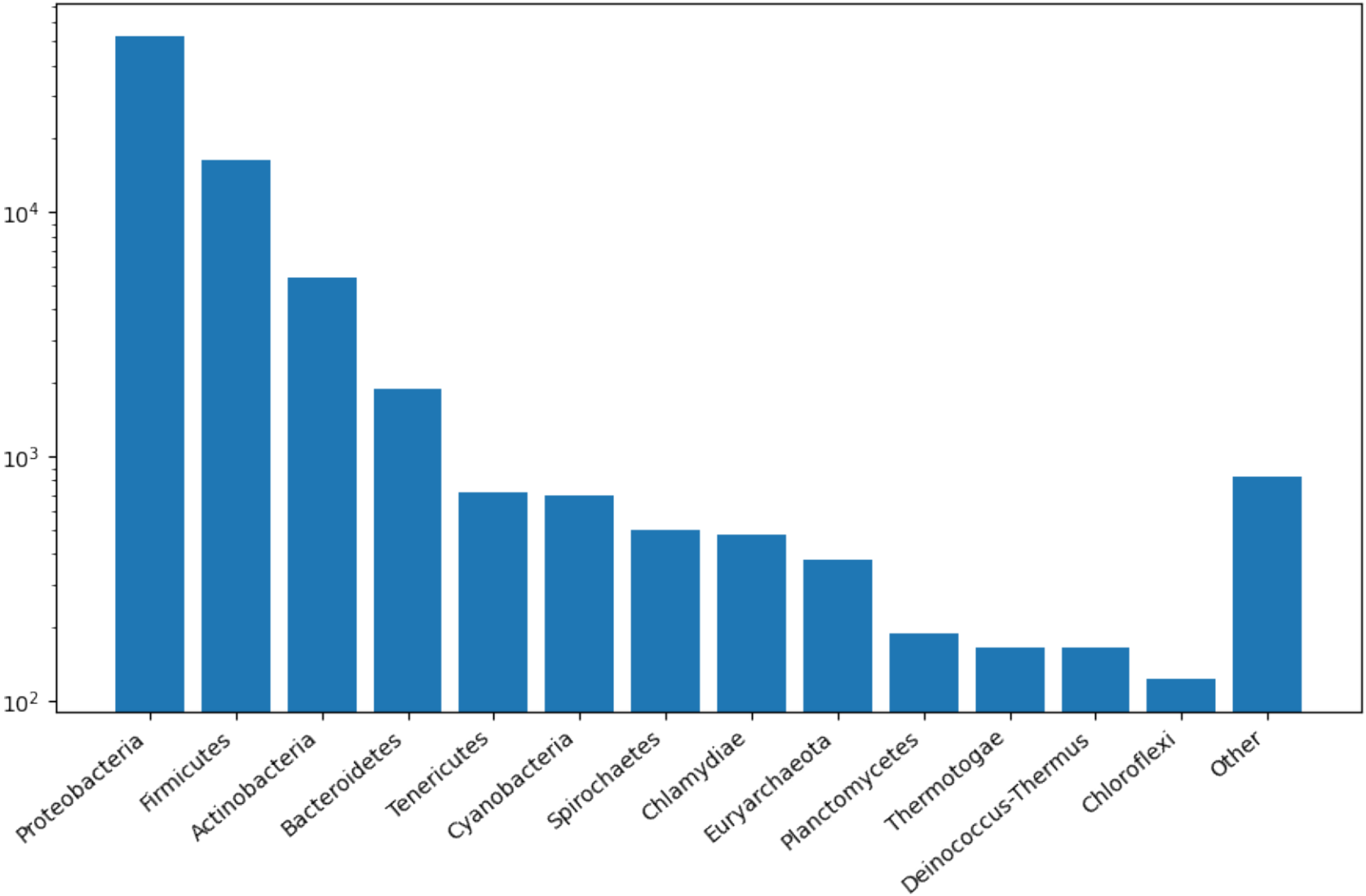
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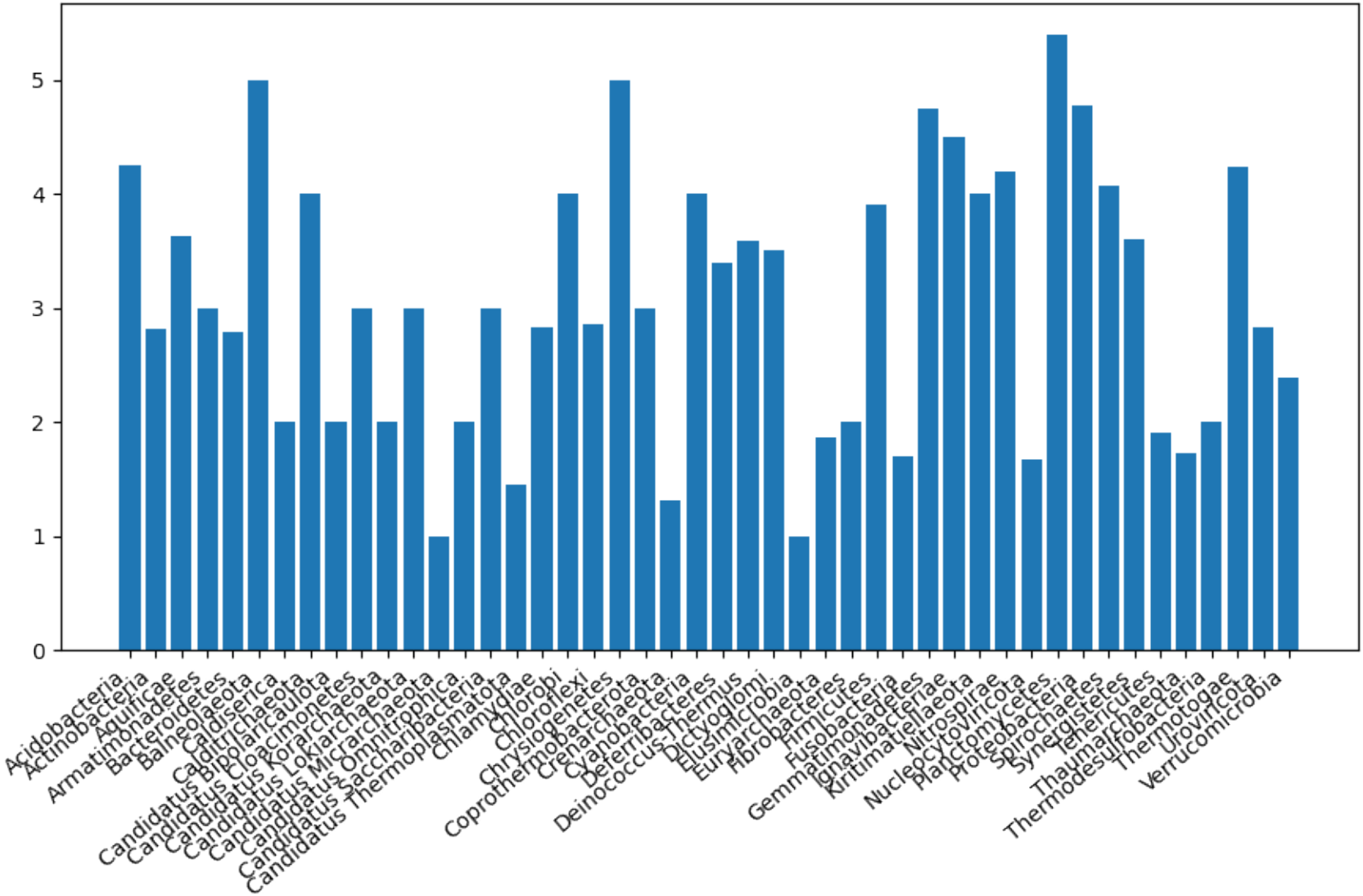
10^3
10^2
Proteobacteria
Firmicutes
Actinobacteria
Bacteroidetes
Tenericutes
Cyanobacteria
Spirochaetes
Chlamydiae
Euryarchaeota
Planctomycetes
Thermotogae
Deinococcus-Thermus
Chloroflexi
Other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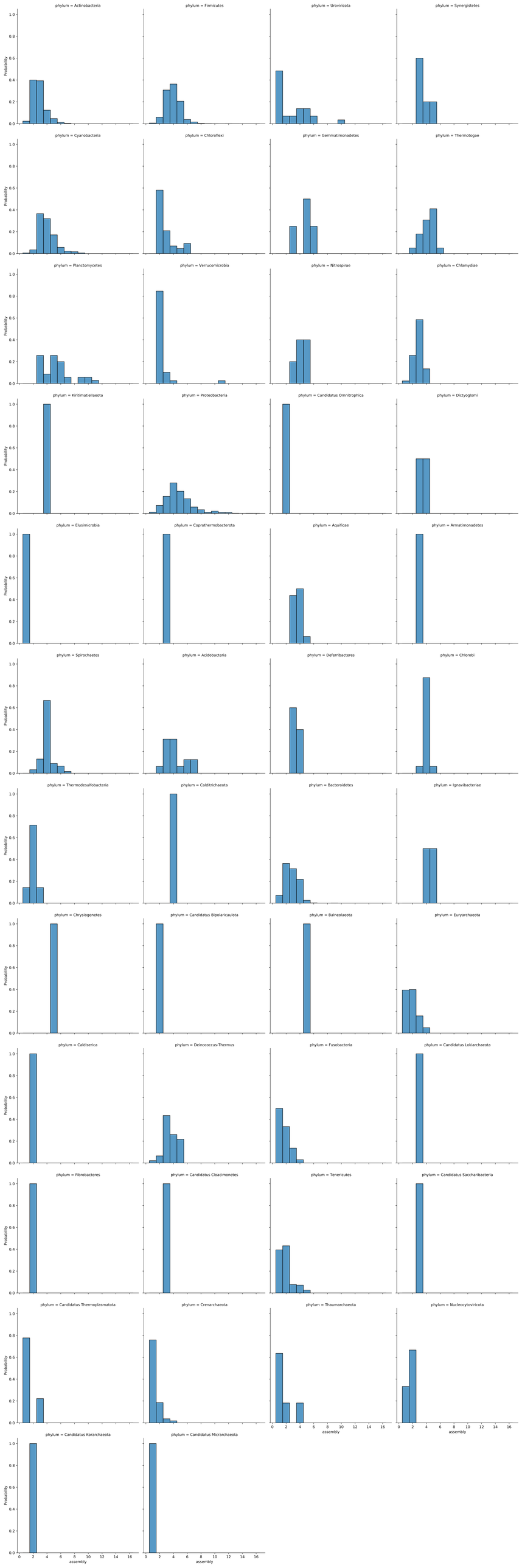
Acidobacteria
Actinobacteria
Aquificae
Armatimonadetes
Bacteroidetes
Balneolaeota
Caldiserica
Caldithrichaeota
Candidatus Bipolaricaulota
Candidatus Cloacimonetes
Candidatus Korarchaeota
Candidatus Lokiarchaeota
Candidatus Micrarchaeota
Candidatus Omnitrophica
Candidatus Saccharibacteria
Candidatus Thermoplasmatota
Chlamydiae
Chlorobi
Chloroflexi
Chrysiogenetes
Coprothermobacterota
Crenarchaeota
Cyanobacteria
Deferribacteres
Deinococcus-Thermus
Dictyoglomi
Elusimicrobia
Euryarchaeota
Fibrobacteres
Firmicutes
Fusobacteria
Gemmatimonadetes
Ignavibacteriae
Kiritimatiellaeota
Nitrospirae
Nucleocytoviricota
Planctomycetes
Proteobacteria
Spirochaetes
Synergistetes
Tenericutes
Thaumarchaeota
Thermodesulfobacteria
Thermotogae
Urovircota
Verrucomicrobia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phylum = Chlamydiae
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phylum = Proteobacteria
phylum = Candidatus Omnitrophica
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phylum = Elusimicrobia
phylum = Coprothermobacterota
phylum = Aquificae
phylum = Armatimonadetes
phylum = Spirochaetes
phylum = Acidobacteria
phylum = Deferribacteres
phylum = Chlorobi
phylum = Thermodesulfobacteria
phylum = Calditrichaeota
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phylum = Candidatus Bipolaricaulota
phylum = Balneolaeota
phylum = Euryarchaeota
phylum = Caldiserica
phylum = Deinococcus-Thermus
phylum = Fusobacteria
phylum = Candidatus Lokiarchaeota
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phylum = Candidatus Cloacimonetes
phylum = Tenericutes
phylum = Candidatus Saccharibacteria
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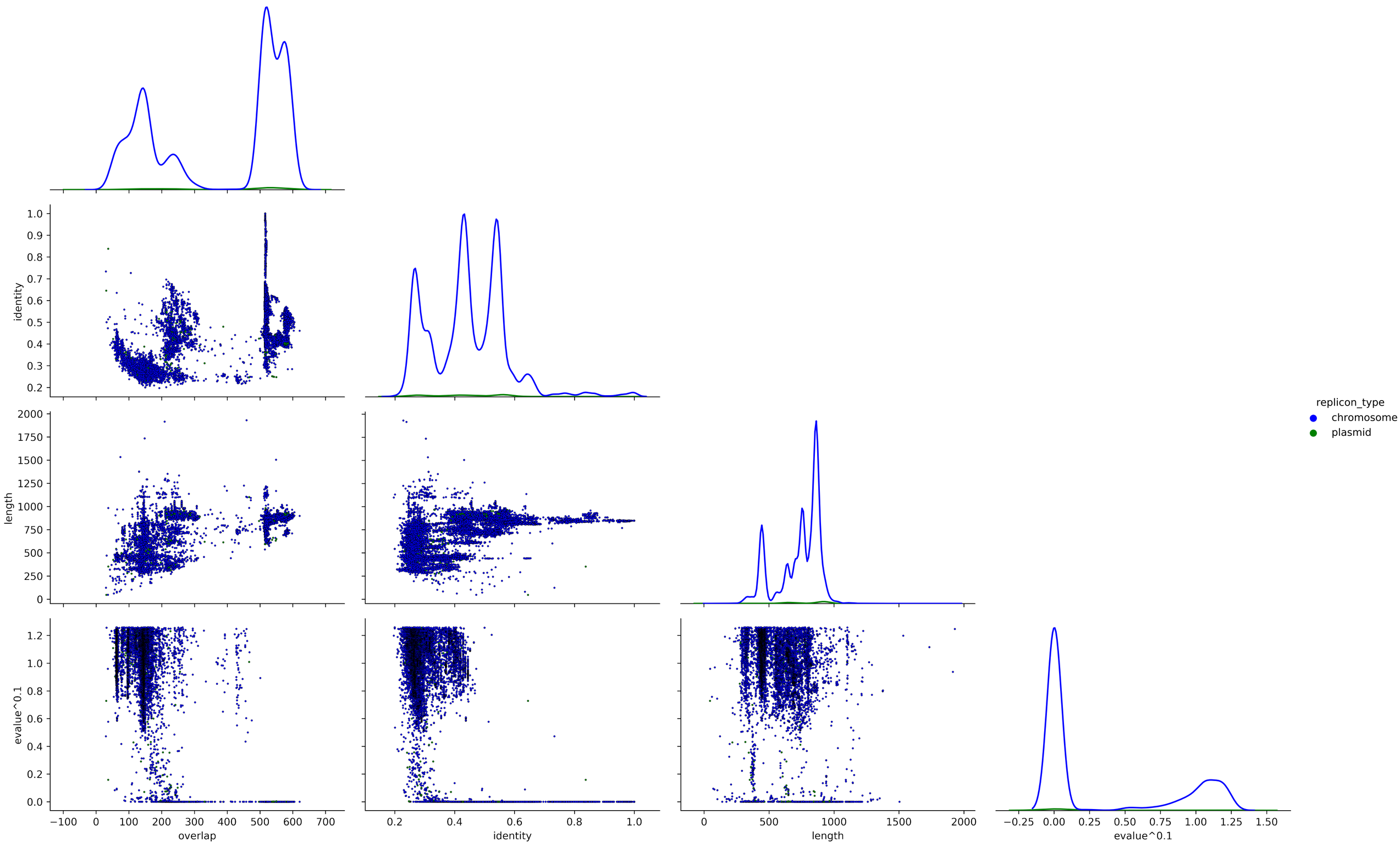
Probability
assembly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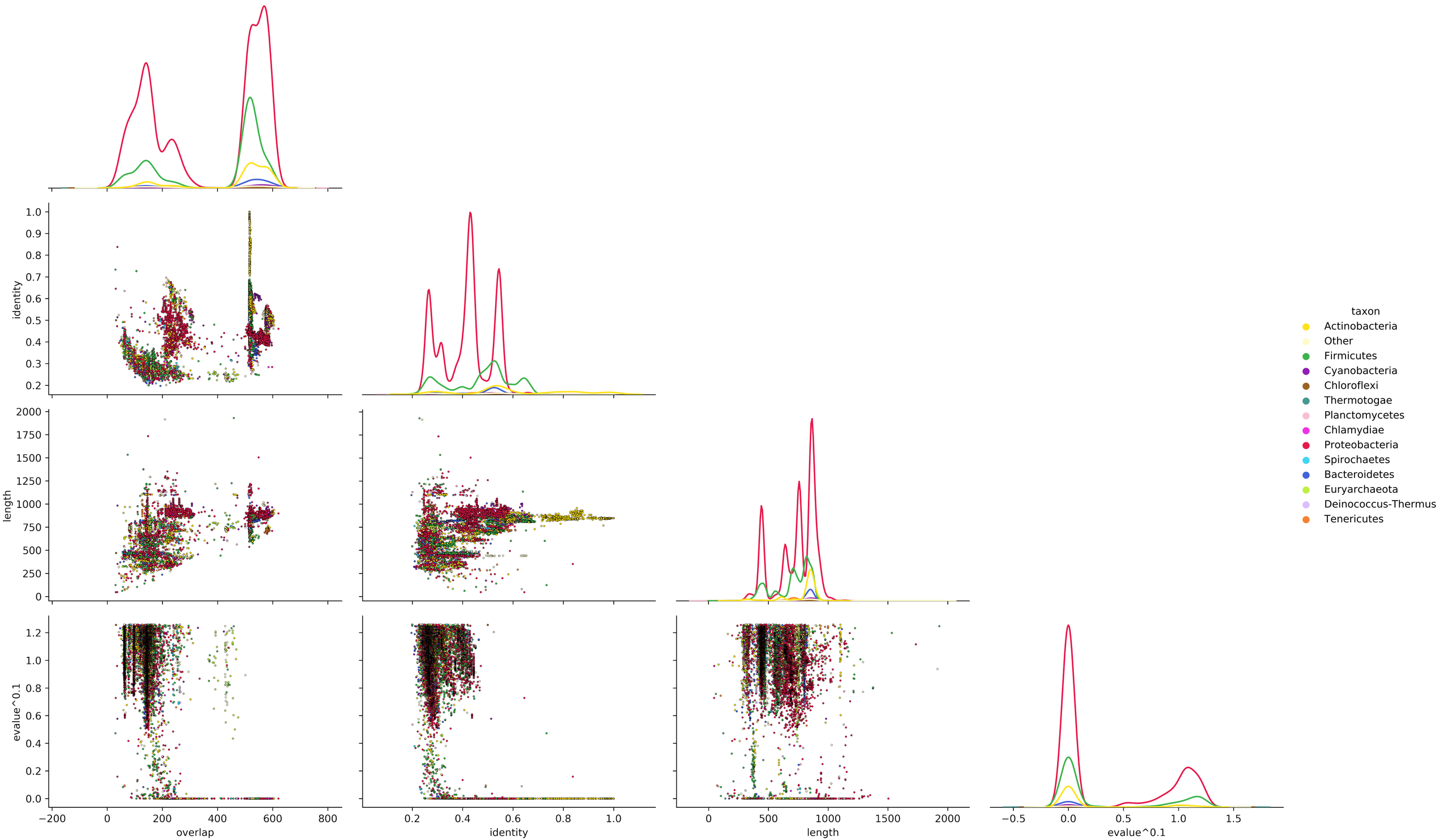
overlap
identity
length
evalue^0.1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Actinobacteria
Other
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Cyanobacteria
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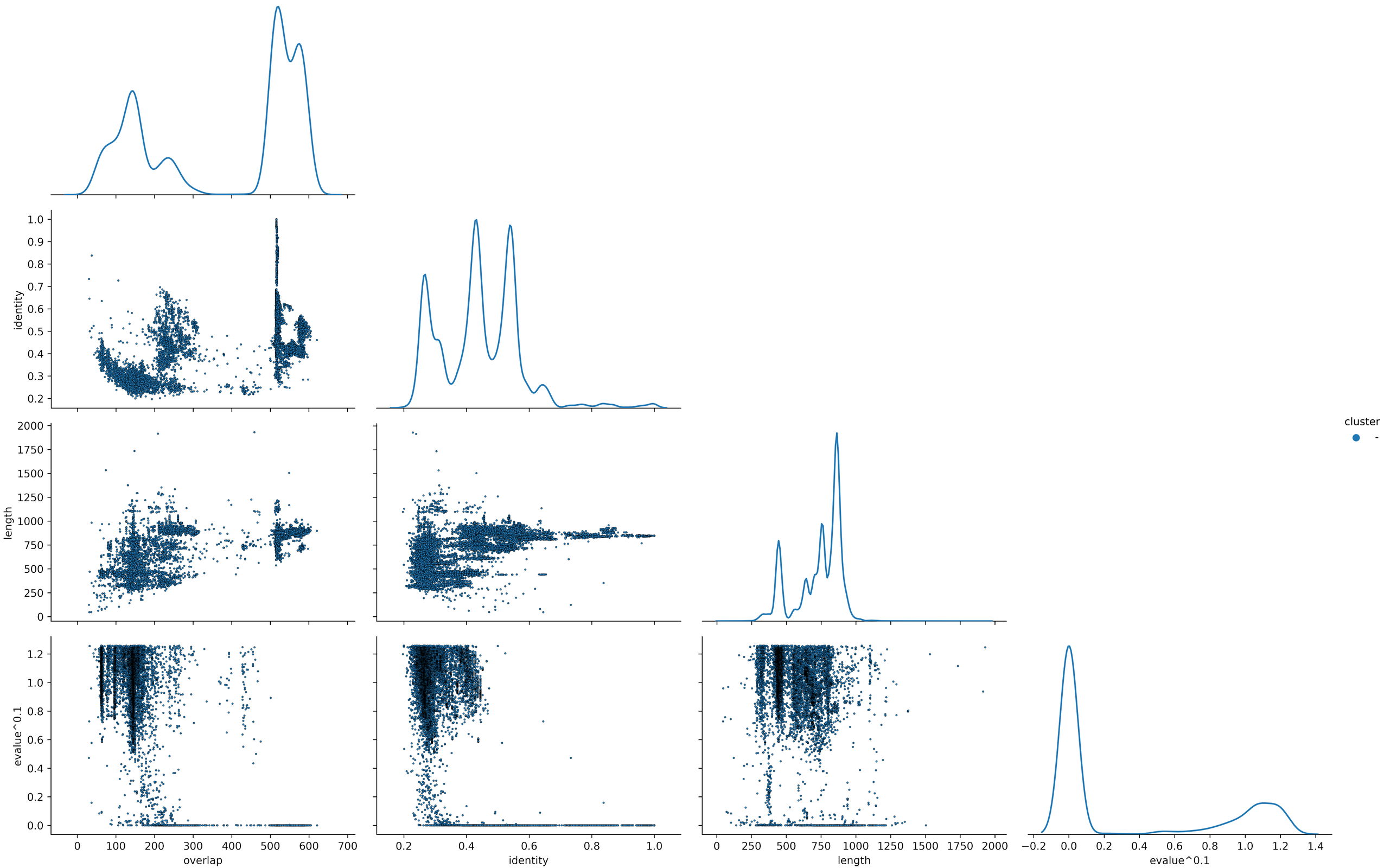
Thermotogae
Planctomycetes
Chlamydiae
Proteobacteria
Spirochaetes
Bacteroidetes
Euryarchaeota
Deinococcus-Thermus
Tenericutes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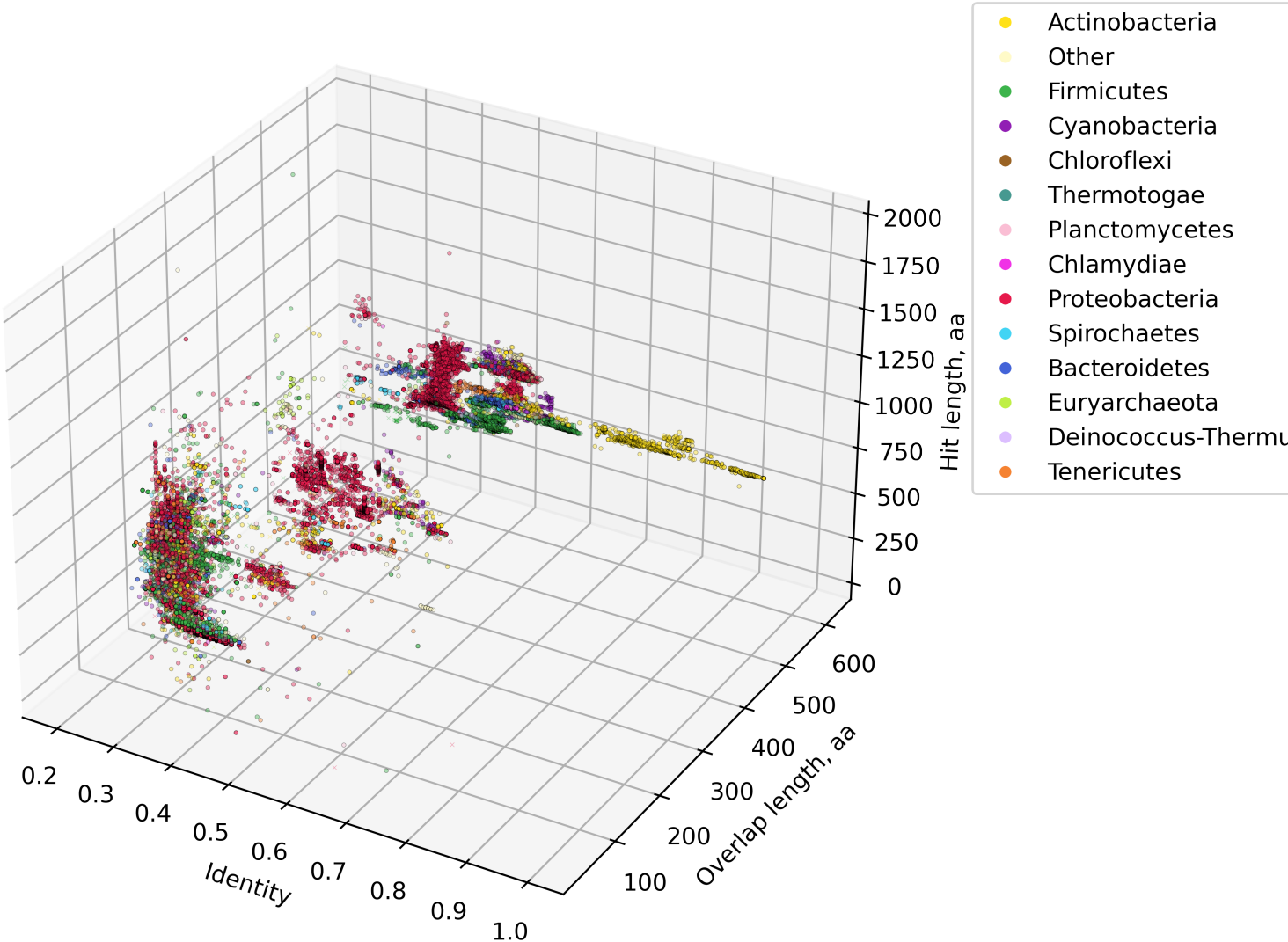
Actinobacteria
Other
Firmicutes
Cyanobacteria
Chloroflexi
Thermotogae
Planctomycetes
Chlamydiae
Proteobacteria
Spirochaetes
Bacteroidetes
Euryarchaeota
Deinococcus-Thermu
Tenericutes
Hit length, aa
0
250
500
750
1000
1250
1500
1750
2000
Overlap length, aa
100
200
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400
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Identity
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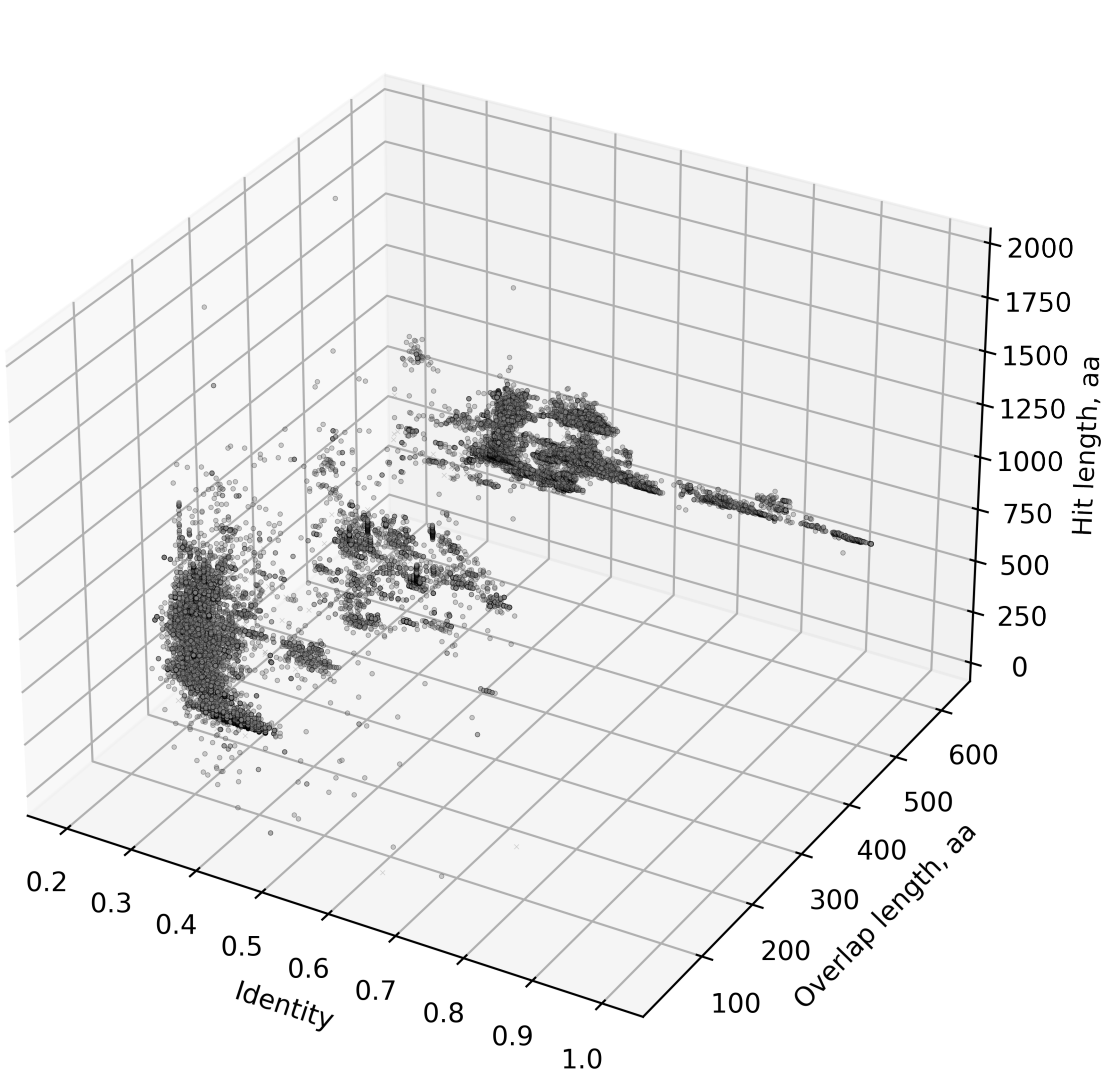
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Hit length, aa
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1750
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1250
1000
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500
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0
Overlap length, aa
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Identity
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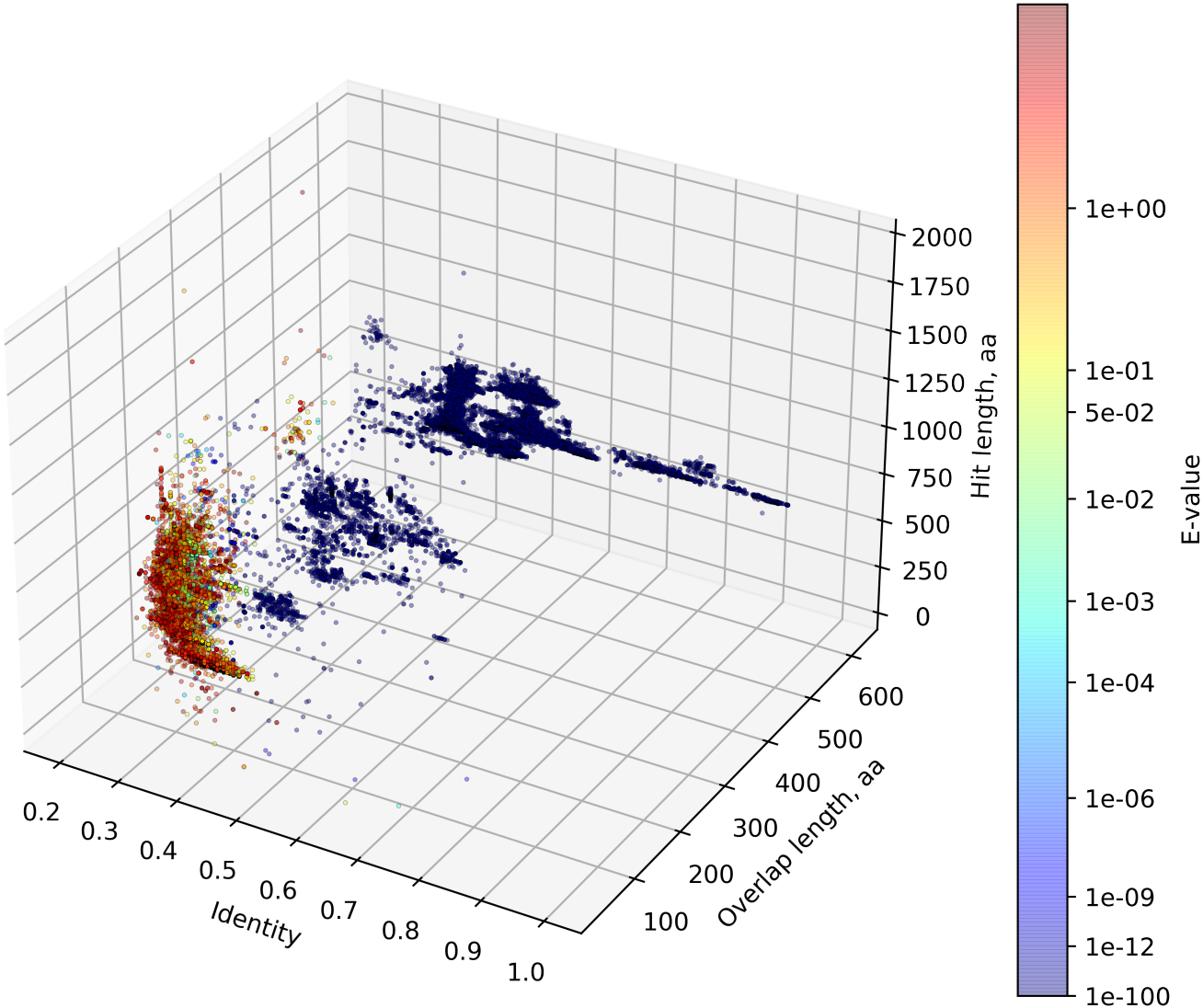
Identity
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1.0
Overlap length, aa
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200
300
400
500
600
Hit length, aa
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250
500
750
1000
1250
1500
1750
2000
E-value
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1e-01
5e-02
1e-02
1e-03
1e-04
1e-06
1e-09
1e-12
1e-100