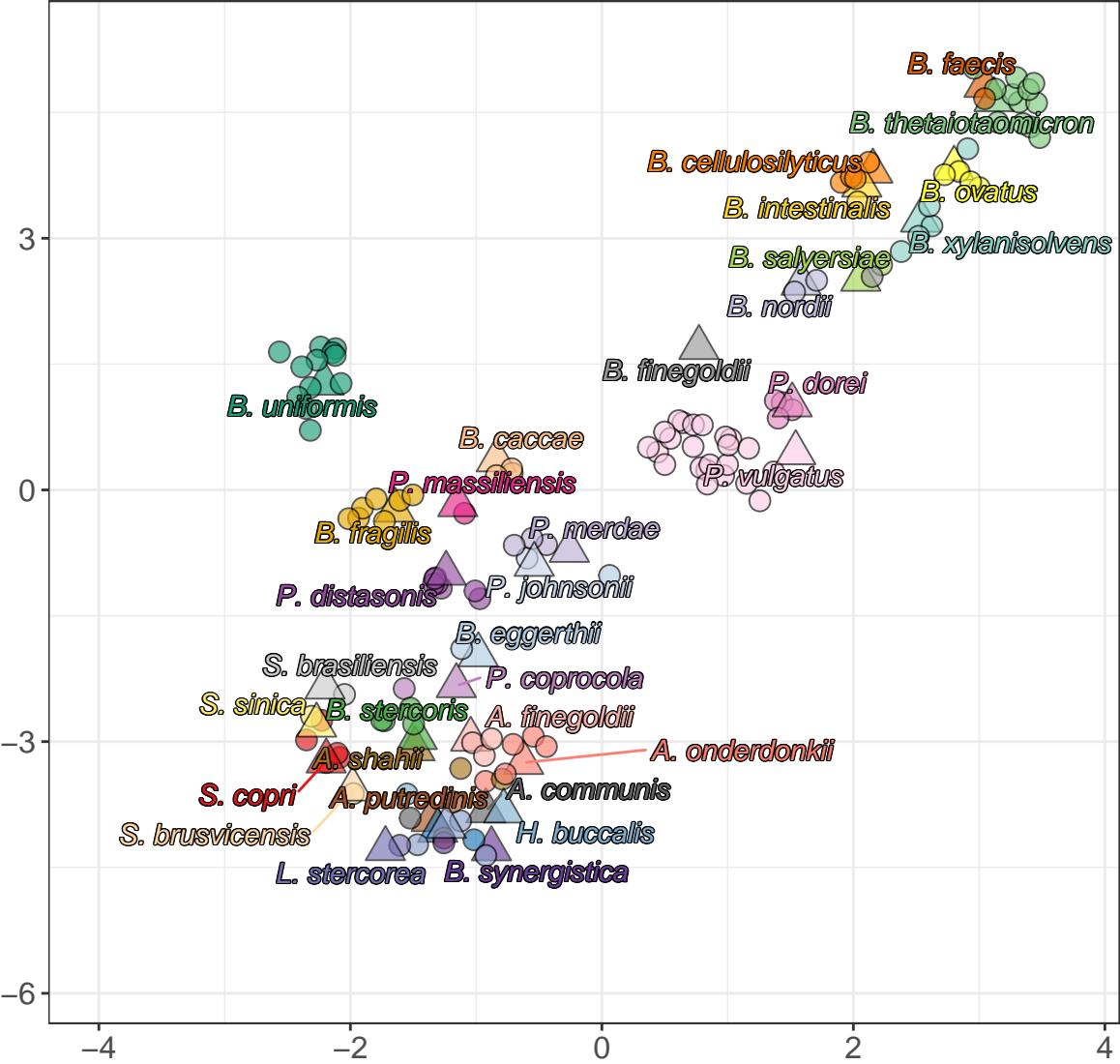


UMAP of Bacteroidales based on presense and absence of cazyme families  
colored by species



species

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| <i>Alistipes communis</i>           | <i>Bacteroides xylanisolvens</i>  |
| <i>Alistipes finegoldii</i>         | <i>Butyricimonas paravirosa</i>   |
| <i>Alistipes onderdonkii</i>        | <i>Butyricimonas synergistica</i> |
| <i>Alistipes putredinis</i>         | <i>Hoyleseella buccalis</i>       |
| <i>Alistipes shahii</i>             | <i>Leyella stercorea</i>          |
| <i>Bacteroides caccae</i>           | <i>Odoribacter splanchnicus</i>   |
| <i>Bacteroides cellulosilyticus</i> | <i>Parabacteroides distasonis</i> |
| <i>Bacteroides eggerthii</i>        | <i>Parabacteroides johnsonii</i>  |
| <i>Bacteroides faecis</i>           | <i>Parabacteroides merdae</i>     |
| <i>Bacteroides finegoldii</i>       | <i>Phocaeicola coprocola</i>      |
| <i>Bacteroides fragilis</i>         | <i>Phocaeicola dorei</i>          |
| <i>Bacteroides intestinalis</i>     | <i>Phocaeicola massiliensis</i>   |
| <i>Bacteroides nordii</i>           | <i>Phocaeicola vulgatus</i>       |
| <i>Bacteroides ovatus</i>           | <i>Segatella brasiliensis</i>     |
| <i>Bacteroides salyersiae</i>       | <i>Segatella brusvicensis</i>     |
| <i>Bacteroides stercoris</i>        | <i>Segatella copri</i>            |
| <i>Bacteroides thetaiotaomicron</i> | <i>Segatella sinica</i>           |
| <i>Bacteroides uniformis</i>        |                                   |

n\_neigh=85