



Figure S1. Product recovery, R_i (a,c,e,g), and permeate purity, $x_{p,i}$ (b,d,f,h), dependence on the transport parameter, θ_i , and modified dimensionless pressure ratio ψ_i . (a,b) $x_{r,i,0} = 0.1$, $S_{ij} = 10$, (c,d) $x_{r,i,0} = 0.7$, $S_{ij} = 10$, (e,f) $x_{r,i,0} = 0.1$, $S_{ij} = 500$, (g,h) $x_{r,i,0} = 0.7$, $S_{ij} = 500$.