1. How should I model the gills compartment? Vidal considers that the blood inflow of the compartment is just a part of the Q\_total.
2. Excretion pathways (gills, urine, feces)
3. Vidal and Grech, based on Nichols, considers that a big part of outflow from muscle and skin compartments goes to kidney compartment.
4. About Enterohepatic circulation

* Cao et al.2022 supports that PFAS are recirculated via the reabsorption from bile back to blood. They estimated the F\_reab parameters for various PFAS substances.

Table

Description automatically generated

* Martin et al., 2013 (dietary) supports that enterohepatic circulation plays important role in fish.
* Rainbow trout Bile flow rate = 75 μL/kg/h by Grosell et al., 2000 (<https://doi.org/10.1152/ajpregu.2000.278.6.R1674>)