Correlation for the PY model (original)
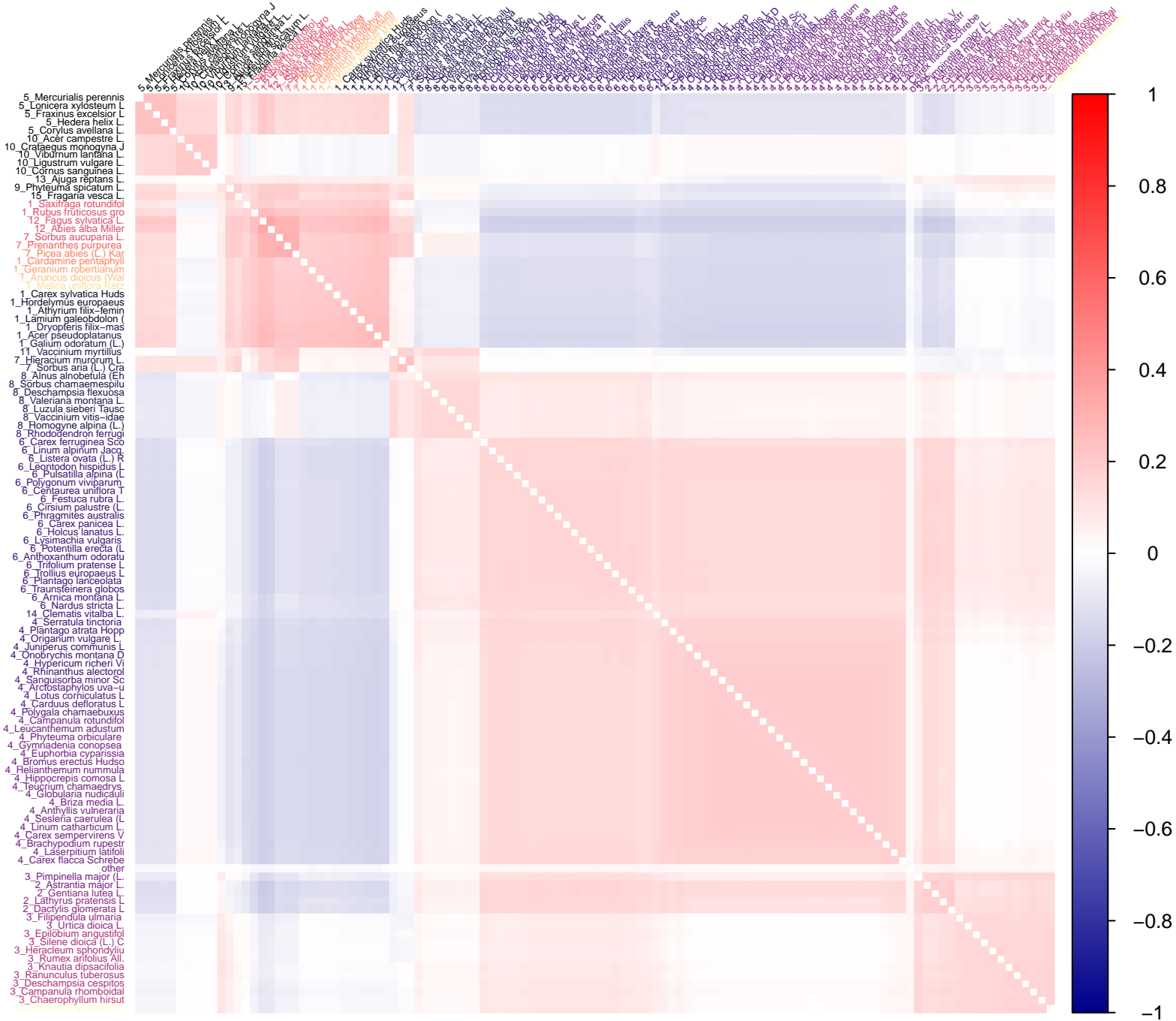
Correlation for the PY model (PY groups)