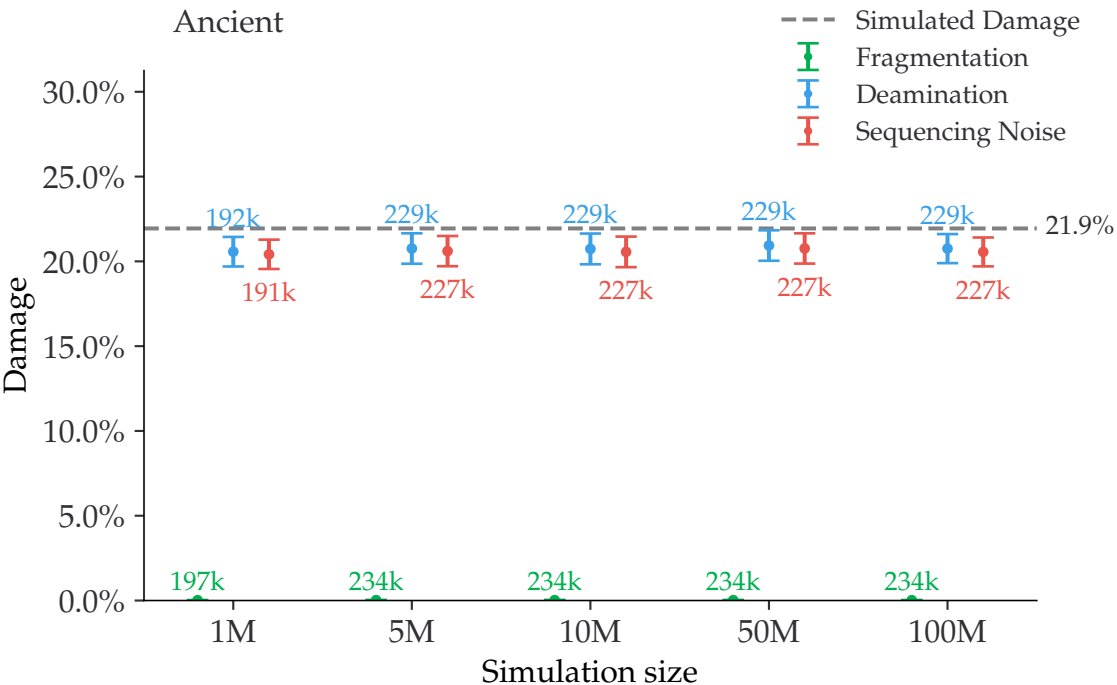


Cave-102

Tax ID: 122557, s__Desulfobulbus oralis

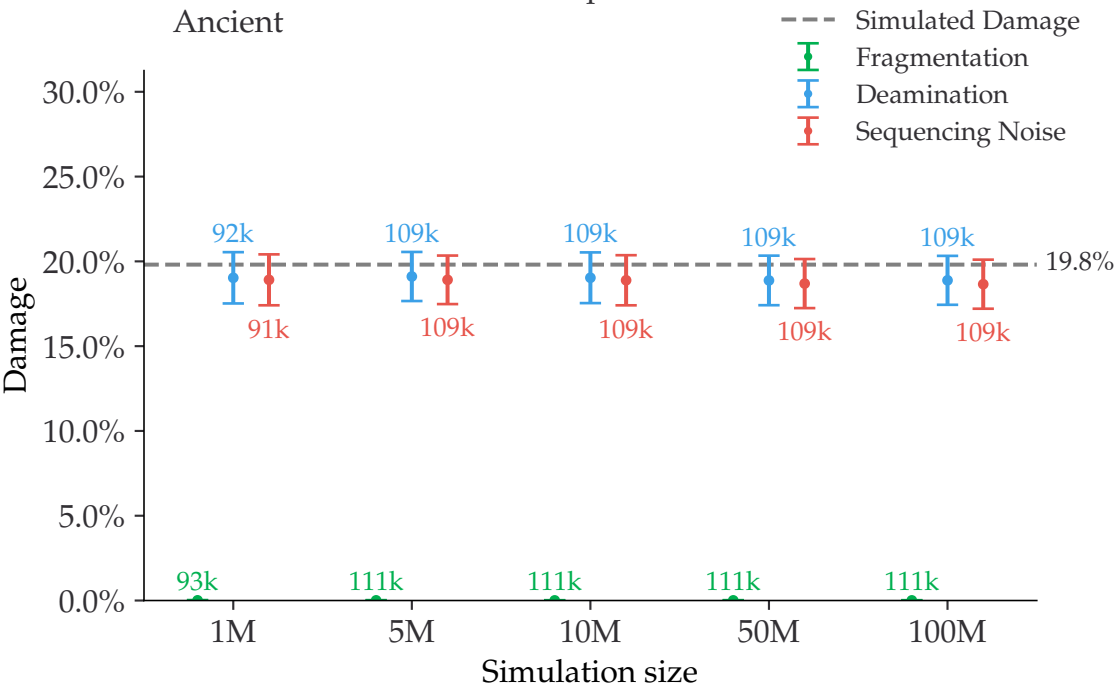
Ancient



Cave-102

Tax ID: 120170, s_Flexilinea sp001717545

Ancient

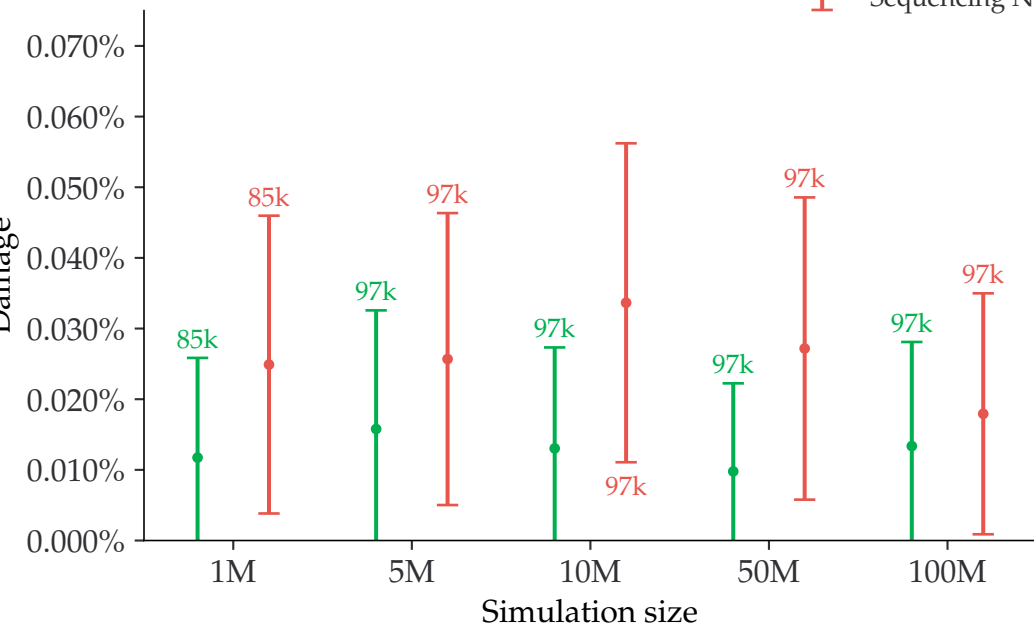


Cave-102

Tax ID: 81856, *s__Acinetobacter johnsonii*

Non-ancient

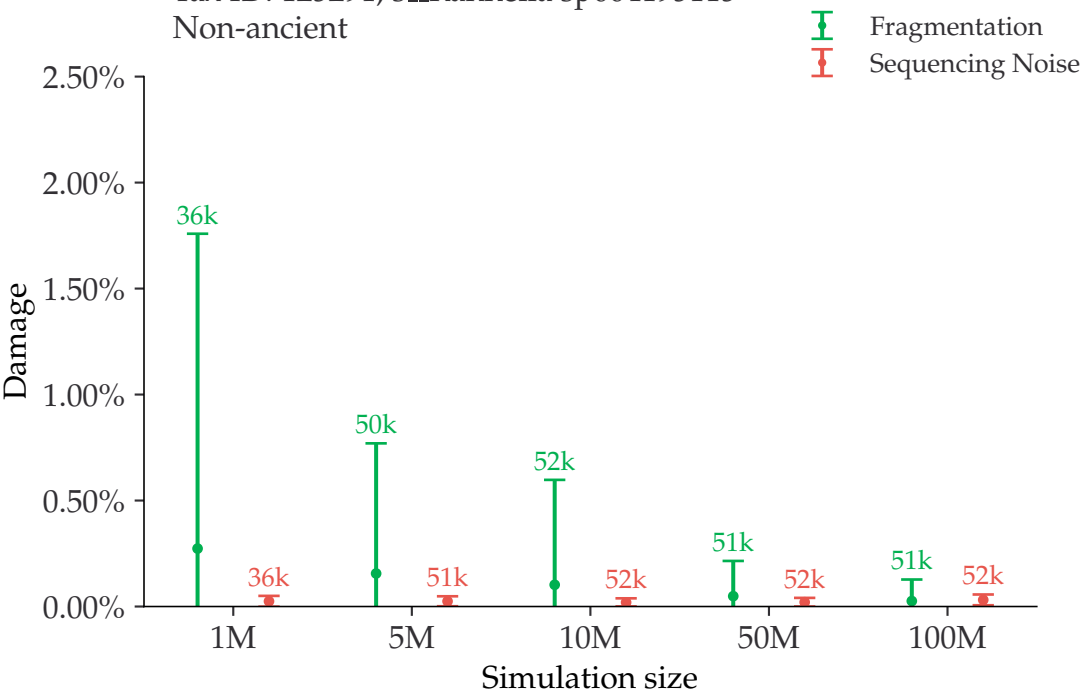
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 125291, s__Rahnella sp004195115

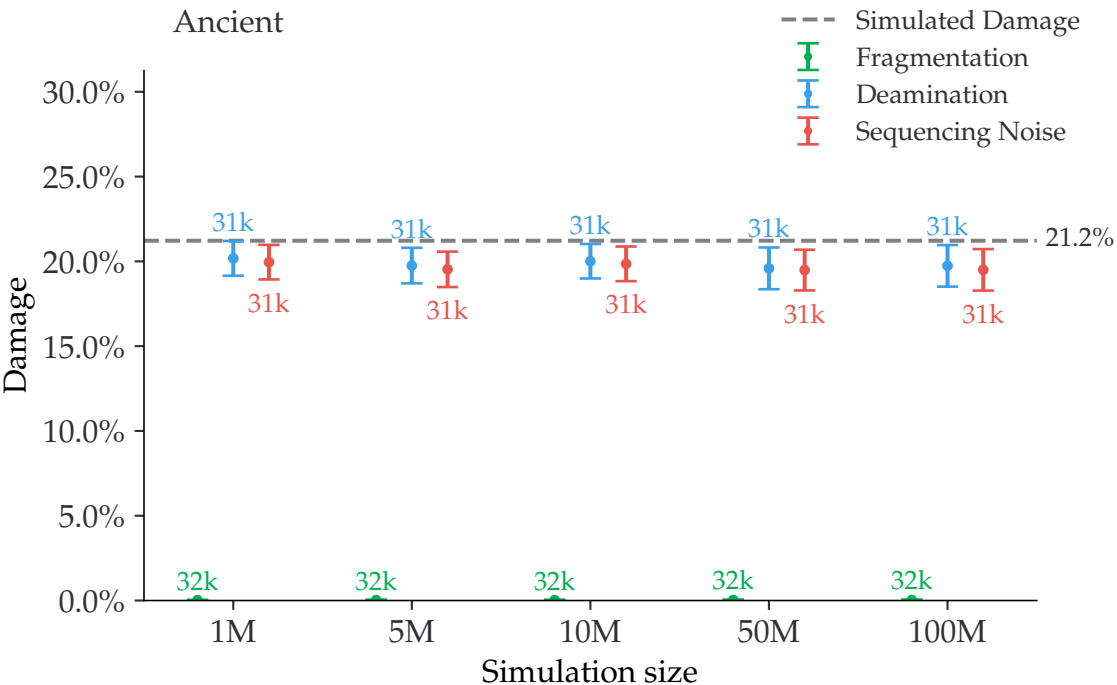
Non-ancient



Cave-102

Tax ID: 123923, s__Eubacterium_A minutum

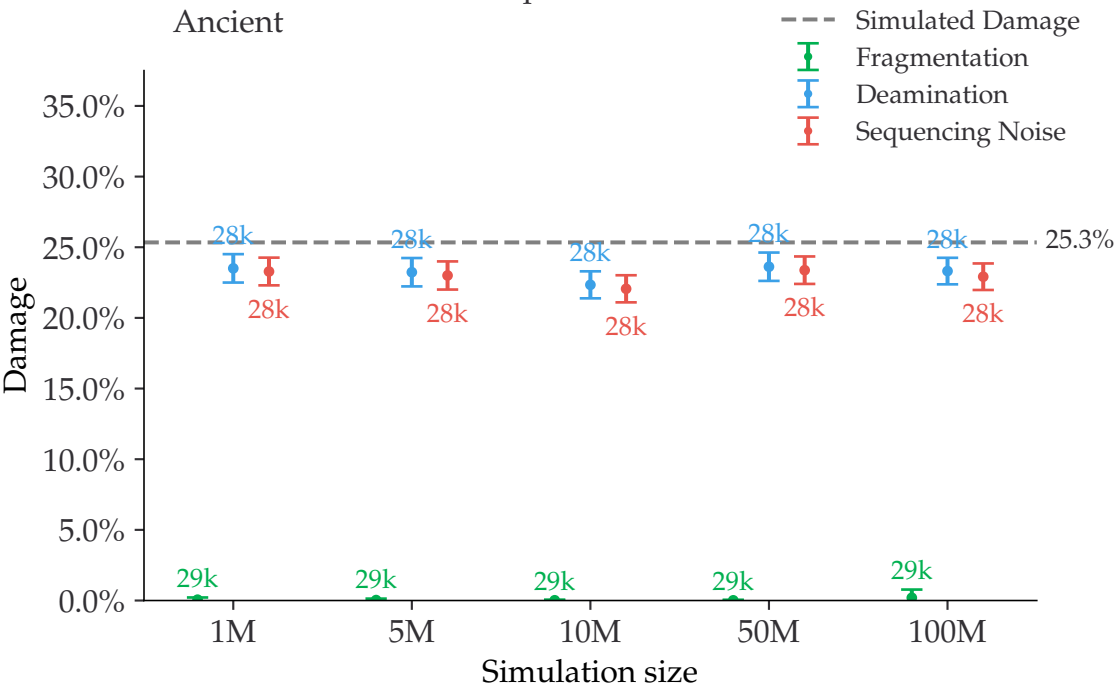
Ancient



Cave-102

Tax ID: 113697, s__Lautropia mirabilis

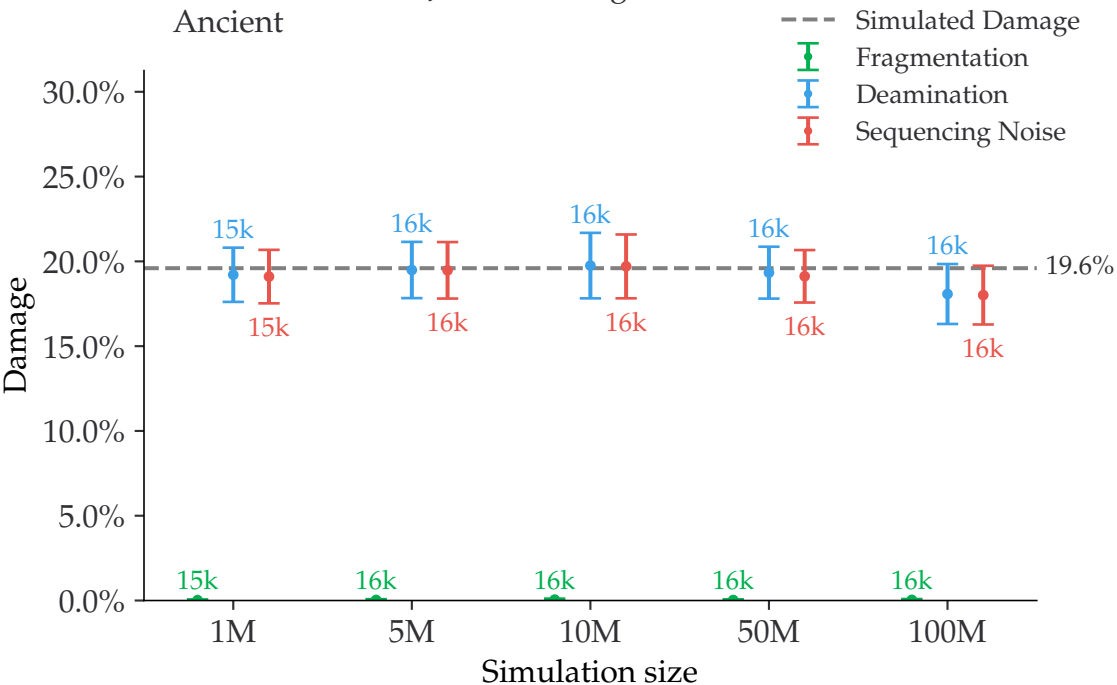
Ancient



Cave-102

Tax ID: 114024, s_Johnsonella ignava

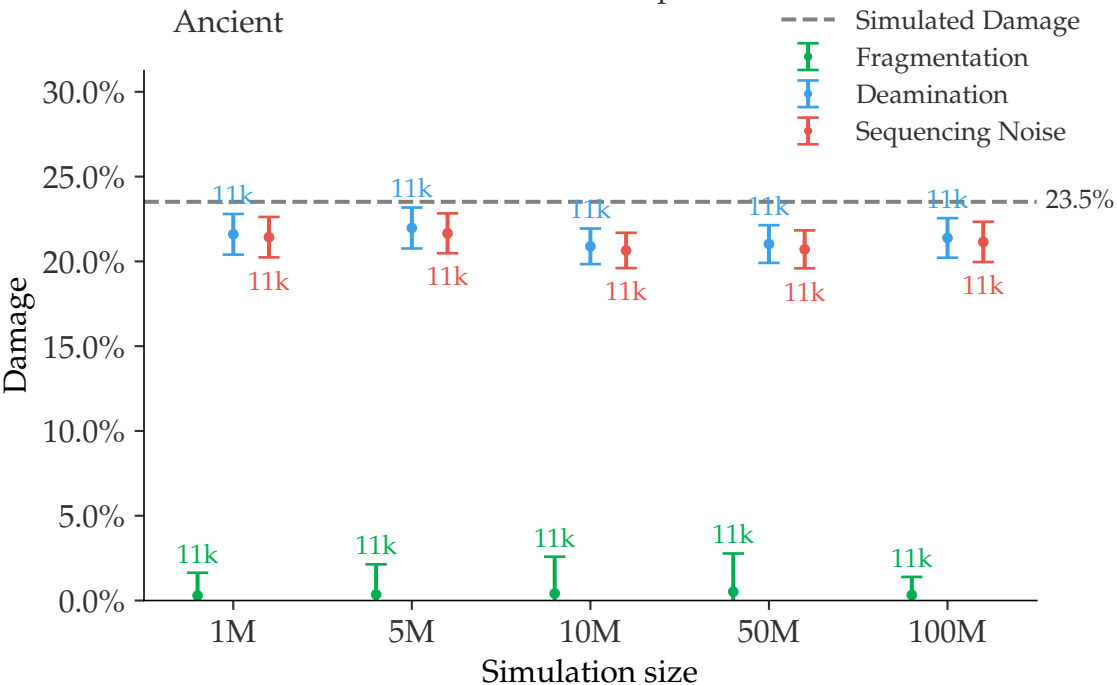
Ancient



Cave-102

Tax ID: 124695, s__Fretibacterium sp003860125

Ancient

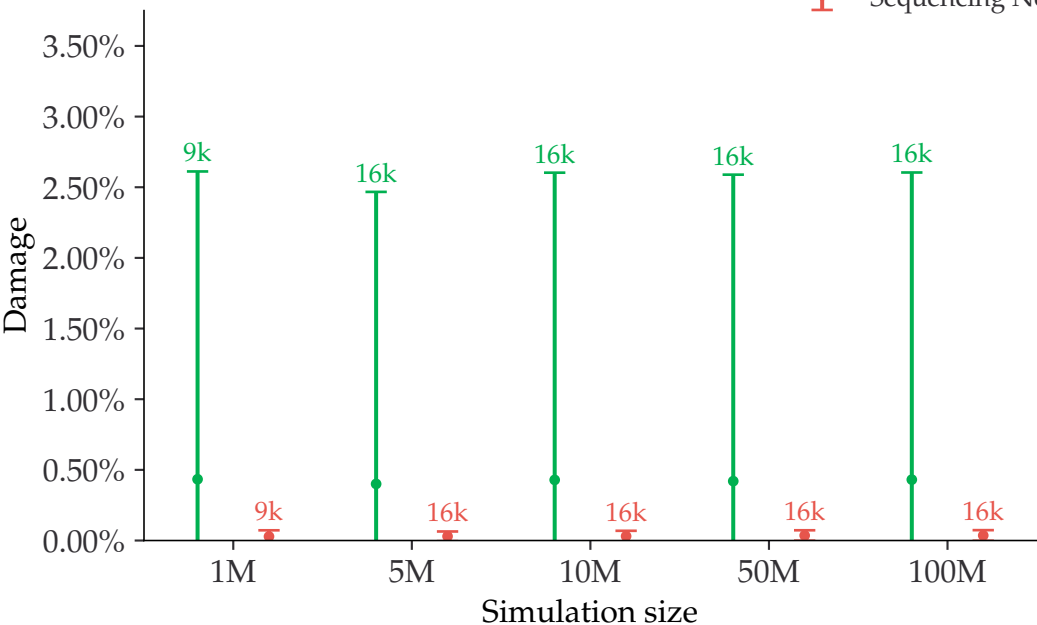


Cave-102

Tax ID: 116059, s__Pseudomonas_E azotoformans_A

Non-ancient

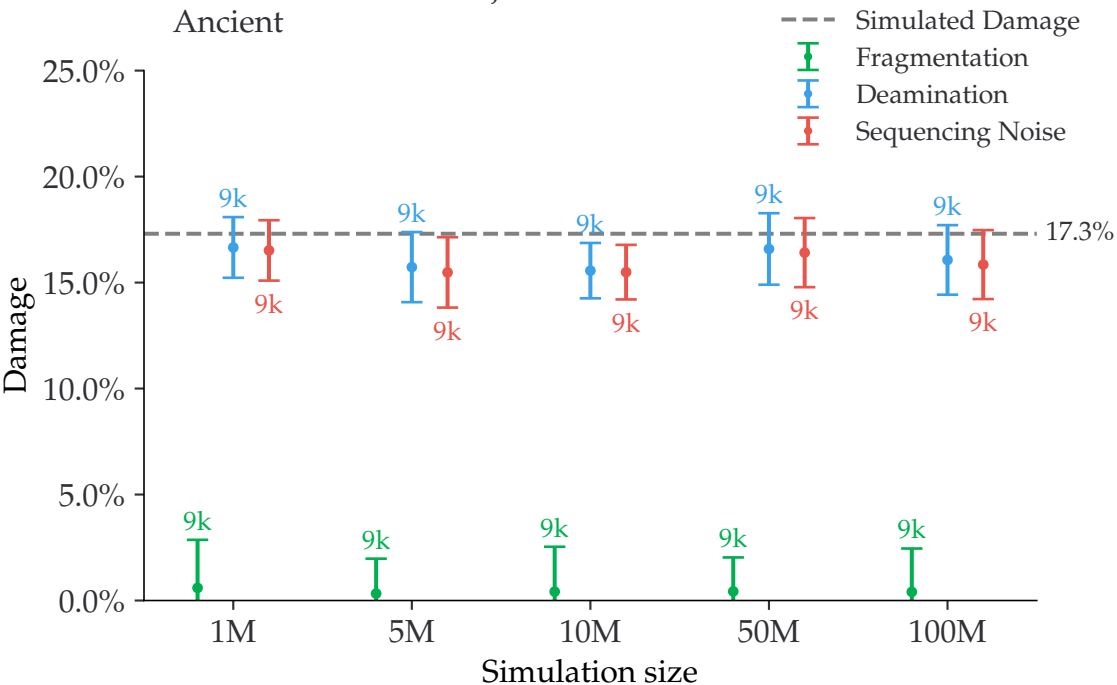
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 114952, s__Pauljensenia cardiffensis

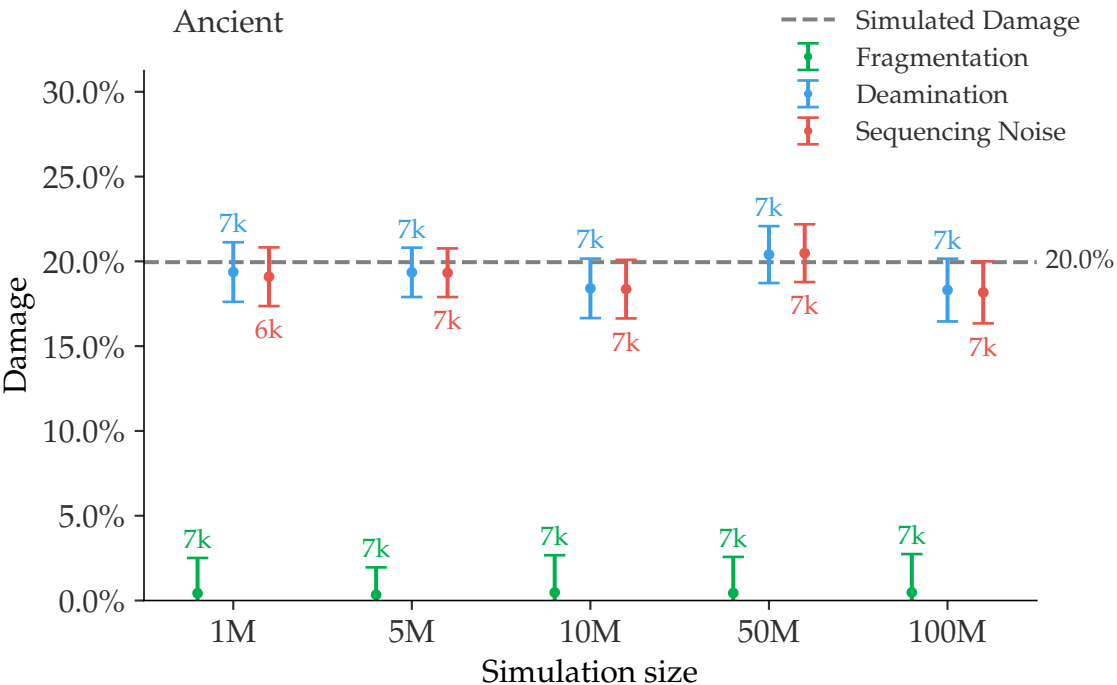
Ancient



Cave-102

Tax ID: 115917, s__Rothia aeria

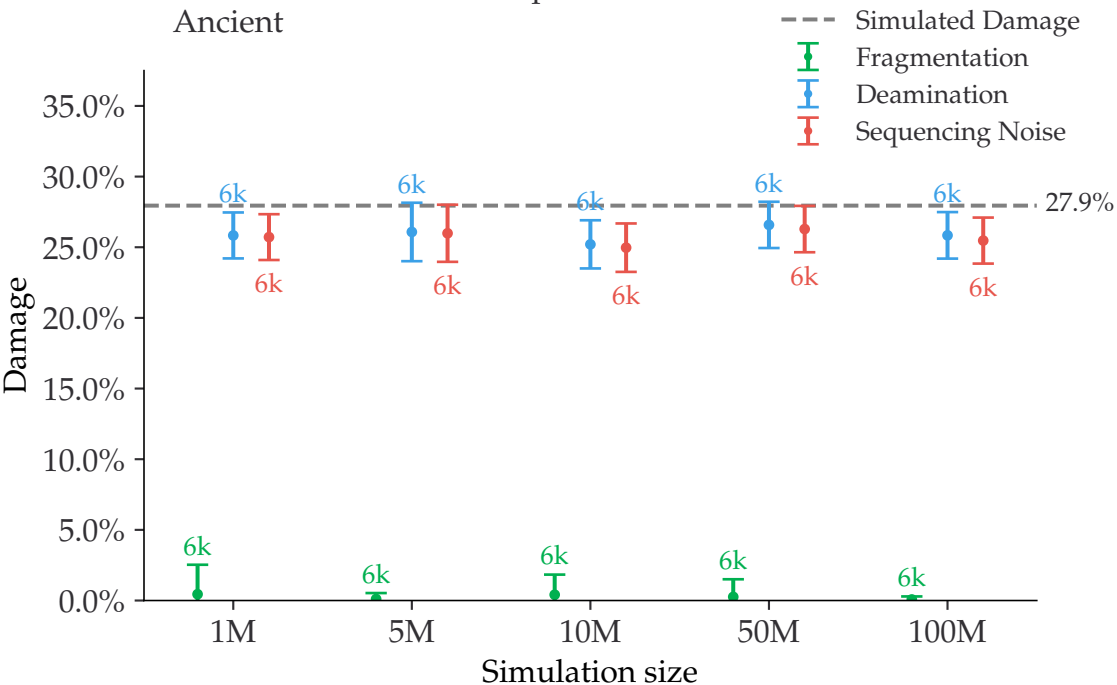
Ancient



Cave-102

Tax ID: 113487, s__F0058 sp000163695

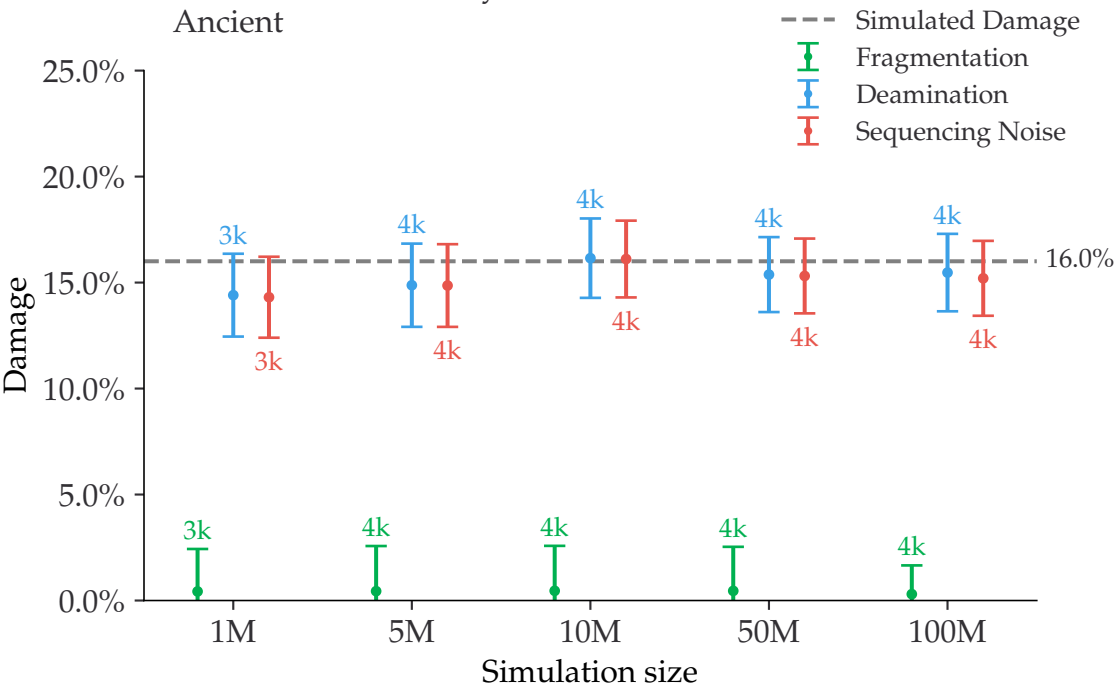
Ancient



Cave-102

Tax ID: 114691, s__Corynebacterium durum

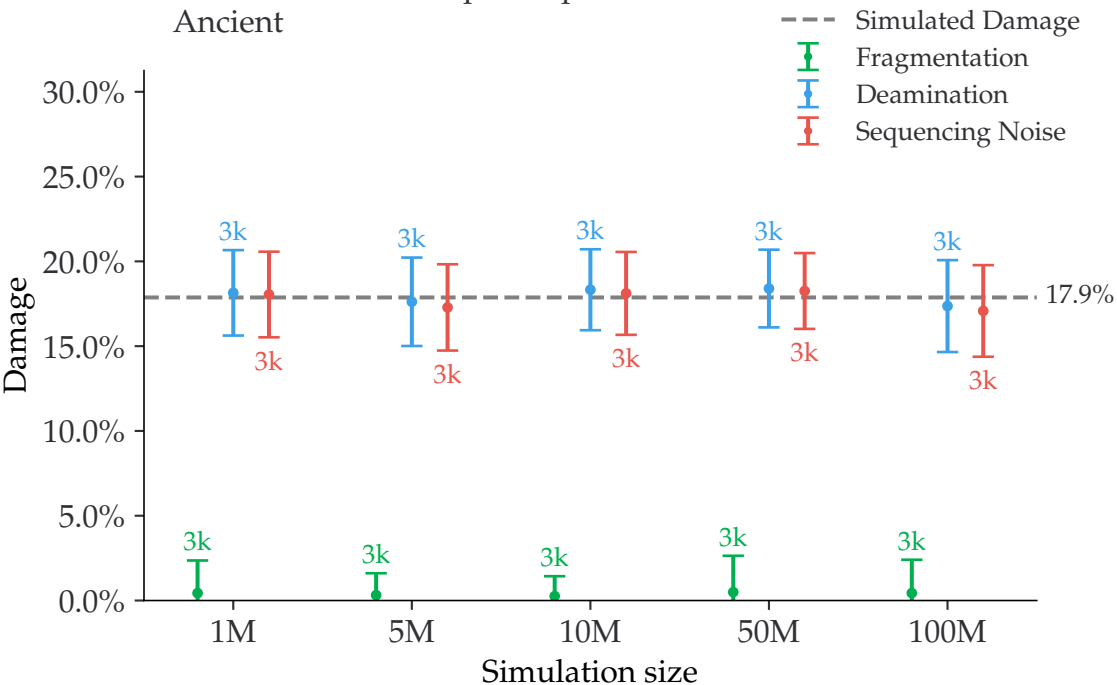
Ancient



Cave-102

Tax ID: 113315, s__Peptostreptococcus stomatis

Ancient

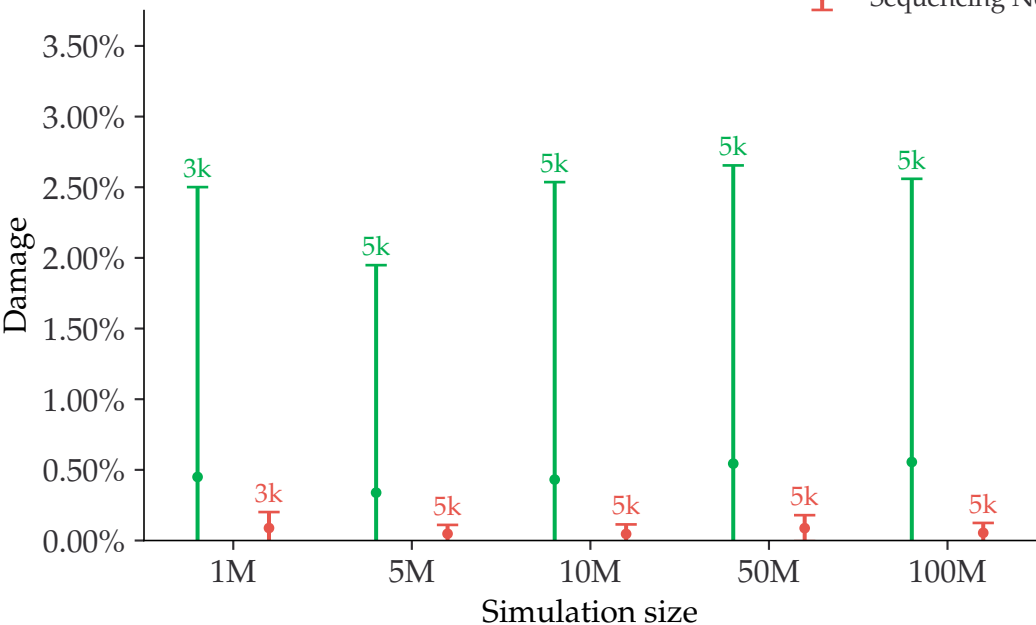


Cave-102

Tax ID: 122305, s_Janthinobacterium sp002878455

Non-ancient

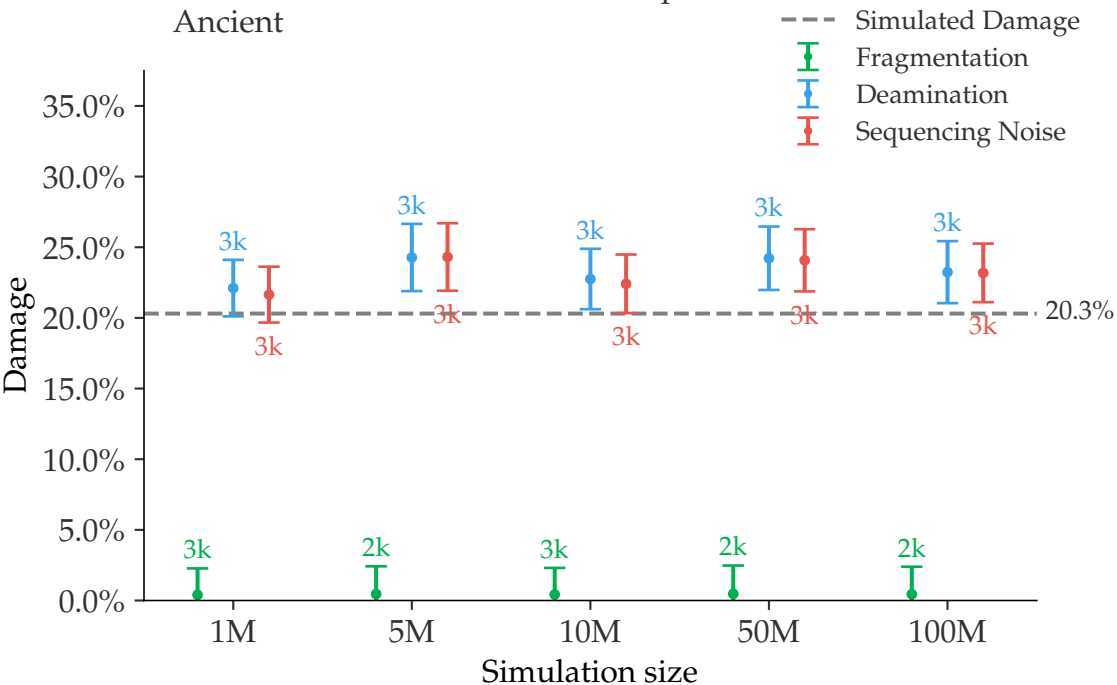
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 103738, s__Saccharimonas sp013333845

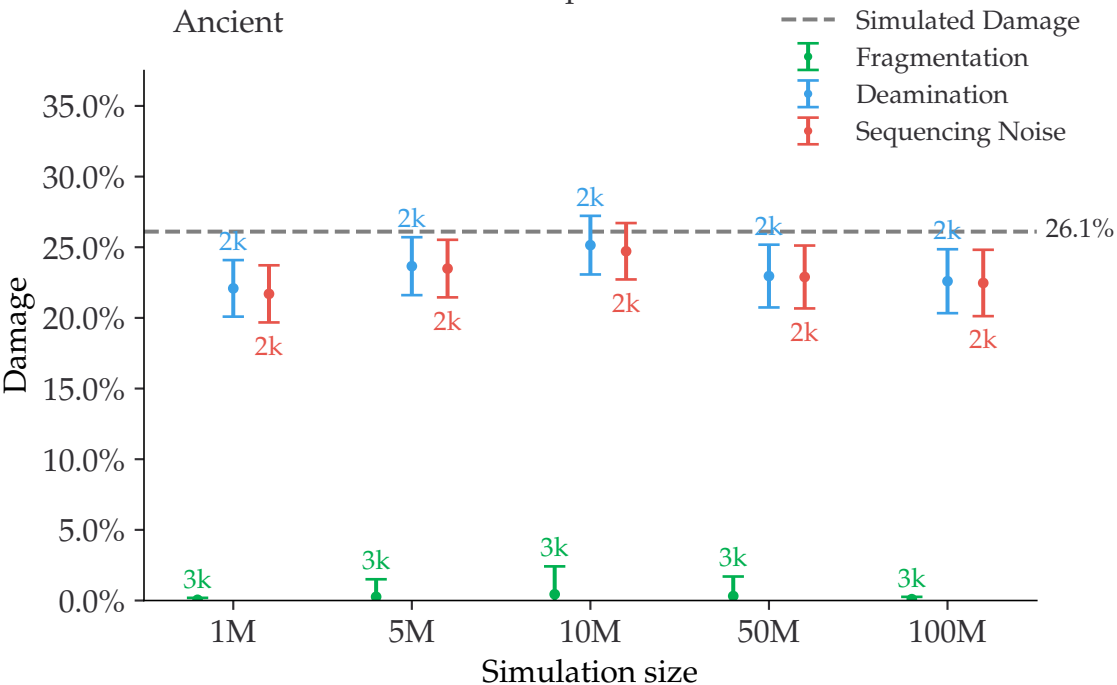
Ancient



Cave-102

Tax ID: 118244, s__Ottowia sp001262075

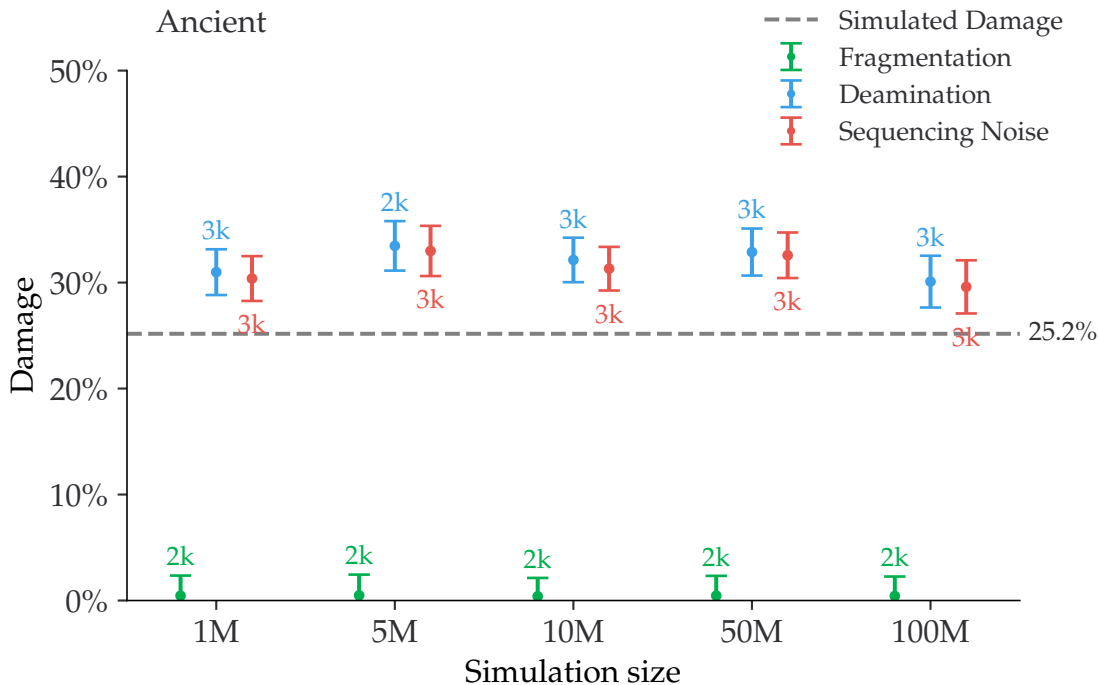
Ancient



Cave-102

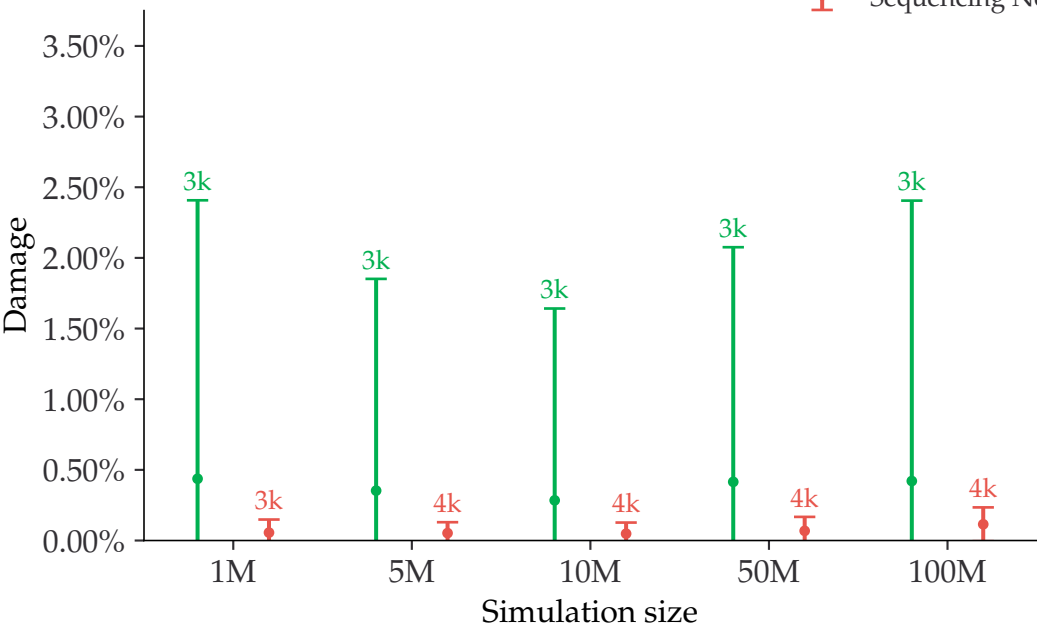
Tax ID: 120312, s__Neisseria sicca_A

Ancient



Tax ID: 127947, s__Pseudomonas_B oryzihabitans_D

Fragmentation
Sequencing Noise

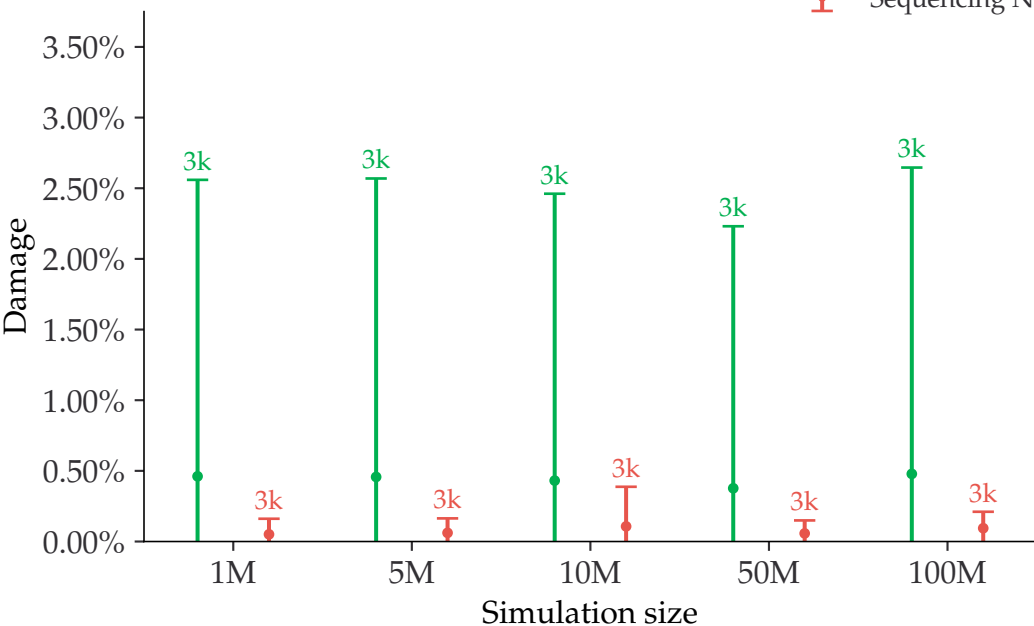


Cave-102

Tax ID: 79804, *s__Cutibacterium acnes*

Non-ancient

Fragmentation
Sequencing Noise

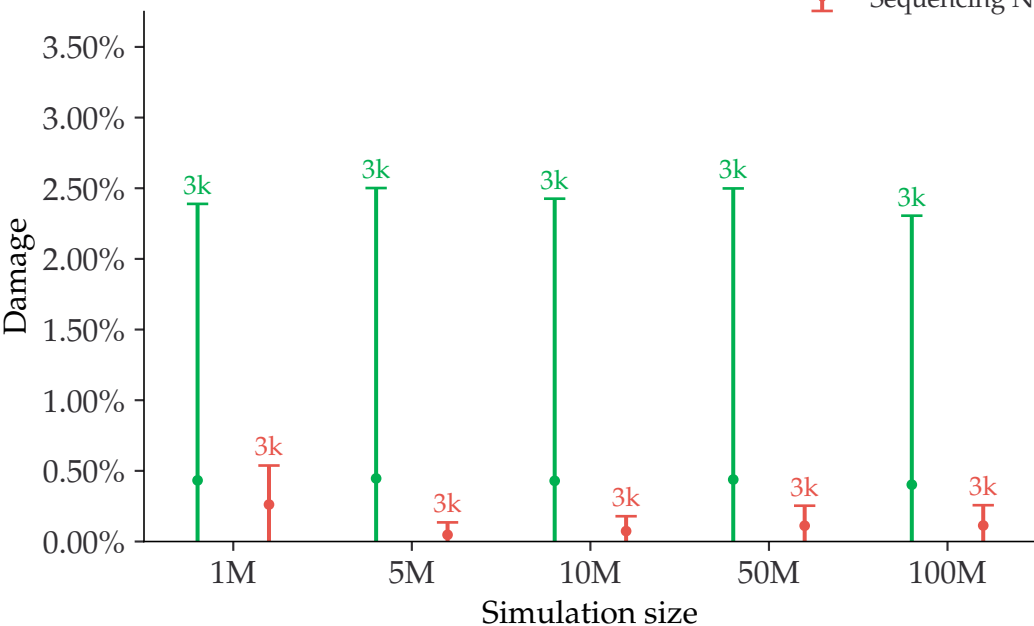


Cave-102

Tax ID: 116471, s__Pantoea agglomerans

Non-ancient

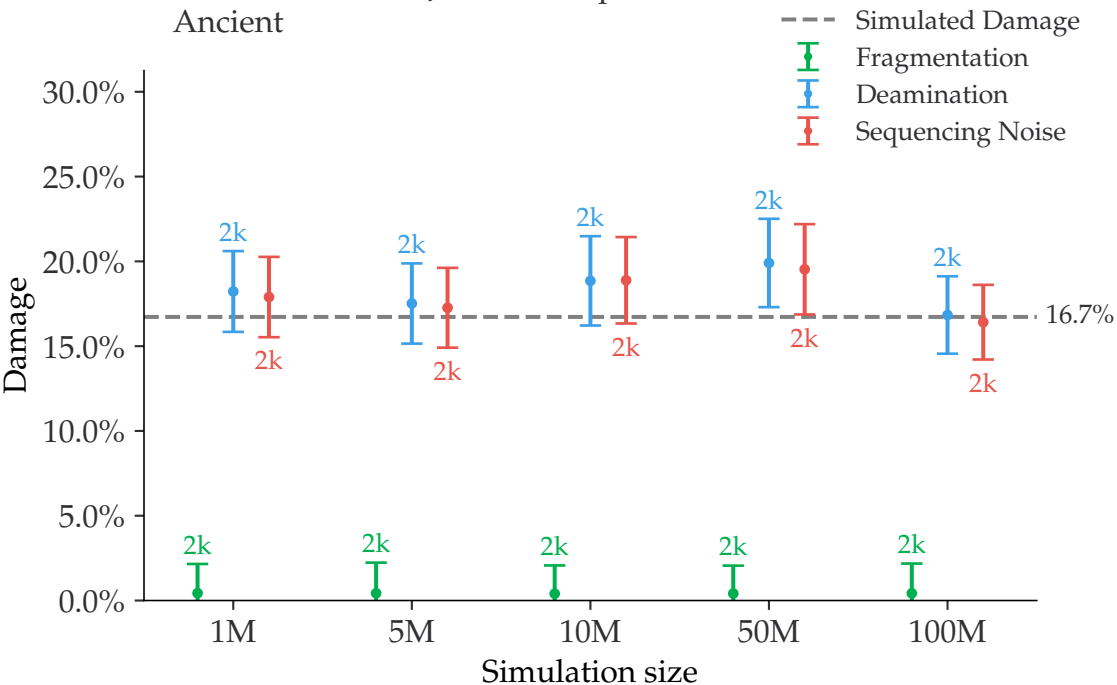
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 103739, s_JABCPE02 sp013333875

Ancient

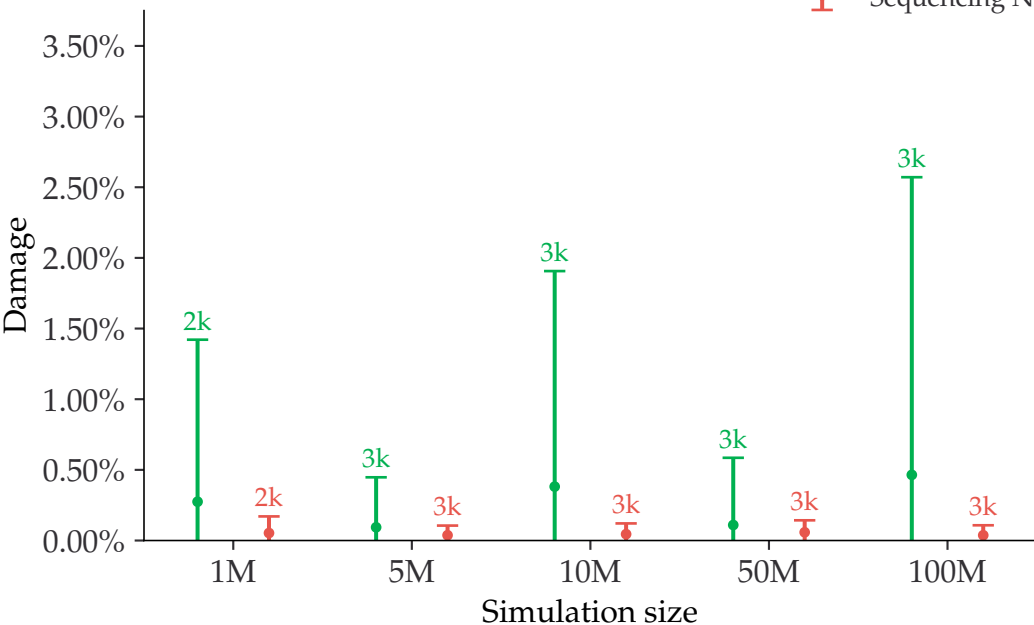


Cave-102

Tax ID: 129415, s__Comamonas sp013363755

Non-ancient

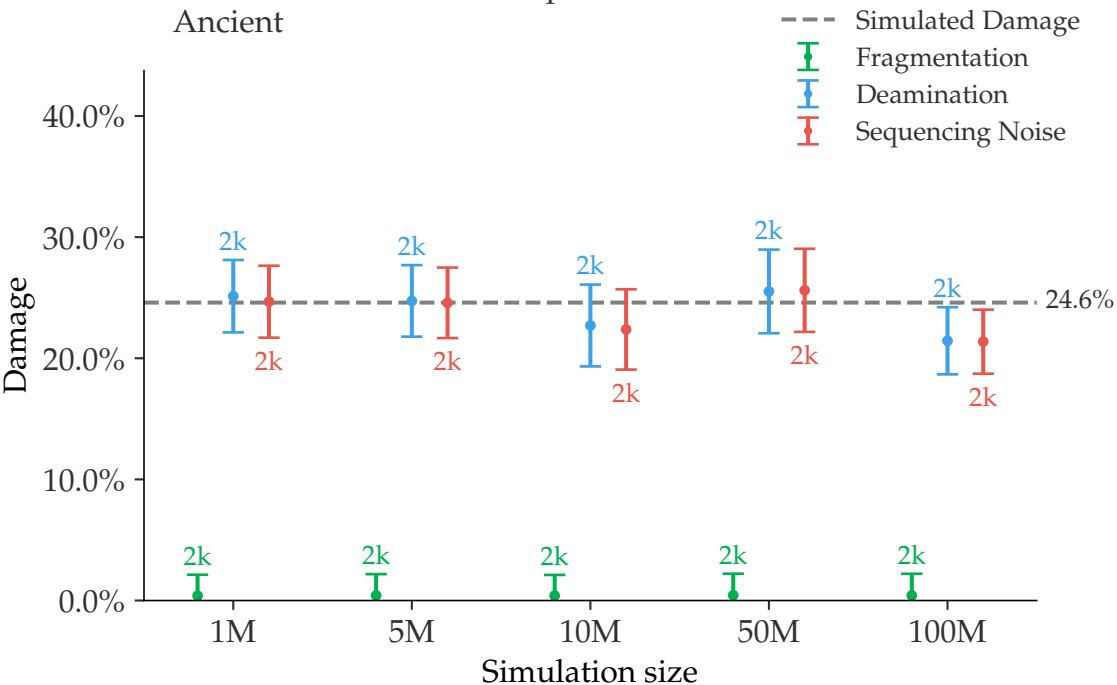
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 115828, s__W5053 sp000467935

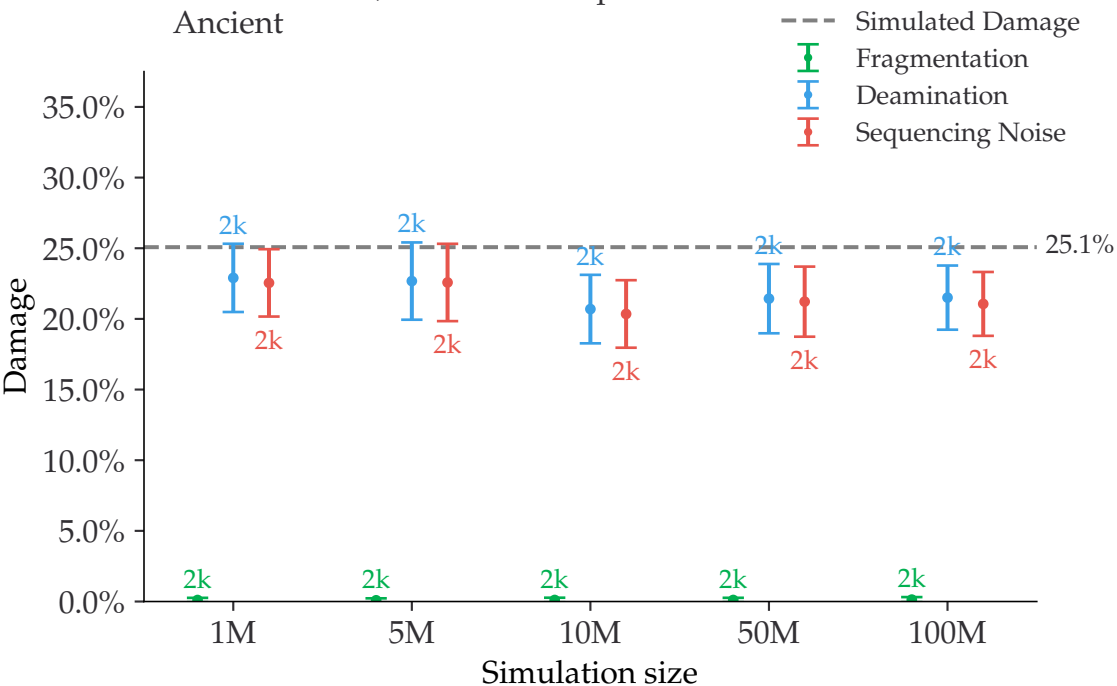
Ancient



Cave-102

Tax ID: 120169, s__Tannerella sp003033925

Ancient

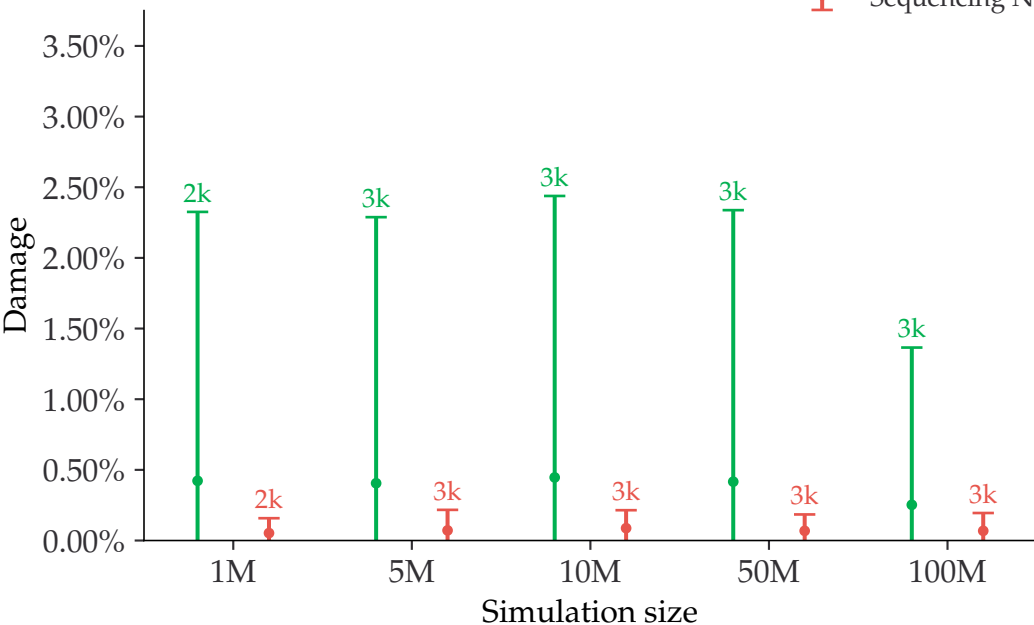


Cave-102

Tax ID: 120998, s__Rouxiiella badensis

Non-ancient

Fragmentation
Sequencing Noise

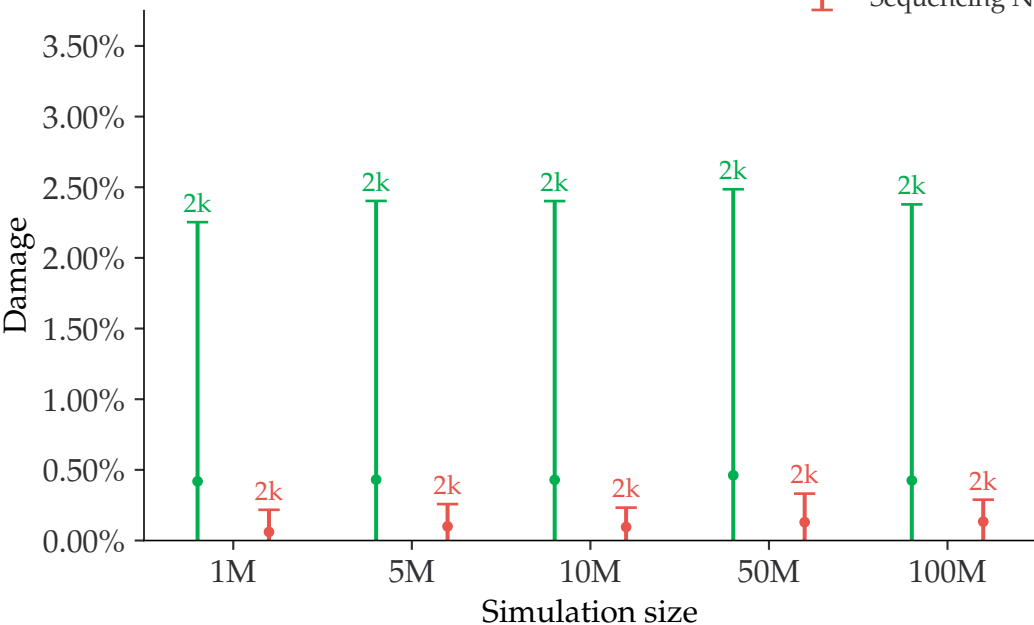


Cave-102

Tax ID: 122092, s__Lelliottia lapagei_A

Non-ancient

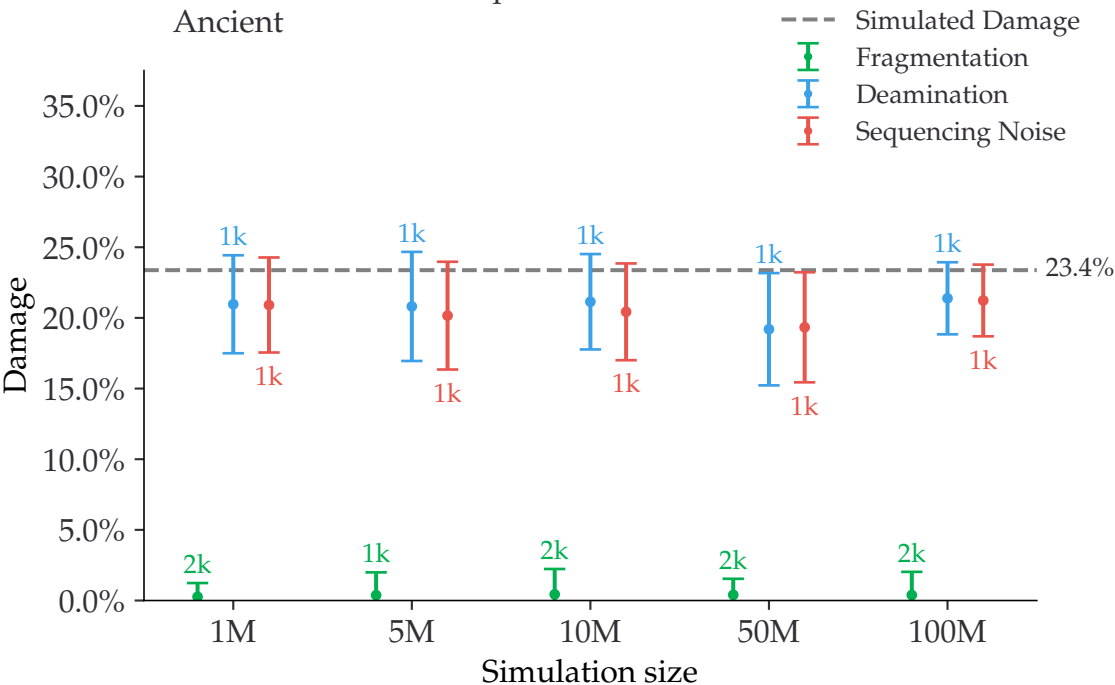
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 119876, s_H1 sp001653155

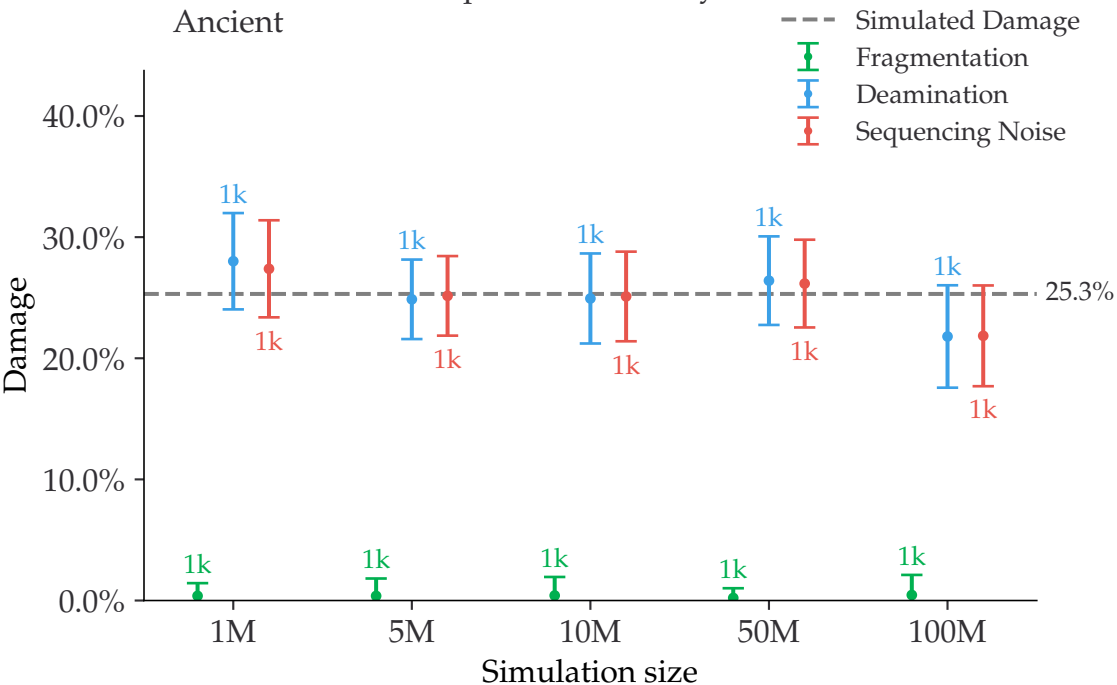
Ancient



Cave-102

Tax ID: 105583, s__Peptoanaerobacter yurii

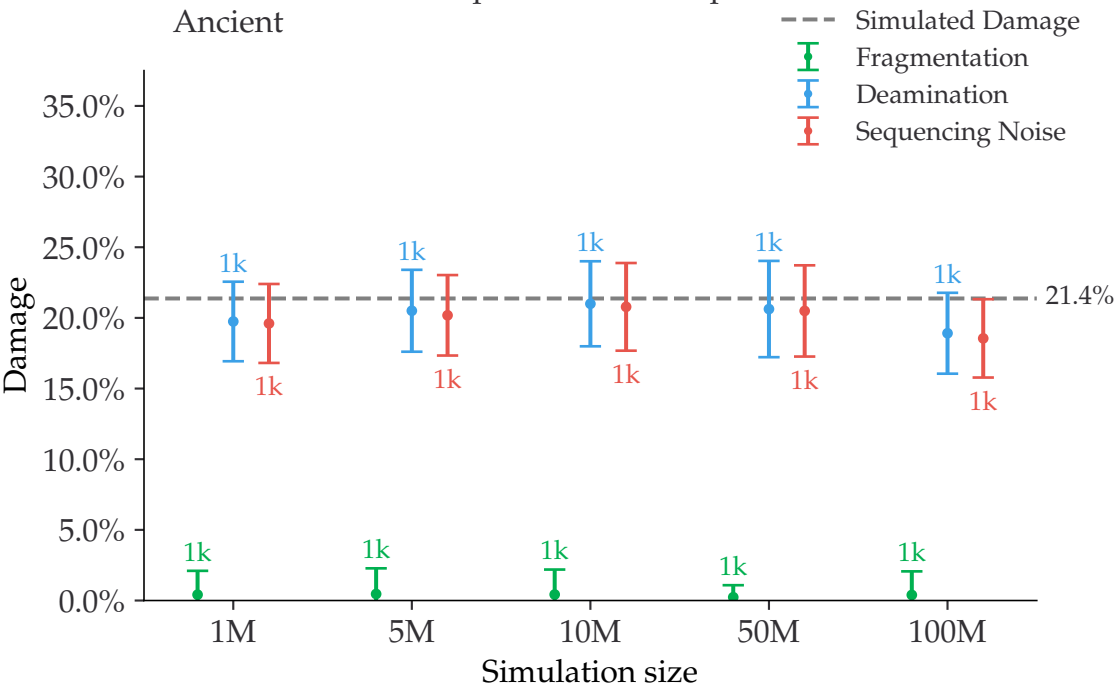
Ancient



Cave-102

Tax ID: 115361, s__Treponema_C maltophilum

Ancient

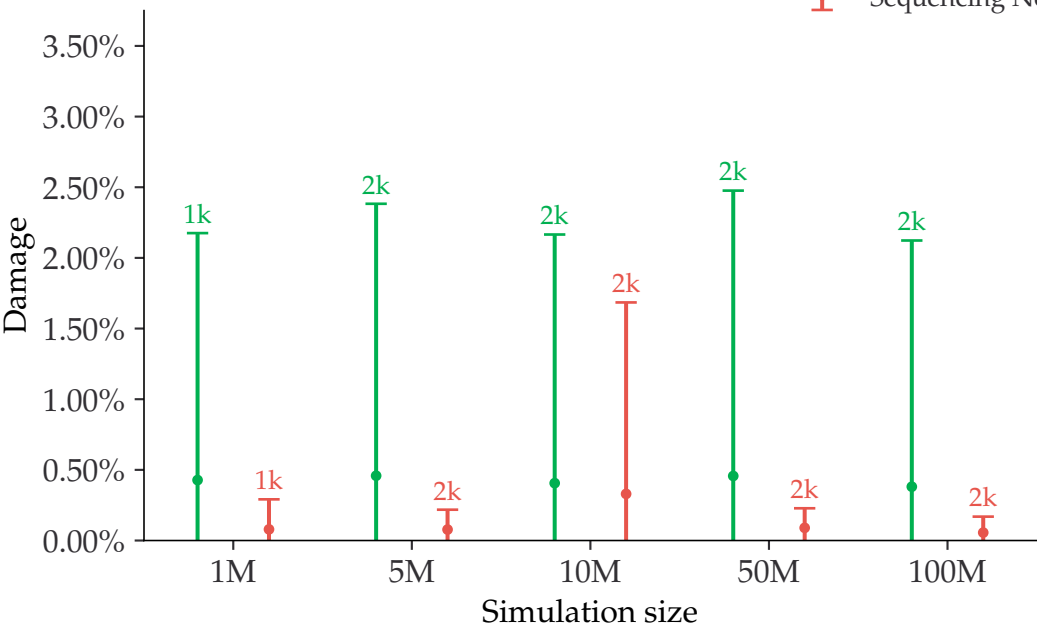


Cave-102

Tax ID: 131837, s_Klebsiella_A grimontii

Non-ancient

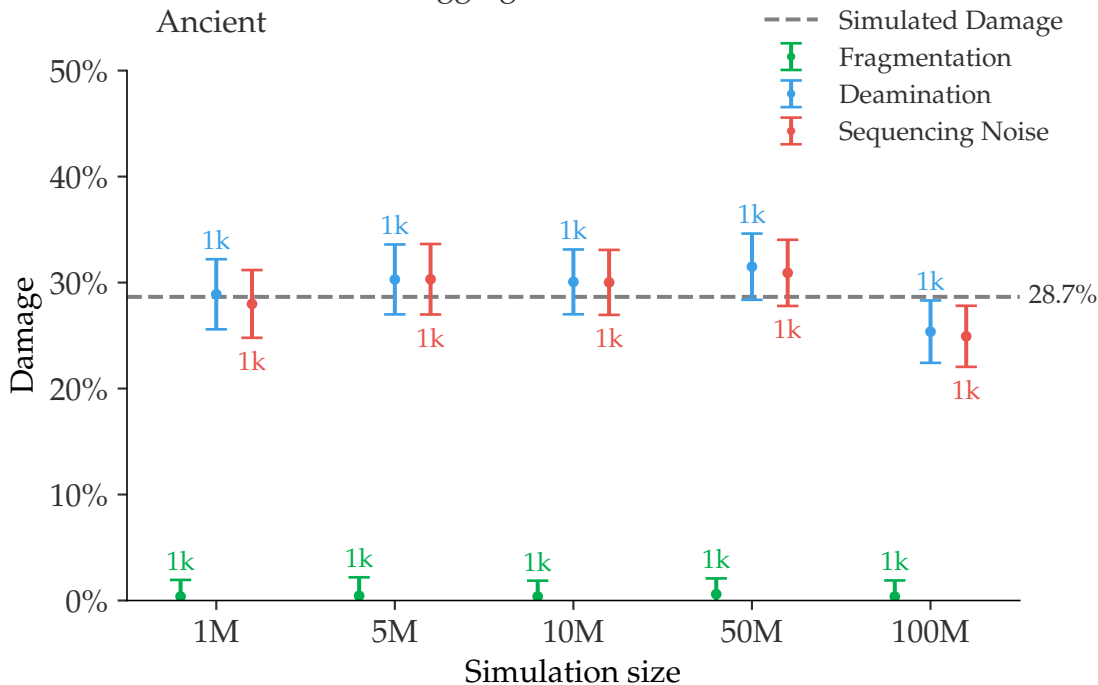
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 123124, s__Aggregatibacter kilianii

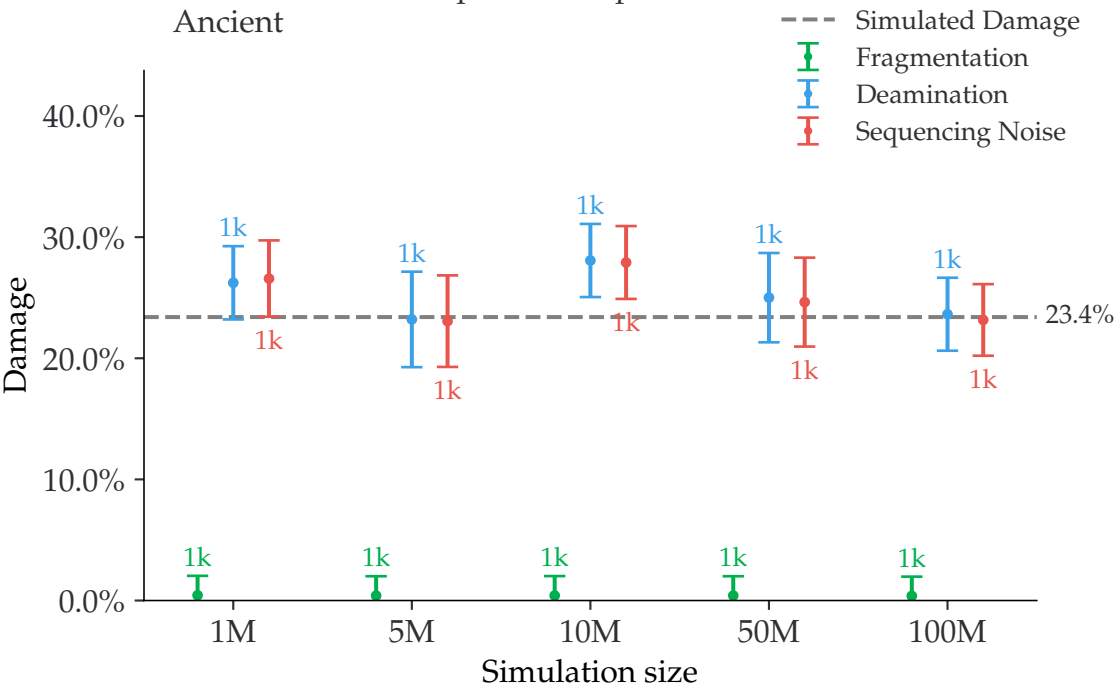
Ancient



Cave-102

Tax ID: 72057, s__Treponema_D paredis

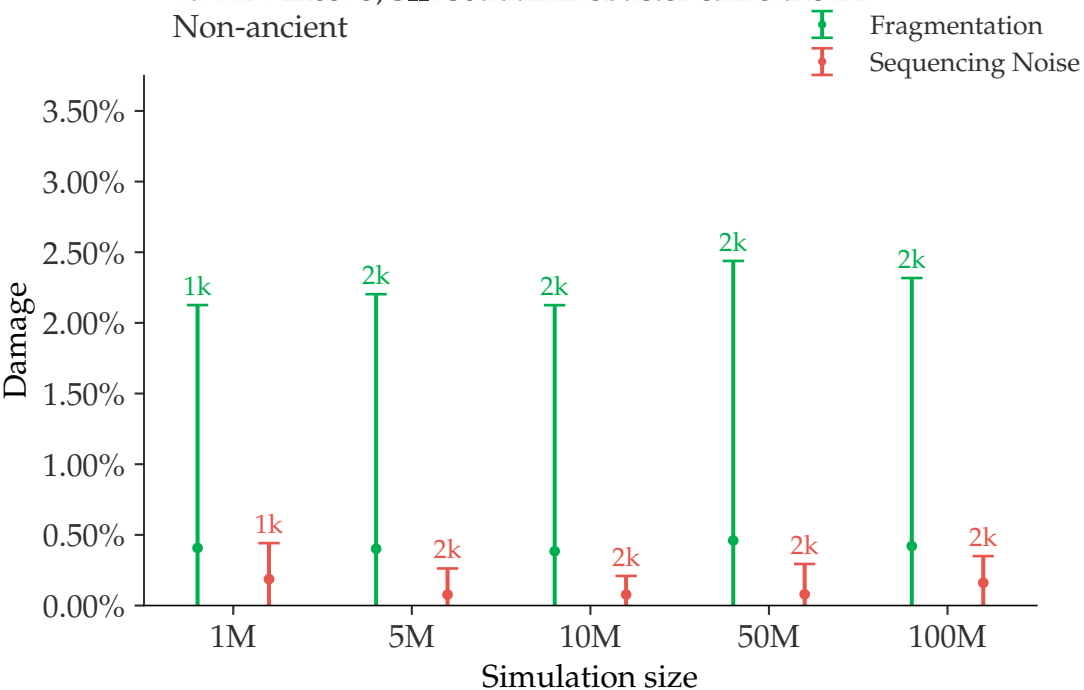
Ancient



Cave-102

Tax ID: 128573, s__Pseudaminobacter camelthorni

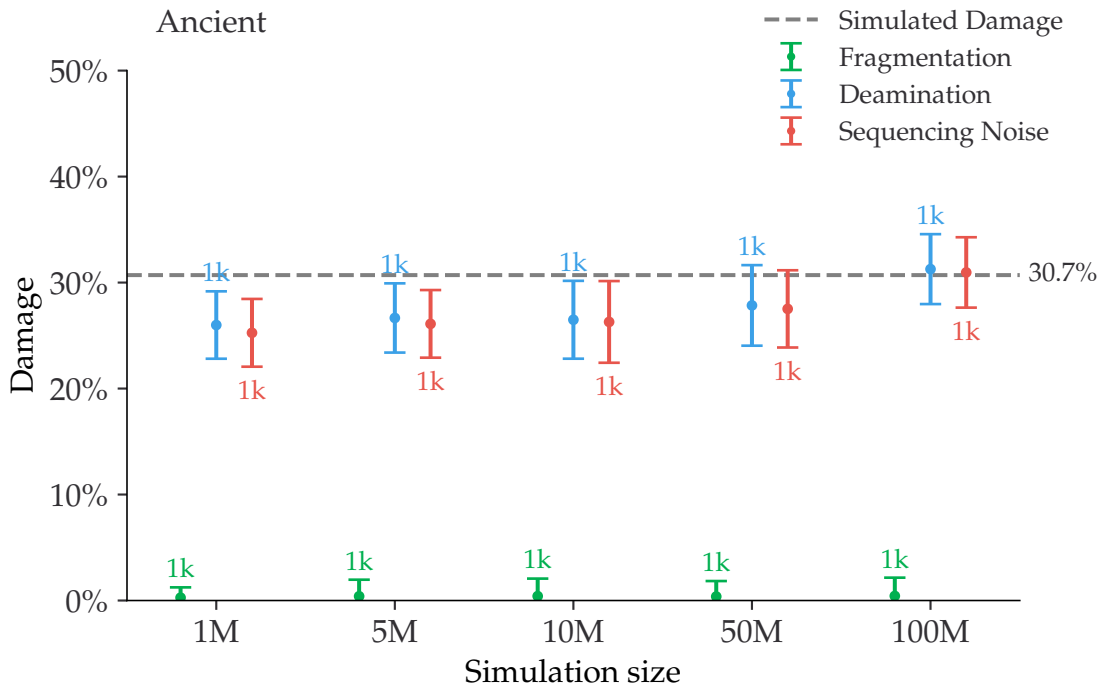
Non-ancient



Cave-102

Tax ID: 113485, s__Prevotella loescheii

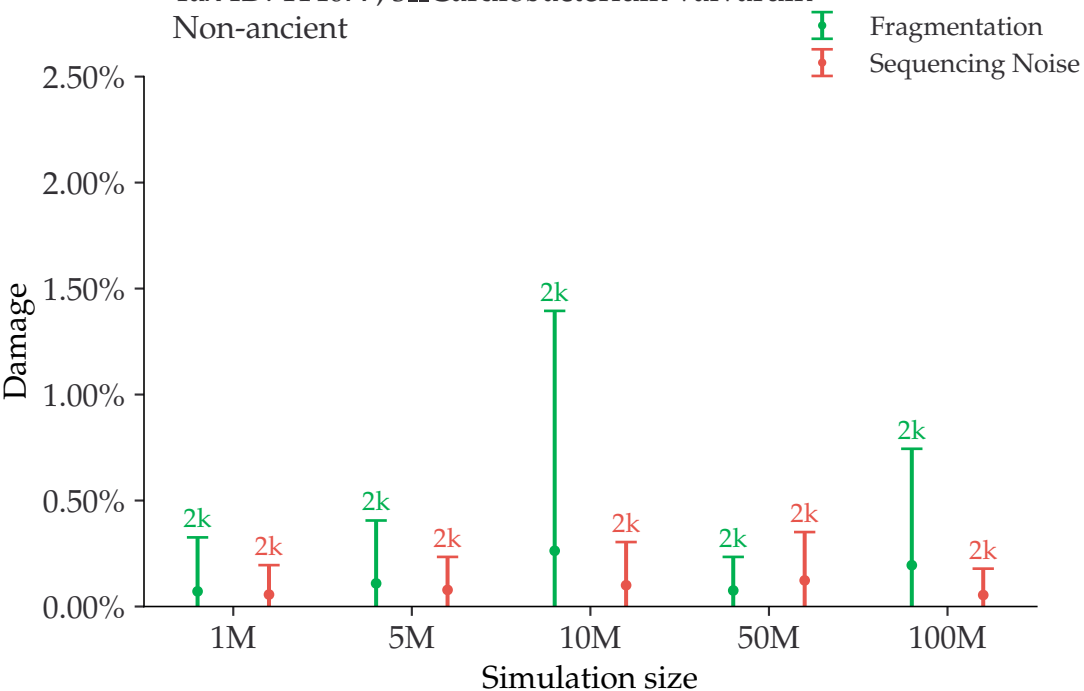
Ancient



Cave-102

Tax ID: 114077, s__*Cardiobacterium valvarum*

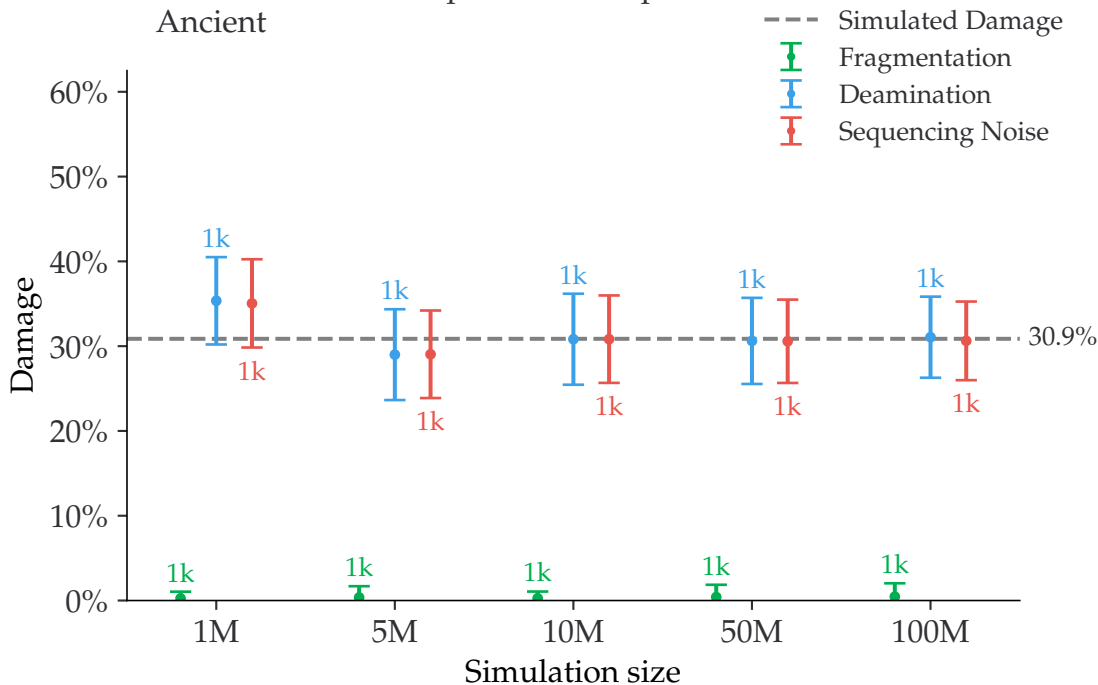
Non-ancient



Cave-102

Tax ID: 118296, s__Leptotrichia_A sp001274535

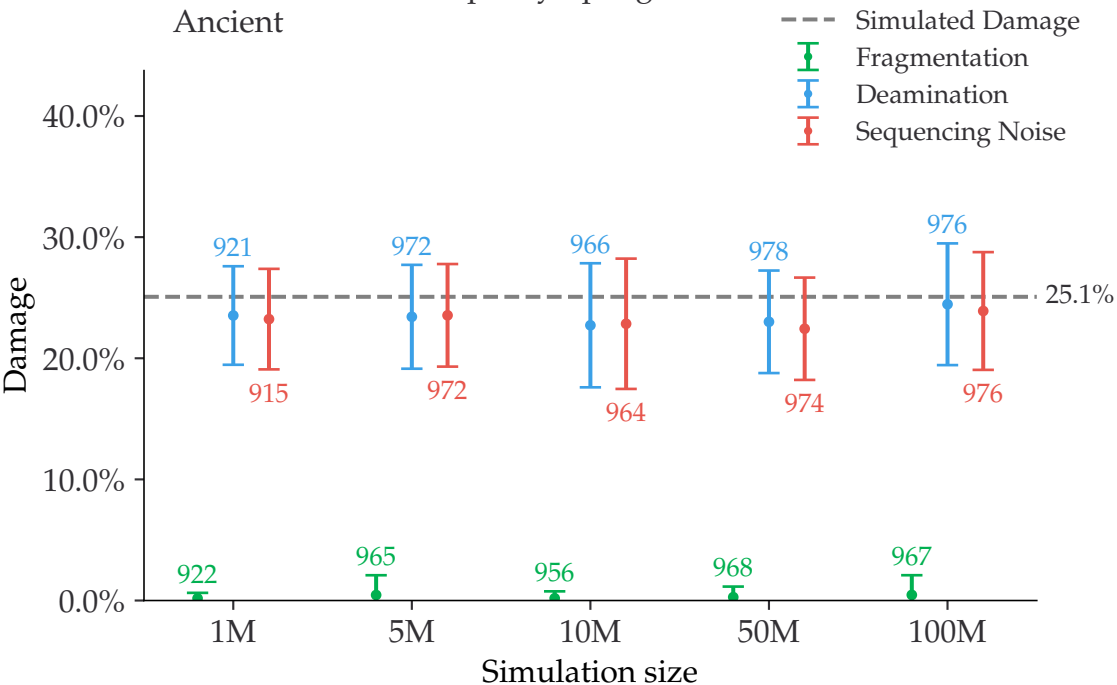
Ancient



Cave-102

Tax ID: 113128, s__Capnocytophaga ochracea

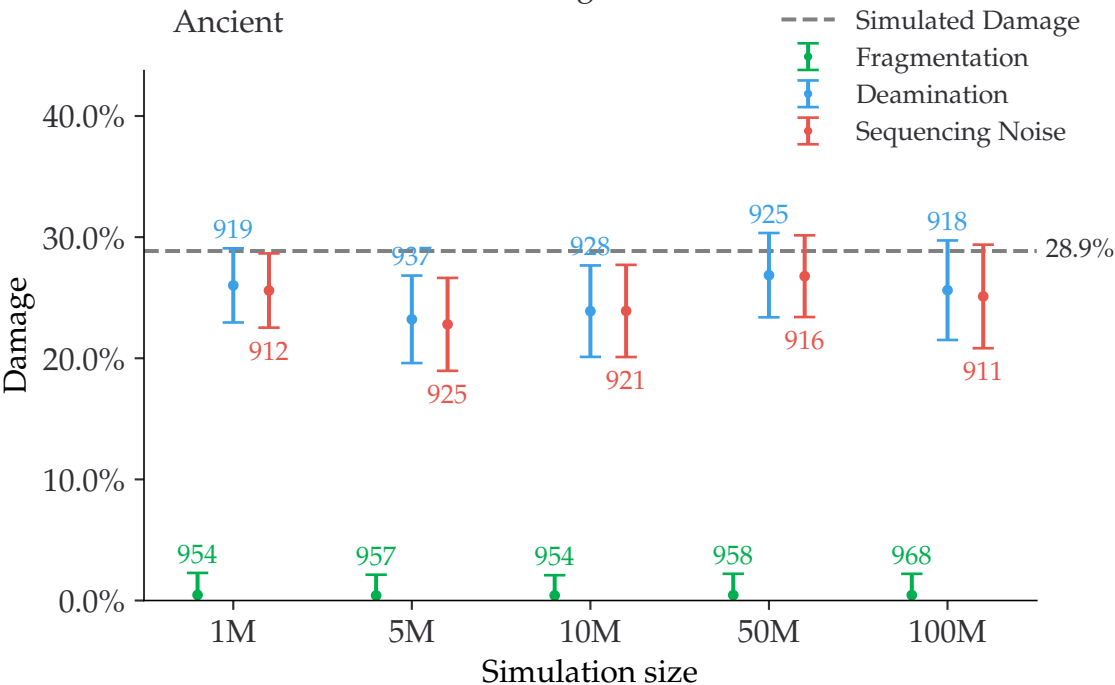
Ancient



Cave-102

Tax ID: 113481, s__*Slackia exigua*

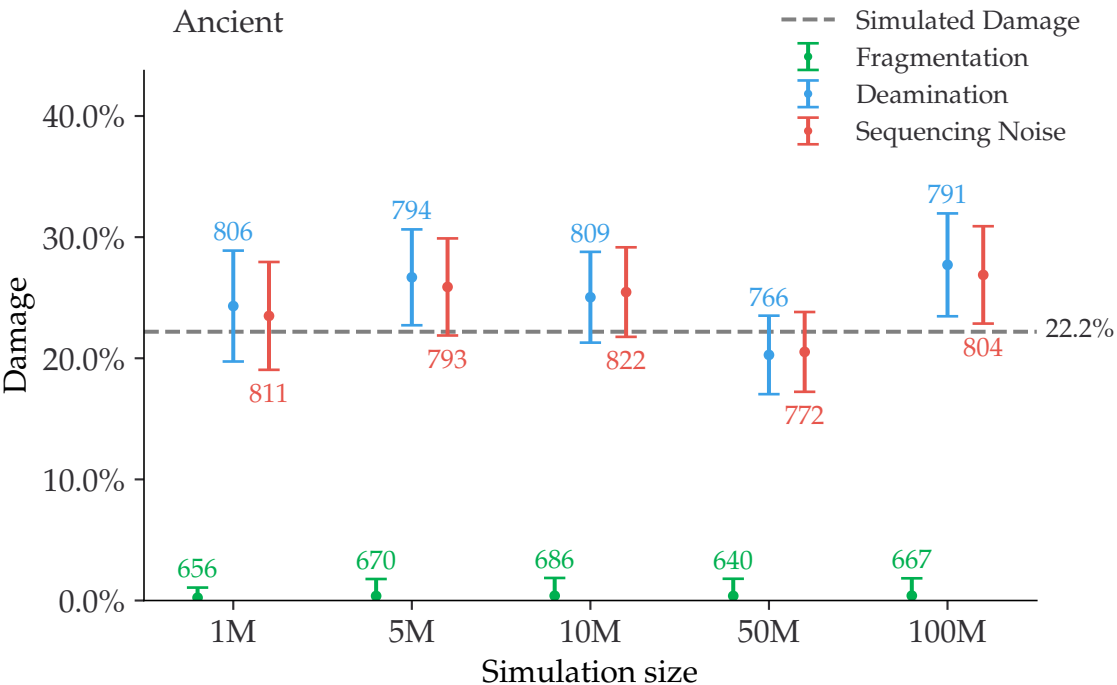
Ancient



Cave-102

Tax ID: 119831, s__Eikenella corrodens

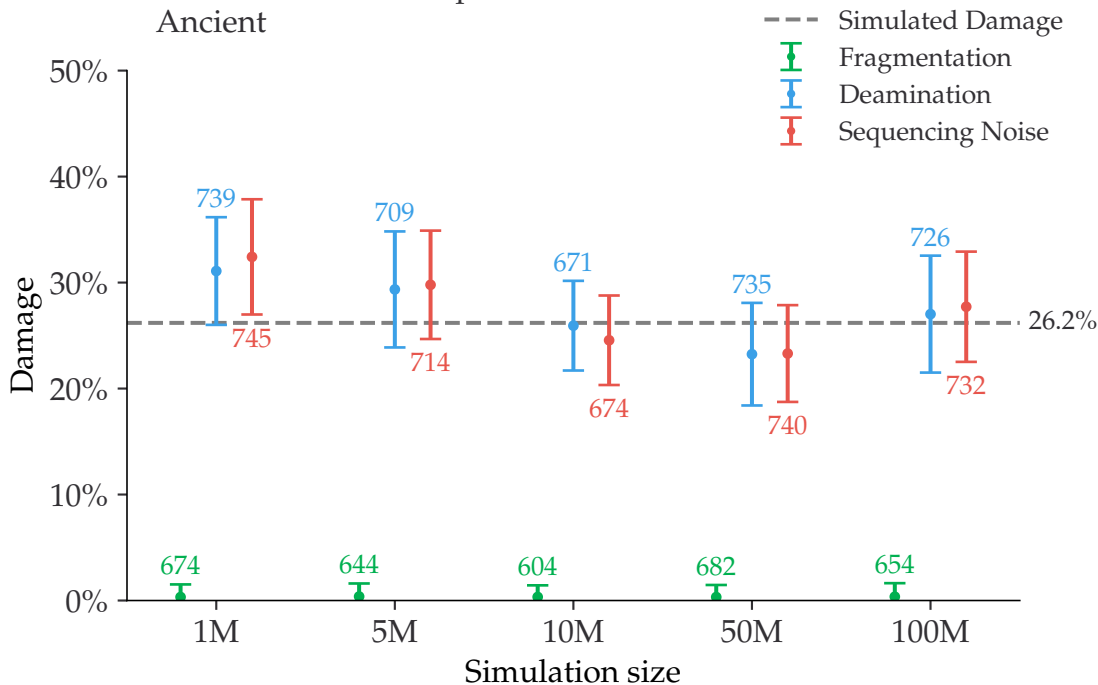
Ancient



Cave-102

Tax ID: 112825, s__Treponema_B denticola

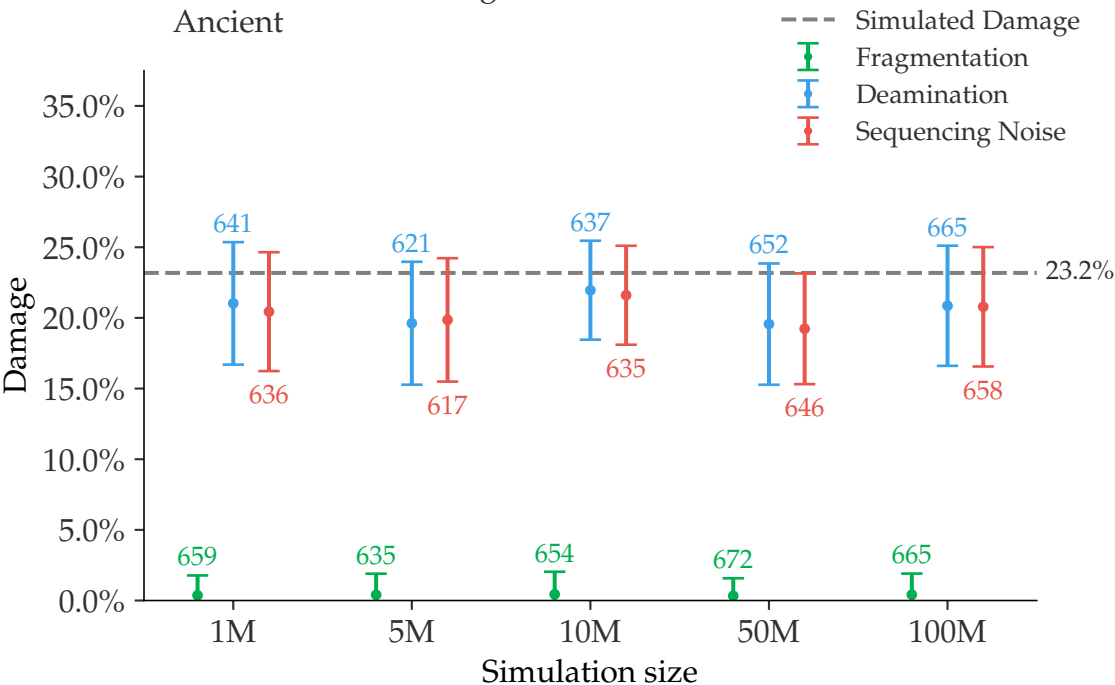
Ancient



Cave-102

Tax ID: 113738, s_Kingella_A denitrificans

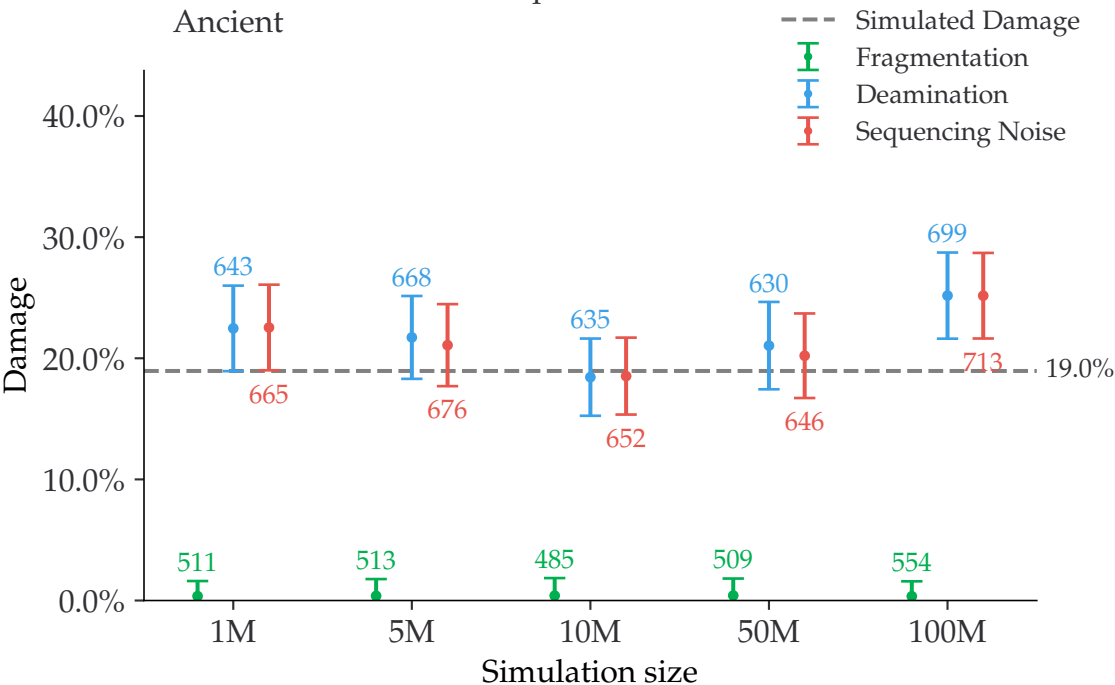
Ancient



Cave-102

Tax ID: 103732, s__TM7x sp013333695

Ancient

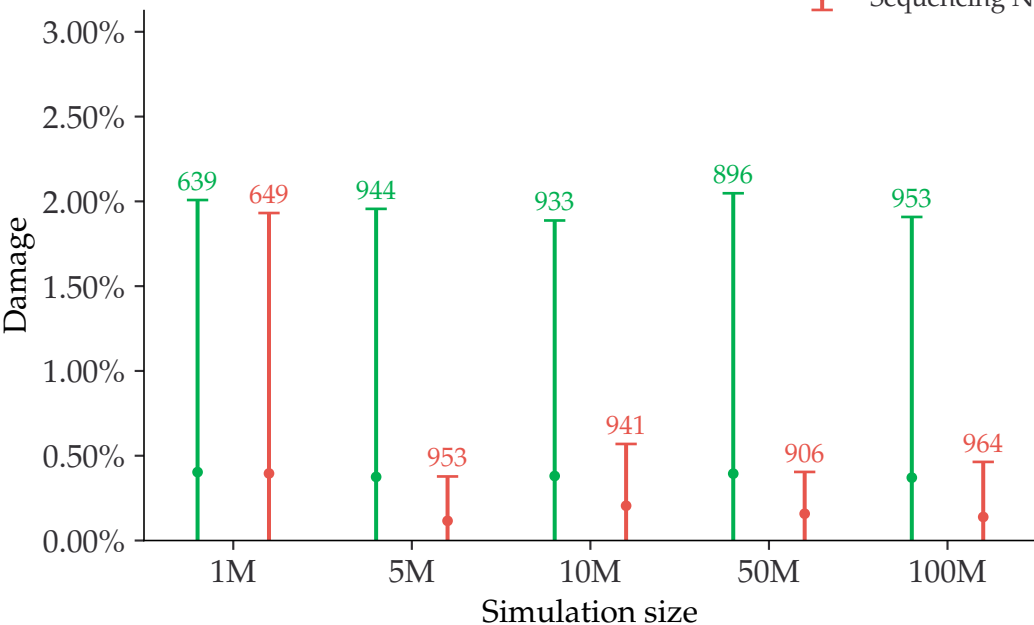


Cave-102

Tax ID: 128149, s__Duganella sp009857495

Non-ancient

Fragmentation
Sequencing Noise



Cave-102

Tax ID: 123799, s__Epilithonimonas hispanica

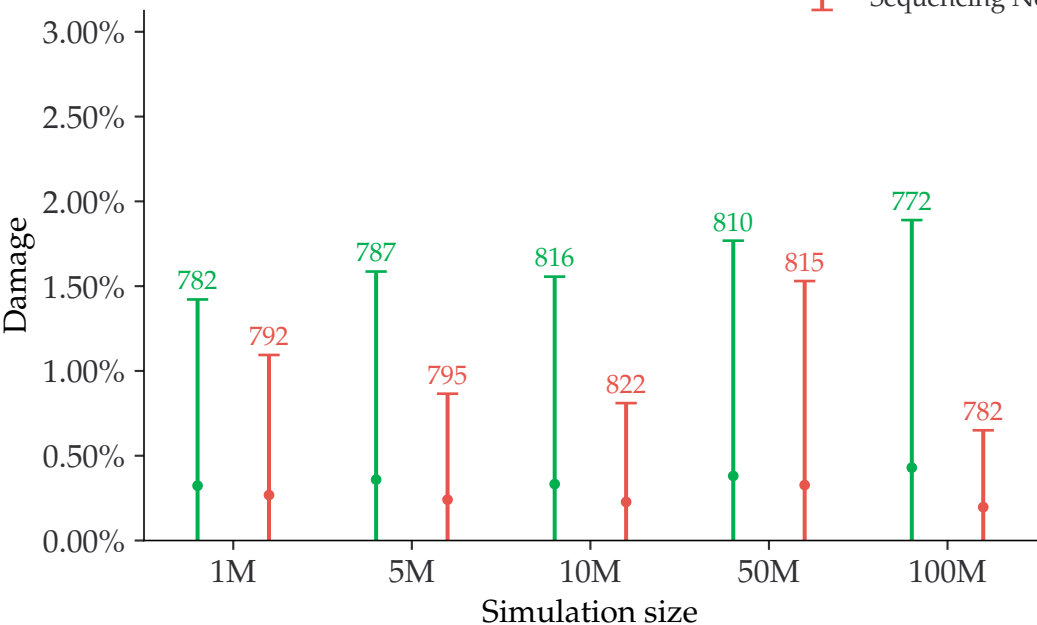
Non-ancient



Fragmentation



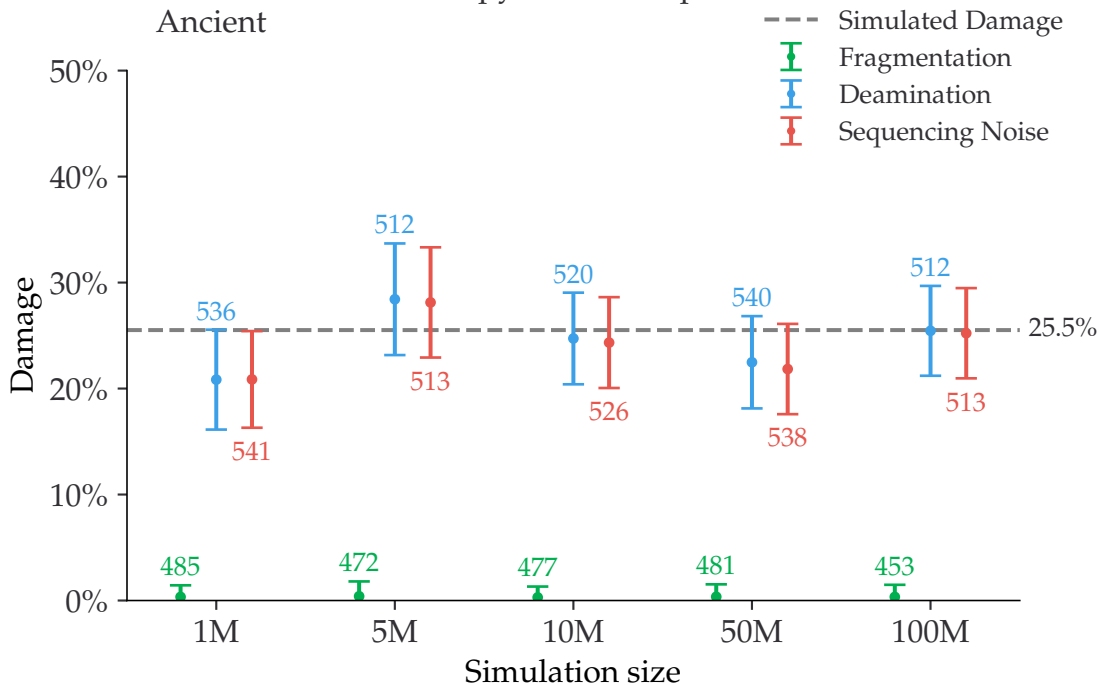
Sequencing Noise



Cave-102

Tax ID: 106229, s__Campylobacter_B sp900539505

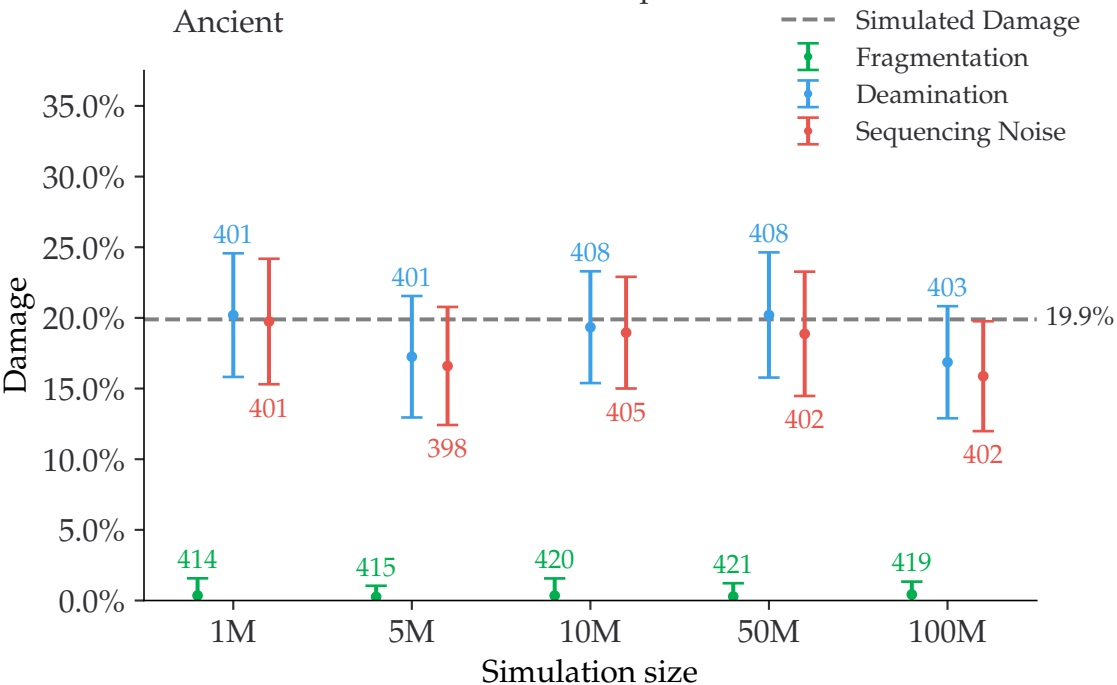
Ancient



Cave-102

Tax ID: 113453, s__Oribacterium sp000160135

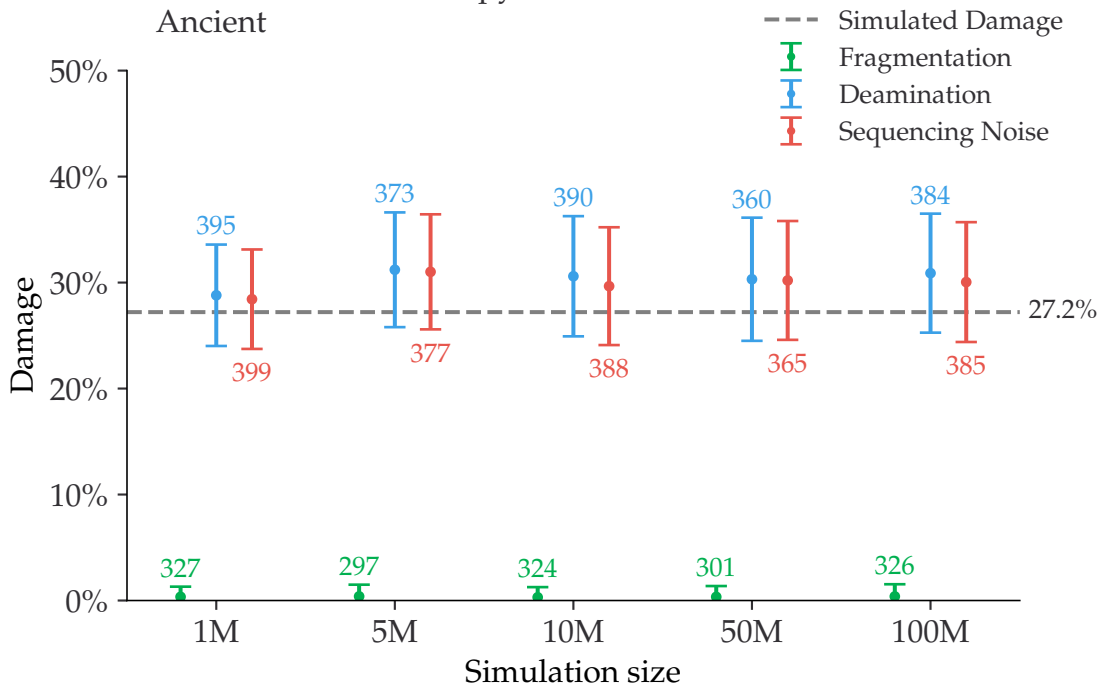
Ancient



Cave-102

Tax ID: 114887, s__Campylobacter_A showae_B

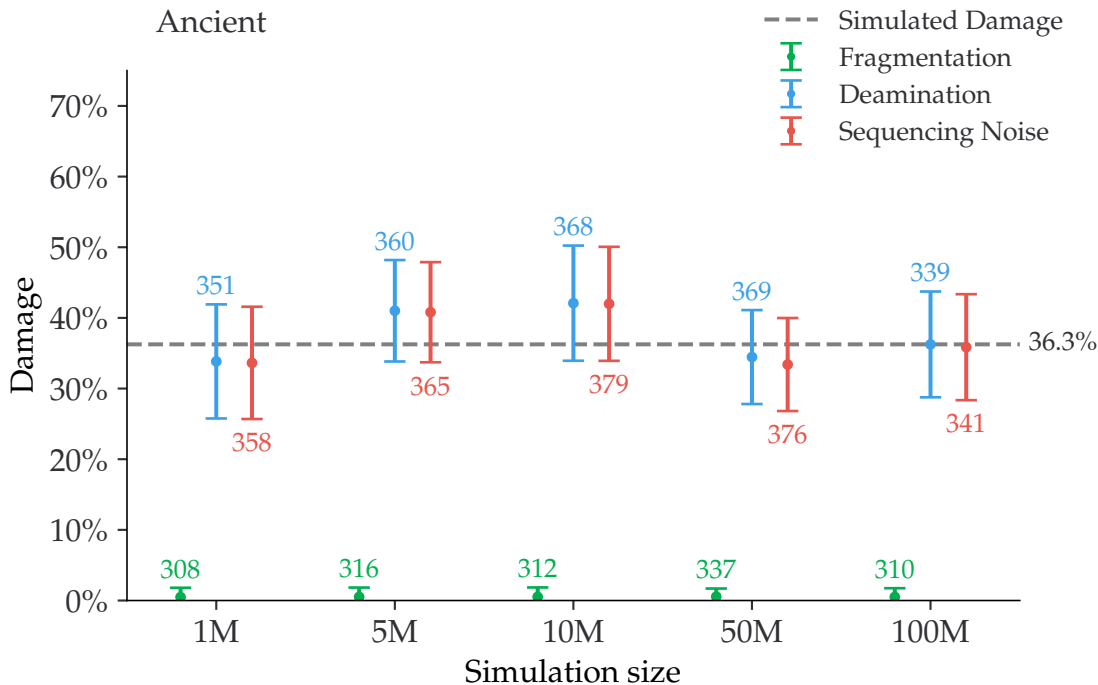
Ancient



Cave-102

Tax ID: 114442, s__Fusobacterium hwasookii

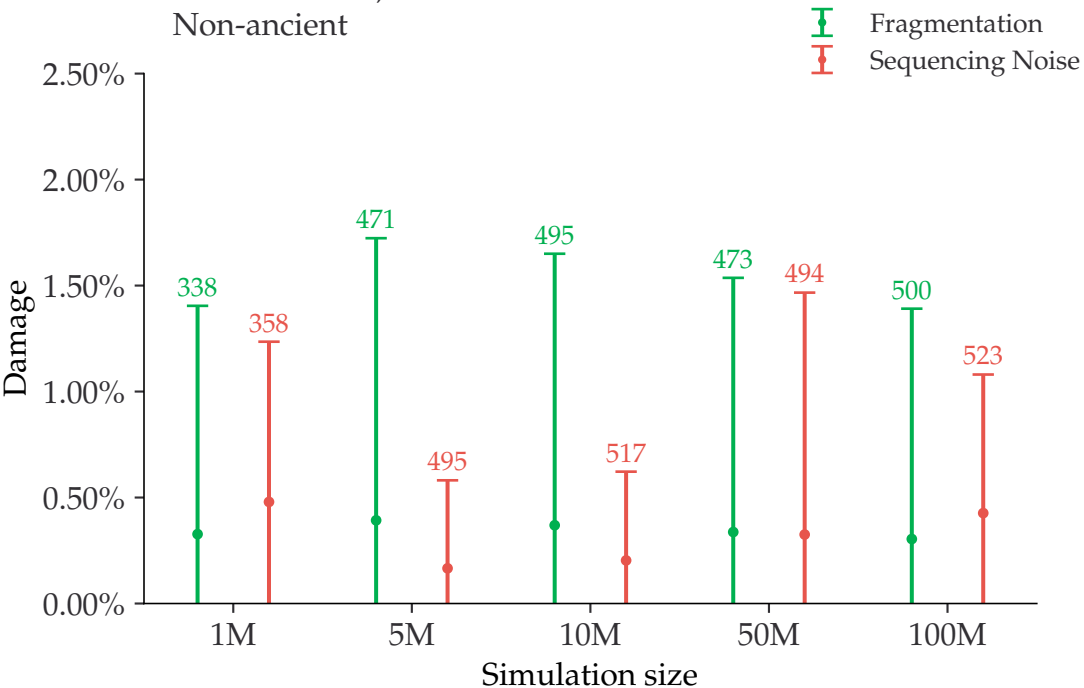
Ancient



Cave-102

Tax ID: 120211, s__Enterobacter hormaechei_A

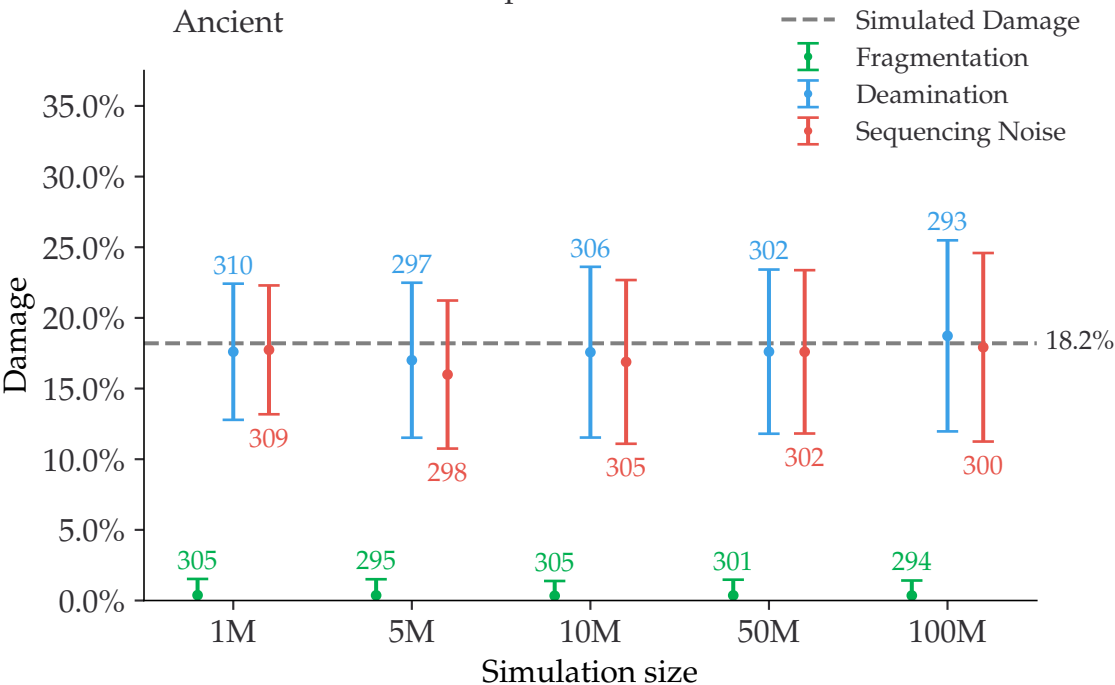
Non-ancient



Cave-102

Tax ID: 113459, s__Centipeda noxia

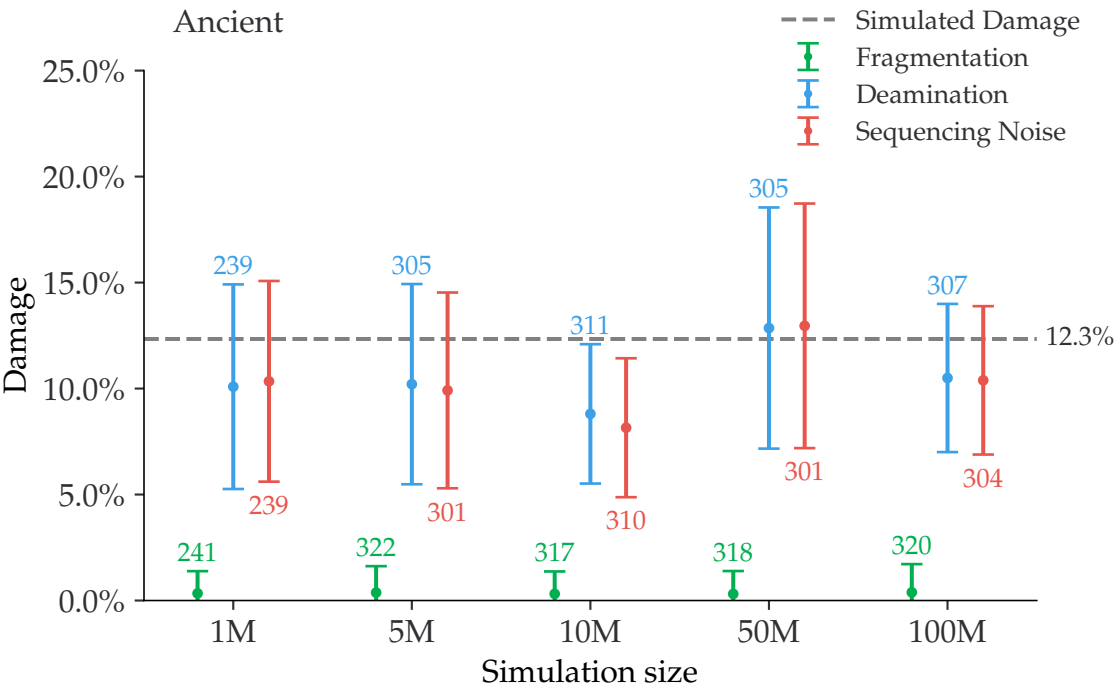
Ancient



Cave-102

Tax ID: 116152, s__Desulfocurvus vexinensis

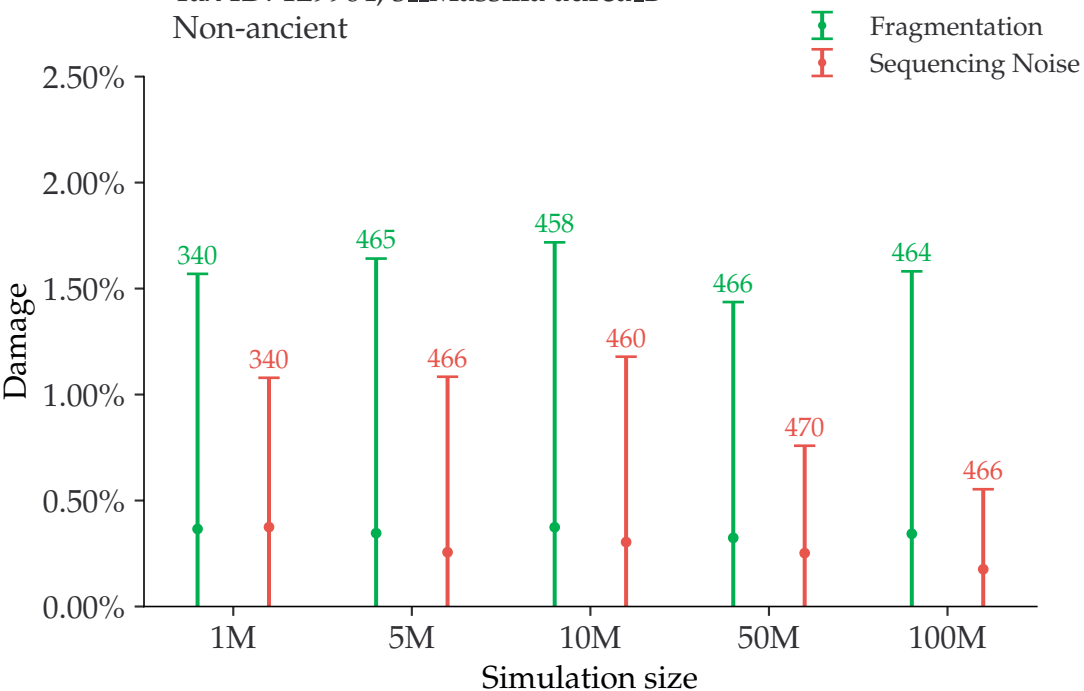
Ancient



Cave-102

Tax ID: 129964, s__Massilia aurea_B

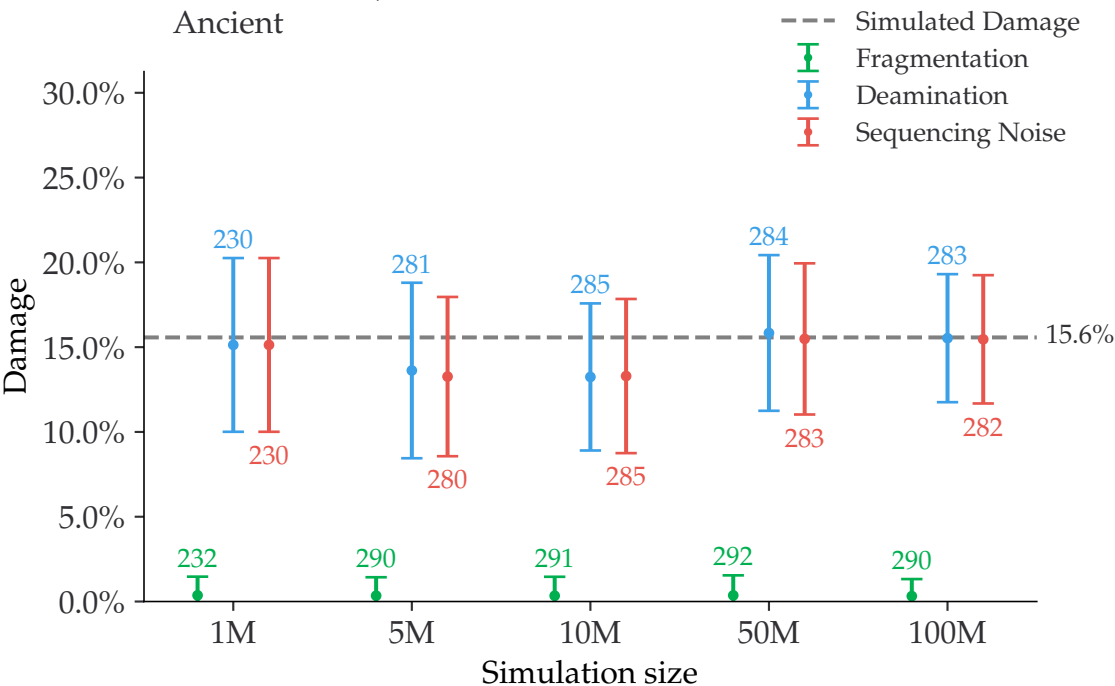
Non-ancient



Cave-102

Tax ID: 113287, s__Desulfarculus baarsii

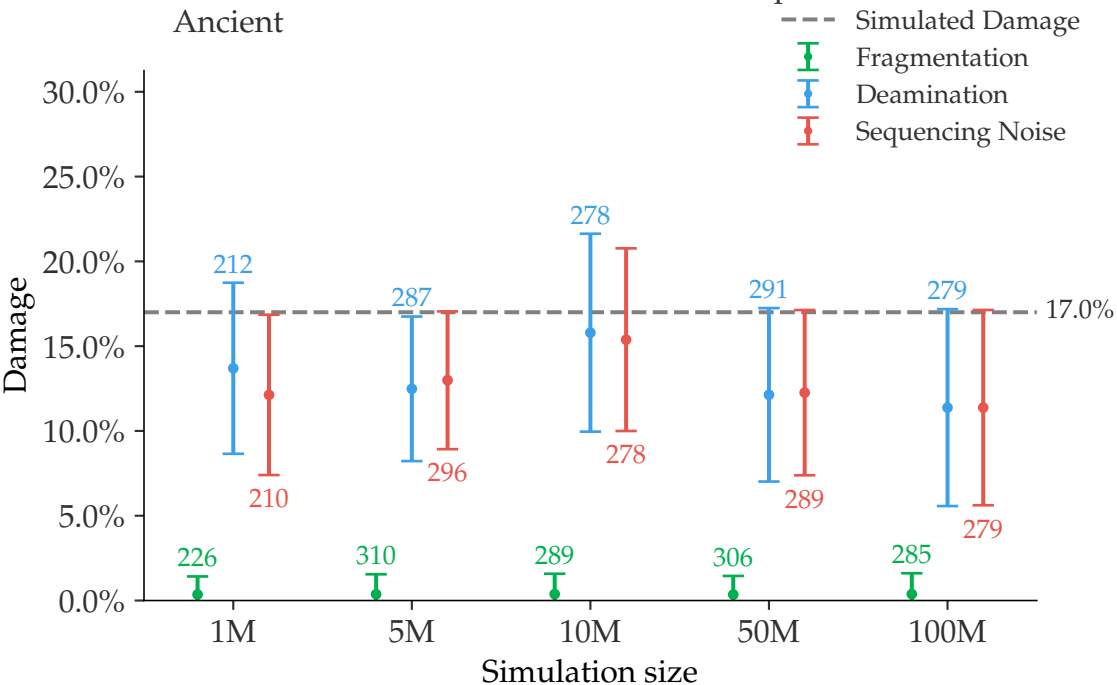
Ancient



Cave-102

Tax ID: 113606, s__Pseudodesulfovibrio aespoeensis

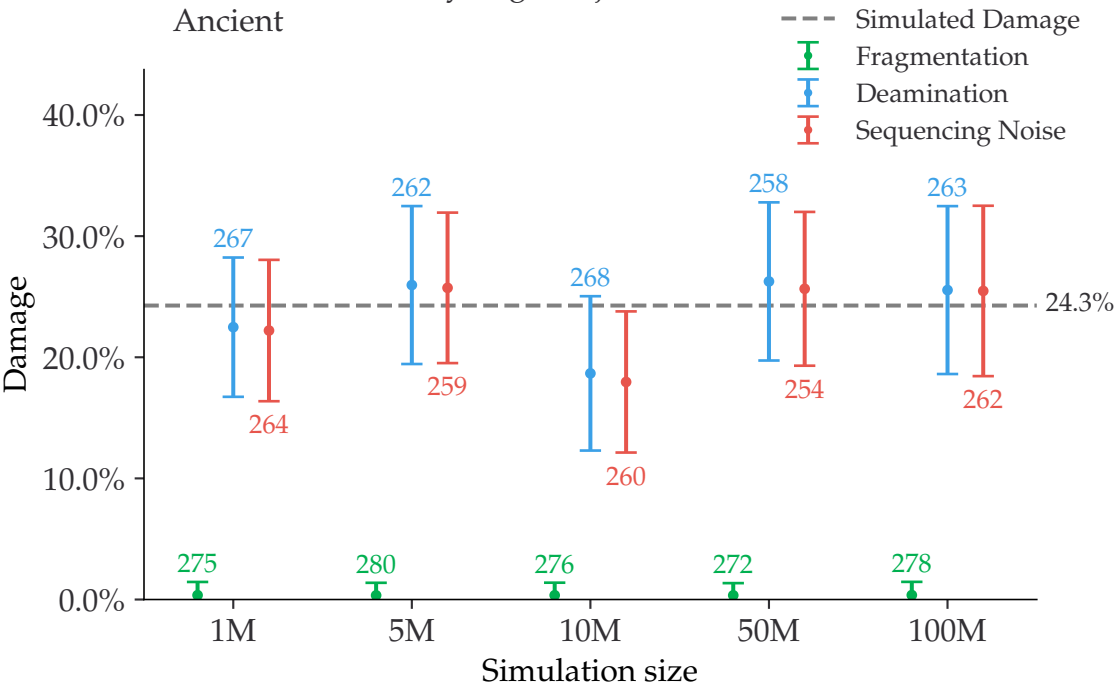
Ancient



Cave-102

Tax ID: 116725, s__*Synergistes jonesii*

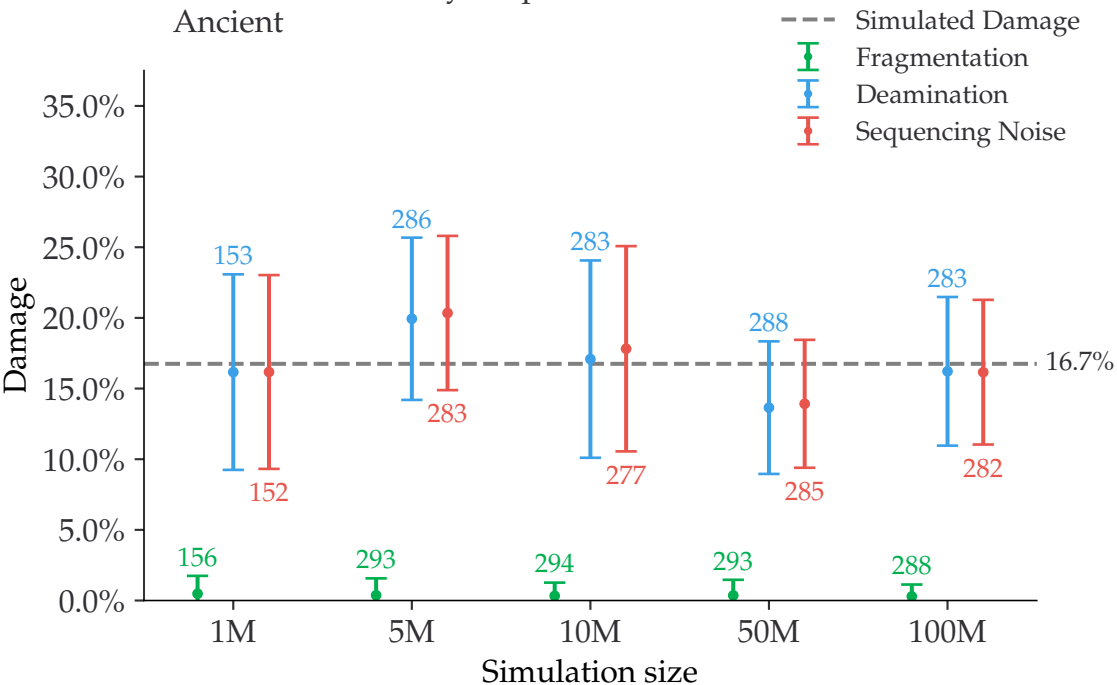
Ancient



Cave-102

Tax ID: 112961, s__Syntrophobacter fumaroxidans

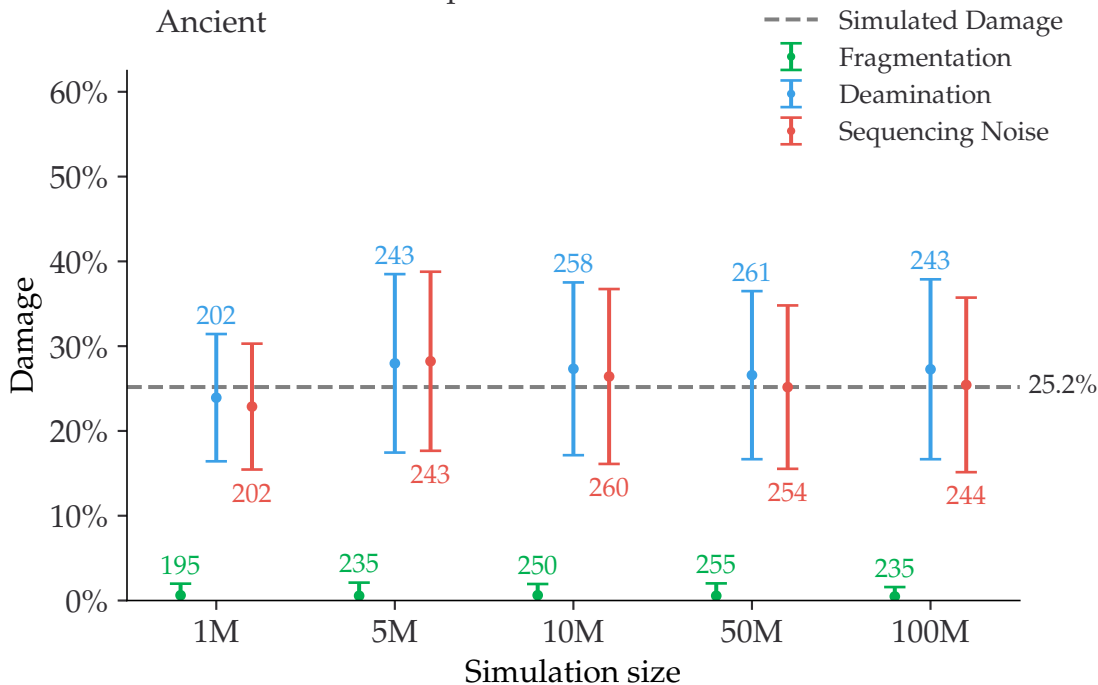
Ancient



Cave-102

Tax ID: 113143, s__Leptotrichia buccalis

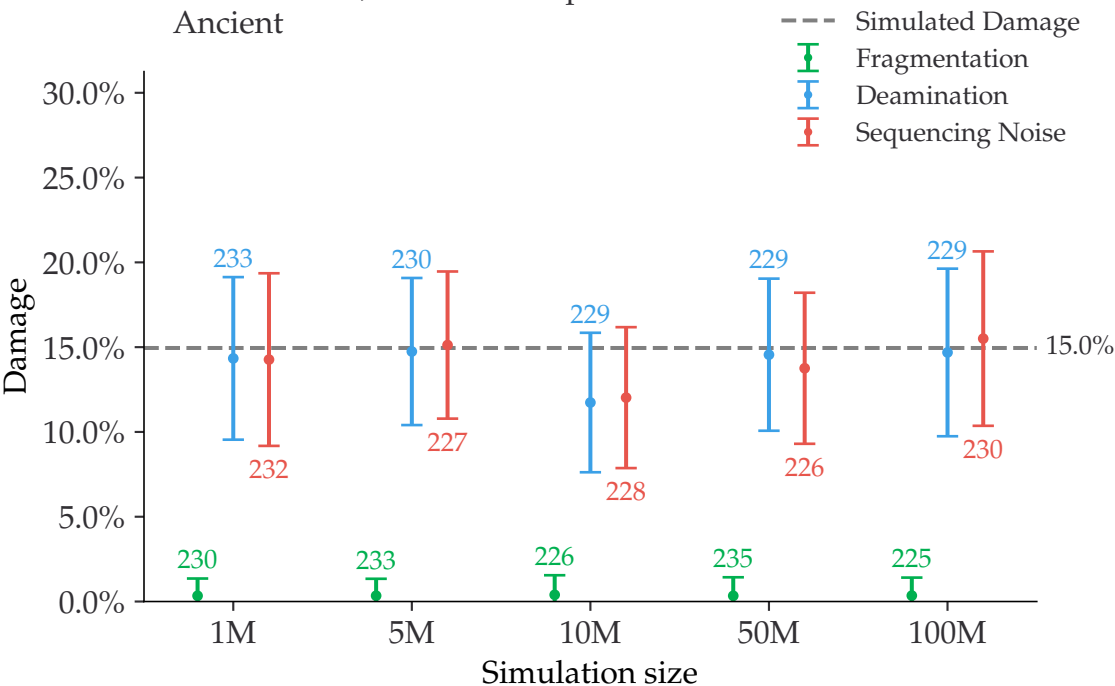
Ancient



Cave-102

Tax ID: 94838, *s__Olsenella* sp003862195

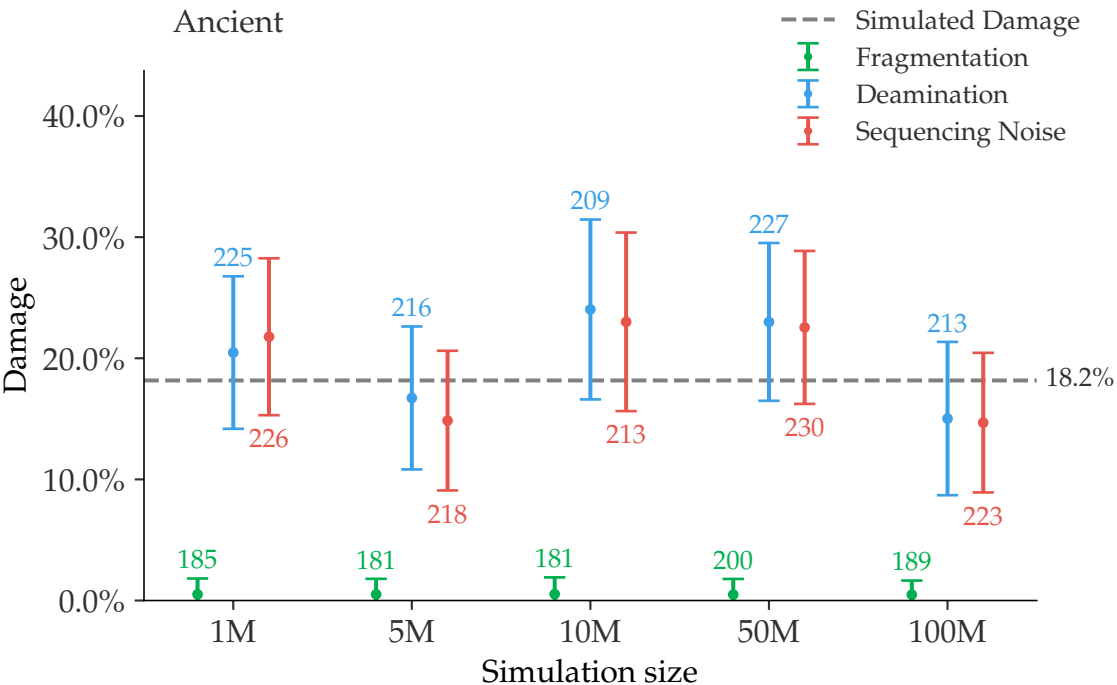
Ancient



Cave-102

Tax ID: 76369, s__Veillonella denticariosi

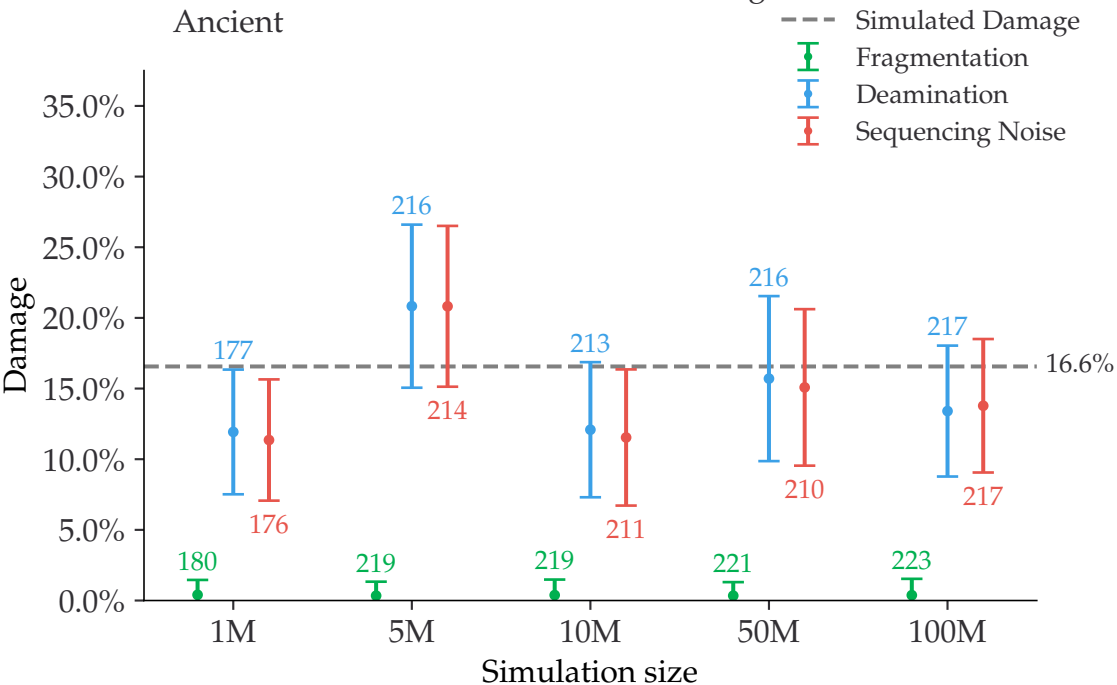
Ancient



Cave-102

Tax ID: 115405, s__Paucidesulfovibrio longus

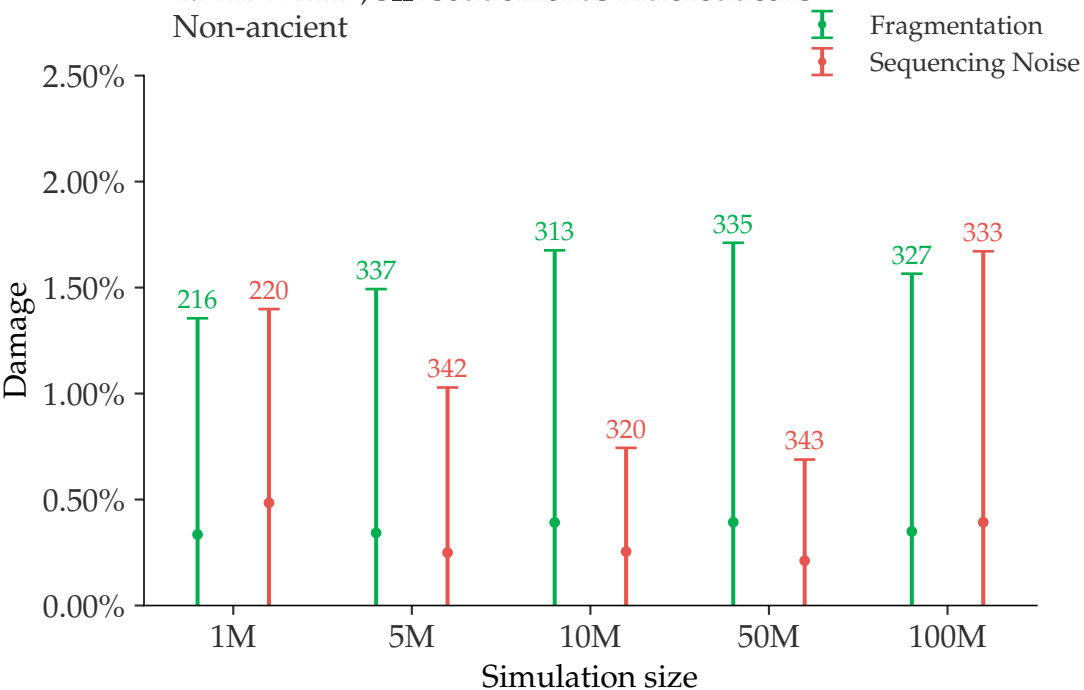
Ancient



Cave-102

Tax ID: 72447, *s__Pseudomonas nitroreducens*

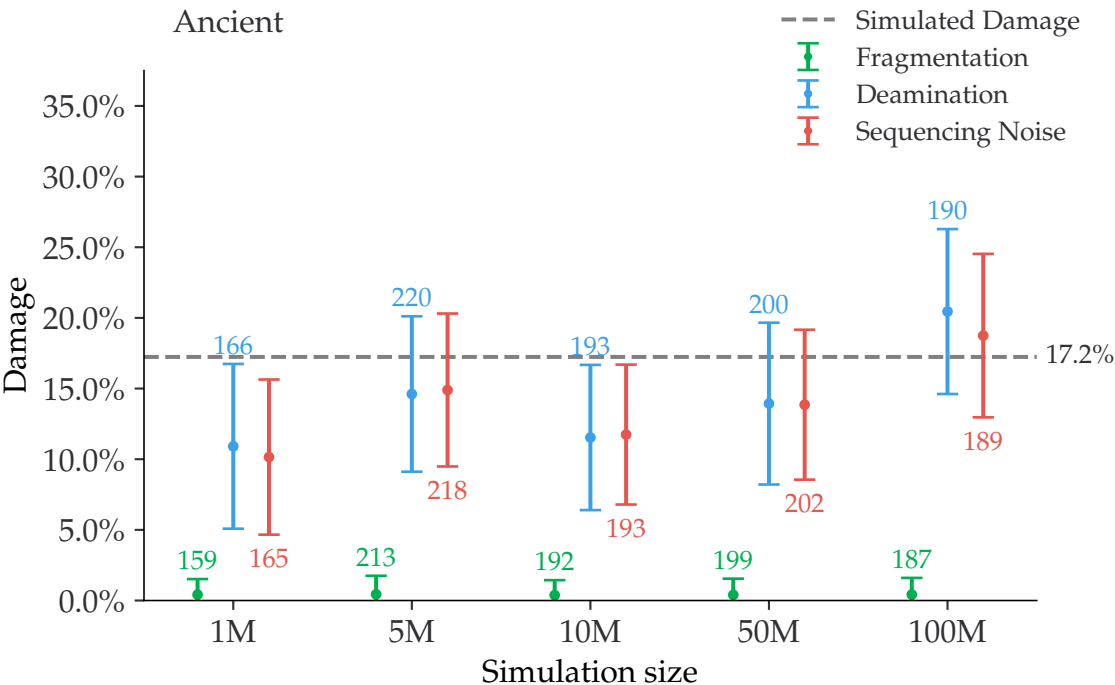
Non-ancient



Cave-102

Tax ID: 115672, s__Desulfomicrobium escambiense

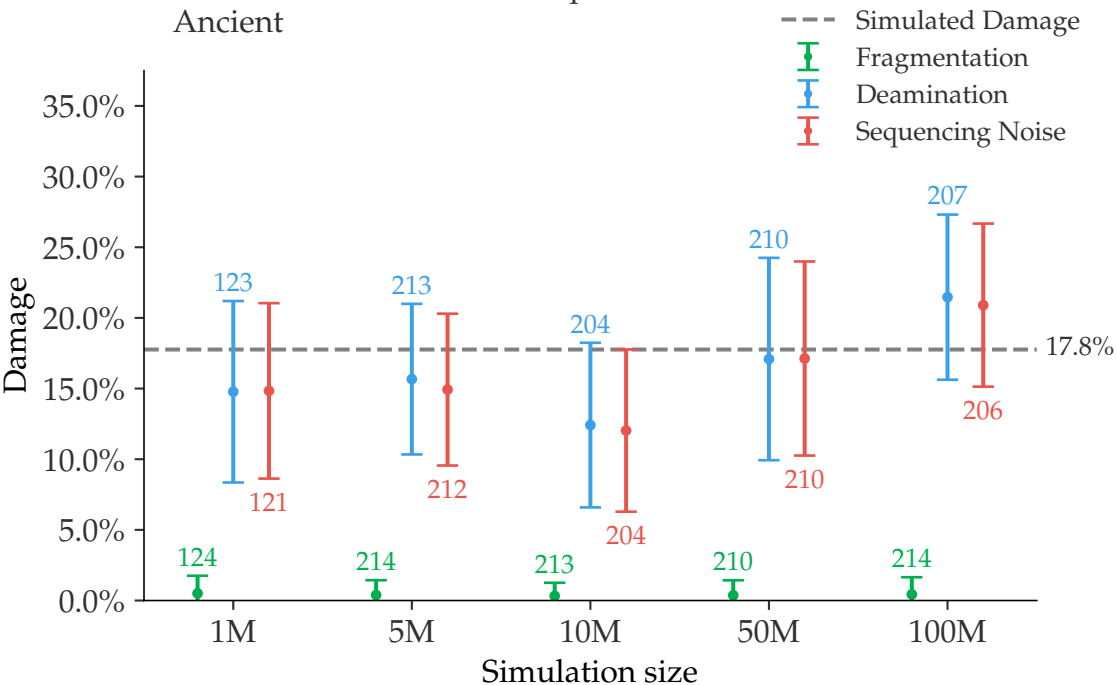
Ancient



Cave-102

Tax ID: 100789, s_DSUX01 sp011328915

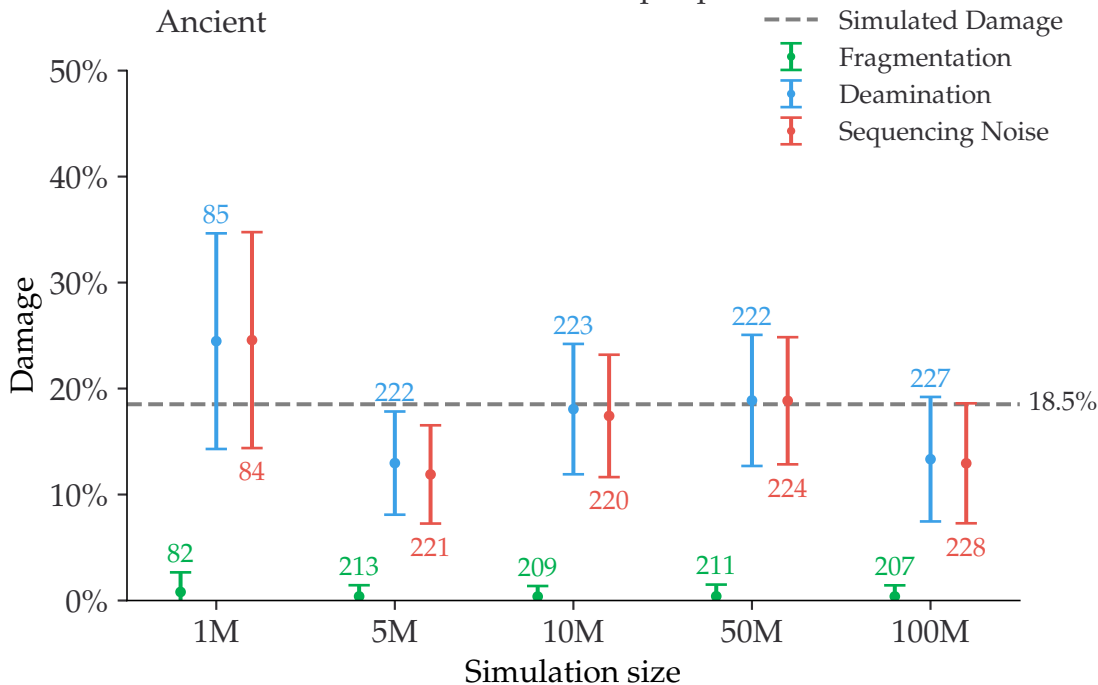
Ancient



Cave-102

Tax ID: 118384, s__Desulfatitalea tepidiphila

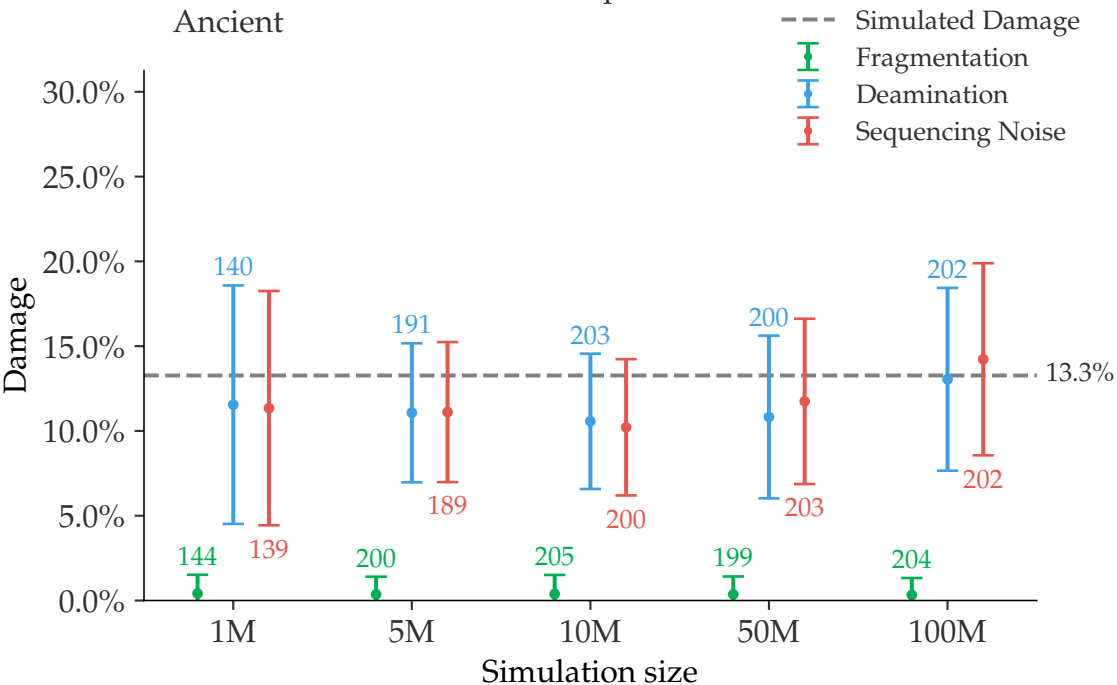
Ancient



Cave-102

Tax ID: 126020, s__Thauera_A sp004801295

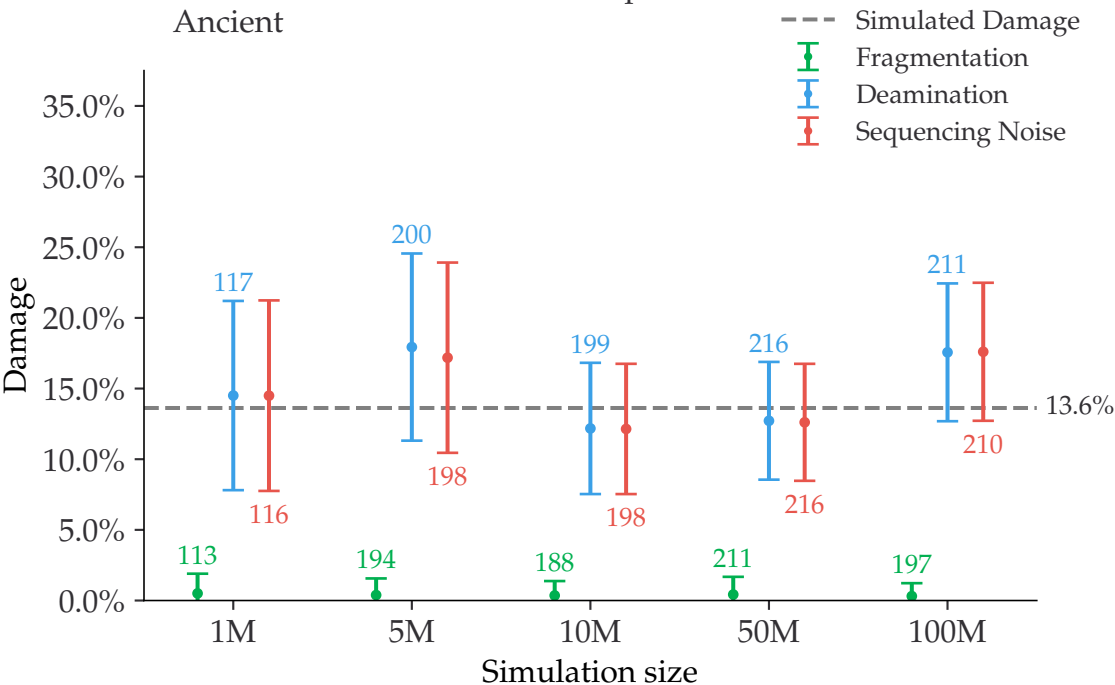
Ancient



Cave-102

Tax ID: 126819, s__Bordetella_B sp007679965

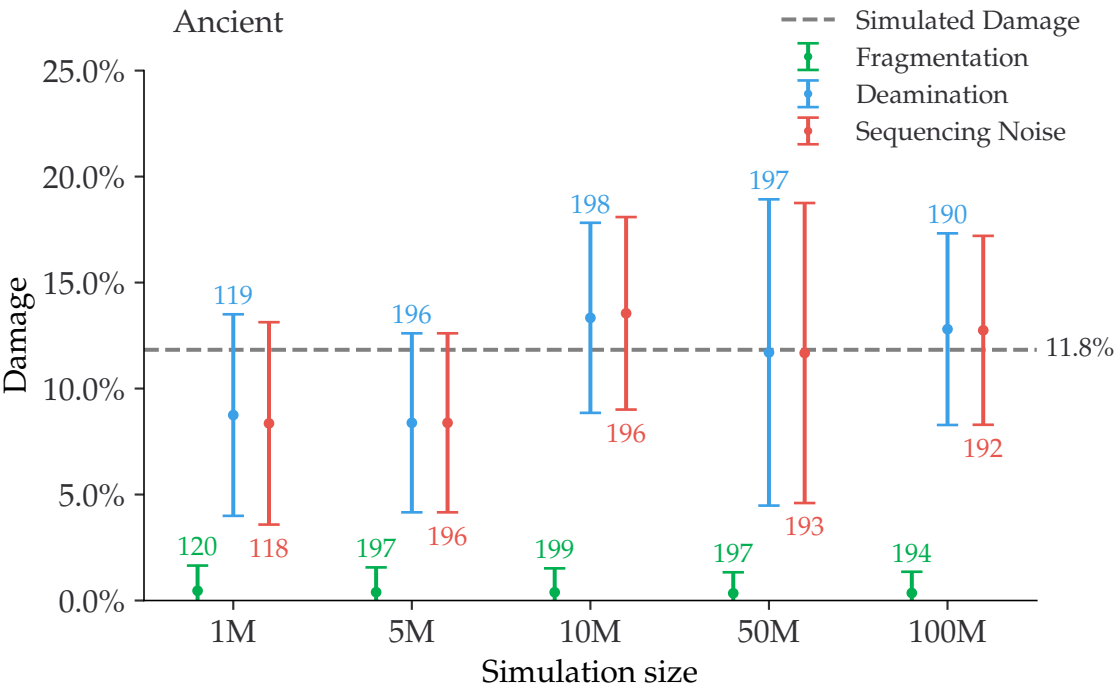
Ancient



Cave-102

Tax ID: 115662, s__Chitinimonas koreensis

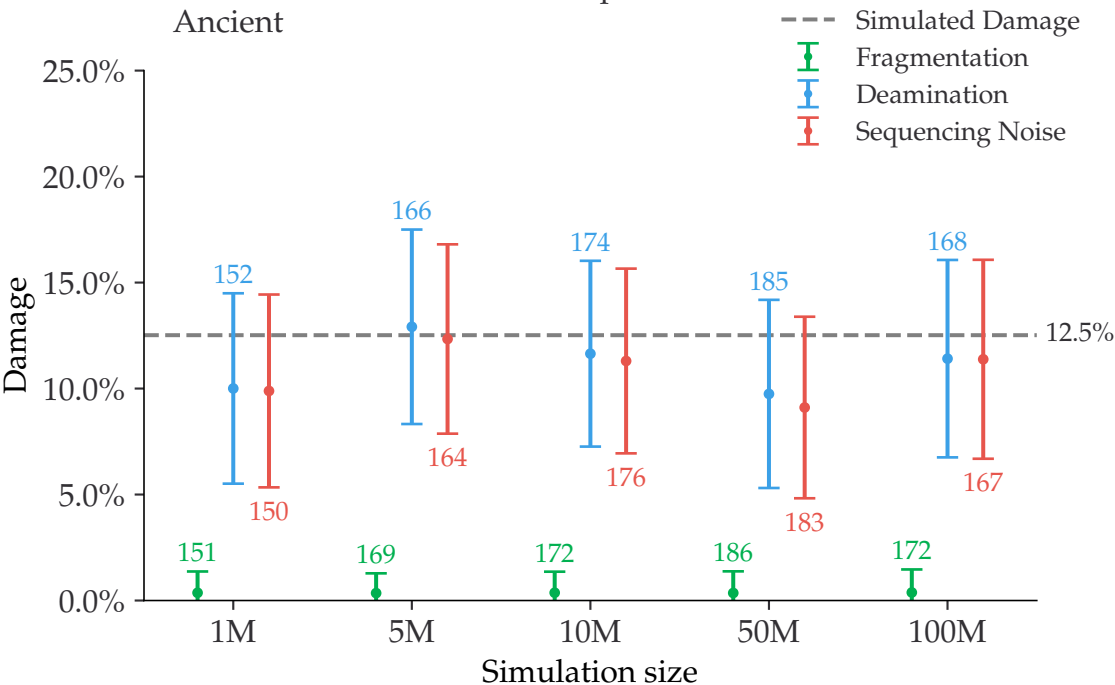
Ancient



Cave-102

Tax ID: 112670, s__CAIZPE01 sp903934795

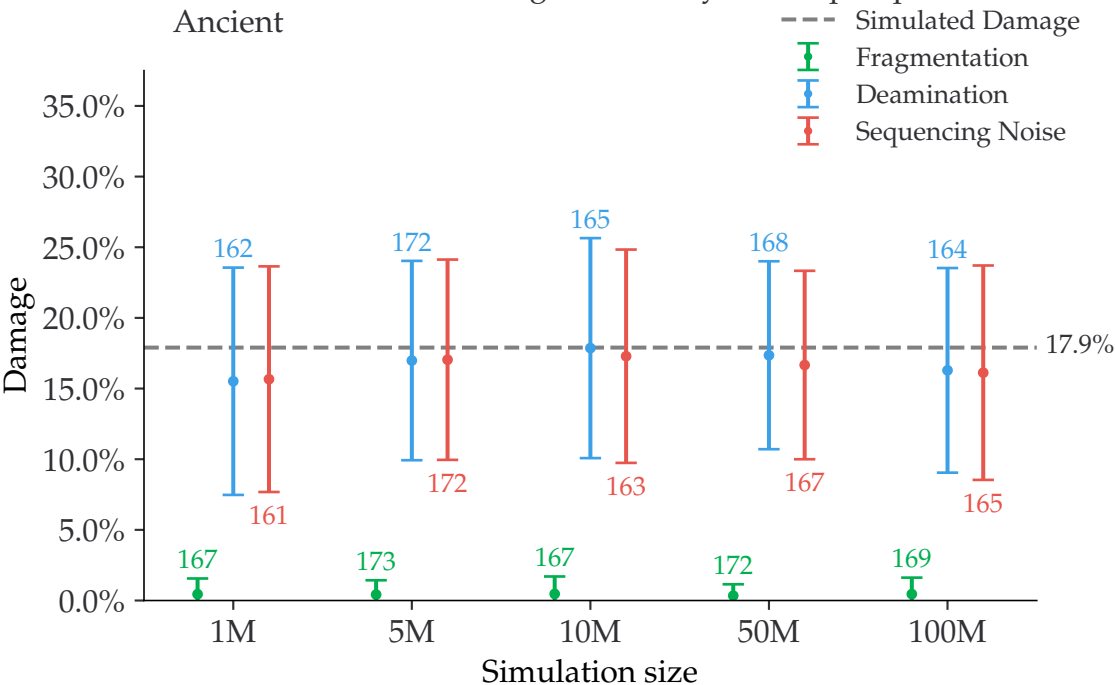
Ancient



Cave-102

Tax ID: 113278, s__Dehalogenimonas lykanthroporepellens

Ancient



Cave-102

Tax ID: 122872, s__*Sphingomonas aurantiaca*

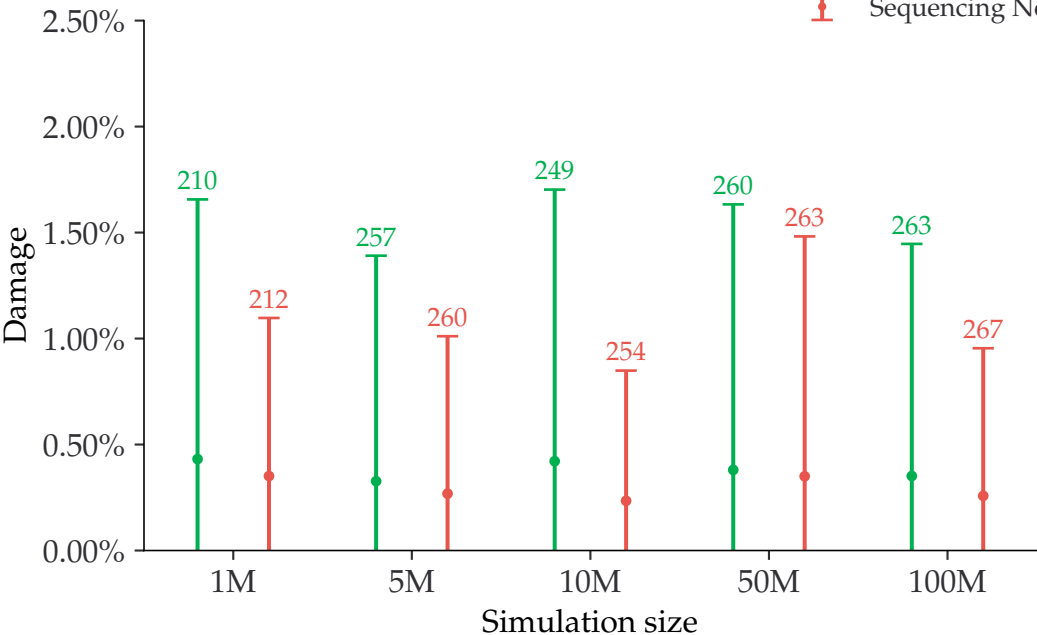
Non-ancient



Fragmentation



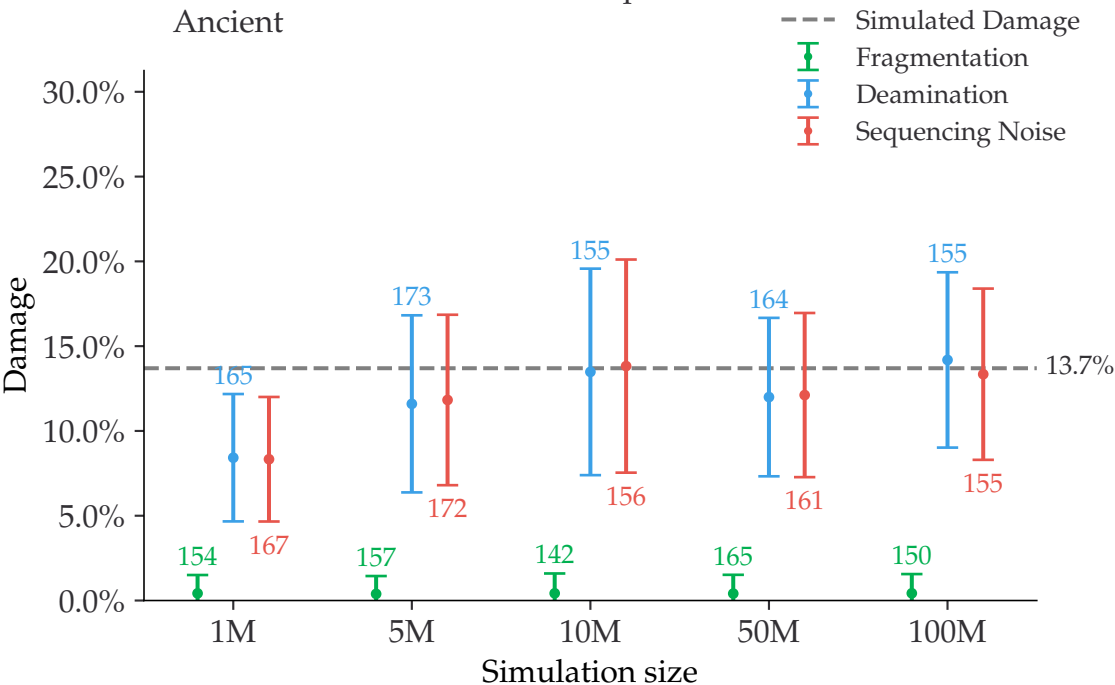
Sequencing Noise



Cave-102

Tax ID: 83167, *s__Pulveribacter* sp002434305

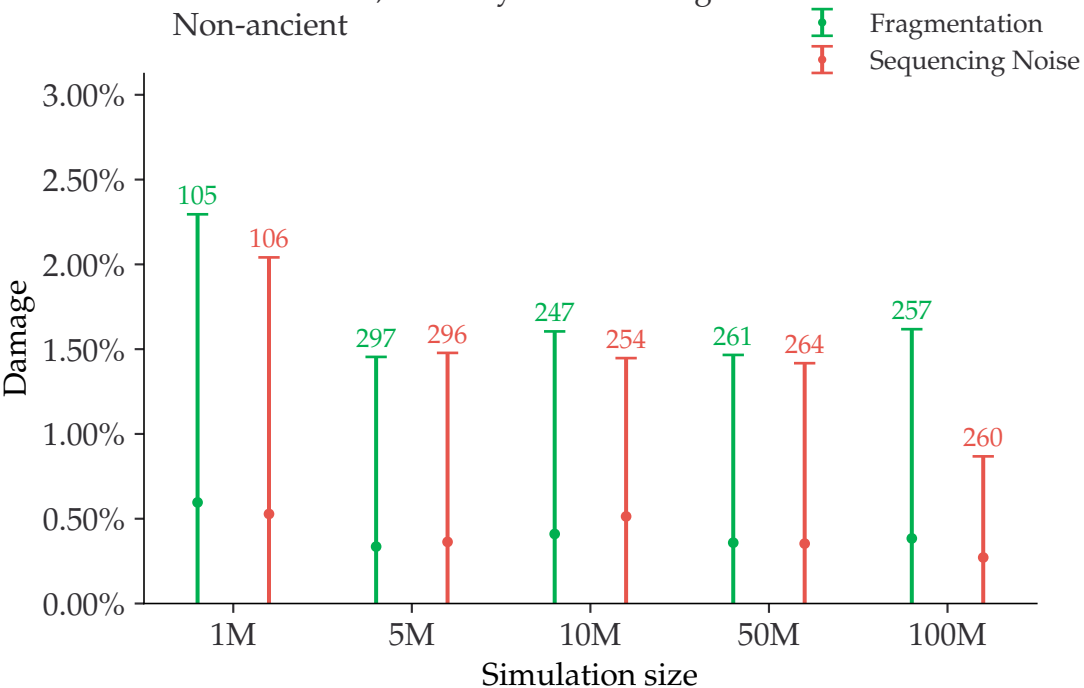
Ancient



Cave-102

Tax ID: 122955, s__Bradyrhizobium algeriense

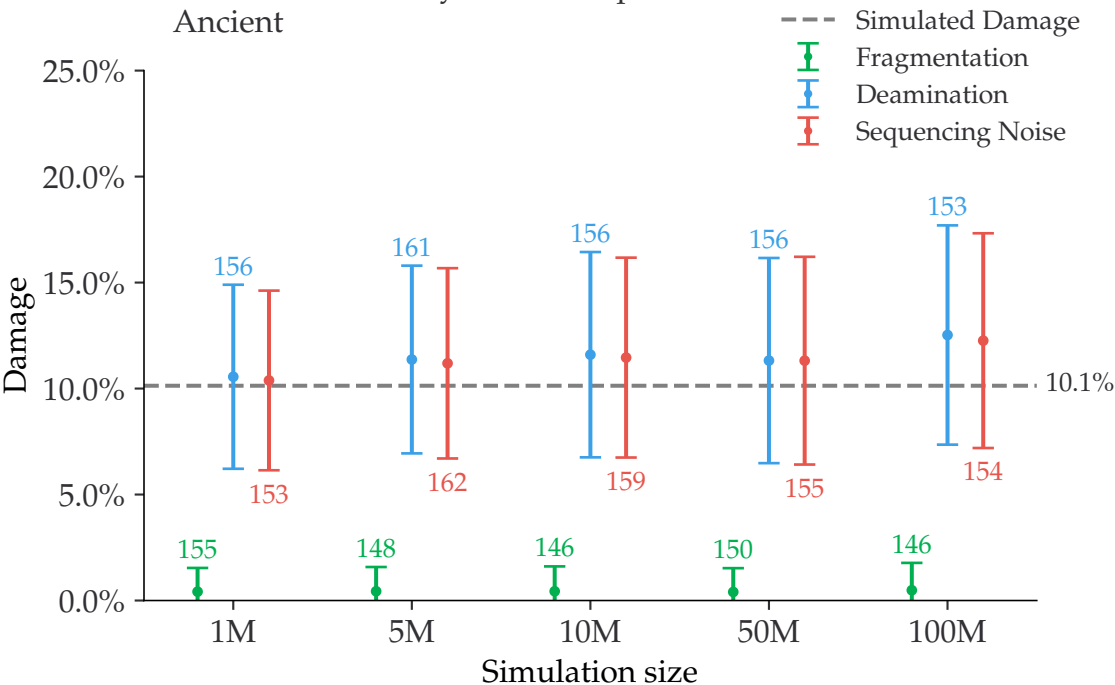
Non-ancient



Cave-102

Tax ID: 78155, s__Hylemonella sp001797315

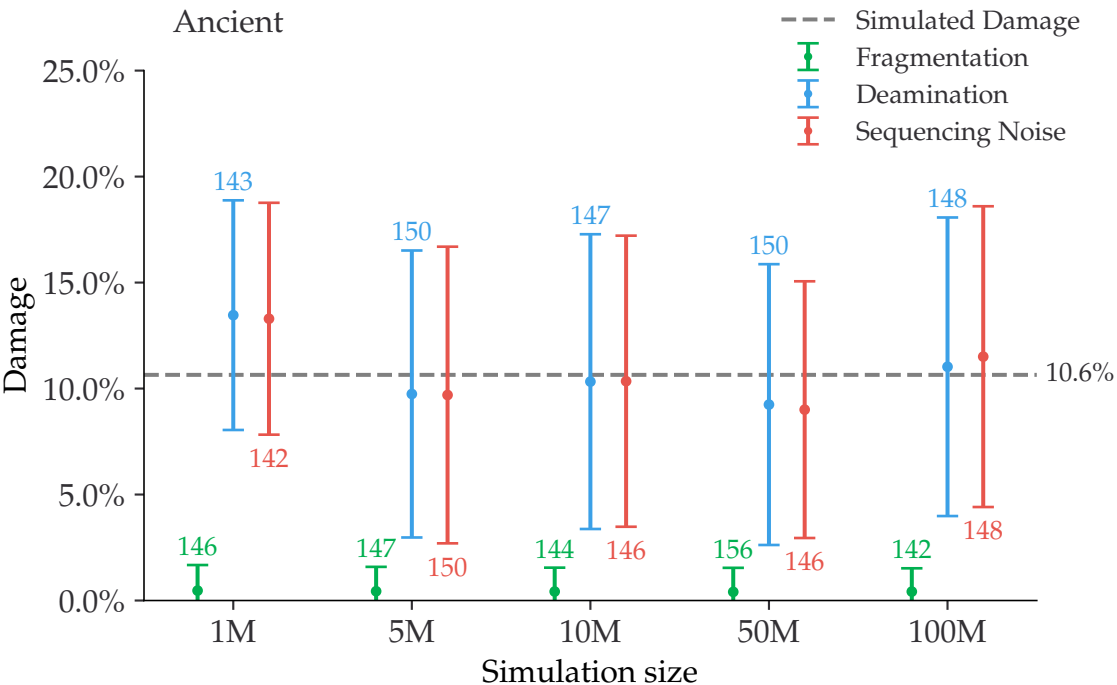
Ancient



Cave-102

Tax ID: 119568, s__Castellaniella caeni

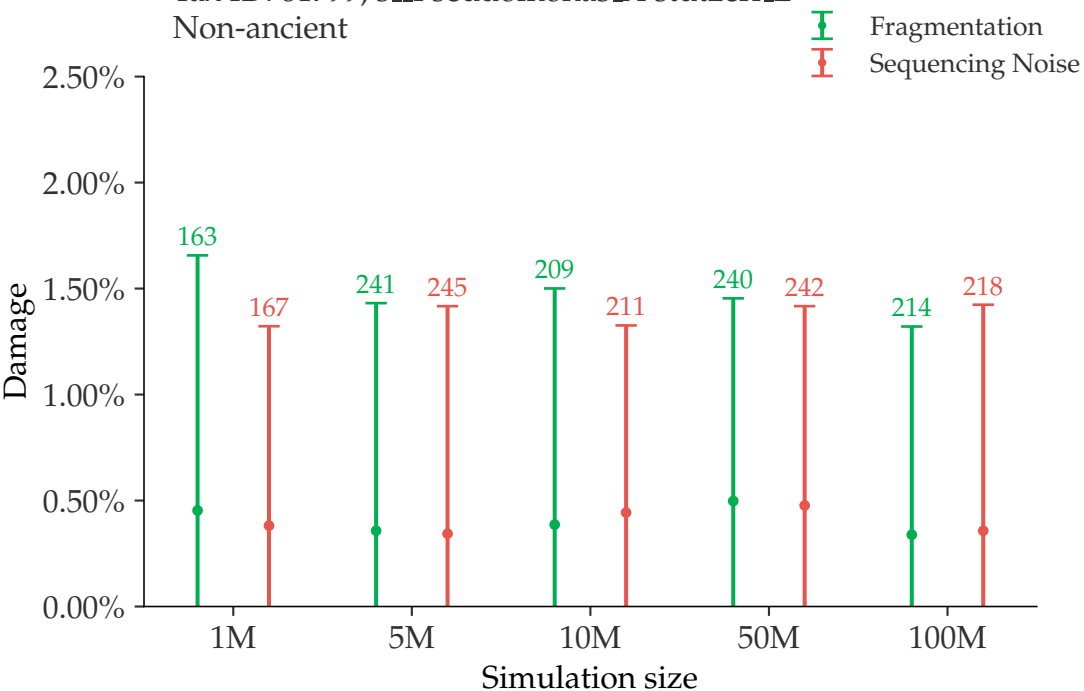
Ancient



Cave-102

Tax ID: 81799, s__Pseudomonas_A stutzeri_L

Non-ancient

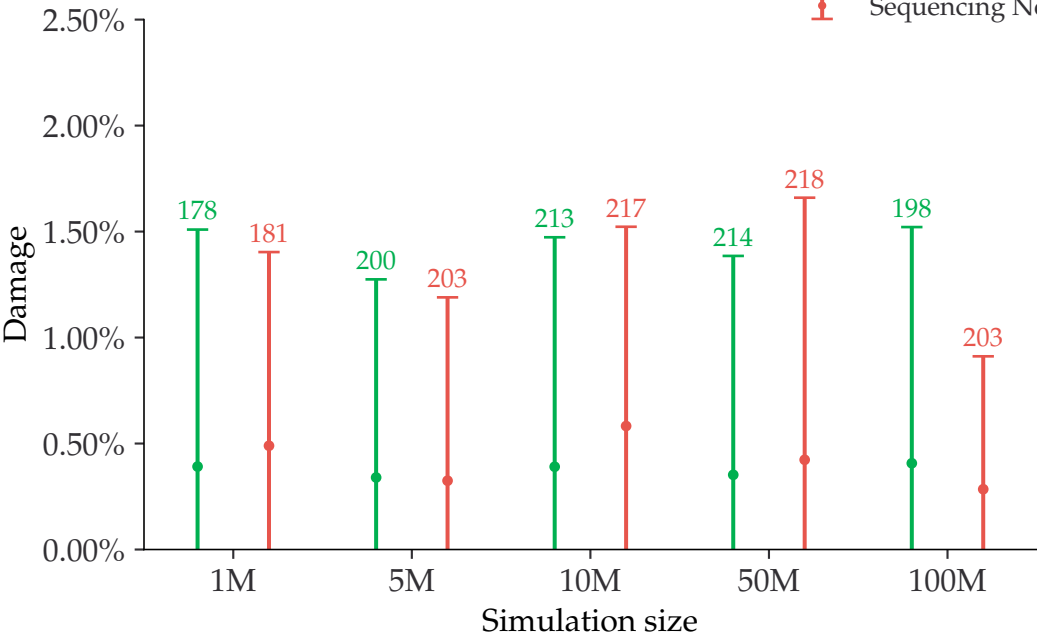


Cave-102

Tax ID: 81847, s__*Stenotrophomonas bentonitica*_A

Non-ancient

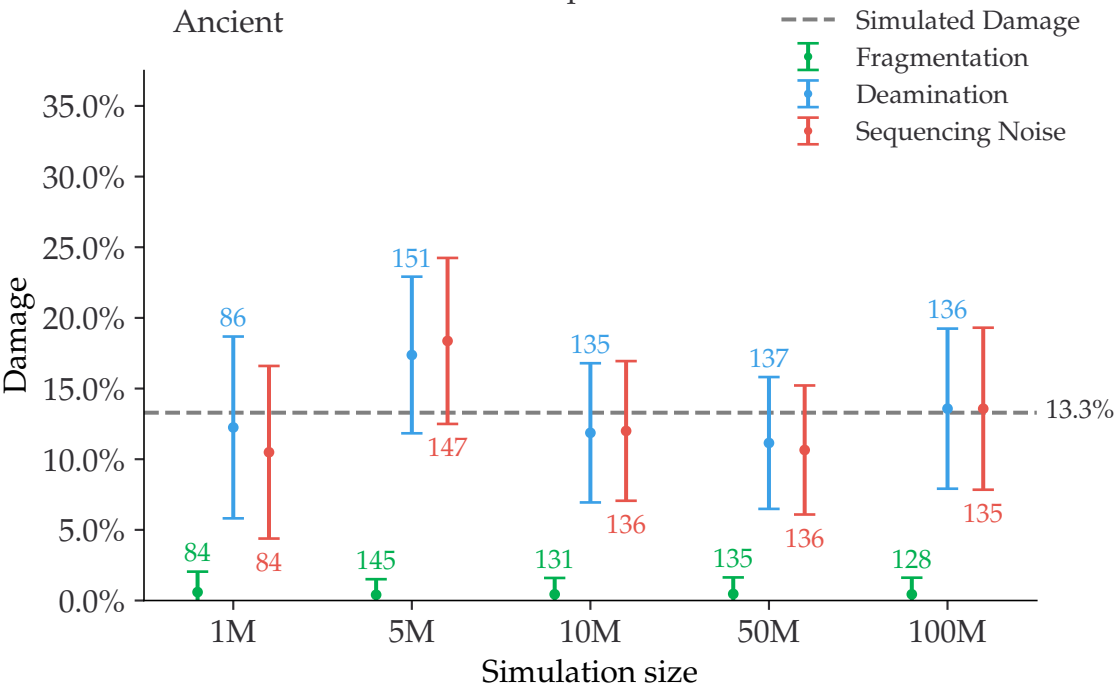
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 94149, s__UBA4615 sp003818495

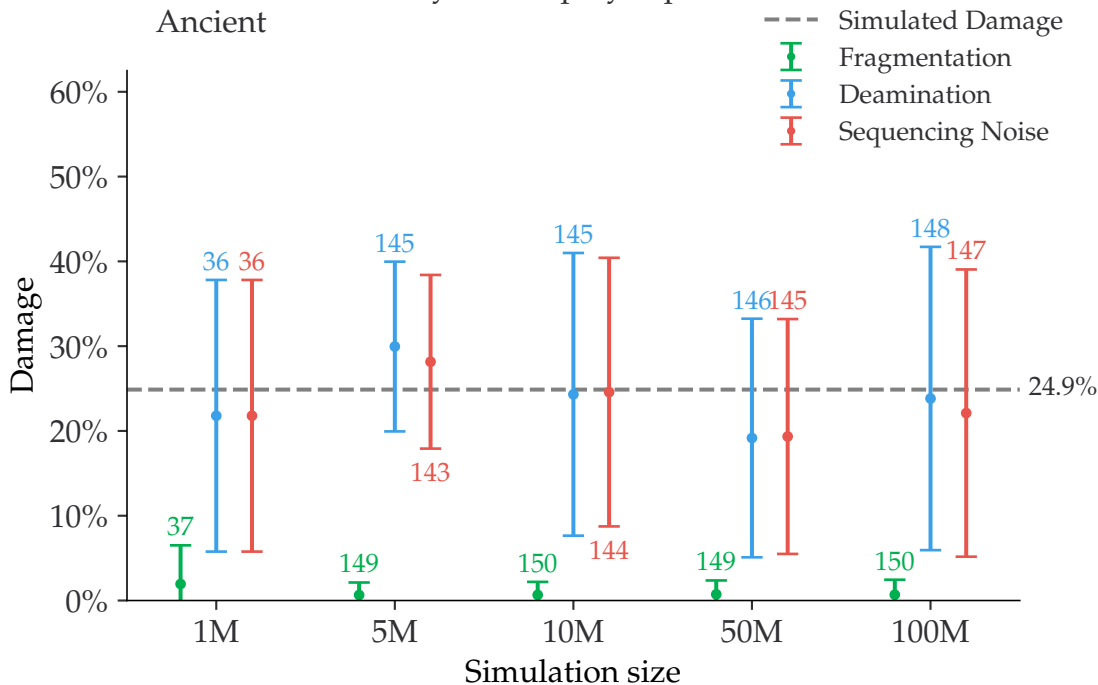
Ancient



Cave-102

Tax ID: 113499, s__Ilyobacter polytropus

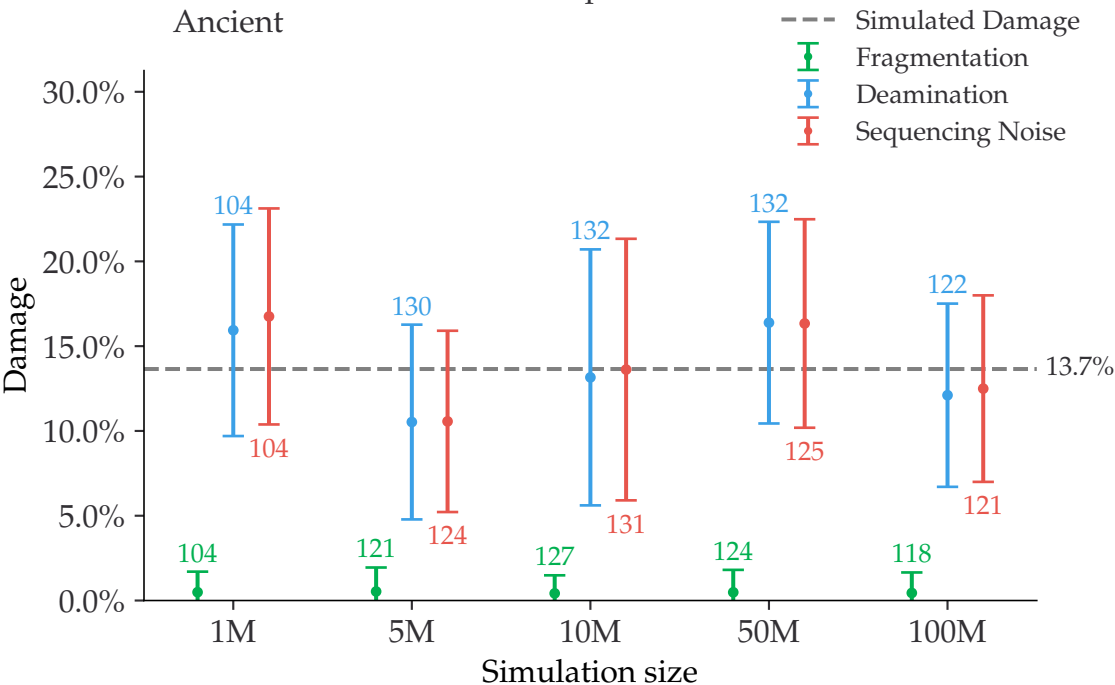
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Cave-102

Tax ID: 92904, s__SCN-69-89 sp003577305

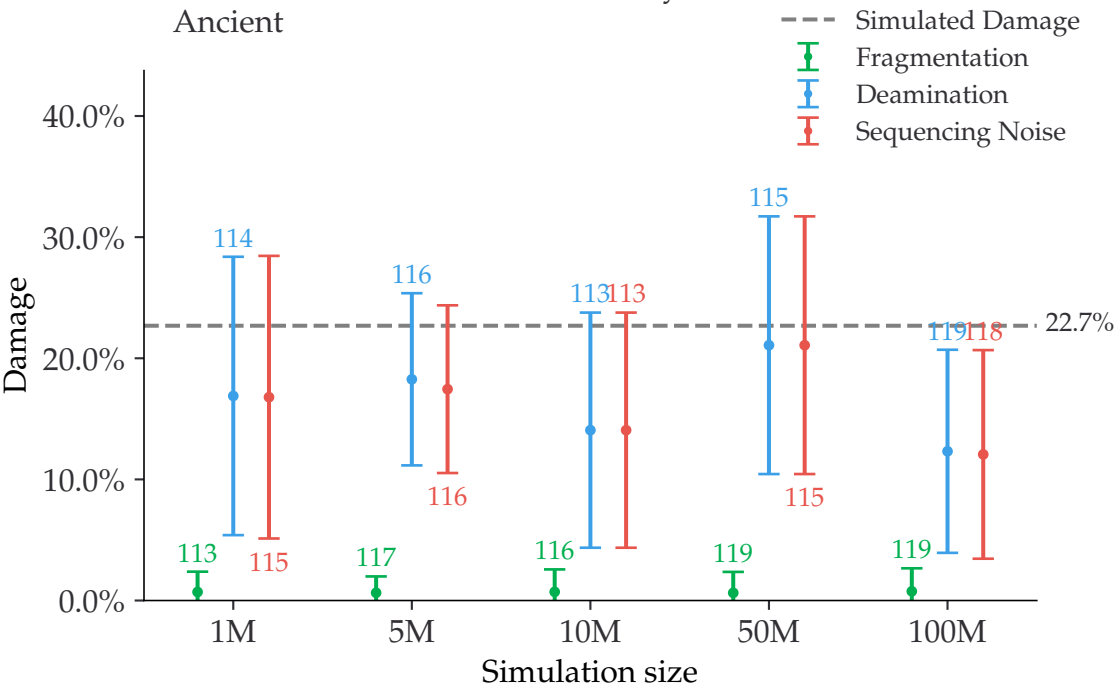
Ancient



Cave-102

Tax ID: 120757, s__Rodentibacter myodis

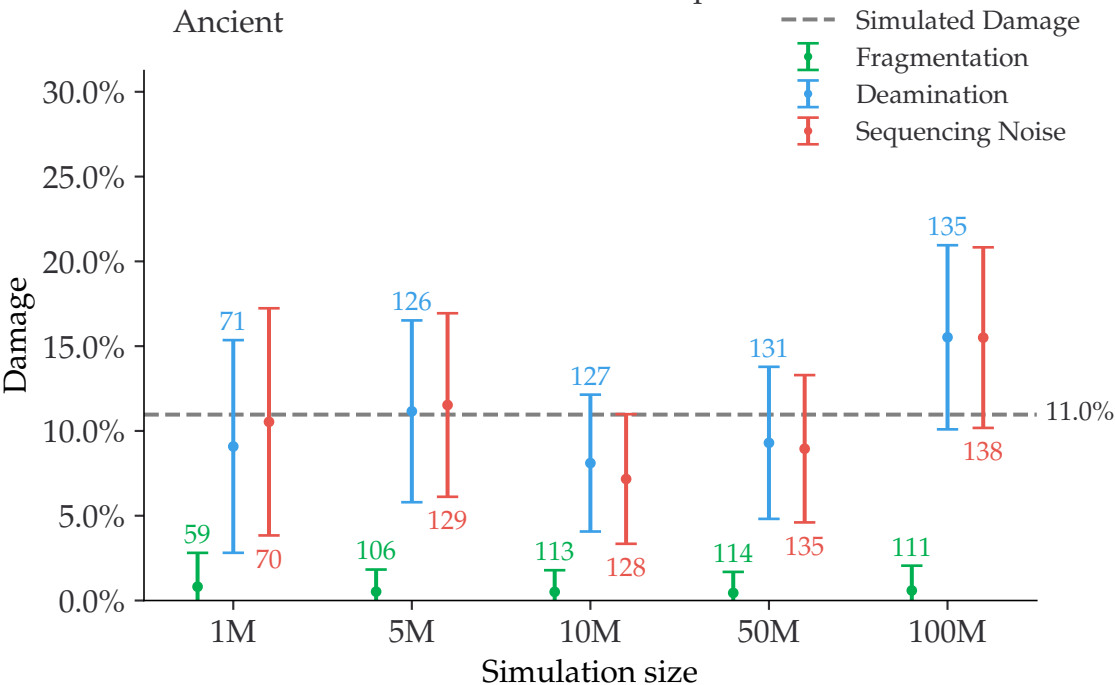
Ancient



Cave-102

Tax ID: 111729, s__Pseudacidovorax sp903864295

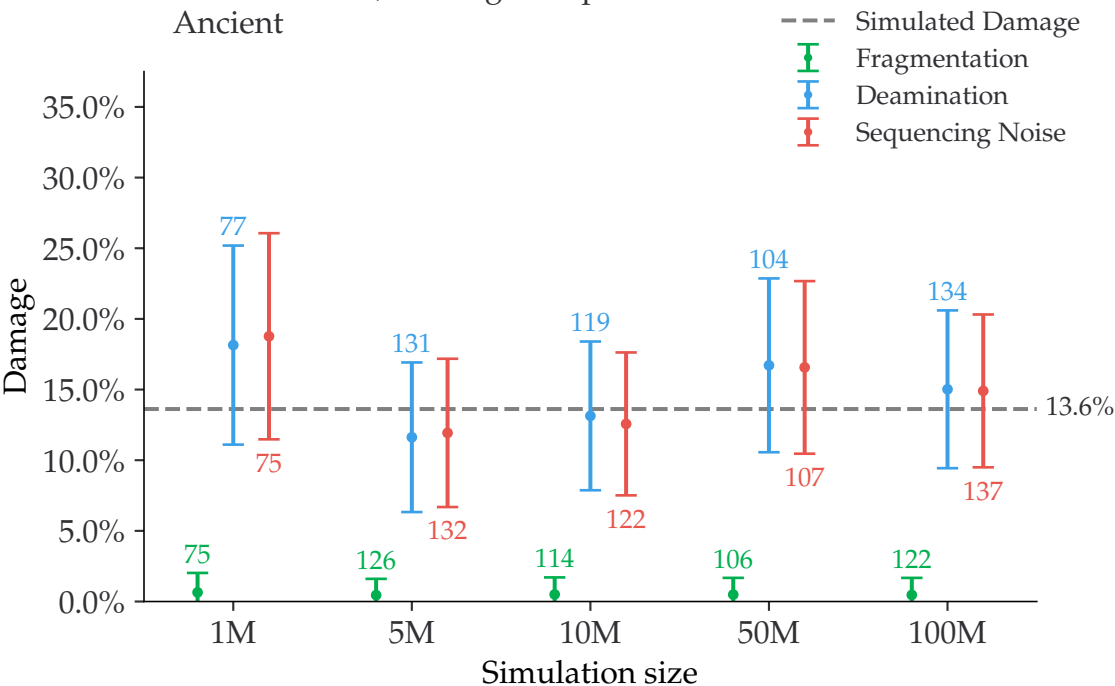
Ancient



Cave-102

Tax ID: 129070, s__Zoogloea sp012927165

Ancient

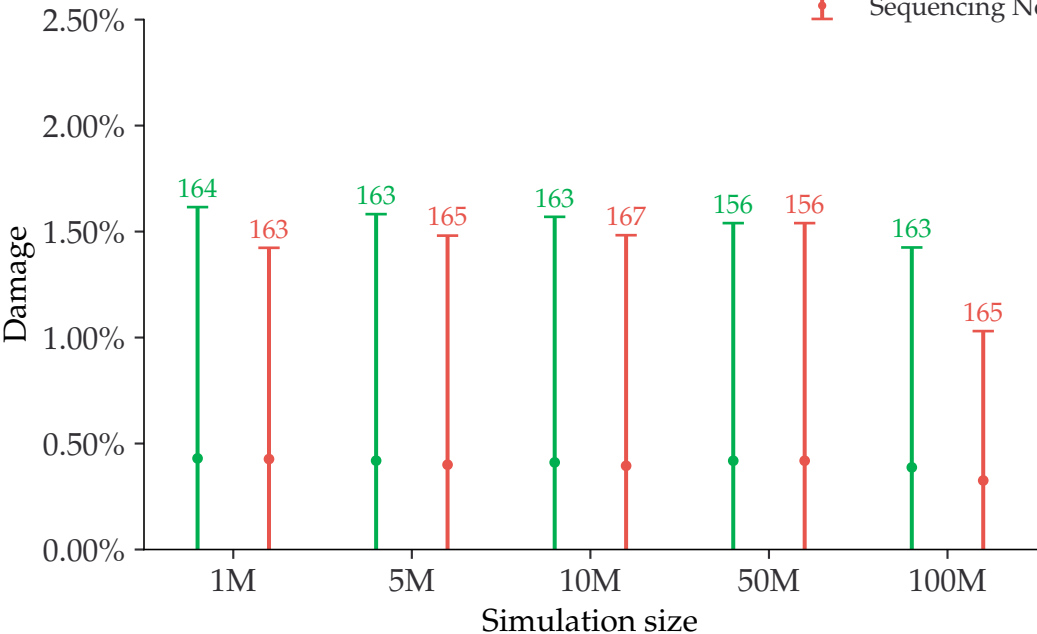


Cave-102

Tax ID: 121127, s__Hydrogenophaga sp002127215

Non-ancient

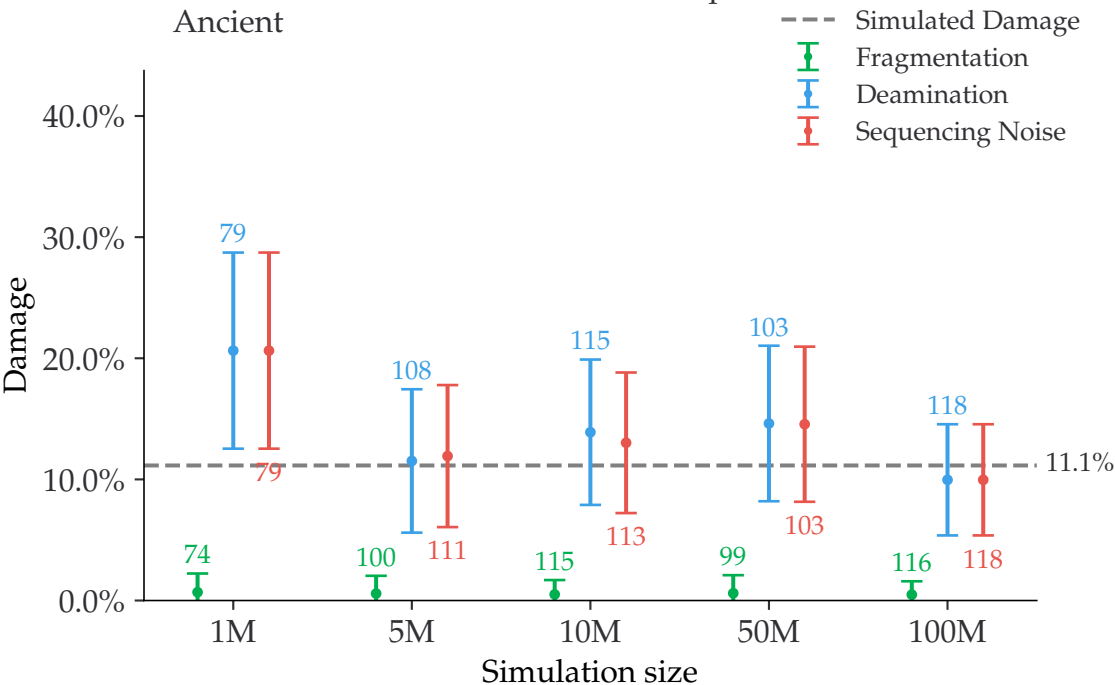
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 122447, s__Chromobacterium sp002924365

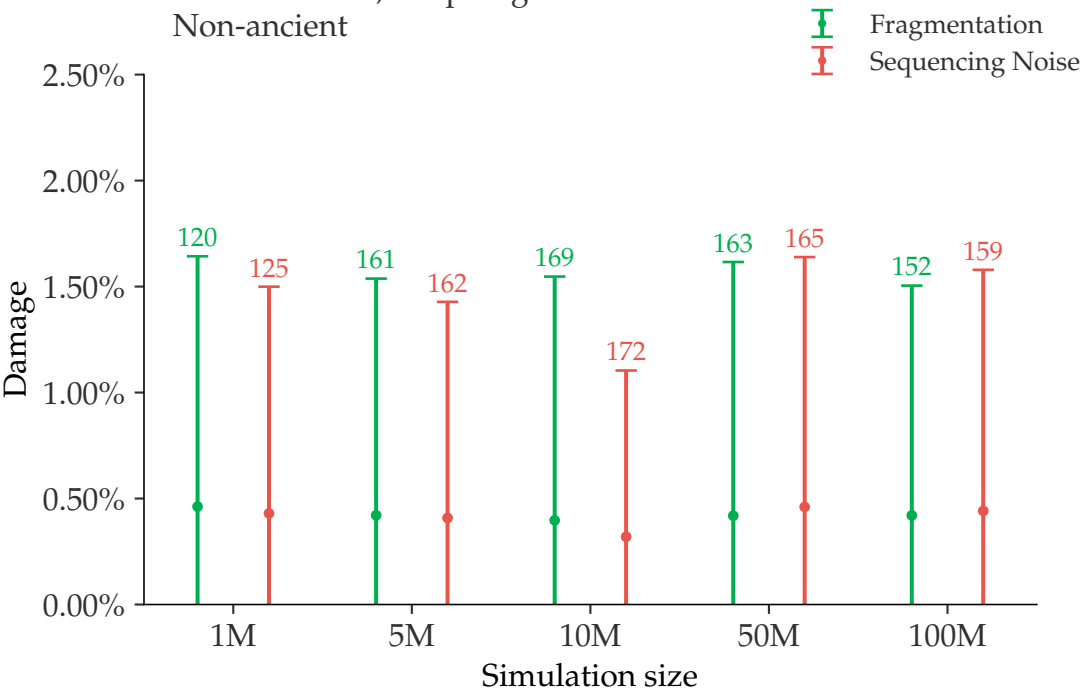
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Cave-102

Tax ID: 124195, s__*Sphingobium limneticum*

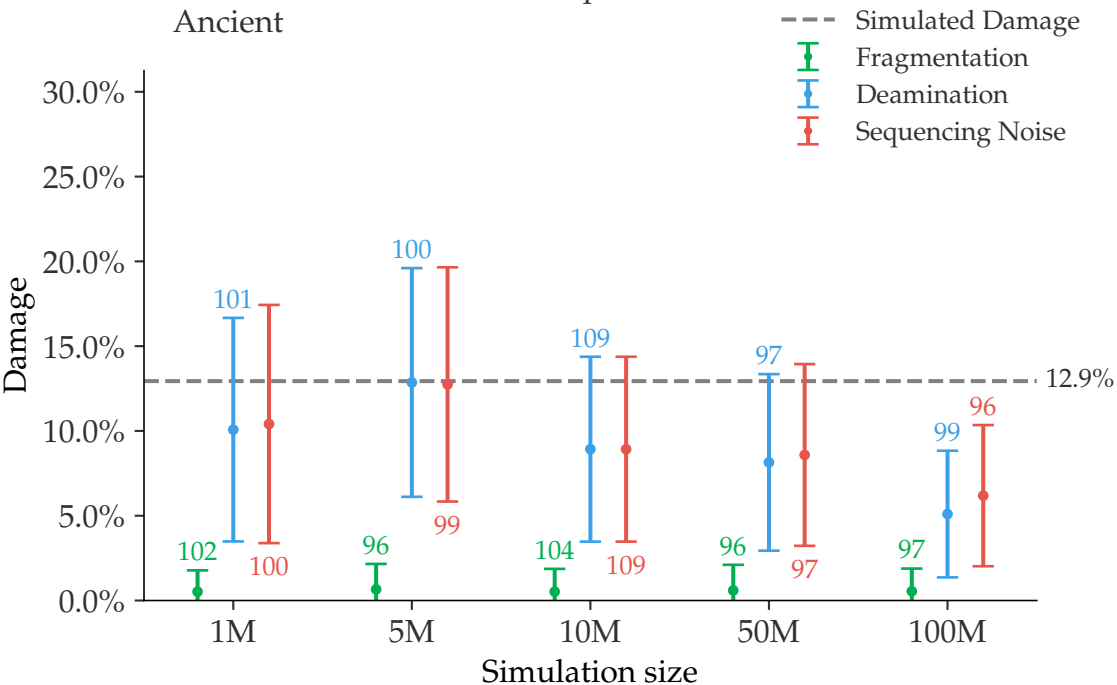
Non-ancient



Cave-102

Tax ID: 105737, s__UBA1367 sp900314645

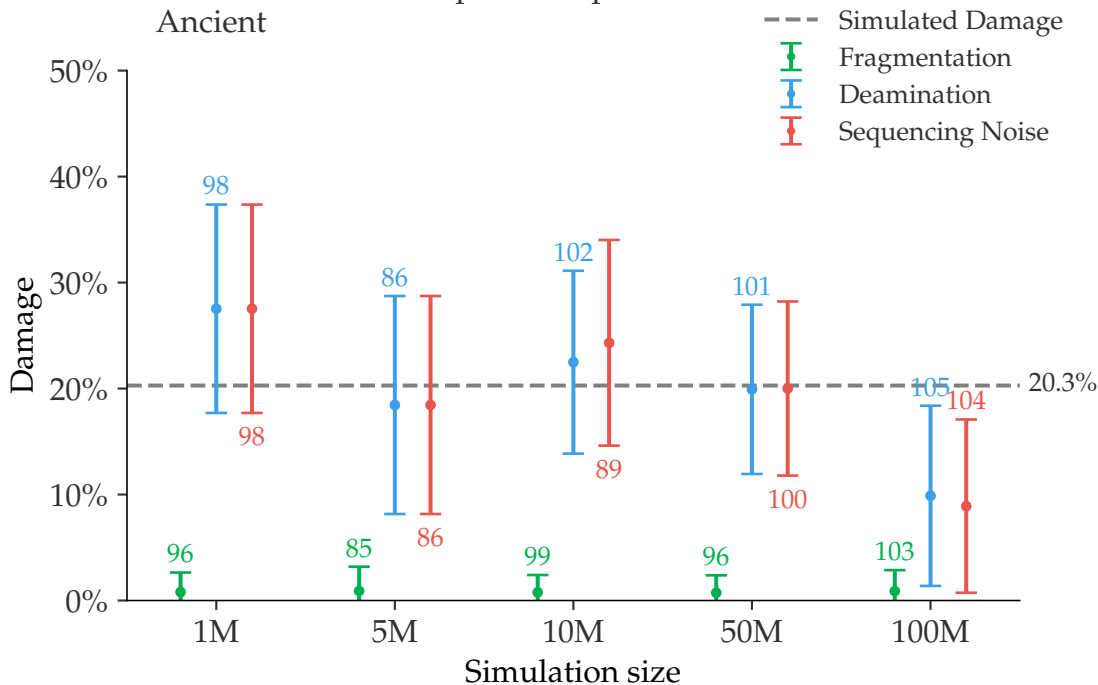
Ancient



Cave-102

Tax ID: 117333, s__Treponema sp000775995

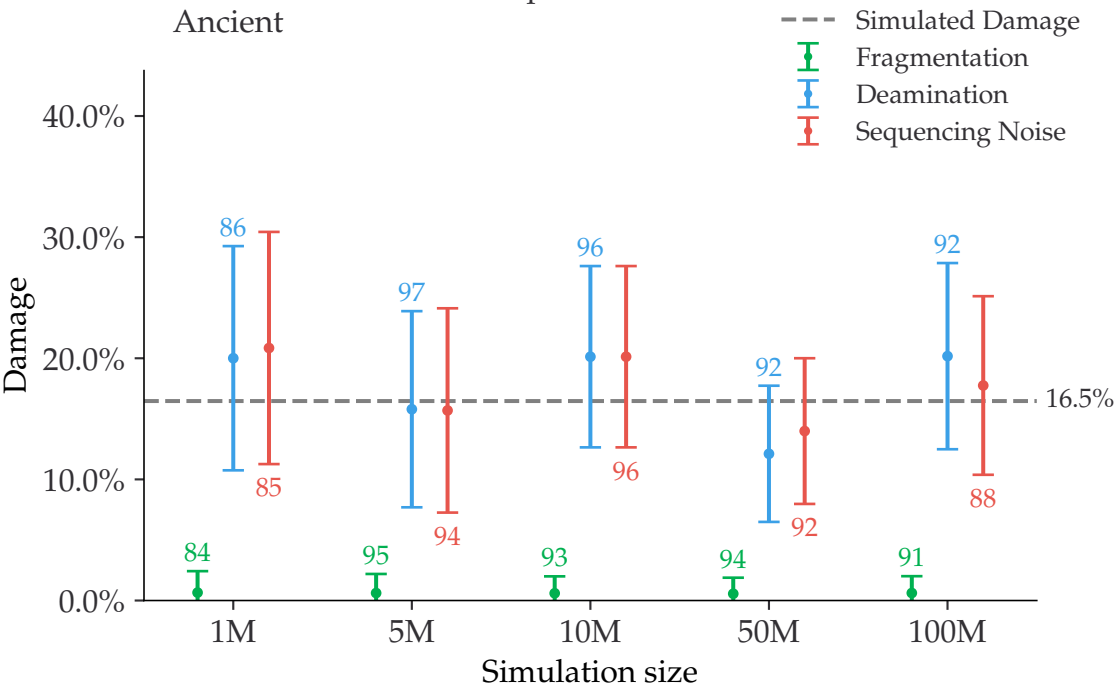
Ancient



Cave-102

Tax ID: 126085, s__Chitiniphilus eburneus

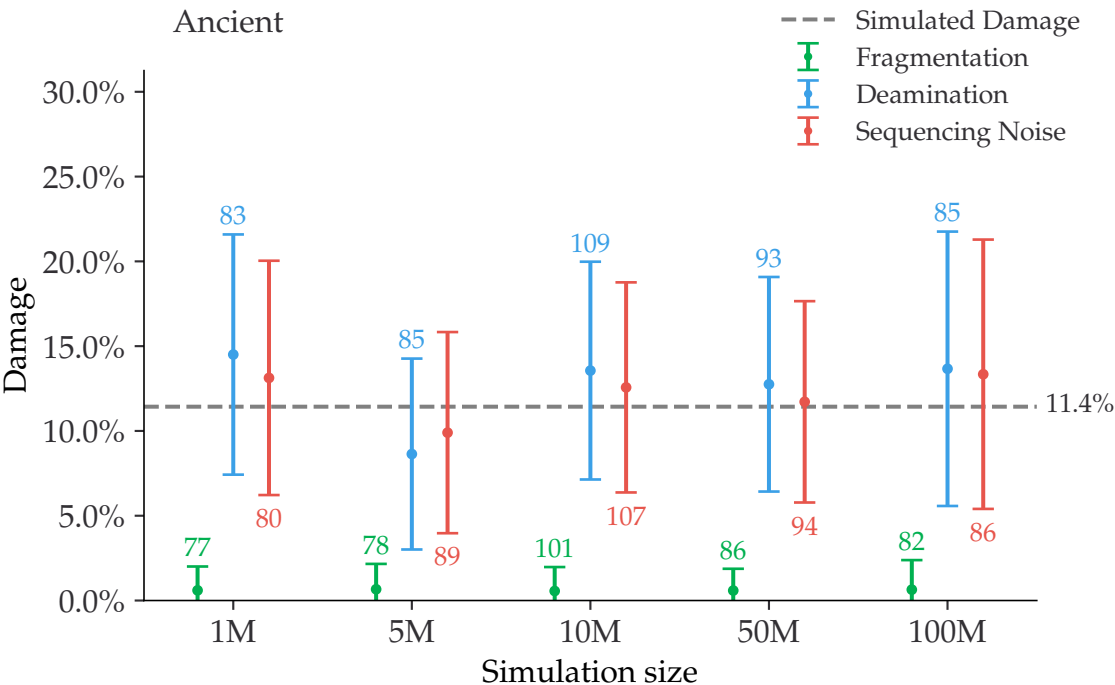
Ancient



Cave-102

Tax ID: 120450, s__Halomonas aestuarii

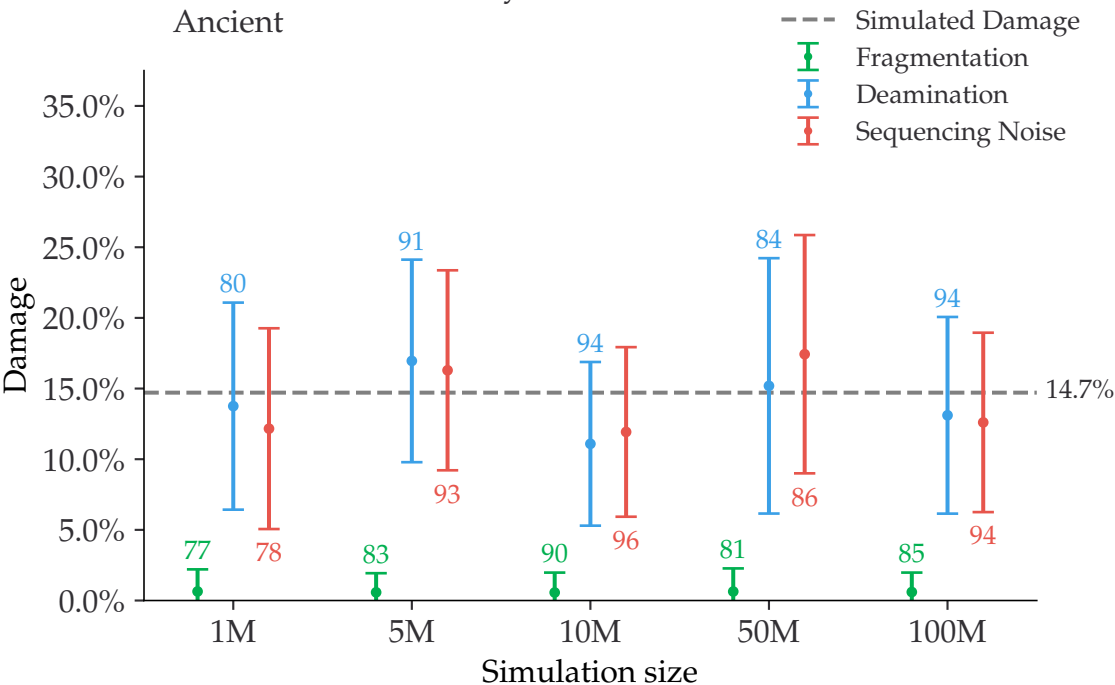
Ancient



Cave-102

Tax ID: 113852, s__Methyloversatilis universalis

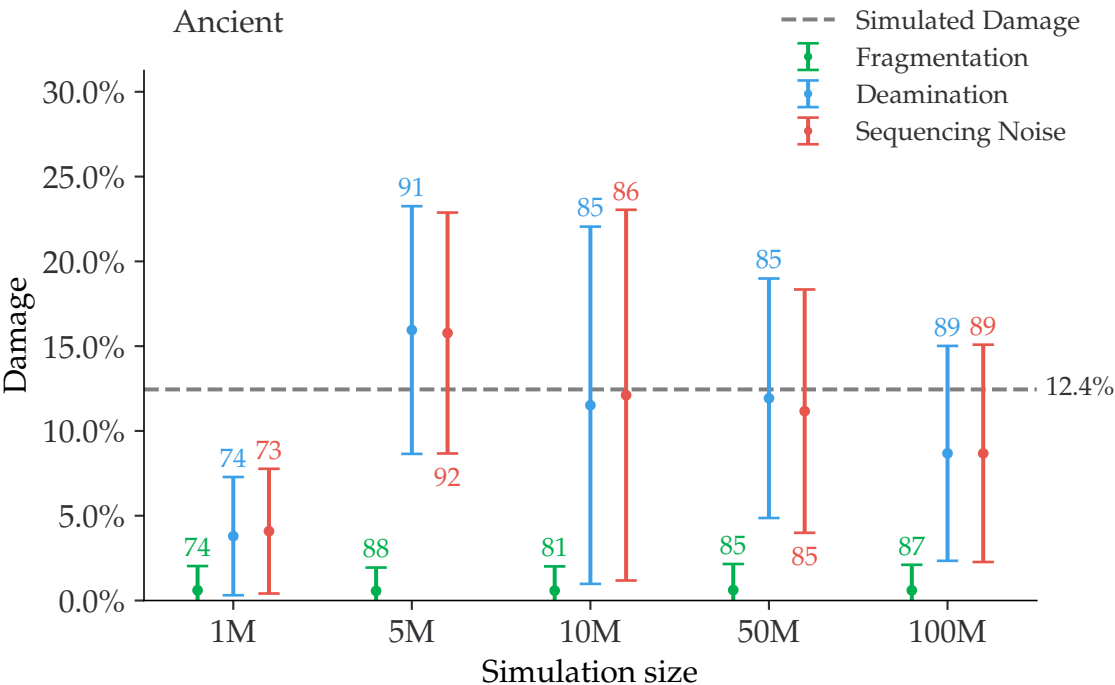
Ancient



Cave-102

Tax ID: 126420, s__Arenimonas terrae

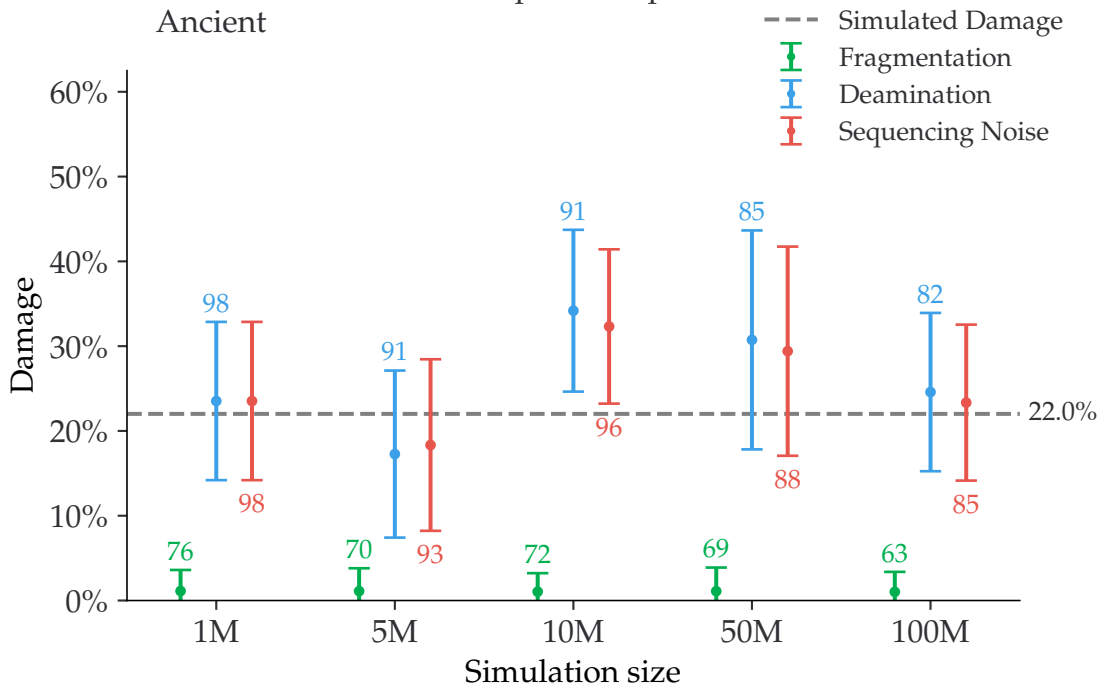
Ancient



Cave-102

Tax ID: 118100, s__Haemophilus_D parainfluenzae_N

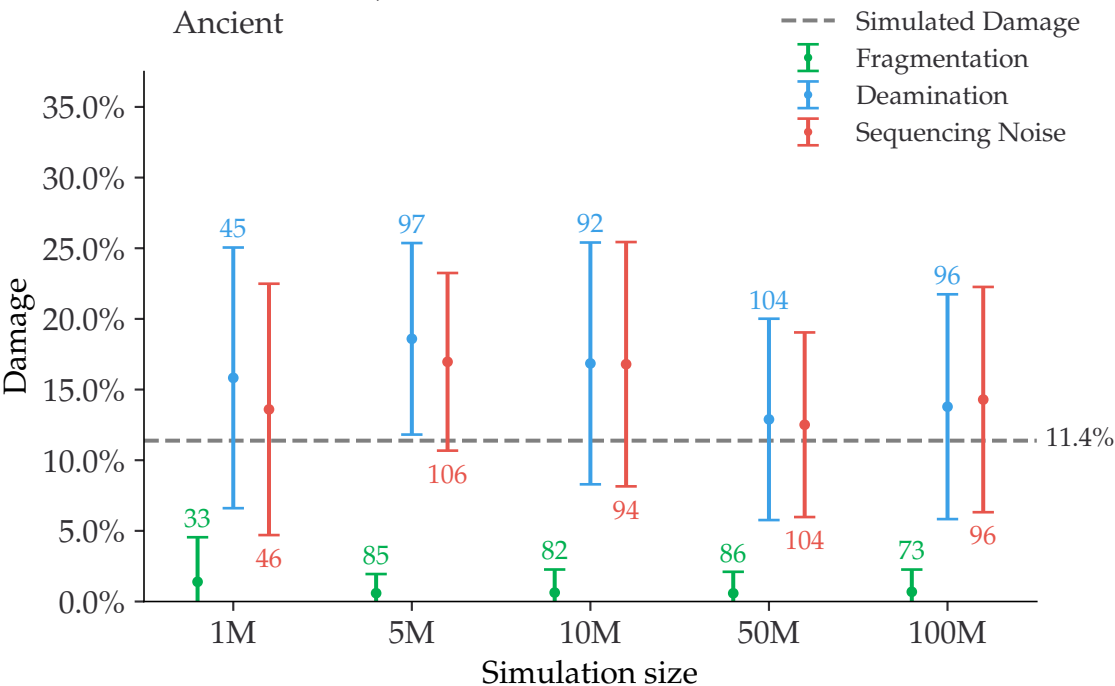
Ancient



Cave-102

Tax ID: 132814, s__Achromobacter insuavis

Ancient

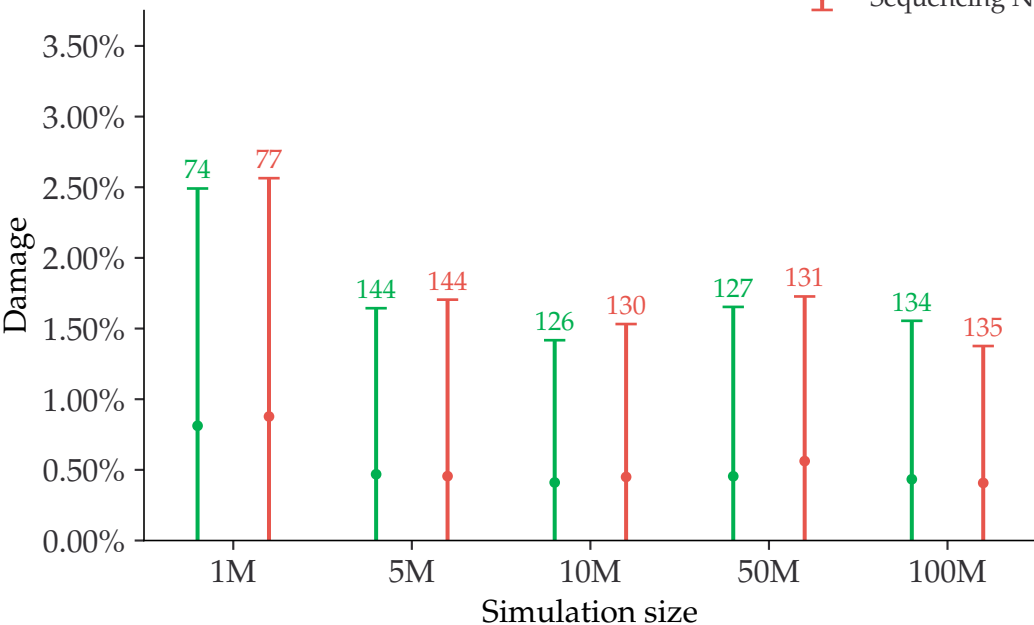


Cave-102

Tax ID: 80314, *s__Ralstonia pickettii_B*

Non-ancient

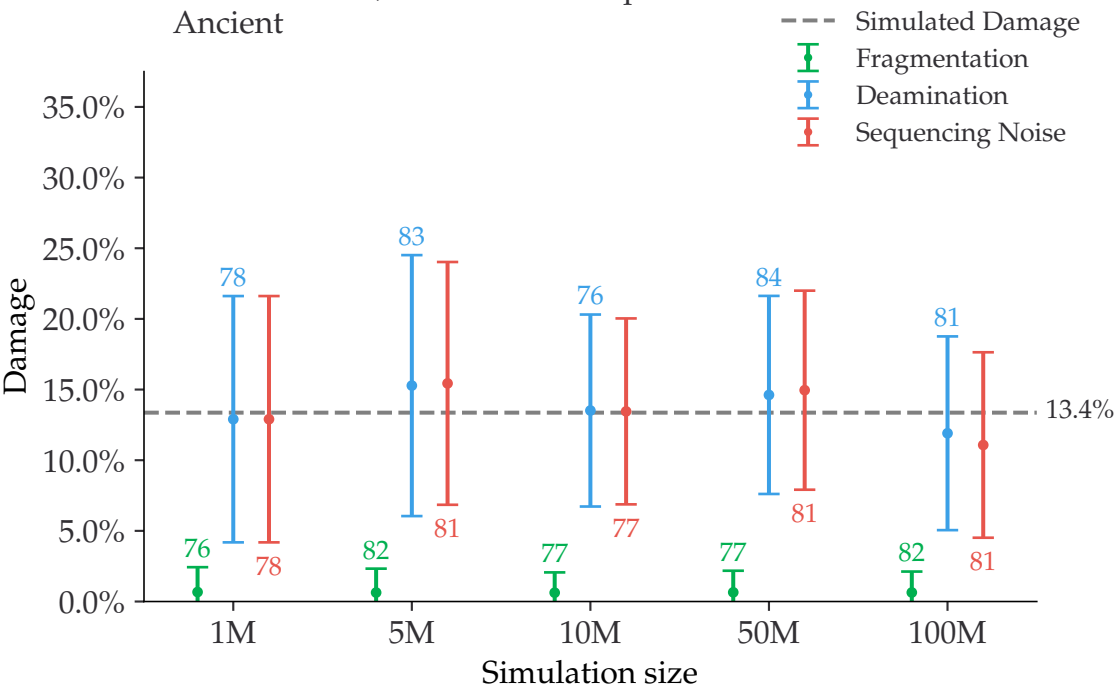
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 111527, s__CAINMN01 sp903850735

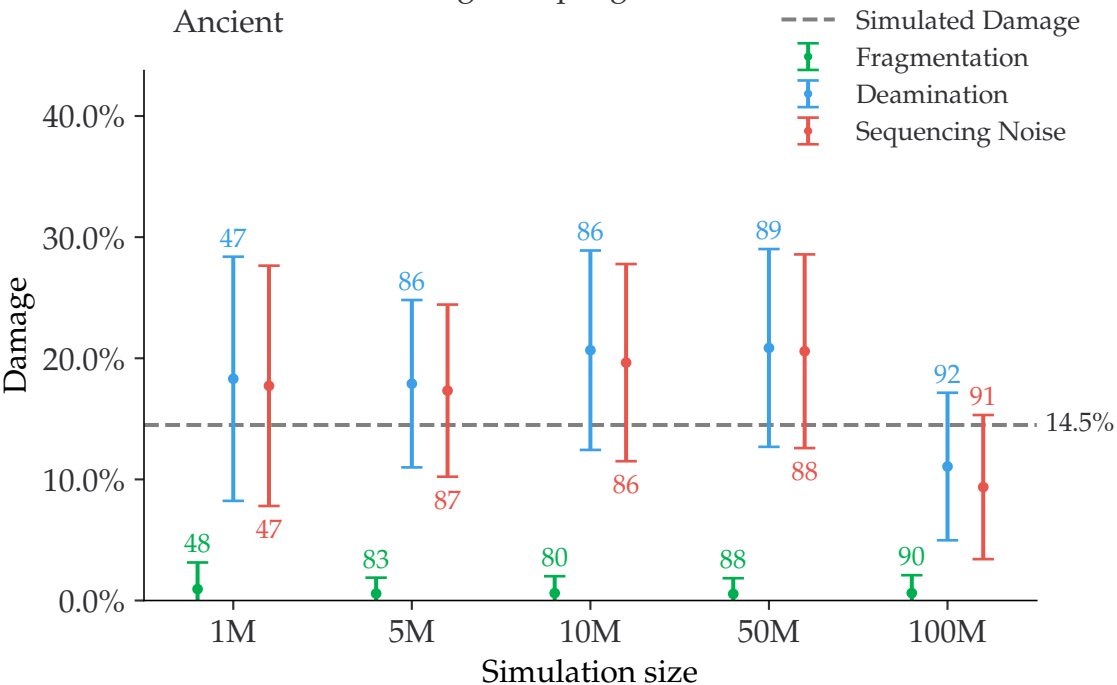
Ancient



Cave-102

Tax ID: 129542, s_Pigmentiphaga litoralis_A

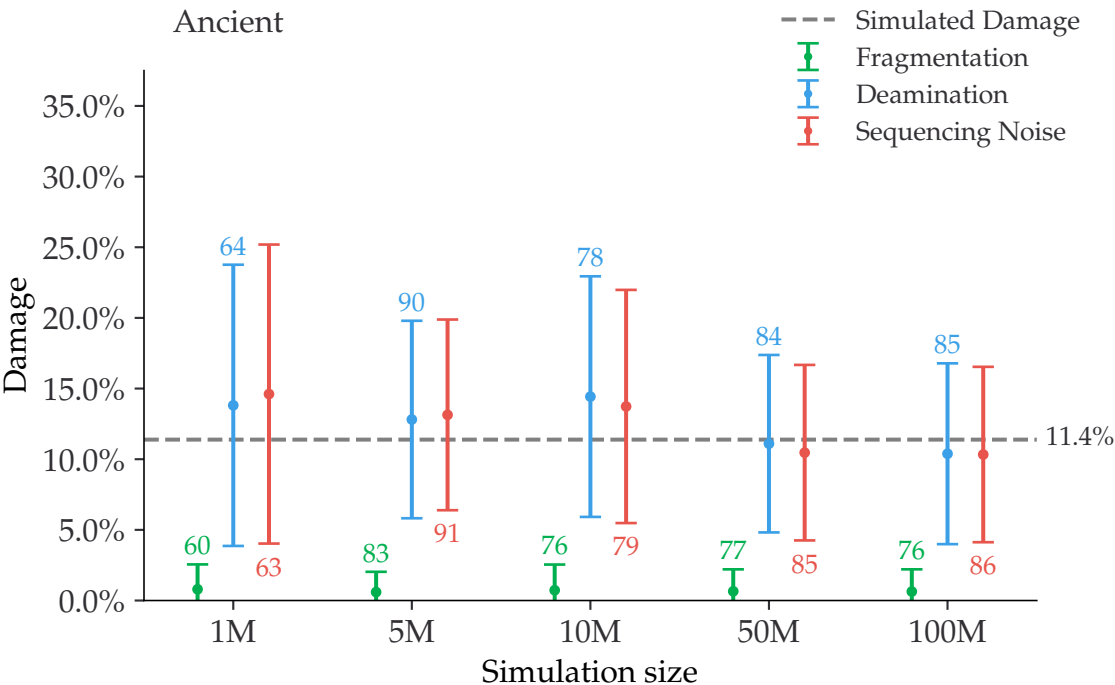
Ancient



Cave-102

Tax ID: 113189, s__Allochrotrium vinosum

Ancient

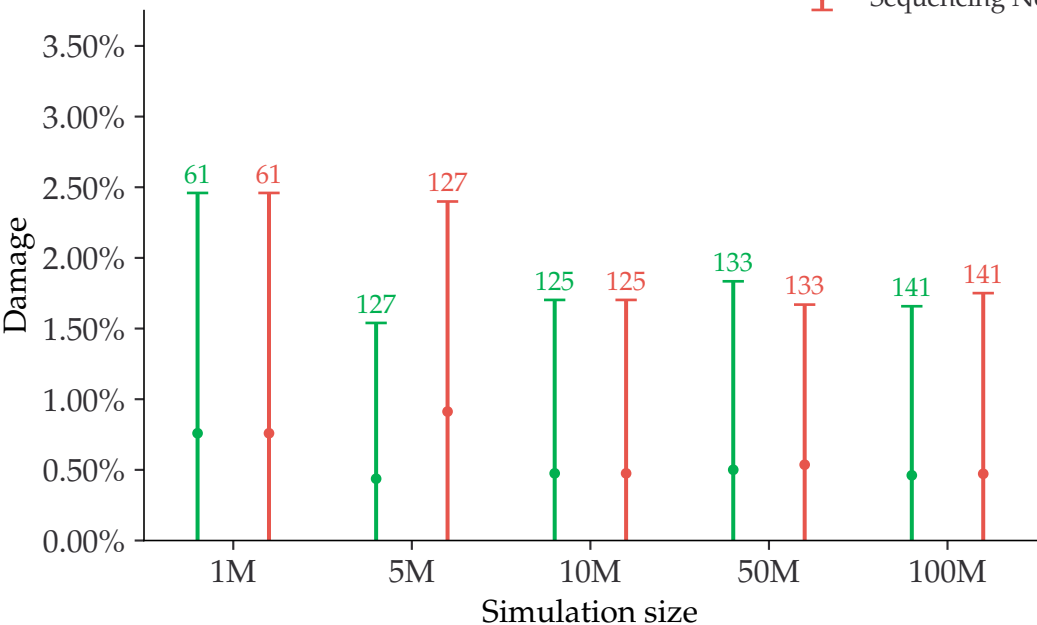


Cave-102

Tax ID: 116510, s__Paraburkholderia ferrariae

Non-ancient

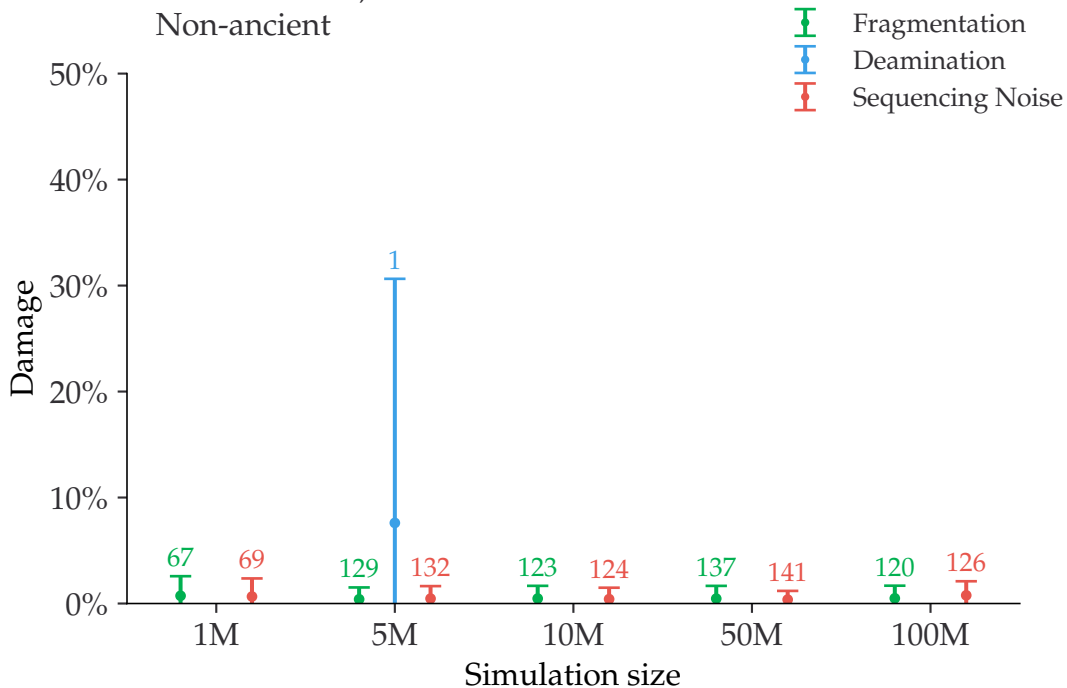
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 119460, s__Achromobacter denitrificans

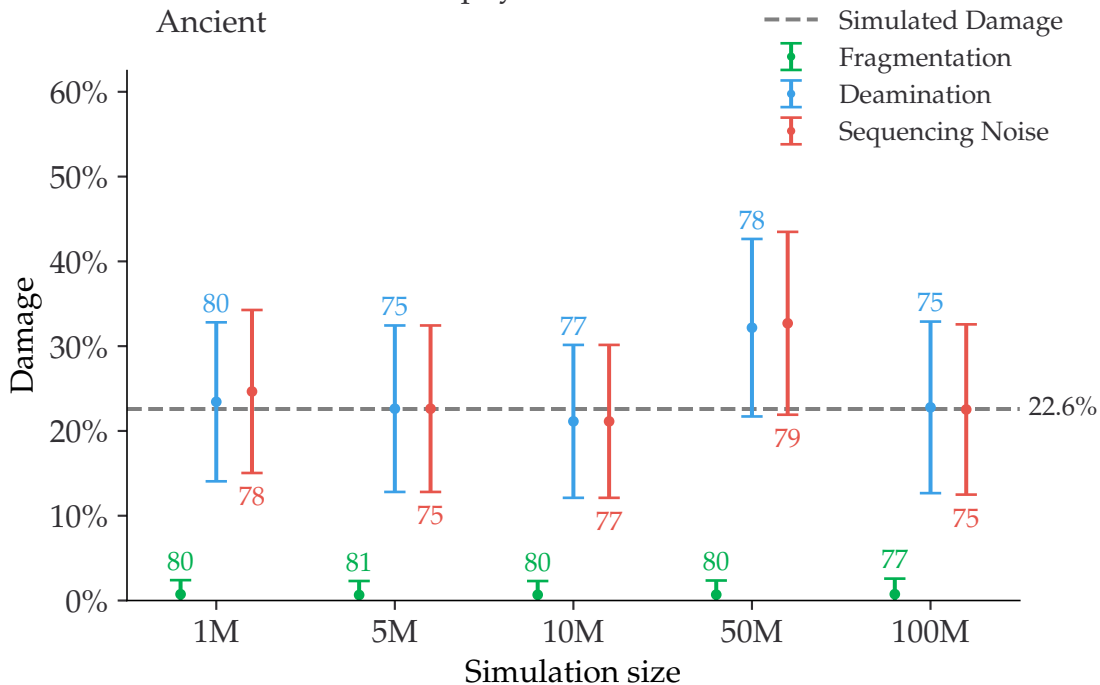
Non-ancient



Cave-102

Tax ID: 114694, s__Porphyromonas catoniae

Ancient

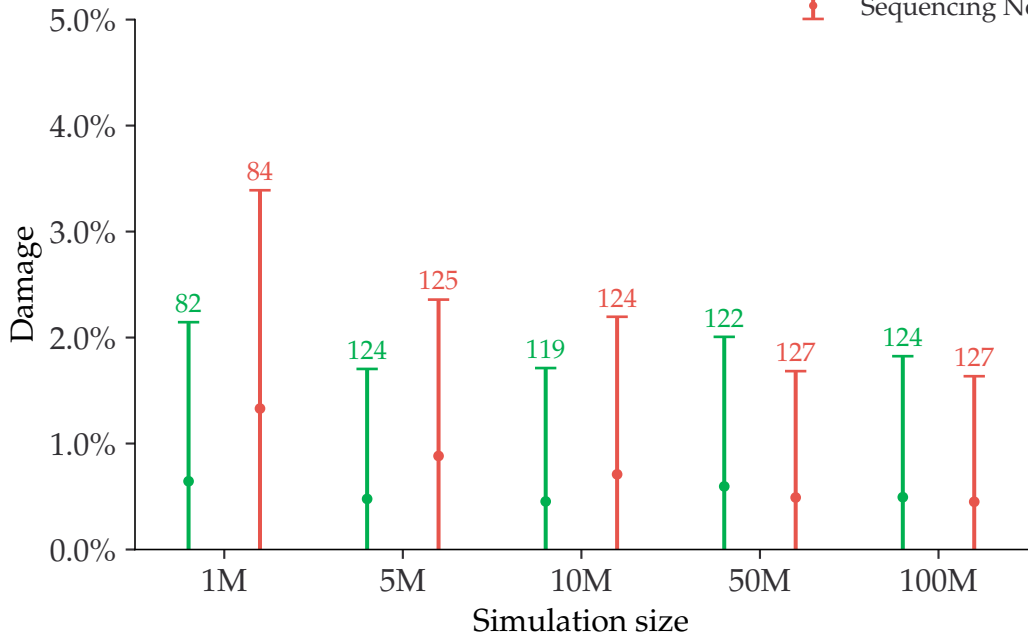


Cave-102

Tax ID: 127398, s__Mesorhizobium terrae

Non-ancient

Fragmentation
Sequencing Noise

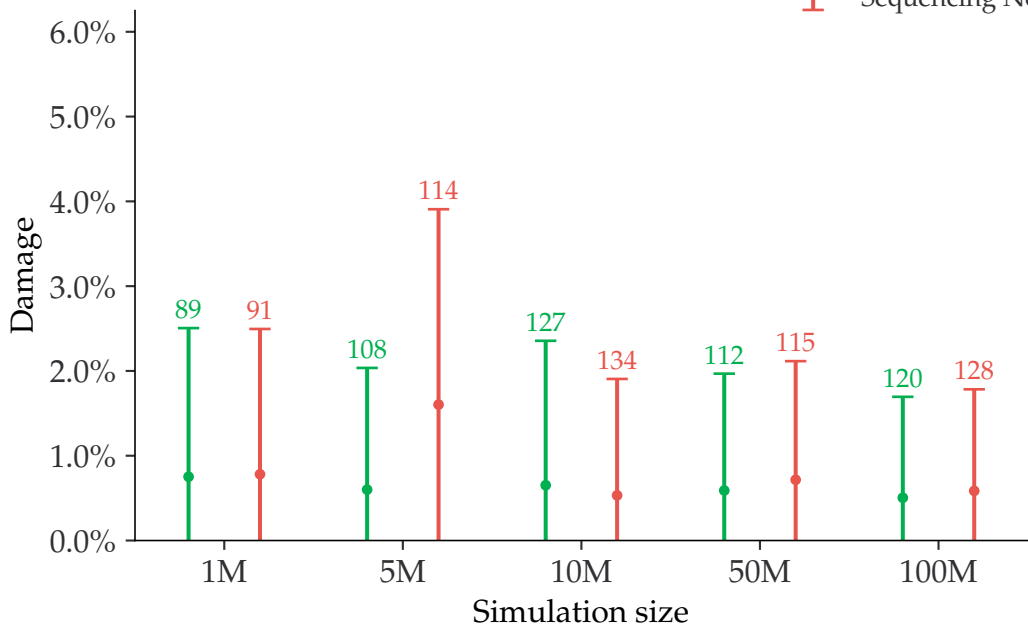


Cave-102

Tax ID: 124618, s__Citrobacter youngae

Non-ancient

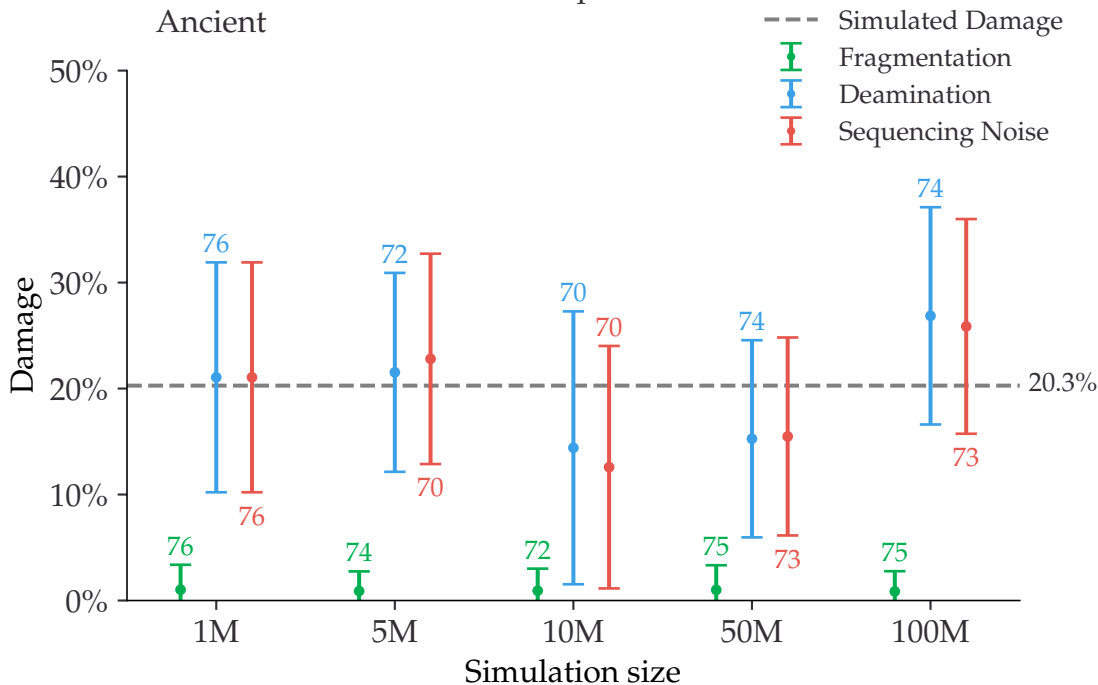
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 106725, s__UMGS973 sp900547295

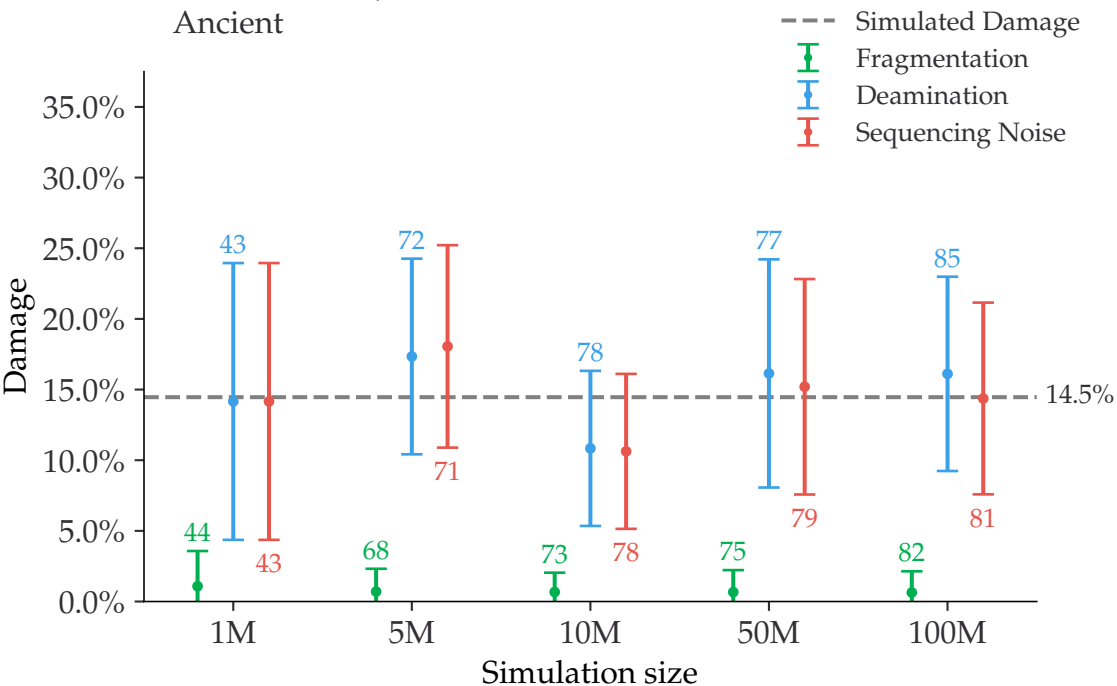
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Cave-102

Tax ID: 123700, s__Paraburkholderia kururiensis_A

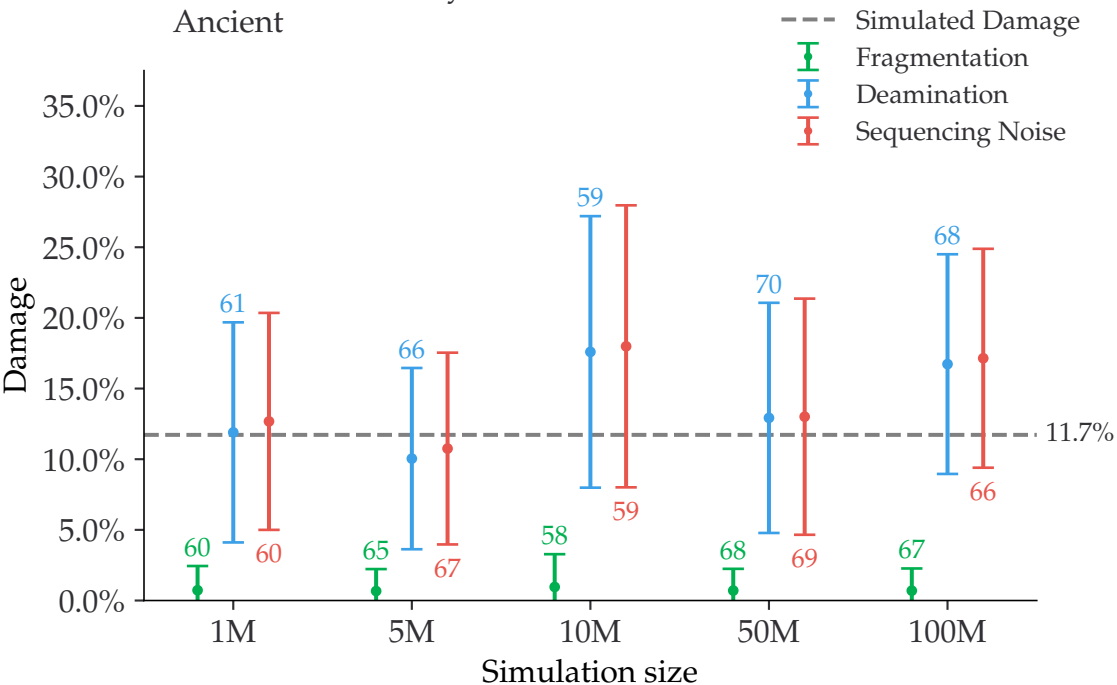
Ancient



Cave-102

Tax ID: 117307, s__Lysobacter_A dokdonensis

Ancient

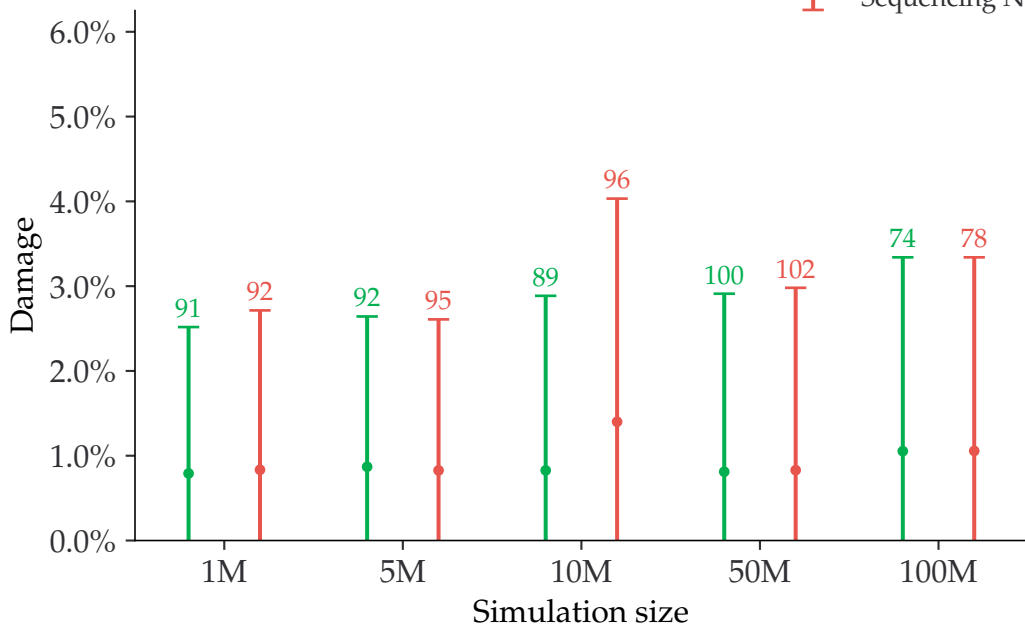


Cave-102

Tax ID: 107069, s__Veillonella sp900552445

Non-ancient

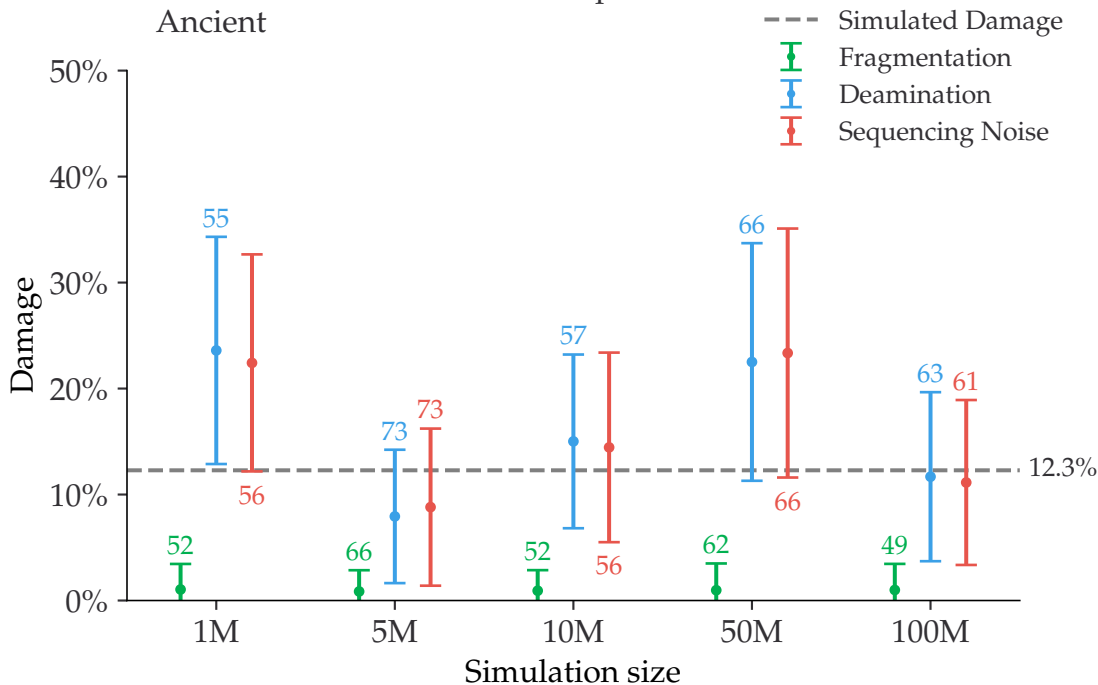
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 107630, s__Olsenella_B sp900768455

Ancient



Cave-102

Tax ID: 127578, s__Halomonas sp009363755

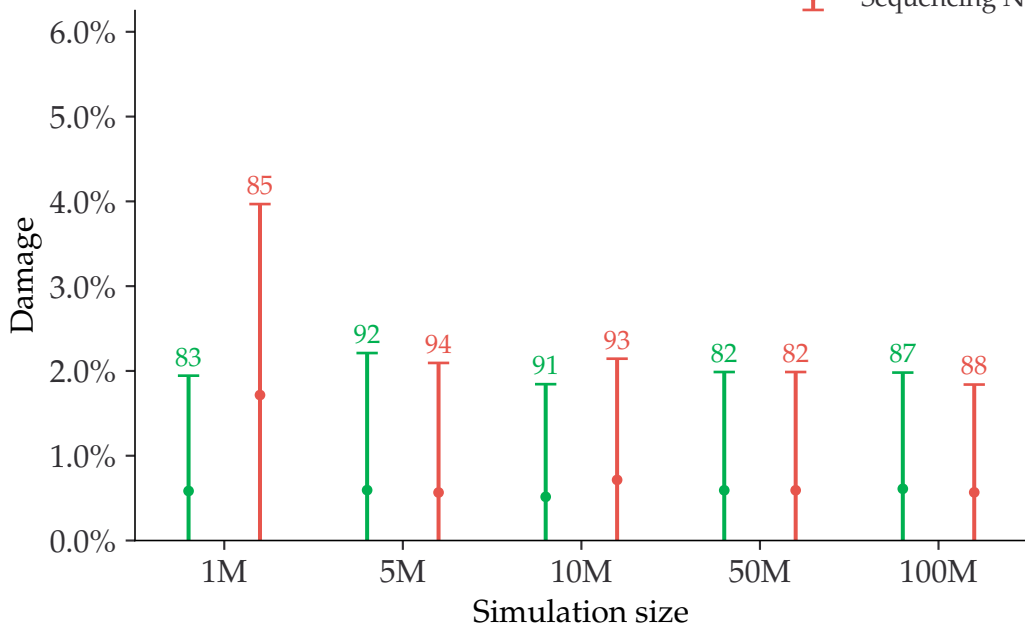
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Fragmentation



Sequencing Noise



Cave-102

Tax ID: 101517, s__Azonexus sp012026885

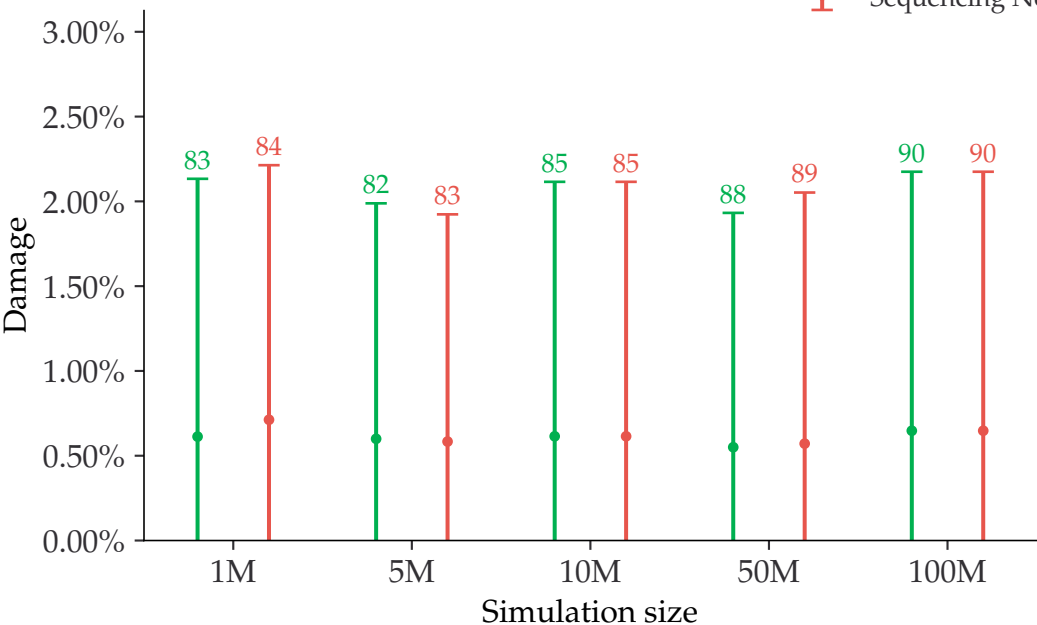
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Fragmentation



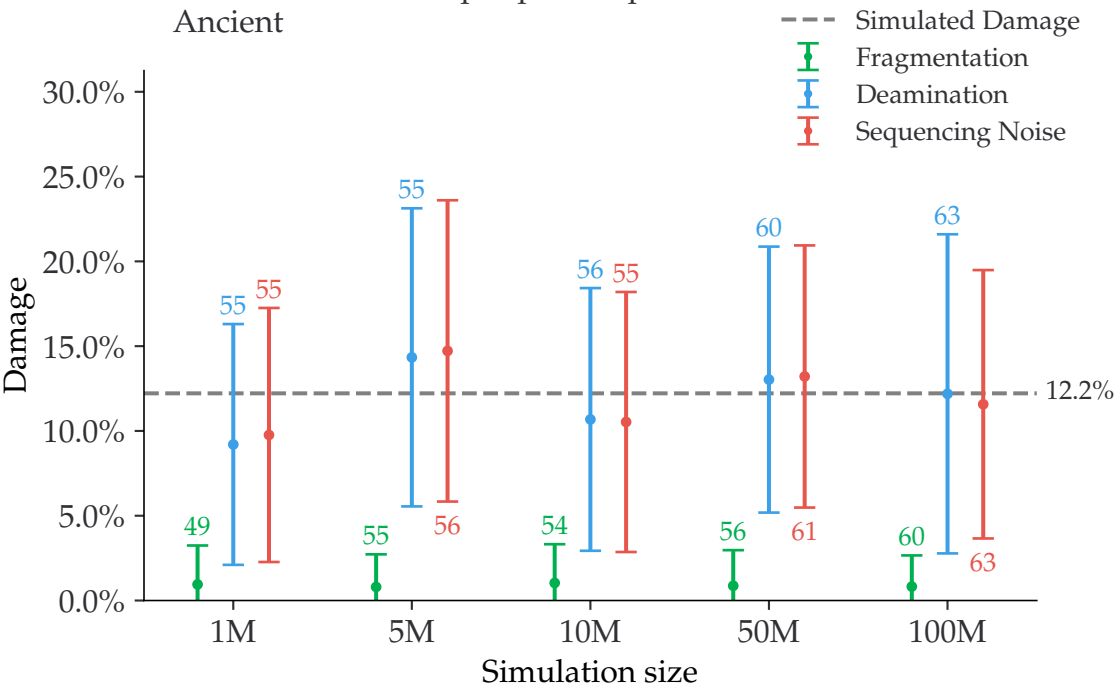
Sequencing Noise



Cave-102

Tax ID: 126678, s__Tepidiphilus sp006980785

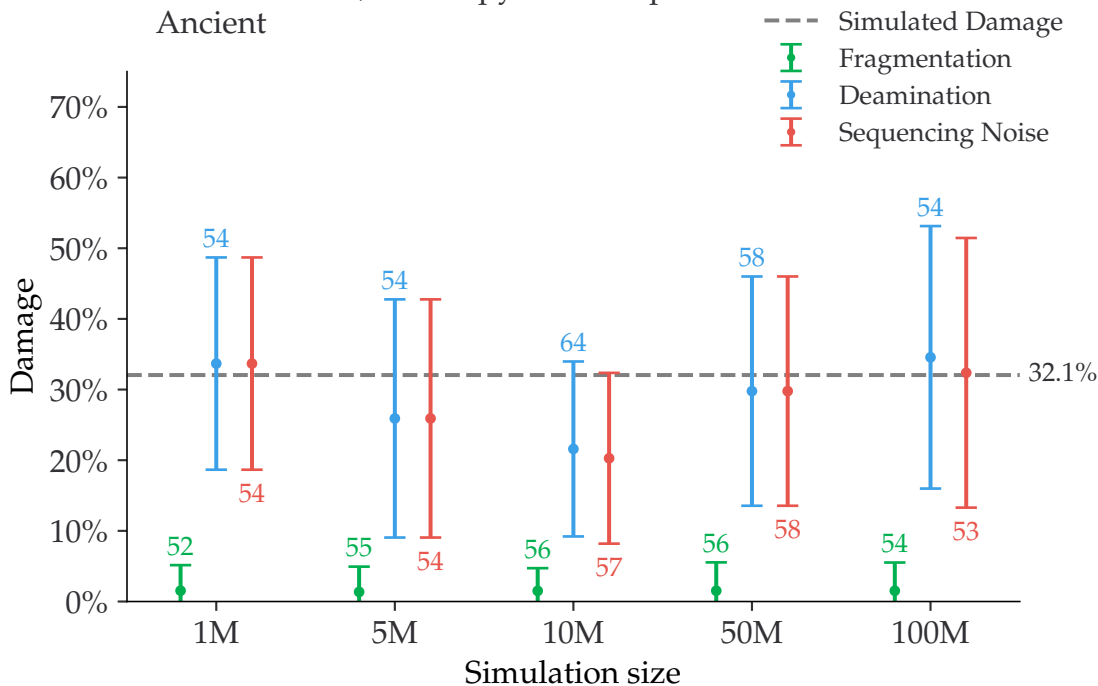
Ancient



Cave-102

Tax ID: 121157, s__Campylobacter sp002139855

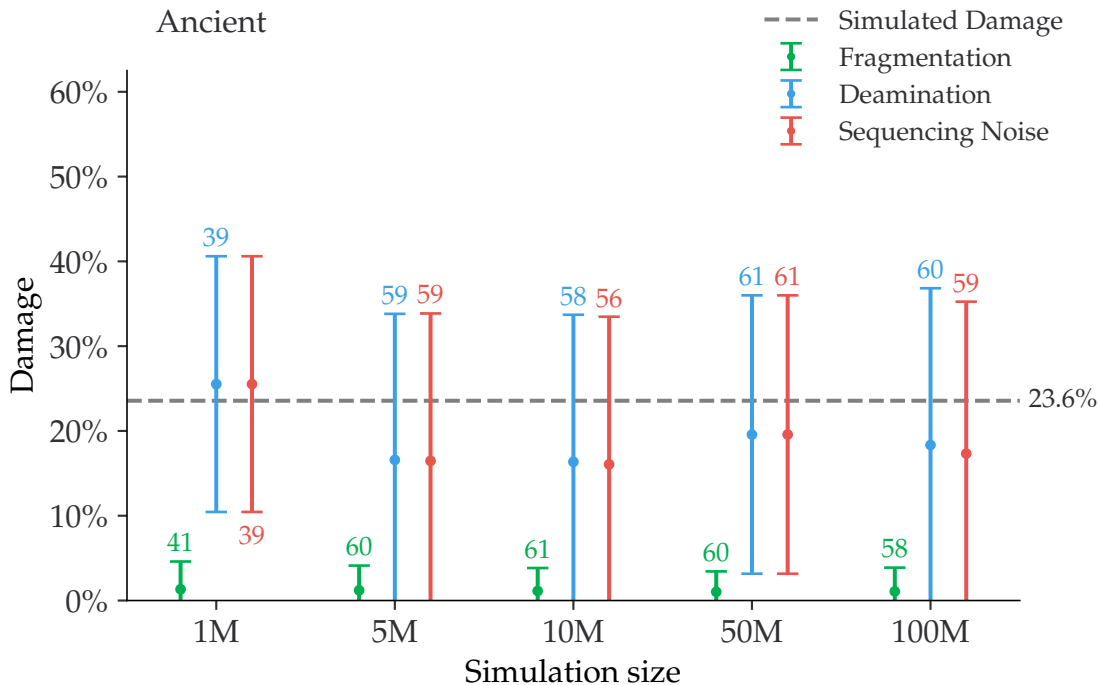
Ancient



Cave-102

Tax ID: 80931, s__Barnesiella viscericola

Ancient

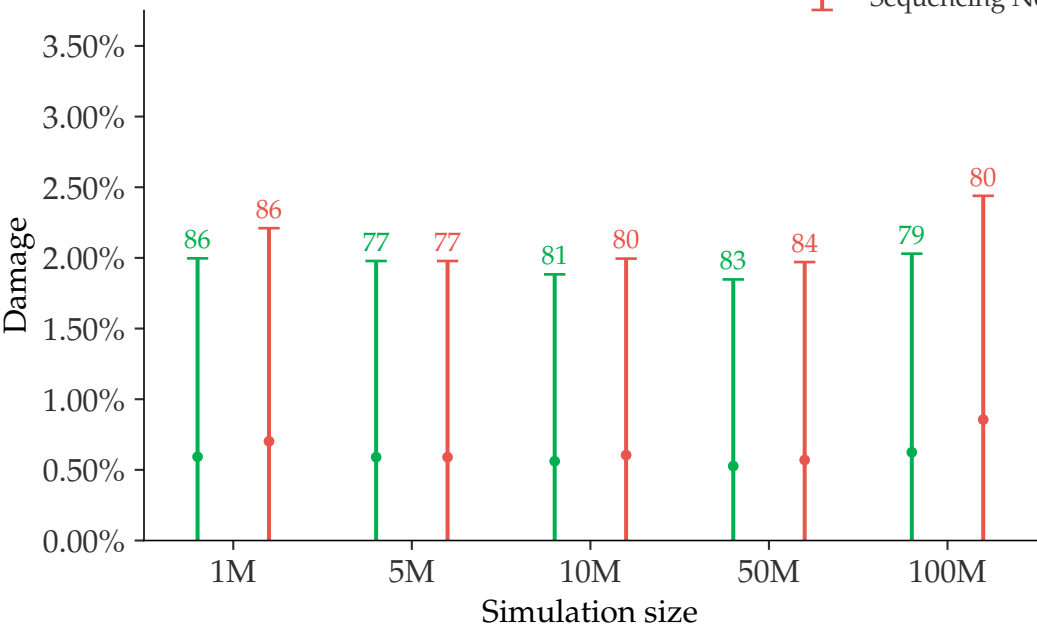


Cave-102

Tax ID: 114016, s__Pseudoxanthomonas_A spadix

Non-ancient

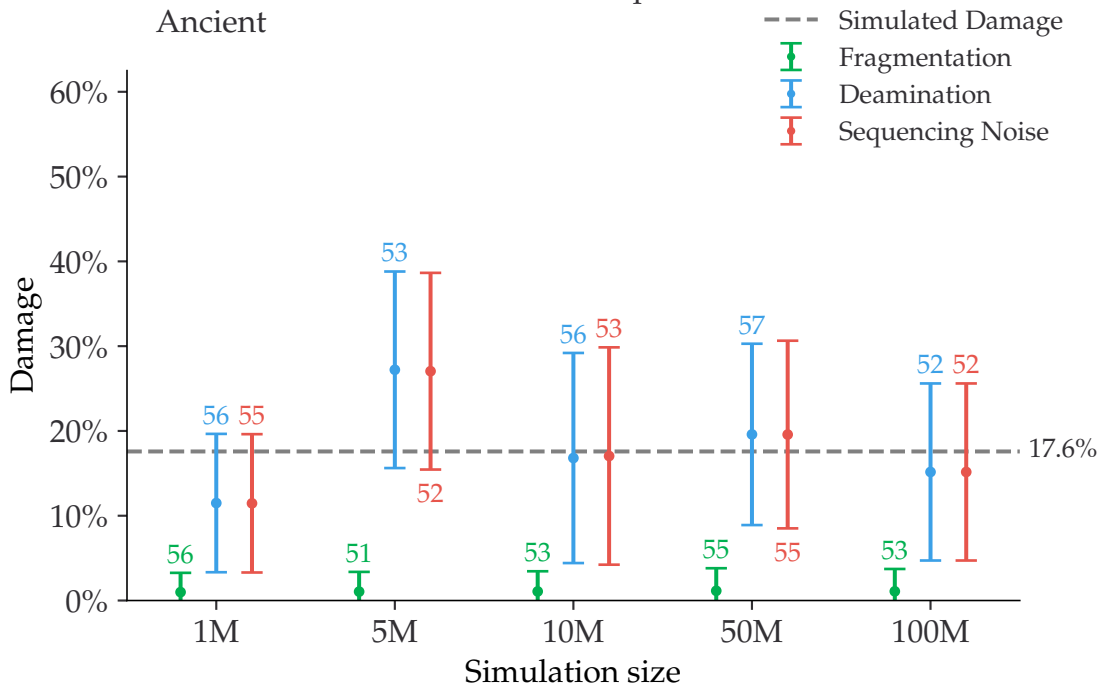
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 128104, s__Nitrosomonas sp009833125

Ancient

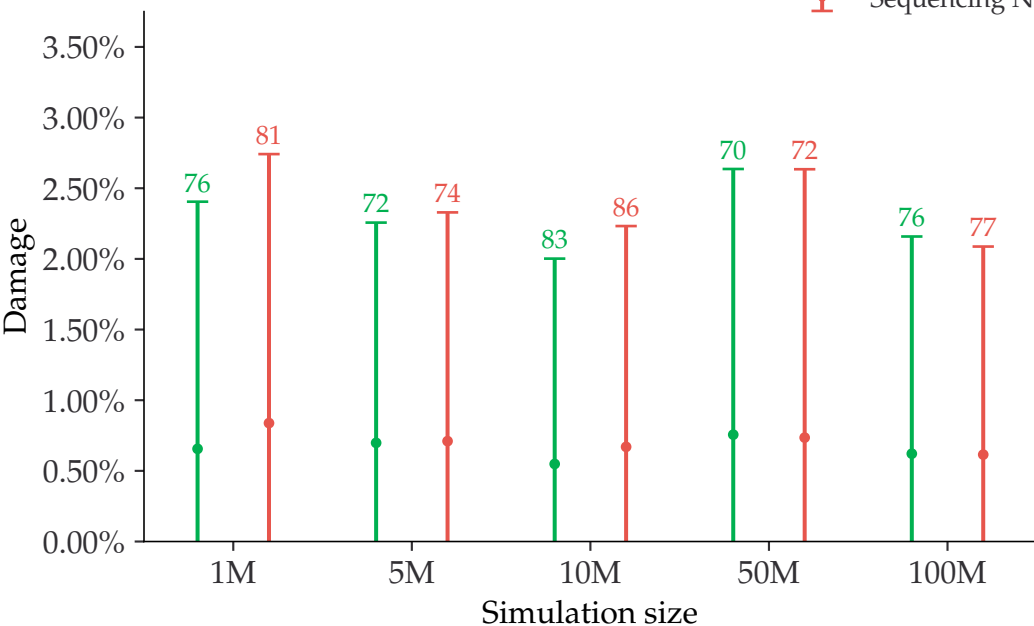


Cave-102

Tax ID: 117778, s__Paracoccus marcusii

Non-ancient

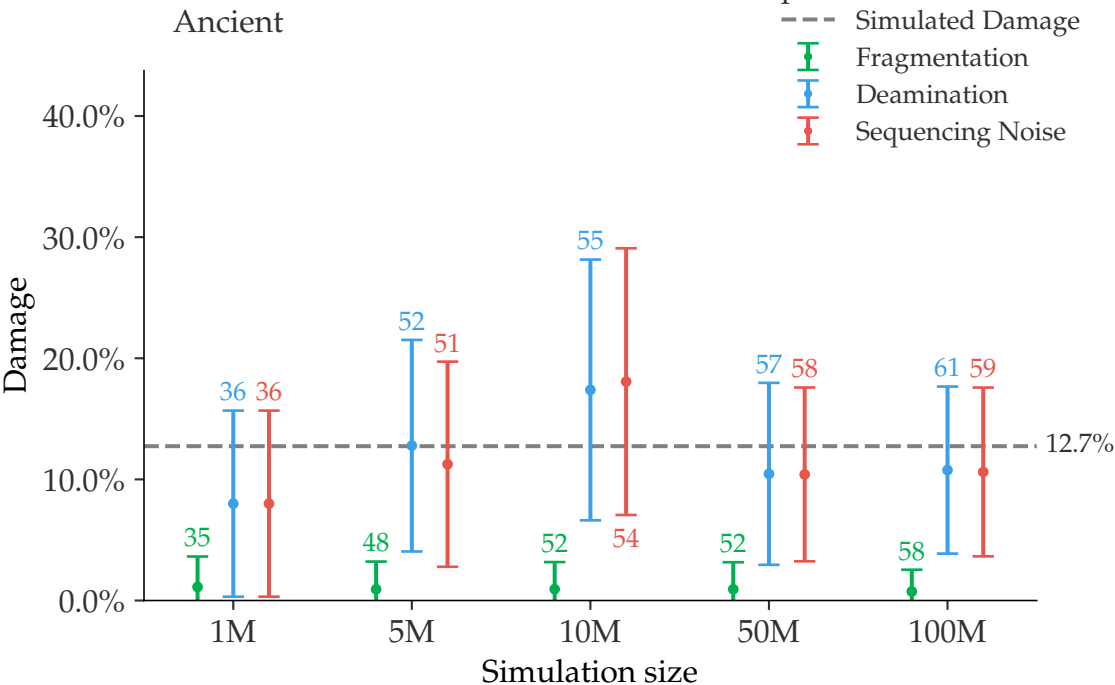
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 125354, s__Pseudoxanthomonas_A spadix_A

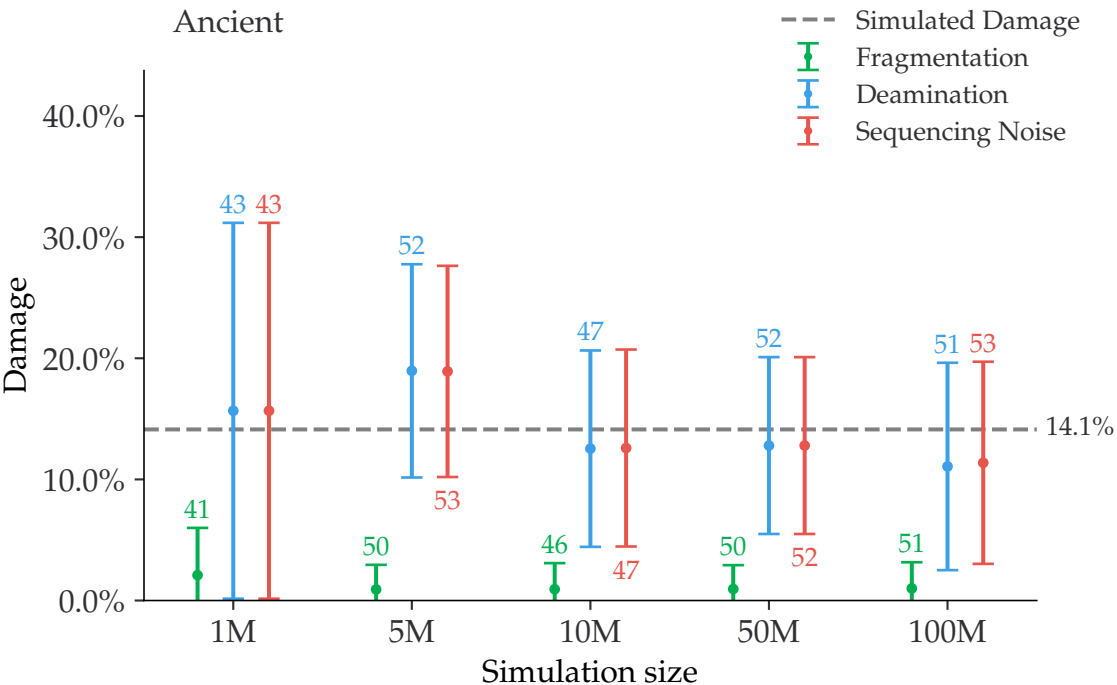
Ancient



Cave-102

Tax ID: 76194, s__Caballeronia calva

Ancient

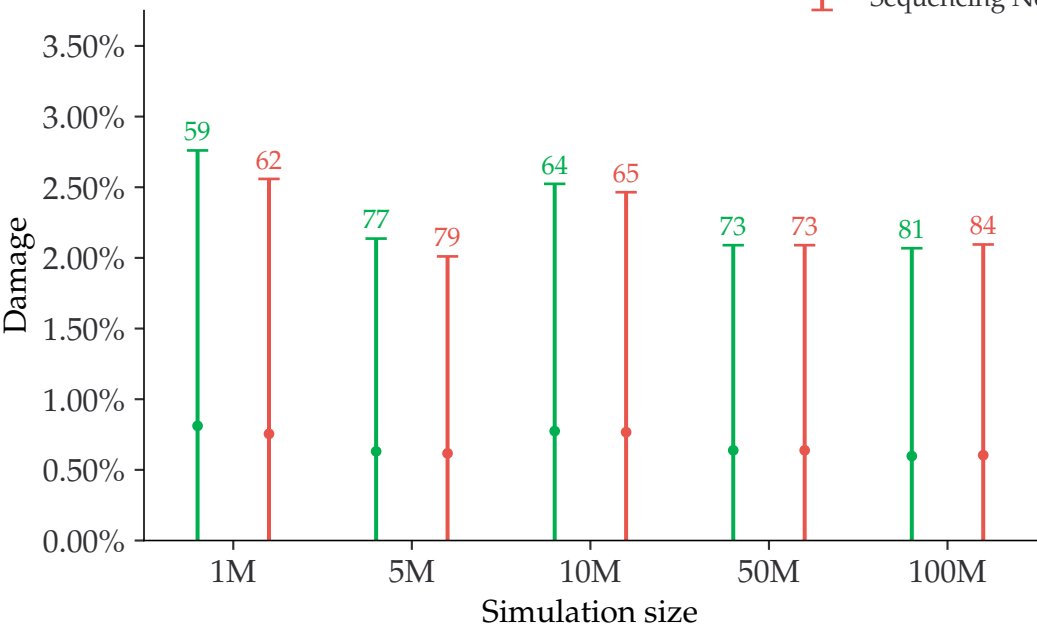


Cave-102

Tax ID: 118654, s__Methylobacterium sp001422375

Non-ancient

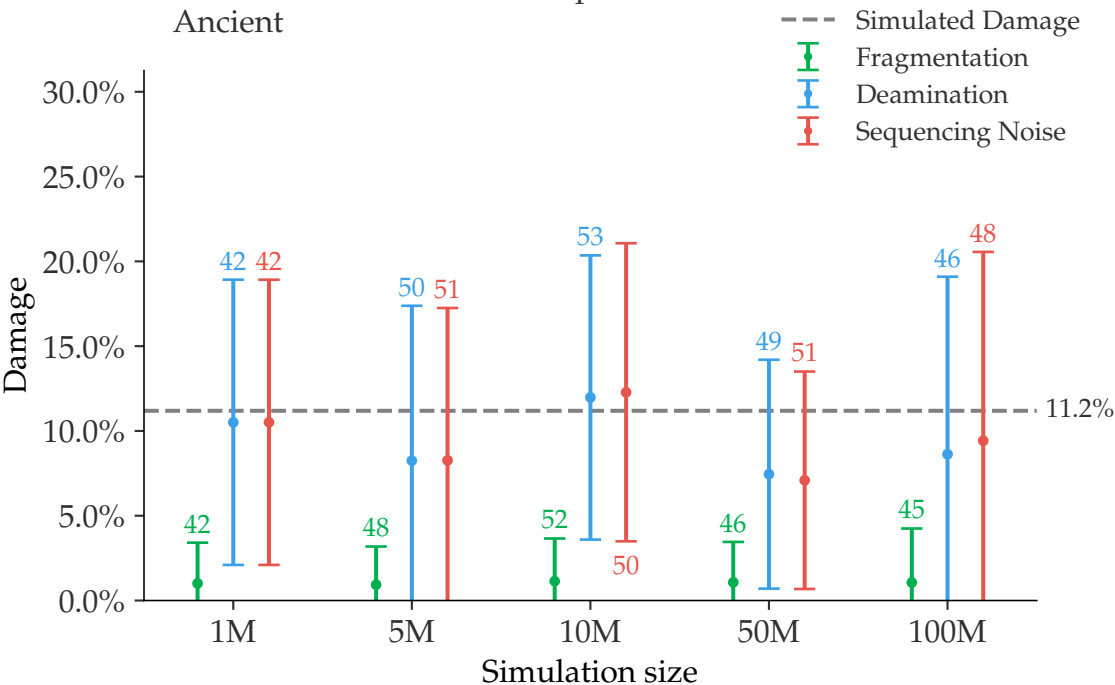
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 87159, *s__Azonexus* sp002842145

Ancient



Cave-102

Tax ID: 80191, *s__Flavobacterium frigidimaris*

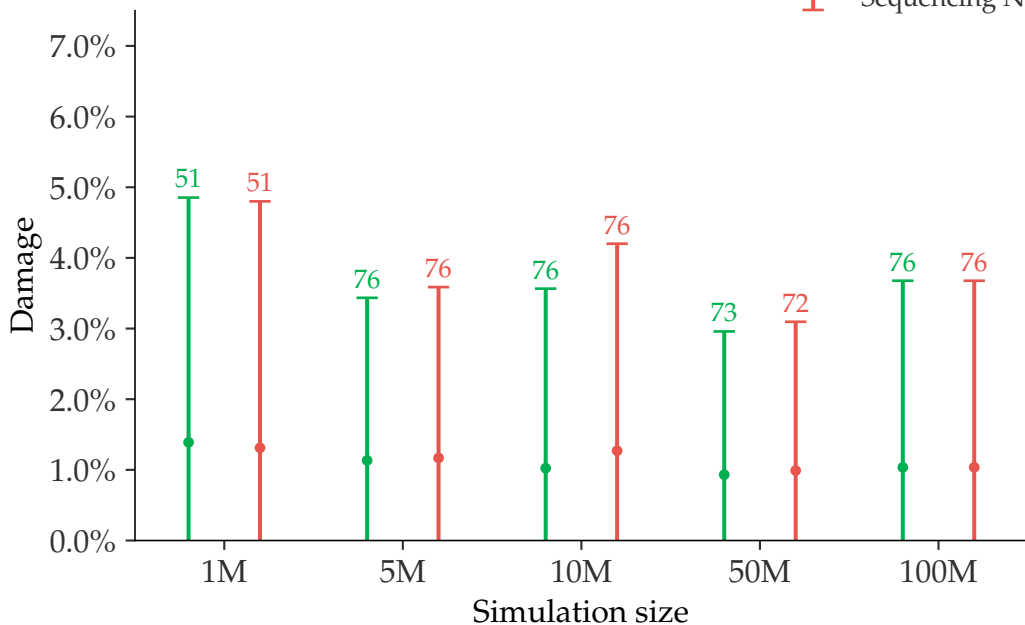
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Fragmentation



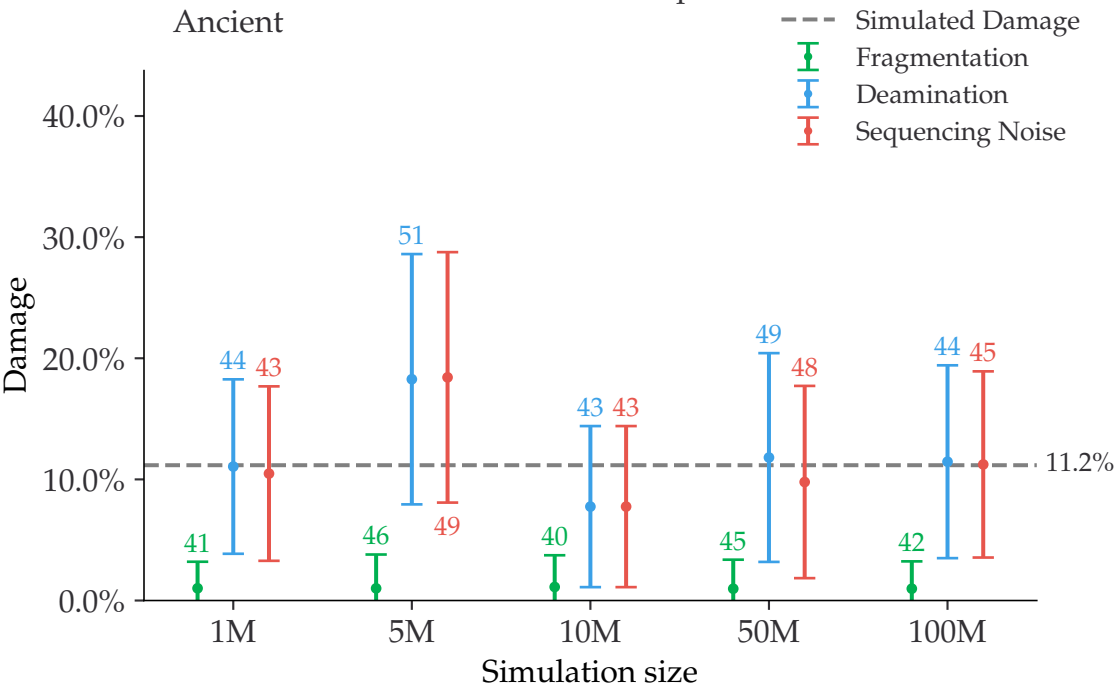
Sequencing Noise



Cave-102

Tax ID: 115094, s__Thioalkalivibrio sp000377405

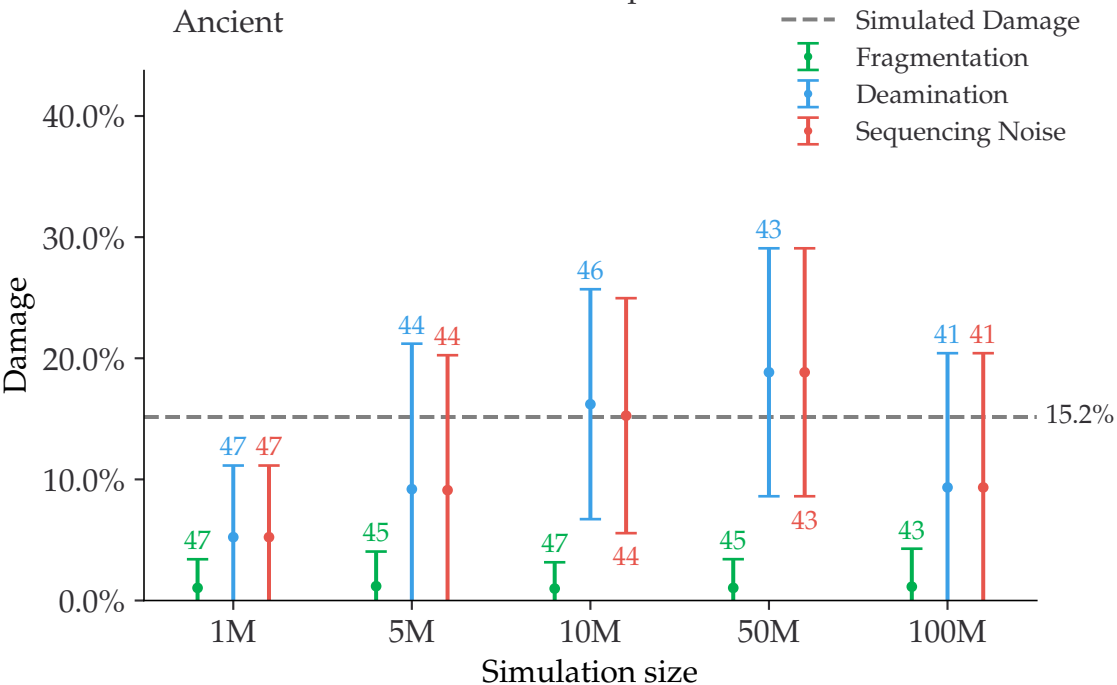
Ancient



Cave-102

Tax ID: 82057, *s__Sulfurivermis* sp002376325

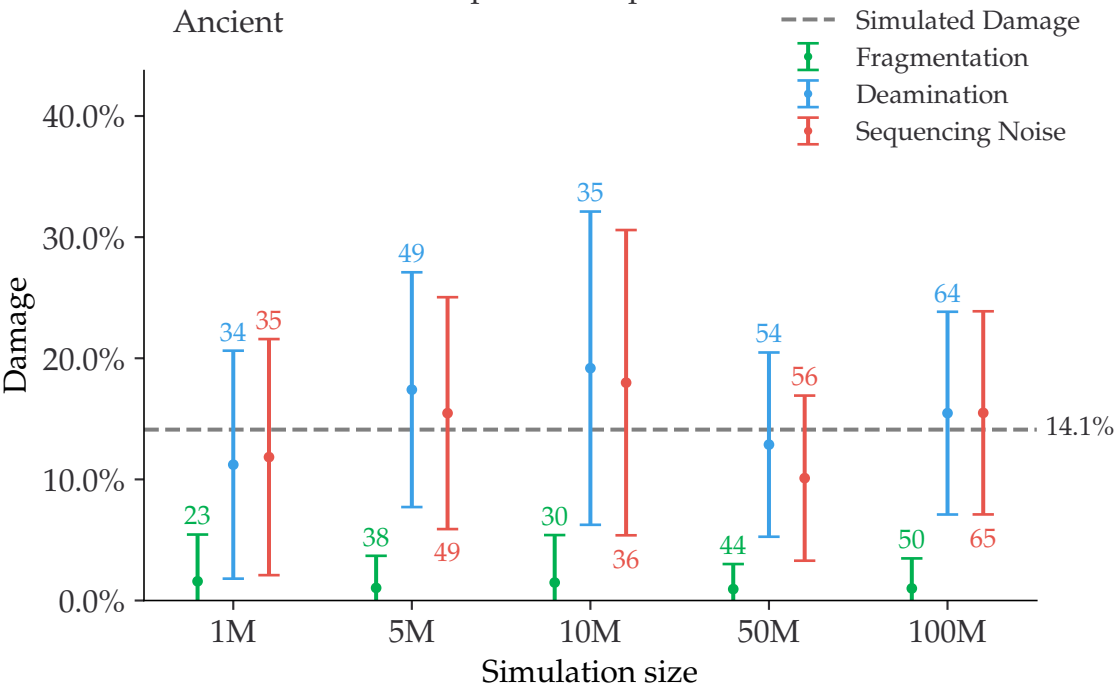
Ancient



Cave-102

Tax ID: 103855, s__Cupriavidus sp013361545

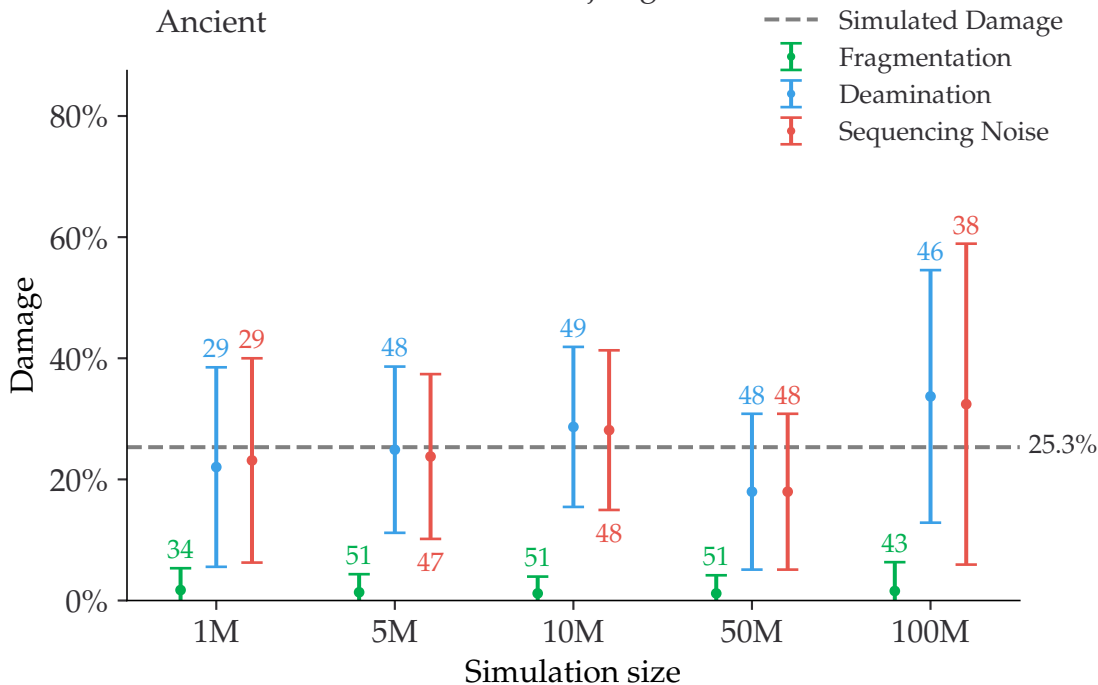
Ancient



Cave-102

Tax ID: 119681, s__Microbacter jiangxiensis

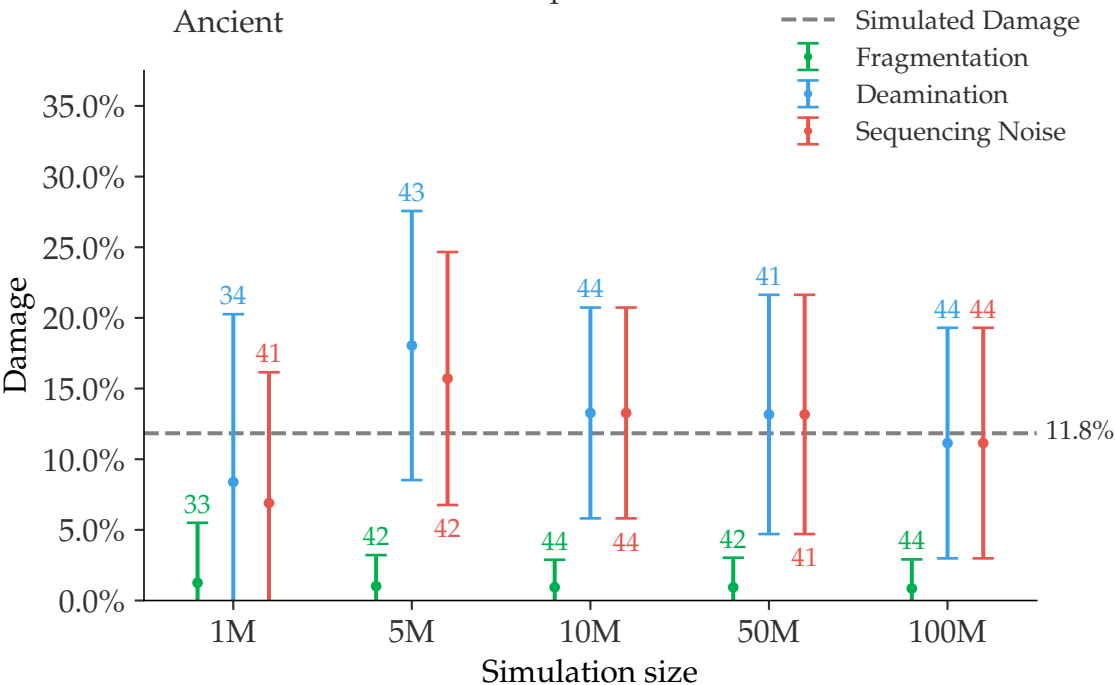
Ancient



Cave-102

Tax ID: 98302, s__SKTG01 sp007121785

Ancient



Cave-102

Tax ID: 123028, s__Cupriavidus alkaliphilus

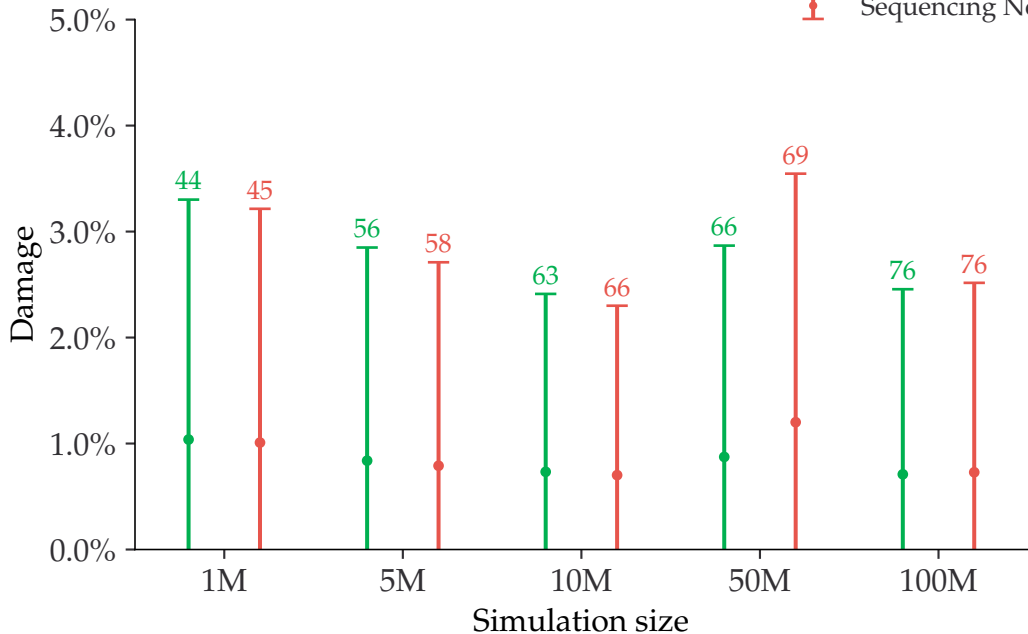
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Fragmentation



Sequencing Noise

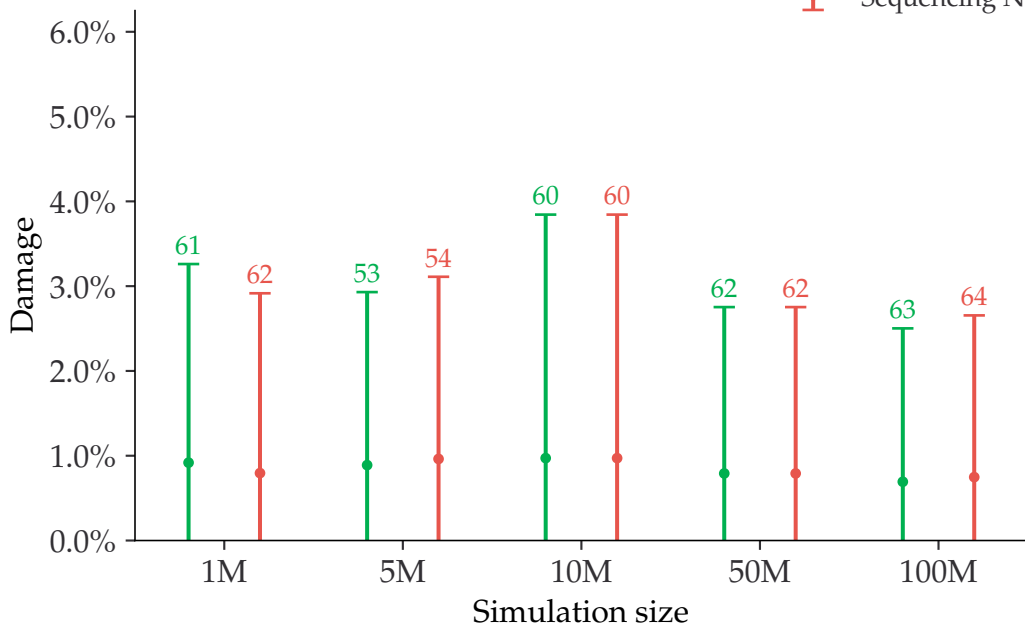


Cave-102

Tax ID: 82905, s__Rhodoferax sp002422455

Non-ancient

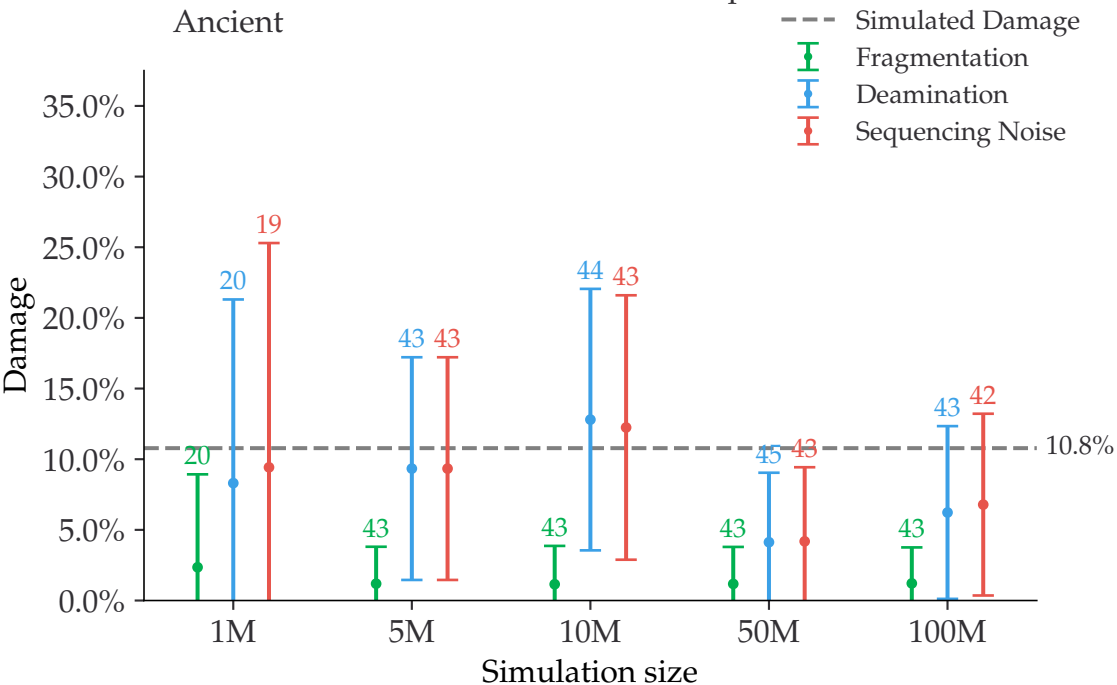
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 119055, s__Lacimicrobium alkaliphilum_B

Ancient



Cave-102

Tax ID: 129095, s__Novosphingobium sp014200275

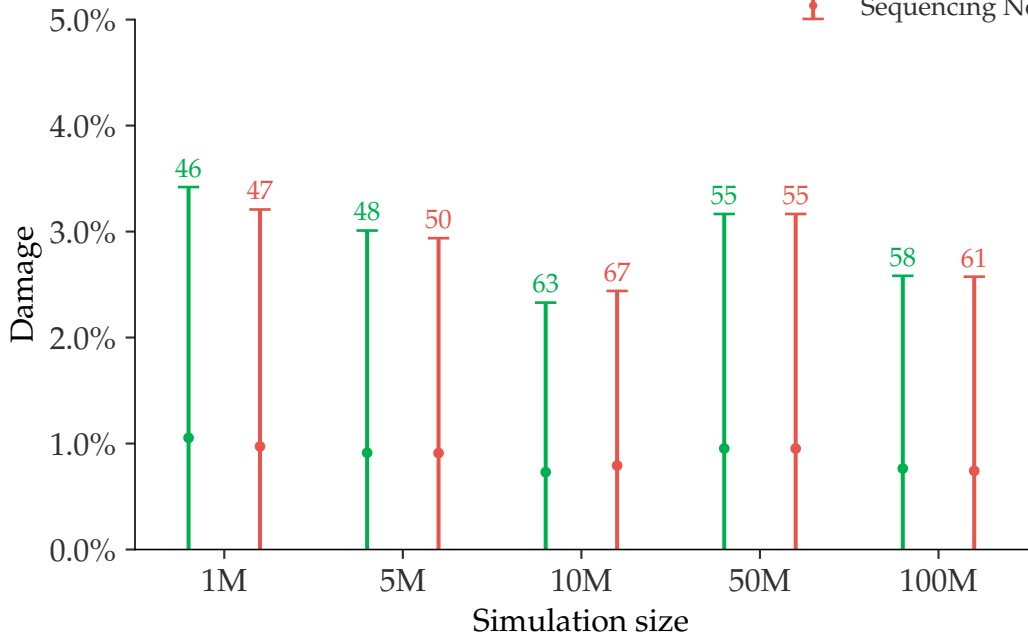
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Fragmentation



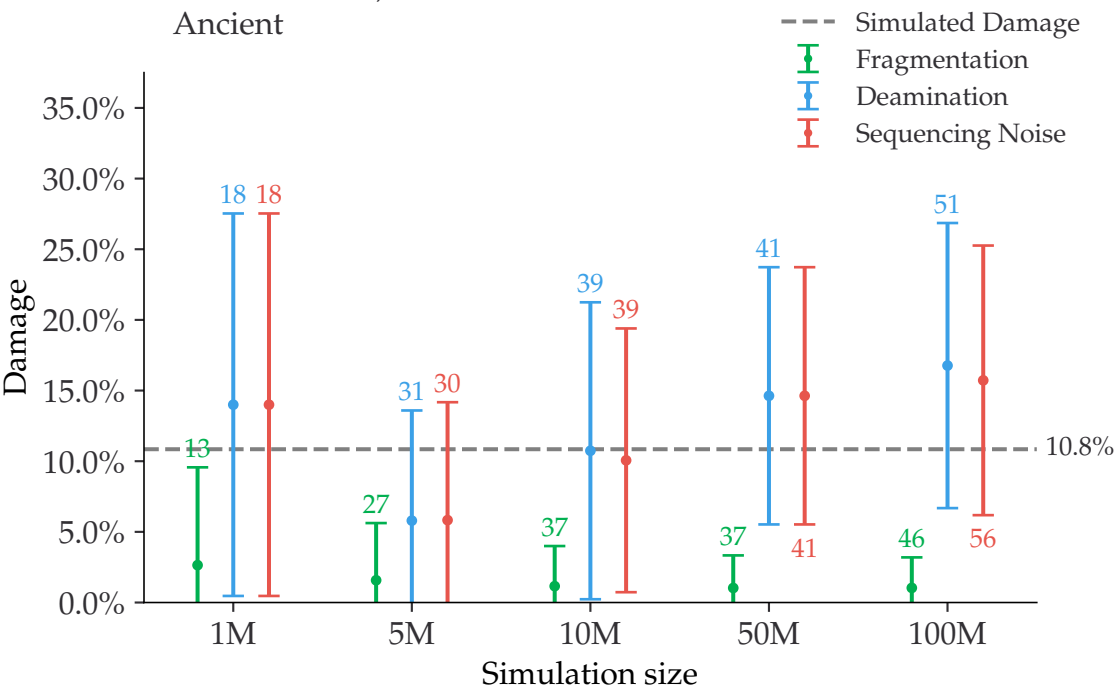
Sequencing Noise



Cave-102

Tax ID: 132808, s__Burkholderia metallica

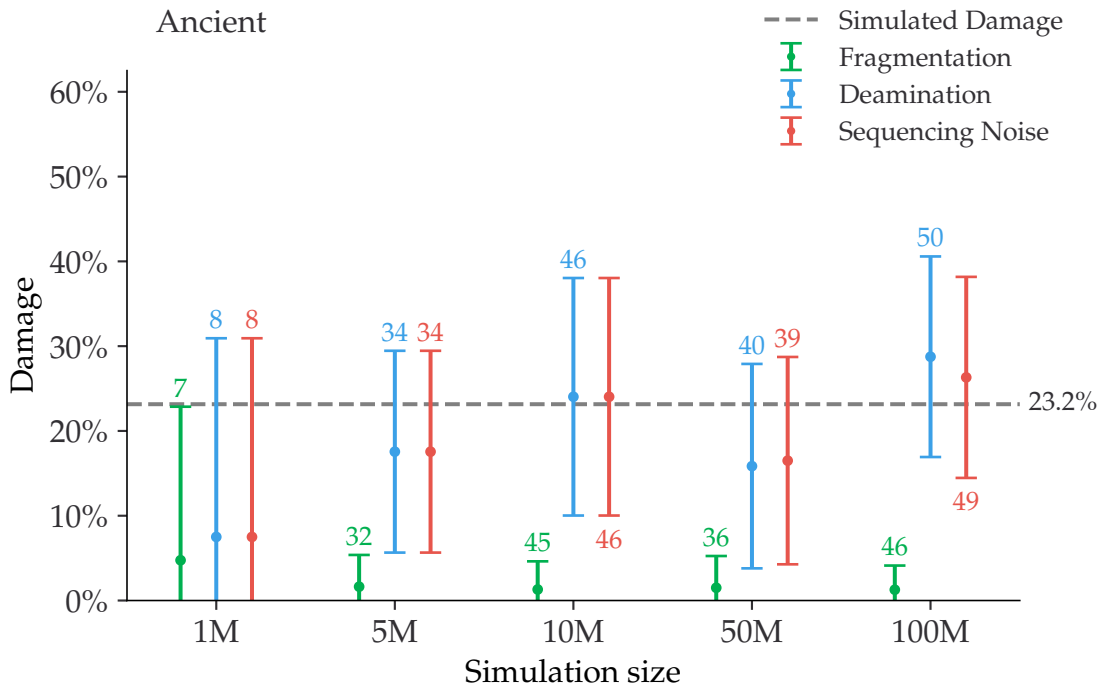
Ancient



Cave-102

Tax ID: 72420, *s__Parabacteroides distasonis*

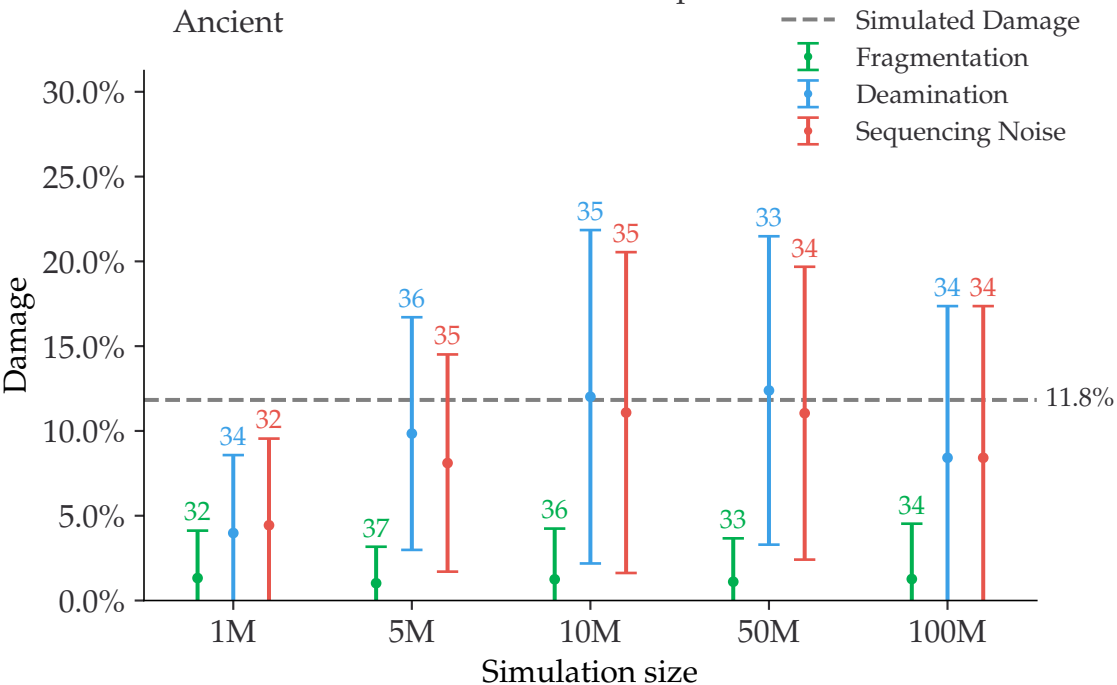
Ancient



Cave-102

Tax ID: 92754, *s__Halochromatium* sp003562815

Ancient

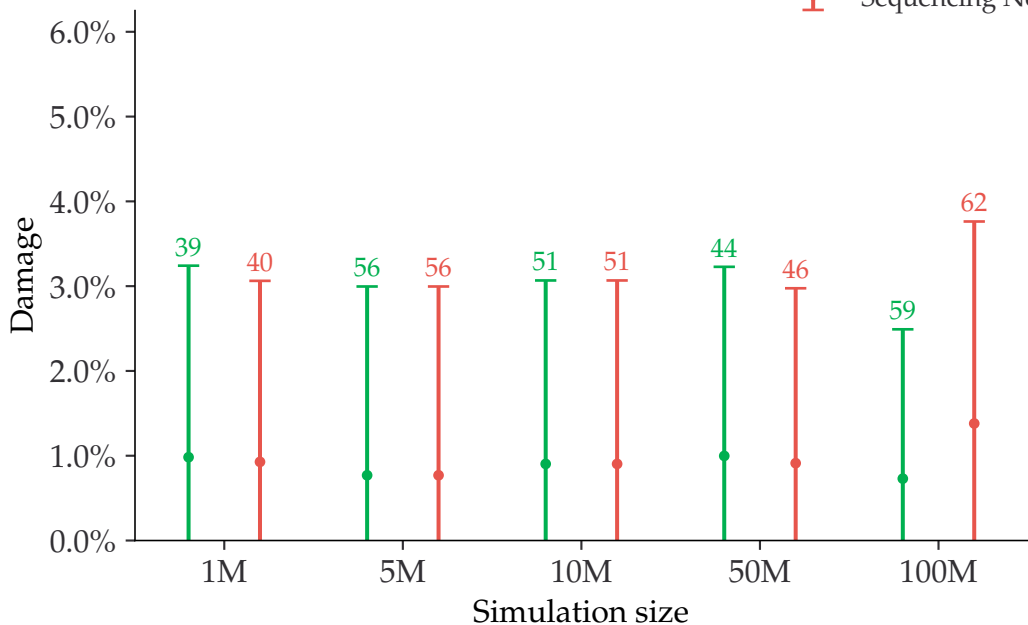


Cave-102

Tax ID: 106162, s__Bosea sp900466745

Non-ancient

Fragmentation
Sequencing Noise



Cave-102

Tax ID: 119671, s__Rhodanobacter sp001617365

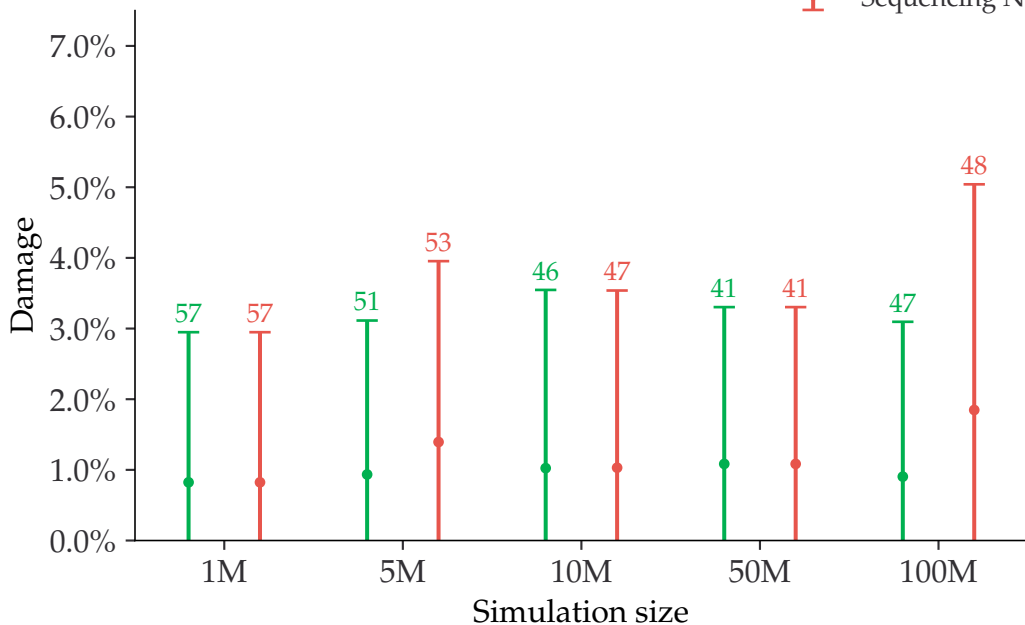
Non-ancient



Fragmentation



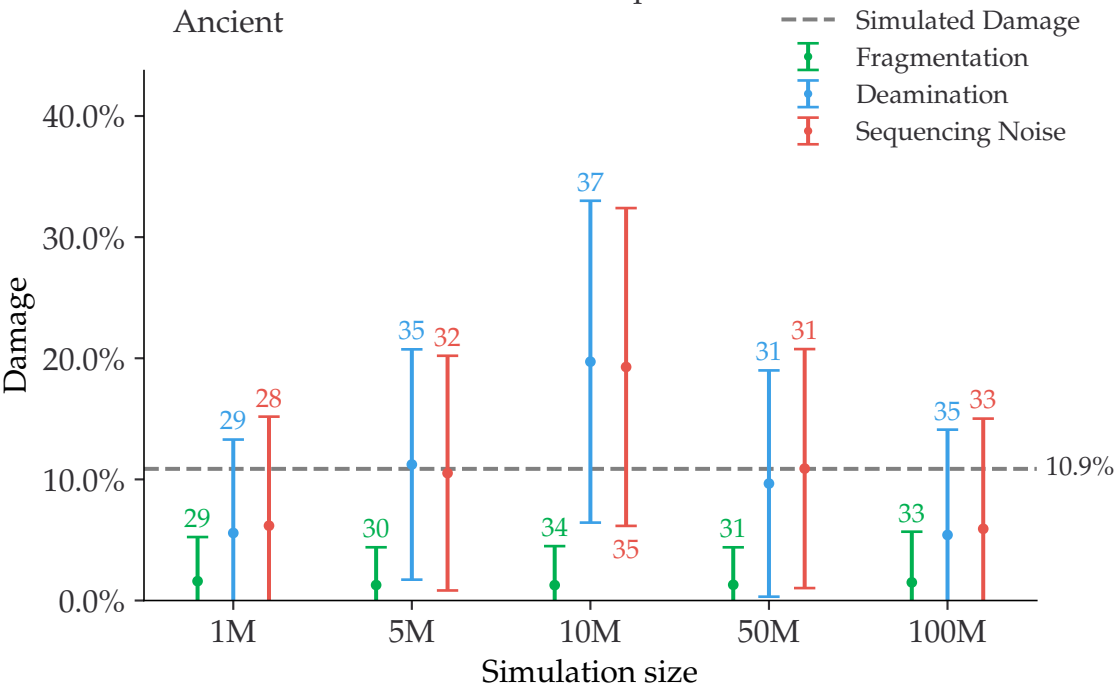
Sequencing Noise



Cave-102

Tax ID: 128154, s__Thalassobius sp009857745

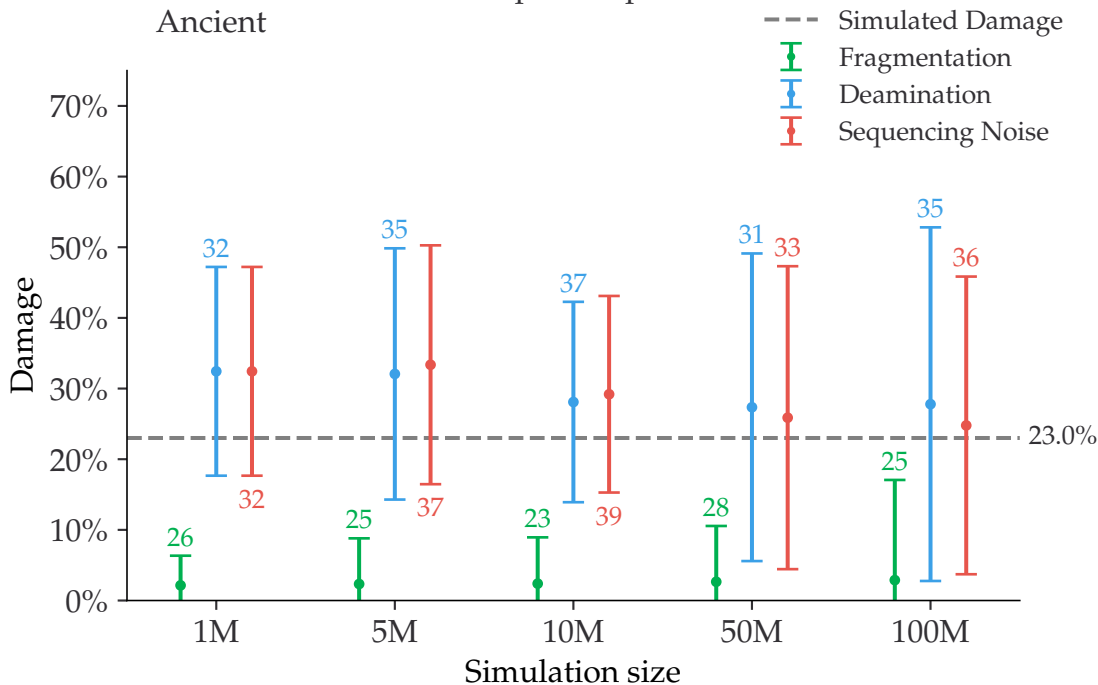
Ancient



Cave-102

Tax ID: 118311, s__Haemophilus sp001276515

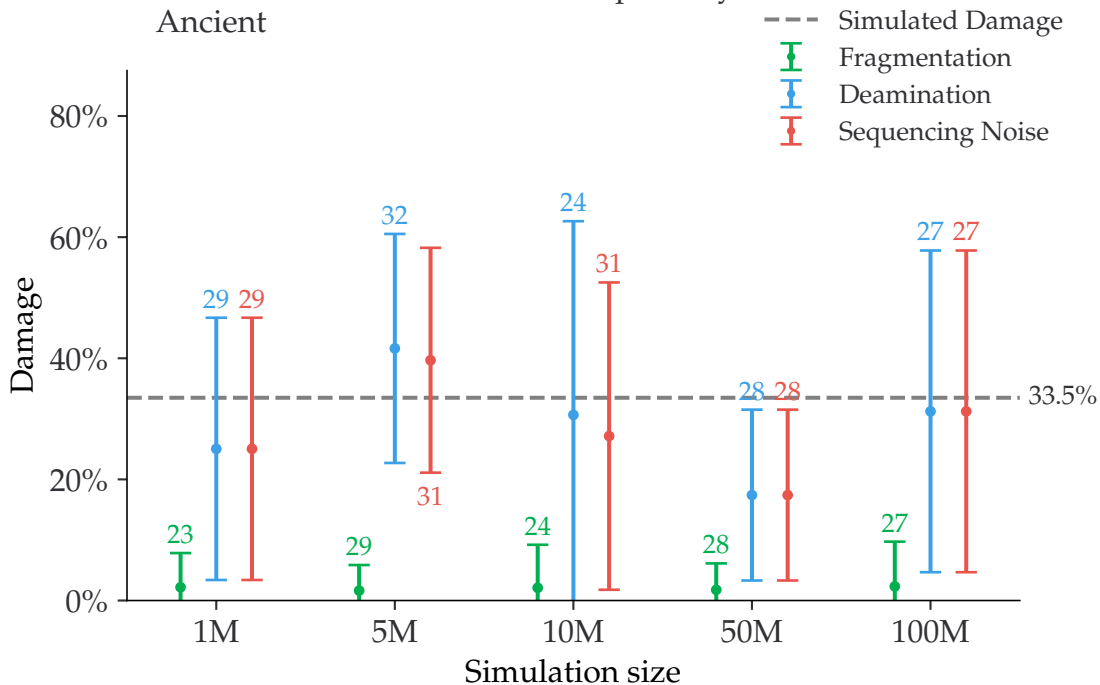
Ancient



Cave-102

Tax ID: 122675, s__Bacteroides heparinolyticus

Ancient



Cave-102

Tax ID: 128121, s__Xanthomonas sacchari_B

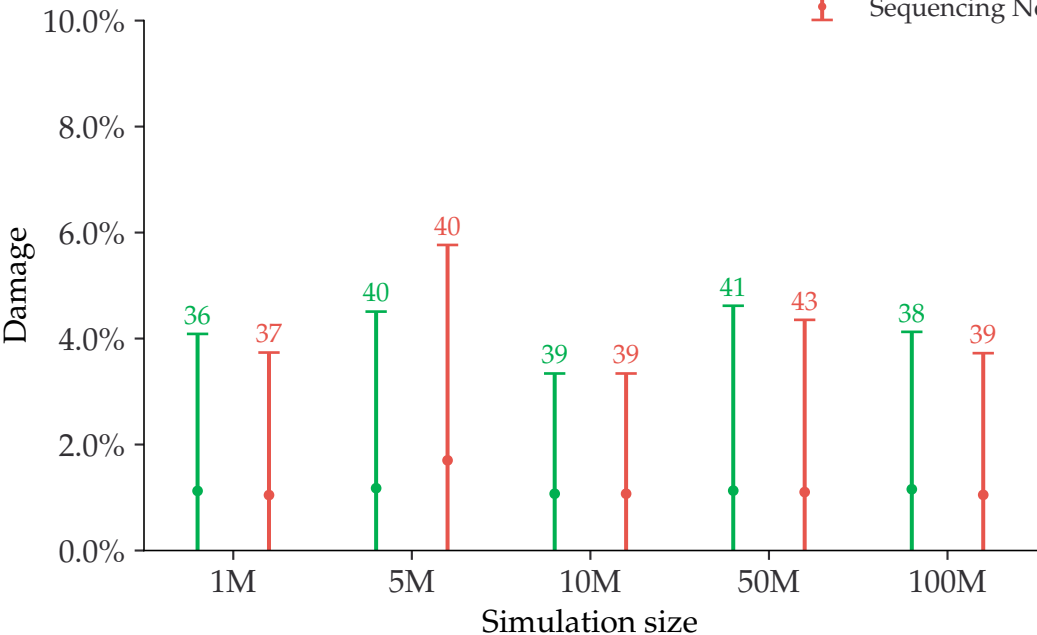
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Fragmentation



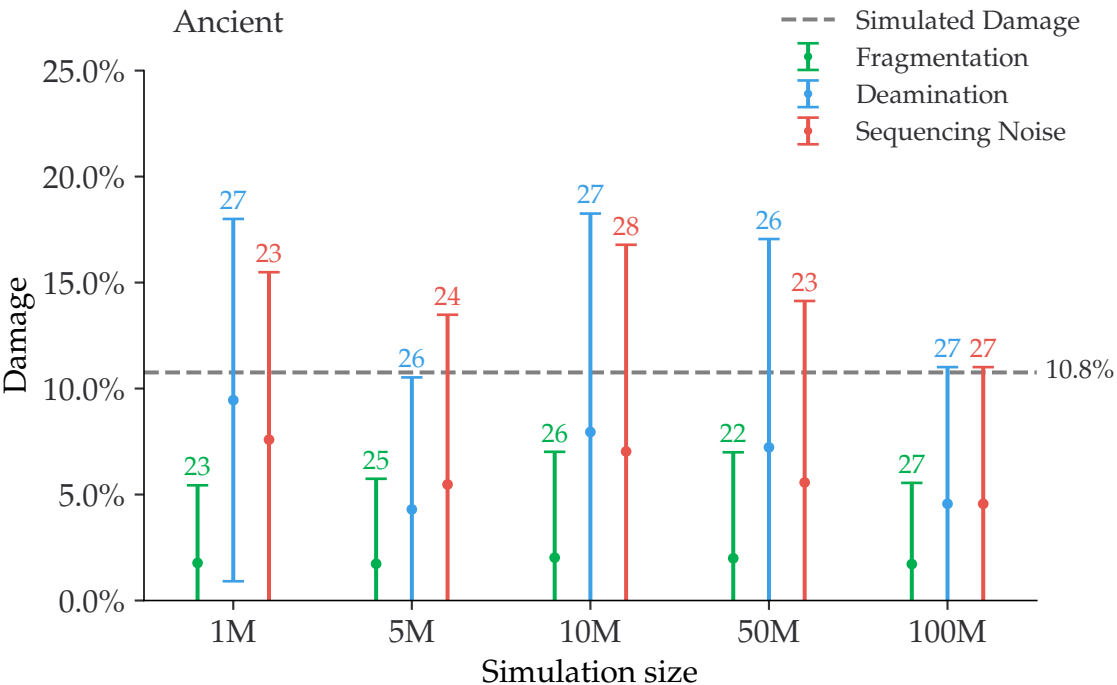
Sequencing Noise



Cave-102

Tax ID: 115211, s__Oceanimonas smirnovii

Ancient



Cave-102

Tax ID: 78116, s__Brevundimonas sp001794825

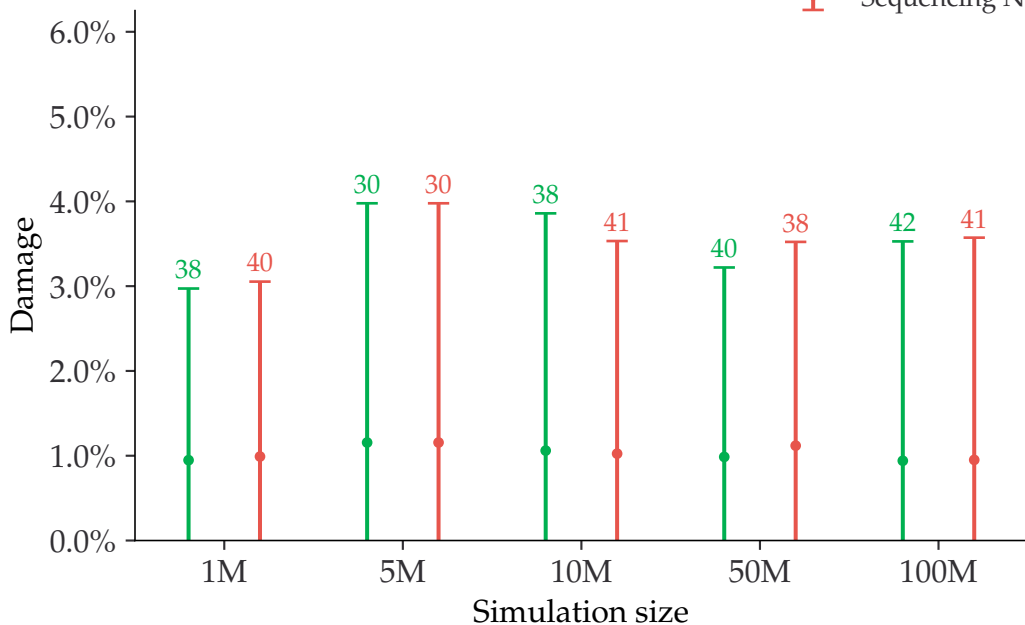
Non-ancient



Fragmentation



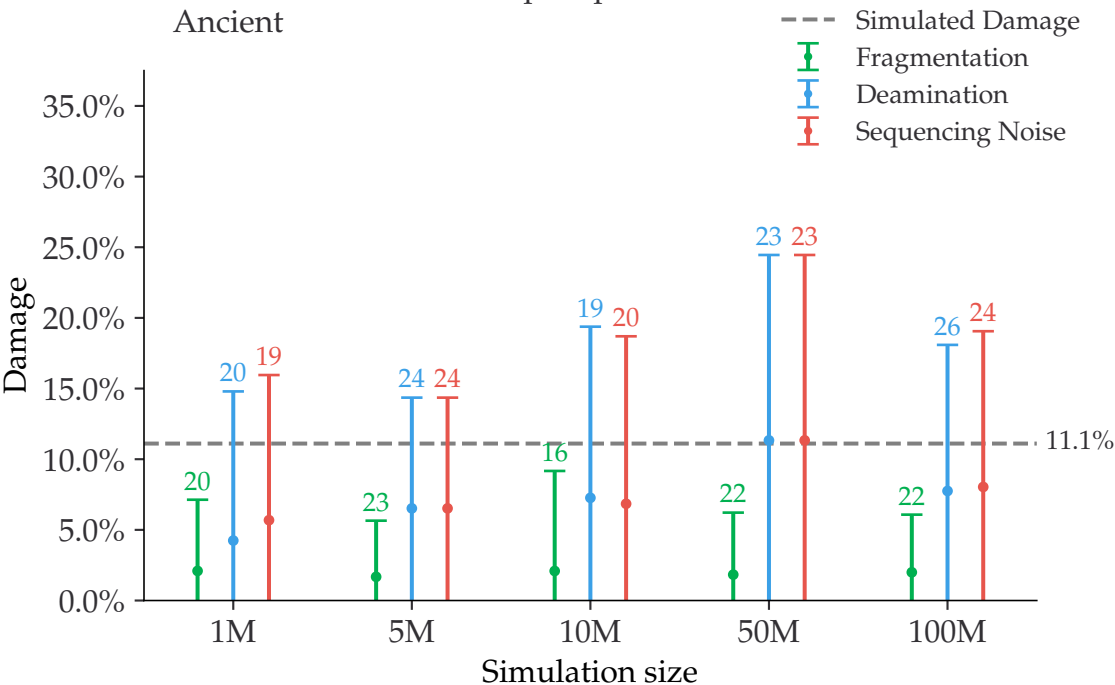
Sequencing Noise



Cave-102

Tax ID: 101289, s_Thiocapsa sp011390875

Ancient

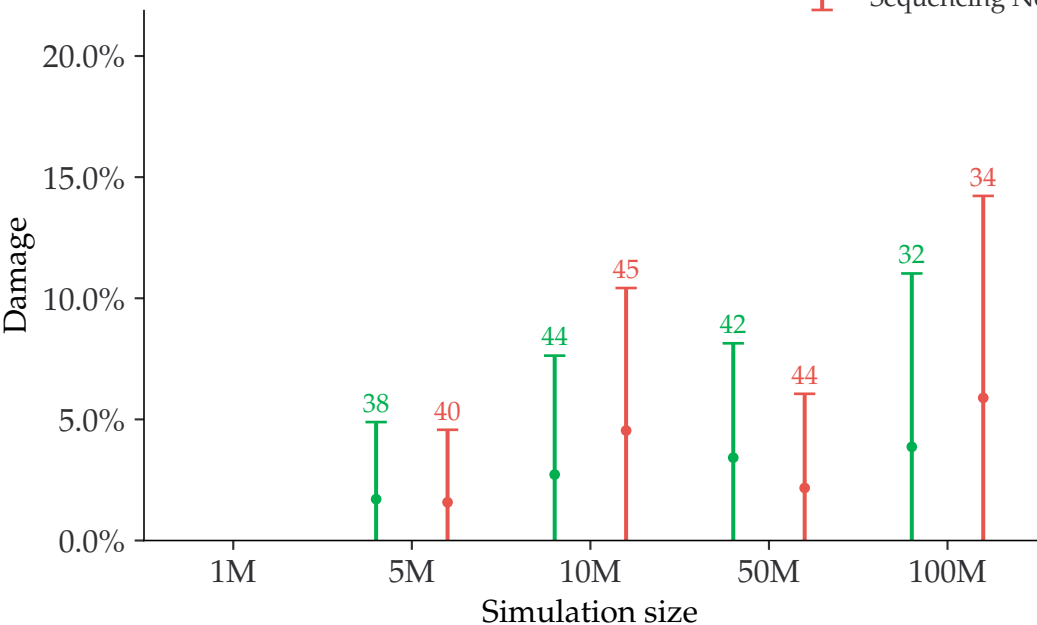


Cave-102

Tax ID: 92139, s__Escherichia flexneri

Non-simulated

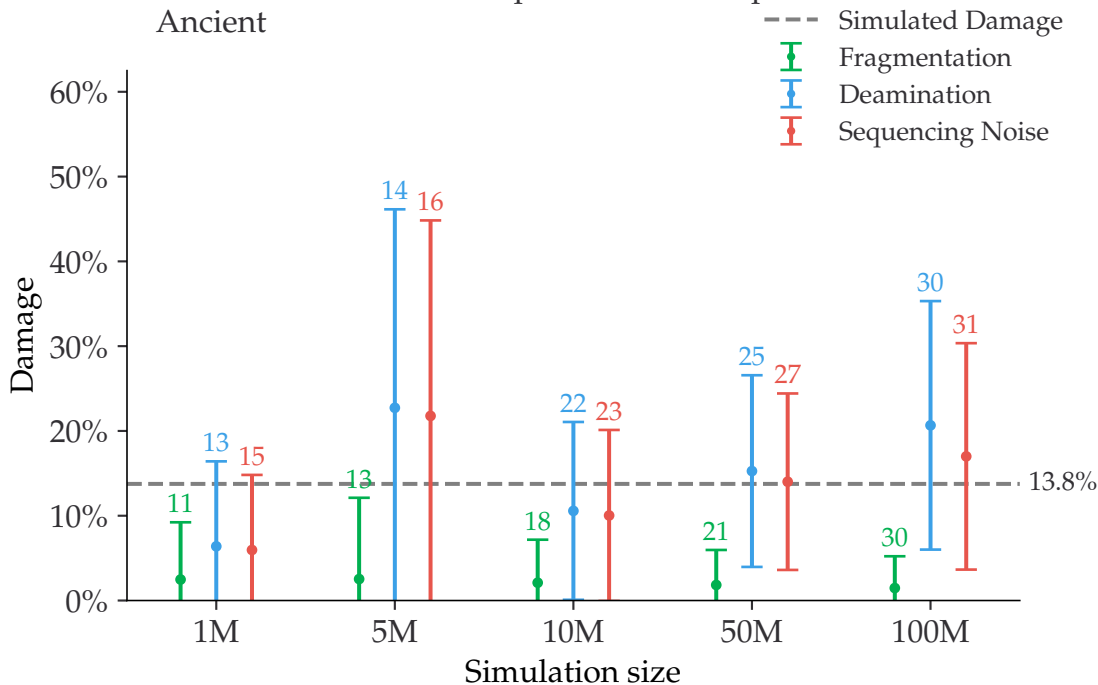
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 82130, s__*Stenotrophomonas maltophilia*_A

Ancient

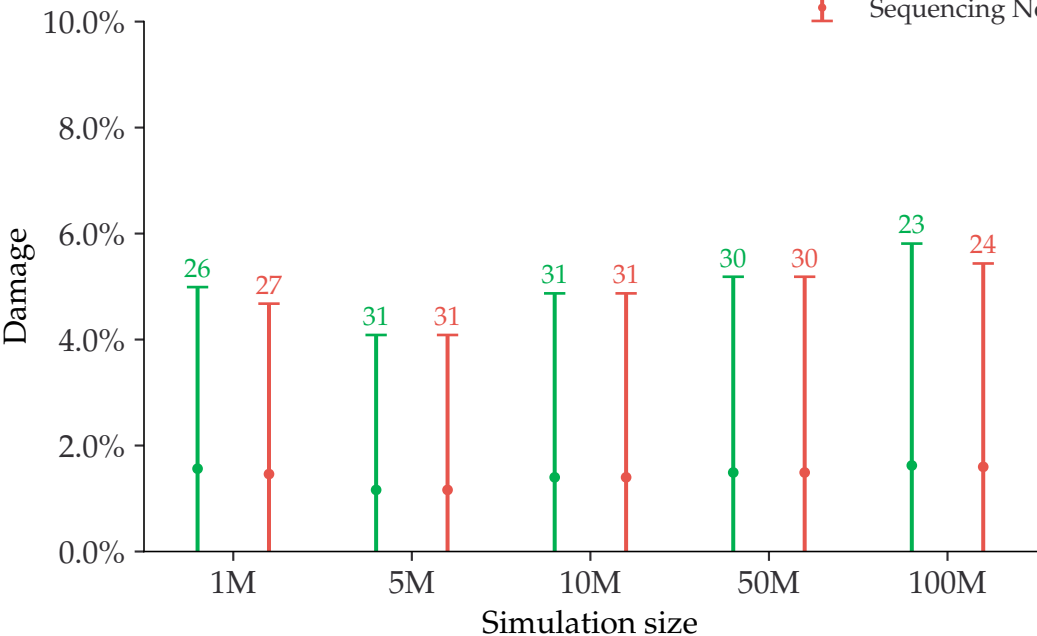


Cave-102

Tax ID: 100083, s__Burkholderia gladioli_B

Non-ancient

Fragmentation
Sequencing Noise



Cave-102

Tax ID: 118004, s__Pluralibacter gergoviae

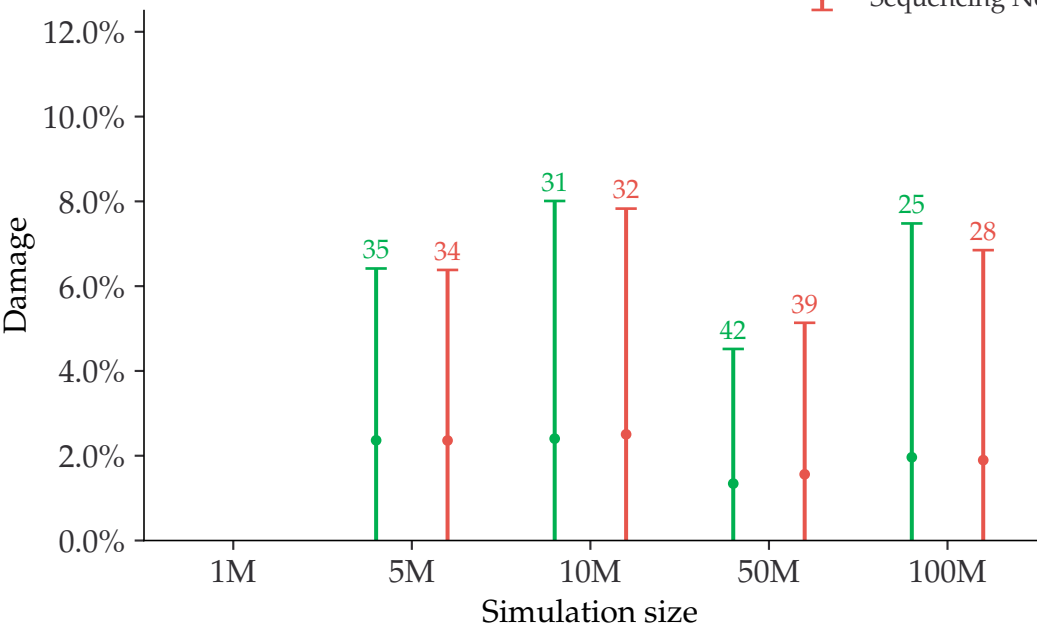
Non-simulated



Fragmentation



Sequencing Noise



Cave-102

Tax ID: 114095, s__Rahnella aquatilis

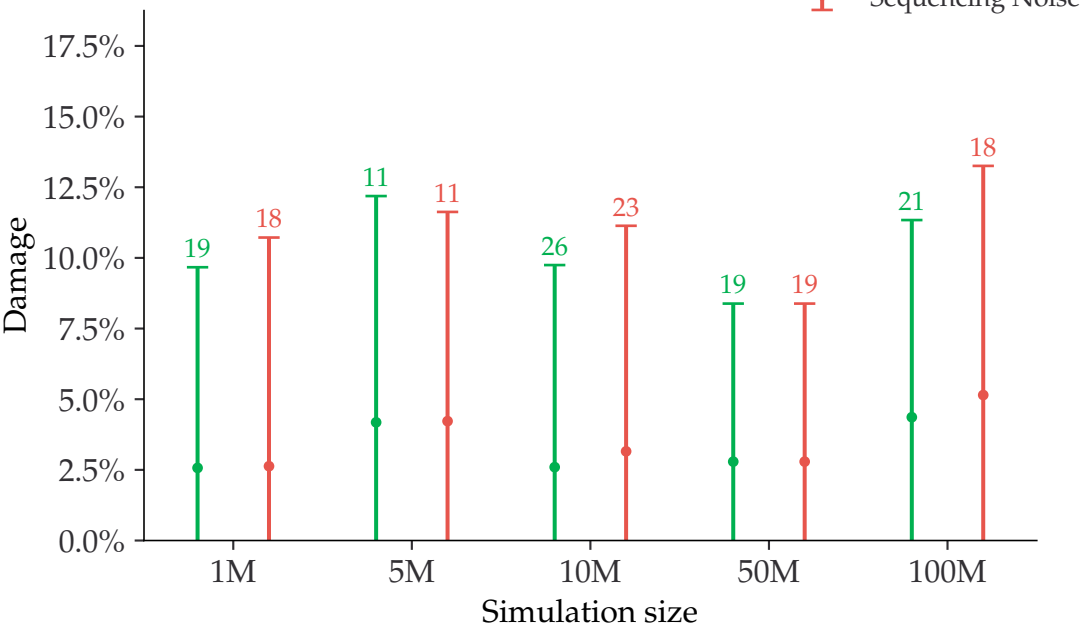
Non-simulated



Fragmentation



Sequencing Noise

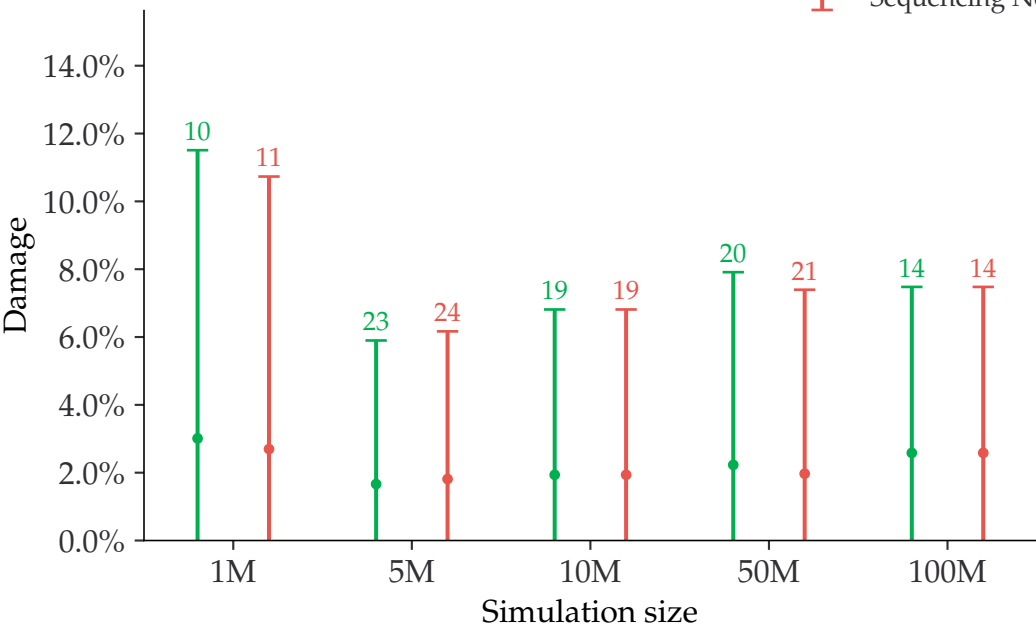


Cave-102

Tax ID: 119937, s__Rhizobium sp001664485

Non-ancient

Fragmentation
Sequencing Noise

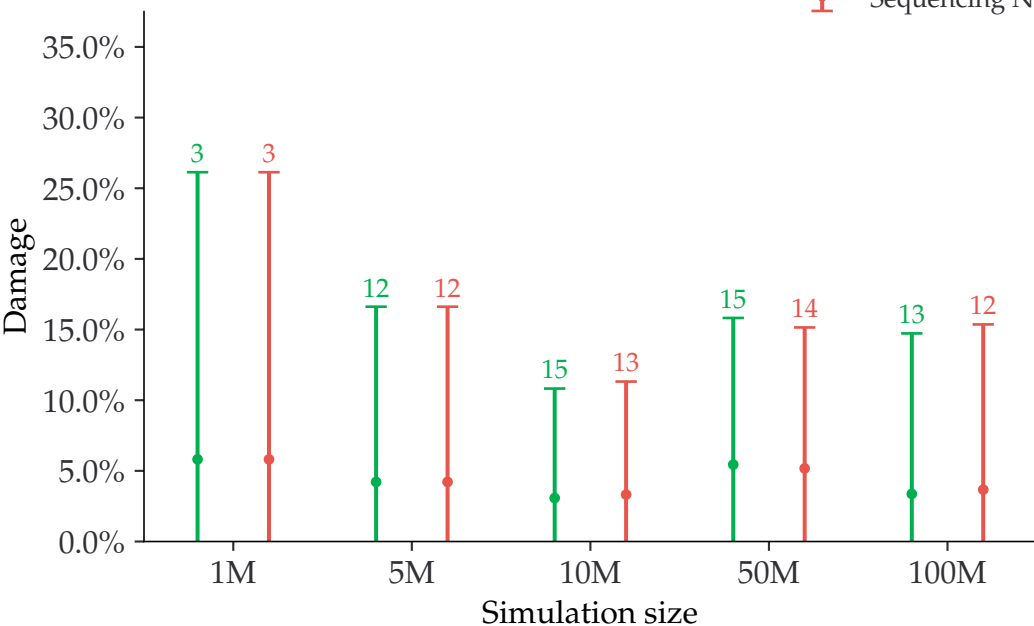


Cave-102

Tax ID: 124868, s__Rahnella aquatilis_B

Non-simulated

Fragmentation
Sequencing Noise

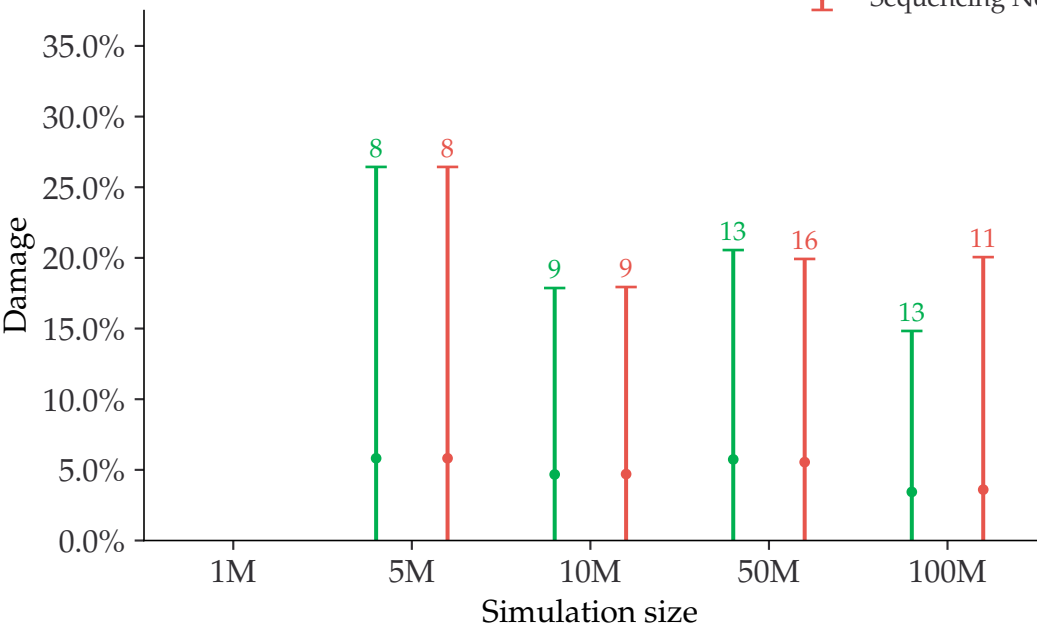


Cave-102

Tax ID: 79451, s__Escherichia coli_D

Non-simulated

Fragmentation
Sequencing Noise

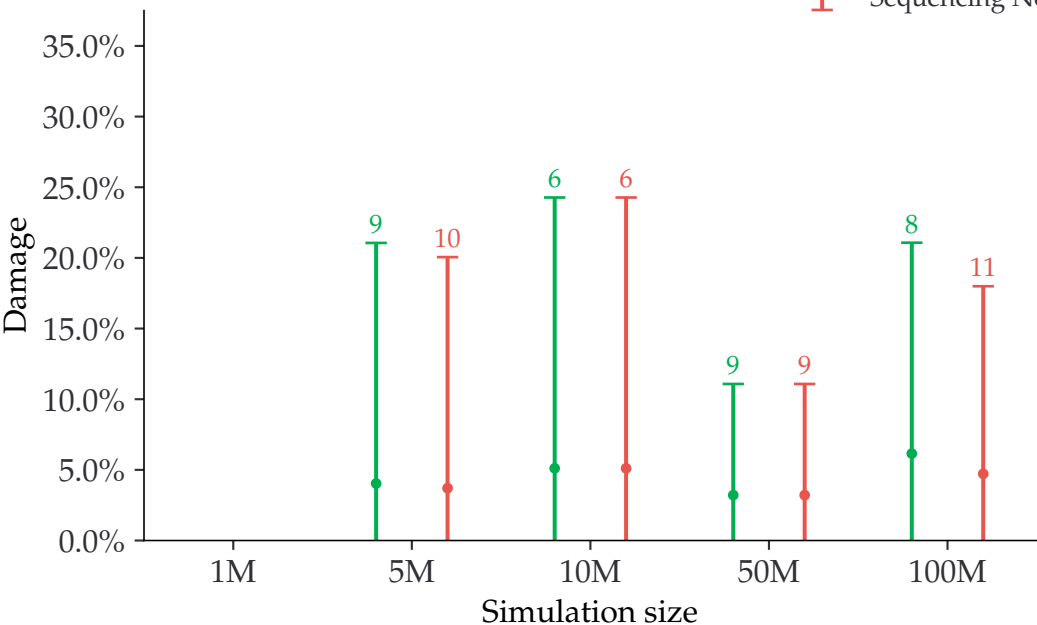


Cave-102

Tax ID: 104002, s__Escherichia coli

Non-simulated

Fragmentation
Sequencing Noise

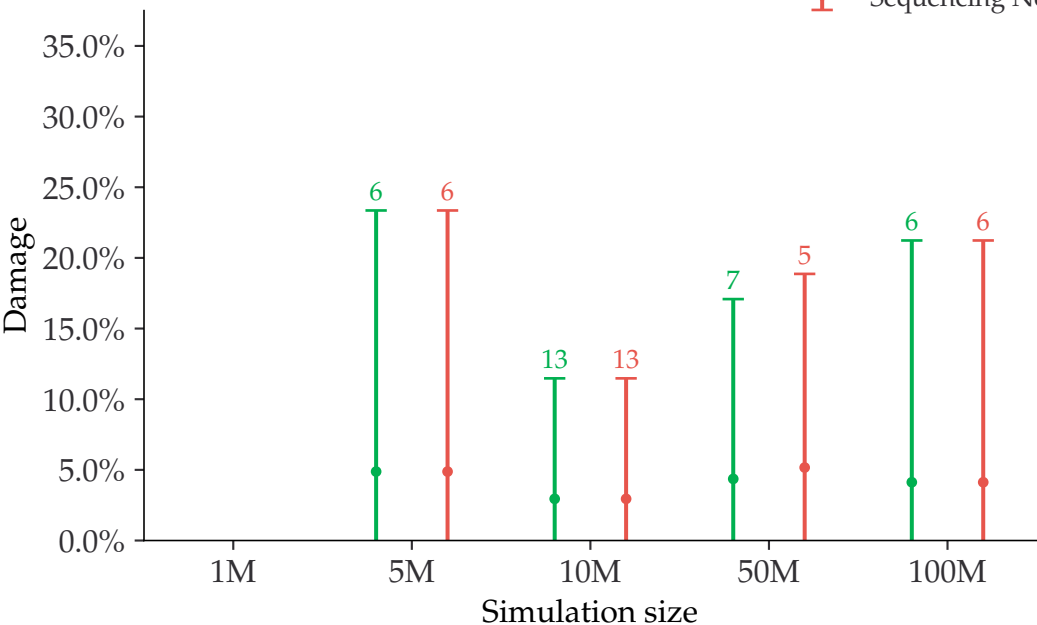


Cave-102

Tax ID: 125303, s__Escherichia sp004211955

Non-simulated

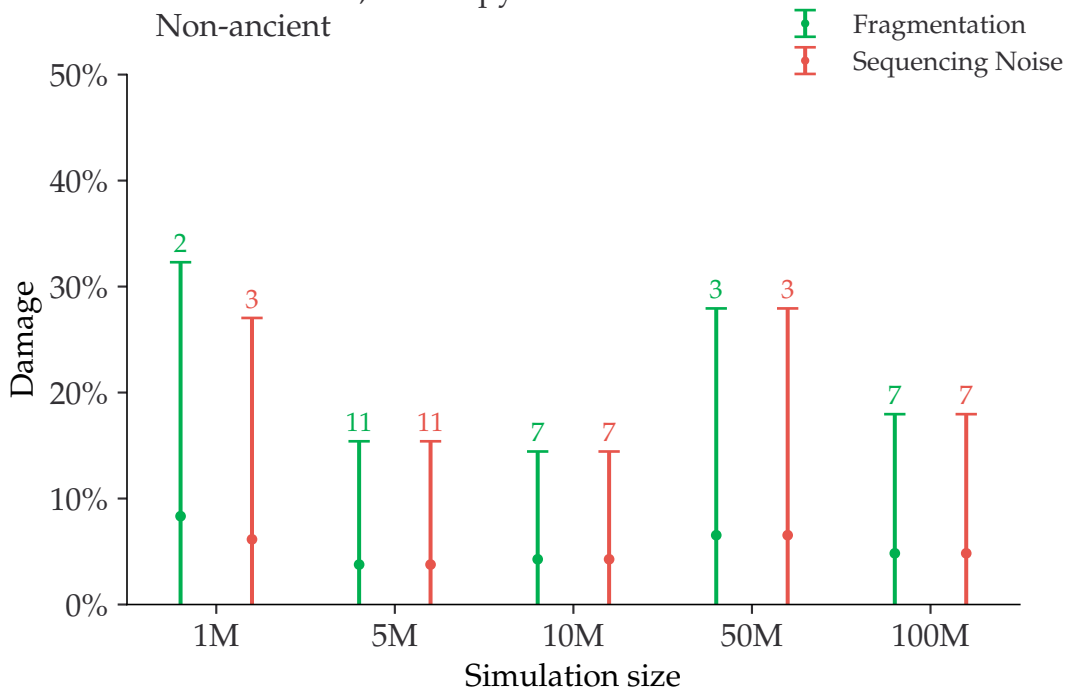
Fragmentation
Sequencing Noise



Cave-102

Tax ID: 121333, s__Campylobacter_A concisus_W

Non-ancient



Cave-102

Tax ID: 72448, s__*Escherichia dysenteriae*

Non-ancient

