Total	Count	Including Array Elements
Variables	23	23
Stocks	2	2
Flows	2	2
Converters	19	19
Constants	8	8
Equations	13	13
Graphicals	0	0

	Equation	Properties	Units	Documentation	Annotation
Top-Level Model:					
Exponential_Discount_t_1(t)	Exponential_Discount_t_1(t - dt) + (Chge_in_Exponential_Discount_t_1) * dt	INIT Exponential_Discount_t_1 = "Initial_Exponential_Discount_t_-1"	Dimensionless		
Exponential_Discounting_t_1(t)	Exponential_Discounting_t_1(t - dt) + (Chge_in_Exponential_Discounting_t_1) * dt	INIT Exponential_Discounting_t_1 = Initial_Exponential_Discounting_t_1	Dimensionless		
Chge_in_Exponential_Discount_t_1	(IF TIME = INT(TIME) THEN (Exponential_Discount_t - Exponential_Discount_t_1)/DT ELSE 0)		Per Month		
Chge_in_Exponential_Discounting_t_1	(IF TIME = INT(TIME) THEN (Exponential_Discounting_t - Exponential_Discounting_t_1)/DT ELSE 0)		Per Month		
"alpha_=_α"	100000		Dimensionless		
"beta_=_β"	0.6		Dimensionless		
"delta_=_δ"	0.97		Dimensionless		
delta_δ	0.99		Dimensionless		
Discount_Factor_Delta	0.99				
Exact_Analytical_Solution	delta_δ ^ TIME		Dimensionless		
Exp_discount	"Exp_discount_t_-1"		Dimensionless		
"Exp_discount_t_-1"	DELAY(delta_δ *Exp_discount, 1 , 1)		Dimensionless		DELAY CONVERTER
Exponential_Discount_t	IF TIME < 1 THEN 1 ELSE "Exponential_Discount_t_-_1"		Dimensionless		

			Dimensionless		
"Exponential_Discount_t_-_1"	(IF TIME = INT(TIME) THEN "delta_=_δ" *Exponential_Discount_t_1 ELSE "delta_=_δ" *Lagged_Exponential_Discount_t_1)		Dimensionless		
Exponential_Discounting_t	IF TIME < 1 THEN 1 ELSE Discount_Factor_Delta*"Exponential_Discounting_t_-_1"		Dimensionless		
"Exponential_Discounting_t_-_1"	(IF TIME = INT(TIME) THEN Exponential_Discounting_t_1 ELSE Lagged_Exponential_Discounting_t_1)		Dimensionless		
"gamma_=_γ"	5000		Dimensionless		
Hyperbolic_Discount	IF TIME <= STARTTIME + 1 THEN 1 ELSE (1 + "alpha_=_α" * TIME)^(- "gamma_=_γ" / "alpha_=_α")		Dimensionless		
"Initial_Exponential_Discount_t_-1"	1		Dimensionless		
Initial_Exponential_Discounting_t_1	1		Dimensionless		
Lagged_Exponential_Discount_t_1	DELAY(Exponential_Discount_t_1, 1 , Exponential_Discount_t_1)		Dimensionless		
Lagged_Exponential_Discounting_t_1	DELAY(Exponential_Discounting_t_1, 1 , Exponential_Discounting_t_1)		Dimensionless		
"Quasi-Hyperbolic_Discount"	IF TIME <= STARTTIME + 1 THEN 1 ELSE "beta_=_β" * Exponential_Discounting_t		Dimensionless		

Run Specs	
Start Time	0
Stop Time	48
DT	1/32
Fractional DT	True
Save Interval	0.03125
Sim Duration	1.5
Time Units	Months
Pause Interval	0
Integration Method	Euler
Keep all variable results	True
Run By	Run
Calculate loop dominance information	False