

```
##      site      taxa  mean_dm_g
## 1 Burke      Acari 7.24750e-06
## 2 Burke      Aoteapsyche 2.16358e-05
## 3 Burke      Austroperla 2.43873e-04
## 4 Burke      Austrosimulium 1.18194e-04
## 5 Burke      Ceratopogonidae 2.47095e-04
## 6 Burke      Chironominae 1.78510e-04
```

```
##      site      taxa  mean_dm_g
## 1 Kiwi      Acari 0.000001960
## 2 Kiwi      Aoteapsyche 0.000067400
## 3 Kiwi      Austrosimulium 0.000067900
## 4 Kiwi      Ceratopogonidae 0.000367748
## 5 Kiwi      Chironominae 0.000038200
## 6 Kiwi      Coloburiscus 0.000144227
```

```
##      site      pca1  category
## 1      Burke -2.4444644 reference
## 2 Burnet_Trib -3.1984391 reference
## 3      Burnett -3.1210028 reference
## 4      Cannel -0.5836533 impact
## 5      Charming -2.7896480 reference
## 6      Chasm -2.5380728 reference
```

```
## [1] "Lankey"      "One Horse Creek" "Stream X"      "Stream Y"
## [5] "Sullivan East" "Sullivan West"  "Mine"
```

```
## [1] "Burke"      "Burnet_Trib"    "Burnett"        "Cannel"        "Charming"
## [6] "Chasm"      "Coal"           "Coalbrookdale"  "Coorang"       "Granity"
## [11] "Hot"        "Italian"        "Lank"           "Mine_01"       "OH Creek"
## [16] "Stream_X"   "Stream_Y"       "Sull_East"      "Sull_West"
```

```
## [1] "Burke"      "Burnet Tributary" "Burnett"        "Cannel"
## [5] "Charming"   "Chasm"           "Coal"           "Coalbrookdale"
## [9] "Coorang"    "Granity"         "Hot"            "Italian"
## [13] "Kiwi"       "Lankey"          "Miller"         "Mine"
## [17] "Murray"     "One Horse Creek" "Packtrack"      "Portal"
## [21] "Stream X"   "Stream_Y"        "Sullivan East"  "Sullivan West"
## [25] "Warne"
```

```
## [1] 218 3
```

```
## [1] 211 3
```

```
## [1] 429 3
```

```
## Joining with 'by = join_by(site)'
```

```
## [1] 429 5
```

```
write_csv(AMD_bugs, "data/my_AMD_bugs.csv")
```