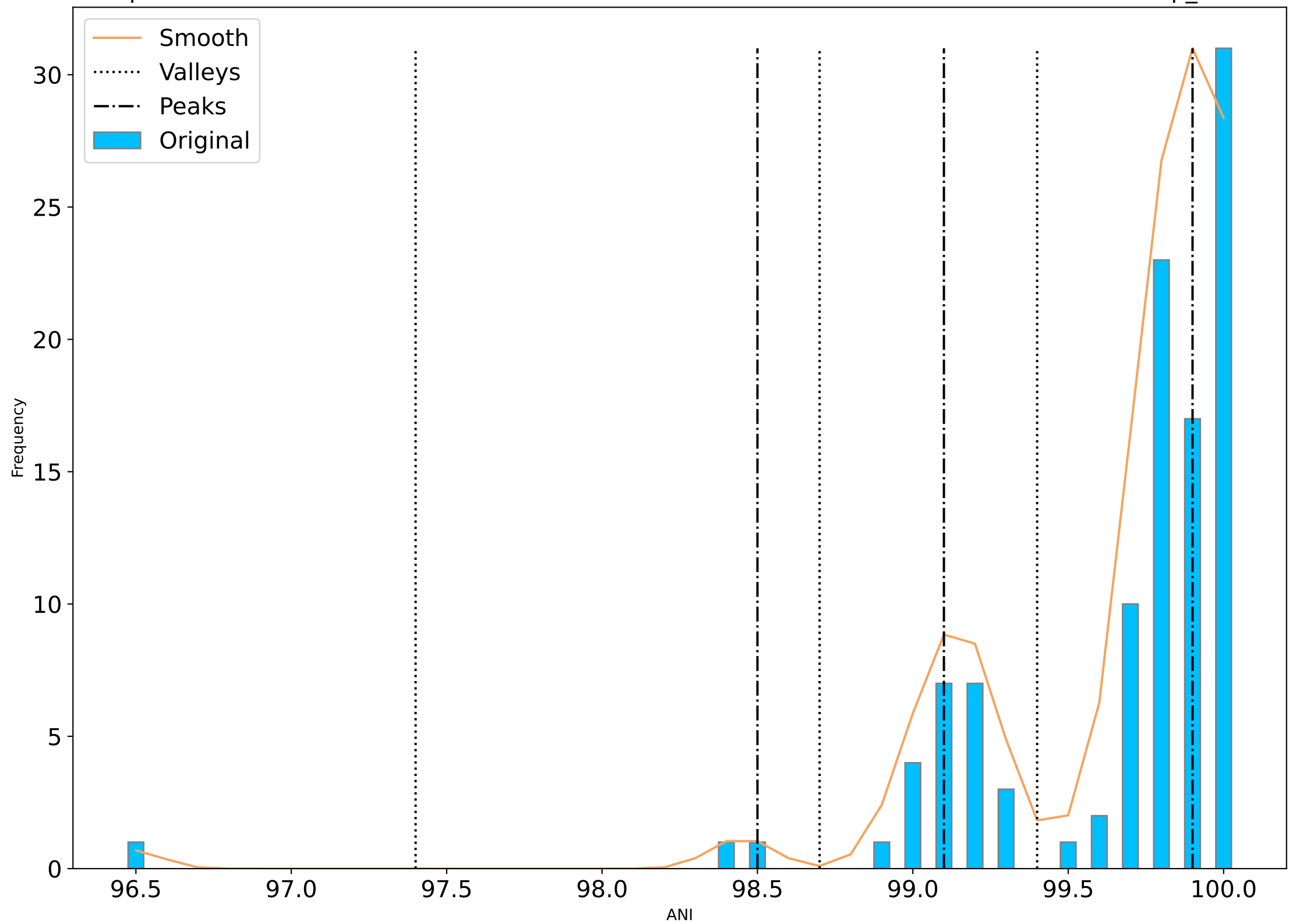


Species_1112

Group 2

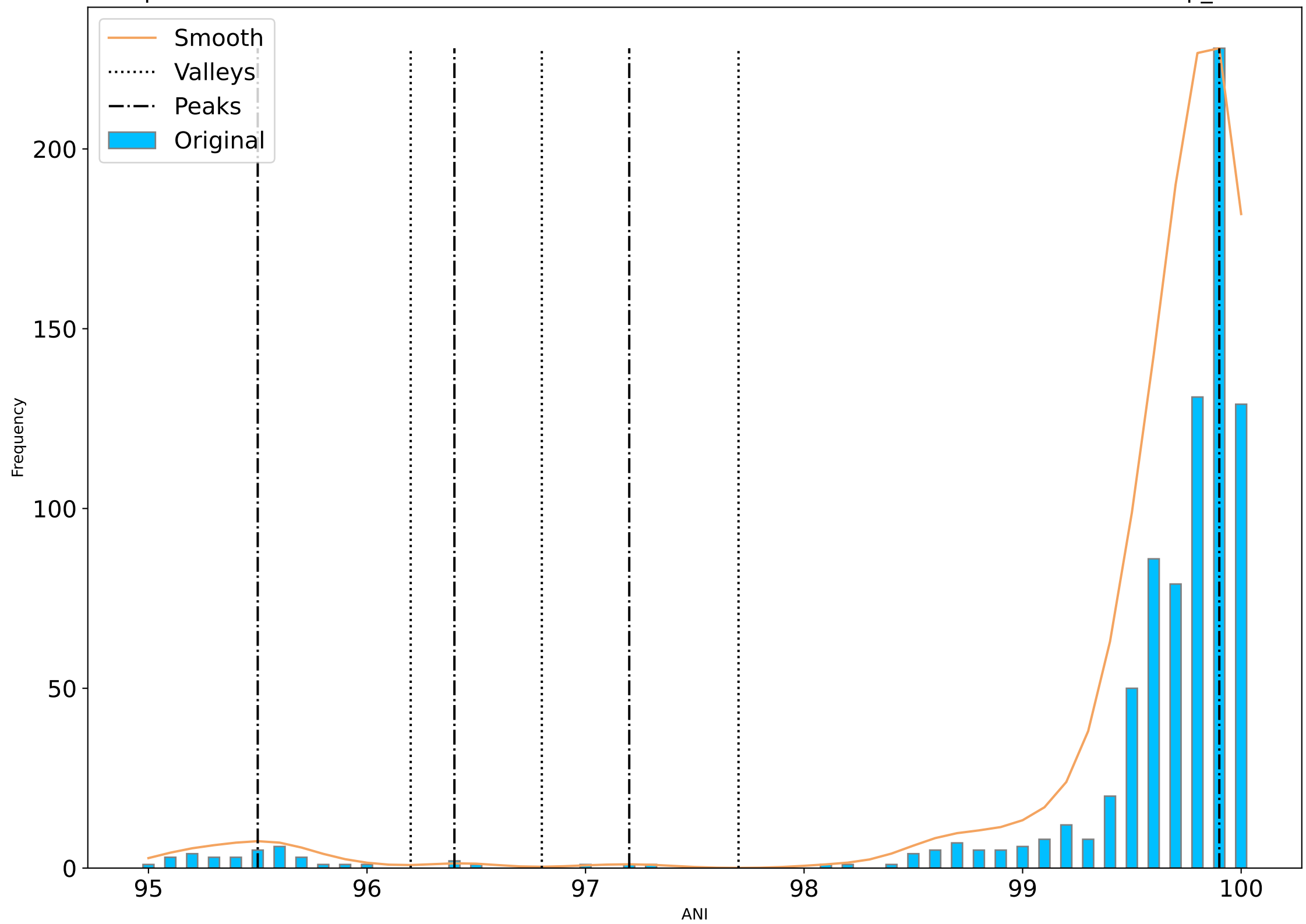
Norm_test 1.9229304662224904e-24

Dip_test 0.0



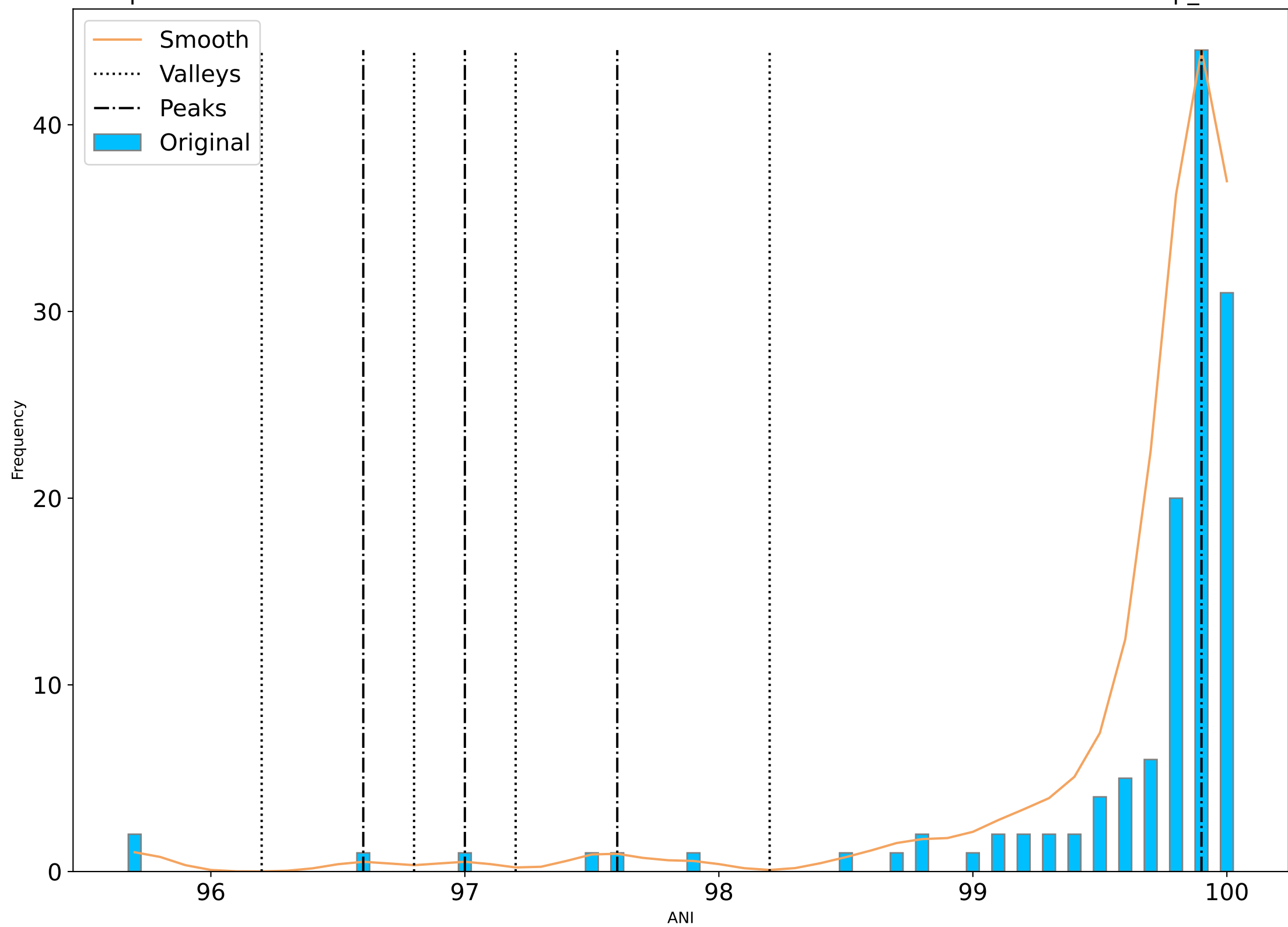
Species_1115
Group 2

Norm_test 5.0185665005321e-146
Dip_test 0.0



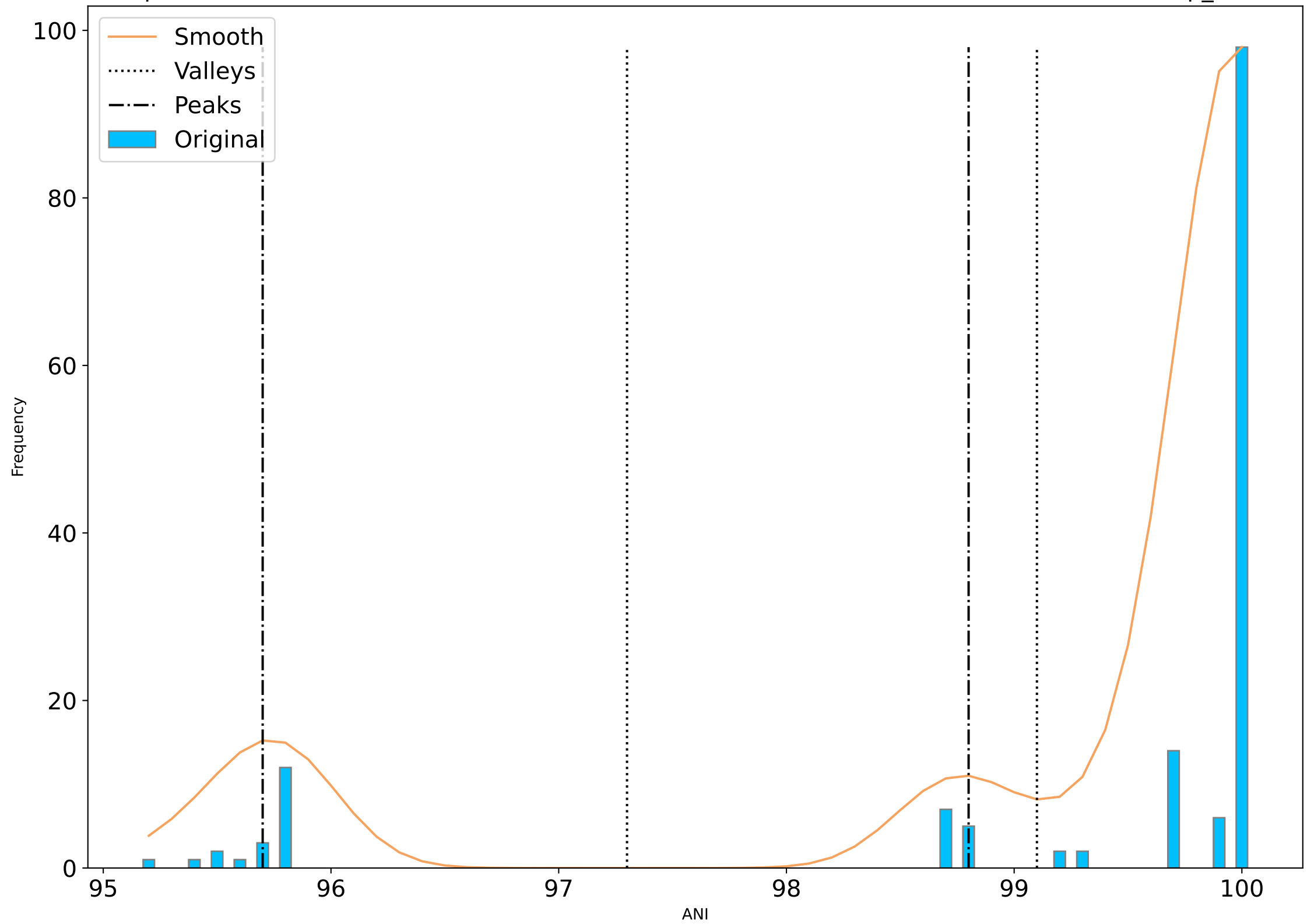
Species_1117
Group 2

Norm_test 5.00646851612565e-28
Dip_test 0.0



Species_1118
Group 1

Norm_test 1.0180431726831487e-14
Dip_test 0.0

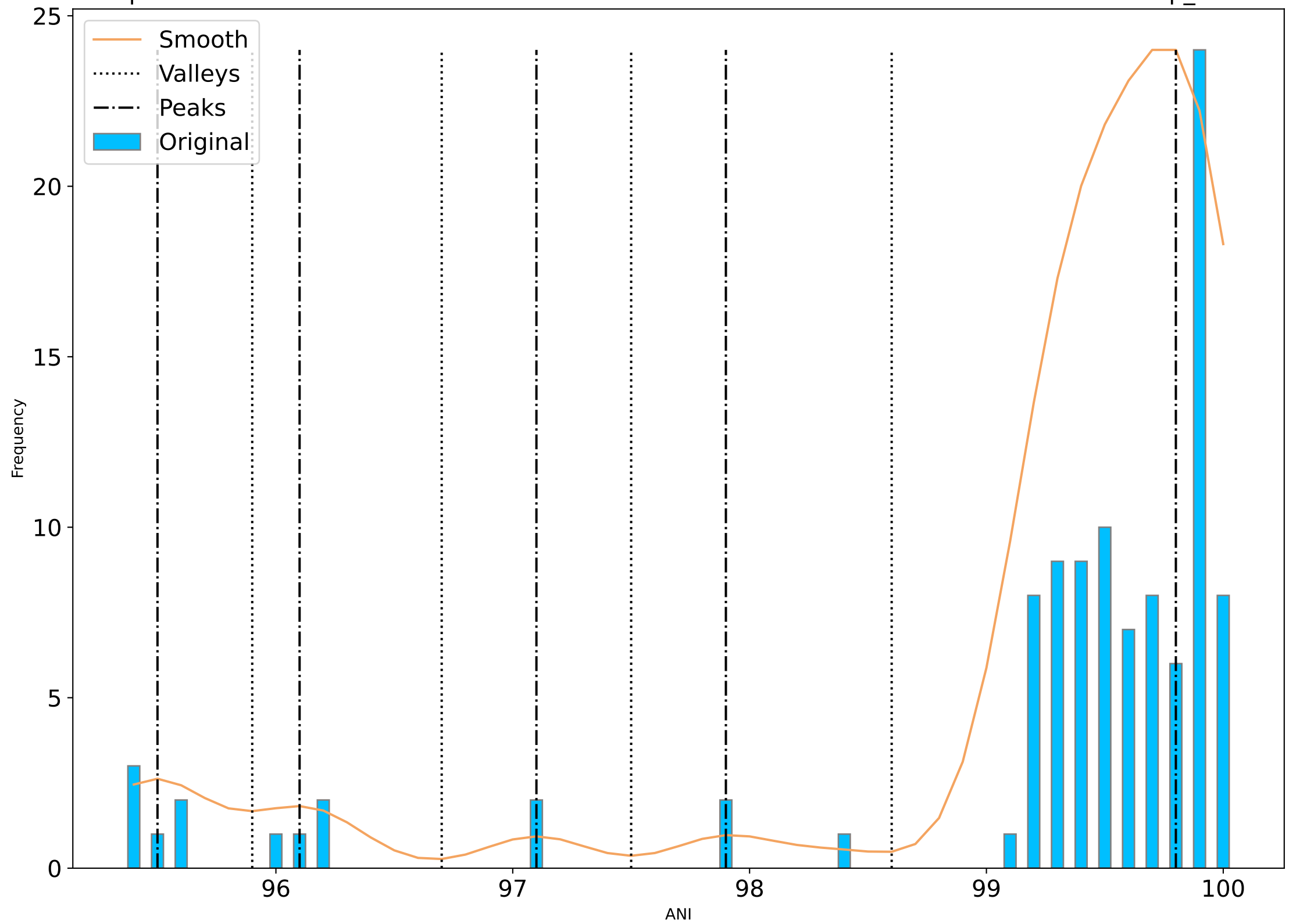


Species_1123

Group 3

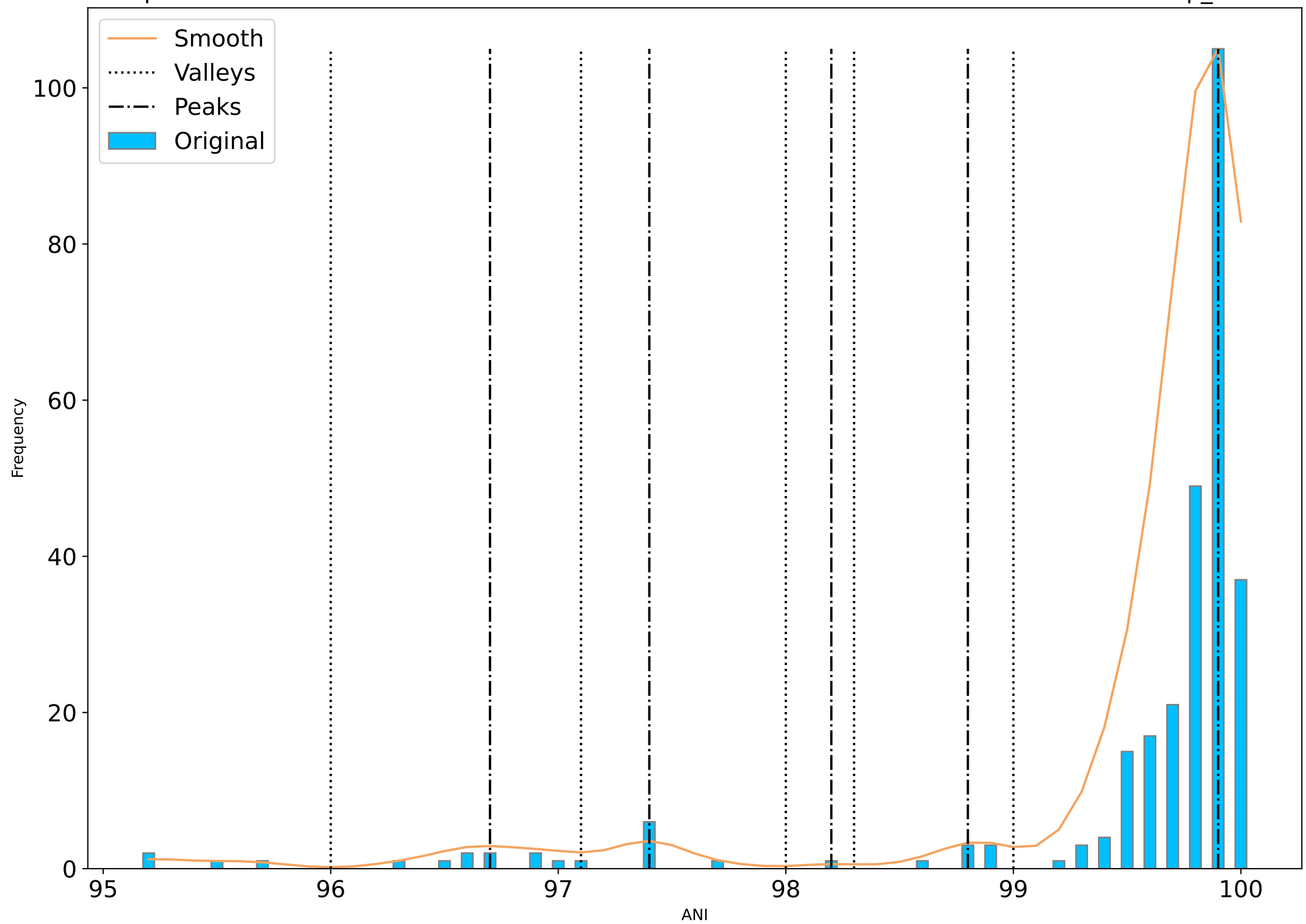
Norm_test 6.785810675591524e-13

Dip_test 0.0



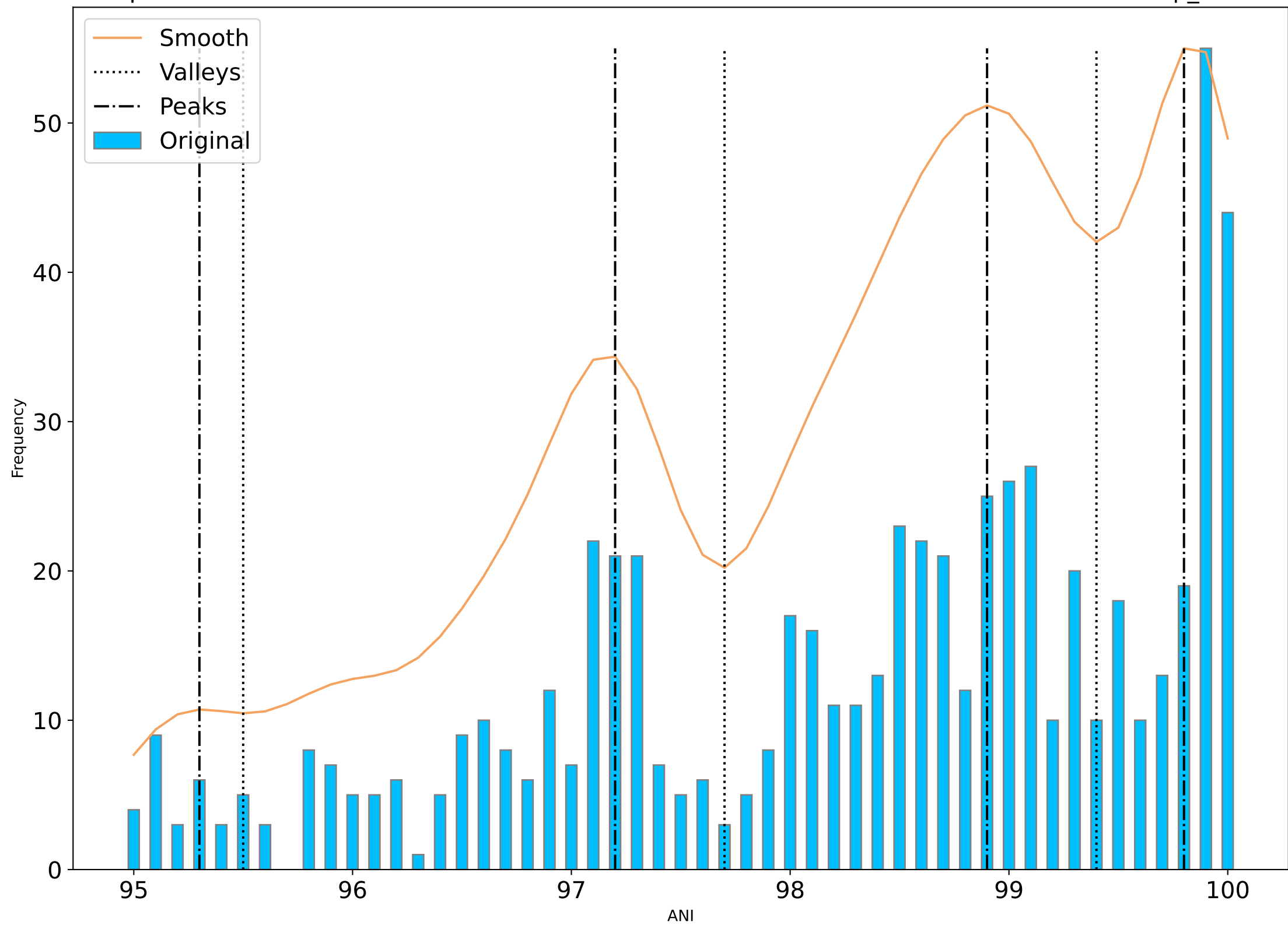
Species_1132
Group 2

Norm_test 4.363038486415644e-46
Dip_test 0.0



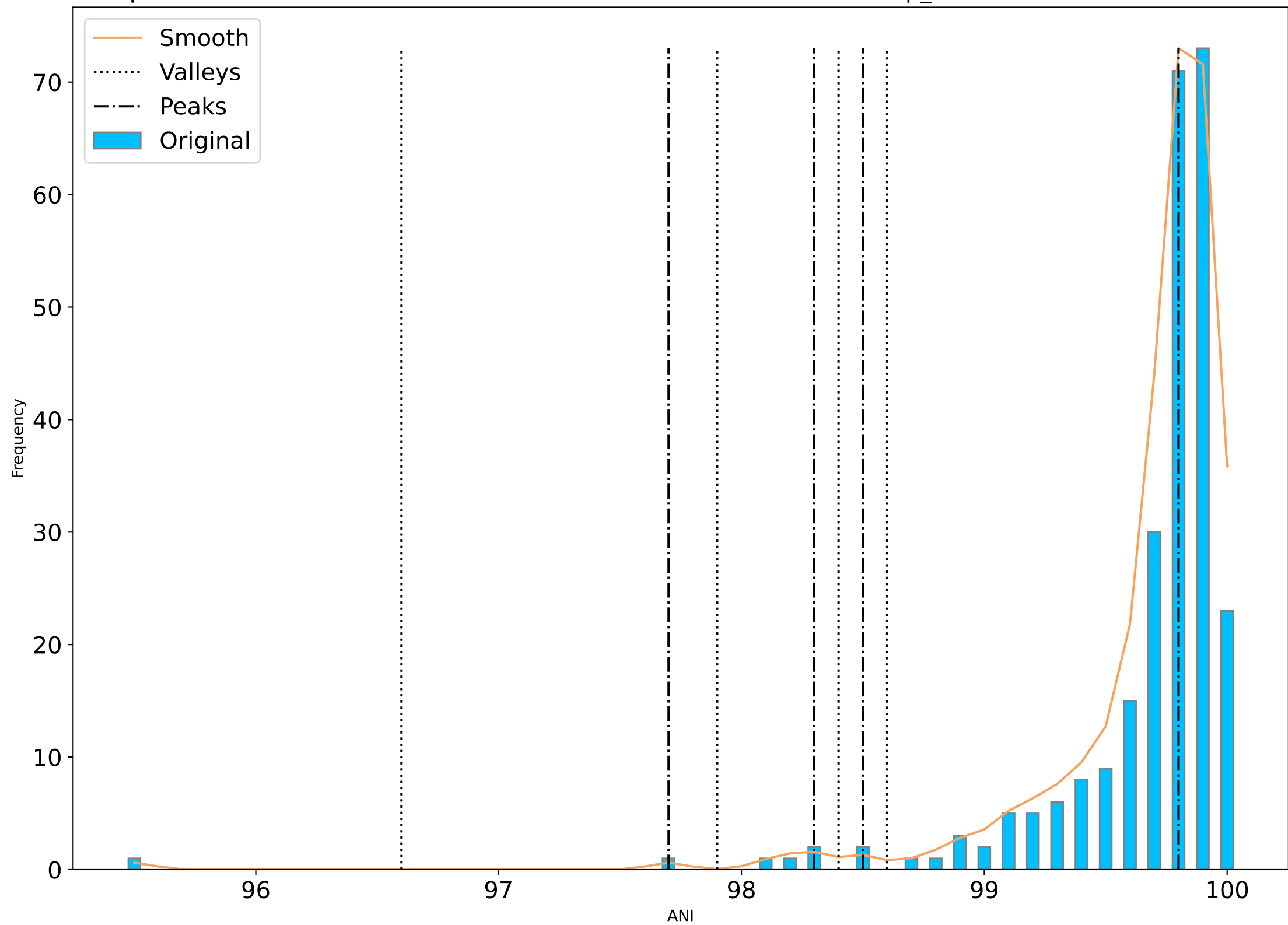
Species_1139
Group 1

Norm_test 2.110650237266596e-12
Dip_test 0.0



Species_1154
Group 2

Norm_test 2.0650499160717933e-65
Dip_test 0.0002935225778499806

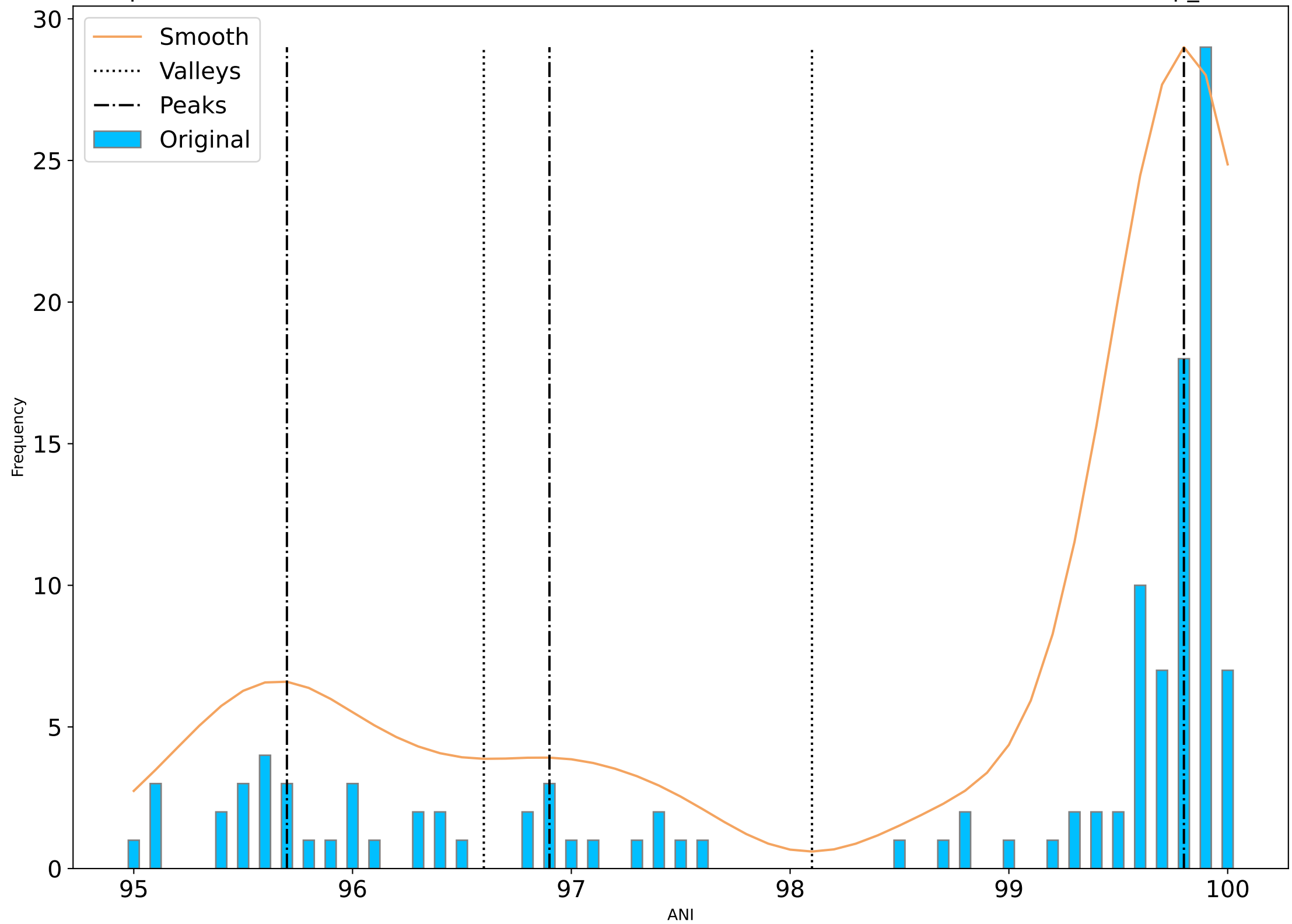


Species_1155

Group 3

Norm_test 7.119984016774261e-07

Dip_test 0.0

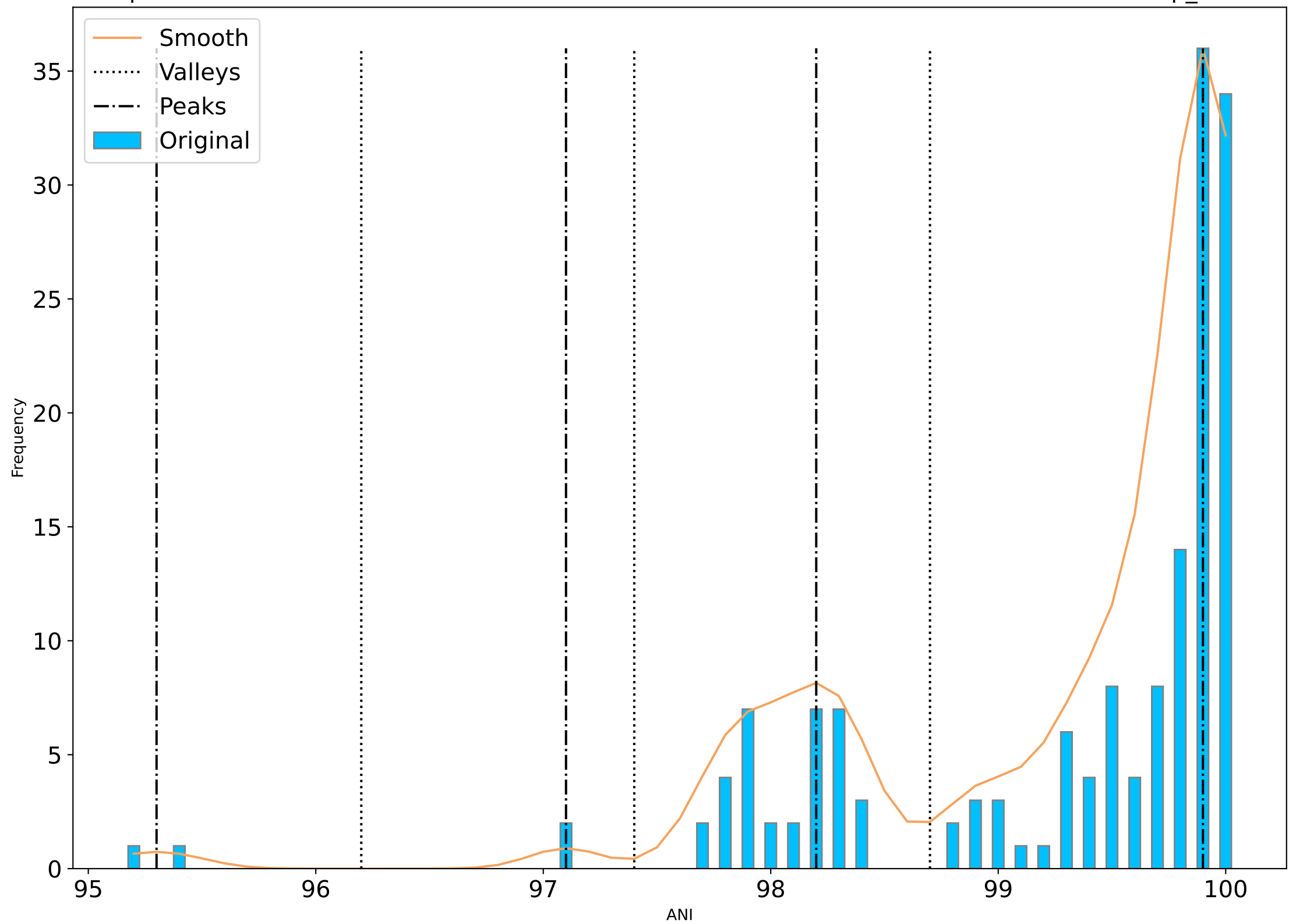


Species_1157

Group 3

Norm_test 5.336369602032172e-15

Dip_test 0.0

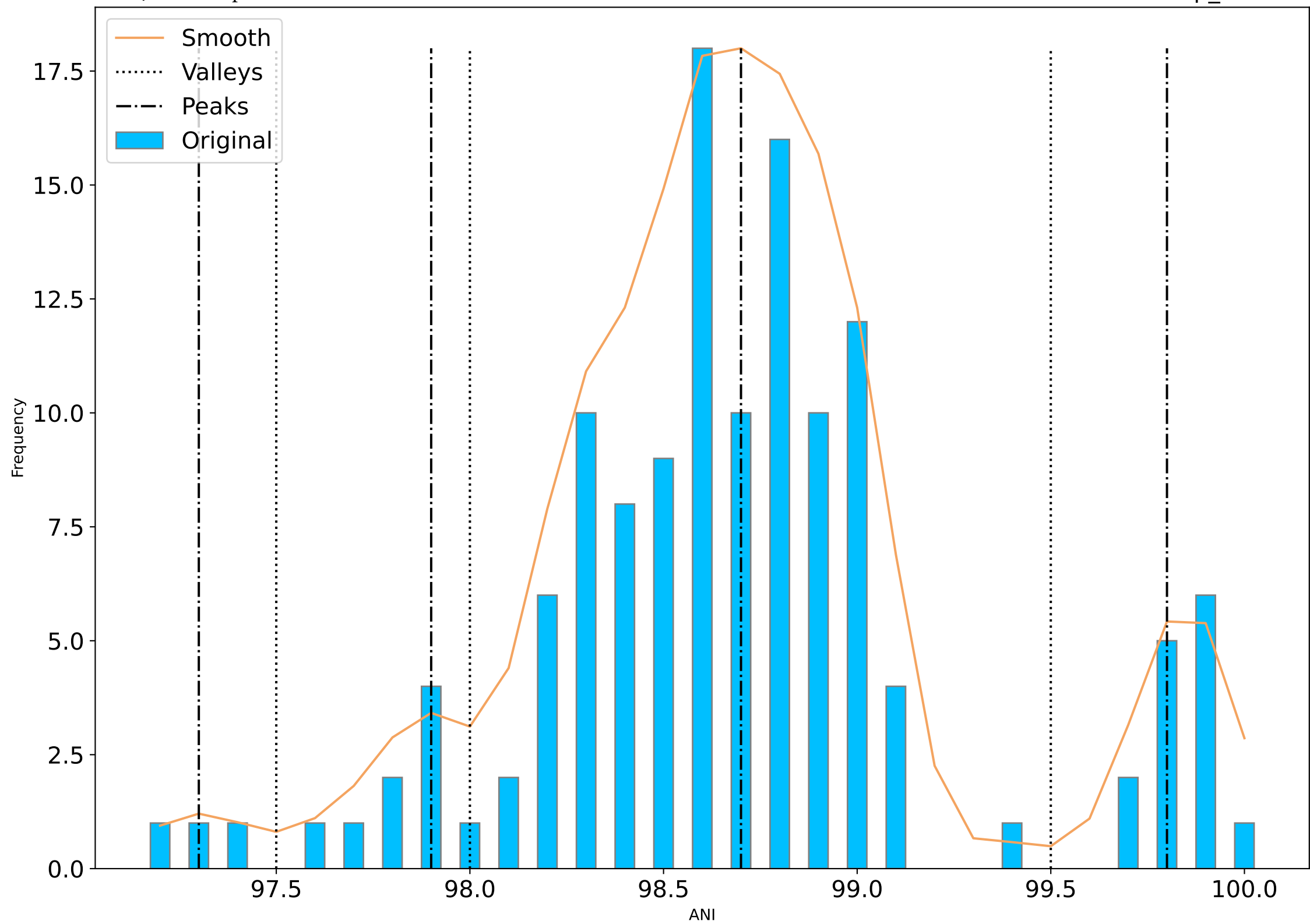


Species_1160

Norm_test 0.07110525773407769

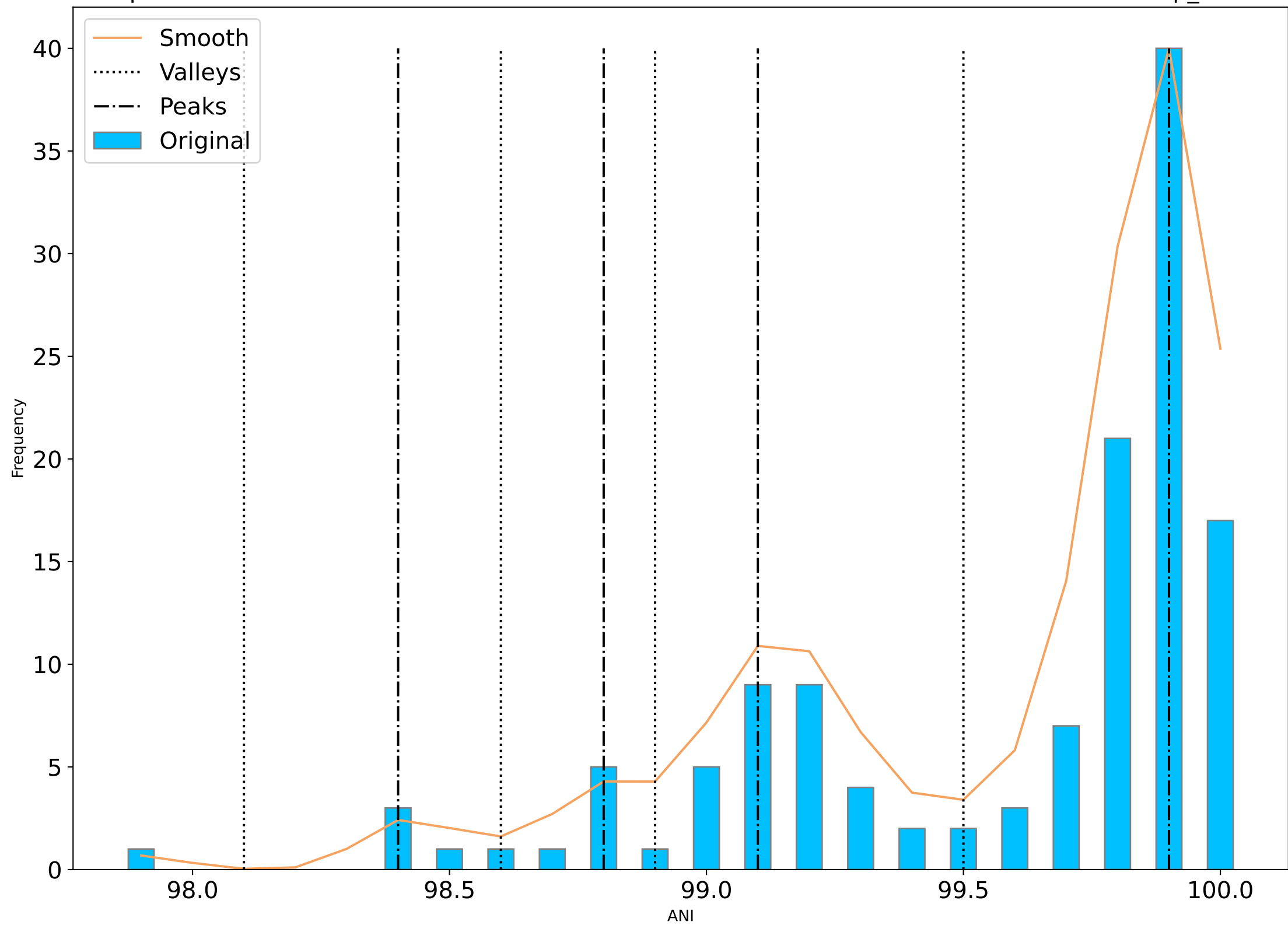
Group 3 Group 1

Dip_test 0.0



Species_1161
Group 2

Norm_test 4.3740756968376414e-07
Dip_test 0.0

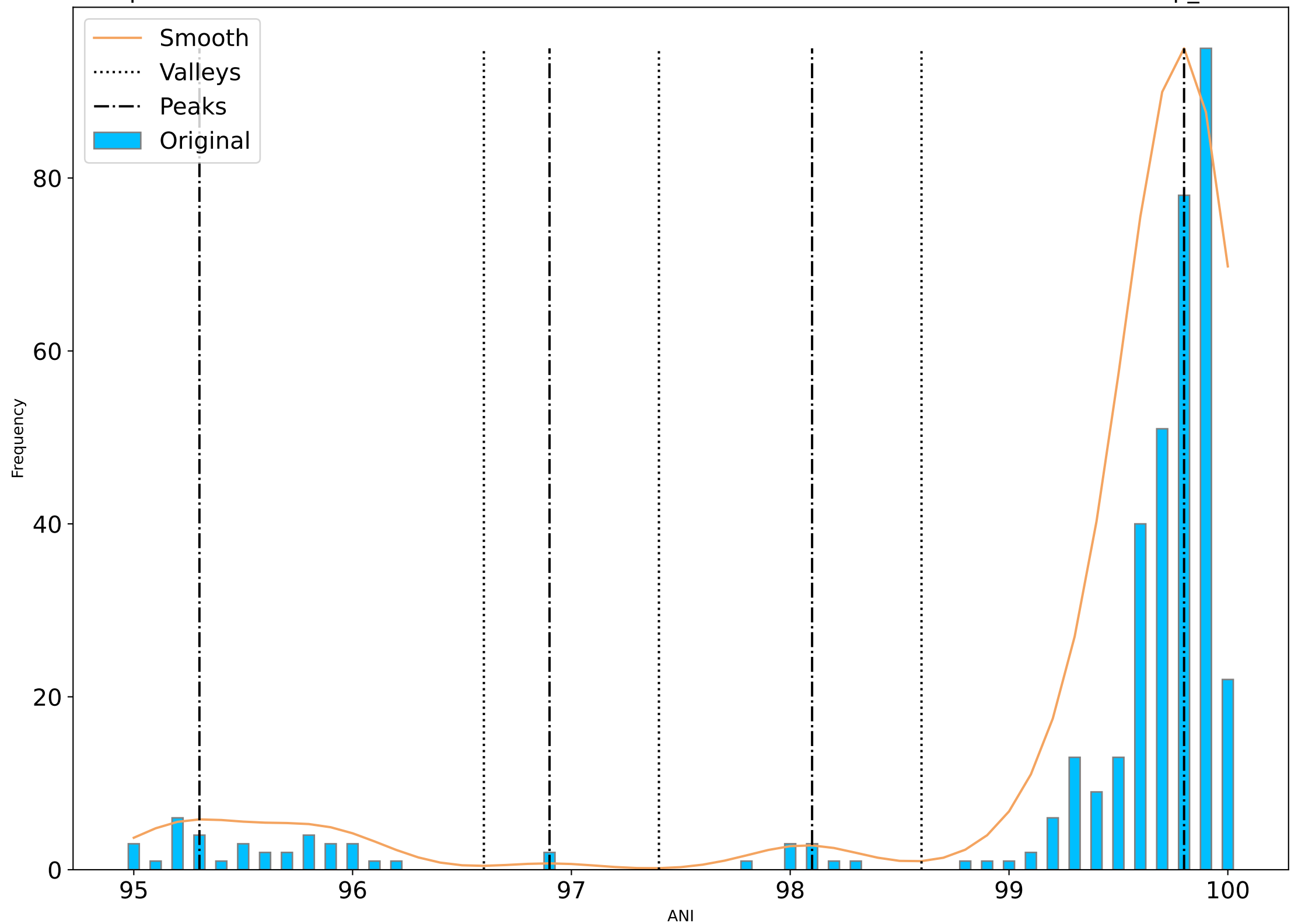


Species_1162

Group 3

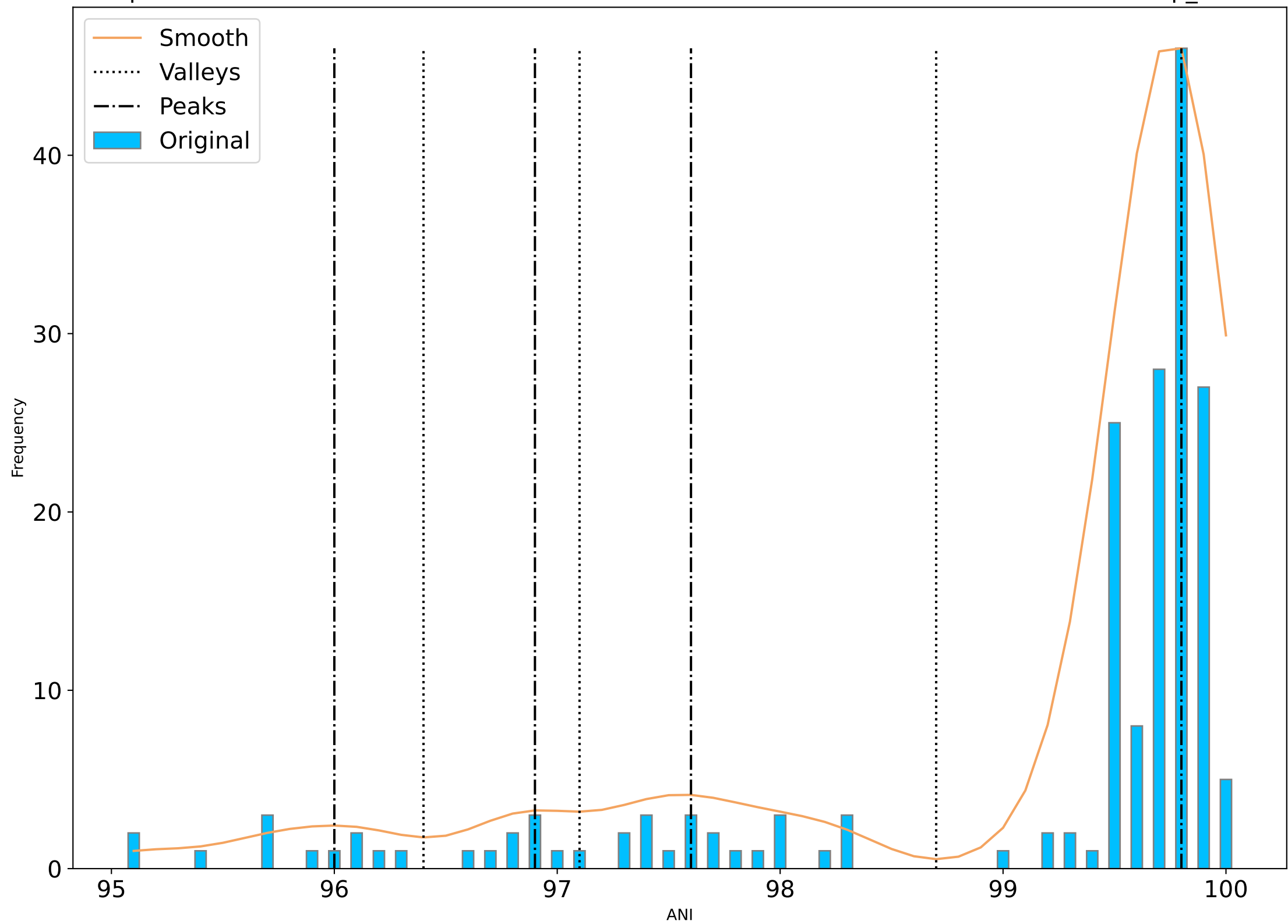
Norm_test 1.0018832440588838e-44

Dip_test 0.0



Species_1165
Group 3

Norm_test 2.1637529868254123e-14
Dip_test 0.0

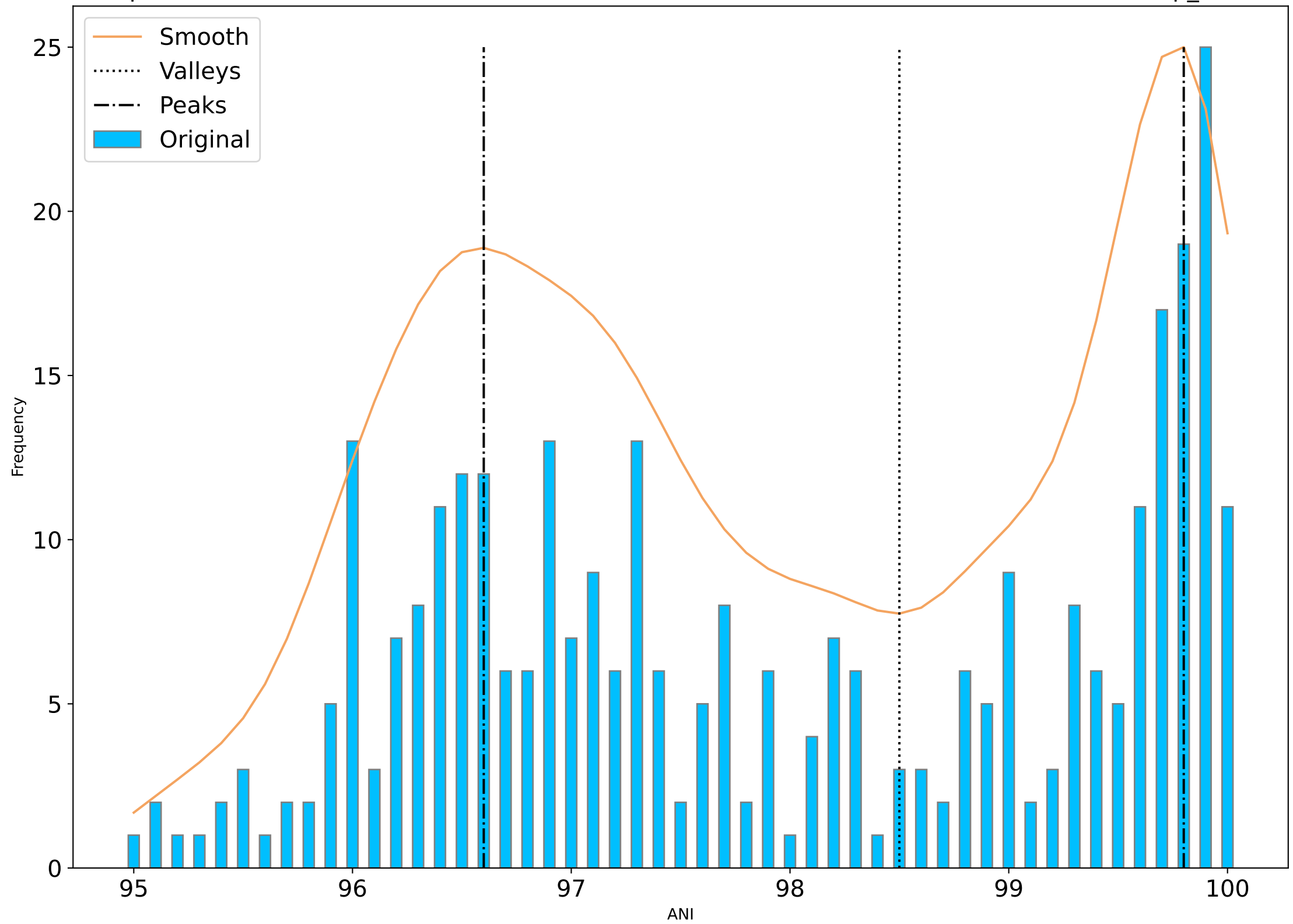


Species_1172

Group 3

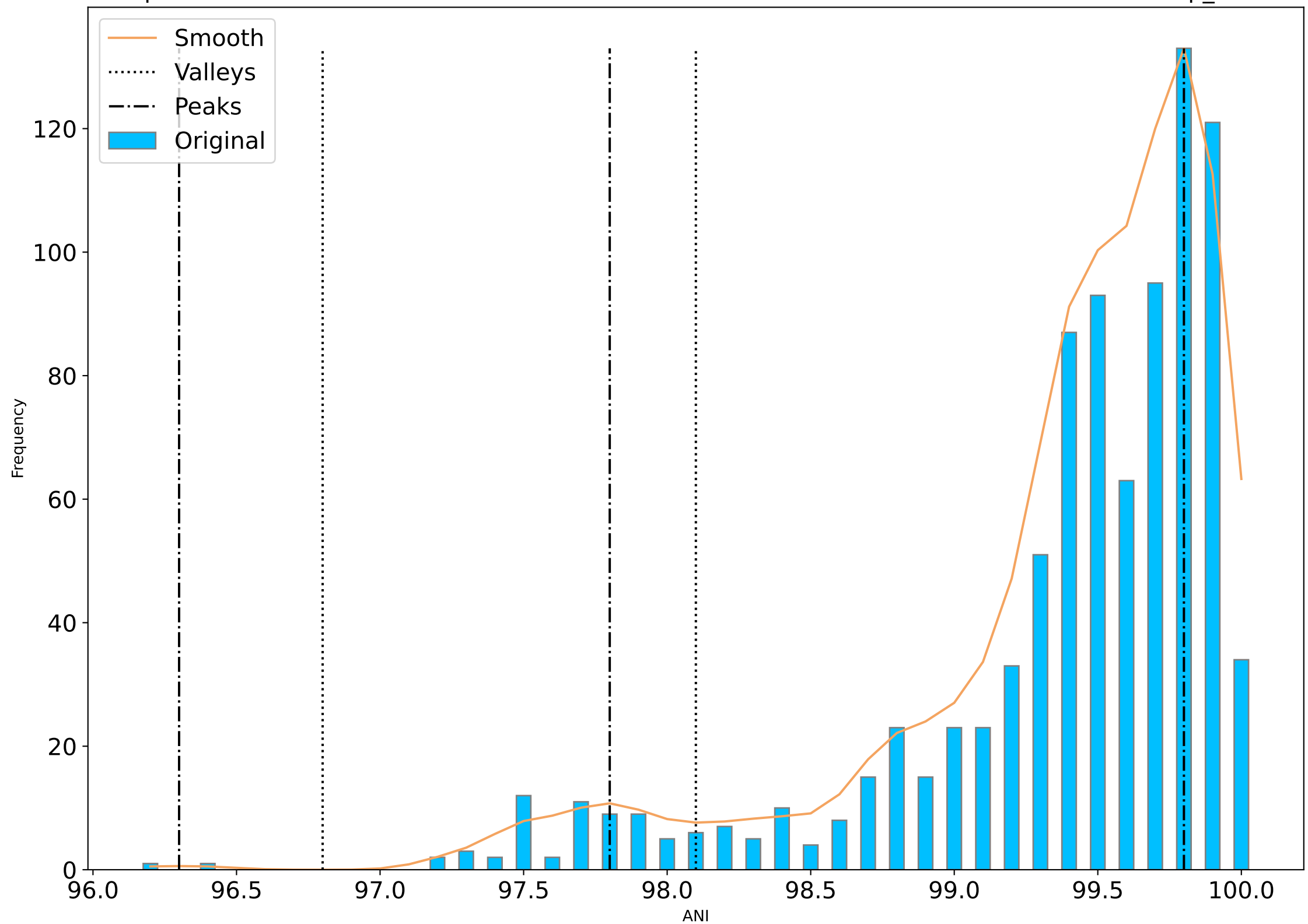
Norm_test 0.0

Dip_test 0.0



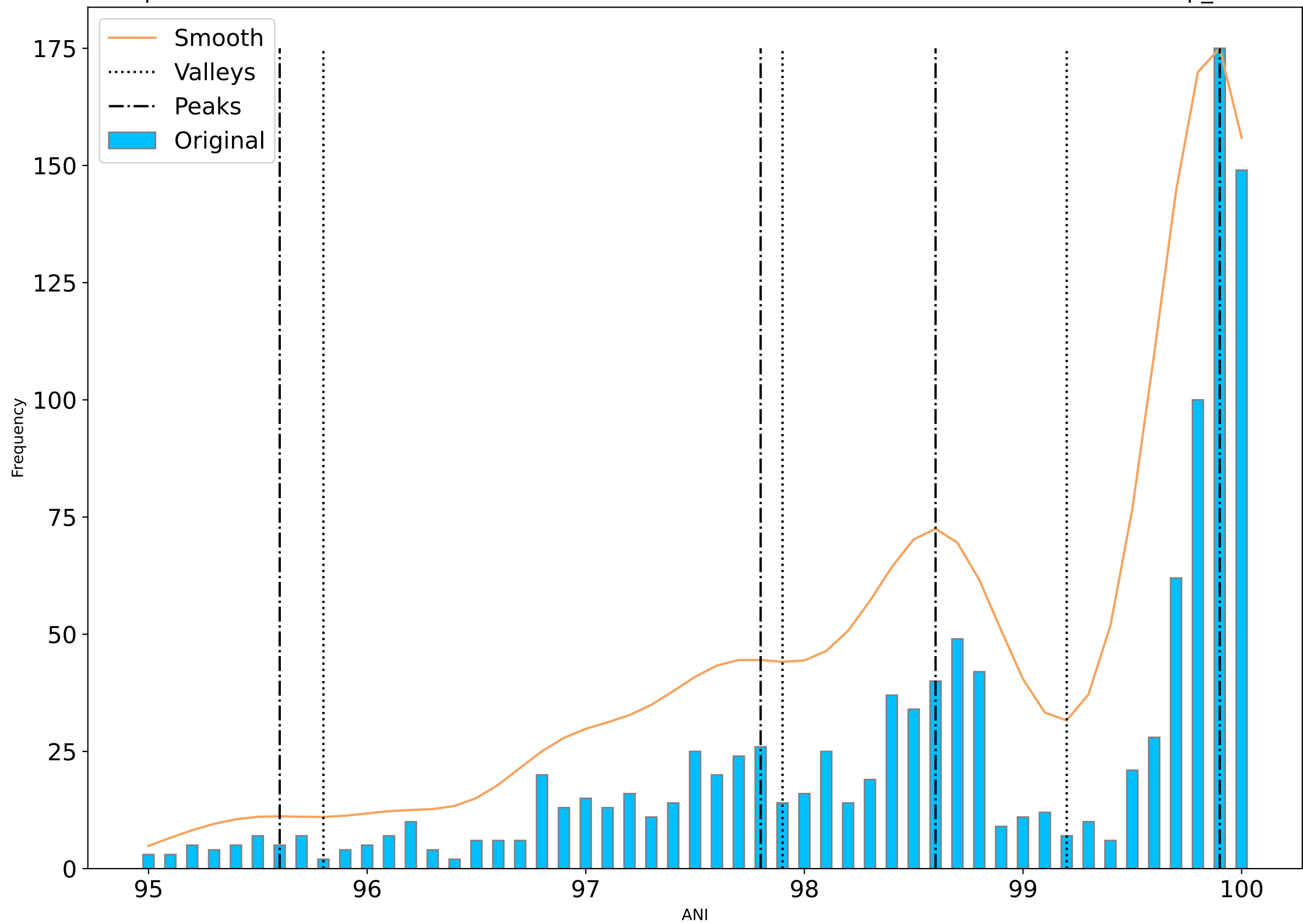
Species_1173
Group 3

Norm_test 5.672070553669432e-71
Dip_test 0.0



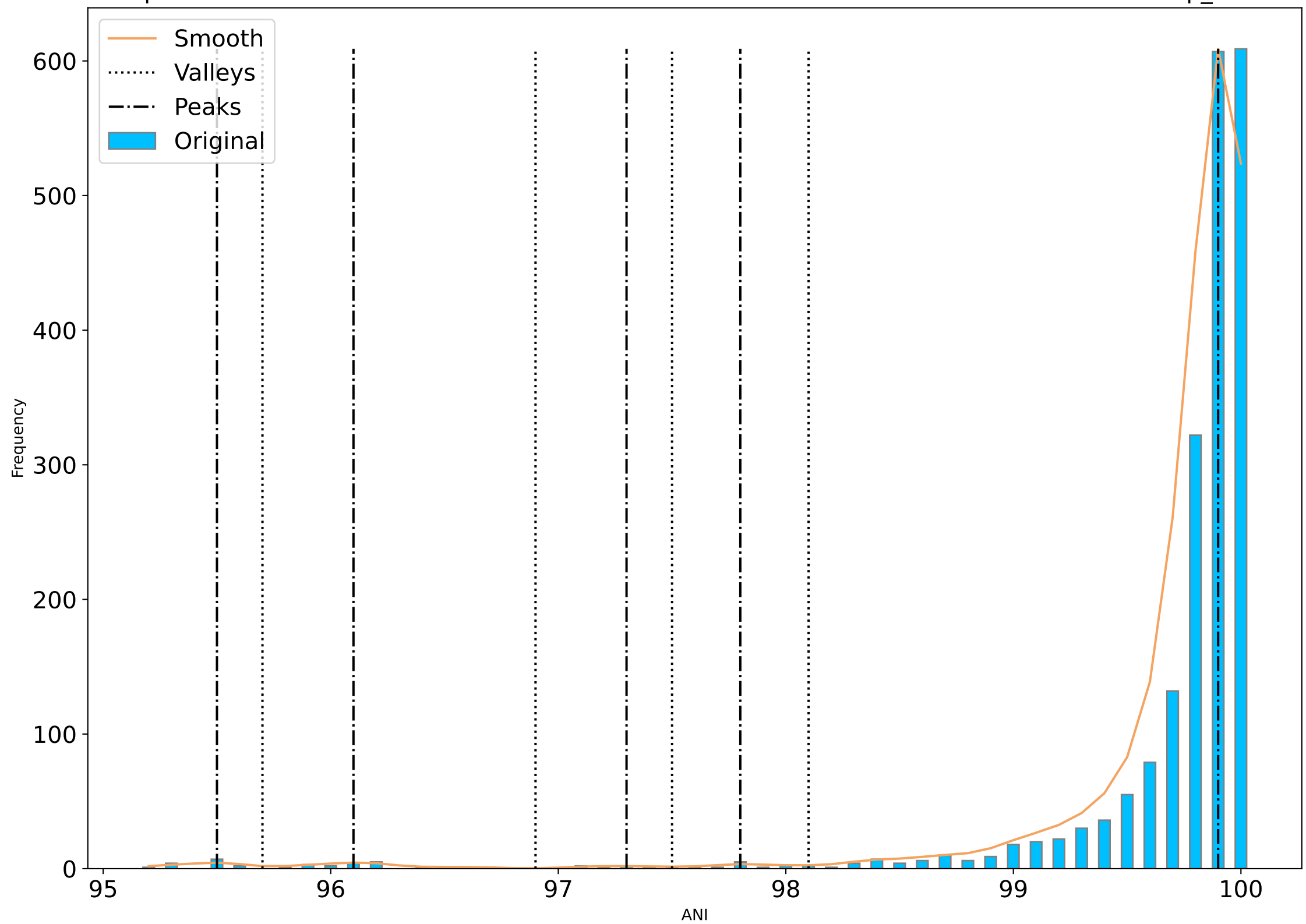
Species_1175
Group 1

Norm_test 5.036839562323668e-27
Dip_test 0.0



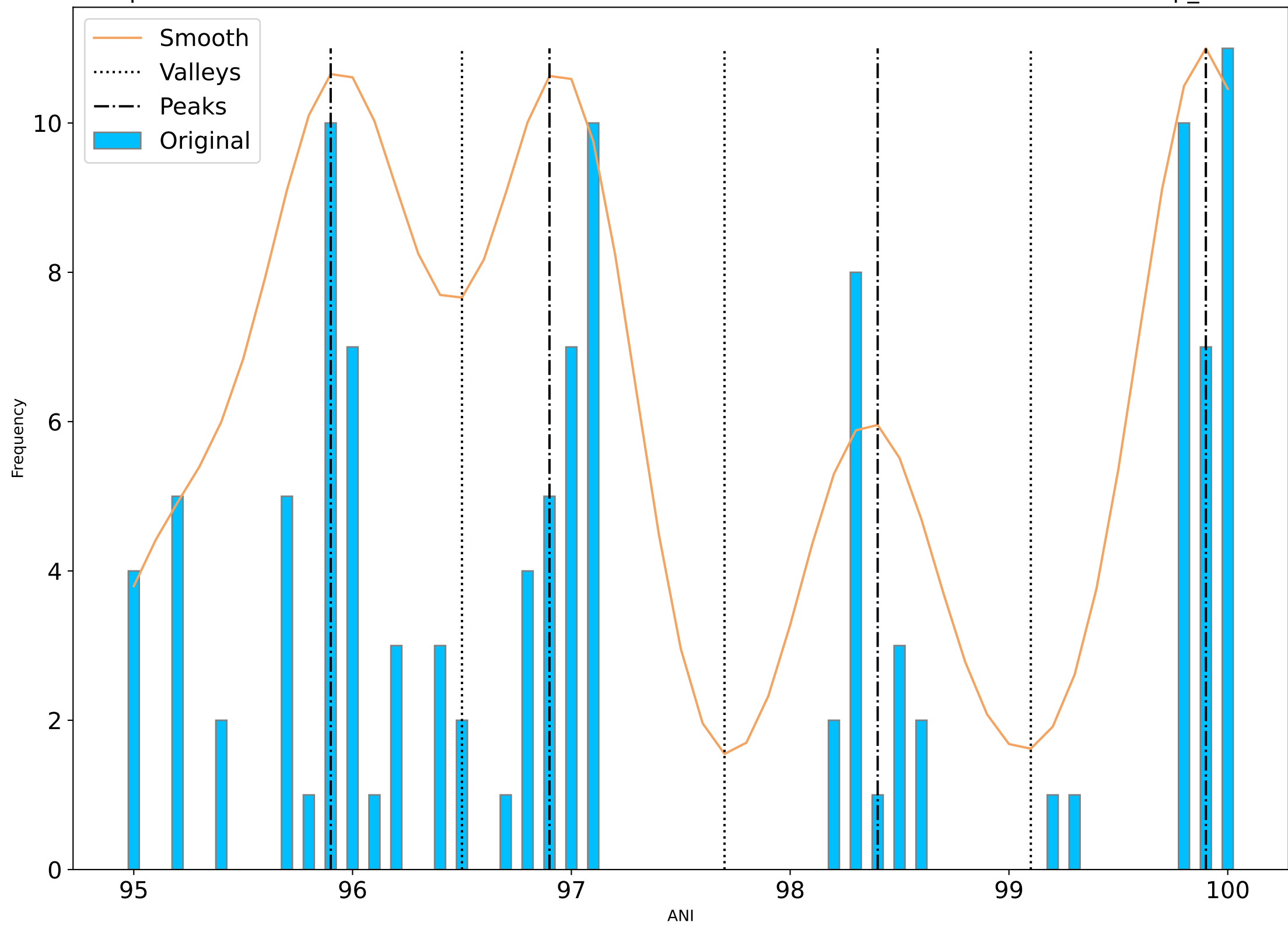
Species_1184
Group 2

Norm_test 0.0
Dip_test 0.0



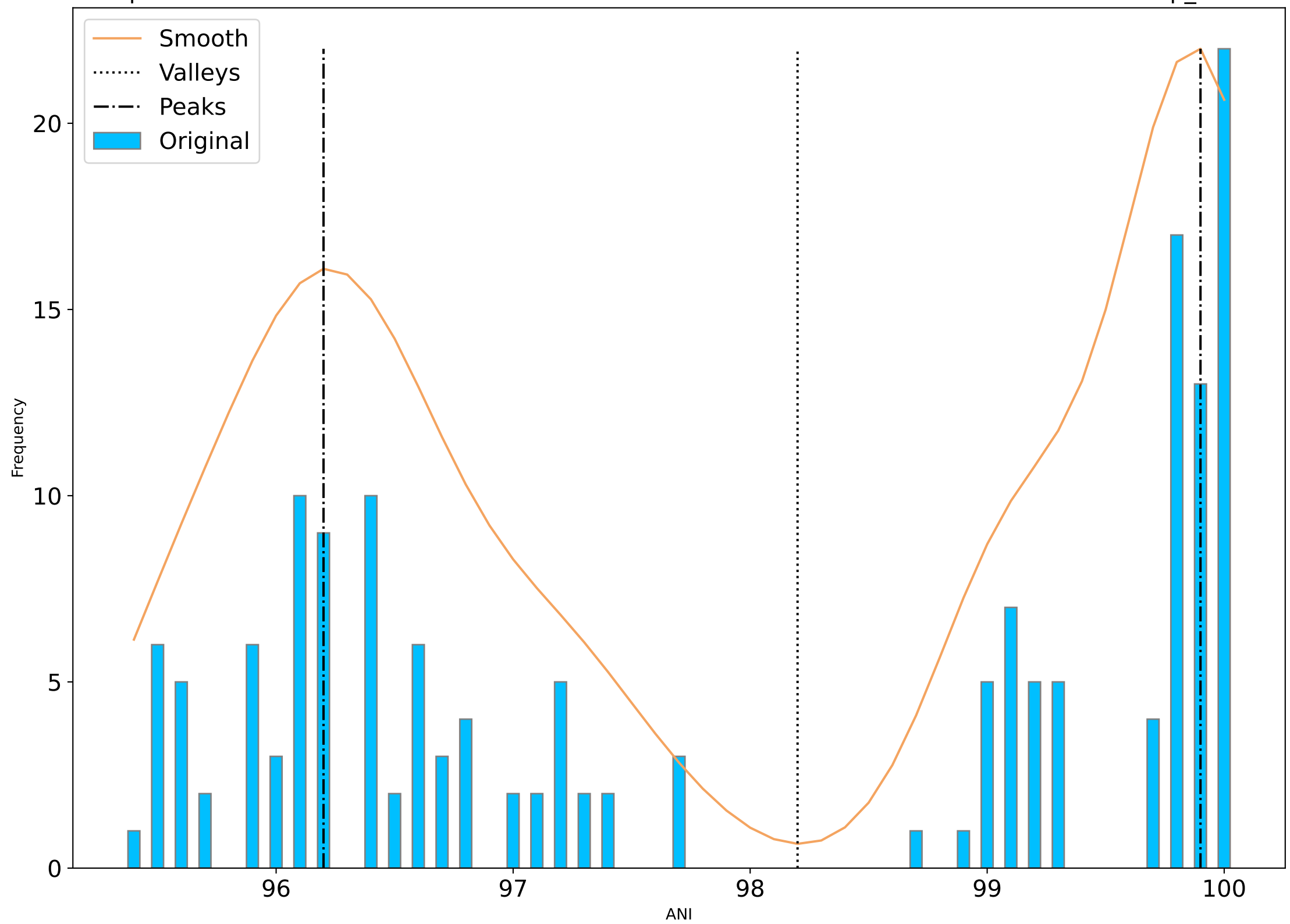
Species_1186
Group 1

Norm_test 4.704788840794319e-19
Dip_test 0.0



Species_1187
Group 3

Norm_test 3.2740128348920306e-288
Dip_test 0.0

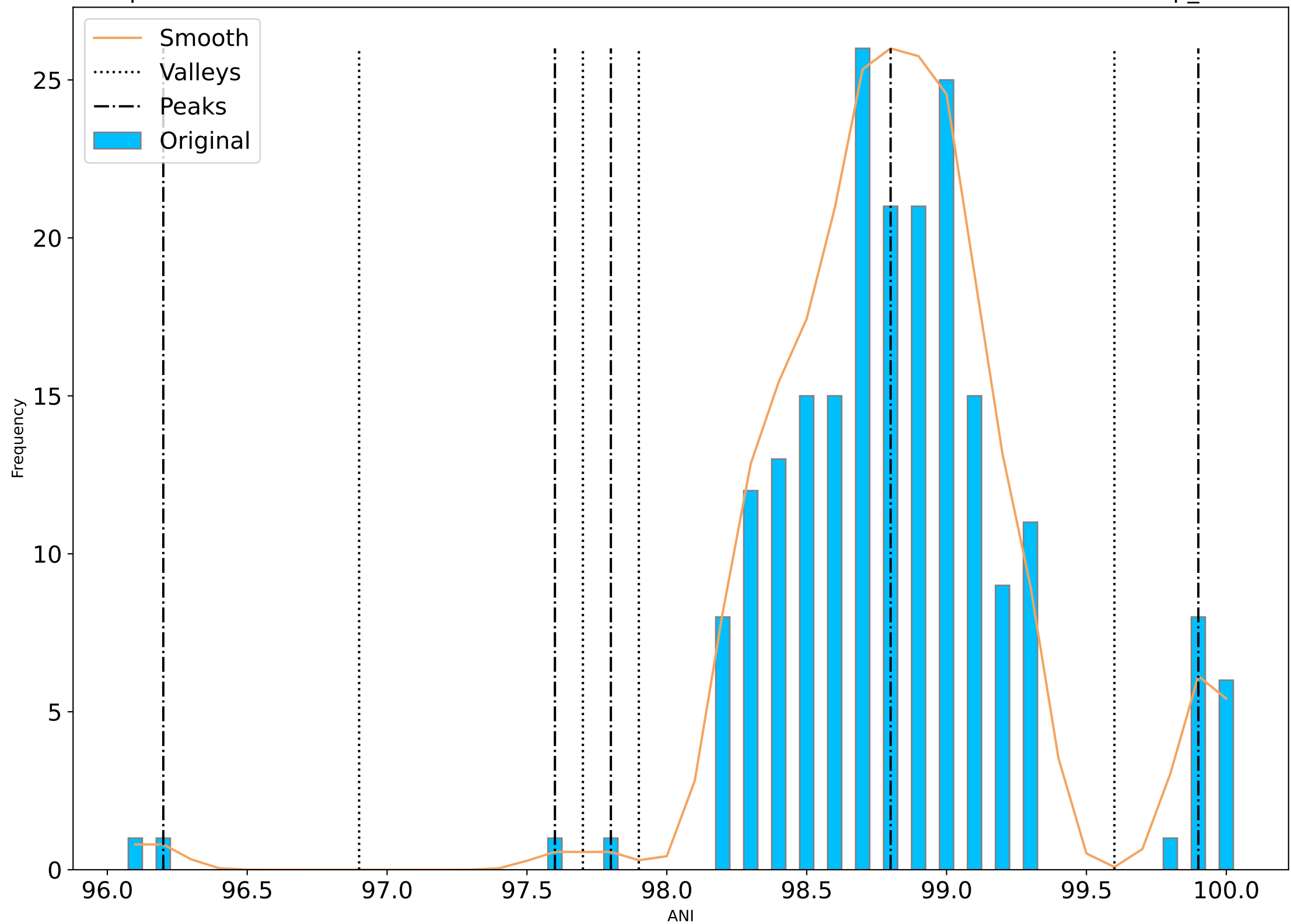


Species_1190

Group 4

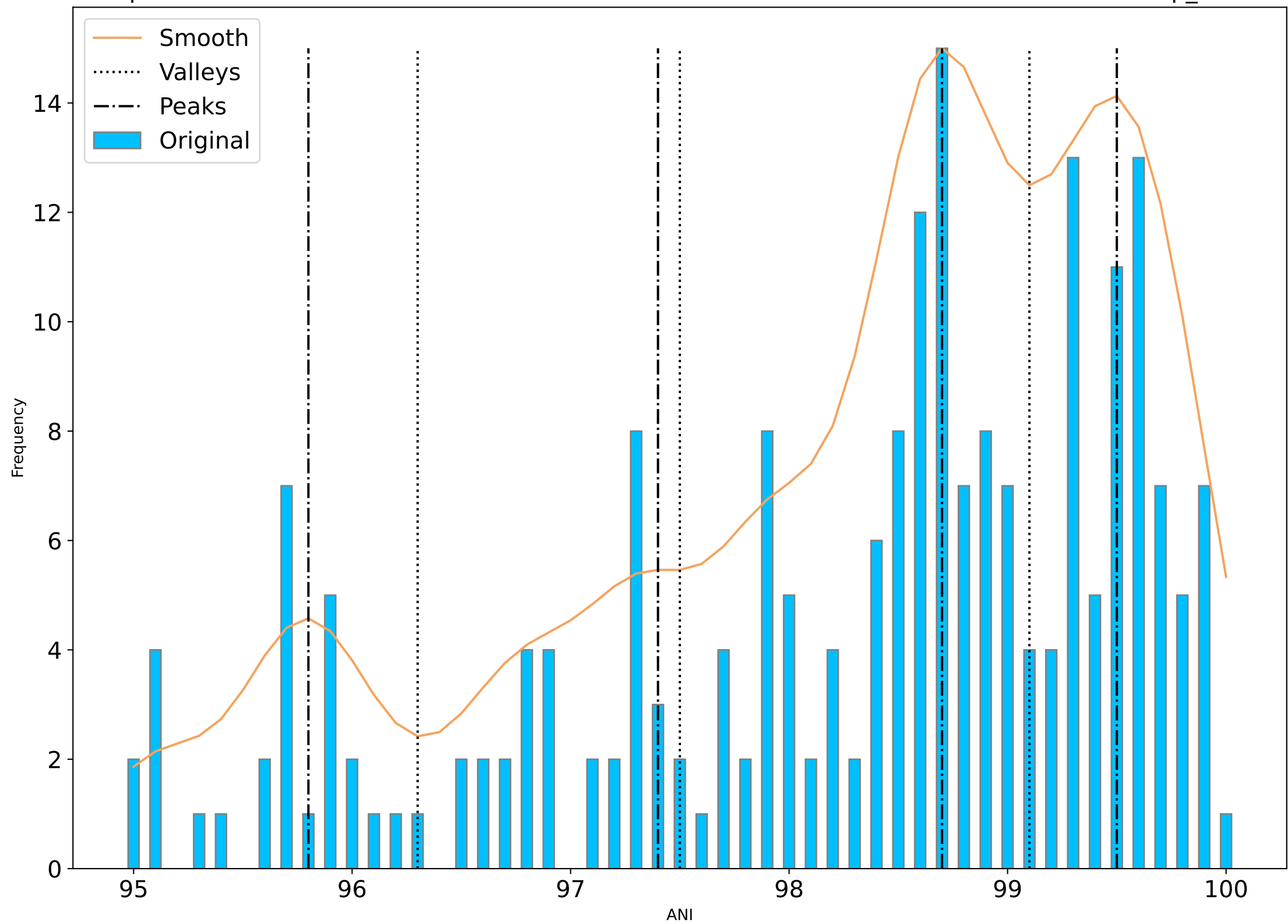
Norm_test 8.335172873893485e-15

Dip_test 0.0



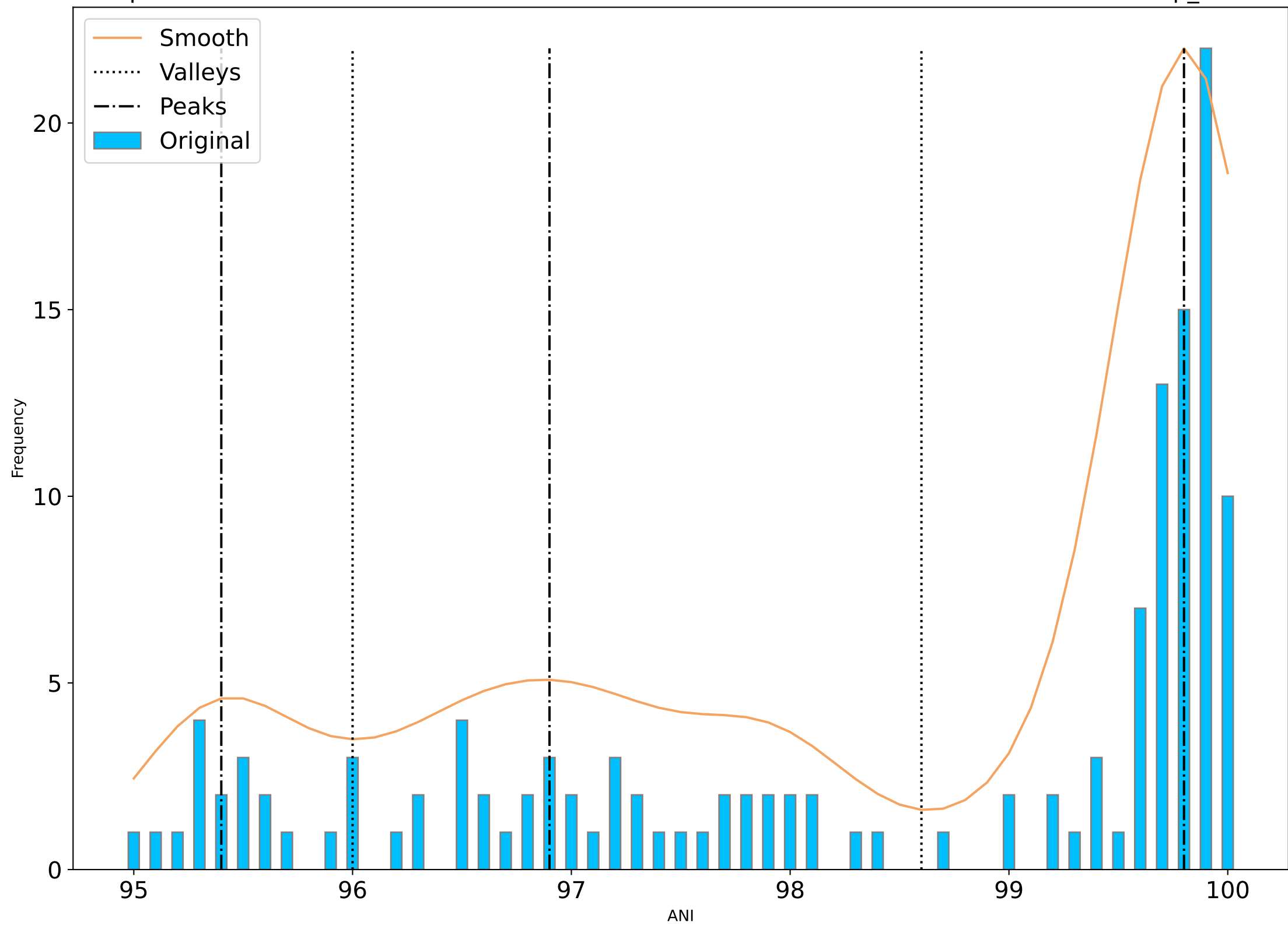
Species_1192
Group 1

Norm_test 1.4028155537955345e-05
Dip_test 0.0



Species_1193
Group 3

Norm_test 8.260871968720628e-10
Dip_test 0.0

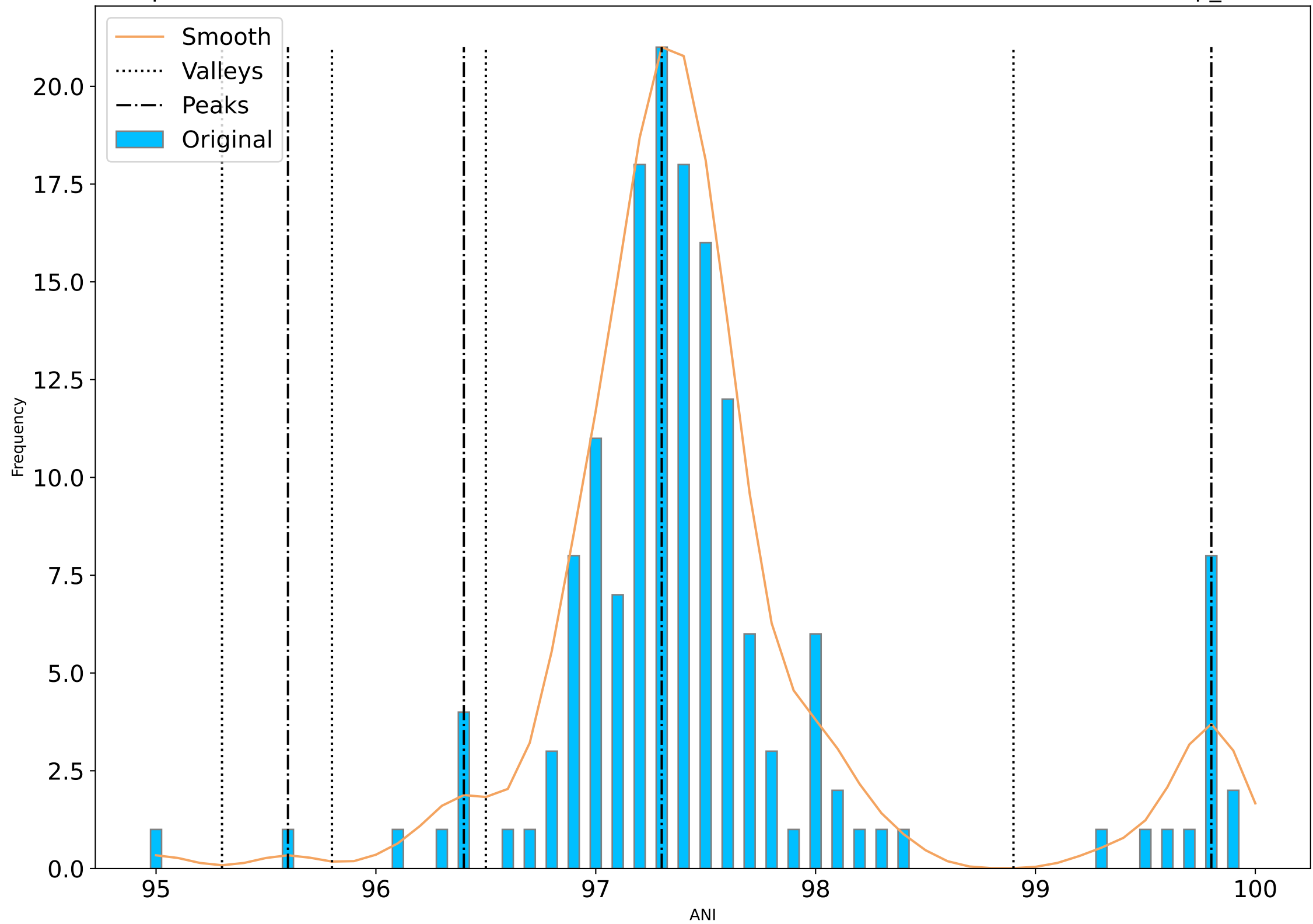


Species_1200

Norm_test 1.0160245136795305e-11

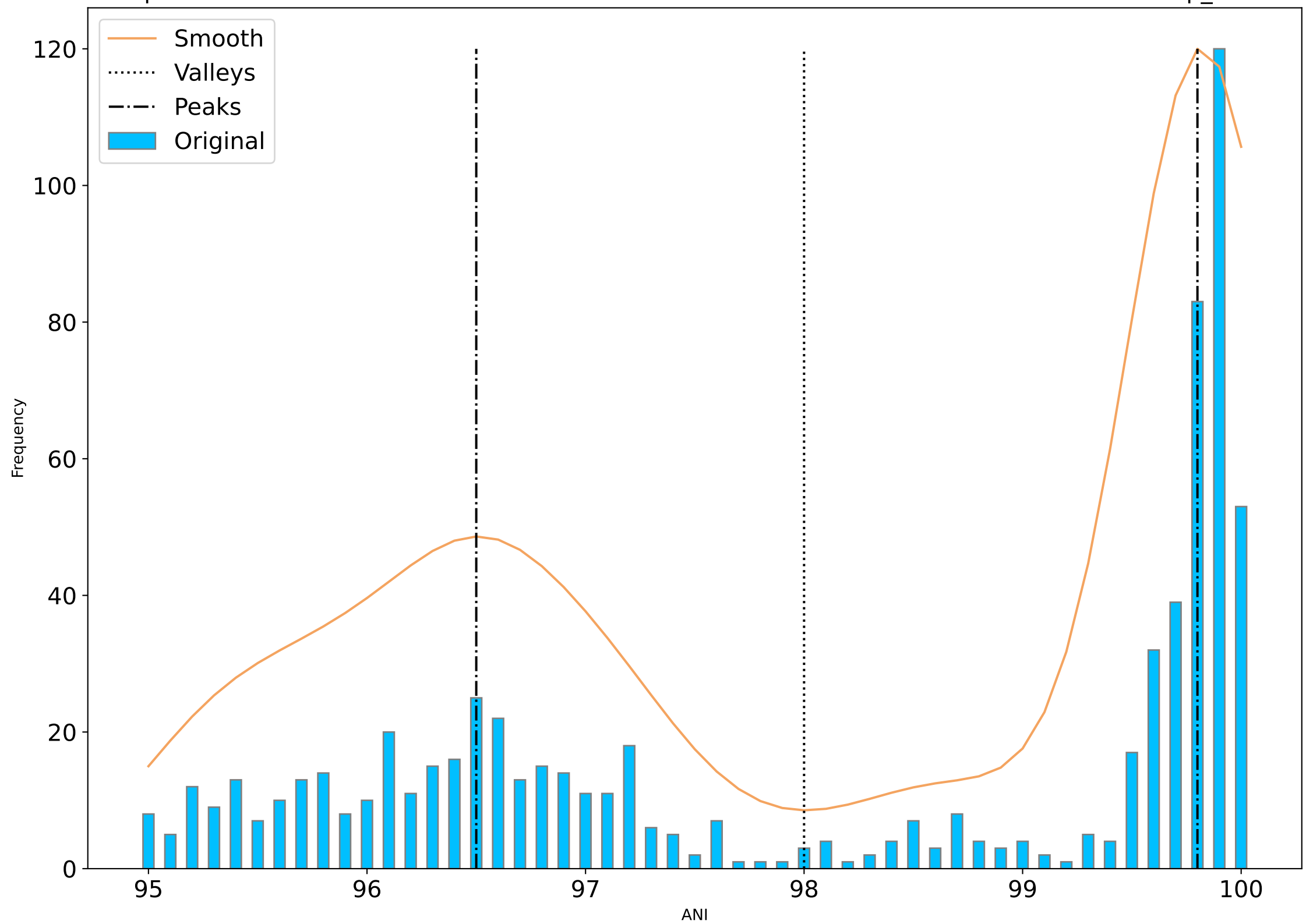
Group 1

Dip_test 0.0



Species_1205
Group 3

Norm_test 0.0
Dip_test 0.0

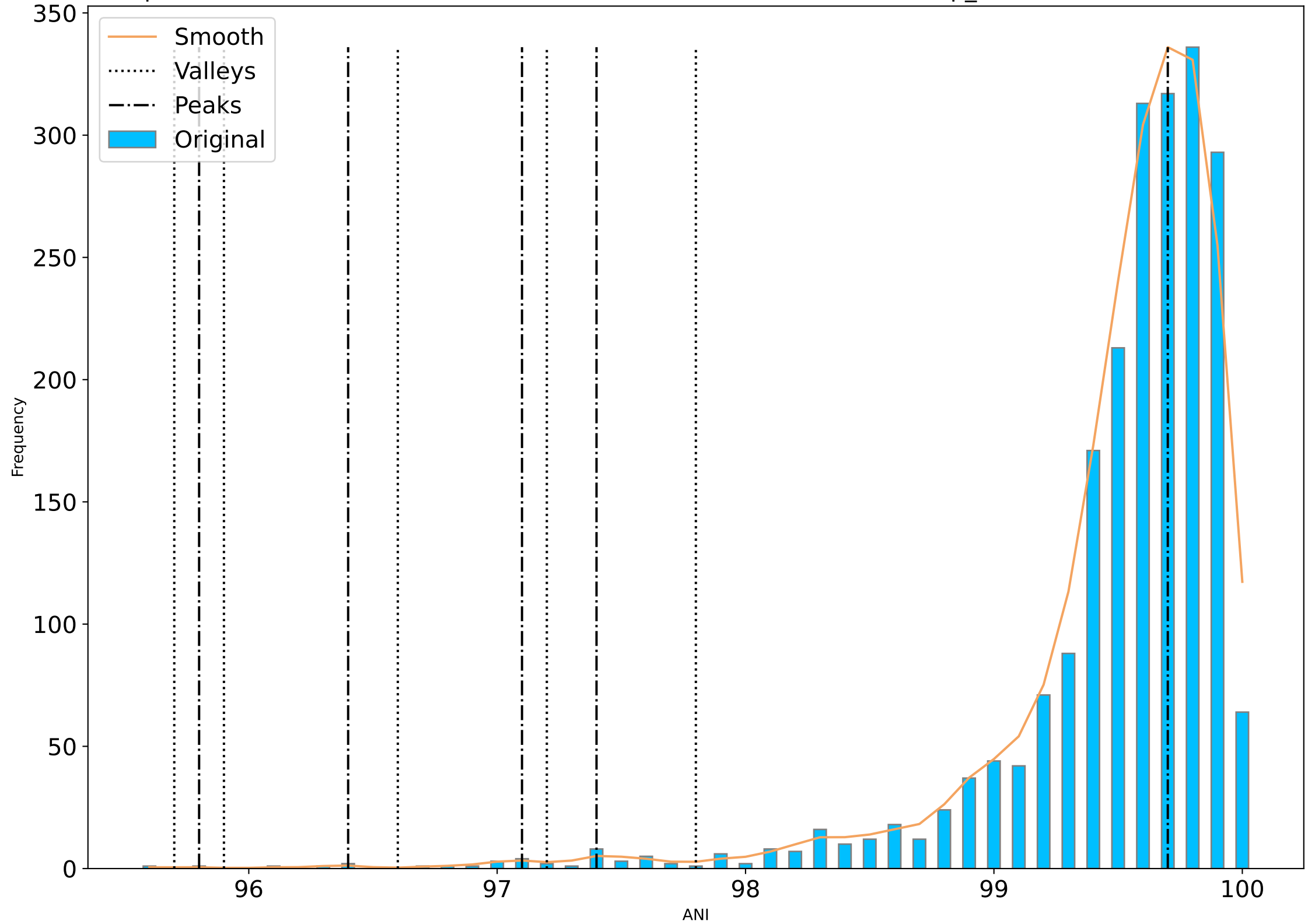


Species_1208

Group 2

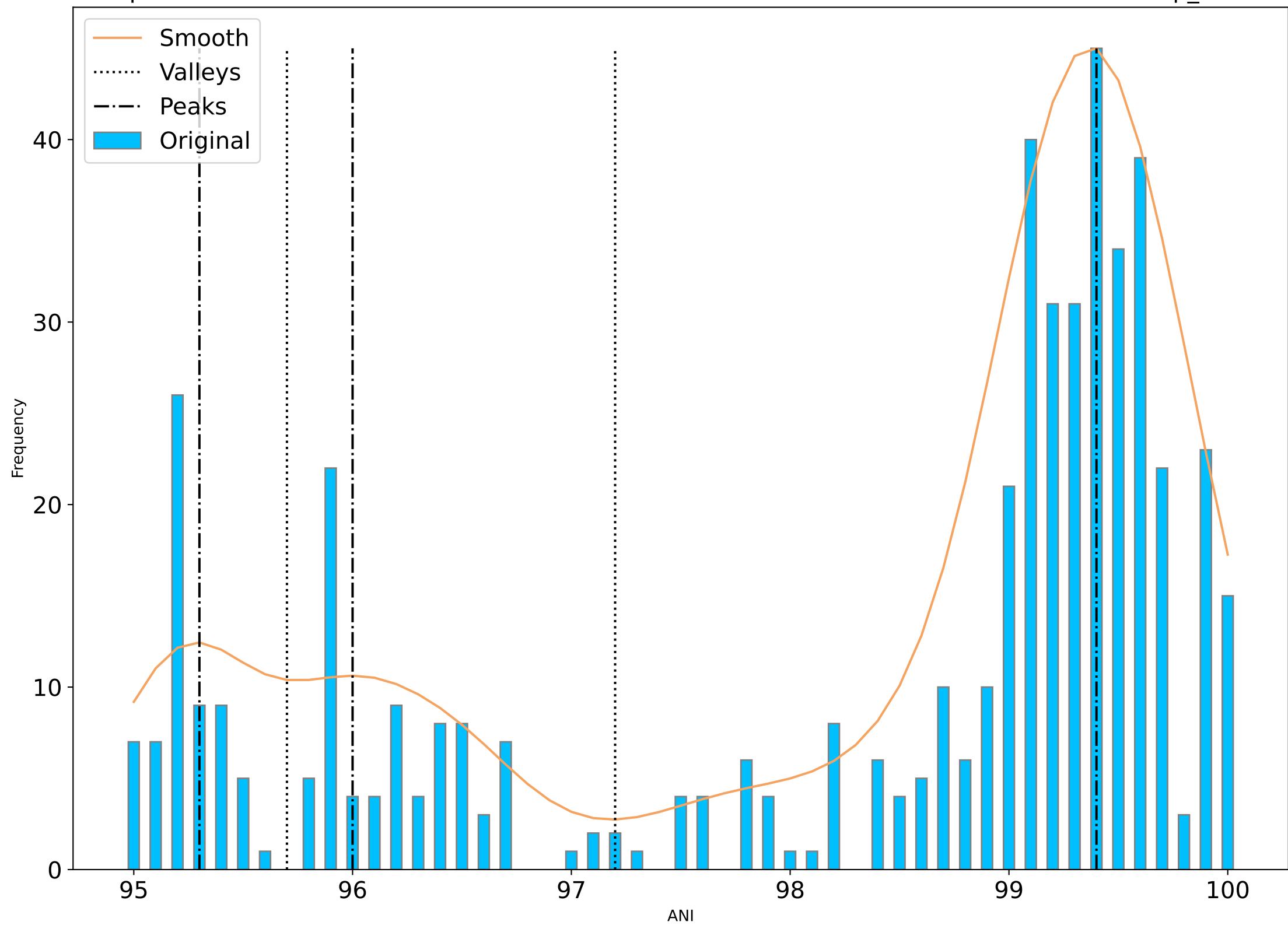
Norm_test 3.550108175487083e-309

Dip_test 0.01583786635121931



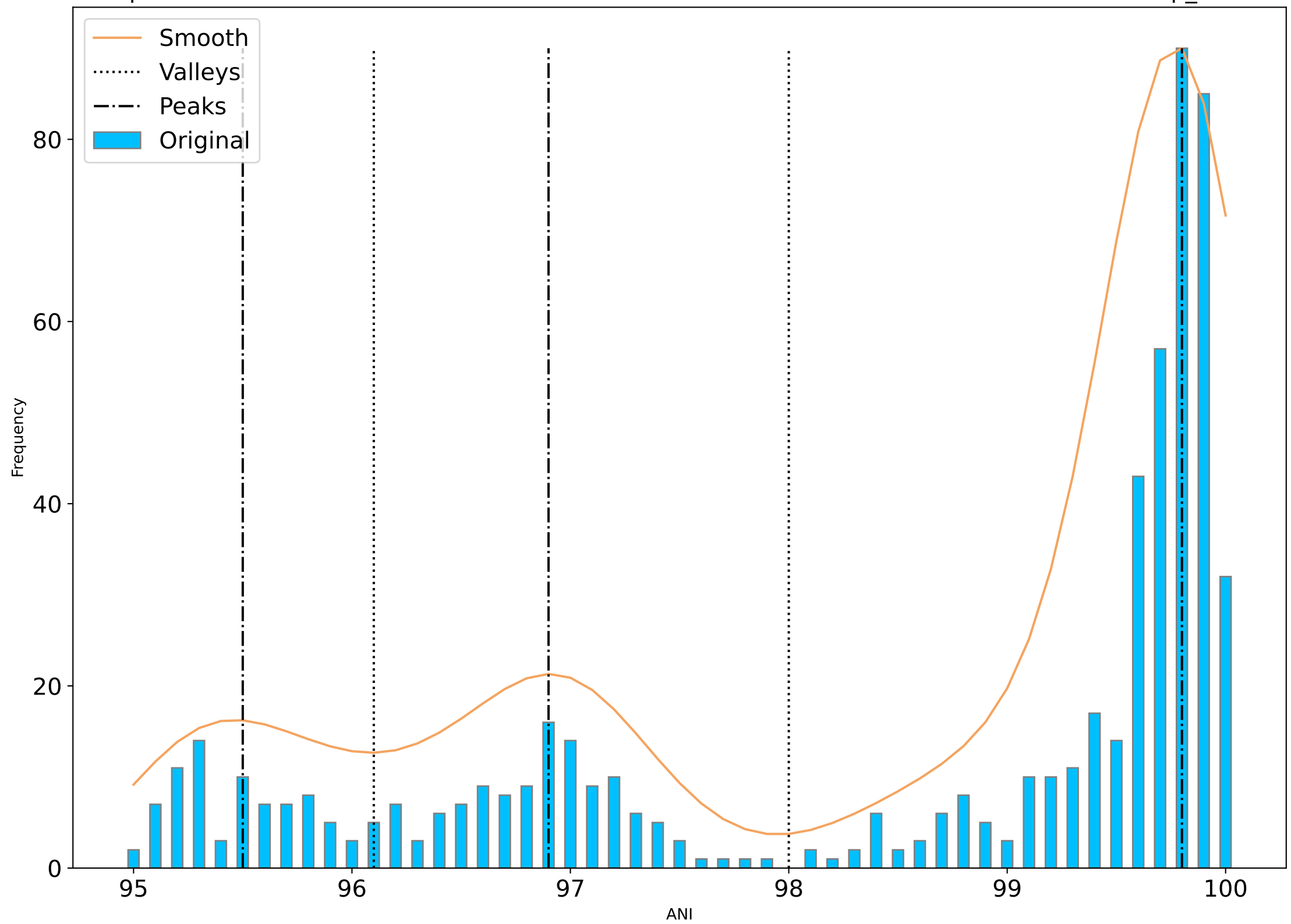
Species_1220
Group 4

Norm_test 8.471690459370357e-23
Dip_test 0.0



Species_1221
Group 3

Norm_test 3.5452450379915103e-28
Dip_test 0.0

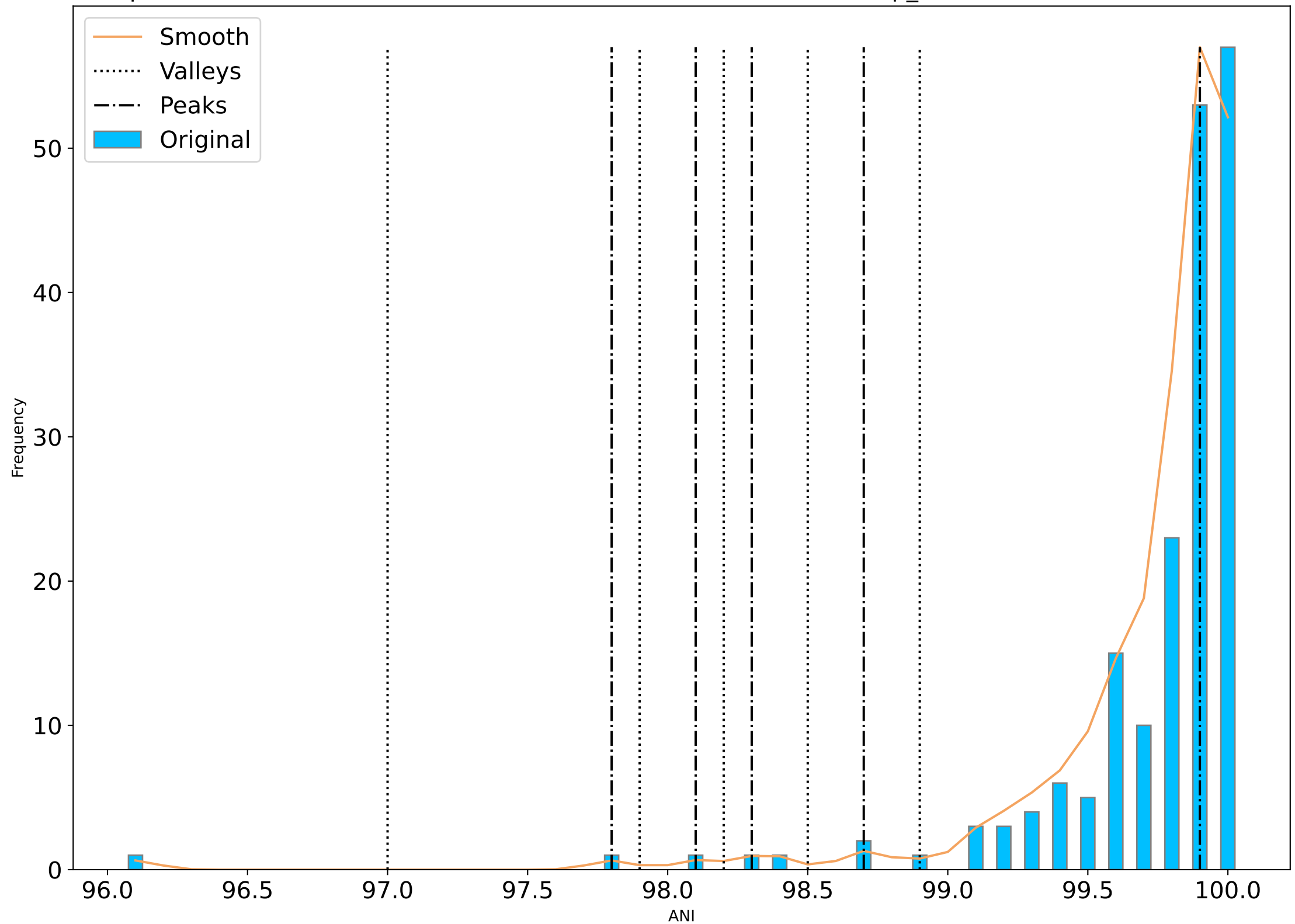


Species_1226

Group 2

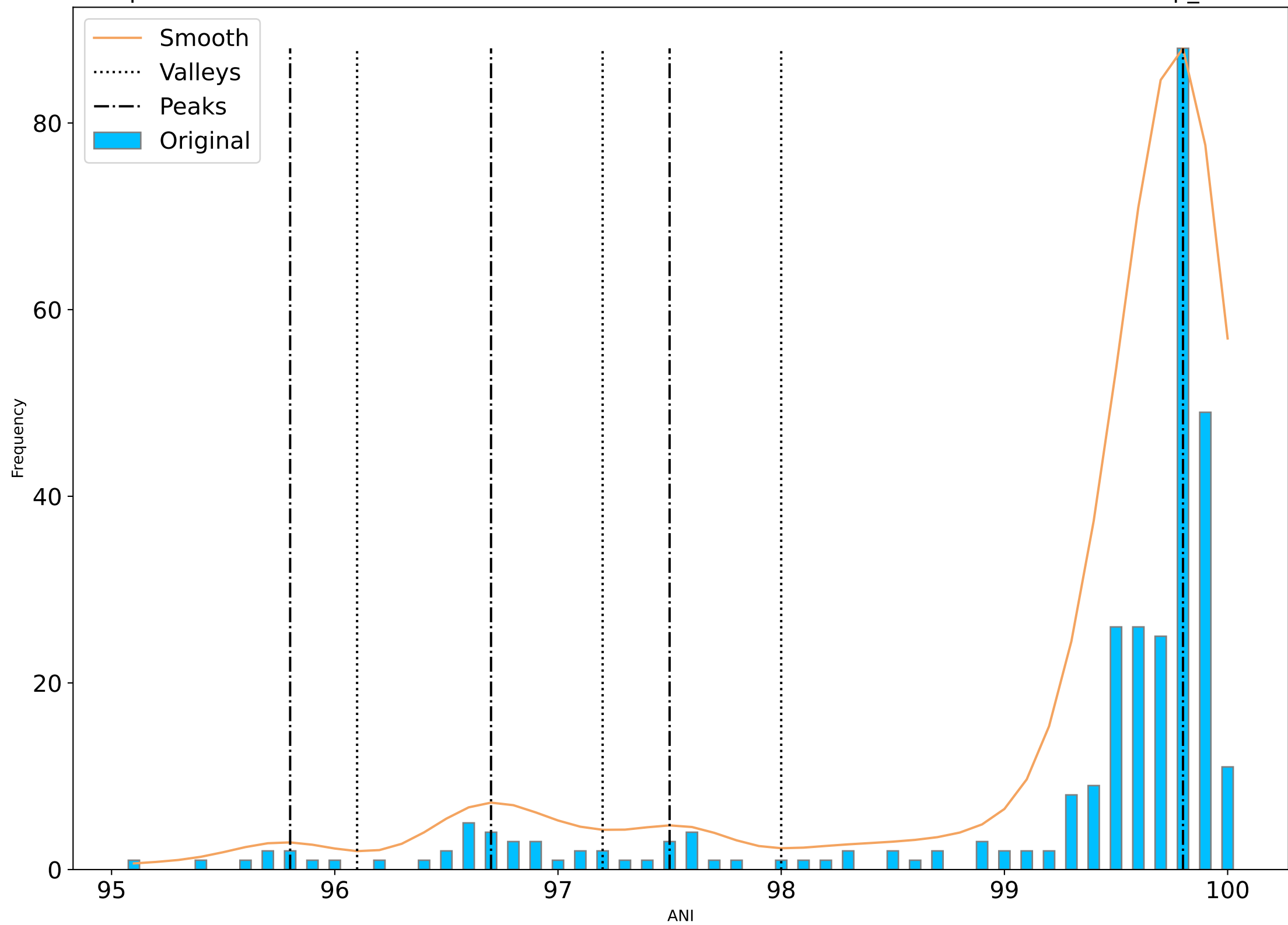
Norm_test 1.1116719942176524e-46

Dip_test 0.00016245359120659053



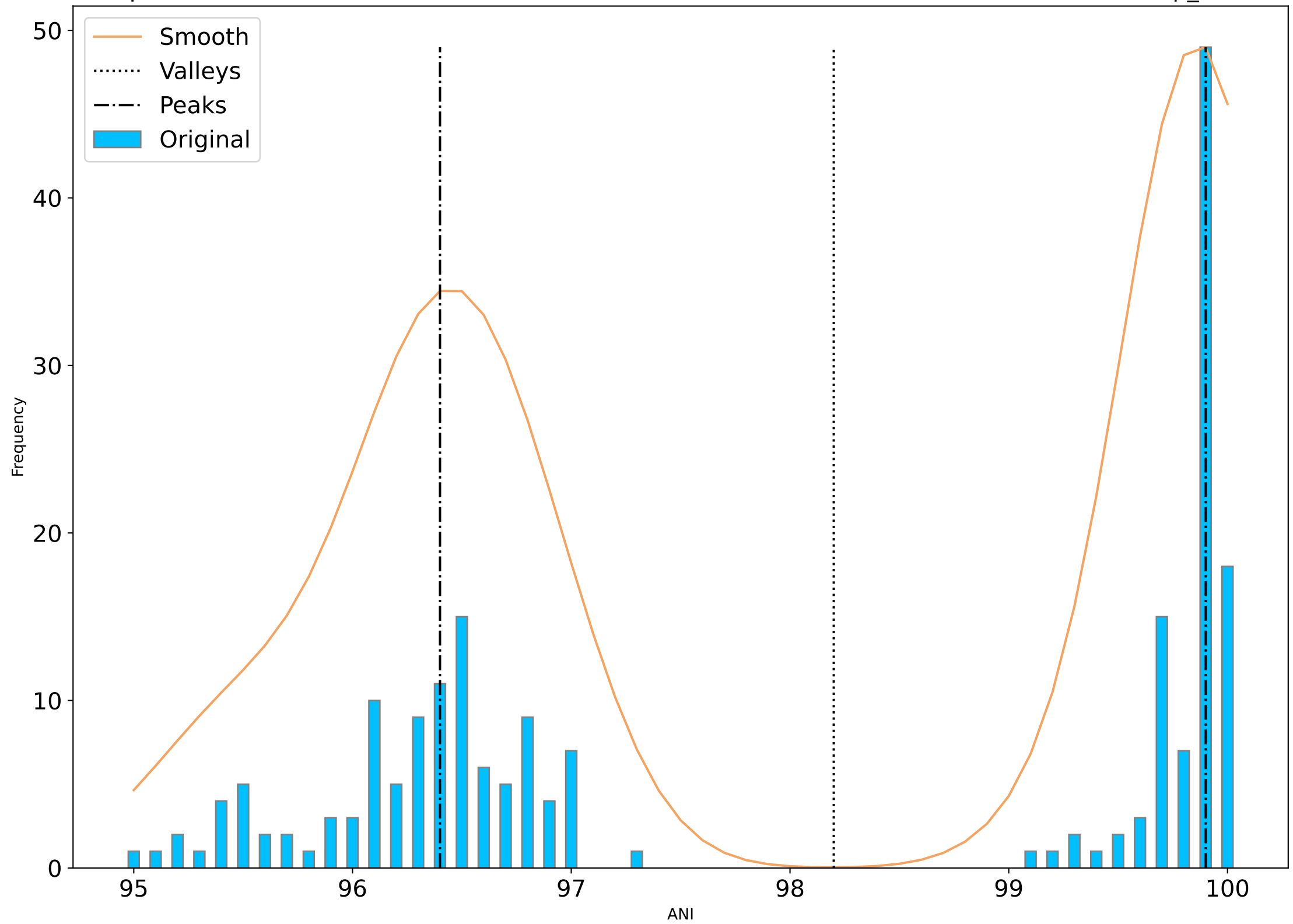
Species_1230
Group 3

Norm_test 3.384079421373798e-27
Dip_test 0.0



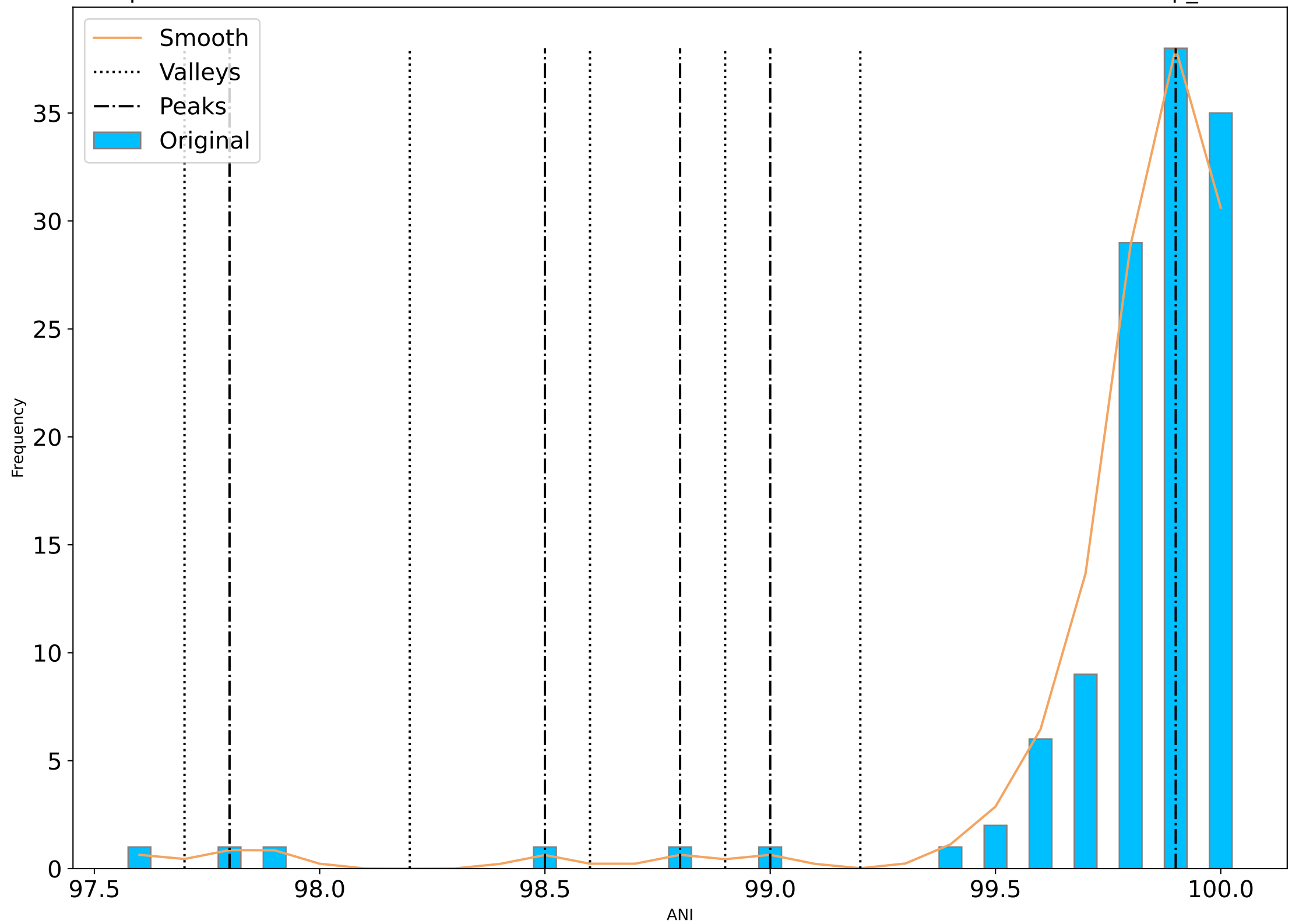
Species_1240
Group 3

Norm_test 5.767498658938212e-285
Dip_test 0.0



Species_1250
Group 2

Norm_test 7.777213300613871e-31
Dip_test 0.0

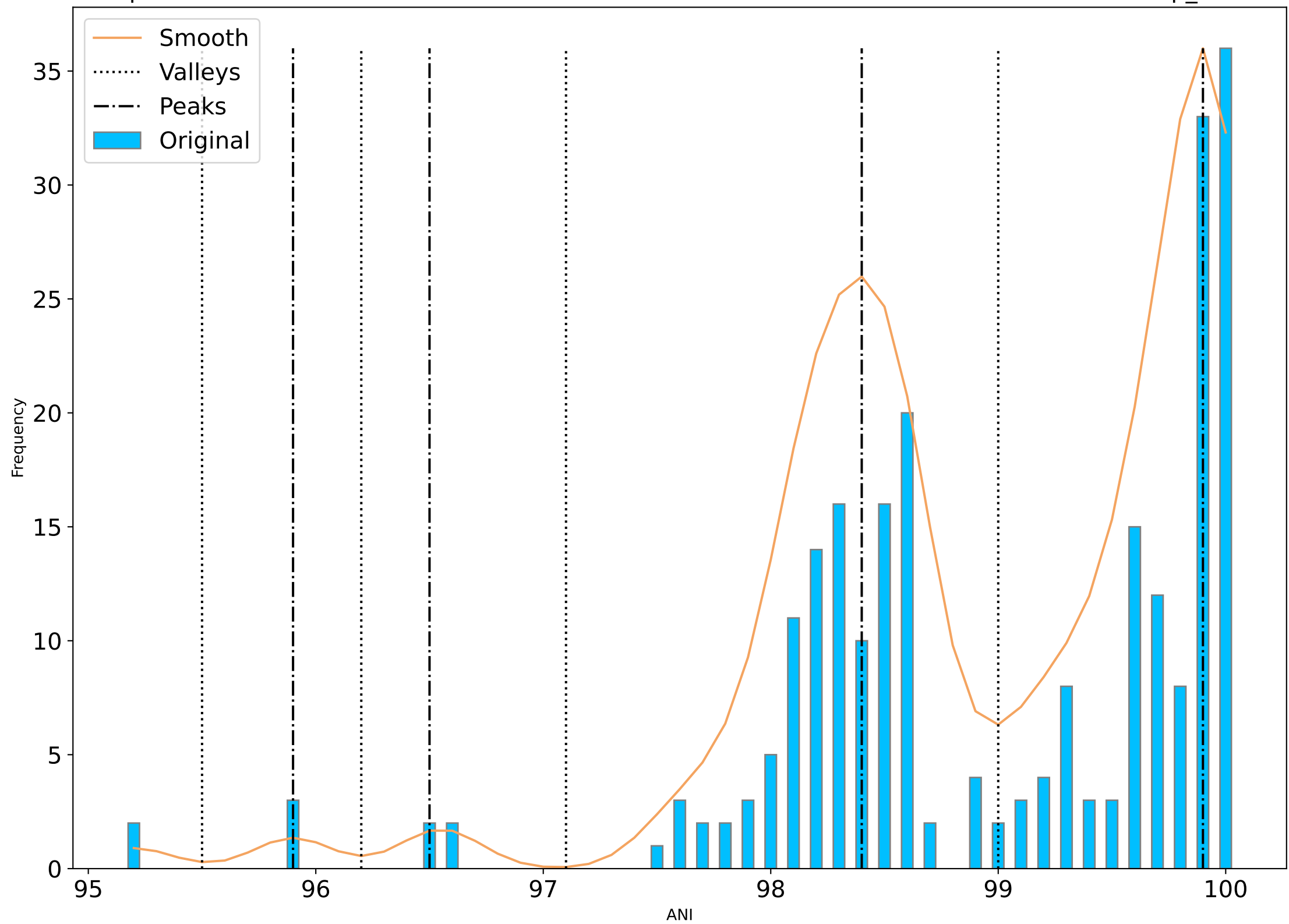


Species_1256

Group 1

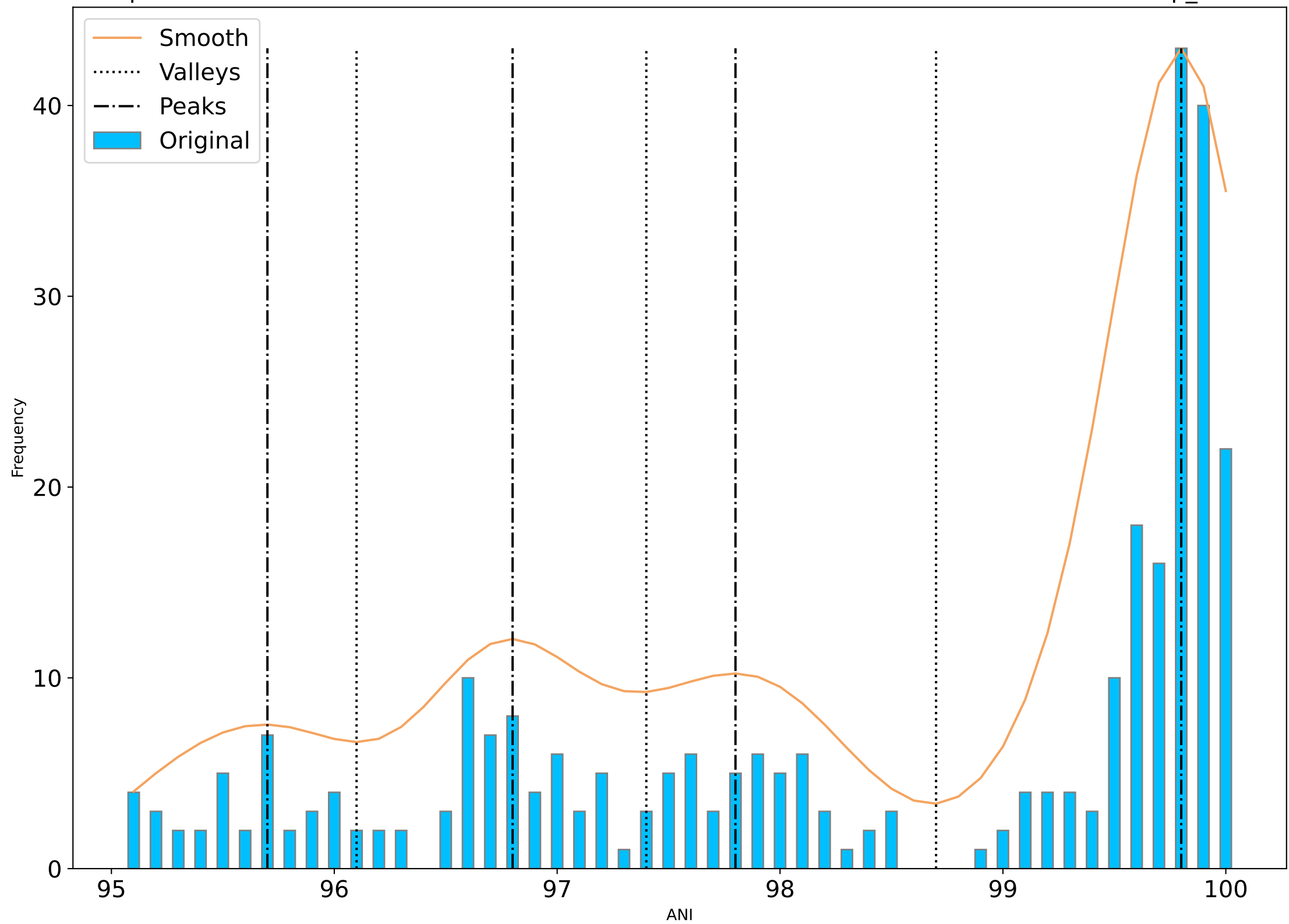
Norm_test 4.4462375613846036e-11

Dip_test 0.0



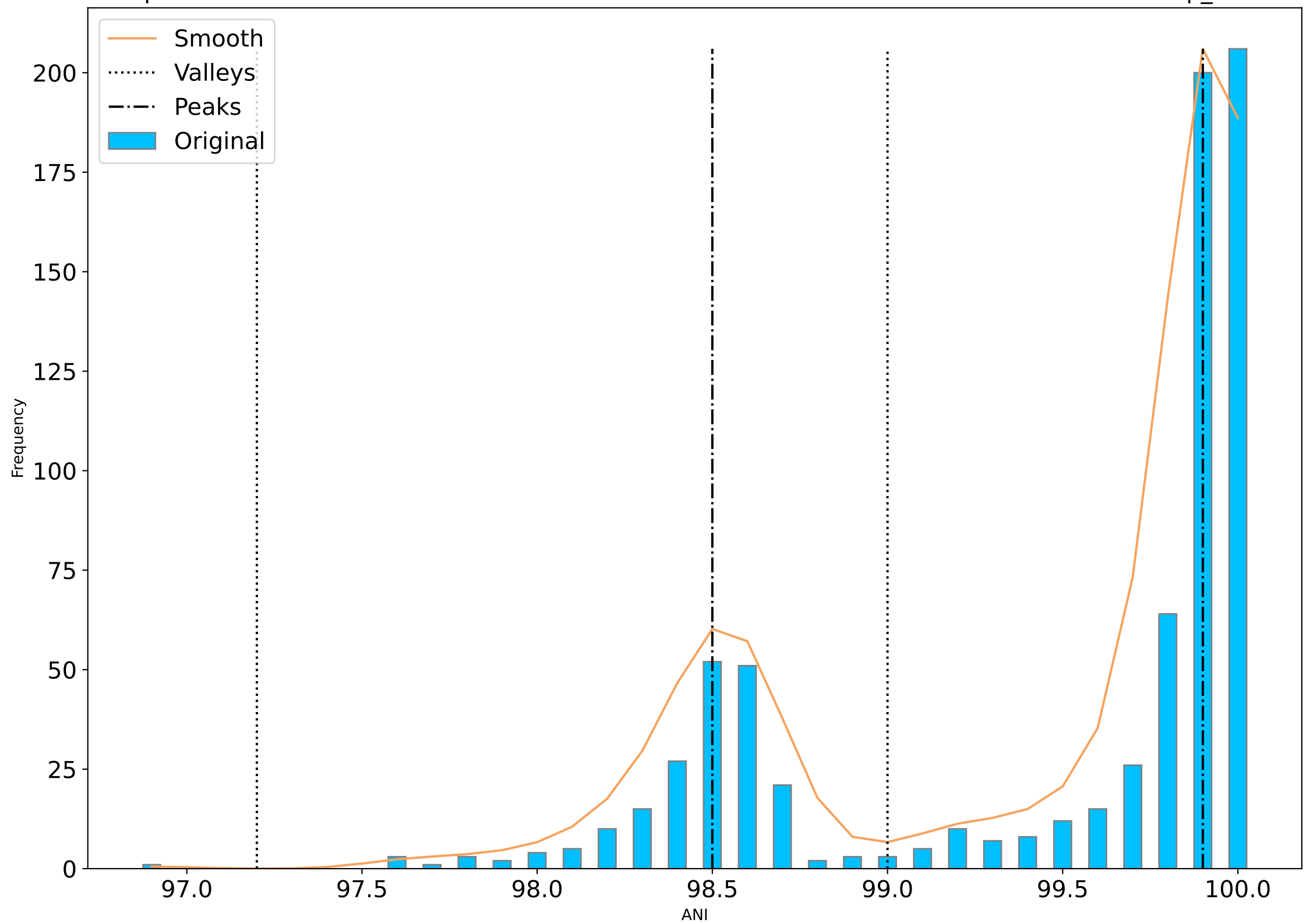
Species_1259
Group 3

Norm_test 1.890354596311591e-21
Dip_test 0.0



Species_1262
Group 1

Norm_test 1.1044969977286624e-23
Dip_test 0.0

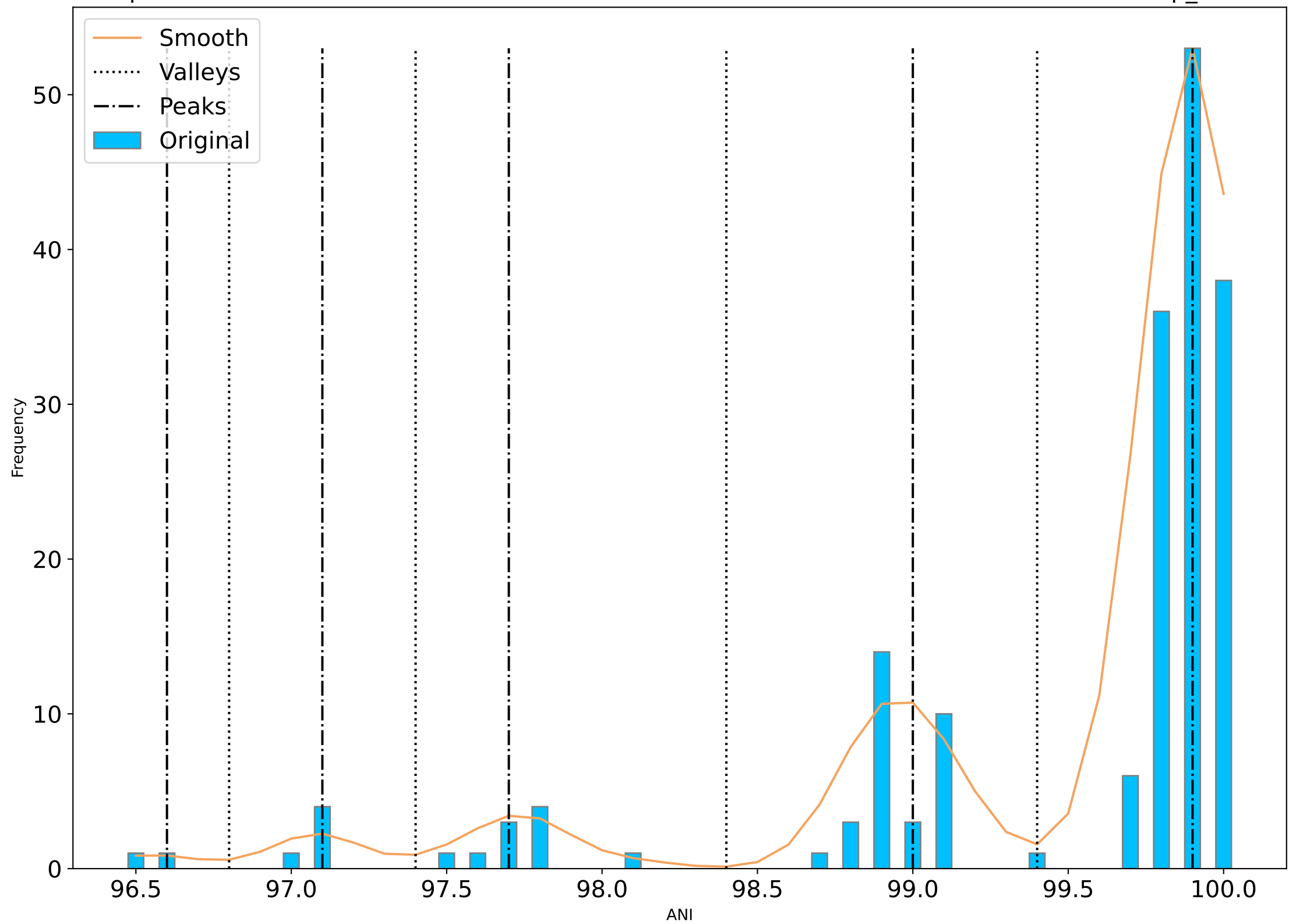


Species_1264

Group 1

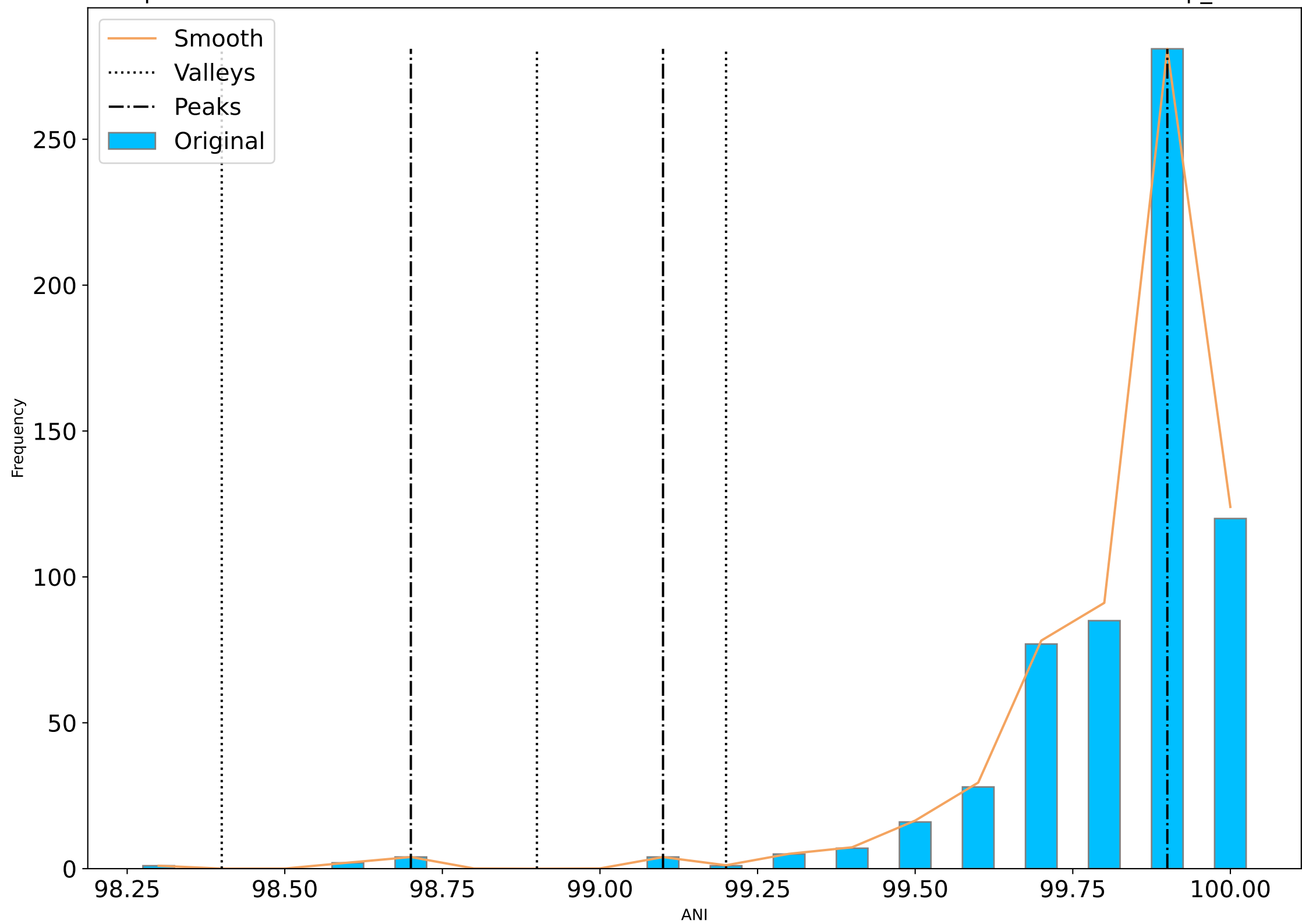
Norm_test 1.5703992209619982e-19

Dip_test 0.0



Species_1276
Group 2

Norm_test 8.585083266592385e-109
Dip_test 0.0

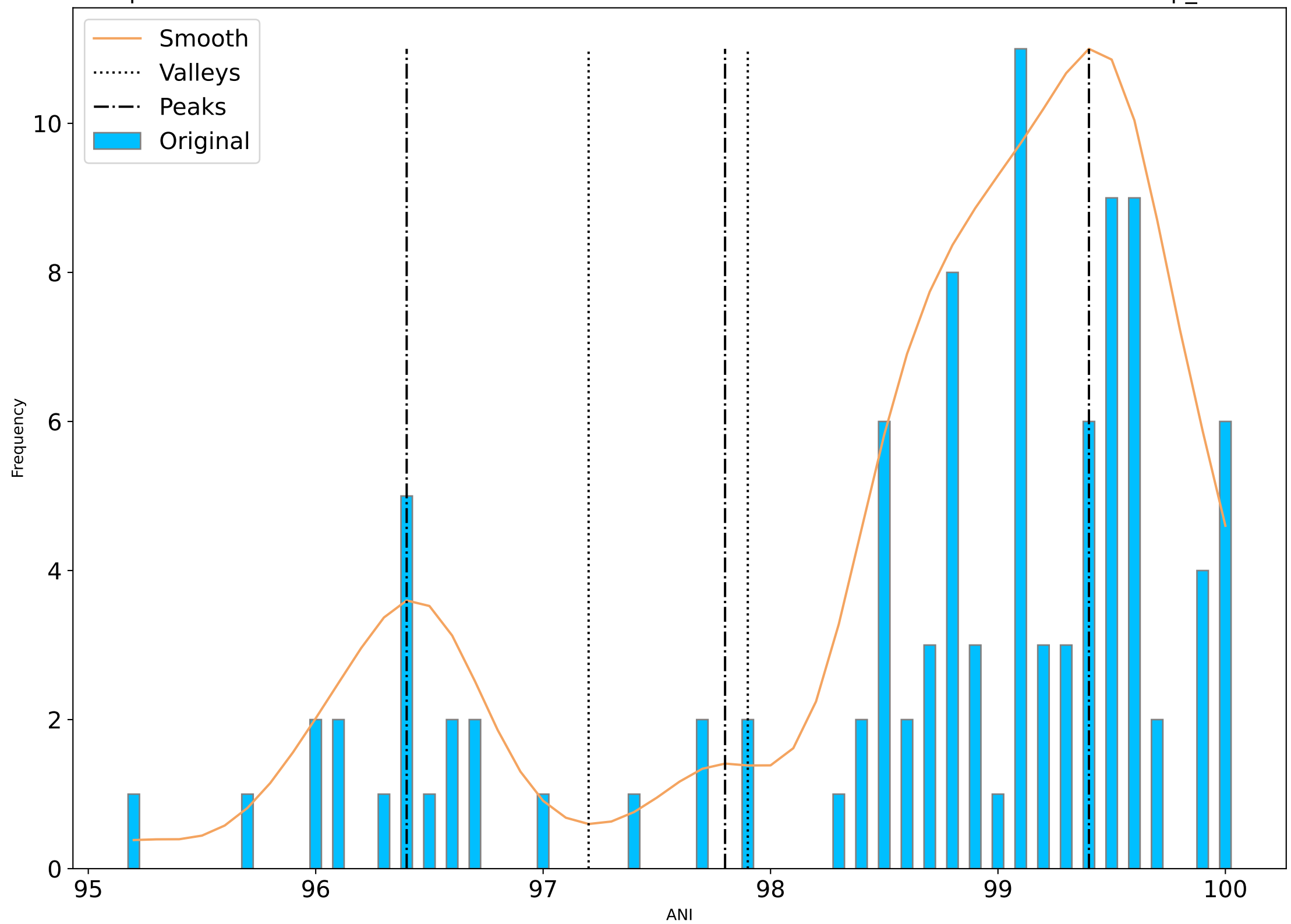


Species_1277

Group 4

Norm_test 0.00011782805459208112

Dip_test 0.0

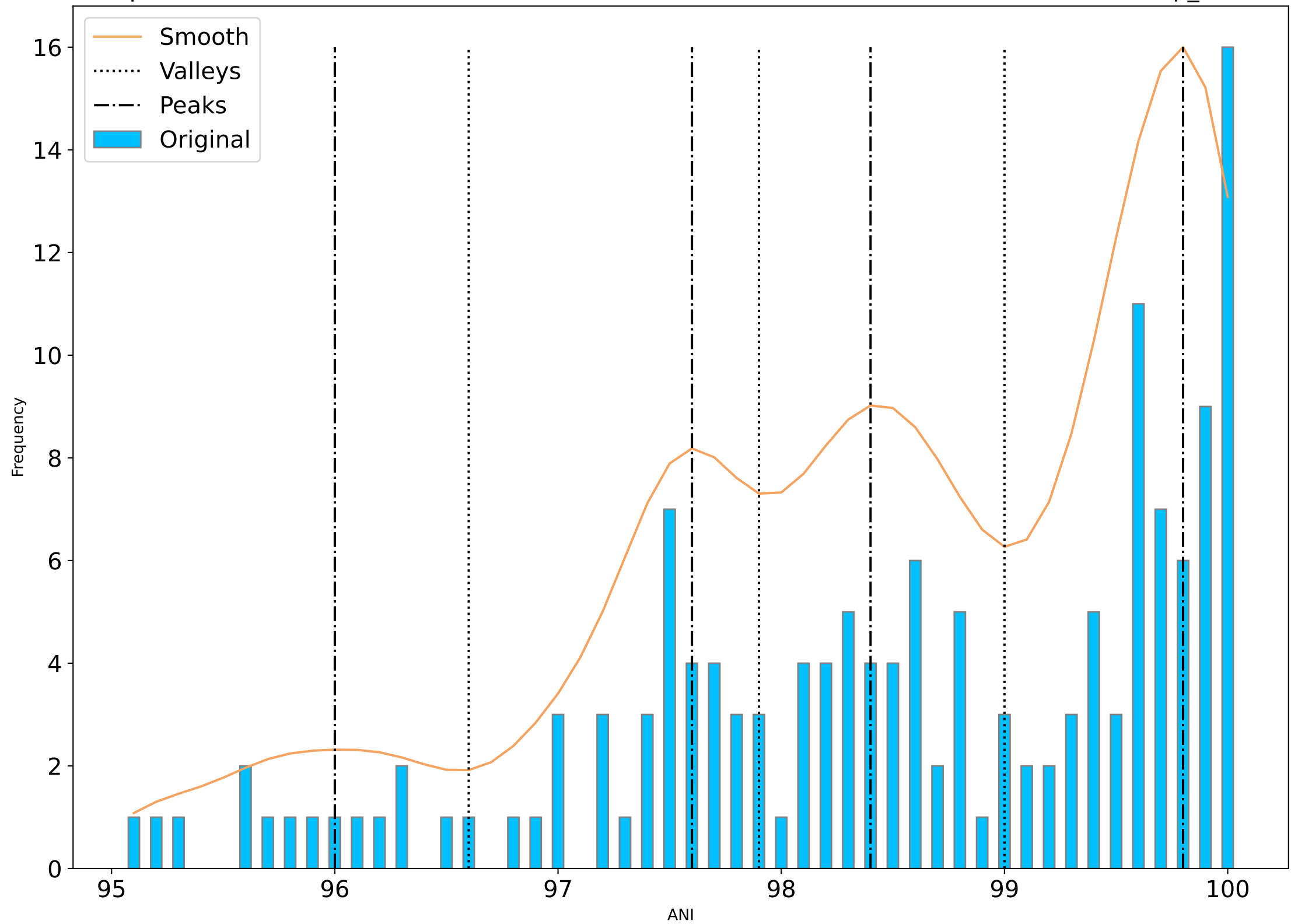


Species_1285

Group 1

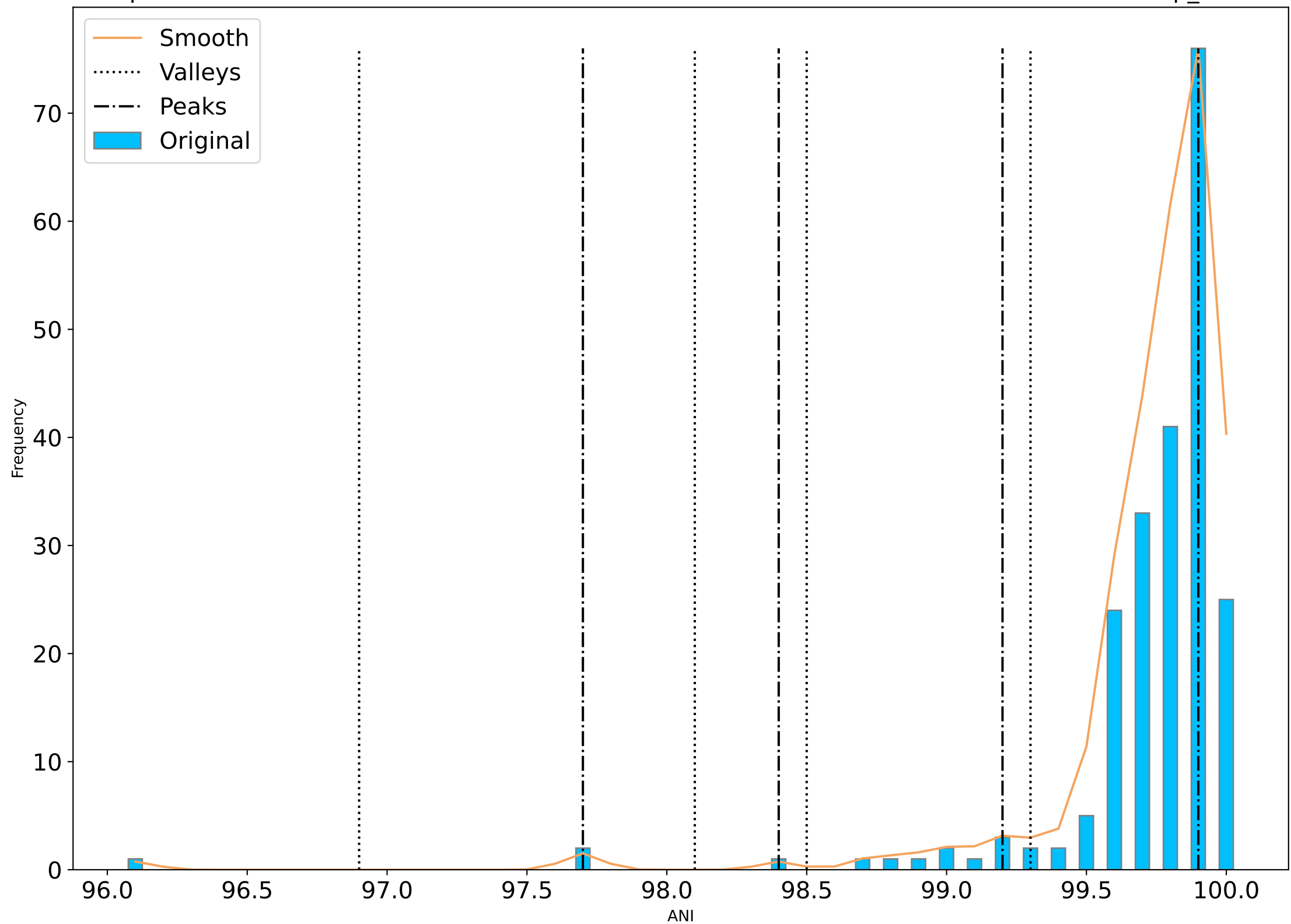
Norm_test 0.001927388993528454

Dip_test 0.0



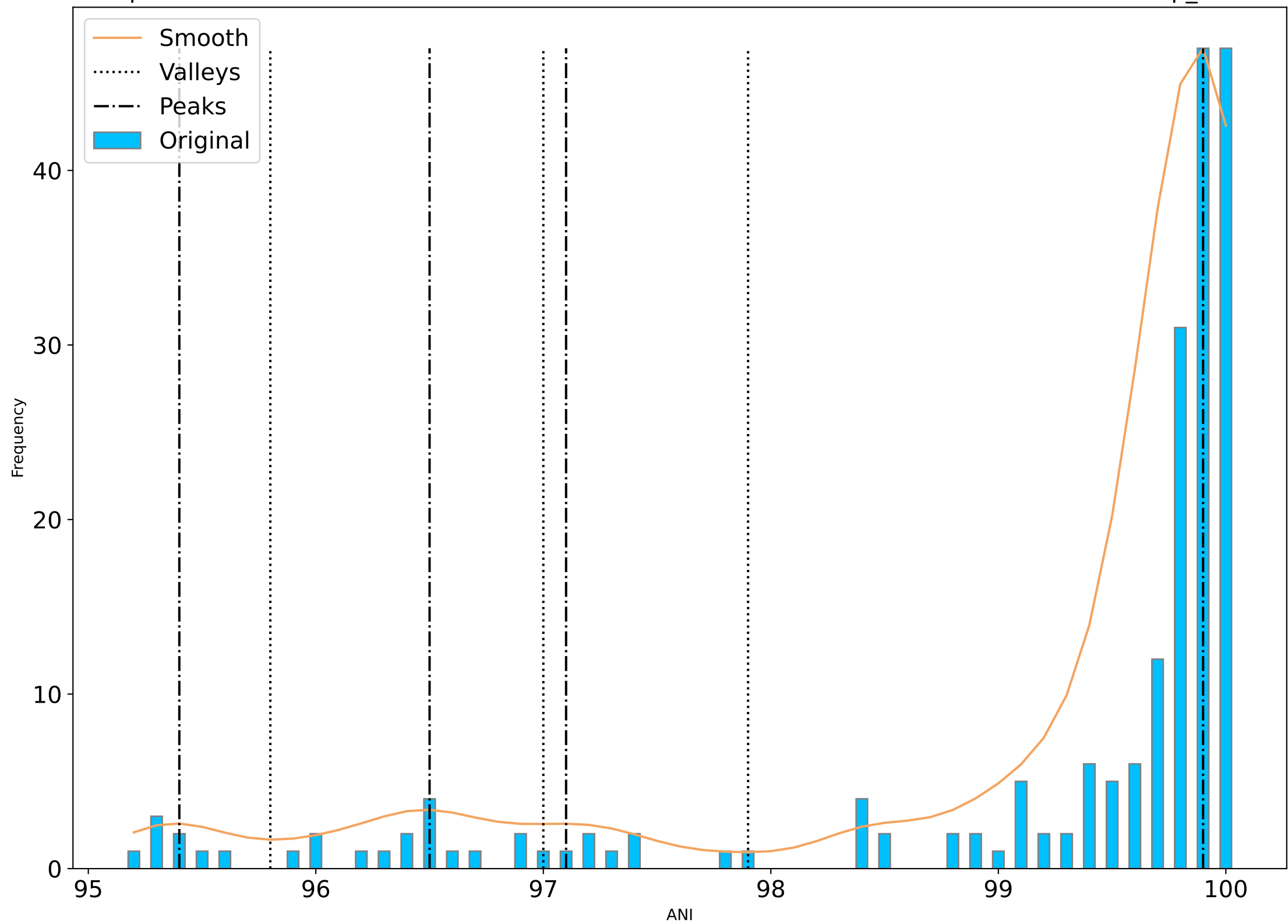
Species_1287
Group 2

Norm_test 1.1796757252412476e-61
Dip_test 0.0



Species_1292
Group 3

Norm_test 1.1370195463118147e-17
Dip_test 0.0

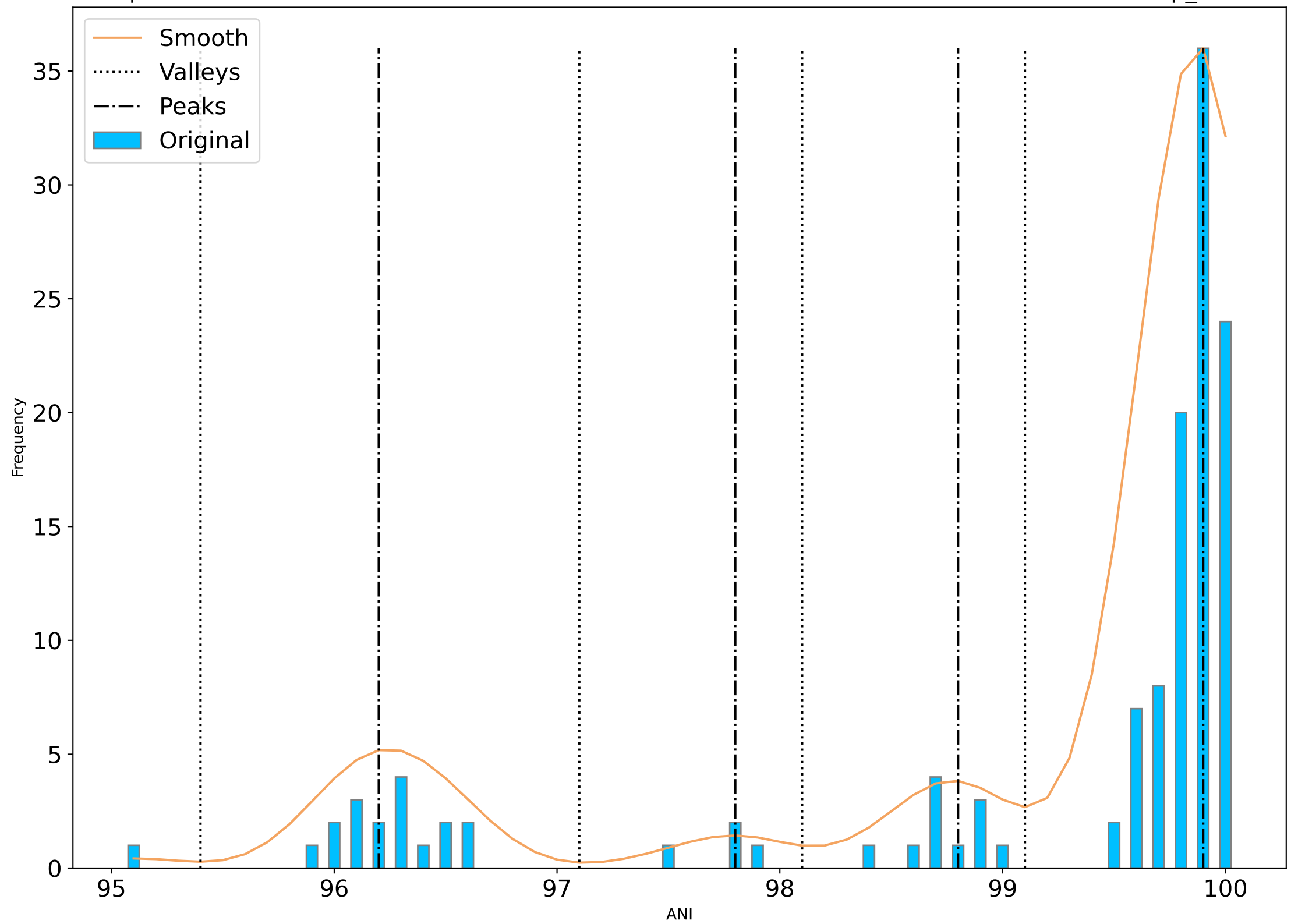


Species_1293

Group 1

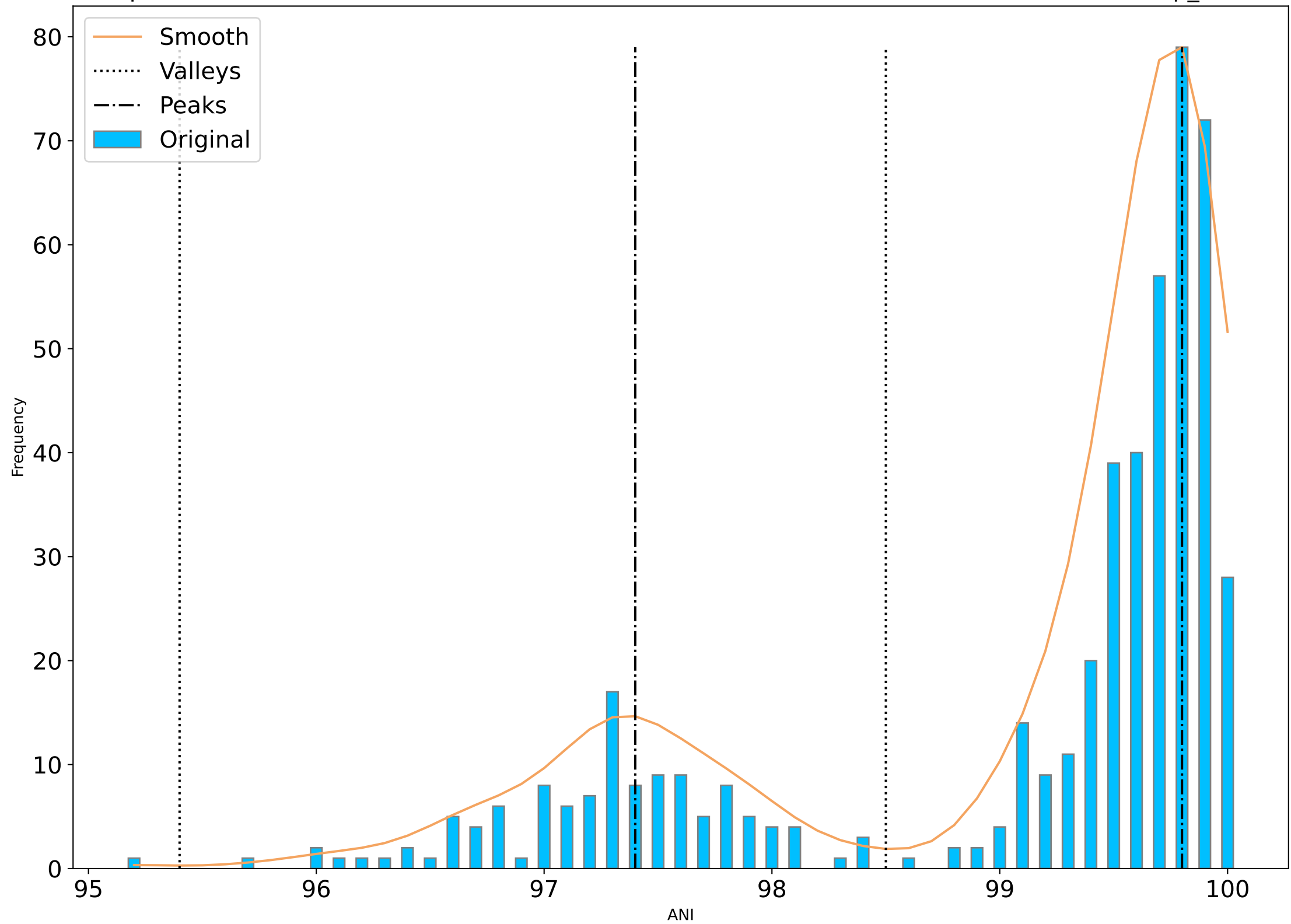
Norm_test 3.1698593863147255e-10

Dip_test 0.0



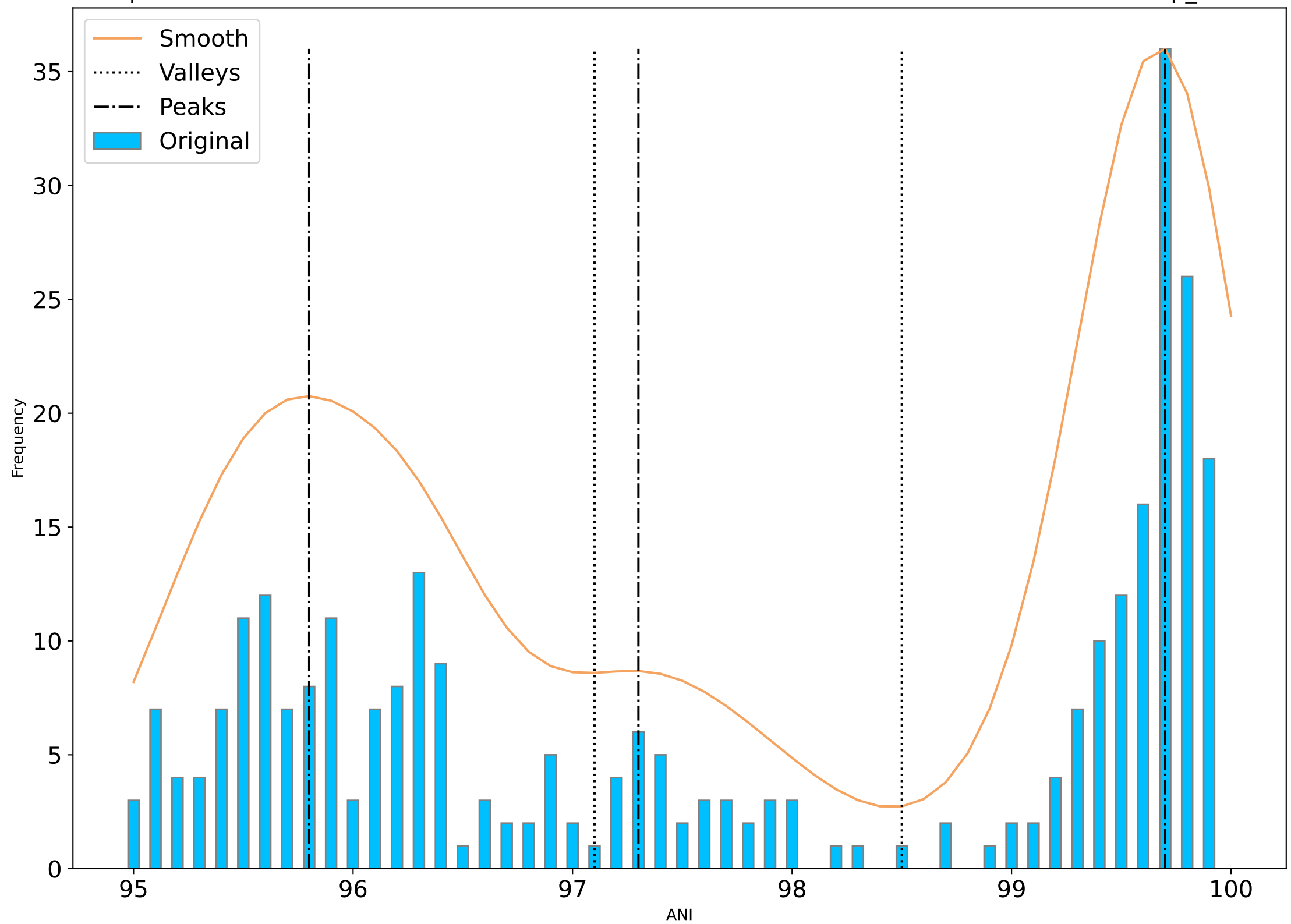
Species_1298
Group 3

Norm_test 3.923695920649571e-21
Dip_test 0.0



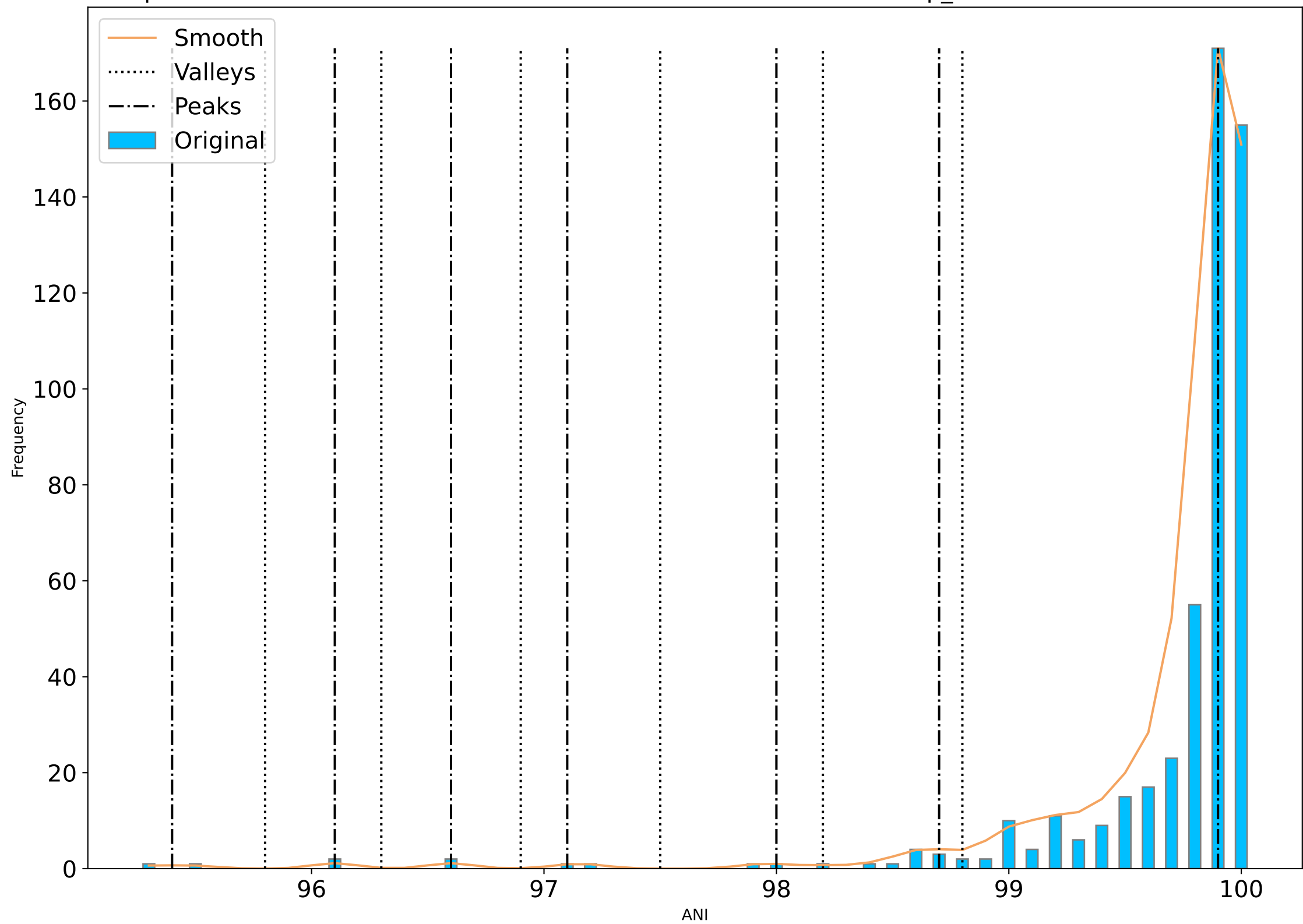
Species_1310
Group 3

Norm_test 0.0
Dip_test 0.0



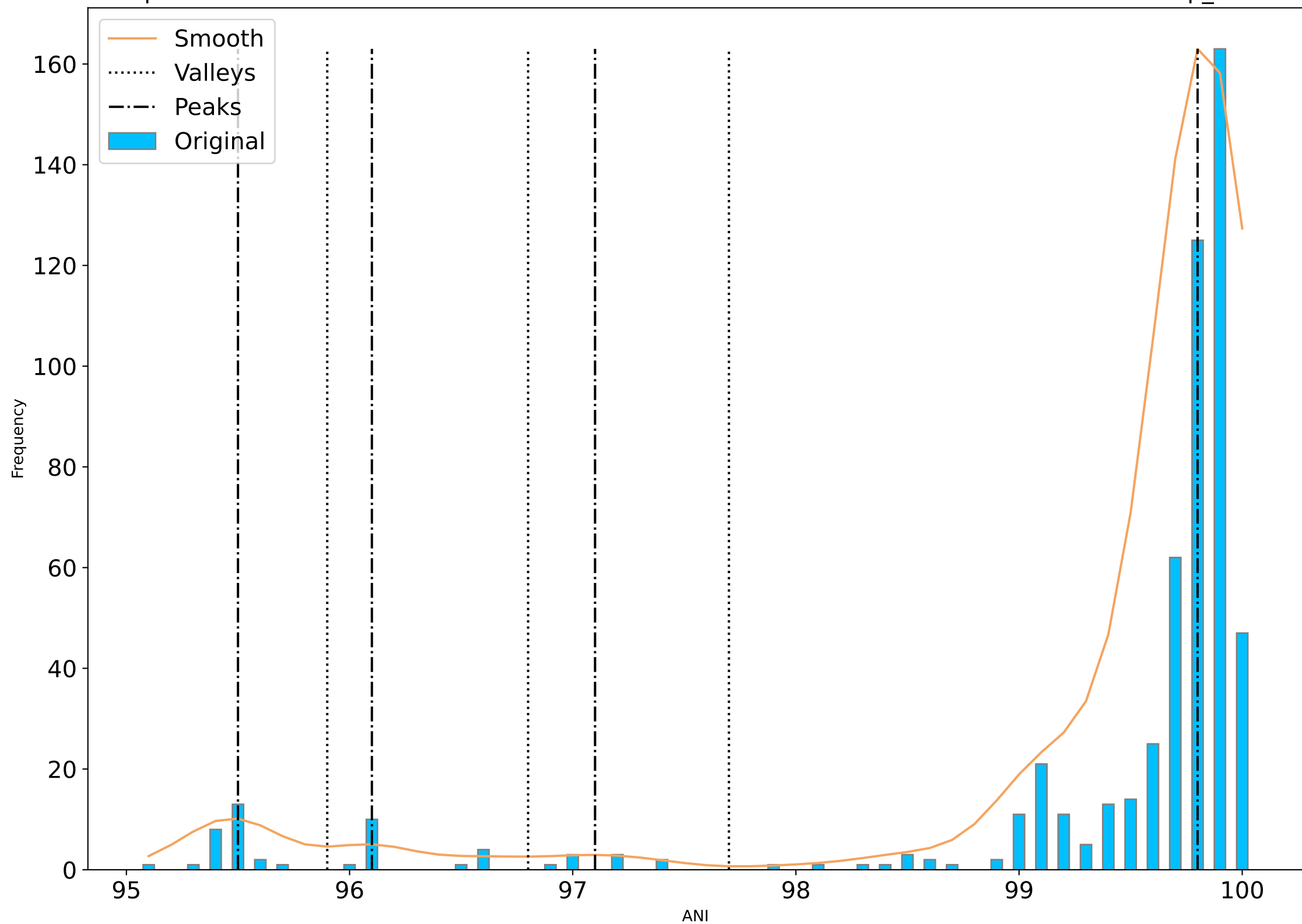
Species_1311
Group 2

Norm_test 4.998771566979927e-113
Dip_test 5.130236374850661e-05



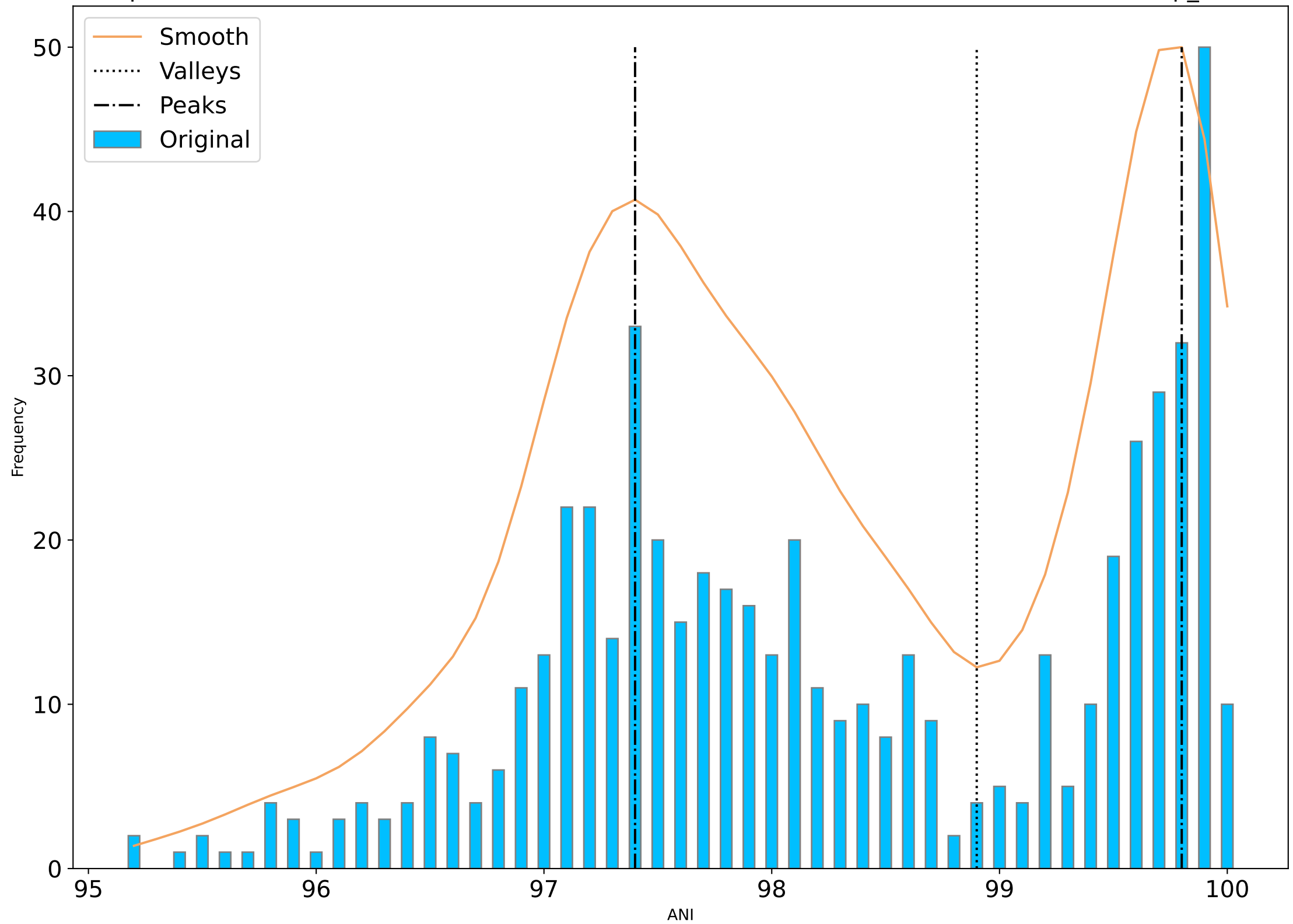
Species_1317
Group 3

Norm_test 5.014868595591805e-69
Dip_test 0.0



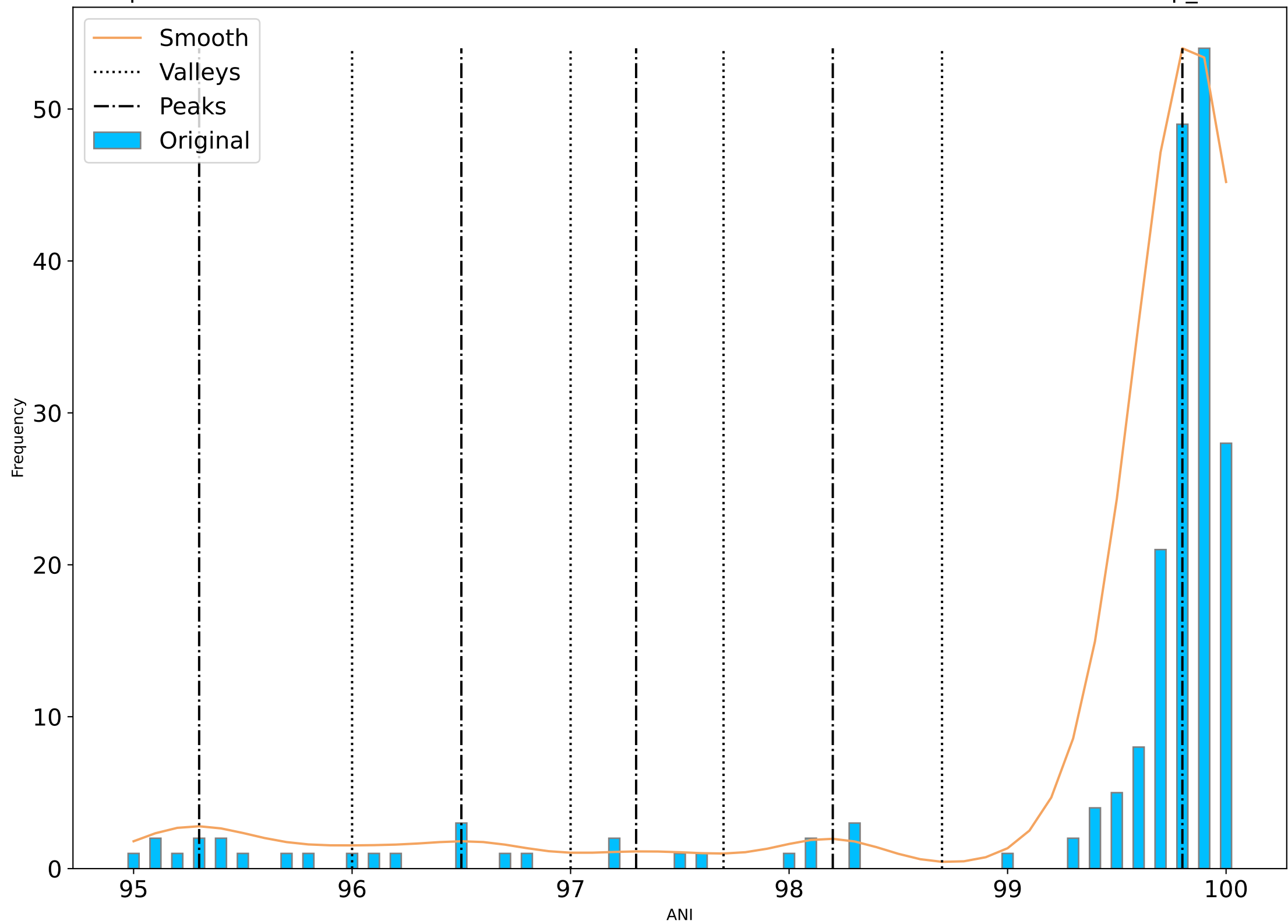
Species_1324
Group 1

Norm_test 2.228317993511094e-39
Dip_test 0.0



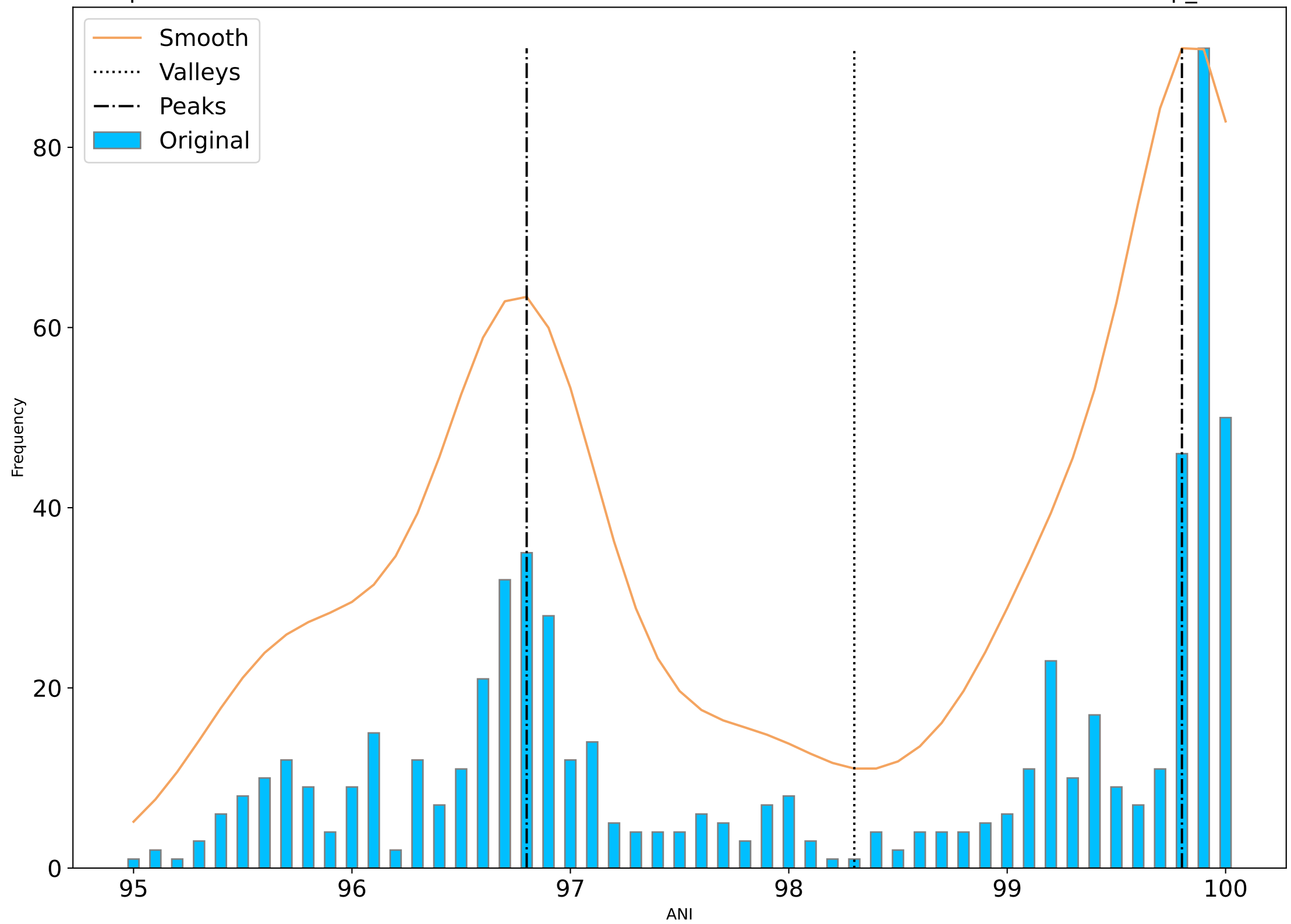
Species_1340
Group 3

Norm_test 3.9328448466961785e-24
Dip_test 0.0



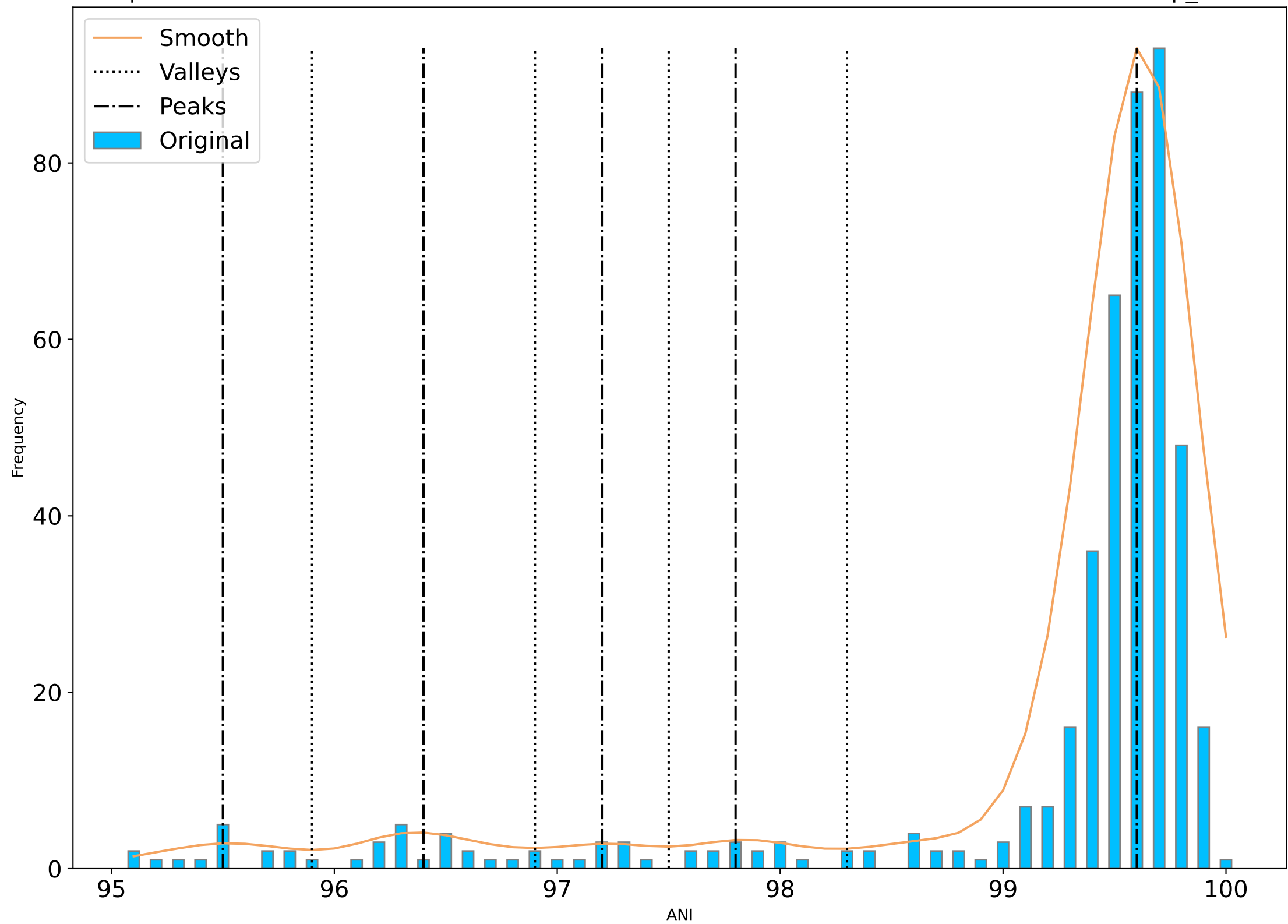
Species_1342
Group 3

Norm_test 0.0
Dip_test 0.0



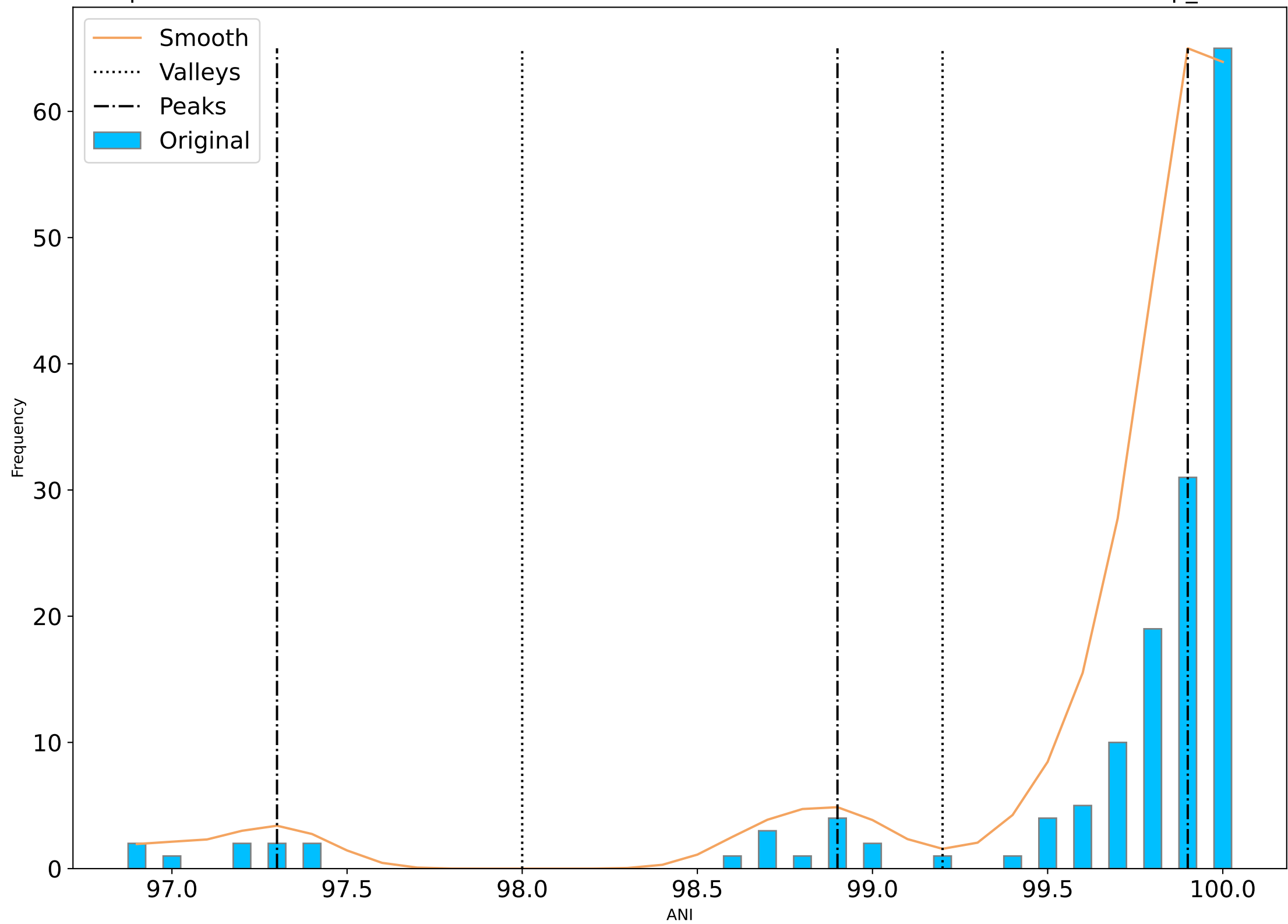
Species_1368
Group 3

Norm_test 2.7496624733070045e-50
Dip_test 0.0



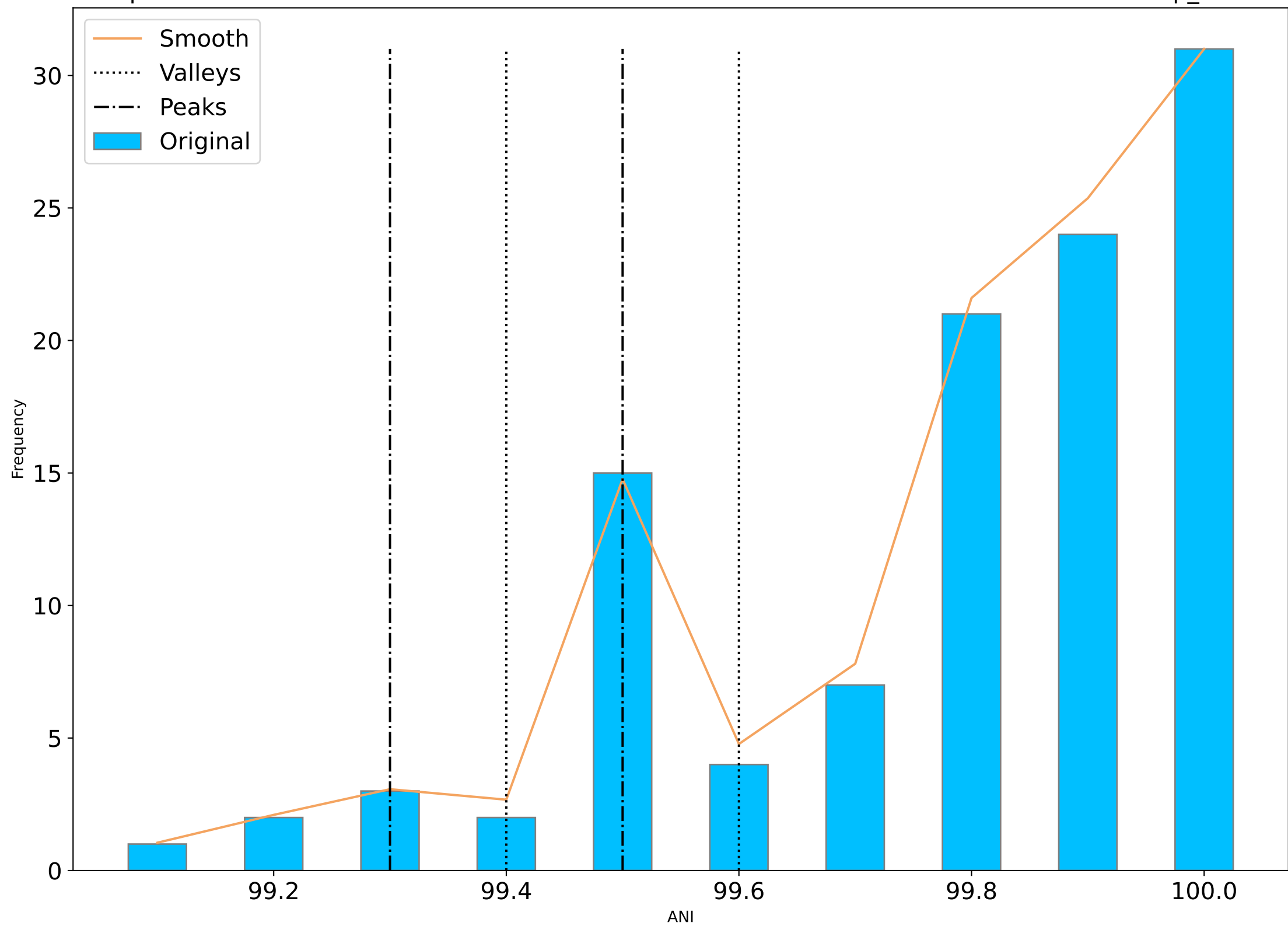
Species_1370
Group 2

Norm_test 7.197068442138658e-25
Dip_test 0.0



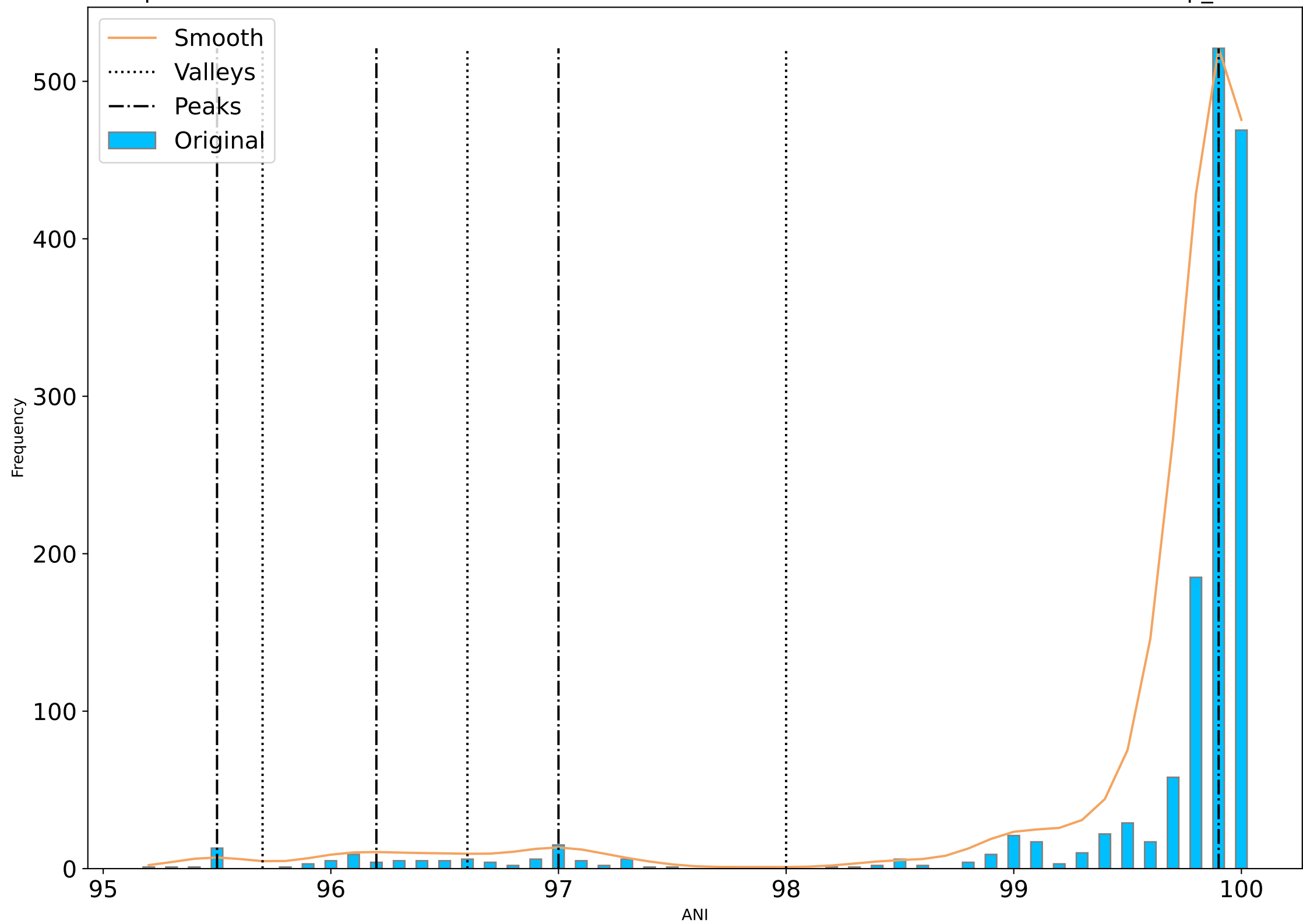
Species_1371
Group 2

Norm_test 9.666505513460132e-05
Dip_test 0.0



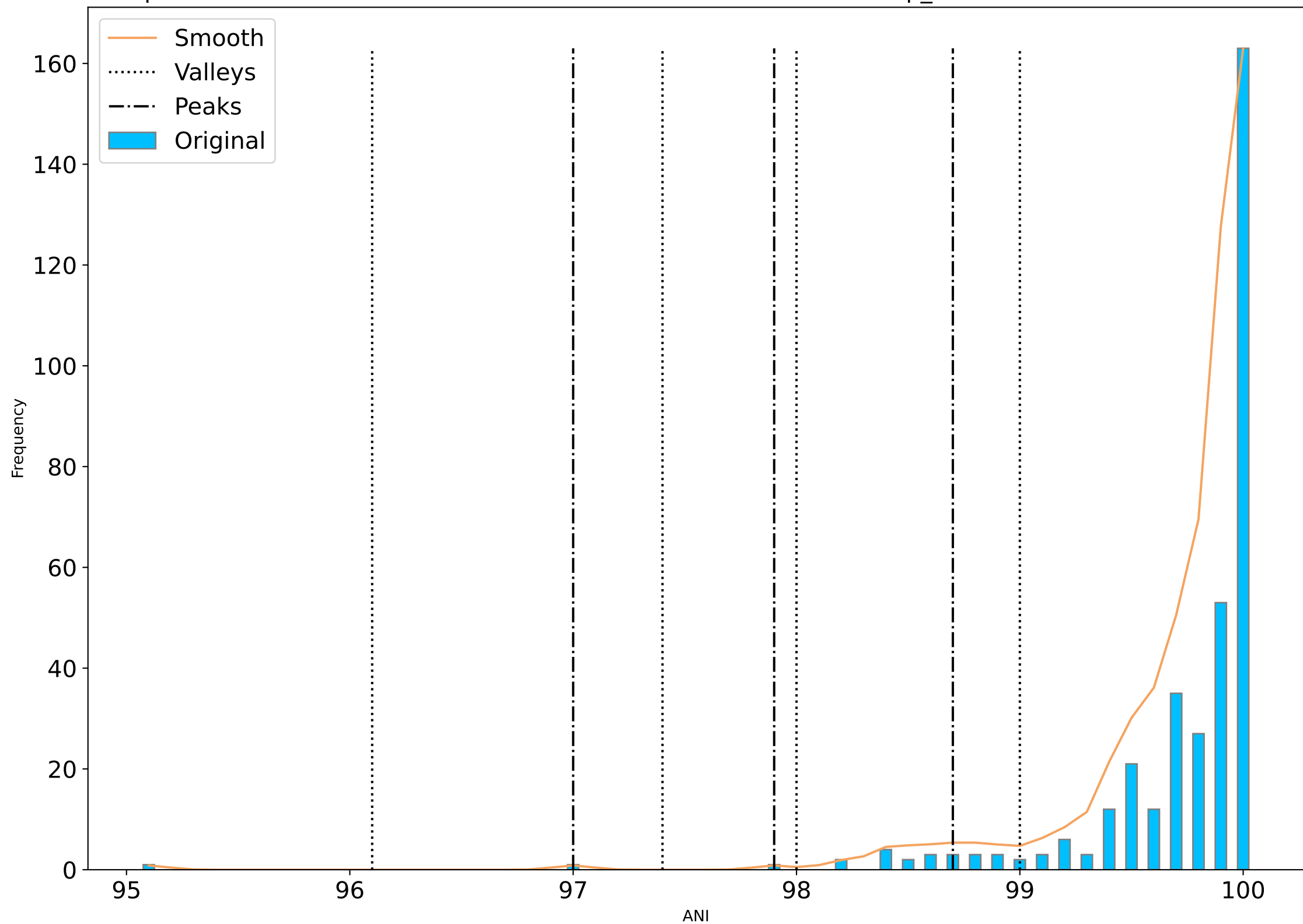
Species_1373
Group 2

Norm_test 2.625722049730258e-215
Dip_test 0.0



Species_1375
Group 2

Norm_test 8.87227839284988e-81
Dip_test 0.00012222771369441165

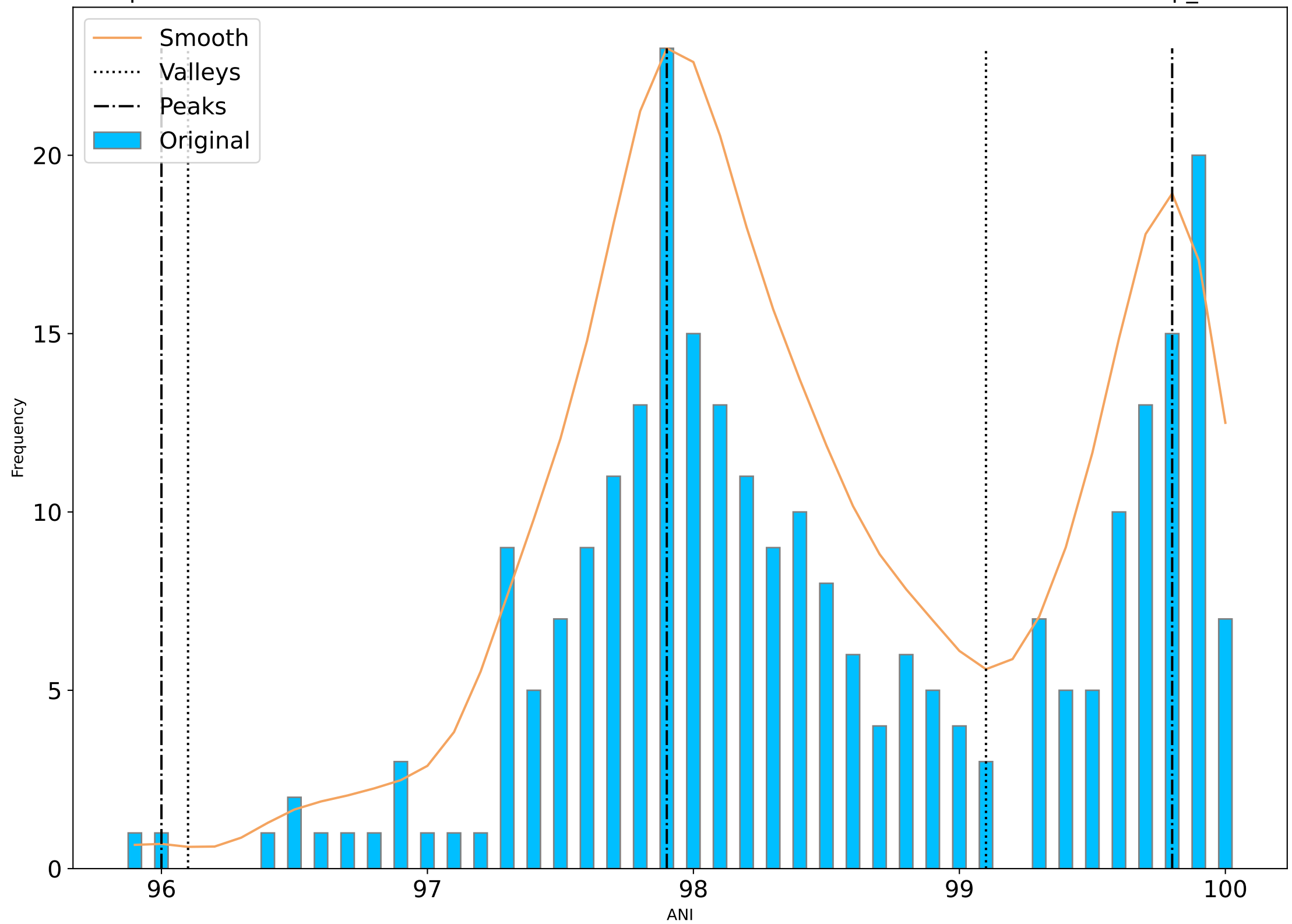


Species_1376

Group 1

Norm_test 2.7382998494801244e-06

Dip_test 0.0

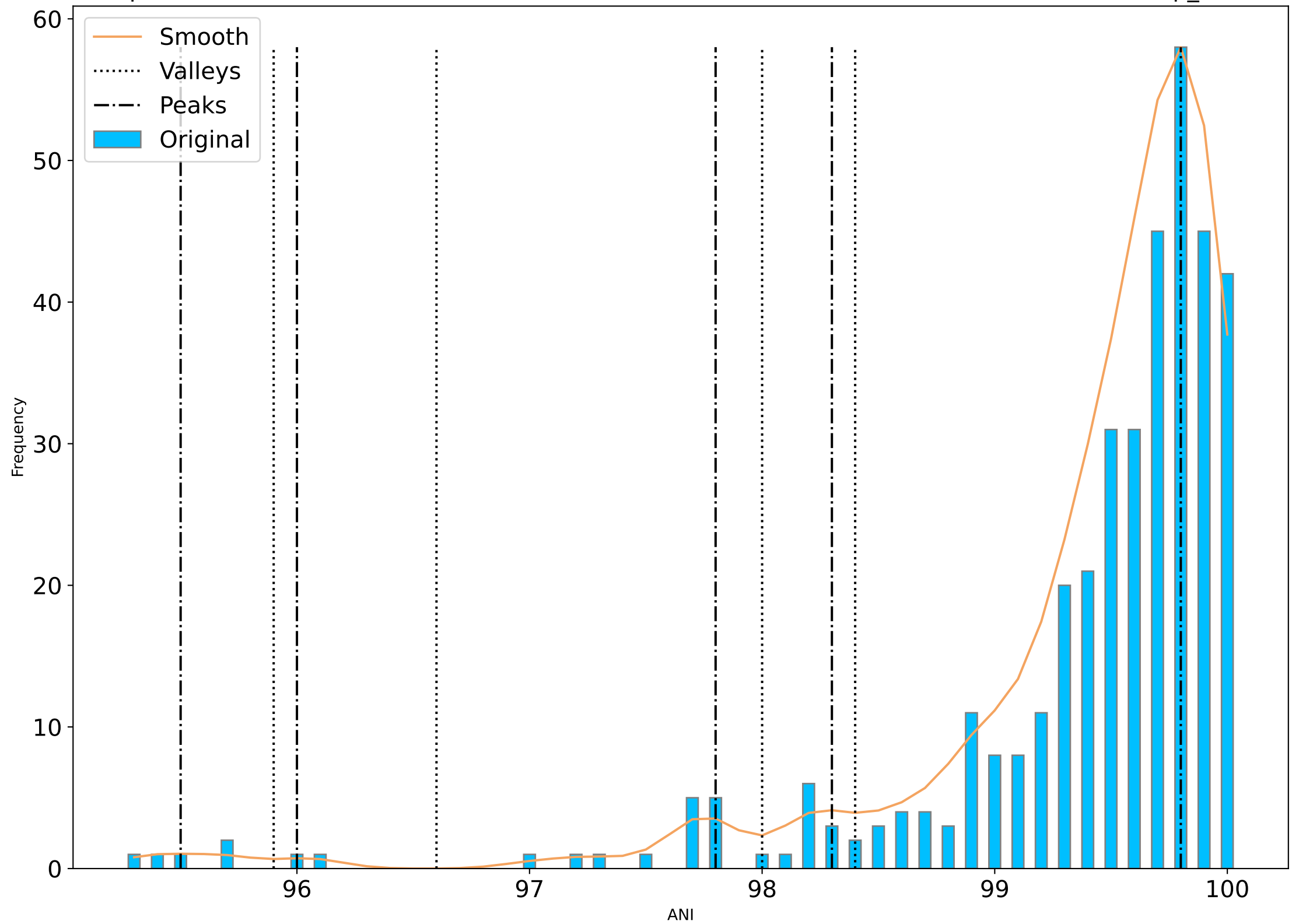


Species_1377

Group 3

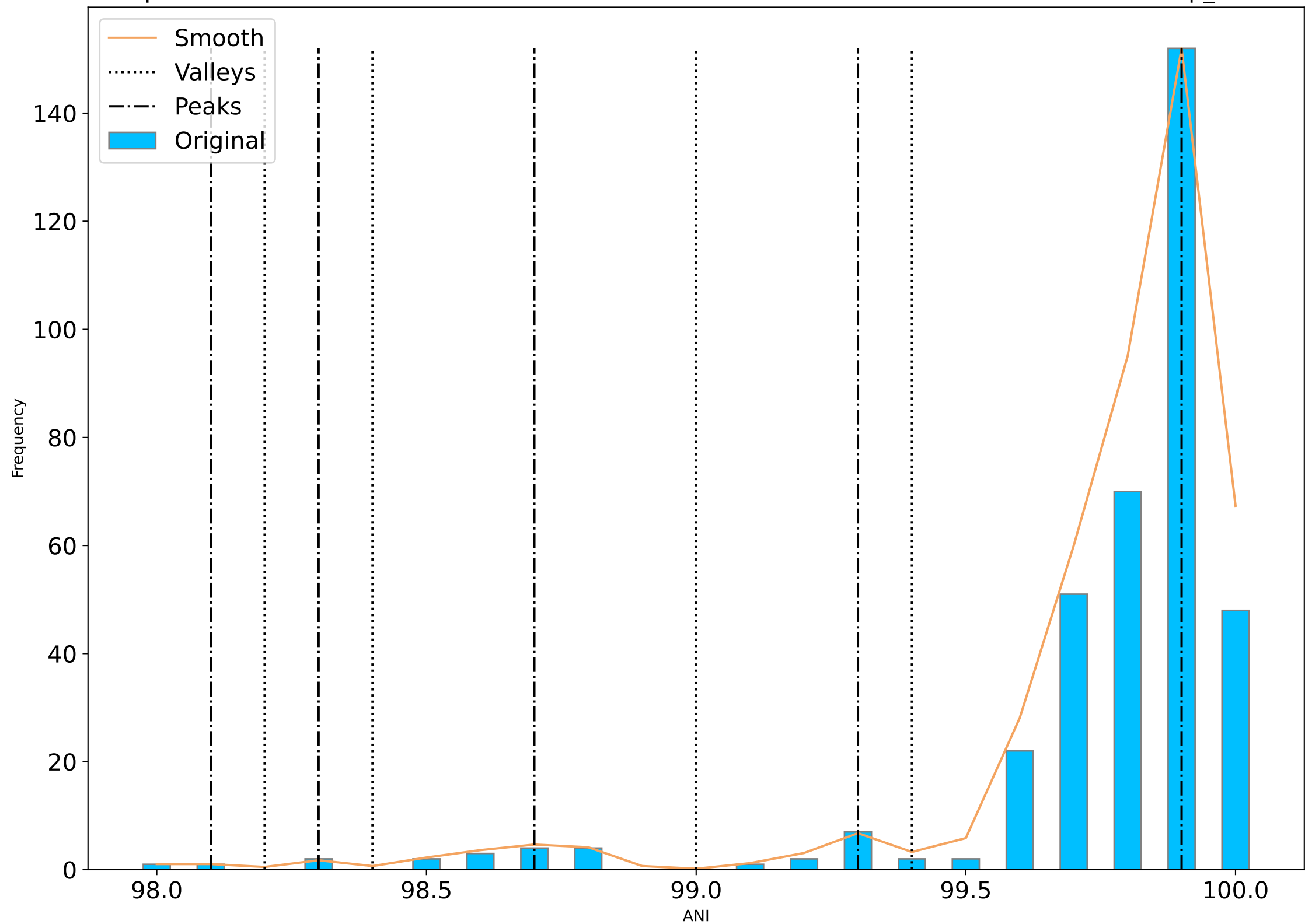
Norm_test 1.2343507526121077e-55

Dip_test 0.0



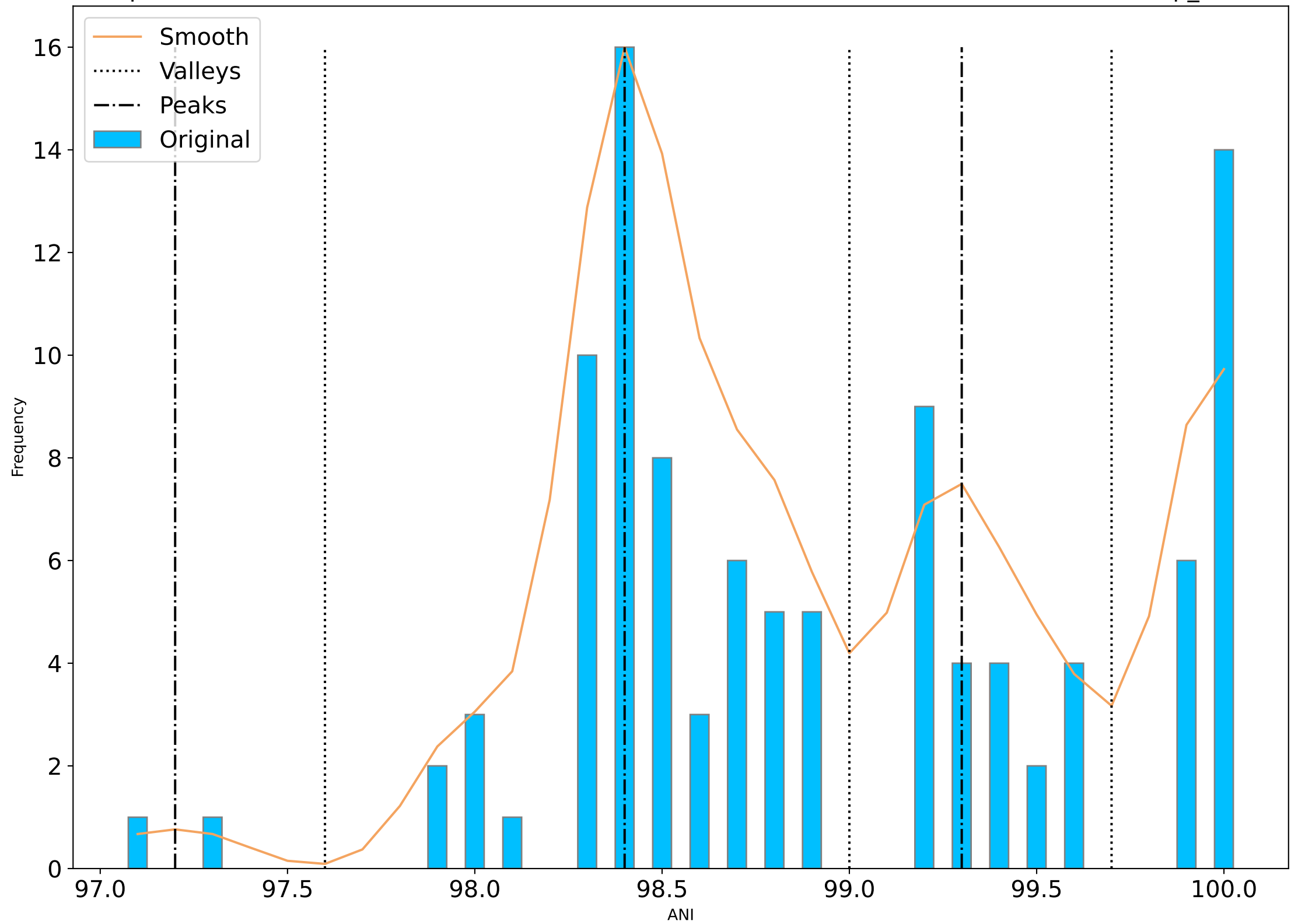
Species_1381
Group 2

Norm_test 1.88774961415134e-61
Dip_test 0.0



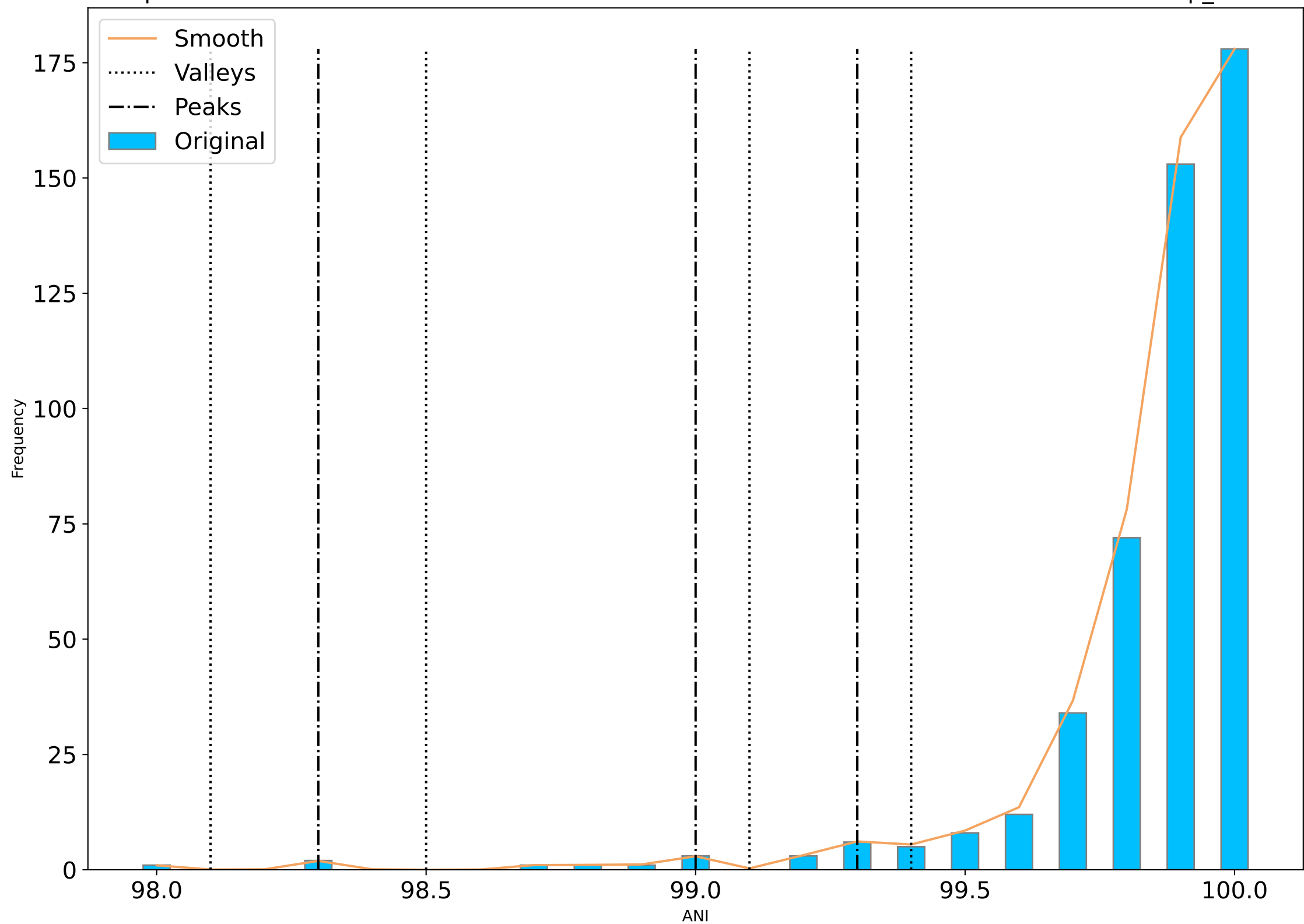
Species_1387
Group 3

Norm_test 0.12123430802807564
Dip_test 0.0



Species_1388
Group 2

Norm_test 7.530564493024021e-98
Dip_test 0.0

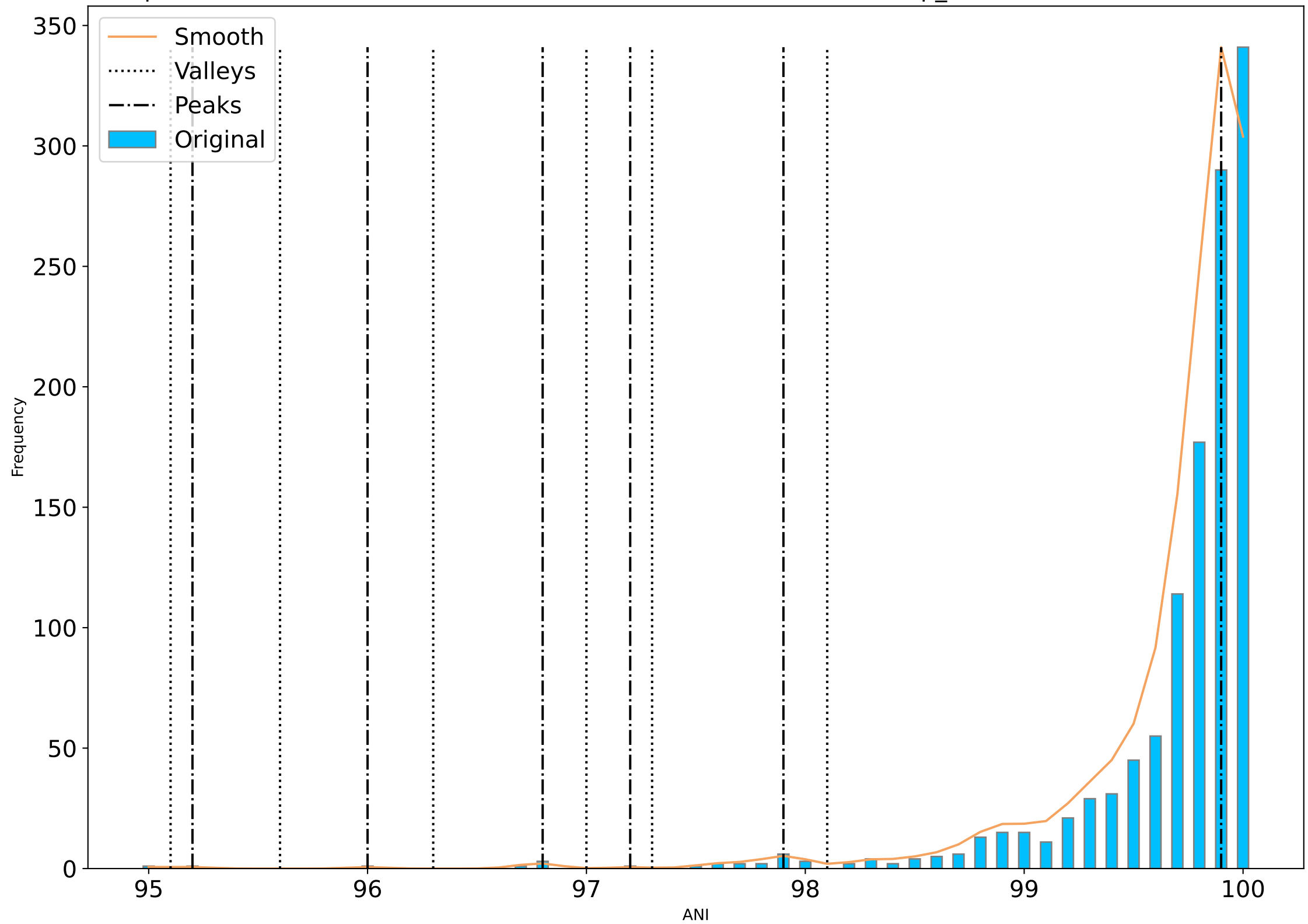


Species_1419

Group 2

Norm_test 1.5422634171919274e-230

Dip_test 0.0006348636977333566

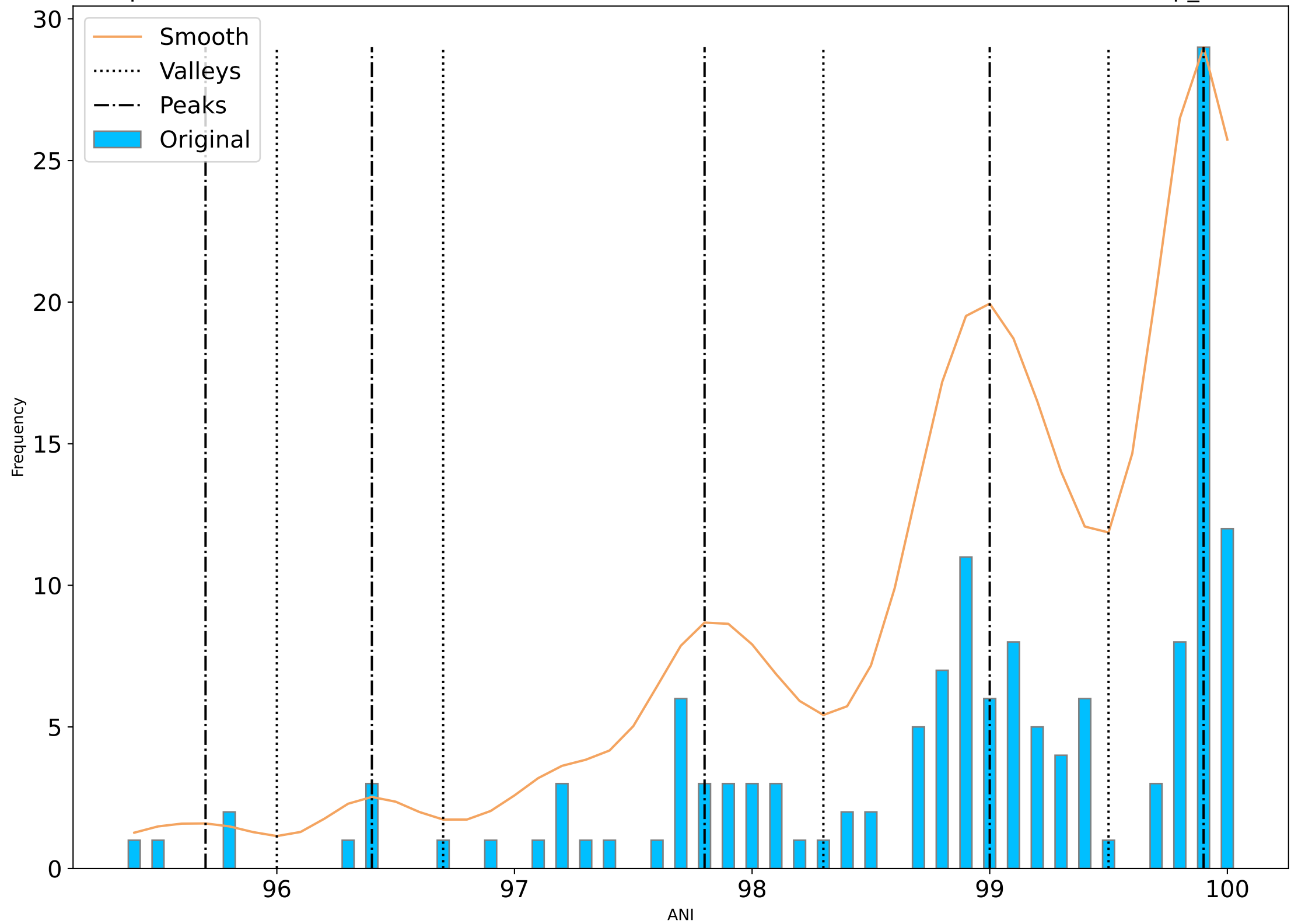


Species_1421

Group 1

Norm_test 7.262432889114909e-07

Dip_test 0.0

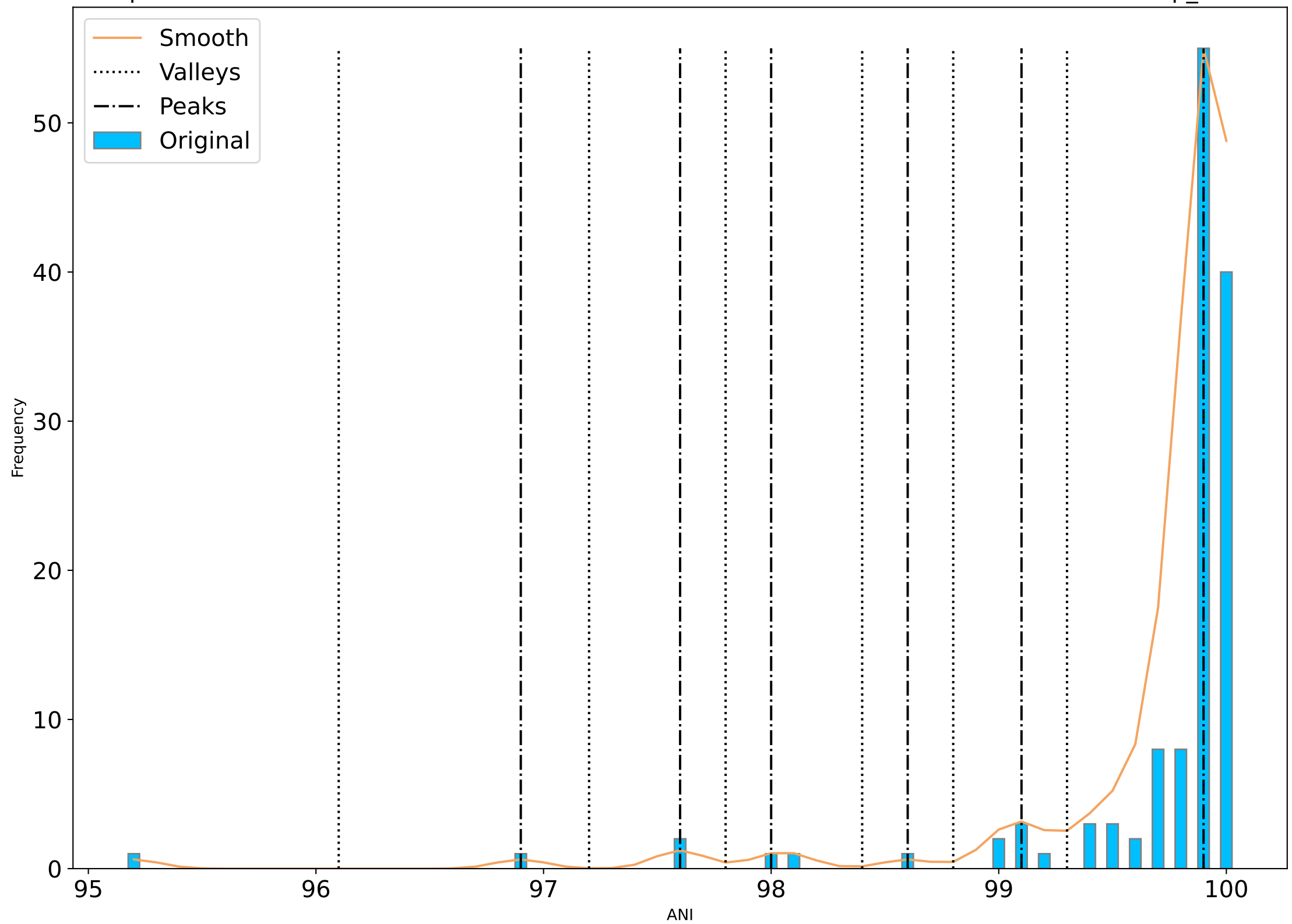


Species_1428

Group 2

Norm_test 2.281816156606249e-34

Dip_test 0.0

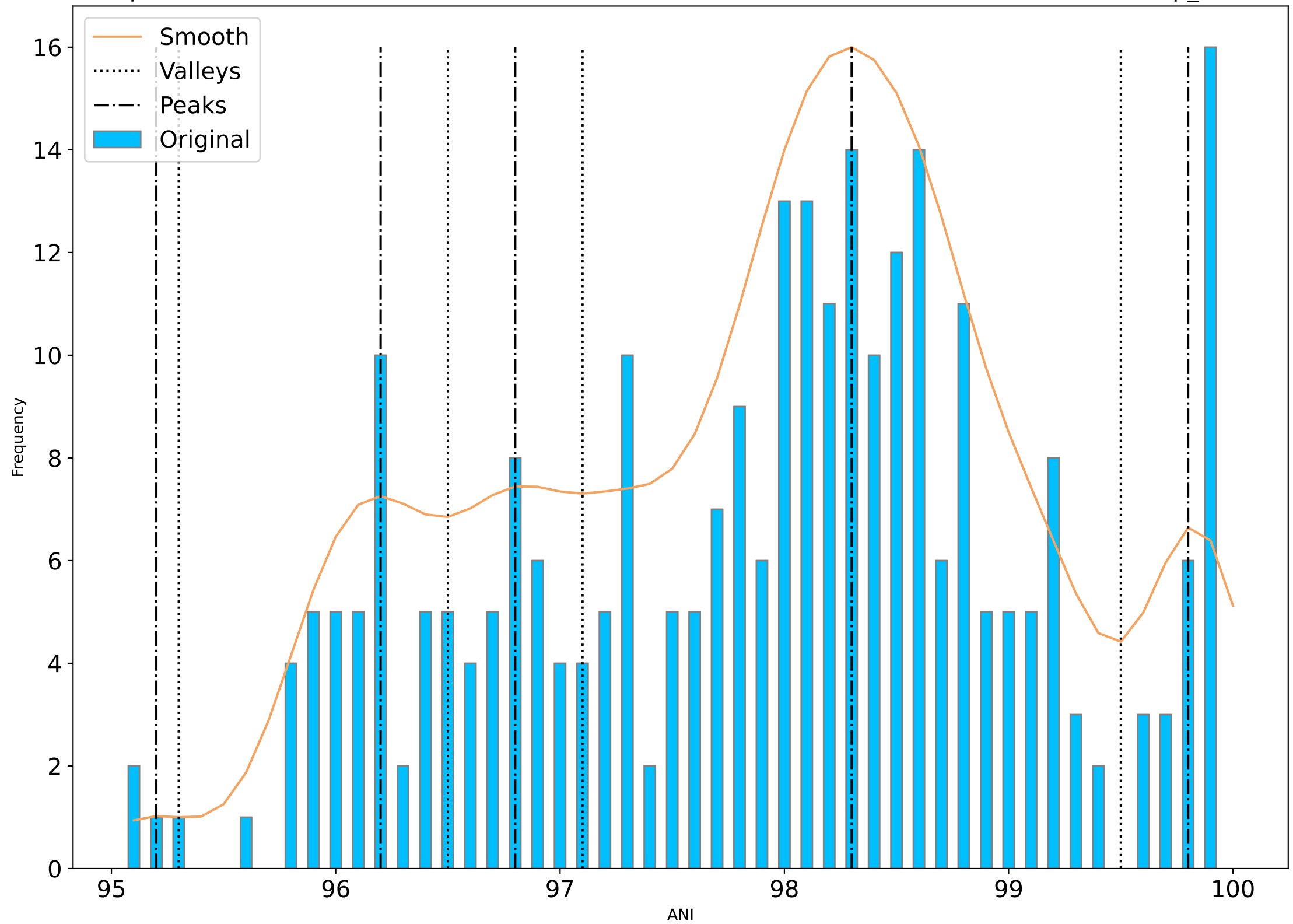


Species_1437

Group 1

Norm_test 0.0011187170273881267

Dip_test 0.0

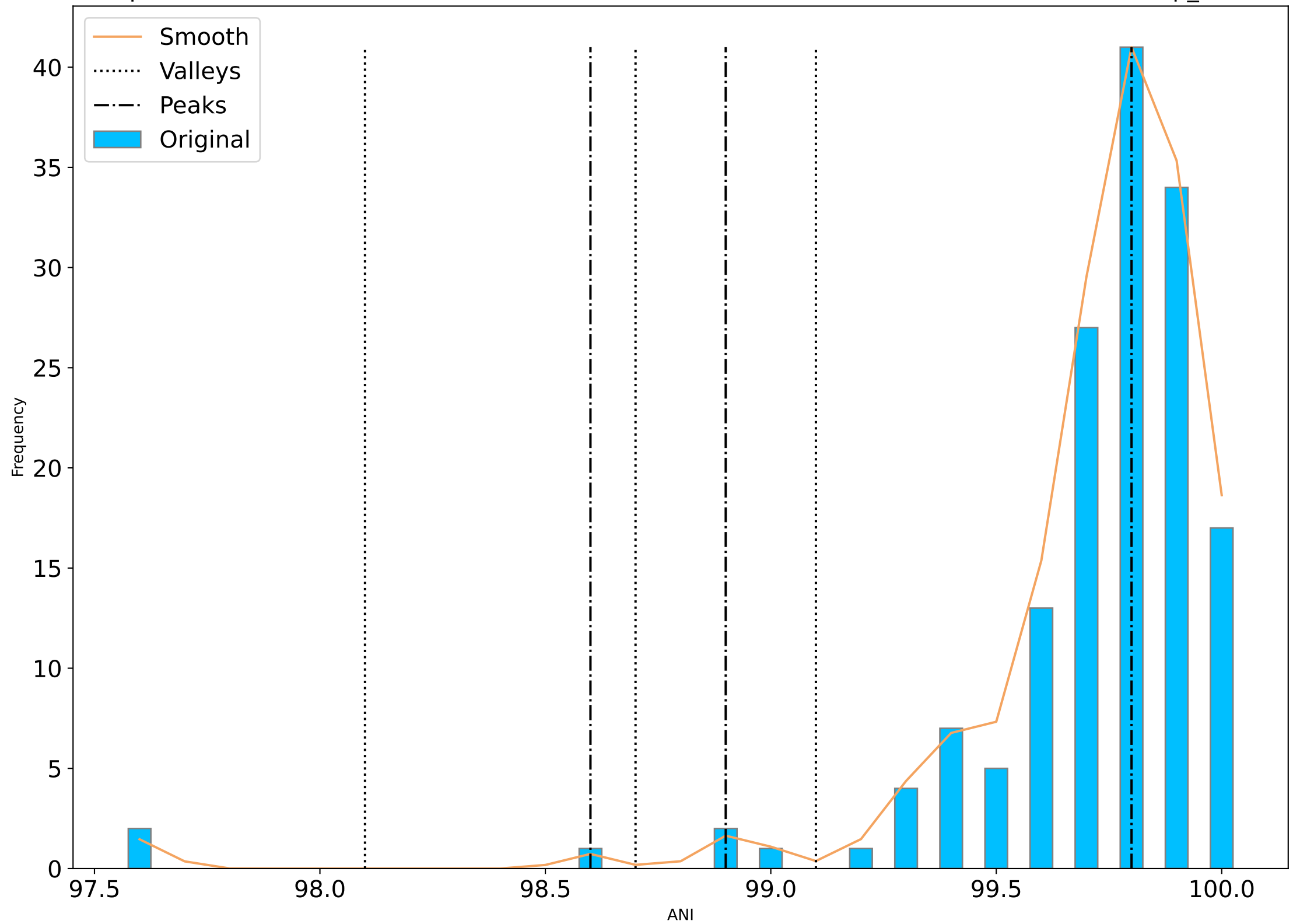


Species_1443

Group 2

Norm_test 5.7223300887091225e-36

Dip_test 0.0

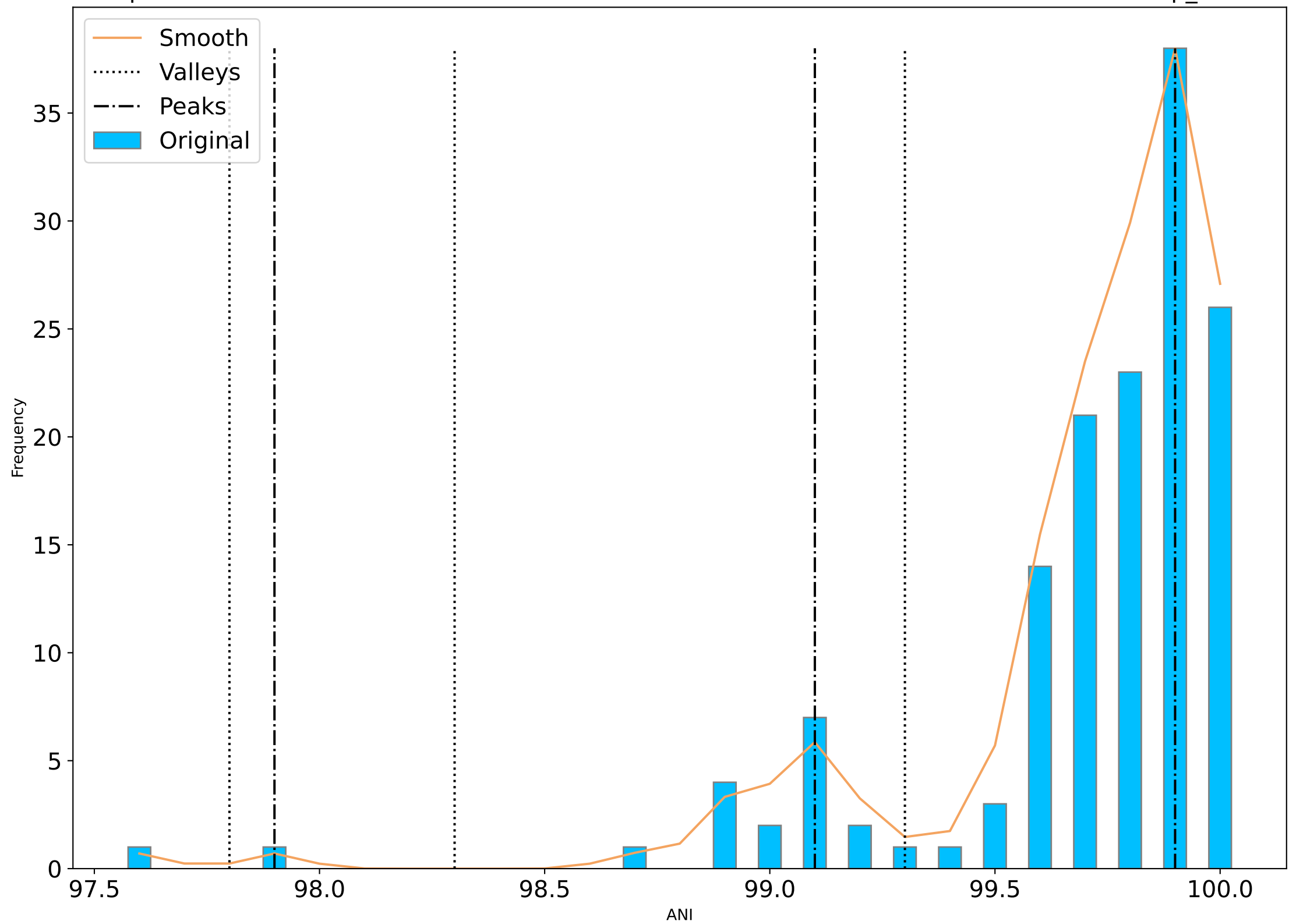


Species_1449

Group 2

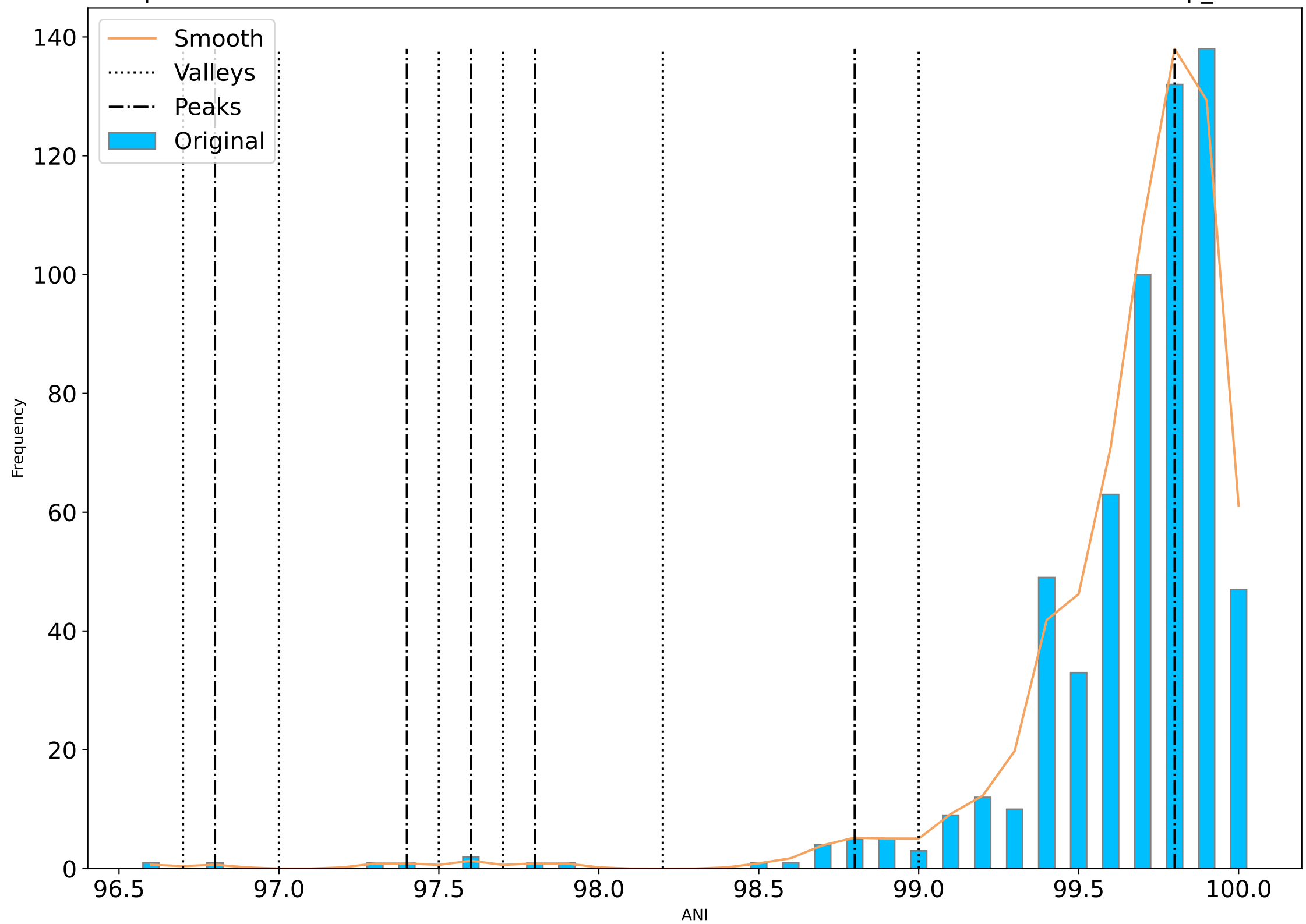
Norm_test 6.521871646820734e-24

Dip_test 0.0



Species_1459
Group 2

Norm_test 1.5875566158635545e-118
Dip_test 0.0

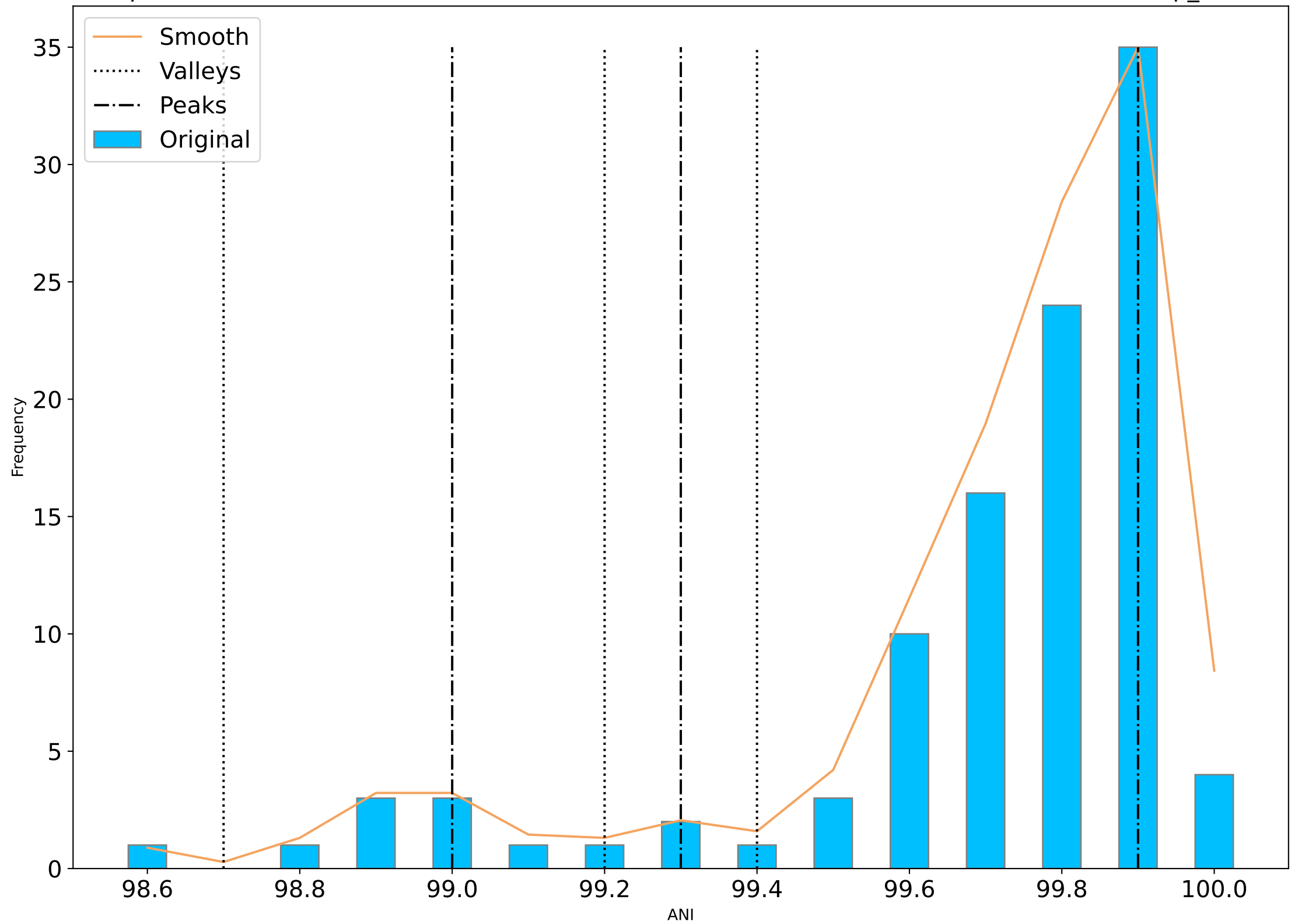


Species_1463

Group 2

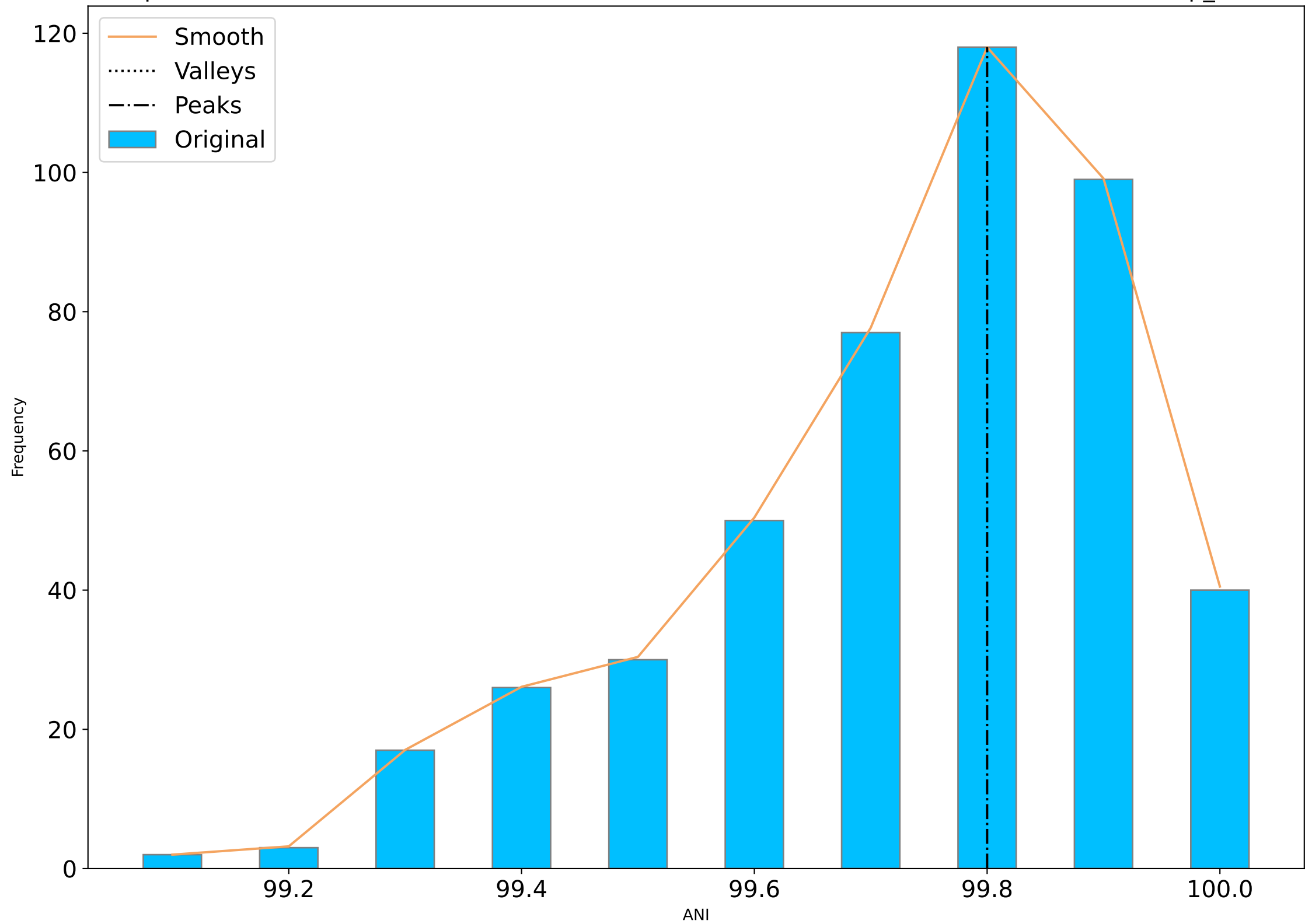
Norm_test 3.468292299811974e-11

Dip_test 0.0



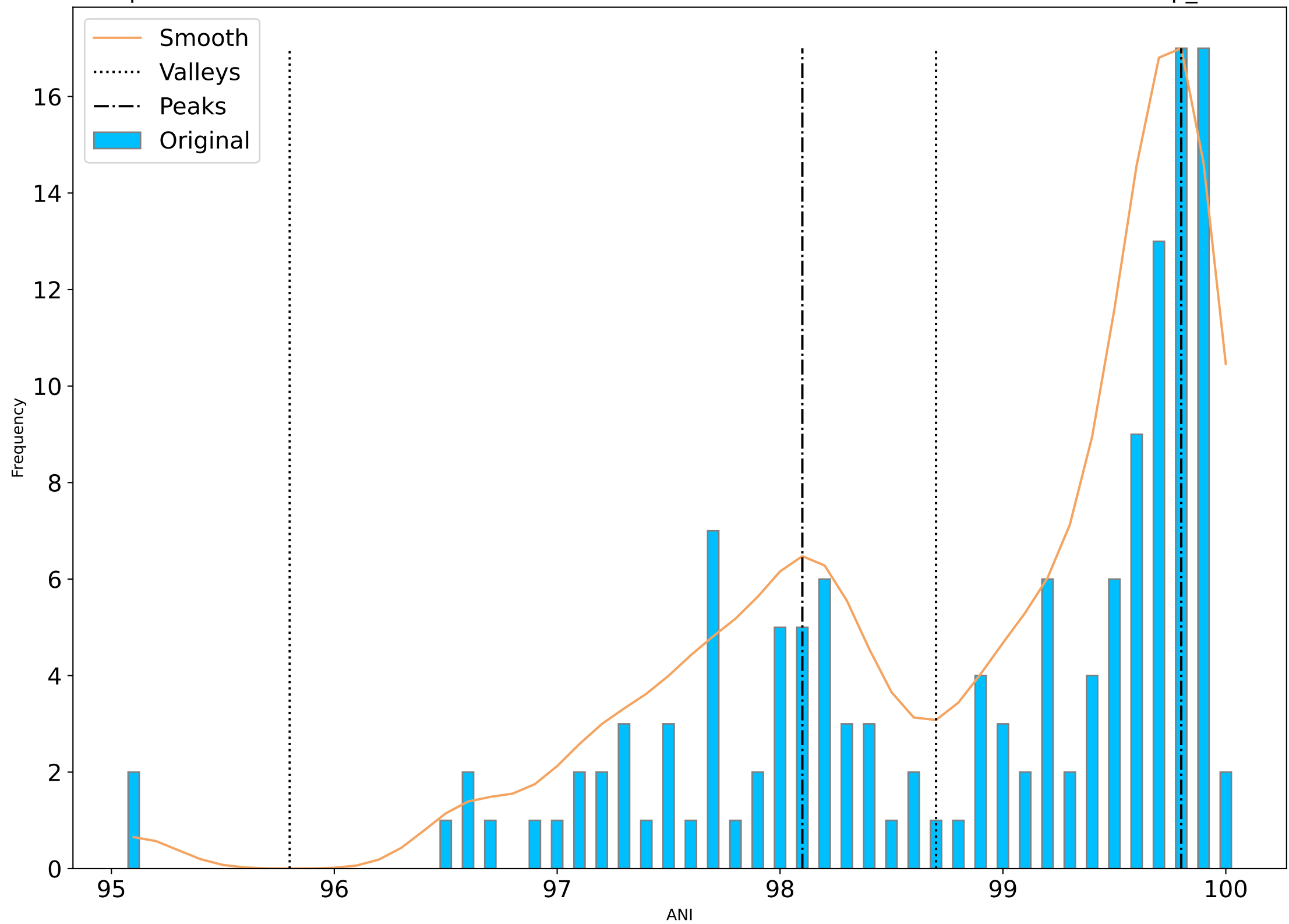
Species_1470
Group 2

Norm_test 4.1526616308309145e-11
Dip_test 0.0



Species_1474
Group 3

Norm_test 2.1113333163483925e-05
Dip_test 0.0

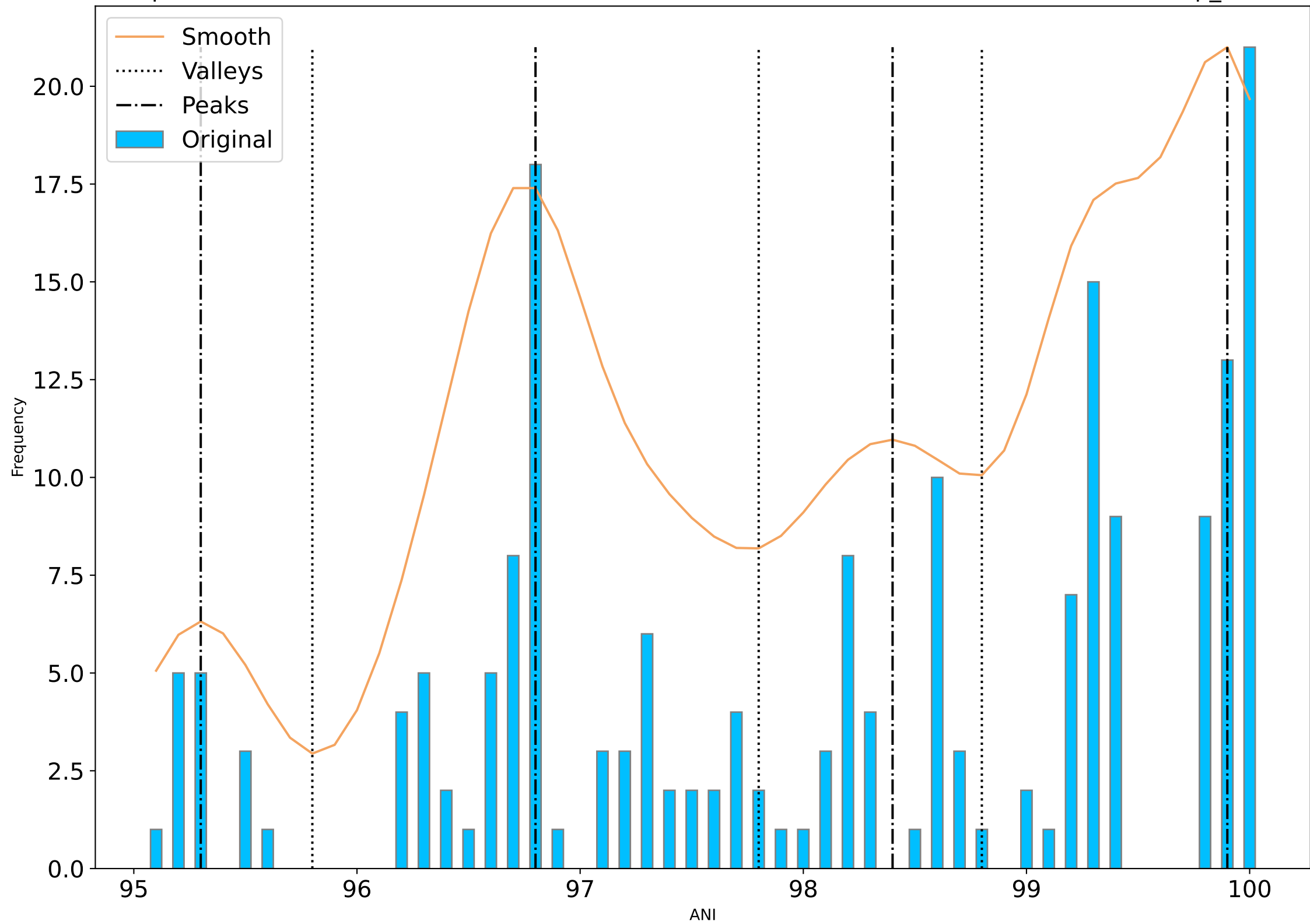


Species_1484

Group 1

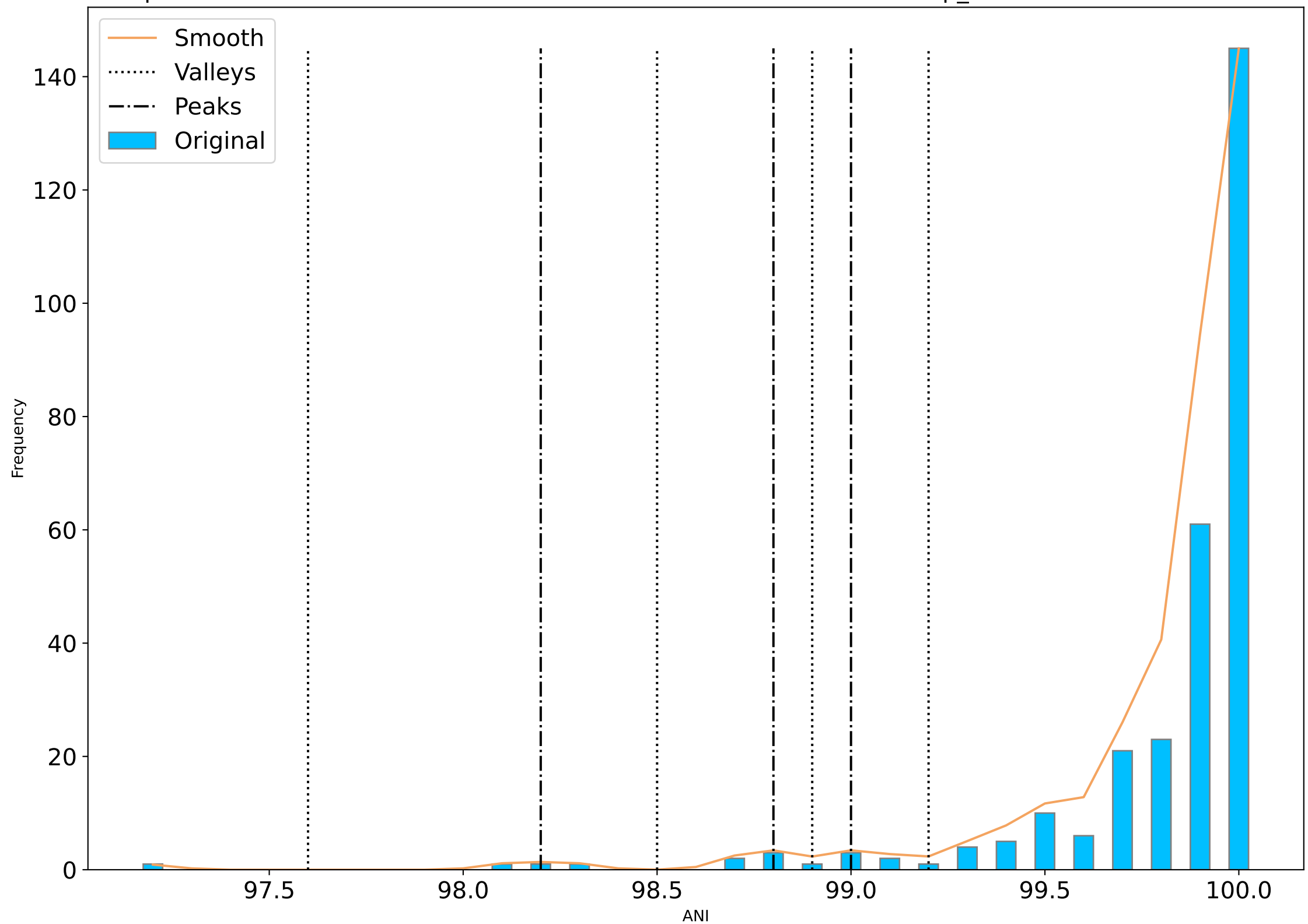
Norm_test 3.384976405015978e-14

Dip_test 0.0



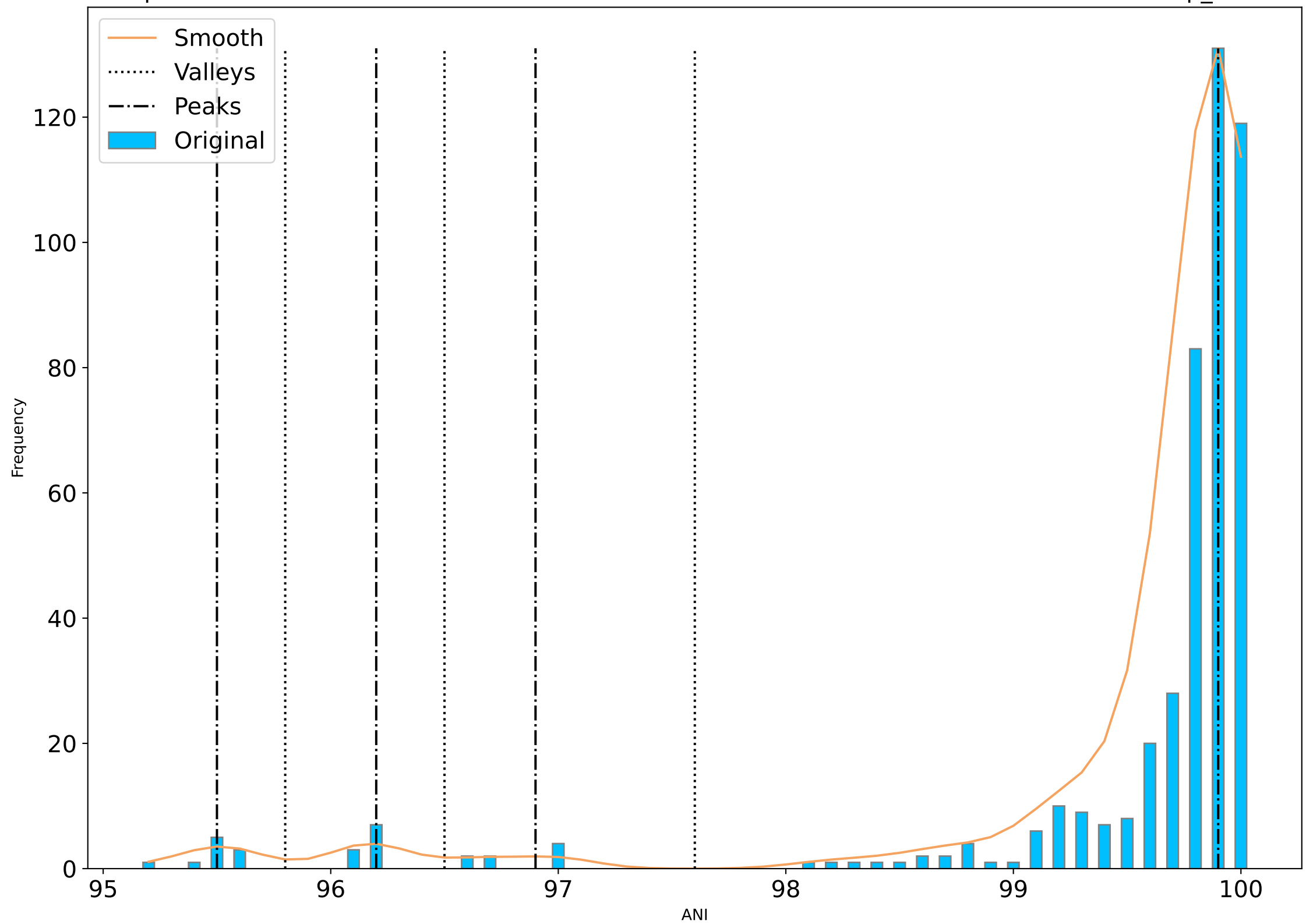
Species_1485
Group 2

Norm_test 1.2882191979491395e-57
Dip_test 3.66442531940514e-06



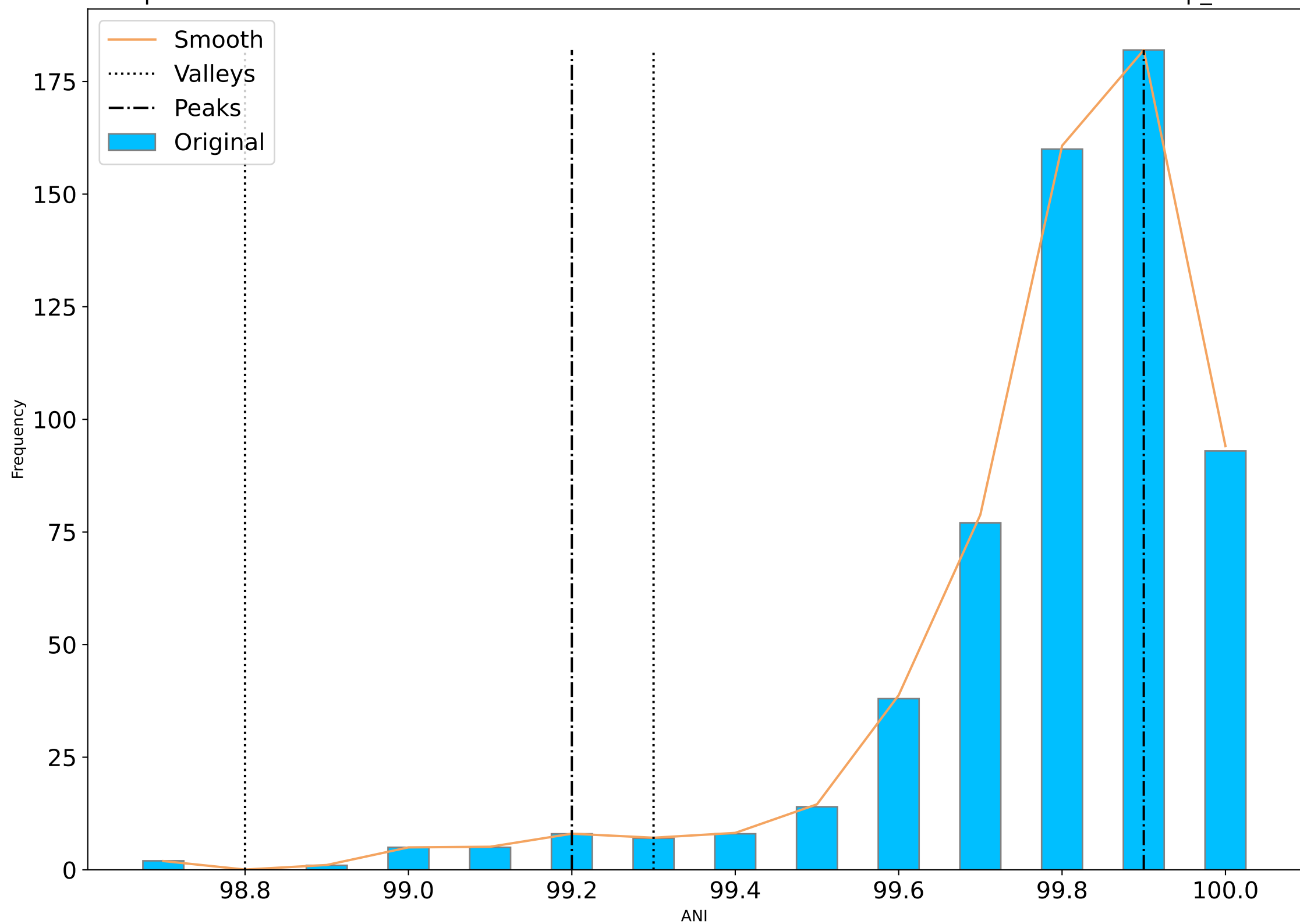
Species_1486
Group 2

Norm_test 9.168052621026944e-74
Dip_test 0.0



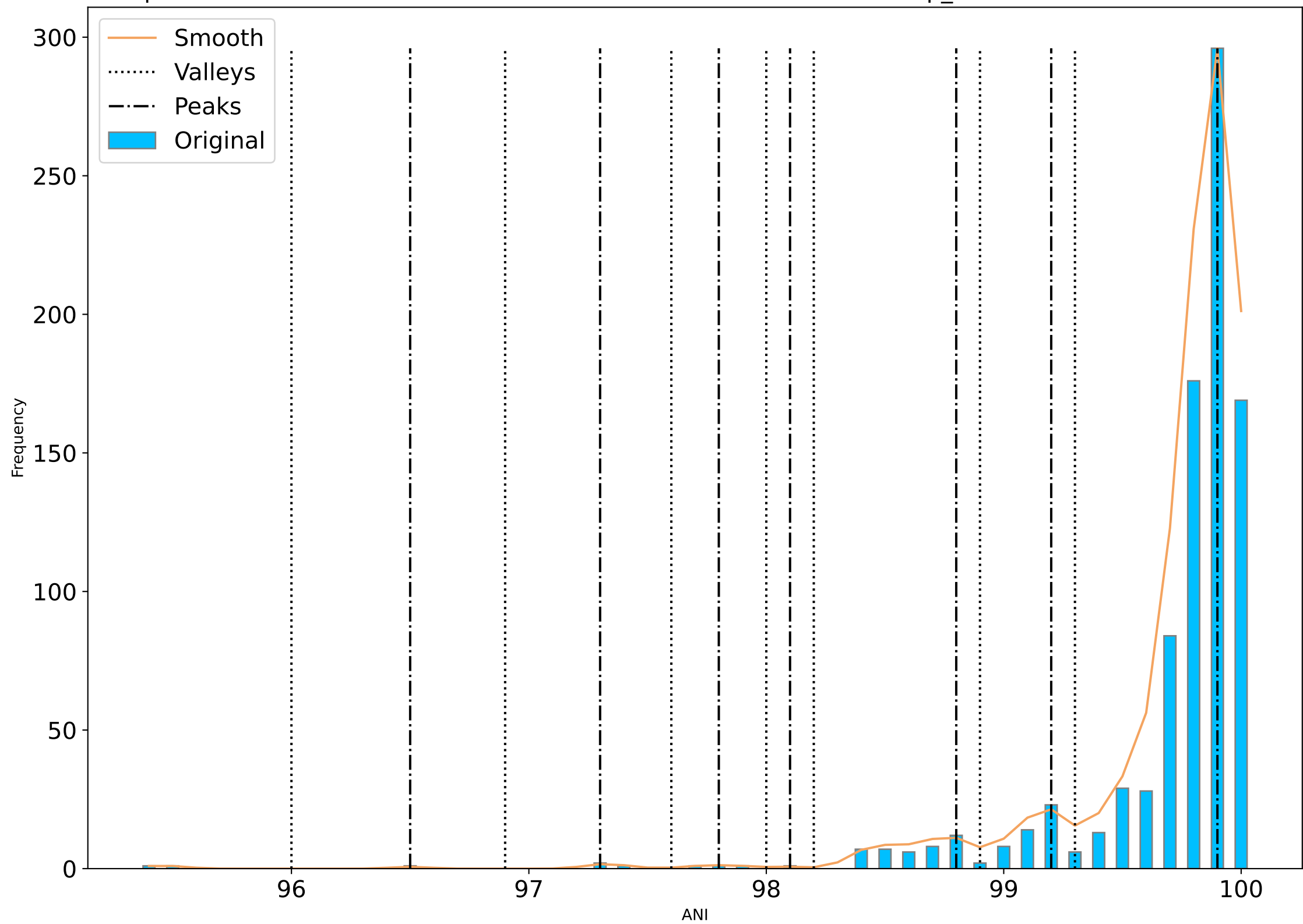
Species_1506
Group 2

Norm_test 7.518788490501638e-67
Dip_test 0.0



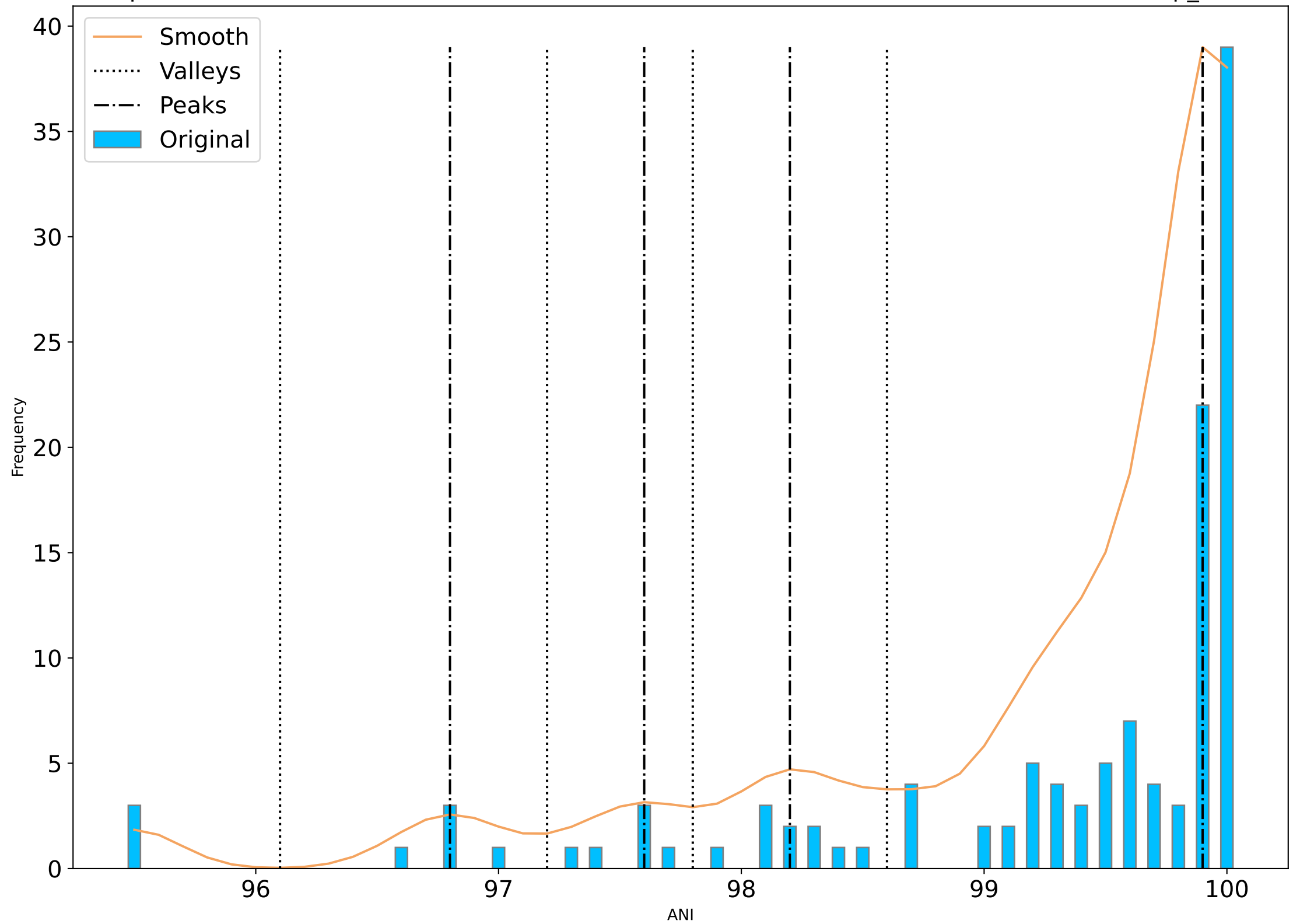
Species_1508
Group 2

Norm_test 6.344858930595812e-183
Dip_test 3.189114869583953e-05



Species_1518
Group 3

Norm_test 1.7090952907710088e-12
Dip_test 0.0

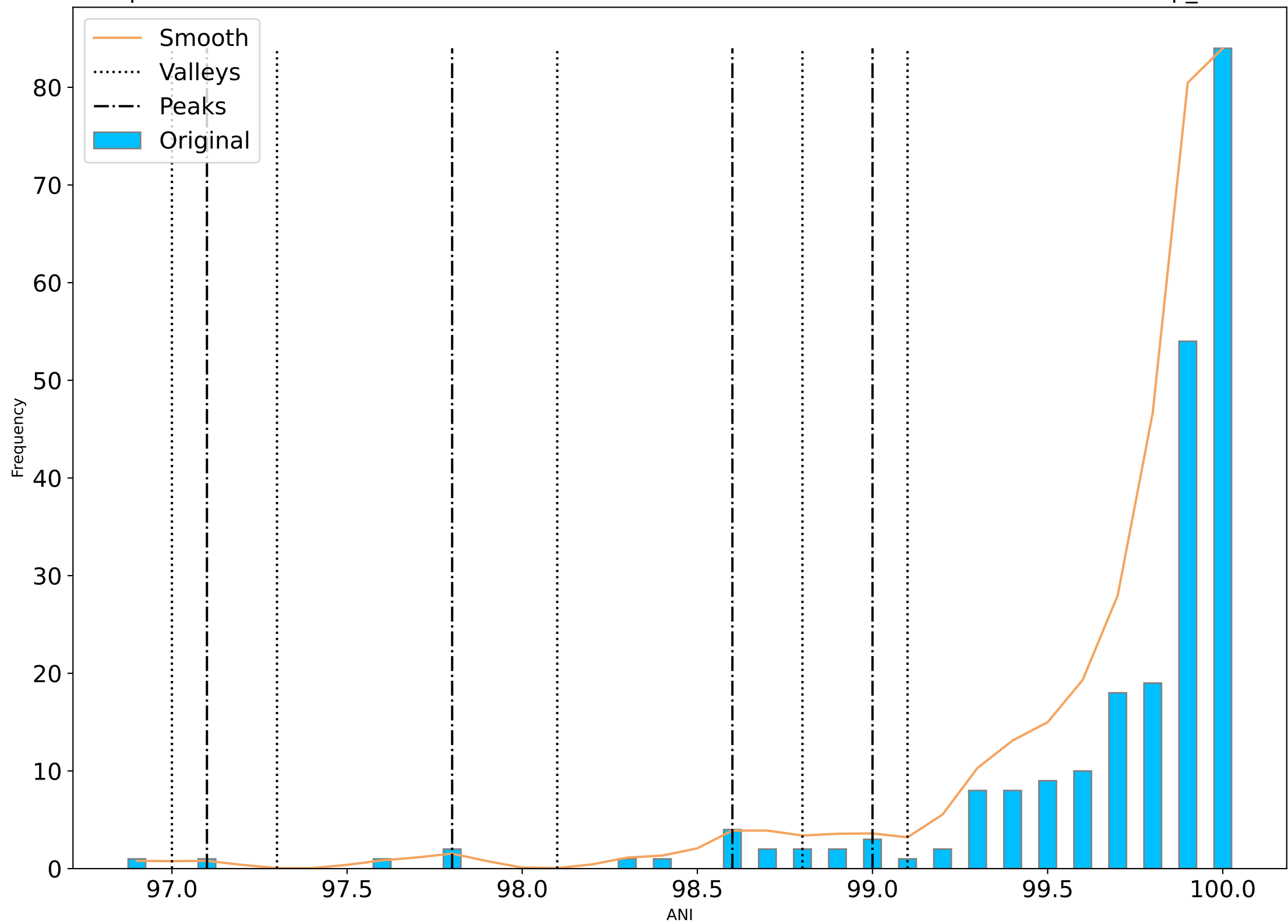


Species_1526

Group 2

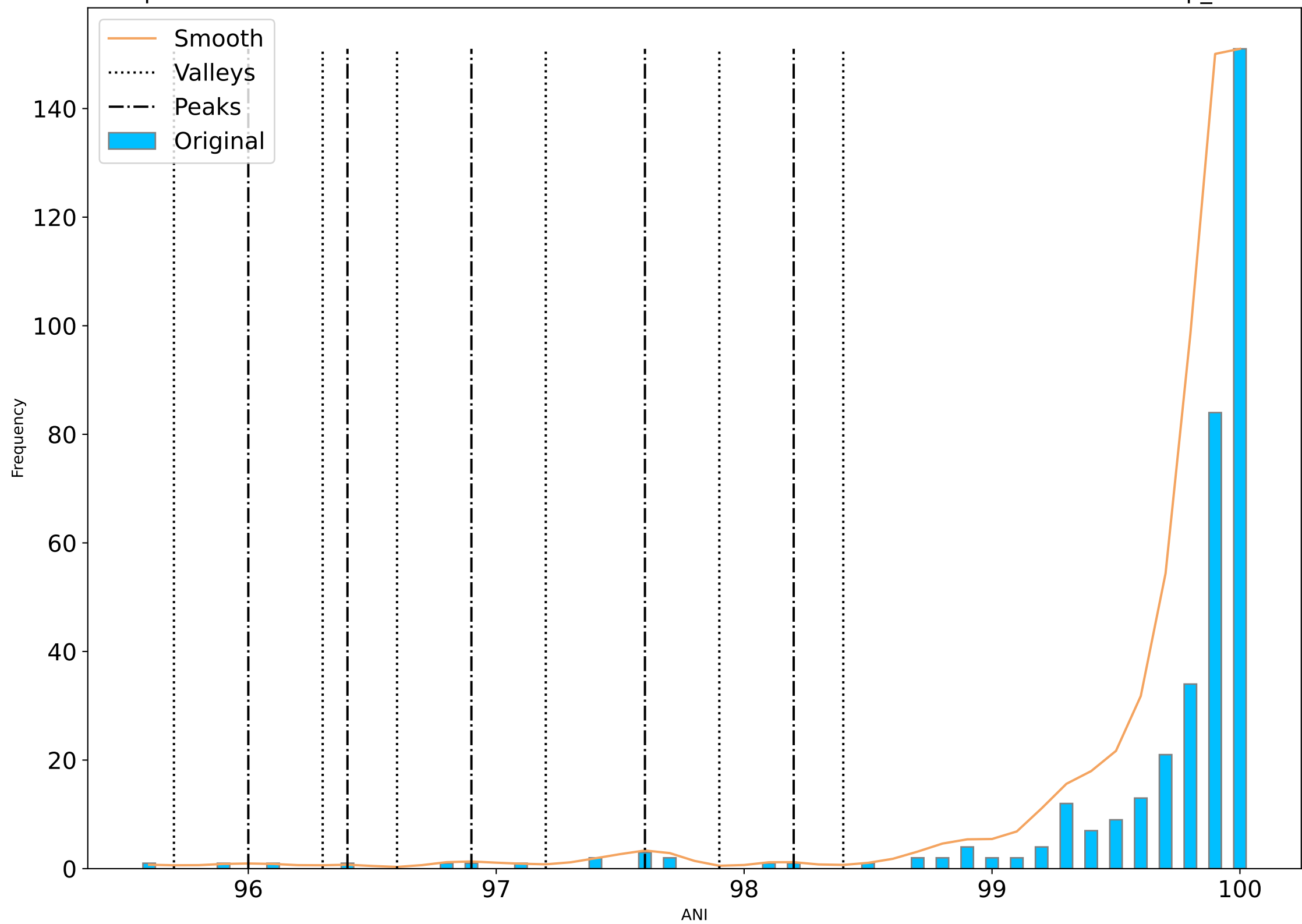
Norm_test 1.9504335273974705e-38

Dip_test 0.0



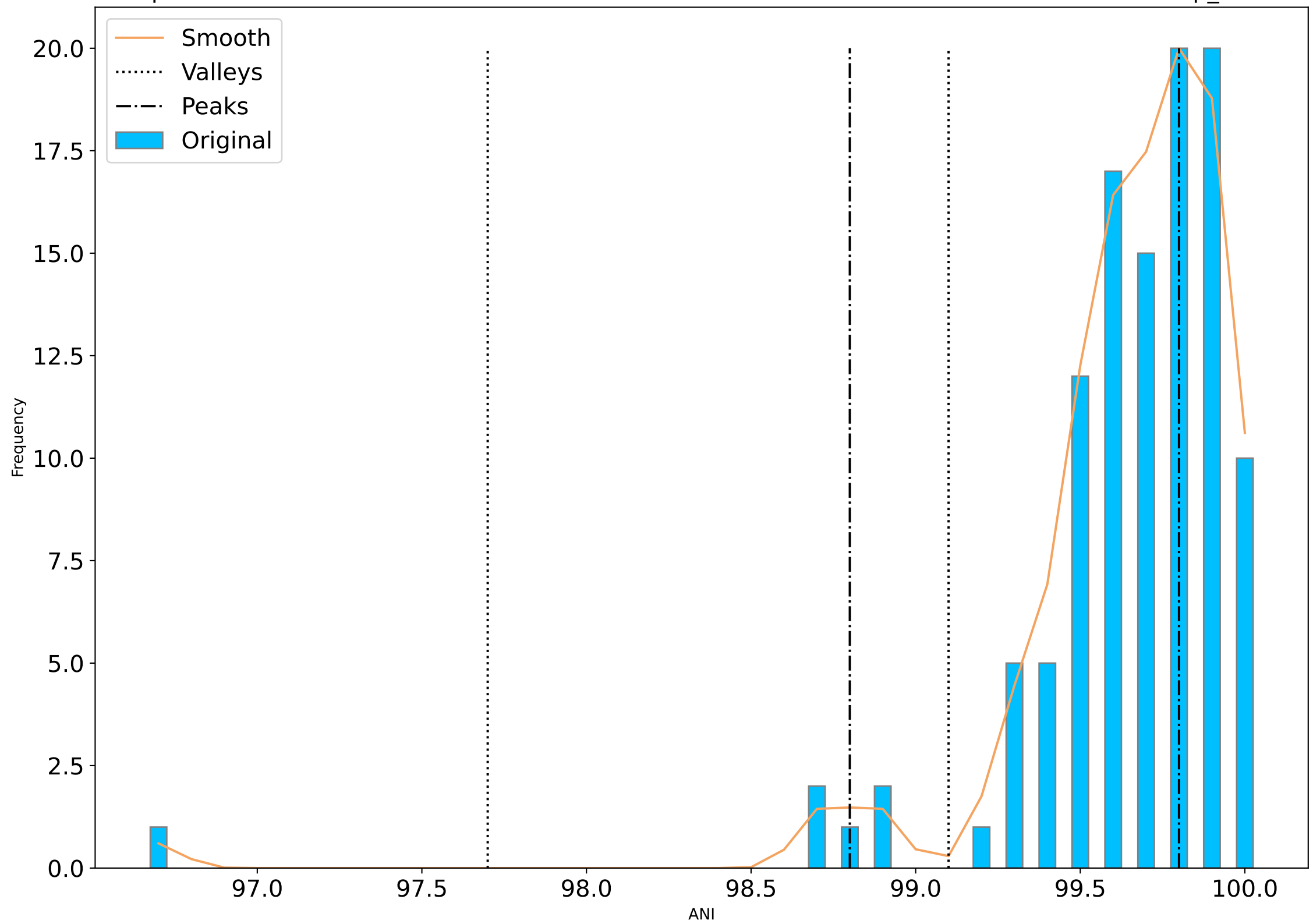
Species_1536
Group 2

Norm_test 5.900231471795493e-70
Dip_test 0.0



Species_1539
Group 2

Norm_test 8.74522796282937e-31
Dip_test 0.0

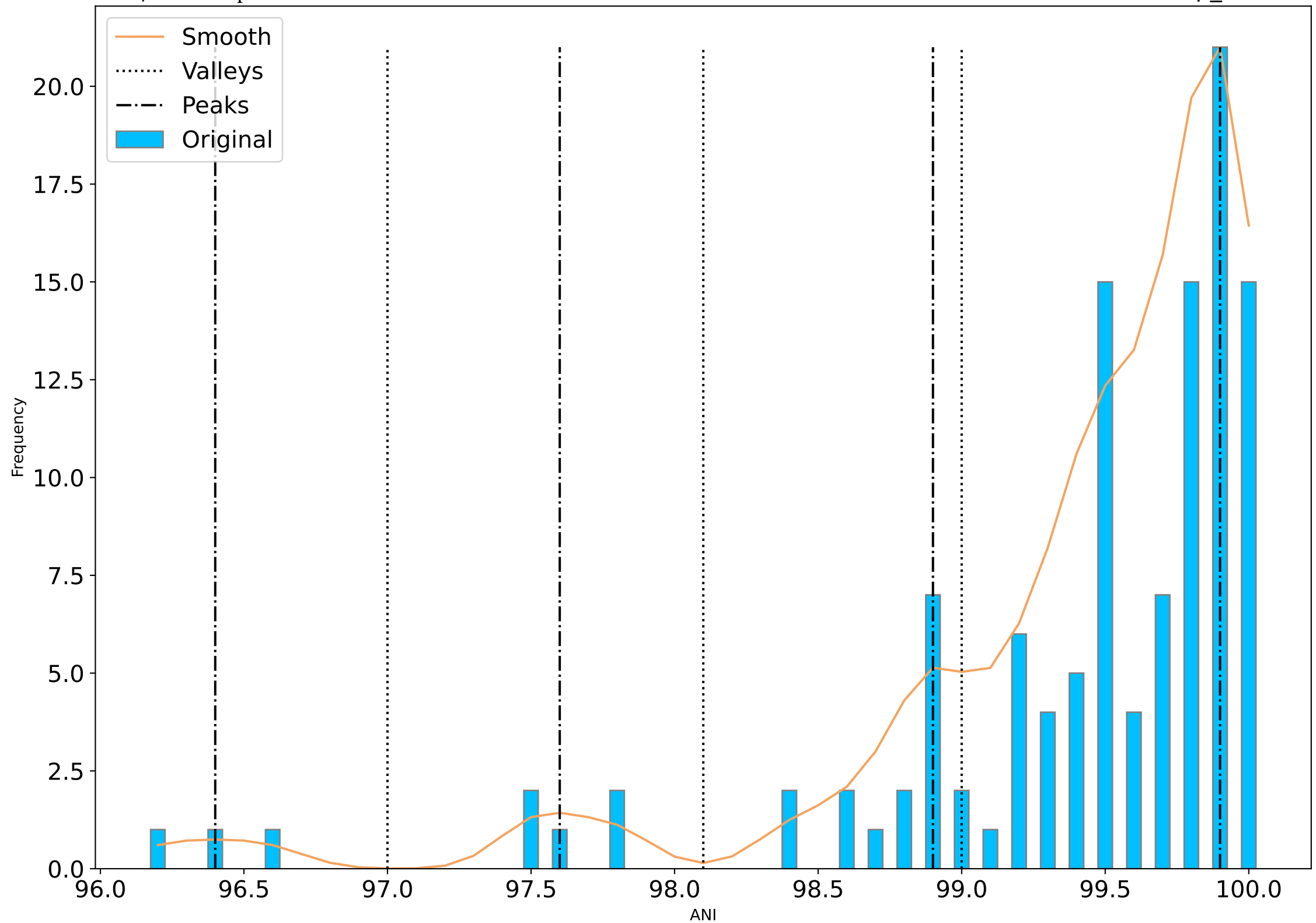


Species_1543

Norm_test 5.5244281487033916e-17

Group 1 Group 2

Dip_test 0.0

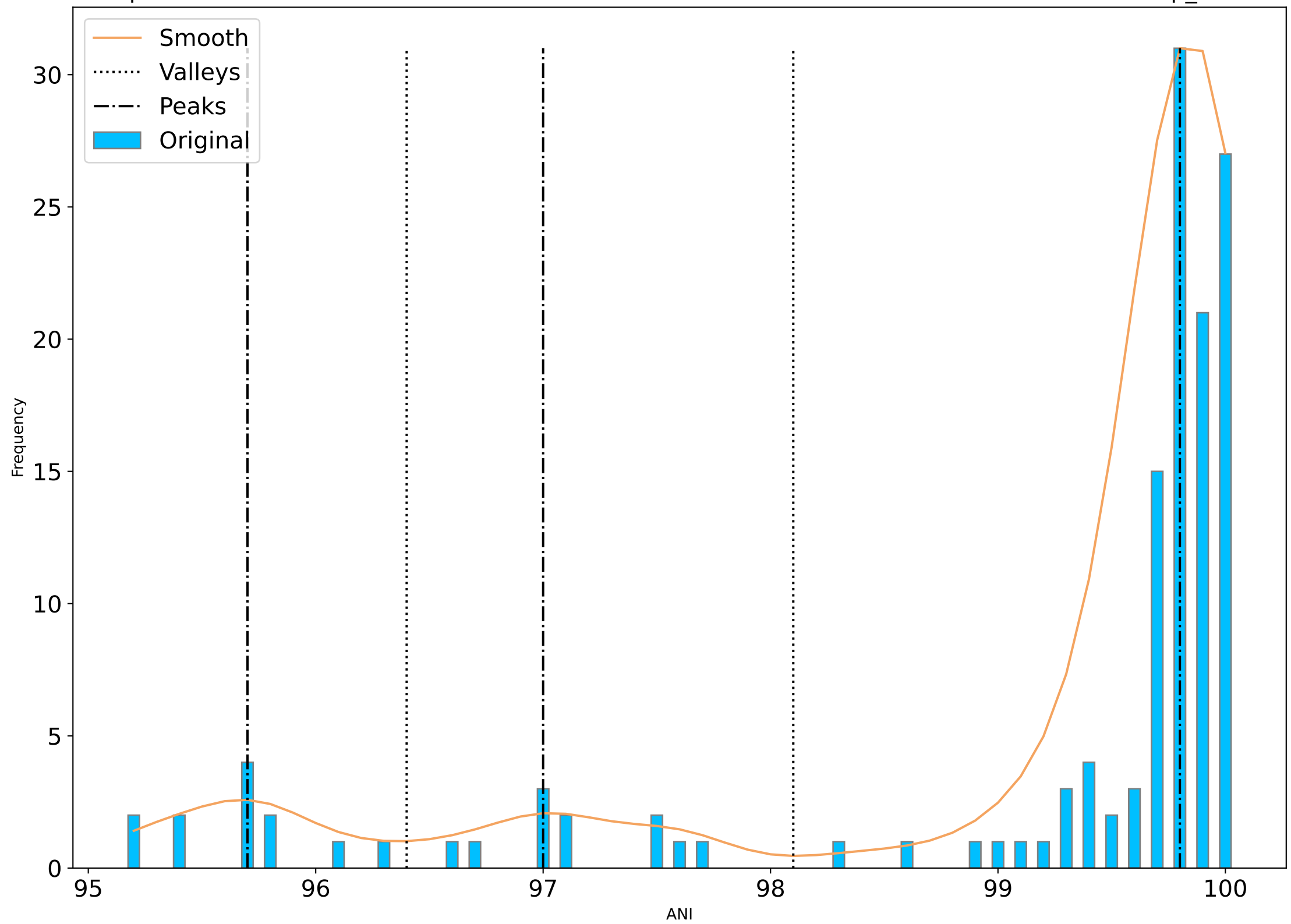


Species_1545

Group 3

Norm_test 3.623850925604745e-12

Dip_test 0.0

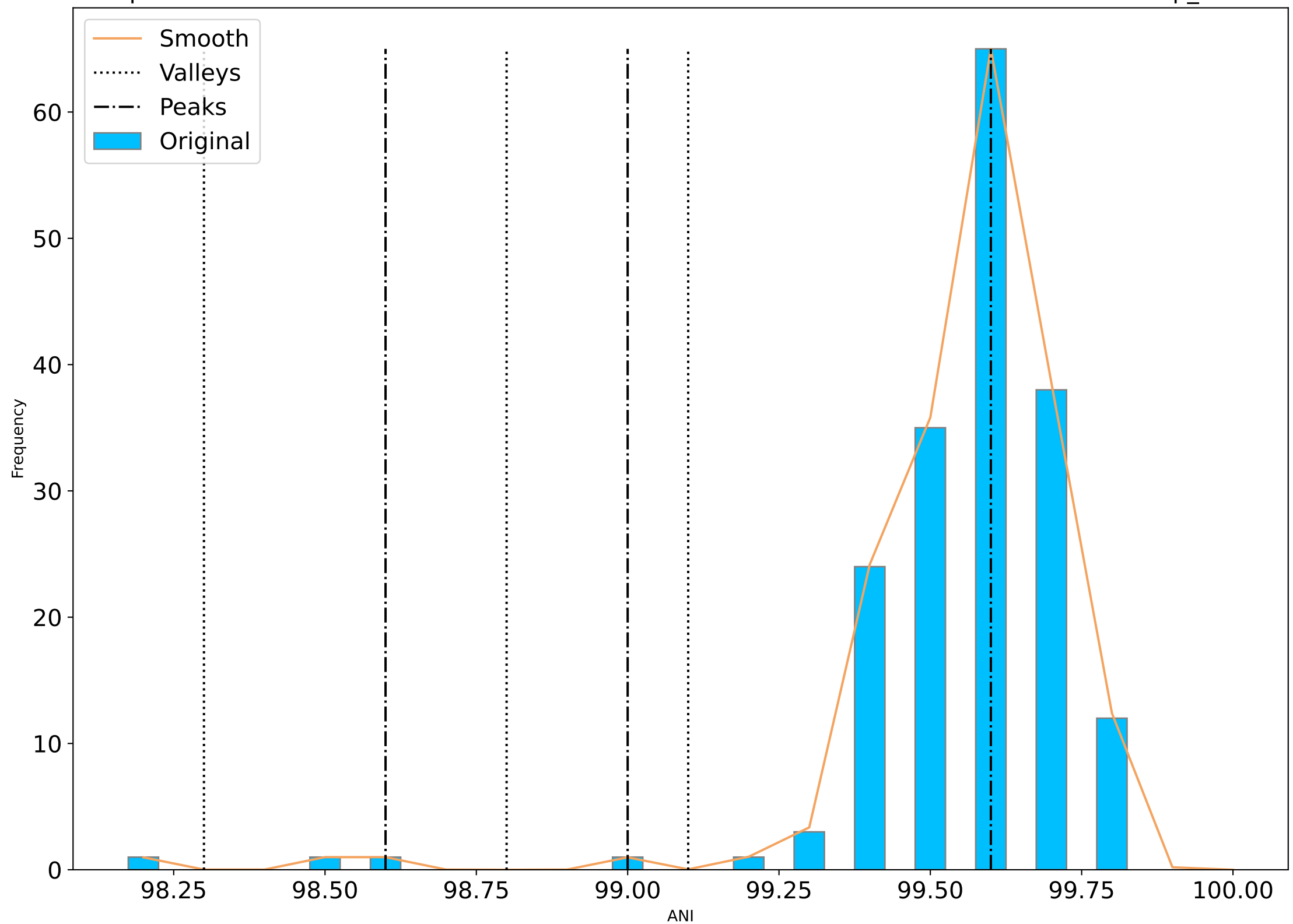


Species_1549

Group 2

Norm_test 2.1054972668978426e-39

Dip_test 0.0

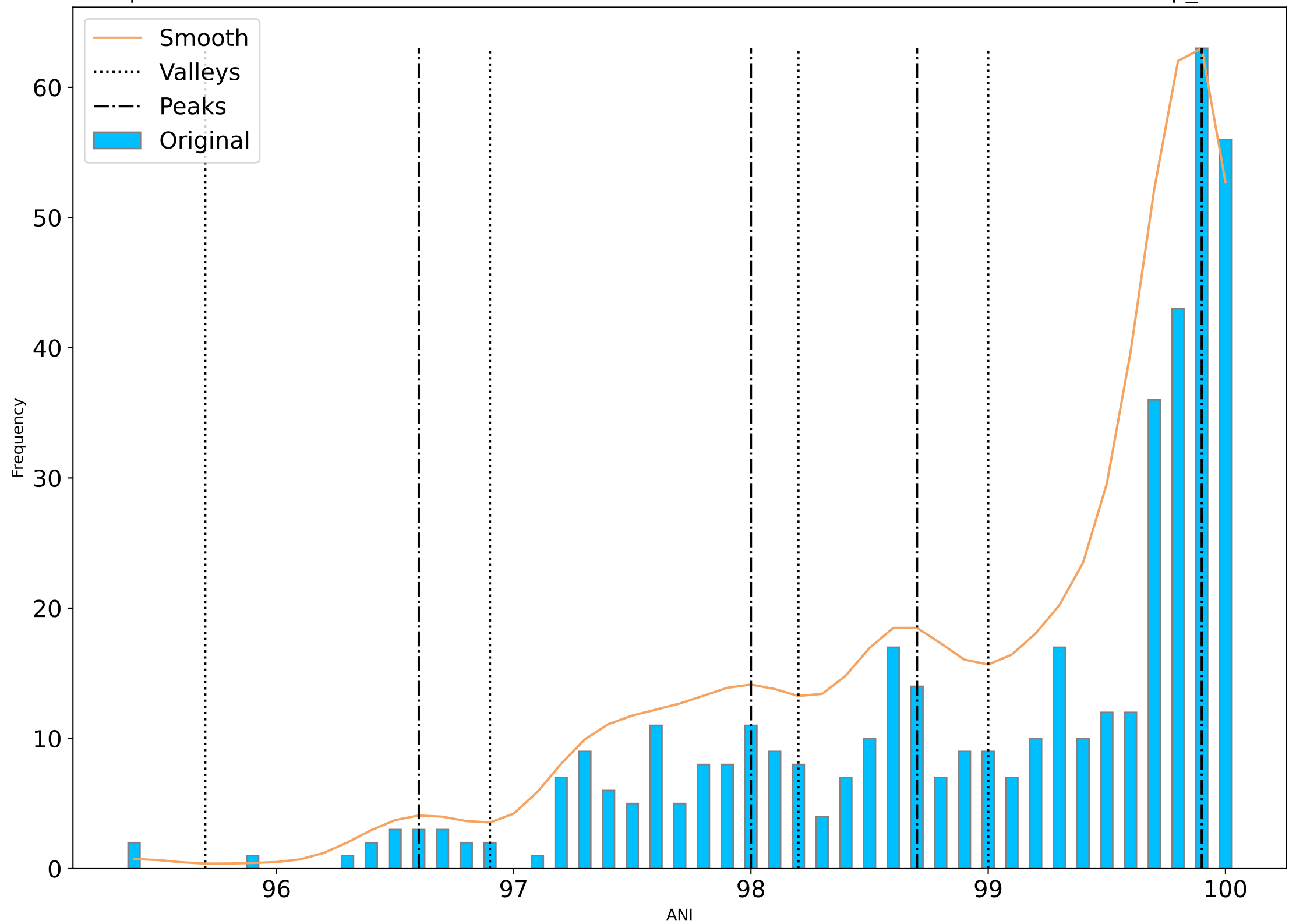


Species_1563

Group 1

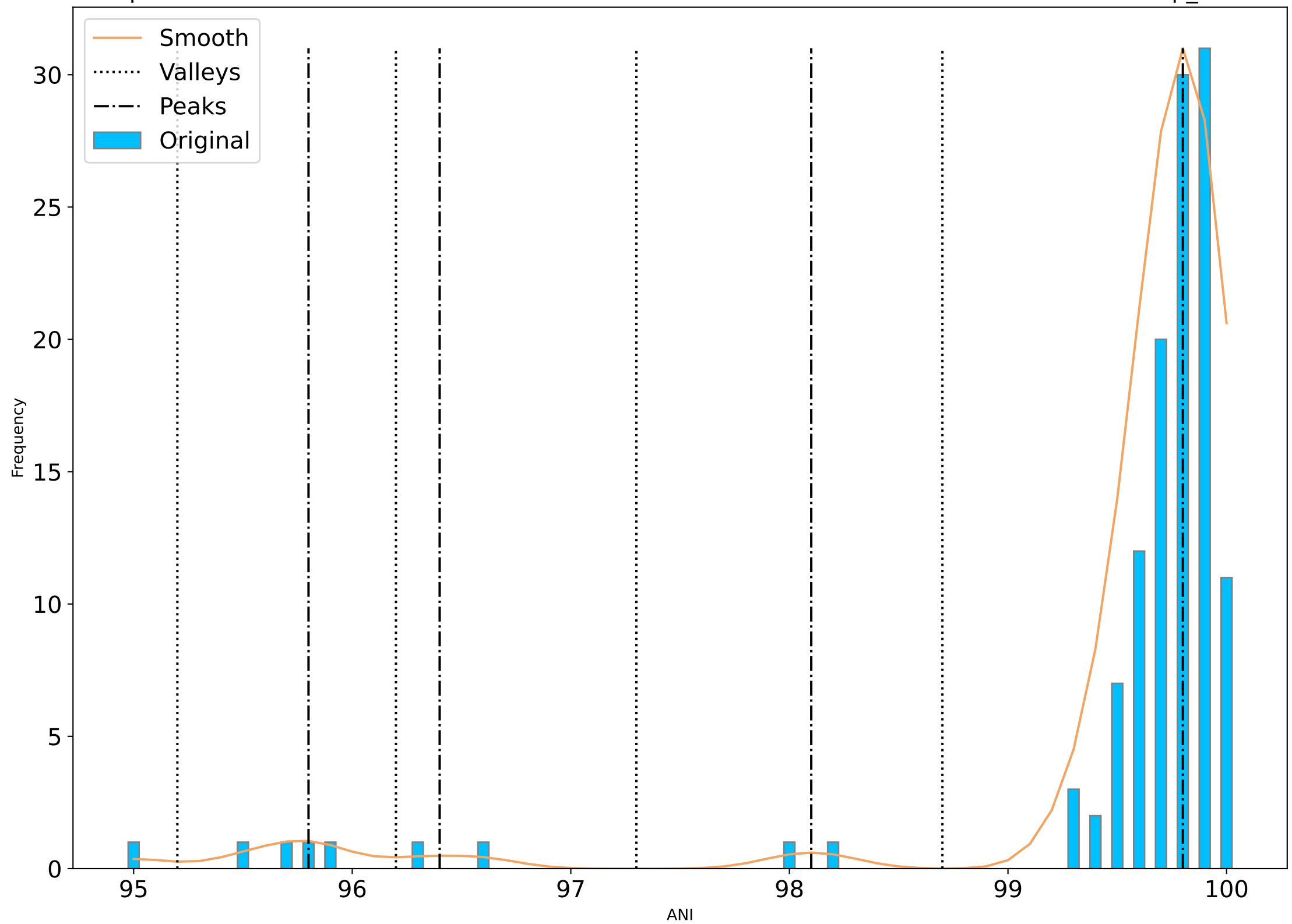
Norm_test 3.390717811455534e-13

Dip_test 0.0



Species_1570
Group 2

Norm_test 3.851247143986957e-26
Dip_test 0.0

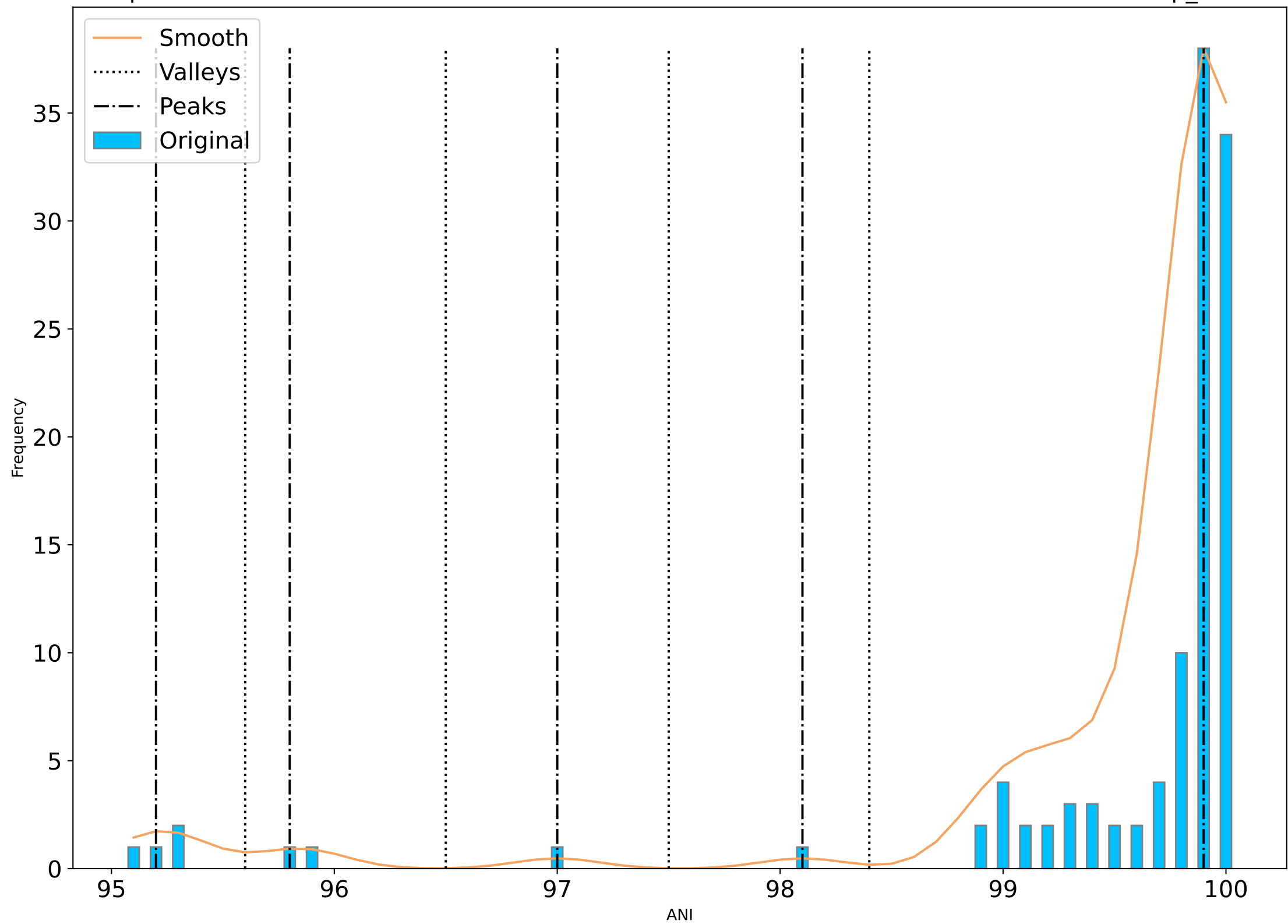


Species_1575

Group 2

Norm_test 1.5208756051681205e-22

Dip_test 0.0

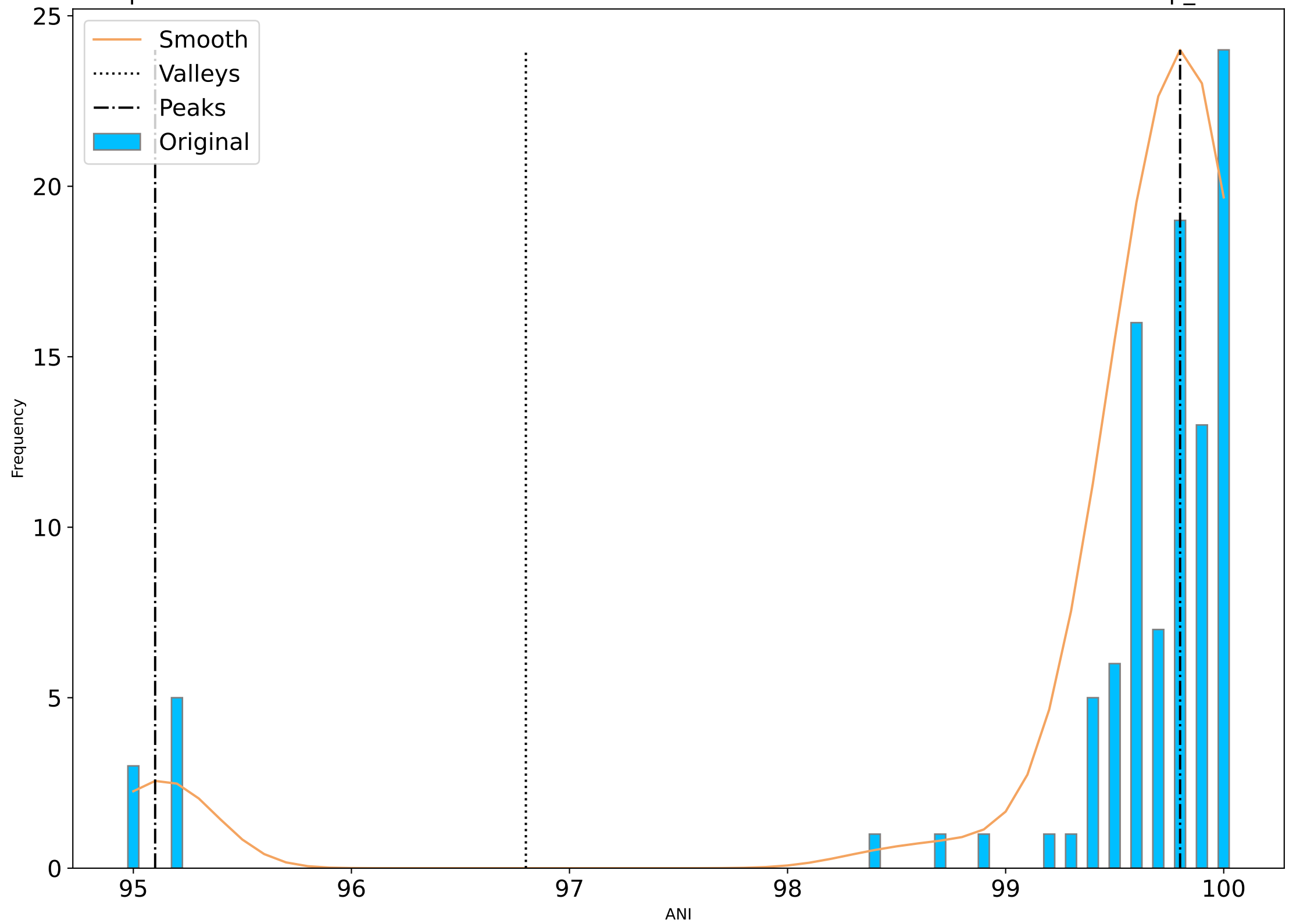


Species_1577

Group 3

Norm_test 2.1146874470157744e-18

Dip_test 0.0

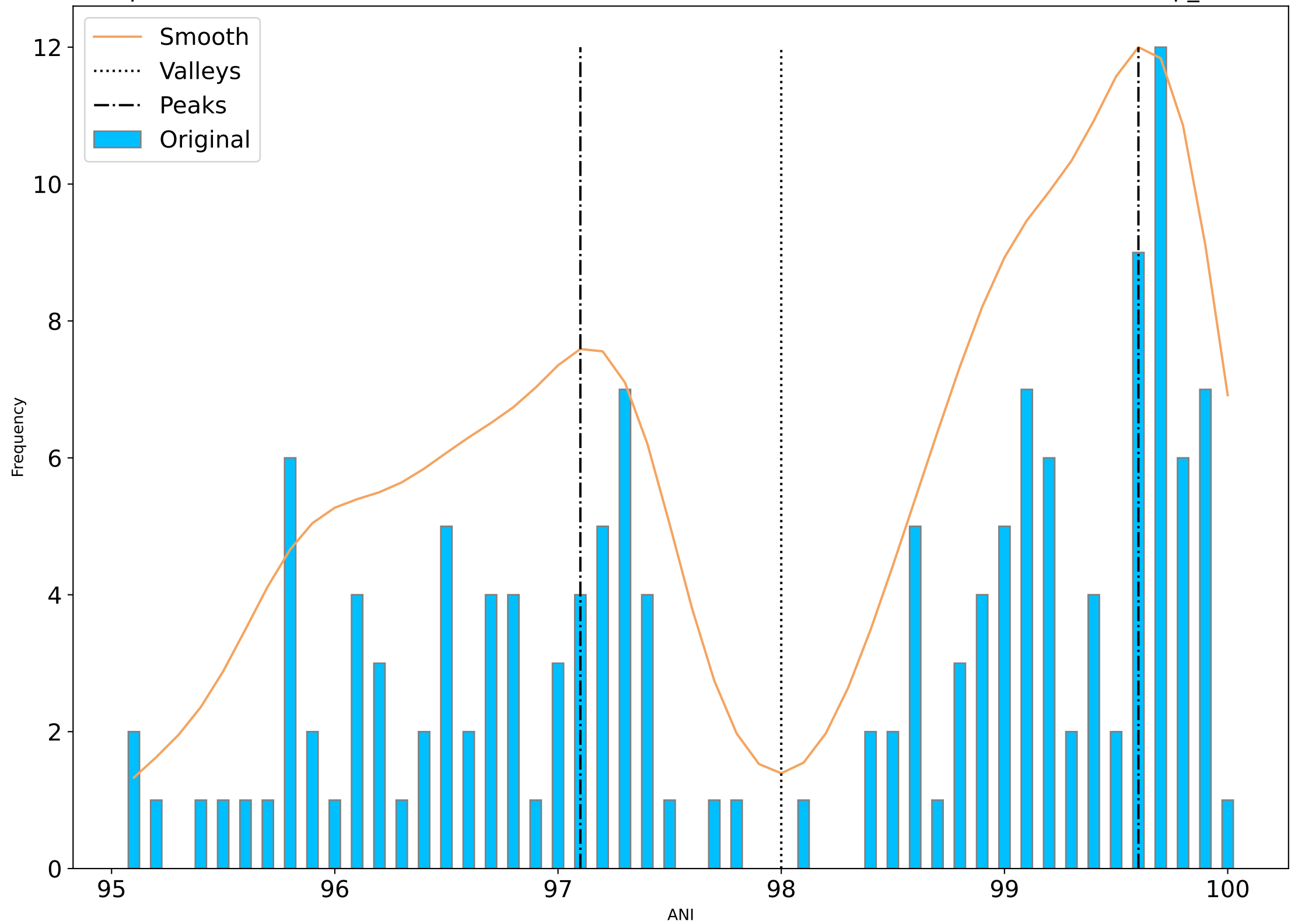


Species_1598

Group 3

Norm_test 1.0445927090183191e-34

Dip_test 0.0

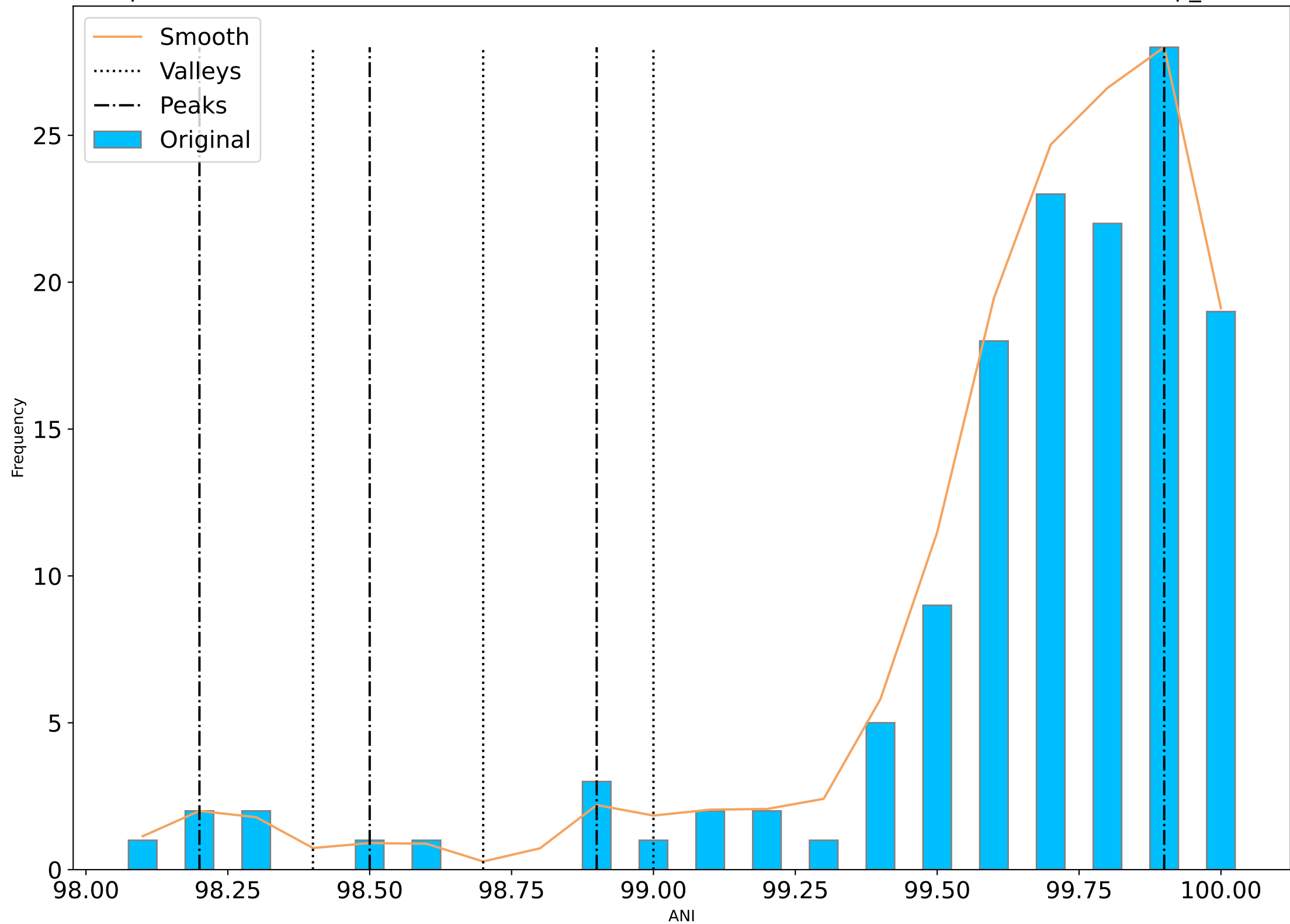


Species_1601

Group 2

Norm_test 3.8763331738909536e-18

Dip_test 0.0

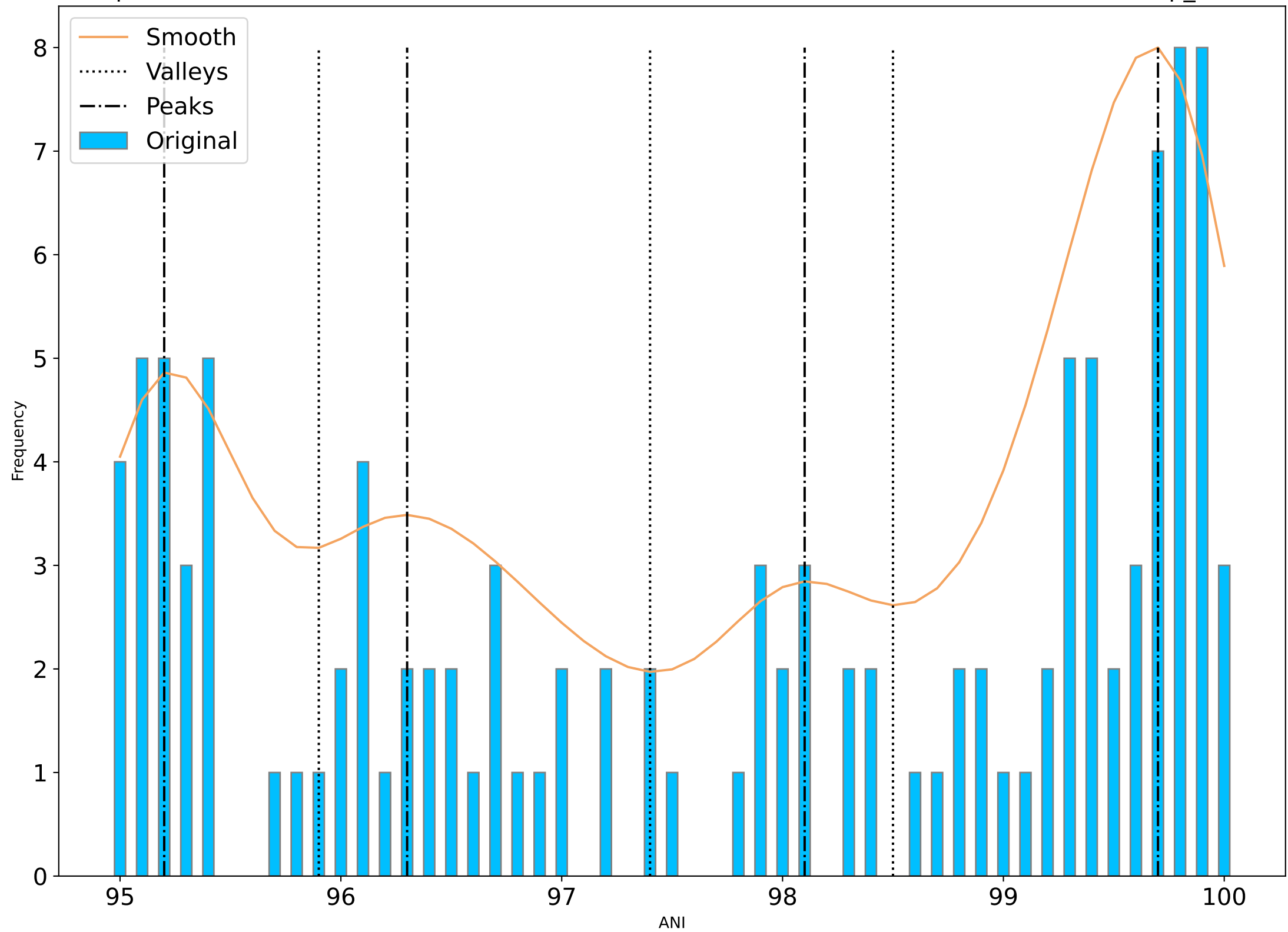


Species_1607

Group 3

Norm_test 5.187082625082041e-81

Dip_test 0.0

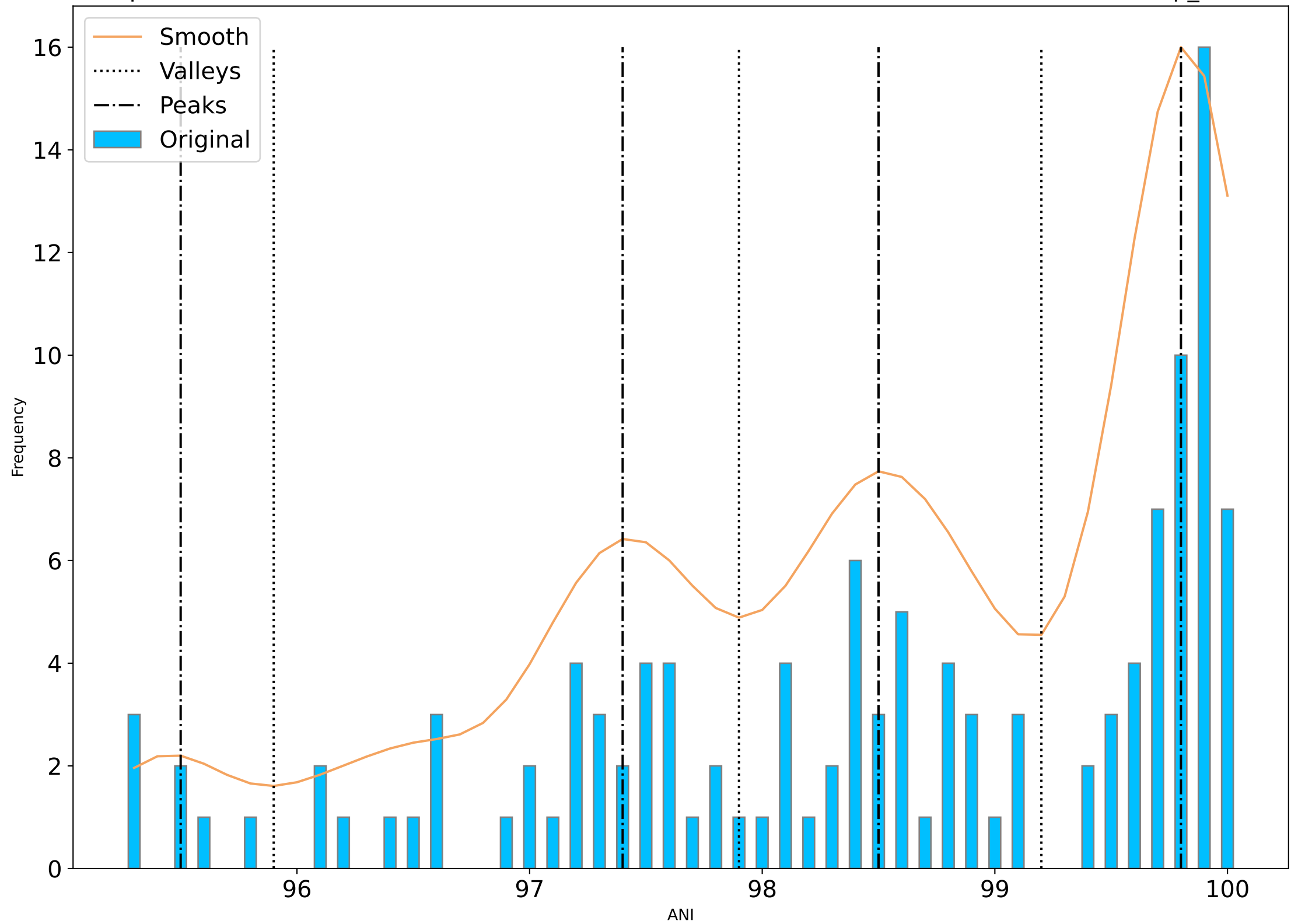


Species_1612

Group 1

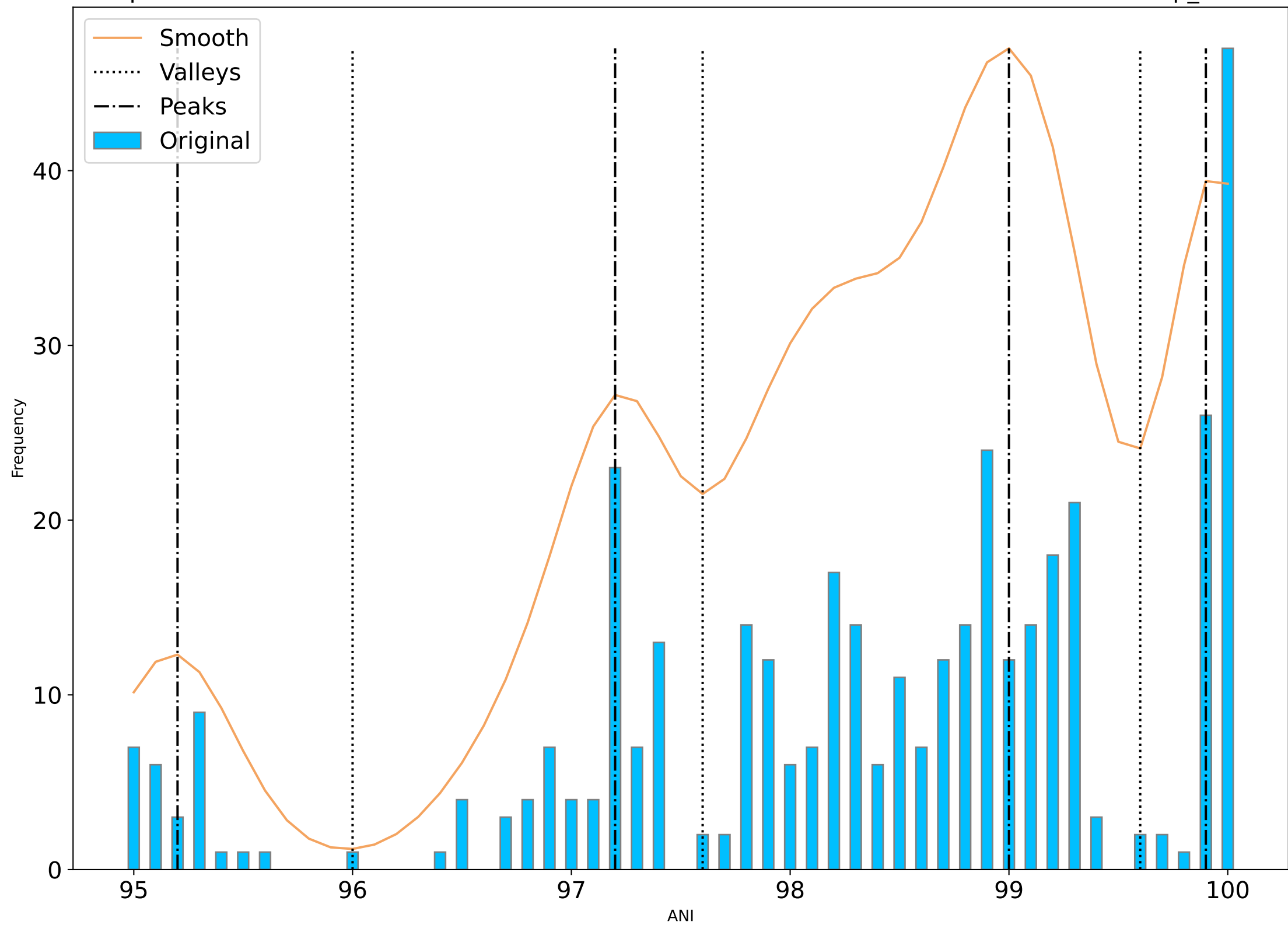
Norm_test 0.004473727292767004

Dip_test 0.0



Species_1620
Group 4

Norm_test 3.5672128475989195e-09
Dip_test 0.0

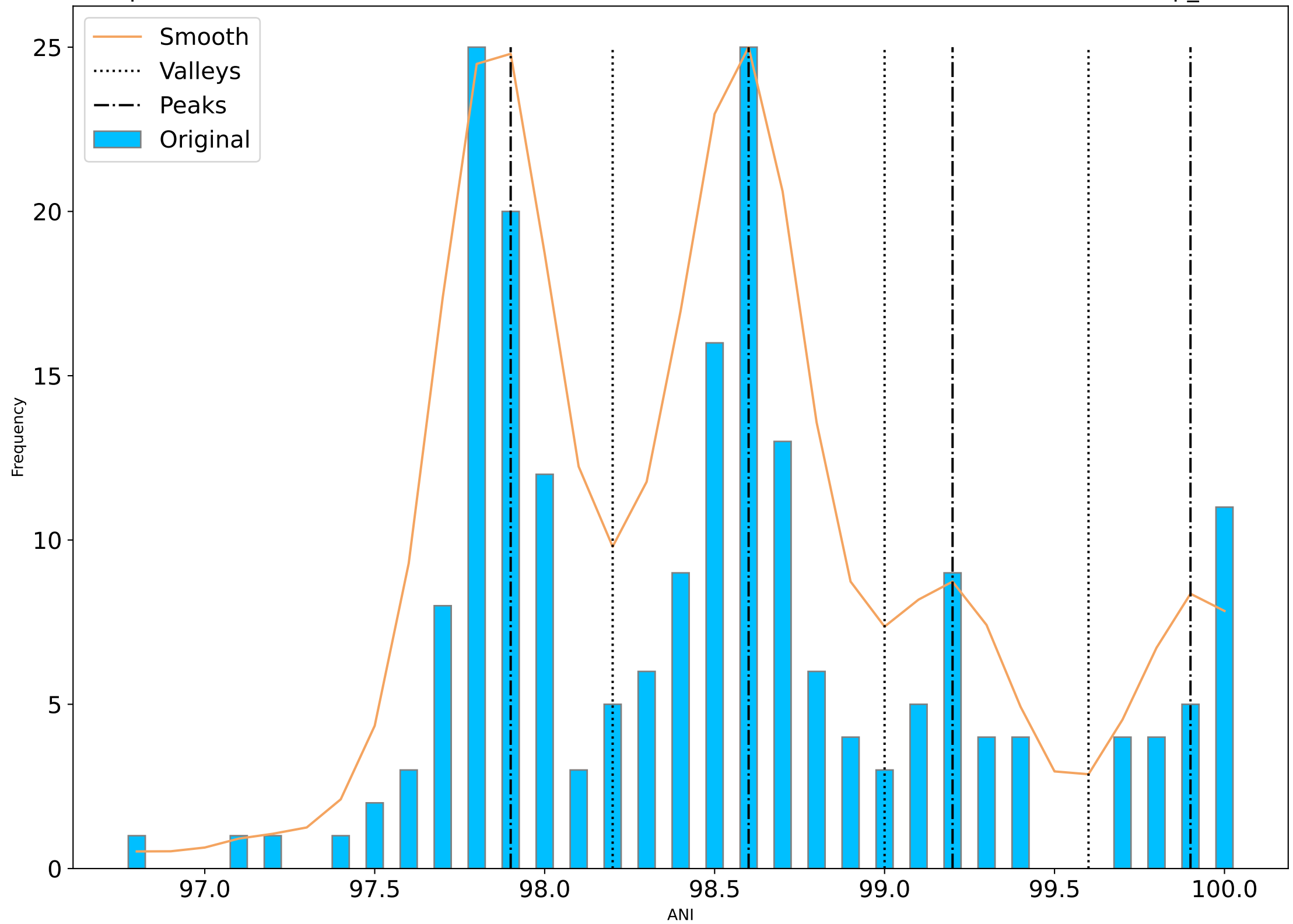


Species_1628

Group 1

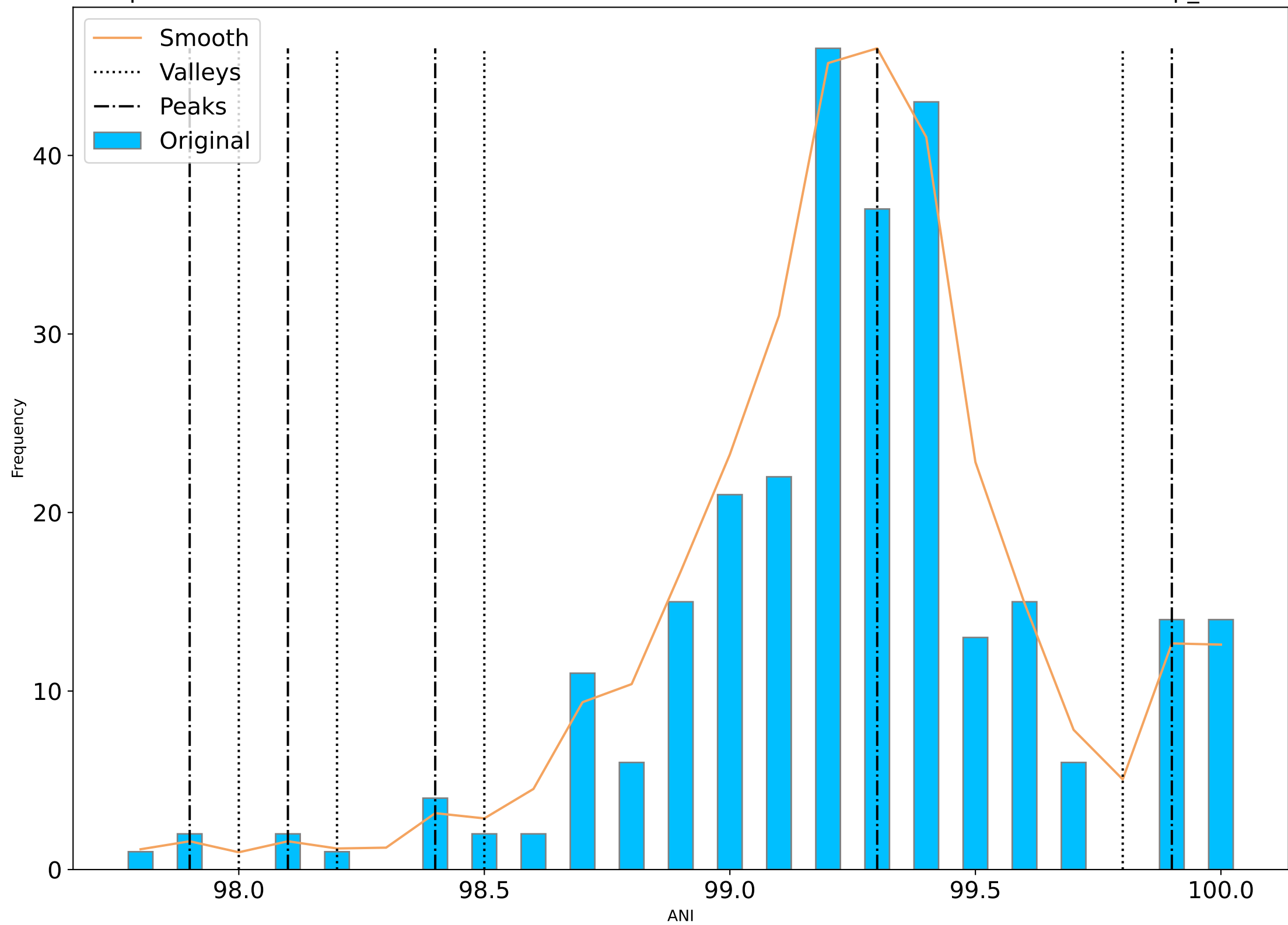
Norm_test 0.003976466510865514

Dip_test 0.0



Species_1639
Group 4

Norm_test 2.1846145959607576e-06
Dip_test 0.0

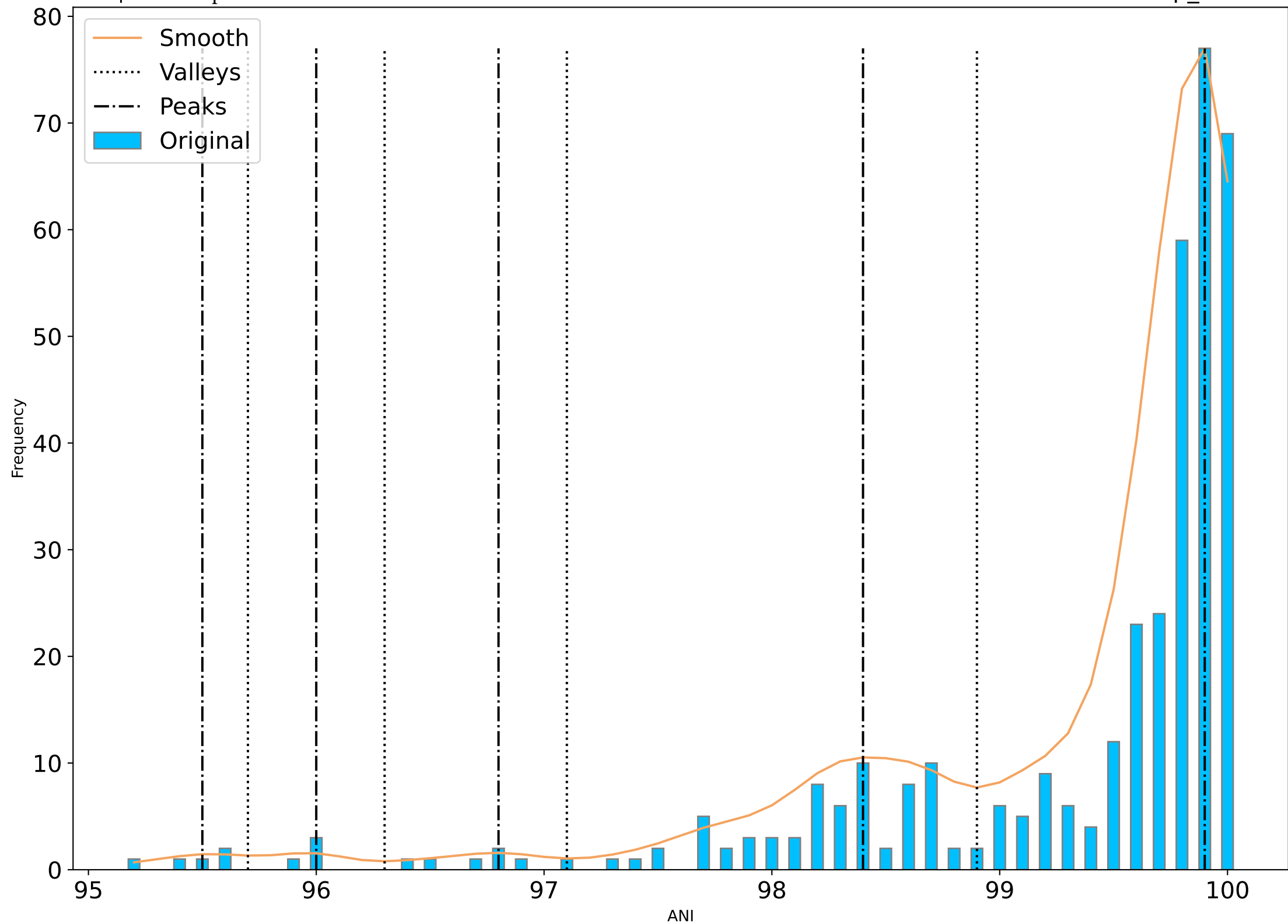


Species_1649

Norm_test 1.233087988780793e-39

Dip_test 0.0

Group 1 Group 2

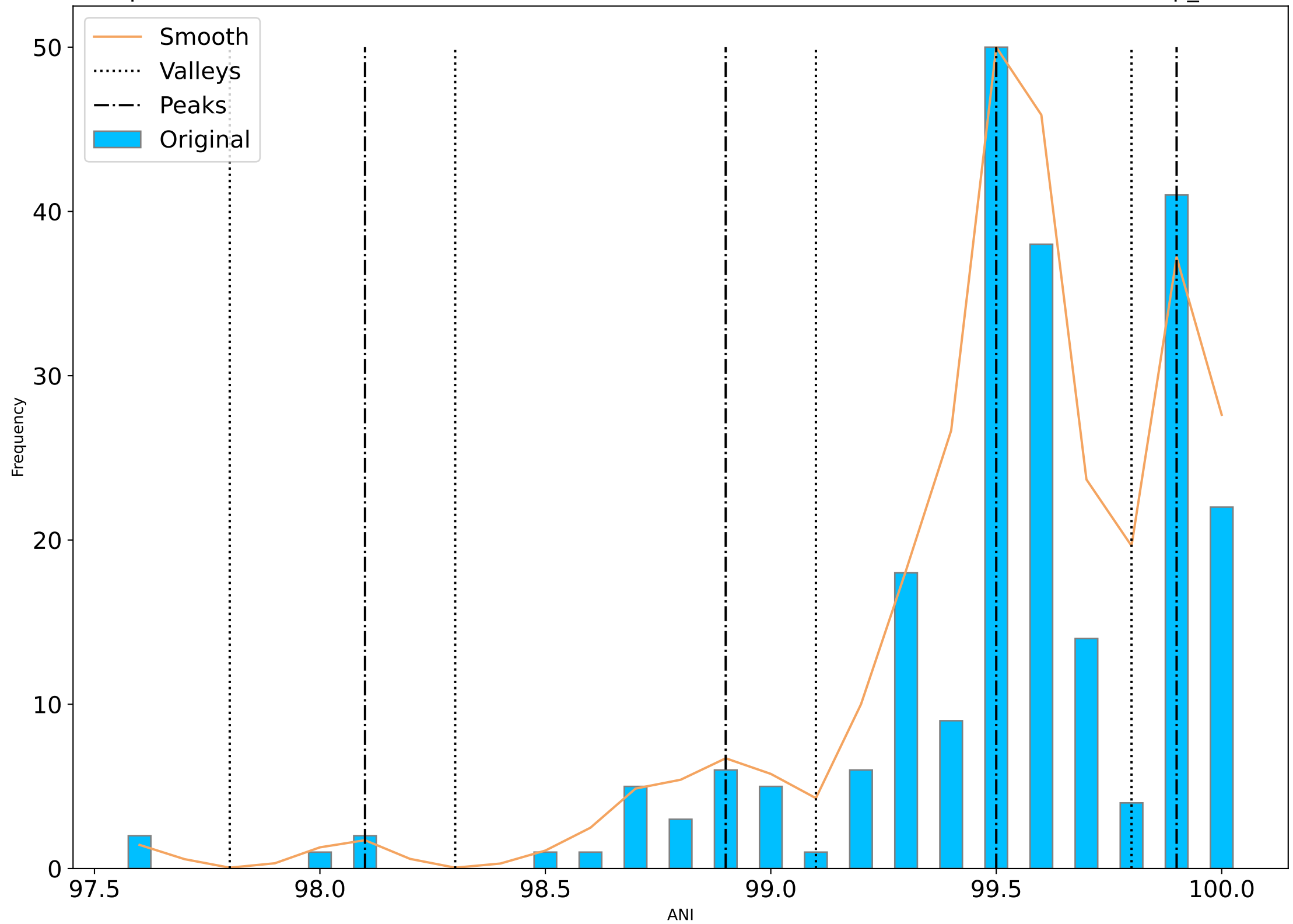


Species_1650

Group 2

Norm_test 1.1347510139865032e-21

Dip_test 0.0

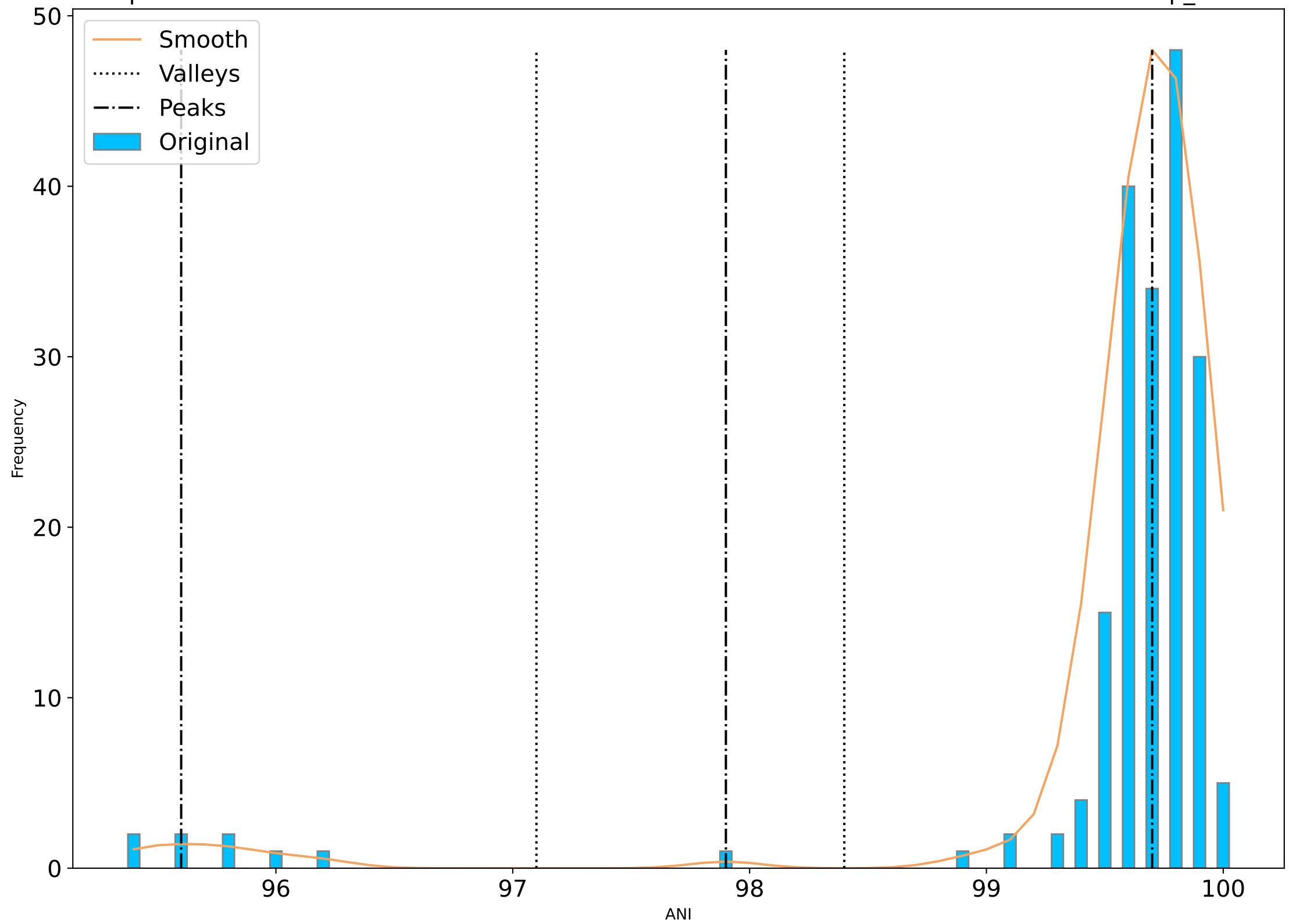


Species_1659

Group 2

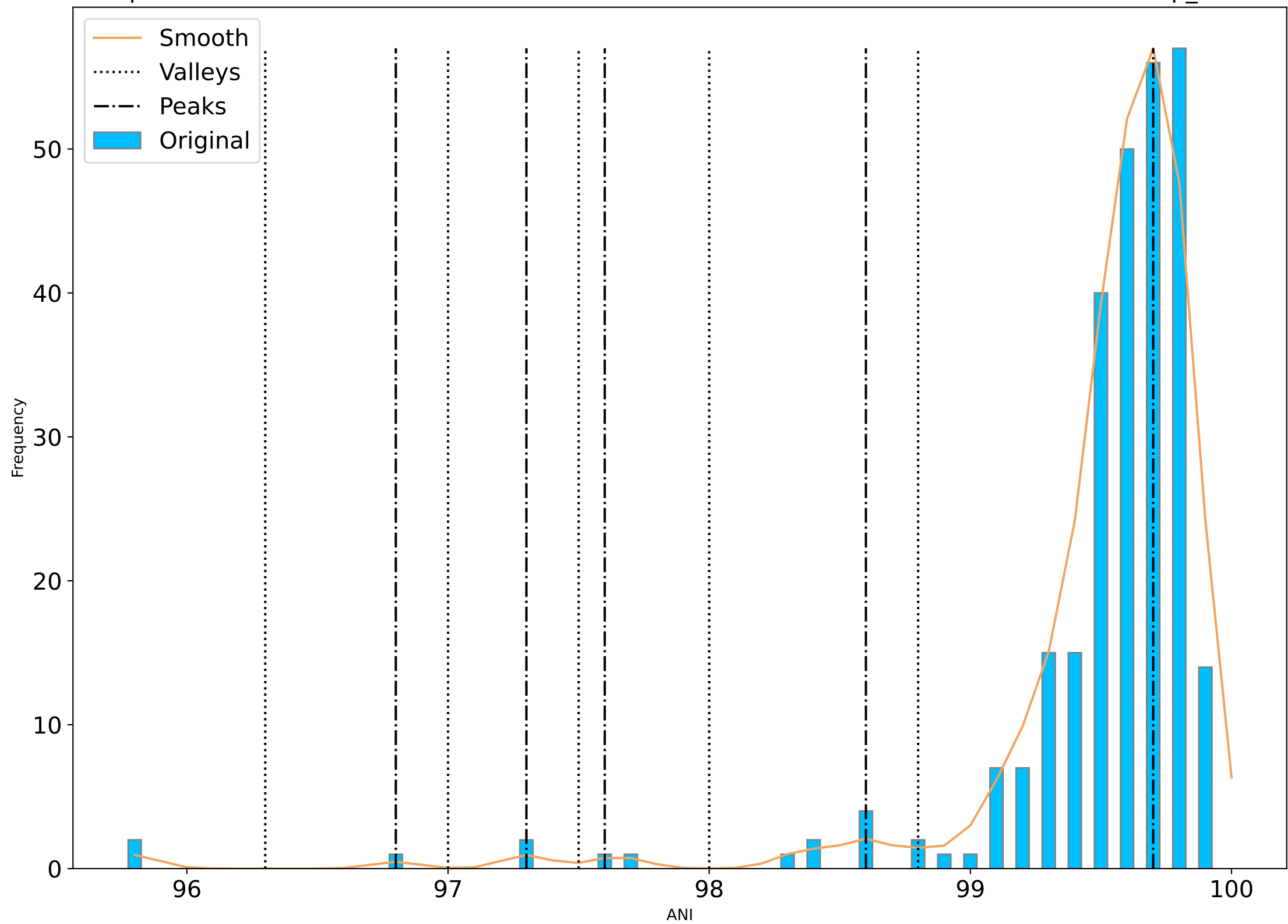
Norm_test 2.524037132990529e-42

Dip_test 0.0



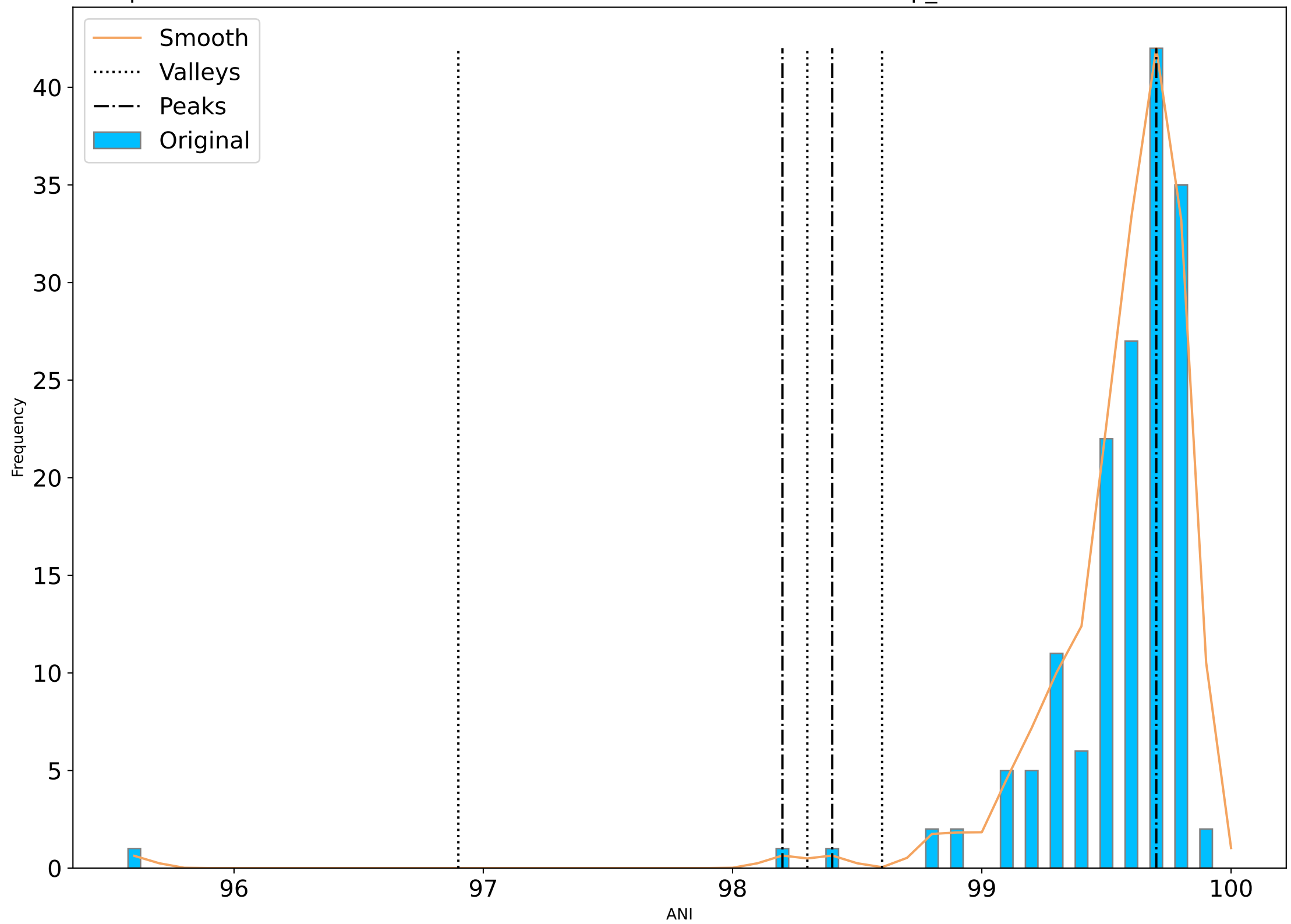
Species_1661
Group 2

Norm_test 6.496826198844415e-63
Dip_test 0.0



Species_1664
Group 2

Norm_test 4.992210963165016e-53
Dip_test 4.248304668386105e-06

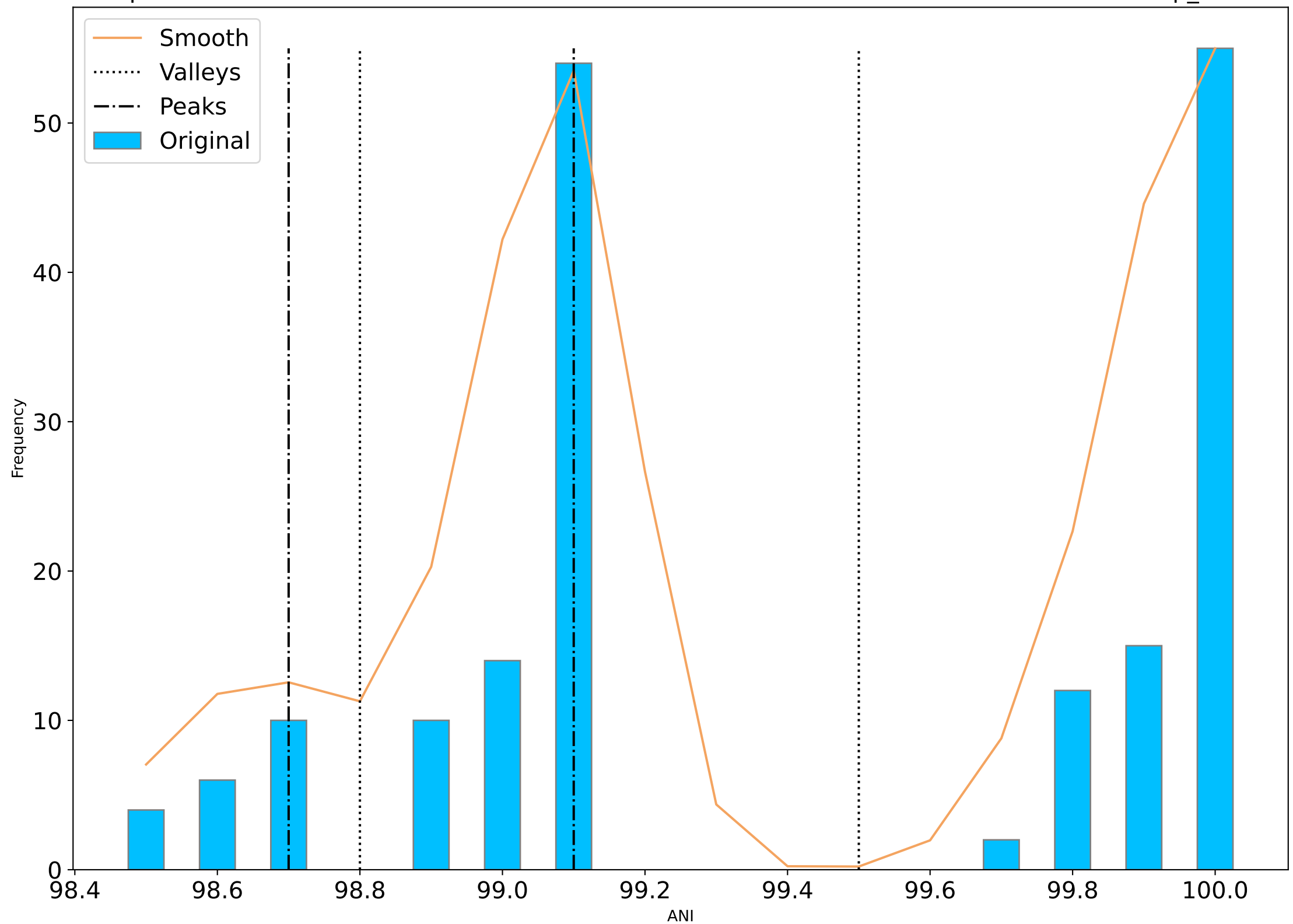


Species_1666

Group 1

Norm_test 0.0

Dip_test 0.0

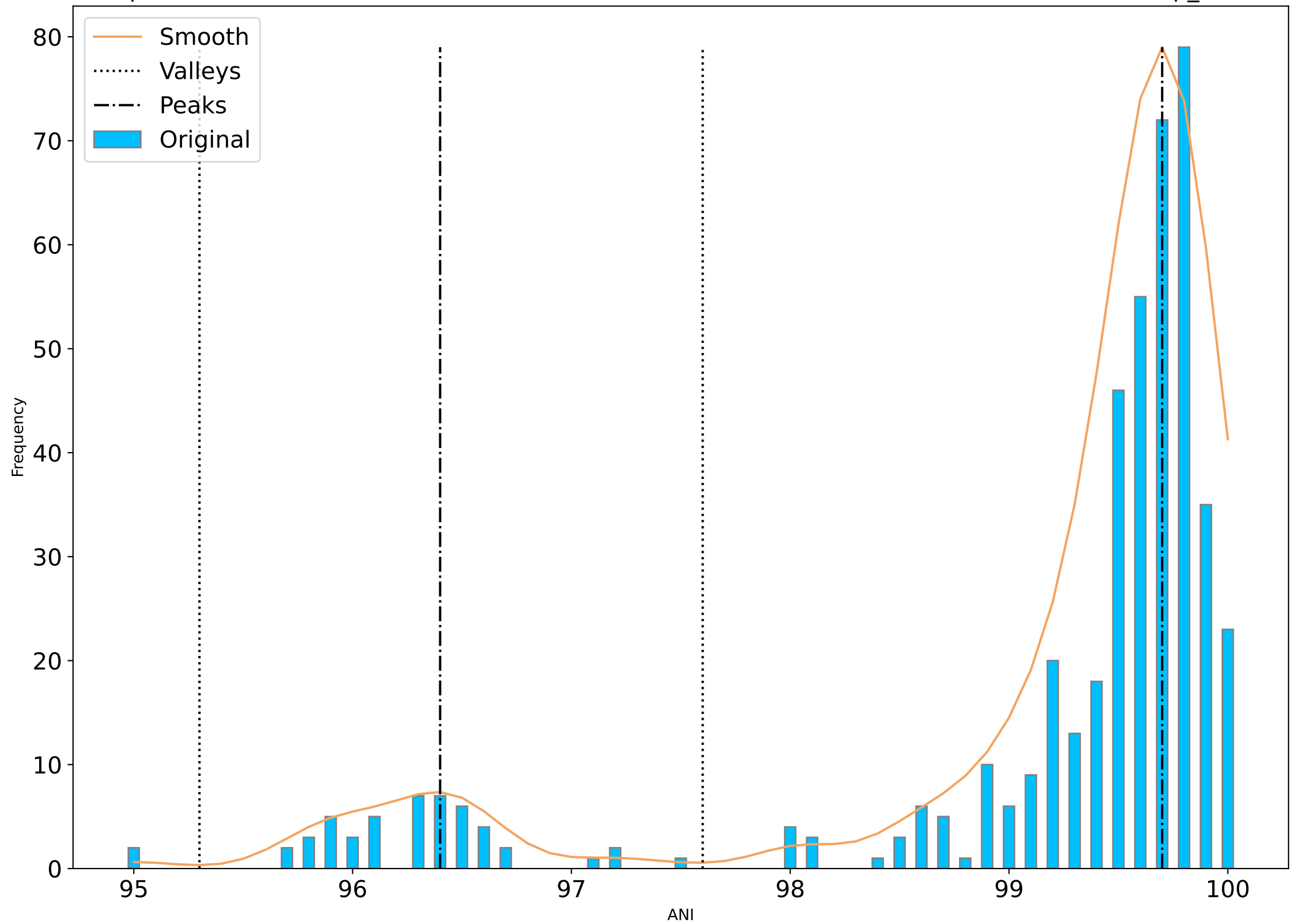


Species_1667

Group 3

Norm_test 2.0059661571479598e-44

Dip_test 0.0

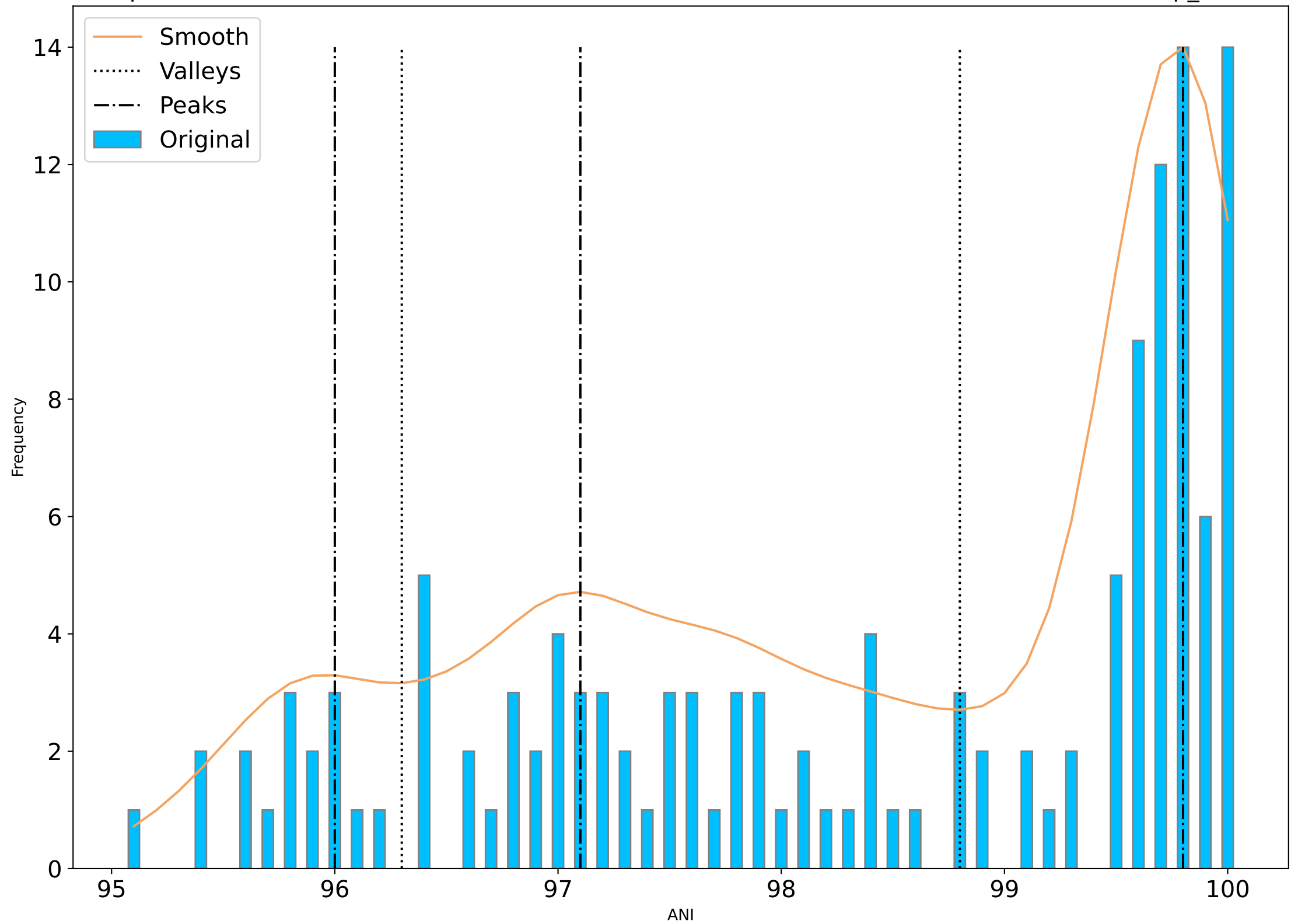


Species_1674

Group 1

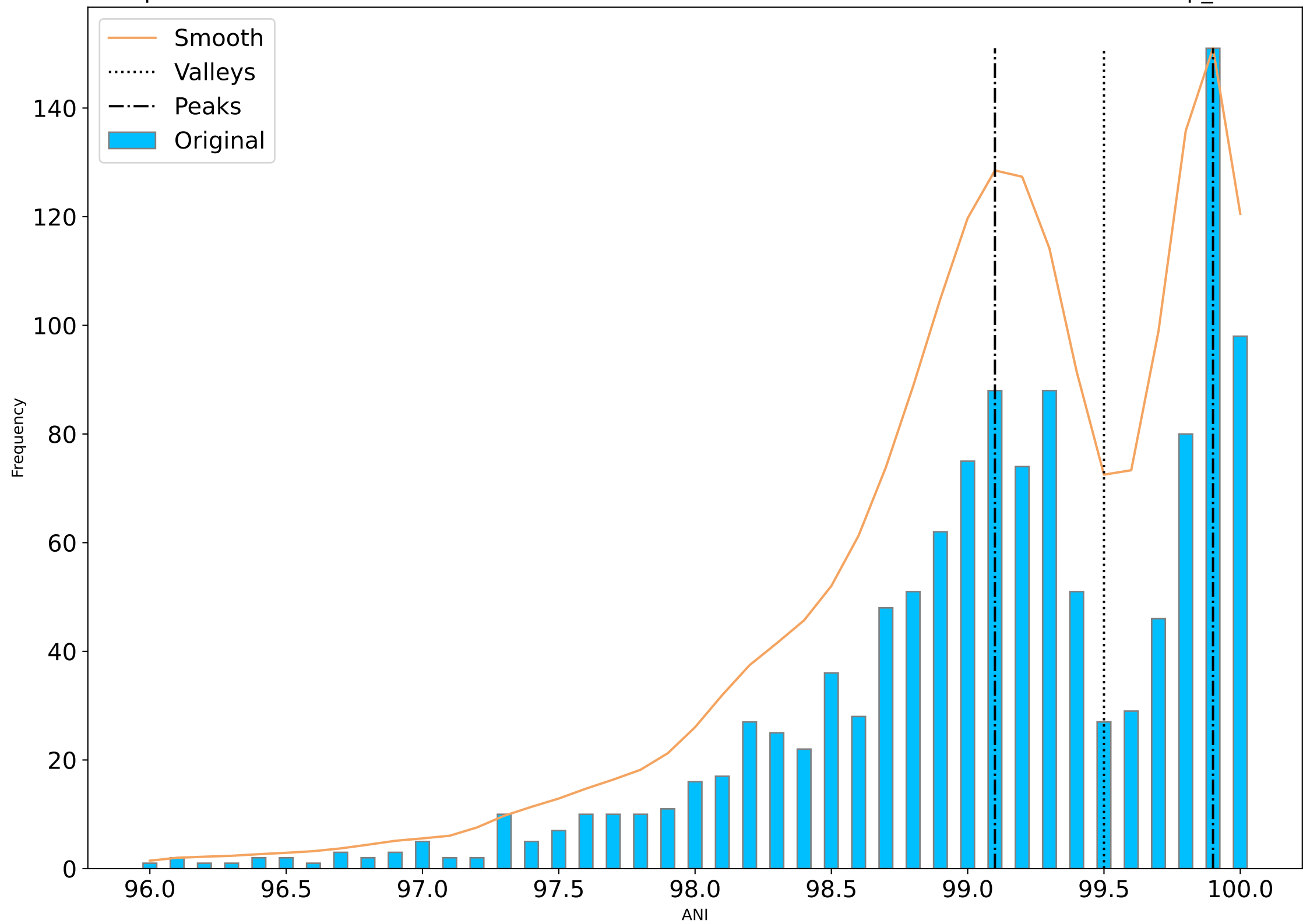
Norm_test 3.4643734534209622e-12

Dip_test 0.0



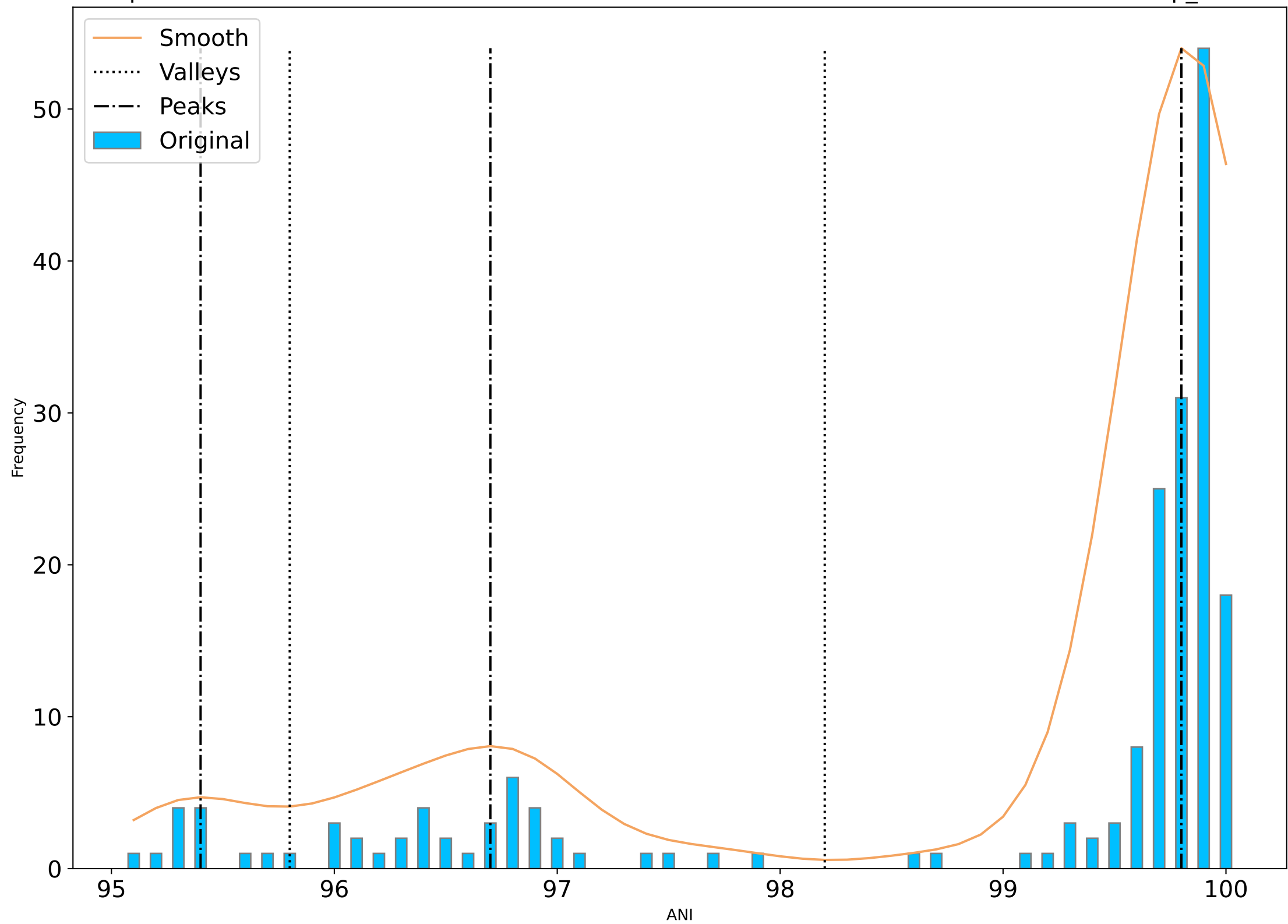
Species_1685
Group 1

Norm_test 8.228871135186907e-46
Dip_test 0.0



Species_1686
Group 3

Norm_test 5.009759111518869e-09
Dip_test 0.0

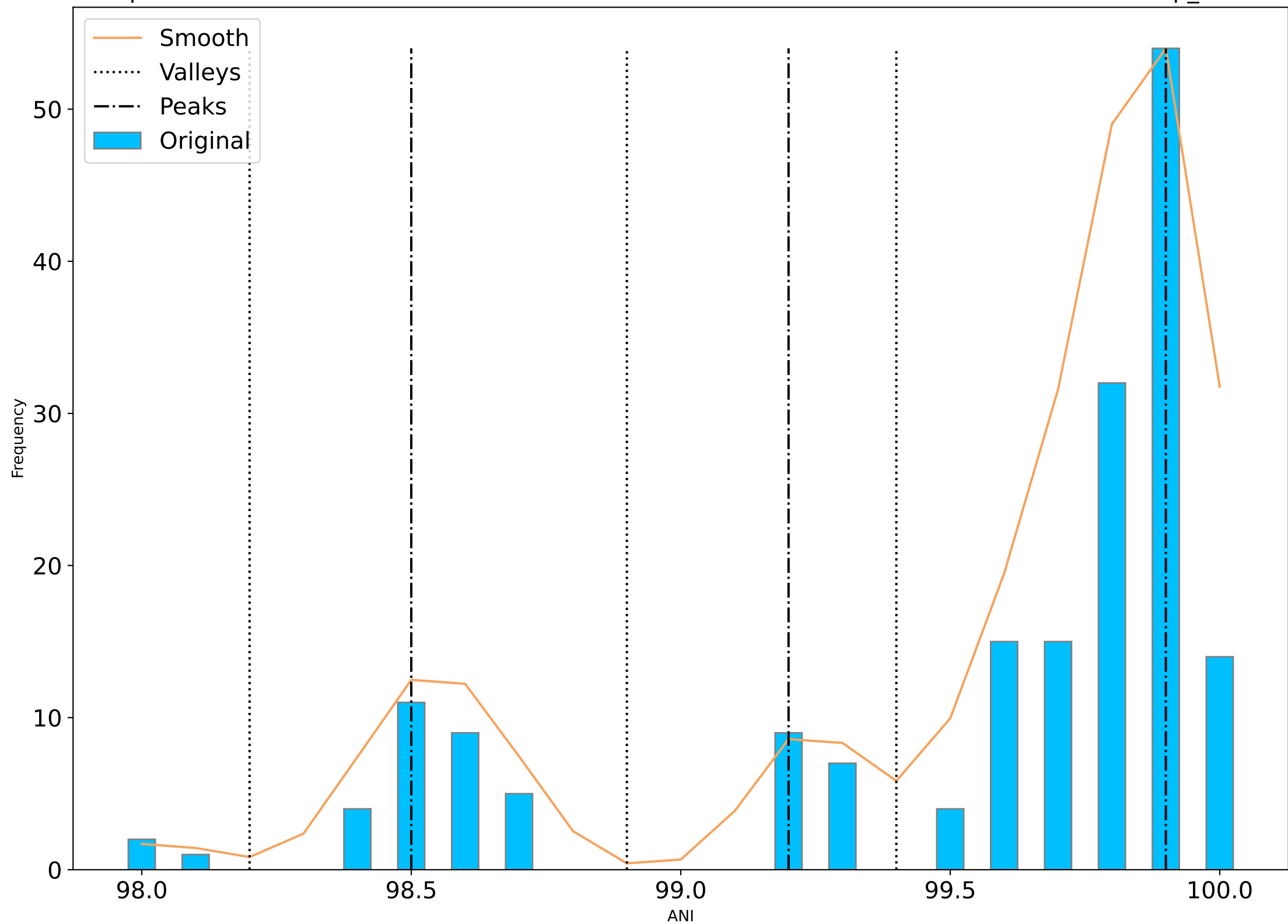


Species_1689

Group 2

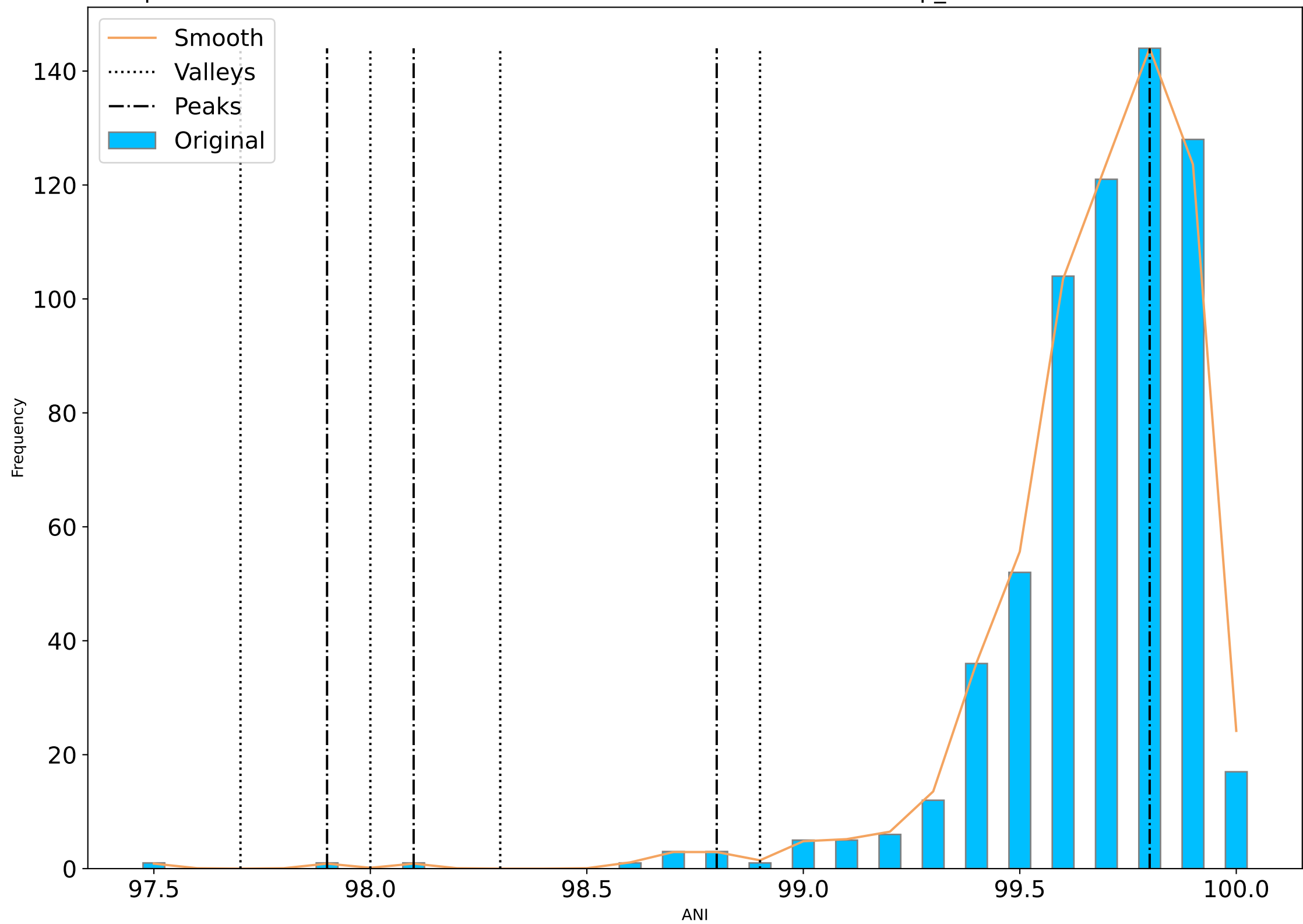
Norm_test 3.808322126682267e-09

Dip_test 0.0



Species_1694
Group 2

Norm_test 9.926324319014895e-104
Dip_test 0.0006923758290975357

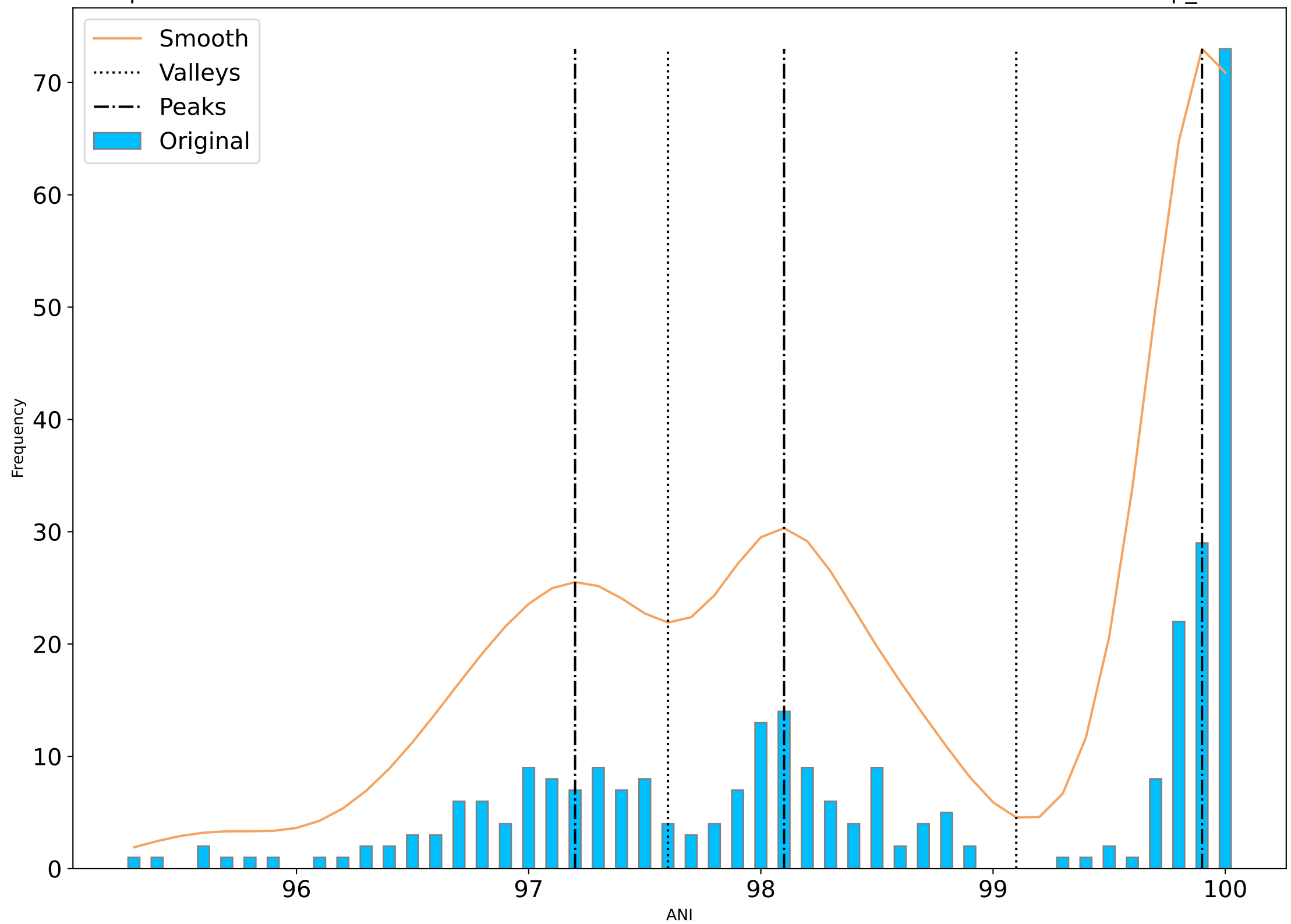


Species_1695

Group 1

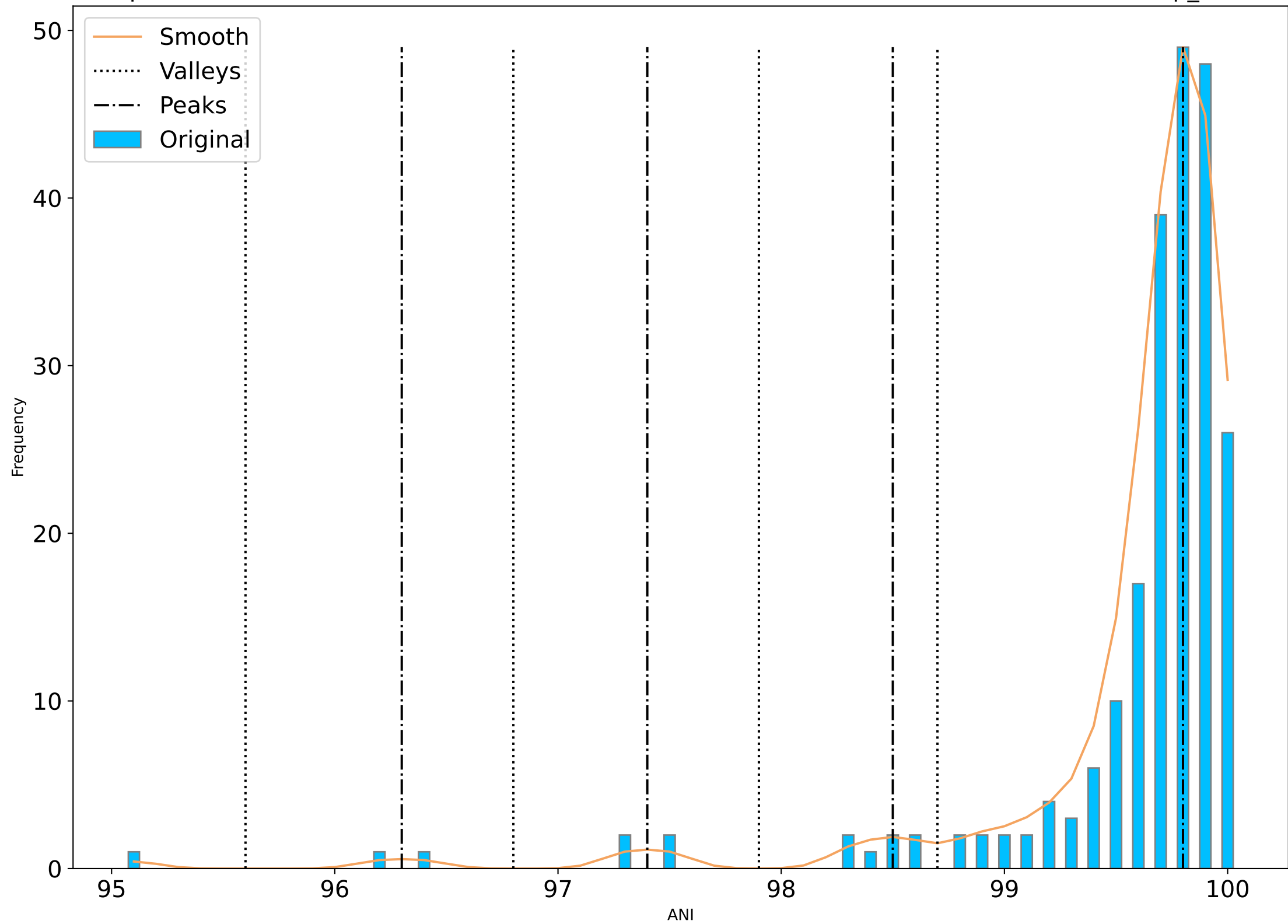
Norm_test 2.379405294532499e-29

Dip_test 0.0



Species_1703
Group 2

Norm_test 8.240840820198871e-49
Dip_test 0.0

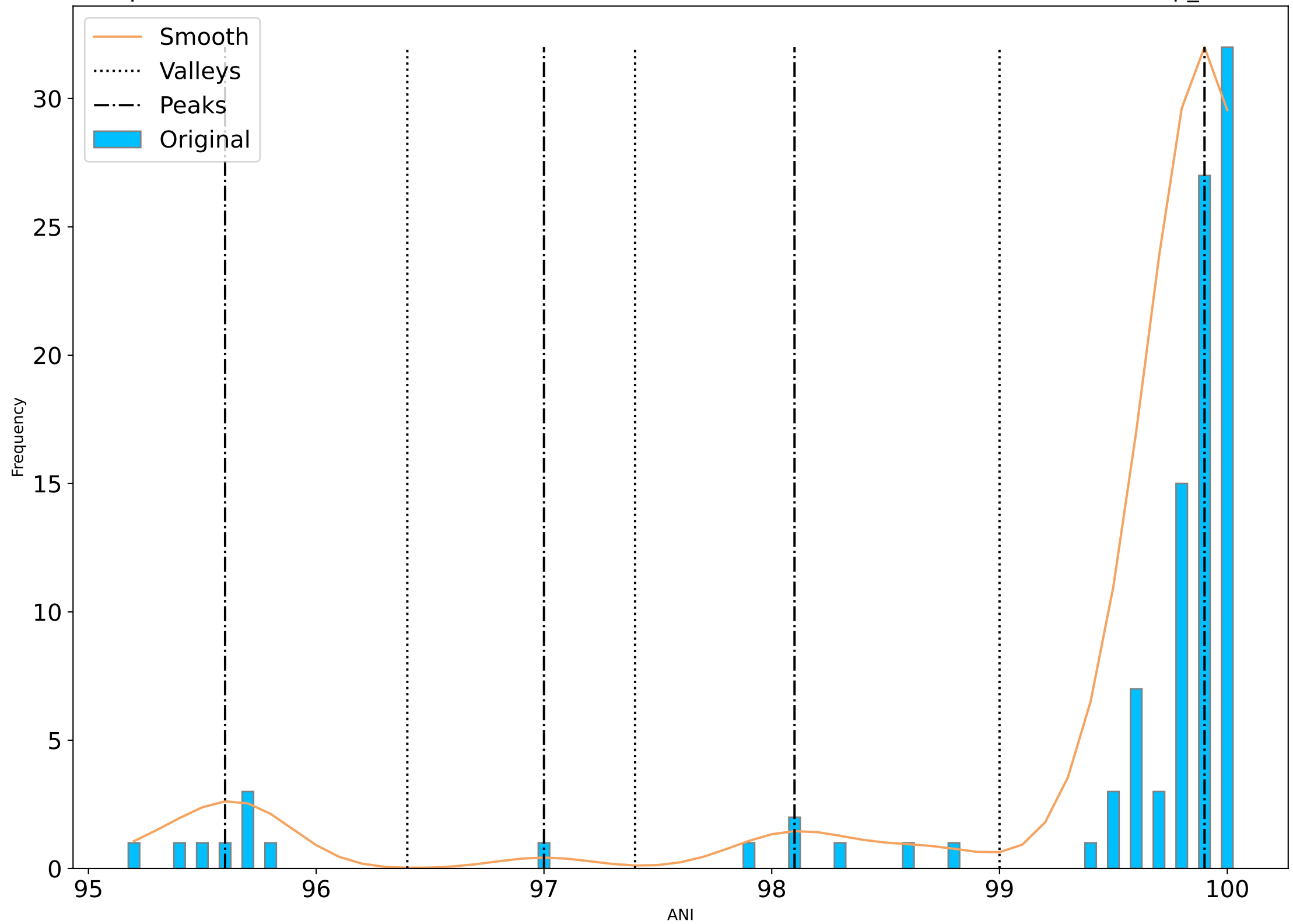


Species_1720

Group 1

Norm_test 1.3599113465120568e-15

Dip_test 0.0

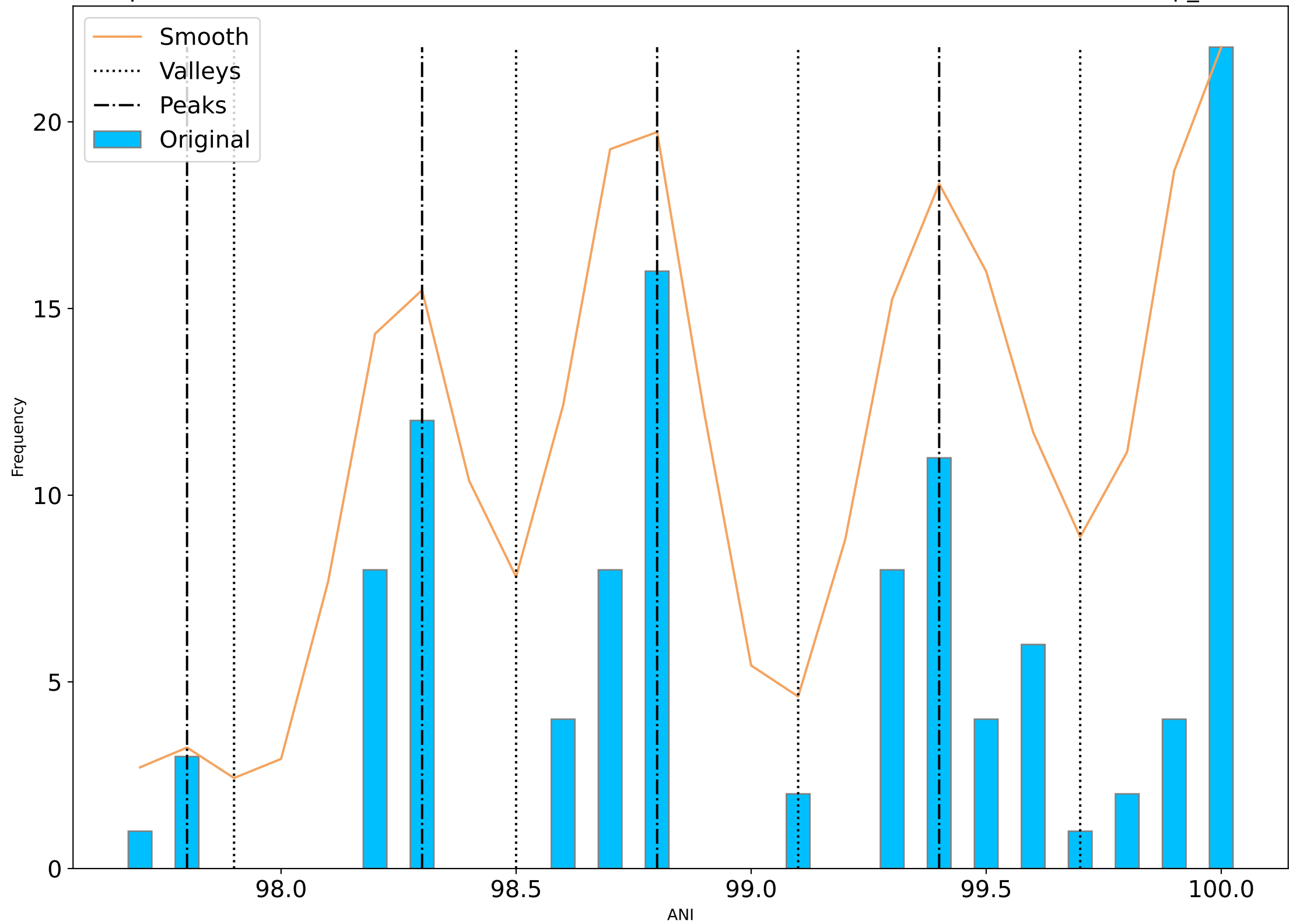


Species_1728

Group 1

Norm_test 3.8107266202707555e-08

Dip_test 0.0

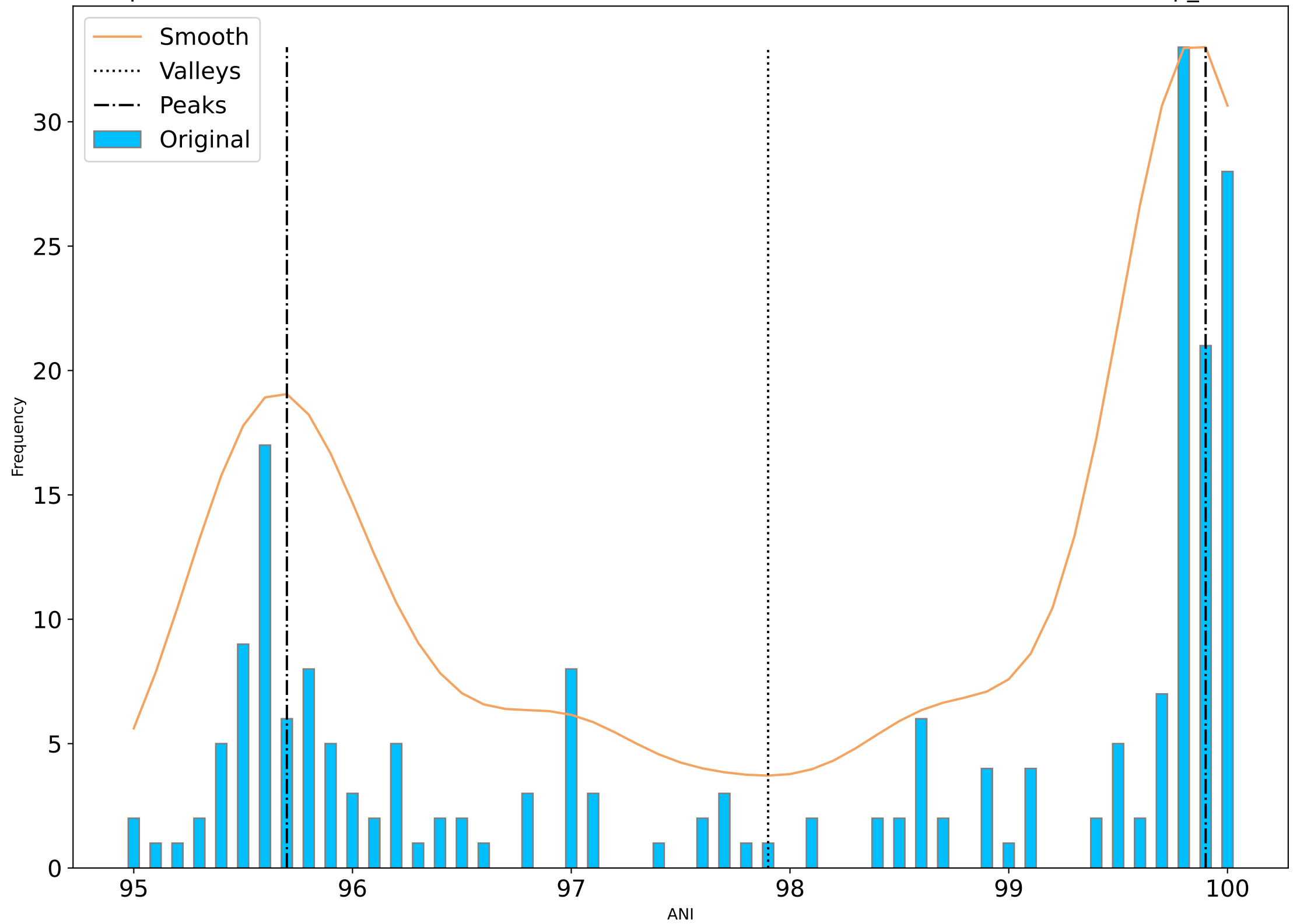


Species_1732

Group 3

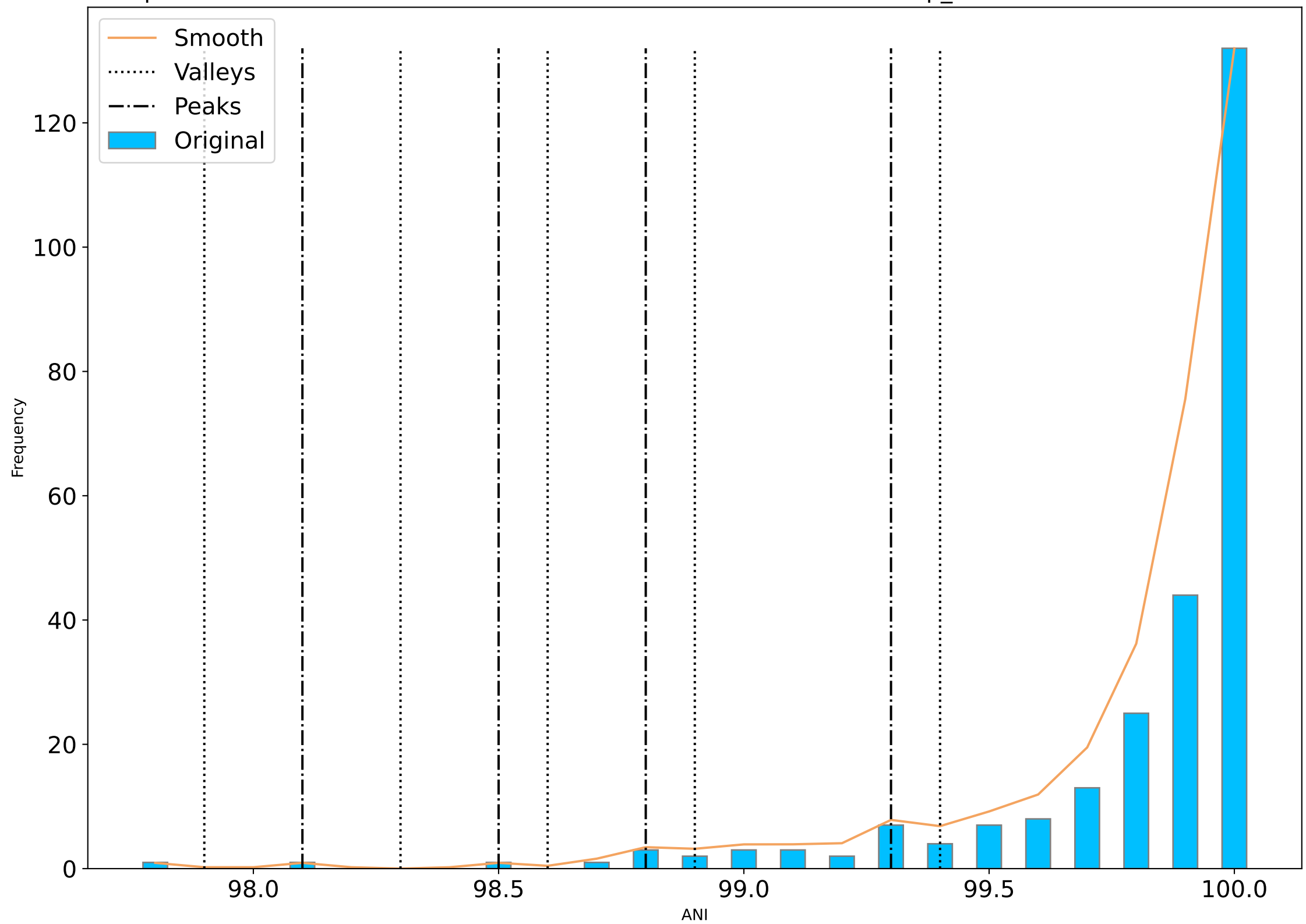
Norm_test 0.0

Dip_test 0.0



Species_1740
Group 2

Norm_test 1.579465177318479e-39
Dip_test 2.489170561559284e-06

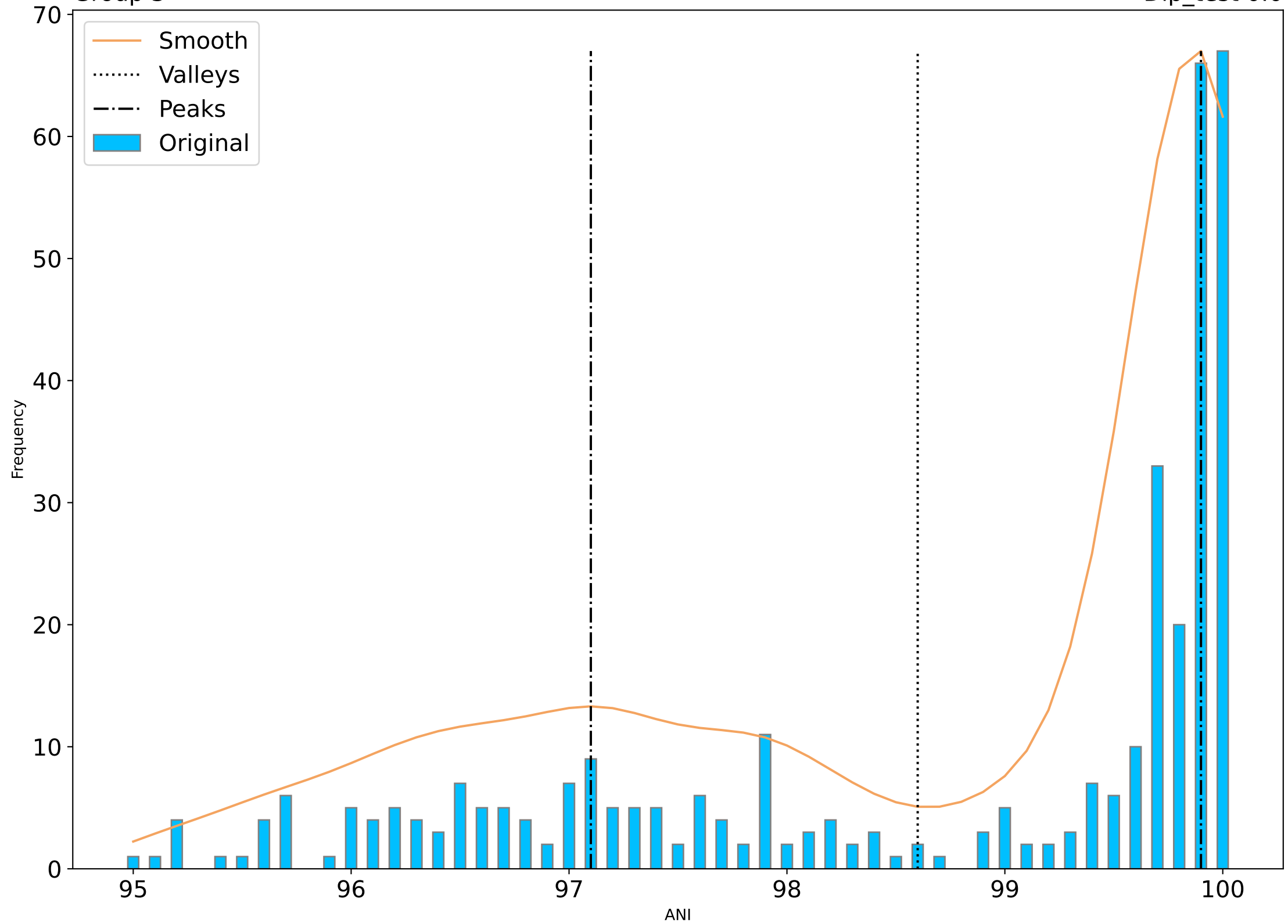


Species_1748

Group 3

Norm_test 1.800119437502076e-13

Dip_test 0.0

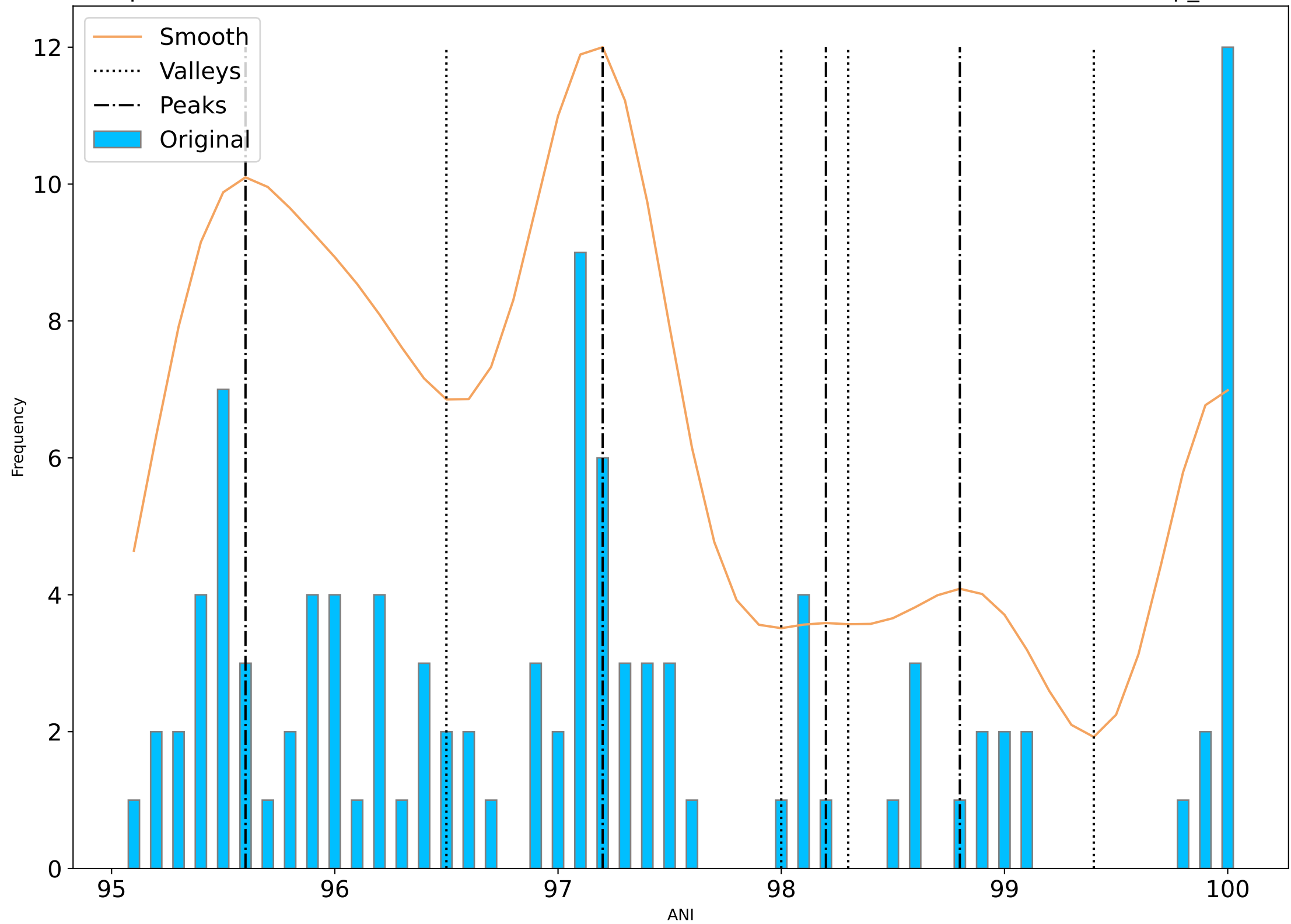


Species_1752

Group 1

Norm_test 0.00137420550480581

Dip_test 0.0

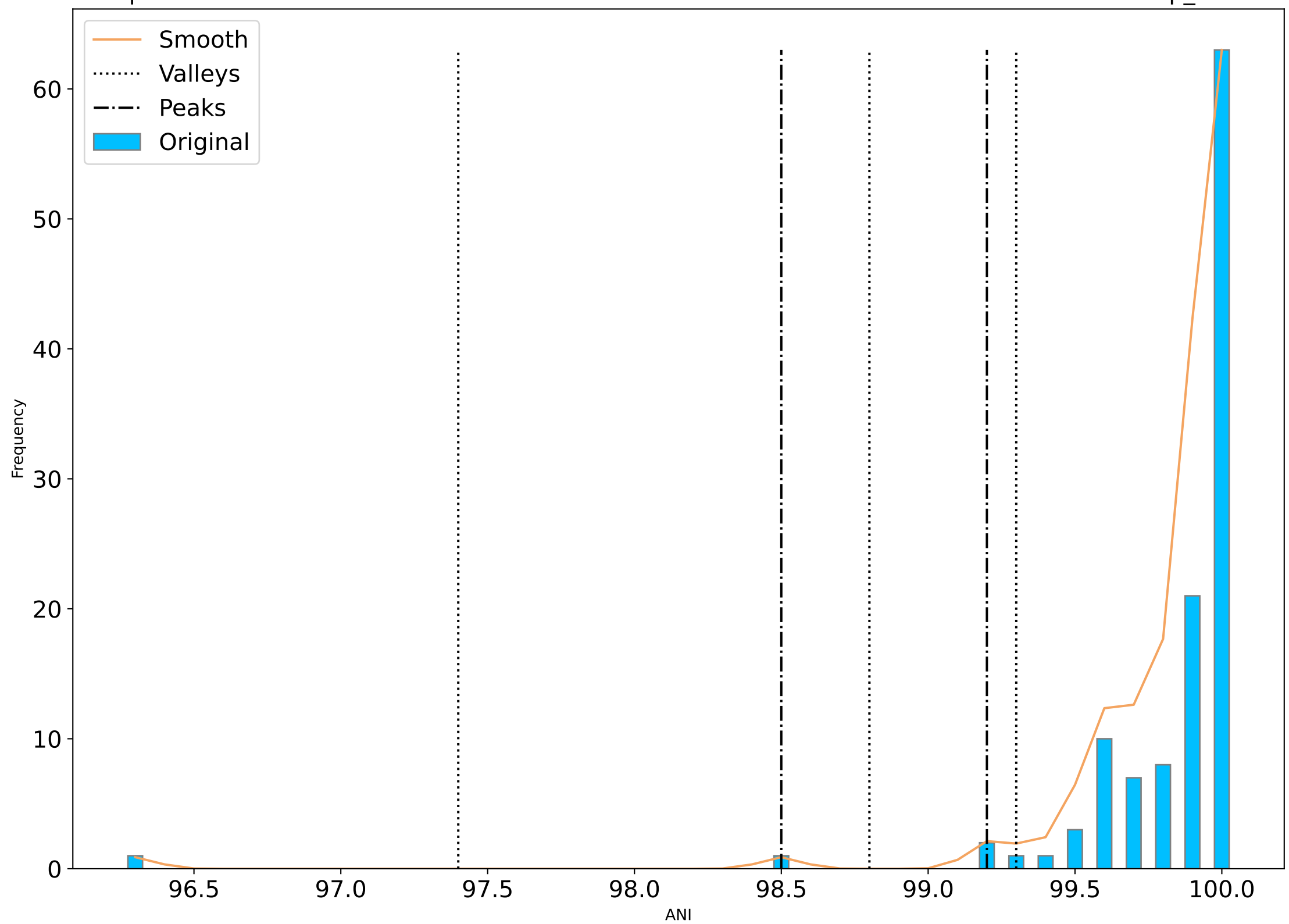


Species_1779

Group 2

Norm_test 1.198636760648869e-42

Dip_test 0.0

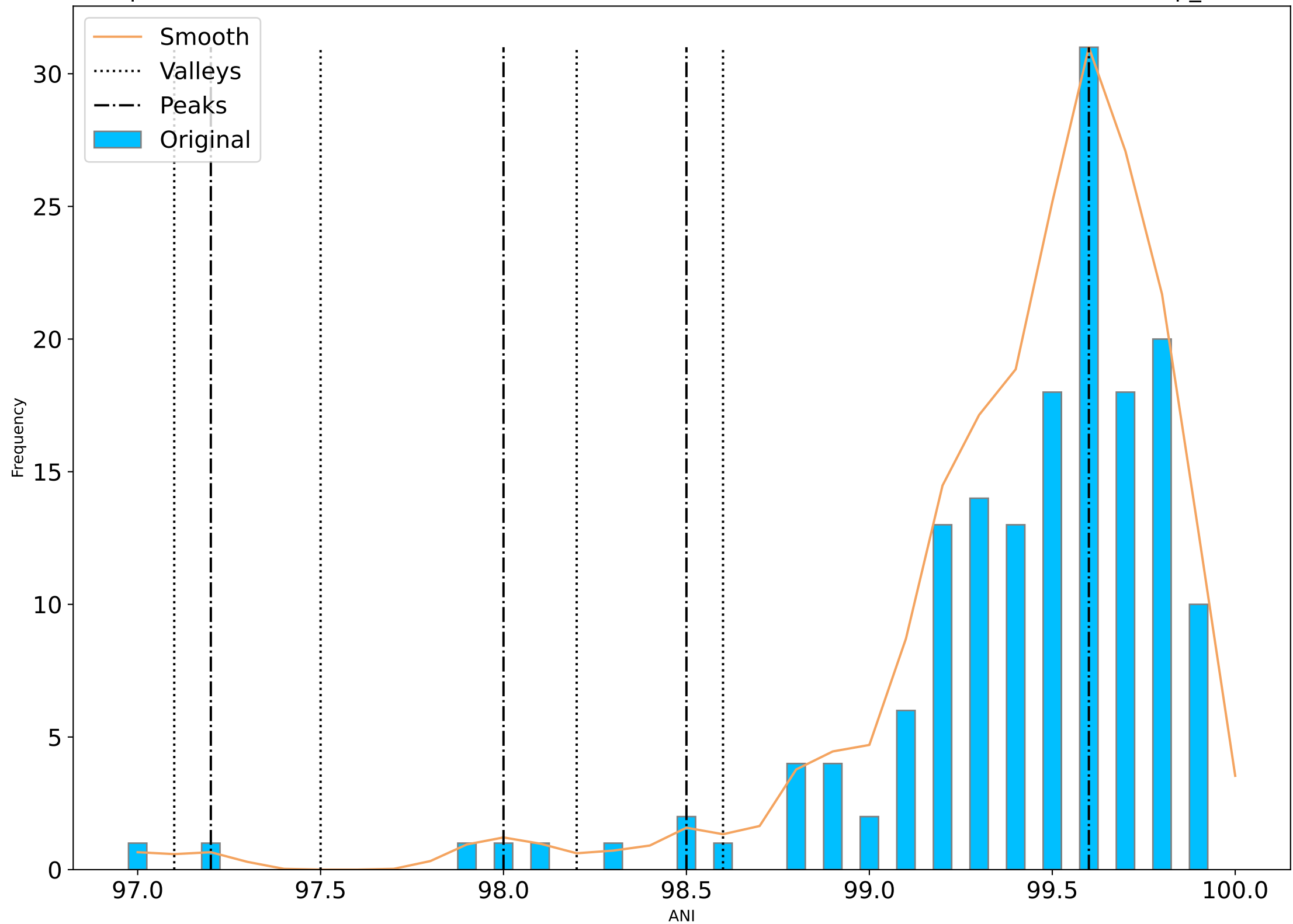


Species_1782

Group 3

Norm_test 4.294853284359162e-24

Dip_test 0.0

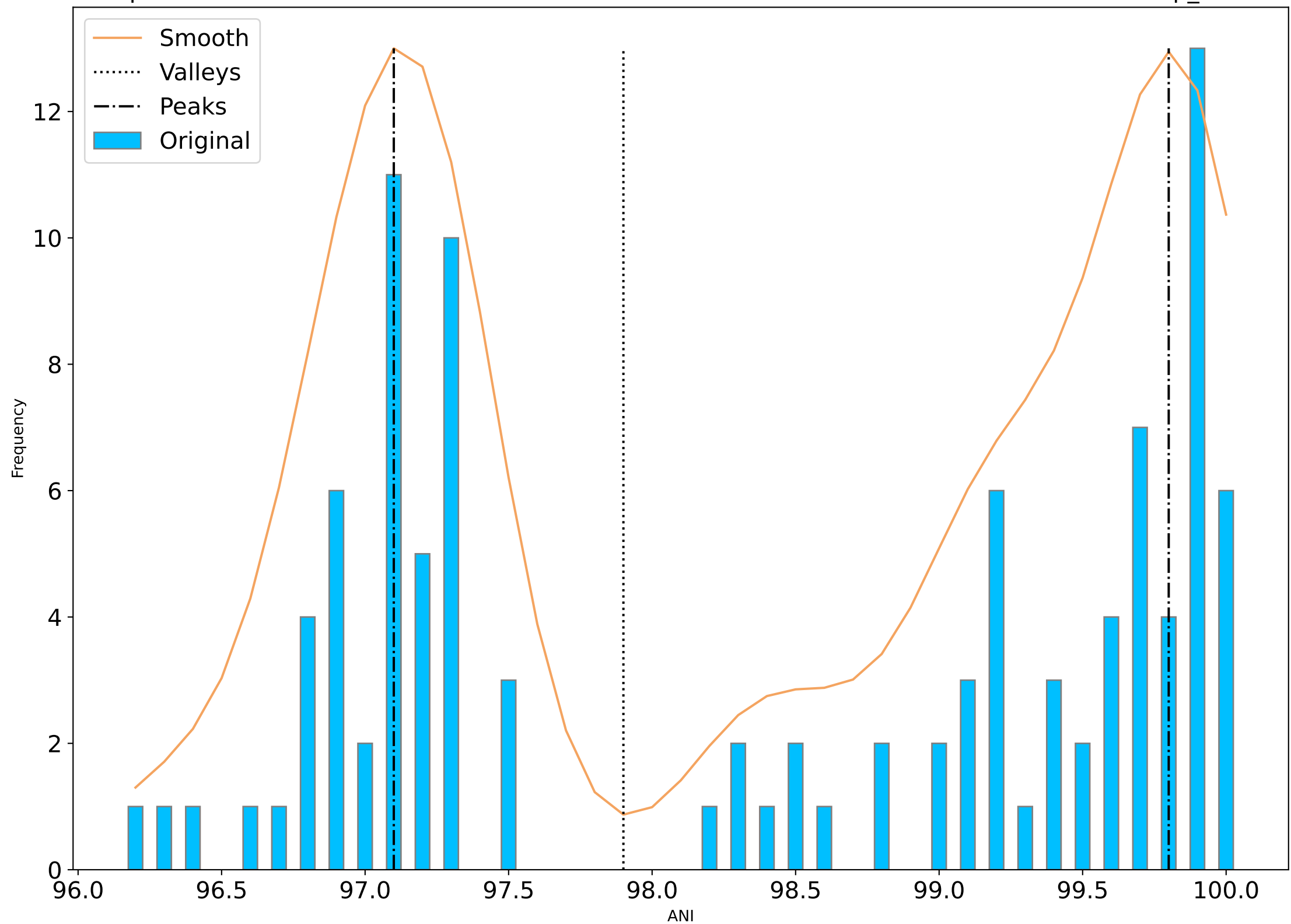


Species_1787

Group 3

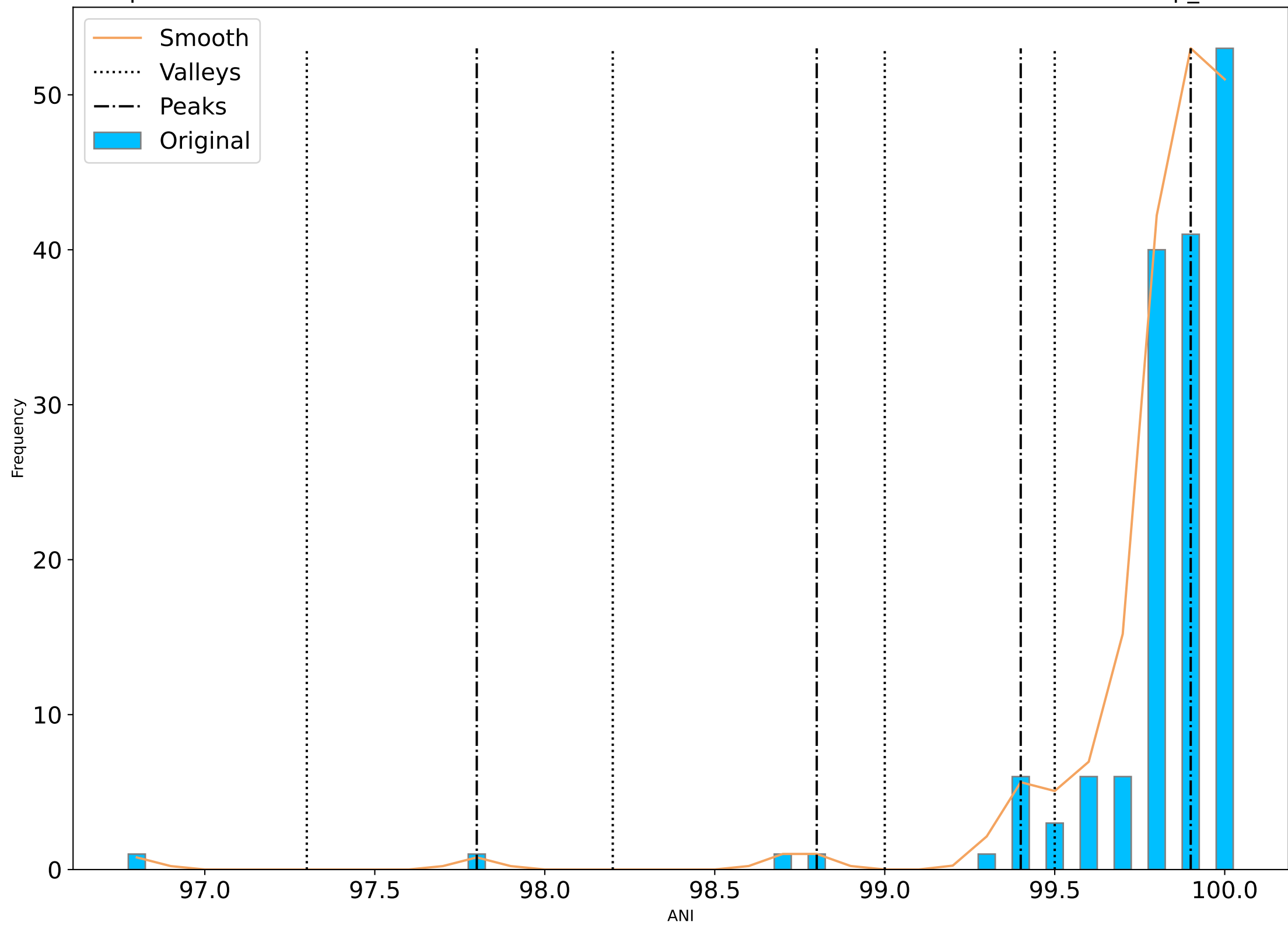
Norm_test 0.0

Dip_test 0.0



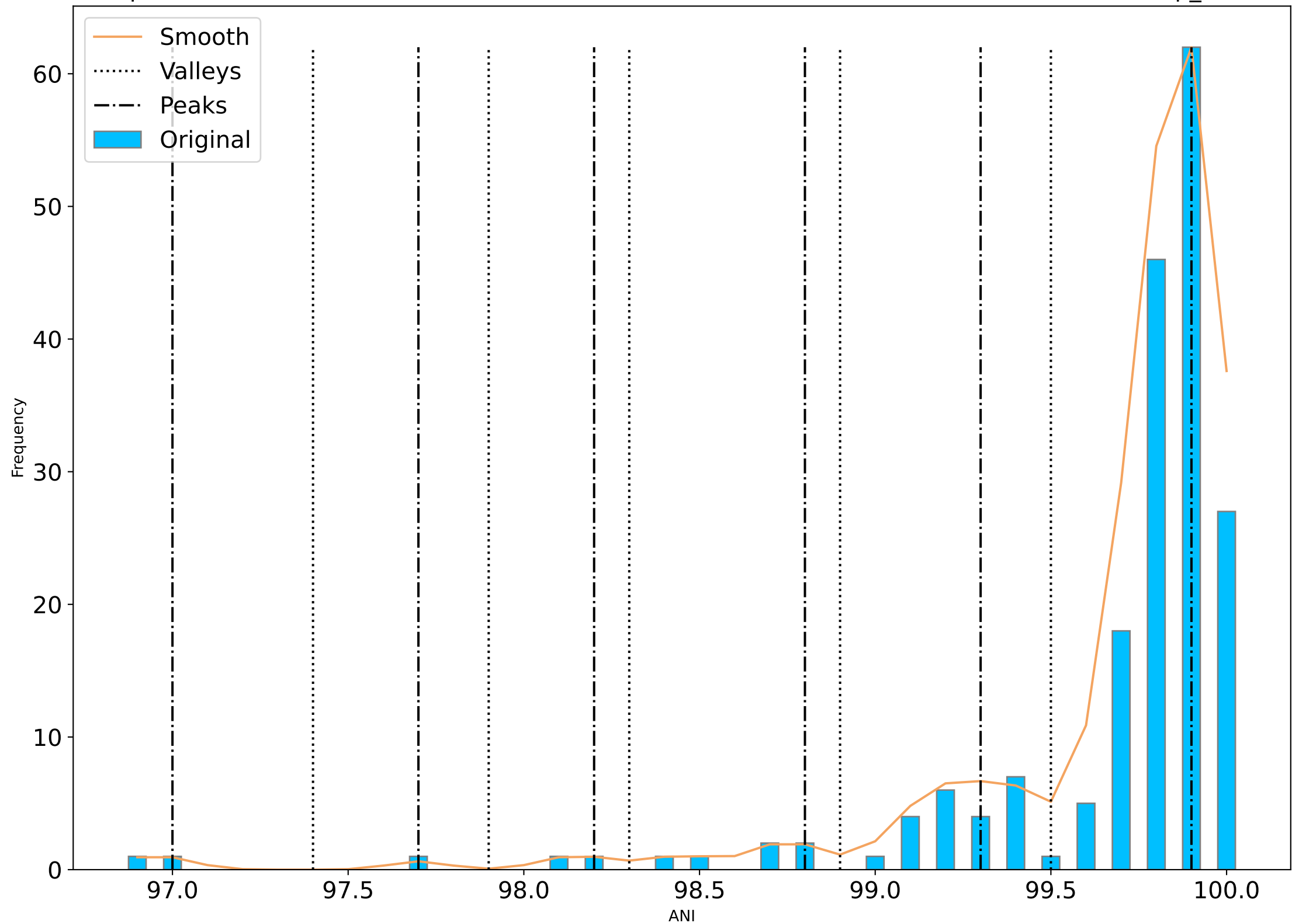
Species_1804
Group 2

Norm_test 3.2575125994549546e-49
Dip_test 0.0



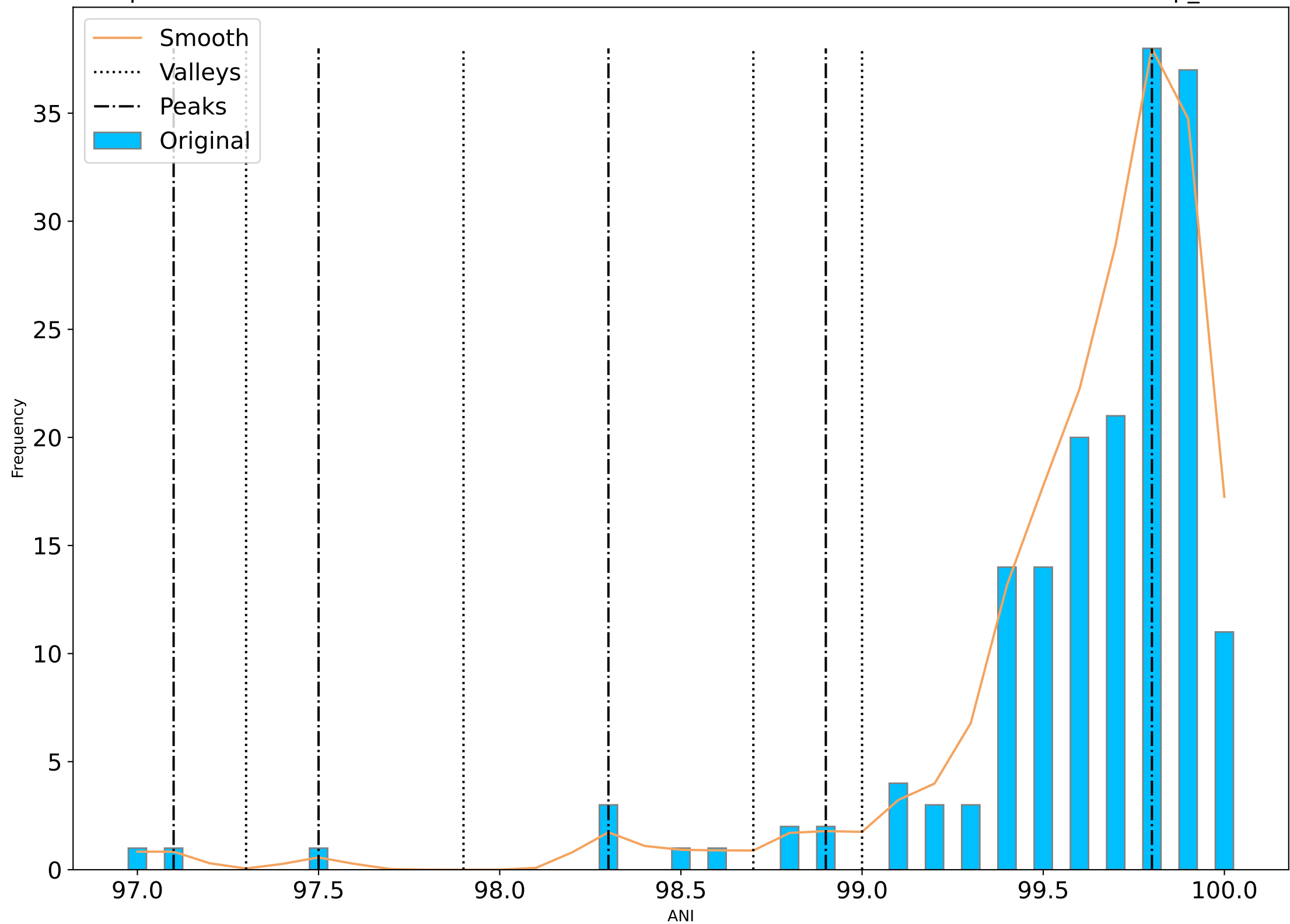
Species_1809
Group 2

Norm_test 2.865042079294396e-37
Dip_test 0.0



Species_1818
Group 2

Norm_test 9.789999691465157e-33
Dip_test 0.0

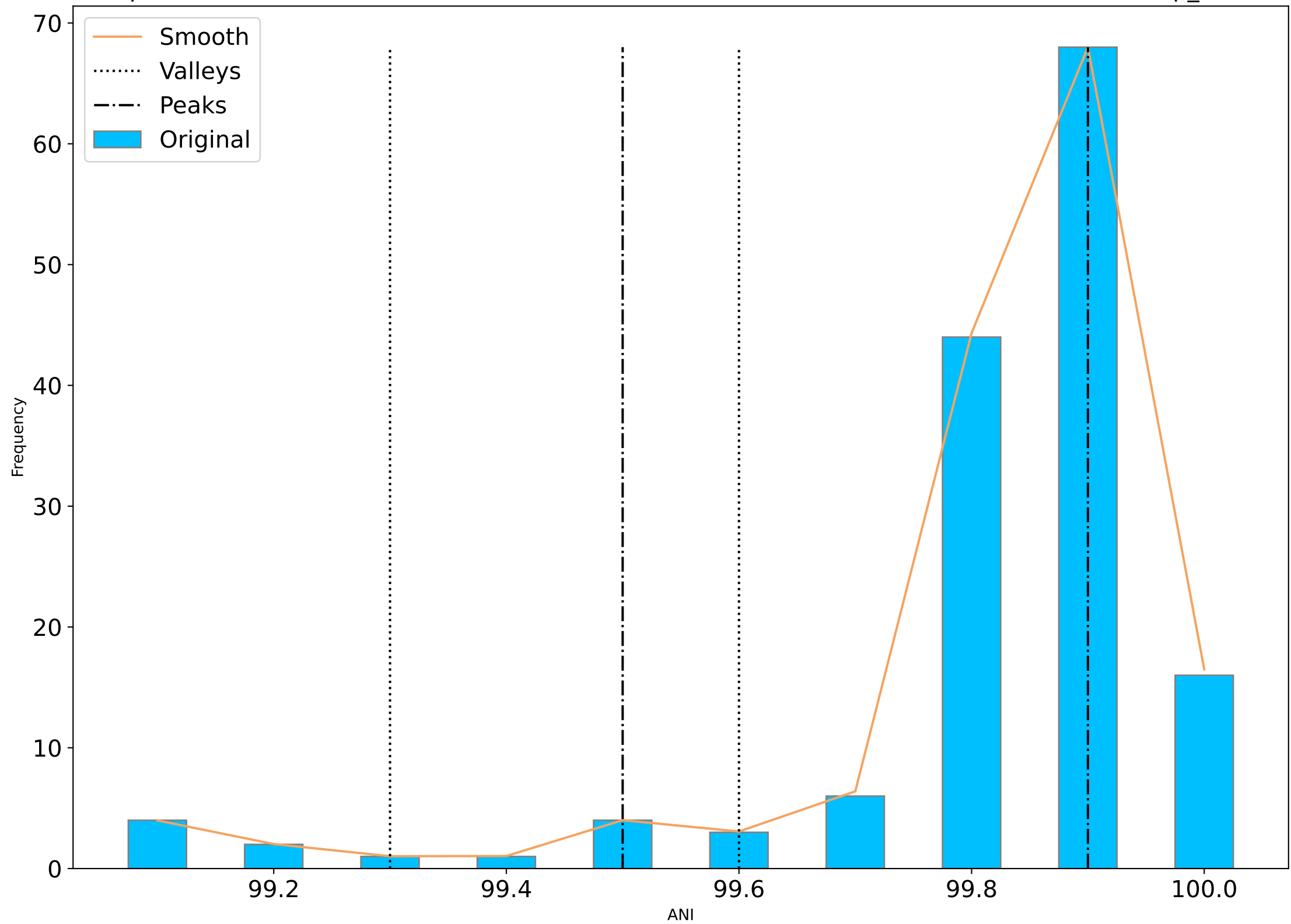


Species_1824

Group 2

Norm_test 2.0426186387800866e-21

Dip_test 0.0

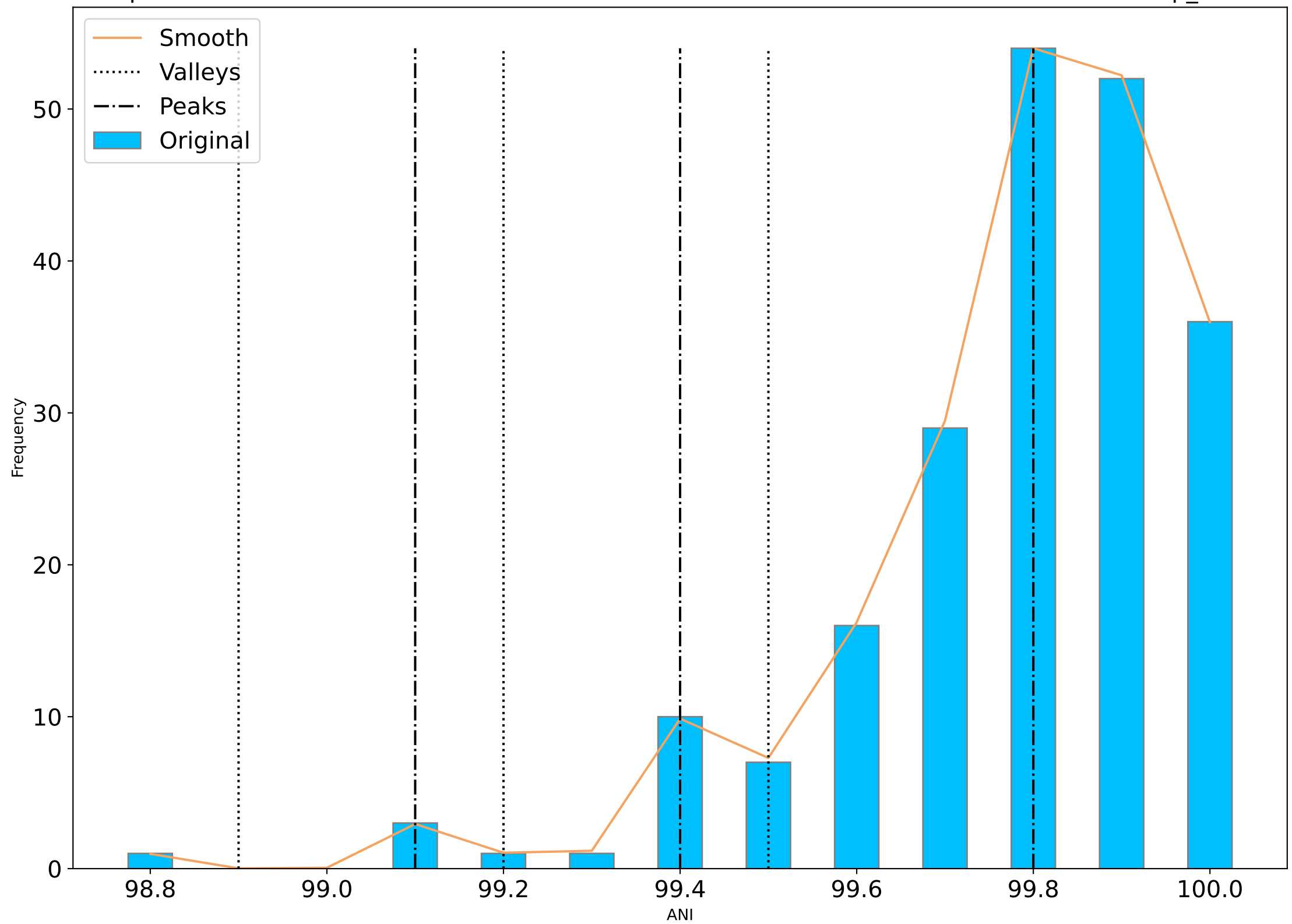


Species_1831

Group 2

Norm_test 2.431676729086619e-19

Dip_test 0.0

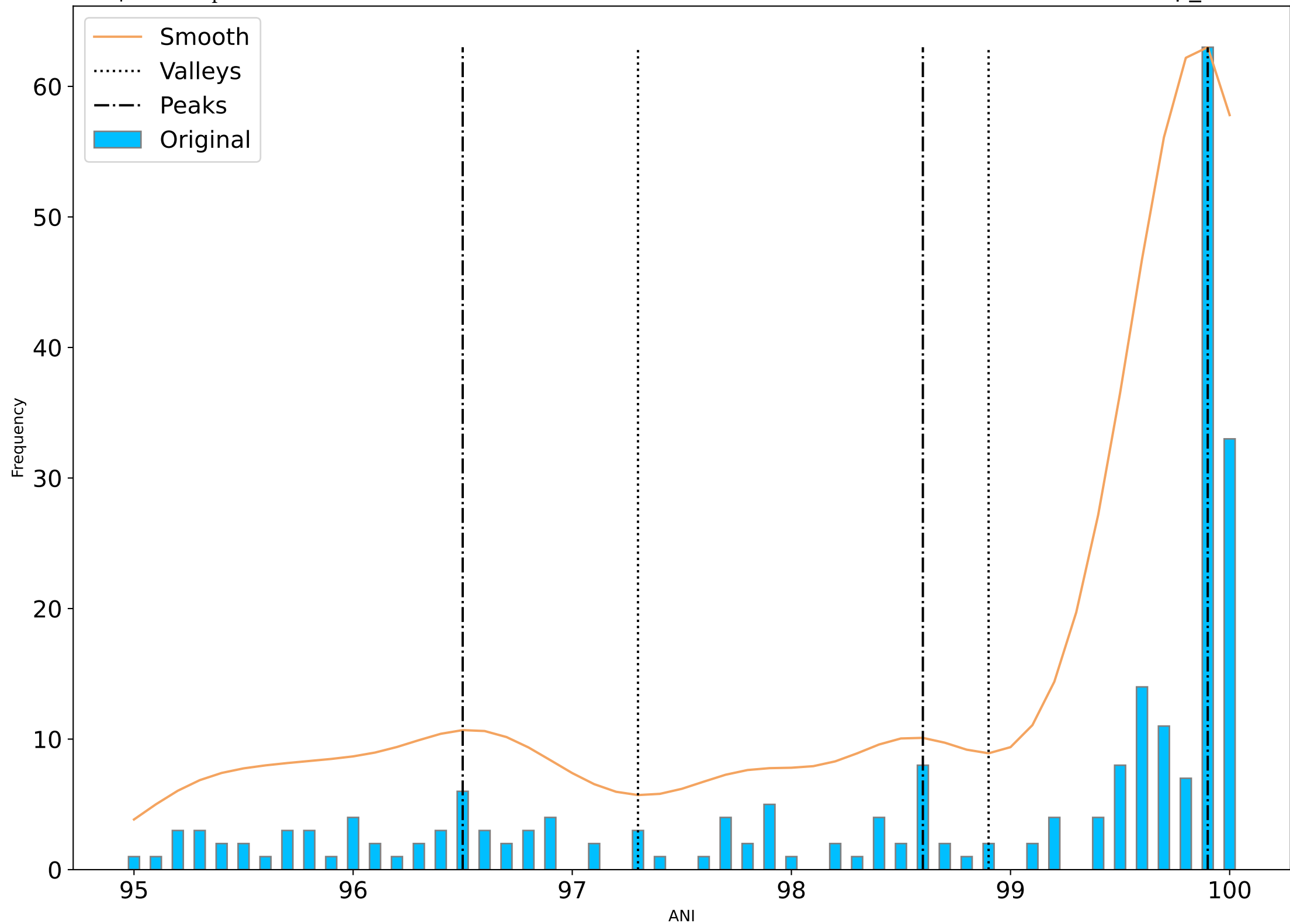


Species_1836

Norm_test 4.155149303512974e-08

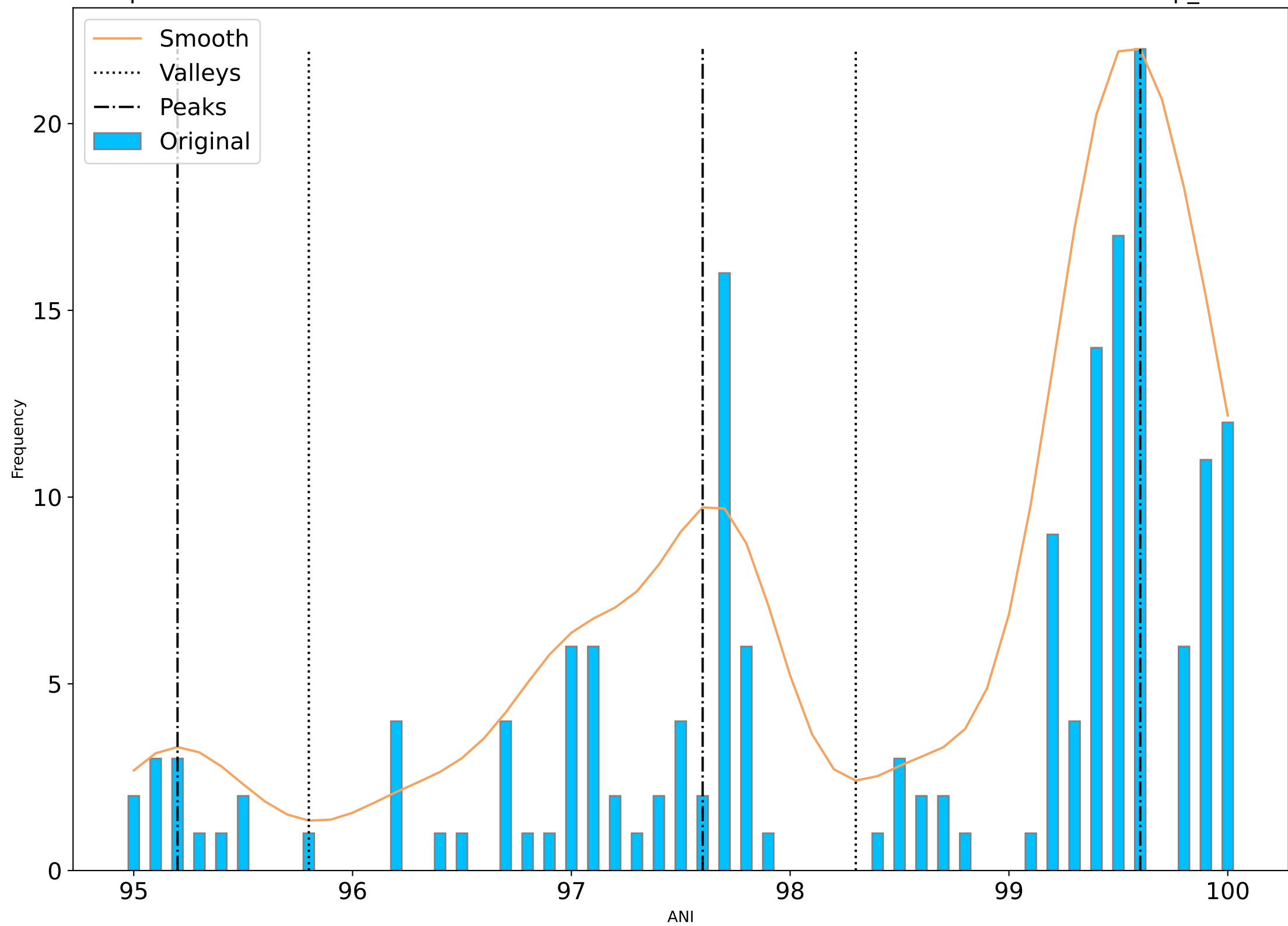
Dip_test 0.0

Group 1 Group 2



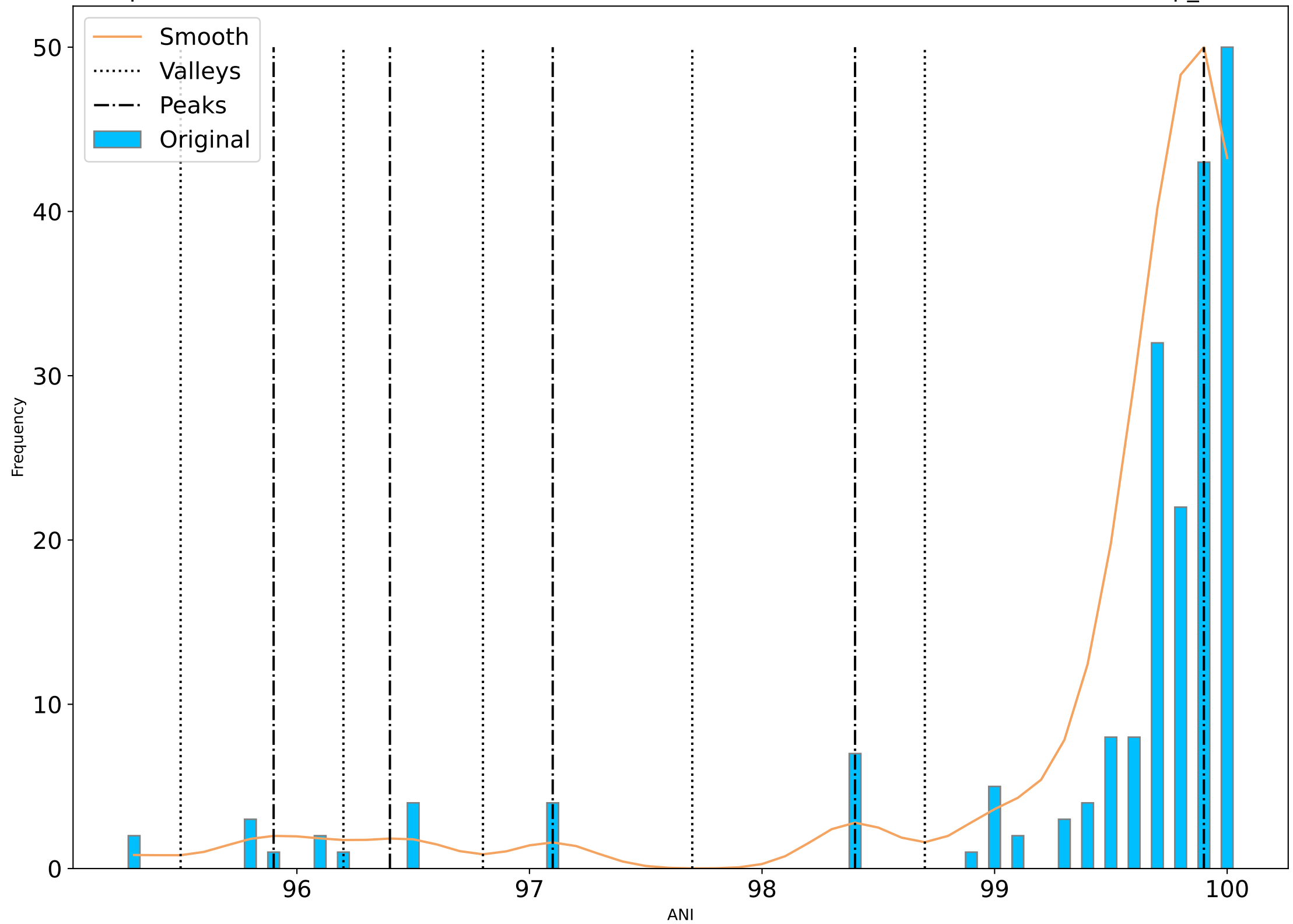
Species_1844
Group 3

Norm_test 7.923127622759645e-05
Dip_test 0.0



Species_1845
Group 3

Norm_test 5.347729552677046e-28
Dip_test 0.0

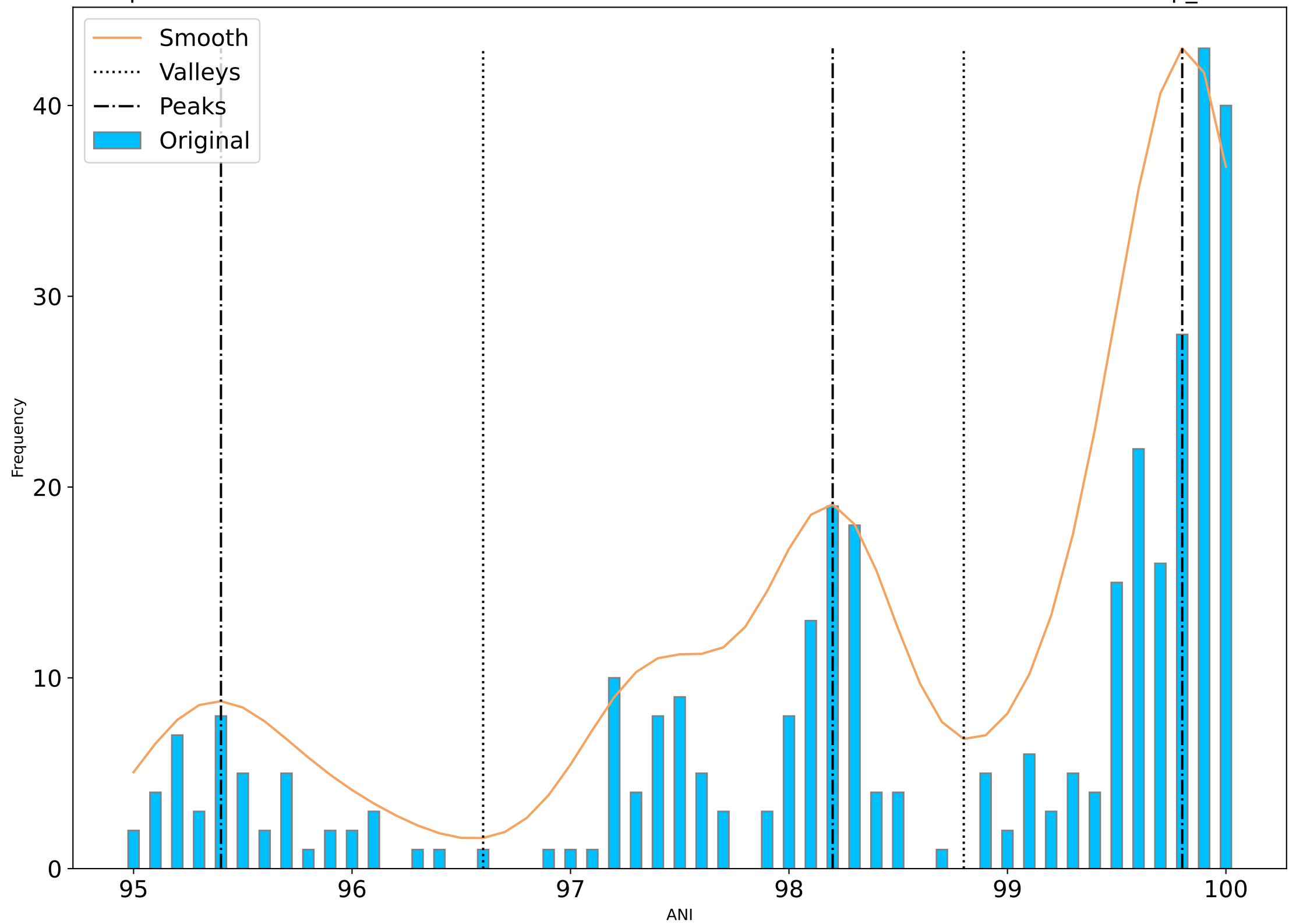


Species_1846

Group 1

Norm_test 1.0018895860176547e-09

Dip_test 0.0

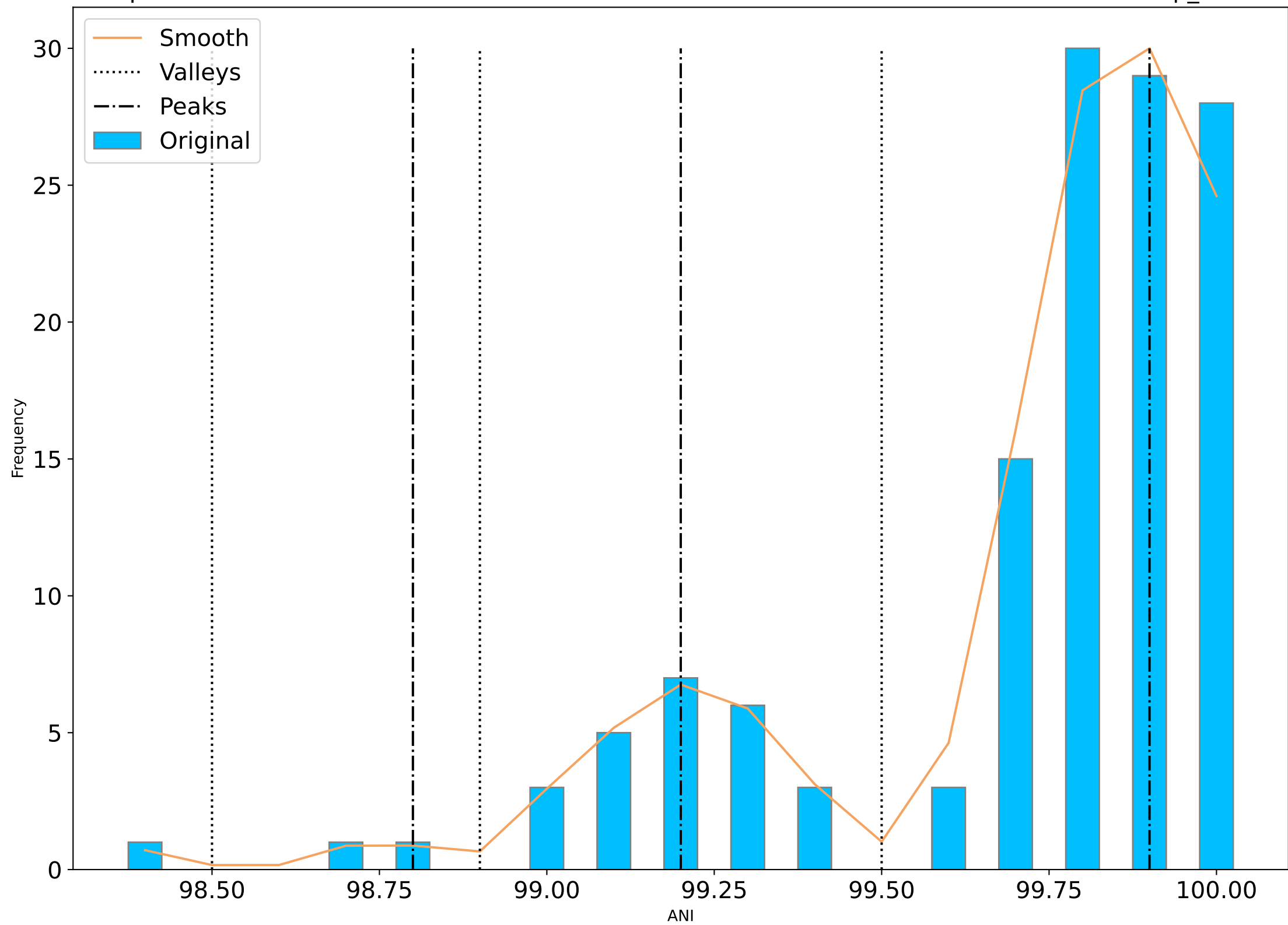


Species_1877

Group 2

Norm_test 2.249604930079442e-10

Dip_test 0.0

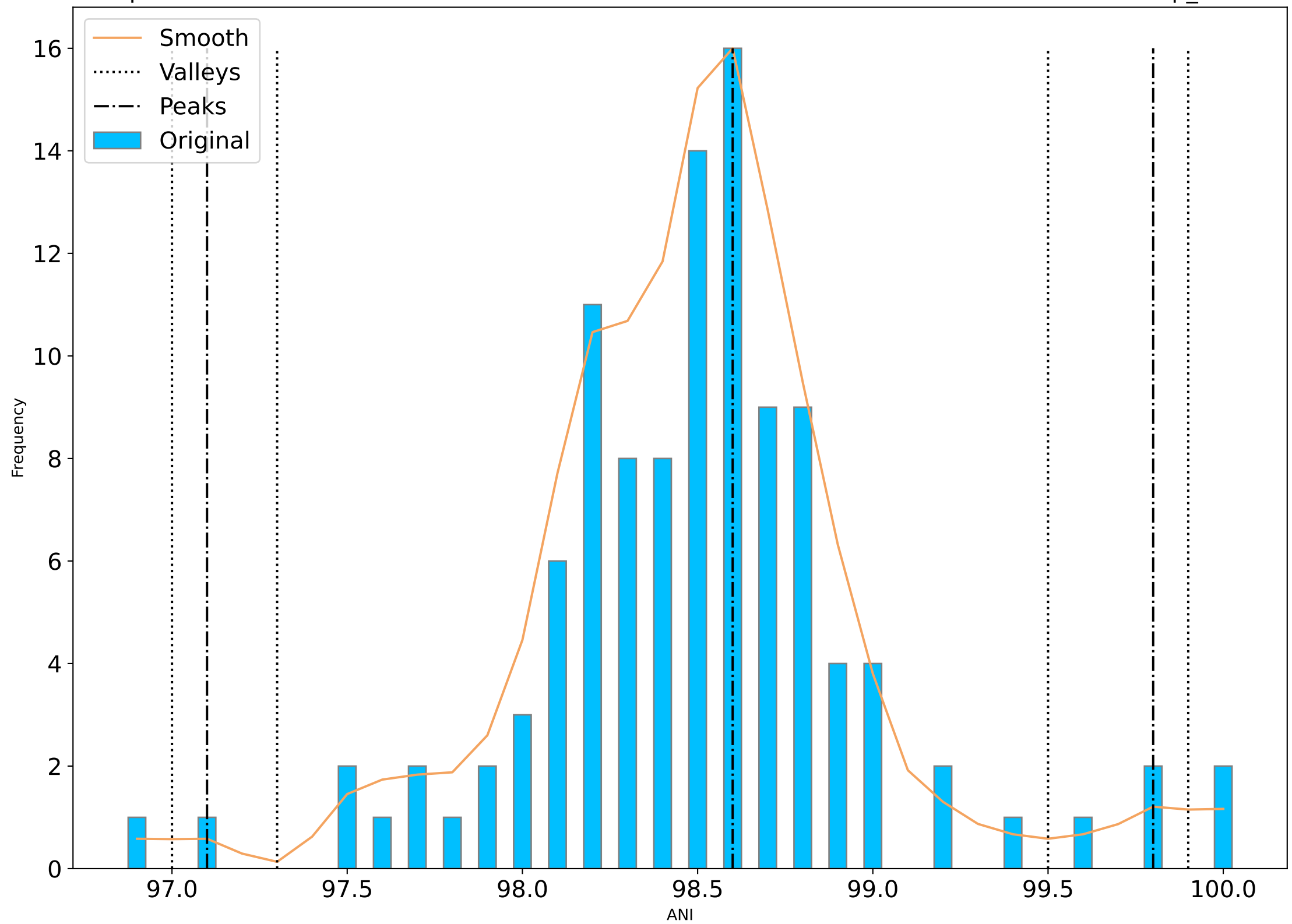


Species_1884

Group 1

Norm_test 0.008246716074438578

Dip_test 0.0

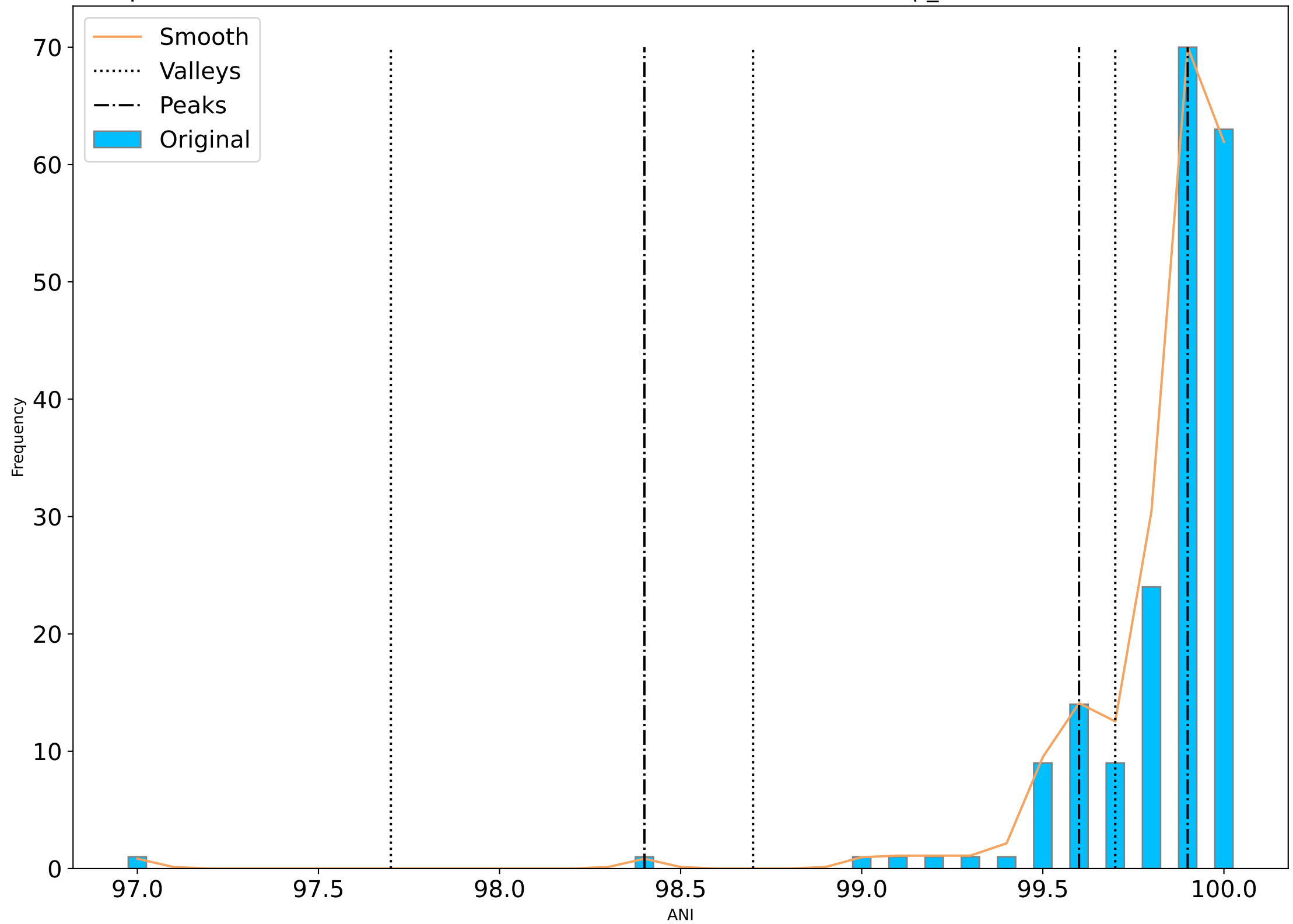


Species_1914

Group 2

Norm_test 6.864463885752713e-59

Dip_test 8.744490637924152e-06

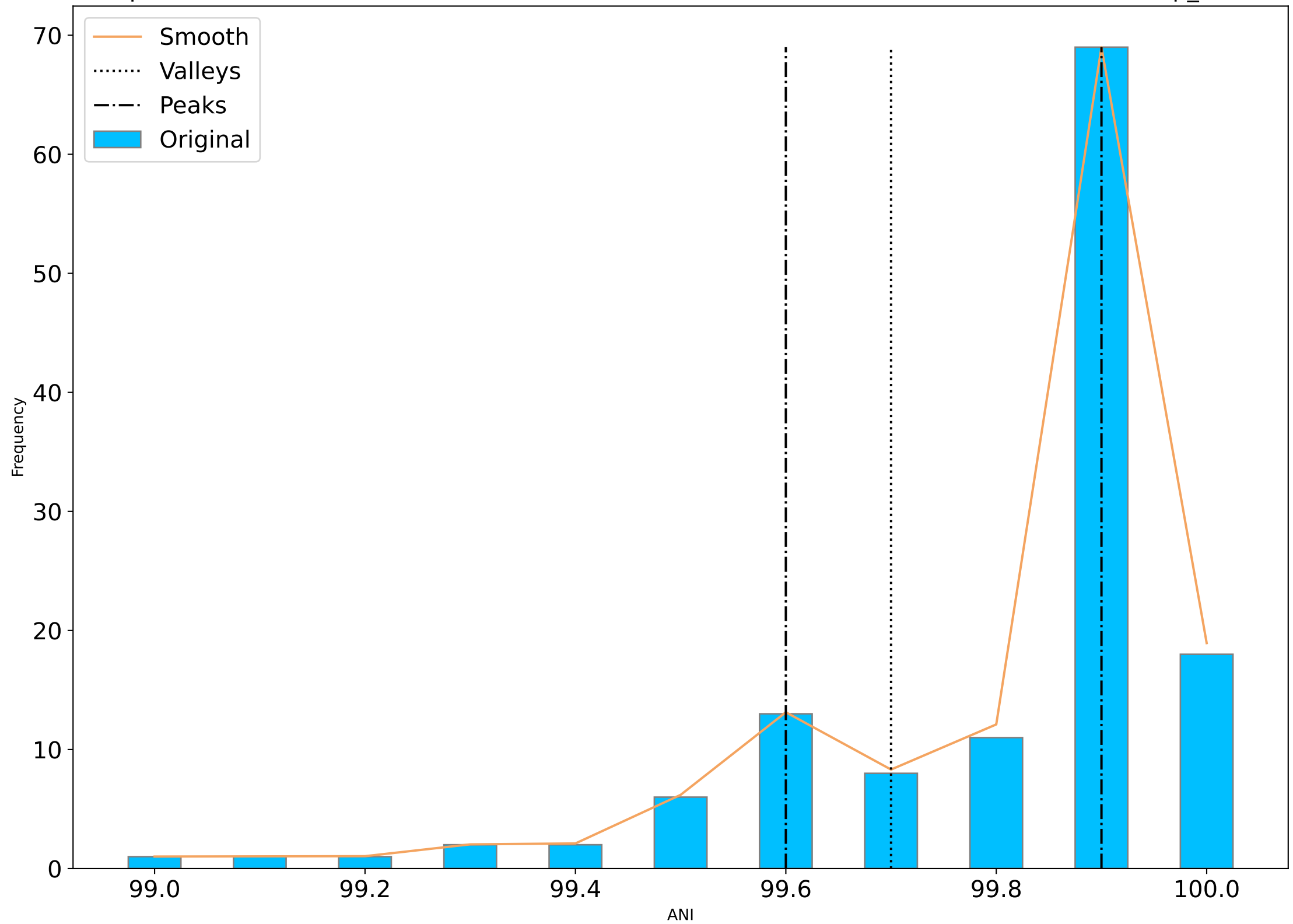


Species_1916

Group 2

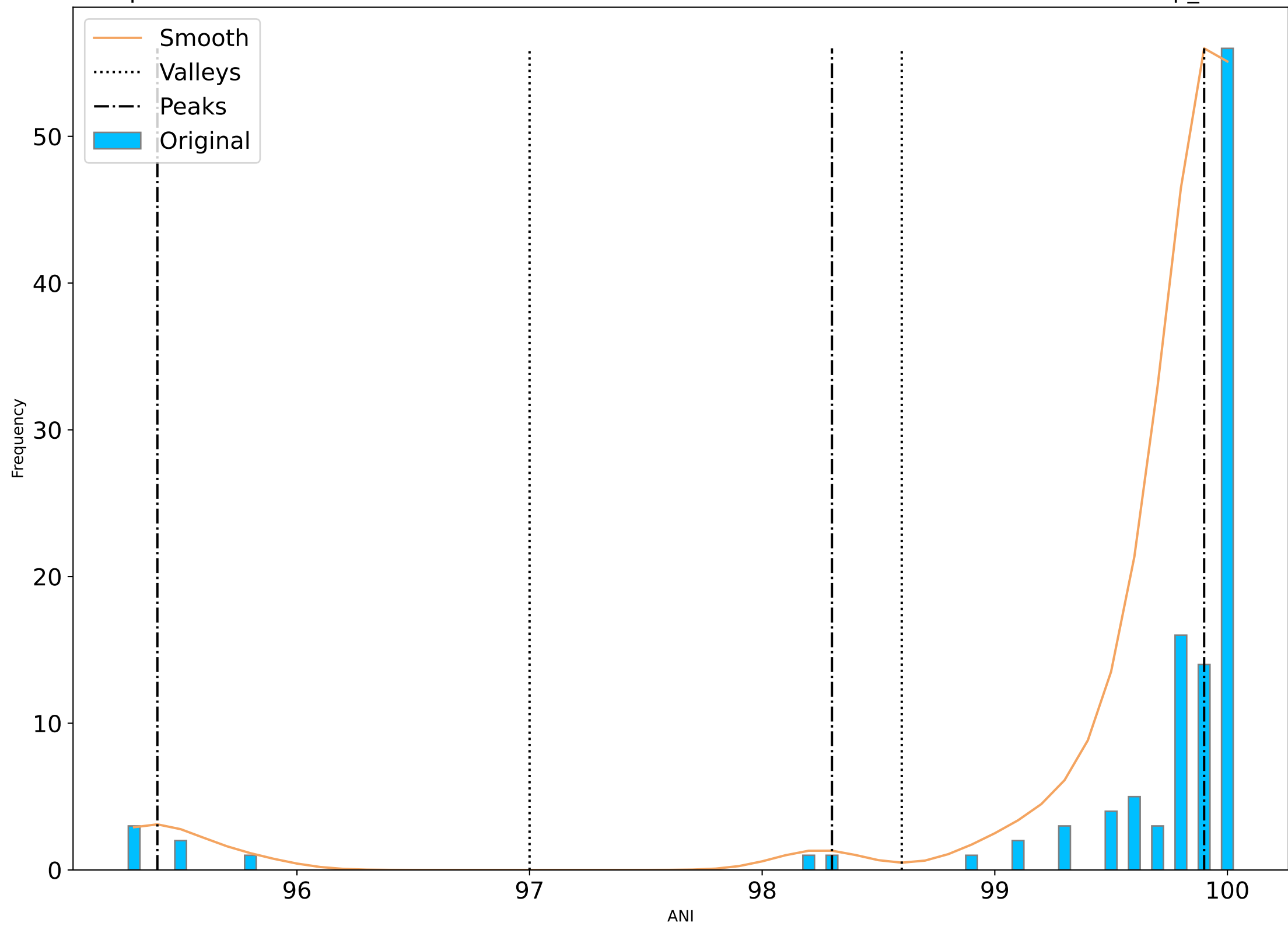
Norm_test 6.307031292648646e-14

Dip_test 0.0



Species_1930
Group 2

Norm_test 8.200660098864517e-24
Dip_test 0.0

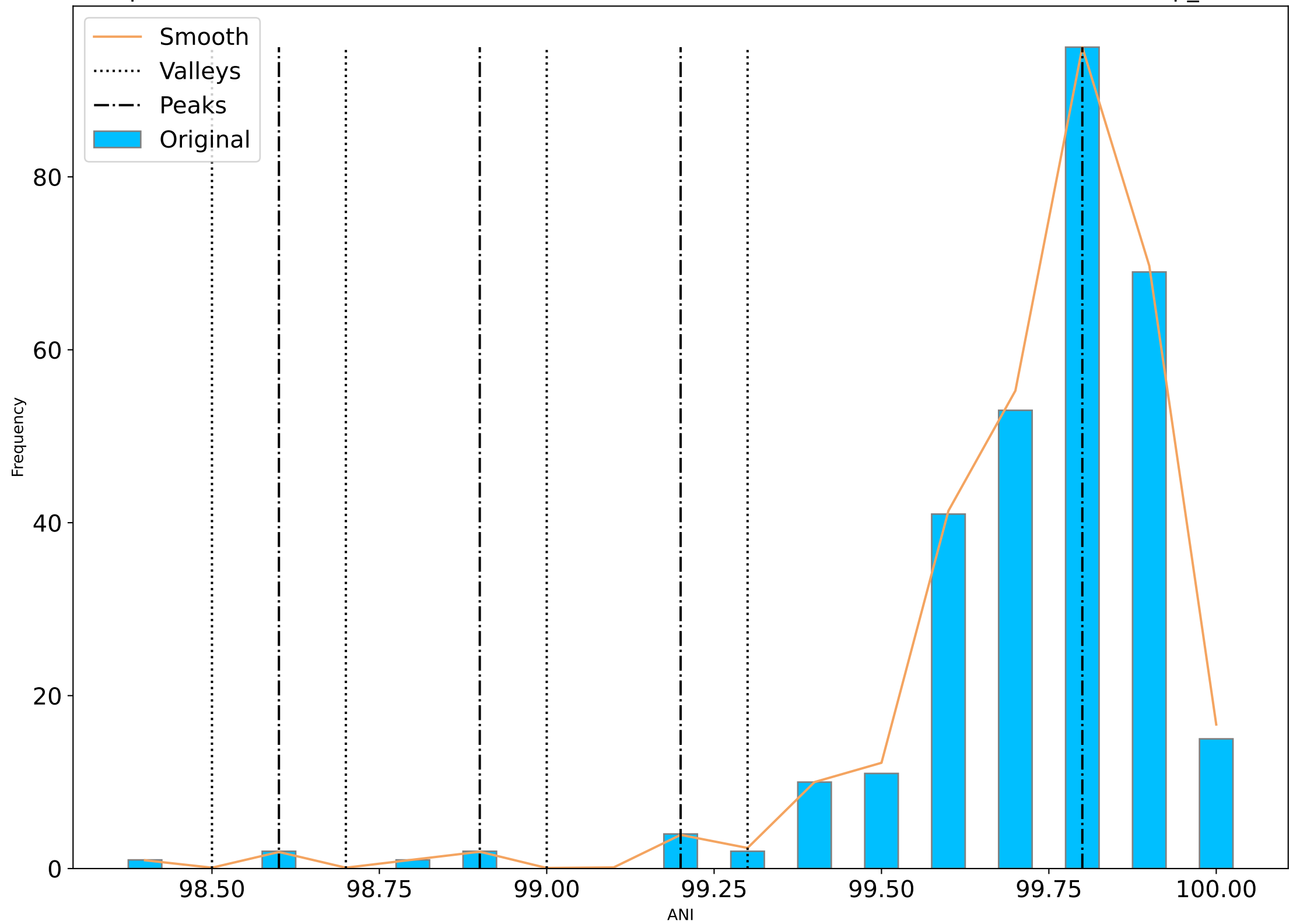


Species_1946

Group 2

Norm_test 3.157624810538624e-46

Dip_test 0.0

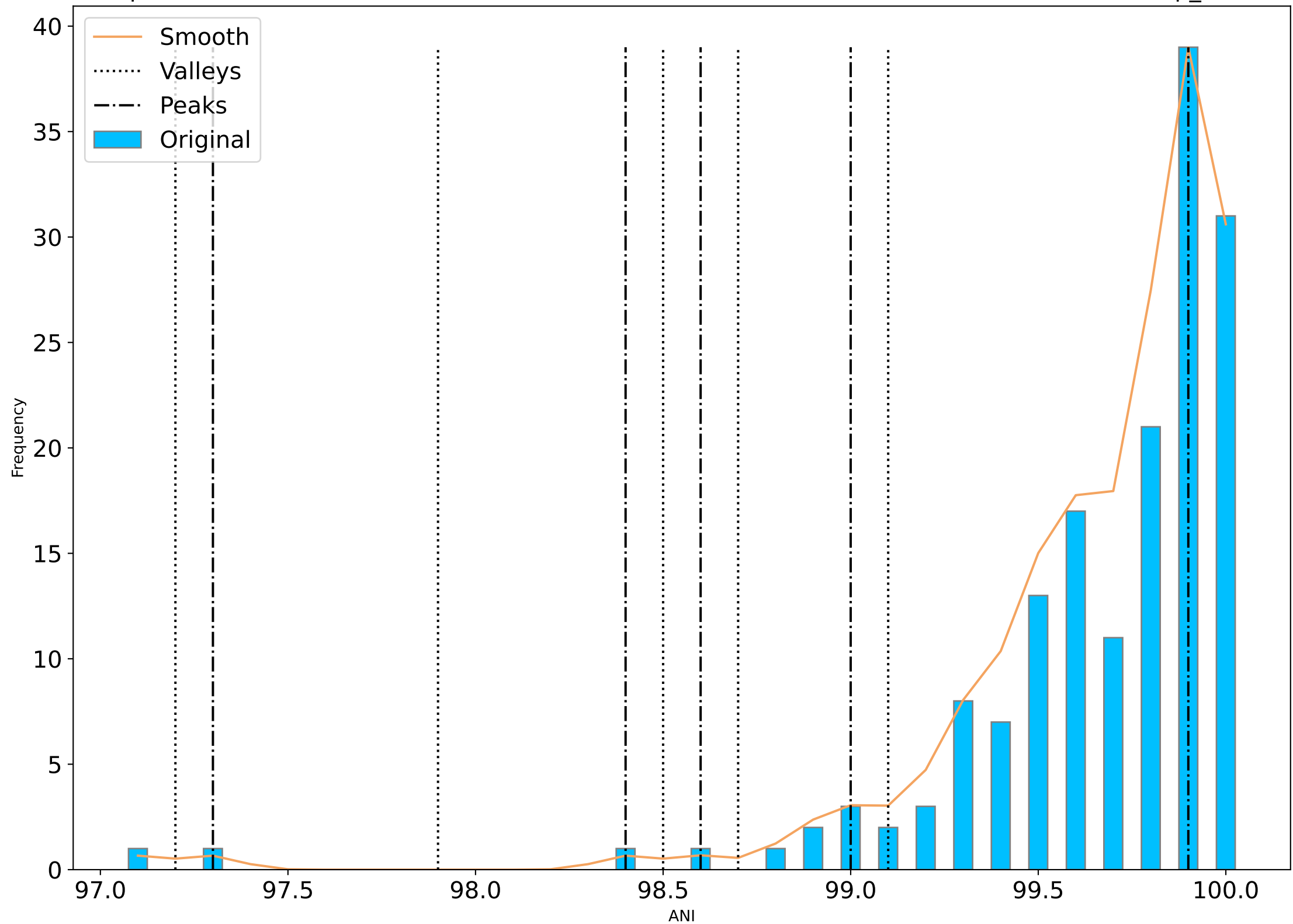


Species_1953

Group 2

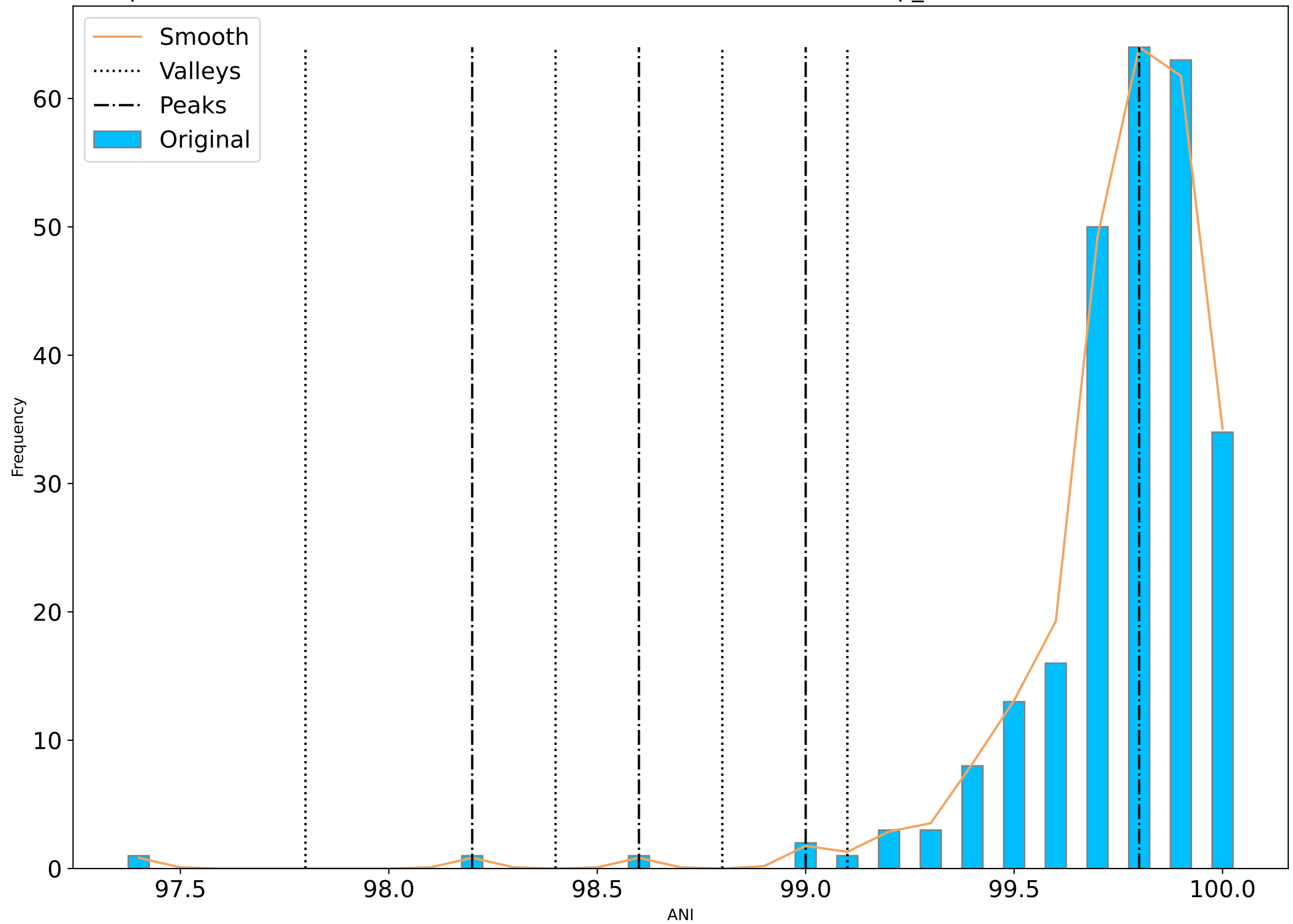
Norm_test 6.032535824236636e-32

Dip_test 0.0



Species_2004
Group 2

Norm_test 3.1163398480433253e-60
Dip_test 6.0711665191170994e-05

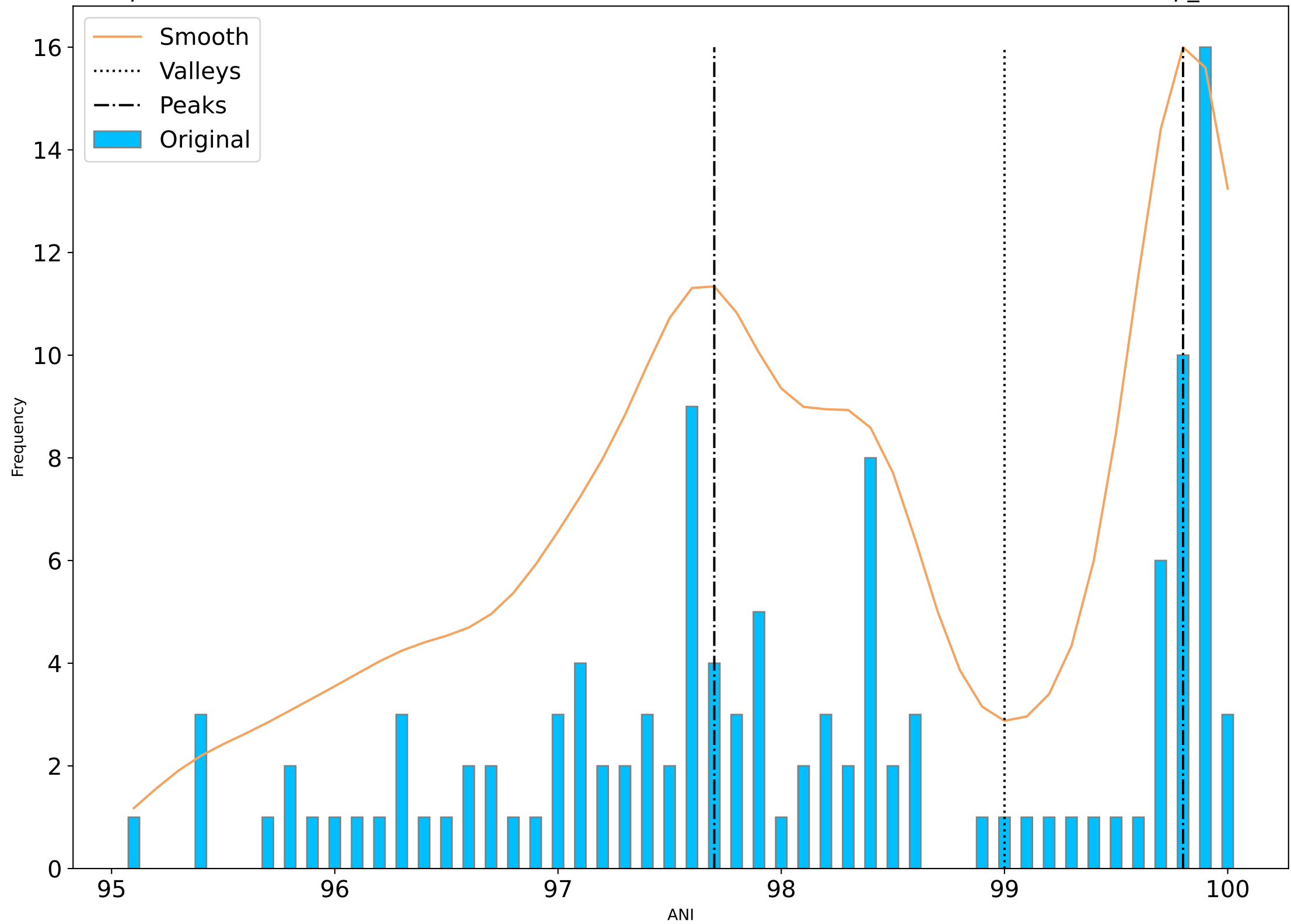


Species_2014

Group 1

Norm_test 0.00025492863639718074

Dip_test 0.0

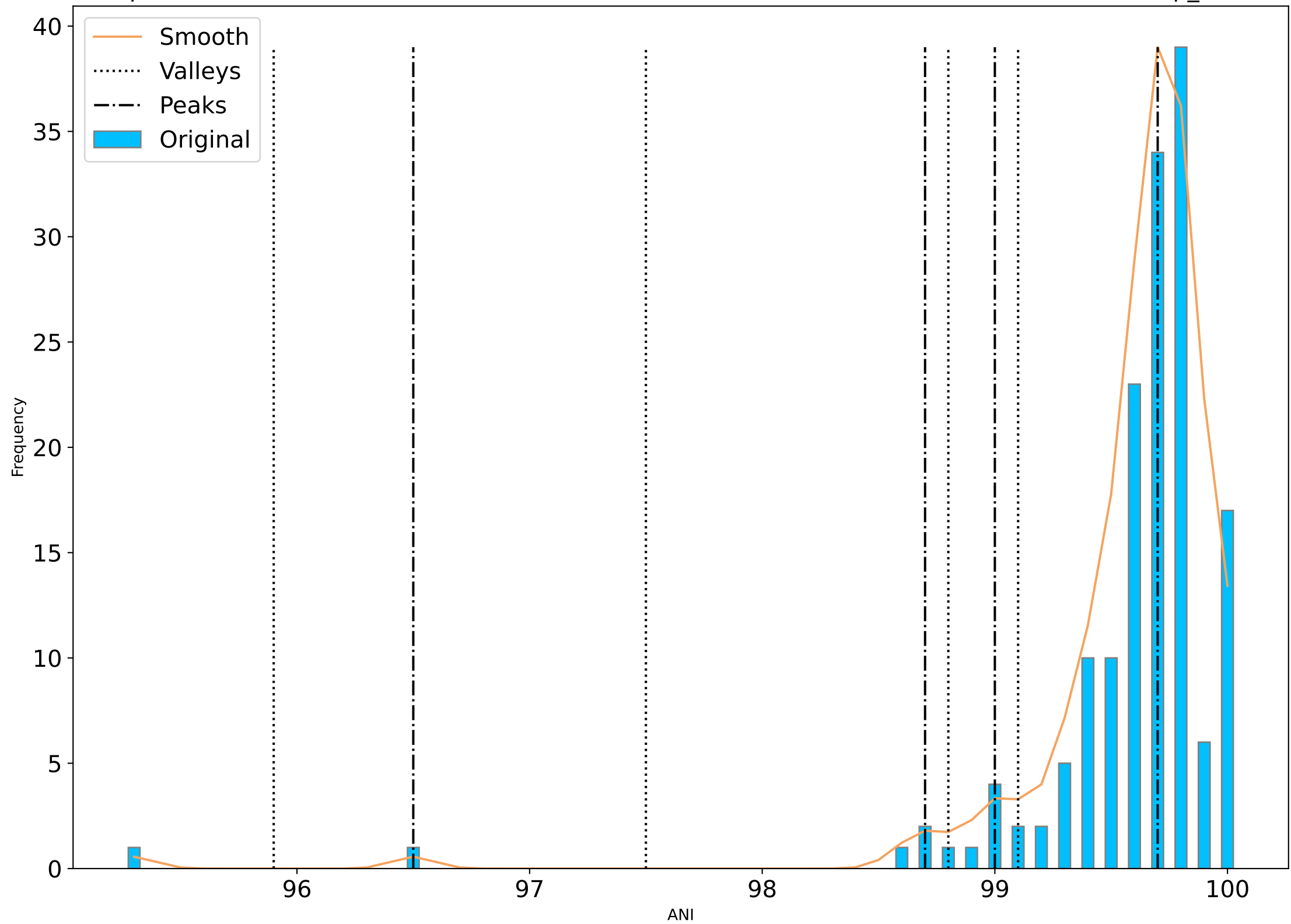


Species_2018

Group 2

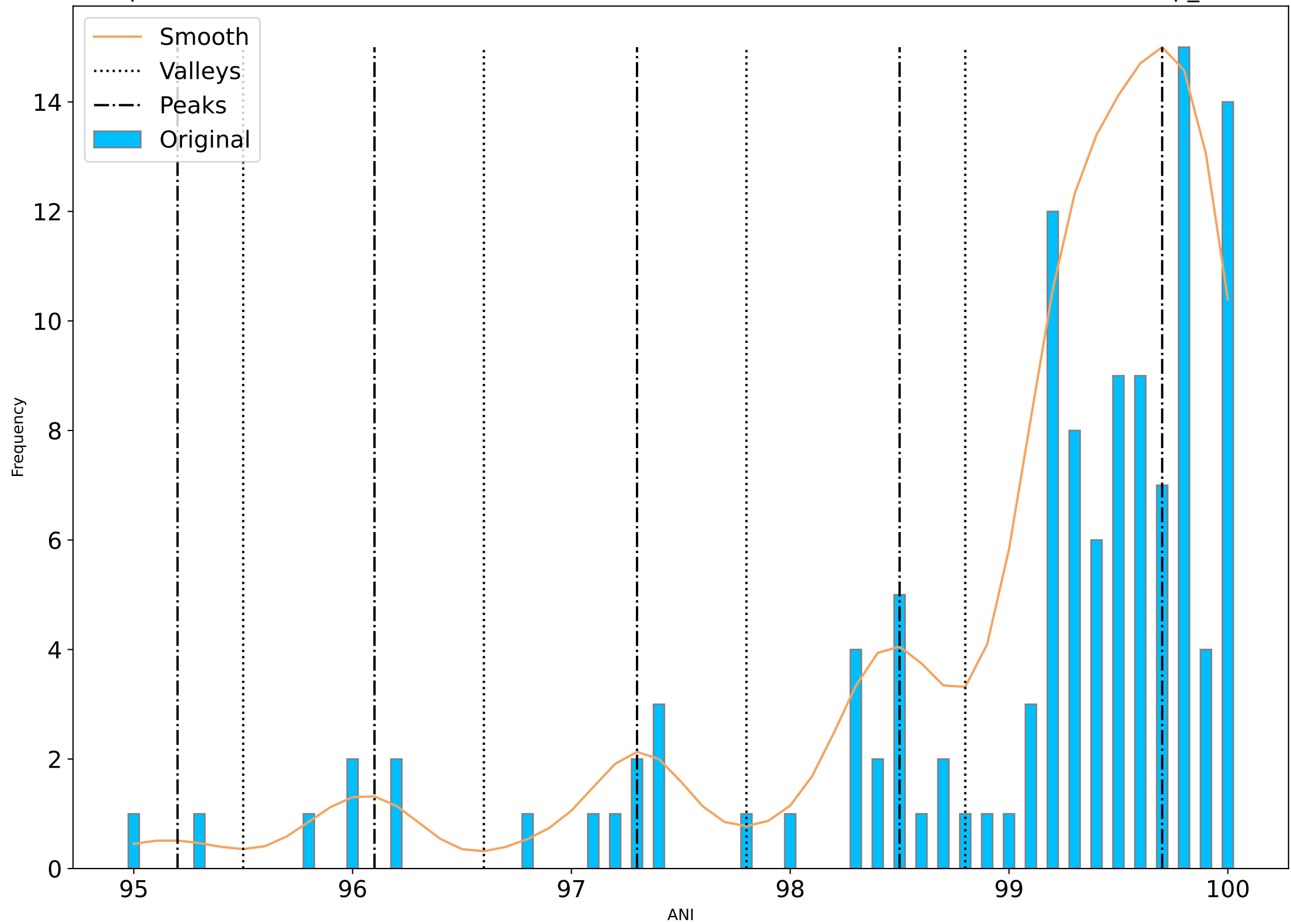
Norm_test 1.8105879069966255e-47

Dip_test 0.0



Species_2037
Group 1

Norm_test 1.2896058862660382e-11
Dip_test 0.0

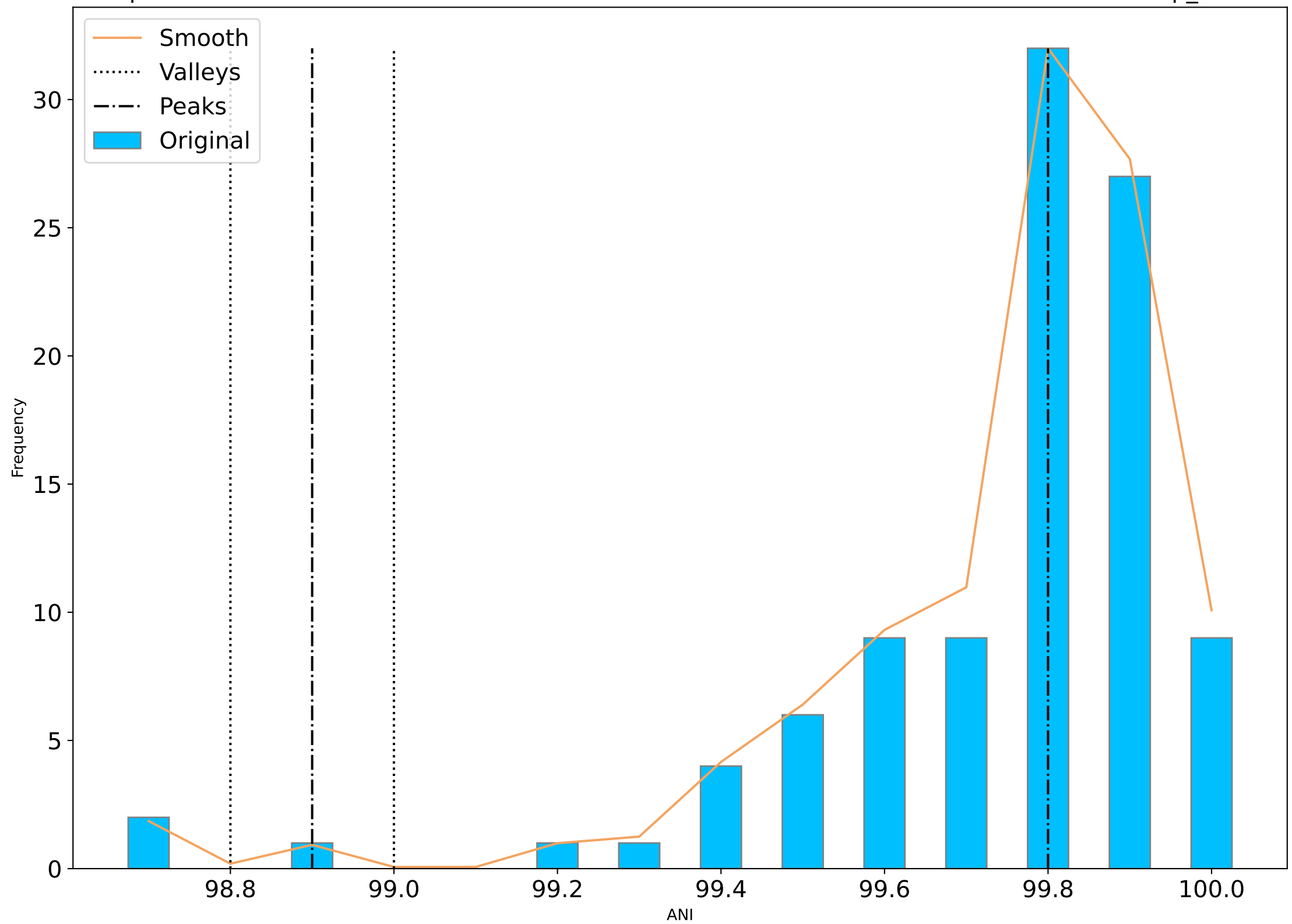


Species_2041

Group 2

Norm_test 9.912027757023034e-16

Dip_test 0.0

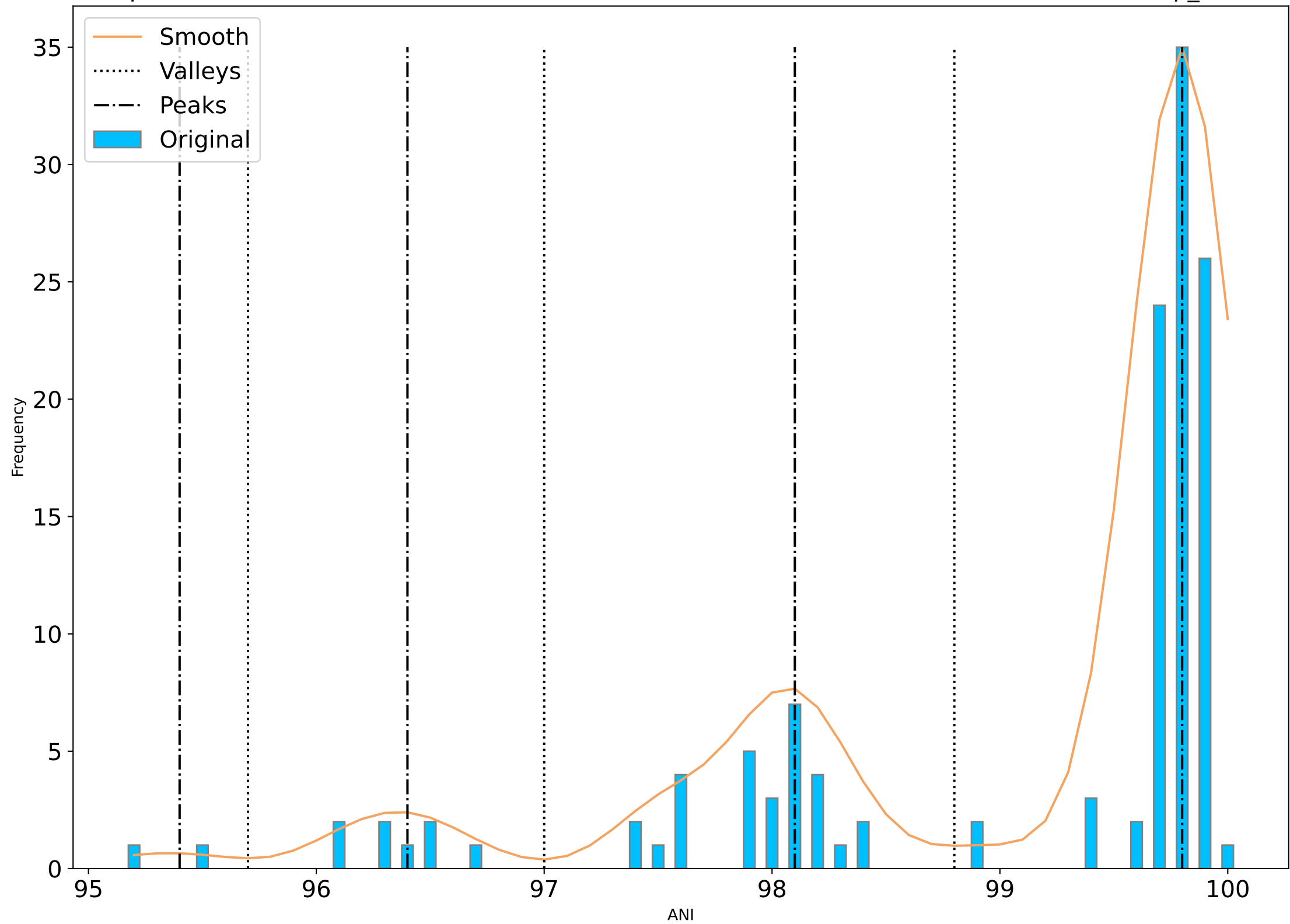


Species_2045

Group 1

Norm_test 9.9603017625154e-09

Dip_test 0.0

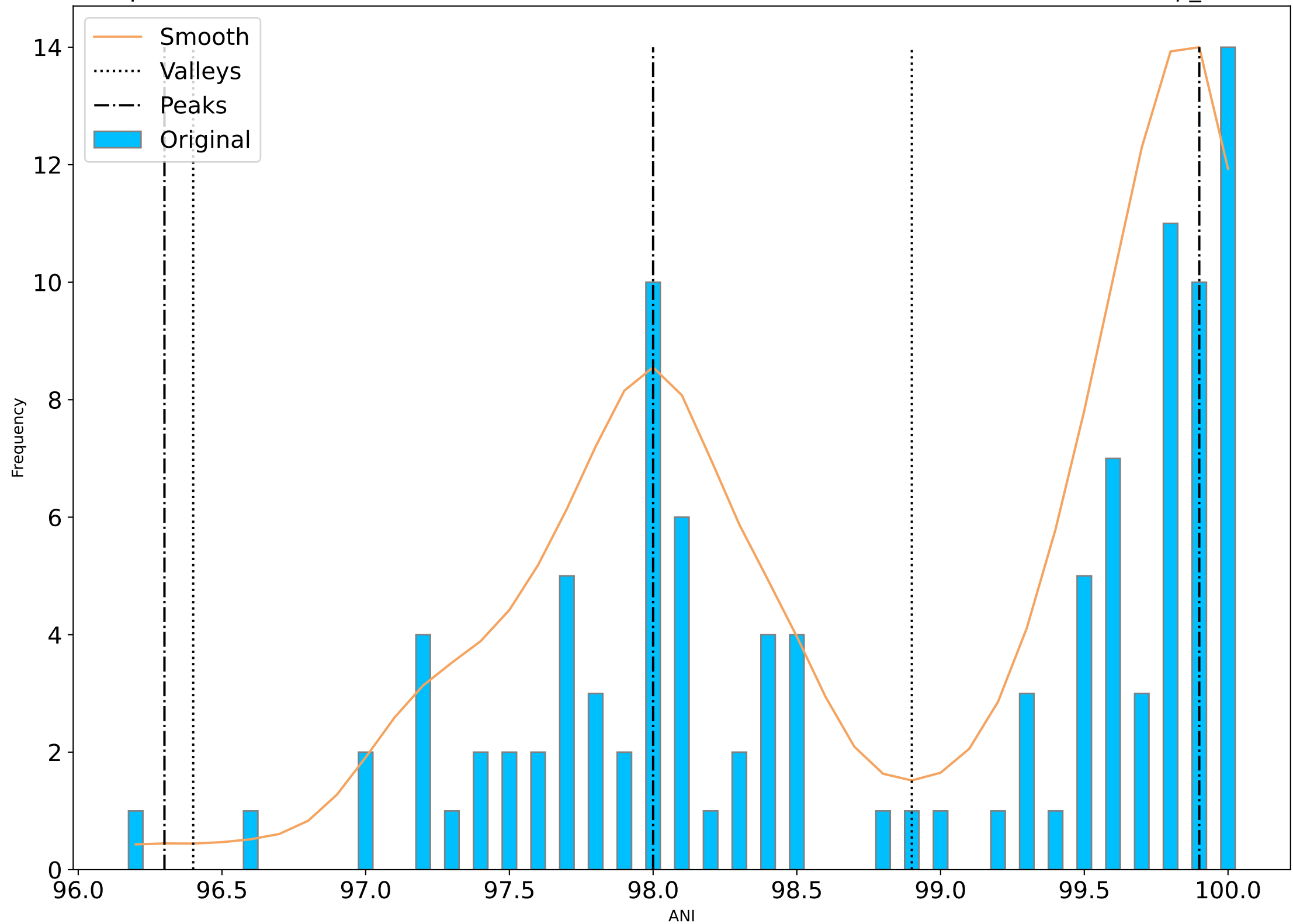


Species_2063

Group 1

Norm_test 6.185645346025475e-10

Dip_test 0.0

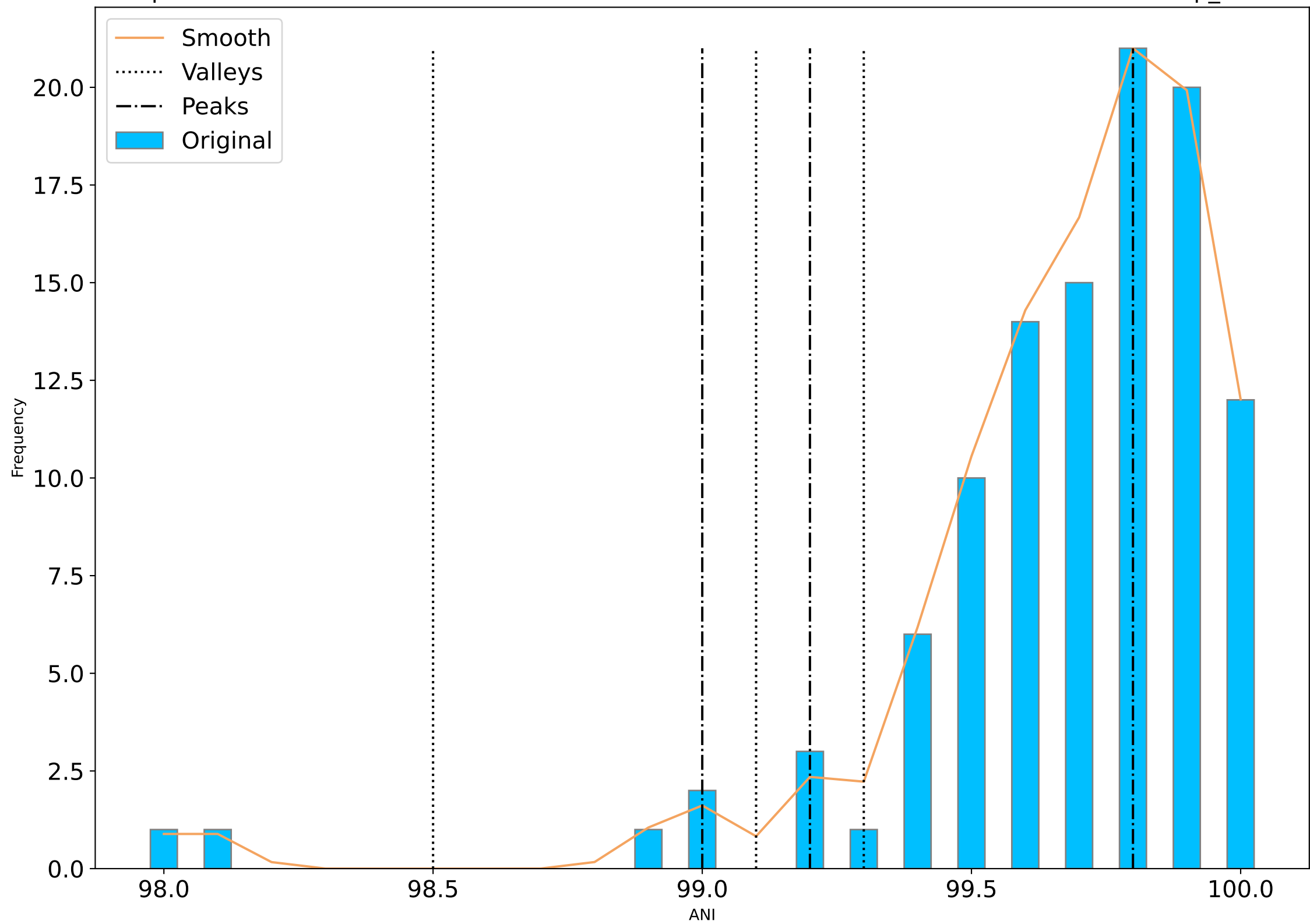


Species_2068

Group 2

Norm_test 3.4447623363634385e-19

Dip_test 0.0

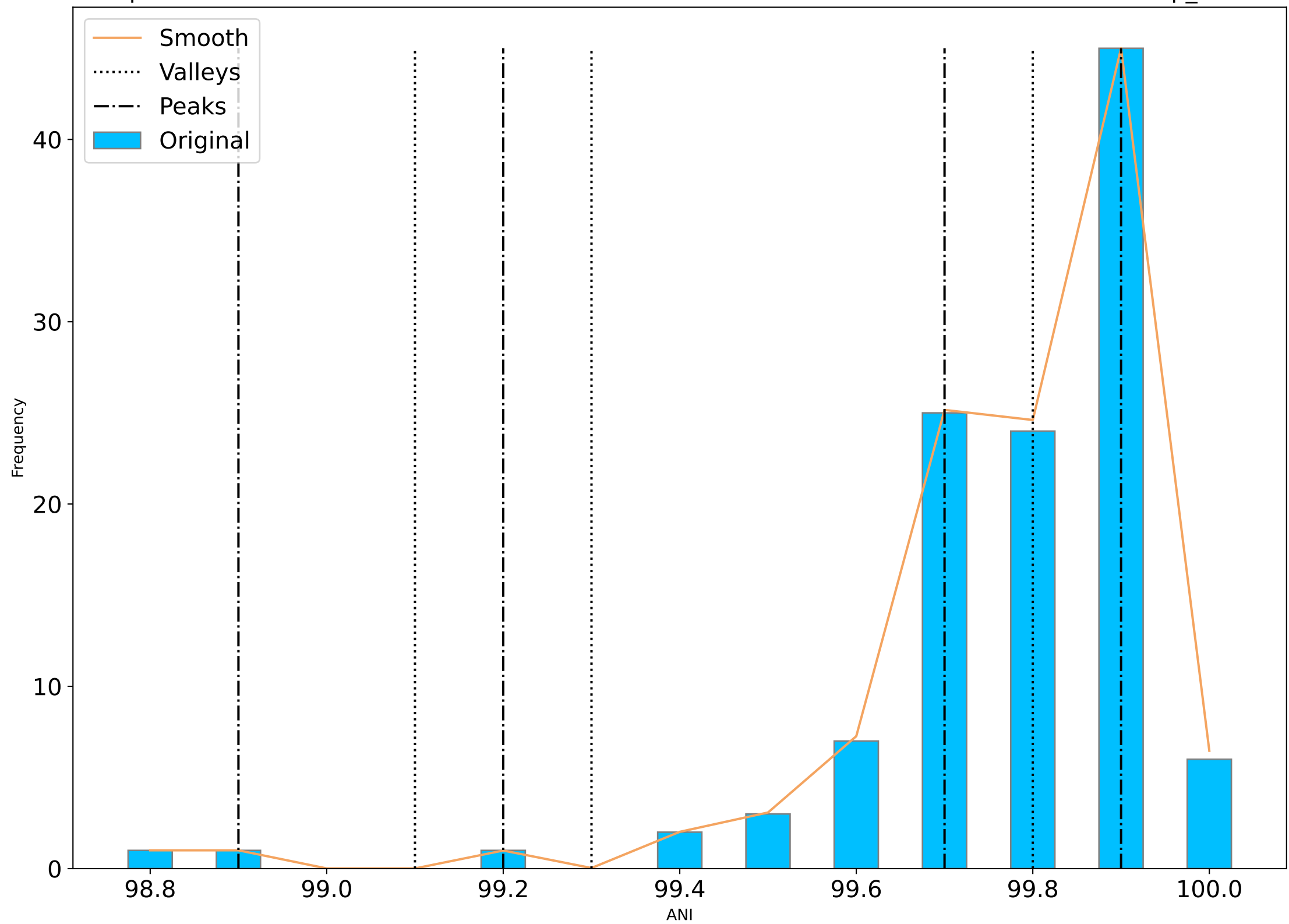


Species_2085

Group 2

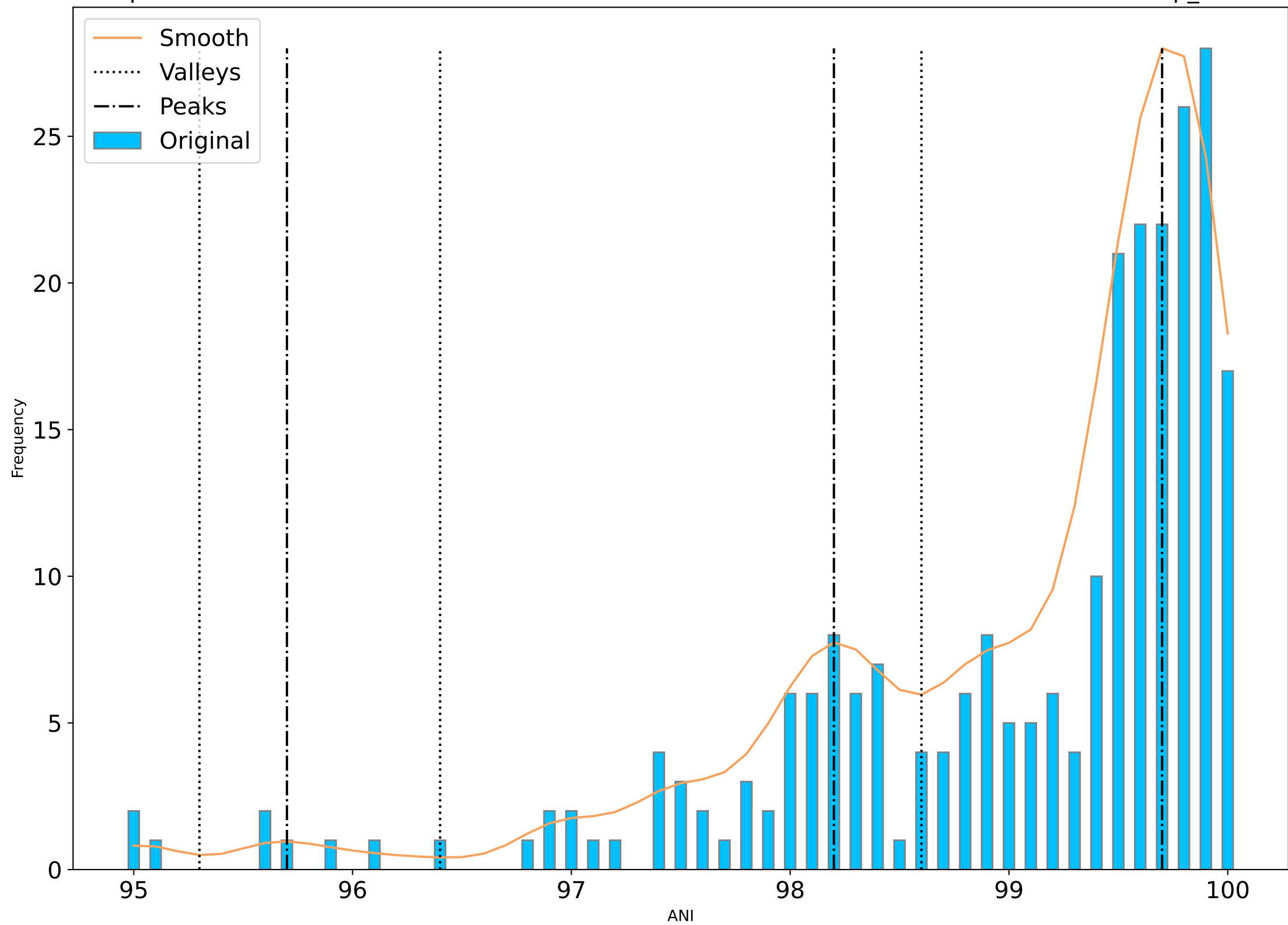
Norm_test 4.871338596758257e-21

Dip_test 0.0



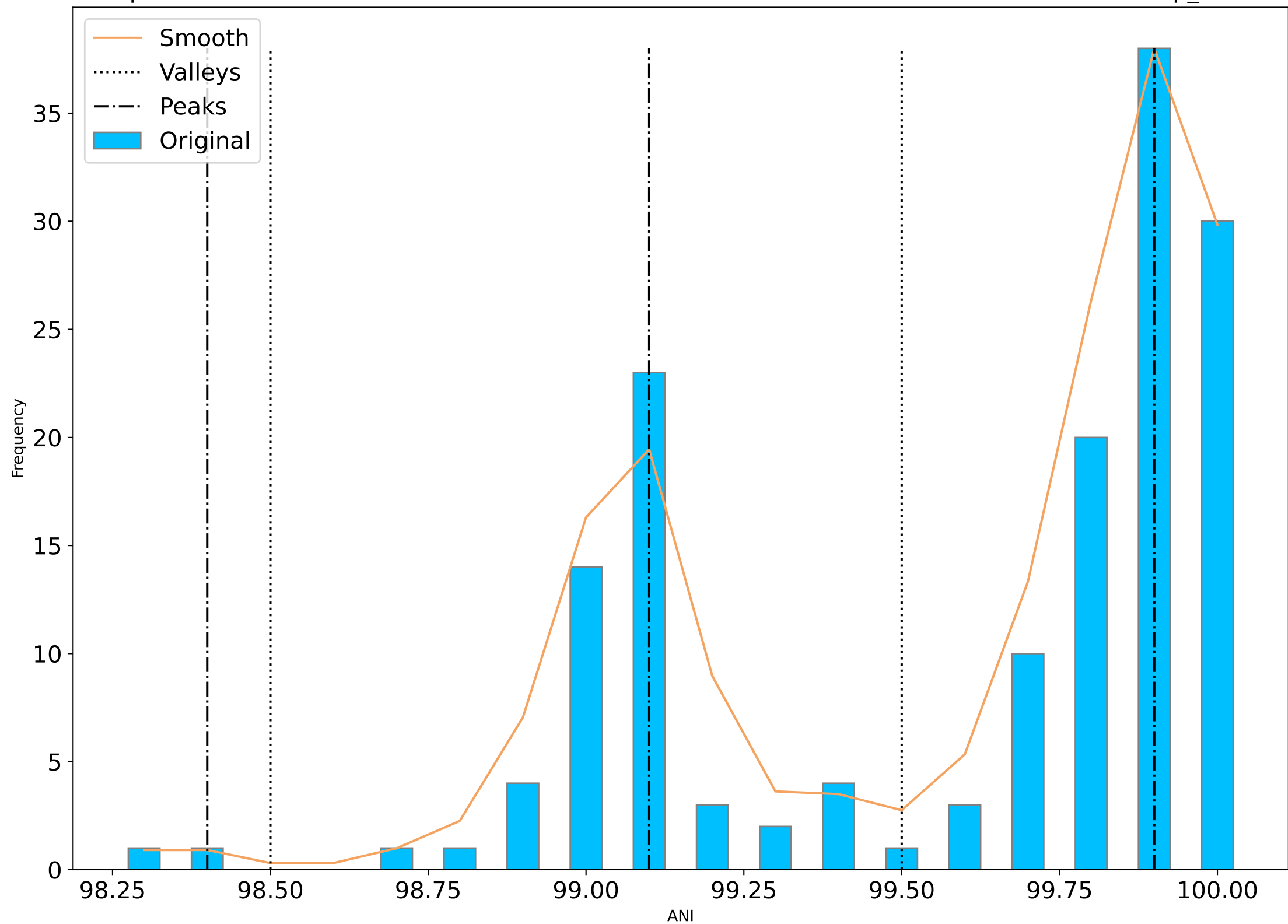
Species_2121
Group 3

Norm_test 6.907835004914899e-20
Dip_test 0.0



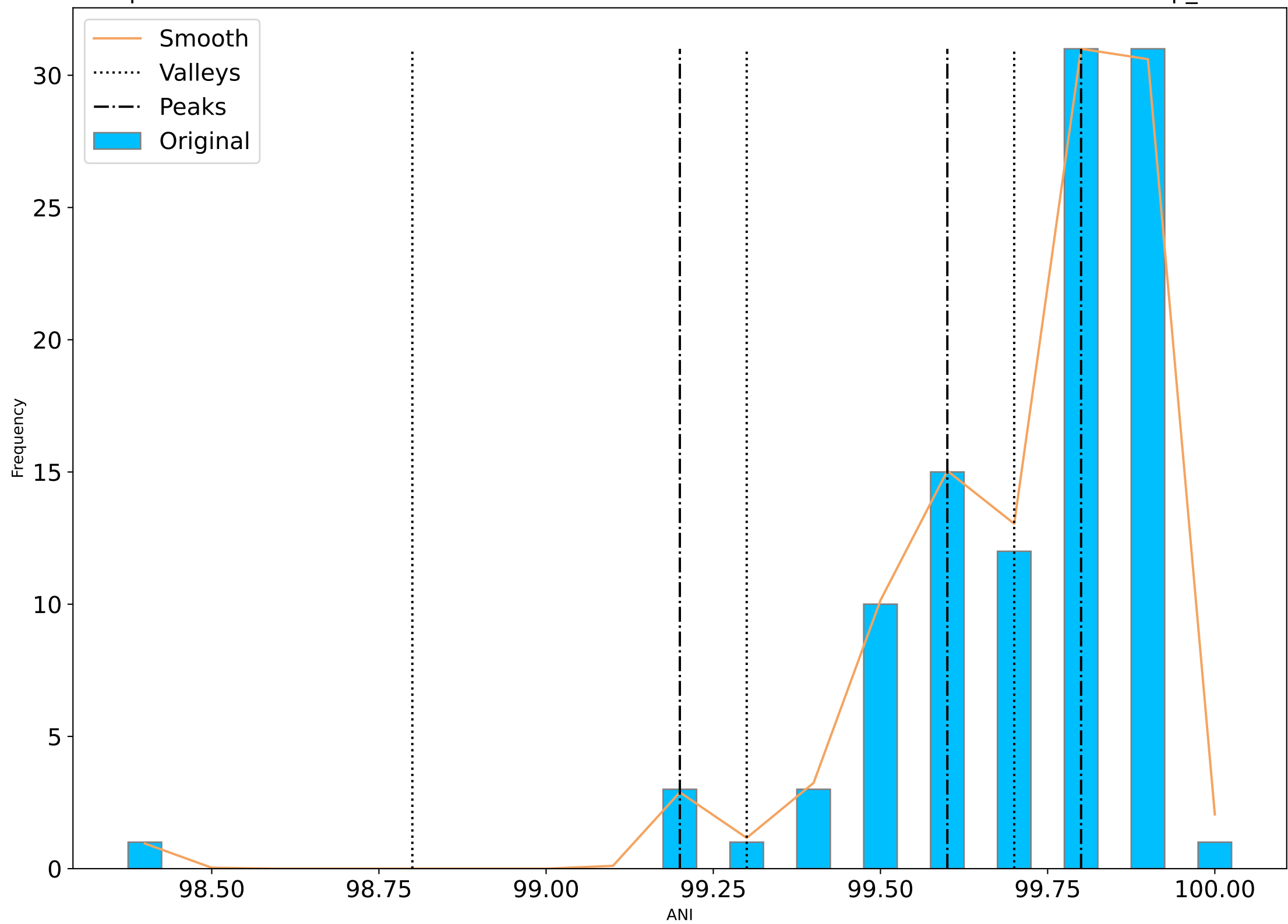
Species_2128
Group 2

Norm_test 5.242645865252979e-05
Dip_test 0.0



Species_2129
Group 2

Norm_test 1.7016538839999977e-18
Dip_test 0.0

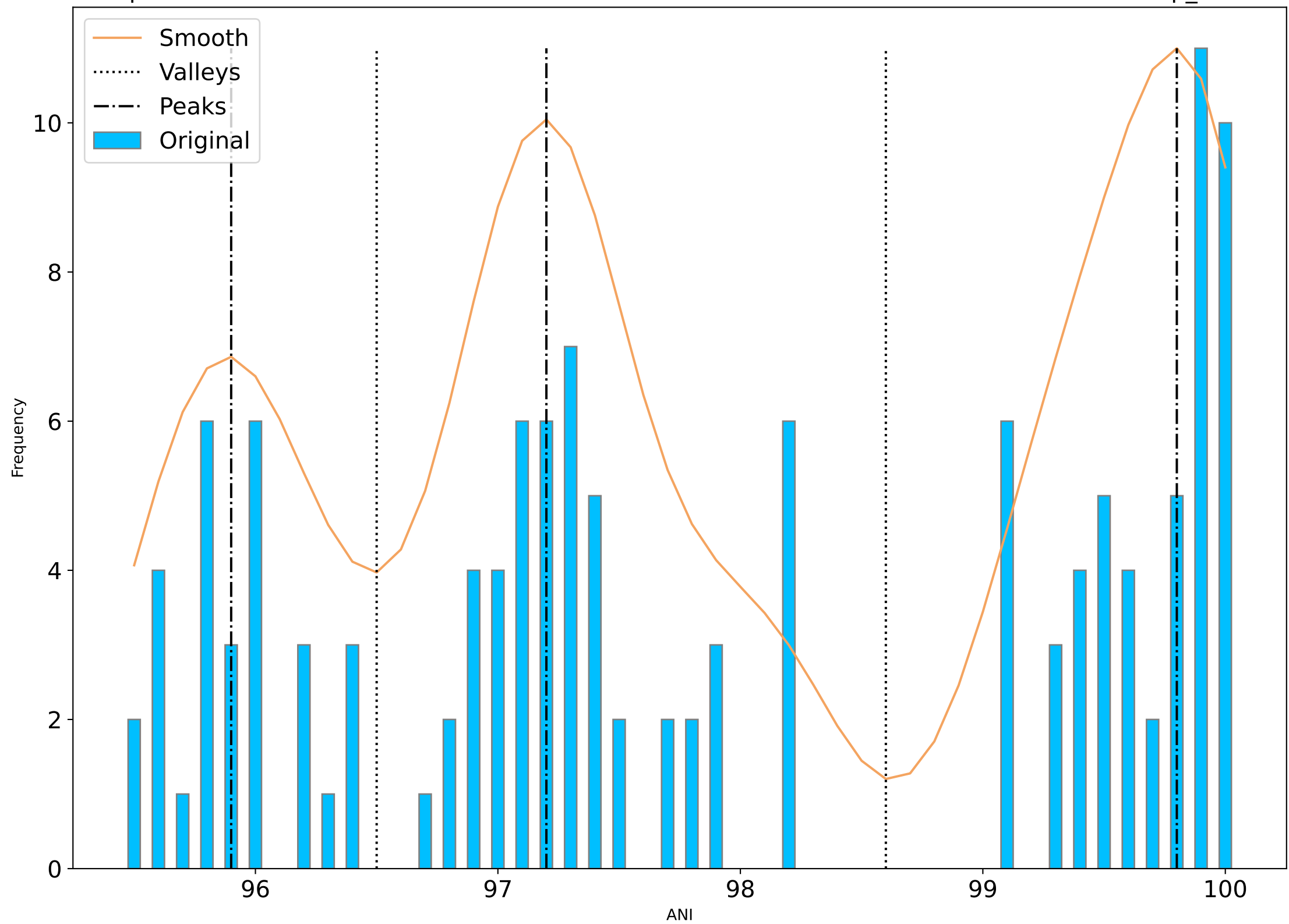


Species_2146

Group 3

Norm_test 7.458708258352399e-55

Dip_test 0.0

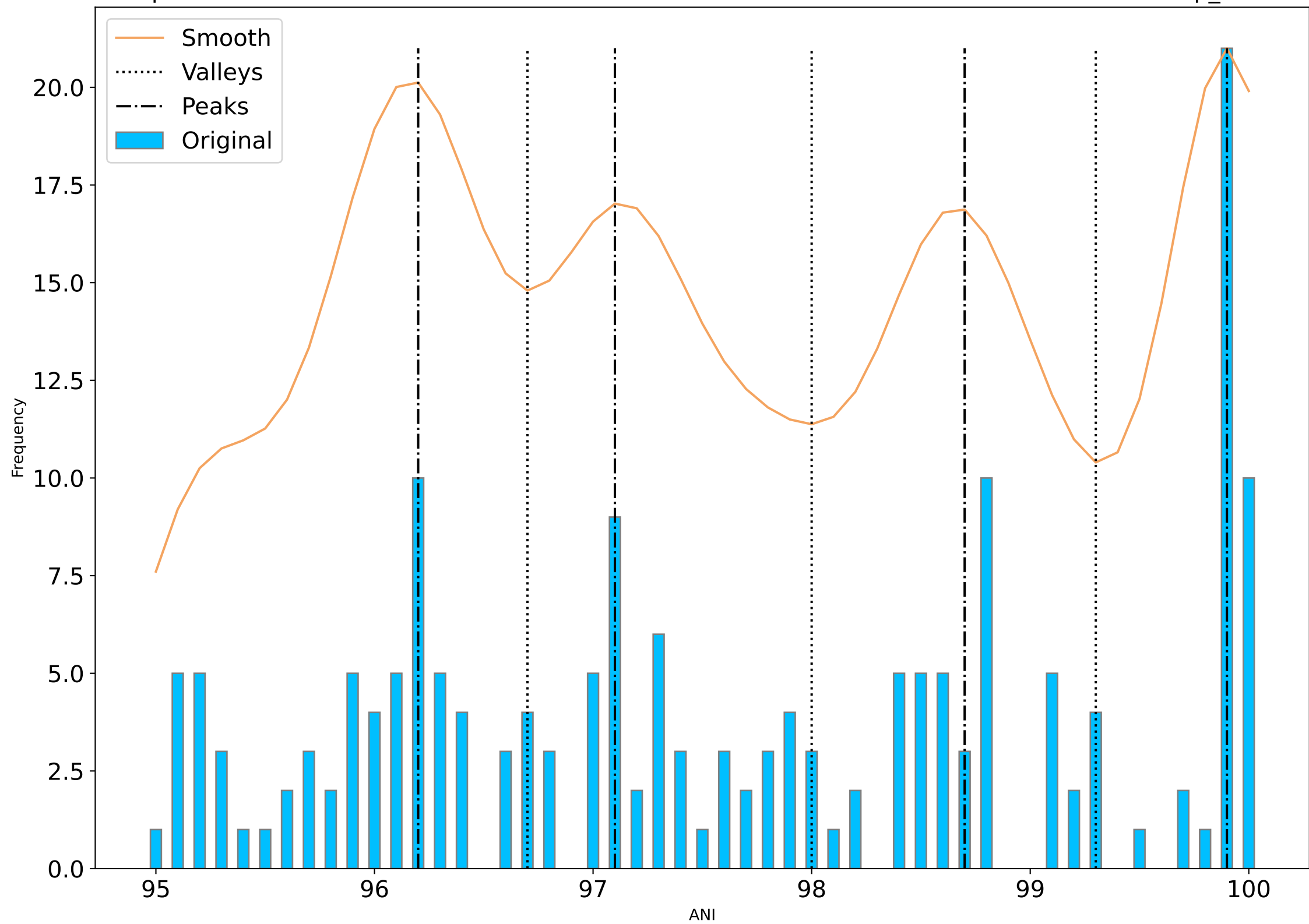


Species_2147

Group 1

Norm_test 7.024299722831319e-28

Dip_test 0.0

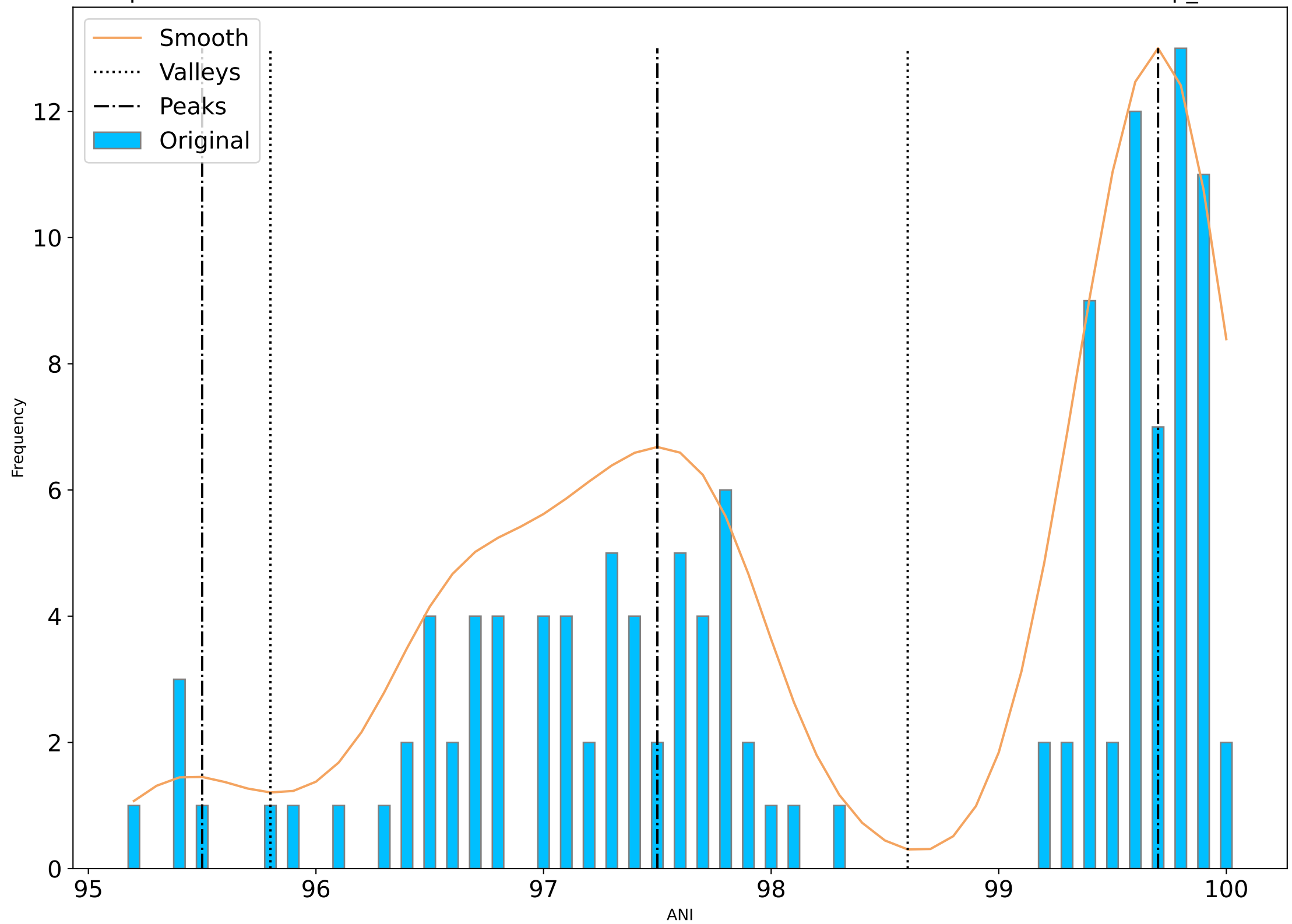


Species_2152

Group 3

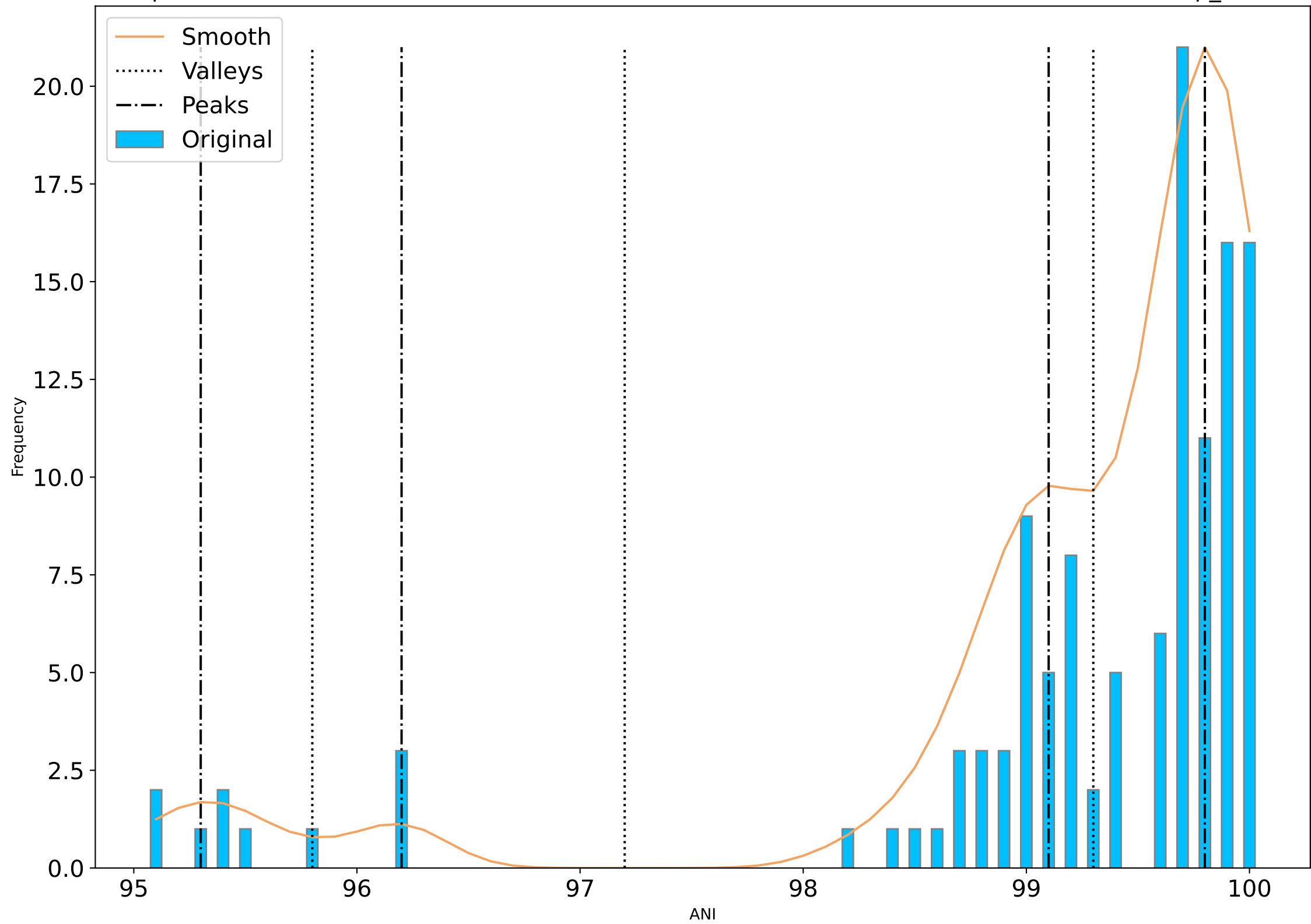
Norm_test 2.7226795264160784e-16

Dip_test 0.0



Species_2153
Group 1

Norm_test 3.16882313709954e-17
Dip_test 0.0

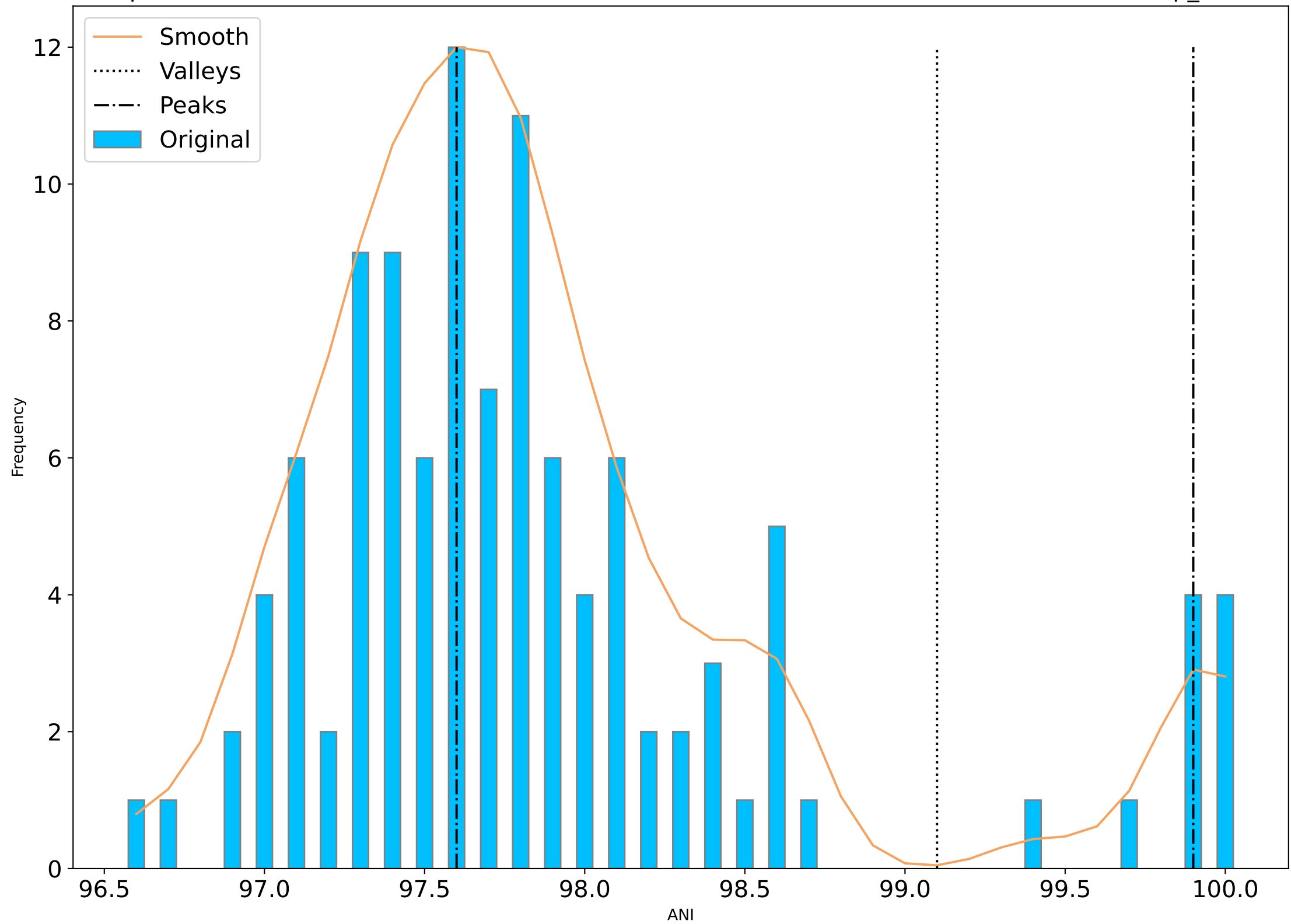


Species_2230

Group 1

Norm_test 7.328218013311206e-08

Dip_test 0.0

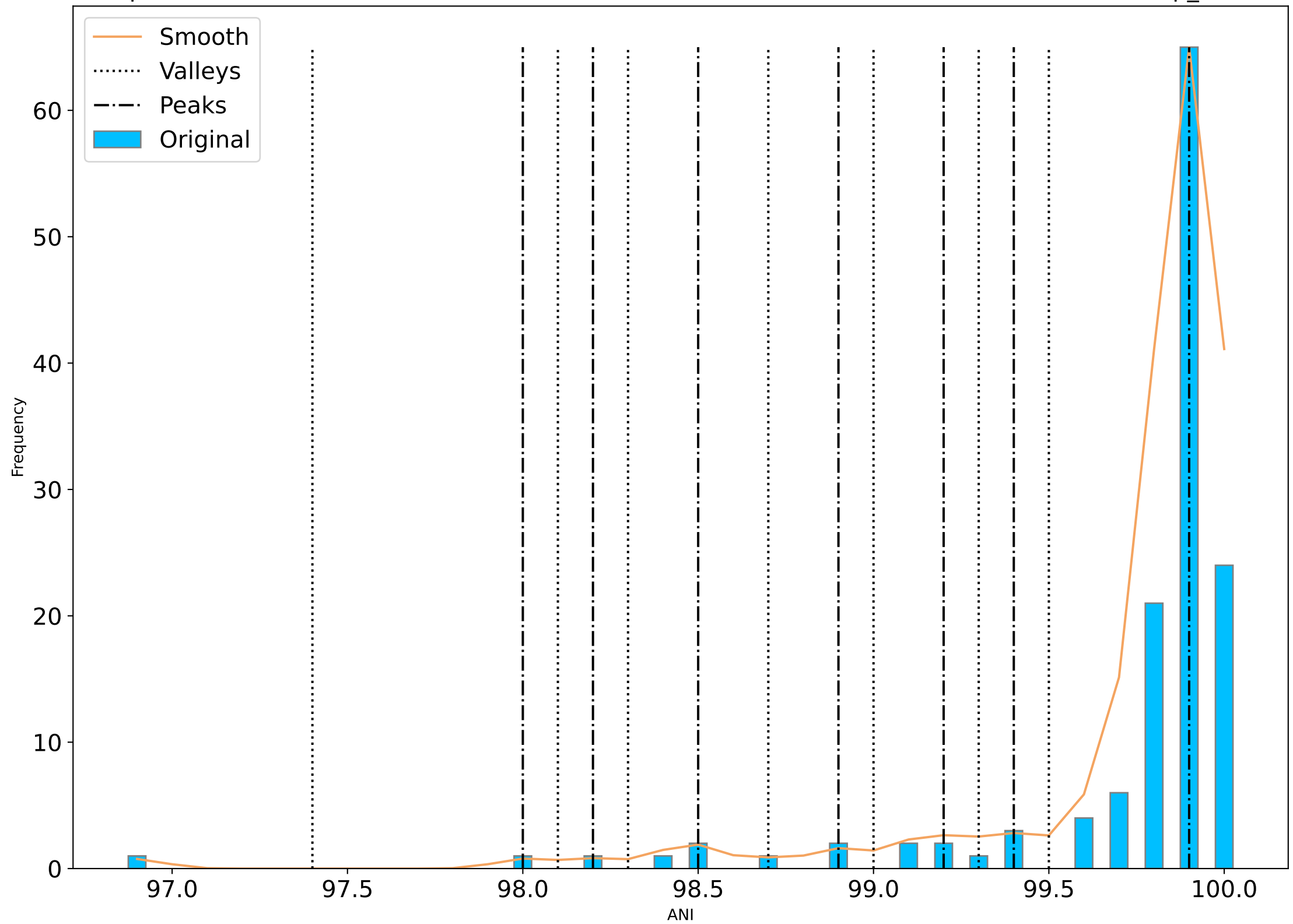


Species_2244

Group 2

Norm_test 5.9541748377677296e-30

Dip_test 0.0

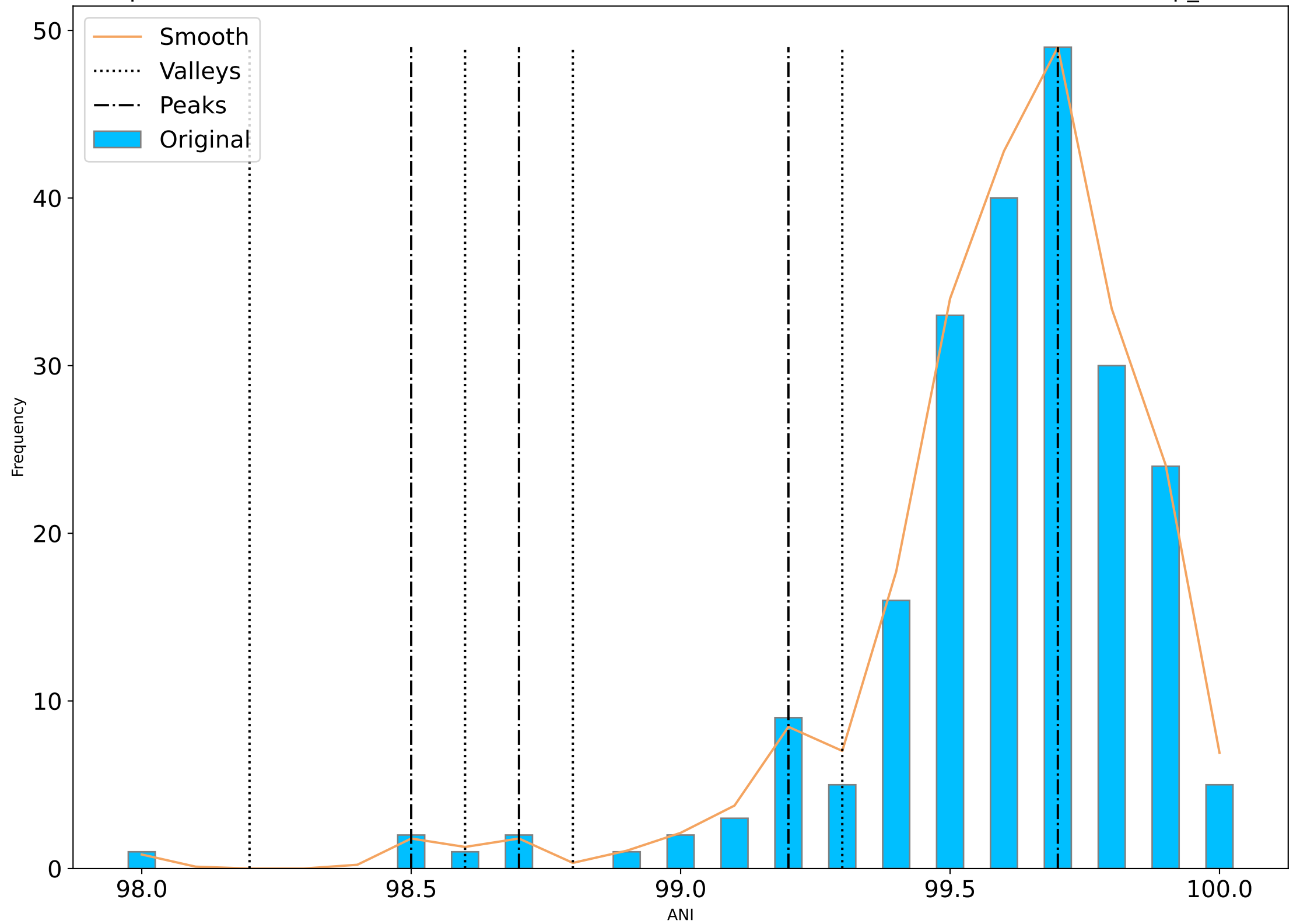


Species_2326

Group 2

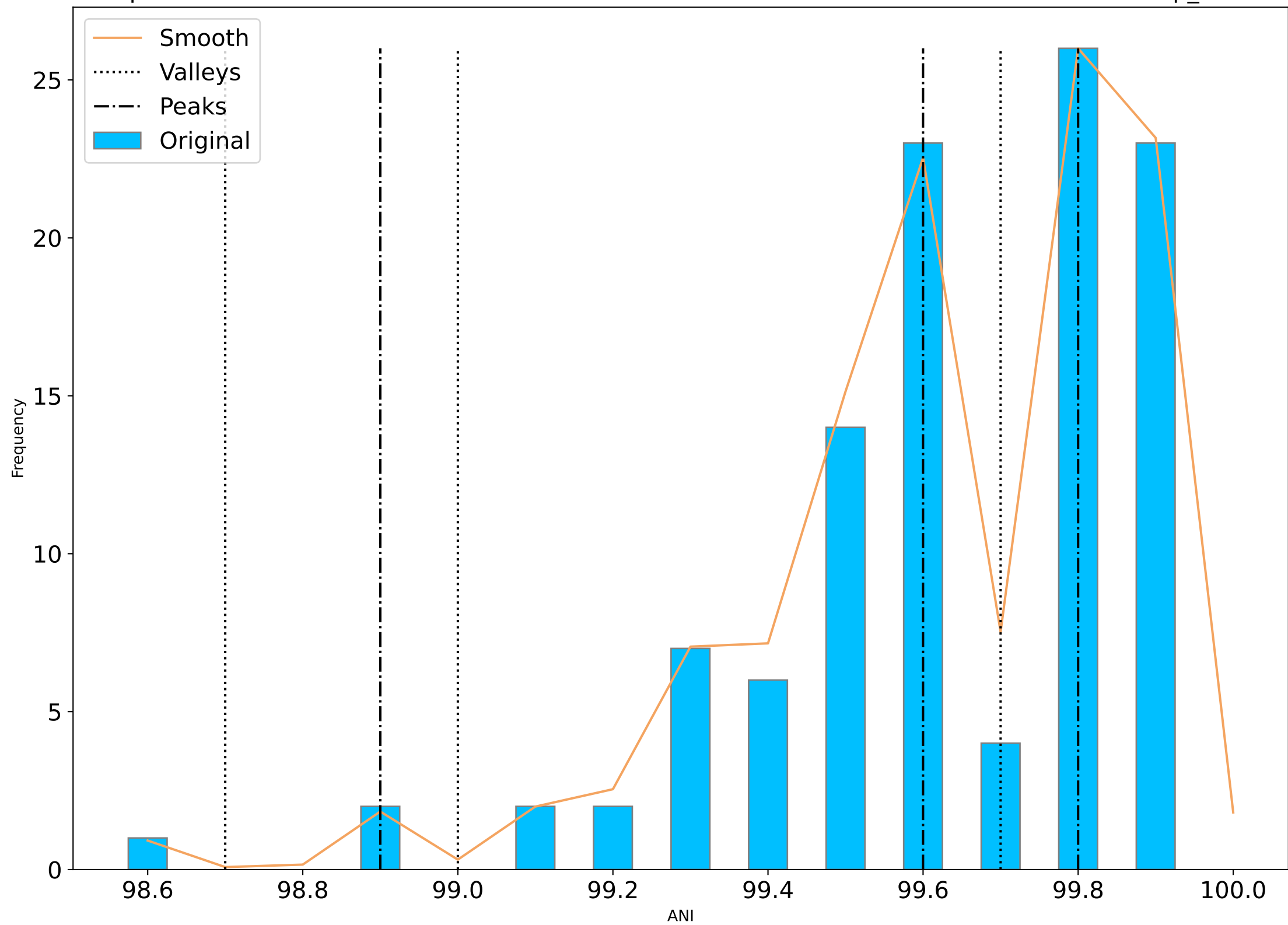
Norm_test 4.0847672312159844e-26

Dip_test 0.0



Species_2360
Group 2

Norm_test 7.173865179773815e-08
Dip_test 0.0

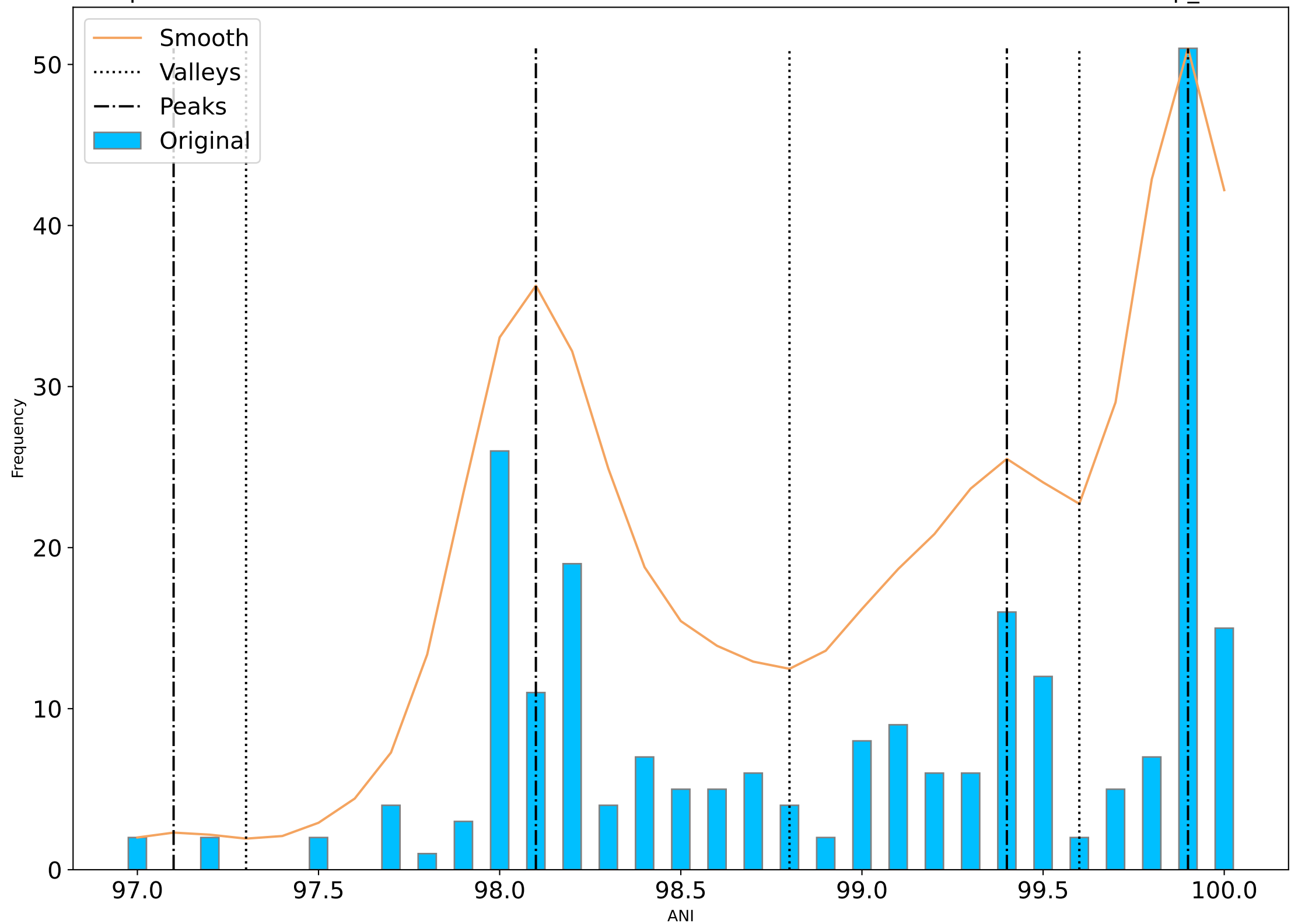


Species_2458

Group 1

Norm_test 7.414891413248401e-31

Dip_test 0.0

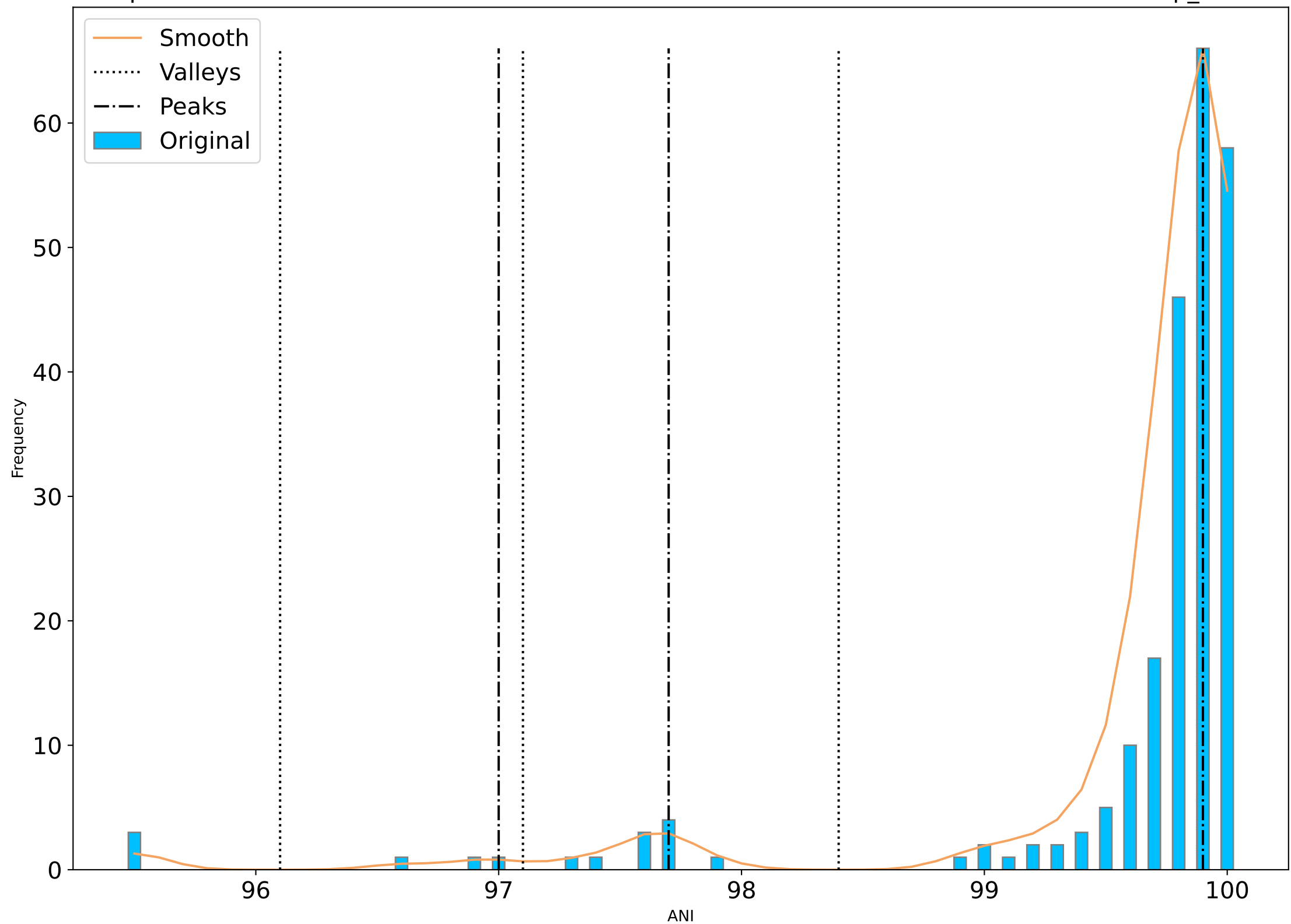


Species_2505

Group 2

Norm_test 1.0349148023268339e-43

Dip_test 0.0

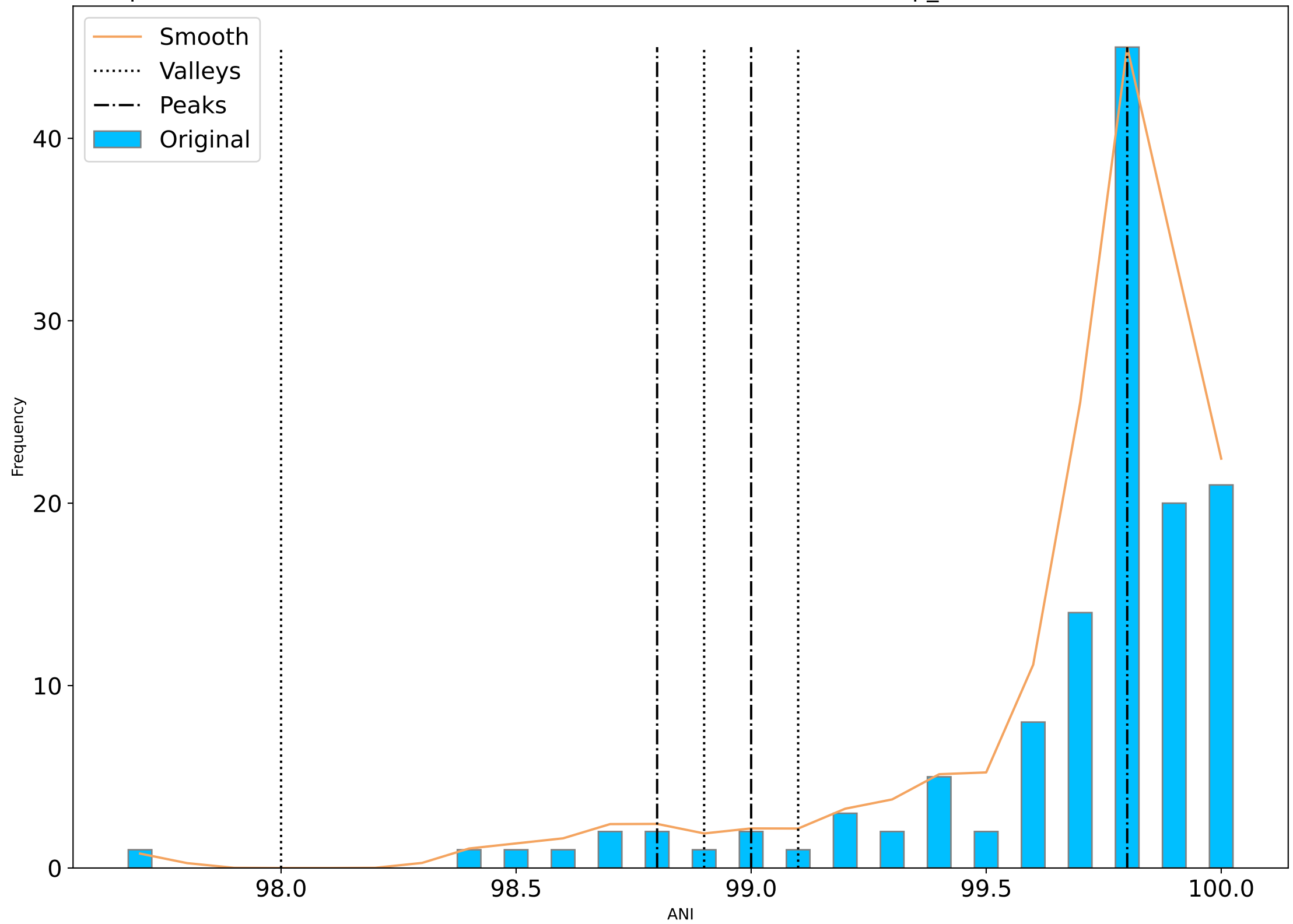


Species_2622

Group 2

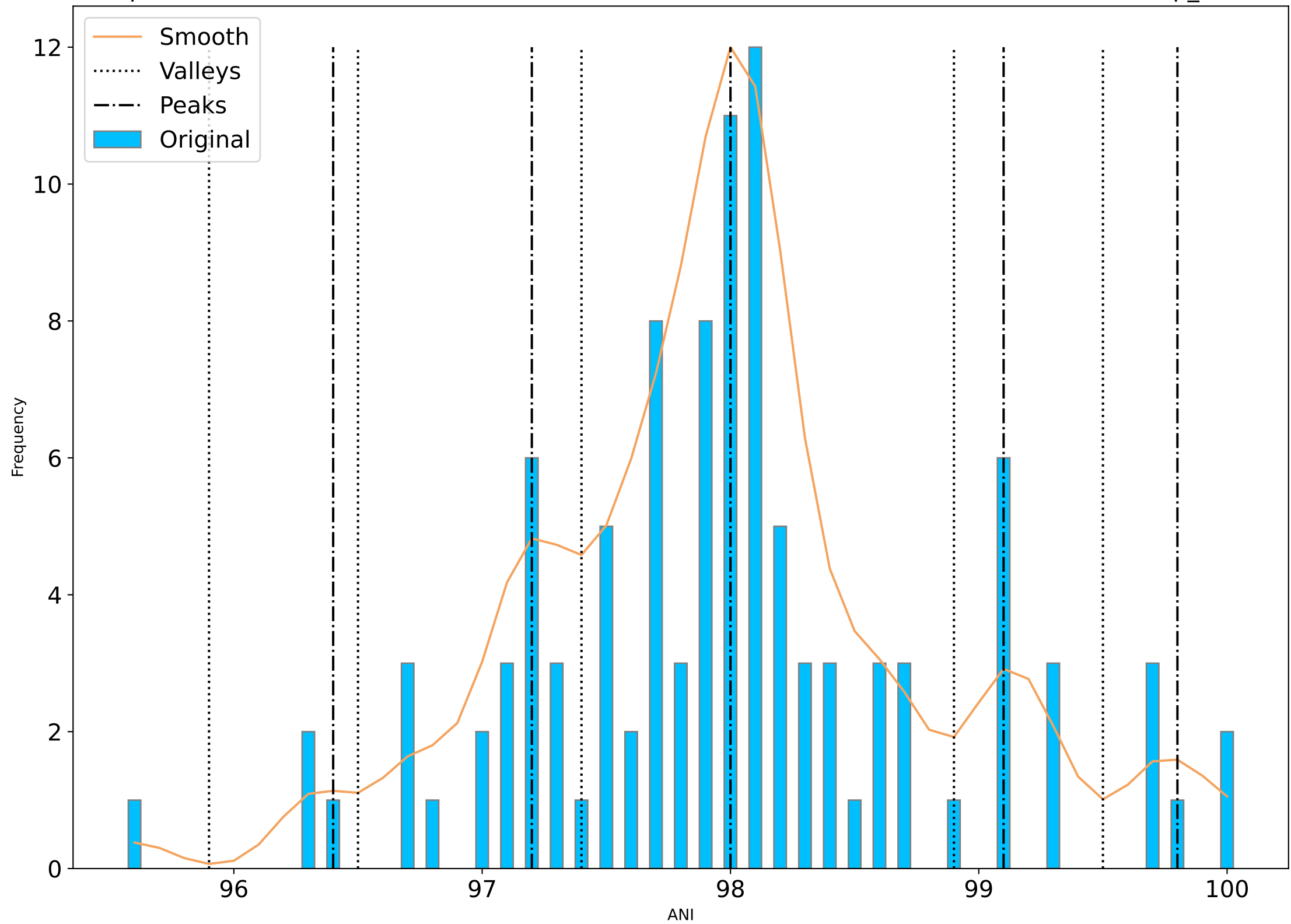
Norm_test 1.541386713964121e-19

Dip_test 6.546452418831894e-05



Species_2687
Group 3

Norm_test 0.2934202245139354
Dip_test 0.0

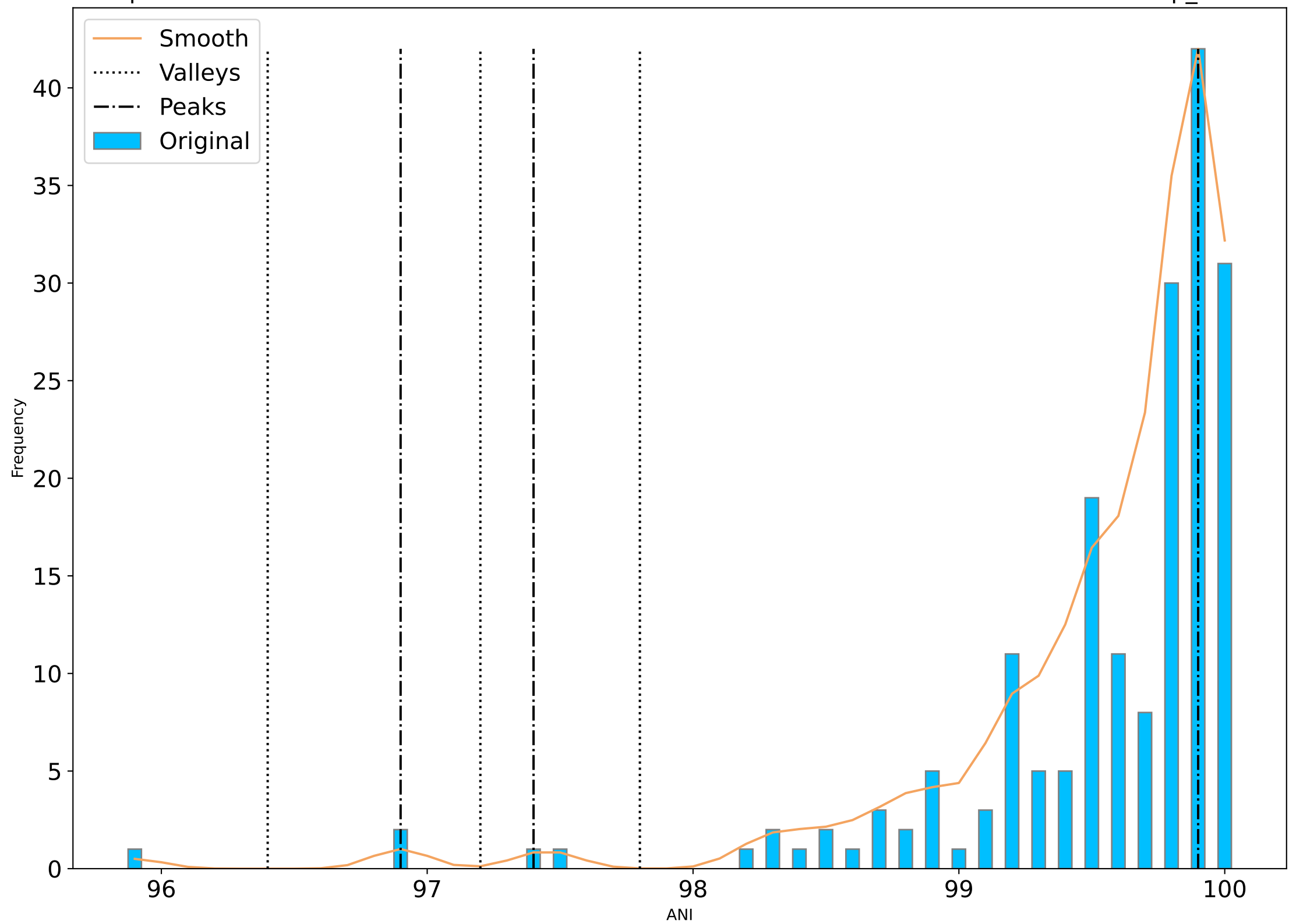


Species_2773

Group 2

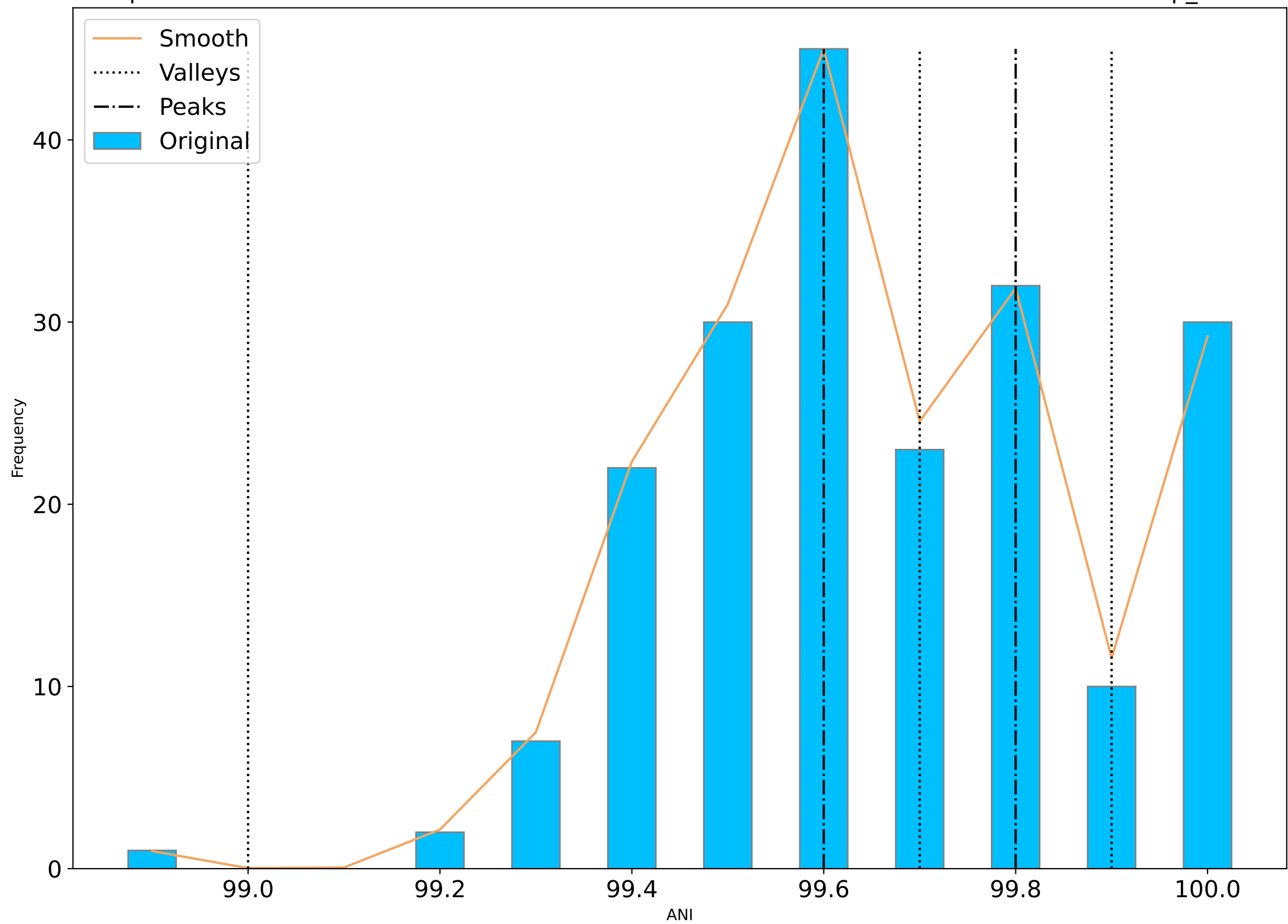
Norm_test 1.2655624968147866e-31

Dip_test 0.0



Species_2901
Group 2

Norm_test 0.6840227579884733
Dip_test 0.0

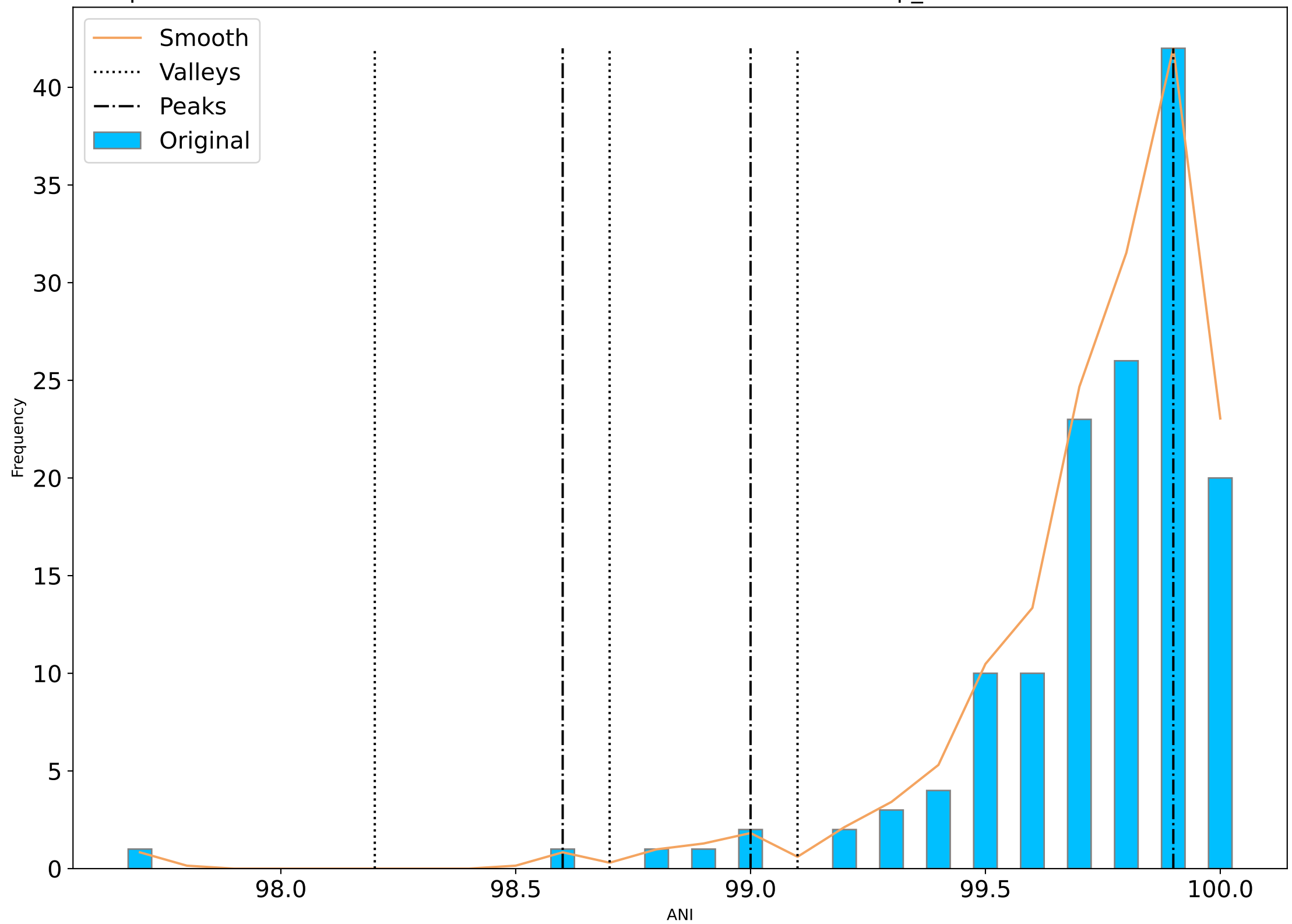


Species_2921

Group 2

Norm_test 6.558594277406169e-29

Dip_test 6.7715609129992416e-06



Species_3144
Group 2

Norm_test 3.529653123162404e-09
Dip_test 0.0

