**Equations for Pseudo-Bonhoeffer 1997 (3 Strain)**

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| **Parameter** | **Description** |
| fX | Fraction of Patients Treated |
| rX | Recovery Rate |
| λ | Rate of birth and death (vital) |
| h | Rate of the treatment effect |
| b | Transmission parameter |
| s | Fraction of patients who become resistant when treated |