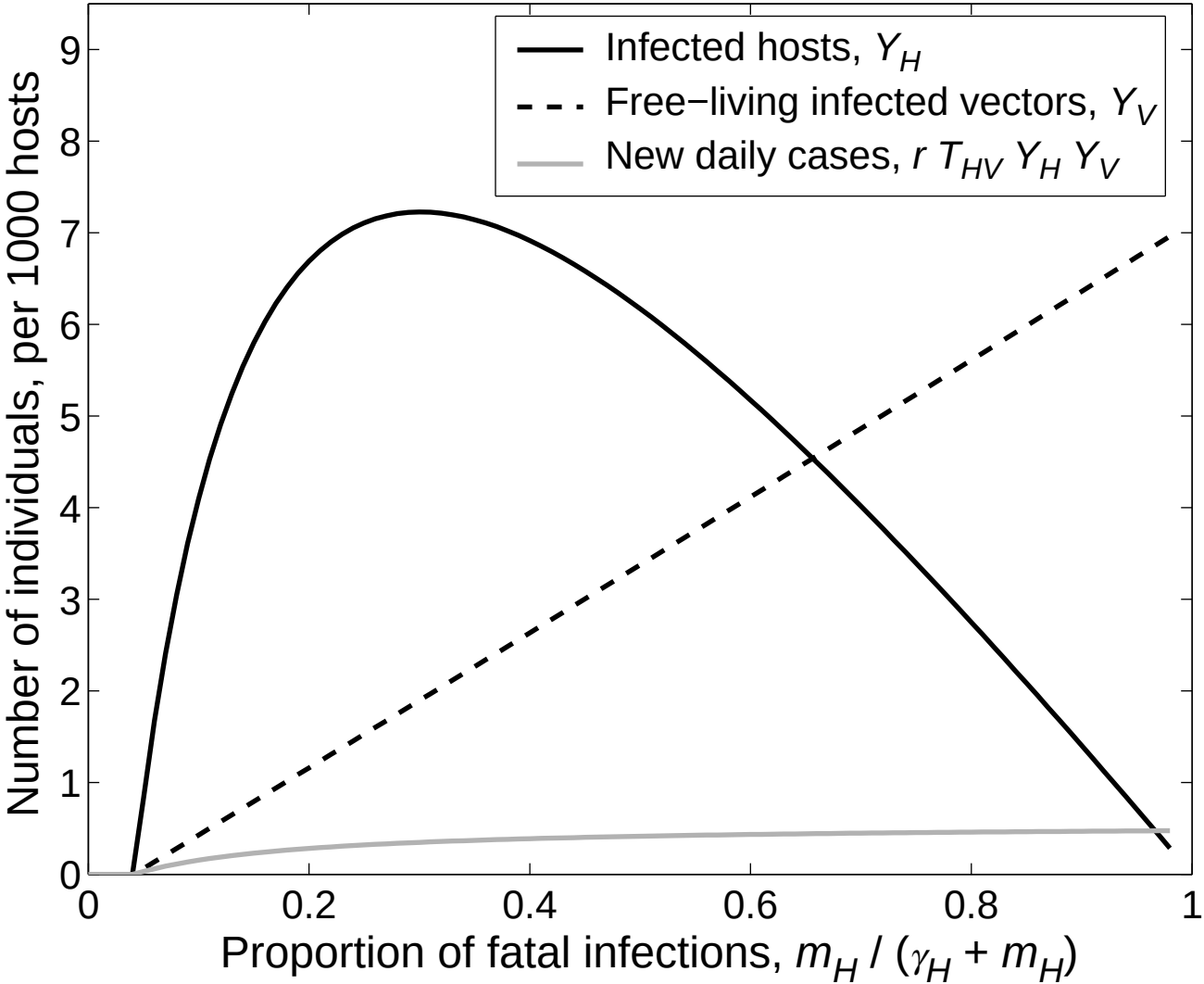
Infected hosts, Y_H
Free−living infected vectors, Y_V
New daily cases, $r\ T_{HV}\ Y_H\ Y_V$
Number of individuals, per 1000 hosts
Proportion of fatal infections, $m_H\ /\ (\gamma_H + m_H)$
0
1
2
3
4
5
6
7
8
9
0
0.2
0.4
0.6
0.8
1