Figure S1. Aircraft passenger and freight load factor versus flight distance. Diamonds and squares are 2014 average load factors for individual routes. Lines are model results.

Figure S2. Swiss aircraft fleet dynamics taken from the historical fleet of Swiss International Airlines.

Figure S3. Aircraft age when removed from Swiss aircraft fleet, taken from the historical fleet of Swiss International Airlines. Note that an aircraft’s removal from the Swiss fleet usually means that it is sold to another country, not retired.