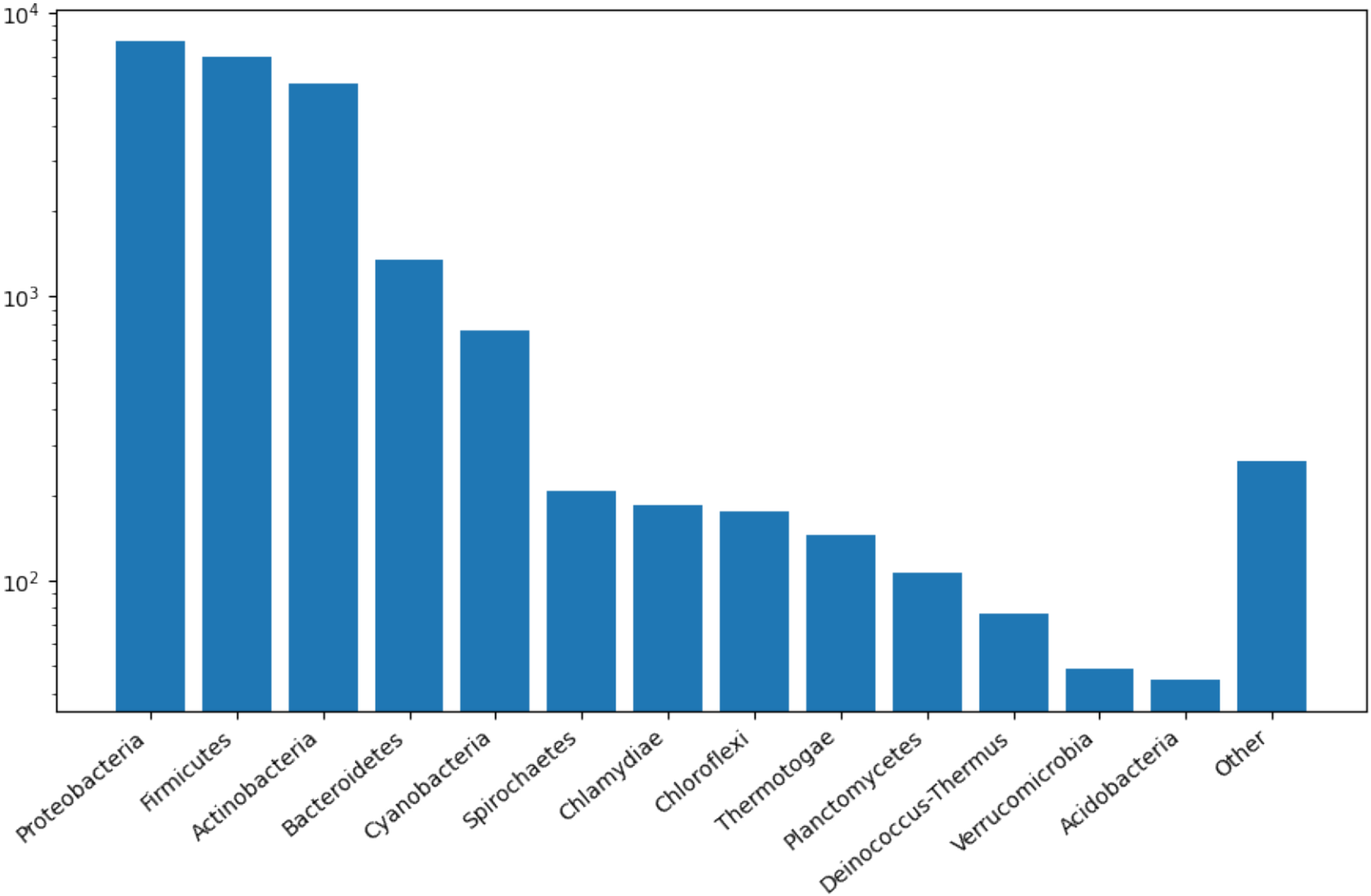
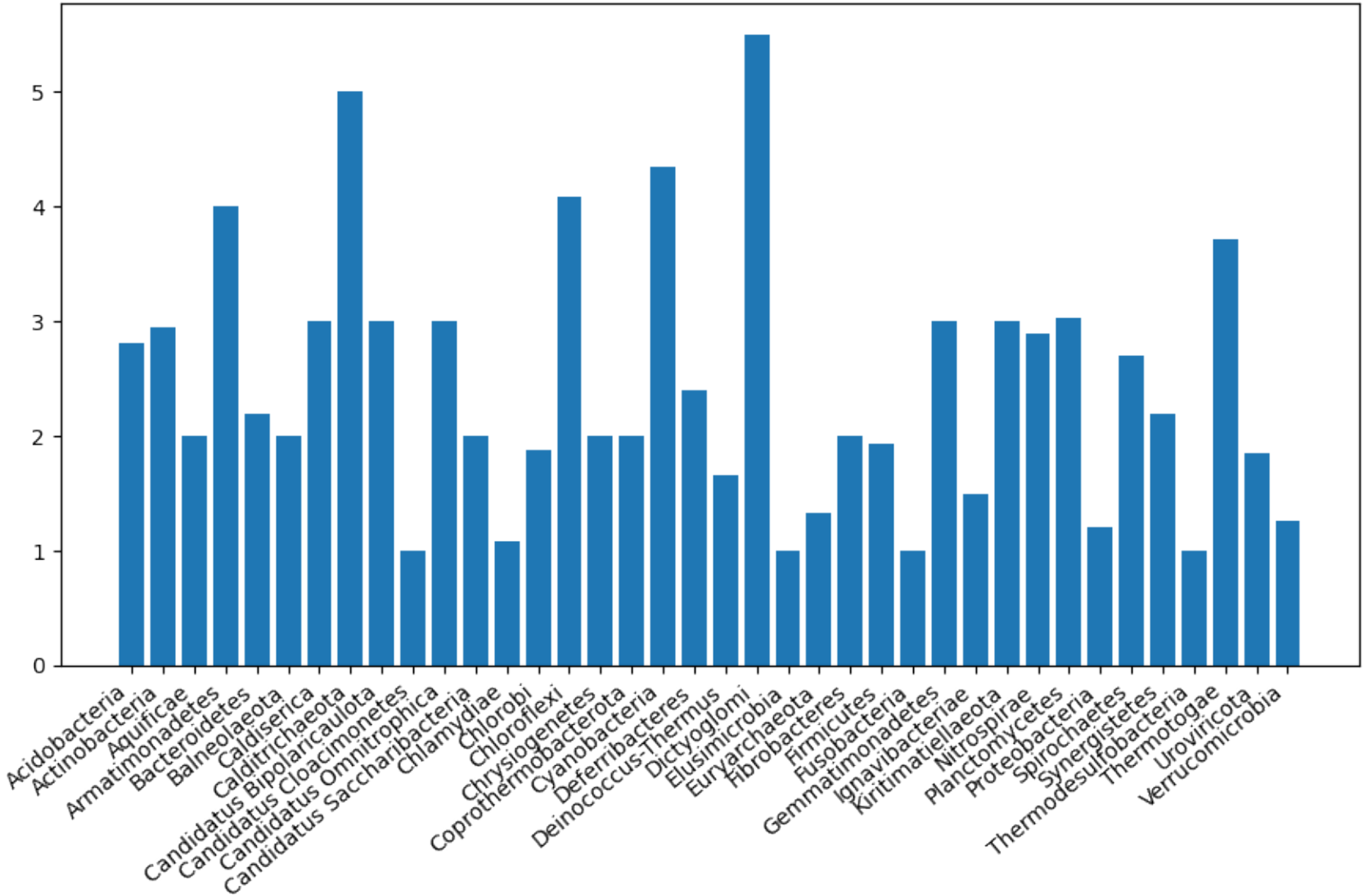

10^4
10^3
10^2
Proteobacteria
Firmicutes
Actinobacteria
Bacteroidetes
Cyanobacteria
Spirochaetes
Chlamydiae
Chloroflexi
Thermotogae
Planctomycetes
Deinococcus-Thermus
Verrucomicrobia
Acidobacteria
Other


0
1
2
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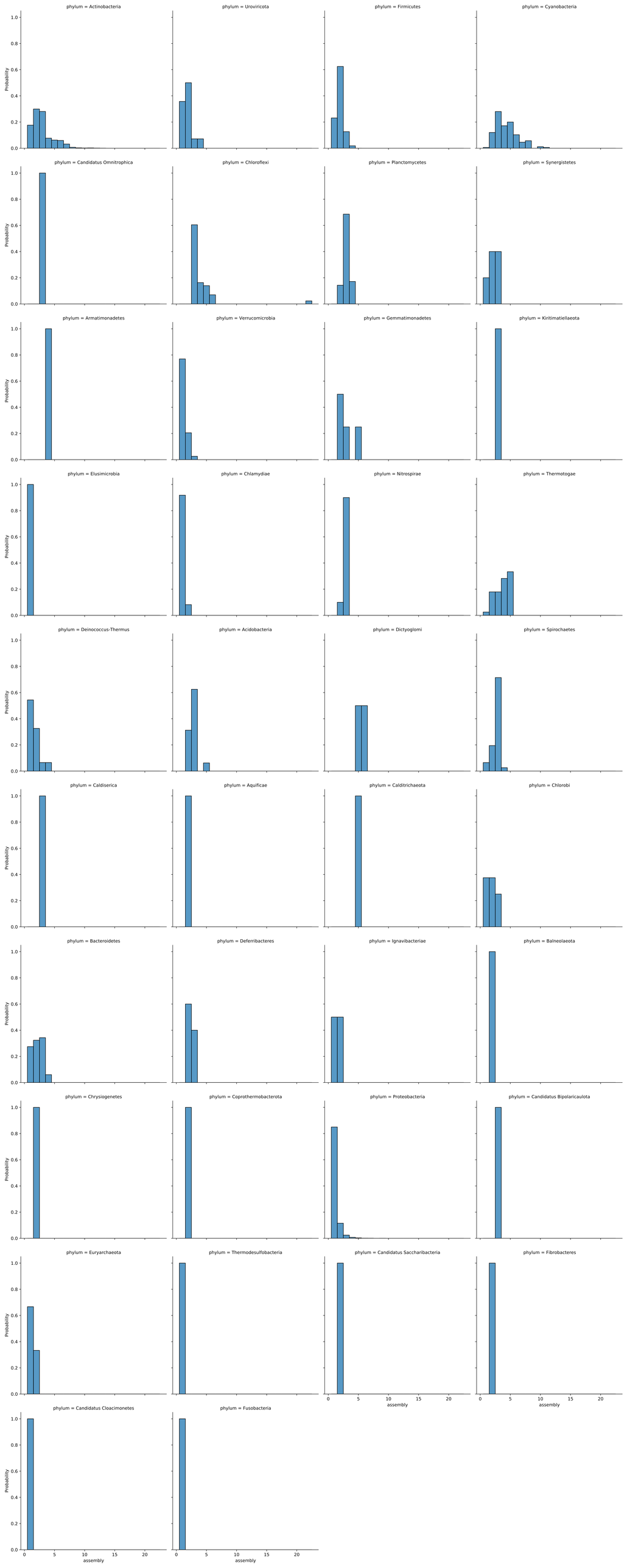
4
5
Acidobacteria
Actinobacteria
Aquificae
Armatimonadetes
Bacteroidetes
Balneolaeota
Caldiserica
Calditrichaeota
Candidatus Bipolaricaulota
Candidatus Cloacimonetes
Candidatus Omnitrophica
Candidatus Saccharibacteria
Chlamydiae
Chlorobi
Chloroflexi
Chrysiogenetes
Coprothermobacterota
Cyanobacteria
Deferribacteres
Deinococcus-Thermus
Dictyoglomi
Elusimicrobia
Euryarchaeota
Fibrobacteres
Firmicutes
Fusobacteria
Gemmatimonadetes
Ignavibacteriae
Kiritimatiellaeota
Nitrospirae
Planctomycetes
Proteobacteria
Spirochaetes
Synergistetes
Thermodesulfobacteria
Thermotogae
Uroviricota
Verrucomicrobia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phylum = Uroviricota
phylum = Firmicutes
phylum = Cyanobacteria
phylum = Candidatus Omnitrophica
phylum = Chloroflexi
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phylum = Synergistetes
phylum = Armatimonadetes
phylum = Verrucomicrobia
phylum = Gemmatimonadetes
phylum = Kiritimatiellaeota
phylum = Elusimicrobia
phylum = Chlamydiae
phylum = Nitrospirae
phylum = Thermotogae
phylum = Deinococcus-Thermus
phylum = Acidobacteria
phylum = Dictyoglomi
phylum = Spirochaetes
phylum = Caldiserica
phylum = Aquificae
phylum = Calditrichaeota
phylum = Chlorobi
phylum = Bacteroidetes
phylum = Deferribacteres
phylum = Ignavibacteriae
phylum = Balneolaeota
phylum = Chrysiogenetes
phylum = Coprothermobacterota
phylum = Proteobacteria
phylum = Candidatus Bipolaricaulota
phylum = Euryarchaeota
phylum = Thermodesulfobacteria
phylum = Candidatus Saccharibacteria
phylum = Fibrobacteres
phylum = Candidatus Cloacimonetes
phylum = Fusobacteria
Probability
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0.4
0.6
0.8
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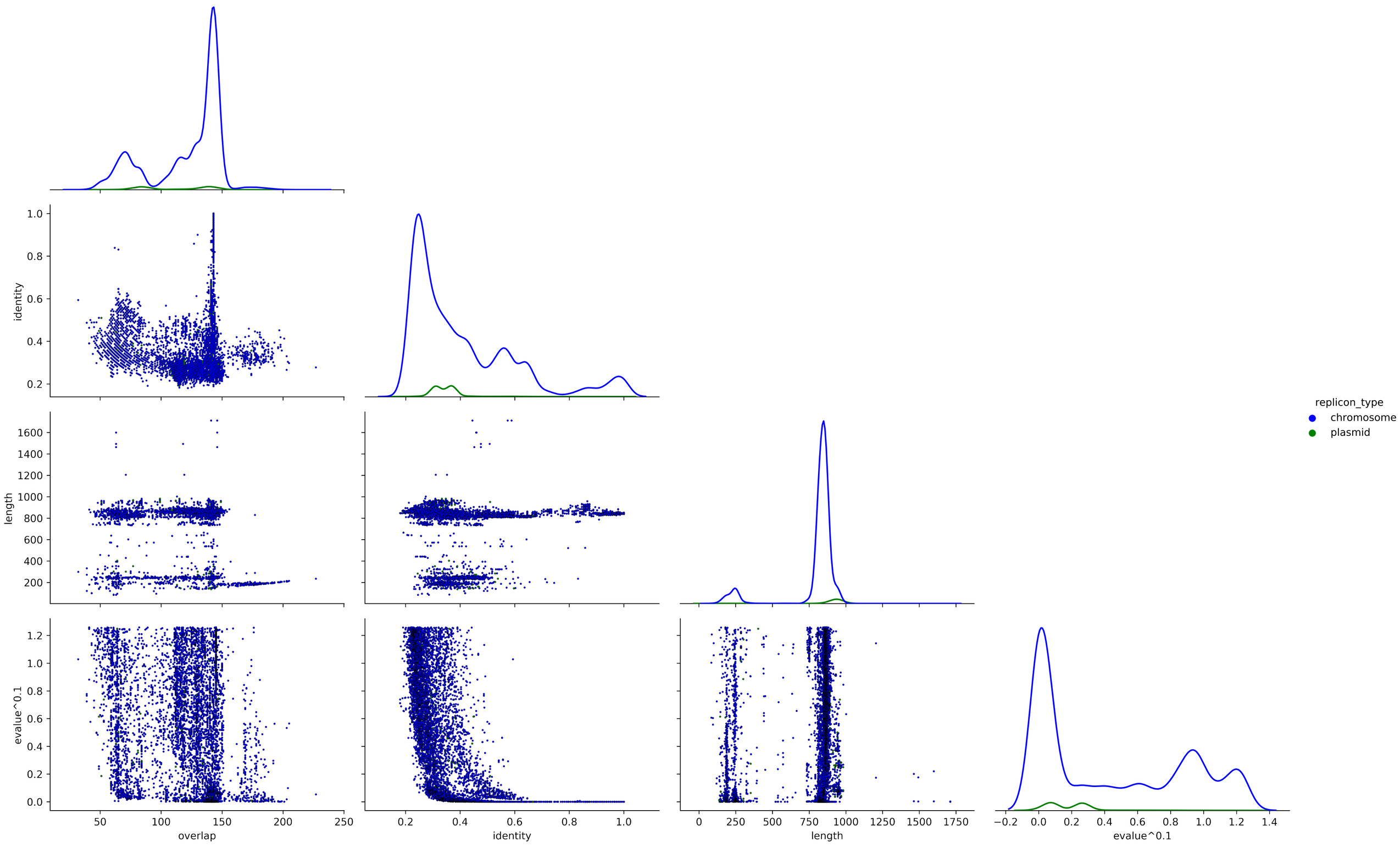
0
5
10
15
20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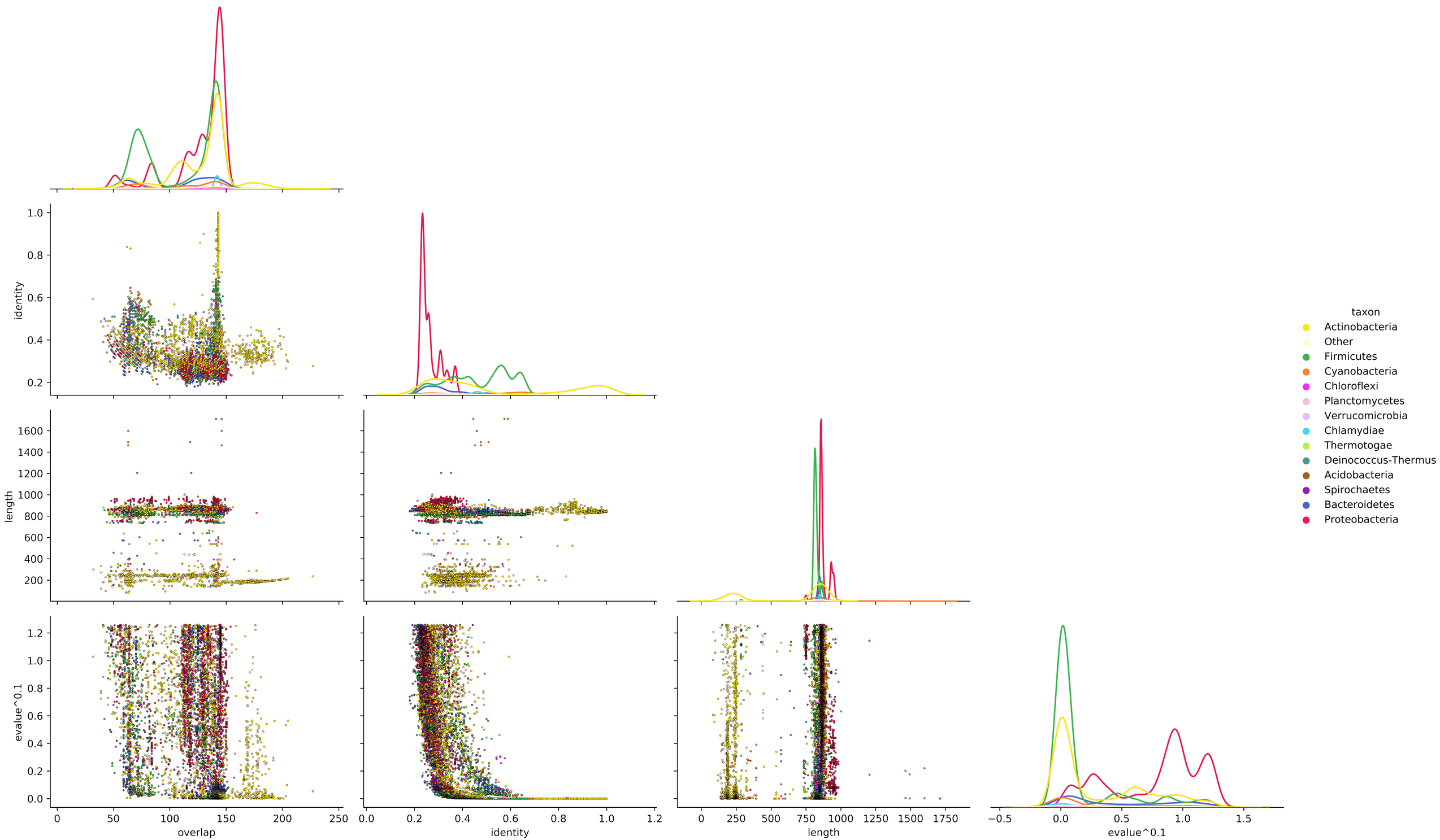
plasmid
identity
length
evalue^0.1
overlap
identity
length
evalue^0.1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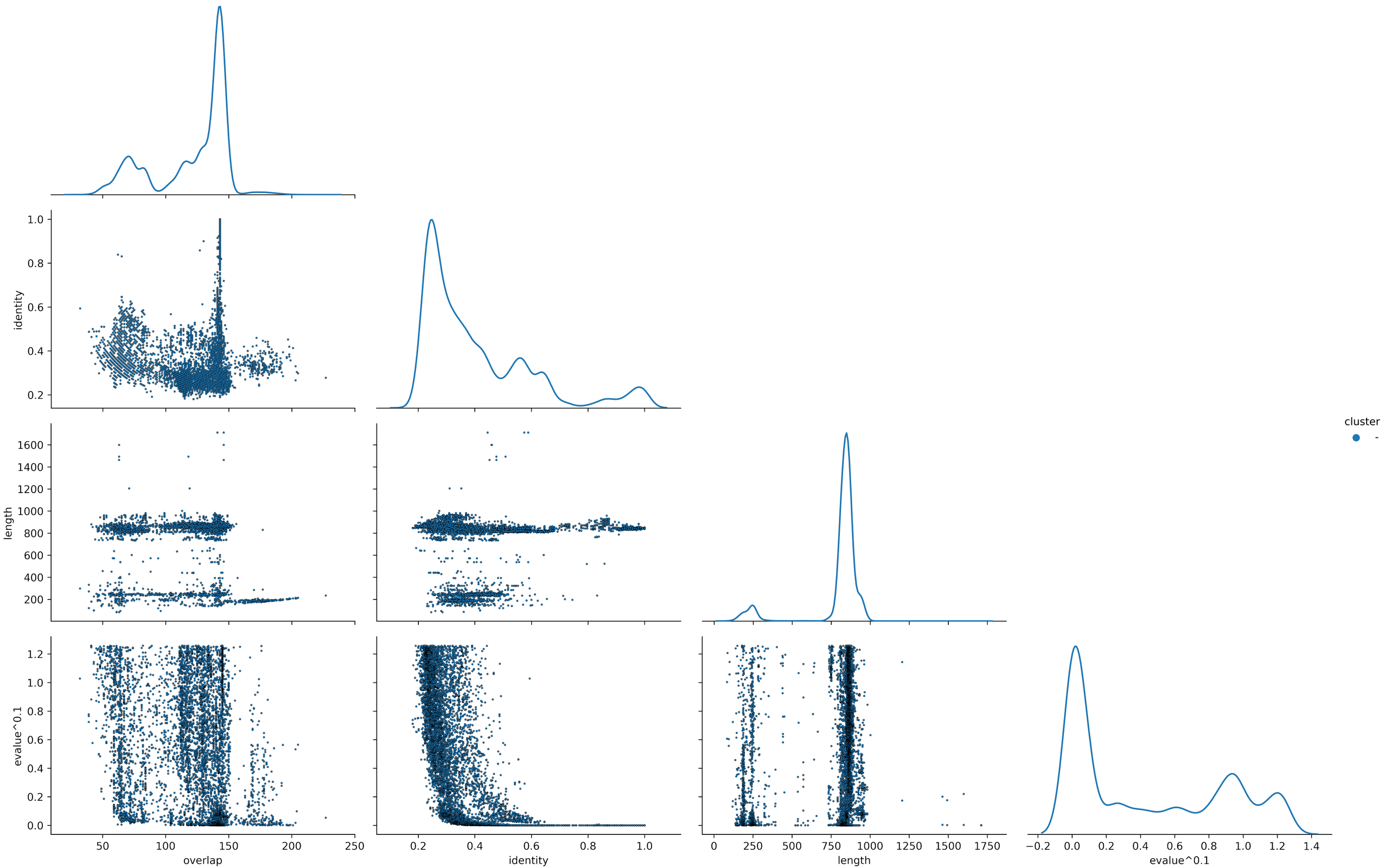
taxon
Actinobacteria
Other
Firmicutes
Cyanobacteria
Chloroflexi
Planctomycetes
Verrucomicrobia
Chlamydiae
Thermotogae
Deinococcus-Thermus
Acidobacteria
Spirochaetes
Bacteroidetes
Proteobacteria


cluster
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identity
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evalue^0.1
overlap
identity
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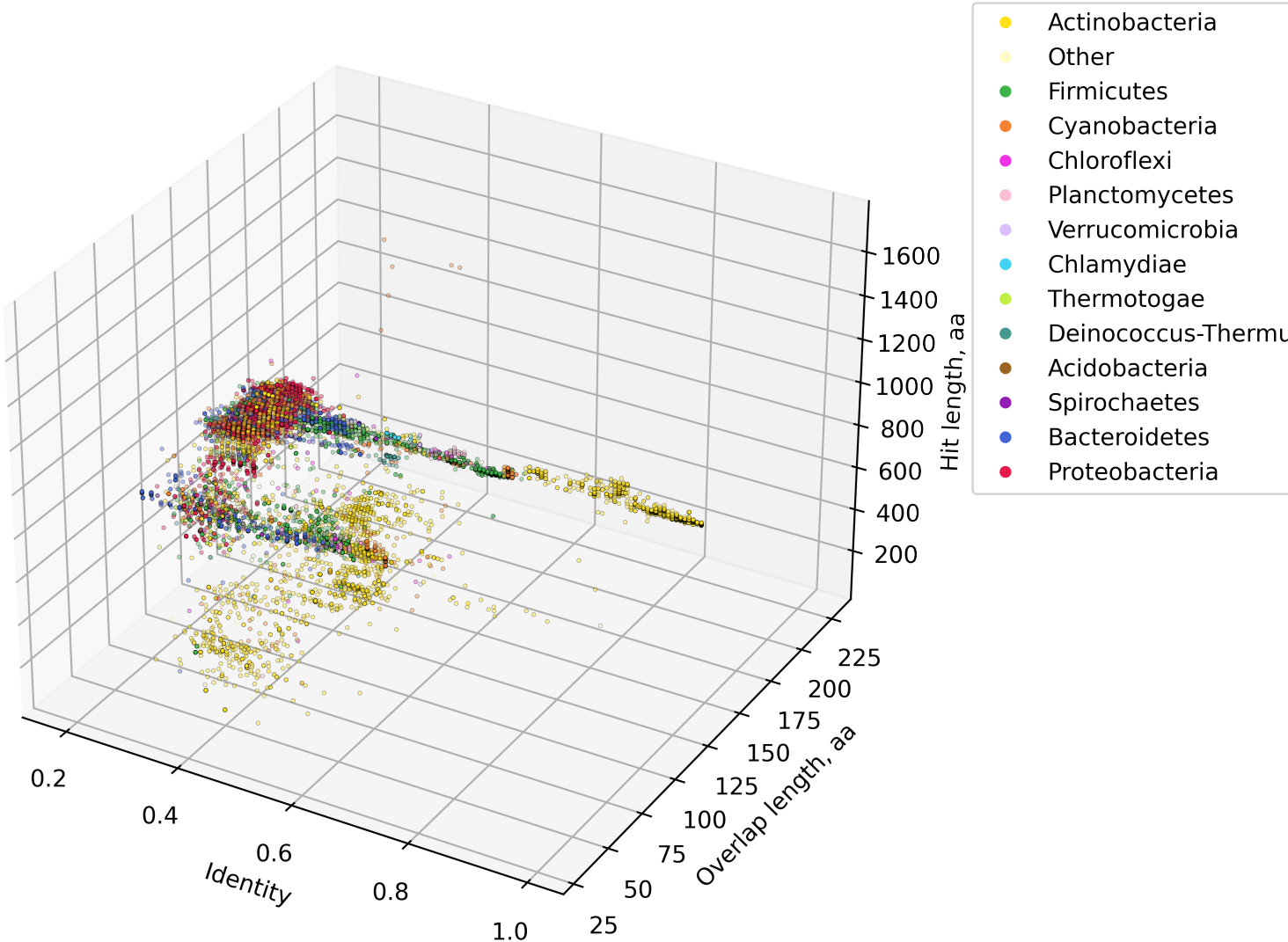
Actinobacteria
Other
Firmicutes
Cyanobacteria
Chloroflexi
Planctomycetes
Verrucomicrobia
Chlamydiae
Thermotogae
Deinococcus-Thermu
Acidobacteria
Spirochaetes
Bacteroidetes
Proteobacteria
Hit length, aa
1600
1400
1200
1000
800
600
400
200
Overlap length, aa
225
200
175
150
125
100
75
50
25
Identity
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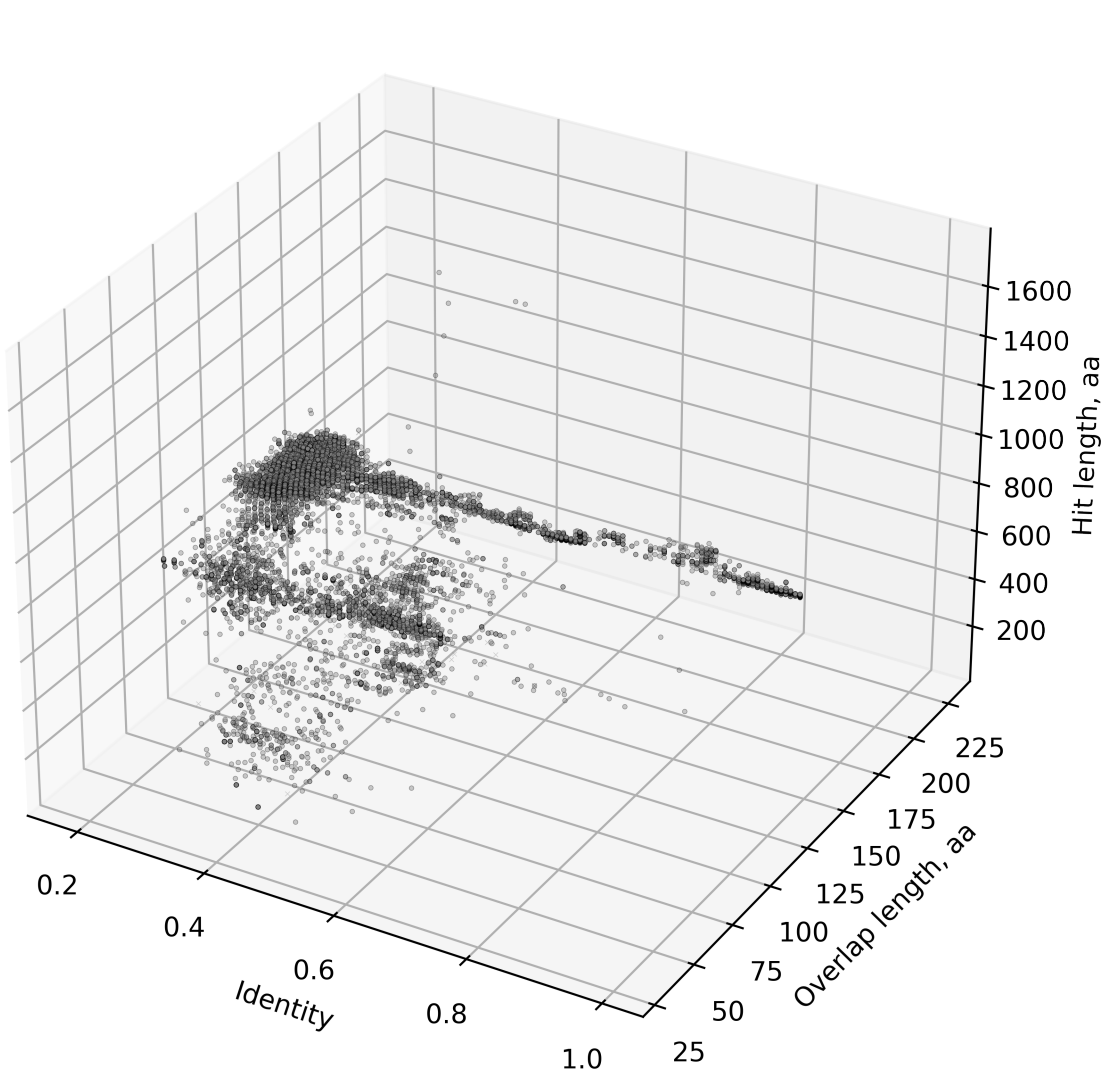
0.4
0.6
0.8
1.0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Hit length, aa
1600
1400
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Identity
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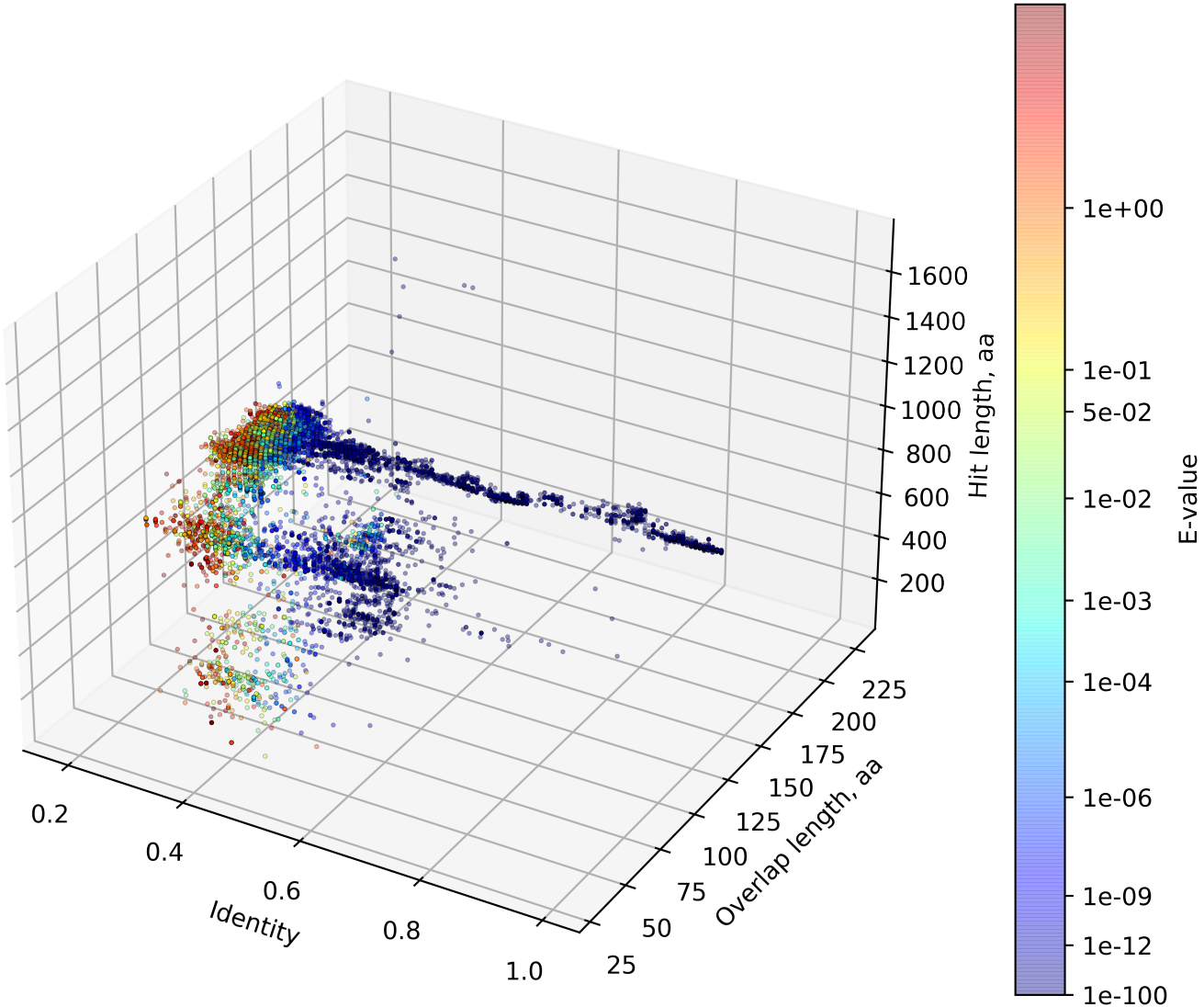
Identity
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1.0
Overlap length, aa
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50
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100
125
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175
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225
Hit length, aa
200
400
600
800
1000
1200
1400
1600
E-value
1e+00
1e-01
5e-02
1e-02
1e-03
1e-04
1e-06
1e-09
1e-12
1e-100