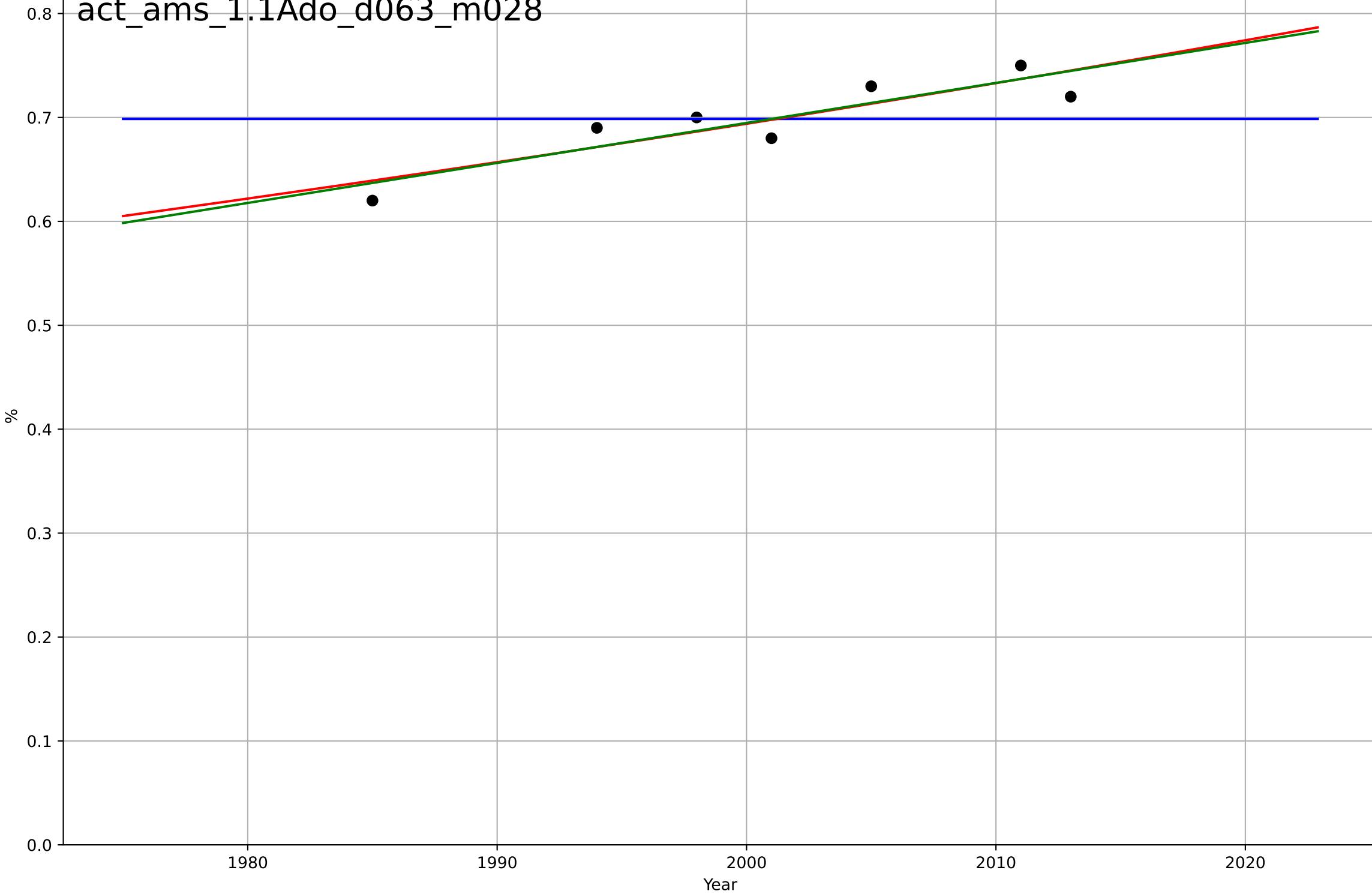


active mobility  
Amsterdam  
1.1 Adoption over time  
Bike ownership  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4079, D_t=-383, K=0.699$	-0.0115	-1.44e-10	-1	0.0391	0.0302
Exponential	$0.767 \cdot \exp(0.00548 \cdot (x-2018))$	0.00548	0.785	0.678	0.0181	0.0177
Linear	intercept=-7.01, slope=0.00385	0.00385	0.796	0.694	0.0176	0.0172

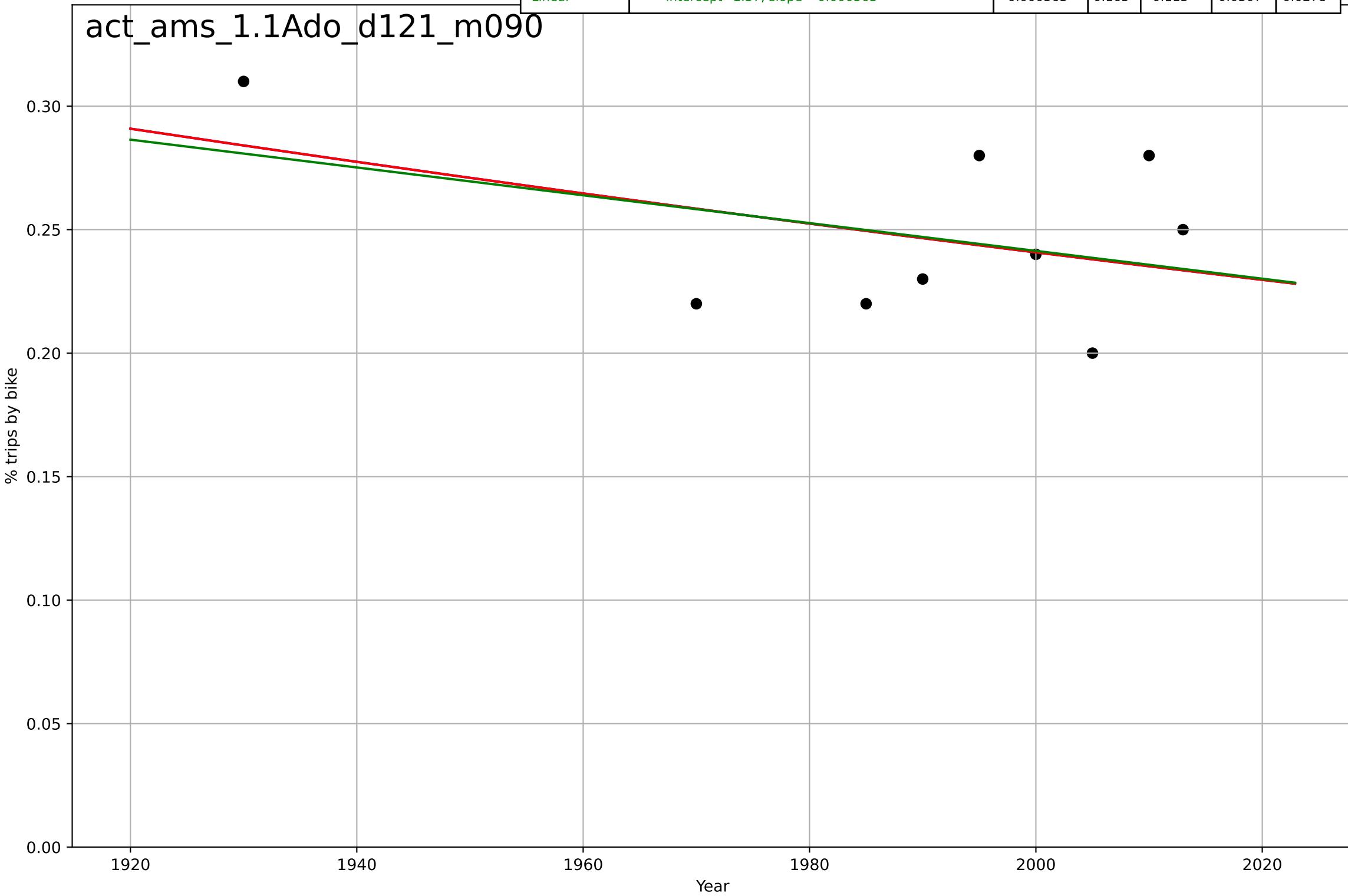
act\_ams\_1.1Ado\_d063\_m028



active mobility  
 Amsterdam  
 1.1 Adoption over time  
 Modal share of all trips by residents (bike)  
 % trips by bike

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-1668, D_t=-1.86e+03, K=1.39e+03$	-0.00236	0.179	-0.314	0.0304	0.0274
Exponential	$0.67 \cdot \exp(-0.00236 \cdot (x-1566))$	-0.00236	0.179	-0.0948	0.0304	0.0274
Linear	intercept=1.37, slope=-0.000563	-0.000563	0.165	-0.113	0.0307	0.0278

act\_ams\_1.1Ado\_d121\_m090



active mobility

Amsterdam

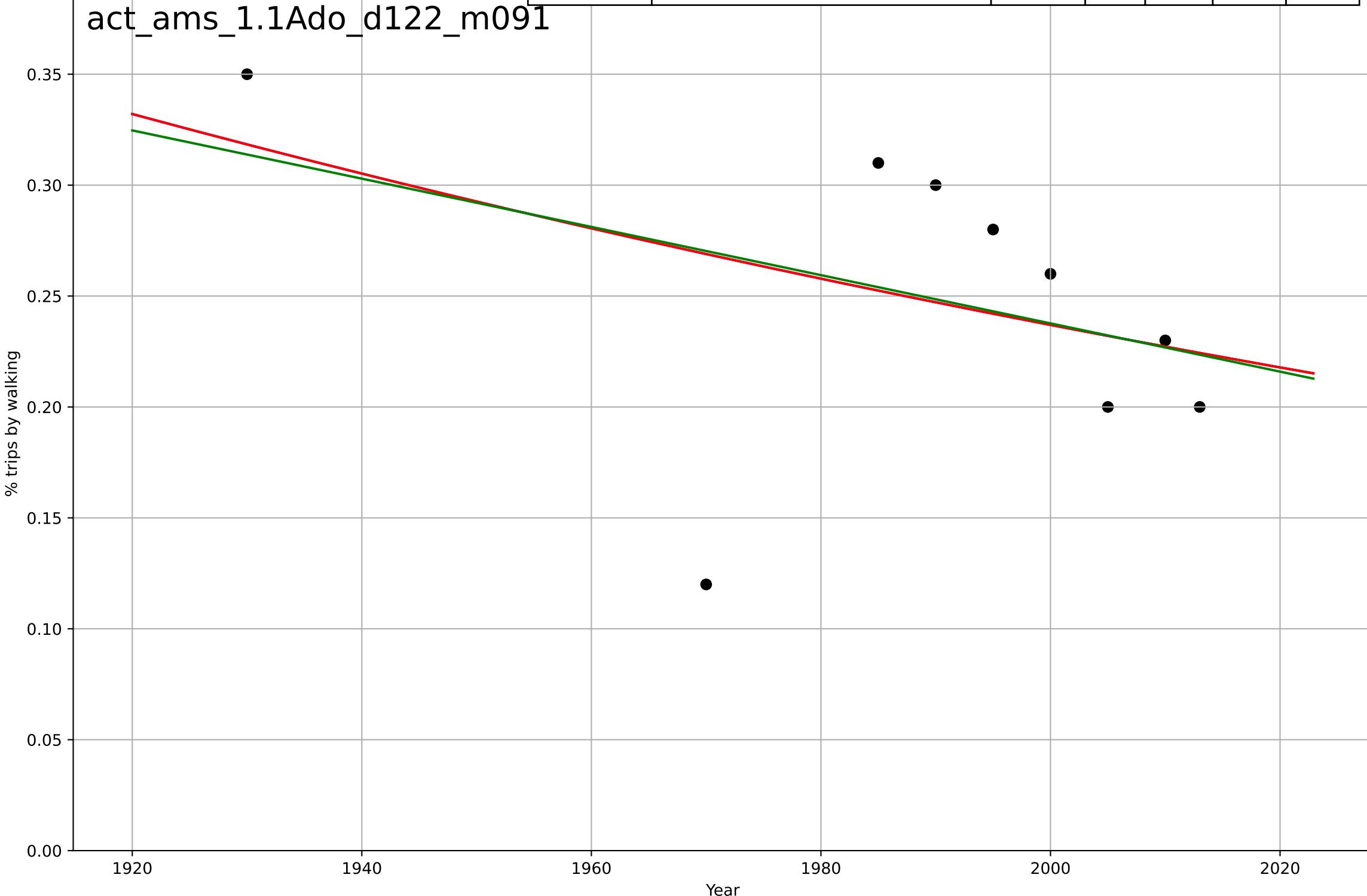
1.1 Adoption over time

Modal share of all trips by residents (walk)

% trips by walking

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=43, D_t=-1.04e+03, K=910$	-0.00422	0.165	-0.335	0.0604	0.0457
Exponential	$0.0833 \cdot \exp(-0.00422 \cdot (x-2248))$	-0.00422	0.165	-0.113	0.0604	0.0457
Linear	intercept=2.41, slope=-0.00109	-0.00109	0.159	-0.122	0.0607	0.0458

act\_ams\_1.1Ado\_d122\_m091



active mobility

Beijing

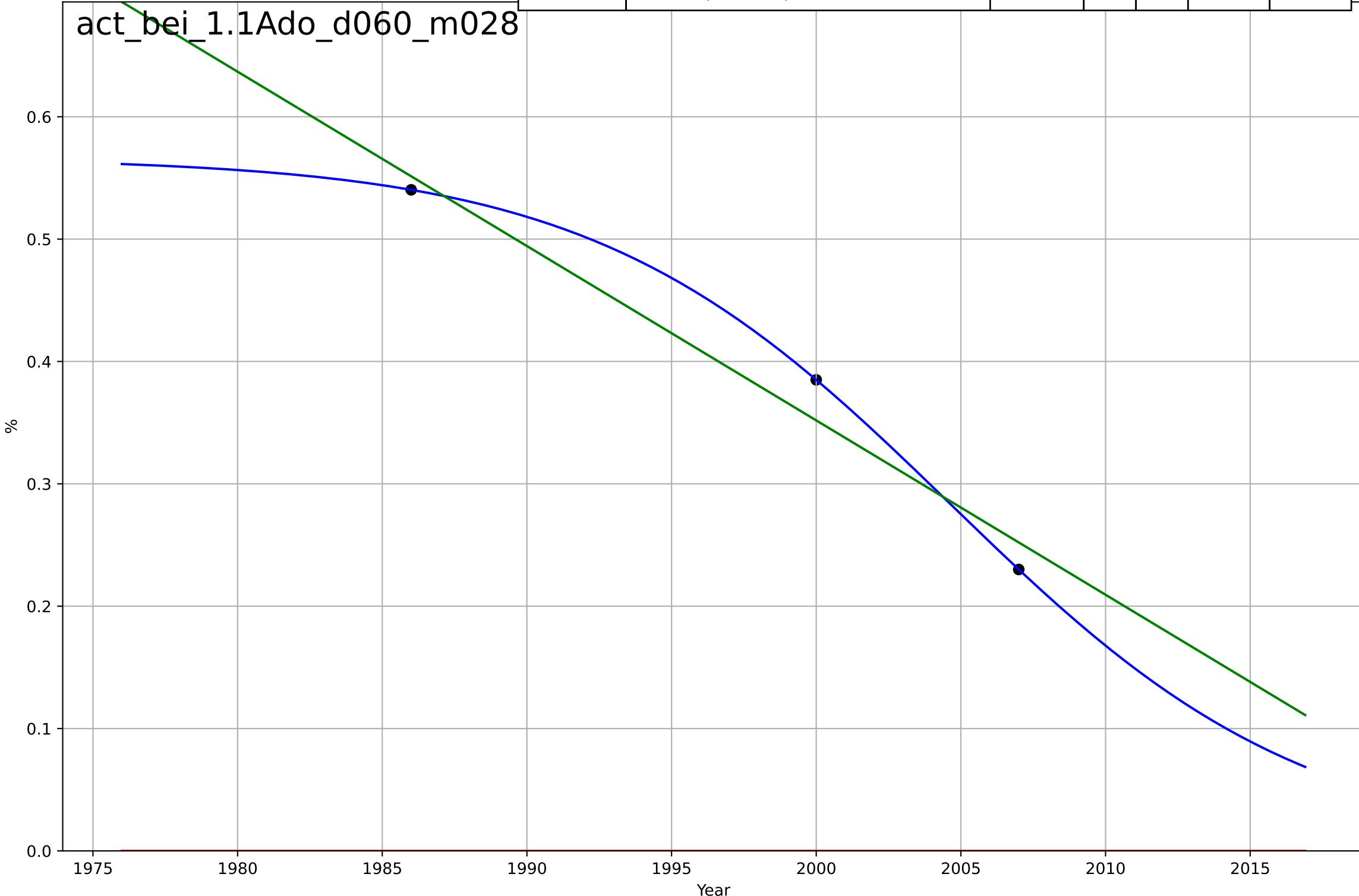
1.1 Adoption over time

Bicycle modal share

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=-27.2, K=0.567	-0.162	1	1	2.15e-10	1.98e-10
Exponential	-1.54e+03*exp(-0.000401*(x--152600))	-0.000401	-9.24	-inf	0.405	0.385
Linear	intercept=28.9, slope=-0.0142	-0.0142	0.964	-inf	0.0239	0.0221

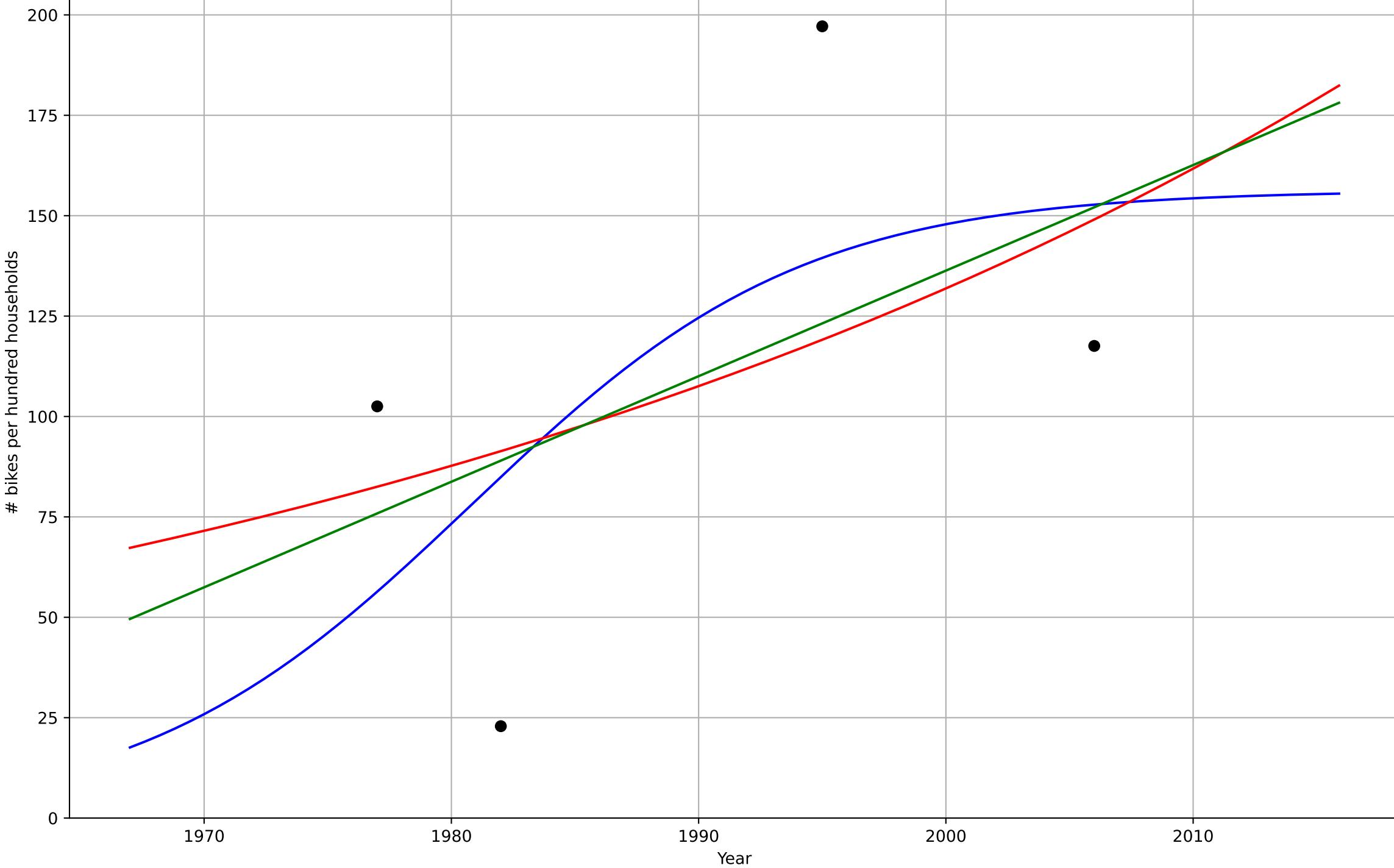
act\_bei\_1.1Ado\_d060\_m028



active mobility  
 China  
 1.1 Adoption over time  
 Bicycle ownership  
 # bikes per hundred households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1981, Dt=29.4, K=156	0.149	0.311	-inf	51.3	50.3
Exponential	3.2*exp(0.0204*(x-1818))	0.0204	0.204	-1.39	55.2	49.5
Linear	intercept=-5.12e+03, slope=2.63	2.63	0.232	-1.3	54.2	50.3

act\_chi\_1.1Ado\_d061\_m002



active mobility

China

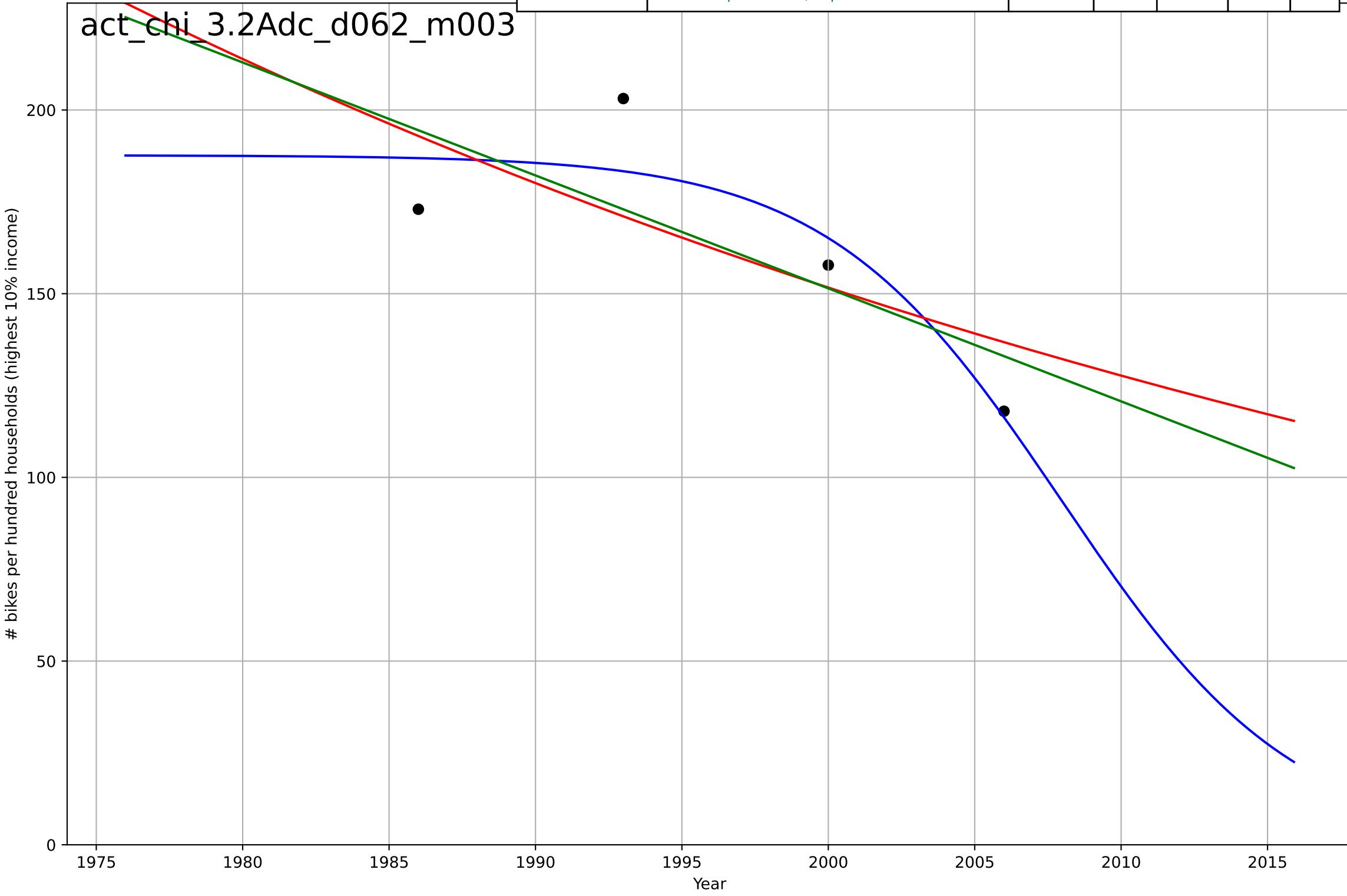
3.2 Adopter characteristics

Bicycle ownership among income groups

# bikes per hundred households (highest 10% income)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=-17.5, K=188$	-0.25	0.829	-inf	12.7	10.7
Exponential	$280 \cdot \exp(-0.0172 \cdot (x-1964))$	-0.0172	0.517	-0.449	21.3	19.2
Linear	intercept=6.3e+03, slope=-3.07	-3.07	0.565	-0.305	20.2	18.2

act\_chi\_3.2Adc\_d062\_m003



active mobility

China

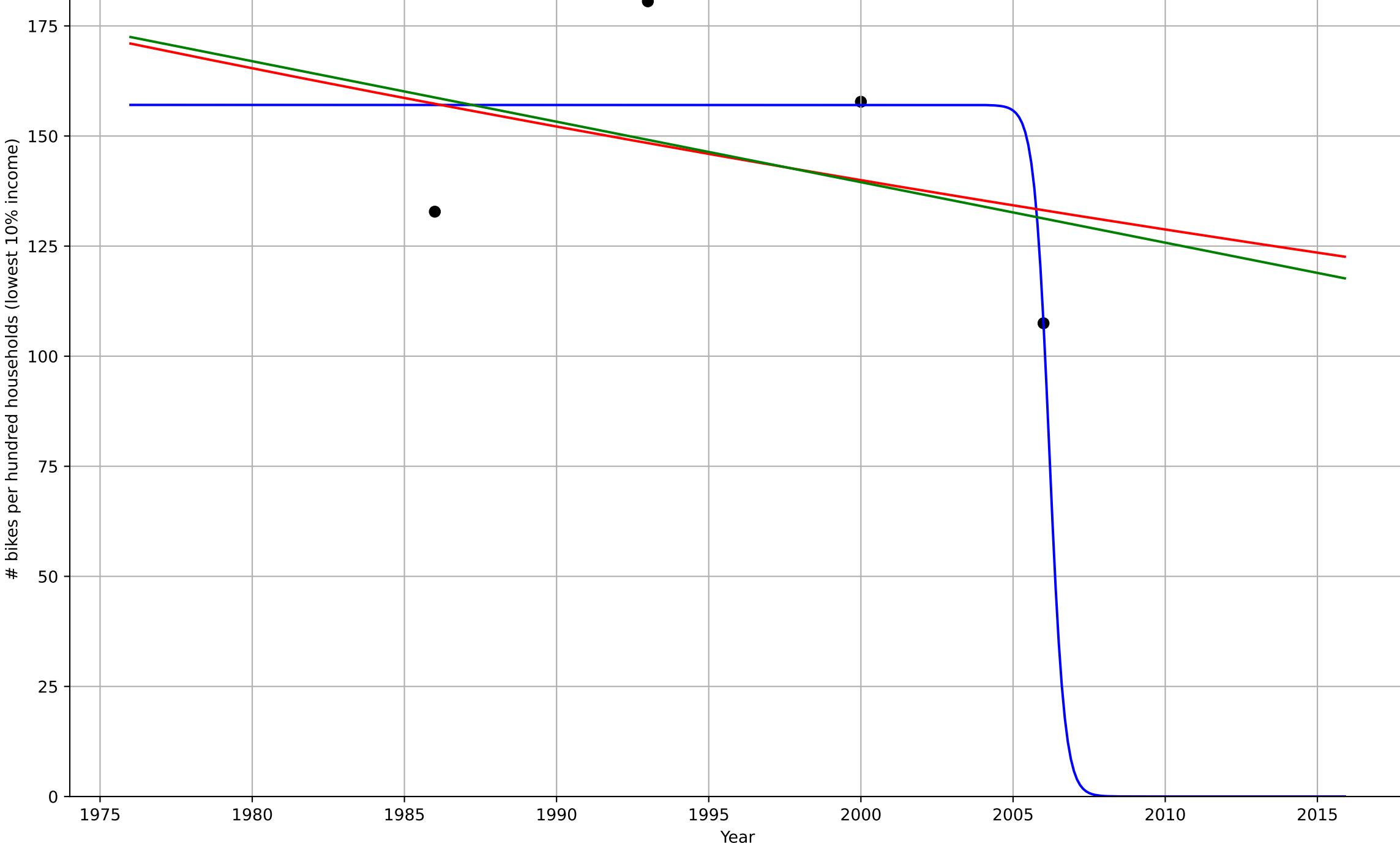
3.2 Adopter characteristics

Bicycle ownership among income groups

# bikes per hundred households (lowest 10% in

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2006, Dt=-1.09, K=157	-4.04	0.618	-inf	16.9	12.1
Exponential	228*exp(-0.00834*(x-1942))	-0.00834	0.125	-1.62	25.6	25
Linear	intercept=2.89e+03, slope=-1.37	-1.37	0.142	-1.57	25.3	24.9

act\_chi\_3.2Adc\_d062\_m004



active mobility

China

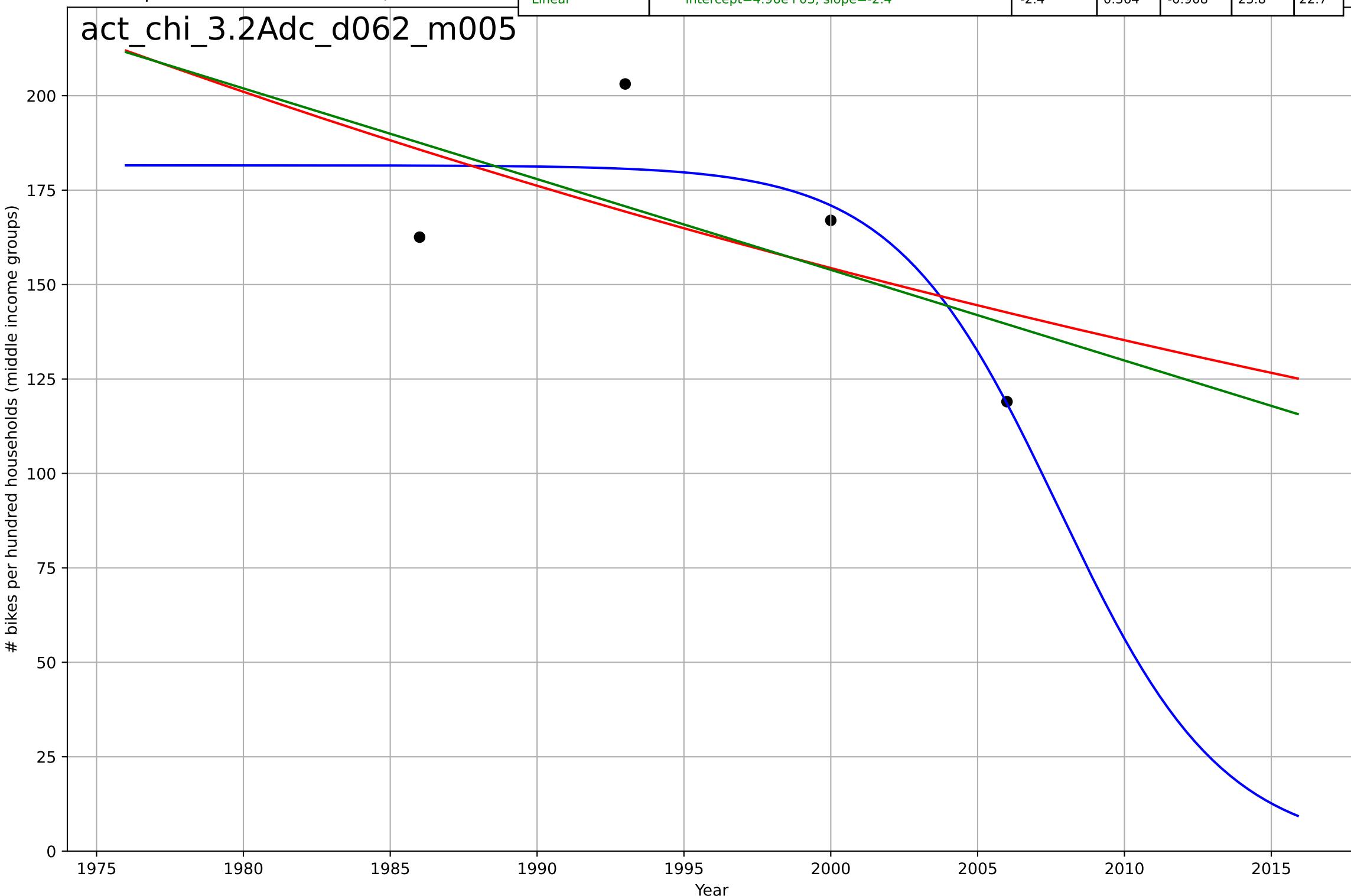
3.2 Adopter characteristics

Bicycle ownership among income groups

# bikes per hundred households (middle income groups)

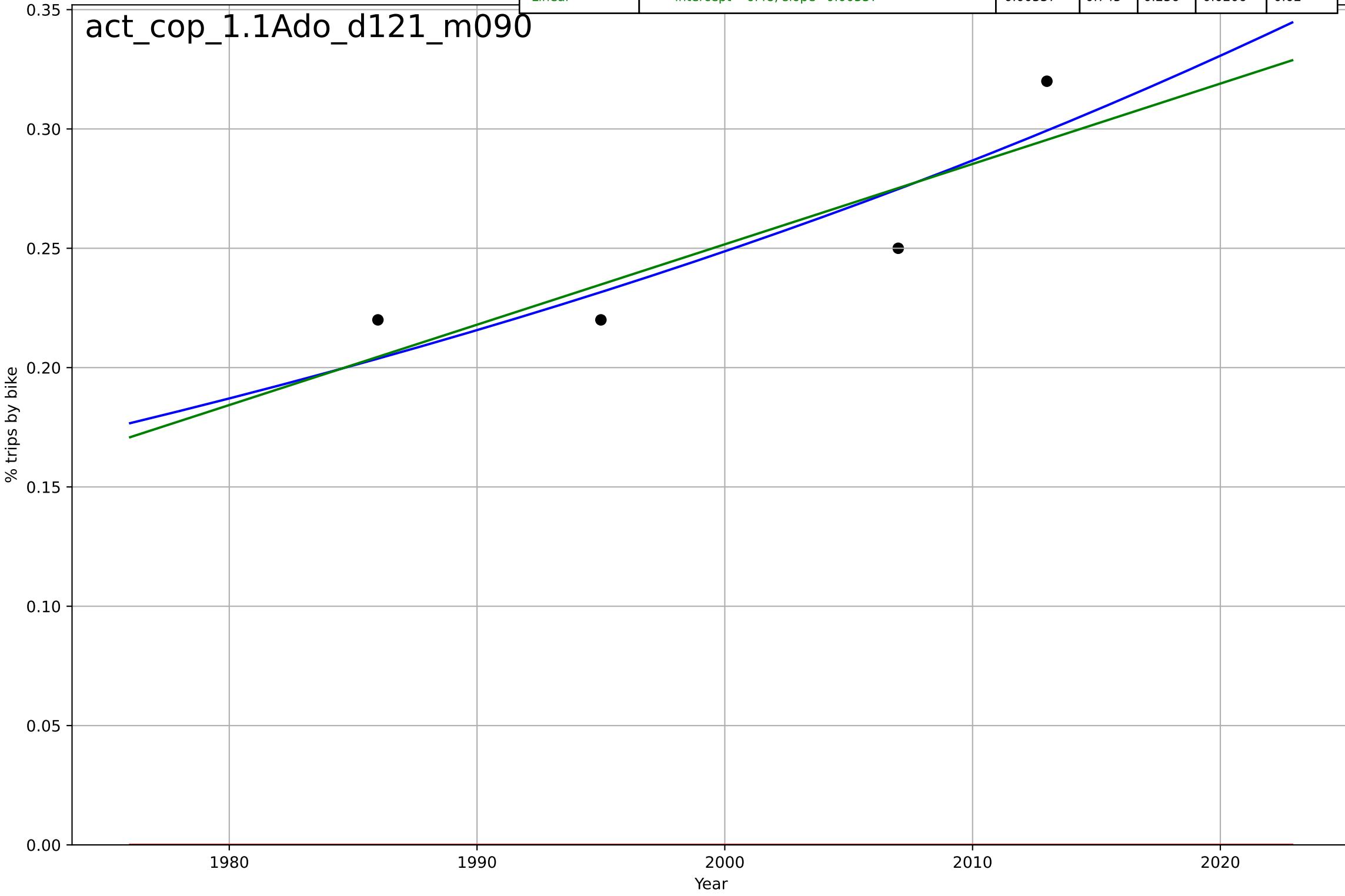
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=-12.3, K=182	-0.358	0.753	-inf	14.8	11.5
Exponential	268*exp(-0.0132*(x-1958))	-0.0132	0.327	-1.02	24.5	23.3
Linear	intercept=4.96e+03, slope=-2.4	-2.4	0.364	-0.908	23.8	22.7

act\_chi\_3.2Adc\_d062\_m005



active mobility  
 Copenhagen  
 1.1 Adoption over time  
 Modal share of all trips by residents (bike)  
 % trips by bike

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2698, D_t=309, K=5.18e+03$	0.0142	0.784	-inf	0.019	0.0183
Exponential	$1.56e+03 \cdot \exp(0.0013 \cdot (x - 157448))$	0.0013	-38.2	-117	0.256	0.253
Linear	intercept=-6.48, slope=0.00337	0.00337	0.745	0.236	0.0206	0.02



active mobility

Copenhagen

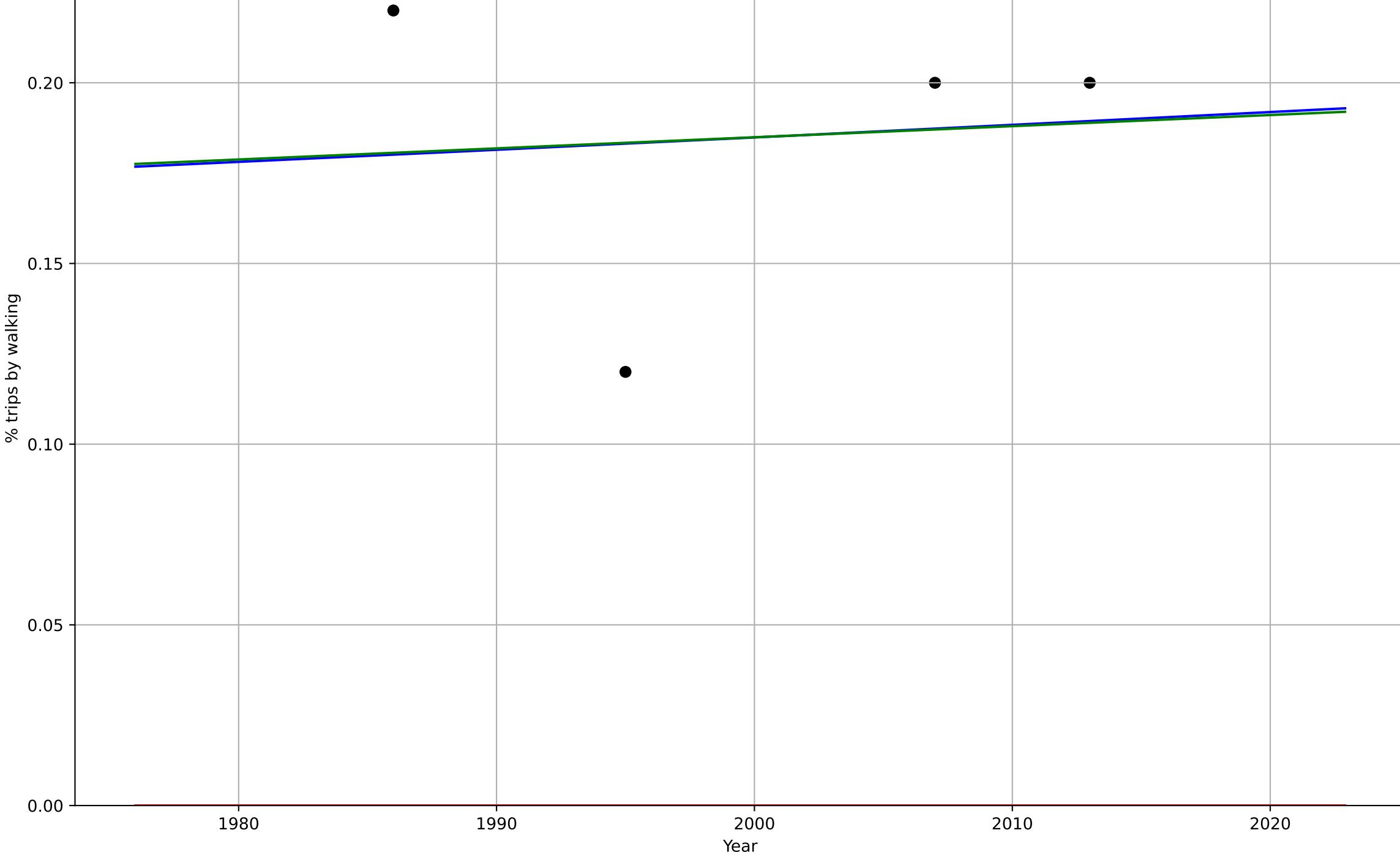
1.1 Adoption over time

Modal share of all trips by residents (walk)

% trips by walking

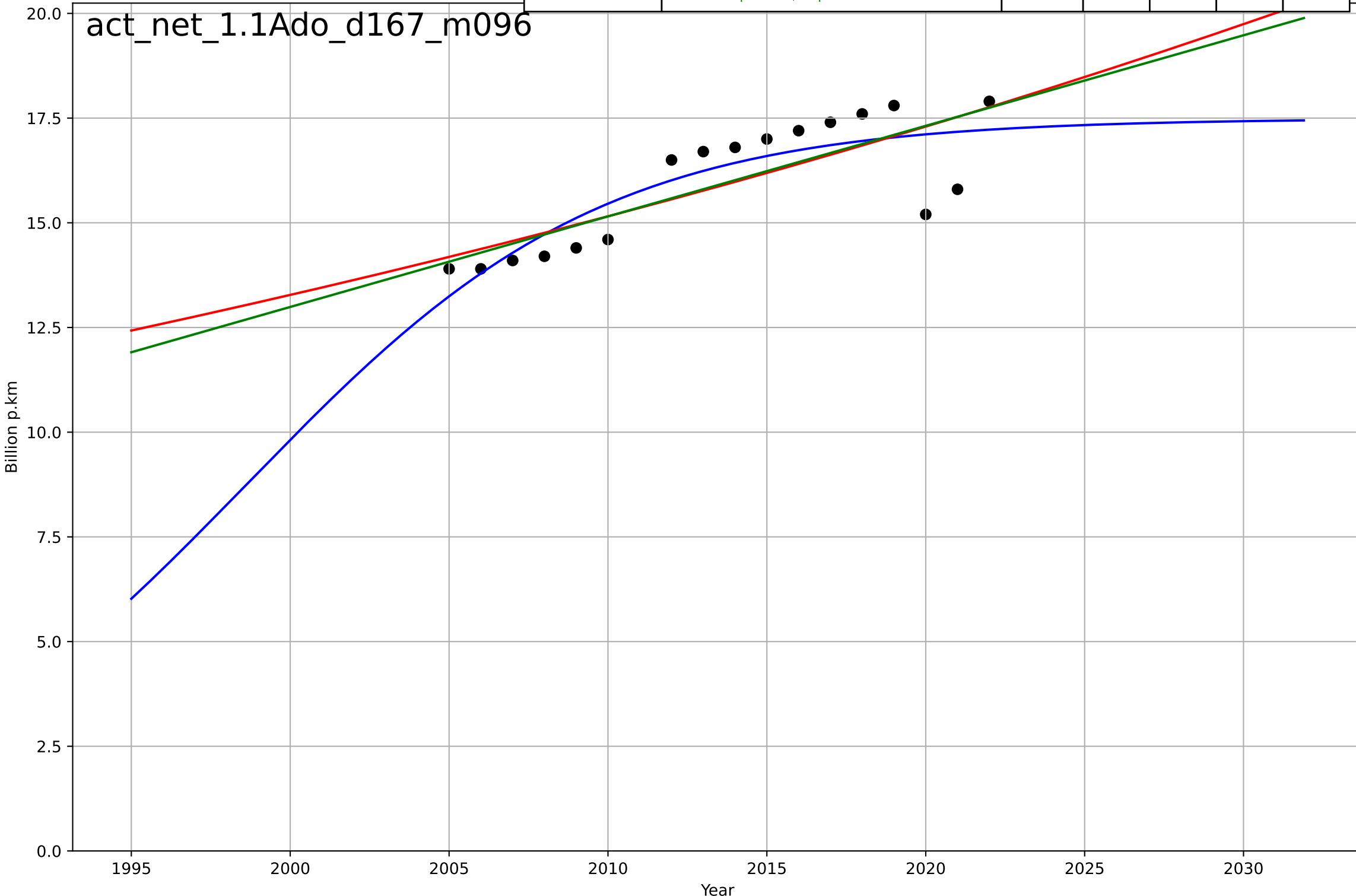
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=5399, Dt=2.35e+03, K=106$	0.00187	0.00787	-inf	0.0383	0.0316
Exponential	$1.56e+03 \cdot \exp(0.00101 \cdot (x-157444))$	0.00101	-23.2	-71.6	0.189	0.185
Linear	intercept=-0.43, slope=0.000308	0.000308	0.00704	-1.98	0.0383	0.0317

act\_cop\_1.1Ado\_d122\_m091



active mobility  
 The Netherlands  
 1.1 Adoption over time  
 Passenger kilometres travelled by bike  
 Billion p.km

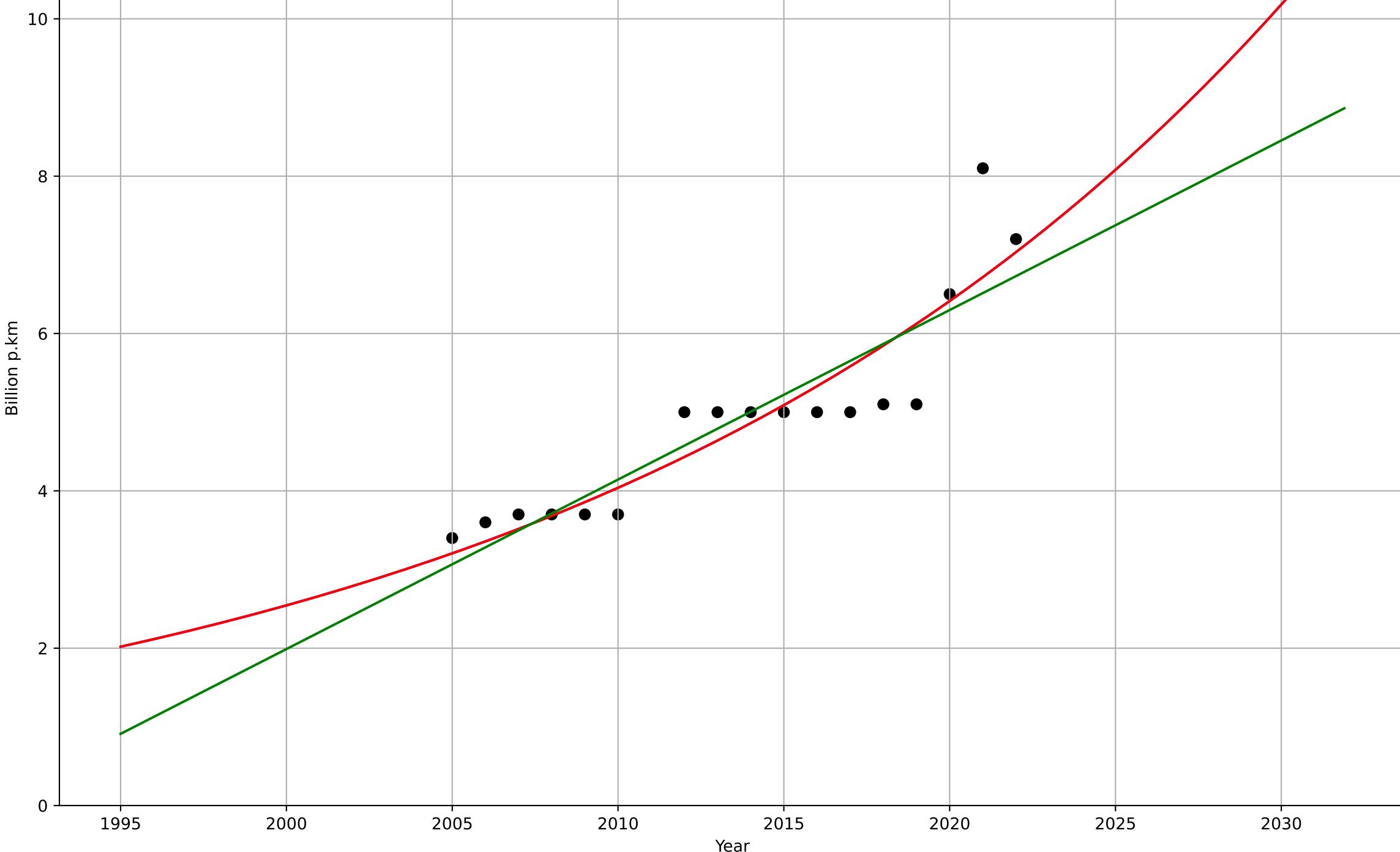
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=24.7, K=17.5$	0.178	0.715	0.65	0.776	0.655
Exponential	$6.67 \cdot \exp(0.0132 \cdot (x-1948))$	0.0132	0.604	0.547	0.916	0.789
Linear	intercept=-420, slope=0.216	0.216	0.621	0.567	0.896	0.755



active mobility  
 The Netherlands  
 1.1 Adoption over time  
 Passenger kilometres travelled by foot  
 Billion p.km

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2242, D_t=95.1, K=1.81e+05$	0.0462	0.83	0.79	0.529	0.389
Exponential	$7.98 \cdot \exp(0.0462 \cdot (x-2025))$	0.0462	0.83	0.805	0.529	0.389
Linear	intercept=-429, slope=0.215	0.215	0.795	0.766	0.58	0.441

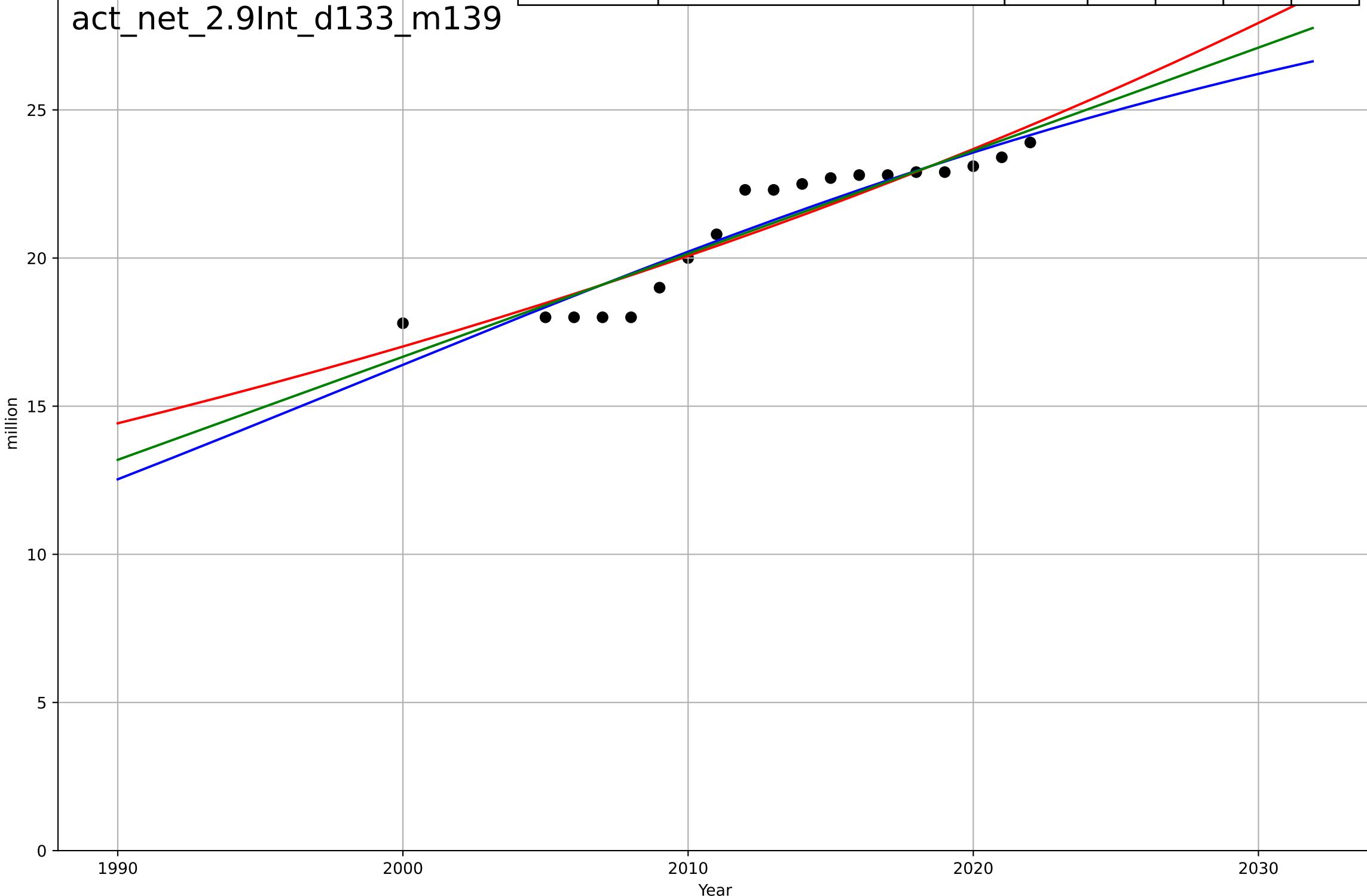
act\_net\_1.1Ado\_d168\_m096



active mobility  
 The Netherlands  
 2.9 Interdependence with hardware  
 Number of bicycles  
 million

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=89.2, K=31.9$	0.0492	0.87	0.844	0.792	0.662
Exponential	$5.13 \cdot \exp(0.0165 \cdot (x-1927))$	0.0165	0.859	0.841	0.826	0.717
Linear	intercept=-679, slope=0.348	0.348	0.866	0.849	0.806	0.692

act\_net\_2.9Int\_d133\_m139



climate protest

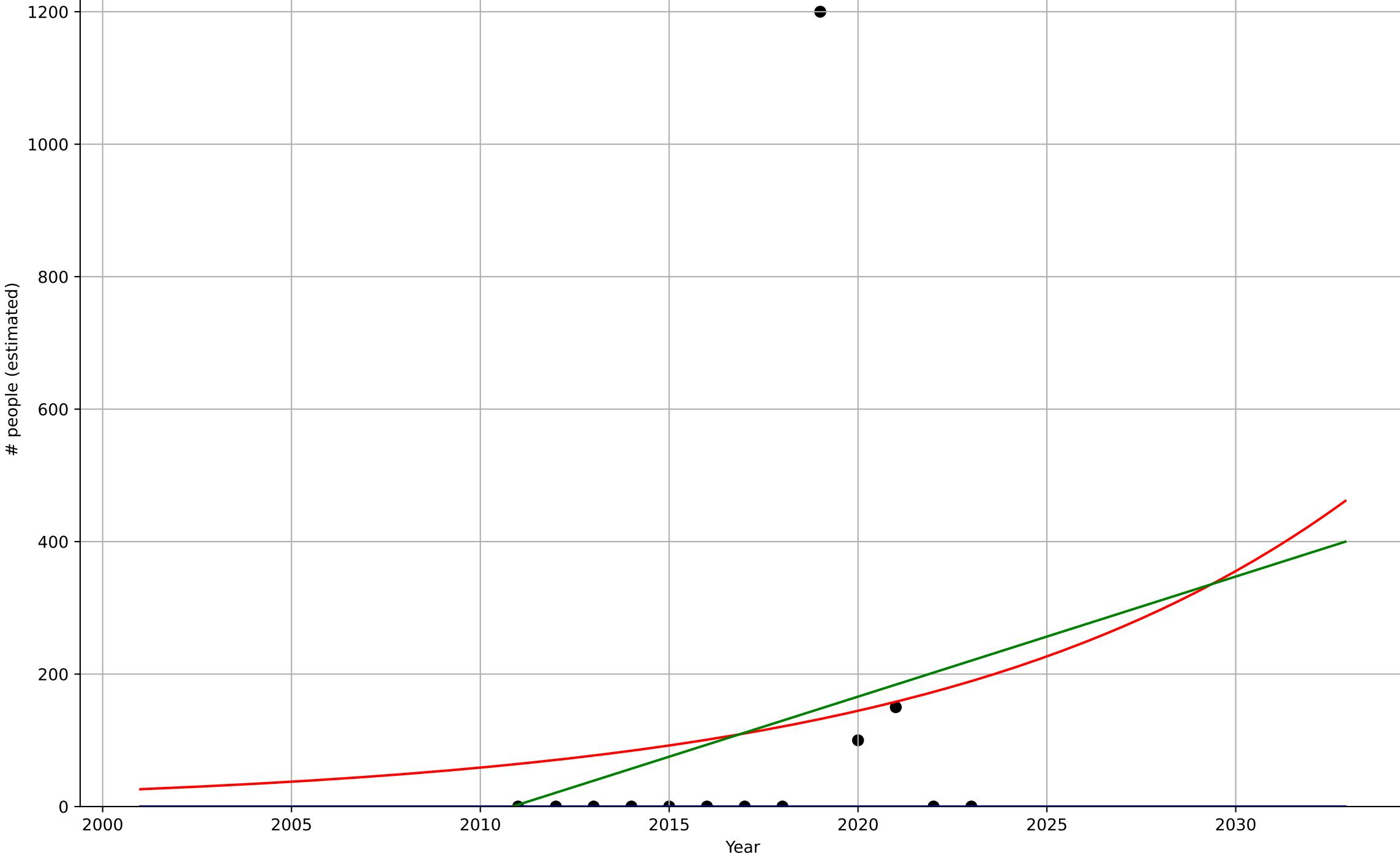
Bangladesh

### 1.1 Adoption over Time

Count of participants at protest events related  
# people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=987, Dt=-161, K=-638	-0.0273	-0.123	-0.498	337	112
Exponential	0.0236*exp(0.09*(x-1923))	0.09	0.0267	-0.168	313	169
Linear	intercept=-3.65e+04, slope=18.1	18.1	0.0456	-0.145	310	162

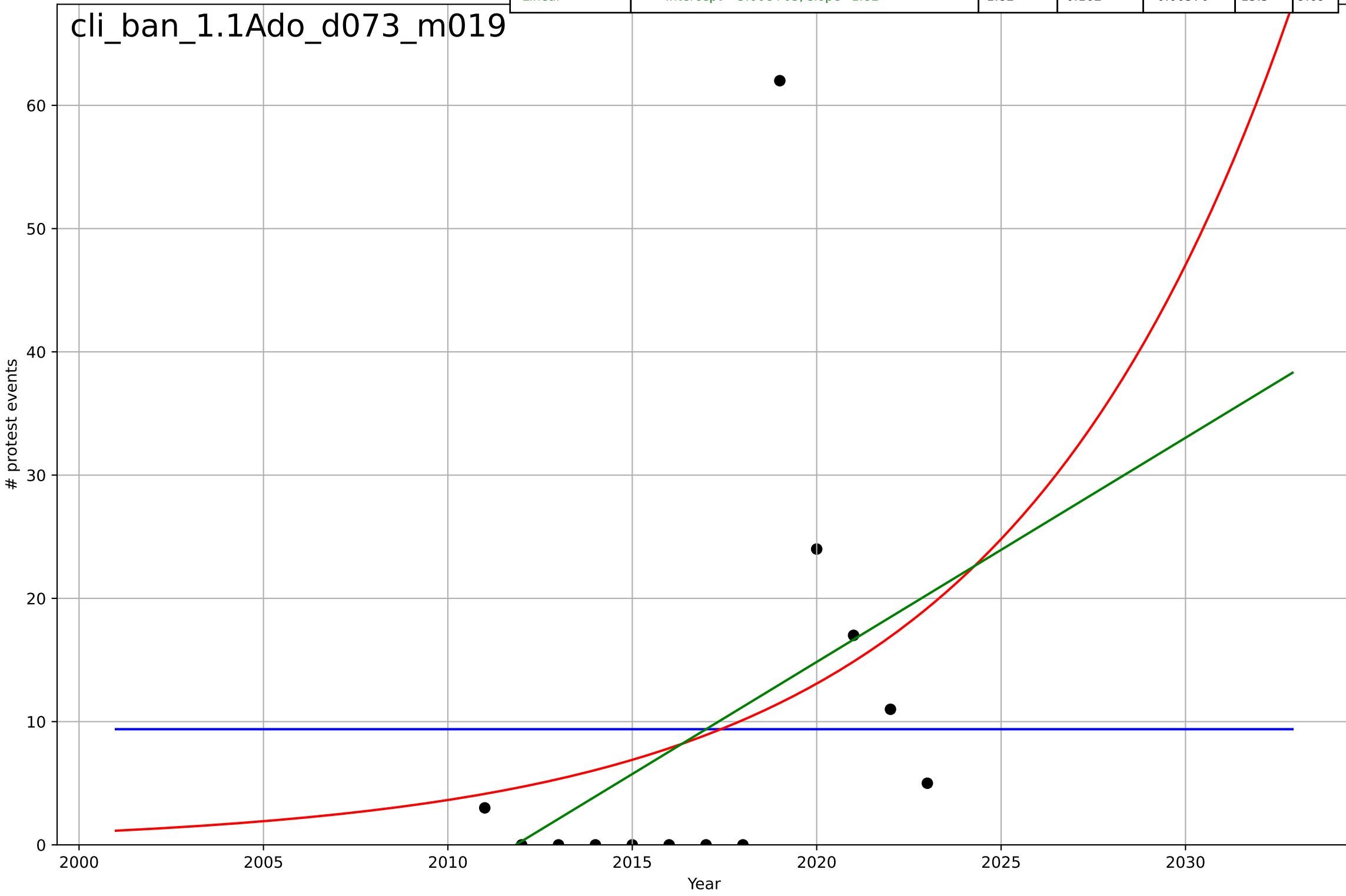
cli\_ban\_1.1Ado\_d072\_m017



climate protest  
 Bangladesh  
 1.1 Adoption over Time  
 Count of protest events related to climate  
 # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2528, Dt=-64.1, K=9.38	-0.0686	-1.6e-14	-0.333	16.9	11.8
Exponential	9.2*exp(0.128*(x-2017))	0.128	0.116	-0.0613	15.9	10.4
Linear	intercept=-3.66e+03, slope=1.82	1.82	0.162	-0.00576	15.5	9.69

cli\_ban\_1.1Ado\_d073\_m019



climate protest

Bangladesh

1.1 Adoption over Time

cumulative Count of participants at protest eve  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=0.57, K=1.41e+03$	7.71	0.997	0.996	36	17.6
Exponential	$1.28e-07 \cdot \exp(0.266 \cdot (x-1935))$	0.266	0.76	0.712	328	283
Linear	intercept=-3.1e+05, slope=154	154	0.742	0.69	340	287

cli\_ban\_1.1Ado\_d240\_m154

cumulative # people (estimated)

2000

2005

2010

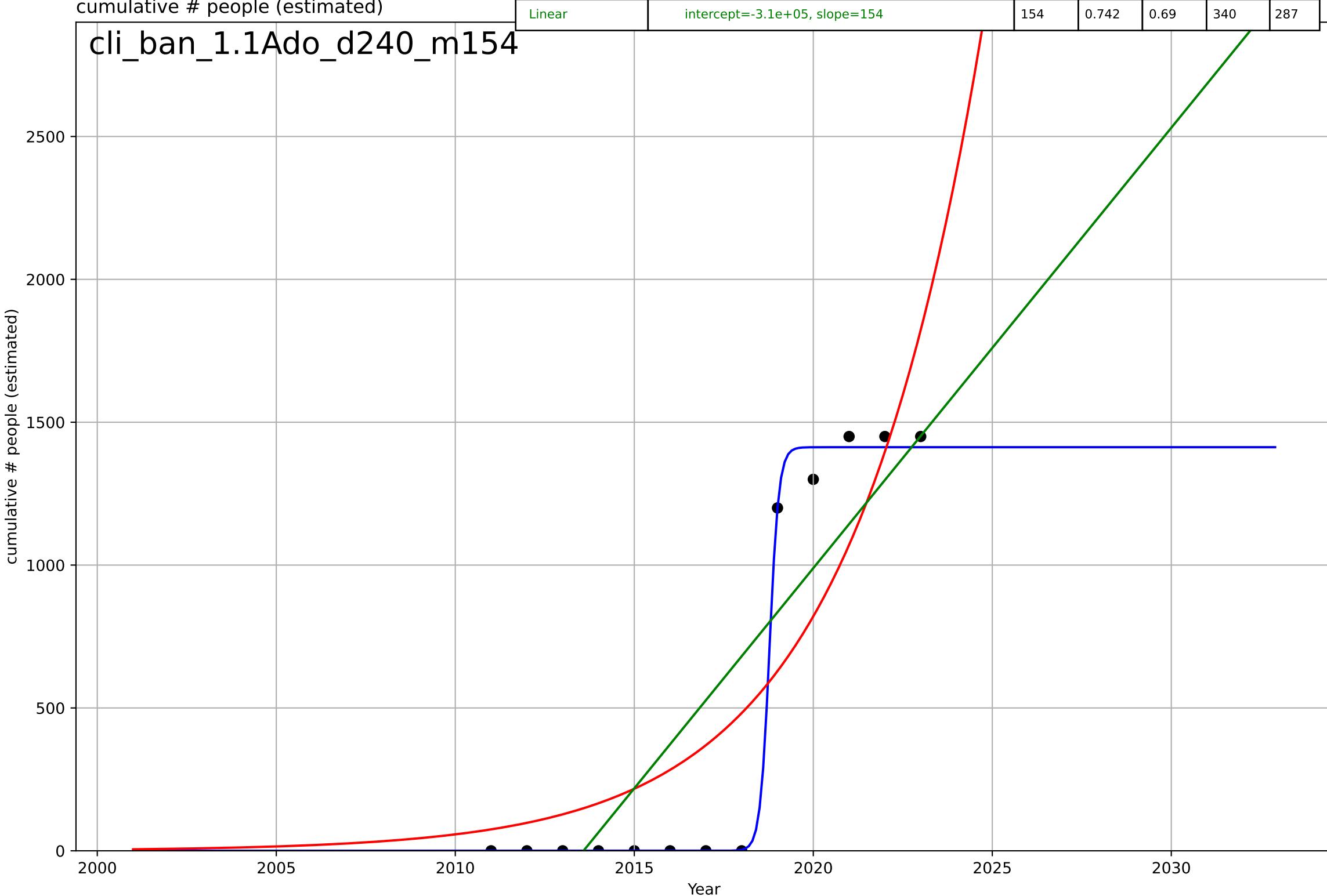
2015

2020

2025

2030

Year



climate protest

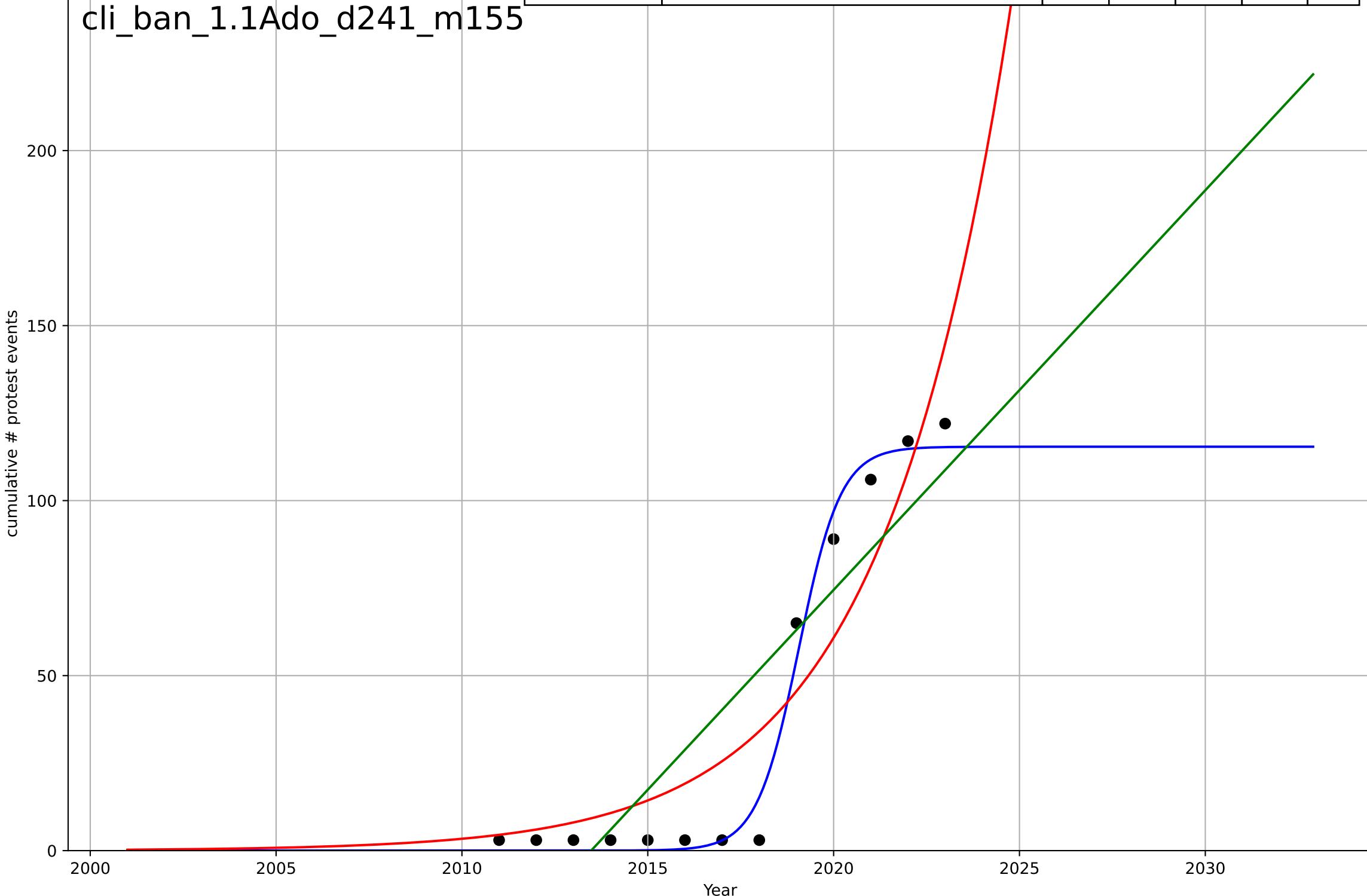
Bangladesh

1.1 Adoption over Time

cumulative Count of protest events related to climate change  
cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=2.48, K=115$	1.77	0.985	0.98	5.93	4.84
Exponential	$0.00218 \cdot \exp(0.289 \cdot (x-1985))$	0.289	0.86	0.832	18.3	15.6
Linear	intercept=-2.3e+04, slope=11.4	11.4	0.766	0.719	23.6	19.9

cli\_ban\_1.1Ado\_d241\_m155



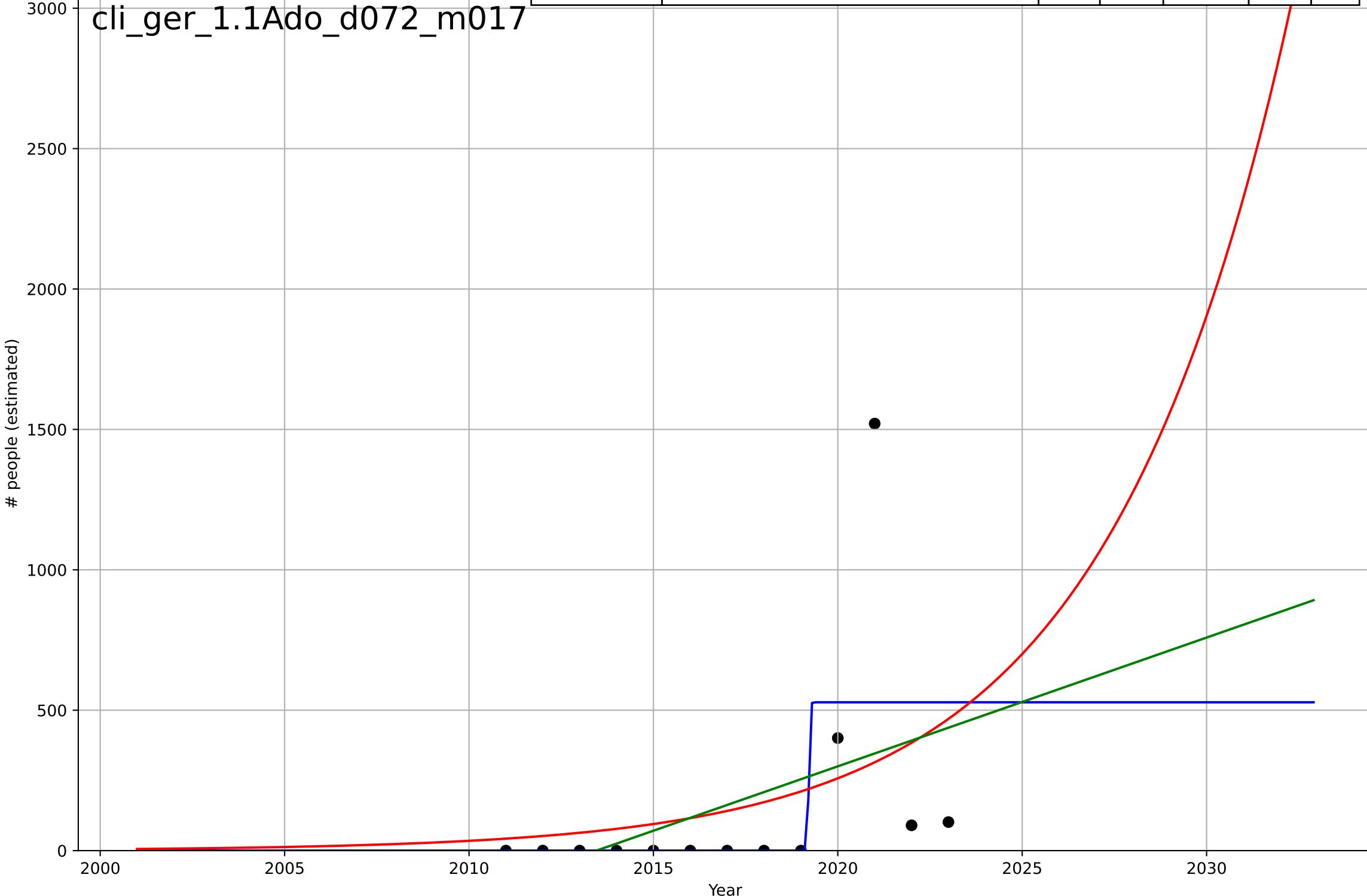
# climate protest

## Germany

## 1.1 Adoption over Time

## Count of participants at protest events related # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=0.0725, K=528	60.6	0.36	0.146	325	153
Exponential	0.000384*exp(0.2*(x-1953))	0.2	0.149	-0.0212	375	229
Linear	intercept=-9.23e+04, slope=45.9	45.9	0.178	0.0138	369	227



climate protest

Germany

## 1.1 Adoption over Time

Count of protest events related to climate

# protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2026, D_t=7.92, K=5.22e+03$	0.555	0.926	0.902	71.3	50.8
Exponential	$3.61e-08 \cdot \exp(0.512 \cdot (x-1976))$	0.512	0.926	0.911	71.4	51.4
Linear	intercept=-1.1e+05, slope=54.5	54.5	0.601	0.521	166	125

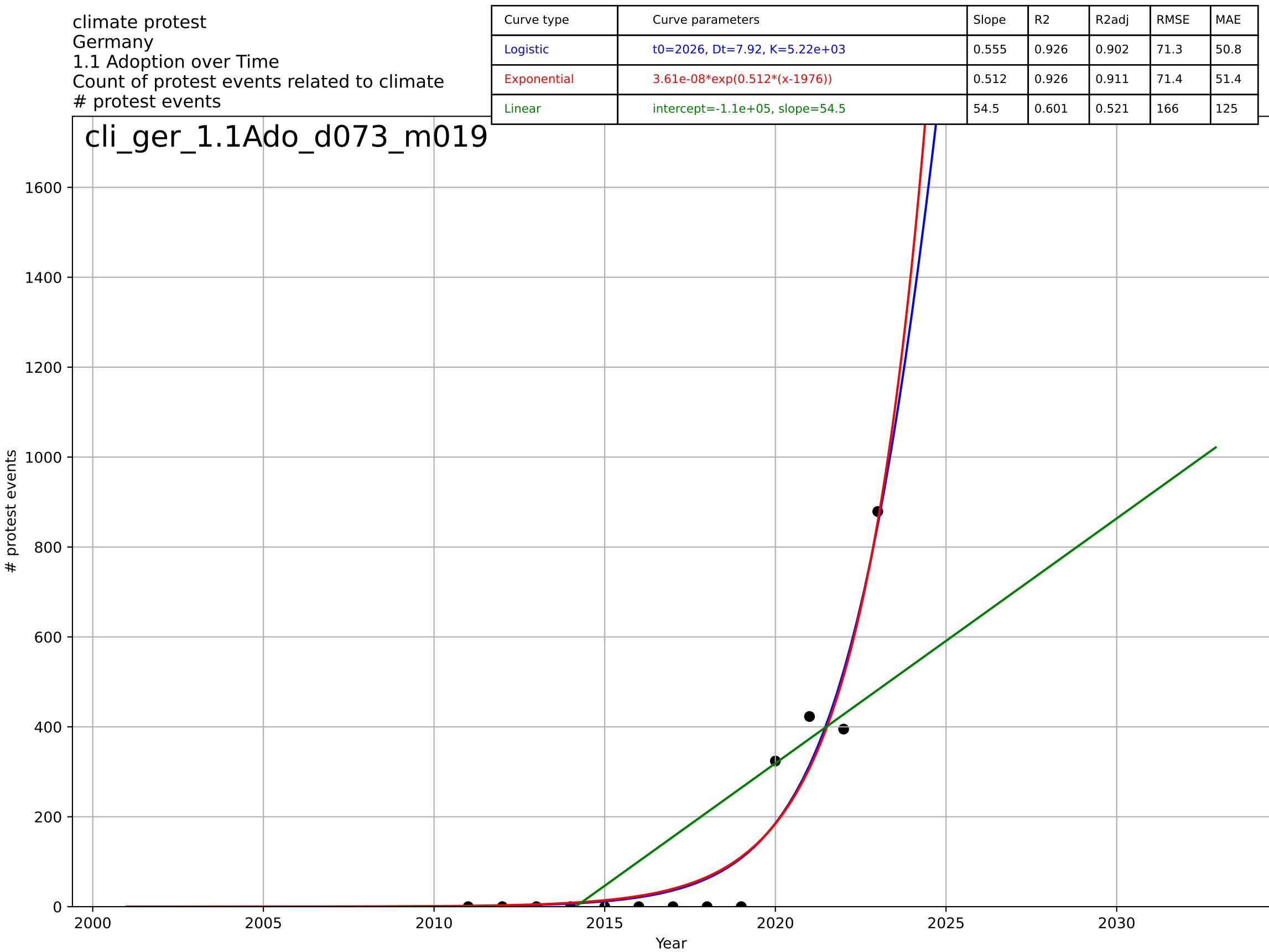
cli\_ger\_1.1Ado\_d073\_m019

# protest events

1600  
1400  
1200  
1000  
800  
600  
400  
200  
0

2000 2005 2010 2015 2020 2025 2030

Year



climate protest

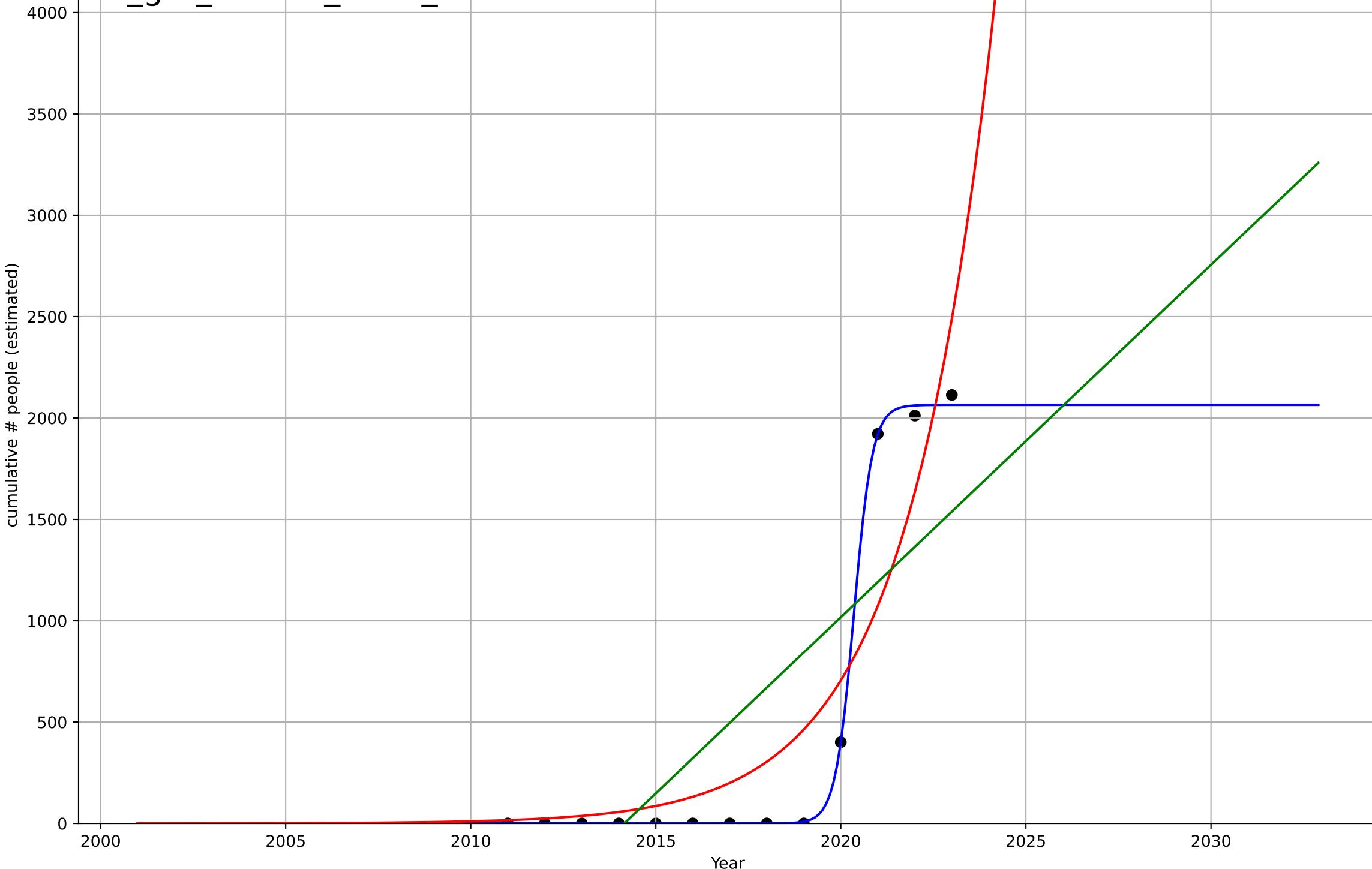
Germany

1.1 Adoption over Time

cumulative Count of participants at protest events  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=1.1, K=2.06e+03$	4.01	0.999	0.999	19.6	8.43
Exponential	$4.56e-10 \cdot \exp(0.42 \cdot (x-1953))$	0.42	0.839	0.807	336	248
Linear	intercept=-3.5e+05, slope=174	174	0.599	0.519	532	476

cli\_ger\_1.1Ado\_d240\_m154



climate protest

Germany

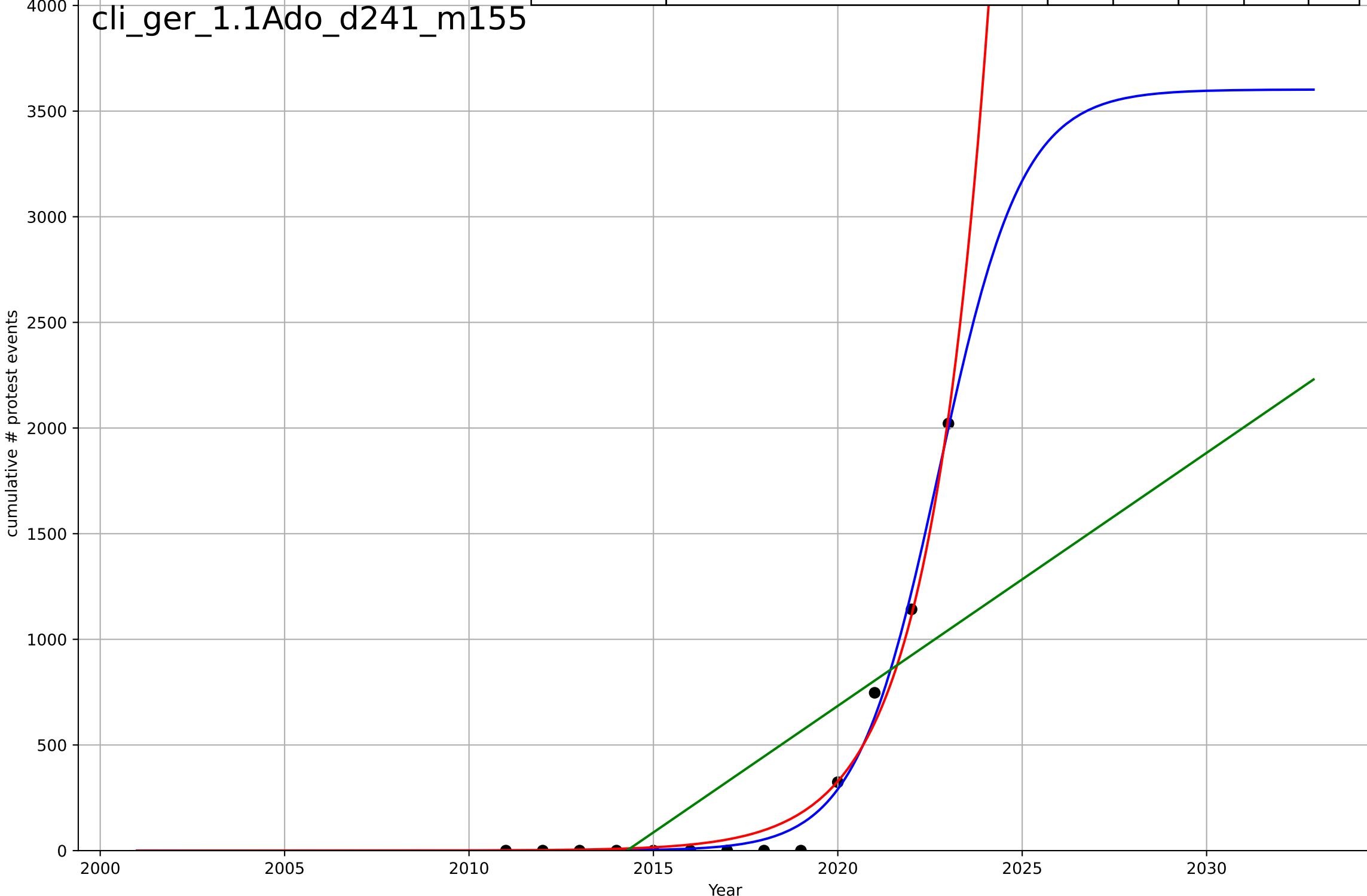
1.1 Adoption over Time

cumulative Count of protest events related to climate protest

cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=4.96, K=3.6e+03	0.885	0.991	0.988	56.1	36
Exponential	8.36e-12*exp(0.612*(x-1969))	0.612	0.986	0.983	71.8	45.8
Linear	intercept=-2.41e+05, slope=120	120	0.559	0.47	398	315

cli\_ger\_1.1Ado\_d241\_m155



climate protest

Global

1.1 Adoption over Time

Count of participants at protest events related to climate protest

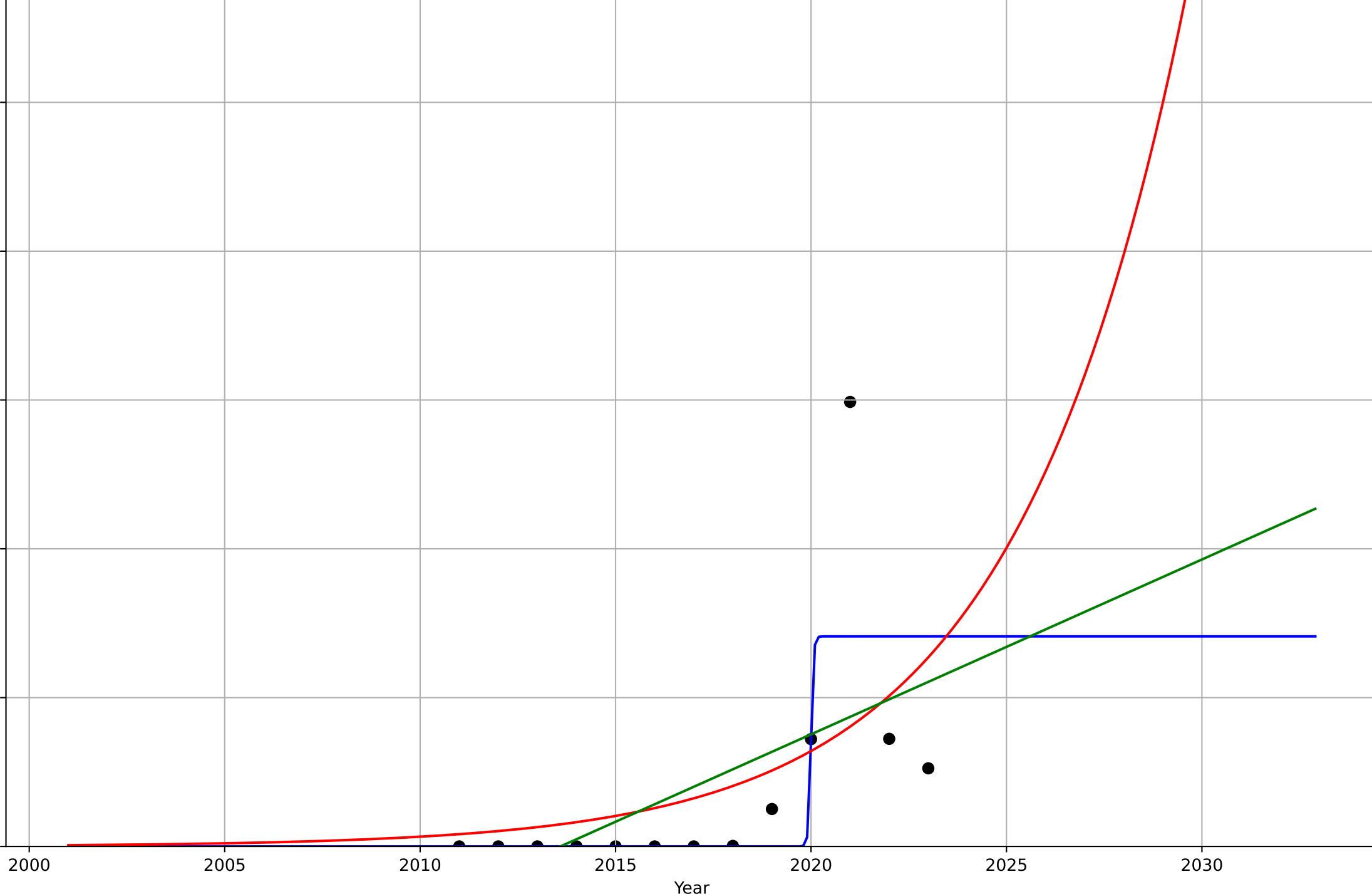
# people (estimated)

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=0.14, K=2.82e+05$	31.3	0.537	0.382	1.08e+05	5.24e+04
Exponential	$1.18e-10 \cdot \exp(0.228 \cdot (x-1868))$	0.228	0.281	0.137	1.35e+05	8.03e+04
Linear	intercept=-4.73e+07, slope=2.35e+04	2.35e+04	0.306	0.167	1.32e+05	8.23e+04

cli\_glo\_1.1Ado\_d072\_m017

# people (estimated)



climate protest

Global

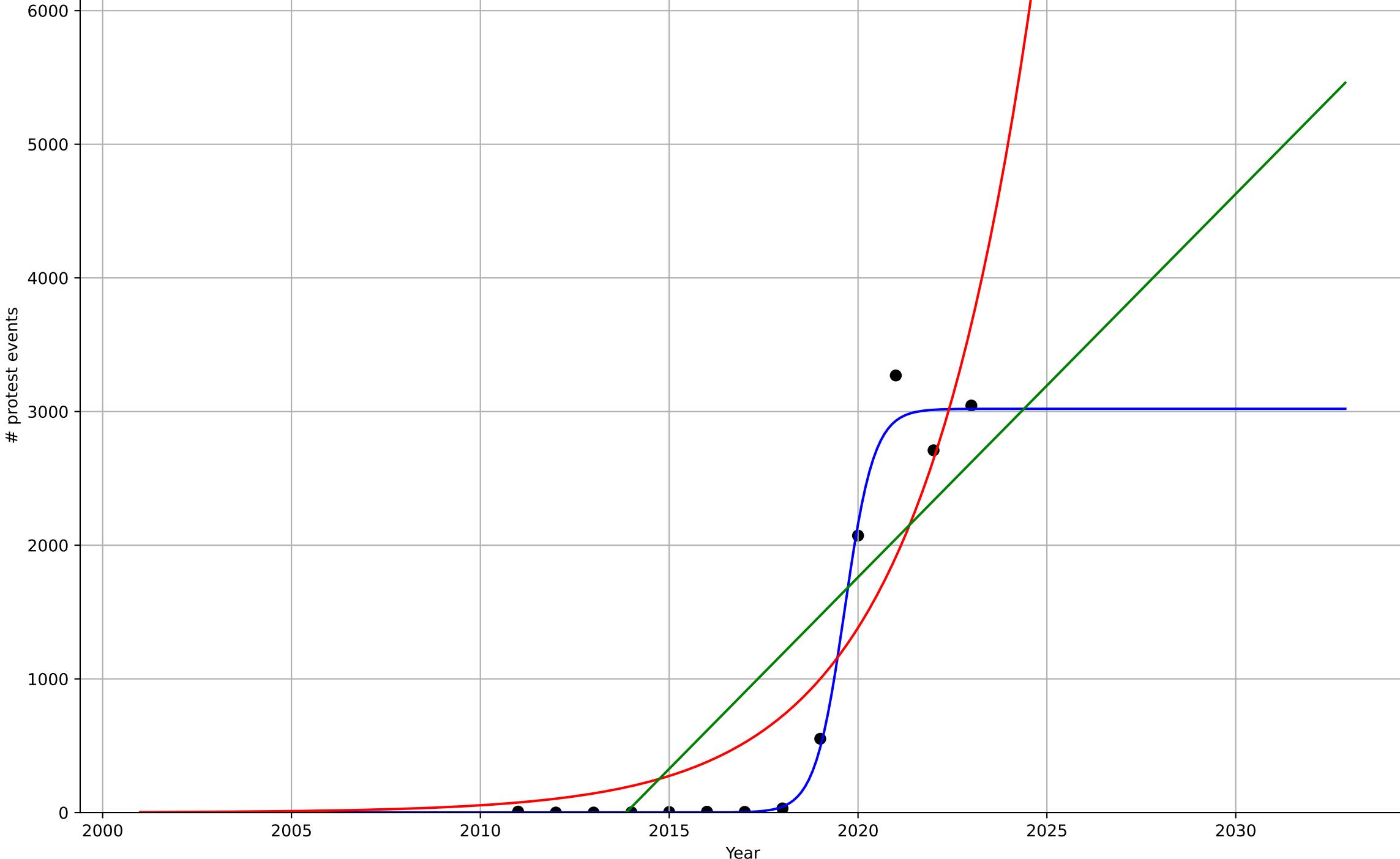
1.1 Adoption over Time

Count of protest events related to climate

# protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=1.71, K=3.02e+03$	2.57	0.99	0.986	130	65.6
Exponential	$1.48e-08 \cdot \exp(0.324 \cdot (x-1942))$	0.324	0.816	0.779	550	426
Linear	intercept=-5.77e+05, slope=287	287	0.7	0.64	702	606

cli\_glo\_1.1Ado\_d073\_m019



climate protest

Global

1.1 Adoption over Time

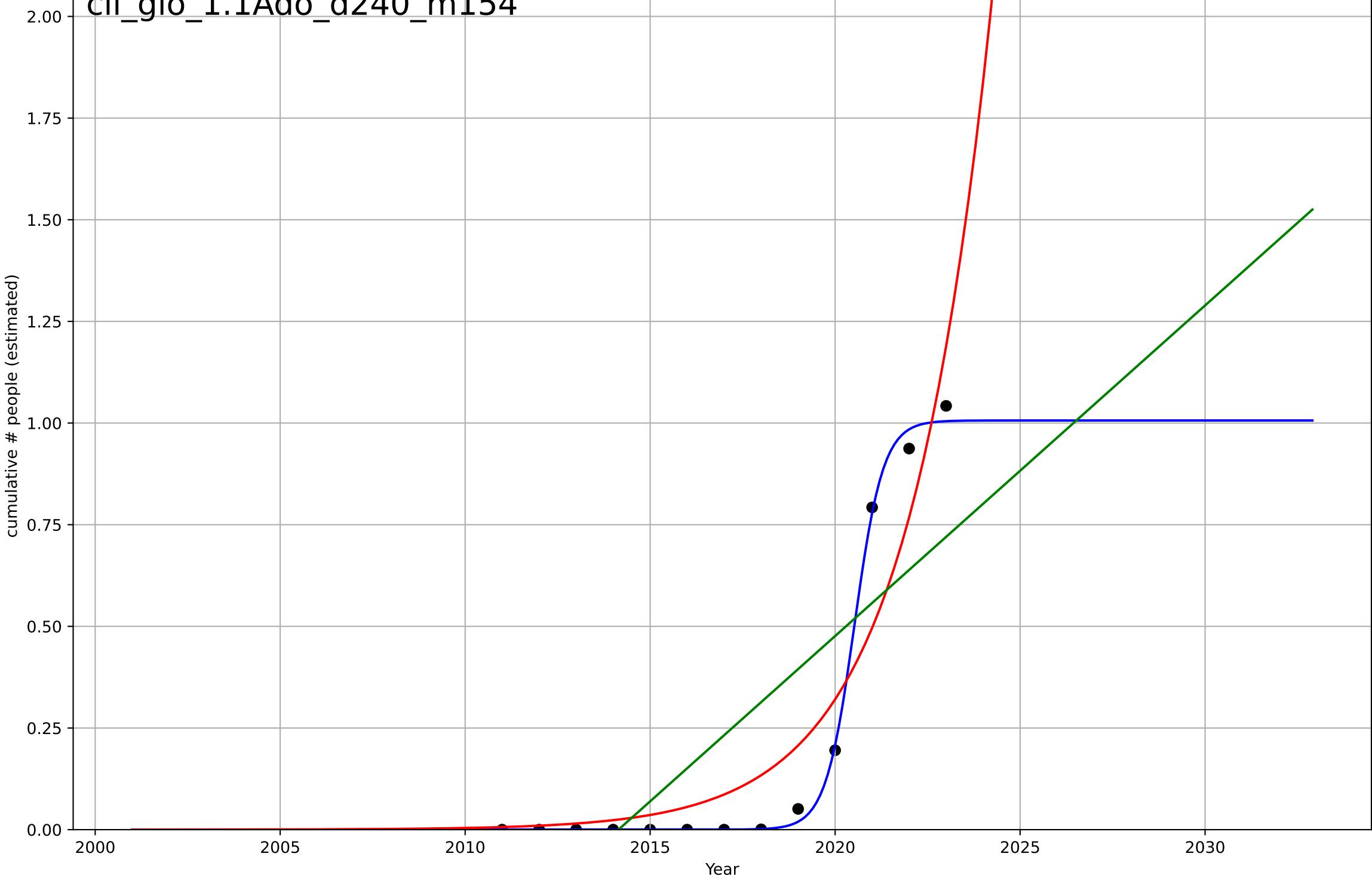
cumulative Count of participants at protest eve

cumulative # people (estimated)

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=1.71, K=1.01e+06$	2.58	0.997	0.997	1.96e+04	1.1e+04
Exponential	$2.46e-18 \cdot \exp(0.437 \cdot (x-1898))$	0.437	0.892	0.87	1.27e+05	9.69e+04
Linear	intercept=-1.64e+08, slope=8.13e+04	8.13e+04	0.623	0.547	2.37e+05	2.14e+05

cli\_glo\_1.1Ado\_d240\_m154



climate protest

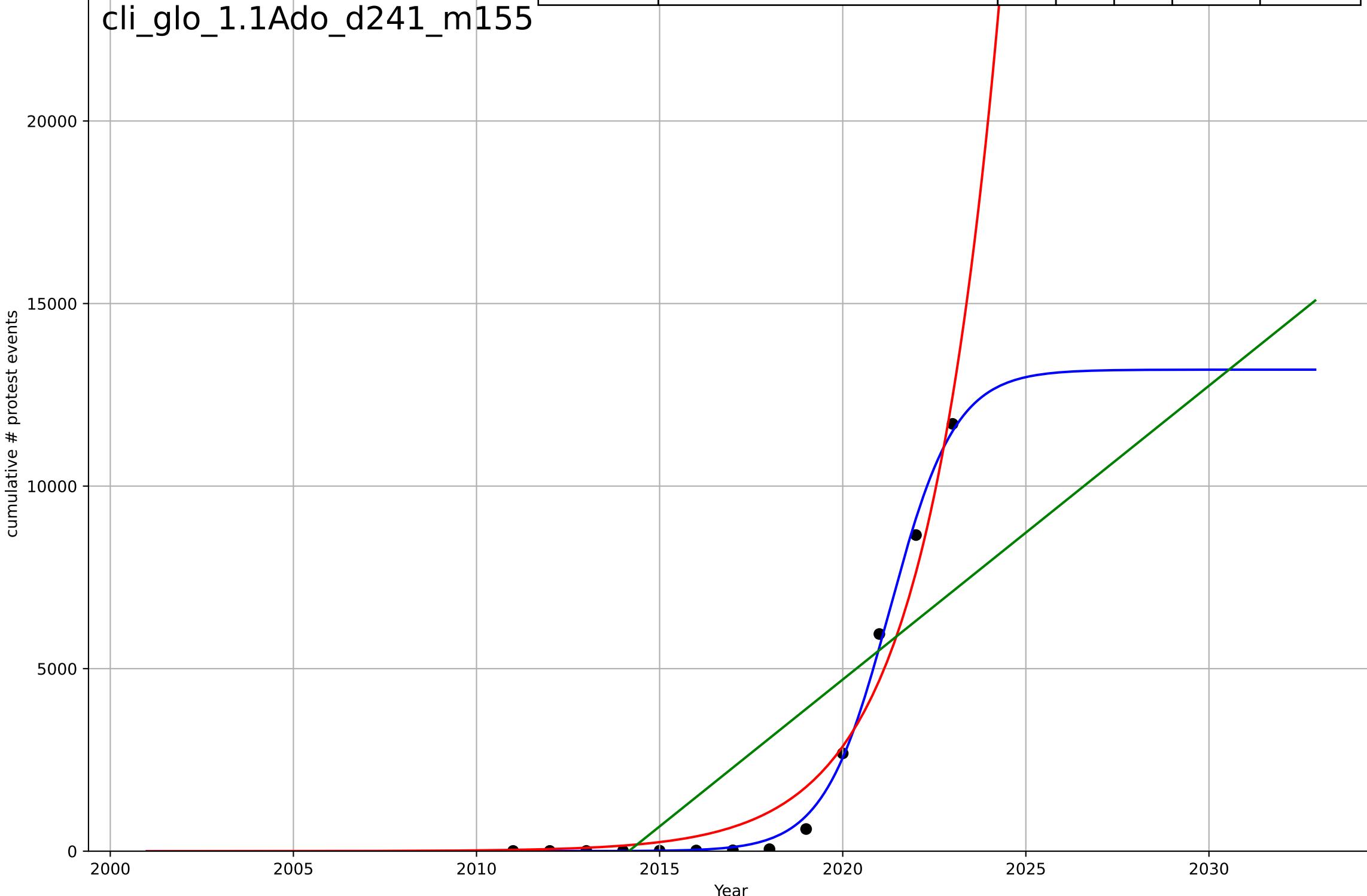
Global

1.1 Adoption over Time

cumulative Count of protest events related to climate protest  
cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=3.94, K=1.32e+04$	1.12	0.997	0.996	217	147
Exponential	$2.94e-13 \cdot \exp(0.489 \cdot (x-1945))$	0.489	0.966	0.96	695	537
Linear	intercept=-1.62e+06, slope=805	805	0.631	0.557	2.3e+03	1.96e+03

cli\_glo\_1.1Ado\_d241\_m155



climate protest

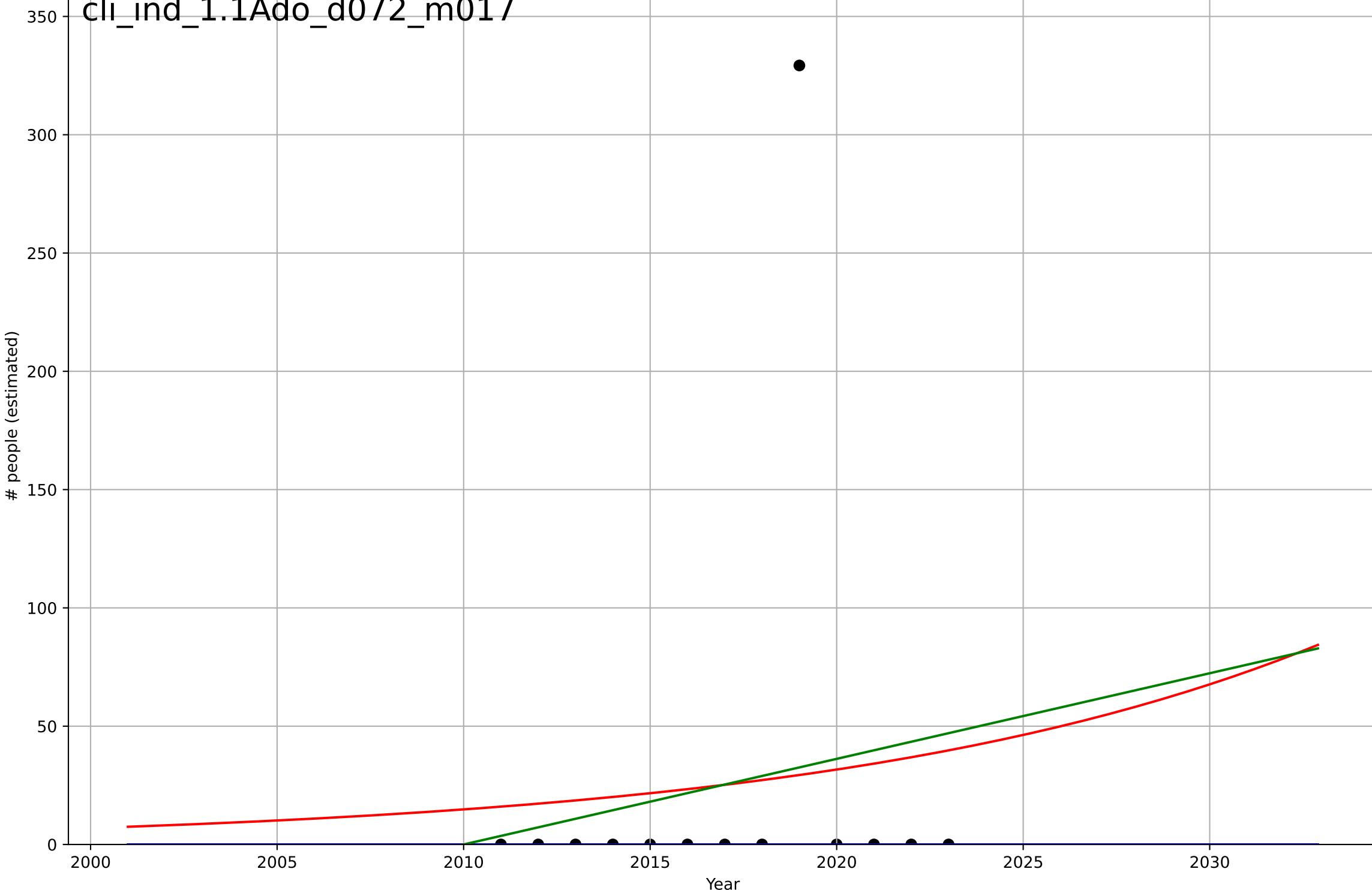
India

### 1.1 Adoption over Time

Count of participants at protest events related to climate protest  
# people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2305, D_t=40.1, K=571$	0.11	-0.0833	-0.444	91.3	25.3
Exponential	$1.09 \cdot \exp(0.076 \cdot (x-1976))$	0.076	0.0132	-0.184	87.2	47.1
Linear	intercept=-7.27e+03, slope=3.62	3.62	0.0238	-0.171	86.7	45.6

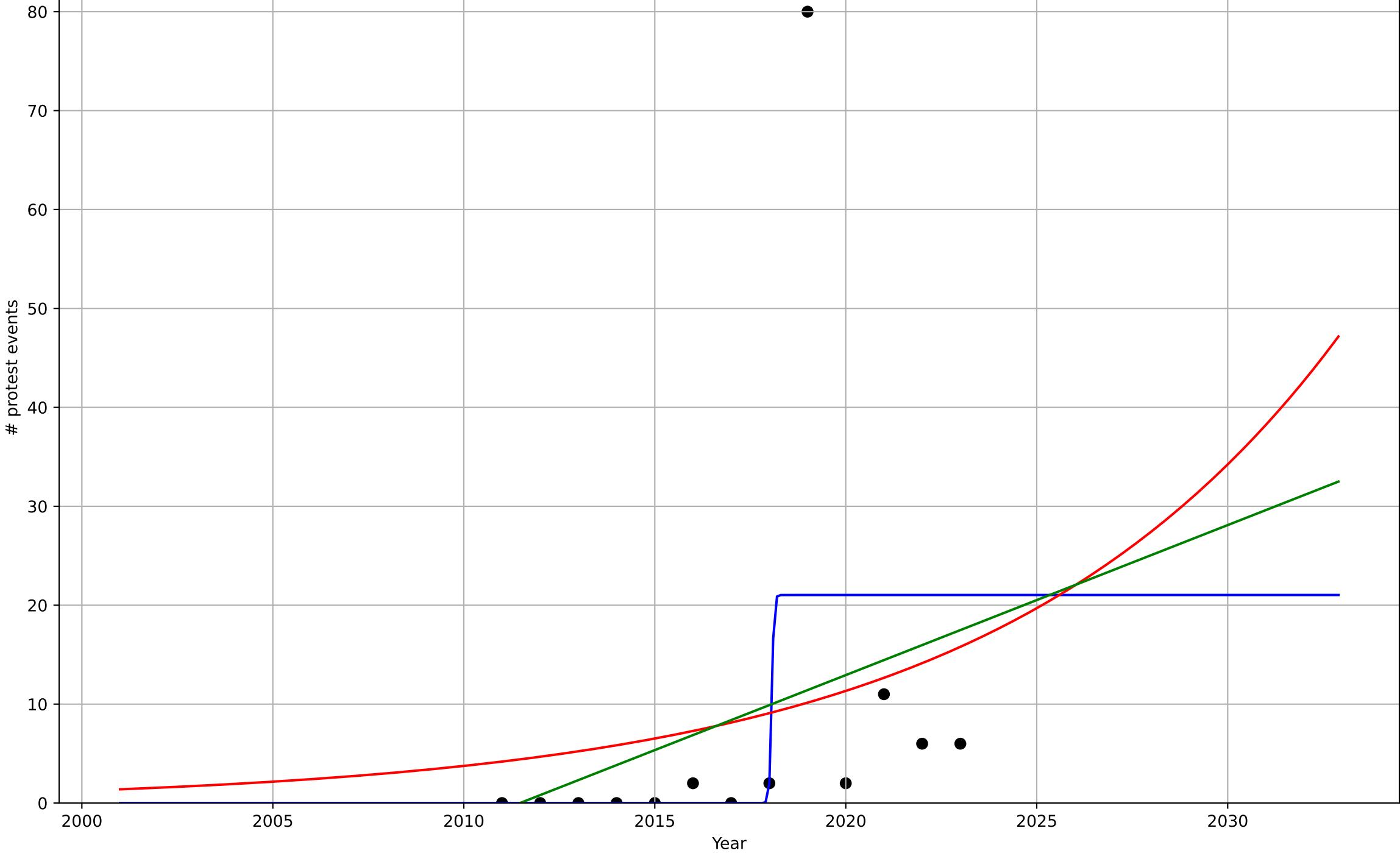
cli\_ind\_1.1Ado\_d072\_m017



climate protest  
 India  
 1.1 Adoption over Time  
 Count of protest events related to climate  
 # protest events

cli\_ind\_1.1Ado\_d073\_m019

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=0.122, K=21	35.9	0.228	-0.0299	18.4	9.24
Exponential	10*exp(0.111*(x-2019))	0.111	0.0478	-0.143	20.4	11.2
Linear	intercept=-3.05e+03, slope=1.52	1.52	0.0735	-0.112	20.1	10.7



climate protest

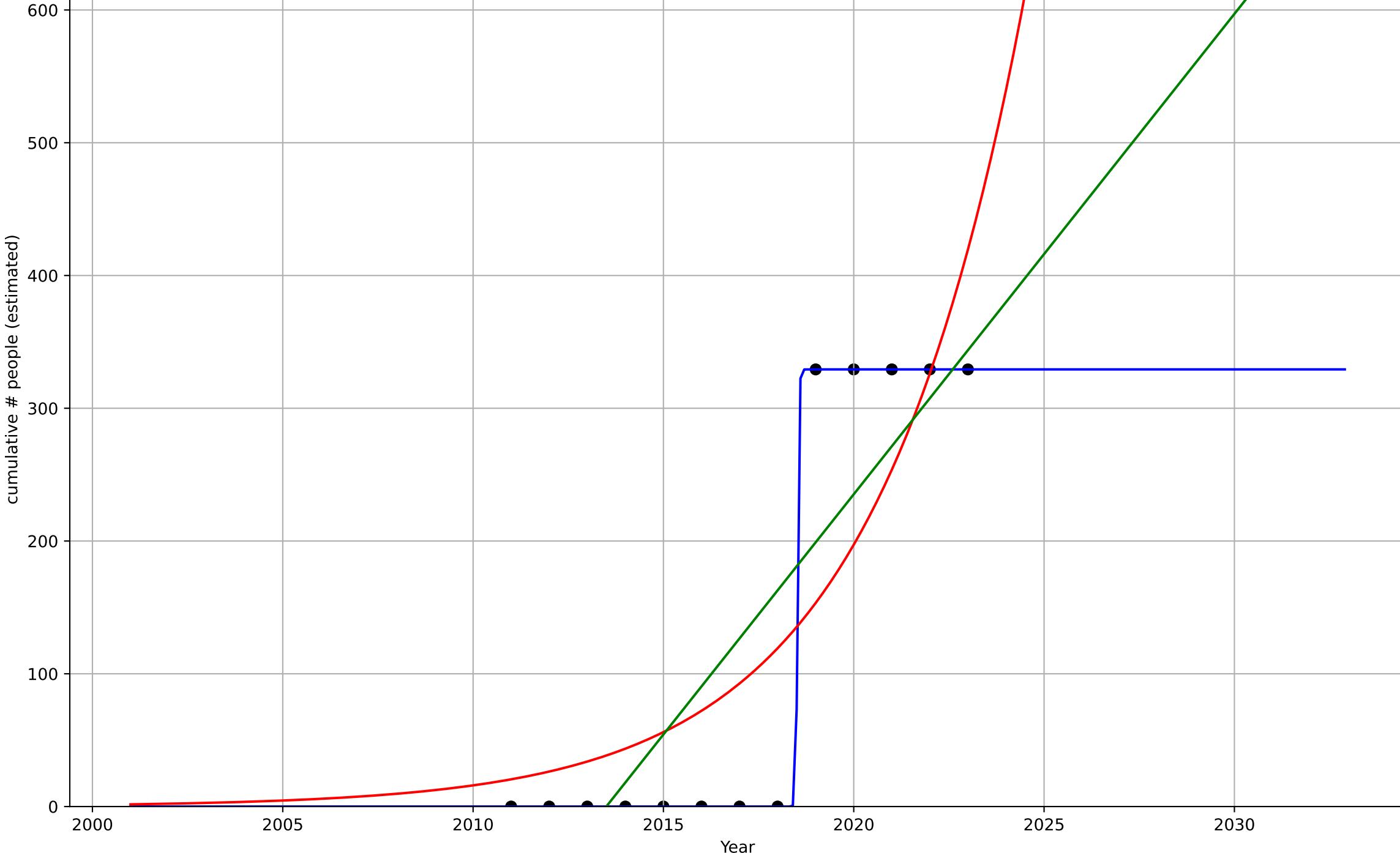
India

### 1.1 Adoption over Time

cumulative Count of participants at protest eve  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=0.0861, K=329$	51.1	1	1	2.61e-09	7.8e-10
Exponential	$0.000122 \cdot \exp(0.252 \cdot (x-1963))$	0.252	0.708	0.649	86.6	72.4
Linear	intercept=-7.29e+04, slope=36.2	36.2	0.714	0.657	85.6	71.8

cli\_ind\_1.1Ado\_d240\_m154



climate protest

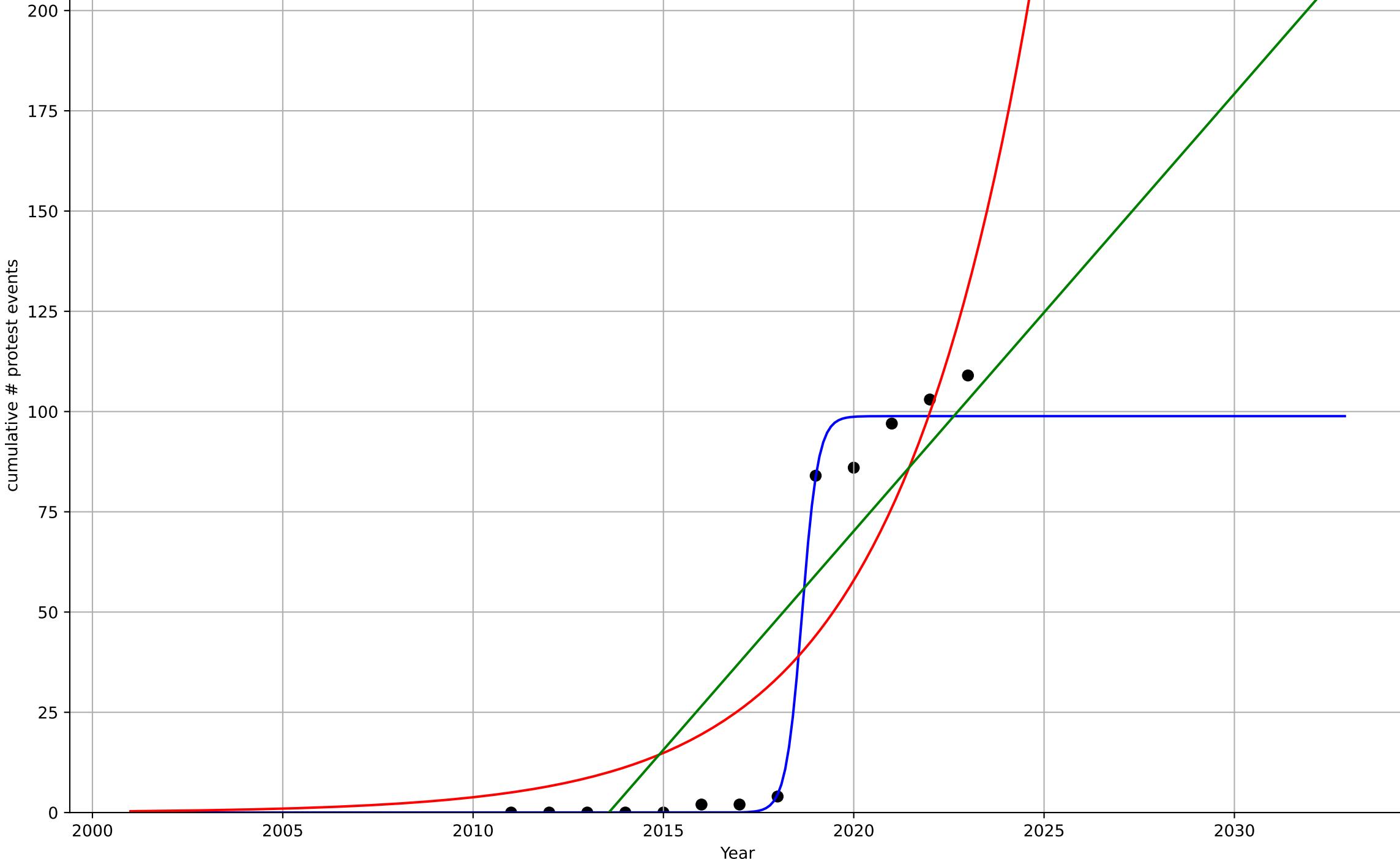
India

### 1.1 Adoption over Time

cumulative Count of protest events related to climate protest  
cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=0.925, K=98.9$	4.75	0.99	0.986	4.75	2.59
Exponential	$0.00464 \cdot \exp(0.272 \cdot (x-1985))$	0.272	0.803	0.763	20.7	17.8
Linear	intercept=-2.2e+04, slope=10.9	10.9	0.77	0.724	22.3	19.2

cli\_ind\_1.1Ado\_d241\_m155



climate protest

Sweden

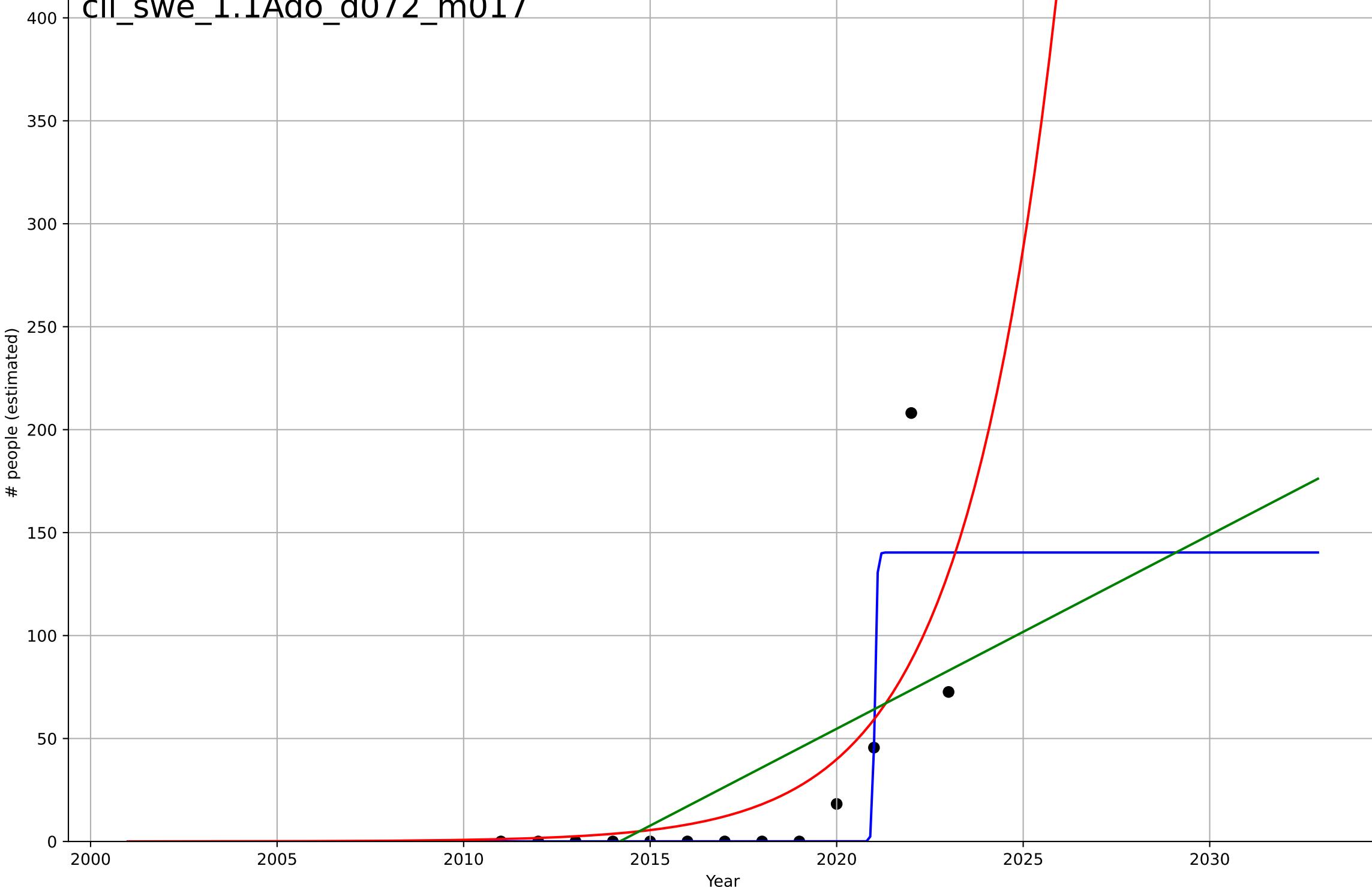
### 1.1 Adoption over Time

Count of participants at protest events related to climate protest

# people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=0.132, K=140$	33.3	0.773	0.697	27	11.8
Exponential	$0.0076 \cdot \exp(0.395 \cdot (x-1998))$	0.395	0.528	0.433	39	22.6
Linear	intercept=-1.9e+04, slope=9.41	9.41	0.385	0.262	44.5	30.5

cli\_swe\_1.1Ado\_d072\_m017



climate protest

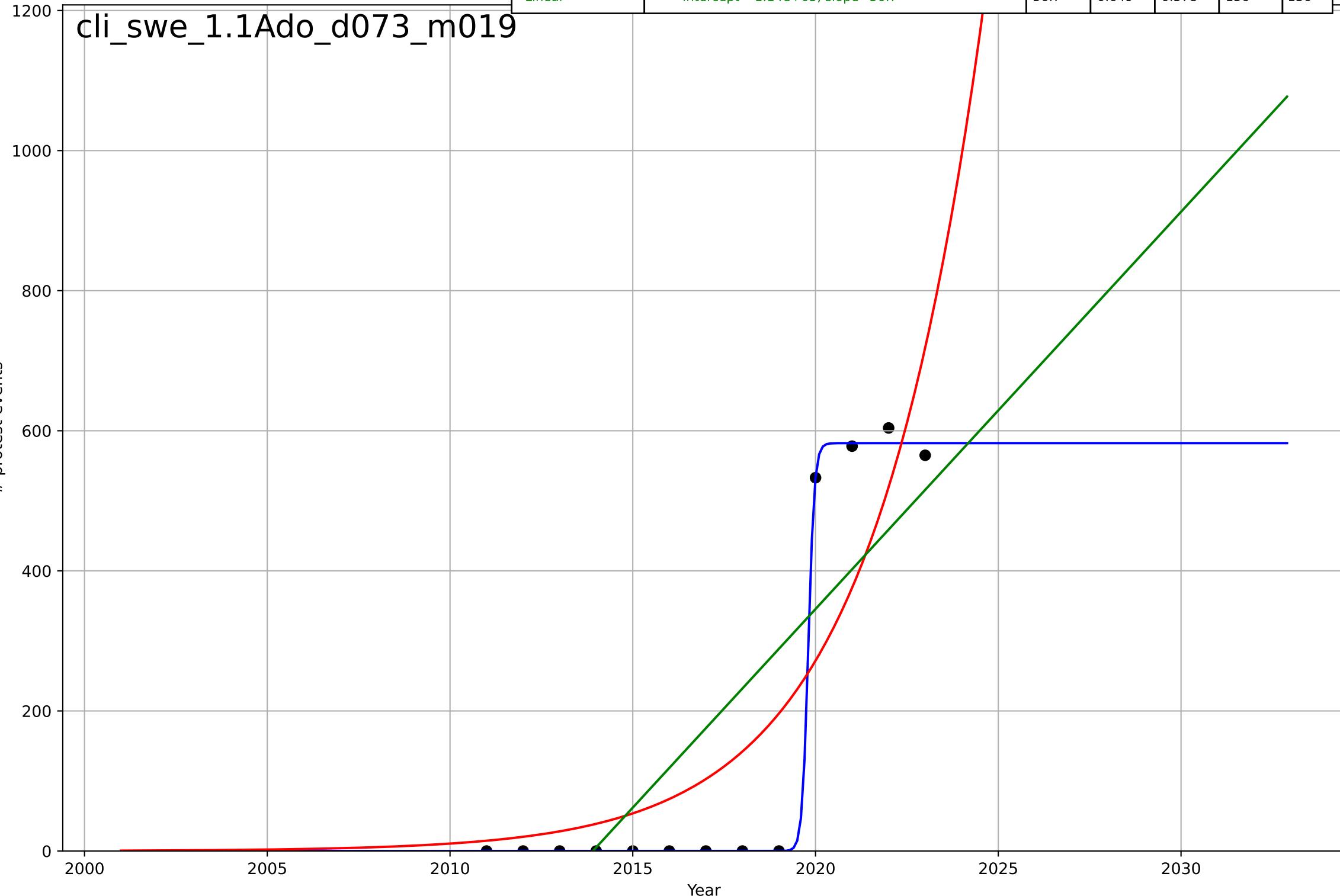
Sweden

1.1 Adoption over Time

Count of protest events related to climate

# protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=0.365, K=582	12	0.999	0.999	7.79	3.34
Exponential	4.77e-06*exp(0.324*(x-1965))	0.324	0.756	0.707	130	106
Linear	intercept=-1.14e+05, slope=56.7	56.7	0.649	0.578	156	136



climate protest

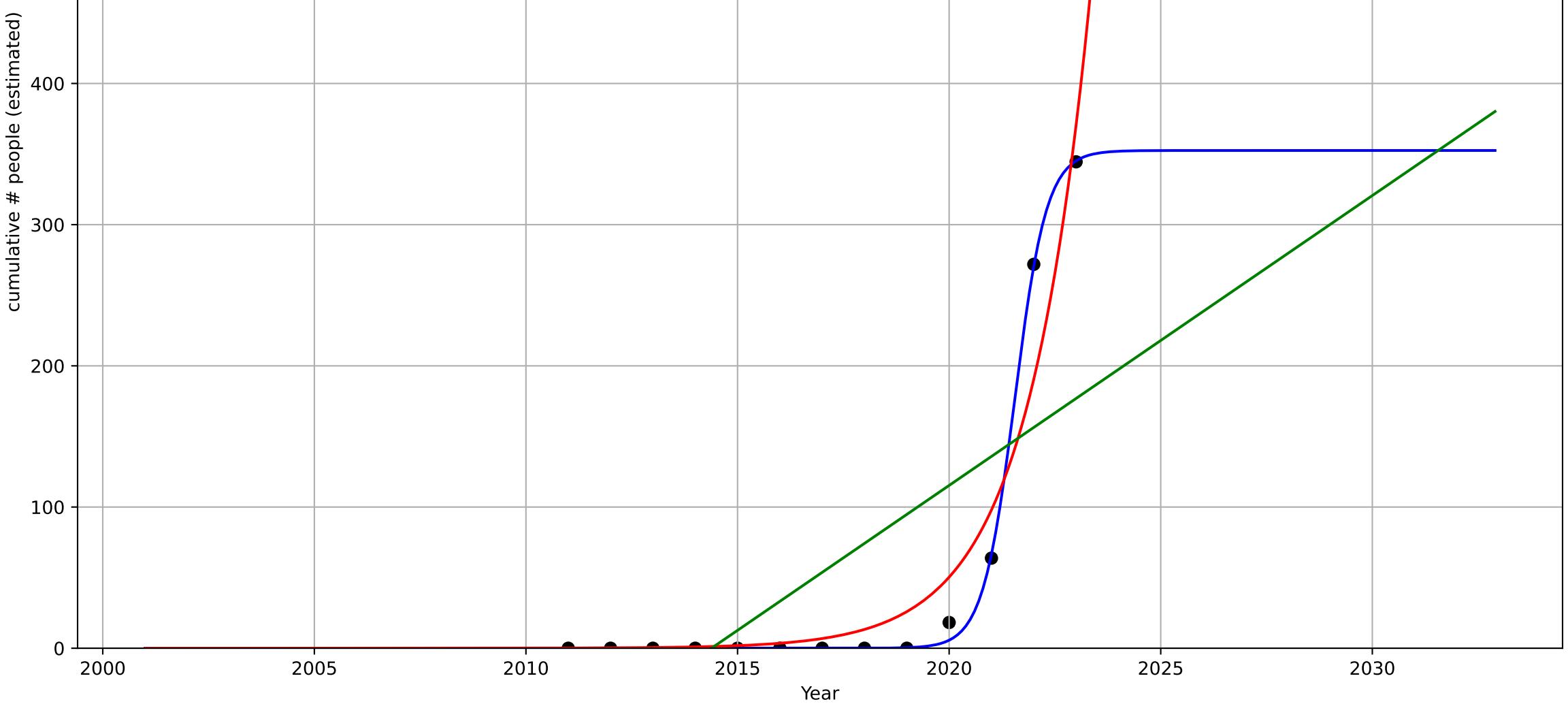
Sweden

### 1.1 Adoption over Time

cumulative Count of participants at protest eve  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=1.66, K=353	2.65	0.999	0.999	3.59	1.36
Exponential	6.75e-07*exp(0.665*(x-1993))	0.665	0.935	0.922	28.3	17.4
Linear	intercept=-4.14e+04, slope=20.5	20.5	0.481	0.377	79.8	67.3

cli\_swe\_1.1Ado\_d240\_m154



climate protest

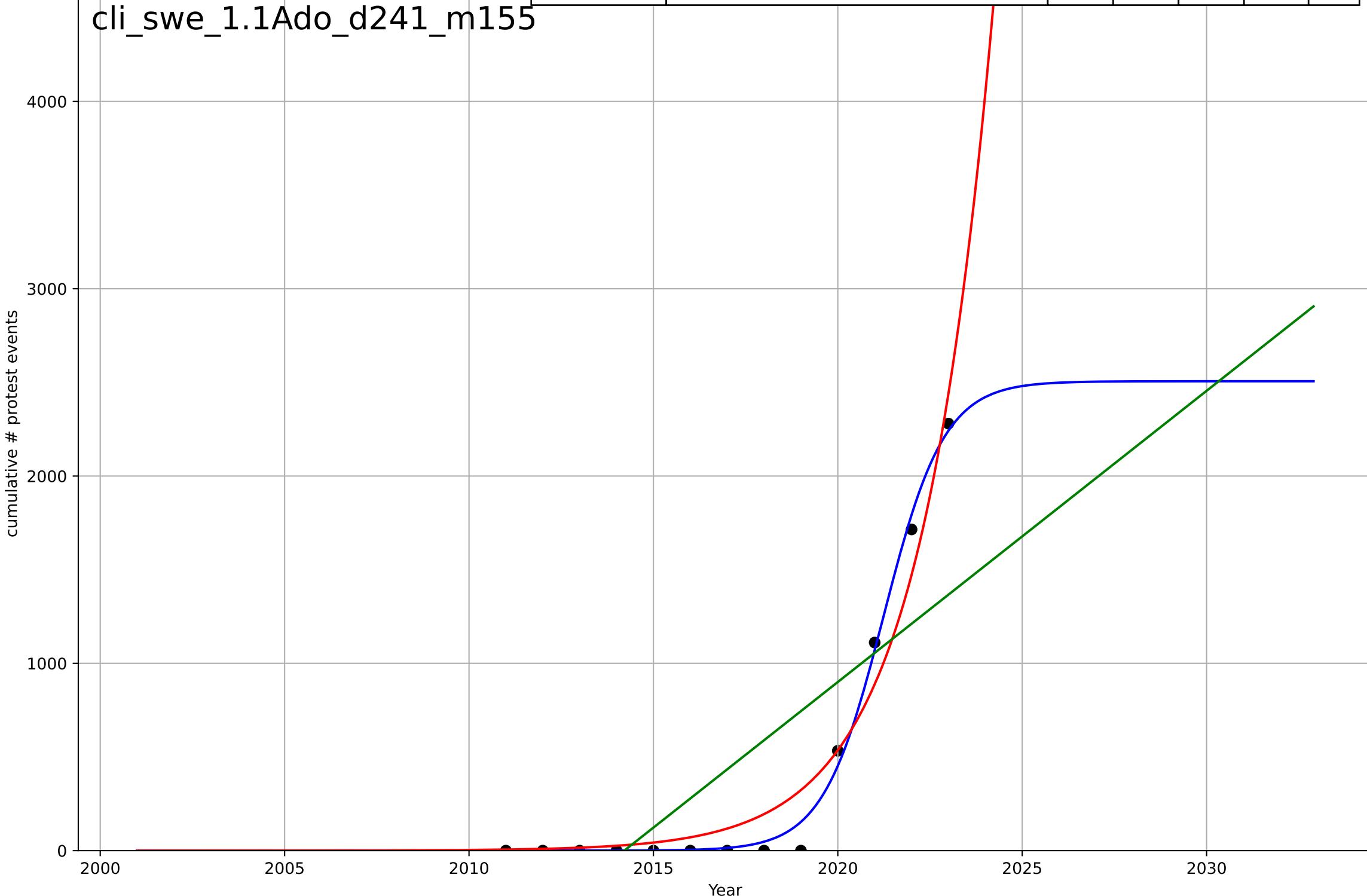
Sweden

1.1 Adoption over Time

cumulative Count of protest events related to climate protest  
cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=3.61, K=2.51e+03$	1.22	0.994	0.992	56.7	35.3
Exponential	$7.01e-11 \cdot \exp(0.505 \cdot (x-1961))$	0.505	0.959	0.95	152	110
Linear	intercept=-3.13e+05, slope=155	155	0.61	0.532	465	390

cli\_swe\_1.1Ado\_d241\_m155



climate protest

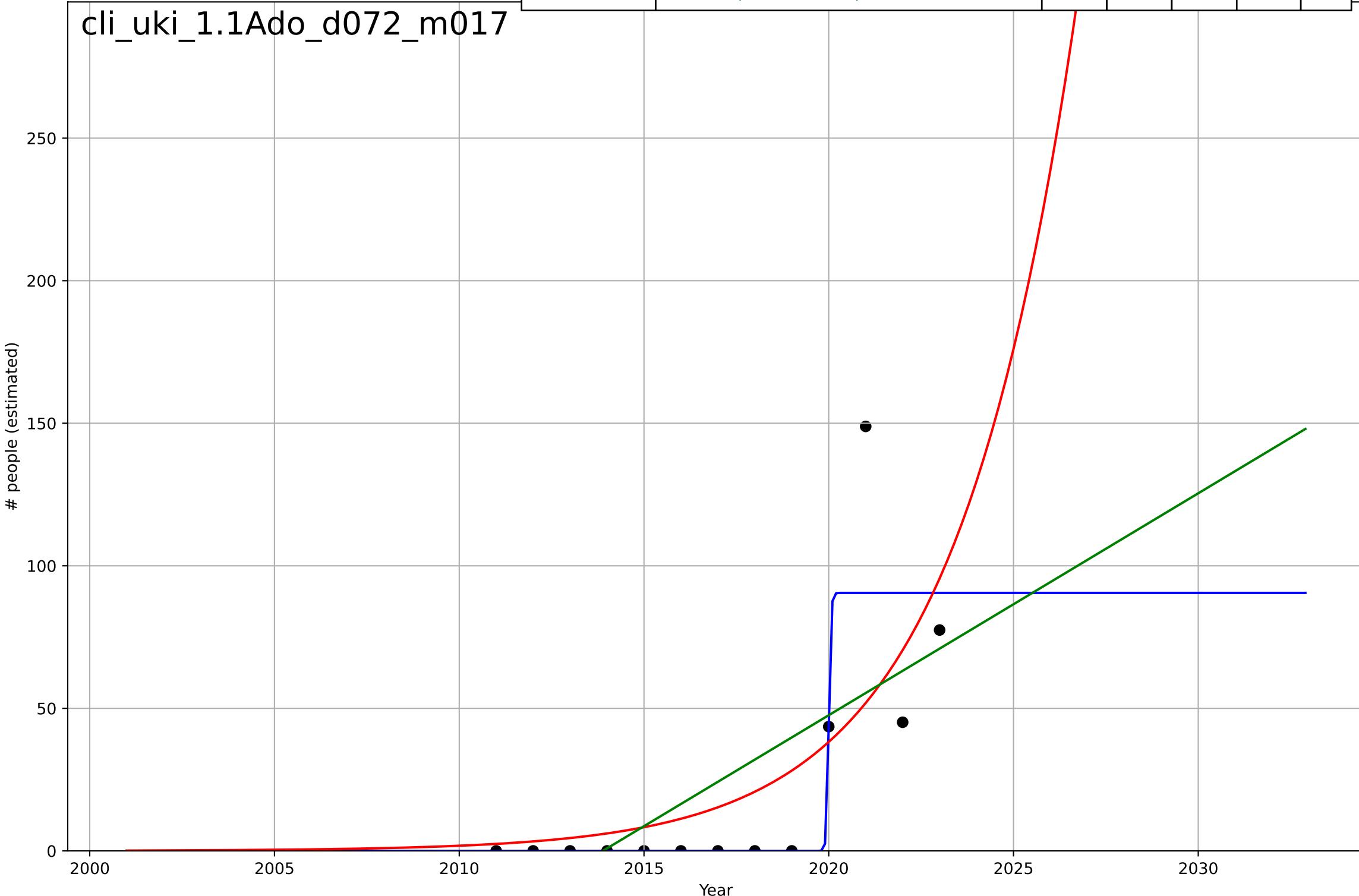
UK

### 1.1 Adoption over Time

Count of participants at protest events related to climate change  
# people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=0.126, K=90.5$	34.8	0.77	0.693	20.8	8.98
Exponential	$0.0381 \cdot \exp(0.305 \cdot (x-1997))$	0.305	0.504	0.405	30.6	18.9
Linear	intercept=-1.57e+04, slope=7.78	7.78	0.451	0.341	32.2	22.2

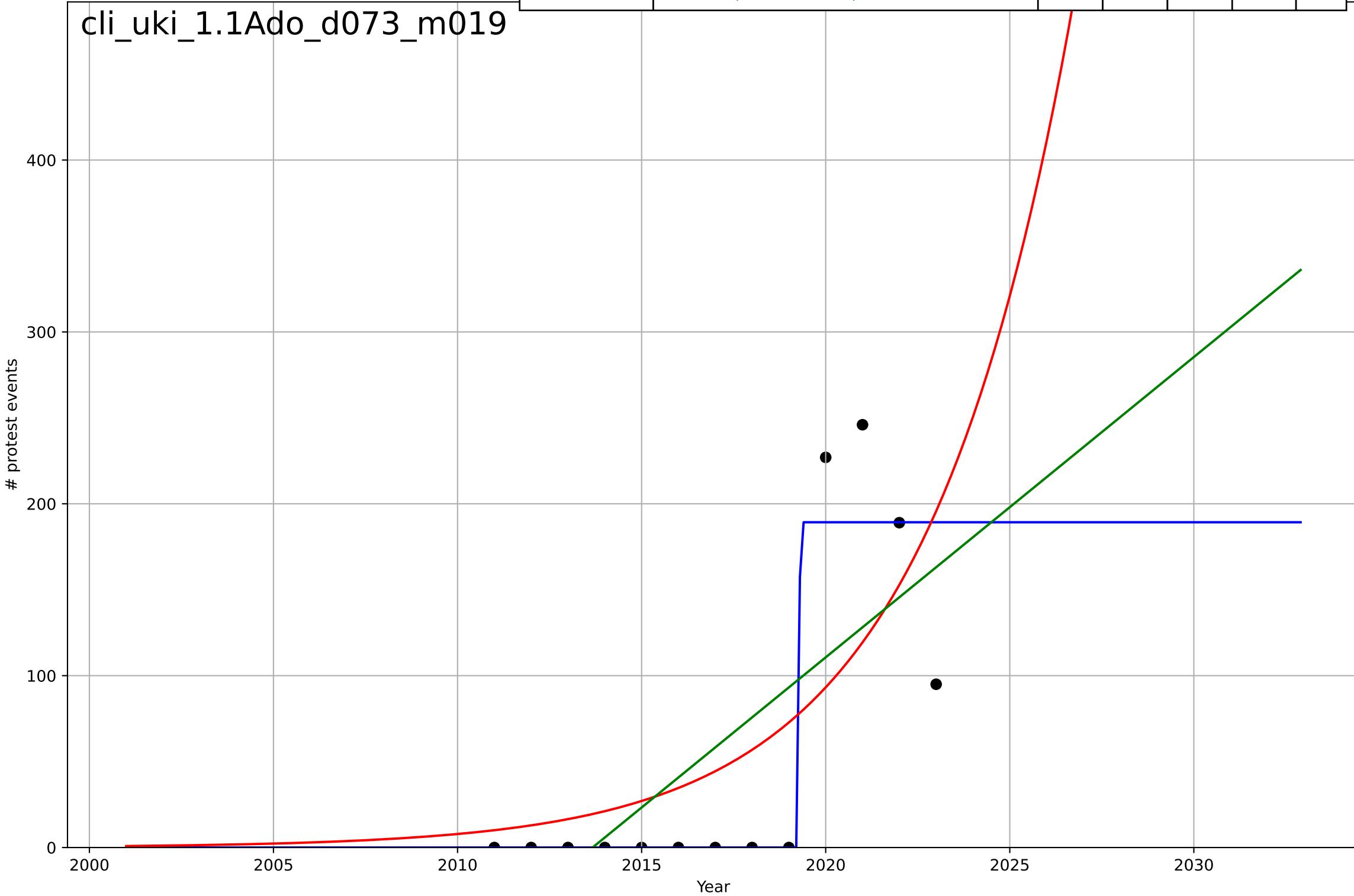
cli\_uki\_1.1Ado\_d072\_m017



climate protest  
 UK  
 1.1 Adoption over Time  
 Count of protest events related to climate  
 # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=0.0308, K=189$	143	0.88	0.84	32.3	14.5
Exponential	$0.000797 \cdot \exp(0.247 \cdot (x-1973))$	0.247	0.478	0.374	67.3	53.4
Linear	intercept=-3.52e+04, slope=17.5	17.5	0.493	0.392	66.3	56.2

cli\_uki\_1.1Ado\_d073\_m019



climate protest

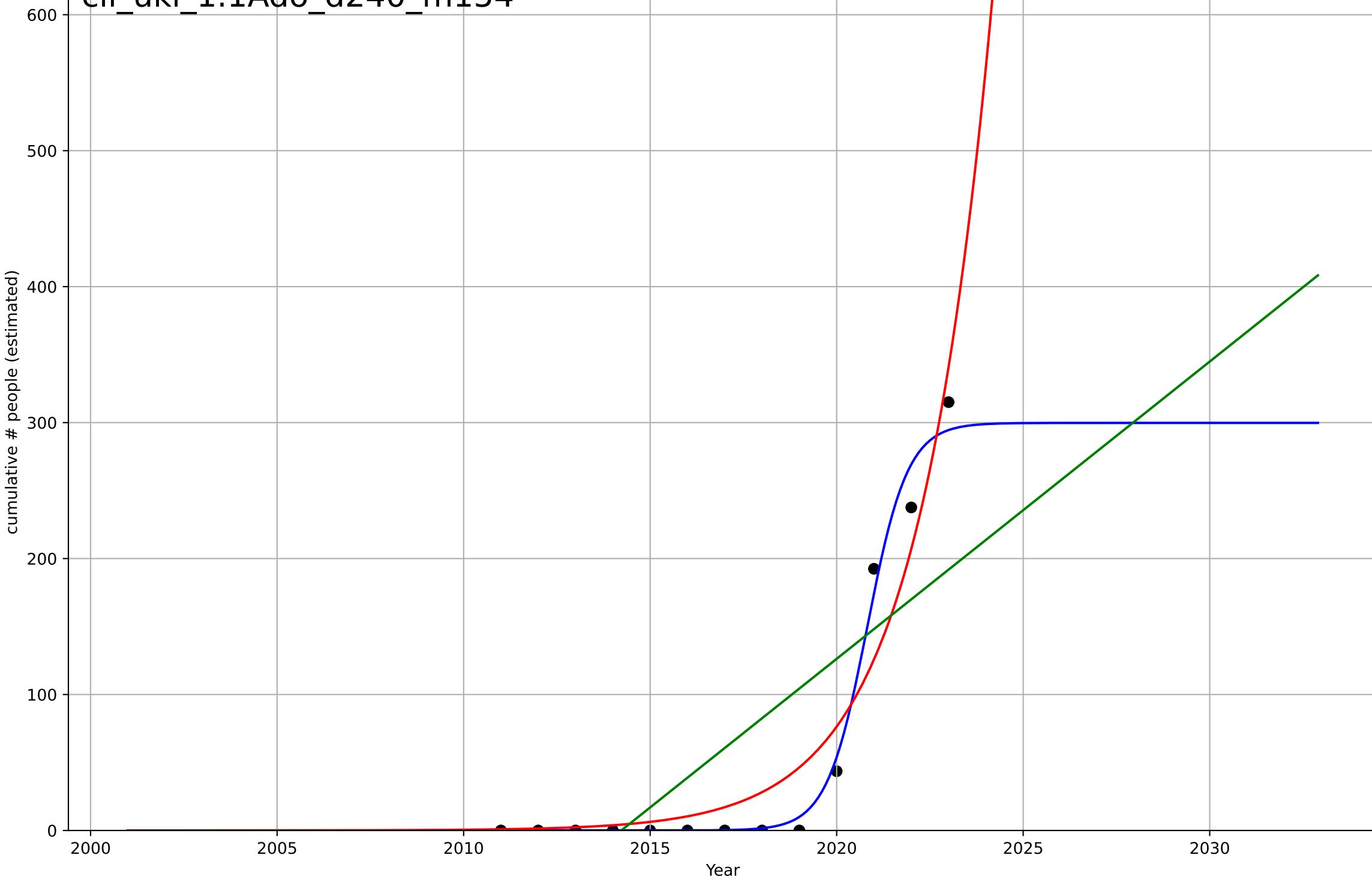
UK

### 1.1 Adoption over Time

cumulative Count of participants at protest eve  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=2.38, K=300	1.85	0.987	0.982	12.3	7.12
Exponential	7.56e-06*exp(0.499*(x-1988))	0.499	0.928	0.914	28.5	21
Linear	intercept=-4.4e+04, slope=21.9	21.9	0.593	0.511	67.8	59.4

cli\_uki\_1.1Ado\_d240\_m154



climate protest

UK

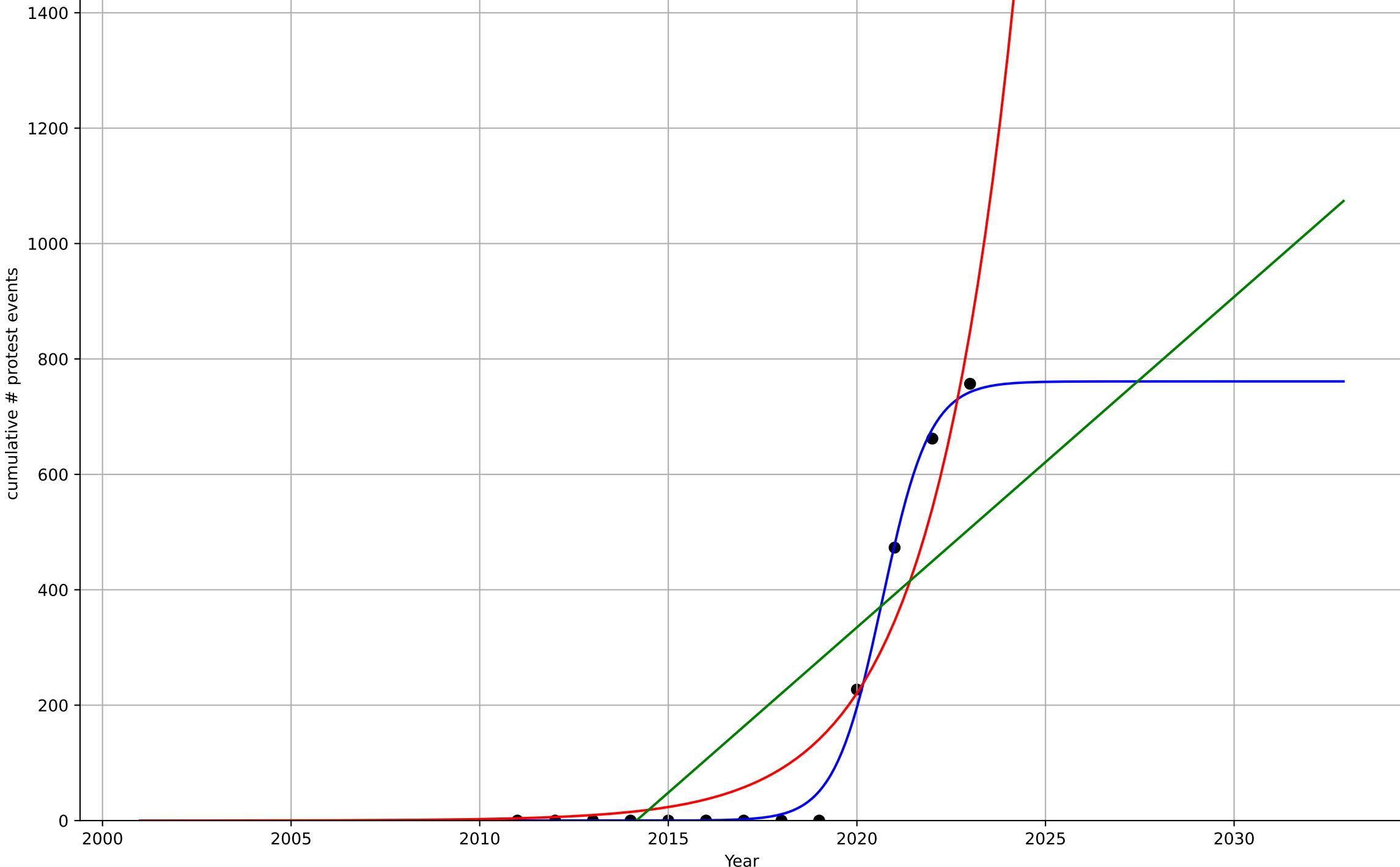
### 1.1 Adoption over Time

cumulative Count of protest events related to climate protest in UK

cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=2.78, K=761	1.58	0.996	0.994	17.9	10.1
Exponential	1.52e-07*exp(0.448*(x-1973))	0.448	0.923	0.907	74.7	56
Linear	intercept=-1.15e+05, slope=57.3	57.3	0.634	0.561	163	142

cli\_uki\_1.1Ado\_d241\_m155



climate protest

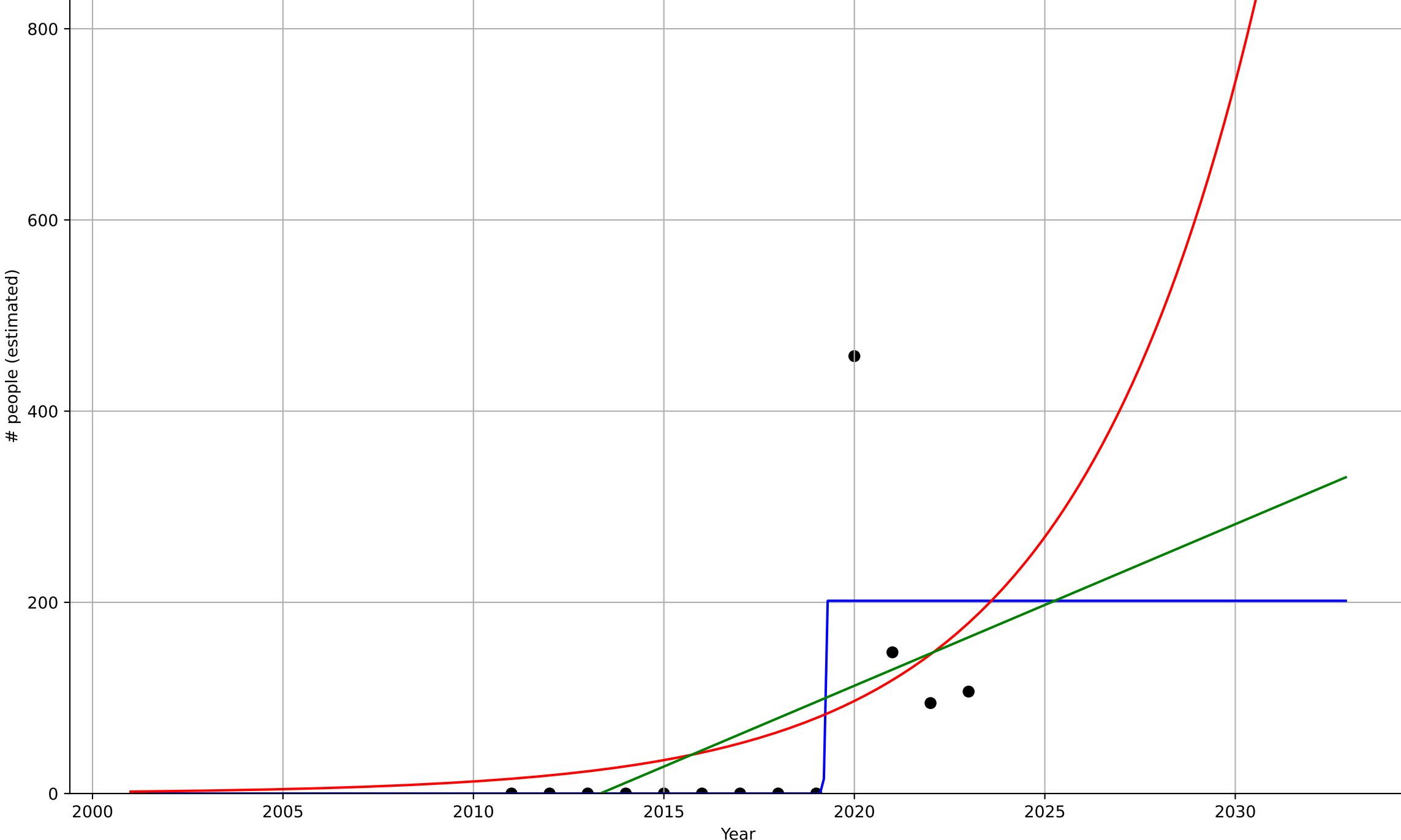
US

### 1.1 Adoption over Time

Count of participants at protest events related to climate change  
# people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=0.0187, K=202$	236	0.559	0.412	82.7	39.4
Exponential	$0.0022 \cdot \exp(0.204 \cdot (x-1968))$	0.204	0.221	0.0656	110	67.1
Linear	intercept=-3.4e+04, slope=16.9	16.9	0.258	0.11	107	66.2

cli\_usa\_1.1Ado\_d072\_m017



climate protest

US

### 1.1 Adoption over Time

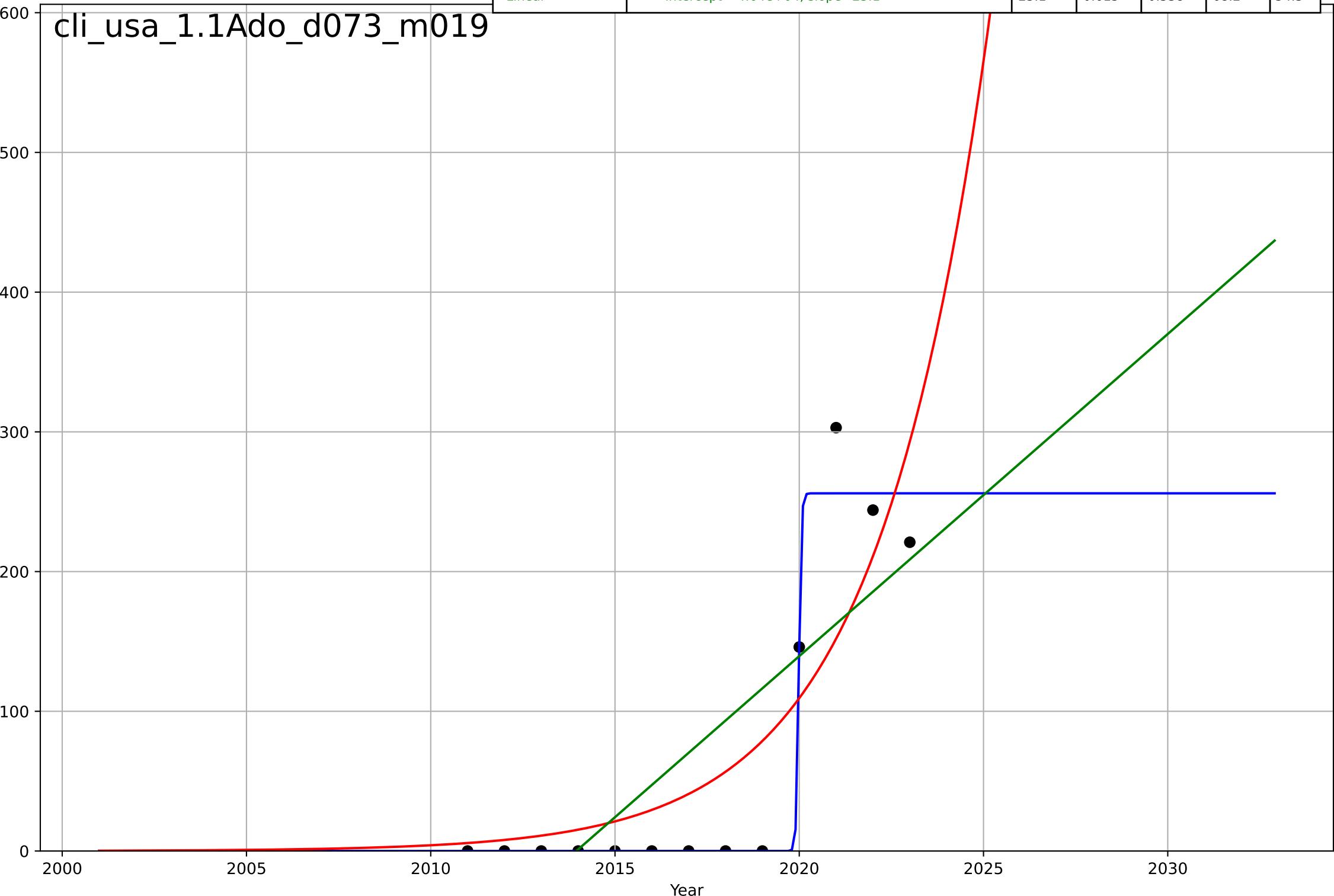
Count of protest events related to climate

# protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=0.145, K=256$	30.3	0.977	0.97	16.6	7.23
Exponential	$3.17e-05 \cdot \exp(0.328 \cdot (x-1974))$	0.328	0.725	0.67	57.7	43
Linear	intercept=-4.64e+04, slope=23.1	23.1	0.615	0.538	68.2	54.3

cli\_usa\_1.1Ado\_d073\_m019

# protest events



climate protest

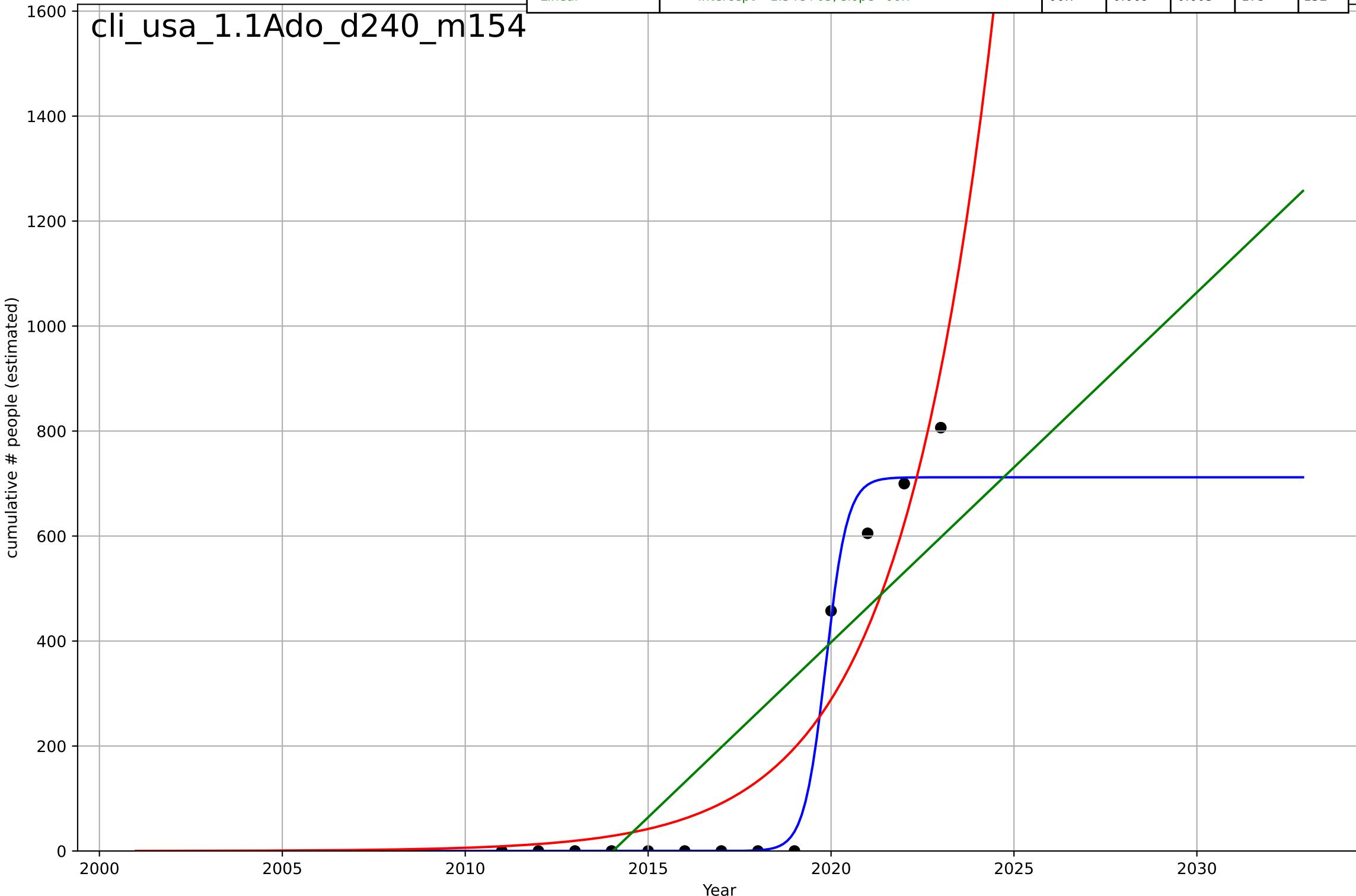
US

1.1 Adoption over Time

cumulative Count of participants at protest events  
cumulative # people (estimated)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=1.29, K=712$	3.4	0.984	0.979	38.5	19.4
Exponential	$4.12e-07 \cdot \exp(0.385 \cdot (x-1967))$	0.385	0.875	0.85	108	87
Linear	intercept=-1.34e+05, slope=66.7	66.7	0.669	0.603	175	152

cli\_usa\_1.1Ado\_d240\_m154



climate protest

US

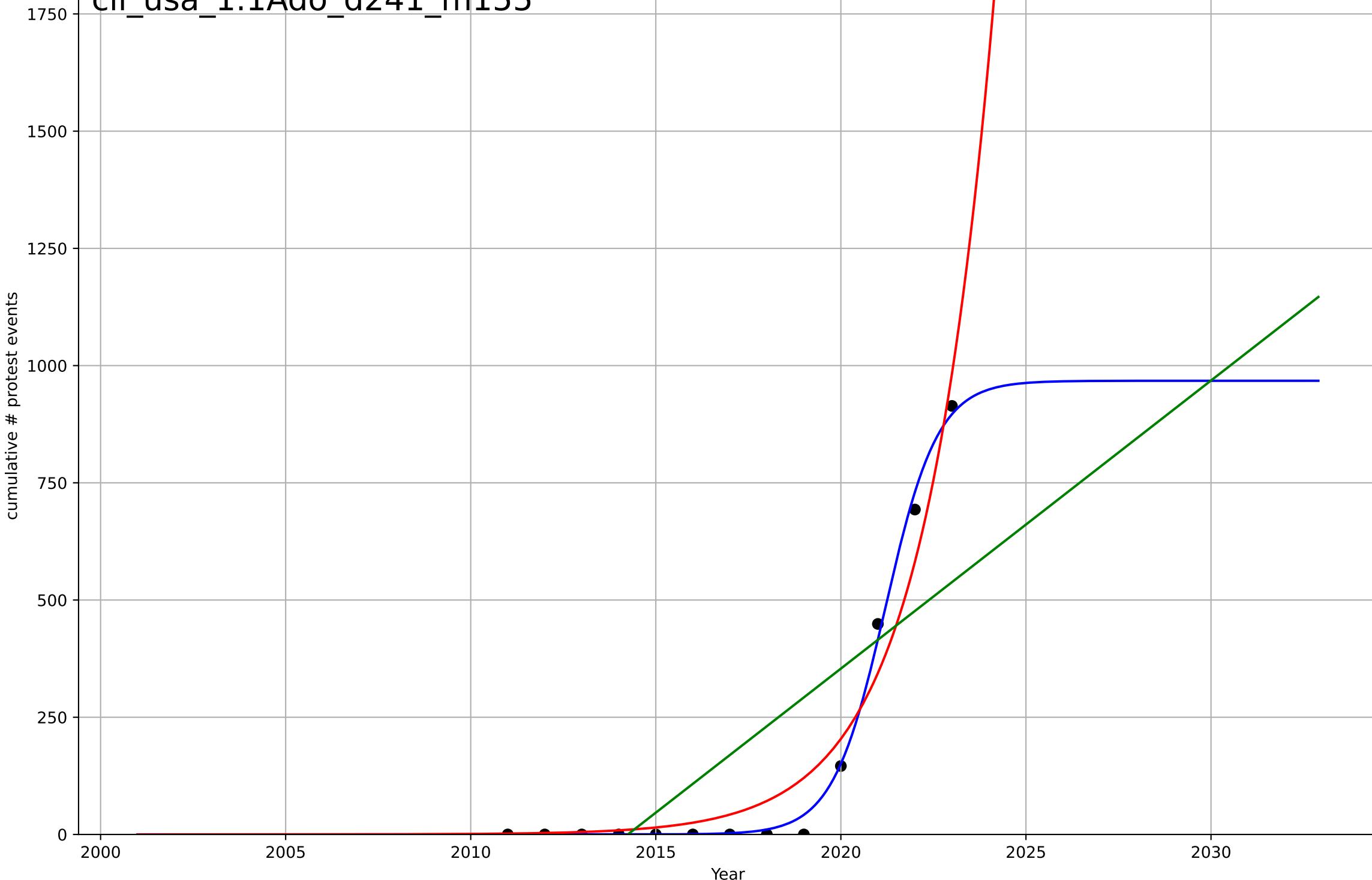
1.1 Adoption over Time

cumulative Count of protest events related to climate protest

cumulative # protest events

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=3.12, K=968	1.41	0.996	0.995	19	11.5
Exponential	1.96e-08*exp(0.524*(x-1976))	0.524	0.954	0.945	64.3	48.9
Linear	intercept=-1.24e+05, slope=61.4	61.4	0.59	0.507	192	162

cli\_usa\_1.1Ado\_d241\_m155



co-housing

Denmark

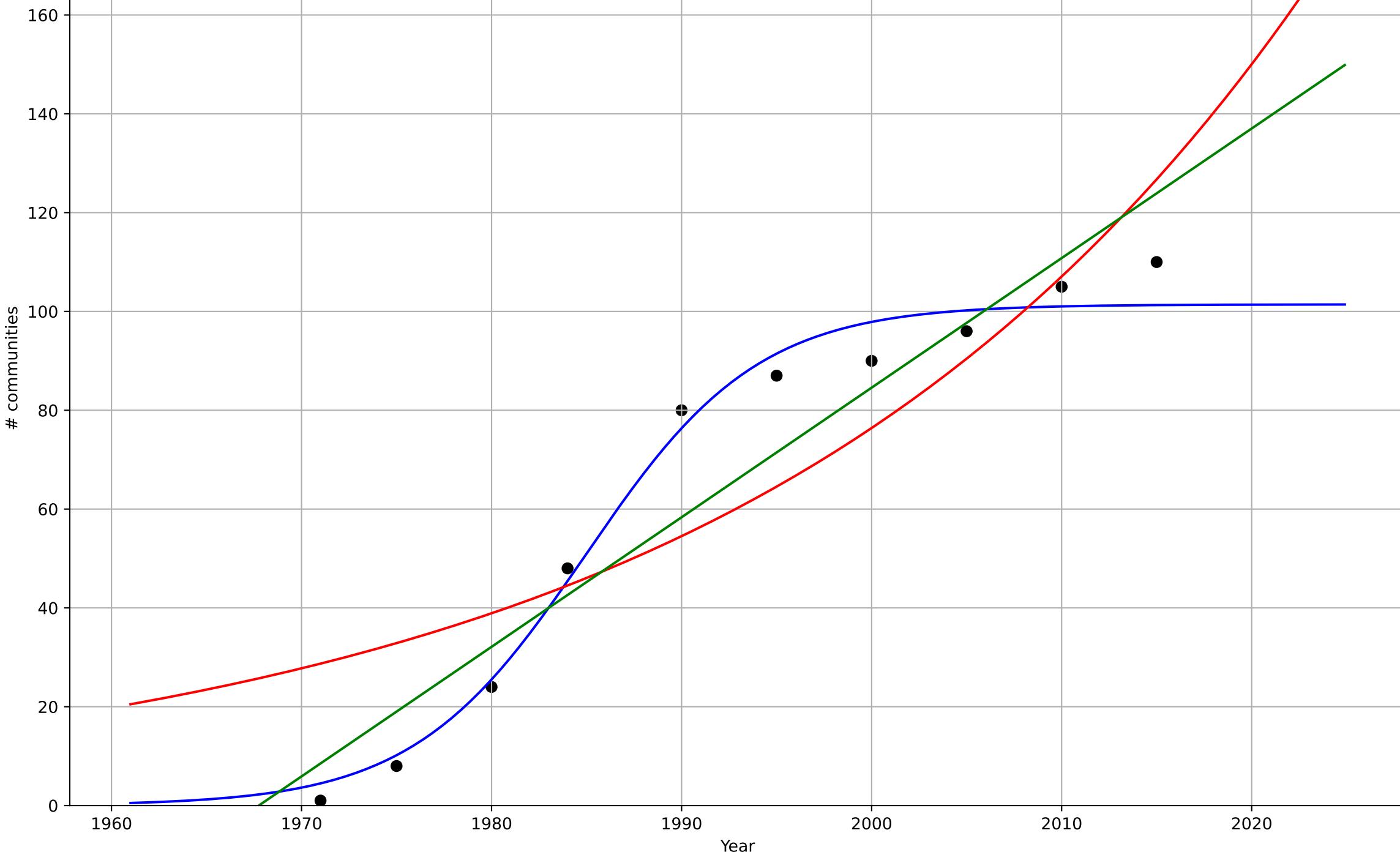
1.1 Adoption over time

Number of cohousing communities

# communities

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1985, Dt=19.9, K=101	0.221	0.985	0.977	4.8	4.26
Exponential	1.67*exp(0.0337*(x-1887))	0.0337	0.785	0.724	18.1	15.7
Linear	intercept=-5.16e+03, slope=2.62	2.62	0.918	0.895	11.1	9.6

coh\_den\_1.1Ado\_d134\_m007



co-housing

Denmark

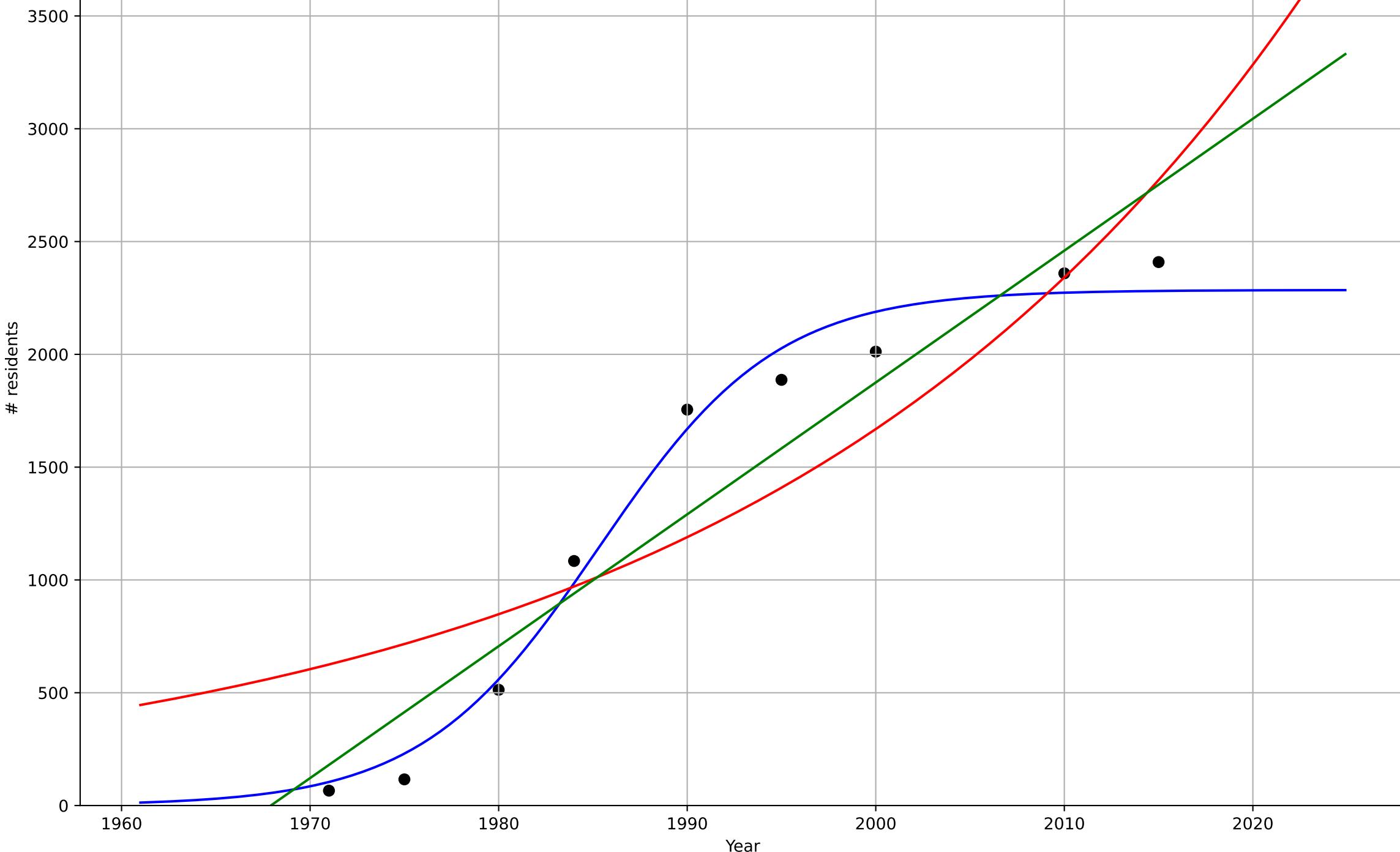
1.1 Adoption over time

Number of housing units in cohousing commun

# residents

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1985, D_t=20.7, K=2.29e+03$	0.212	0.984	0.975	110	101
Exponential	$0.123 \cdot \exp(0.0339 \cdot (x-1719))$	0.0339	0.771	0.695	421	375
Linear	intercept=-1.15e+05, slope=58.5	58.5	0.912	0.883	261	233

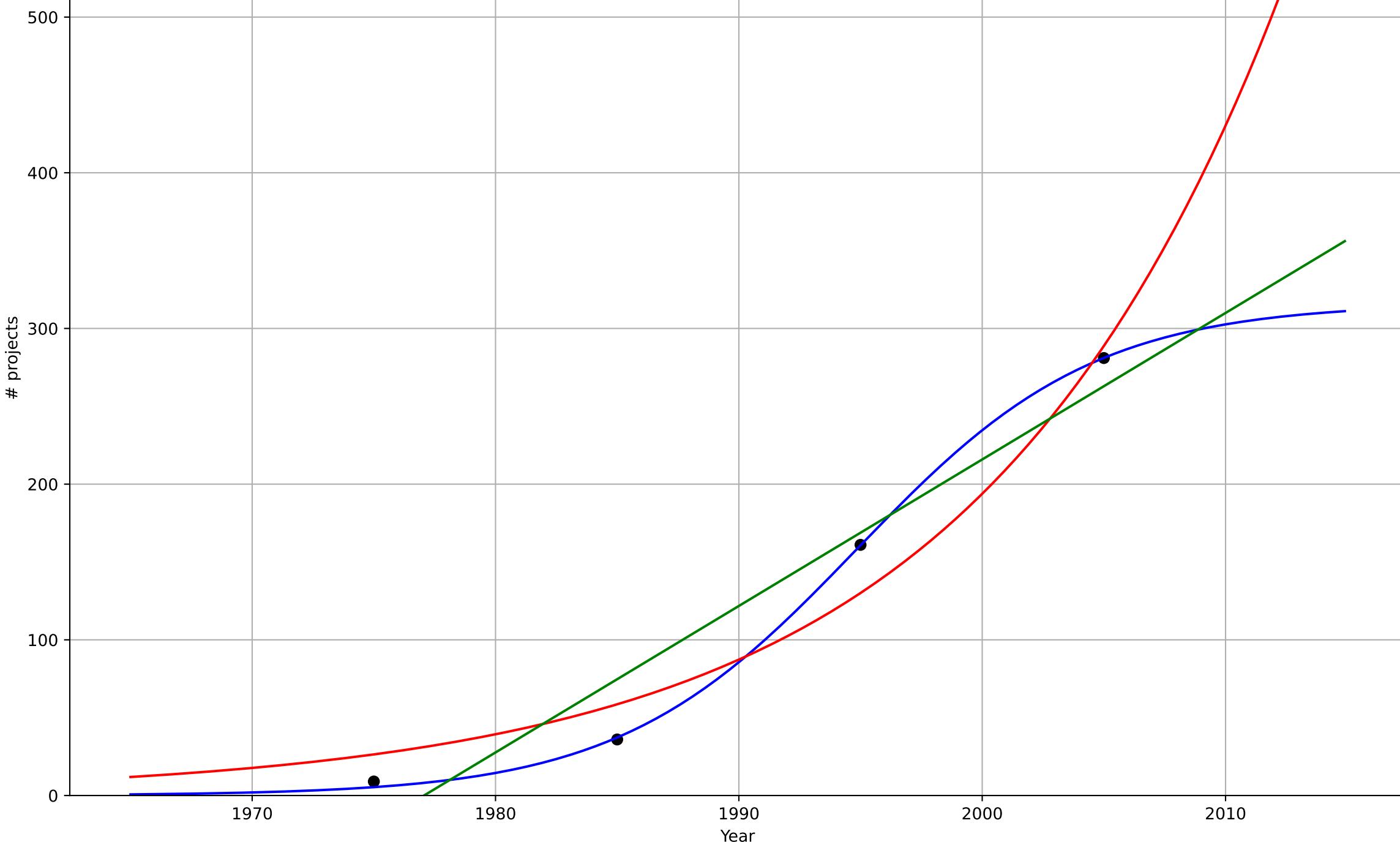
coh\_den\_1.1Ado\_d138\_m021



co-housing  
 Germany  
 1.1 Adoption over time  
 Number of projects  
 # projects

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1995, Dt=21.5, K=316	0.205	1	-inf	1.93	1.32
Exponential	0.0137*exp(0.0798*(x-1880))	0.0798	0.961	0.883	21.4	19.7
Linear	intercept=-1.86e+04, slope=9.41	9.41	0.943	0.828	25.9	23.2

coh\_ger\_1.1Ado\_d141\_m018



co-housing

US

## 1.1 Adoption over time

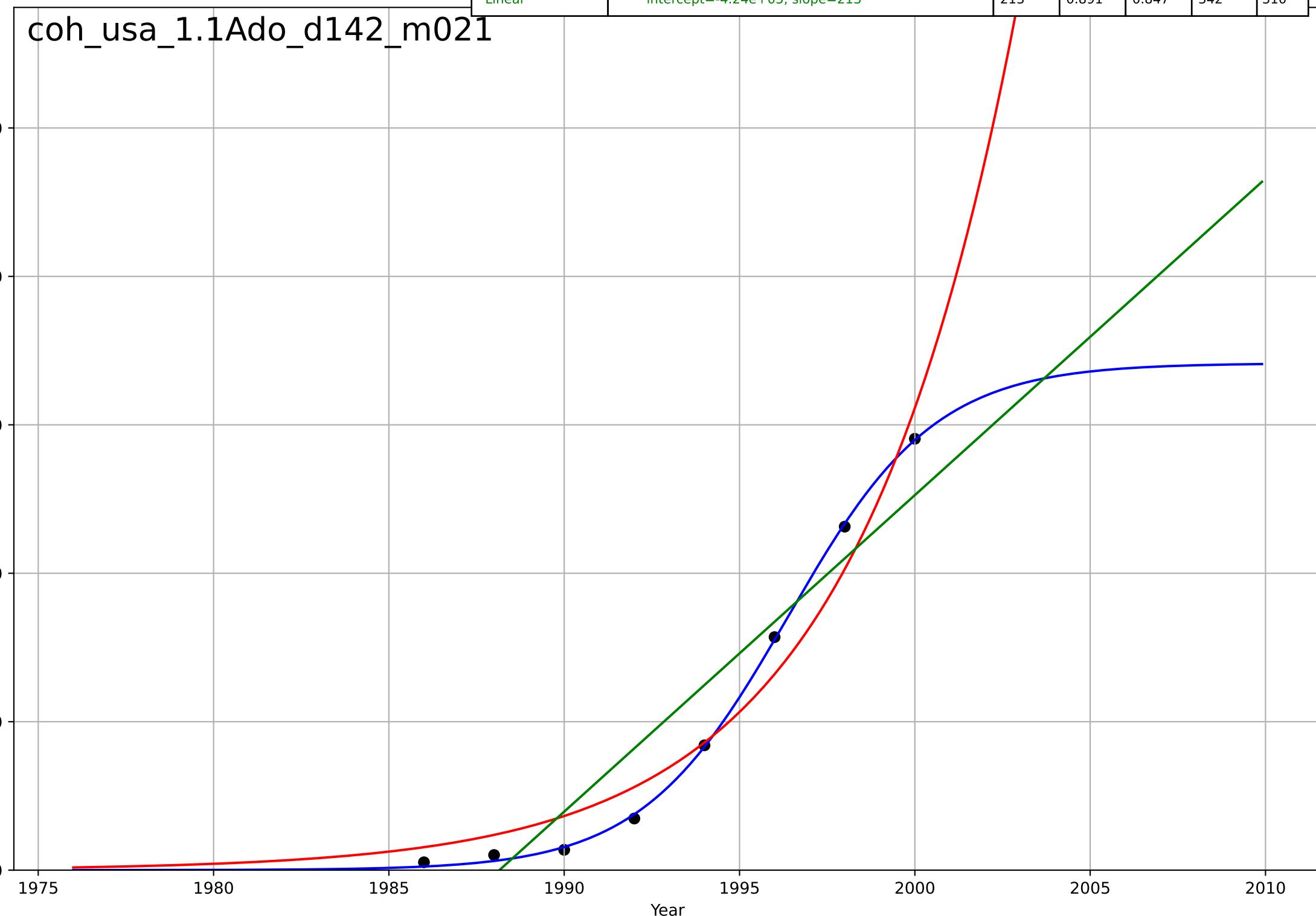
Number of residents living in cohousing commu

# residents

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1996, Dt=9.22, K=3.41e+03	0.476	0.999	0.999	23.8	21.6
Exponential	2.14e-05*exp(0.214*(x-1912))	0.214	0.963	0.949	198	180
Linear	intercept=-4.24e+05, slope=213	213	0.891	0.847	342	310

coh\_usa\_1.1Ado\_d142\_m021

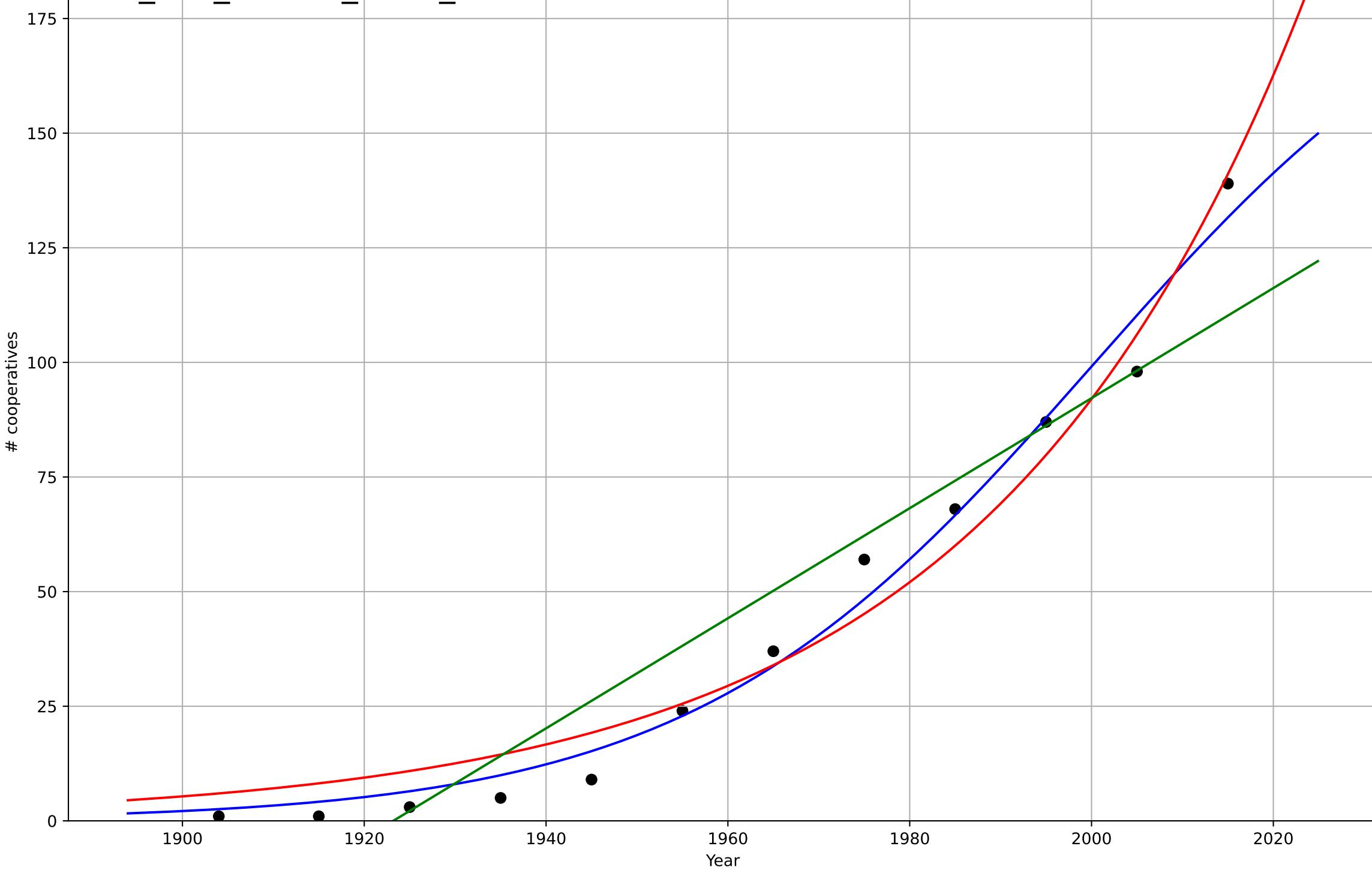
# residents



co-housing  
 Canton de Vaud (Switzerland)  
 1.1 Adoption over time  
 Number of housing cooperatives in Canton de Vaud  
 # cooperatives

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2000, Dt=97.3, K=199	0.0452	0.983	0.977	5.65	4.53
Exponential	4.7*exp(0.0285*(x-1896))	0.0285	0.971	0.965	7.47	6.79
Linear	intercept=-2.31e+03, slope=1.2	1.2	0.899	0.876	14	10.9

coh\_vau\_1.1Ado\_d137\_m009



car ownership

Berlin

1.1 Adaption over time

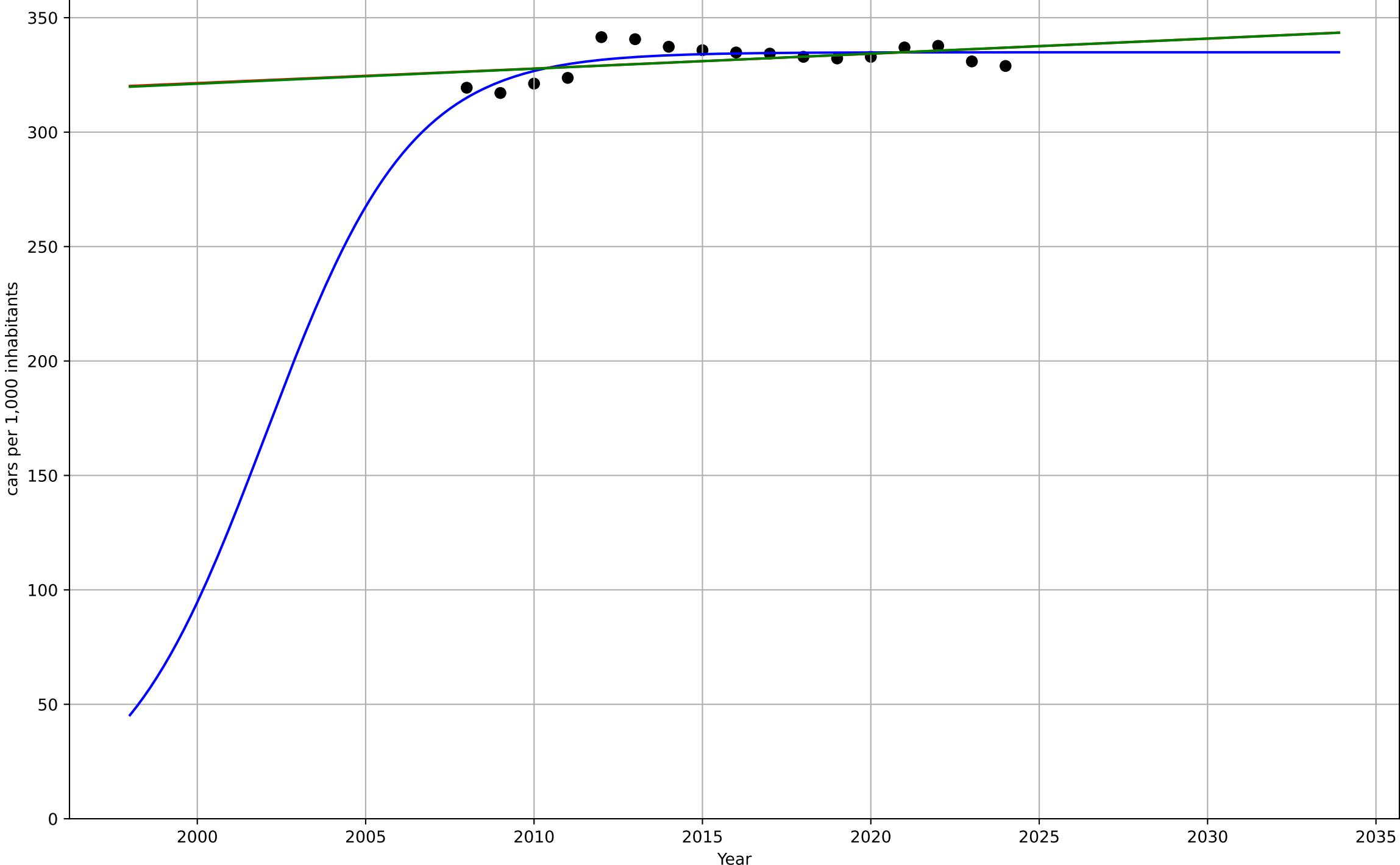
Berlin Car density:

2008-2024

cars per 1,000 inhabitants

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2002, D_t=9.51, K=335$	0.462	0.574	0.476	4.63	3.88
Exponential	$79.7 \cdot \exp(0.00196 \cdot (x-1288))$	0.00196	0.204	0.0902	6.32	5.23
Linear	intercept=-994, slope=0.657	0.657	0.206	0.093	6.31	5.23

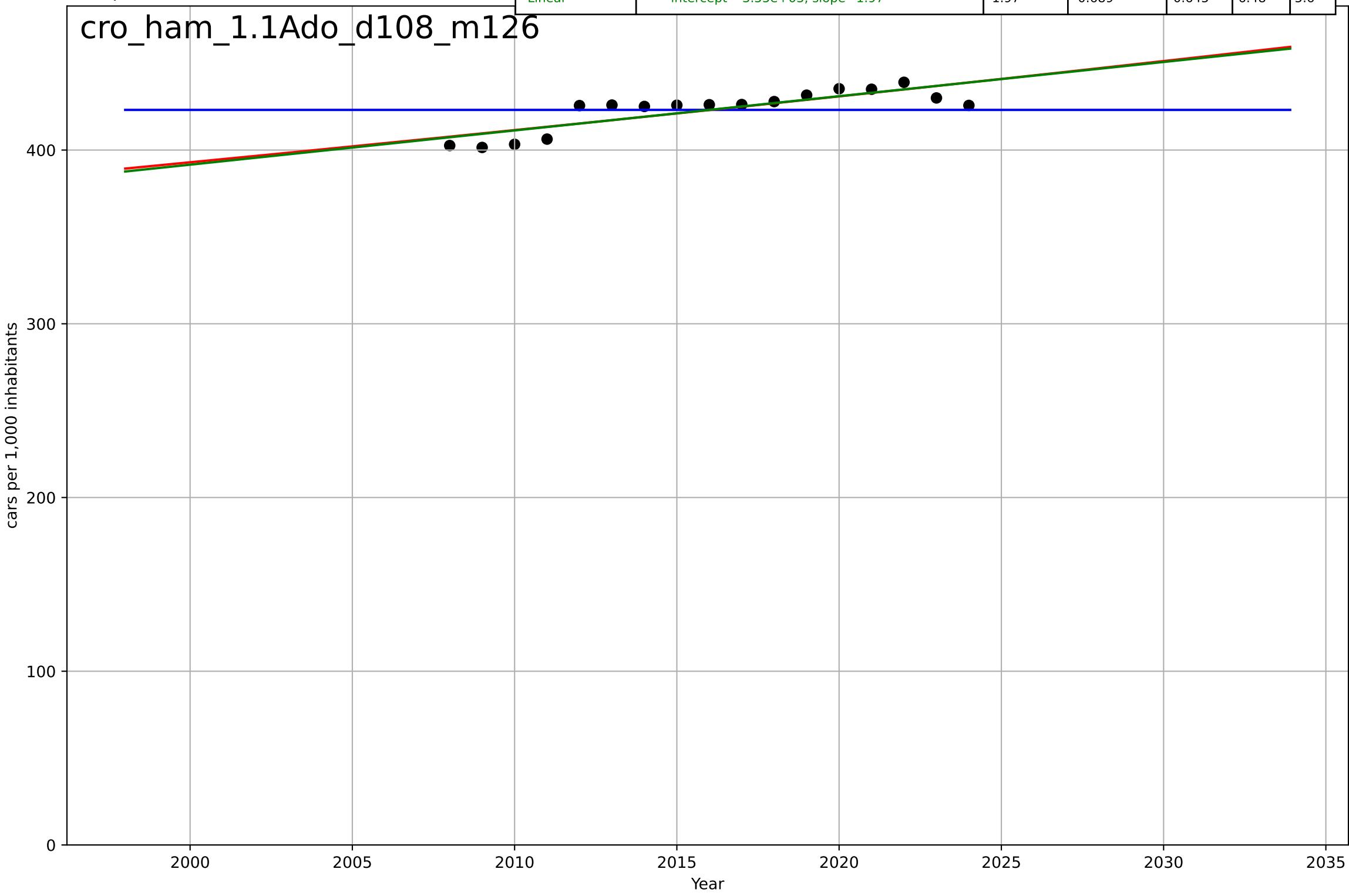
cro\_ber\_1.1Ado\_d059\_m126



car ownership  
 Hamburg  
 1.1 Adaption over time  
 Hamburg Car density 2008-2024  
 cars per 1,000 inhabitants

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=4384, Dt=-385, K=423	-0.0114	-6.26e-12	-0.231	11.6	9.26
Exponential	40.8*exp(0.00461*(x-1509))	0.00461	0.682	0.637	6.55	5.7
Linear	intercept=-3.55e+03, slope=1.97	1.97	0.689	0.645	6.48	5.6

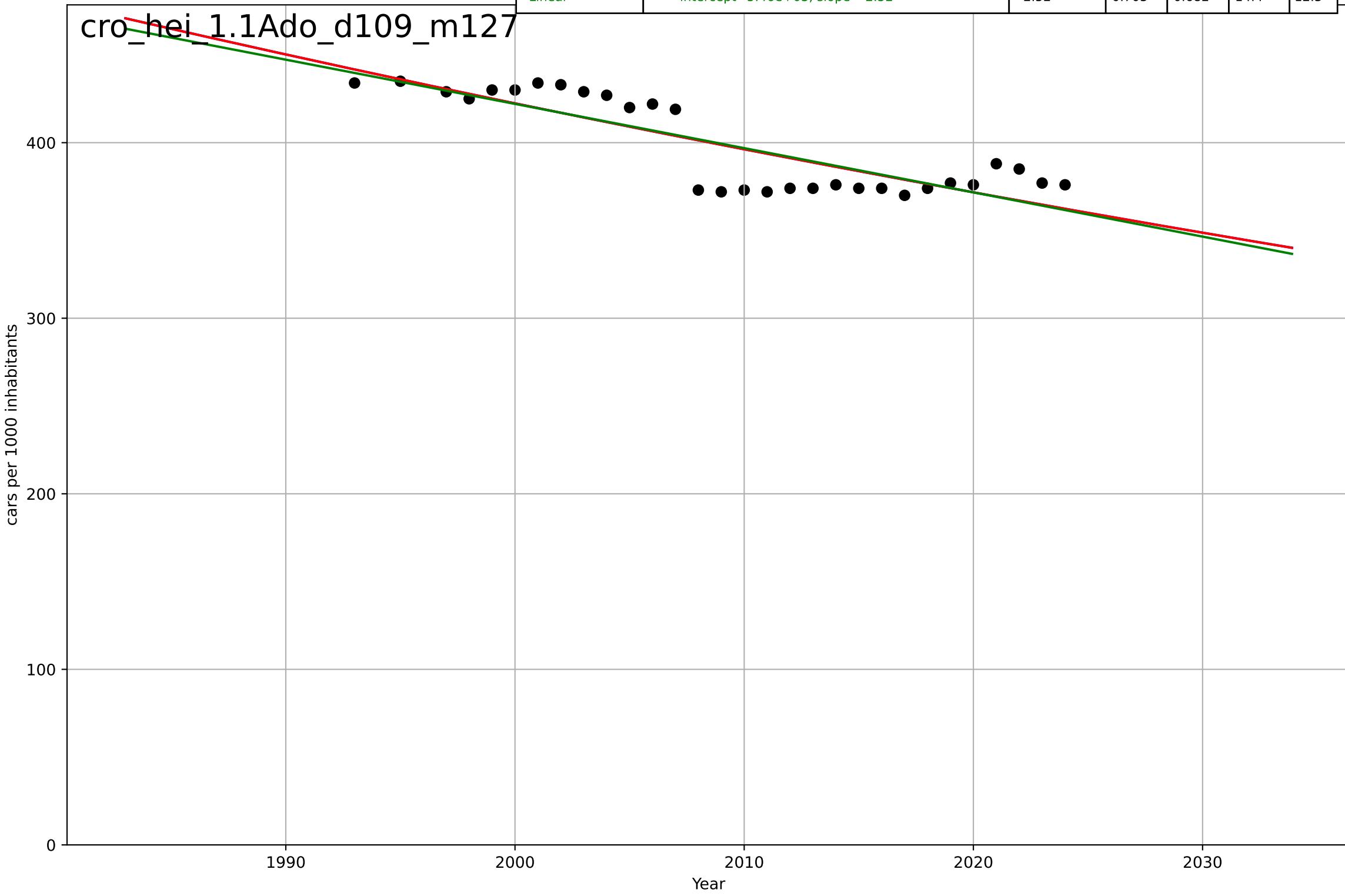
cro\_ham\_1.1Ado\_d108\_m126



car ownership  
 Heidelberg  
 1.1 Adaption over time  
 Heidelberg Car density 1993-2024  
 cars per 1000 inhabitants

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=755, D_t=-688, K=1.21e+06$	-0.00639	0.712	0.679	14.2	12.3
Exponential	$706 \cdot \exp(-0.00639 \cdot (x-1920))$	-0.00639	0.712	0.691	14.2	12.3
Linear	intercept=5.46e+03, slope=-2.52	-2.52	0.703	0.682	14.4	12.3

cro\_hei\_1.1Ado\_d109\_m127



car sharing

Germany

1.1 Adoption over time

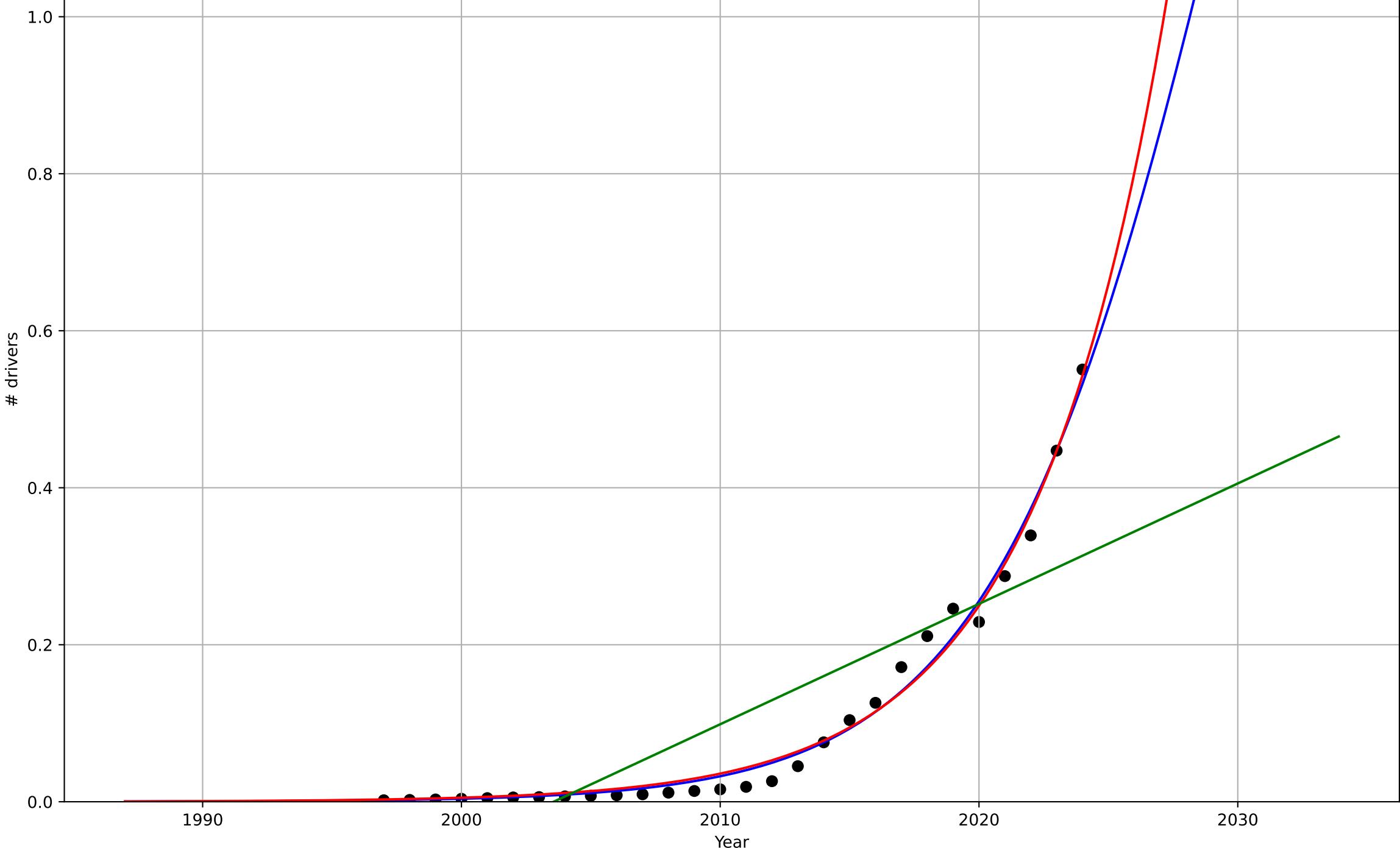
registered drivers

# drivers

1e7

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2030, D_t=20.4, K=2.55e+07$	0.216	0.986	0.984	1.75e+05	1.25e+05
Exponential	$8.87e-11 \cdot \exp(0.194 \cdot (x-1825))$	0.194	0.985	0.984	1.78e+05	1.32e+05
Linear	intercept=-3.07e+08, slope=1.53e+05	1.53e+05	0.707	0.684	7.97e+05	6.3e+05

crs\_ger\_1.1Ado\_d233\_m012



car sharing  
Germany

2.5 Choice availability

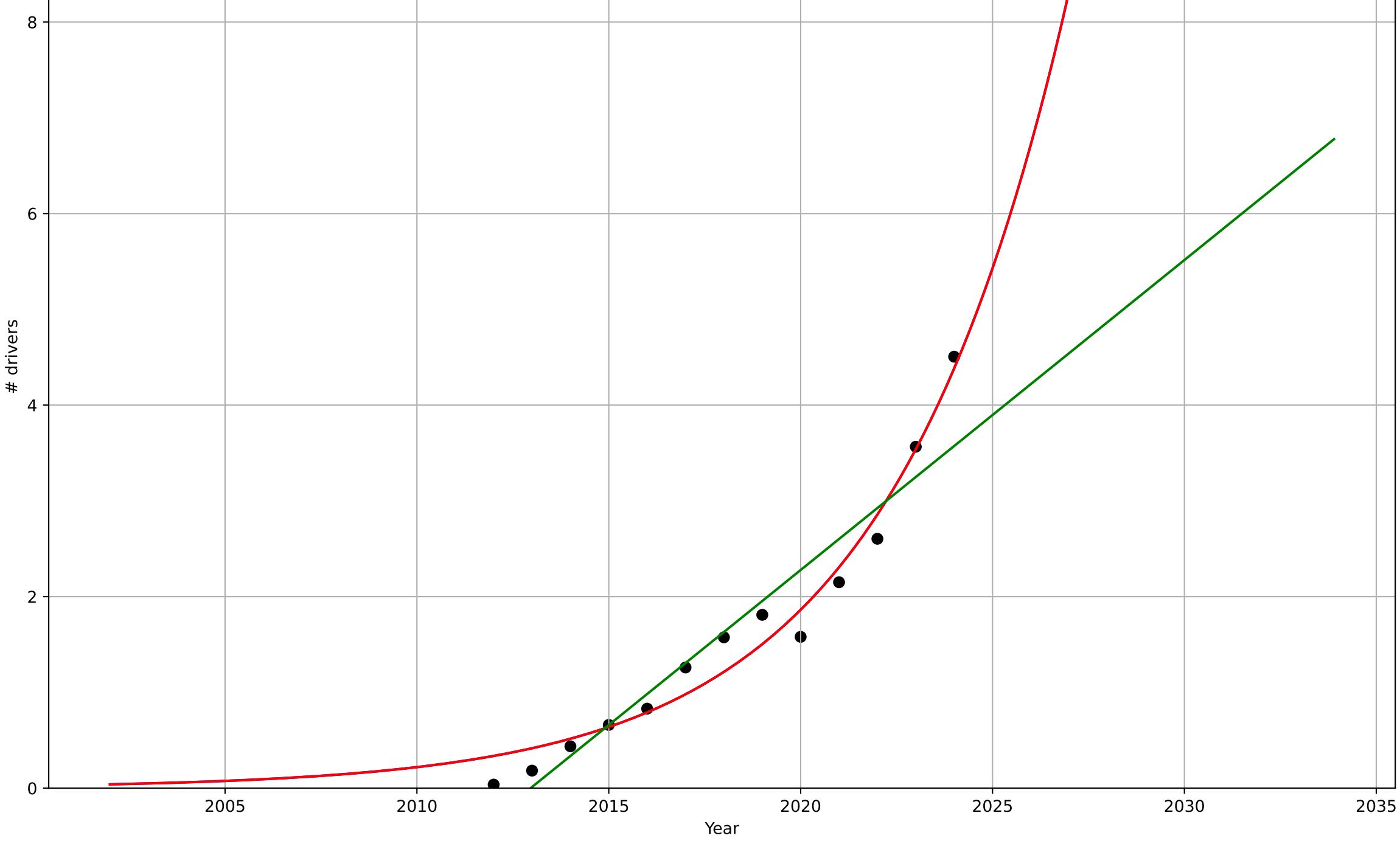
free-floating cars - registered drivers

# drivers

1e6

crs\_ger\_2.5Var\_d216\_m012

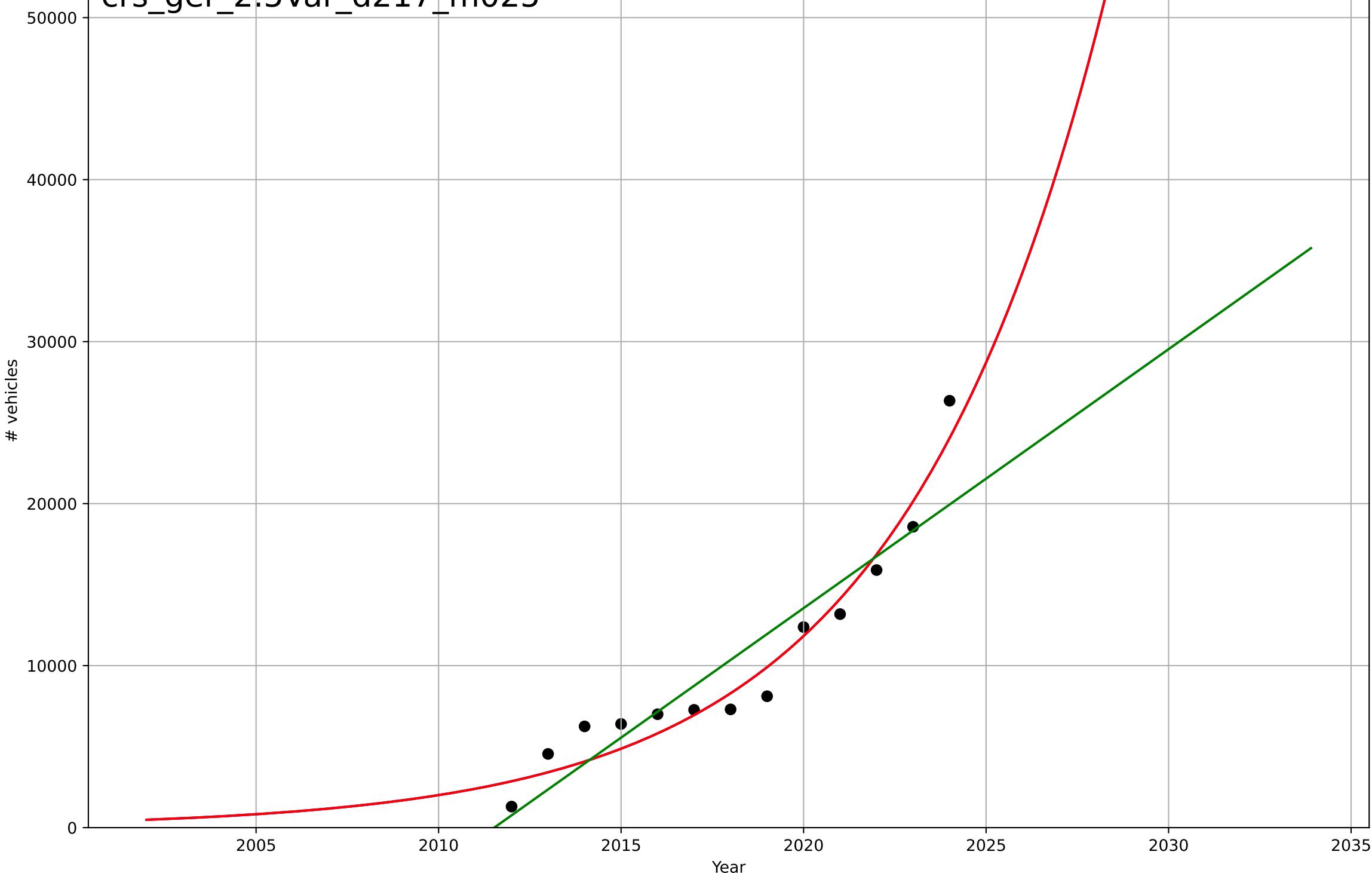
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2073, D_t=20.5, K=1.72e+11$	0.214	0.97	0.96	2.22e+05	1.89e+05
Exponential	$5.68e-12 \cdot \exp(0.214 \cdot (x-1832))$	0.214	0.97	0.964	2.22e+05	1.89e+05
Linear	intercept=-6.52e+08, slope=3.24e+05	3.24e+05	0.906	0.887	3.9e+05	2.88e+05



car sharing  
 Germany  
 2.5 Choice availability  
 free-floating cars - registered vehicles  
 # vehicles

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2091, D_t=24.8, K=3.8e+09$	0.177	0.952	0.936	1.42e+03	1.31e+03
Exponential	$1.55e-07 \cdot \exp(0.177 \cdot (x-1879))$	0.177	0.952	0.942	1.42e+03	1.31e+03
Linear	intercept=-3.22e+06, slope=1.6e+03	1.6e+03	0.846	0.816	2.55e+03	1.92e+03

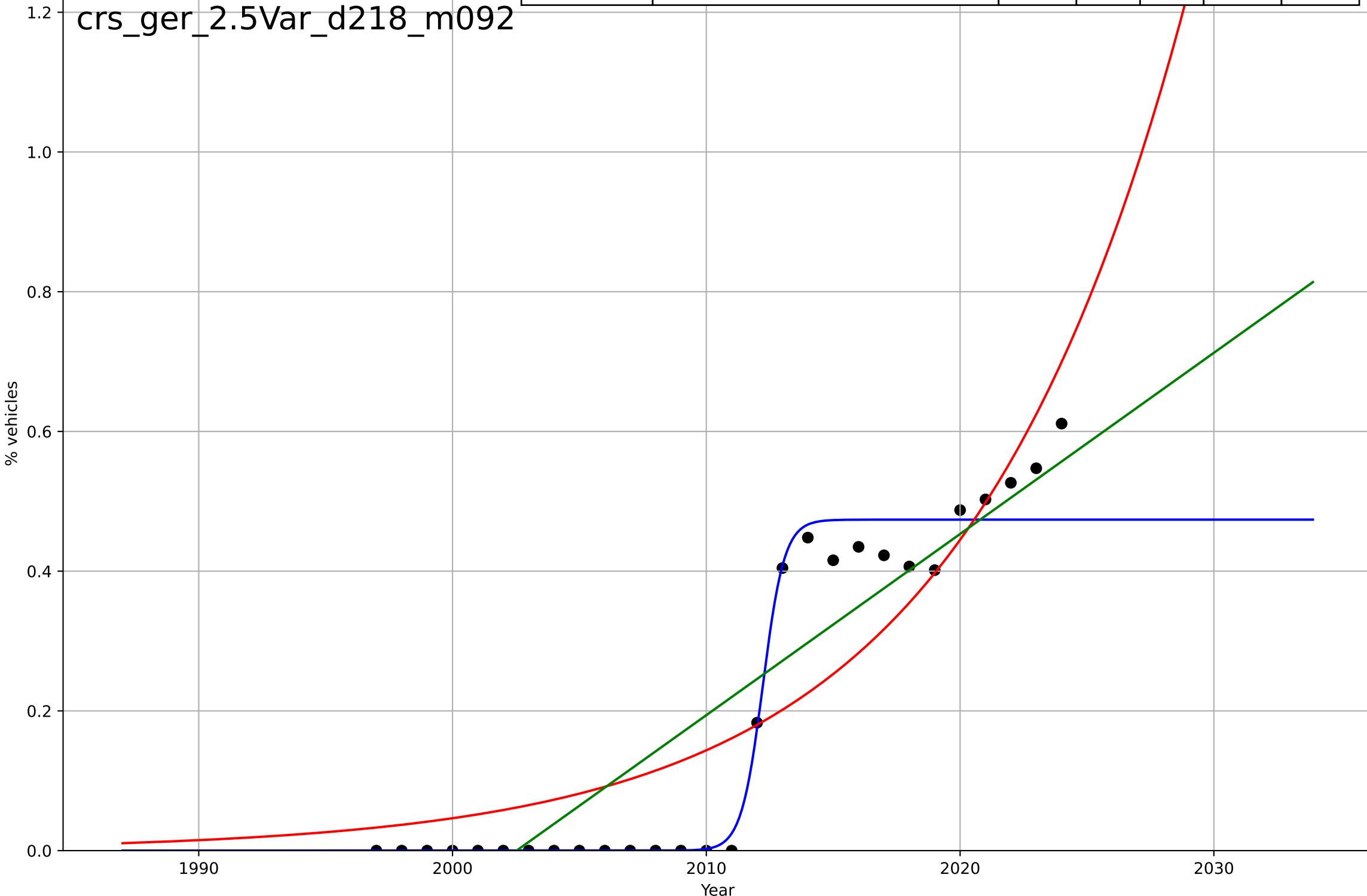
crs\_ger\_2.5Var\_d217\_m025



car sharing  
 Germany  
 2.5 Choice availability  
 free-floating cars as % of all shared cars  
 % vehicles

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=1.86, K=0.474$	2.36	0.969	0.965	0.0407	0.0233
Exponential	$2.37 \cdot \exp(0.113 \cdot (x-2035))$	0.113	0.805	0.789	0.102	0.0849
Linear	intercept=-51.9, slope=0.0259	0.0259	0.815	0.8	0.0997	0.0809

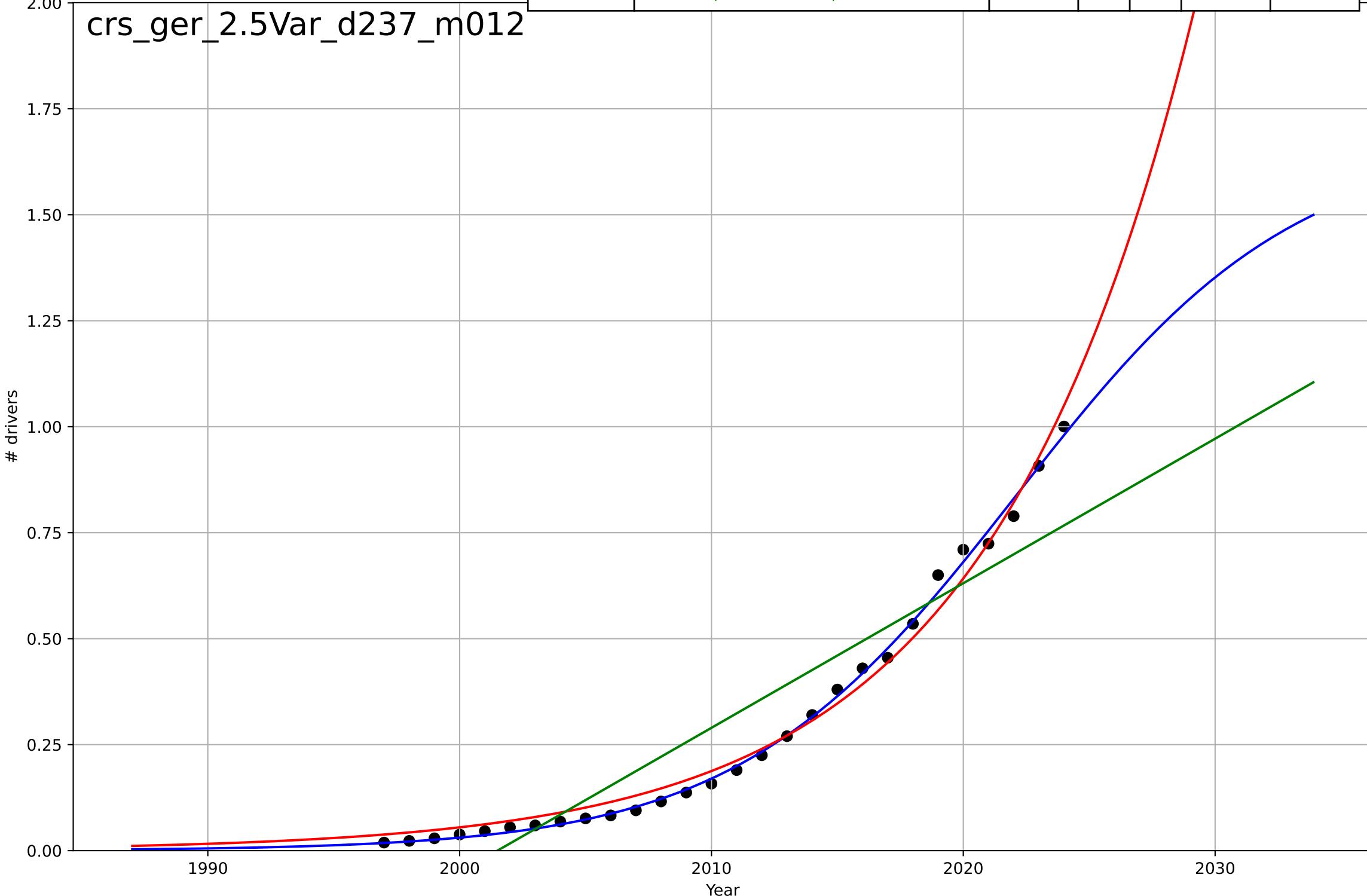
crs\_ger\_2.5Var\_d218\_m092



car sharing  
 Germany  
 2.5 Choice availability  
 station-based or combined - registered drivers  
 # drivers  
 $1e6$

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=24.4, K=1.68e+06$	0.18	0.997	0.997	$1.62e+04$	$1.19e+04$
Exponential	$1.27e-06 \cdot \exp(0.123 \cdot (x-1801))$	0.123	0.988	0.988	$3.17e+04$	$2.68e+04$
Linear	intercept= $-6.82e+07$ , slope= $3.41e+04$	$3.41e+04$	0.869	0.859	$1.07e+05$	$9.42e+04$

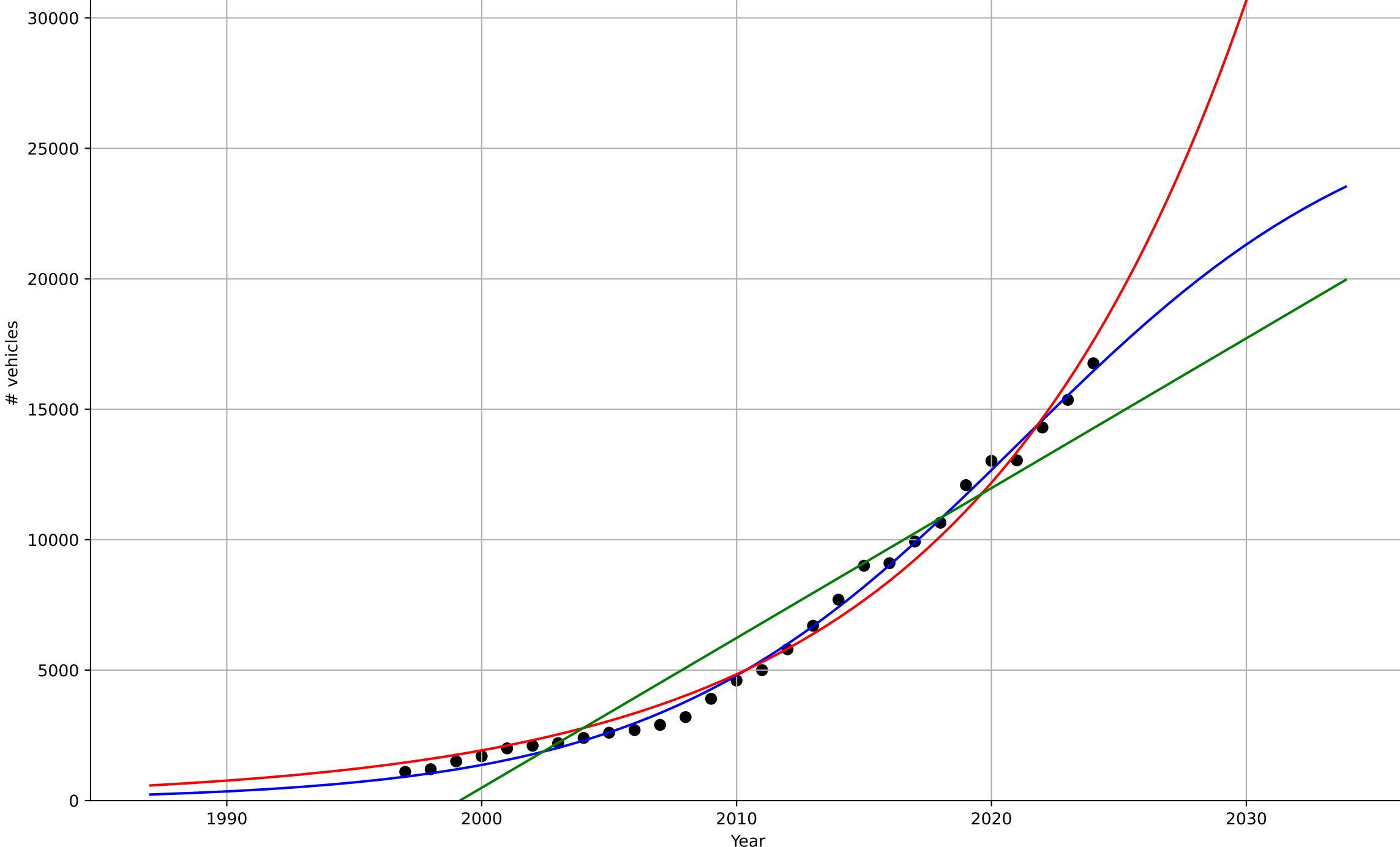
crs\_ger\_2.5Var\_d237\_m012



car sharing  
 Germany  
 2.5 Choice availability  
 station-based or combined - registered vehicle  
 # vehicles

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=31.4, K=2.75e+04	0.14	0.995	0.995	334	282
Exponential	0.000373*exp(0.0923*(x-1833))	0.0923	0.985	0.984	589	512
Linear	intercept=-1.15e+06, slope=574	574	0.925	0.919	1.32e+03	1.14e+03

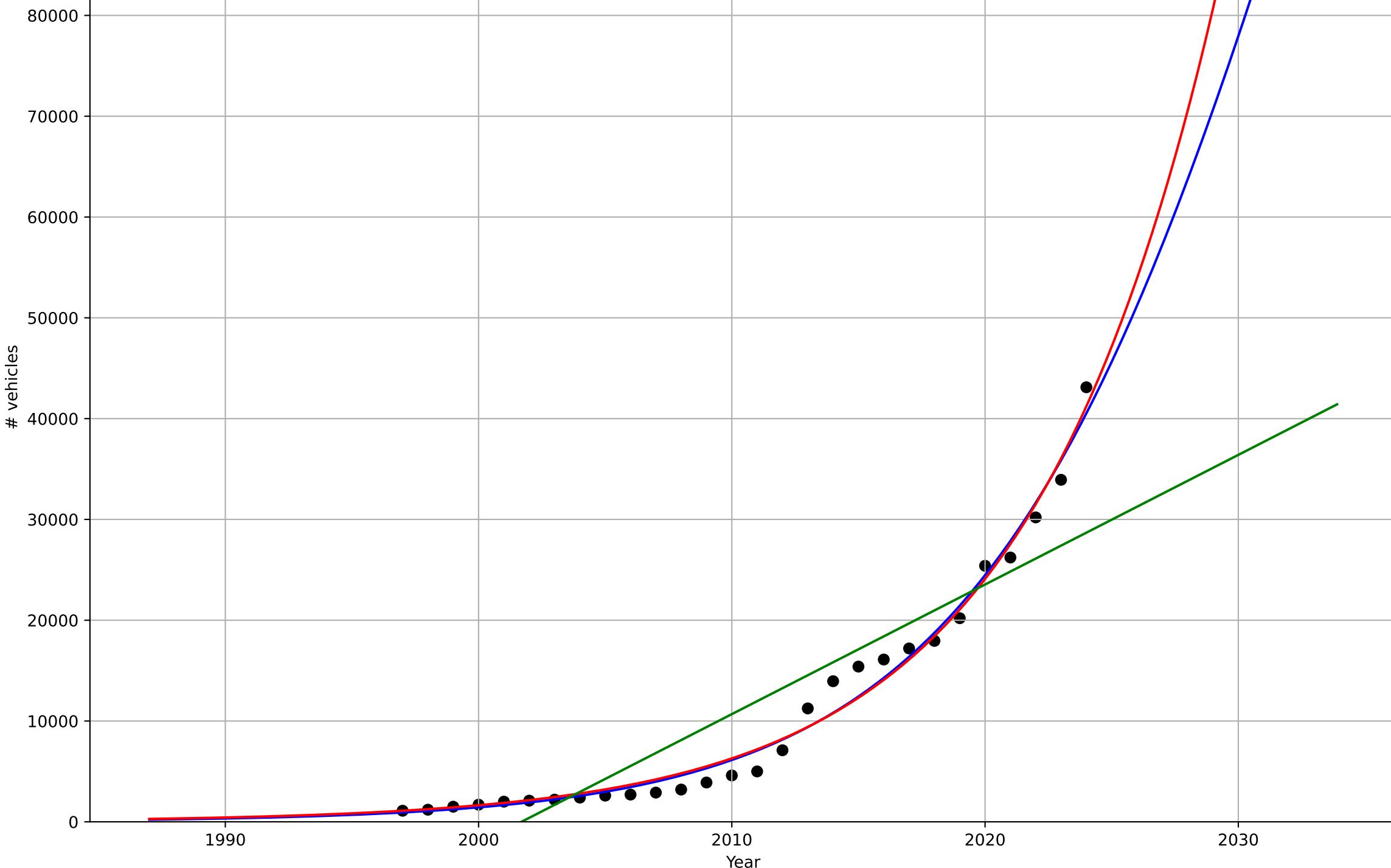
crs\_ger\_2.5Var\_d238\_m025



car sharing  
 Germany  
 2.9 Interdependence with Hardware  
 shared vehicles  
 # vehicles

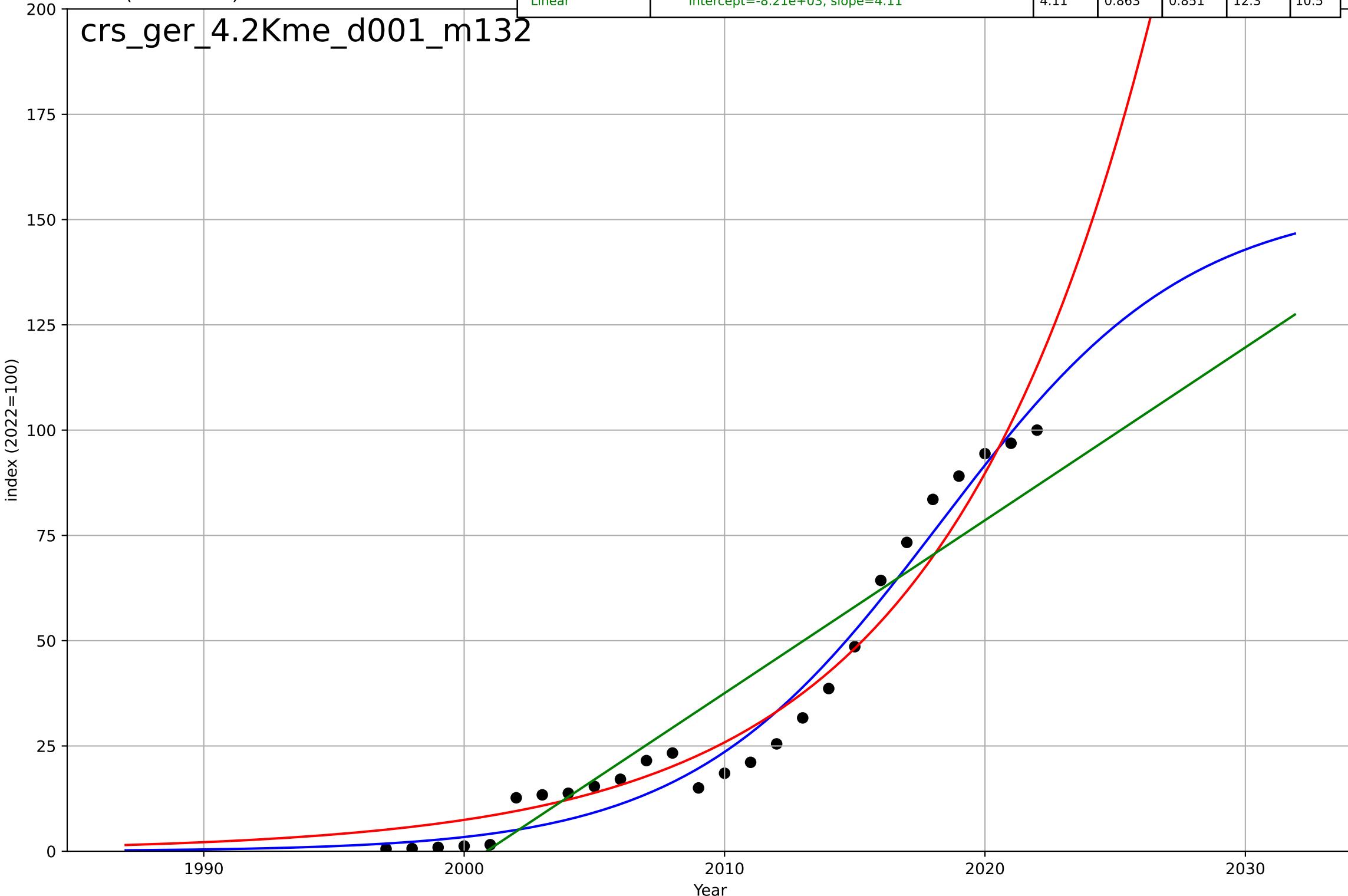
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2034, D_t=29.9, K=2.23e+05$	0.147	0.984	0.982	1.44e+03	1.16e+03
Exponential	$8.11e-06 \cdot \exp(0.134 \cdot (x-1858))$	0.134	0.984	0.982	1.46e+03	1.17e+03
Linear	intercept=-2.57e+06, slope=1.29e+03	1.29e+03	0.821	0.807	4.84e+03	3.95e+03

crs\_ger\_2.9Int\_d236\_m025



car sharing  
 Germany  
 4.2 Knowledge Flows (mass media)  
 "car sharing" mention in books  
 index (2022=100)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=21, K=155	0.209	0.971	0.967	5.61	5.18
Exponential	0.179*exp(0.124*(x-1970))	0.124	0.955	0.951	7.03	6
Linear	intercept=-8.21e+03, slope=4.11	4.11	0.863	0.851	12.3	10.5



car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=21, K=155	0.209	0.971	0.967	5.61	5.18
Exponential	0.179*exp(0.124*(x-1970))	0.124	0.955	0.951	7.03	6
Linear	intercept=-8.21e+03, slope=4.11	4.11	0.863	0.851	12.3	10.5

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

175

150

125

100

75

50

25

0

1990

2000

2010

2020

2030

Year

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

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200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

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car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

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Partial up to max index (2022=100)

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car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

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crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

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200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

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crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

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0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

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crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

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0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

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25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

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0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

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200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

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crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

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200

car sharing

Germany

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Partial up to max "car sharing" mention in book

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crs\_ger\_4.2Kme\_d254\_m164

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200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

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crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

Partial up to max "car sharing" mention in book

Partial up to max index (2022=100)

200

crs\_ger\_4.2Kme\_d254\_m164

Partial up to max index (2022=100)

100

75

50

25

0

200

car sharing

Germany

4.2 Knowledge Flows (mass media)

</div

mobesity

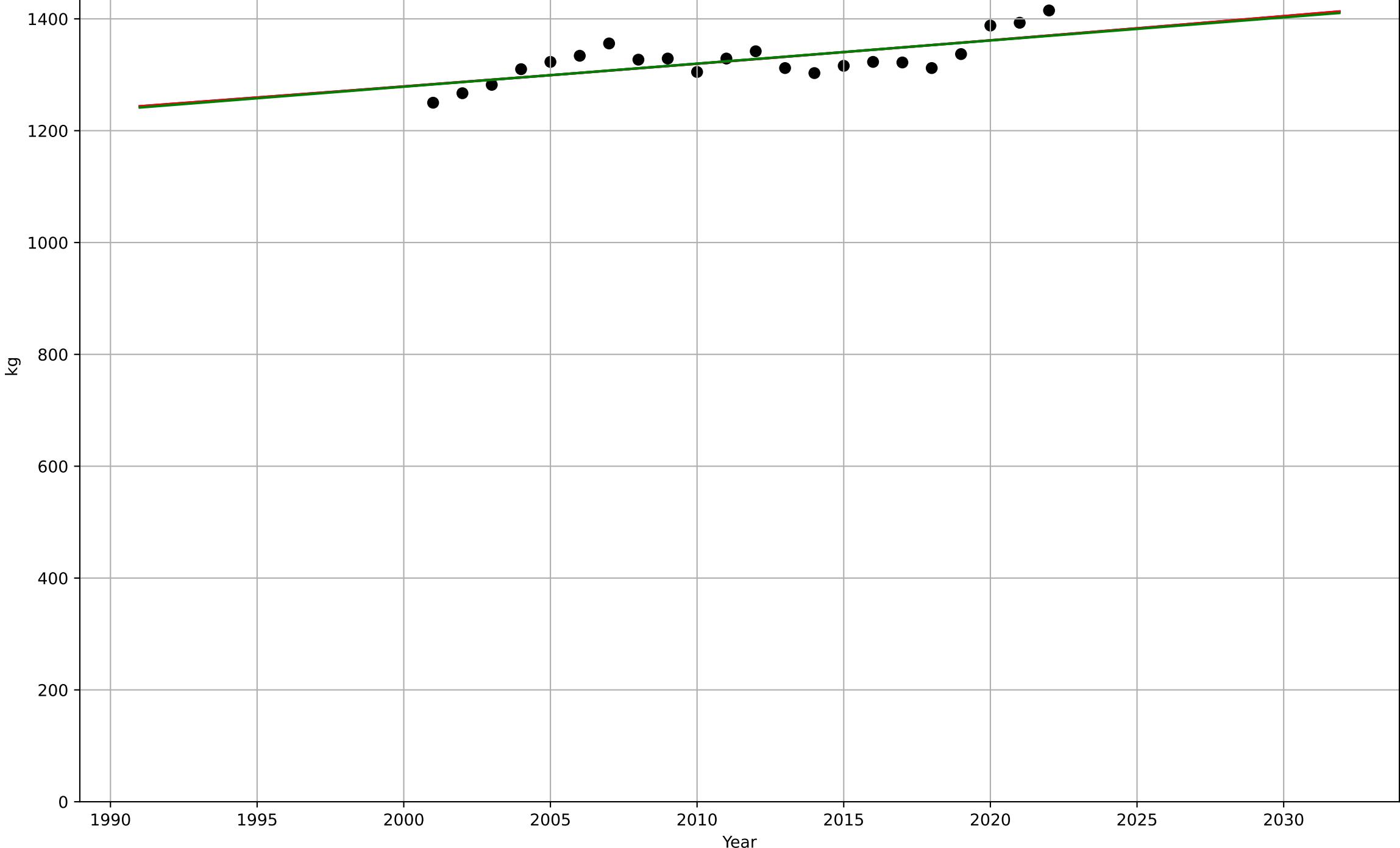
France

### 1.1 Adoption over Time

Average weight of all new sales / registrations  
kg

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=3738, Dt=1.4e+03, K=3.01e+05$	0.00314	0.496	0.412	26.5	24.1
Exponential	$121*\exp(0.00312*(x-1244))$	0.00312	0.496	0.443	26.5	24.1
Linear	intercept=-6.99e+03, slope=4.13	4.13	0.495	0.442	26.5	24.1

crz\_fra\_1.1Ado\_d058\_m134



mobesity

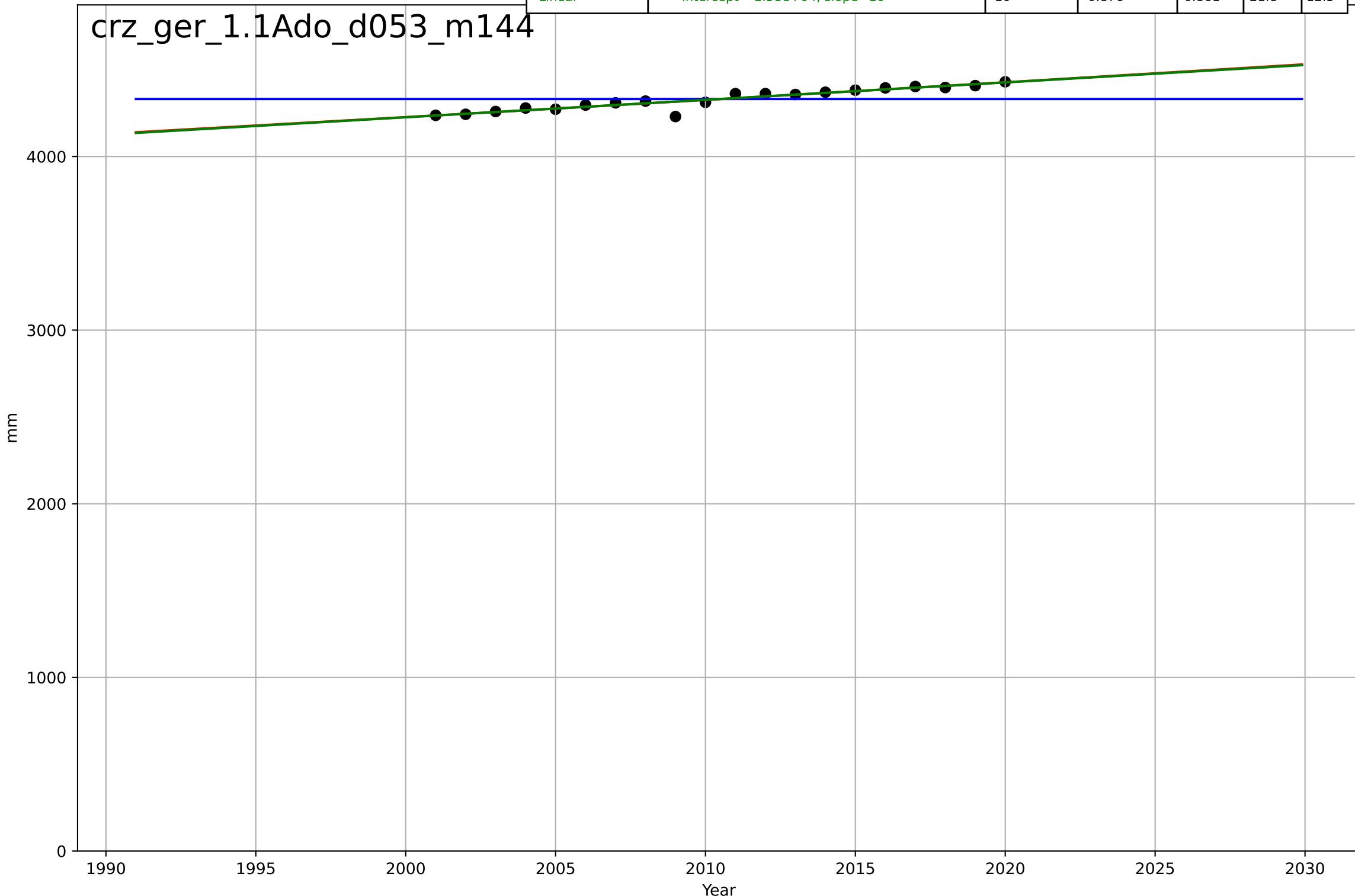
Germany

## 1.1 Adoption over Time

Average length of all new car sales / registrations  
mm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=7892, D_t=-943, K=4.33e+03$	-0.00466	-4.56e-12	-0.188	61.8	55.5
Exponential	$311 \cdot \exp(0.00232 \cdot (x-874))$	0.00232	0.876	0.861	21.8	12.5
Linear	intercept=-1.58e+04, slope=10	10	0.876	0.861	21.8	12.5

crz\_ger\_1.1Ado\_d053\_m144



mobesity

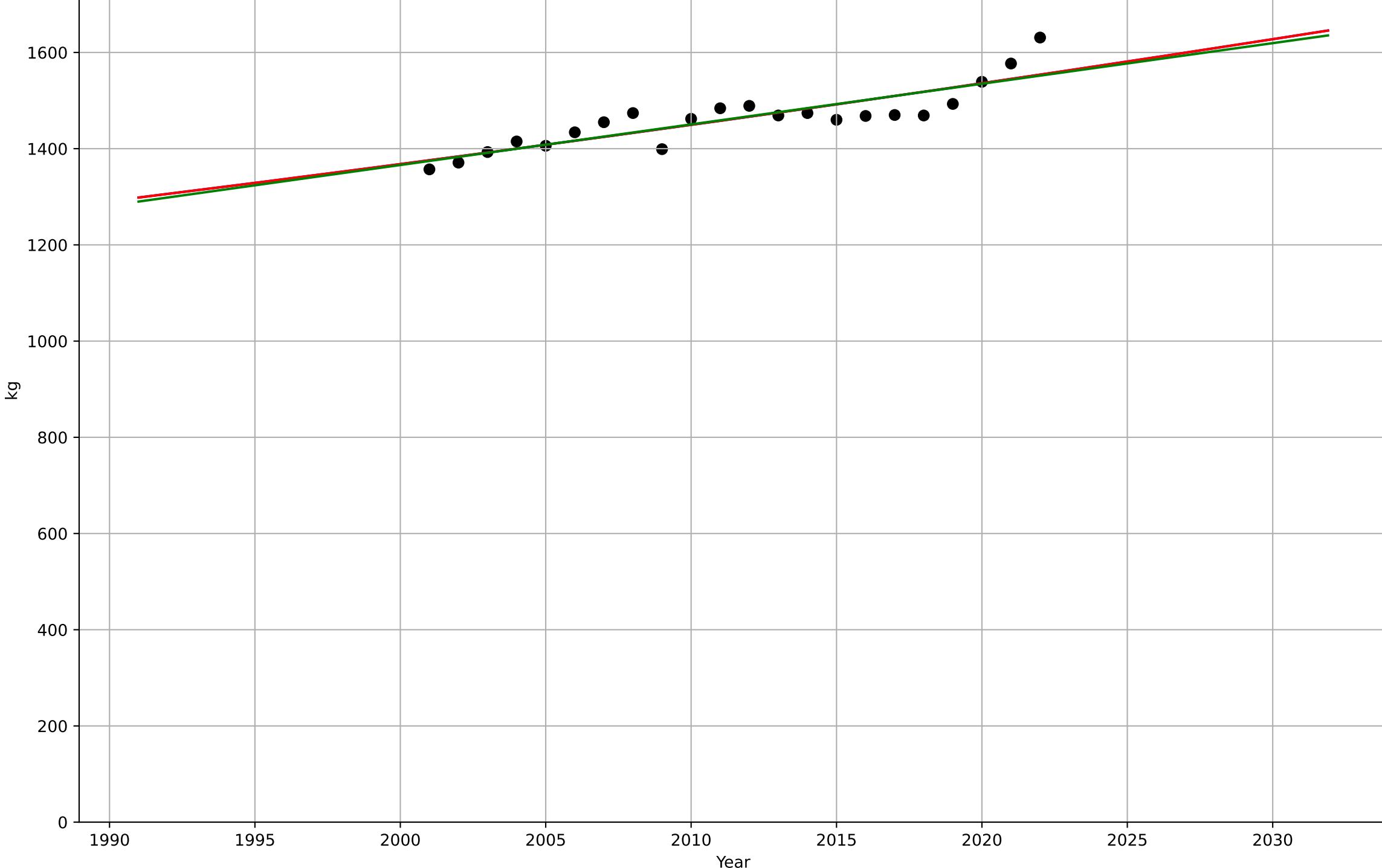
Germany

## 1.1 Adoption over Time

Average weight of all new car sales / registration  
kg

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3239, Dt=758, K=1.81e+06	0.0058	0.75	0.708	31	25.4
Exponential	58.2*exp(0.00579*(x-1455))	0.00579	0.75	0.723	31	25.4
Linear	intercept=-1.55e+04, slope=8.44	8.44	0.747	0.72	31.2	25.4

crz\_ger\_1.1Ado\_d057\_m134



digital skills

Denmark

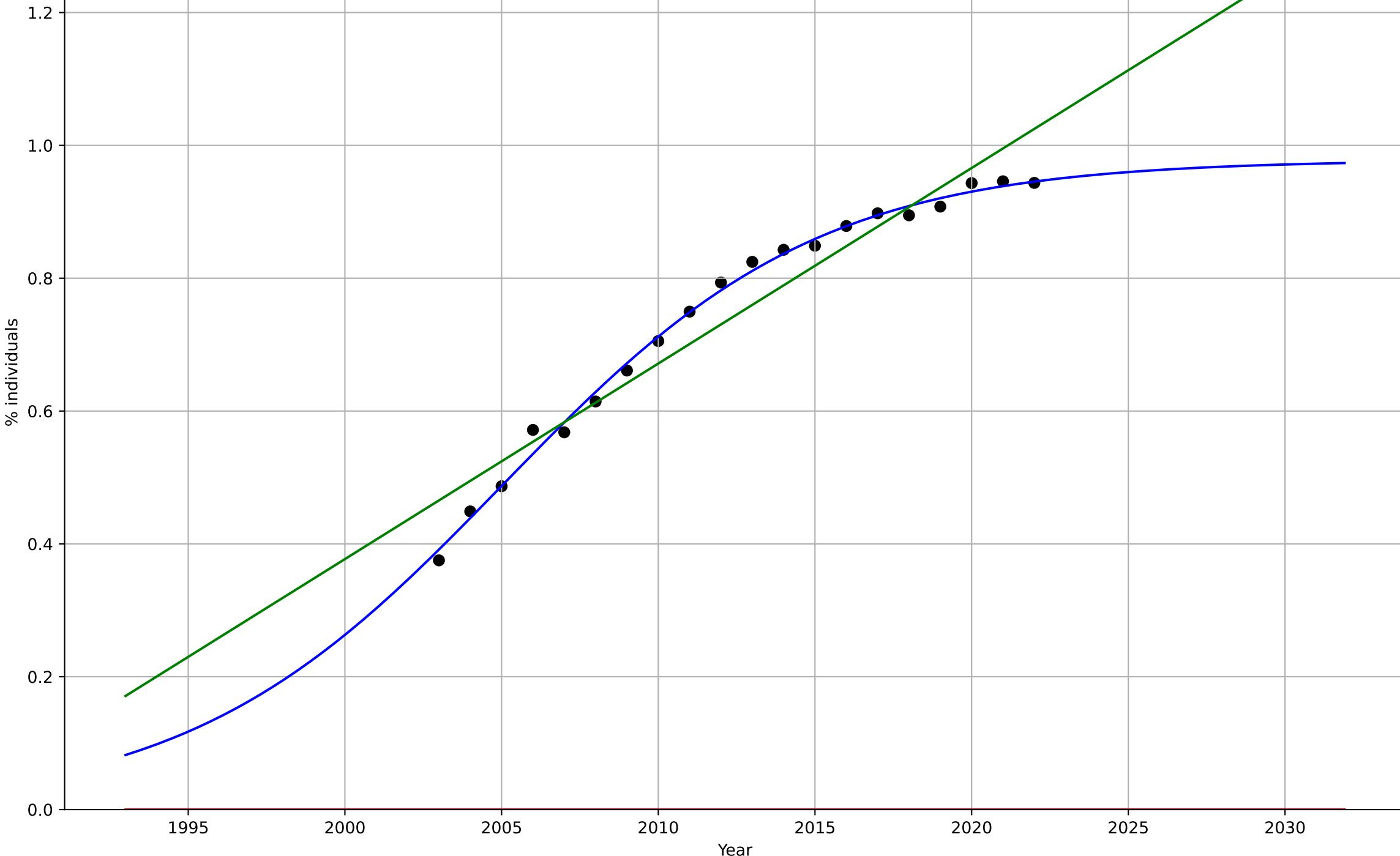
1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=22.1, K=0.978	0.199	0.995	0.994	0.0129	0.0102
Exponential	1.55e+03*exp(0.00369*(x-157523))	0.00369	-18	-20.3	0.766	0.745
Linear	intercept=-58.5, slope=0.0294	0.0294	0.935	0.928	0.0447	0.0383

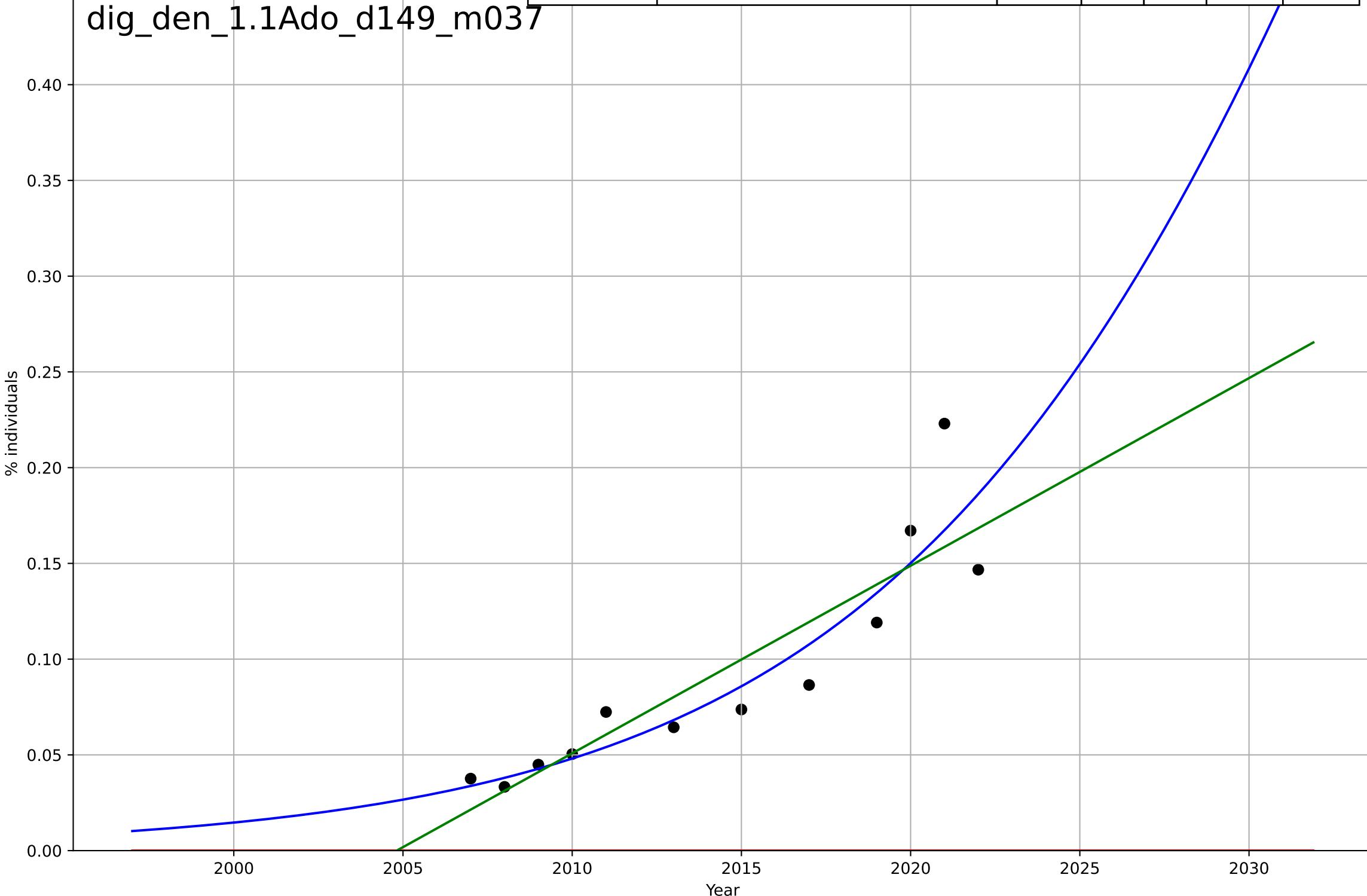
dig\_den\_1.1Ado\_d148\_m037



digital skills  
 Denmark  
 1.1 Adoption over time  
 Online activity: doing online course  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2038, D_t=36.3, K=1.51$	0.121	0.839	0.779	0.0227	0.0163
Exponential	$-0.238 \cdot \exp(-0.0938 \cdot (x-1364))$	-0.0938	-2.72	-3.55	0.109	0.0933
Linear	intercept=-19.6, slope=0.0098	0.0098	0.797	0.752	0.0255	0.0195

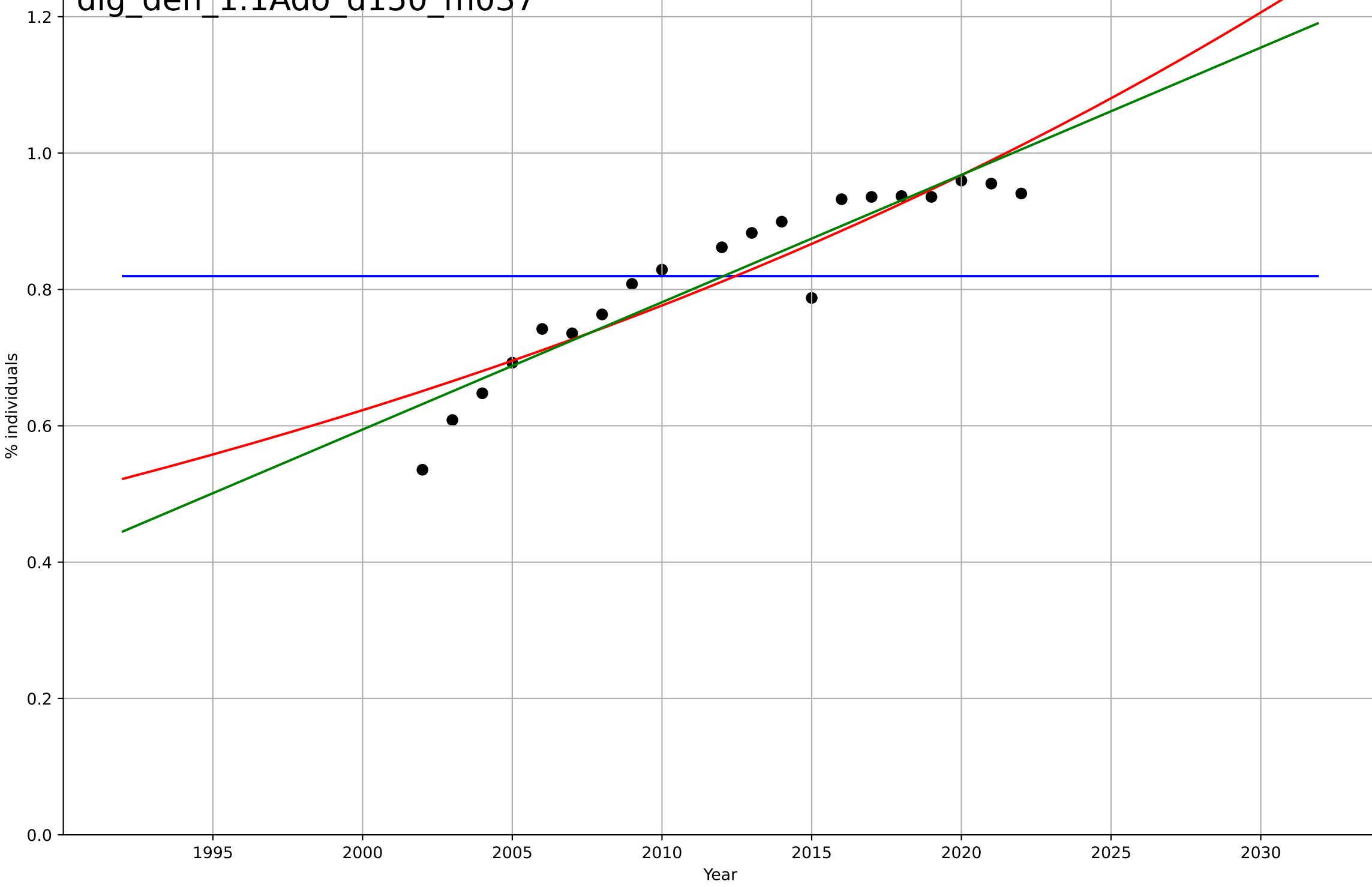
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digital skills  
Denmark  
1.1 Adoption over time  
Online activity: emailing  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2412, D_t=-59.2, K=0.819$	-0.0742	-1.53e-09	-0.188	0.124	0.105
Exponential	$2.75 \cdot \exp(0.022 \cdot (x-2067))$	0.022	0.843	0.825	0.049	0.0407
Linear	intercept=-36.8, slope=0.0187	0.0187	0.874	0.859	0.0439	0.0365

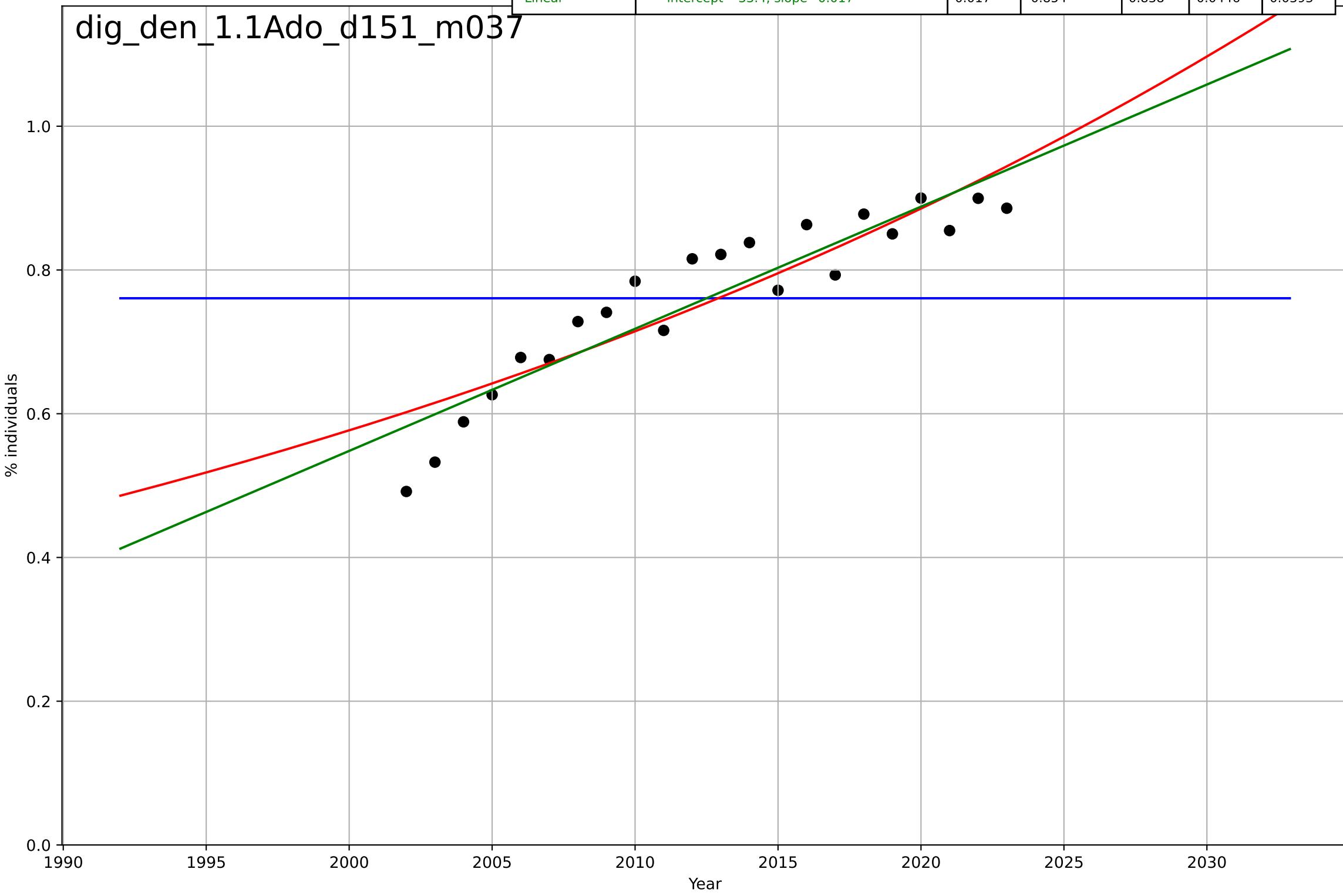
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digital skills  
Denmark  
1.1 Adoption over time  
Online activity: finding info  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2401, Dt=-43.9, K=0.761	-0.1	-1.08e-10	-0.167	0.117	0.097
Exponential	0.151*exp(0.0214*(x-1937))	0.0214	0.819	0.8	0.0496	0.0426
Linear	intercept=-33.4, slope=0.017	0.017	0.854	0.838	0.0446	0.0393

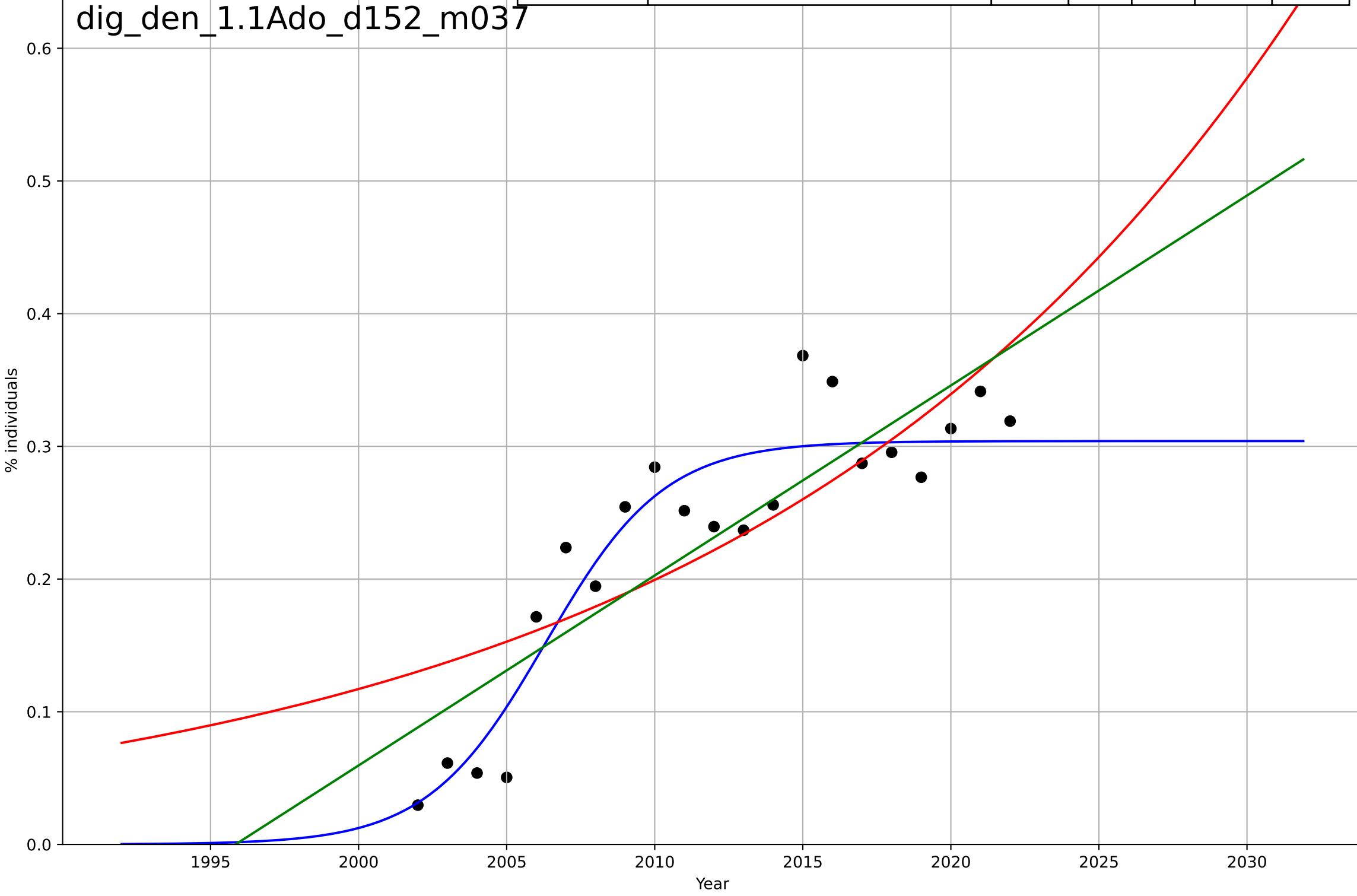
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digital skills  
Denmark  
1.1 Adoption over time  
Online activity: selling  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2006, D_t=8.78, K=0.304$	0.501	0.882	0.861	0.0345	0.0294
Exponential	$3.63 \cdot \exp(0.0532 \cdot (x-2065))$	0.0532	0.644	0.605	0.0599	0.0482
Linear	intercept=-28.6, slope=0.0143	0.0143	0.746	0.717	0.0506	0.0434

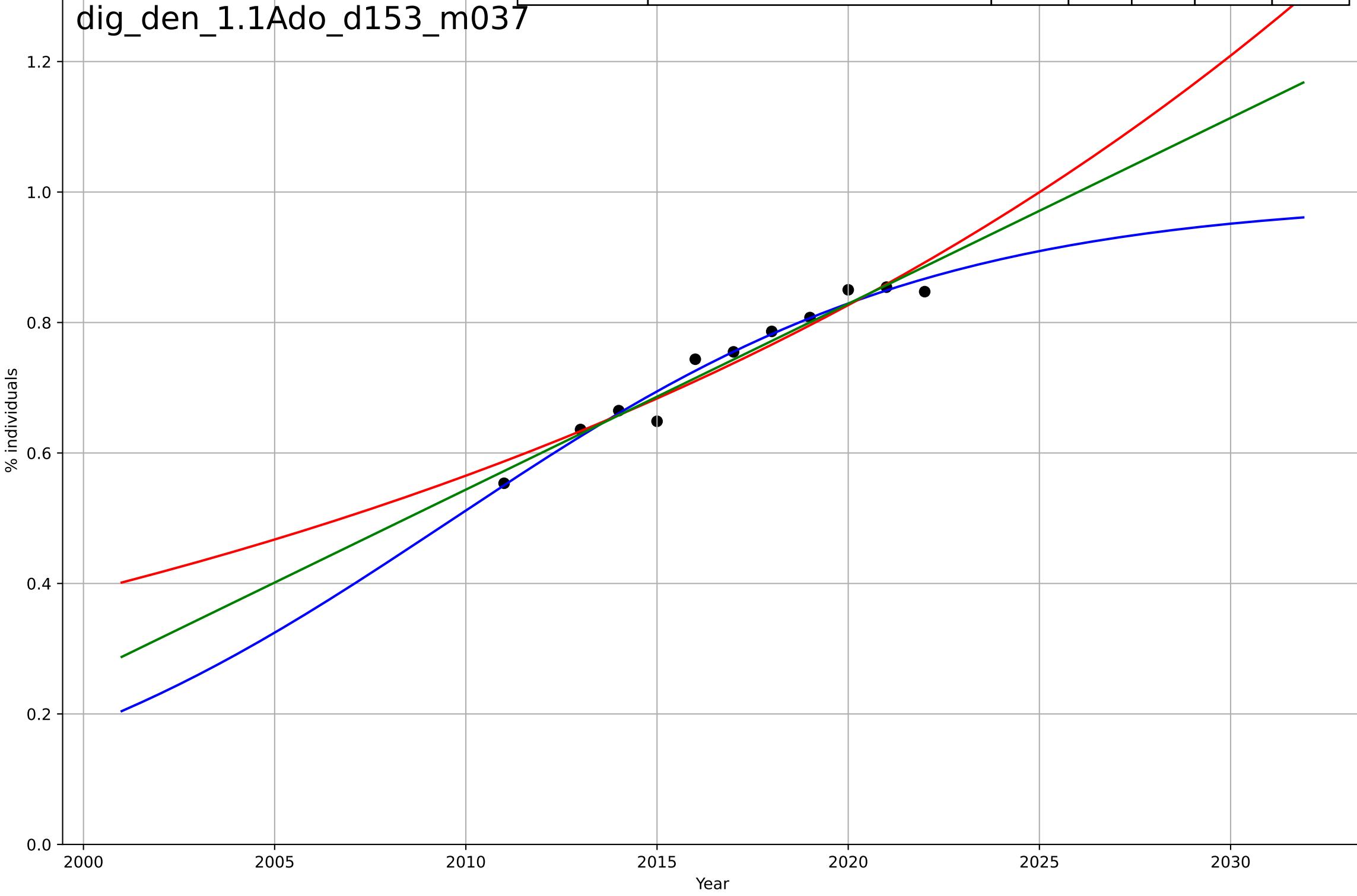
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digital skills  
 Denmark  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=27.9, K=0.99	0.157	0.967	0.953	0.0177	0.012
Exponential	1.15*exp(0.038*(x-2029))	0.038	0.933	0.916	0.0251	0.0212
Linear	intercept=-56.7, slope=0.0285	0.0285	0.951	0.939	0.0214	0.0178

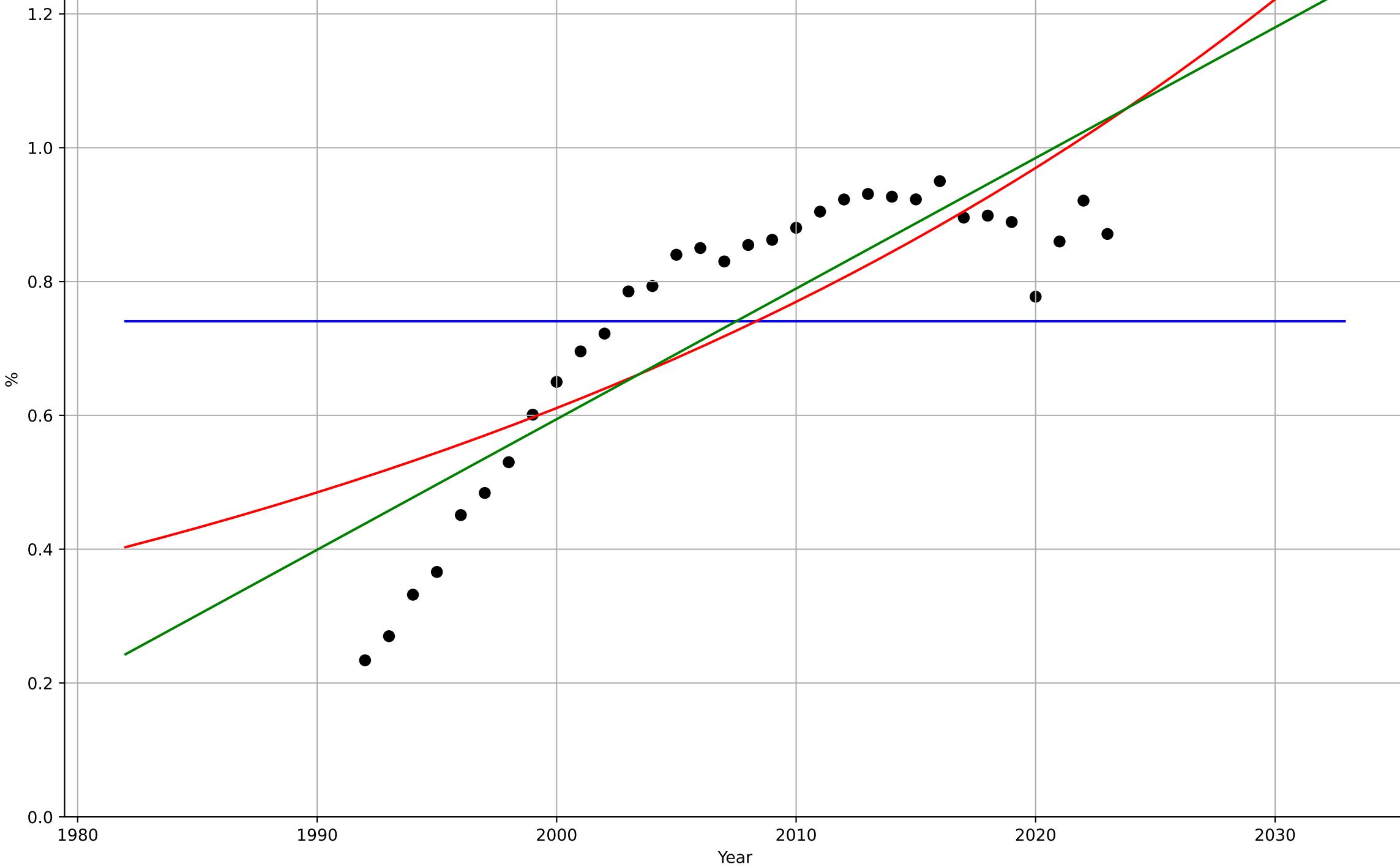
dig\_den\_1.1Ado\_d153\_m037



digital skills  
 Denmark  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2445, Dt=-52.8, K=0.741$	-0.0832	-7.26e-12	-0.107	0.212	0.176
Exponential	$1.09 \cdot \exp(0.0231 \cdot (x-2025))$	0.0231	0.636	0.611	0.128	0.112
Linear	intercept=-38.4, slope=0.0195	0.0195	0.724	0.705	0.111	0.0994

dig\_den\_2.9Int\_d004\_m028



digital skills

Italy

1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2024, D_t=36.3, K=1.1$	0.121	0.99	0.987	0.012	0.0108
Exponential	$1.02 \cdot \exp(0.0894 \cdot (x-2030))$	0.0894	0.986	0.984	0.0138	0.011
Linear	intercept=-44.9, slope=0.0224	0.0224	0.98	0.977	0.0168	0.0131

dig\_ita\_1.1Ado\_d148\_m037

% individuals

1995

2000

2005

2010

2015

2020

2025

2030

Year

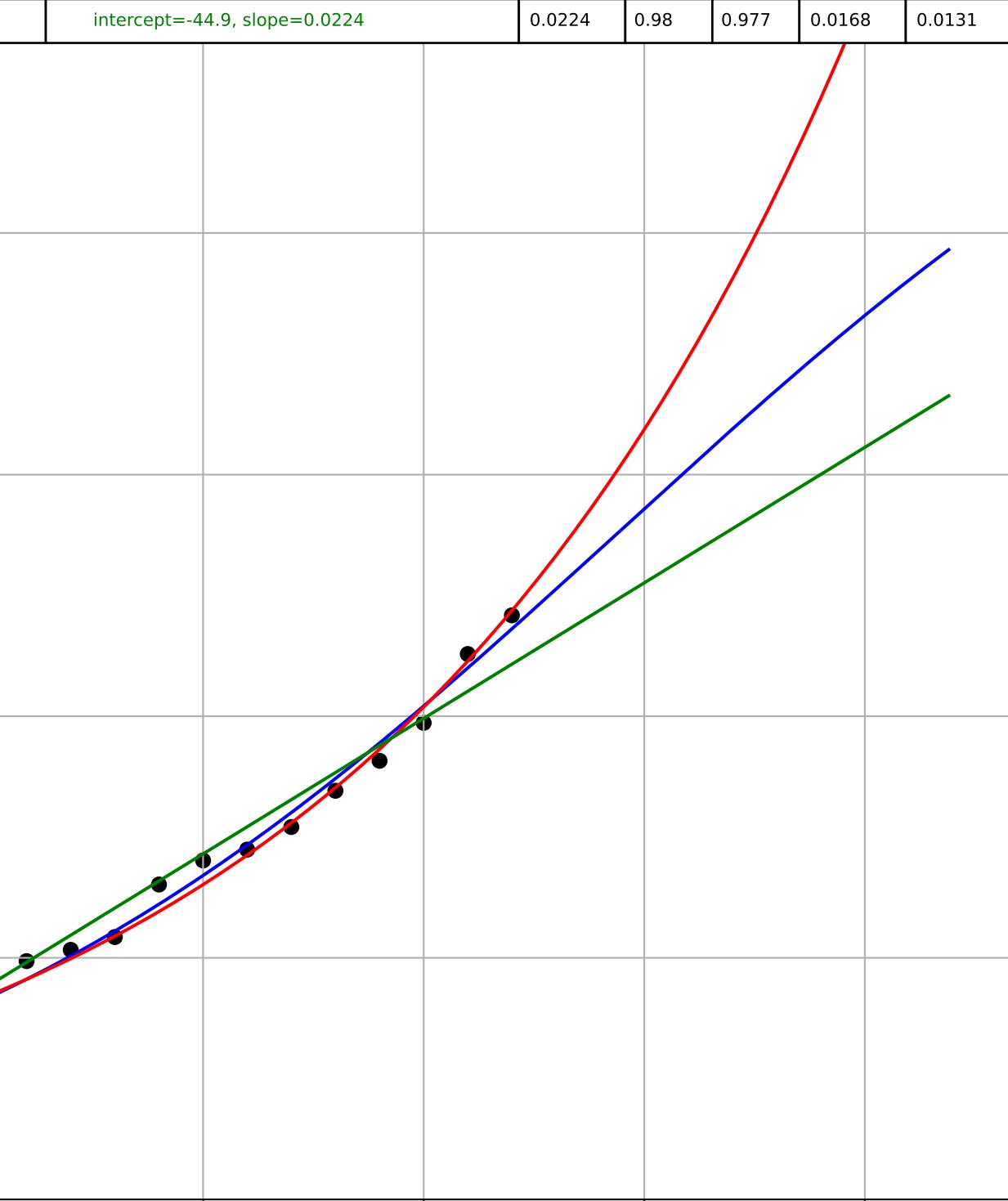
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digital skills

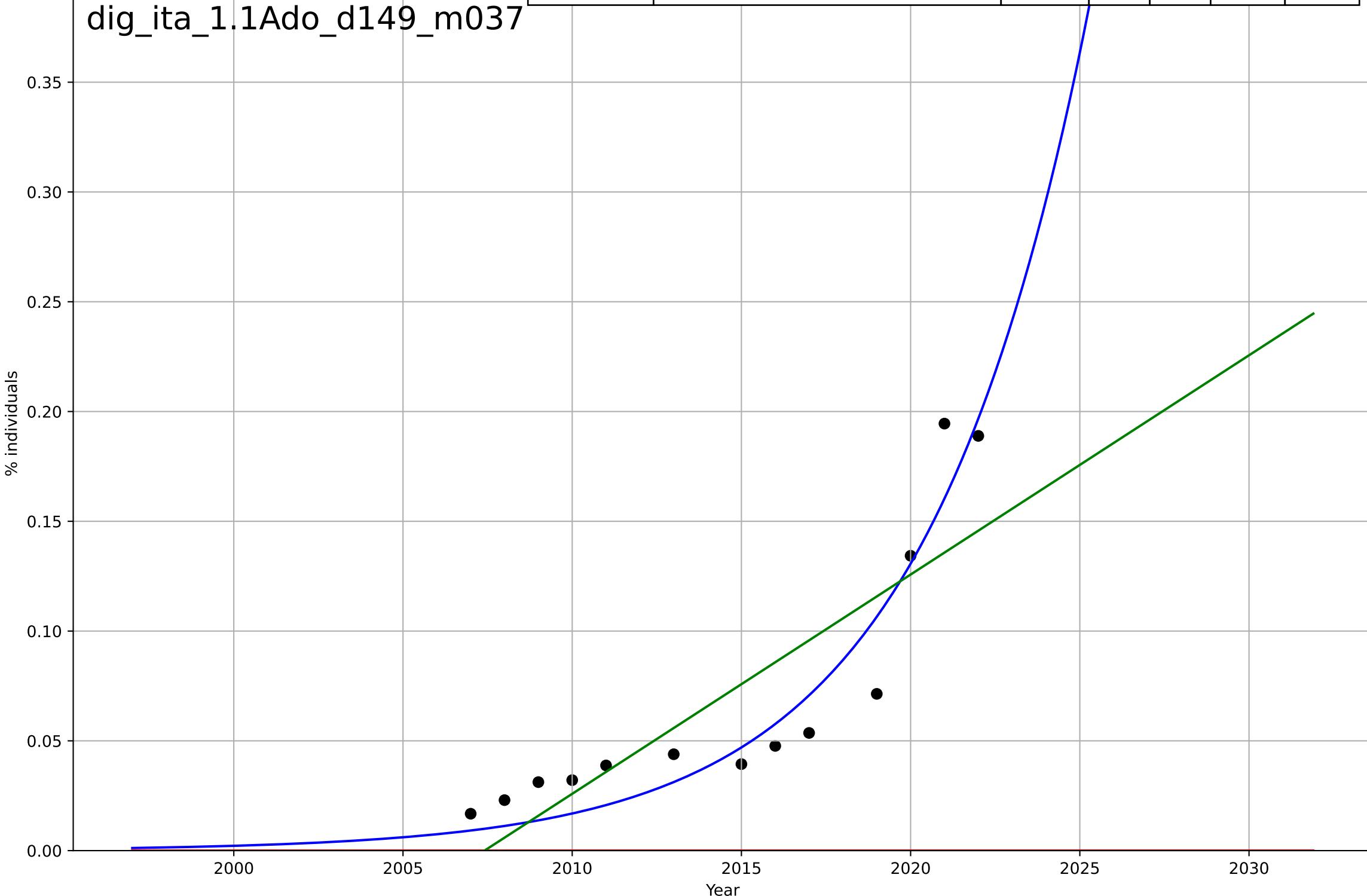
Italy

### 1.1 Adoption over time

Online activity: doing online course  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2079, Dt=21.5, K=2.35e+04	0.205	0.908	0.878	0.0179	0.0152
Exponential	0.379*exp(-0.0956*(x-90))	-0.0956	-1.43	-1.92	0.0918	0.0704
Linear	intercept=-20, slope=0.00999	0.00999	0.71	0.652	0.0317	0.0266

dig\_ita\_1.1Ado\_d149\_m037



digital skills

Italy

1.1 Adoption over time

Online activity: emailing

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=31.5, K=0.778$	0.139	0.975	0.969	0.0202	0.0175
Exponential	$1.34 \cdot \exp(0.0479 \cdot (x-2035))$	0.0479	0.947	0.94	0.0294	0.0253
Linear	intercept=-47.5, slope=0.0238	0.0238	0.973	0.97	0.0209	0.0185

dig\_ita\_1.1Ado\_d150\_m037

% individuals

1995

2000

2005

2010

2015

2020

2025

2030

Year

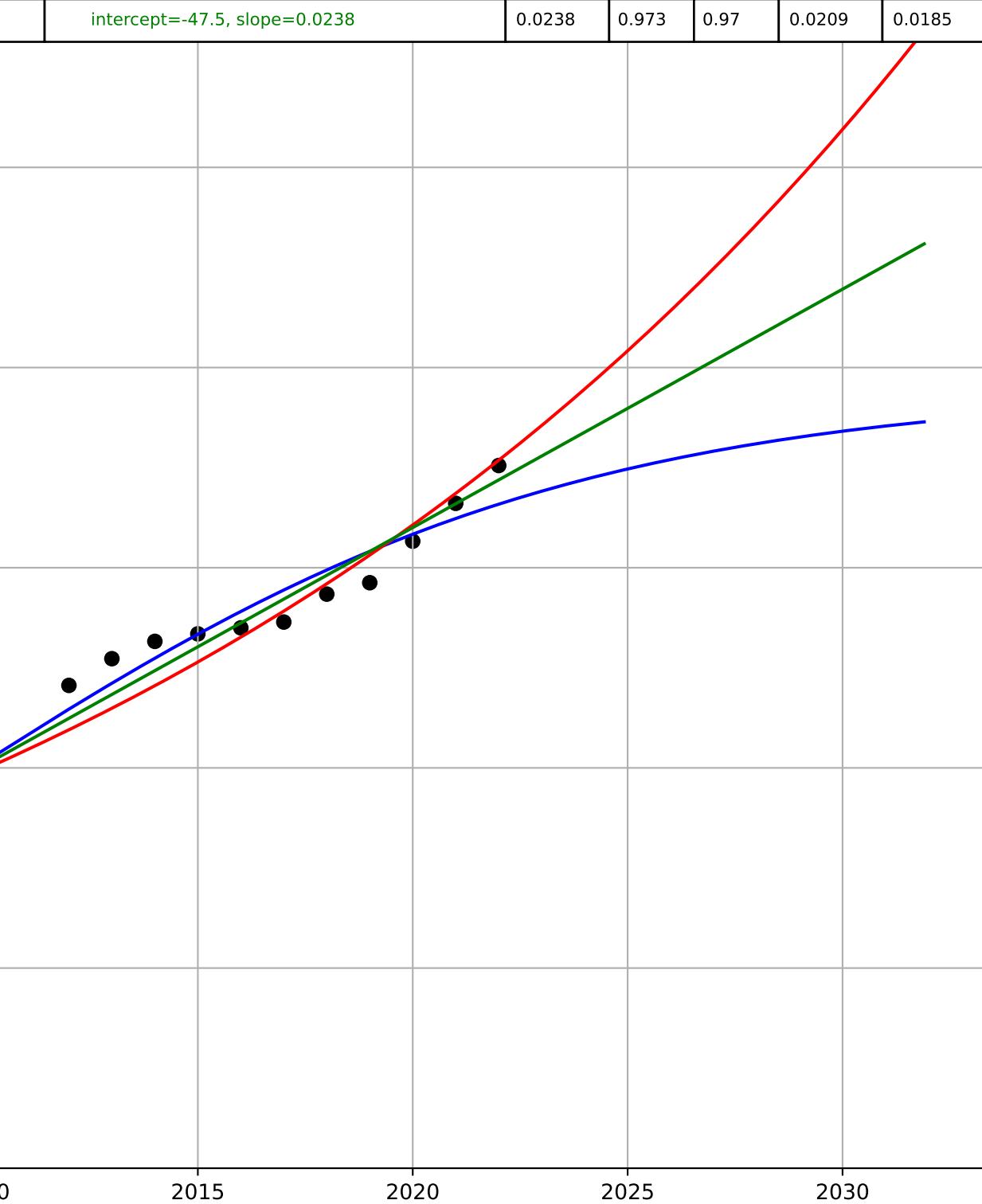
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digital skills

Italy

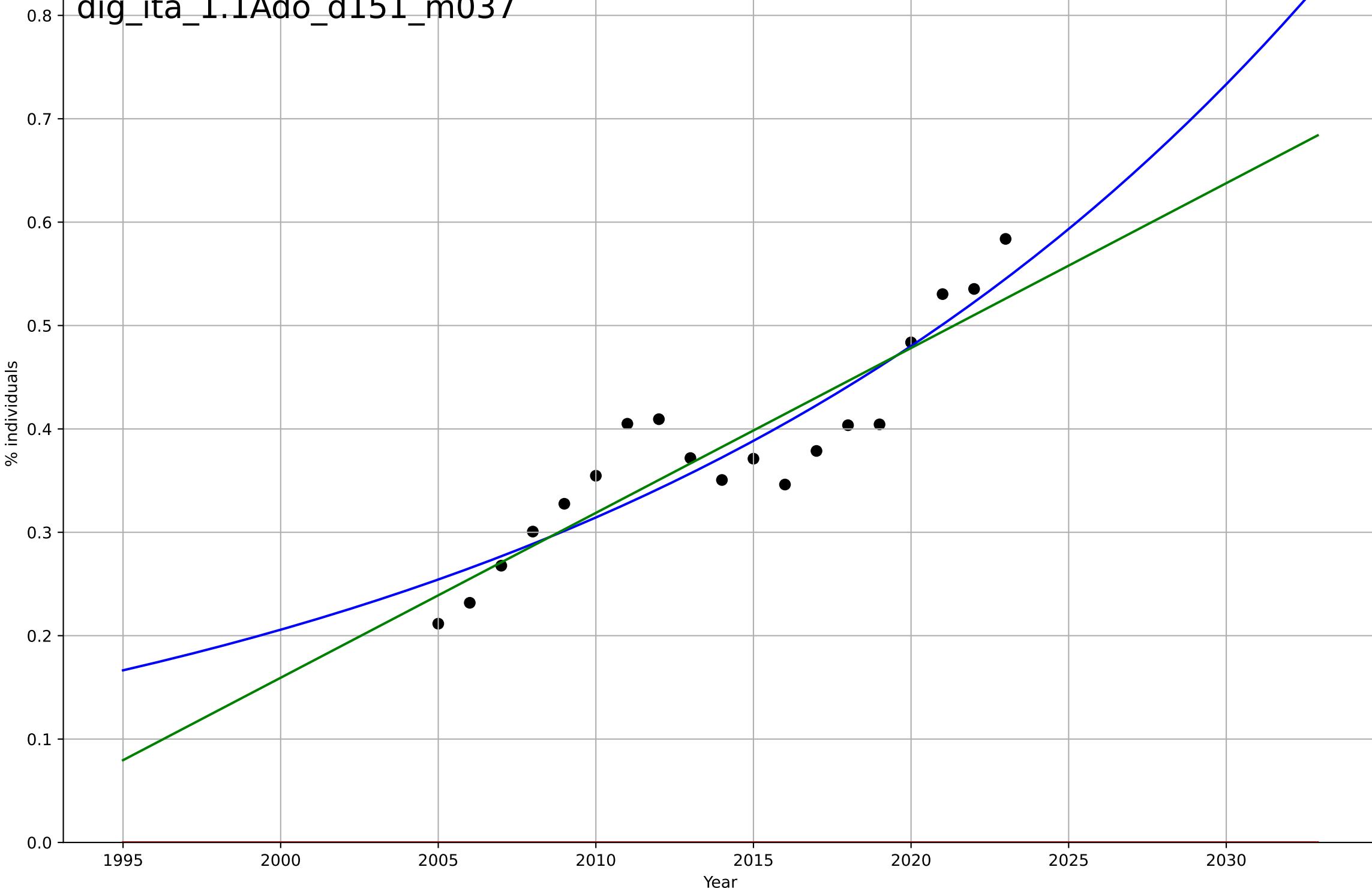
1.1 Adoption over time

Online activity: finding info

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2248, D_t=104, K=7.48e+03$	0.0424	0.833	0.8	0.0394	0.0339
Exponential	$1.55e+03 \cdot \exp(0.00246 \cdot (x-157505))$	0.00246	-15.8	-17.9	0.394	0.383
Linear	intercept=-31.7, slope=0.0159	0.0159	0.822	0.8	0.0407	0.0351

dig\_ita\_1.1Ado\_d151\_m037



digital skills

Italy

1.1 Adoption over time

Online activity: selling

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2036, Dt=48.3, K=0.601	0.091	0.788	0.743	0.0156	0.0143
Exponential	1.56e+03*exp(0.00154*(x-157489))	0.00154	-4.63	-5.38	0.0803	0.0729
Linear	intercept=-11.7, slope=0.00585	0.00585	0.803	0.777	0.015	0.0131

dig\_ita\_1.1Ado\_d152\_m037

% individuals

1995

2000

2005

2010

2015

2020

2025

2030

Year

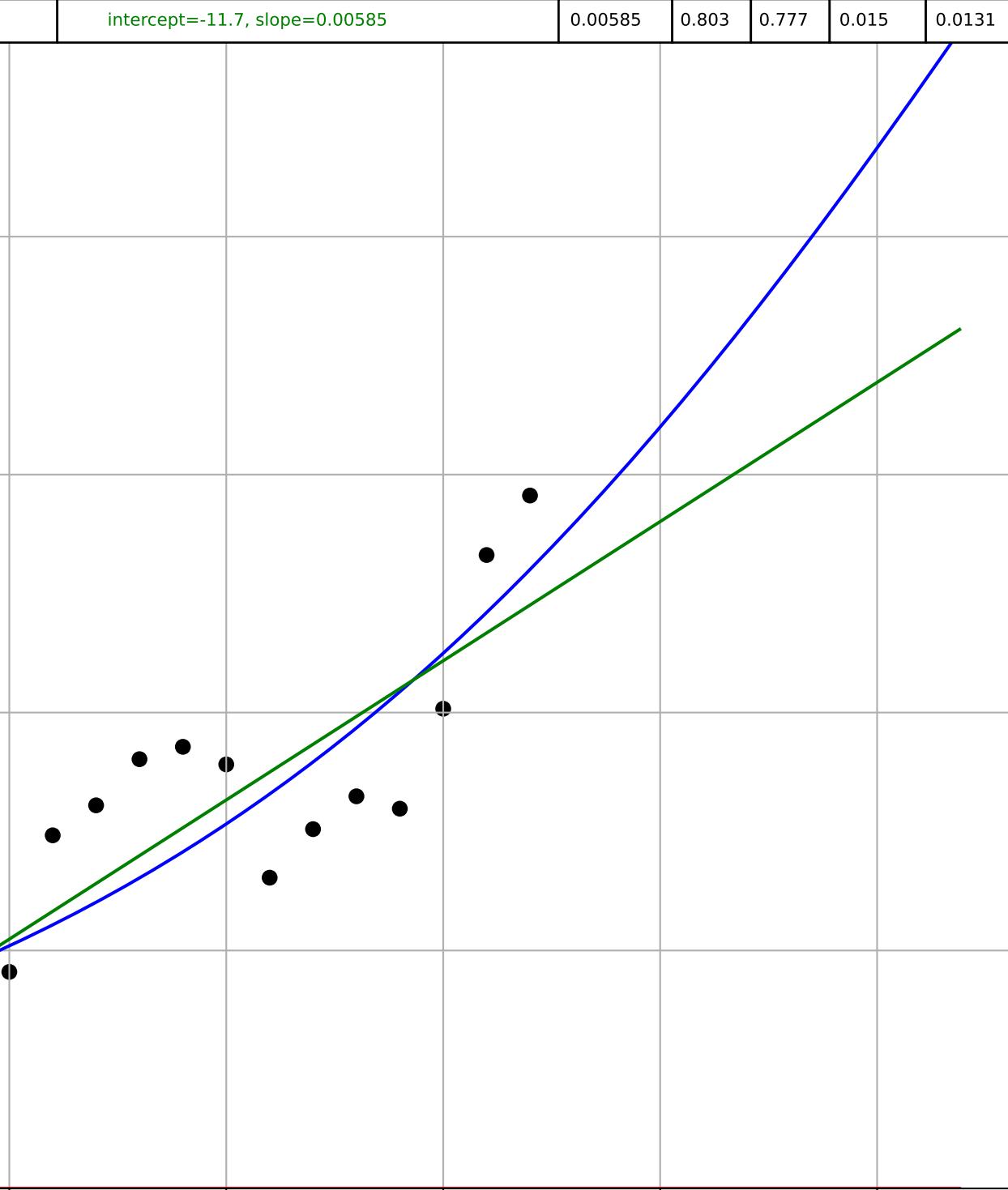
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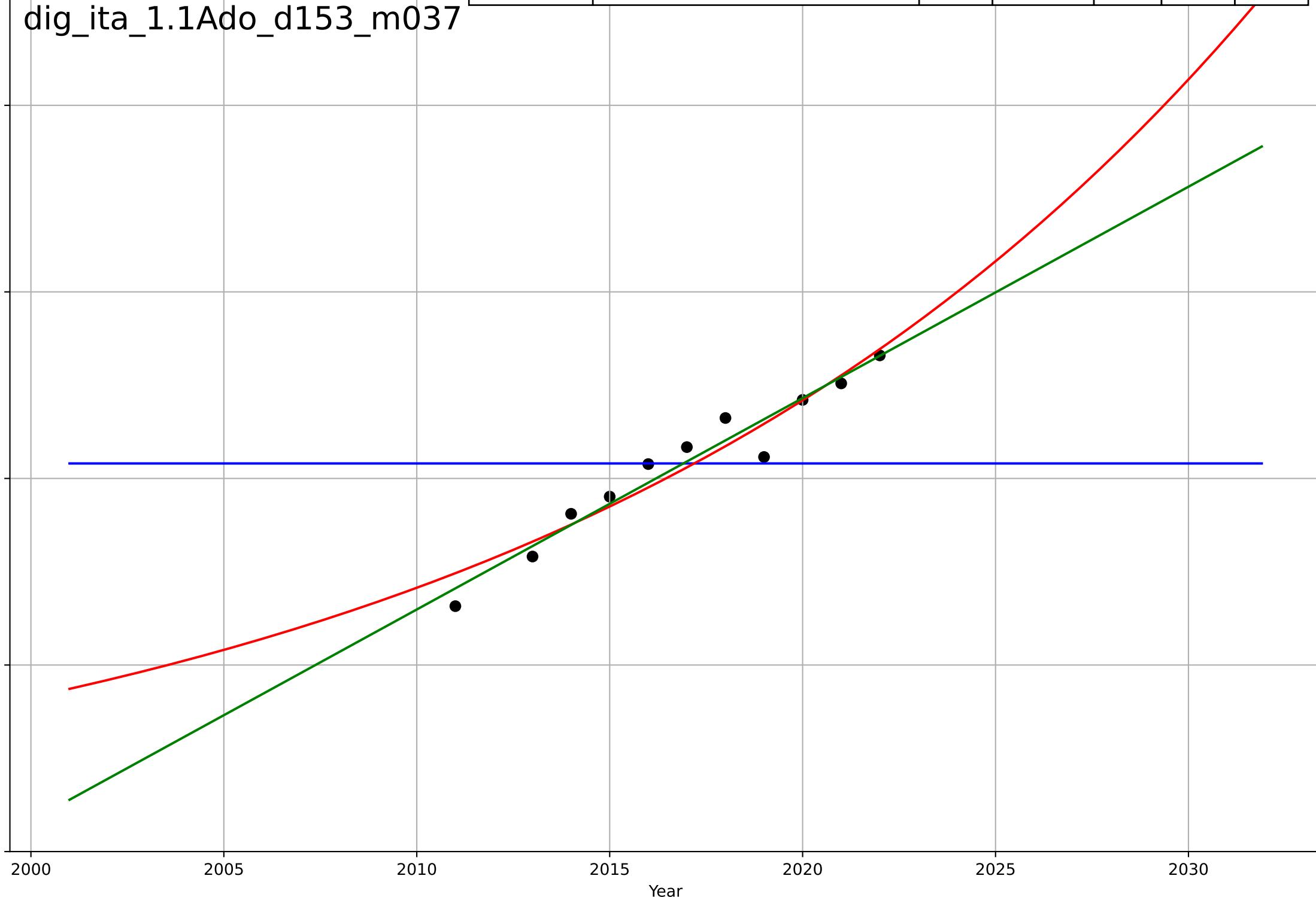


digital skills  
 Italy  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2217, Dt=-33.3, K=0.416	-0.132	-1.67e-11	-0.429	0.0773	0.0624
Exponential	0.769*exp(0.0537*(x-2029))	0.0537	0.922	0.902	0.0216	0.0183
Linear	intercept=-45.3, slope=0.0227	0.0227	0.945	0.932	0.0181	0.0145

dig\_ita\_1.1Ado\_d153\_m037

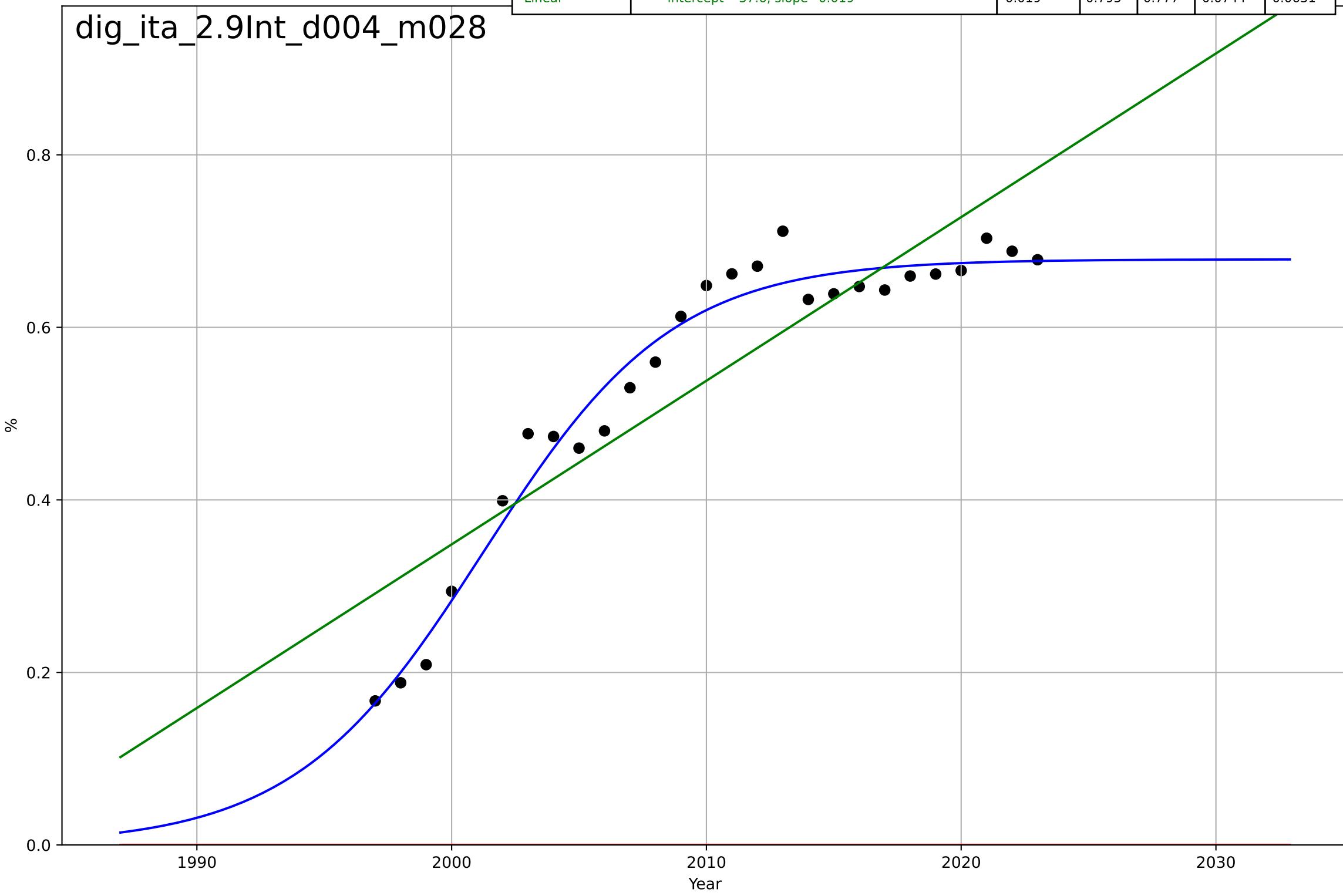
% individuals



digital skills  
 Italy  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2001, Dt=16.3, K=0.679	0.269	0.971	0.967	0.0281	0.0238
Exponential	1.55e+03*exp(0.00273*(x-157496))	0.00273	-11	-12	0.569	0.545
Linear	intercept=-37.6, slope=0.019	0.019	0.795	0.777	0.0744	0.0631

dig\_ita\_2.9Int\_d004\_m028



digital skills

Norway

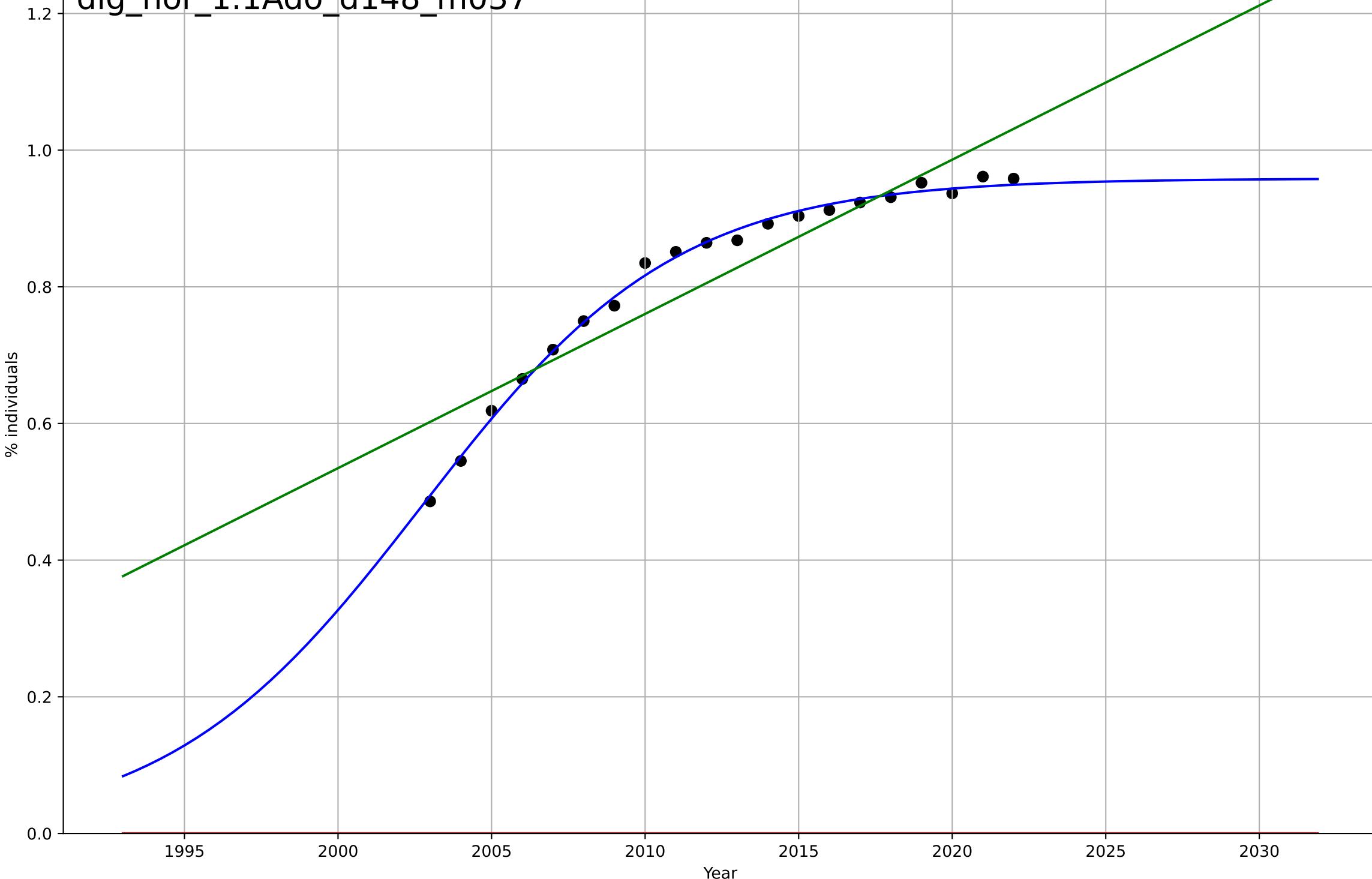
1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=18.2, K=0.959$	0.241	0.995	0.994	0.00952	0.00838
Exponential	$1.55e+03 \cdot \exp(0.00304 \cdot (x-157499))$	0.00304	-34.2	-38.3	0.829	0.817
Linear	intercept=-44.6, slope=0.0226	0.0226	0.867	0.852	0.0509	0.042

dig\_nor\_1.1Ado\_d148\_m037



digital skills

Norway

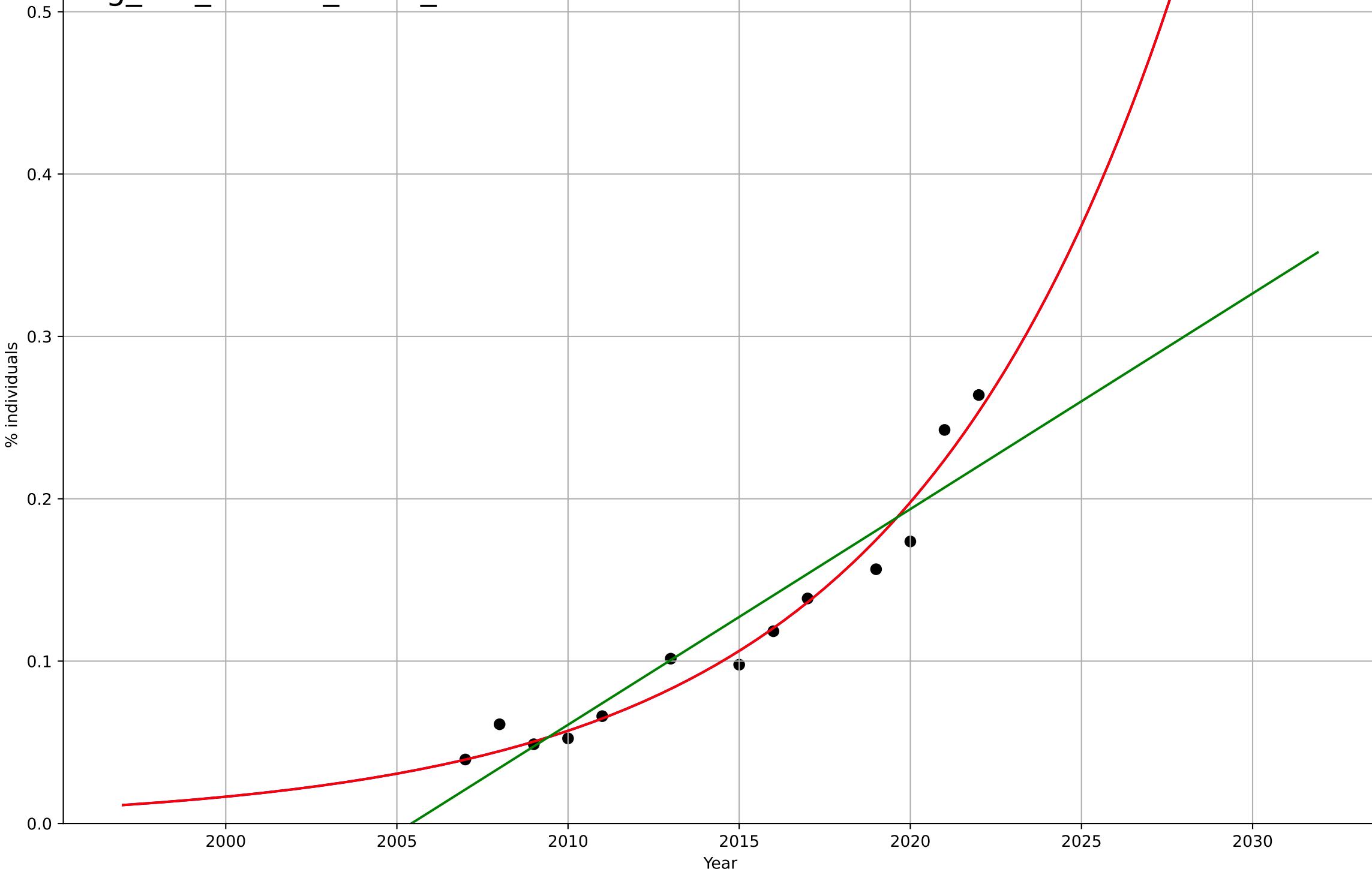
1.1 Adoption over time

Online activity: doing online course

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2117, D_t=35.4, K=3.54e+04$	0.124	0.967	0.956	0.0127	0.00974
Exponential	$1.9 \cdot \exp(0.124 \cdot (x-2038))$	0.124	0.967	0.961	0.0127	0.00974
Linear	intercept=-26.6, slope=0.0133	0.0133	0.891	0.87	0.0231	0.0195

dig\_nor\_1.1Ado\_d149\_m037



digital skills

Norway

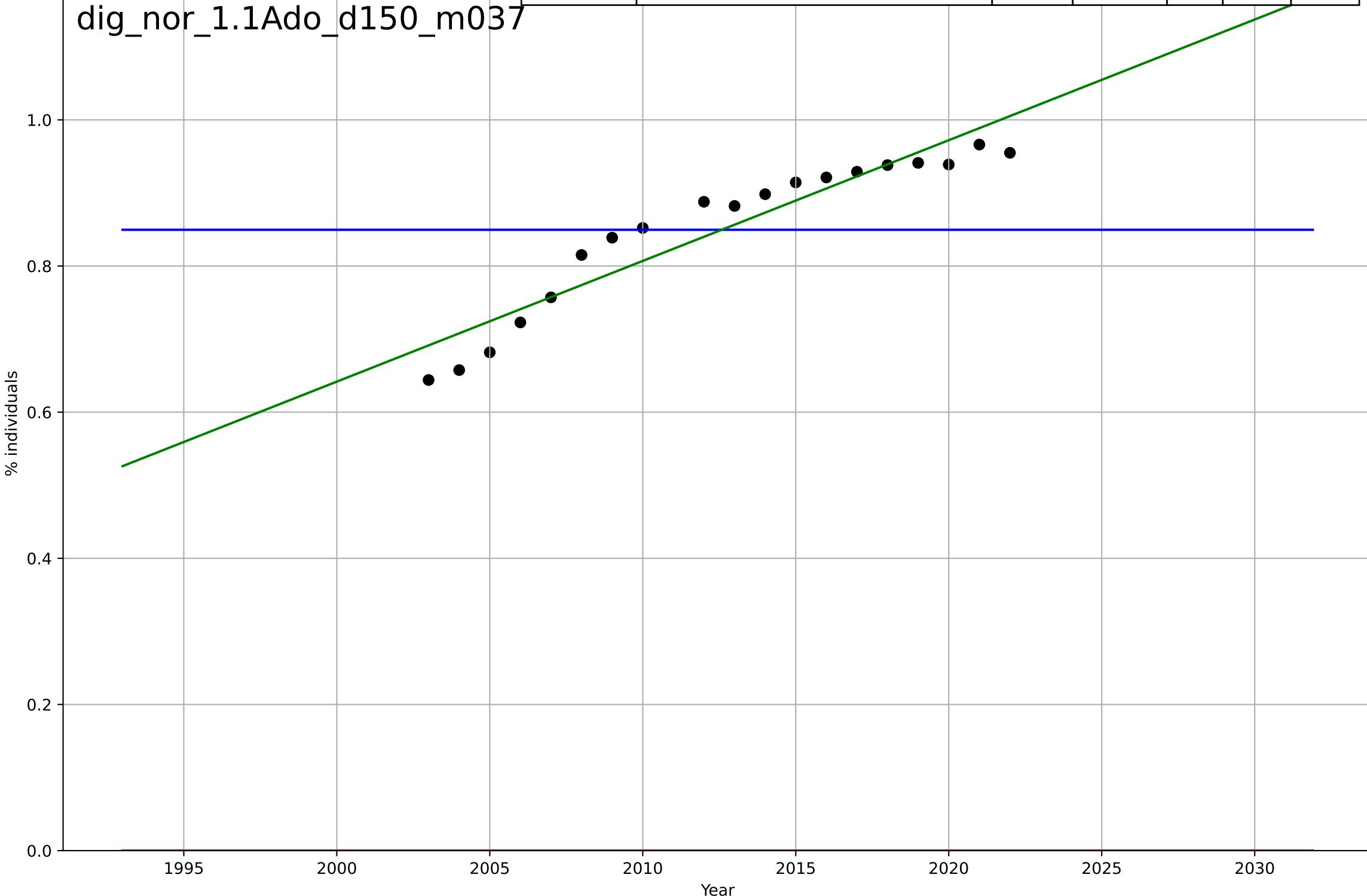
1.1 Adoption over time

Online activity: emailing

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2378, D_t=-12.9, K=0.85$	-0.341	-2.31e-14	-0.2	0.103	0.0873
Exponential	$1.56e+03 \cdot \exp(0.00247 \cdot (x - 157480))$	0.00247	-67.7	-76.3	0.856	0.85
Linear	intercept=-32.4, slope=0.0165	0.0165	0.892	0.879	0.0339	0.0295

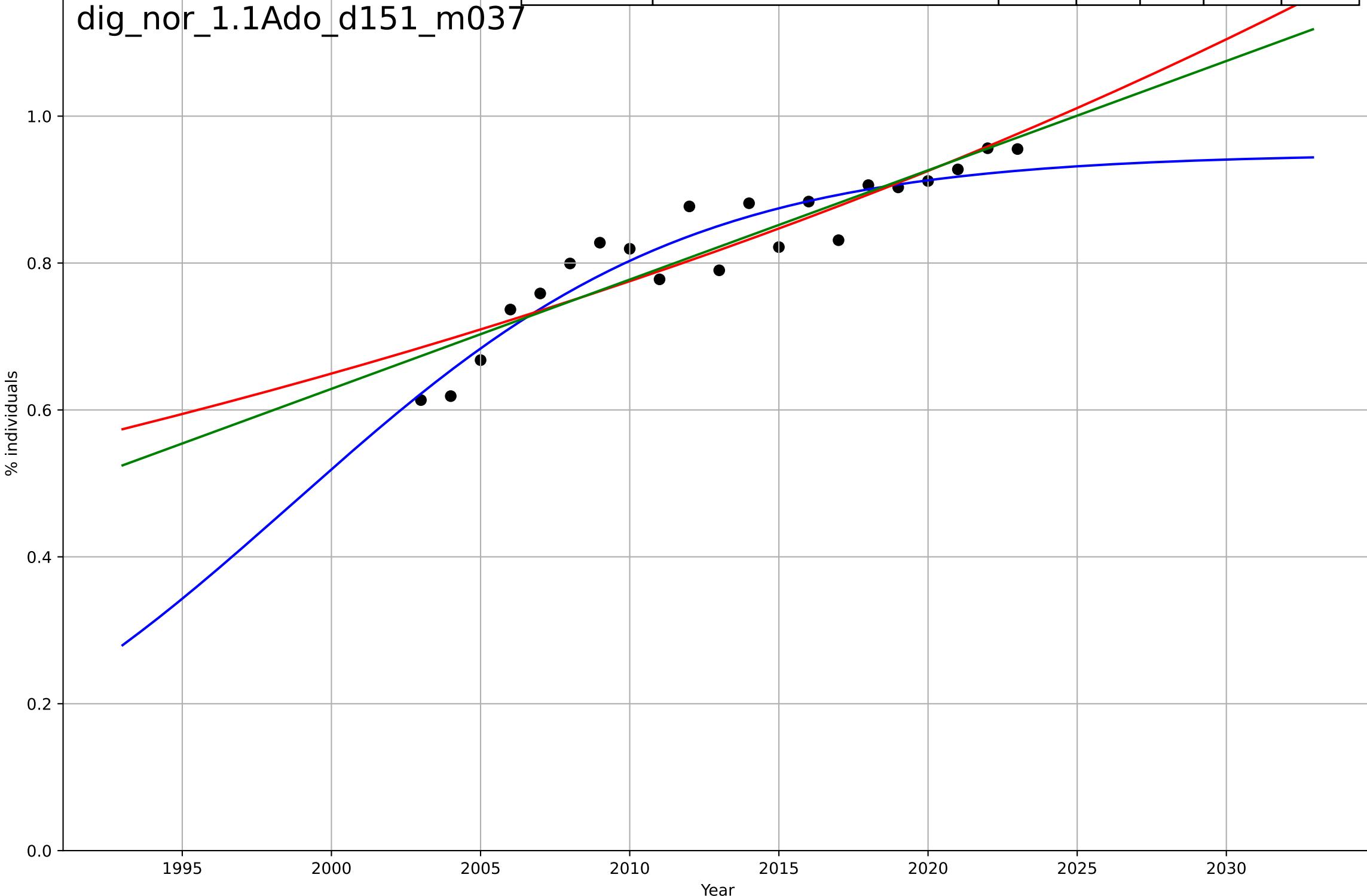
dig\_nor\_1.1Ado\_d150\_m037



digital skills  
 Norway  
 1.1 Adoption over time  
 Online activity: finding info  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1999, Dt=29, K=0.949$	0.152	0.888	0.869	0.0328	0.027
Exponential	$0.0962 \cdot \exp(0.0177 \cdot (x-1892))$	0.0177	0.823	0.804	0.0413	0.0341
Linear	intercept=-29.1, slope=0.0149	0.0149	0.842	0.824	0.039	0.0328

dig\_nor\_1.1Ado\_d151\_m037



digital skills

Norway

1.1 Adoption over time

Online activity: selling

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=13.3, K=0.363	0.33	0.96	0.952	0.0236	0.0192
Exponential	1.07*exp(0.08*(x-2033))	0.08	0.843	0.824	0.0466	0.0412
Linear	intercept=-39.4, slope=0.0197	0.0197	0.932	0.924	0.0306	0.0245

dig\_nor\_1.1Ado\_d152\_m037

% individuals

1995

2000

2005

2010

2015

2020

2025

2030

Year

0.7

0.6

0.5

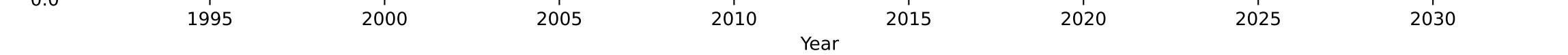
0.4

0.3

0.2

0.1

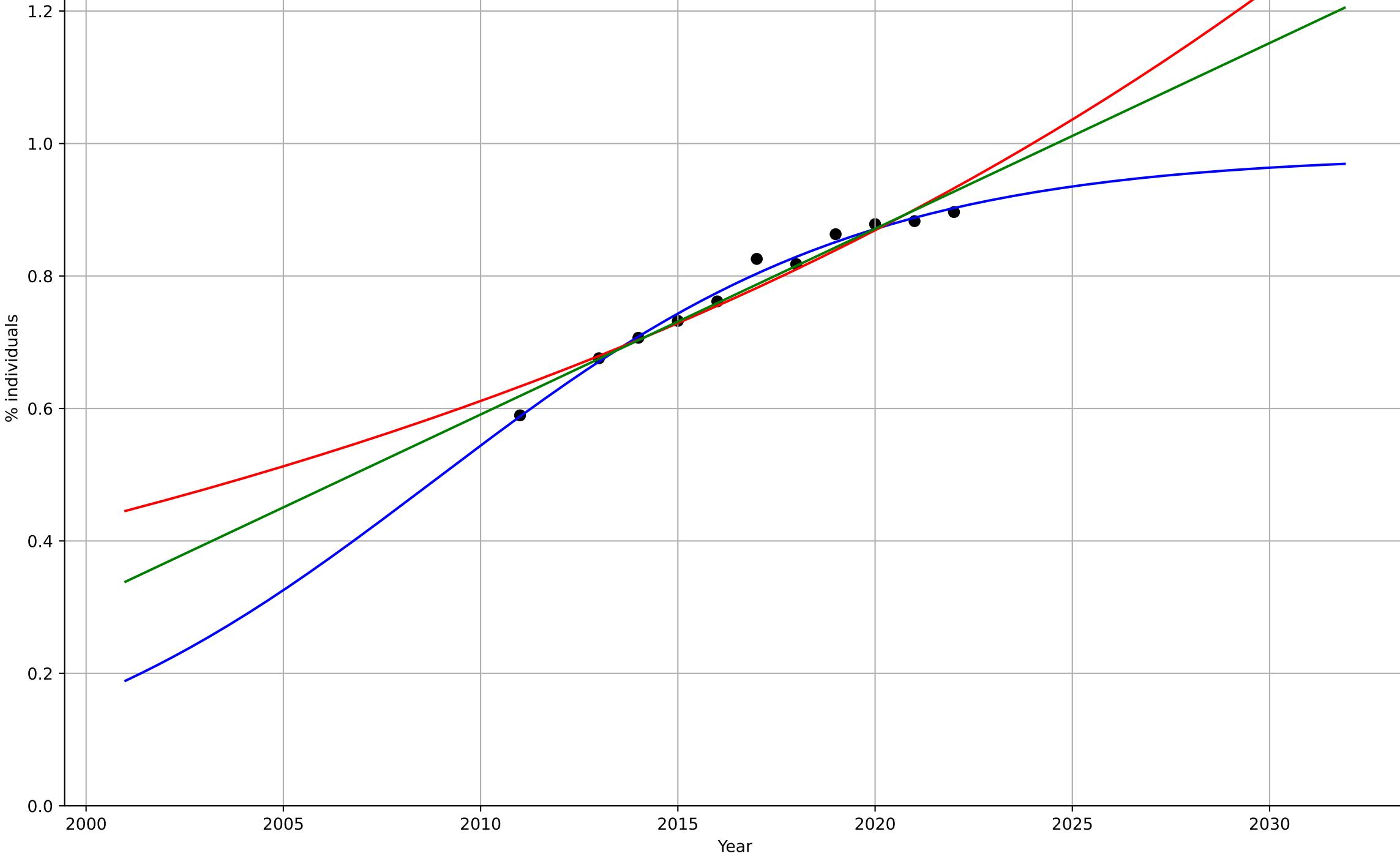
0.0



digital skills  
 Norway  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=24, K=0.983	0.183	0.988	0.983	0.0105	0.00878
Exponential	1.19*exp(0.0352*(x-2029))	0.0352	0.937	0.922	0.0238	0.0181
Linear	intercept=-55.8, slope=0.028	0.028	0.959	0.949	0.0192	0.0139

dig\_nor\_1.1Ado\_d153\_m037



digital skills

Norway

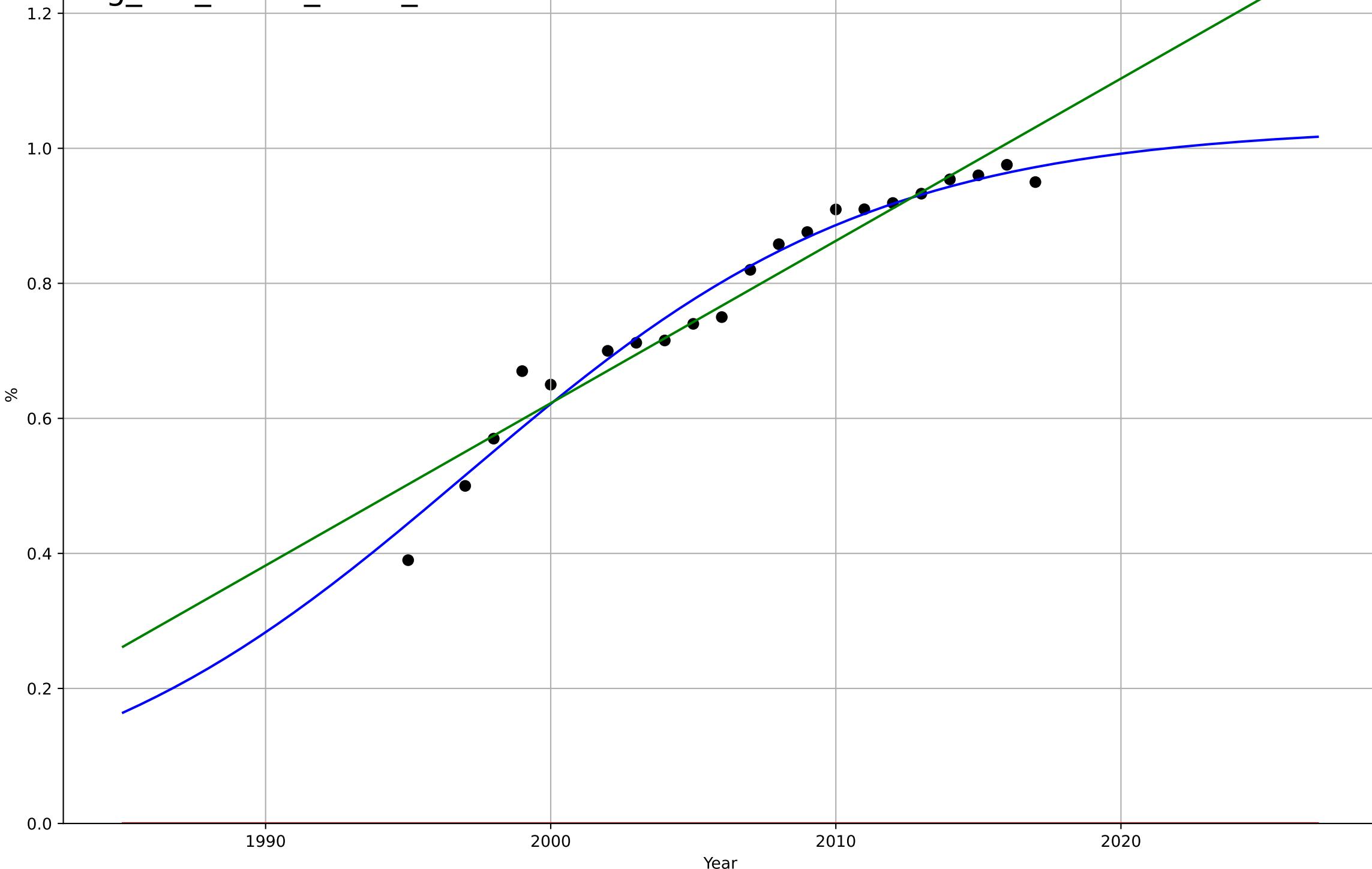
2.9 Inter-dependence with hardware

% households with a computer

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=31.7, K=1.03$	0.139	0.967	0.961	0.0294	0.0213
Exponential	$1.55e+03 \cdot \exp(0.0032 \cdot (x-157488))$	0.0032	-23.7	-26.5	0.8	0.784
Linear	intercept=-47.5, slope=0.024	0.024	0.931	0.923	0.0423	0.0317

dig\_nor\_2.9Int\_d004\_m028



digital skills

Poland

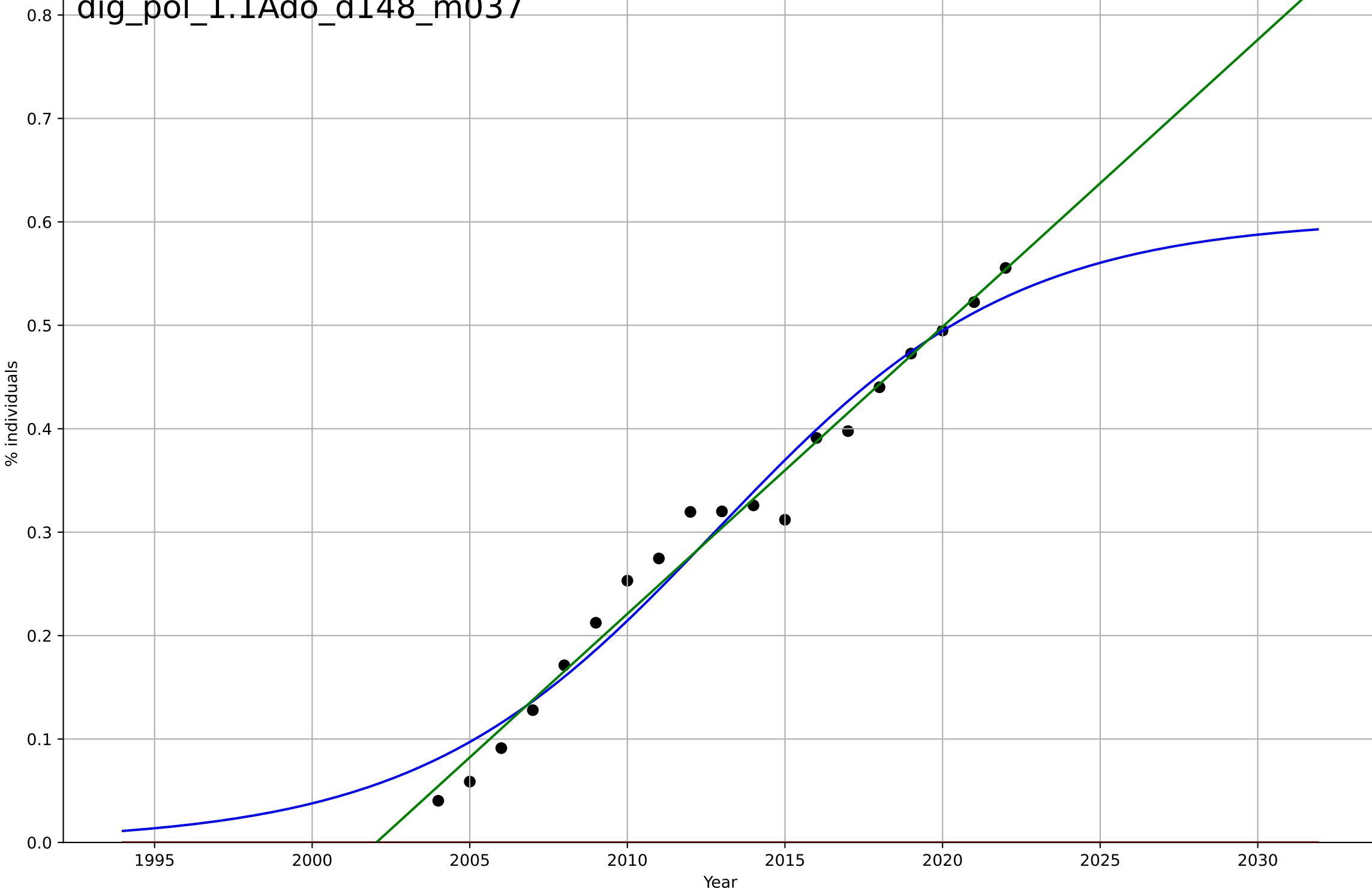
1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2013, D_t=20.8, K=0.603$	0.211	0.967	0.961	0.0277	0.0229
Exponential	$1.55e+03 \cdot \exp(0.00358 \cdot (x-157541))$	0.00358	-3.93	-4.55	0.341	0.304
Linear	intercept=-55.6, slope=0.0278	0.0278	0.982	0.98	0.0206	0.0156

dig\_pol\_1.1Ado\_d148\_m037



digital skills

Poland

1.1 Adoption over time

Online activity: doing online course

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2083, Dt=28.1, K=1.26e+03	0.156	0.866	0.808	0.0113	0.00799
Exponential	3.52*exp(0.156*(x-2045))	0.156	0.866	0.832	0.0113	0.00799
Linear	intercept=-11.2, slope=0.00559	0.00559	0.766	0.707	0.0149	0.011

dig\_pol\_1.1Ado\_d149\_m037

% individuals

0.20

0.15

0.10

0.05

0.00

Year

2000

2005

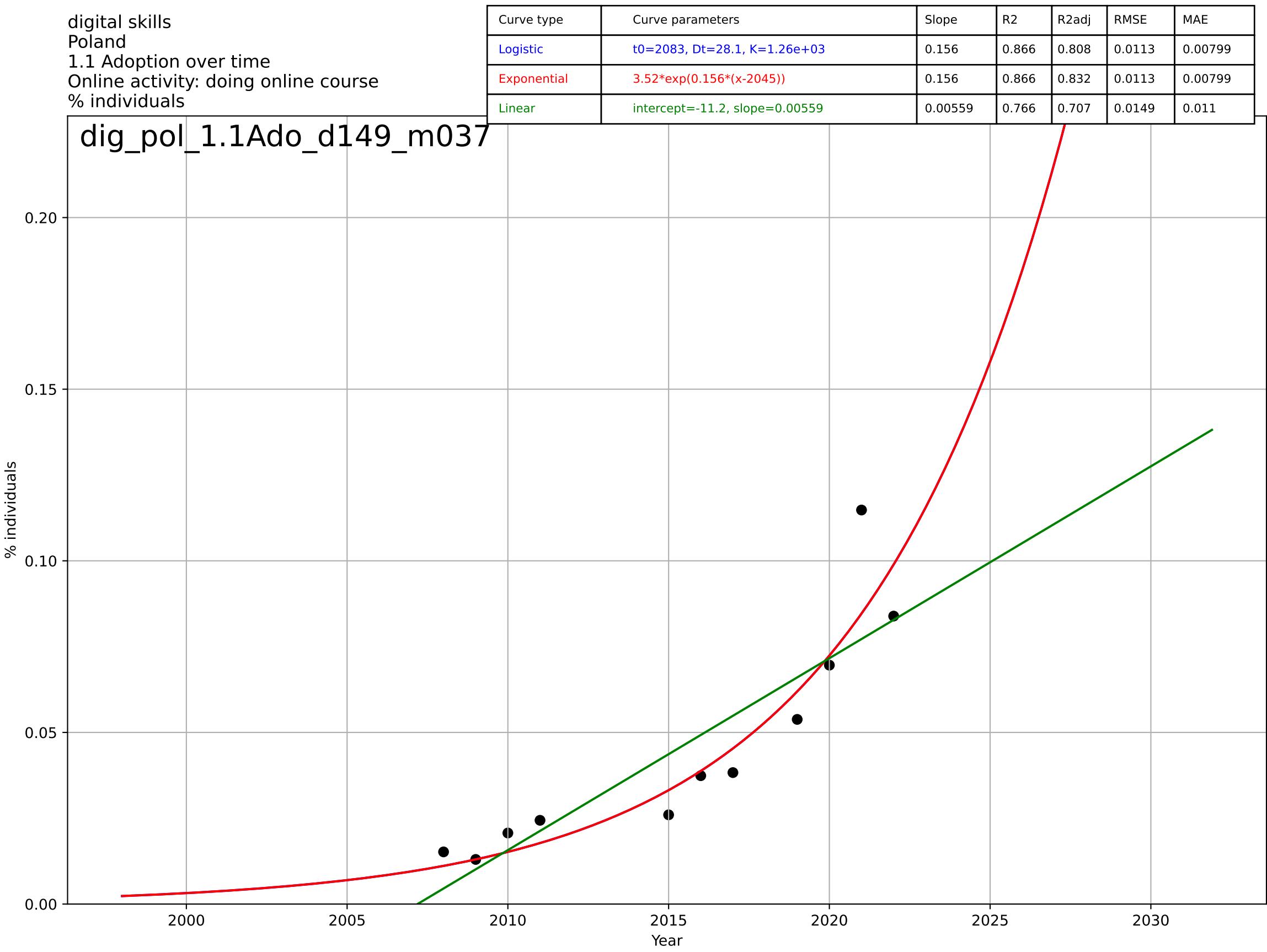
2010

2015

2020

2025

2030



digital skills

Poland

1.1 Adoption over time

Online activity: emailing

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=20.7, K=0.698	0.212	0.974	0.968	0.0246	0.0214
Exponential	1.55e+03*exp(0.00342*(x-157528))	0.00342	-10.7	-12.3	0.517	0.494
Linear	intercept=-52.3, slope=0.0262	0.0262	0.95	0.943	0.0339	0.0267

dig\_pol\_1.1Ado\_d150\_m037

% individuals

1995

2000

2005

2010

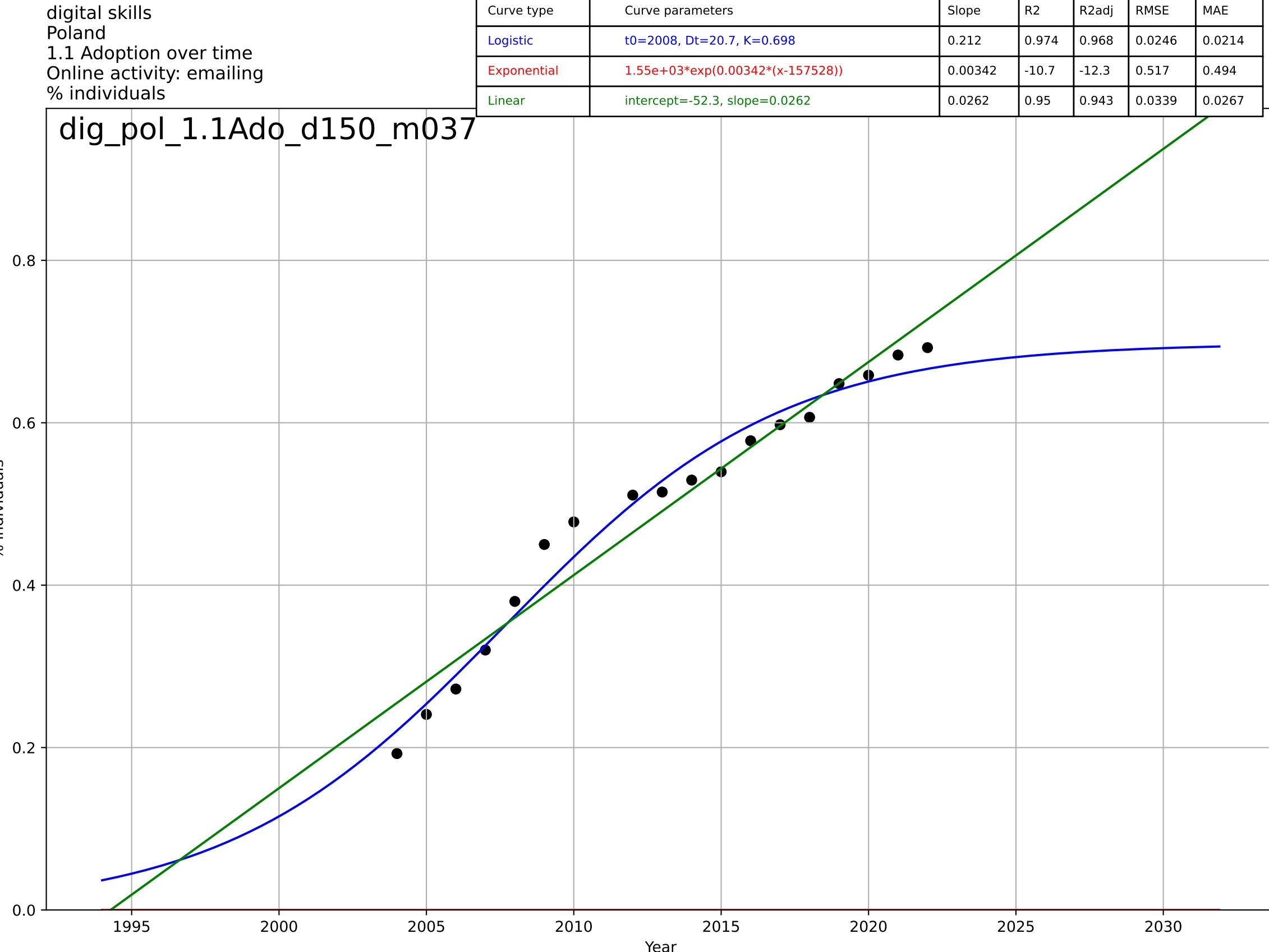
2015

2020

2025

2030

Year



digital skills

Poland

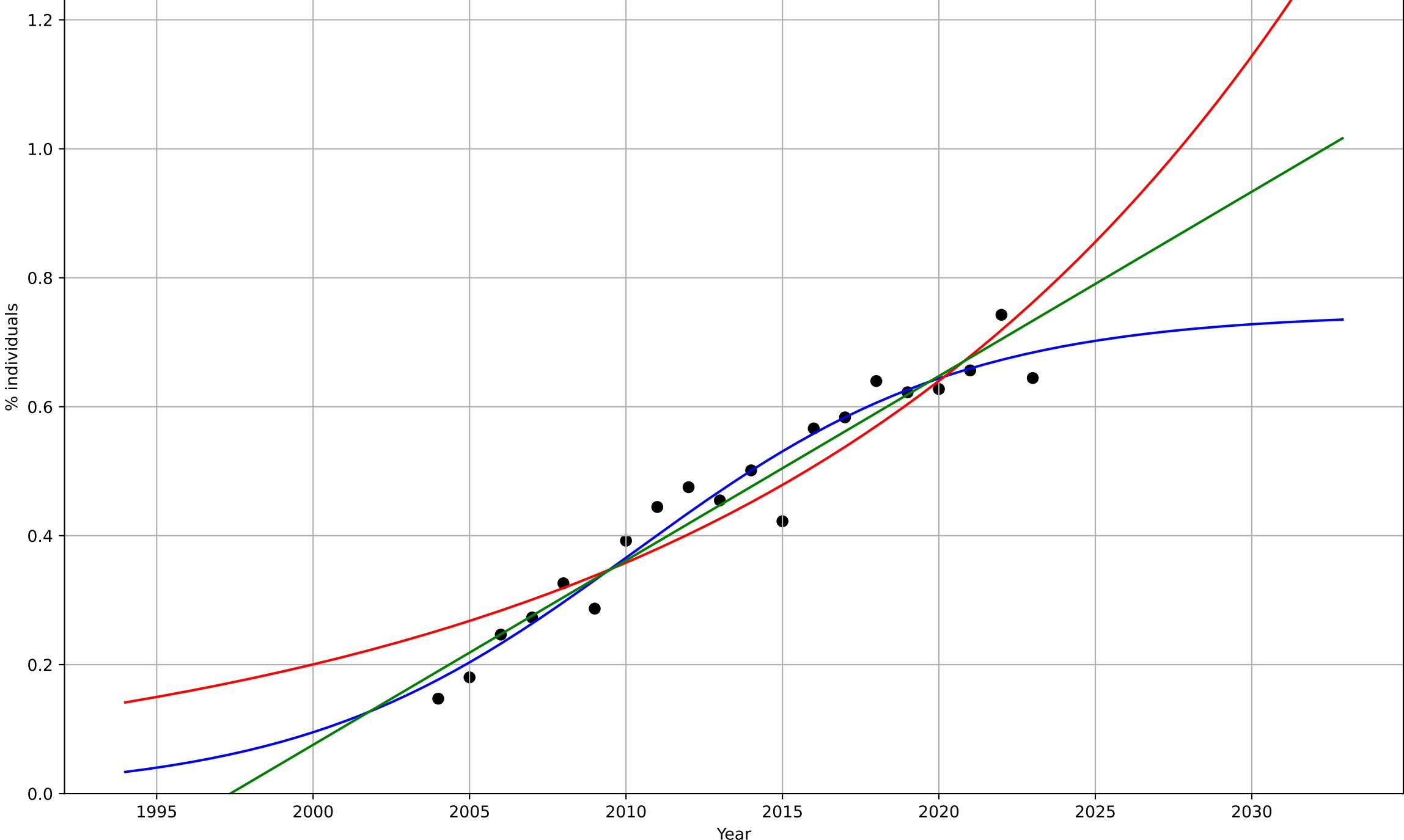
1.1 Adoption over time

Online activity: finding info

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2010, D_t=23.3, K=0.745$	0.189	0.951	0.941	0.0378	0.0278
Exponential	$1.49 \cdot \exp(0.0581 \cdot (x-2035))$	0.0581	0.885	0.871	0.0577	0.0496
Linear	intercept=-57.1, slope=0.0286	0.0286	0.94	0.933	0.0416	0.0341

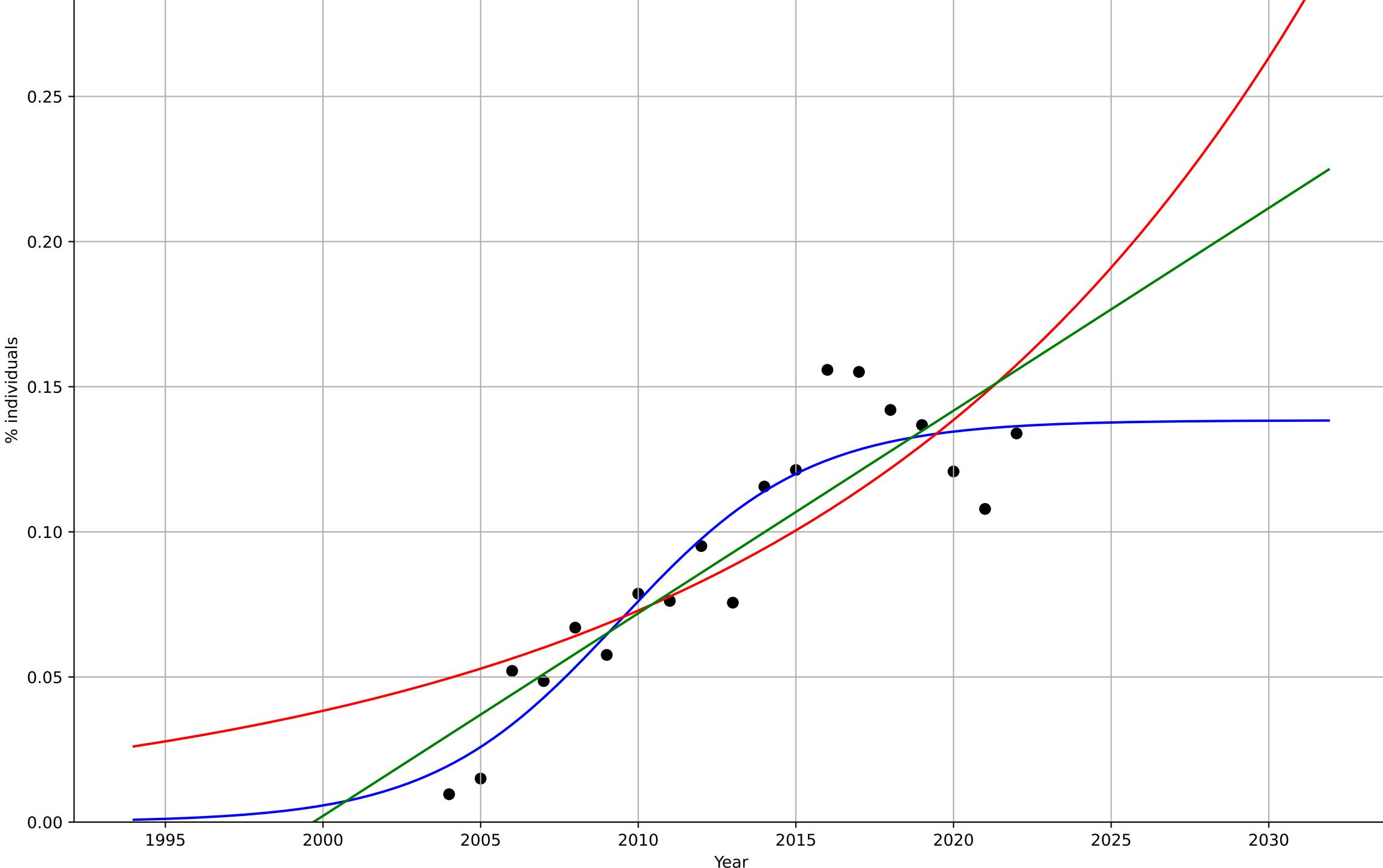
dig\_pol\_1.1Ado\_d151\_m037



digital skills  
Poland  
1.1 Adoption over time  
Online activity: selling  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=13.1, K=0.138	0.334	0.868	0.841	0.0157	0.0122
Exponential	6.41e-26*exp(0.0642*(x-1148))	0.0642	0.676	0.636	0.0246	0.02
Linear	intercept=-14, slope=0.00698	0.00698	0.782	0.755	0.0202	0.0164

dig\_pol\_1.1Ado\_d152\_m037

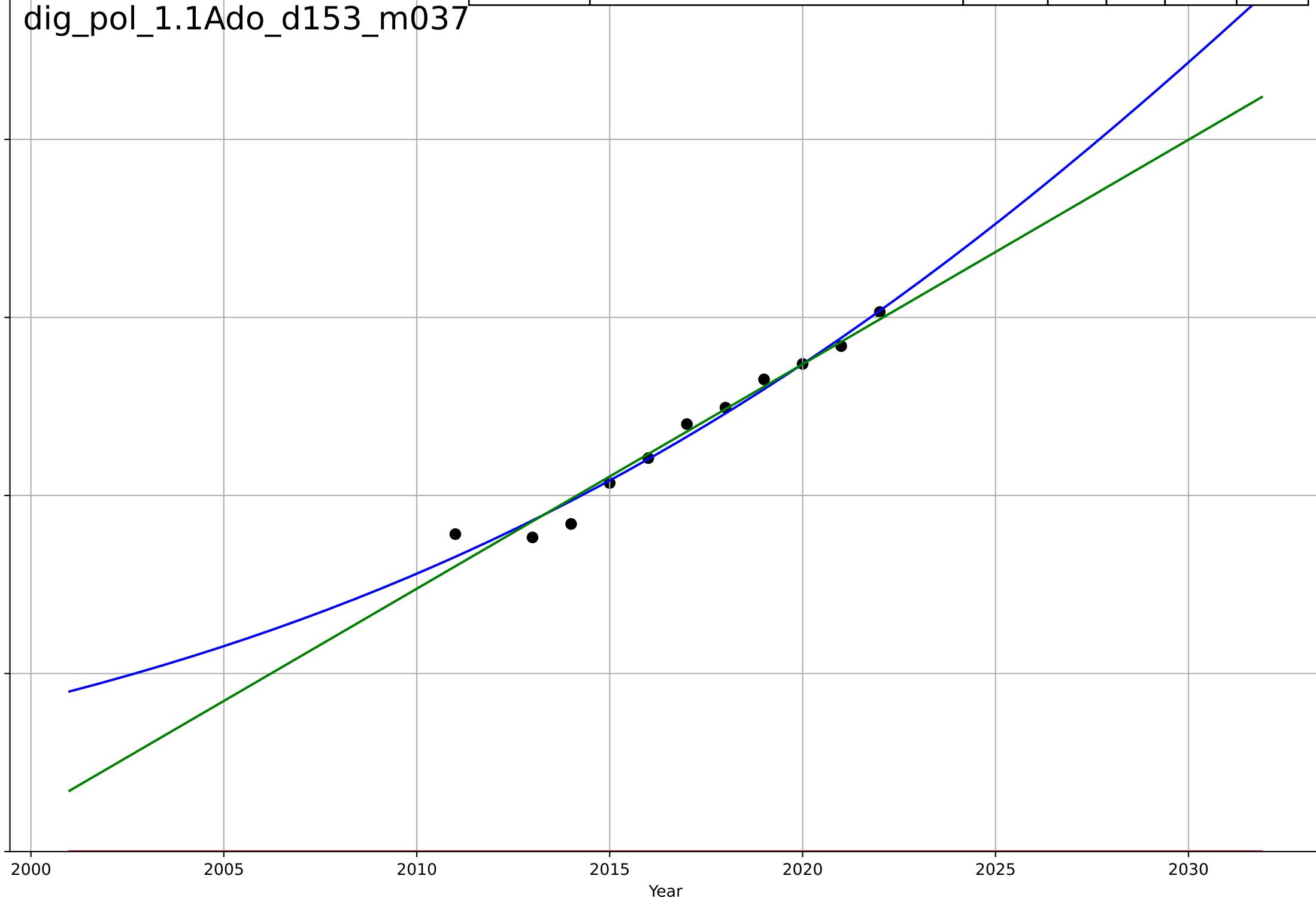


digital skills  
 Poland  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2038, Dt=64.6, K=2.43	0.068	0.973	0.961	0.014	0.0106
Exponential	1.55e+03*exp(0.00332*(x-157538))	0.00332	-30.5	-38.3	0.477	0.469
Linear	intercept=-50.4, slope=0.0252	0.0252	0.966	0.957	0.0157	0.0114

dig\_pol\_1.1Ado\_d153\_m037

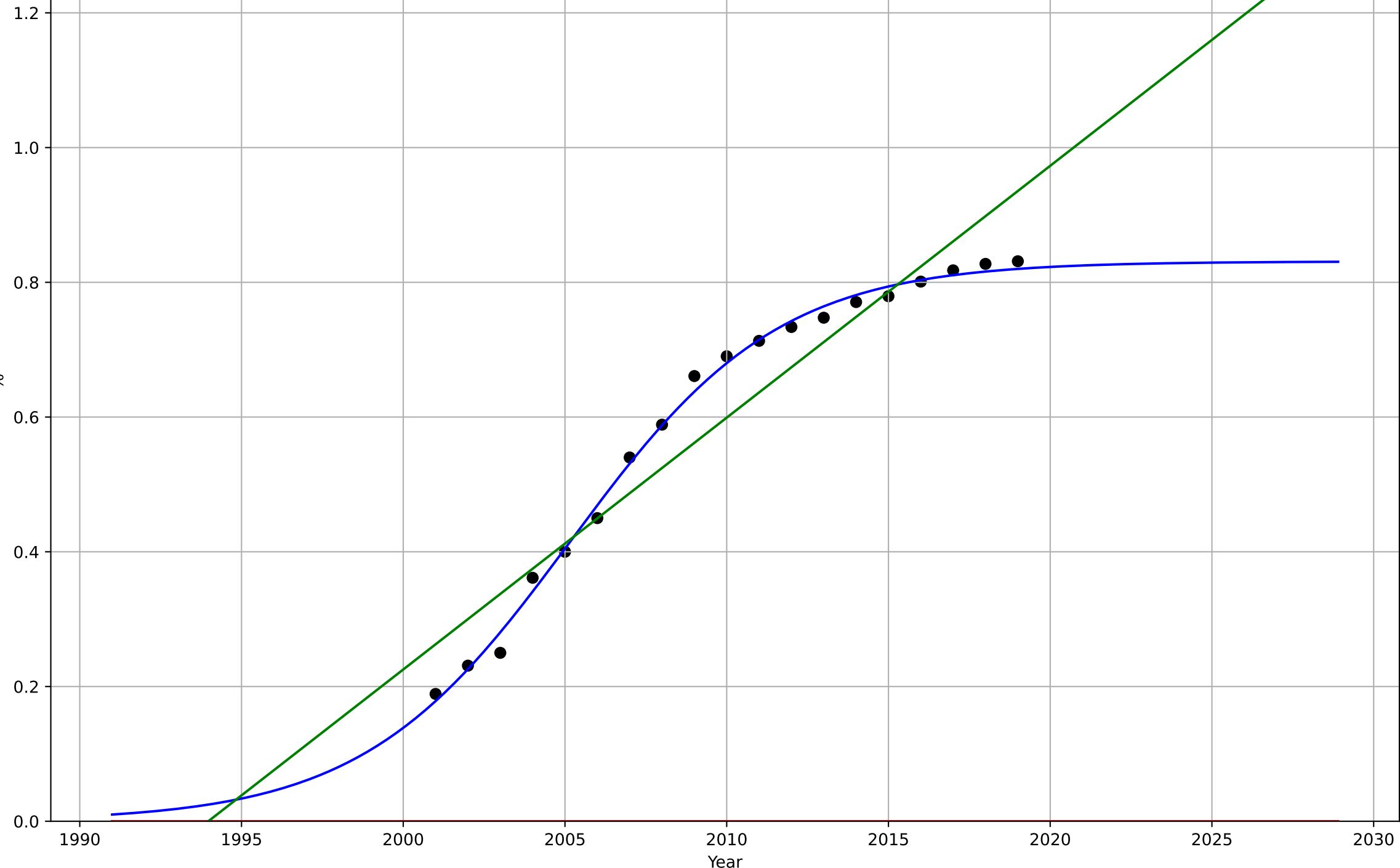
% individuals



digital skills  
 Poland  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=14.1, K=0.831	0.311	0.996	0.995	0.0138	0.0115
Exponential	1.55e+03*exp(0.00446*(x-157544))	0.00446	-7.84	-8.95	0.636	0.599
Linear	intercept=-74.5, slope=0.0374	0.0374	0.916	0.906	0.0619	0.0529

dig\_pol\_2.9Int\_d004\_m028



digital skills

Portugal

1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2052$ , $Dt=42.2$ , $K=13.6$	0.104	0.985	0.982	0.0184	0.0139
Exponential	$1.21 \cdot \exp(0.102 \cdot (x-2029))$	0.102	0.985	0.983	0.0184	0.0139
Linear	intercept=-50.2, slope=0.025	0.025	0.944	0.937	0.0353	0.0259

dig\_por\_1.1Ado\_d148\_m037

% individuals

1995

2000

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Year

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digital skills

Portugal

### 1.1 Adoption over time

Online activity: doing online course  
% individuals

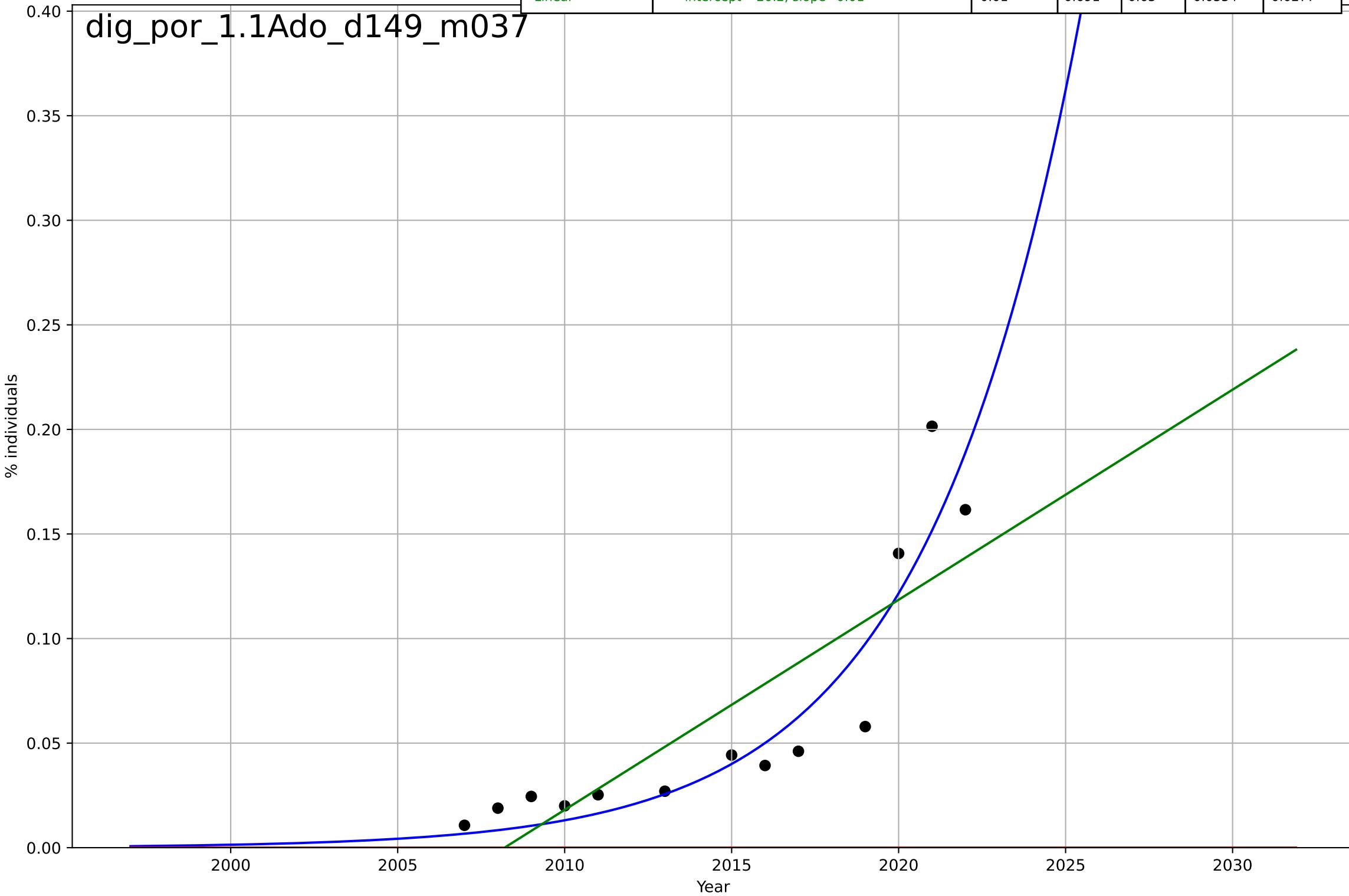
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2039$ , $D_t=19.6$ , $K=8.18$	0.224	0.872	0.829	0.0215	0.0164
Exponential	$0.405 \cdot \exp(-0.0971 \cdot (x-66))$	-0.0971	-1.1	-1.52	0.087	0.0629
Linear	intercept=-20.2, slope=0.01	0.01	0.691	0.63	0.0334	0.0277

dig\_por\_1.1Ado\_d149\_m037

% individuals

2000 2005 2010 2015 2020 2025 2030

Year



digital skills

Portugal

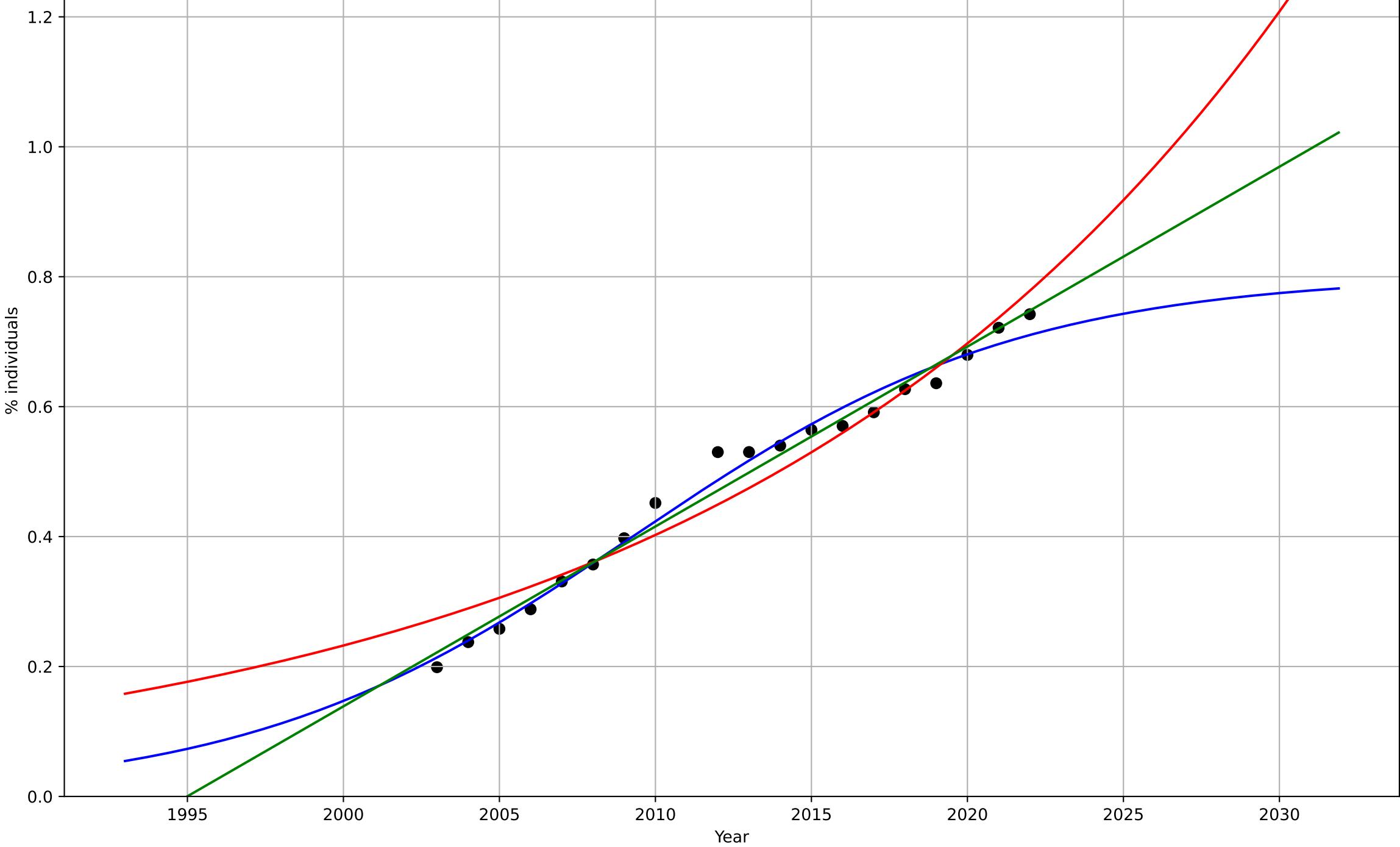
1.1 Adoption over time

Online activity: emailing

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=27.4, K=0.803	0.161	0.985	0.982	0.0202	0.0162
Exponential	1.69*exp(0.055*(x-2036))	0.055	0.943	0.936	0.0394	0.0318
Linear	intercept=-55.2, slope=0.0277	0.0277	0.982	0.98	0.0219	0.017

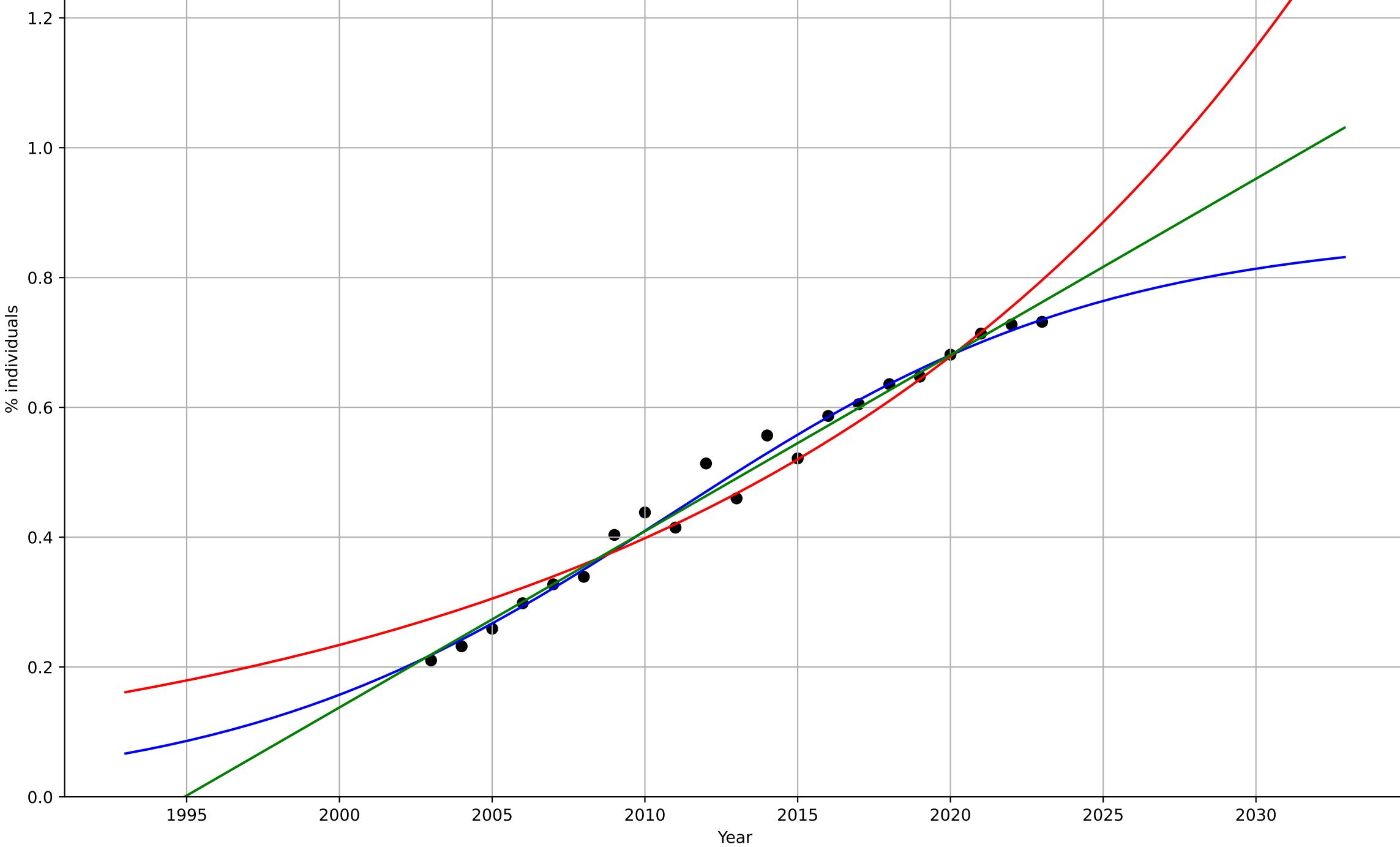
dig\_por\_1.1Ado\_d150\_m037



digital skills  
Portugal  
1.1 Adoption over time  
Online activity: finding info  
% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=31.5, K=0.87$	0.14	0.985	0.983	0.0201	0.0152
Exponential	$2.28 \cdot \exp(0.0532 \cdot (x-2043))$	0.0532	0.948	0.943	0.0376	0.0299
Linear	intercept=-54.2, slope=0.0272	0.0272	0.984	0.982	0.0212	0.0167

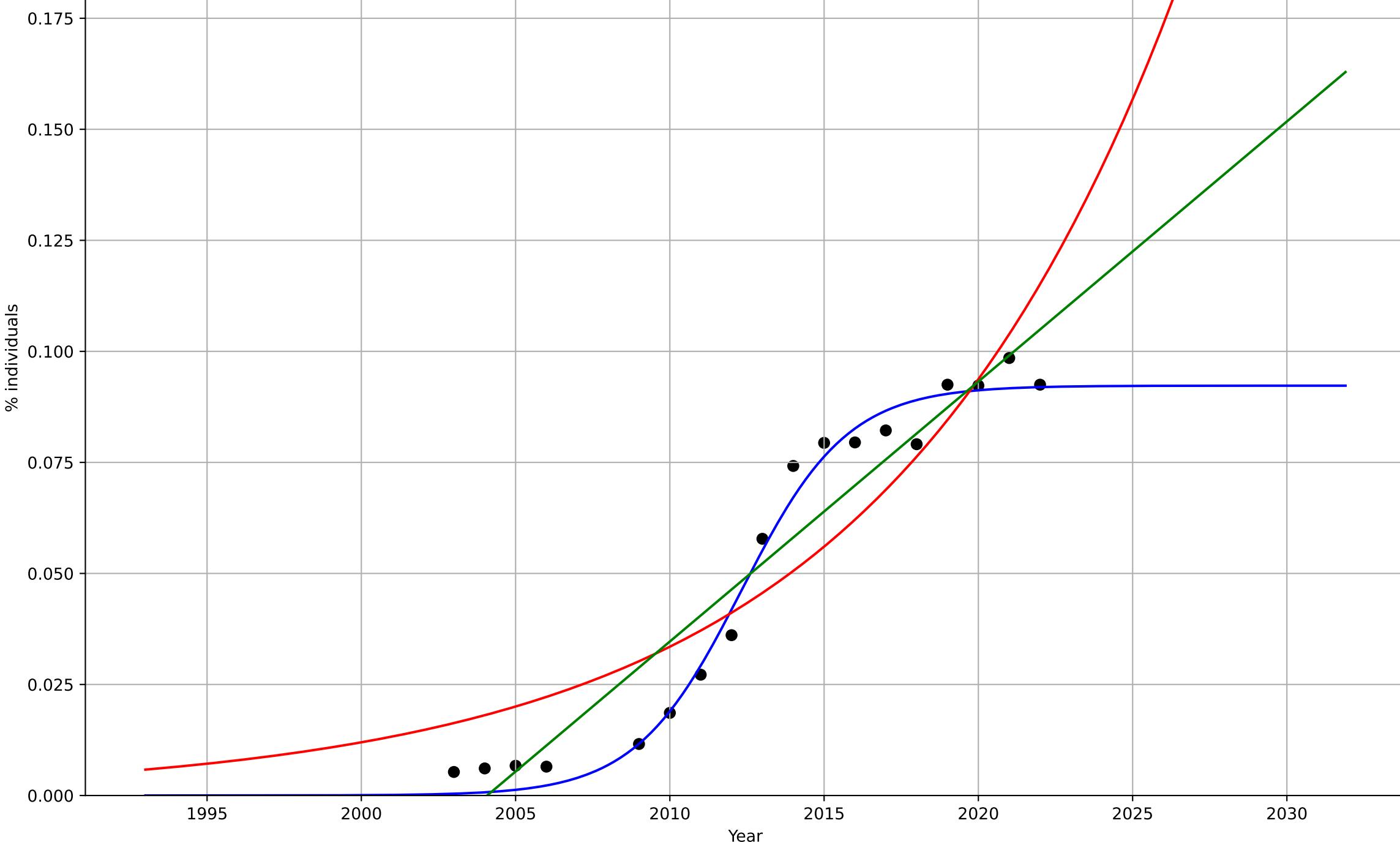
dig\_por\_1.1Ado\_d151\_m037



digital skills  
 Portugal  
 1.1 Adoption over time  
 Online activity: selling  
 % individuals

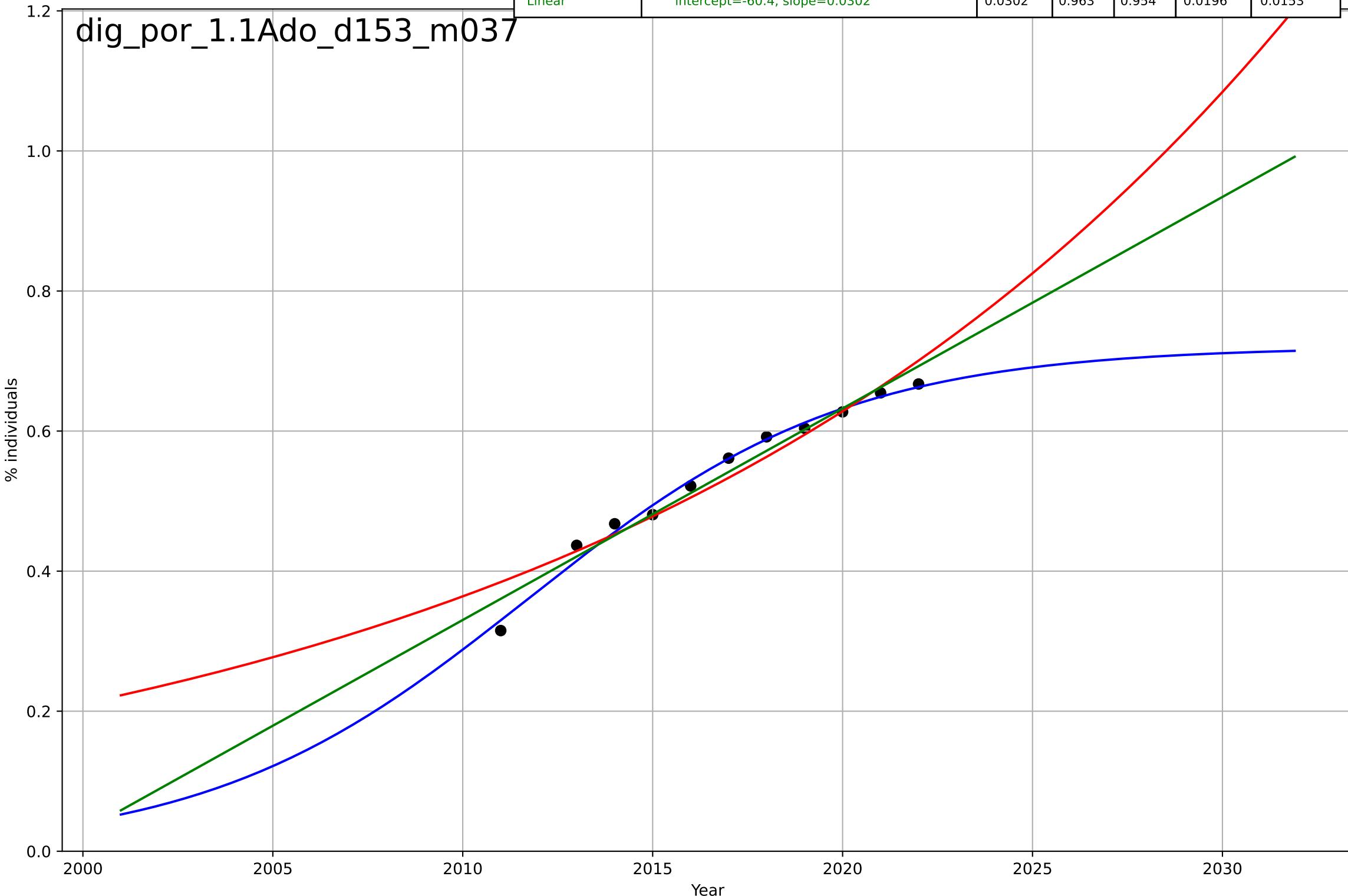
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=7.53, K=0.0923$	0.583	0.983	0.979	0.00462	0.00383
Exponential	$1.06e-08 \cdot \exp(0.103 \cdot (x-1865))$	0.103	0.836	0.814	0.0144	0.0128
Linear	intercept=-11.7, slope=0.00585	0.00585	0.917	0.906	0.0103	0.00866

dig\_por\_1.1Ado\_d152\_m037



digital skills  
 Portugal  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

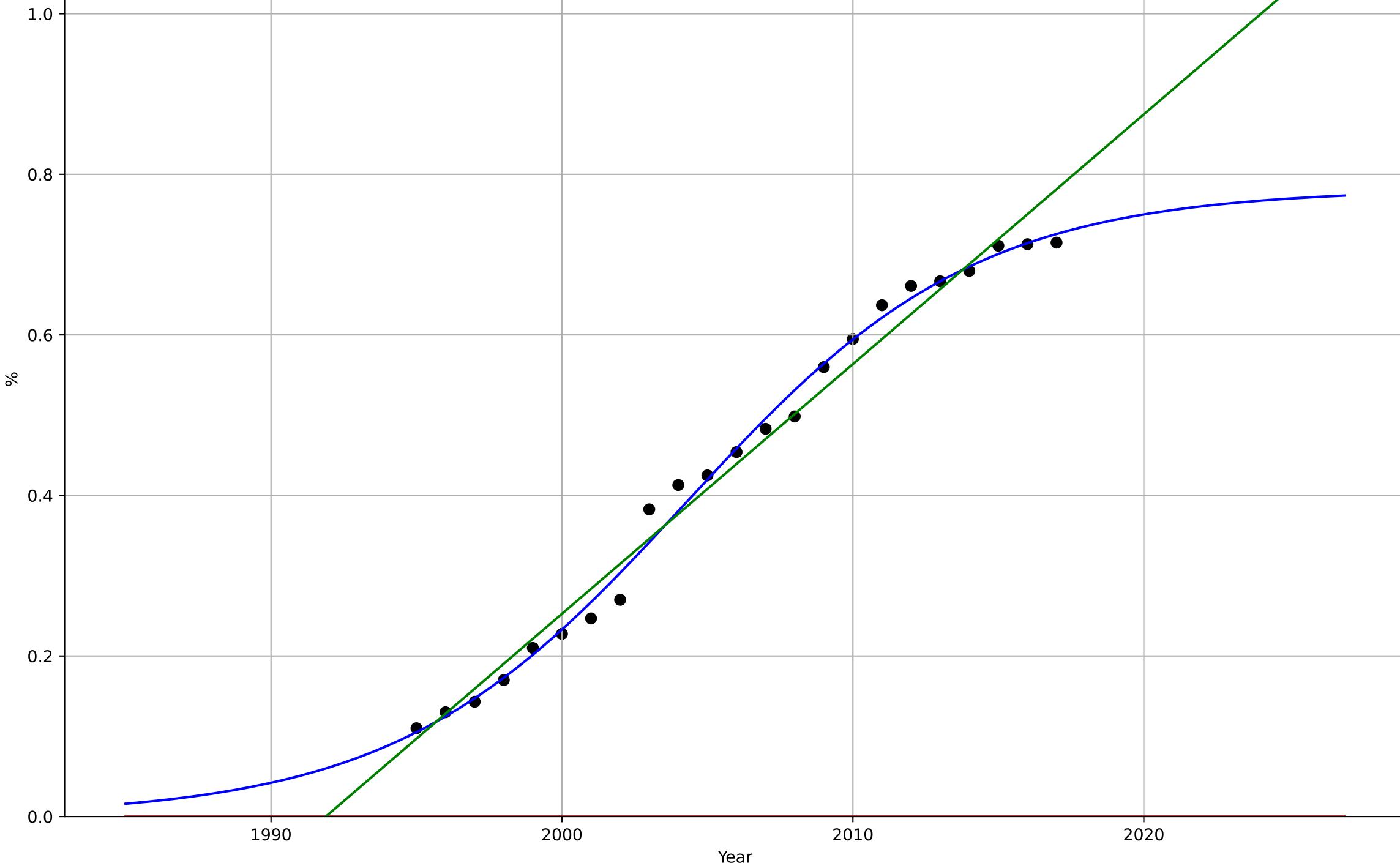
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=18.5, K=0.72	0.238	0.989	0.985	0.0106	0.00877
Exponential	0.941*exp(0.0546*(x-2027))	0.0546	0.928	0.91	0.0274	0.02
Linear	intercept=-60.4, slope=0.0302	0.0302	0.963	0.954	0.0196	0.0153



digital skills  
 Portugal  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=21.8, K=0.782	0.201	0.993	0.992	0.0168	0.0121
Exponential	1.55e+03*exp(0.0039*(x-157522))	0.0039	-4.44	-4.99	0.486	0.439
Linear	intercept=-62, slope=0.0311	0.0311	0.981	0.979	0.0288	0.0242

dig\_por\_2.9Int\_d004\_m028



digital skills

Sweden

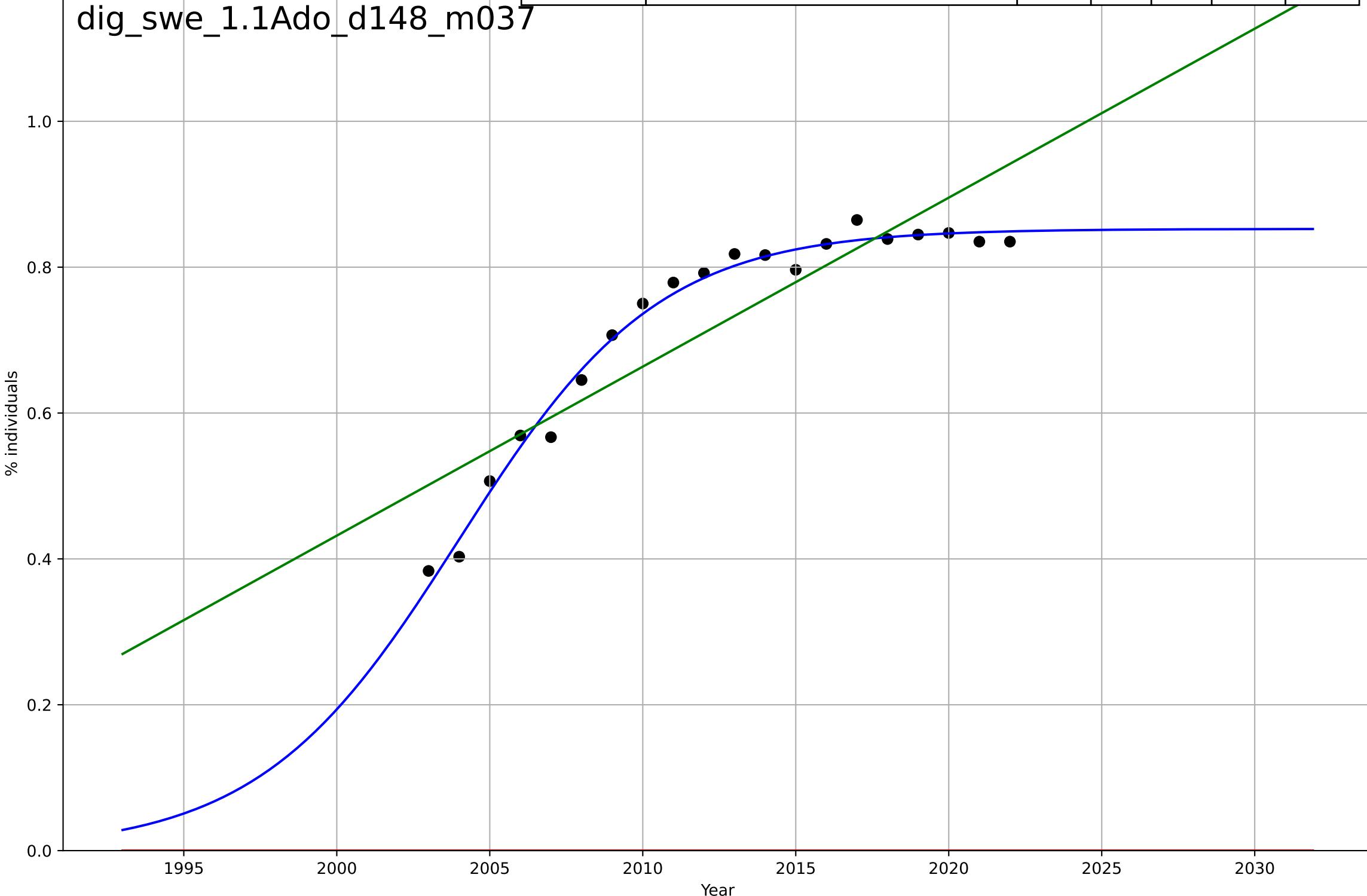
1.1 Adoption over time

Online activity: banking

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=14.3, K=0.852	0.307	0.986	0.984	0.0177	0.014
Exponential	1.55e+03*exp(0.0031*(x-157505))	0.0031	-23.1	-25.9	0.737	0.722
Linear	intercept=-45.9, slope=0.0232	0.0232	0.791	0.767	0.0686	0.0586

dig\_swe\_1.1Ado\_d148\_m037



digital skills

Sweden

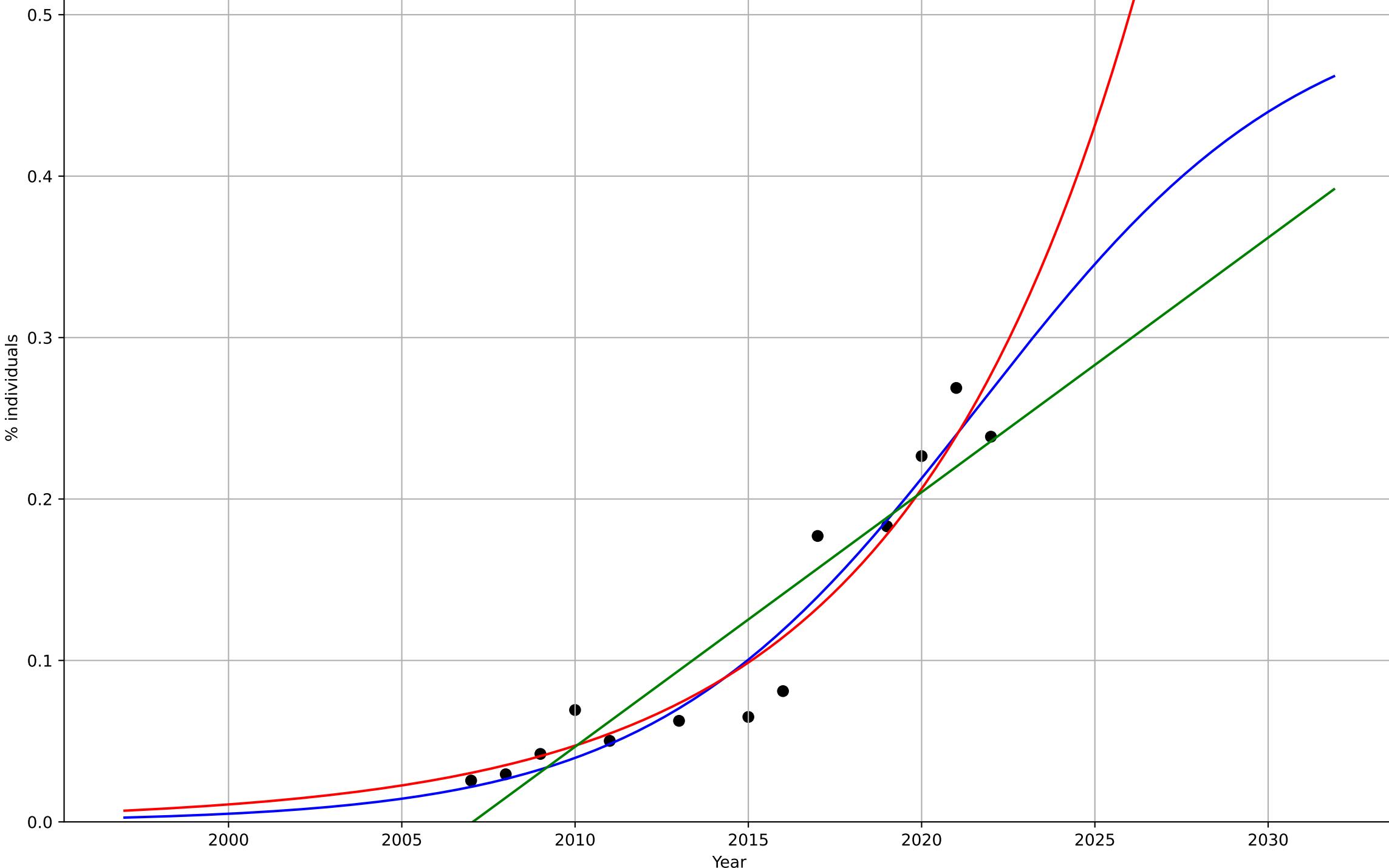
1.1 Adoption over time

Online activity: doing online course

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=20.6, K=0.513$	0.214	0.925	0.899	0.0233	0.0186
Exponential	$0.416 \cdot \exp(0.148 \cdot (x-2025))$	0.148	0.917	0.901	0.0244	0.0196
Linear	intercept=-31.6, slope=0.0158	0.0158	0.858	0.829	0.0319	0.026

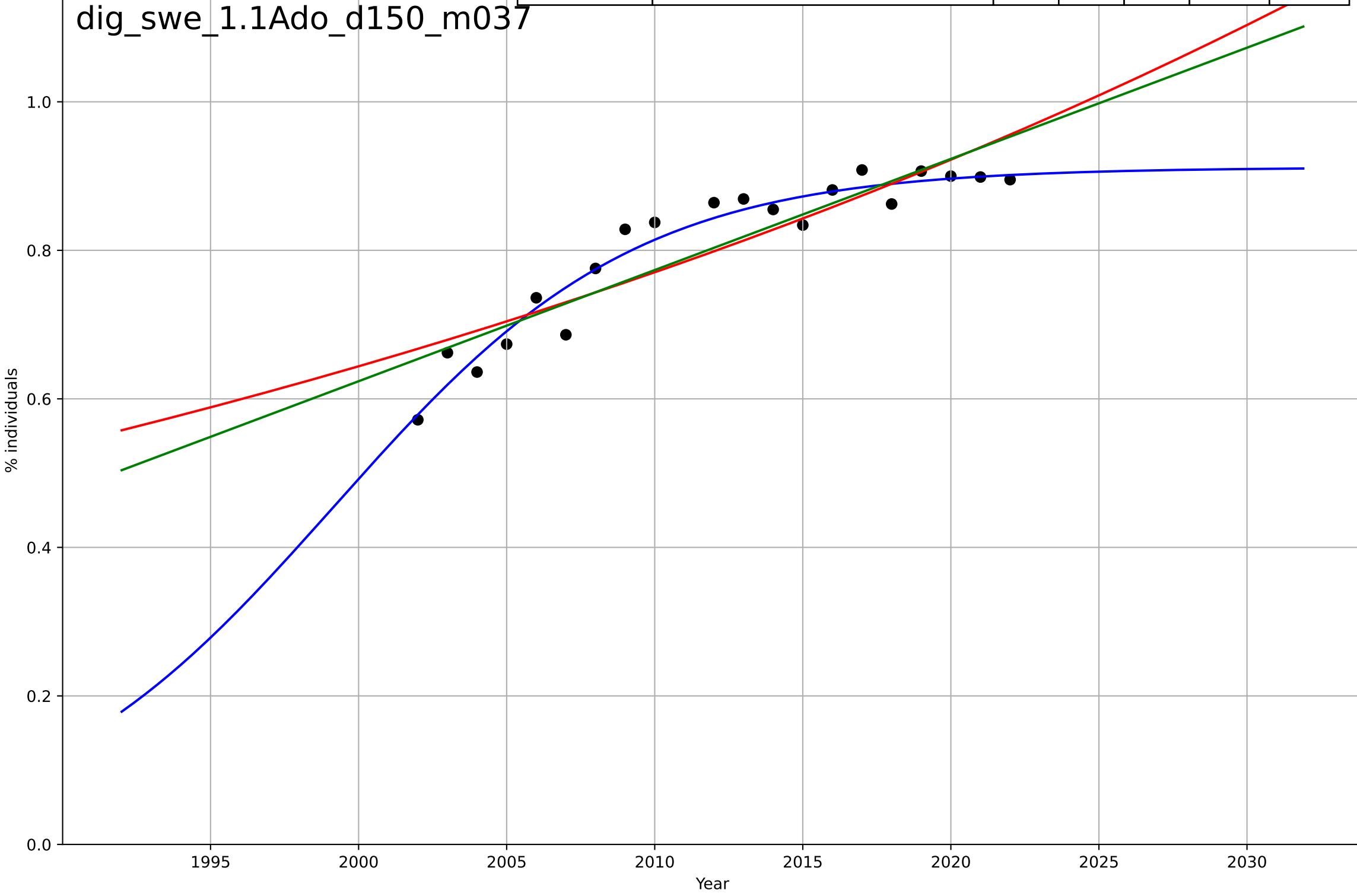
dig\_swe\_1.1Ado\_d149\_m037



digital skills  
 Sweden  
 1.1 Adoption over time  
 Online activity: emailing  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=22.4, K=0.912$	0.196	0.942	0.931	0.0247	0.0191
Exponential	$3.88 \cdot \exp(0.018 \cdot (x-2100))$	0.018	0.795	0.77	0.0463	0.04
Linear	intercept=-29.3, slope=0.015	0.015	0.825	0.805	0.0427	0.037

dig\_swe\_1.1Ado\_d150\_m037



digital skills

Sweden

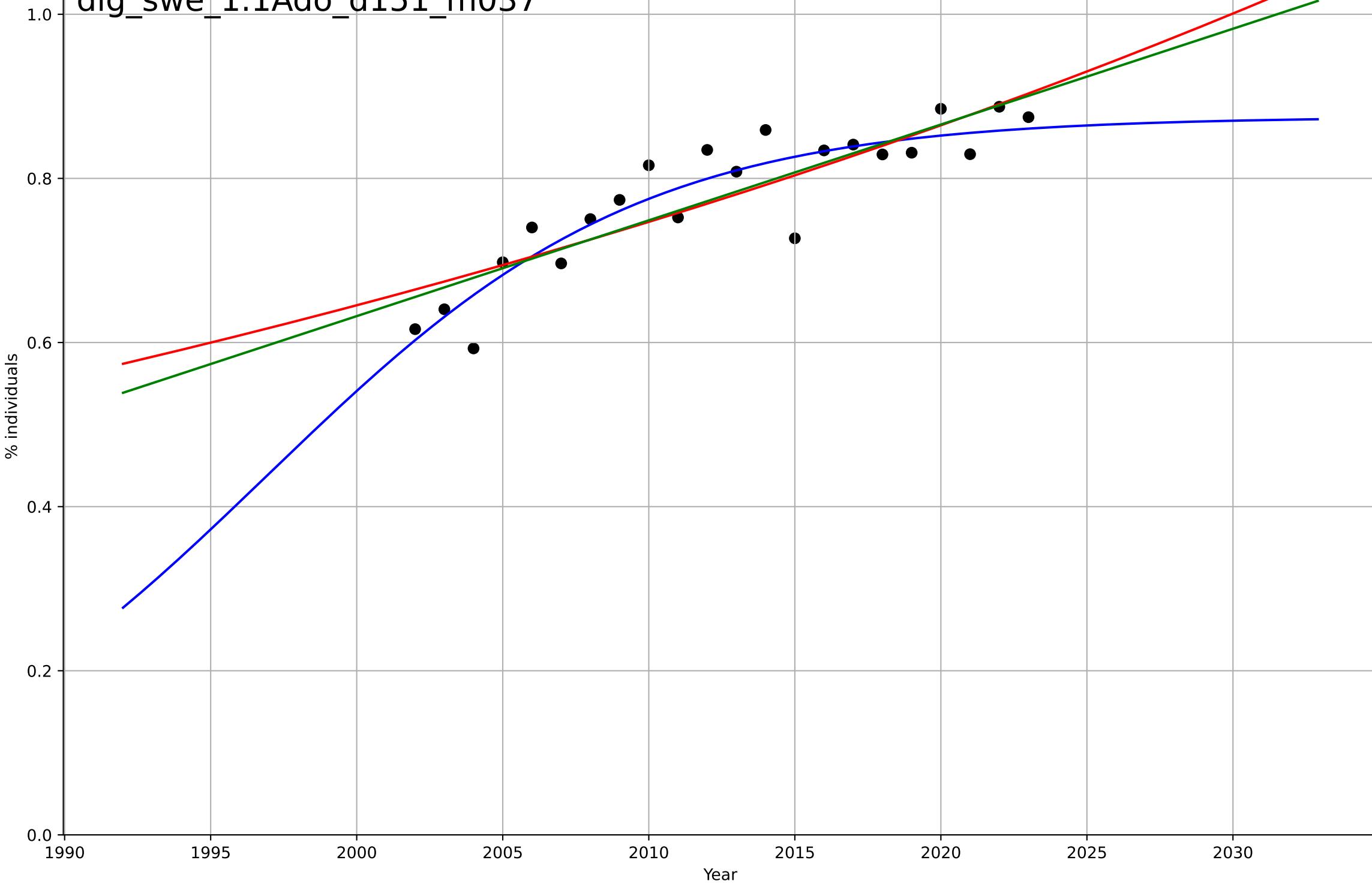
1.1 Adoption over time

Online activity: finding info

% individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=28.1, K=0.875$	0.157	0.835	0.808	0.0344	0.0262
Exponential	$2.92 \cdot \exp(0.0146 \cdot (x-2103))$	0.0146	0.745	0.718	0.0428	0.0349
Linear	intercept=-22.7, slope=0.0117	0.0117	0.764	0.739	0.0412	0.0335

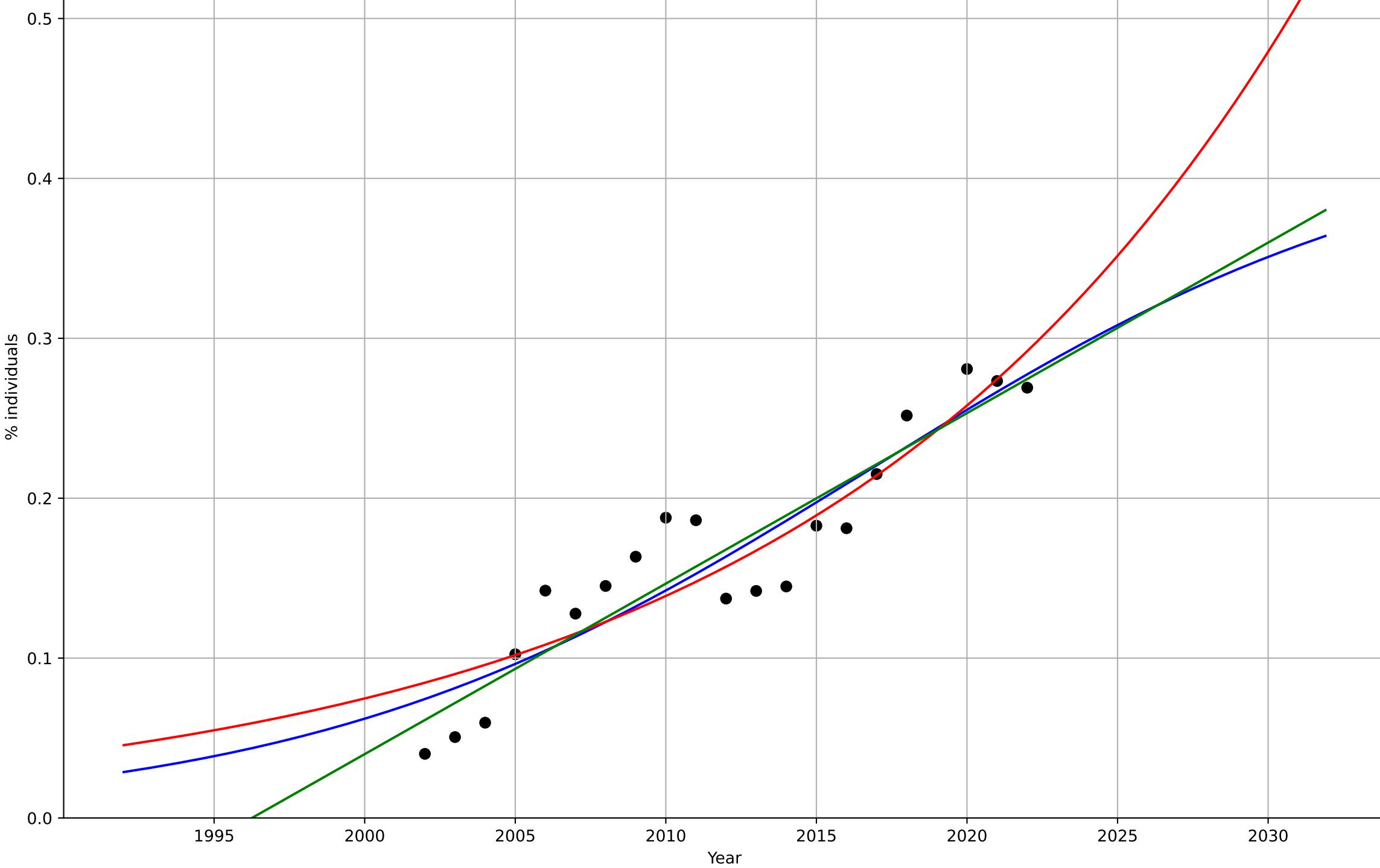
dig\_swe\_1.1Ado\_d151\_m037



digital skills  
 Sweden  
 1.1 Adoption over time  
 Online activity: selling  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=41.1, K=0.436$	0.107	0.844	0.814	0.0273	0.0246
Exponential	$3.89 \cdot \exp(0.0619 \cdot (x-2064))$	0.0619	0.834	0.815	0.0281	0.0243
Linear	intercept=-21.3, slope=0.0107	0.0107	0.858	0.841	0.026	0.0235

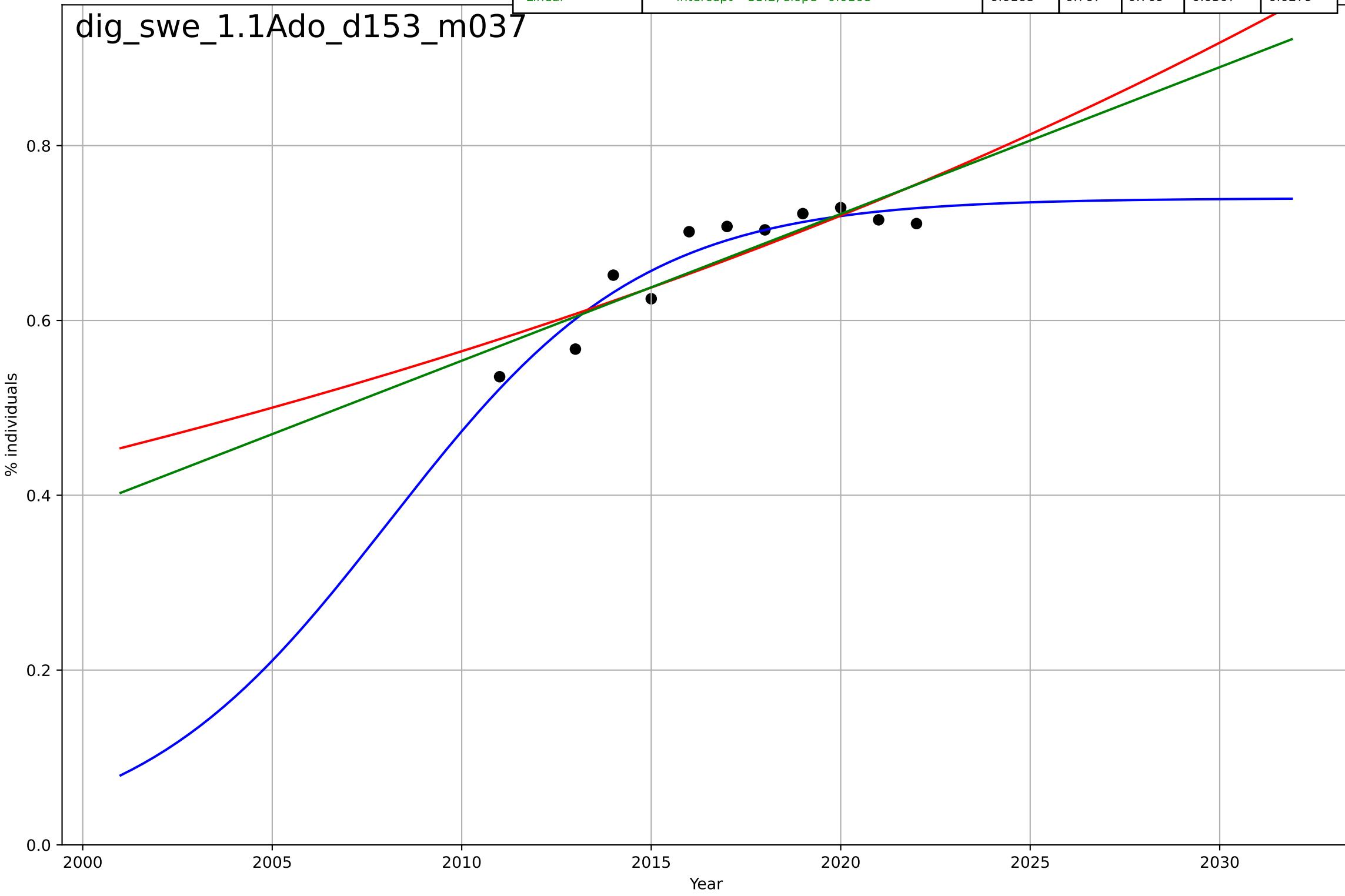
dig\_swe\_1.1Ado\_d152\_m037



digital skills  
 Sweden  
 1.1 Adoption over time  
 Online activity: social networks  
 % individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=14.7, K=0.74$	0.299	0.904	0.863	0.0197	0.017
Exponential	$0.14 \cdot \exp(0.0243 \cdot (x-1952))$	0.0243	0.739	0.674	0.0325	0.0296
Linear	intercept=-33.2, slope=0.0168	0.0168	0.767	0.709	0.0307	0.0279

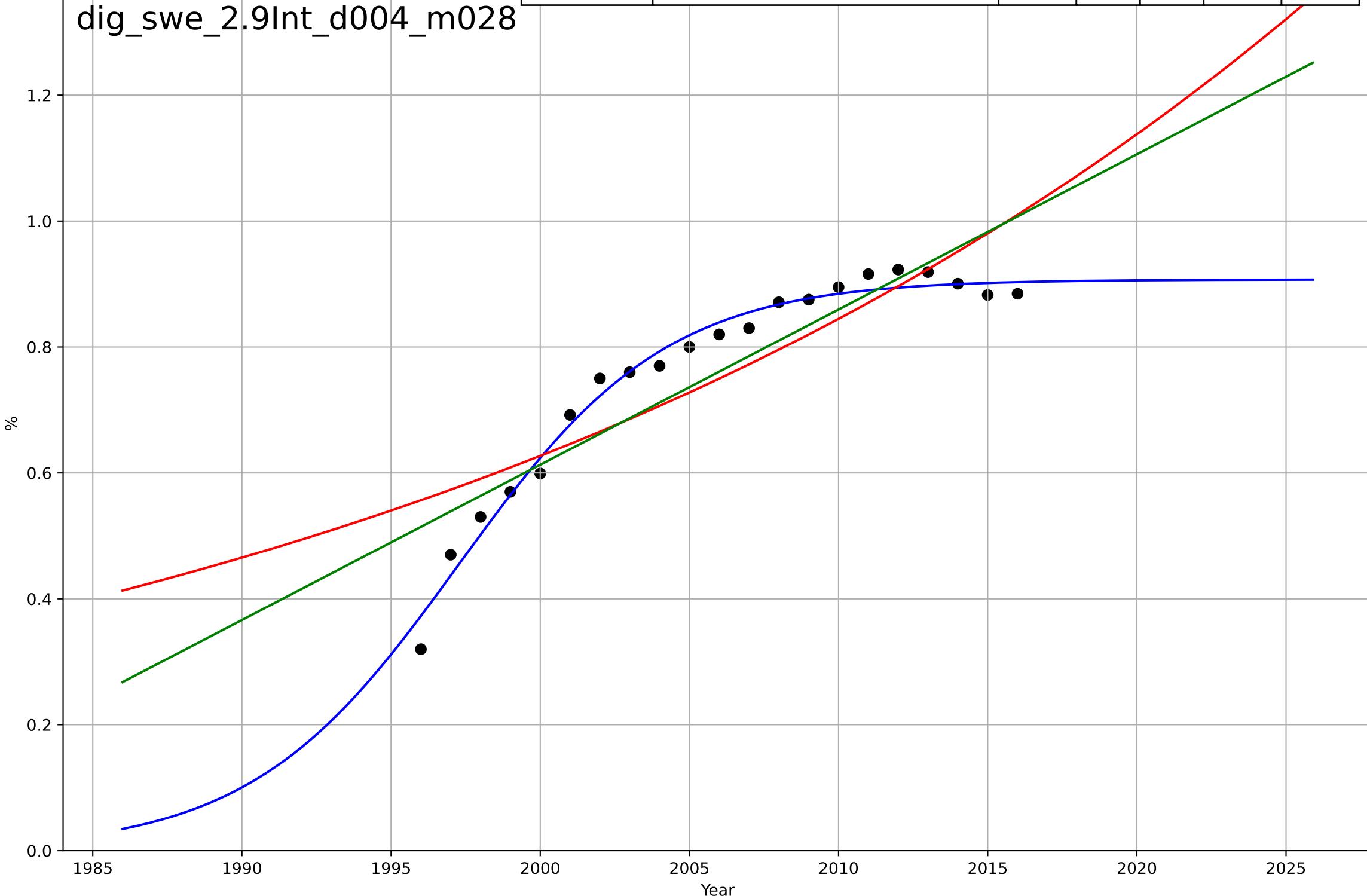
dig\_swe\_1.1Ado\_d153\_m037



digital skills  
 Sweden  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=15.3, K=0.907$	0.287	0.981	0.978	0.0228	0.0192
Exponential	$0.981 \cdot \exp(0.0298 \cdot (x-2015))$	0.0298	0.746	0.718	0.0836	0.0699
Linear	intercept=-48.7, slope=0.0247	0.0247	0.81	0.789	0.0722	0.0594

dig\_swe\_2.9Int\_d004\_m028



downsizing

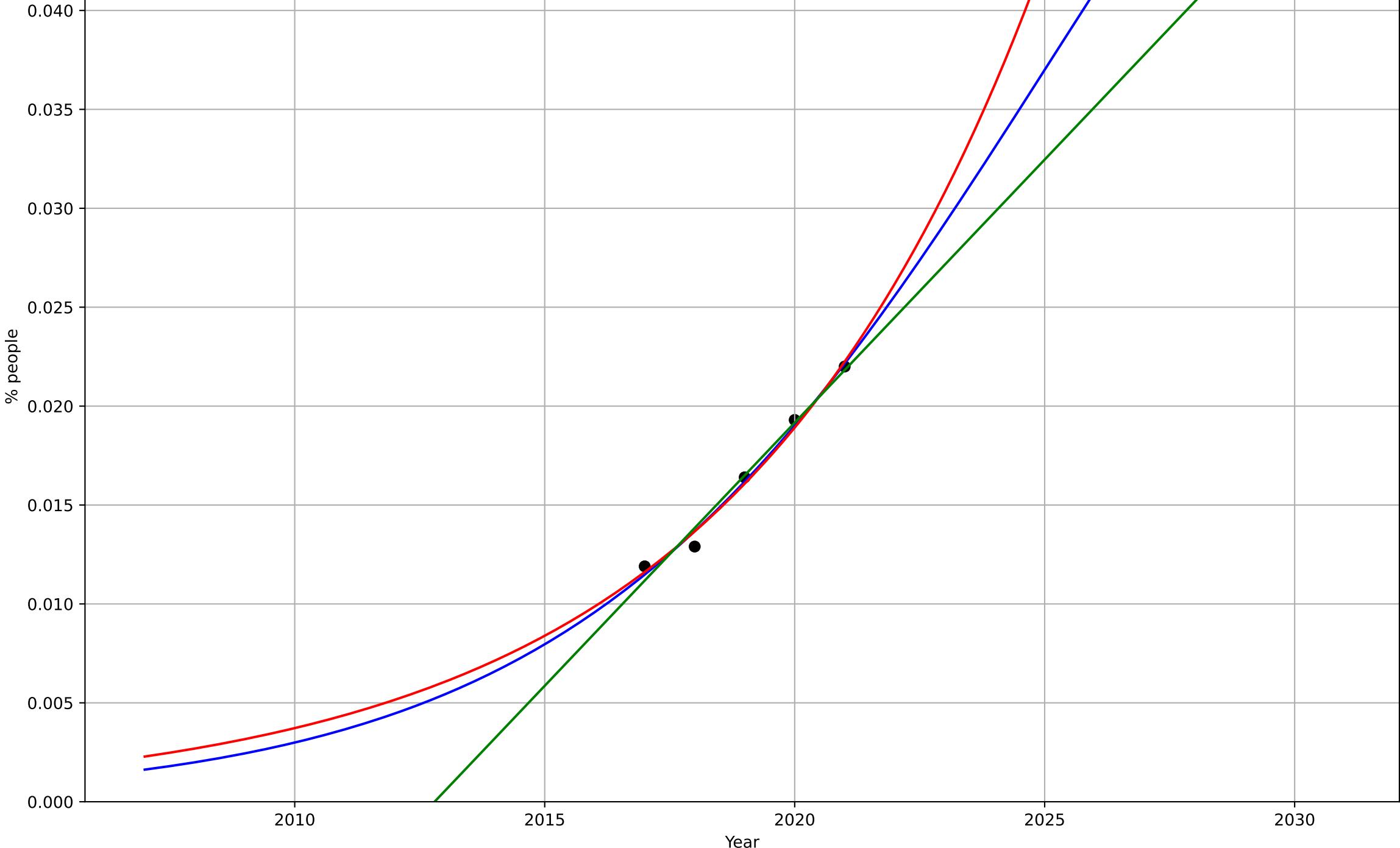
Switzerland

### 1.1 Adoption over time

Share of people living in a small dwelling with % people

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2025, Dt=20.9, K=0.0755	0.21	0.987	0.949	0.000431	0.00037
Exponential	4.36*exp(0.163*(x-2053))	0.163	0.986	0.973	0.000443	0.000403
Linear	intercept=-5.35, slope=0.00266	0.00266	0.98	0.959	0.000541	0.000416

dow\_swi\_1.1Ado\_d191\_m087



drivers licence

Stockholm

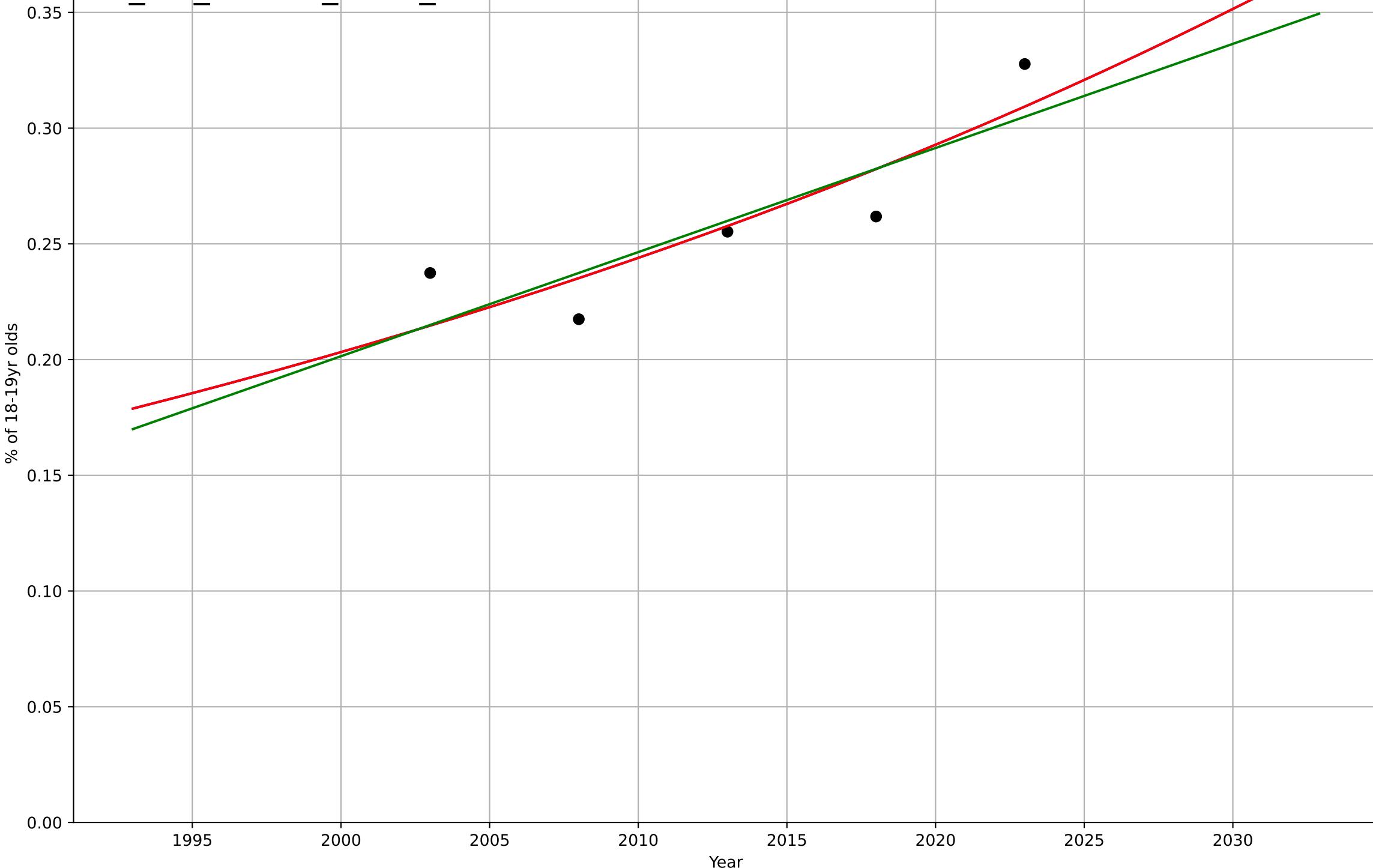
### 1.1 Adoption over Time

% of 18-19yr age group holding a drivers licence

% of 18-19yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2570, D_t=241, K=6.8e+03$	0.0183	0.77	0.0781	0.0179	0.0164
Exponential	$2.24e-08 \cdot \exp(0.0183 \cdot (x-1123))$	0.0183	0.77	0.539	0.0179	0.0164
Linear	intercept=-8.8, slope=0.0045	0.0045	0.73	0.46	0.0193	0.0181

dri\_sto\_1.1Ado\_d006\_m047



drivers licence

Stockholm

### 1.1 Adoption over Time

% of 18-19yr age group holding a drivers licence

% of 18-19yr old females

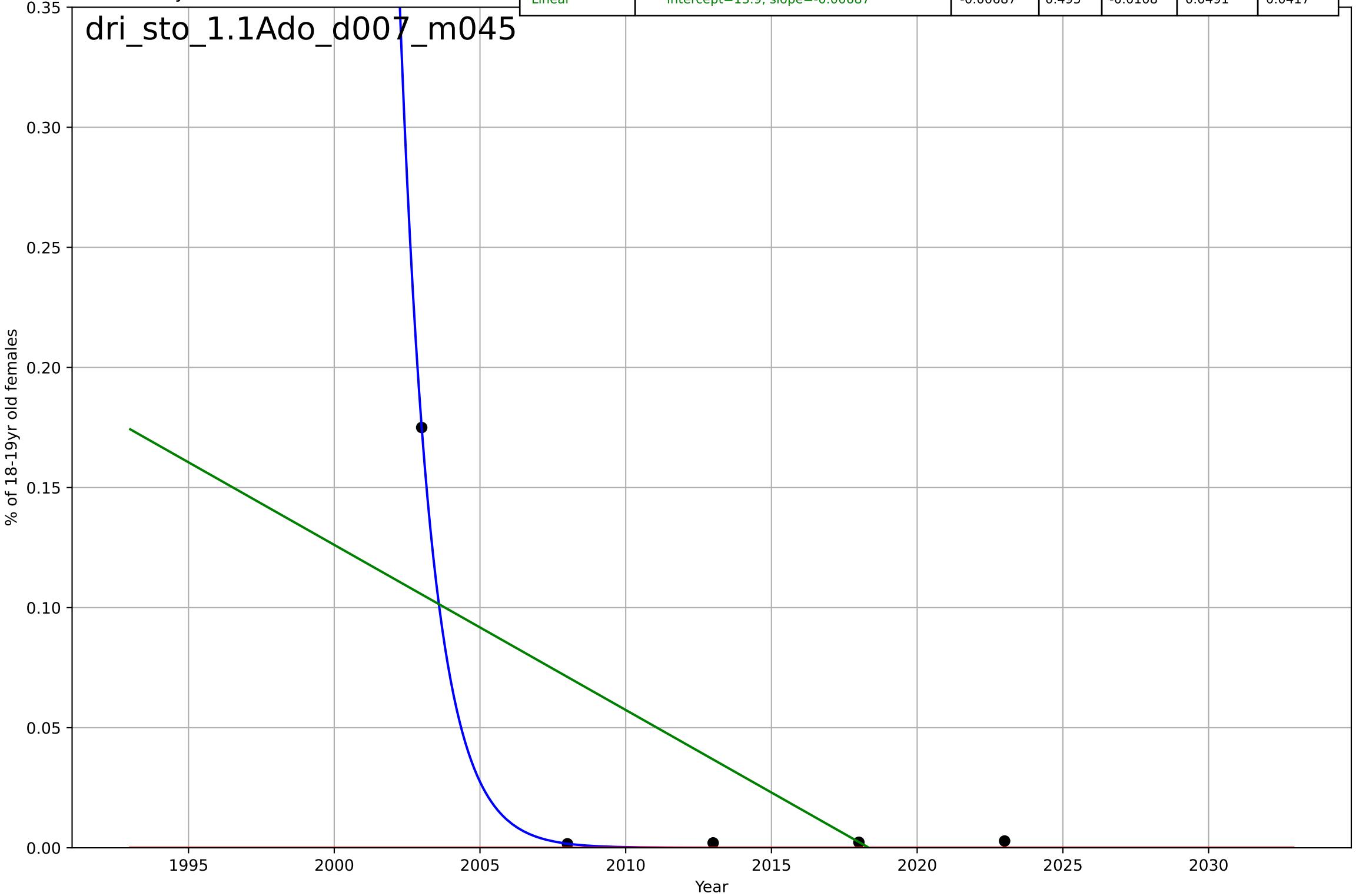
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1995, Dt=-4.75, K=329	-0.926	0.999	0.997	0.00187	0.00144
Exponential	-4.23*exp(0.0323*(x-3106))	0.0323	-0.283	-1.57	0.0783	0.0368
Linear	intercept=13.9, slope=-0.00687	-0.00687	0.495	-0.0108	0.0491	0.0417

dri\_sto\_1.1Ado\_d007\_m045

% of 18-19yr old females

1995 2000 2005 2010 2015 2020 2025 2030

Year



drivers licence

Stockholm

### 1.1 Adoption over Time

% of 18-19yr age group holding a drivers licence

% of 18-19yr old males

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1996, Dt=-4.67, K=255	-0.941	1	0.998	0.0025	0.00194
Exponential	-1.33e+03*exp(-0.0169*(x-590559))	-0.0169	-0.277	-1.55	0.135	0.0627
Linear	intercept=24, slope=-0.0119	-0.0119	0.497	-0.00502	0.0845	0.0718

dri\_sto\_1.1Ado\_d007\_m046

% of 18-19yr old males

1995

2000

2005

2010

2015

2020

2025

2030

Year

drivers licence

Stockholm

### 1.1 Adoption over Time

% of 18-19yr age group in 2003 holding a drivers licence

% of 18-19yr olds in 2003 cohort

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2451, D_t=-49.6, K=0.452$	-0.0886	-3.97e-12	-3	0.113	0.086
Exponential	$1.56e+03 \cdot \exp(0.00206 \cdot (x - 157487))$	0.00206	-16.2	-33.3	0.466	0.452
Linear	intercept=-23.3, slope=0.0118	0.0118	0.551	0.103	0.0753	0.064

dri\_sto\_1.1Ado\_d008\_m048

% of 18-19yr olds in 2003 cohort

1995

2000

2005

2010

2015

2020

2025

2030

Year

0.0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

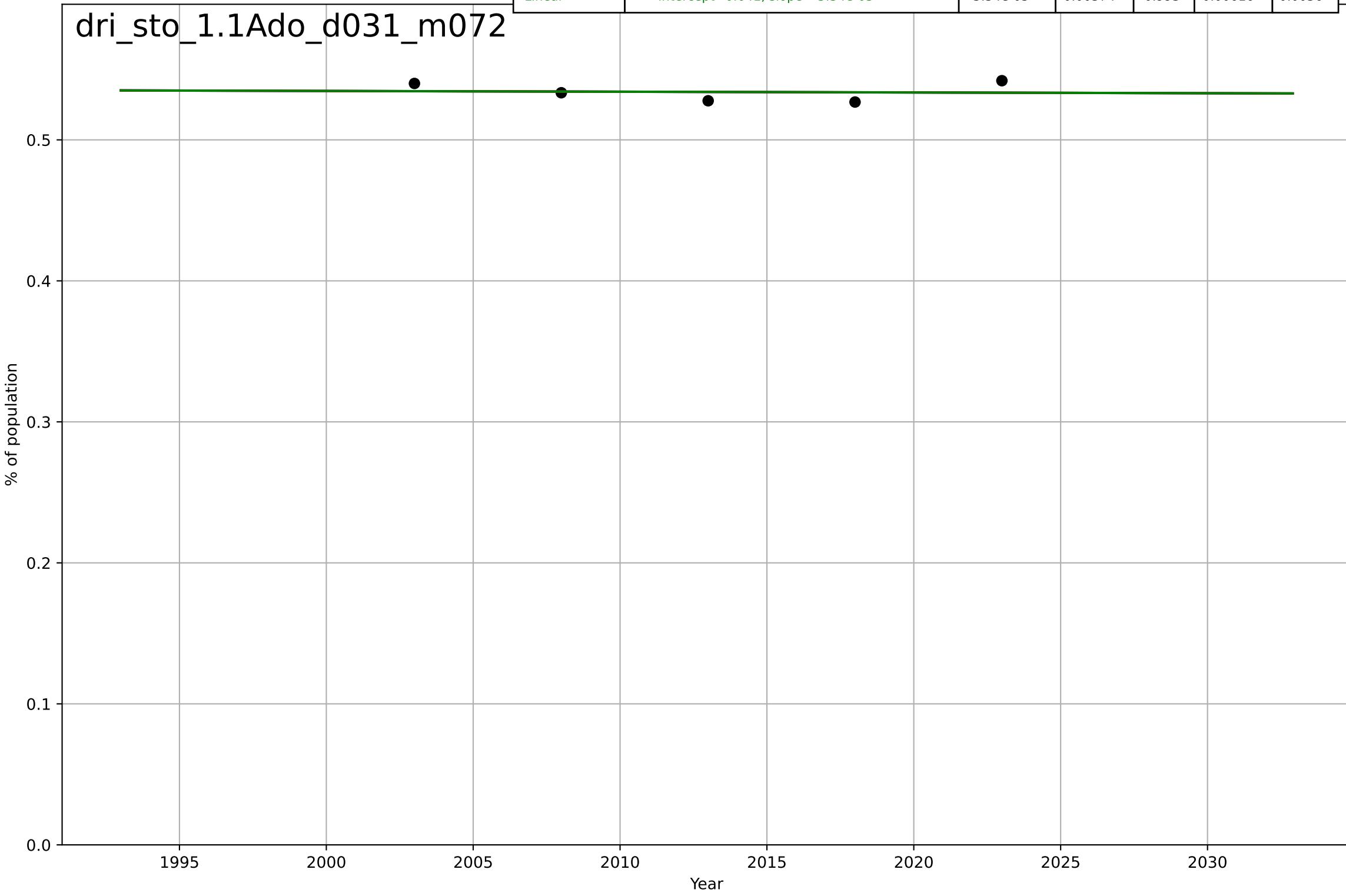
0.9

1.0

drivers licence  
 Stockholm  
 1.1 Adoption over Time  
 % of population holding a drivers licence  
 % of population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-13366, D_t=-3.74e+04, K=3.79$	-0.000117	0.00376	-2.98	0.00616	0.0056
Exponential	$0.56 \cdot \exp(-0.000101 \cdot (x-1541))$	-0.000101	0.00377	-0.992	0.00616	0.0056
Linear	intercept=0.641, slope=-5.34e-05	-5.34e-05	0.00374	-0.993	0.00616	0.0056

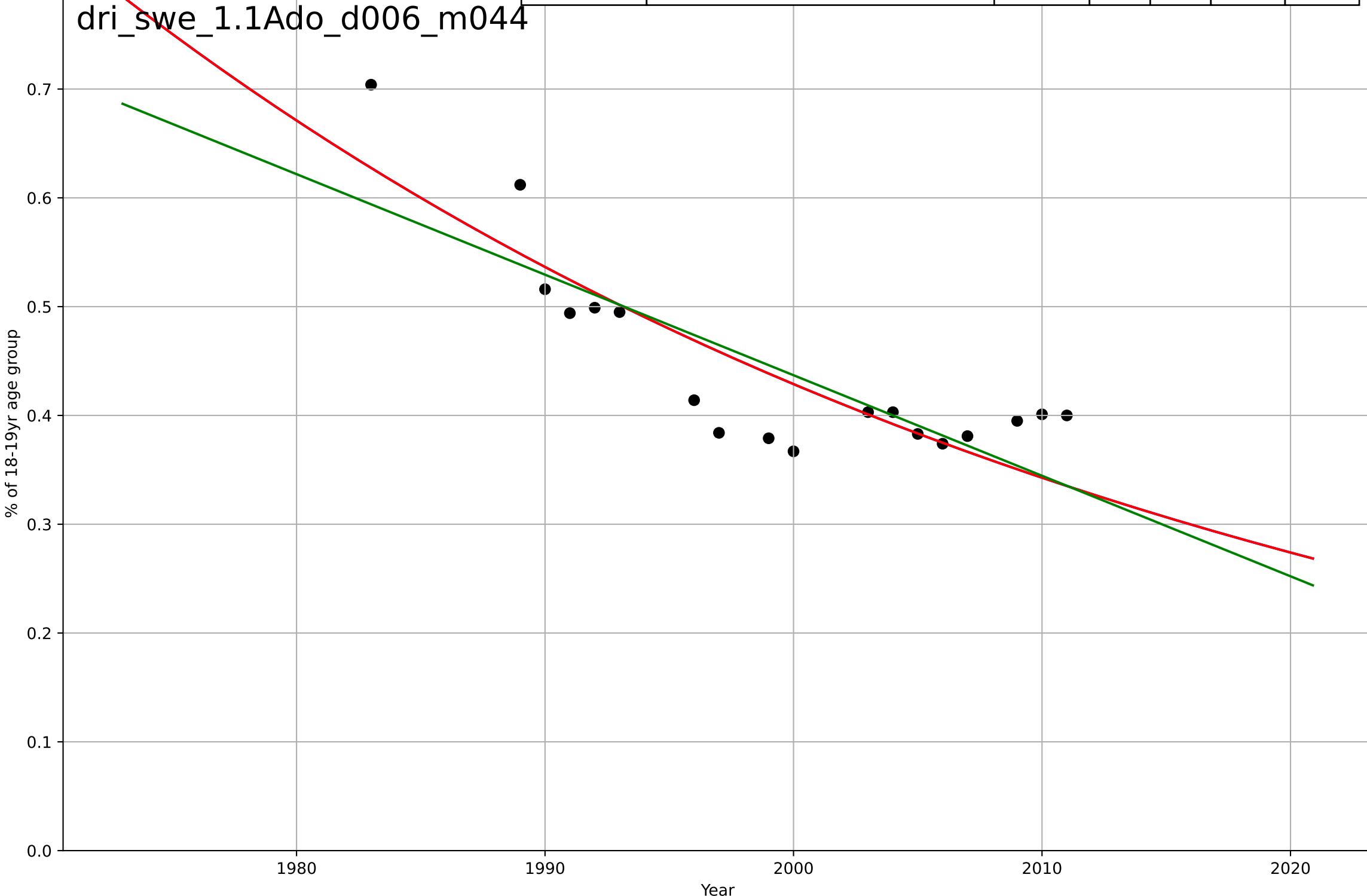
dri\_sto\_1.1Ado\_d031\_m072



drivers licence  
 Sweden  
 1.1 Adoption over Time  
 % of 18-19yr age group holding a drivers licence  
 % of 18-19yr age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1515, D_t=-196, K=2.24e+04$	-0.0224	0.744	0.689	0.0455	0.0366
Exponential	$1.36 \cdot \exp(-0.0224 \cdot (x-1948))$	-0.0224	0.744	0.71	0.0455	0.0366
Linear	intercept=18.9, slope=-0.00924	-0.00924	0.676	0.632	0.0513	0.0397

dri\_swe\_1.1Ado\_d006\_m044



drivers licence

Sweden

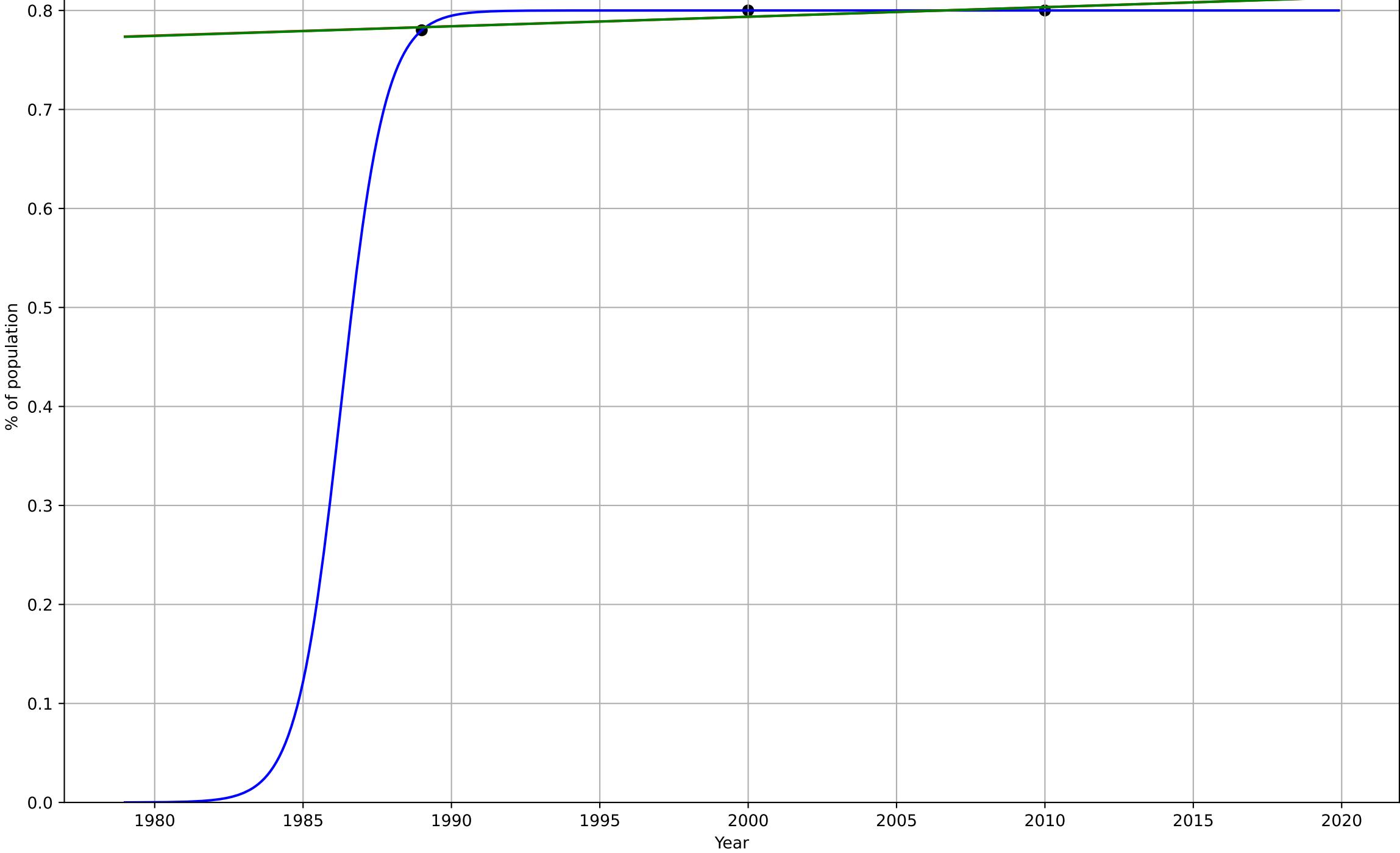
### 1.1 Adoption over Time

% of population holding a drivers licence

% of population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1986, Dt=3.27, K=0.8	1.34	1	1	3.75e-09	3.74e-09
Exponential	0.173*exp(0.00121*(x-747))	0.00121	0.77	-inf	0.00452	0.00426
Linear	intercept=-1.14, slope=0.000967	0.000967	0.773	-inf	0.00449	0.00423

dri\_swe\_1.1Ado\_d031\_m072



drivers licence

US

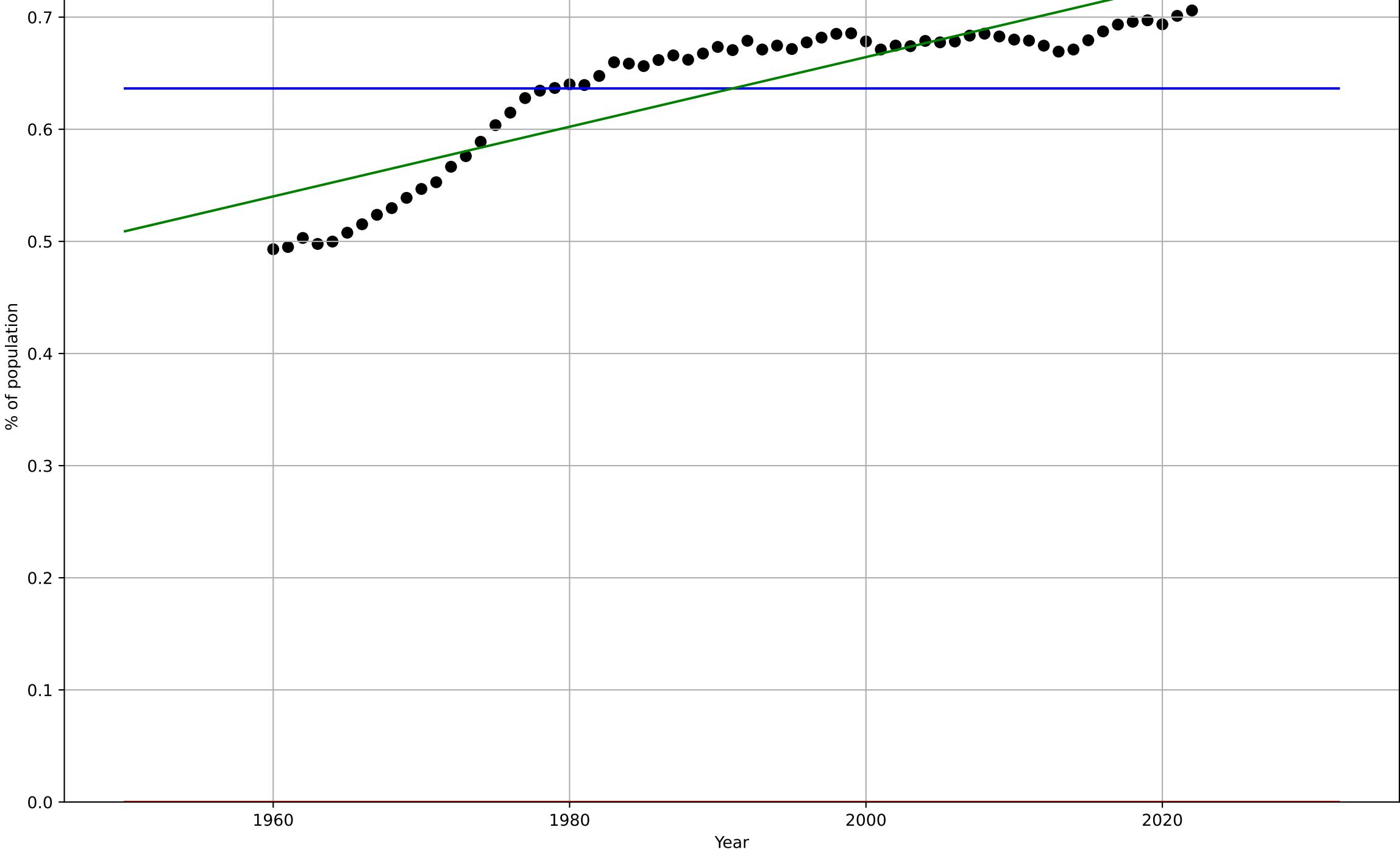
## 1.1 Adoption over time

% of population (residents) holding a drivers licence

% of population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3697, D_t=-243, K=0.636$	-0.018	-2.86e-13	-0.0508	0.0646	0.0532
Exponential	$1.56e+03 \cdot \exp(0.00123 \cdot (x - 157417))$	0.00123	-97.2	-100	0.64	0.636
Linear	intercept=-5.55, slope=0.00311	0.00311	0.766	0.758	0.0312	0.0278

dri\_usa\_1.1Ado\_d030\_m072



drivers licence

US

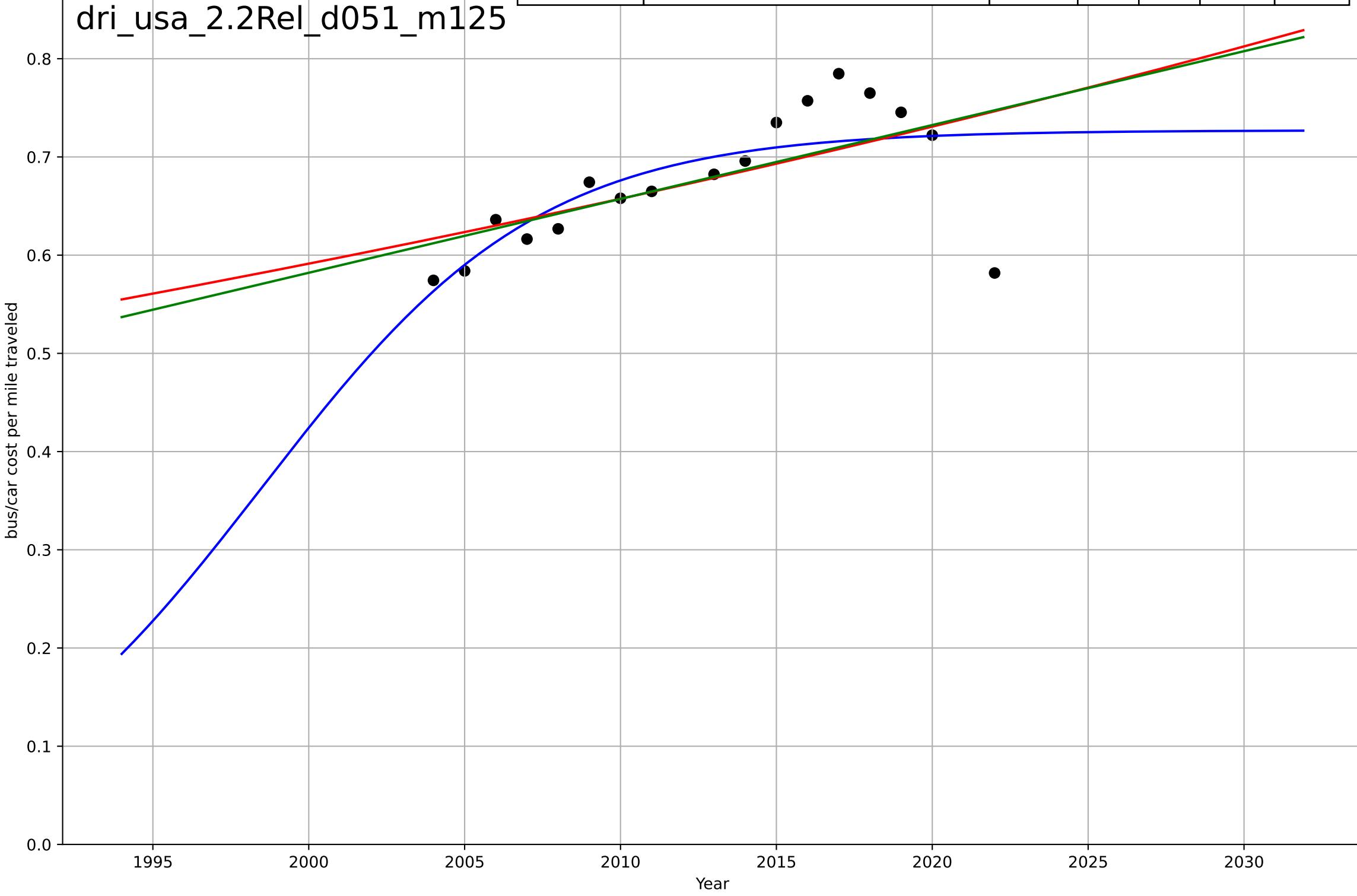
## 2.2 Relative Advantage (profitability)

Average cost of mile traveled by bus / car

bus/car cost per mile traveled

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1999, Dt=19.6, K=0.727	0.225	0.547	0.443	0.0441	0.03
Exponential	0.187*exp(0.0106*(x-1891))	0.0106	0.372	0.282	0.0519	0.0344
Linear	intercept=-14.5, slope=0.00752	0.00752	0.39	0.302	0.0512	0.0333

dri\_usa\_2.2Rel\_d051\_m125



drivers licence

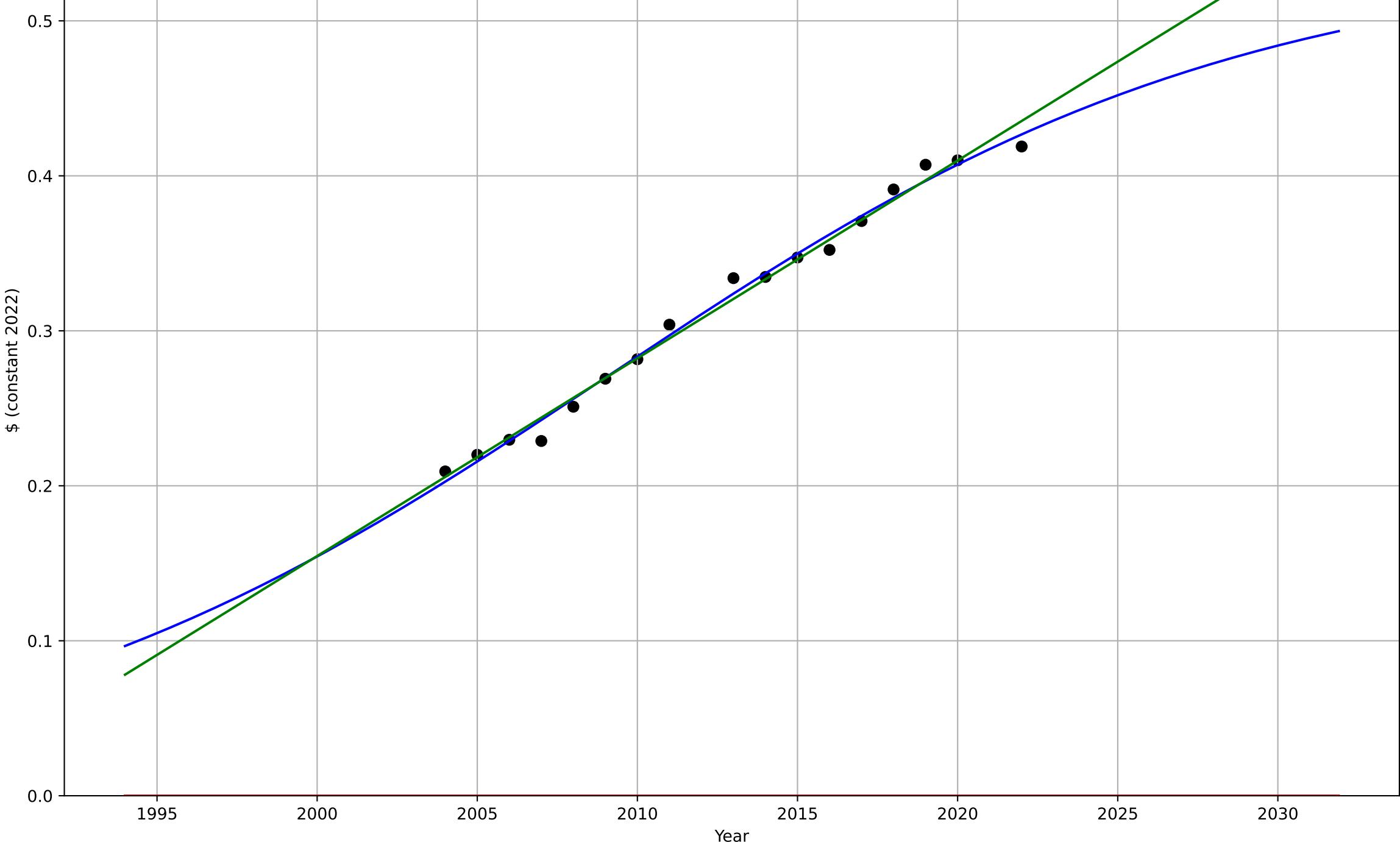
US

2.2 Relative Advantage (profitability)

Average total cost of mile traveled by bus  
\$ (constant 2022)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=43.4, K=0.542	0.101	0.991	0.989	0.00665	0.00554
Exponential	1.56e+03*exp(0.00217*(x-157495))	0.00217	-20.4	-23.5	0.323	0.315
Linear	intercept=-25.4, slope=0.0128	0.0128	0.988	0.986	0.00769	0.00556

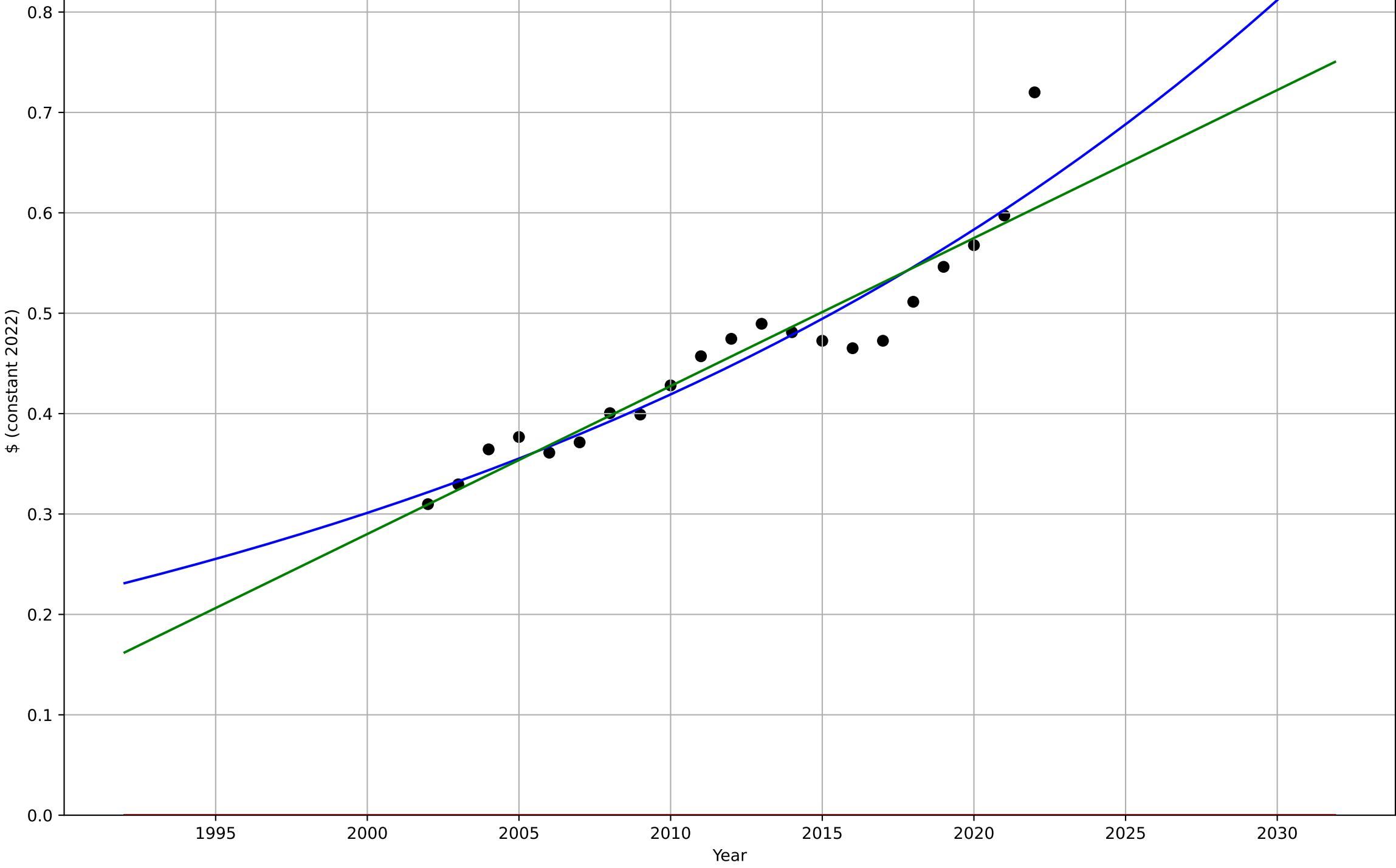
dri\_usa\_2.2Rel\_d055\_m026



drivers licence  
 US  
 2.2 Relative Advantage (profitability)  
 Average total cost of mile traveled by car  
 \$ (constant 2022)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2326, Dt=133, K=1.47e+04	0.0331	0.894	0.876	0.031	0.0223
Exponential	1.56e+03*exp(0.00234*(x-157493))	0.00234	-22.9	-25.6	0.467	0.457
Linear	intercept=-29.2, slope=0.0147	0.0147	0.874	0.86	0.0339	0.022

dri\_usa\_2.2Rel\_d056\_m026



drivers licence

US

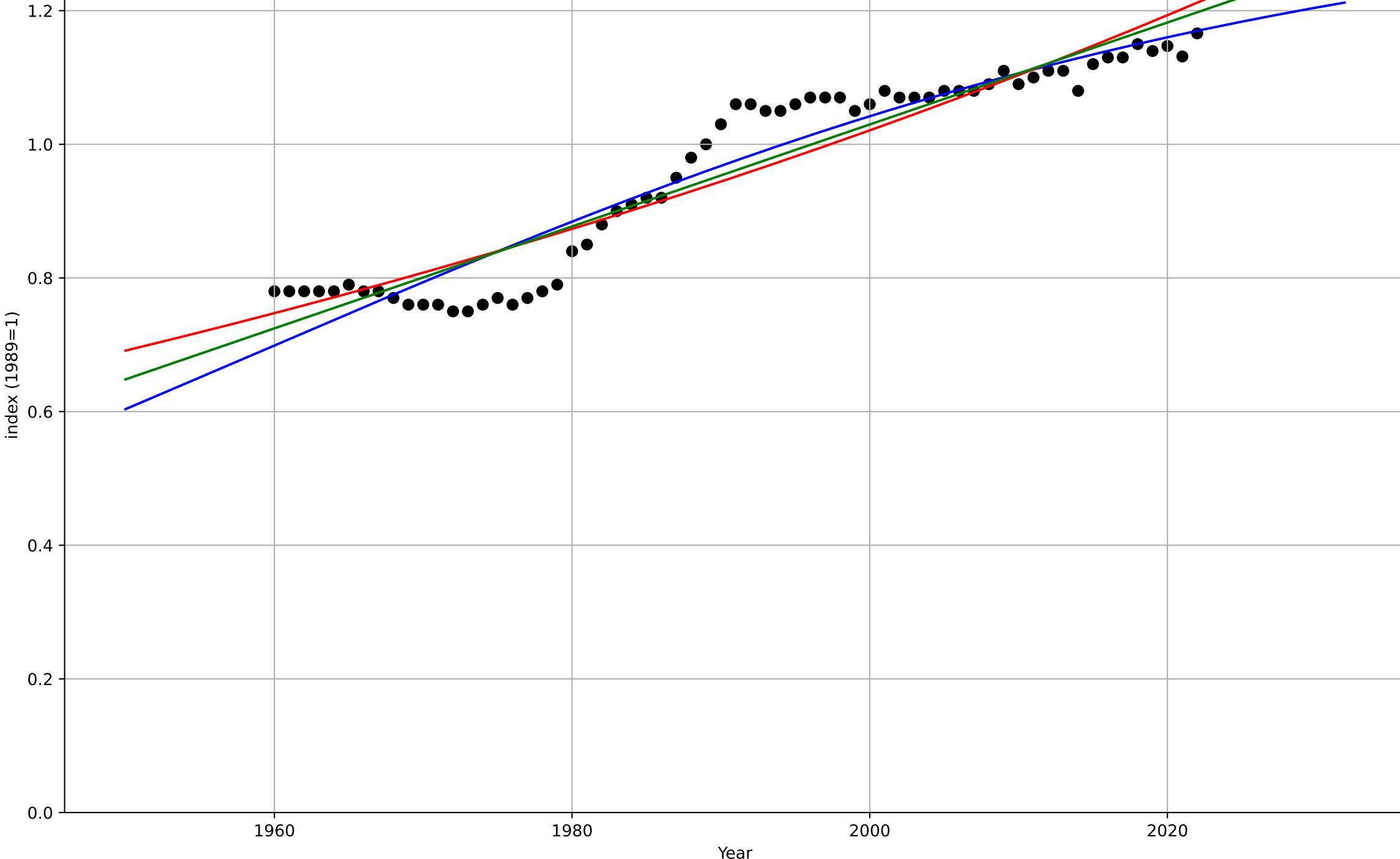
## 2.2 Relative Advantage (profitability)

Fuel efficiency (VMT per gallon)

index (1989=1)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1958, D_t=157, K=1.37$	0.028	0.909	0.904	0.0442	0.0349
Exponential	$6.54 \cdot \exp(0.0078 \cdot (x-2238))$	0.0078	0.882	0.878	0.0503	0.0412
Linear	intercept=-14.2, slope=0.00763	0.00763	0.897	0.894	0.0469	0.0384

dri\_usa\_2.2Rel\_d105\_m131



drivers licence

US

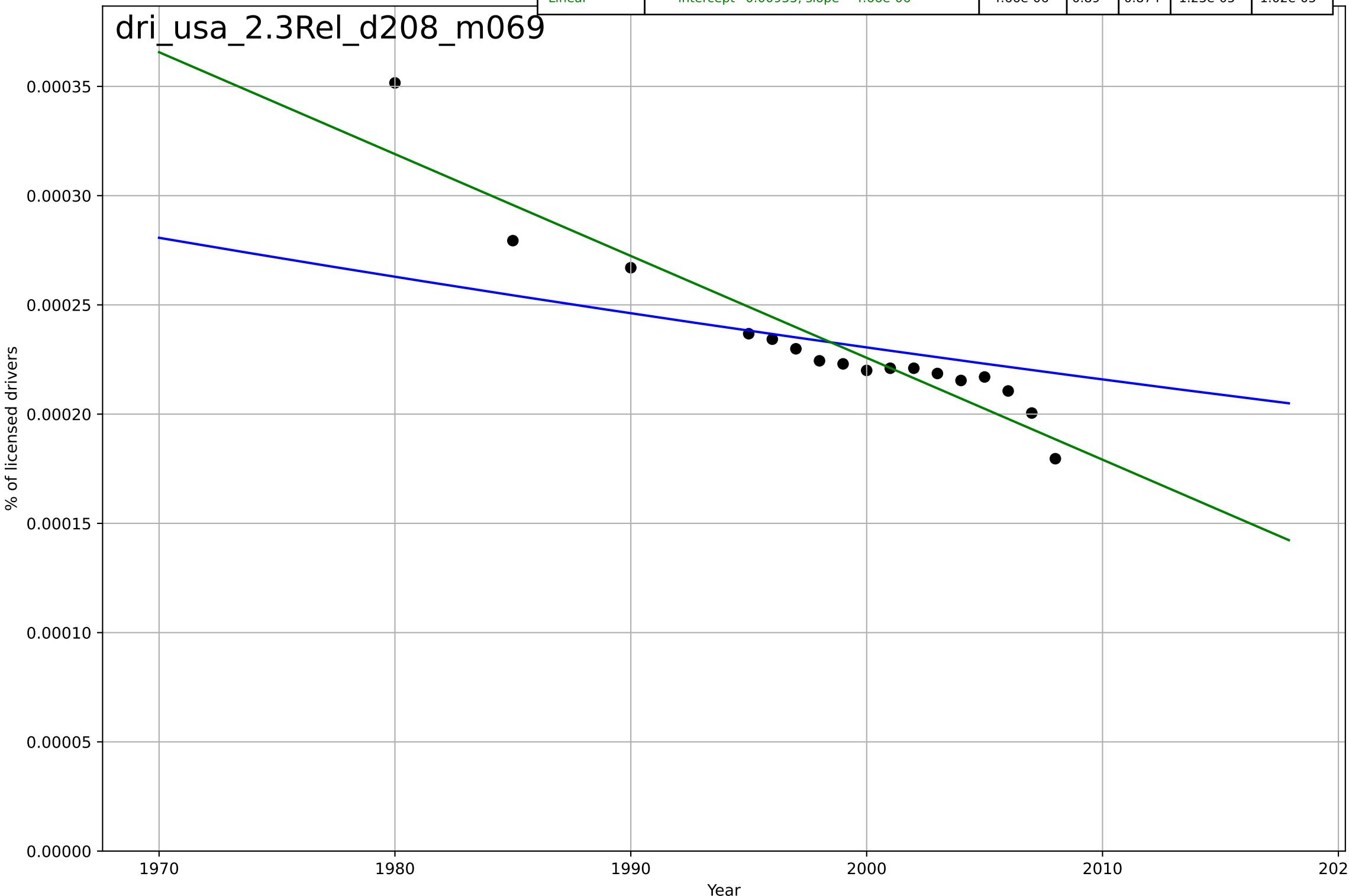
### 2.3 Relative Advantage (Co-Benefits)

Traffic death rates

% of licensed drivers

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=745, D_t=-669, K=0.873$	-0.00657	0.502	0.387	2.61e-05	1.64e-05
Exponential	$nan \cdot exp(nan \cdot (x - nan))$	nan	nan	nan	nan	nan
Linear	intercept=0.000955, slope=-4.66e-06	-4.66e-06	0.89	0.874	1.23e-05	1.02e-05

dri\_usa\_2.3Rel\_d208\_m069



drivers licence

US

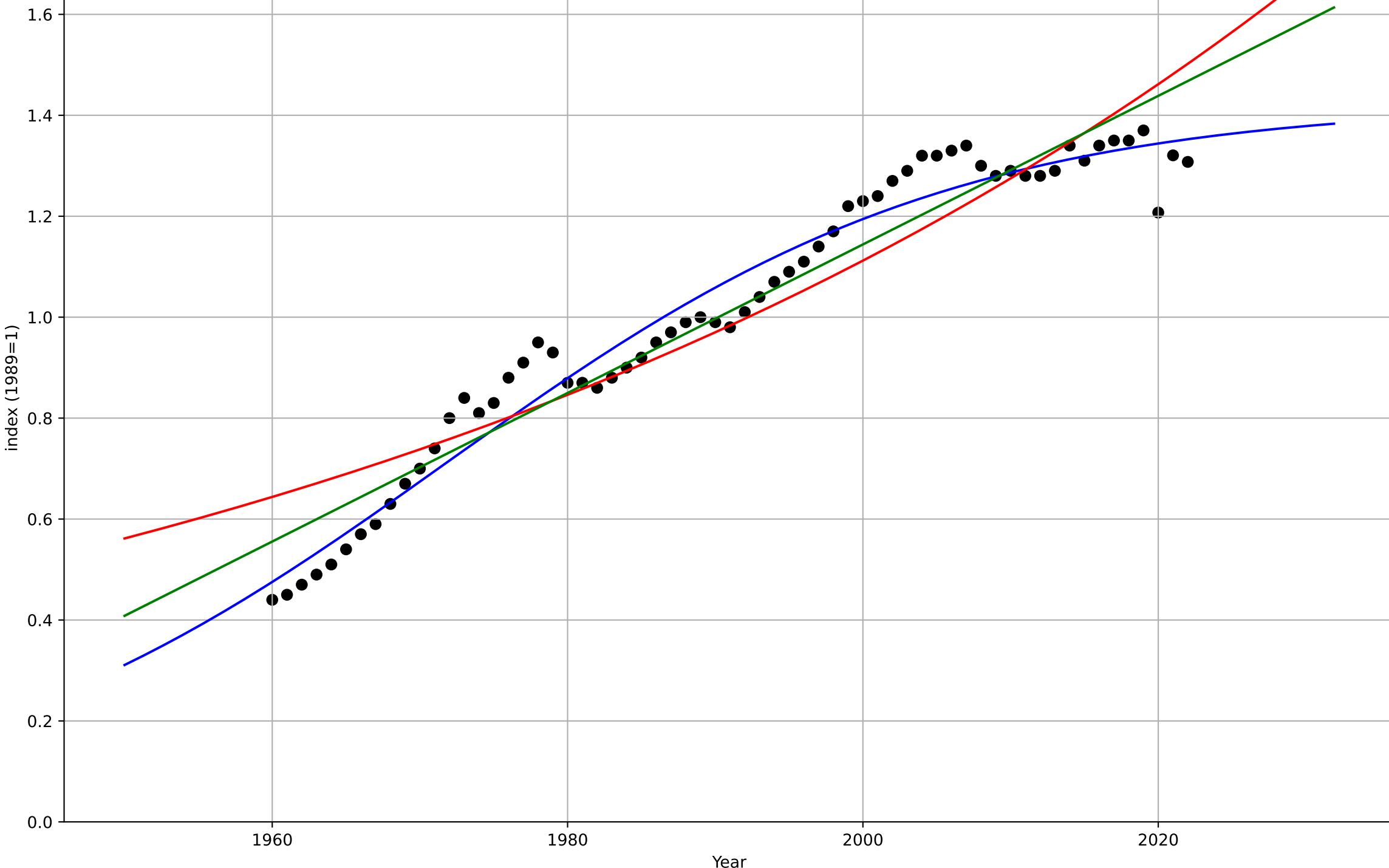
## 2.9 Inter-dependence with Hardware

Motor fuel consumption

index (1989=1)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1972, D_t=75.2, K=1.42$	0.0584	0.963	0.961	0.0534	0.0451
Exponential	$0.921 \cdot \exp(0.0137 \cdot (x-1986))$	0.0137	0.872	0.868	0.0993	0.0785
Linear	intercept=-28.3, slope=0.0147	0.0147	0.927	0.924	0.0753	0.059

dri\_usa\_2.9Int\_d124\_m131



drivers licence

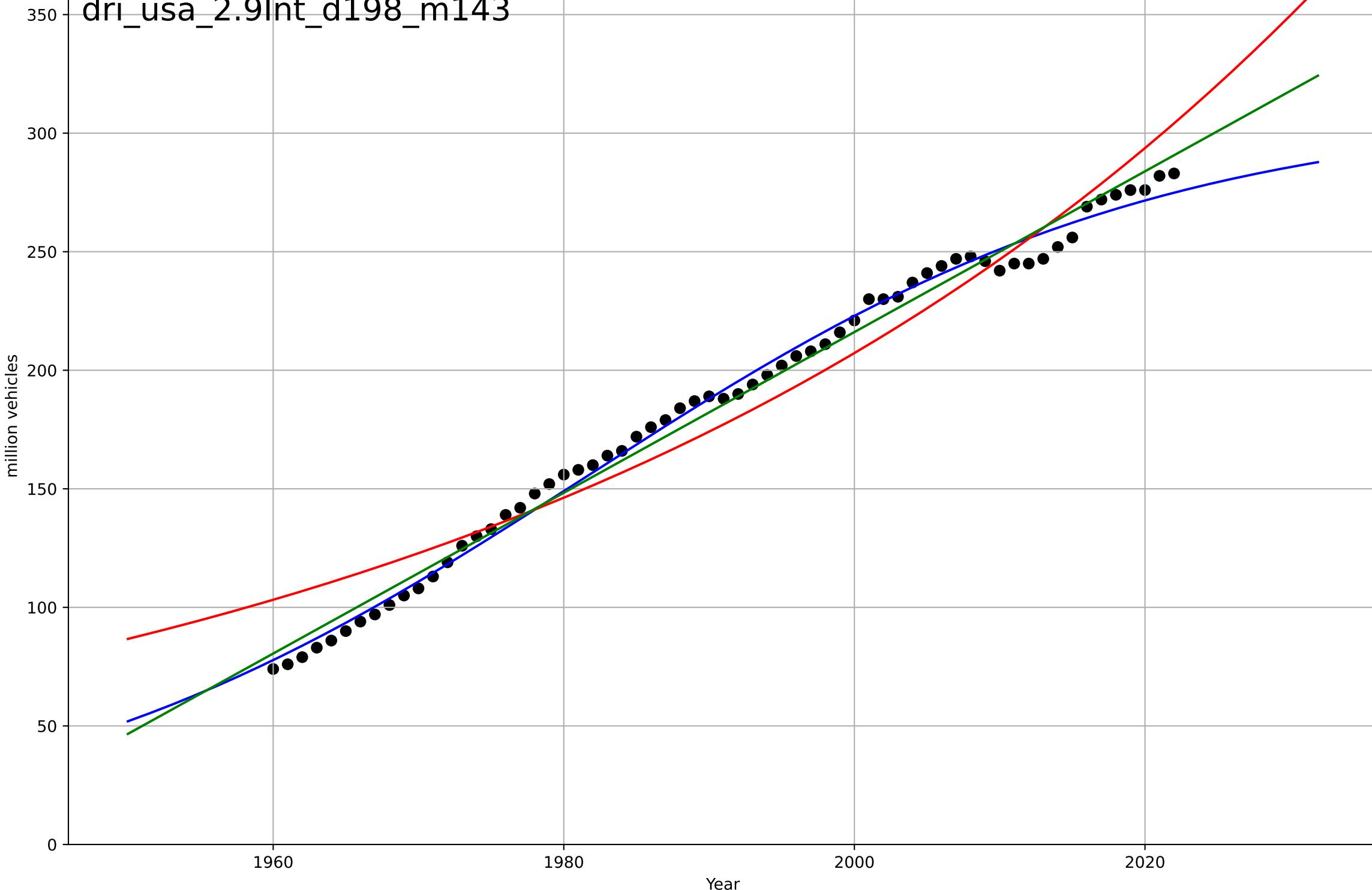
US

## 2.9 Inter-dependence with Hardware

Total number of vehicles registered  
million vehicles

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1982, Dt=86.4, K=310$	0.0509	0.994	0.993	4.92	4.37
Exponential	$6.11 \cdot \exp(0.0174 \cdot (x-1798))$	0.0174	0.947	0.945	14.3	12.9
Linear	intercept=-6.56e+03, slope=3.39	3.39	0.989	0.989	6.47	5.79

dri\_usa\_2.9Int\_d198\_m143



drivers licence

US

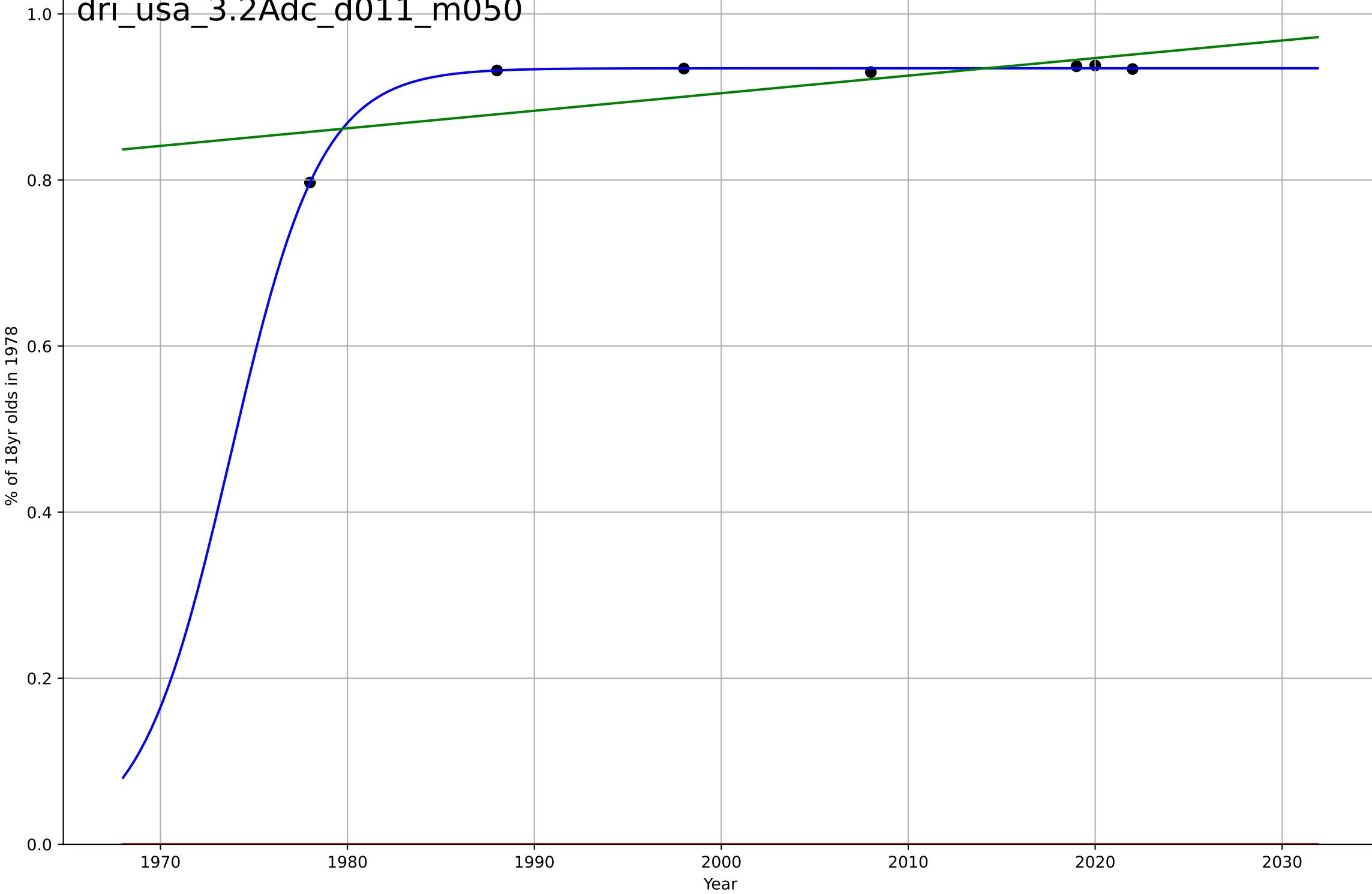
### 3.2 Adopter characteristics

% of age cohort 18 yrs in 1978 holding a drivers

% of 18yr olds in 1978

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1974, D_t=10.7, K=0.935$	0.412	0.998	0.995	0.00237	0.00166
Exponential	$1.56e+03 \cdot \exp(0.00111 \cdot (x-157423))$	0.00111	-362	-544	0.916	0.915
Linear	intercept=-3.33, slope=0.00212	0.00212	0.494	0.241	0.0342	0.0272

dri\_usa\_3.2Adc\_d011\_m050



drivers licence

US

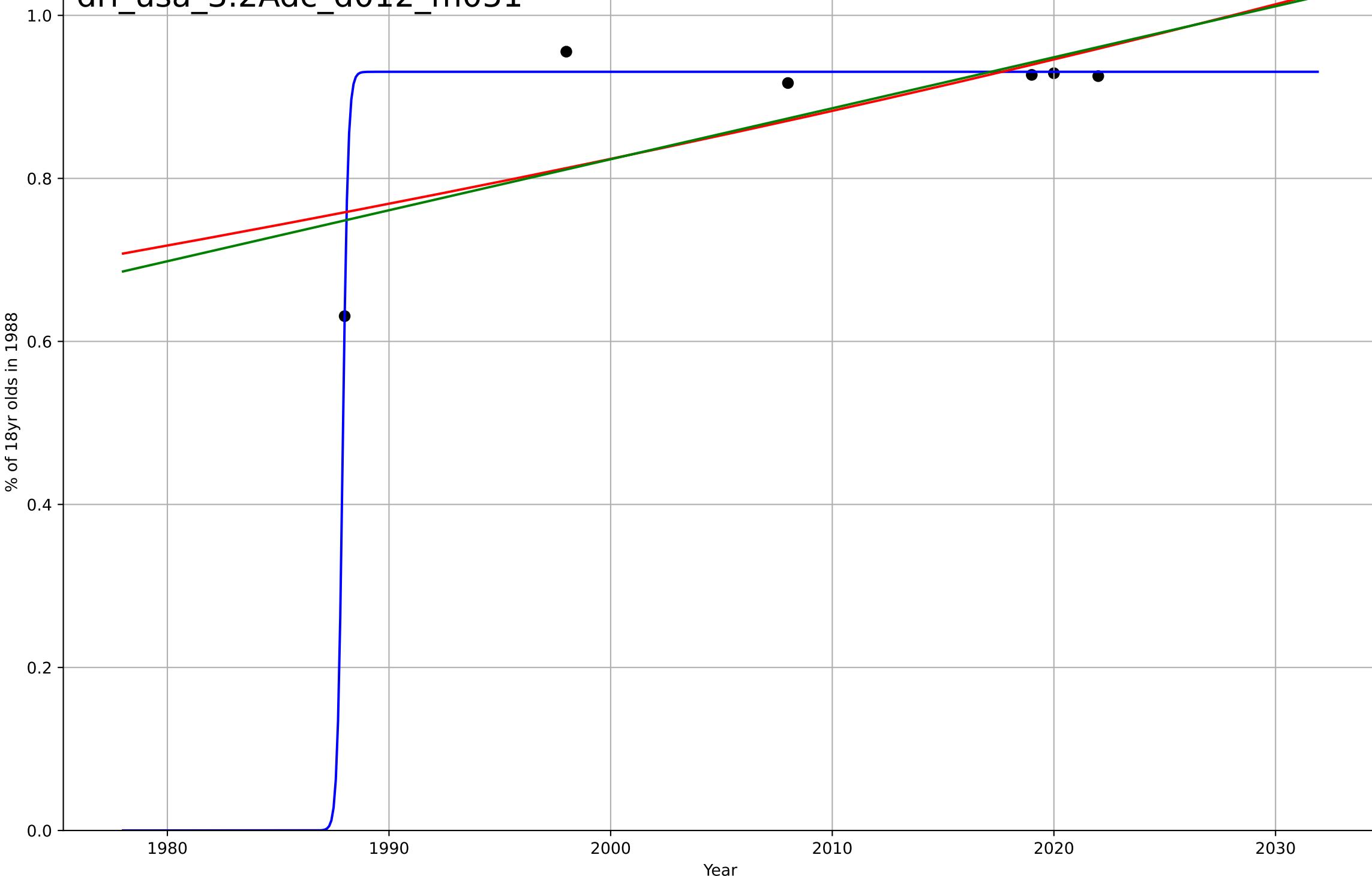
### 3.2 Adopter characteristics

% of age cohort 18 yrs in 1988 holding a drivers

% of 18yr olds in 1988

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1988, Dt=0.521, K=0.931	8.43	0.989	0.972	0.0119	0.00823
Exponential	4.29*exp(0.00691*(x-2239))	0.00691	0.467	0.112	0.082	0.0632
Linear	intercept=-11.7, slope=0.00626	0.00626	0.492	0.154	0.08	0.0627

dri\_usa\_3.2Adc\_d012\_m051



drivers licence

US

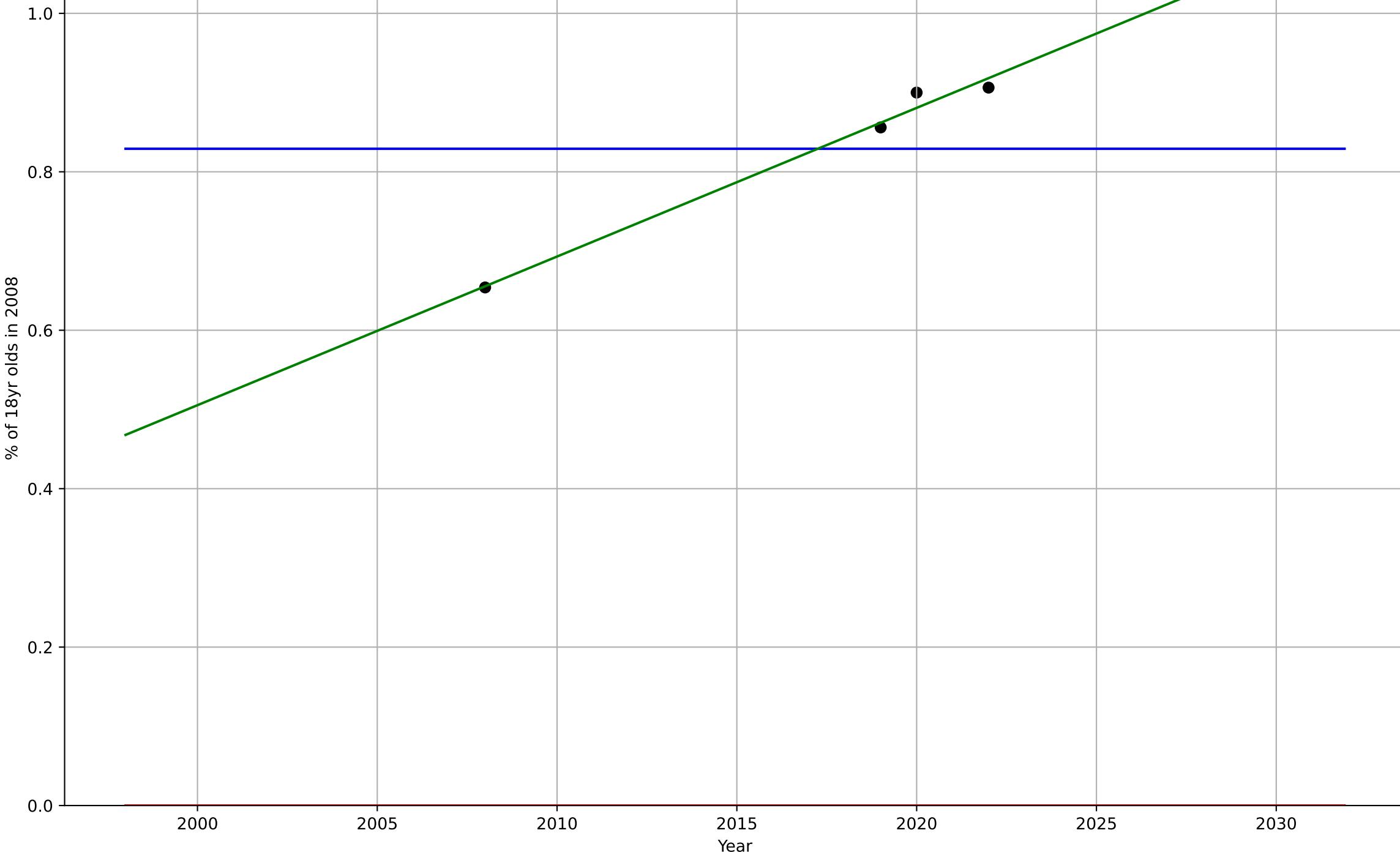
### 3.2 Adopter characteristics

% of age cohort 18 yrs in 2008 holding a drivers

% of 18yr olds in 2008

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2457, Dt=-52.9, K=0.829	-0.0831	-3.38e-11	-inf	0.103	0.0875
Exponential	1.56e+03*exp(0.00269*(x-157501))	0.00269	-64.9	-197	0.835	0.829
Linear	intercept=-37, slope=0.0188	0.0188	0.987	0.961	0.0118	0.00967

dri\_usa\_3.2Adc\_d013\_m052



drivers licence

US

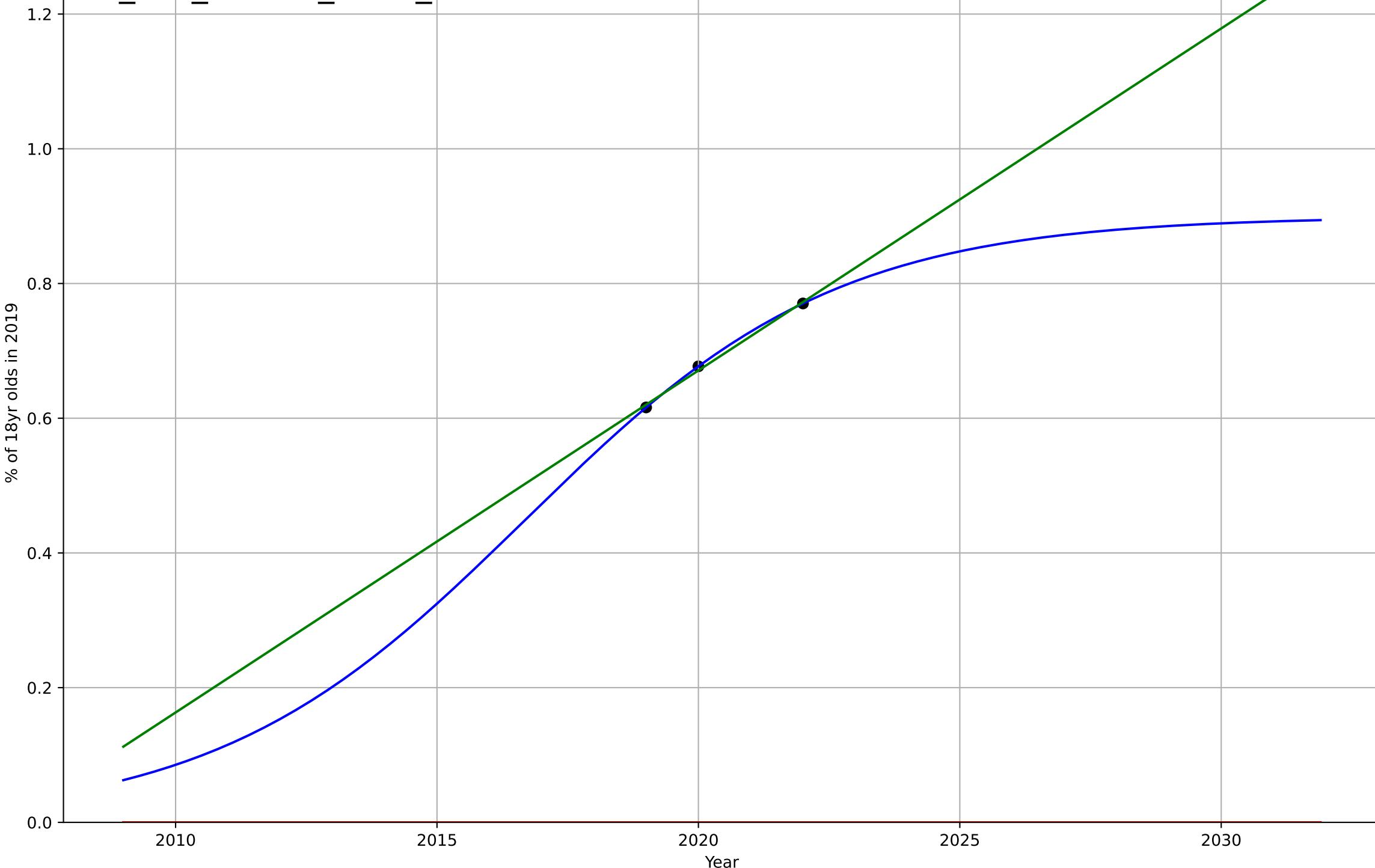
### 3.2 Adopter characteristics

% of age cohort 18 yrs in 2019 holding a drivers

% of 18yr olds in 2019

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=13, K=0.899	0.337	1	1	1.47e-10	1.28e-10
Exponential	1.55e+03*exp(0.00567*(x-157622))	0.00567	-117	-inf	0.691	0.688
Linear	intercept=-102, slope=0.0508	0.0508	0.995	-inf	0.00442	0.00409

dri\_usa\_3.2Adc\_d014\_m053



drivers licence

US

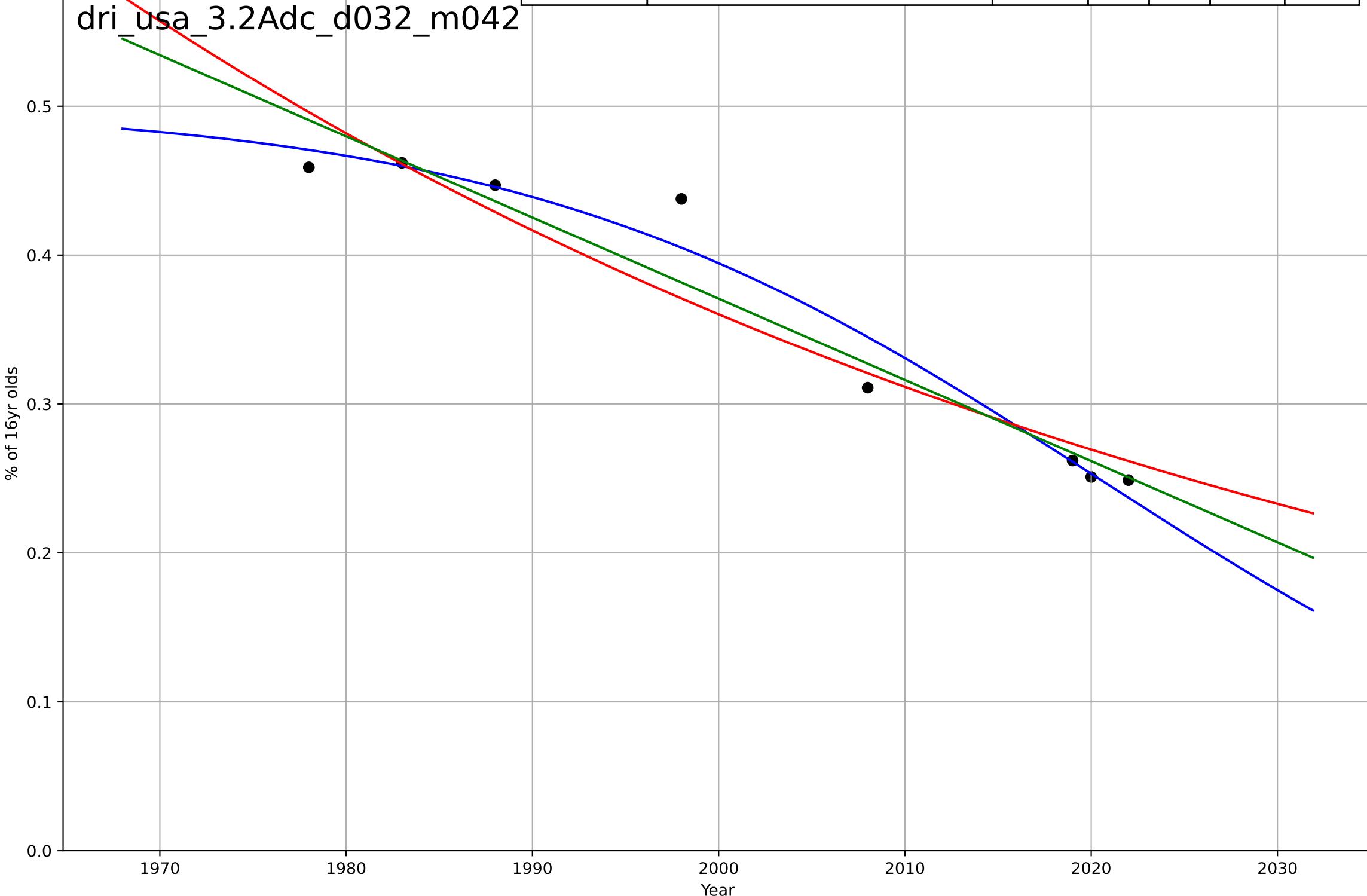
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of 16yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=-68.4, K=0.502$	-0.0643	0.964	0.937	0.0177	0.0121
Exponential	$2.96 \cdot \exp(-0.0145 \cdot (x-1855))$	-0.0145	0.902	0.862	0.0294	0.0219
Linear	intercept=11.3, slope=-0.00545	-0.00545	0.933	0.907	0.0242	0.0167

dri\_usa\_3.2Adc\_d032\_m042



drivers licence

US

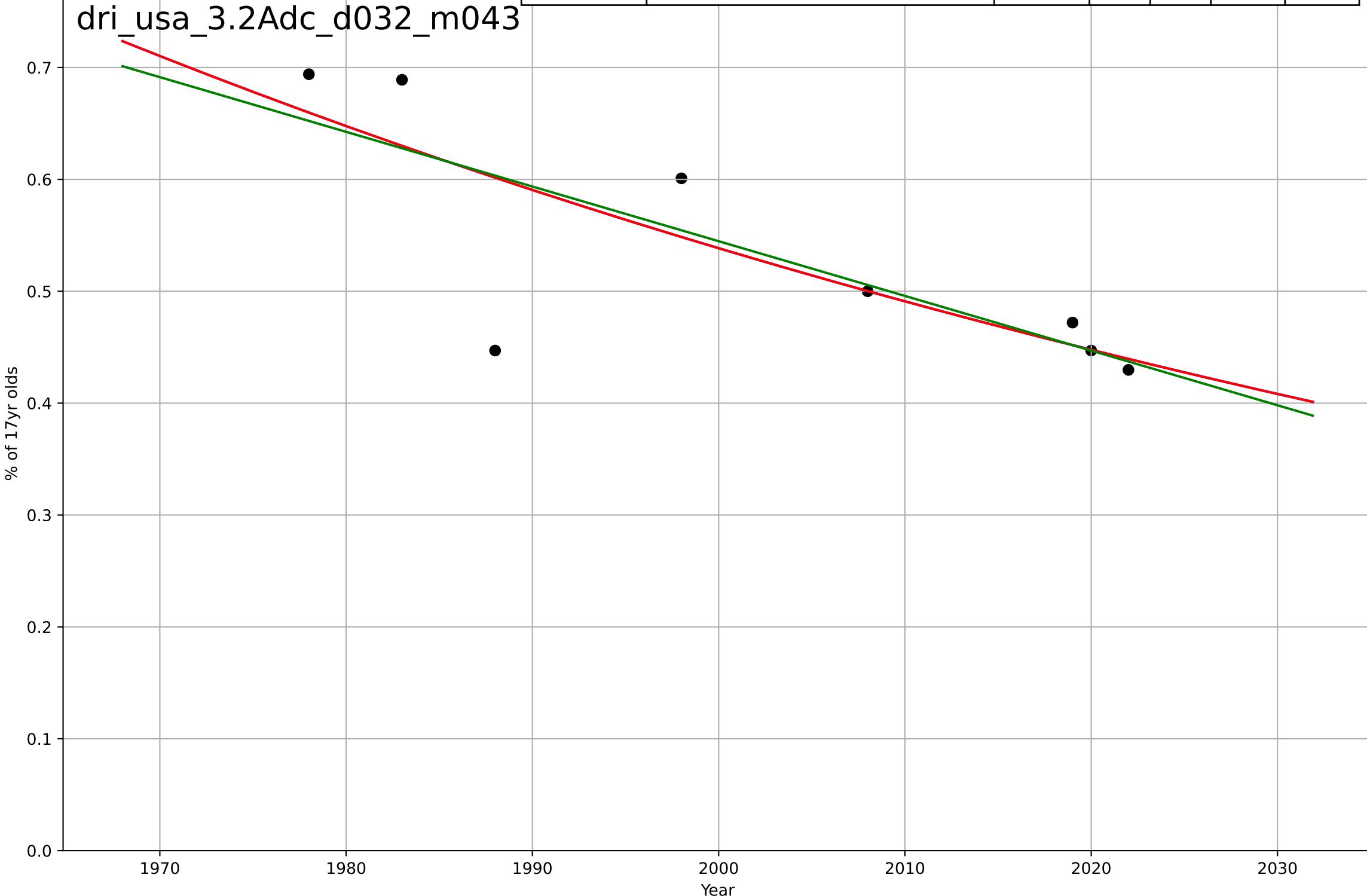
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of 17yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1079, D_t=-476, K=2.65e+03$	-0.00923	0.626	0.346	0.063	0.0414
Exponential	$5.45 \cdot \exp(-0.00923 \cdot (x-1749))$	-0.00923	0.626	0.477	0.063	0.0414
Linear	intercept=10.3, slope=-0.00489	-0.00489	0.617	0.464	0.0638	0.0424

dri\_usa\_3.2Adc\_d032\_m043



drivers licence

US

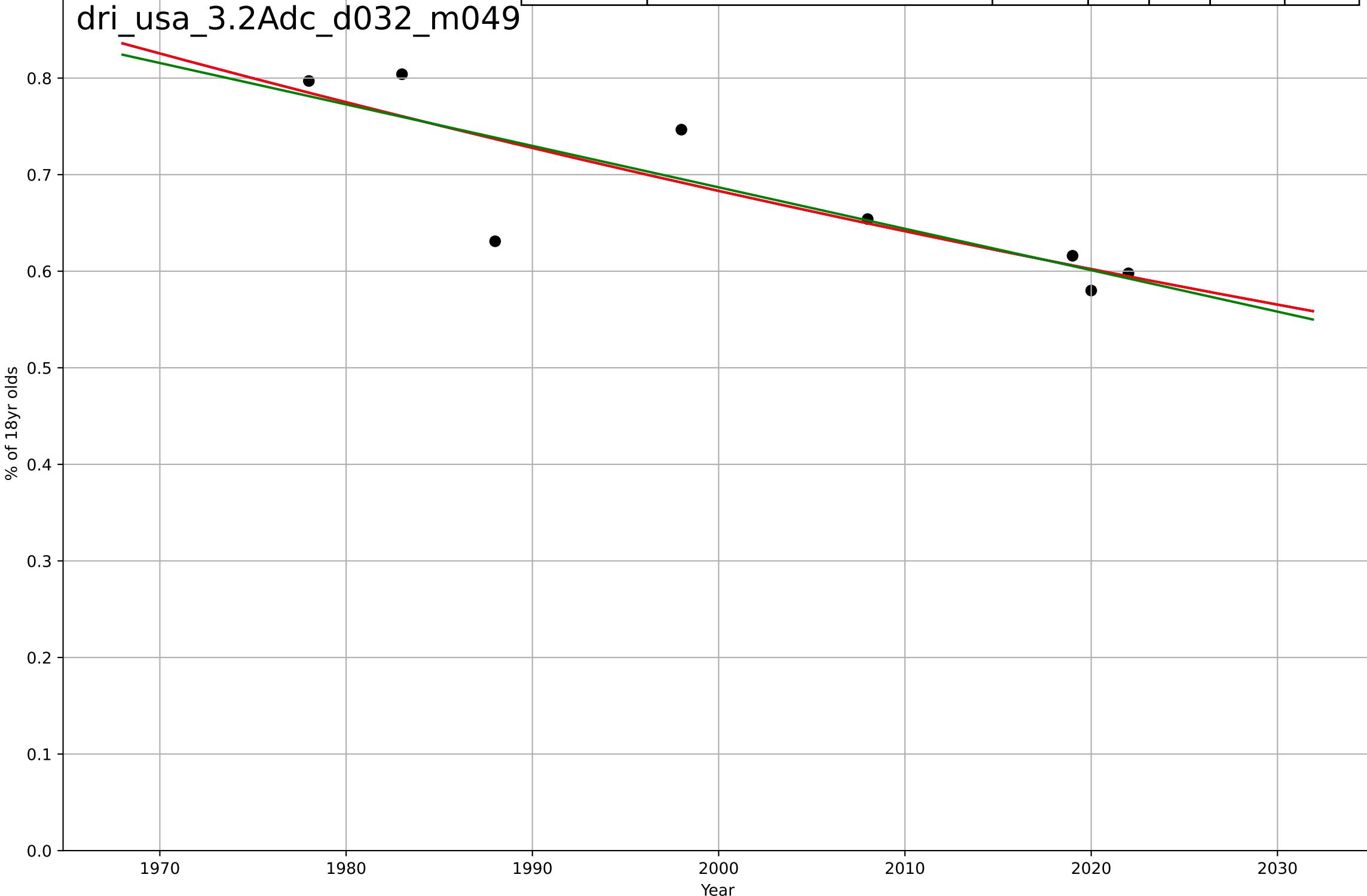
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of 18yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1000, Dt=-696, K=380	-0.00632	0.706	0.486	0.0459	0.032
Exponential	0.197*exp(-0.00631*(x-2197))	-0.00631	0.706	0.589	0.0459	0.032
Linear	intercept=9.27, slope=-0.00429	-0.00429	0.705	0.587	0.046	0.0321

dri\_usa\_3.2Adc\_d032\_m049



drivers licence

US

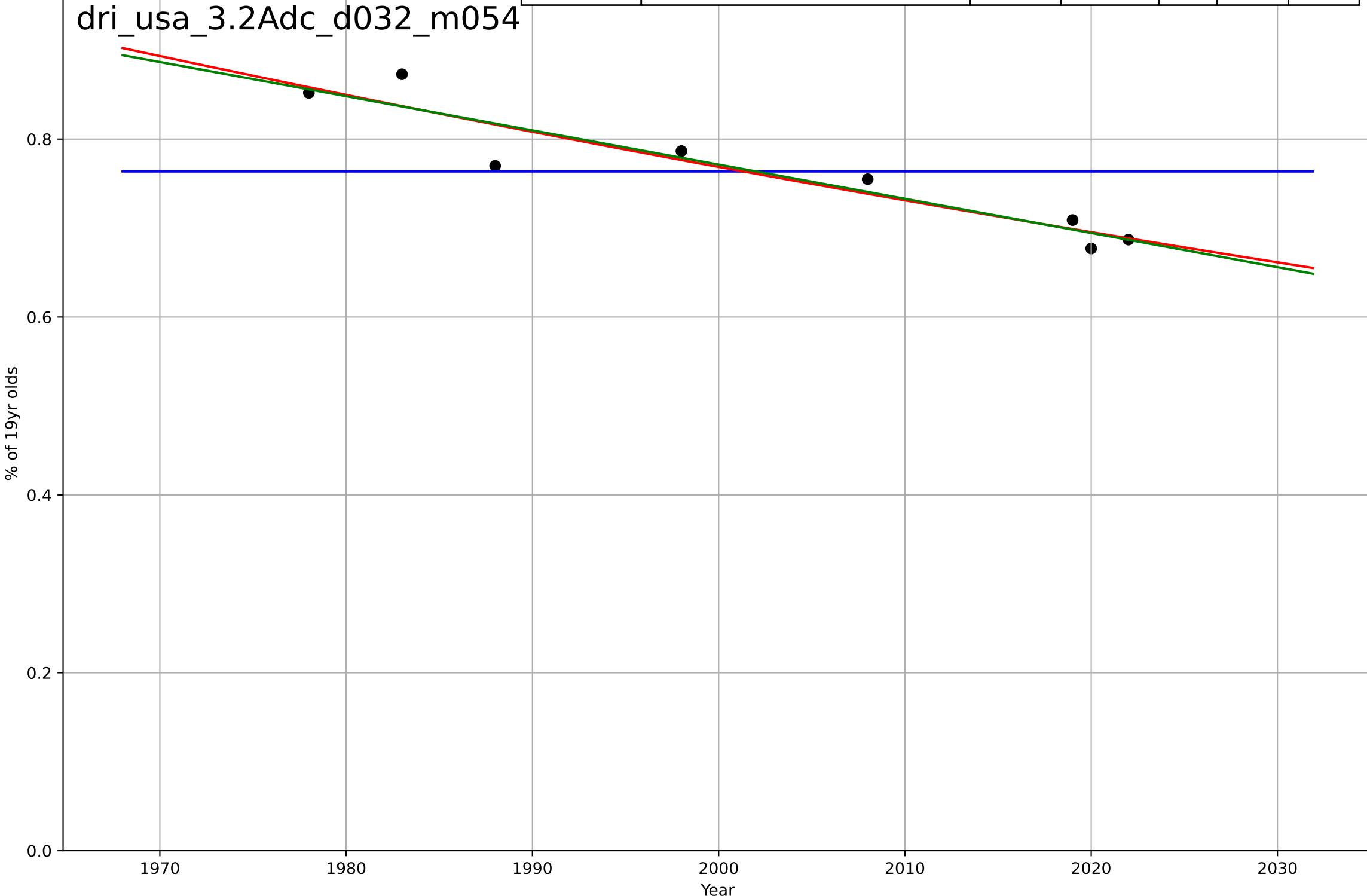
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of 19yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=279, Dt=235, K=0.764	0.0187	-6.26e-11	-0.75	0.0678	0.0567
Exponential	0.895*exp(-0.00501*(x-1970))	-0.00501	0.883	0.836	0.0232	0.0181
Linear	intercept=8.46, slope=-0.00384	-0.00384	0.884	0.837	0.0231	0.0173

dri\_usa\_3.2Adc\_d032\_m054



drivers licence

US

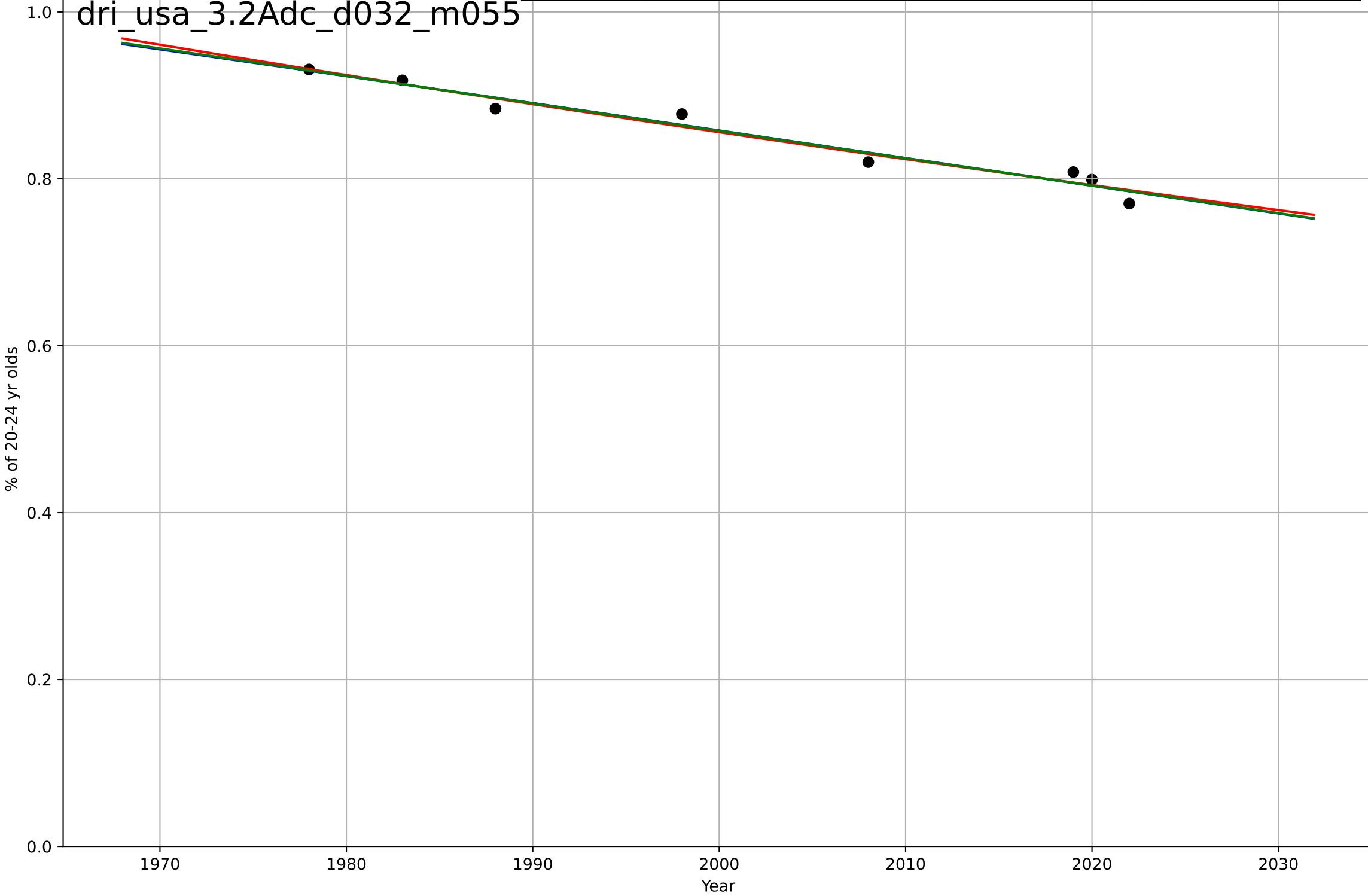
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of 20-24 yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=-525, K=1.58	-0.00838	0.962	0.934	0.0108	0.00984
Exponential	1.17*exp(-0.00385*(x-1919))	-0.00385	0.962	0.946	0.0109	0.00963
Linear	intercept=7.43, slope=-0.00329	-0.00329	0.962	0.947	0.0108	0.00978

dri\_usa\_3.2Adc\_d032\_m055



drivers licence

US

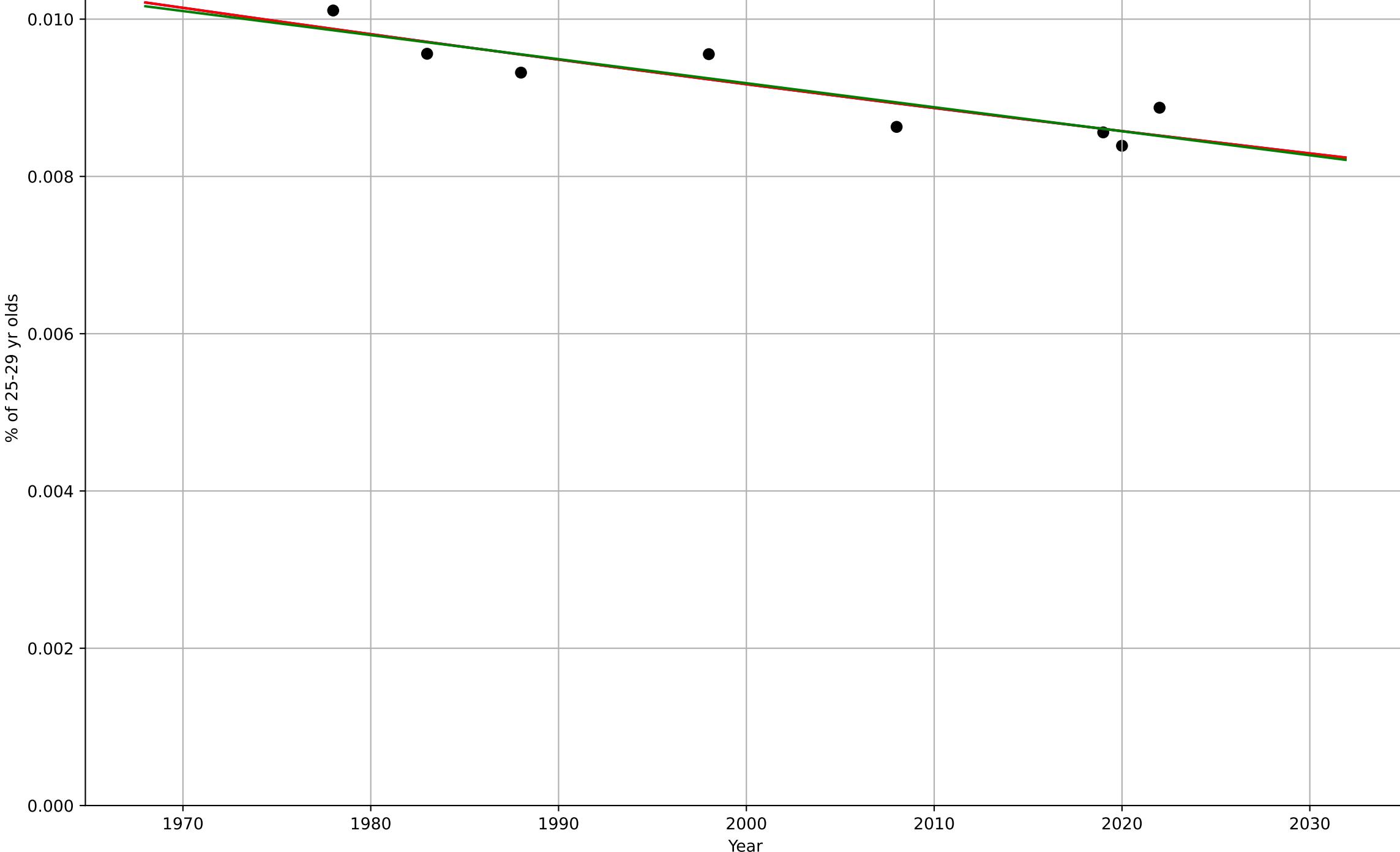
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age group

% of 25-29 yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=821, Dt=-1.29e+03, K=0.526	-0.00342	0.81	0.667	0.000246	0.000228
Exponential	0.143*exp(-0.00336*(x-1182))	-0.00336	0.81	0.733	0.000246	0.000228
Linear	intercept=0.0703, slope=-3.06e-05	-3.06e-05	0.805	0.727	0.000249	0.00023

dri\_usa\_3.2Adc\_d032\_m056



drivers licence

US

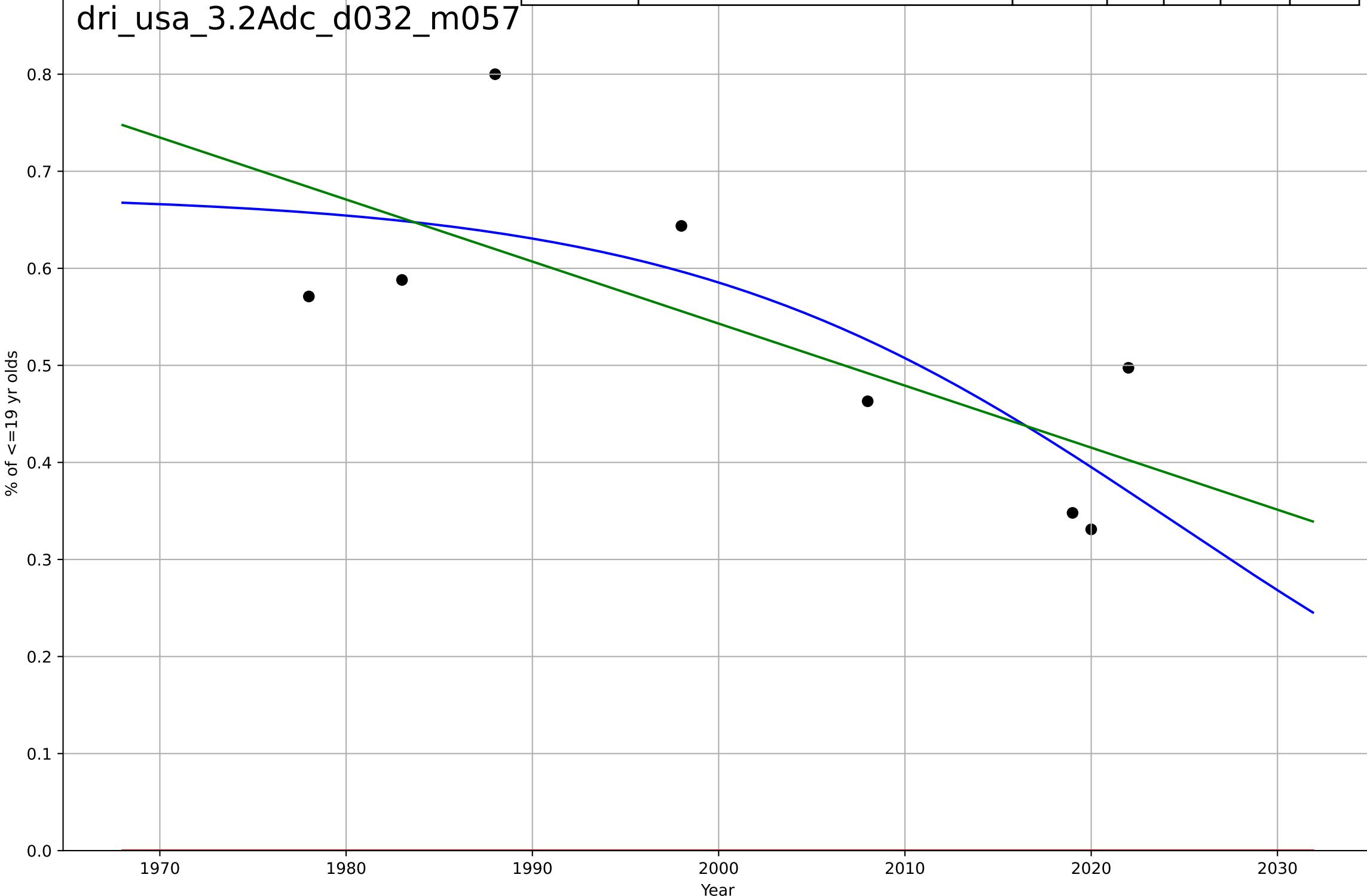
### 3.2 Adopter characteristics

% of population holding a drivers licence, by age

% of <=19 yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2024, Dt=-57.9, K=0.677	-0.0759	0.598	0.297	0.0922	0.084
Exponential	1.56e+03*exp(0.000339*(x-157416))	0.000339	-13.3	-19	0.55	0.53
Linear	intercept=13.3, slope=-0.00639	-0.00639	0.531	0.343	0.0996	0.0908

dri\_usa\_3.2Adc\_d032\_m057



drivers licence

US

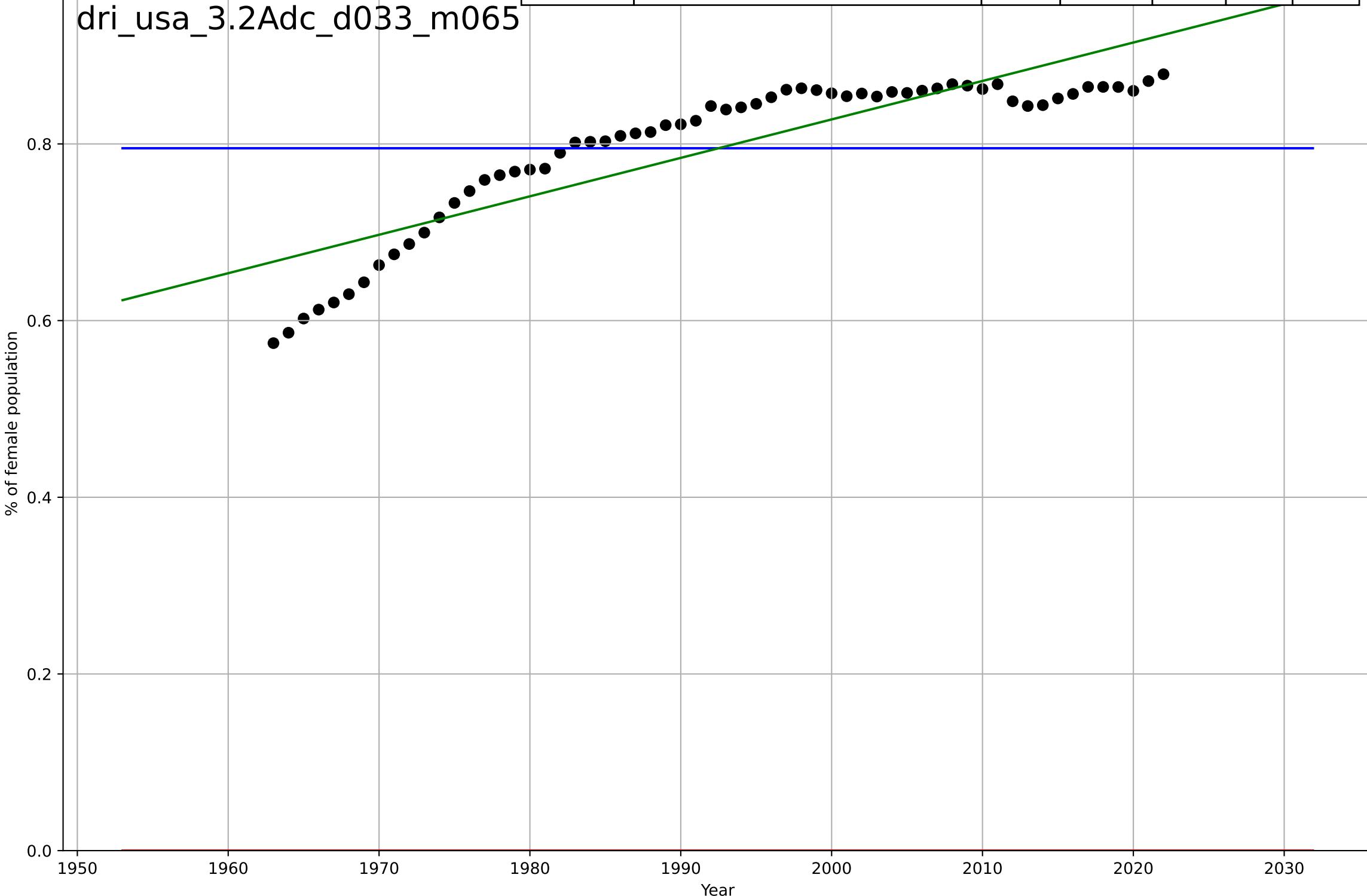
### 3.2 Adopter characteristics

% of population holding a drivers licence, by gender

% of female population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4077, D_t=-246, K=0.795$	-0.0179	-5.27e-12	-0.0536	0.0855	0.0695
Exponential	$1.56e+03 \cdot \exp(0.00134 \cdot (x-157414))$	0.00134	-86.4	-89.5	0.8	0.795
Linear	intercept=-7.88, slope=0.00435	0.00435	0.777	0.769	0.0404	0.0357

dri\_usa\_3.2Adc\_d033\_m065



drivers licence

US

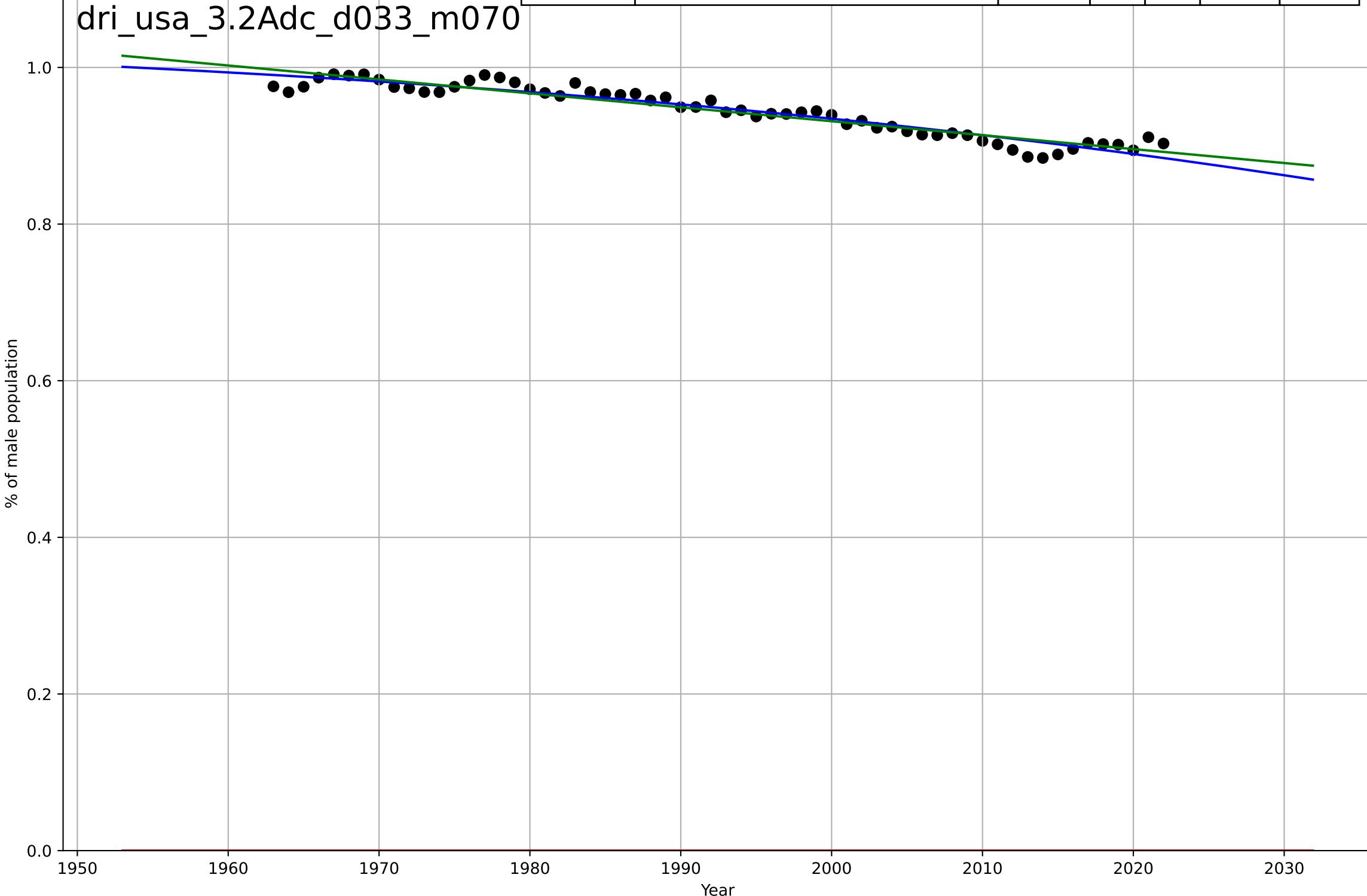
### 3.2 Adopter characteristics

% of population holding a drivers licence, by ge

% of male population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2112, D_t=-241, K=1.06$	-0.0183	0.915	0.91	0.00948	0.00753
Exponential	$1.56e+03 \cdot \exp(0.000739 \cdot (x-157394))$	0.000739	-847	-876	0.945	0.945
Linear	intercept=4.49, slope=-0.00178	-0.00178	0.9	0.897	0.0102	0.00789

dri\_usa\_3.2Adc\_d033\_m070



drivers licence

US

4.2 Knowledge Flows (Mass Media)

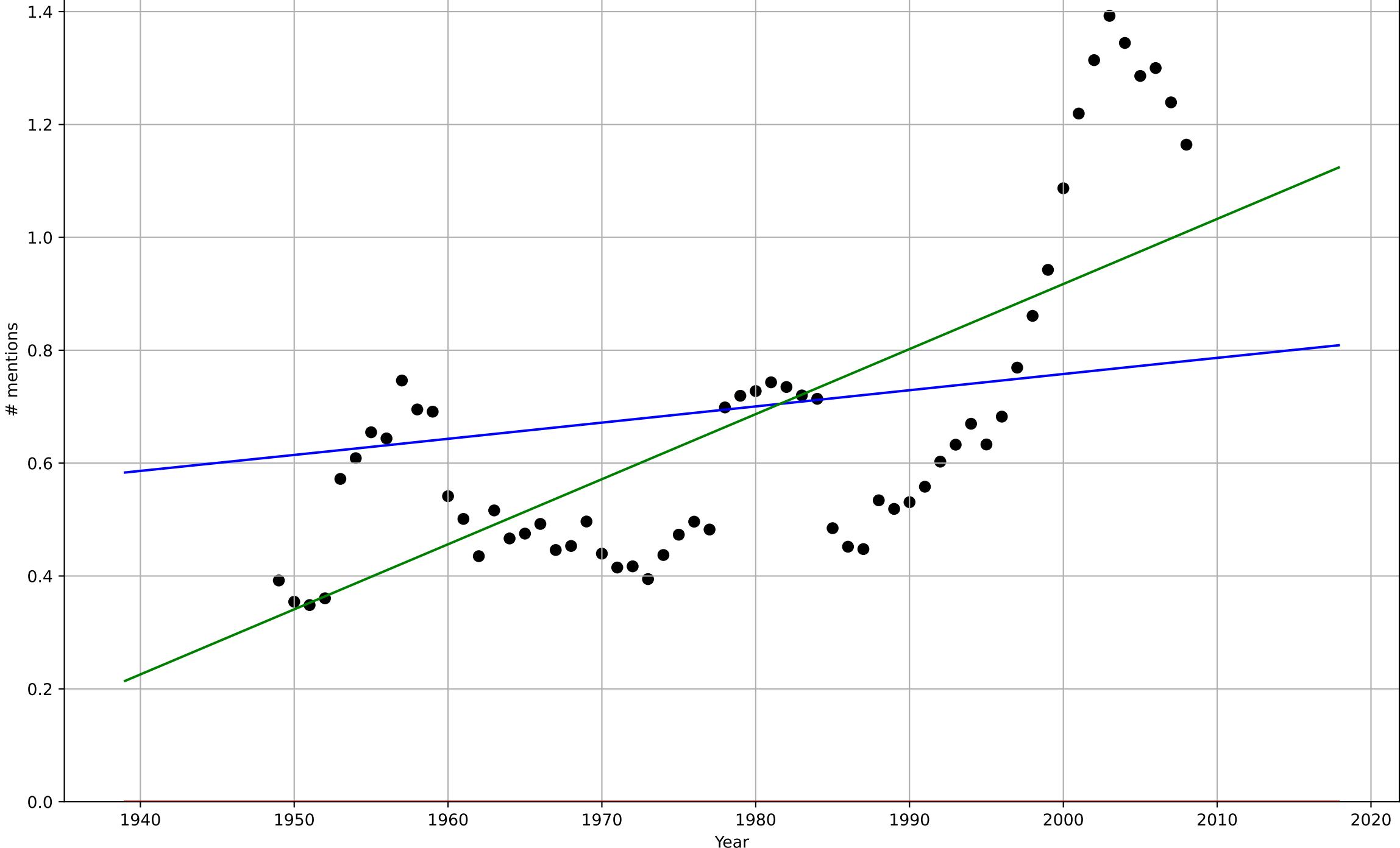
Number of times "Drivers license" appears in books

# mentions

1e-8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1978, D_t=531, K=1.39e-08$	0.00828	0.211	0.169	2.5e-09	1.98e-09
Exponential	$0.00283 \cdot \exp(0.00532 \cdot (x-10672))$	0.00532	-5.67	-5.91	7.26e-09	6.69e-09
Linear	intercept=-2.21e-07, slope=1.15e-10	1.15e-10	0.505	0.487	1.98e-09	1.62e-09

dri\_usa\_4.2Kme\_d143\_m014



drivers licence

US

4.2 Knowledge Flows (Mass Media)

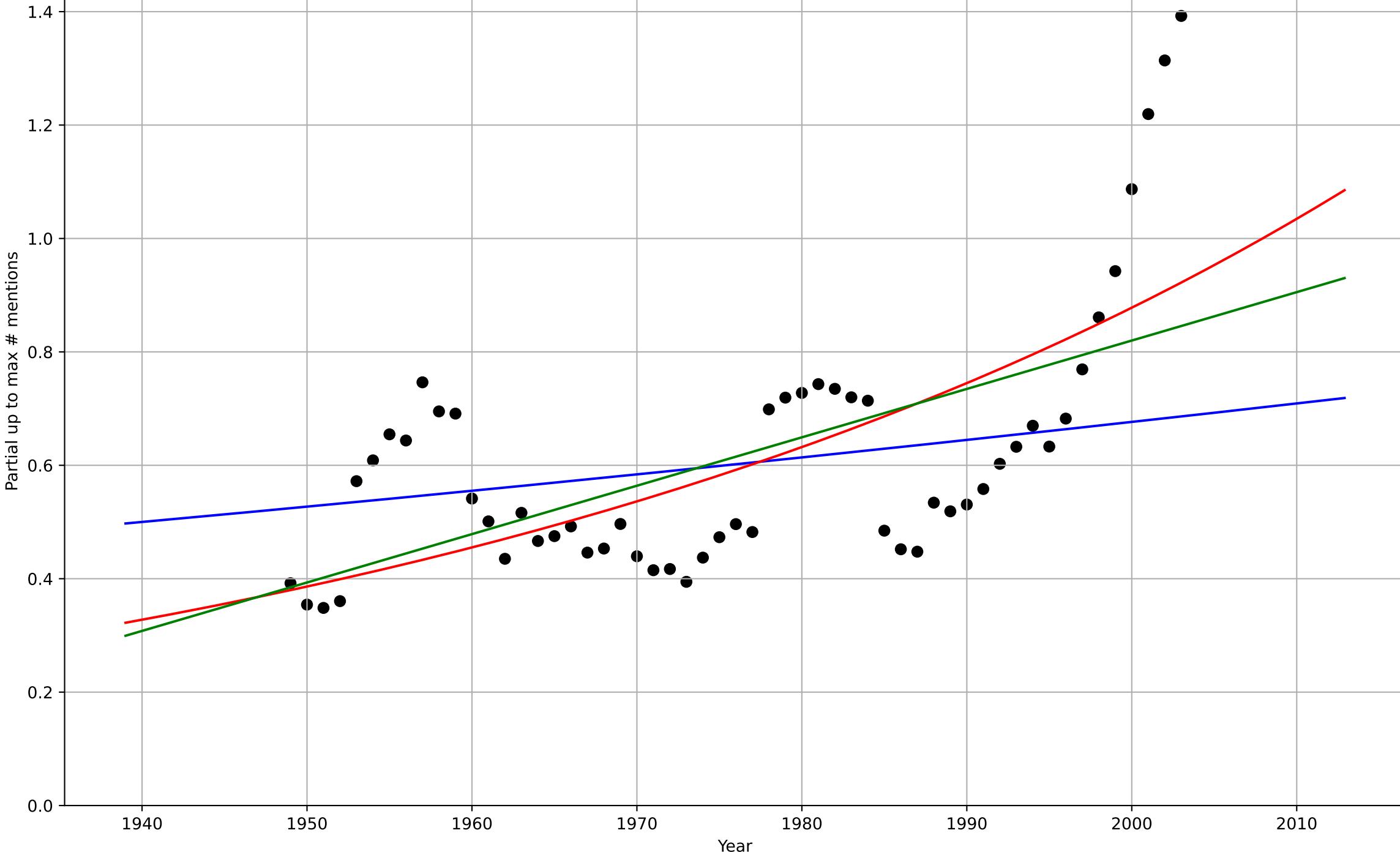
Partial up to max Number of times "Drivers licen

Partial up to max # mentions

1e-8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2121, Dt=643, K=2.23e-08$	0.00683	0.212	0.166	1.99e-09	1.49e-09
Exponential	$24.4 \cdot \exp(0.0164 \cdot (x-3324))$	0.0164	0.426	0.404	1.7e-09	1.37e-09
Linear	intercept=-1.62e-07, slope=8.53e-11	8.53e-11	0.364	0.339	1.79e-09	1.43e-09

dri\_usa\_4.2Kme\_d255\_m165



drivers licence

US

4.3 Compatibility

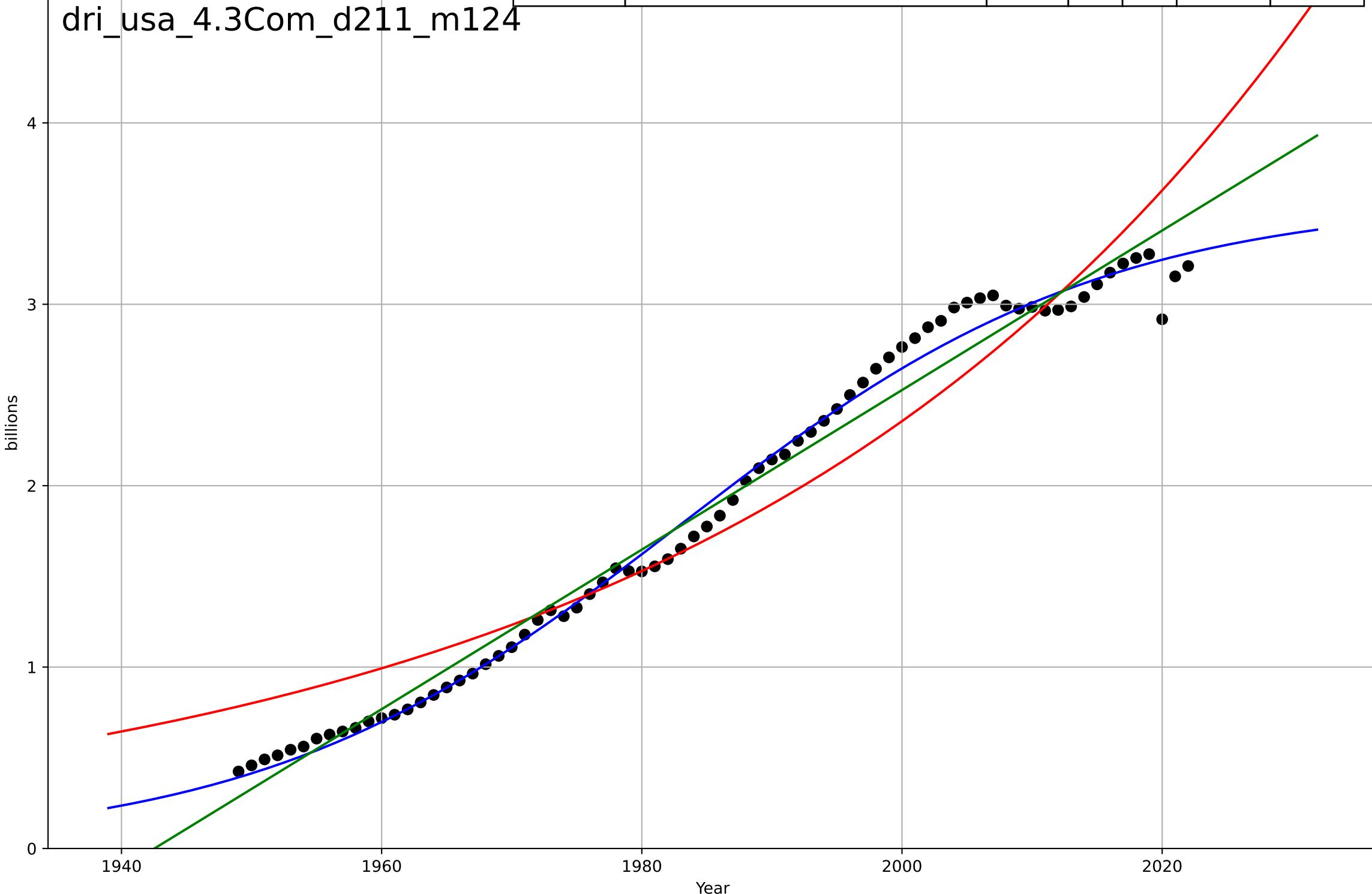
Vehicle Miles of Travel (VMT)

billions

1e6

dri\_usa\_4.3Com\_d211\_m124

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1983, D_t=71.4, K=3.58e+06$	0.0615	0.992	0.992	8.33e+04	6.08e+04
Exponential	$72.2 \cdot \exp(0.0216 \cdot (x-1519))$	0.0216	0.919	0.917	2.7e+05	2.26e+05
Linear	intercept=-8.54e+07, slope=4.4e+04	4.4e+04	0.978	0.977	1.41e+05	1.13e+05



drivers licence

US

4.5 Infrastructure Dependence

Total public road mileage

million miles

1e6

dri\_usa\_4.5Inf\_d199\_m141

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1906, D_t=152, K=4.29e+06$	0.0289	0.959	0.958	4.9e+04	4.27e+04
Exponential	$5.88e+03 \cdot \exp(0.00283 \cdot (x - 304))$	0.00283	0.918	0.916	6.95e+04	5.51e+04
Linear	intercept=-1.79e+07, slope=1.1e+04	1.1e+04	0.927	0.925	6.56e+04	5.28e+04

million miles

1940

1960

1980

2000

2020

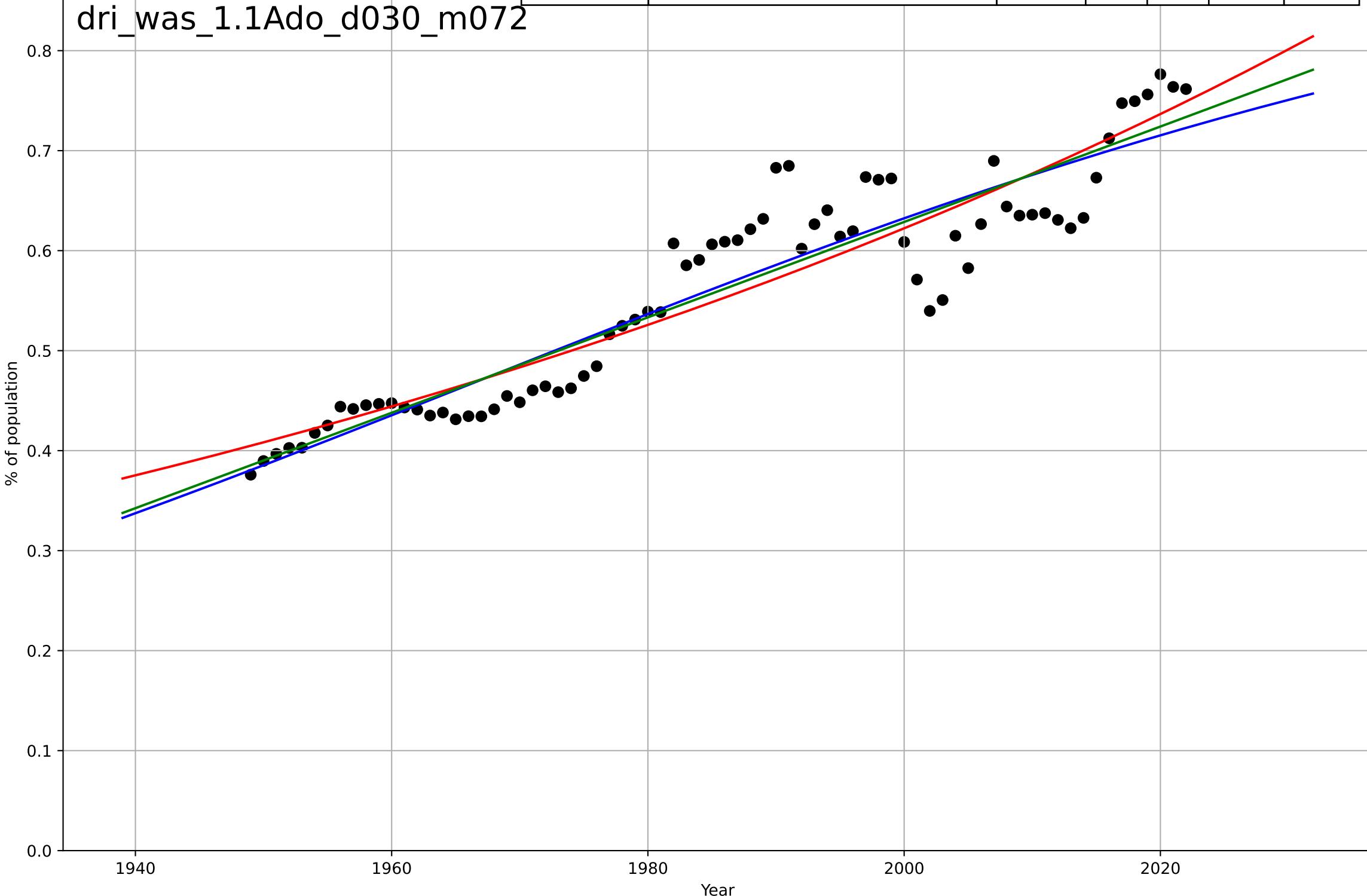
Year

drivers licence  
Washington DC  
1.1 Adoption over time

% of population (residents) holding a drivers licence  
% of population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1967, D_t=204, K=0.946$	0.0215	0.862	0.856	0.0408	0.0334
Exponential	$0.609 \cdot \exp(0.00843 \cdot (x-1997))$	0.00843	0.851	0.847	0.0424	0.0344
Linear	intercept=-8.91, slope=0.00477	0.00477	0.861	0.857	0.041	0.0332

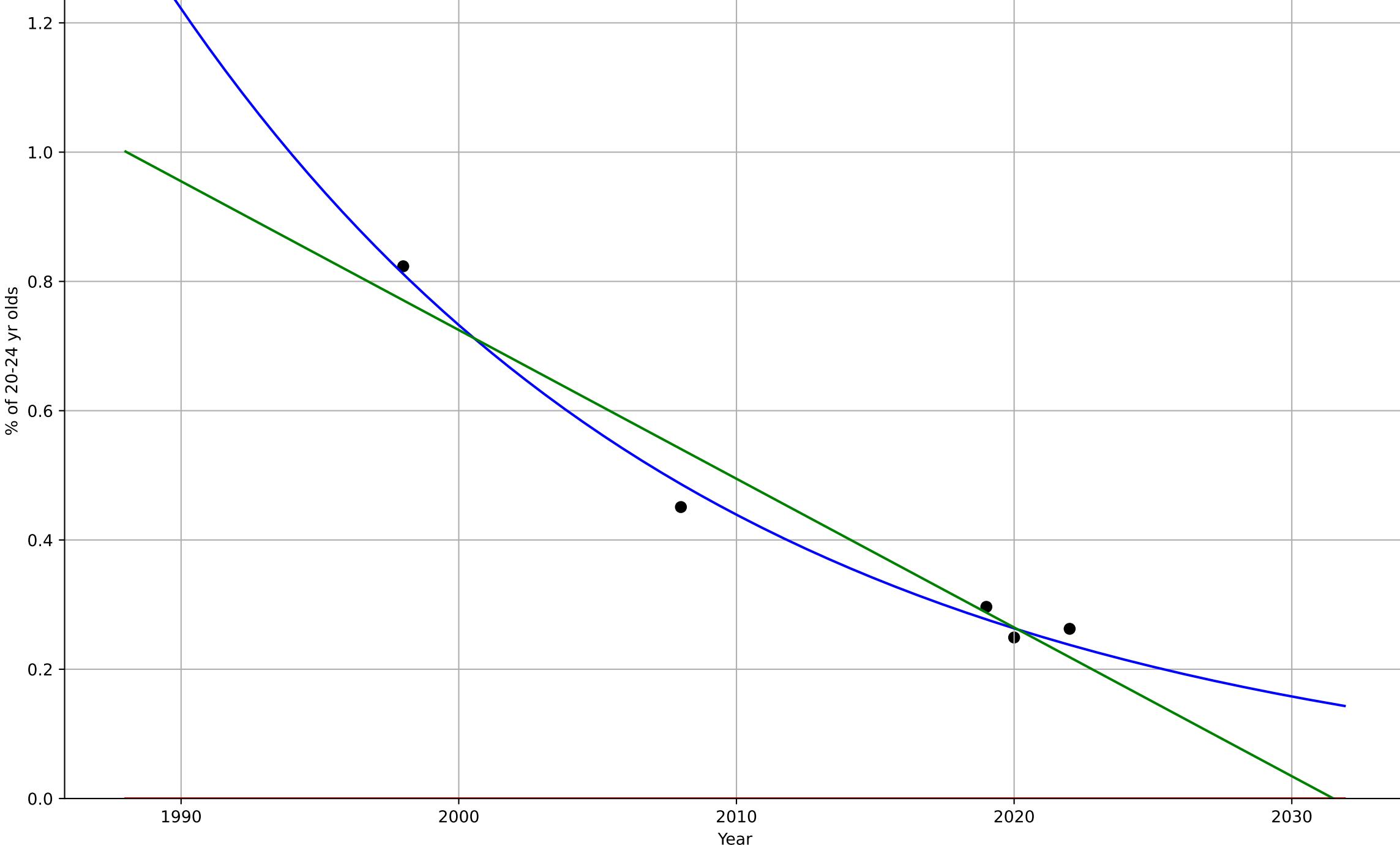
dri\_was\_1.1Ado\_d030\_m072



drivers licence  
 Washington DC  
 3.2 Adopter characteristics  
 % of population holding a drivers licence, by age  
 % of 20-24 yr olds

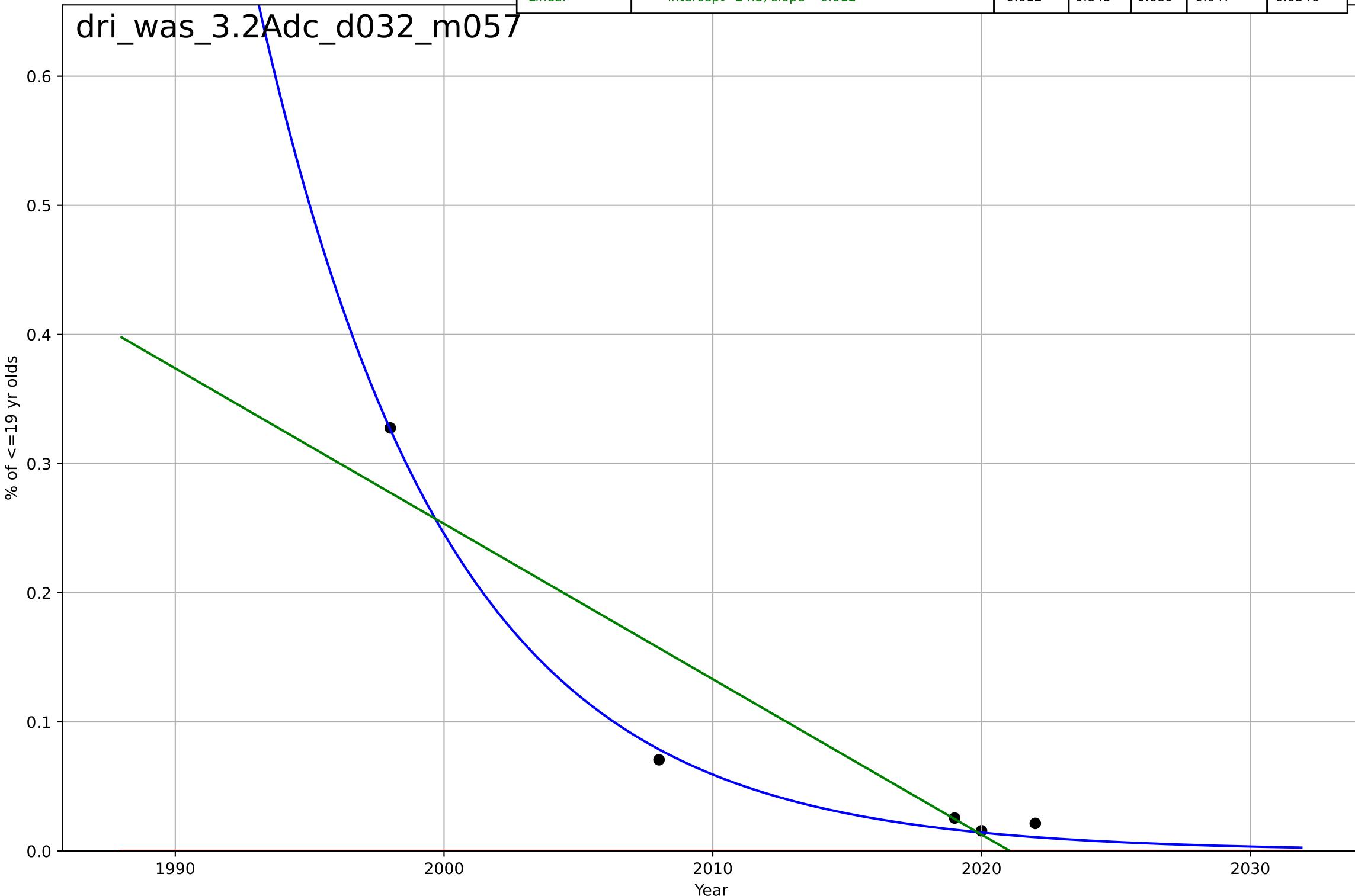
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1757, D_t=-85.9, K=1.85e+05$	-0.0512	0.989	0.955	0.0228	0.0212
Exponential	$-1.54e+03 \cdot \exp(-0.00121 \cdot (x - 152666))$	-0.00121	-3.72	-8.45	0.469	0.416
Linear	intercept=46.7, slope=-0.023	-0.023	0.944	0.888	0.0512	0.0422

dri\_was\_3.2Adc\_d032\_m055



drivers licence  
 Washington DC  
 3.2 Adopter characteristics  
 % of population holding a drivers licence, by age  
 % of <=19 yr olds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1913, D_t=-30.9, K=6.13e+04$	-0.142	0.996	0.985	0.00726	0.00605
Exponential	$-1.54e+03 \cdot \exp(-0.0535 \cdot (x - 152617))$	-0.0535	-0.597	-2.19	0.151	0.0922
Linear	intercept=24.3, slope=-0.012	-0.012	0.845	0.689	0.047	0.0346

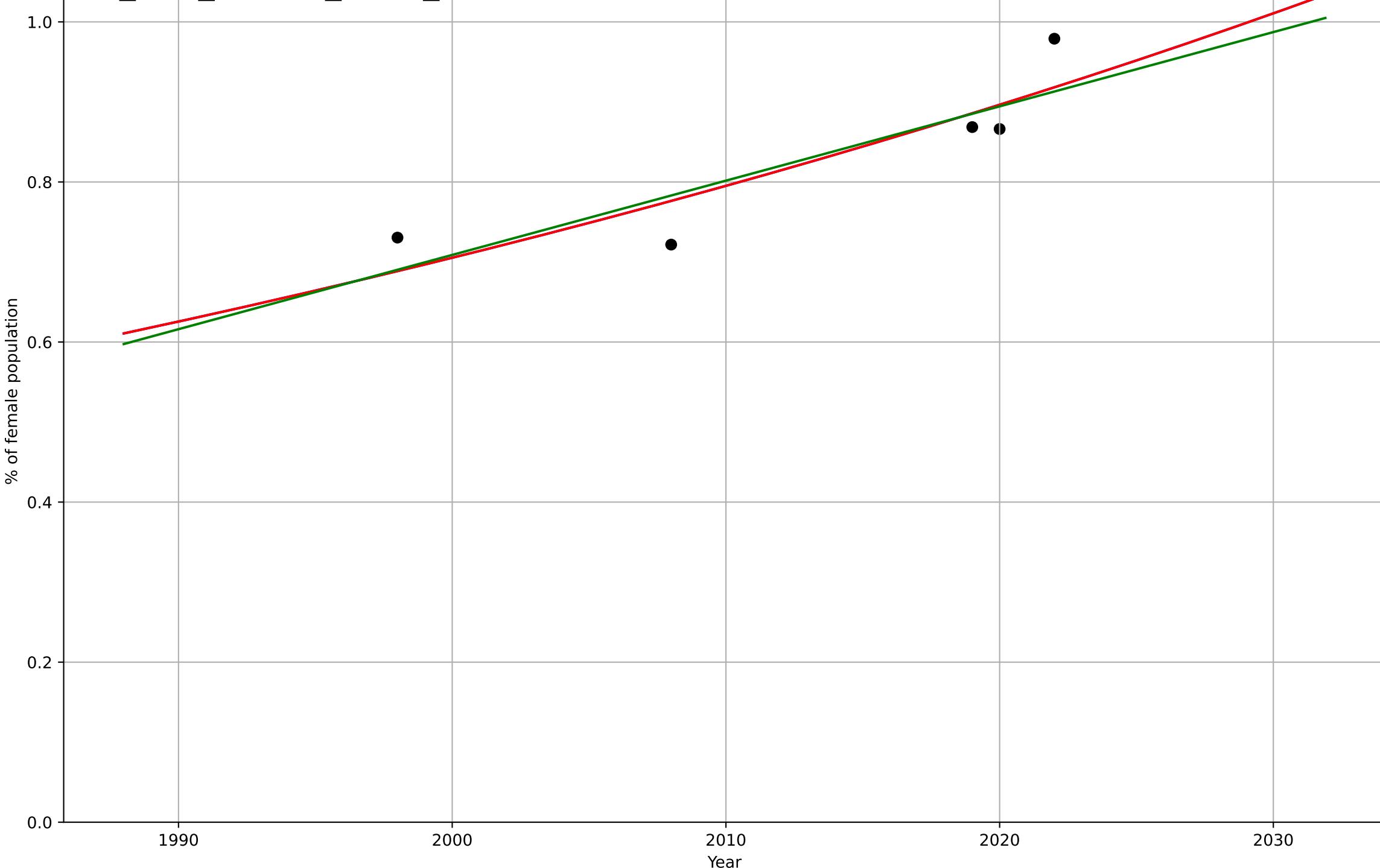


drivers licence  
Washington DC  
3.2 Adopter characteristics

% of population holding a drivers licence, by gender  
% of female population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2827, D_t=366, K=1.43e+04$	0.012	0.793	0.172	0.0439	0.0409
Exponential	$4.28 \cdot \exp(0.012 \cdot (x-2150))$	0.012	0.793	0.586	0.0439	0.0409
Linear	intercept=-17.9, slope=0.00928	0.00928	0.768	0.536	0.0465	0.0425

dri\_was\_3.2Adc\_d033\_m065

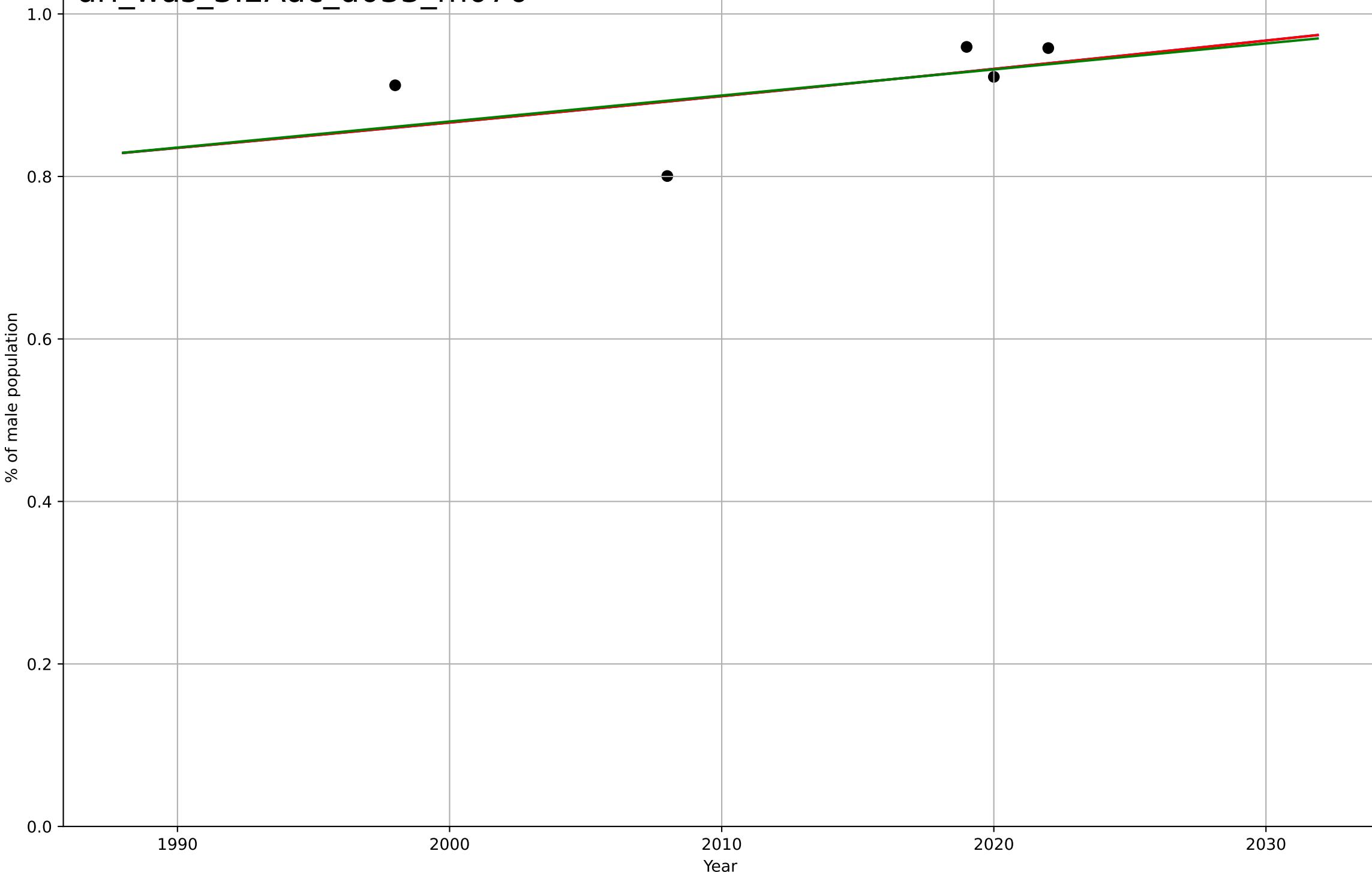


drivers licence  
Washington DC  
3.2 Adopter characteristics

% of population holding a drivers licence, by gender  
% of male population

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4084, D_t=1.2e+03, K=1.84e+03$	0.00368	0.26	-1.96	0.05	0.0406
Exponential	$3.43 \cdot \exp(0.00367 \cdot (x-2375))$	0.00367	0.26	-0.48	0.05	0.0406
Linear	intercept=-5.54, slope=0.0032	0.0032	0.252	-0.496	0.0503	0.0407

dri\_was\_3.2Adc\_d033\_m070



eating less meat

Germany

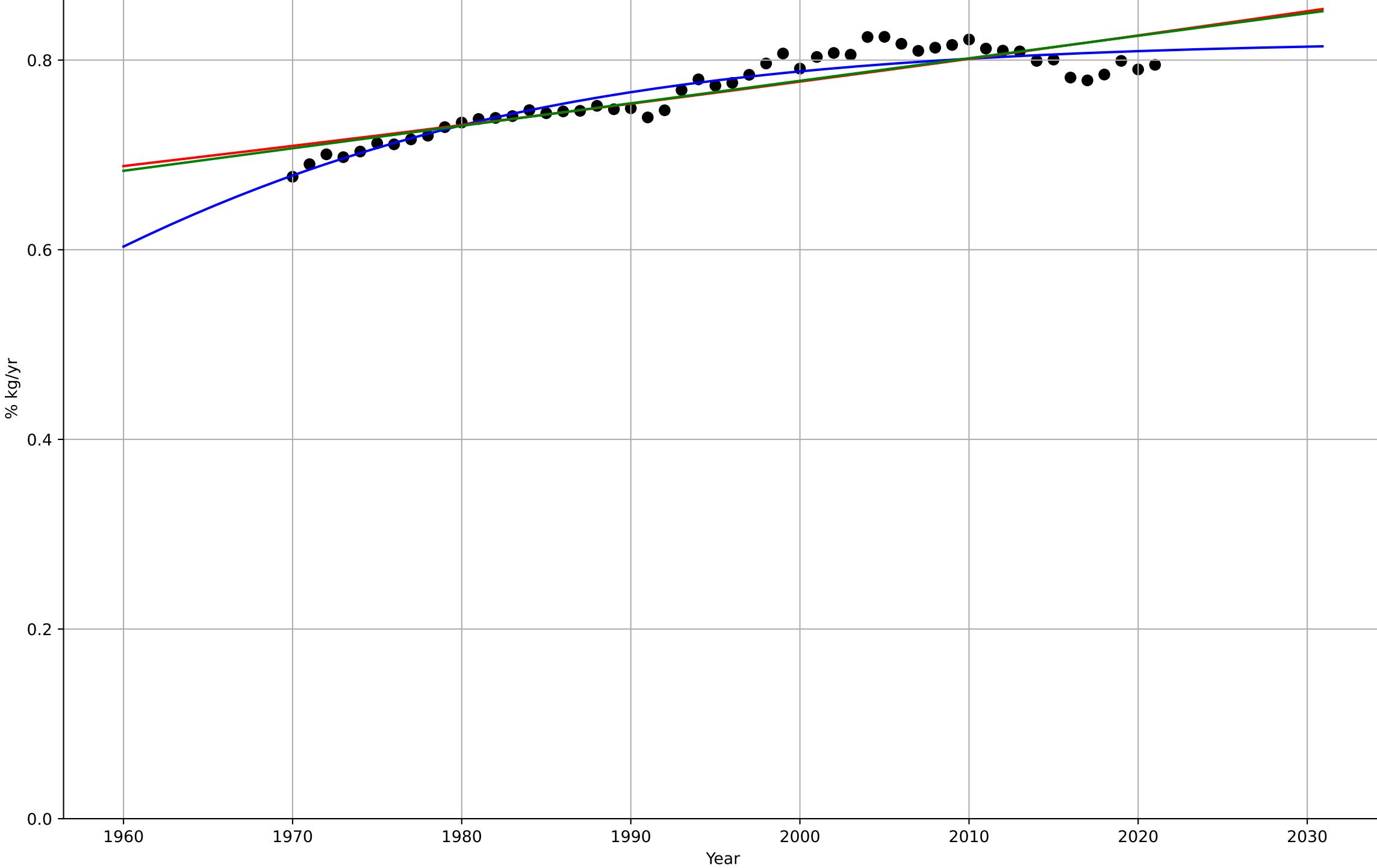
1.1 Adoption over time

% poultry+pig in total meat consumption

% kg/yr

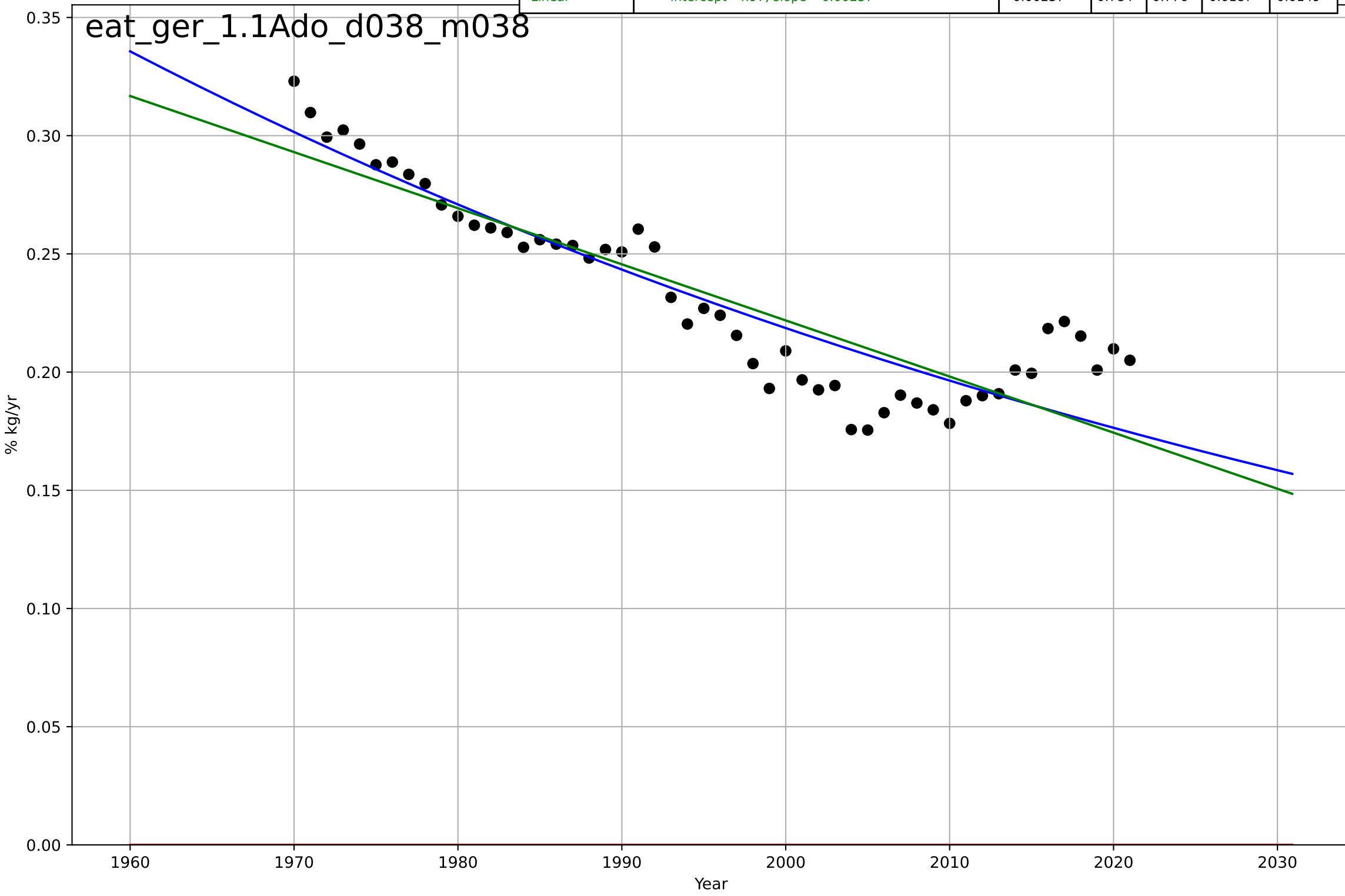
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1941, D_t=81.5, K=0.821$	0.0539	0.883	0.876	0.0137	0.0106
Exponential	$0.134 \cdot \exp(0.00304 \cdot (x-1421))$	0.00304	0.771	0.762	0.0192	0.0154
Linear	intercept=-3.97, slope=0.00237	0.00237	0.784	0.776	0.0187	0.0149

eat\_ger\_1.1Ado\_d037\_m038



eating less meat  
 Germany  
 1.1 Adoption over time  
 % red in total meat consumption  
 % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1032, D_t=-410, K=7.03e+03$	-0.0107	0.824	0.813	0.0169	0.013
Exponential	$1.56e+03 \cdot \exp(0.000752 \cdot (x - 157431))$	0.000752	-33.4	-34.8	0.236	0.233
Linear	intercept=4.97, slope=-0.00237	-0.00237	0.784	0.776	0.0187	0.0149



eating less meat  
 Germany  
 1.1 Adoption over time  
 per capita beef consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1837, D_t=-264, K=264$	-0.0167	0.779	0.766	2.19	1.87
Exponential	$29.3 \cdot \exp(-0.0155 \cdot (x-1962))$	-0.0155	0.779	0.77	2.19	1.87
Linear	intercept=557, slope=-0.27	-0.27	0.759	0.749	2.29	1.91

eat\_ger\_1.1Ado\_d223\_m137



eating less meat

Germany

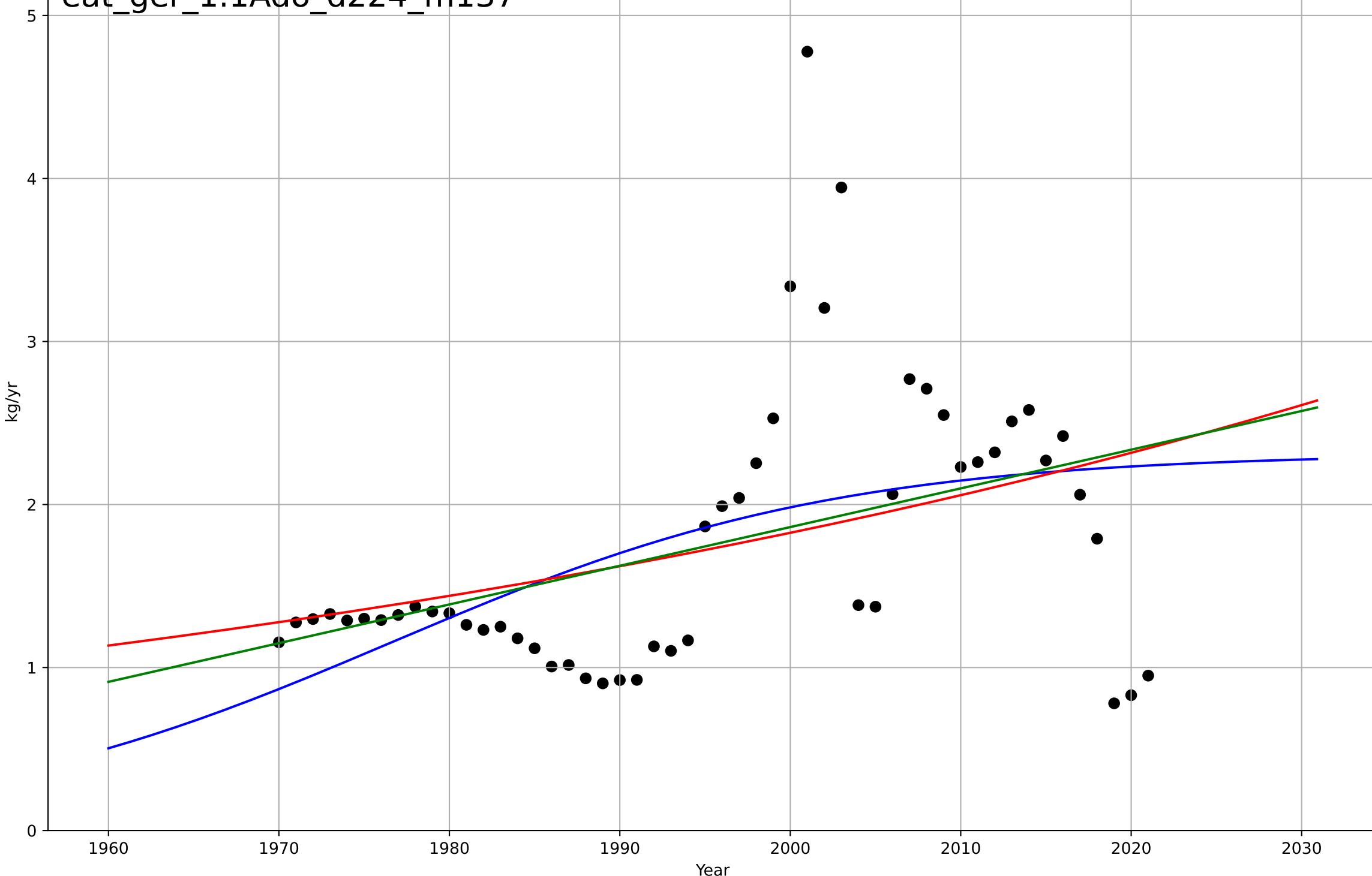
1.1 Adoption over time

per capita other meat consumption

kg/yr

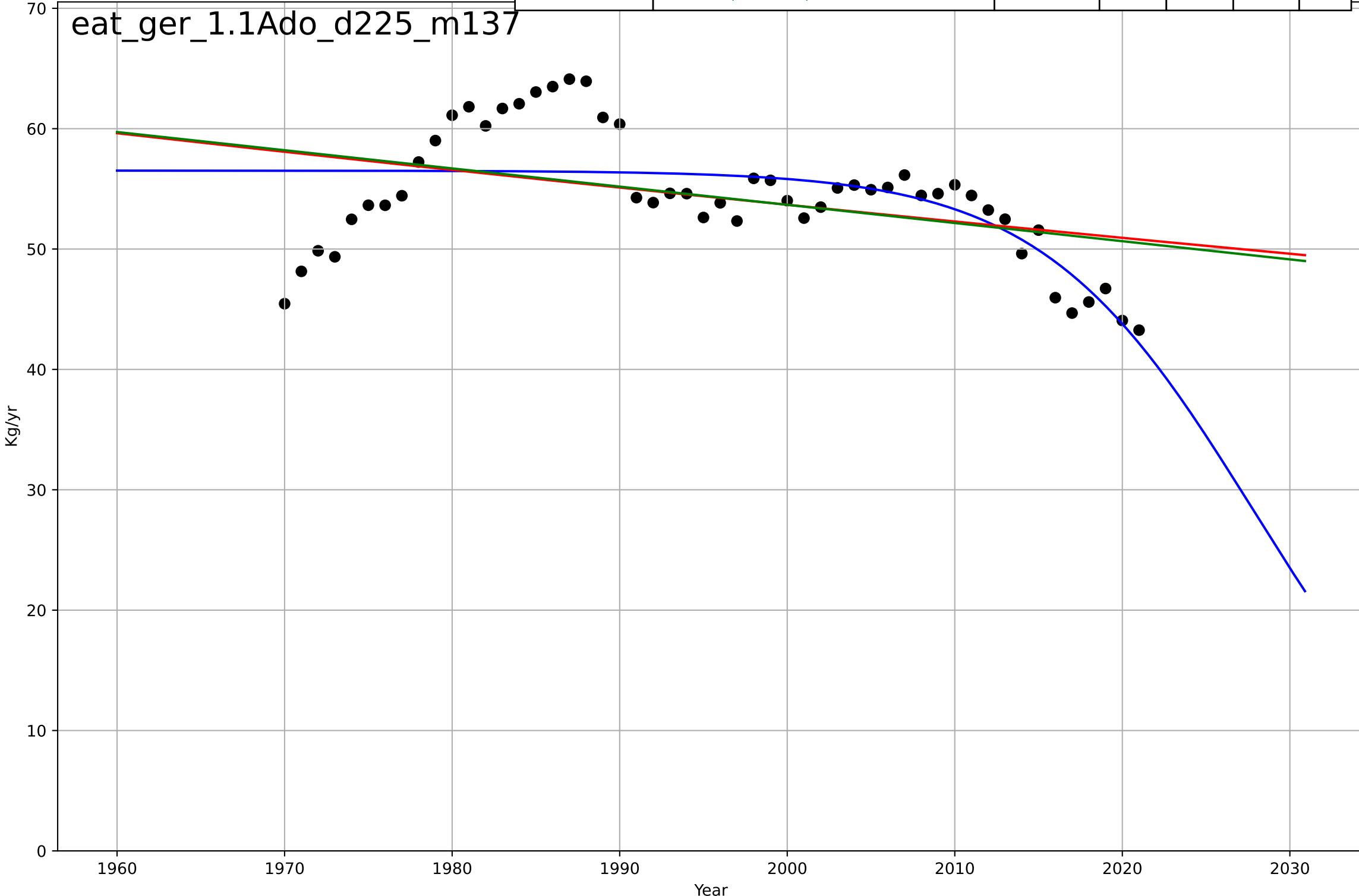
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1977, D_t=57.3, K=2.31$	0.0766	0.224	0.176	0.74	0.522
Exponential	$2.08 \cdot \exp(0.0119 \cdot (x-2011))$	0.0119	0.159	0.125	0.77	0.522
Linear	intercept=-45.6, slope=0.0237	0.0237	0.18	0.147	0.76	0.507

eat\_ger\_1.1Ado\_d224\_m137



eating less meat  
 Germany  
 1.1 Adoption over time  
 per capita pig consumption  
 Kg/yr

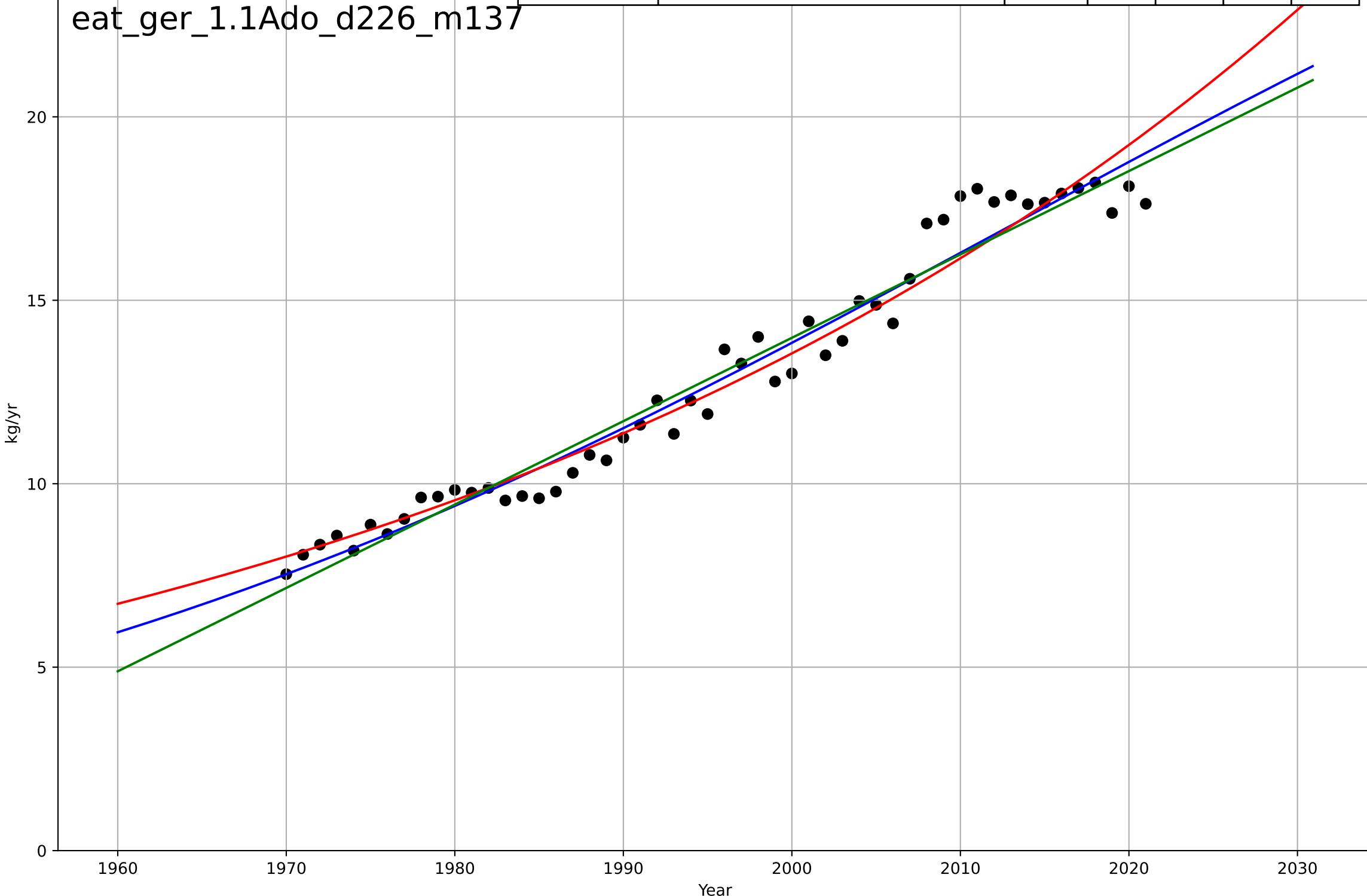
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2028, D_t=-27.9, K=56.5$	-0.158	0.448	0.413	3.94	3.02
Exponential	$95.9 \cdot \exp(-0.00263 \cdot (x-1779))$	-0.00263	0.173	0.14	4.81	3.79
Linear	intercept=356, slope=-0.151	-0.151	0.183	0.15	4.78	3.78



eating less meat  
 Germany  
 1.1 Adoption over time  
 per capita poultry consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=149, K=33.8$	0.0294	0.963	0.961	0.671	0.538
Exponential	$8.23 \cdot \exp(0.0175 \cdot (x-1972))$	0.0175	0.957	0.955	0.724	0.545
Linear	intercept=-441, slope=0.227	0.227	0.957	0.956	0.721	0.602

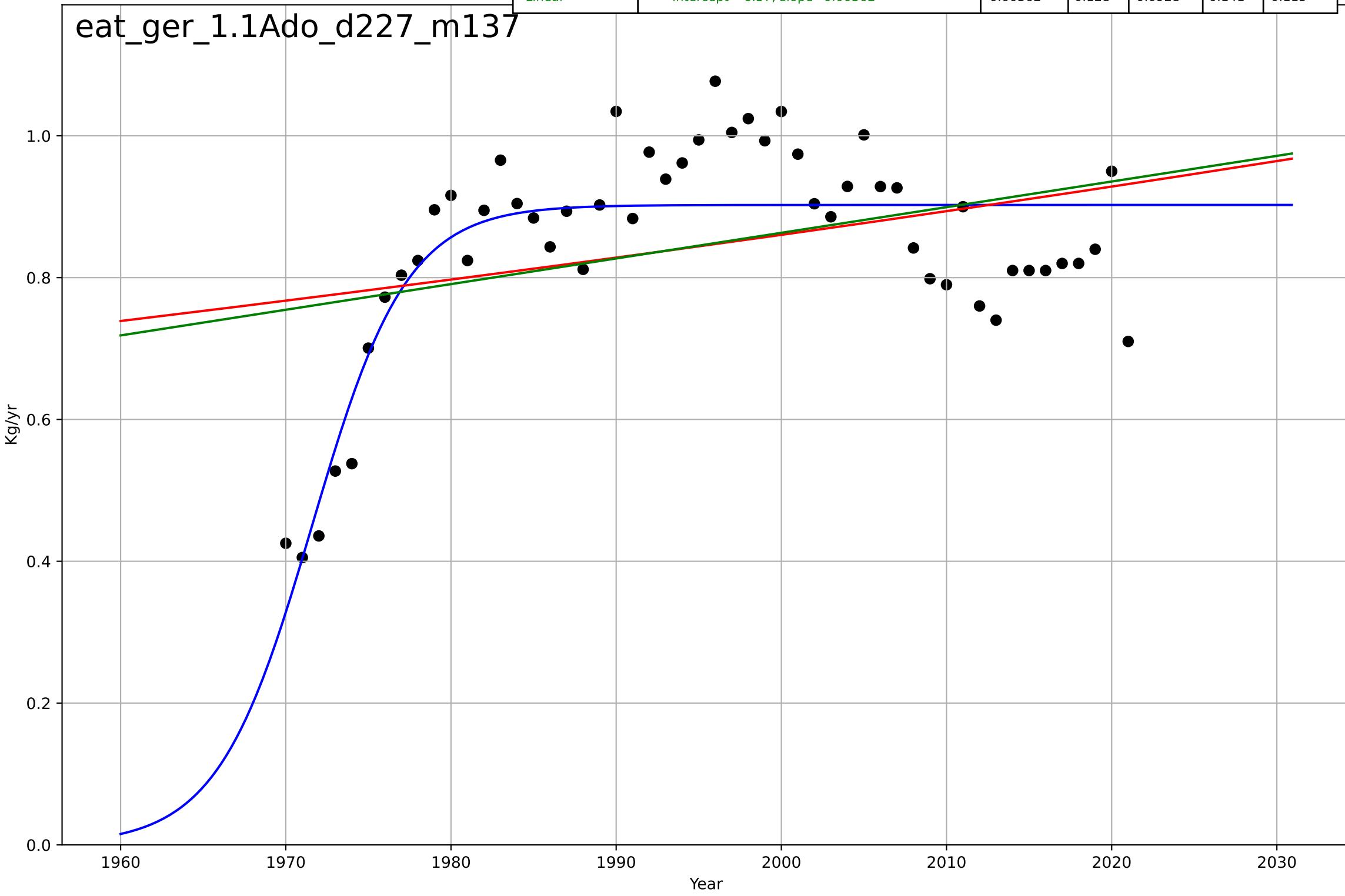
eat\_ger\_1.1Ado\_d226\_m137



eating less meat  
 Germany  
 1.1 Adoption over time  
 per capita sheep & goat consumption  
 Kg/yr

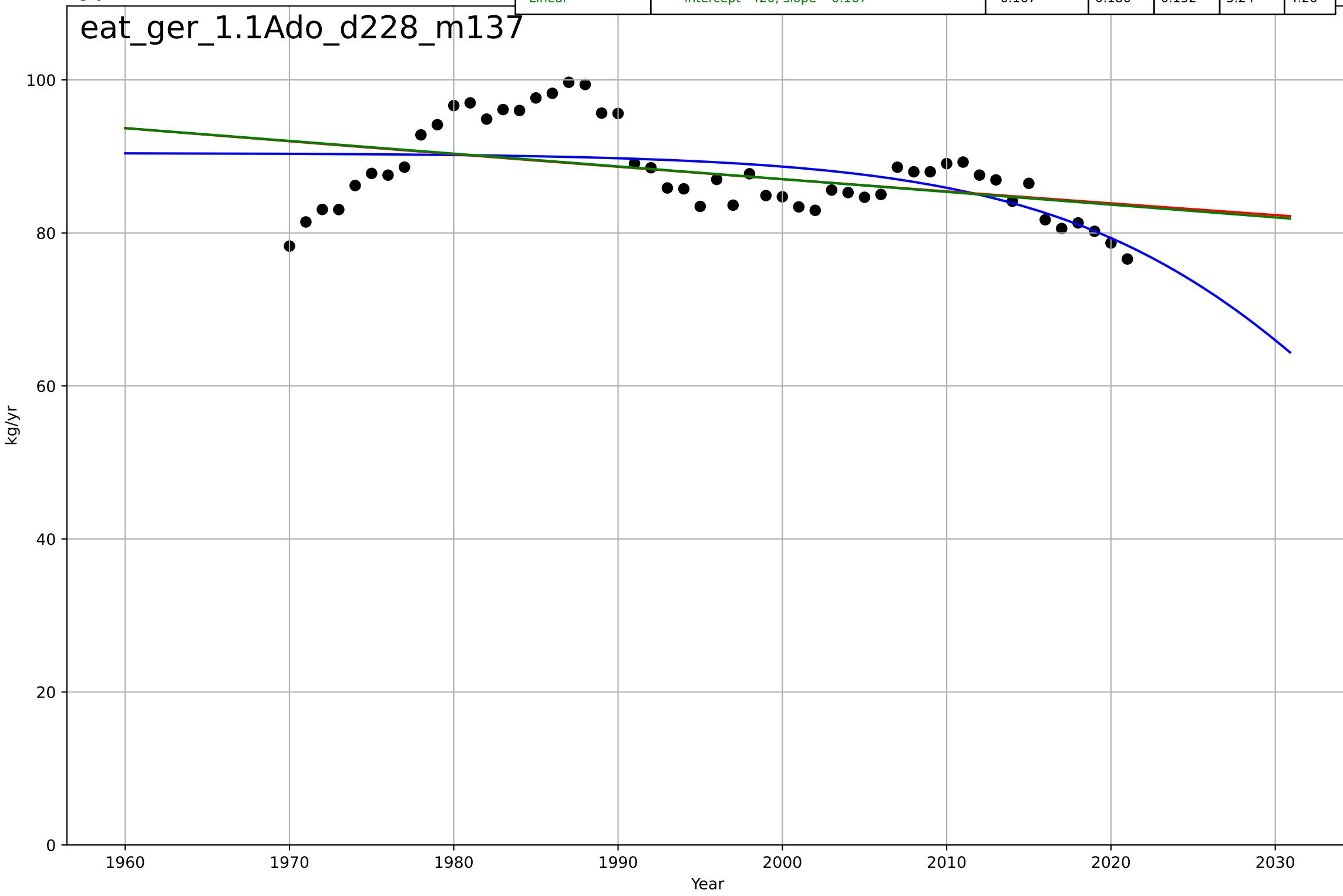
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1972, D_t=12.6, K=0.902$	0.349	0.714	0.697	0.081	0.0653
Exponential	$0.414 \cdot \exp(0.00381 \cdot (x-1808))$	0.00381	0.114	0.0782	0.143	0.115
Linear	intercept=-6.37, slope=0.00362	0.00362	0.128	0.0928	0.141	0.115

eat\_ger\_1.1Ado\_d227\_m137



eating less meat  
 Germany  
 1.1 Adoption over time  
 per capita total meat consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2040, D_t=-45.1, K=90.4$	-0.0974	0.304	0.26	4.85	3.99
Exponential	$153 \cdot \exp(-0.00185 \cdot (x-1696))$	-0.00185	0.181	0.147	5.26	4.27
Linear	intercept=420, slope=-0.167	-0.167	0.186	0.152	5.24	4.26



eating less meat

Germany

1.1 Adoption over time

Partial up to max % poultry+pig in total meat consumption

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=3620, Dt=912, K=1.96e+03$	0.00482	0.954	0.95	0.00826	0.00635
Exponential	$9.66 \cdot \exp(0.00482 \cdot (x-2518))$	0.00482	0.954	0.951	0.00826	0.00635
Linear	intercept=-6.43, slope=0.00361	0.00361	0.952	0.949	0.00842	0.00644

eat\_ger\_1.1Ado\_d256\_m166

Partial up to max % kg/yr

1960

1970

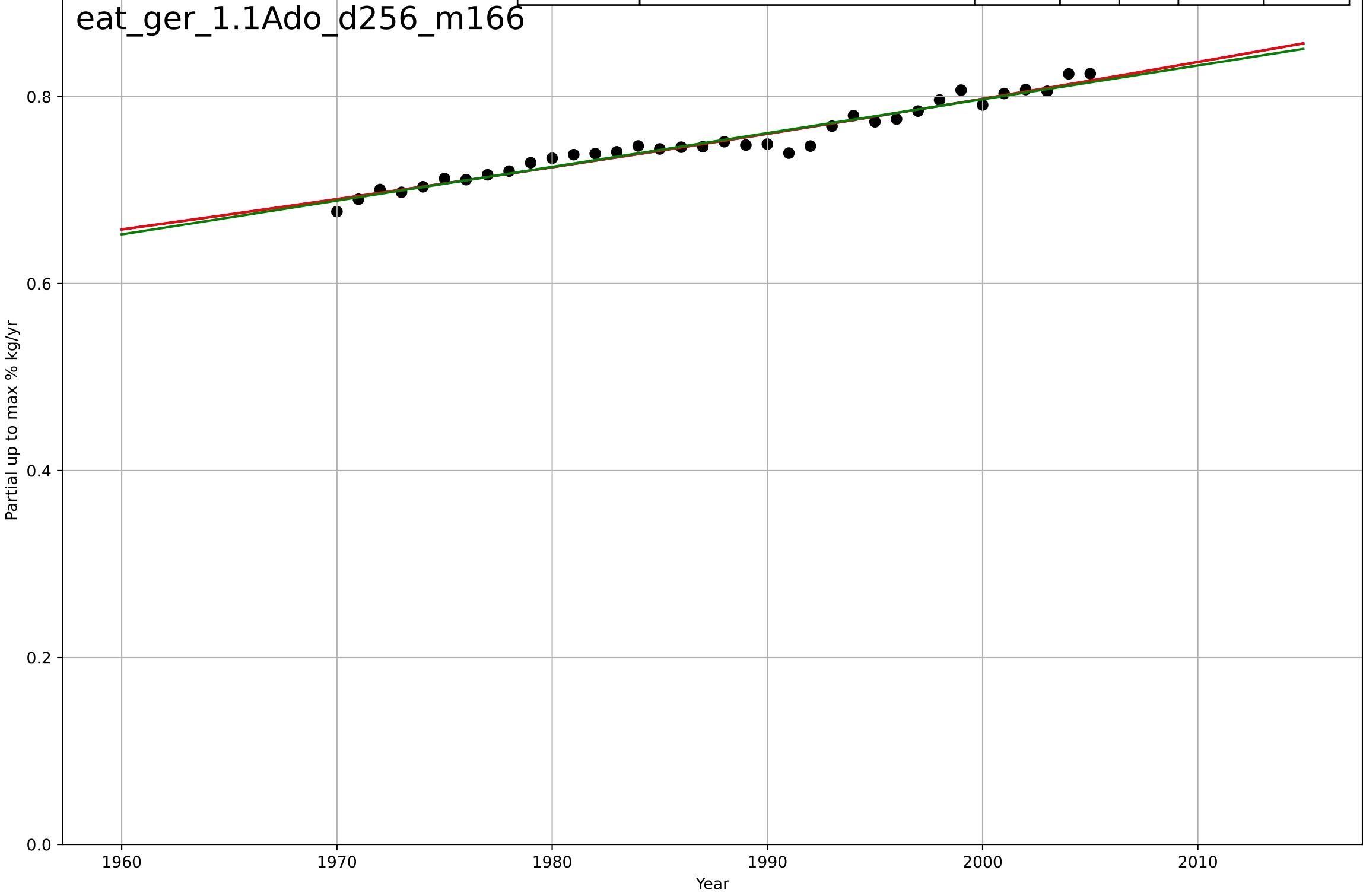
1980

1990

2000

2010

Year



eating less meat

Germany

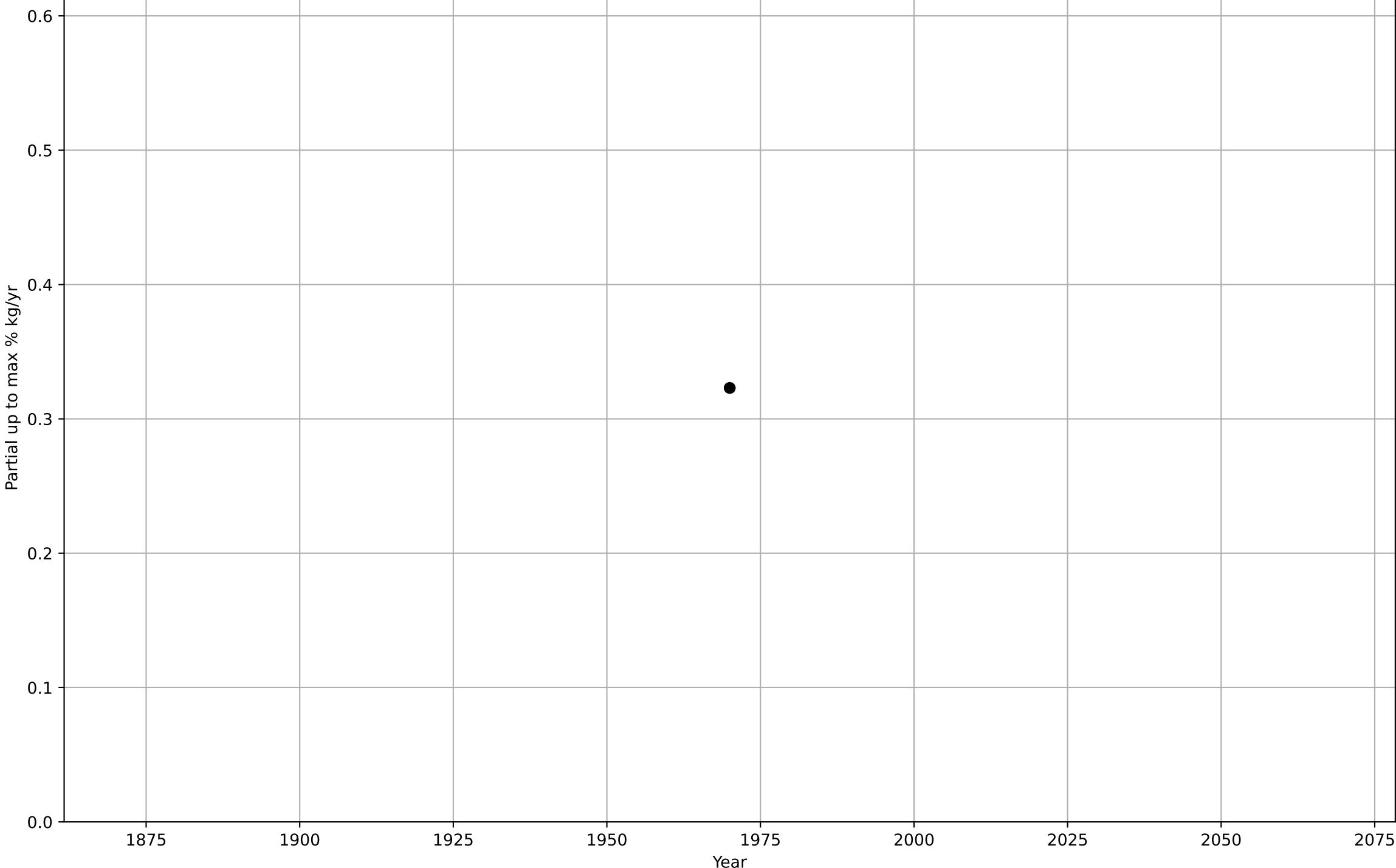
1.1 Adoption over time

Partial up to max % red in total meat consumpt

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=nan, slope=nan	nan	nan	nan	nan	nan

eat\_ger\_1.1Ado\_d257\_m166



eating less meat

Germany

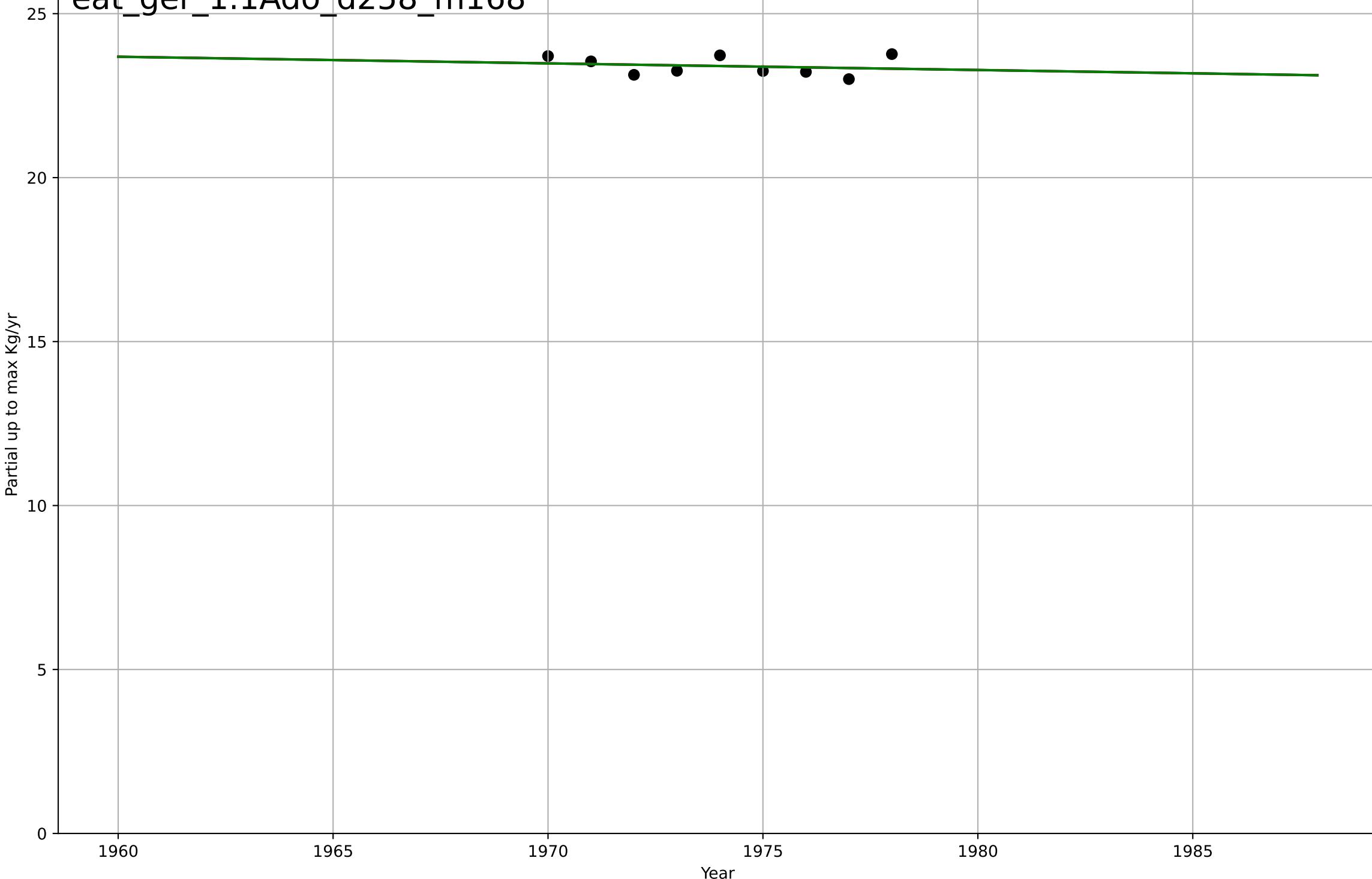
1.1 Adoption over time

Partial up to max per capita beef consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=-659, Dt=-4.68e+03, K=301$	-0.000939	0.0373	-0.54	0.265	0.239
Exponential	$28.1 \cdot \exp(-0.000866 \cdot (x-1761))$	-0.000866	0.0373	-0.284	0.265	0.239
Linear	intercept=63.2, slope=-0.0202	-0.0202	0.0371	-0.284	0.265	0.24

eat\_ger\_1.1Ado\_d258\_m168



eating less meat

Germany

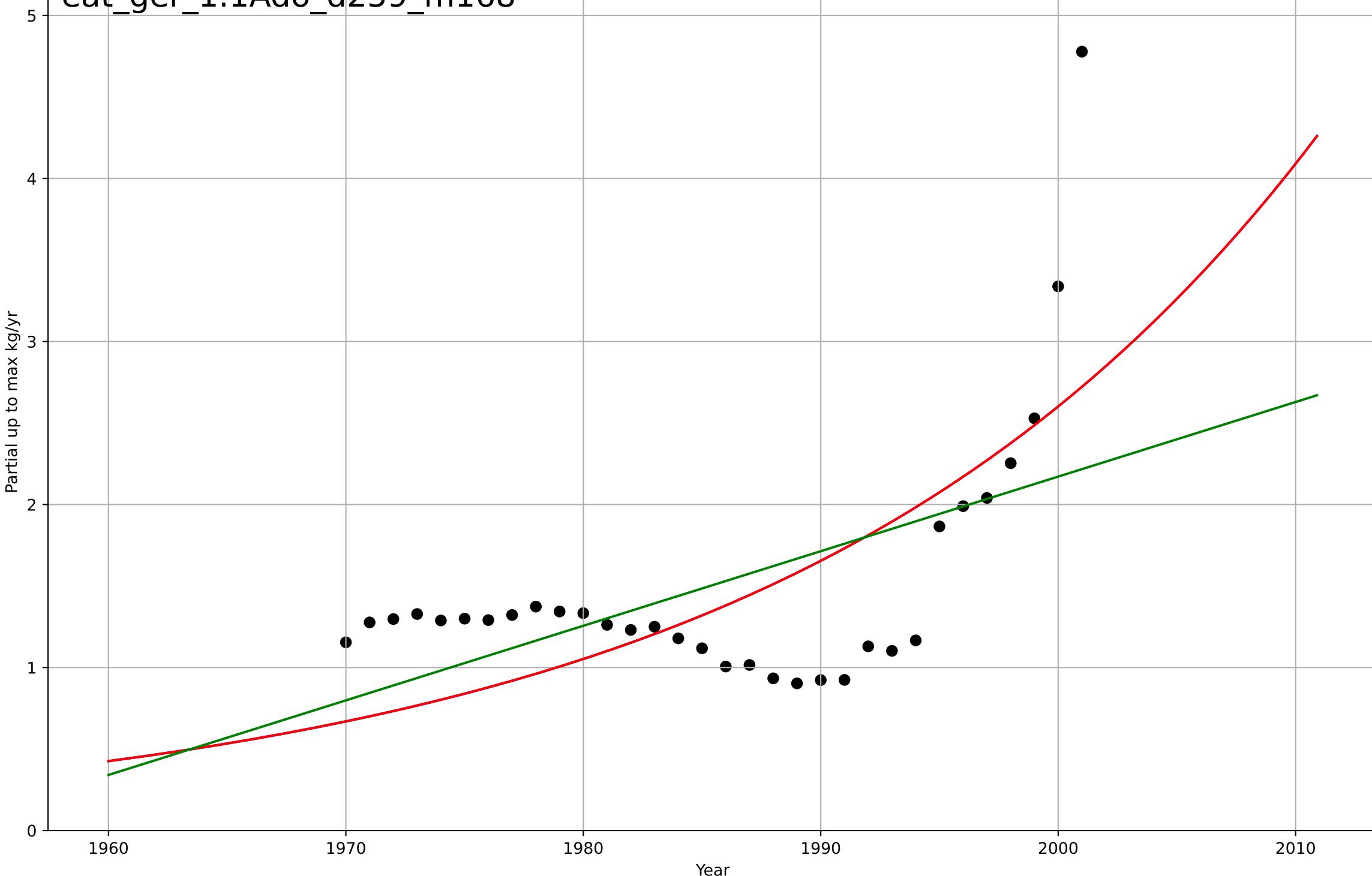
1.1 Adoption over time

Partial up to max per capita other meat consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2248, D_t=97.1, K=1.98e+05$	0.0453	0.416	0.354	0.597	0.469
Exponential	$3.47 \cdot \exp(0.0453 \cdot (x-2006))$	0.0453	0.416	0.376	0.597	0.469
Linear	intercept=-89.4, slope=0.0458	0.0458	0.292	0.243	0.658	0.458

eat\_ger\_1.1Ado\_d259\_m168



eating less meat

Germany

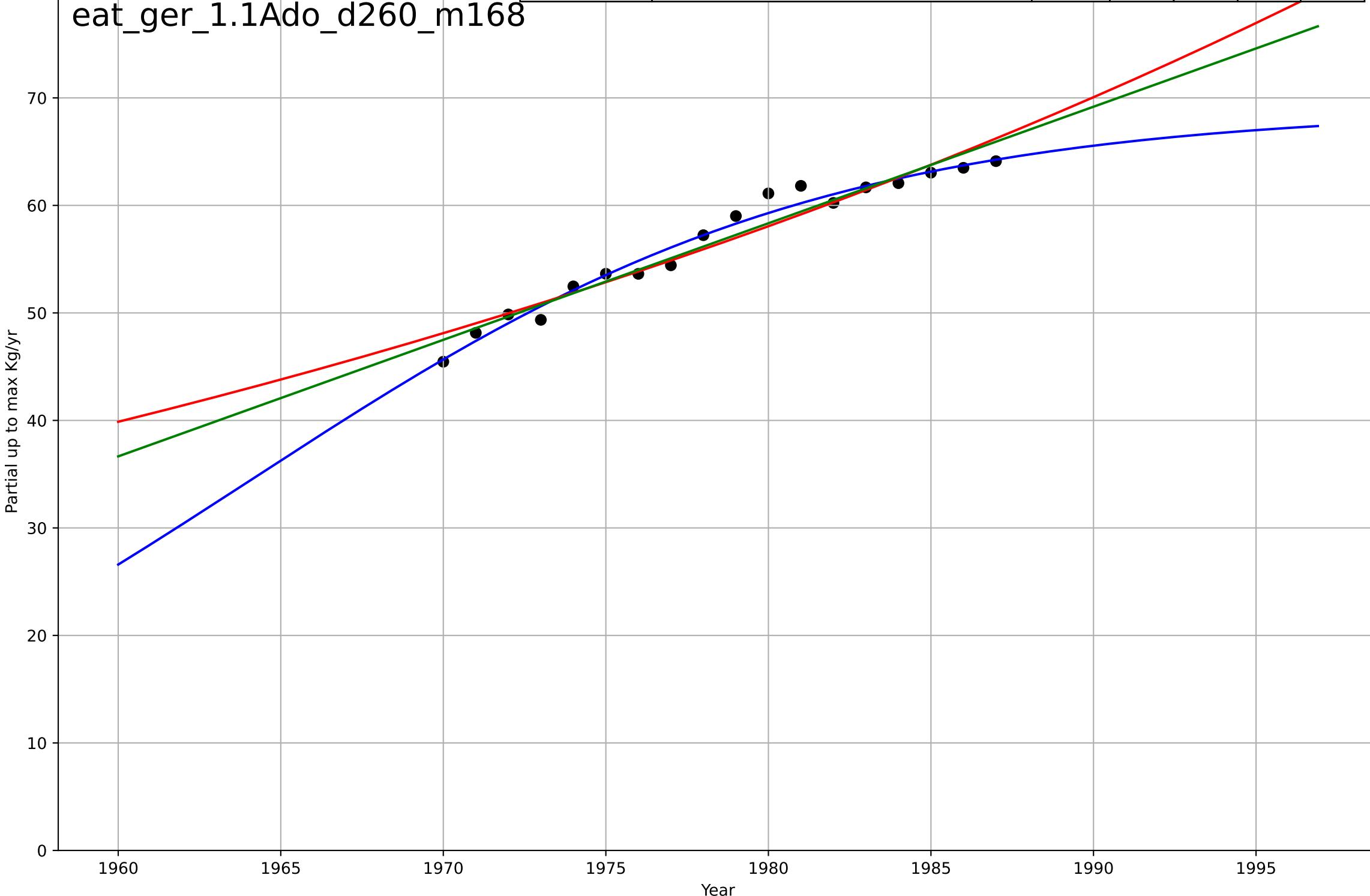
1.1 Adoption over time

Partial up to max per capita pig consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1964, Dt=38.6, K=69	0.114	0.976	0.971	0.9	0.687
Exponential	5.74*exp(0.0188*(x-1857))	0.0188	0.931	0.922	1.51	1.19
Linear	intercept=-2.09e+03, slope=1.08	1.08	0.948	0.941	1.32	1.07

eat\_ger\_1.1Ado\_d260\_m168



eating less meat

Germany

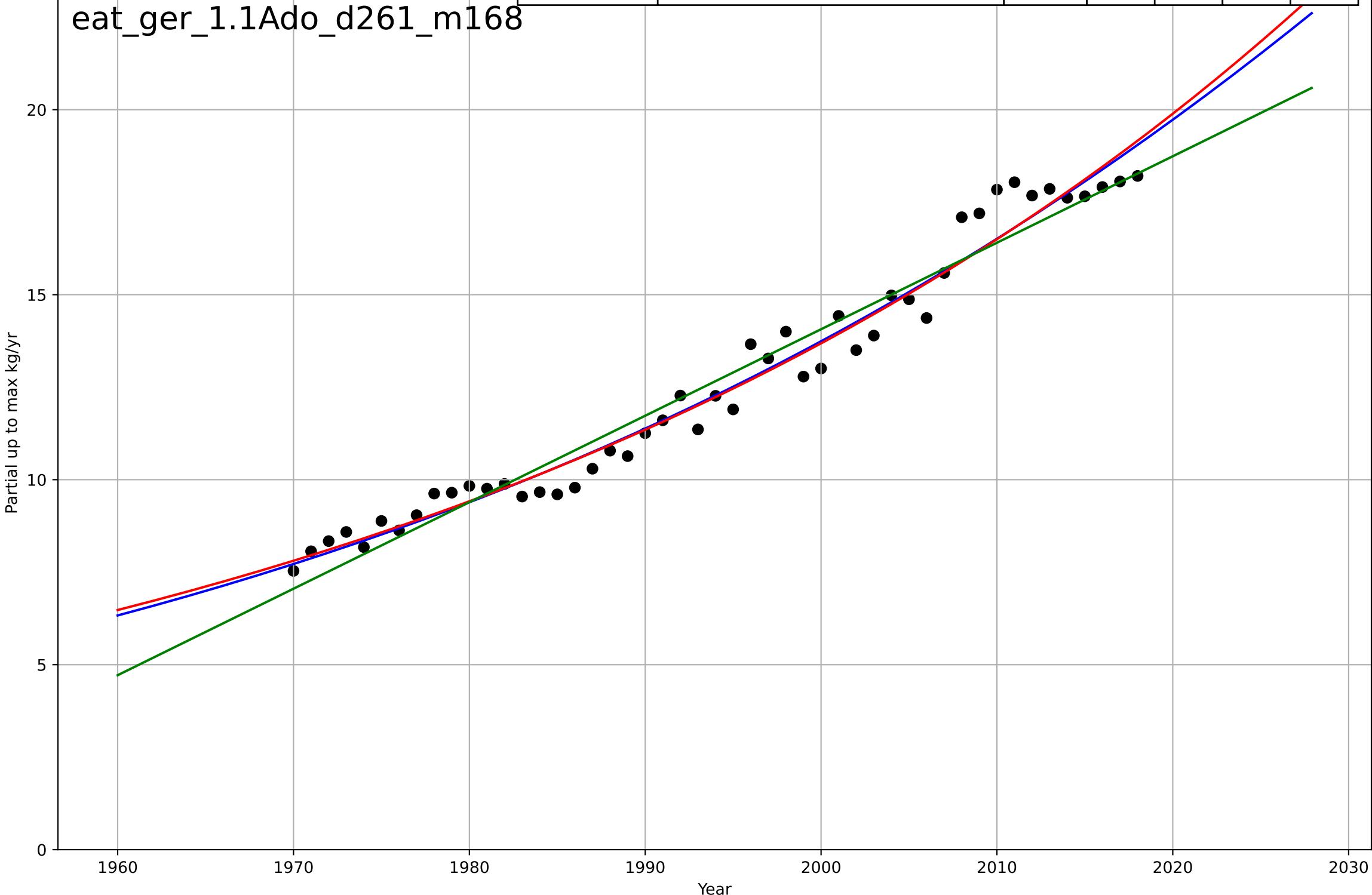
1.1 Adoption over time

Partial up to max per capita poultry consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2094$ , $Dt=208$ , $K=115$	0.0211	0.97	0.968	0.585	0.488
Exponential	$6.24 \cdot \exp(0.0187 \cdot (x-1958))$	0.0187	0.97	0.968	0.588	0.487
Linear	intercept=-453, slope=0.234	0.234	0.957	0.955	0.703	0.583

eat\_ger\_1.1Ado\_d261\_m168



eating less meat

Germany

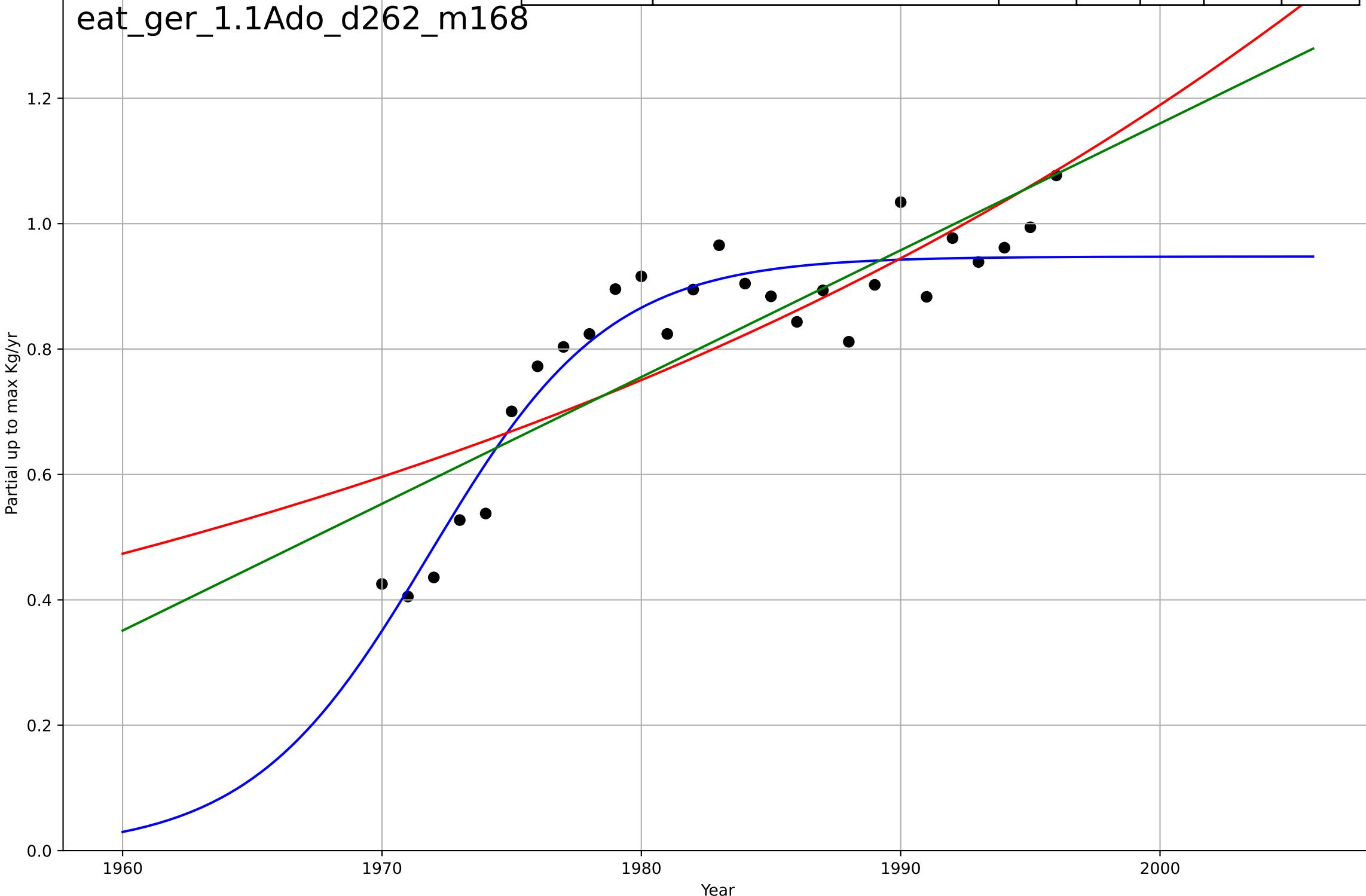
1.1 Adoption over time

Partial up to max per capita sheep & goat consu

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1972, Dt=15.2, K=0.948	0.29	0.9	0.887	0.0586	0.0487
Exponential	4.56*exp(0.023*(x-2058))	0.023	0.67	0.643	0.107	0.0907
Linear	intercept=-39.3, slope=0.0202	0.0202	0.722	0.698	0.0978	0.0854

eat\_ger\_1.1Ado\_d262\_m168



eating less meat

Germany

1.1 Adoption over time

Partial up to max per capita total meat consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1960, D_t=37.9, K=104$	0.116	0.965	0.957	1.21	0.976
Exponential	$9.27 \cdot \exp(0.013 \cdot (x-1802))$	0.013	0.913	0.902	1.9	1.54
Linear	intercept=-2.28e+03, slope=1.2	1.2	0.926	0.916	1.76	1.44

eat\_ger\_1.1Ado\_d263\_m168

Partial up to max kg/yr

1960

1965

1970

1975

1980

1985

1990

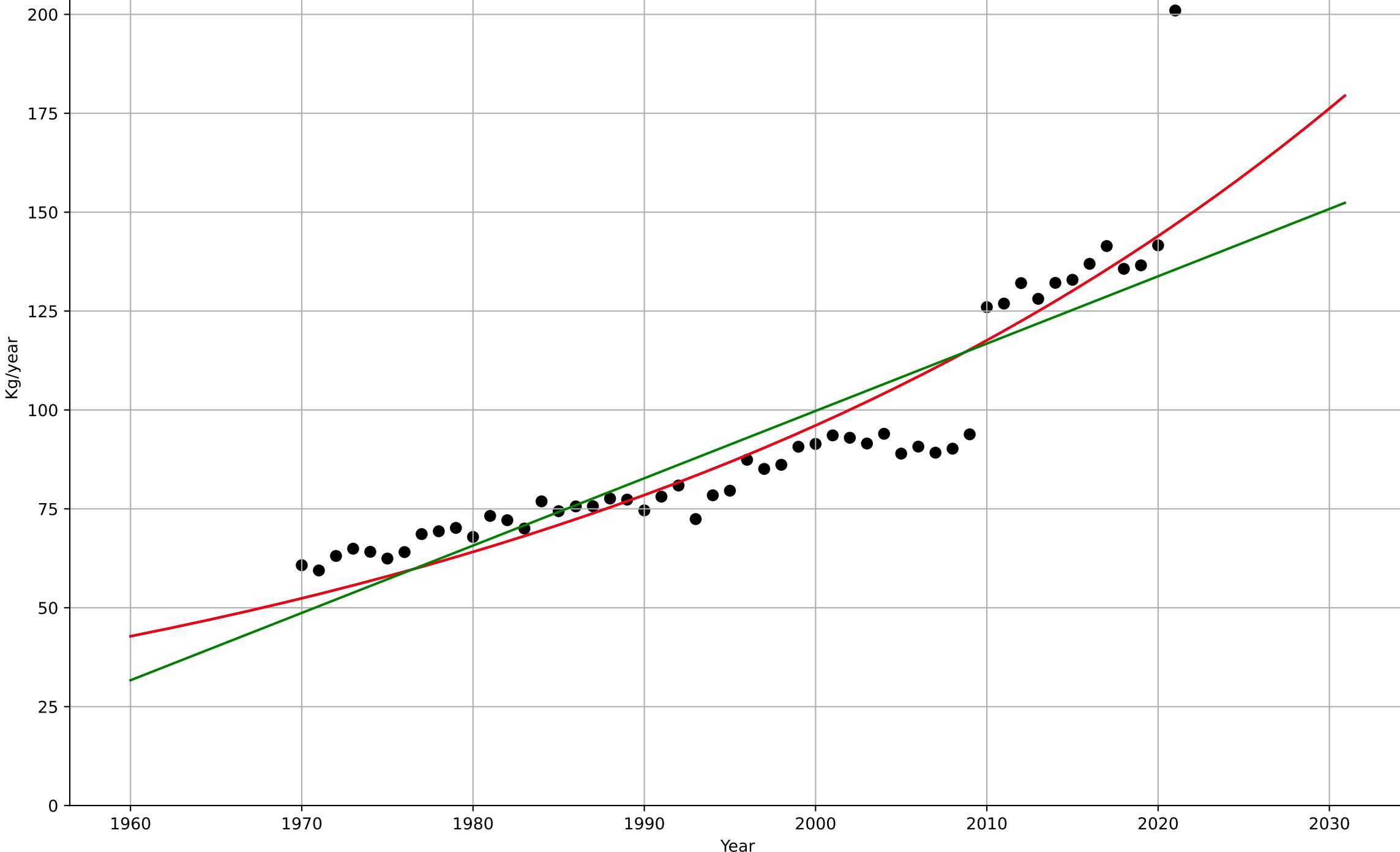
1995

Year

eating less meat  
 Germany  
 2.4 Ease of Use  
 Vegetable consumption per capita  
 Kg/year

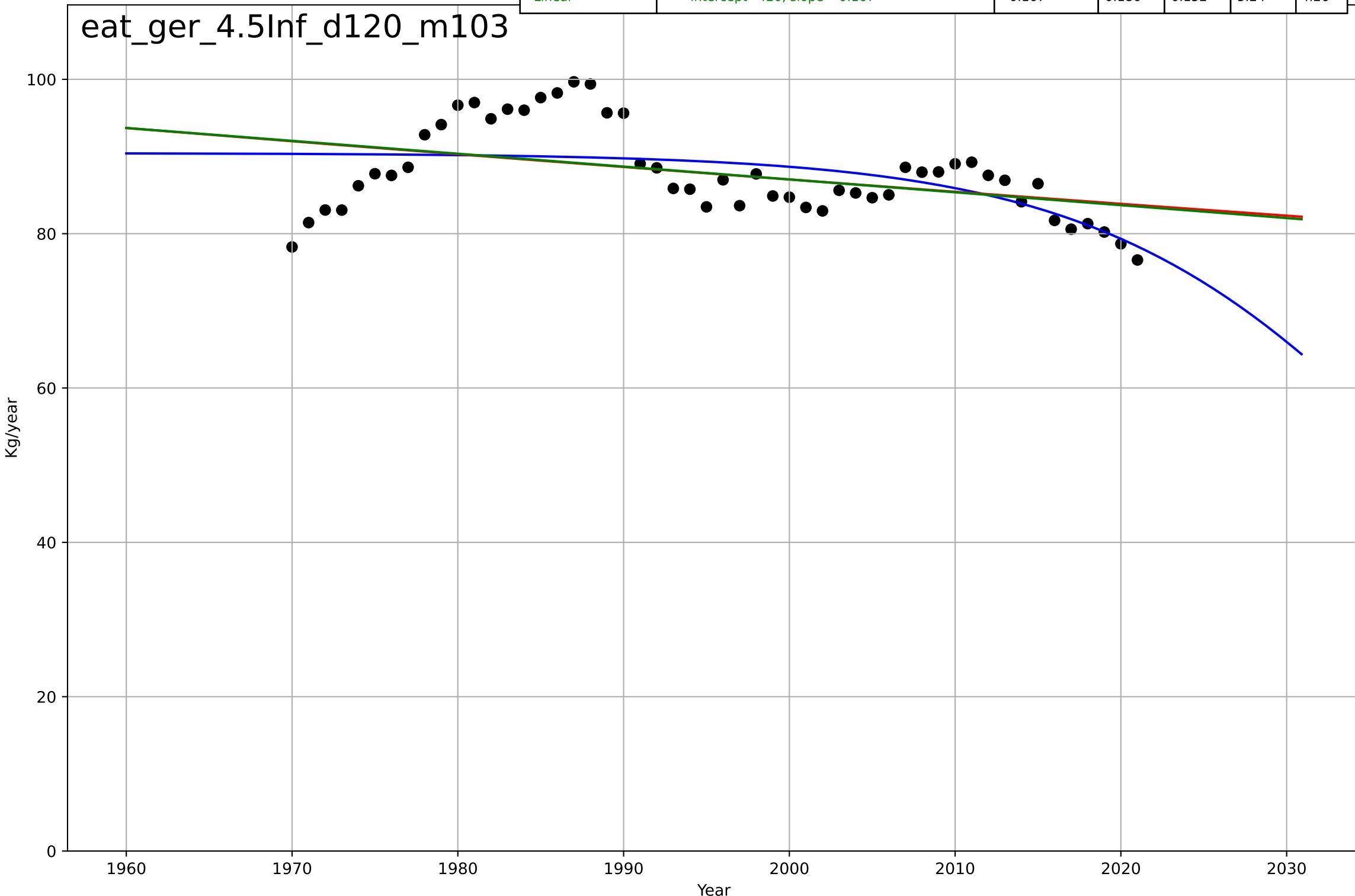
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2569, Dt=217, K=9.49e+06	0.0202	0.847	0.837	11.3	7.77
Exponential	5.18*exp(0.0202*(x-1856))	0.0202	0.847	0.841	11.3	7.77
Linear	intercept=-3.3e+03, slope=1.7	1.7	0.778	0.769	13.6	9.87

eat\_ger\_2.4Eas\_d210\_m103



eating less meat  
 Germany  
 4.5 Physical Infrastructure Dependence  
 Meat supply/person  
 Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2040, D_t=-45.1, K=90.4$	-0.0974	0.304	0.26	4.84	3.98
Exponential	$150 \cdot \exp(-0.00185 \cdot (x-1707))$	-0.00185	0.181	0.147	5.26	4.27
Linear	intercept=420, slope=-0.167	-0.167	0.186	0.152	5.24	4.26



eating less meat

India

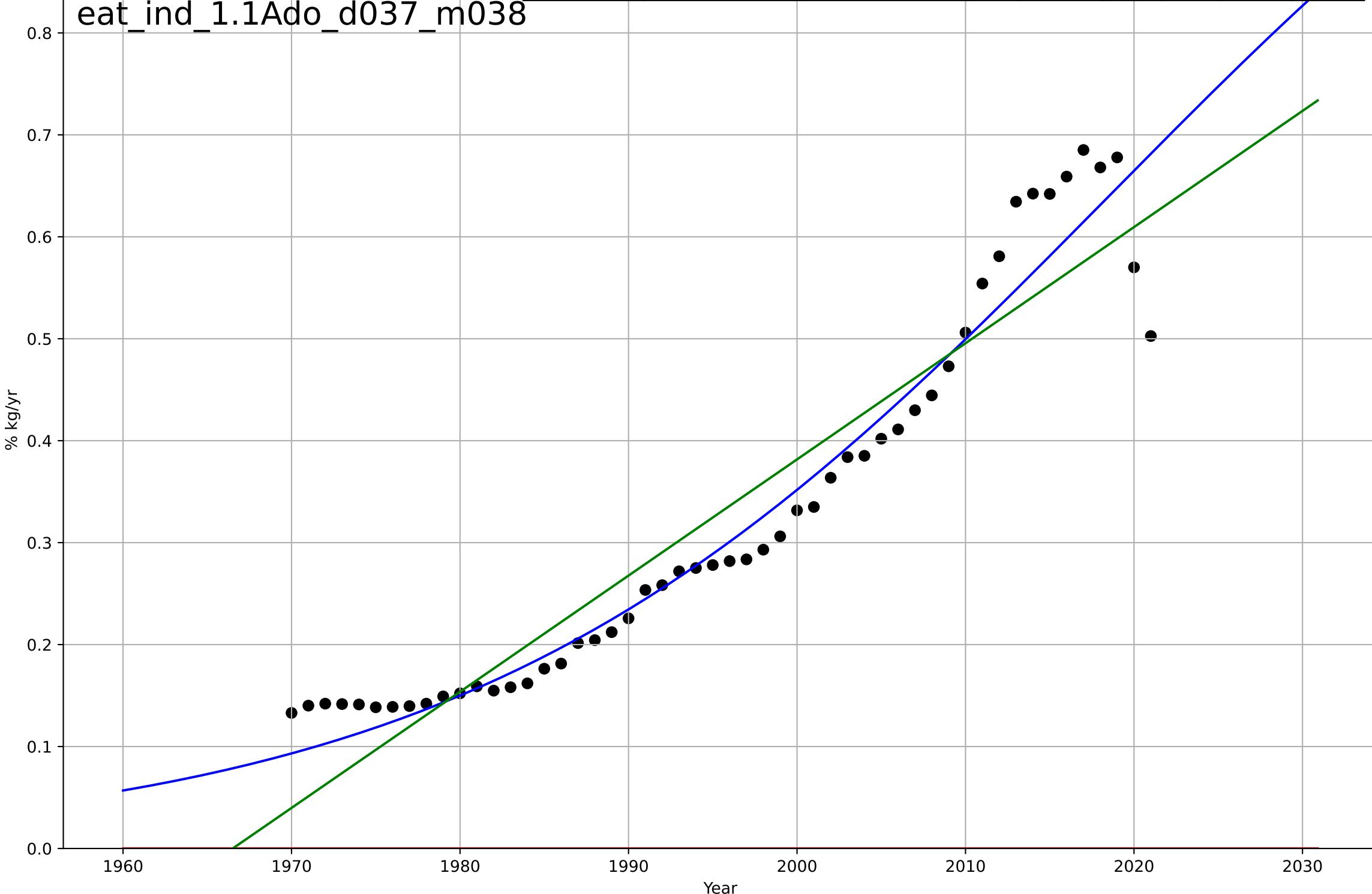
1.1 Adoption over time

% poultry+pig in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=83.7, K=1.28	0.0525	0.947	0.943	0.0416	0.0285
Exponential	1.55e+03*exp(0.00206*(x-157456))	0.00206	-3.36	-3.54	0.376	0.33
Linear	intercept=-22.4, slope=0.0114	0.0114	0.901	0.897	0.0568	0.0491

eat\_ind\_1.1Ado\_d037\_m038



eating less meat

India

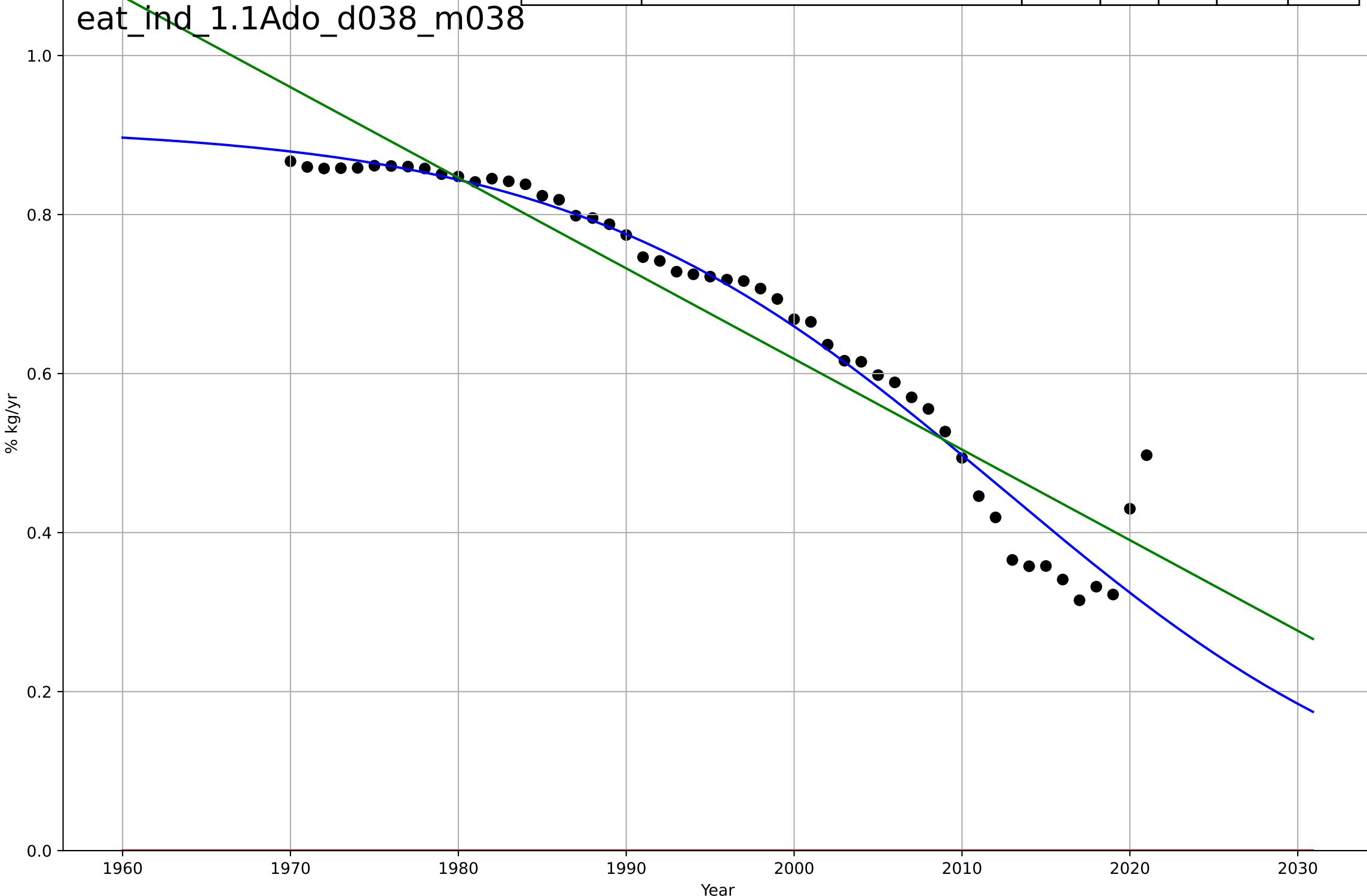
1.1 Adoption over time

% red in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=-56.6, K=0.912	-0.0776	0.954	0.951	0.0386	0.0224
Exponential	-1.54e+03*exp(-0.0361*(x-152606))	-0.0361	-13.8	-14.4	0.693	0.67
Linear	intercept=23.4, slope=-0.0114	-0.0114	0.901	0.897	0.0568	0.0491

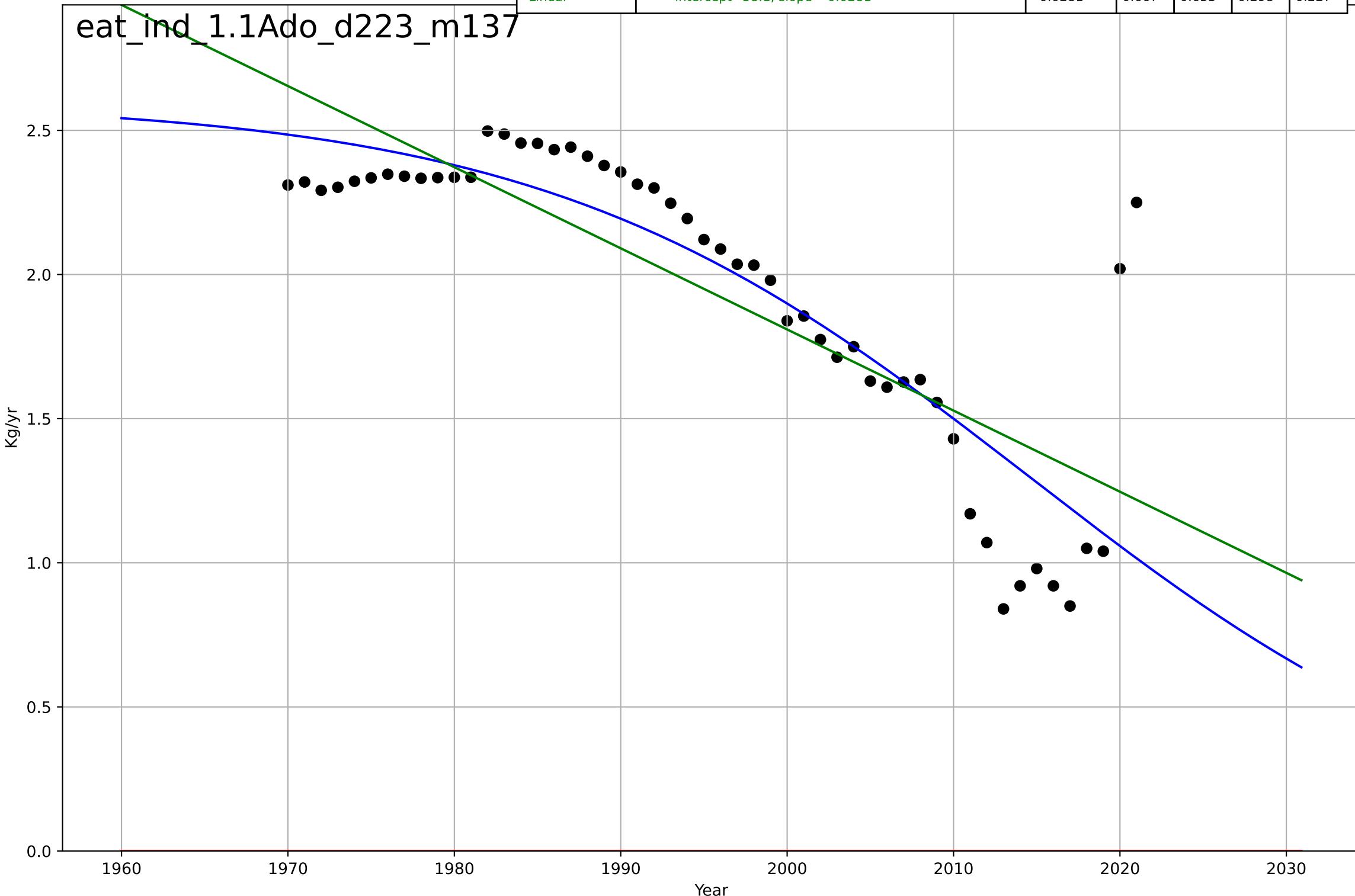
eat\_ind\_1.1Ado\_d038\_m038



eating less meat  
 India  
 1.1 Adoption over time  
 per capita beef consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2014, Dt=-64.1, K=2.6	-0.0686	0.719	0.701	0.274	0.17
Exponential	-1.54e+03*exp(-0.00188*(x-152706))	-0.00188	-14	-14.6	2	1.94
Linear	intercept=58.1, slope=-0.0281	-0.0281	0.667	0.653	0.298	0.227

eat\_ind\_1.1Ado\_d223\_m137



eating less meat

India

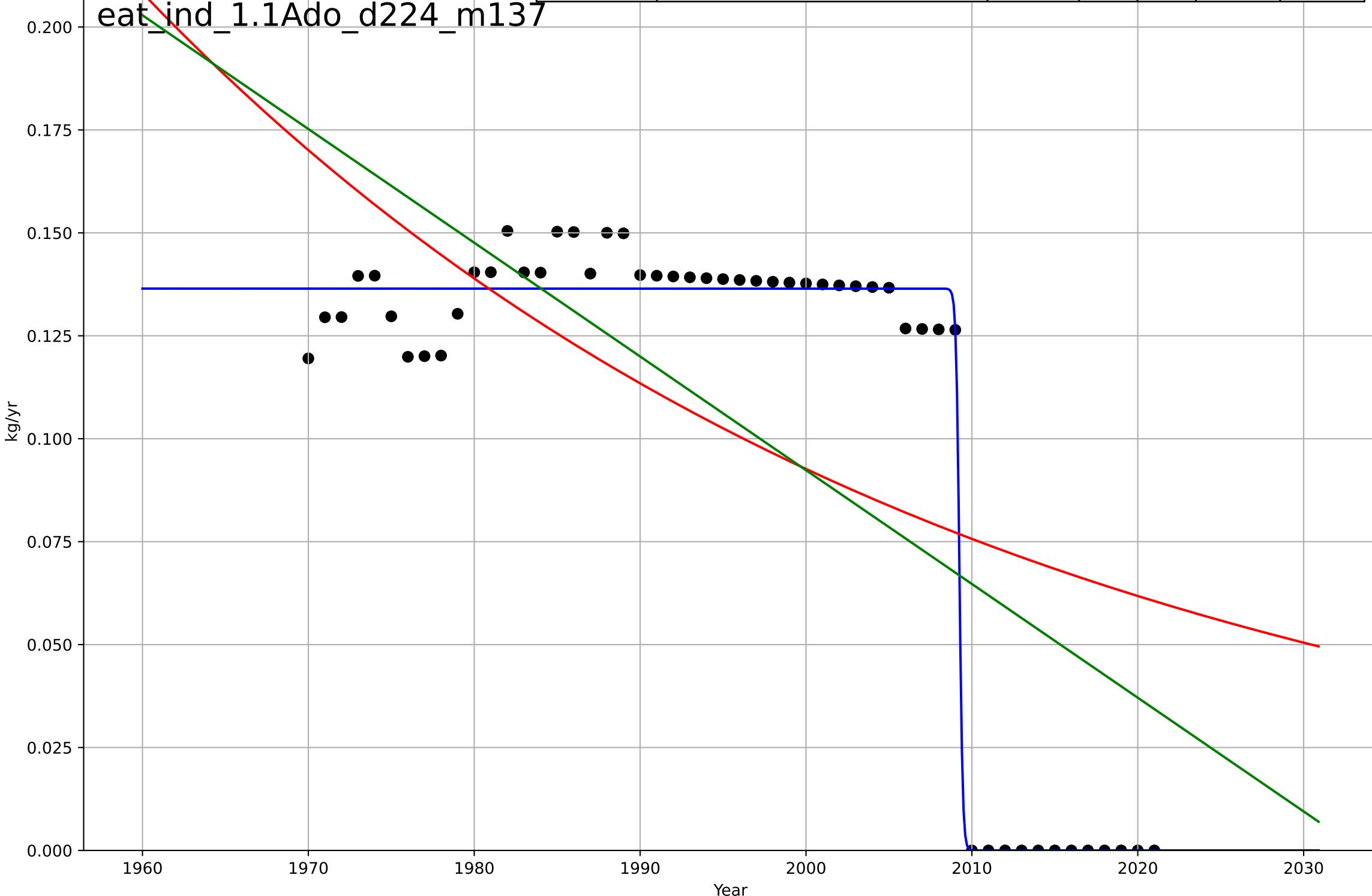
1.1 Adoption over time

per capita other meat consumption

kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=-0.43, K=0.136$	-10.2	0.985	0.984	0.00716	0.00471
Exponential	$4.74e-06 \cdot \exp(-0.0202 \cdot (x-2488))$	-0.0202	0.398	0.374	0.0449	0.0405
Linear	intercept=5.62, slope=-0.00276	-0.00276	0.514	0.494	0.0403	0.0368

eat\_ind\_1.1Ado\_d224\_m137



eating less meat

India

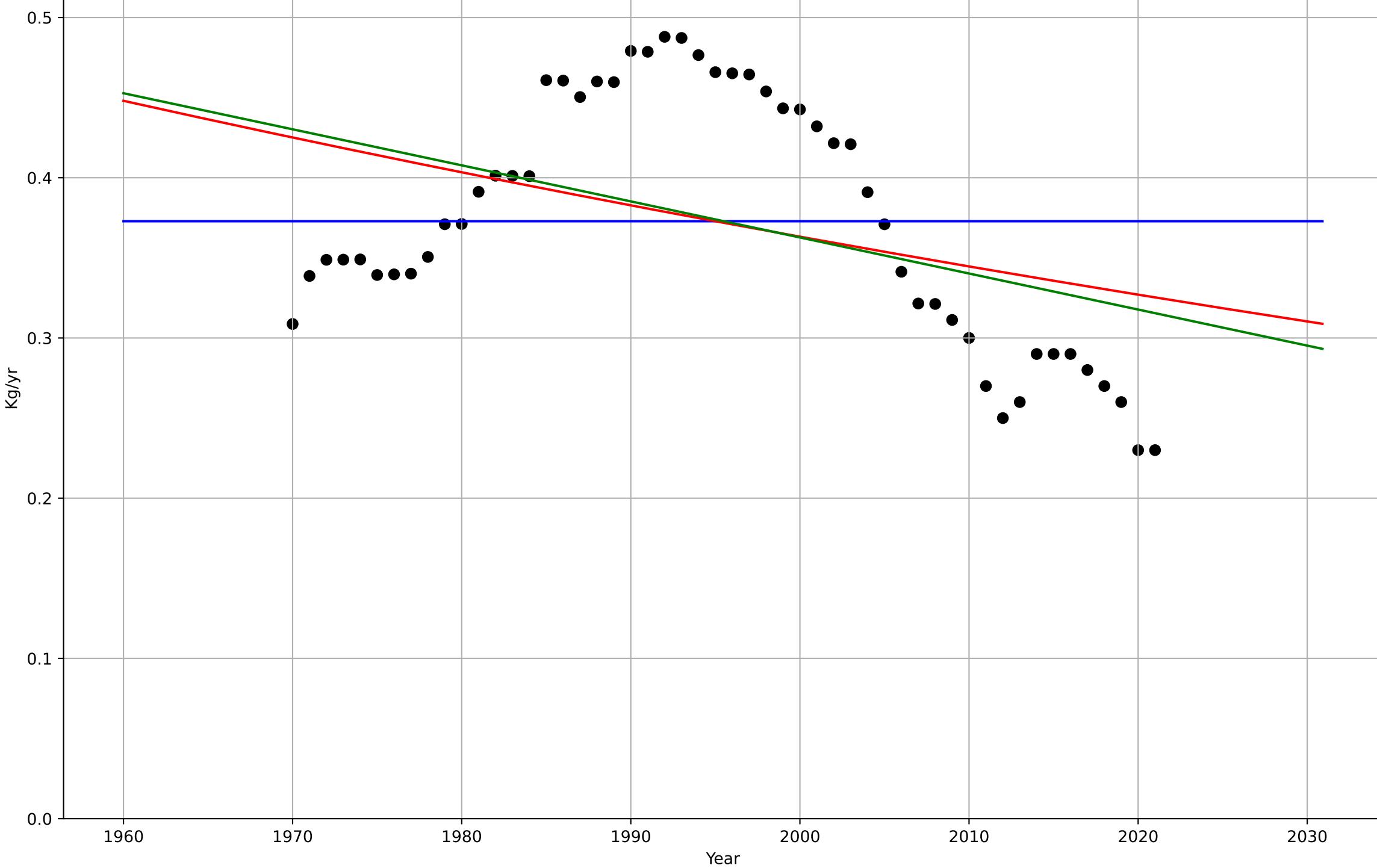
1.1 Adoption over time

per capita pig consumption

Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=293, D_t=263, K=0.373$	0.0167	-4.54e-13	-0.0625	0.0769	0.0672
Exponential	$0.261 \cdot \exp(-0.00525 \cdot (x - 2063))$	-0.00525	0.168	0.134	0.0701	0.0637
Linear	intercept=4.86, slope=-0.00225	-0.00225	0.193	0.16	0.0691	0.0624

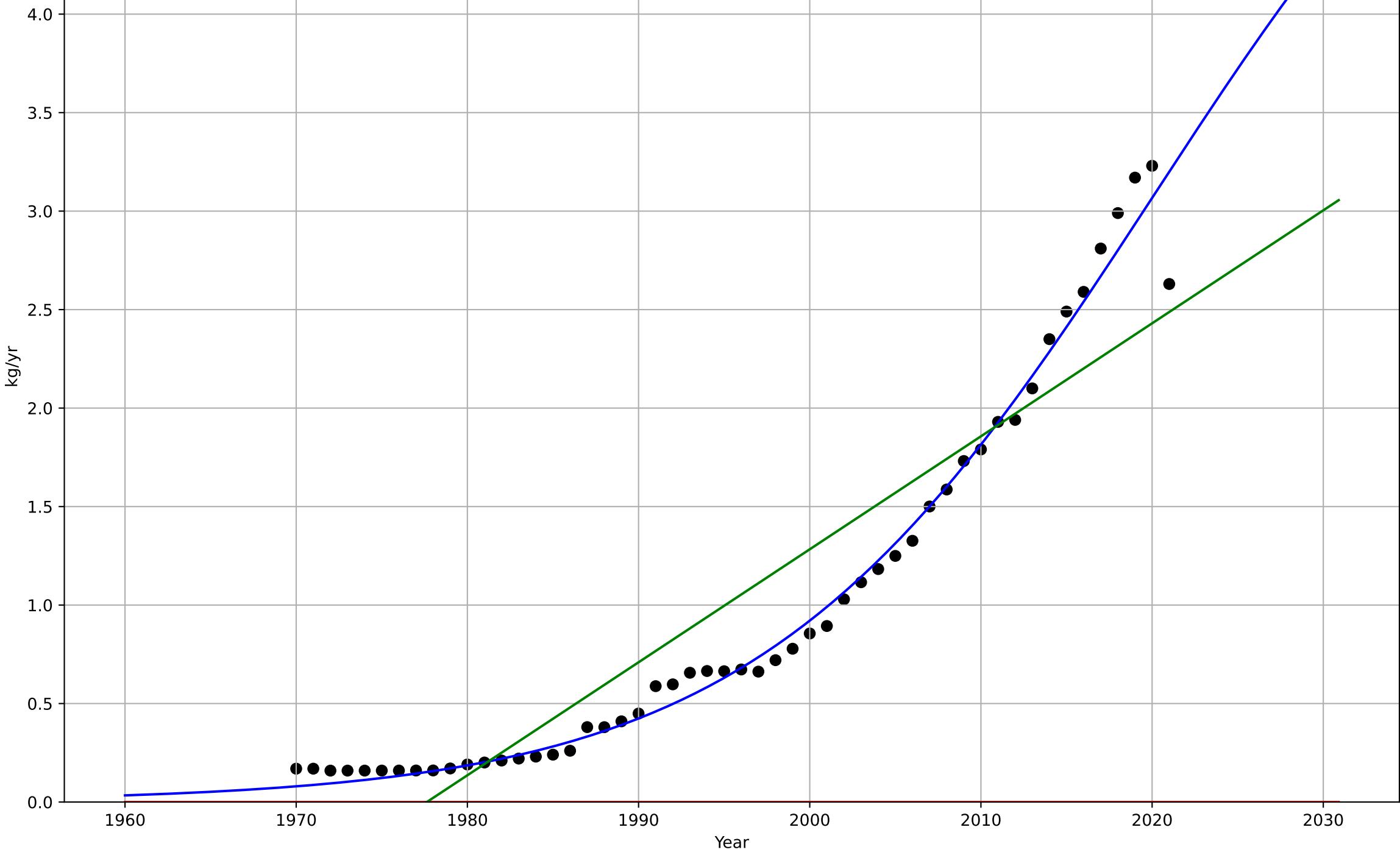
eat\_ind\_1.1Ado\_d225\_m137



eating less meat  
 India  
 1.1 Adoption over time  
 per capita poultry consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=50.8, K=6.15	0.0866	0.986	0.985	0.109	0.0676
Exponential	1.55e+03*exp(0.00641*(x-157522))	0.00641	-1.22	-1.31	1.38	1.02
Linear	intercept=-113, slope=0.0574	0.0574	0.861	0.855	0.346	0.29

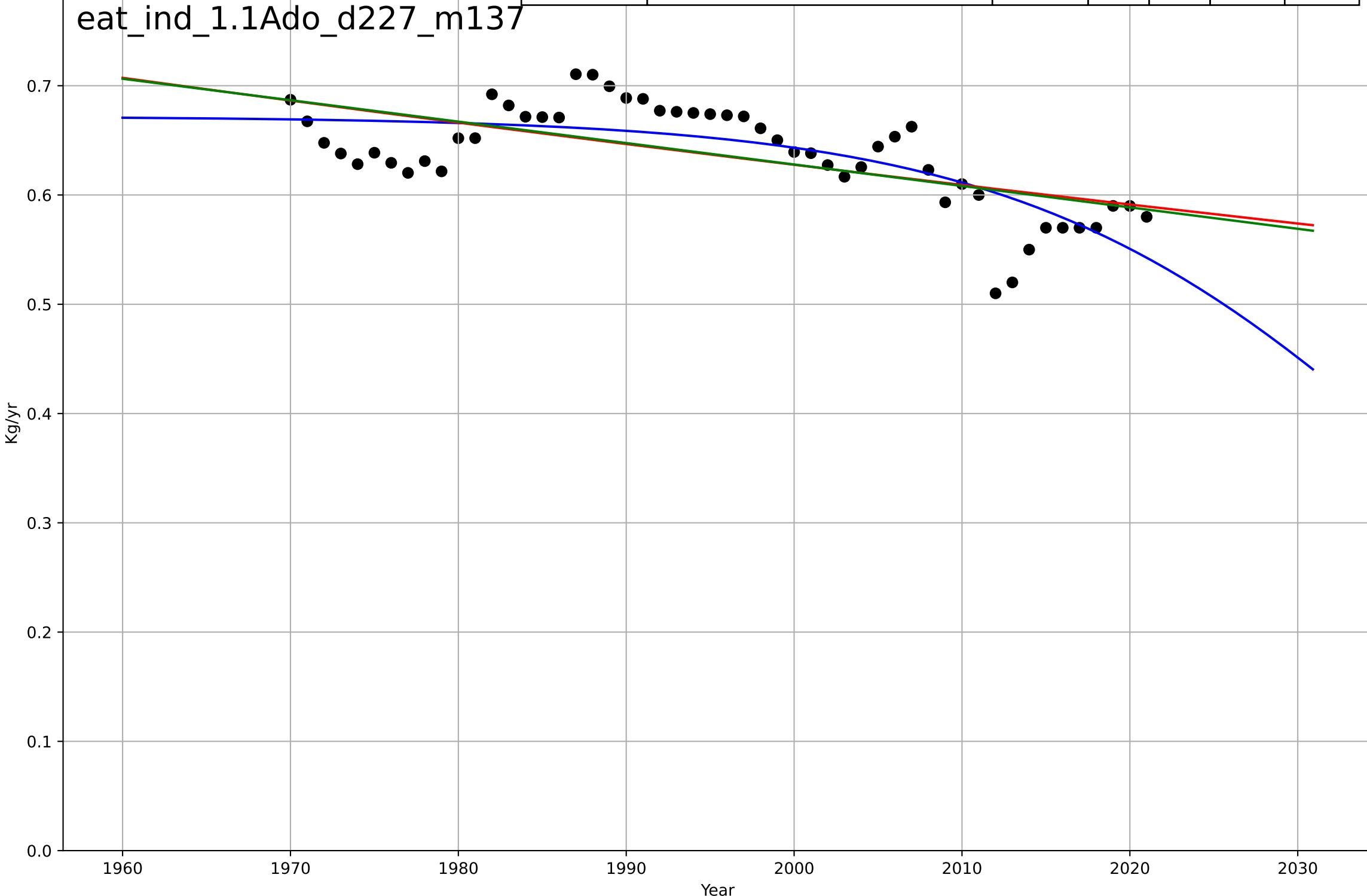
eat\_ind\_1.1Ado\_d226\_m137



eating less meat  
 India  
 1.1 Adoption over time  
 per capita sheep & goat consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2039, D_t=-55, K=0.672$	-0.0799	0.569	0.543	0.0304	0.0242
Exponential	$0.0529 \cdot \exp(-0.00298 \cdot (x-2829))$	-0.00298	0.392	0.367	0.0361	0.0298
Linear	intercept=4.55, slope=-0.00196	-0.00196	0.405	0.381	0.0357	0.0294

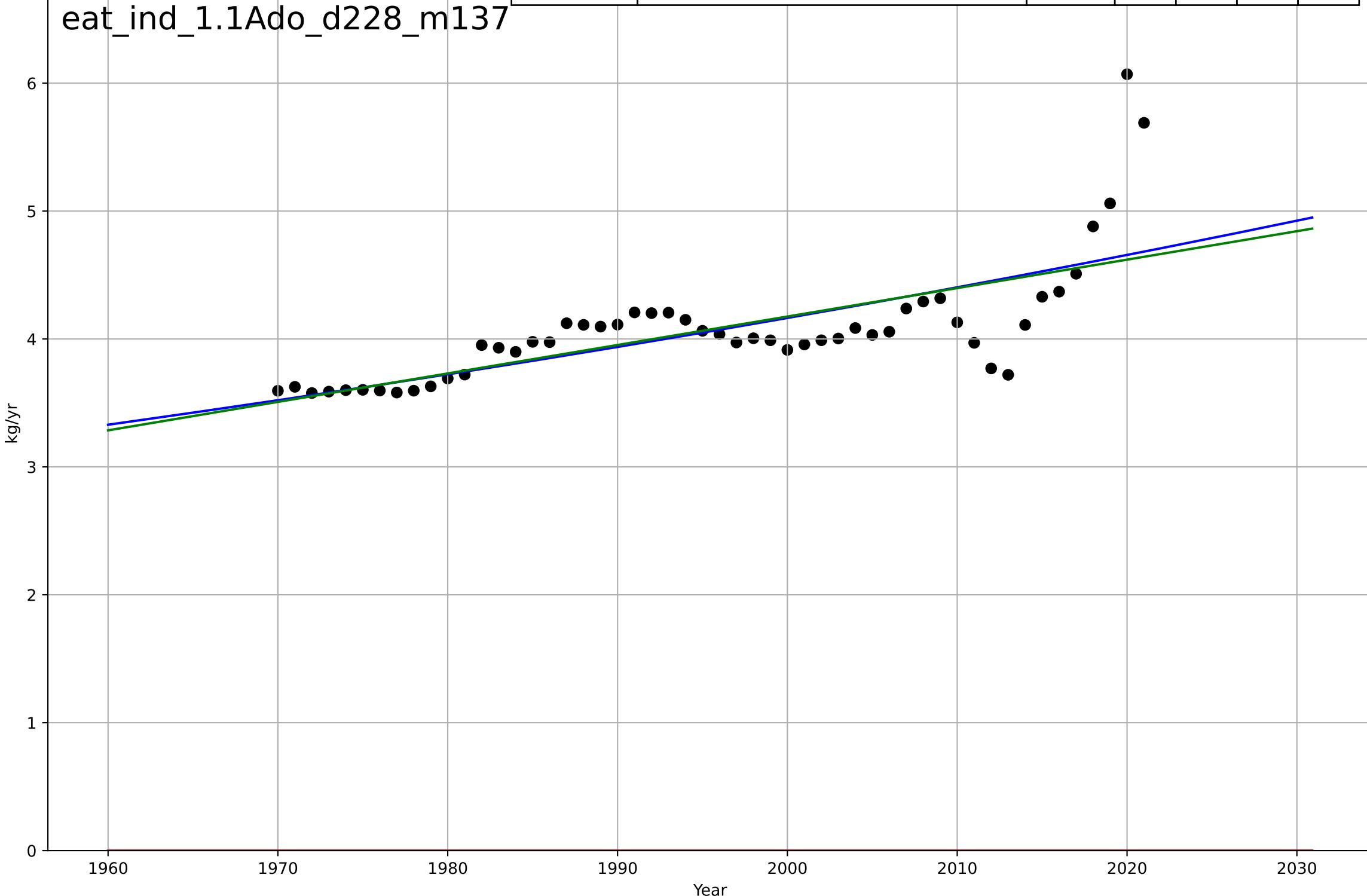
eat\_ind\_1.1Ado\_d227\_m137



eating less meat  
 India  
 1.1 Adoption over time  
 per capita total meat consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3548, Dt=786, K=2.4e+04	0.00559	0.508	0.477	0.332	0.216
Exponential	1.56e+03*exp(0.00274*(x-157293))	0.00274	-73.9	-77	4.1	4.08
Linear	intercept=-40.3, slope=0.0222	0.0222	0.496	0.476	0.336	0.216

eat\_ind\_1.1Ado\_d228\_m137



eating less meat

India

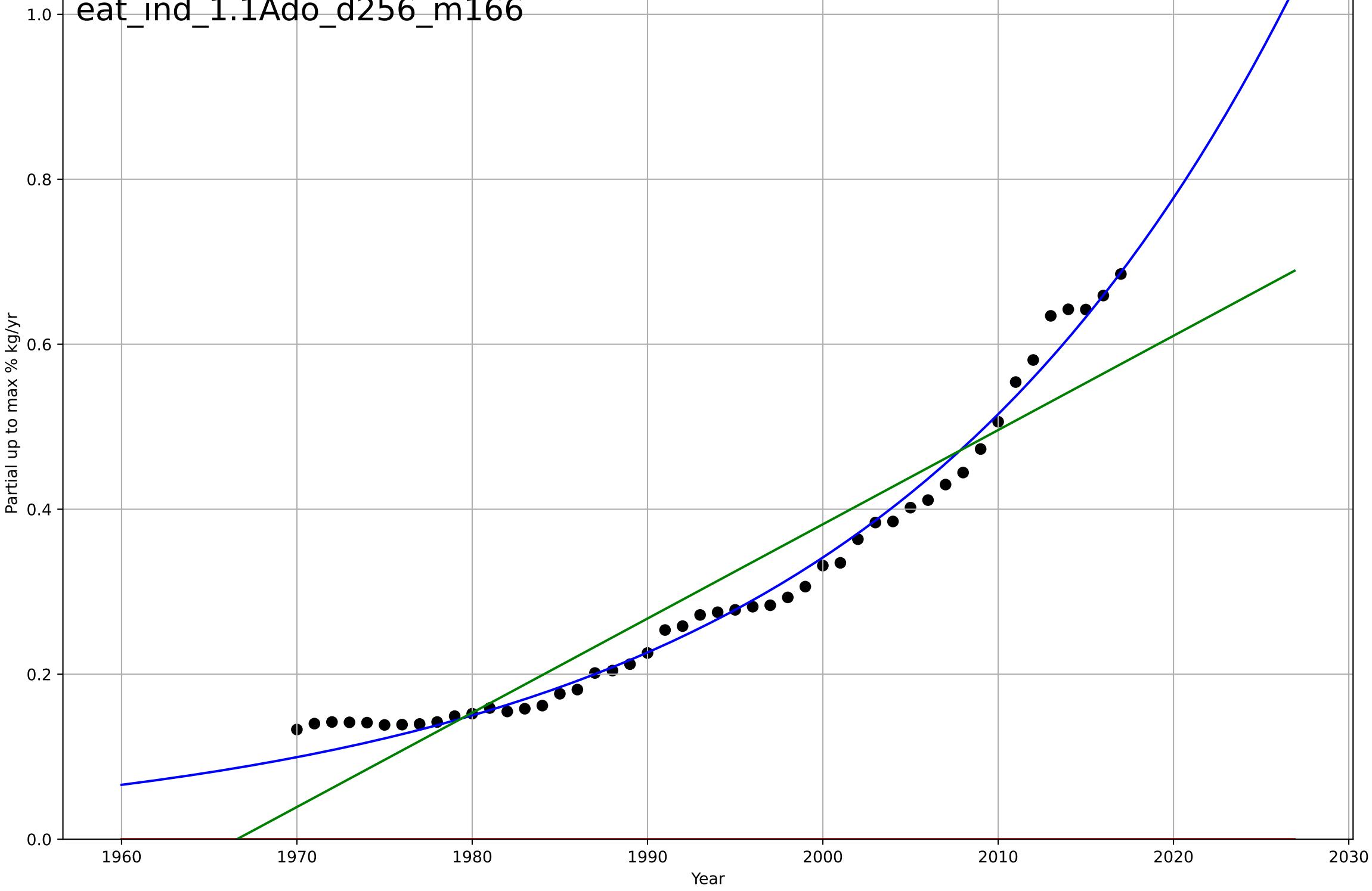
1.1 Adoption over time

Partial up to max % poultry+pig in total meat c

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2309, Dt=107, K=1.11e+05	0.0411	0.987	0.986	0.0188	0.015
Exponential	1.55e+03*exp(0.00207*(x-157452))	0.00207	-3.38	-3.58	0.35	0.307
Linear	intercept=-22.5, slope=0.0114	0.0114	0.896	0.892	0.0538	0.0466

eat\_ind\_1.1Ado\_d256\_m166



eating less meat

India

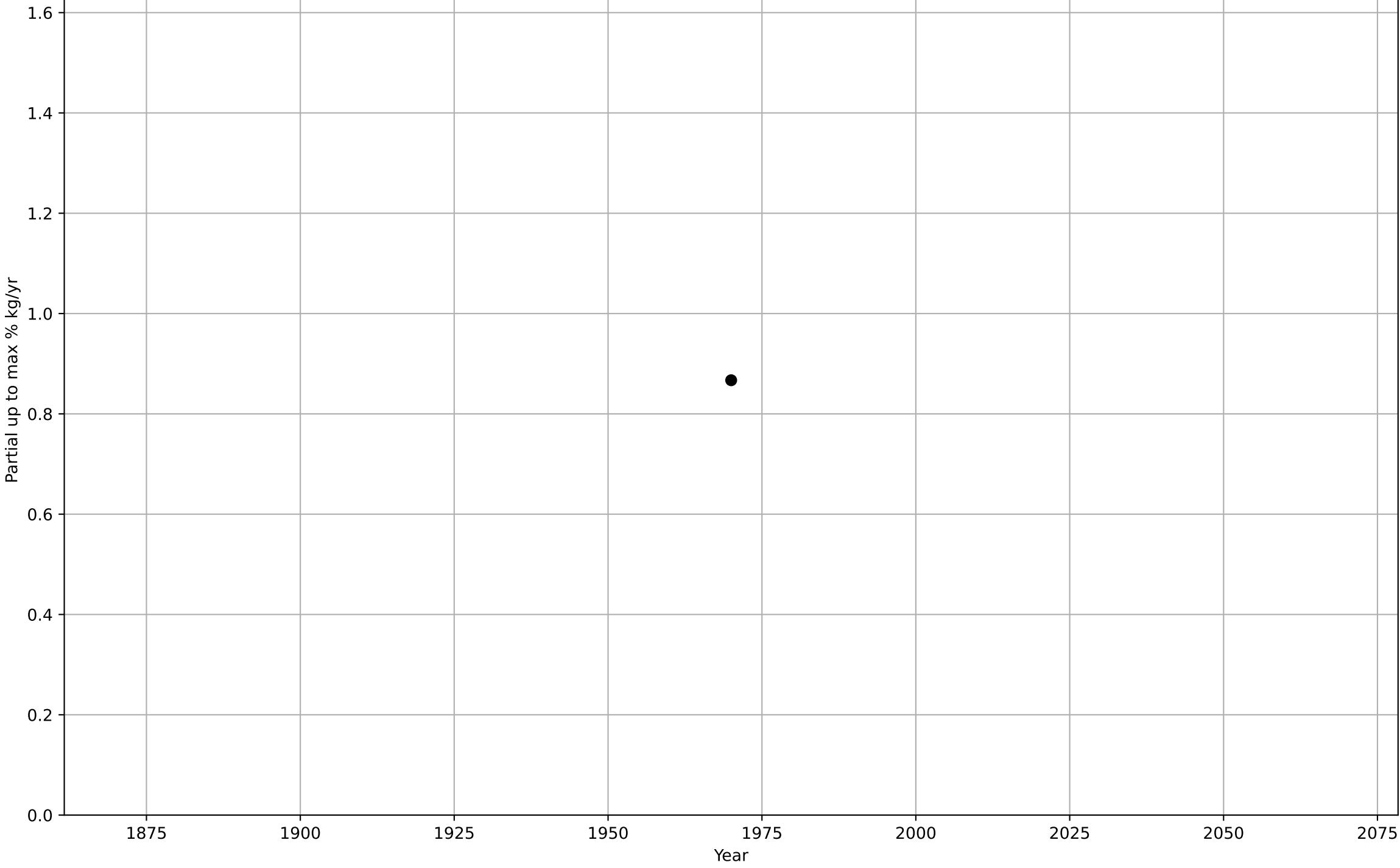
1.1 Adoption over time

Partial up to max % red in total meat consumpt

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=nan, slope=nan	nan	nan	nan	nan	nan

eat\_ind\_1.1Ado\_d257\_m166



eating less meat

India

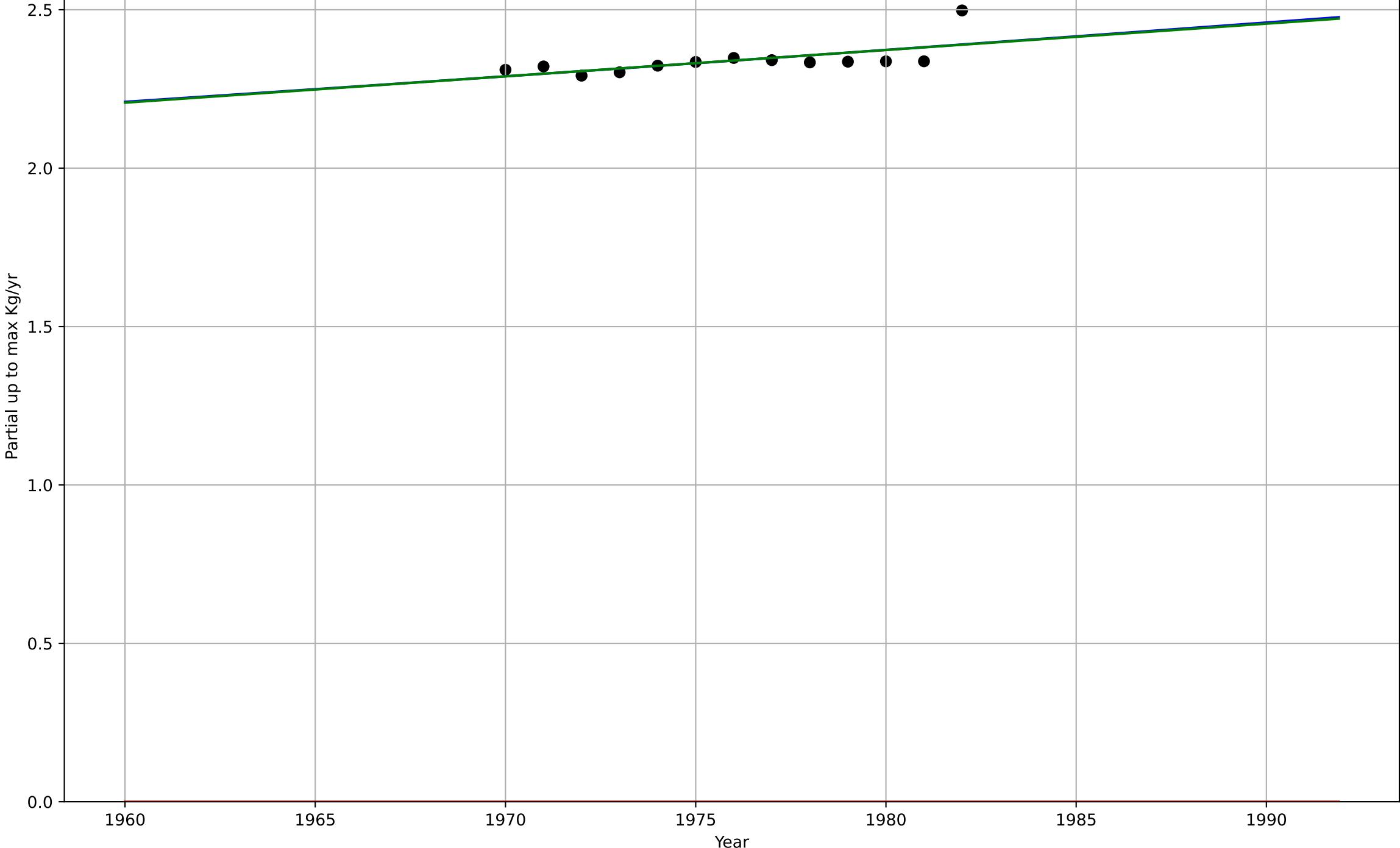
1.1 Adoption over time

Partial up to max per capita beef consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3635, Dt=1.23e+03, K=900	0.00359	0.419	0.225	0.0368	0.0253
Exponential	1.56e+03*exp(0.00158*(x-157314))	0.00158	-2.35e+03	-2.82e+03	2.34	2.34
Linear	intercept=-14.1, slope=0.00831	0.00831	0.416	0.299	0.0369	0.0253

eat\_ind\_1.1Ado\_d258\_m168



eating less meat

India

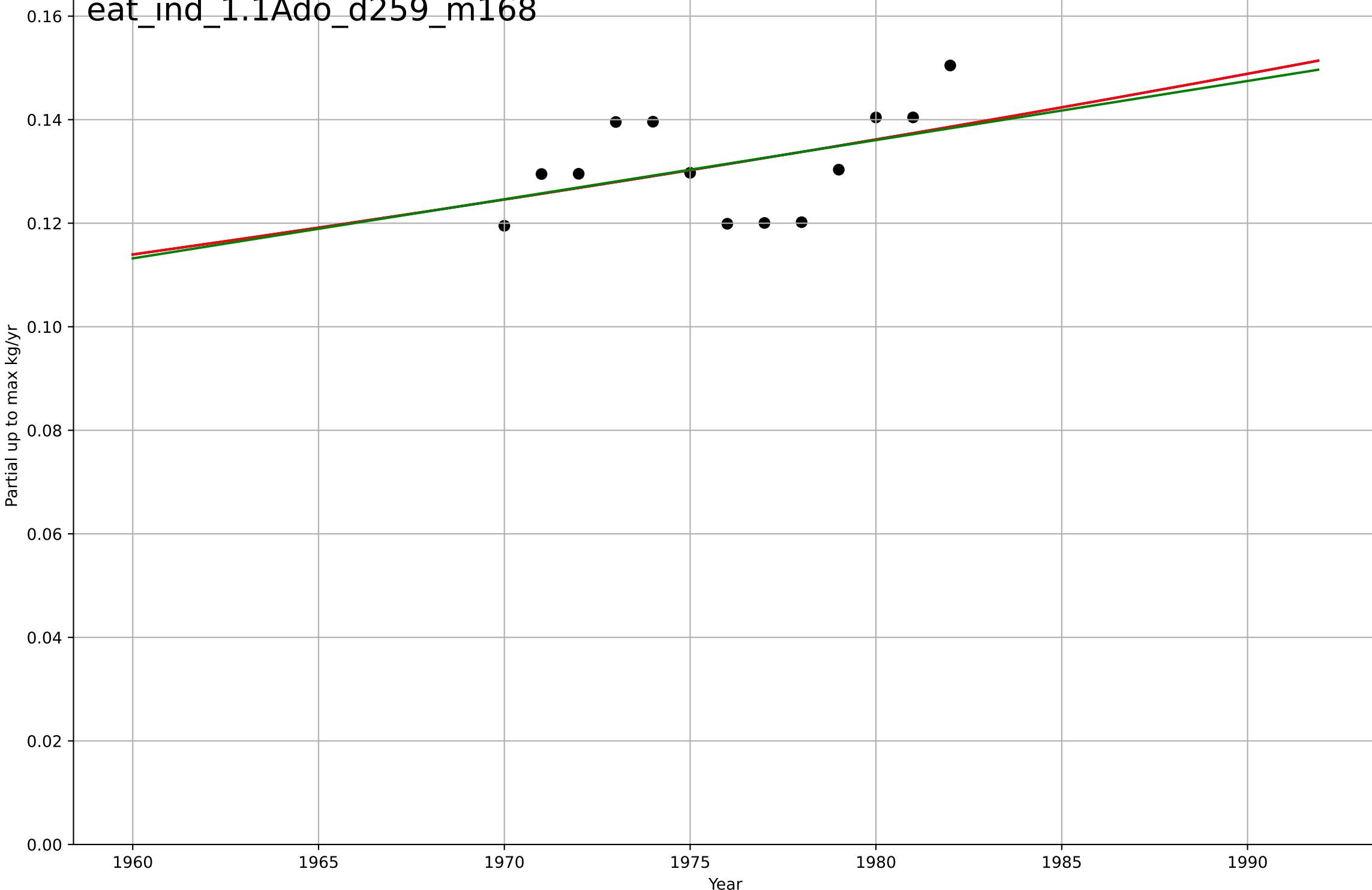
1.1 Adoption over time

Partial up to max per capita other meat consum

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2839, D_t=493, K=286$	0.00891	0.203	-0.0629	0.00858	0.00736
Exponential	$8.92 \cdot \exp(0.0089 \cdot (x-2450))$	0.0089	0.203	0.0434	0.00858	0.00736
Linear	intercept=-2.13, slope=0.00114	0.00114	0.198	0.0375	0.0086	0.00739

eat\_ind\_1.1Ado\_d259\_m168



eating less meat

India

1.1 Adoption over time

Partial up to max per capita pig consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2430, D_t=213, K=4.15e+03$	0.0206	0.933	0.922	0.0145	0.0119
Exponential	$1.55e+03 \cdot \exp(0.00175 \cdot (x-157418))$	0.00175	-50.3	-55.5	0.401	0.397
Linear	intercept=-15.7, slope=0.00811	0.00811	0.922	0.914	0.0156	0.0128

eat\_ind\_1.1Ado\_d260\_m168

Partial up to max Kg/yr

1960

1970

1980

1990

2000

Year

eating less meat

India

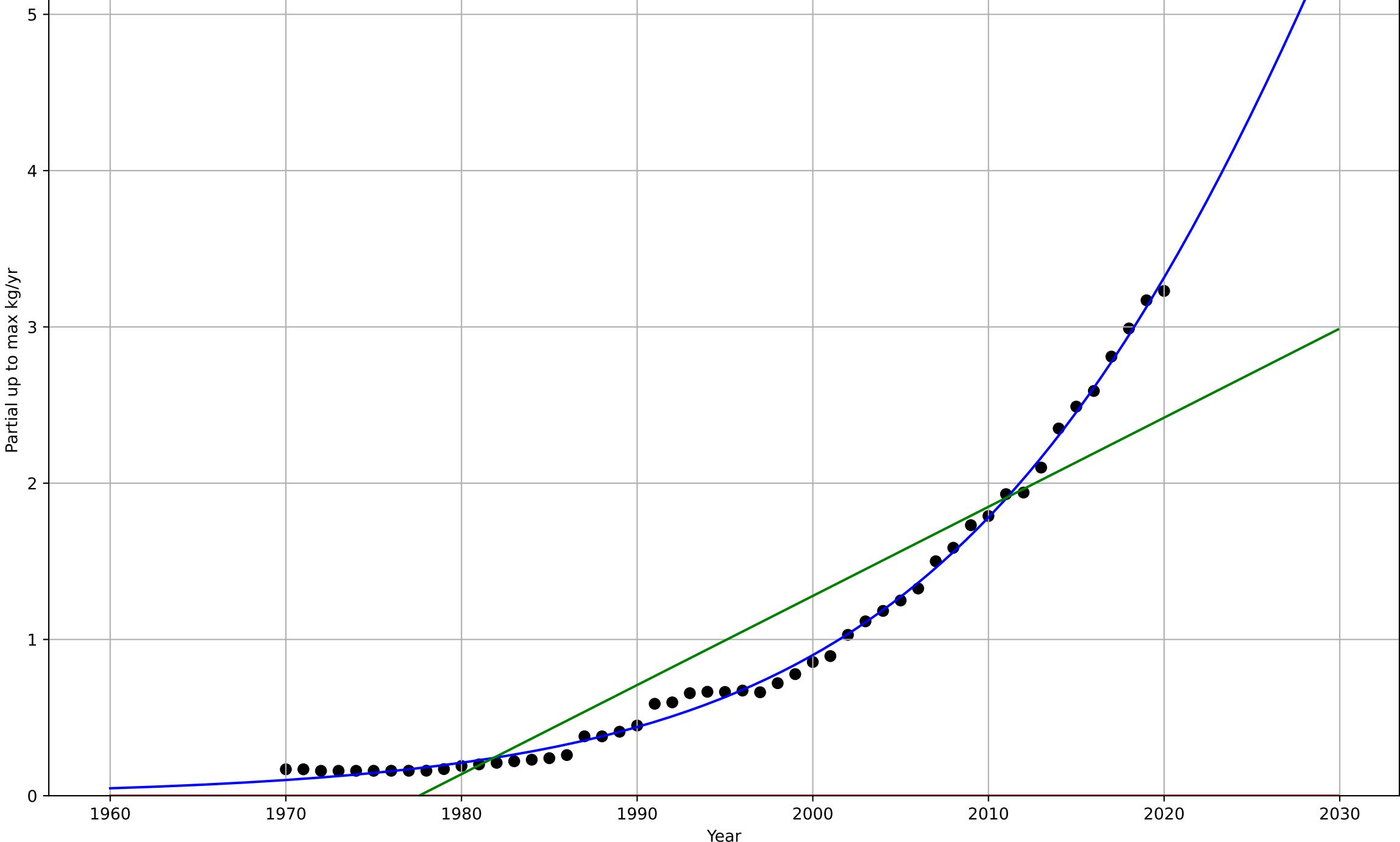
1.1 Adoption over time

Partial up to max per capita poultry consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2036, Dt=58.7, K=14.6	0.0749	0.997	0.997	0.0498	0.041
Exponential	1.55e+03*exp(0.00639*(x-157521))	0.00639	-1.19	-1.29	1.35	0.993
Linear	intercept=-113, slope=0.057	0.057	0.853	0.847	0.349	0.292

eat\_ind\_1.1Ado\_d261\_m168



eating less meat

India

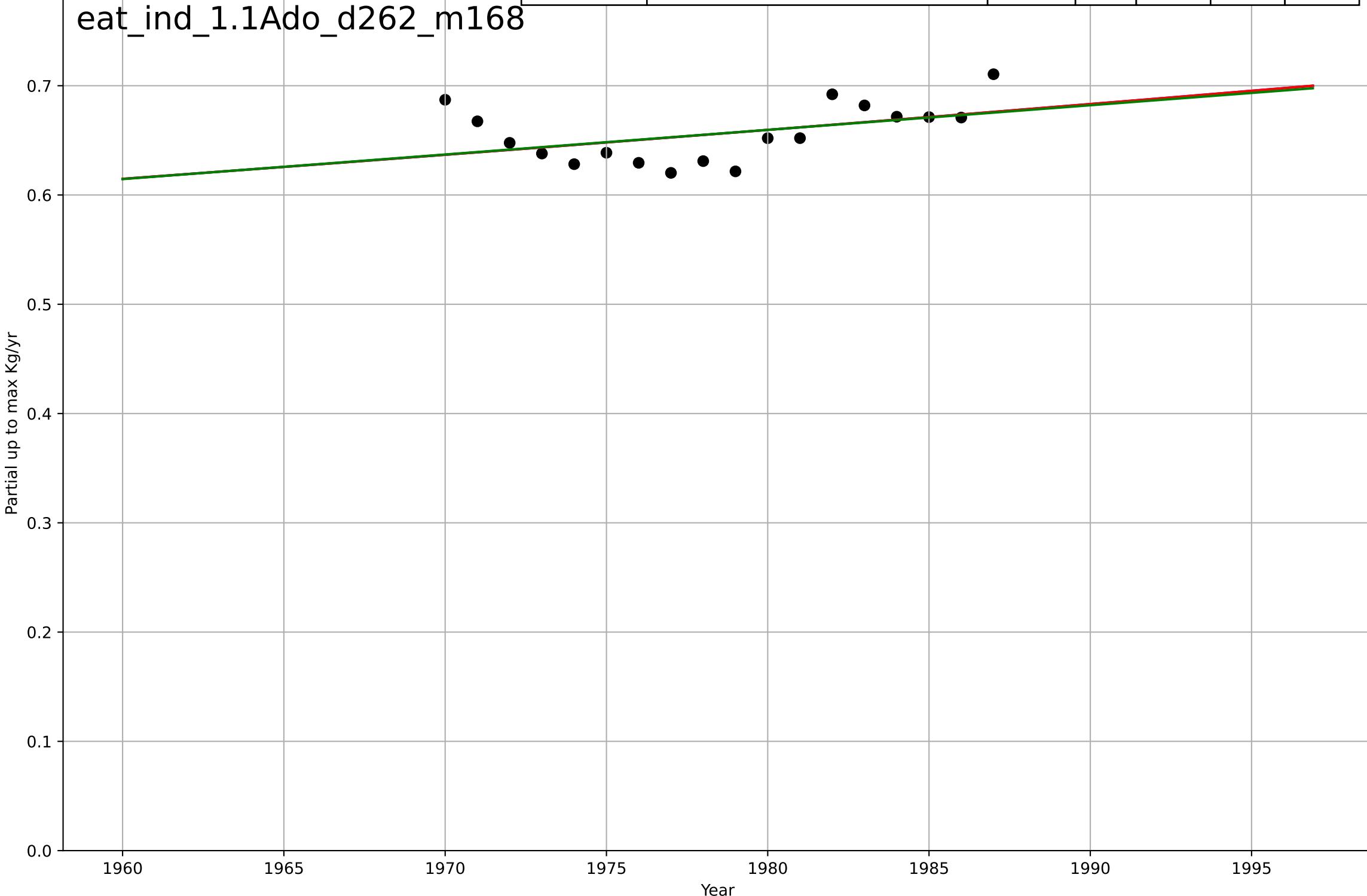
1.1 Adoption over time

Partial up to max per capita sheep & goat consu

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4055, D_t=1.25e+03, K=983$	0.00352	0.209	0.0398	0.023	0.0184
Exponential	$16 \cdot \exp(0.00352 \cdot (x - 2886))$	0.00352	0.209	0.104	0.023	0.0184
Linear	intercept=-3.8, slope=0.00225	0.00225	0.204	0.0981	0.0231	0.0185

eat\_ind\_1.1Ado\_d262\_m168



eating less meat

India

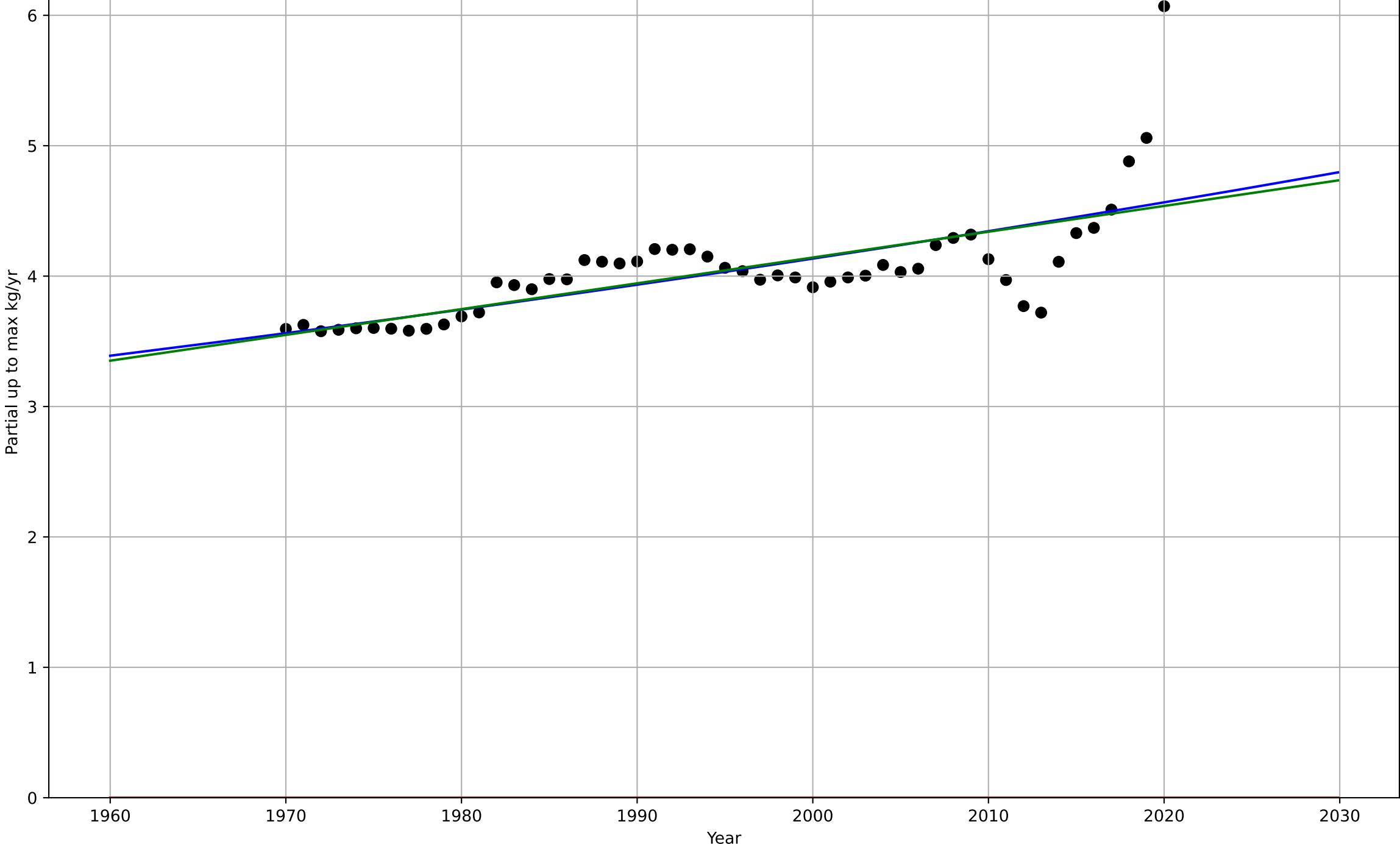
1.1 Adoption over time

Partial up to max per capita total meat consumption

Partial up to max kg/yr

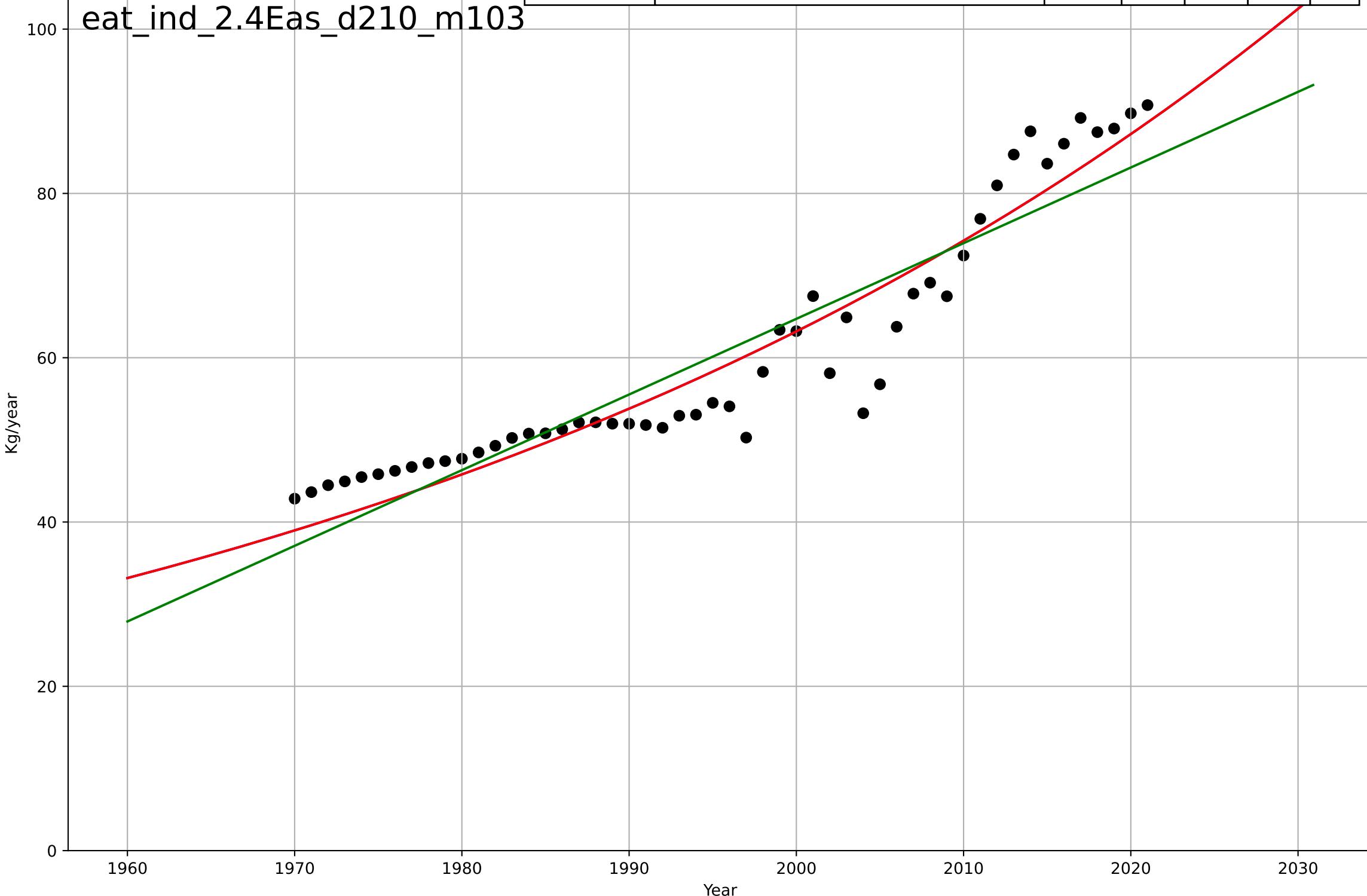
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3621, D_t=885, K=1.29e+04$	0.00496	0.486	0.453	0.302	0.188
Exponential	$1.56e+03 \cdot \exp(0.00251 \cdot (x-157287))$	0.00251	-92.4	-96.3	4.07	4.04
Linear	intercept=-35.4, slope=0.0198	0.0198	0.479	0.457	0.304	0.188

eat\_ind\_1.1Ado\_d263\_m168



eating less meat  
 India  
 2.4 Ease of Use  
 Vegetable consumption per capita  
 Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2708, D_t=273, K=5.71e+06$	0.0161	0.907	0.902	4.54	3.65
Exponential	$5.37 \cdot \exp(0.0161 \cdot (x-1847))$	0.0161	0.907	0.904	4.54	3.65
Linear	intercept=-1.78e+03, slope=0.921	0.921	0.858	0.852	5.63	4.64



eating less meat

India

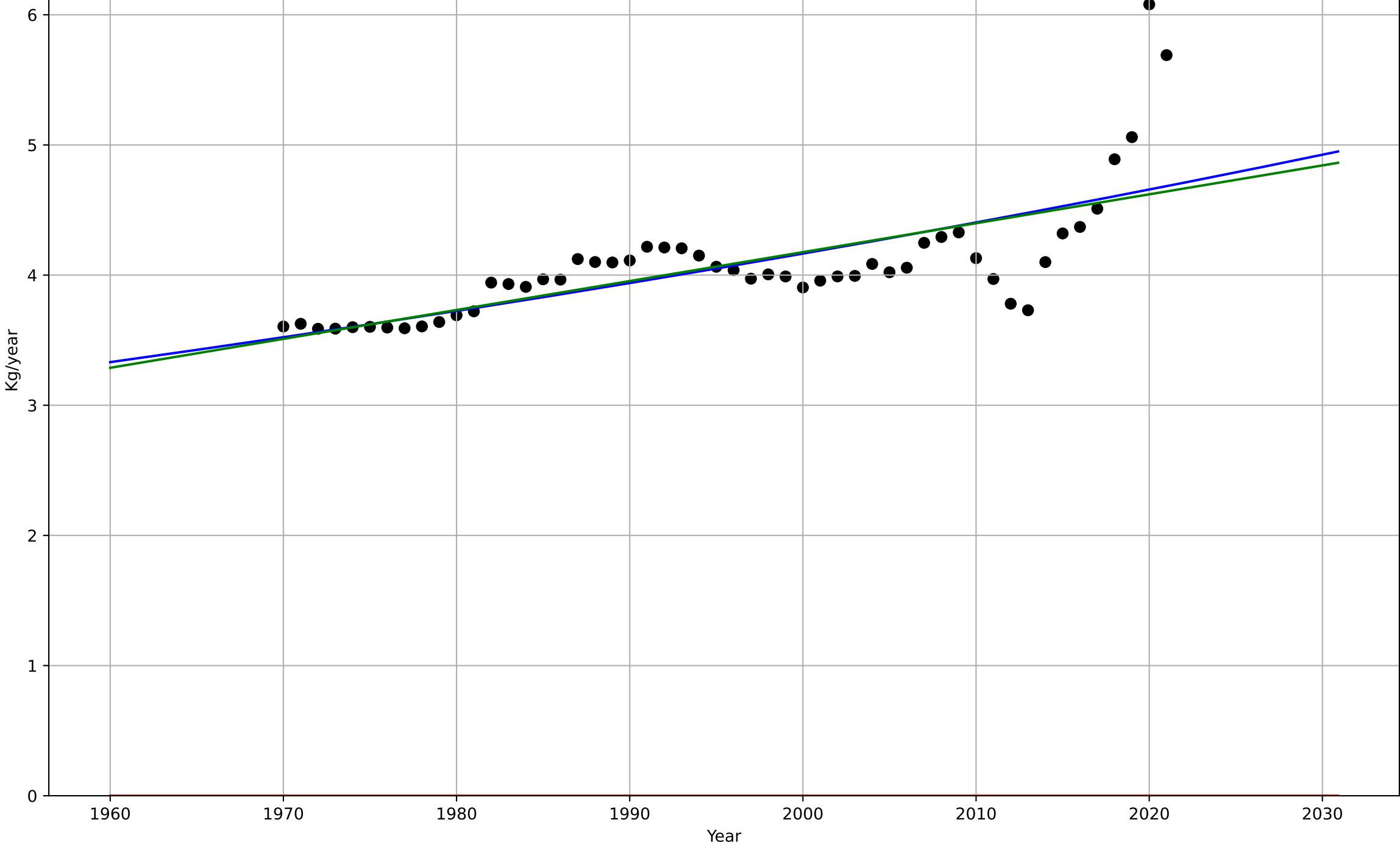
4.5 Physical Infrastructure Dependence

Meat supply/person

Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3551, D_t=787, K=2.41e+04$	0.00559	0.506	0.475	0.333	0.217
Exponential	$1.56e+03 \cdot \exp(0.00274 \cdot (x-157292))$	0.00274	-73.9	-77	4.1	4.08
Linear	intercept=-40.3, slope=0.0222	0.0222	0.494	0.474	0.337	0.216

eat\_ind\_4.5Inf\_d120\_m103



eating less meat

Japan

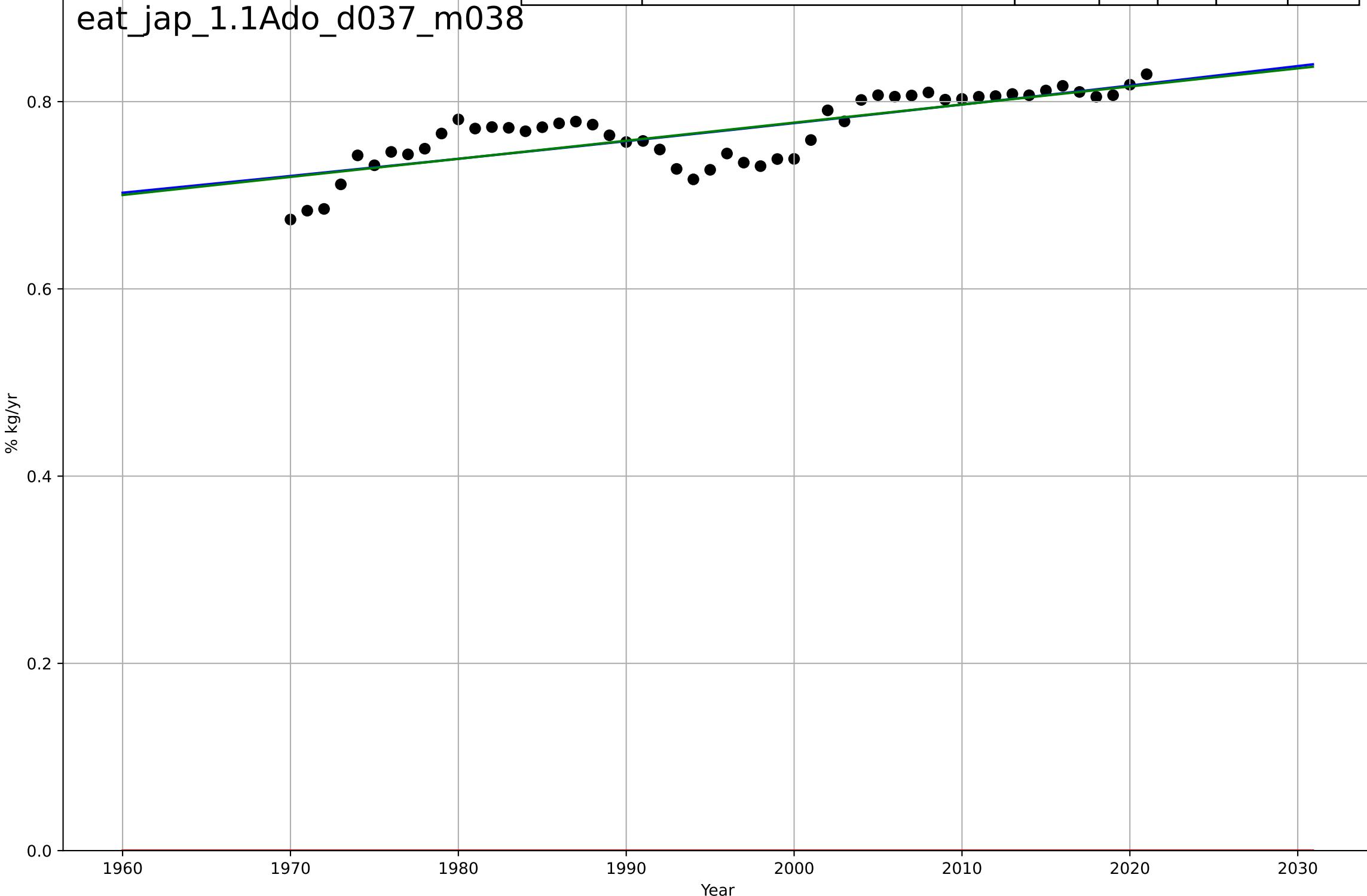
1.1 Adoption over time

% poultry+pig in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4303, D_t=1.74e+03, K=260$	0.00252	0.604	0.579	0.0235	0.0191
Exponential	$1.56e+03 \cdot \exp(0.00111 \cdot (x-157413))$	0.00111	-424	-441	0.77	0.769
Linear	intercept=-3.09, slope=0.00193	0.00193	0.603	0.587	0.0235	0.0191

eat\_jap\_1.1Ado\_d037\_m038



eating less meat

Japan

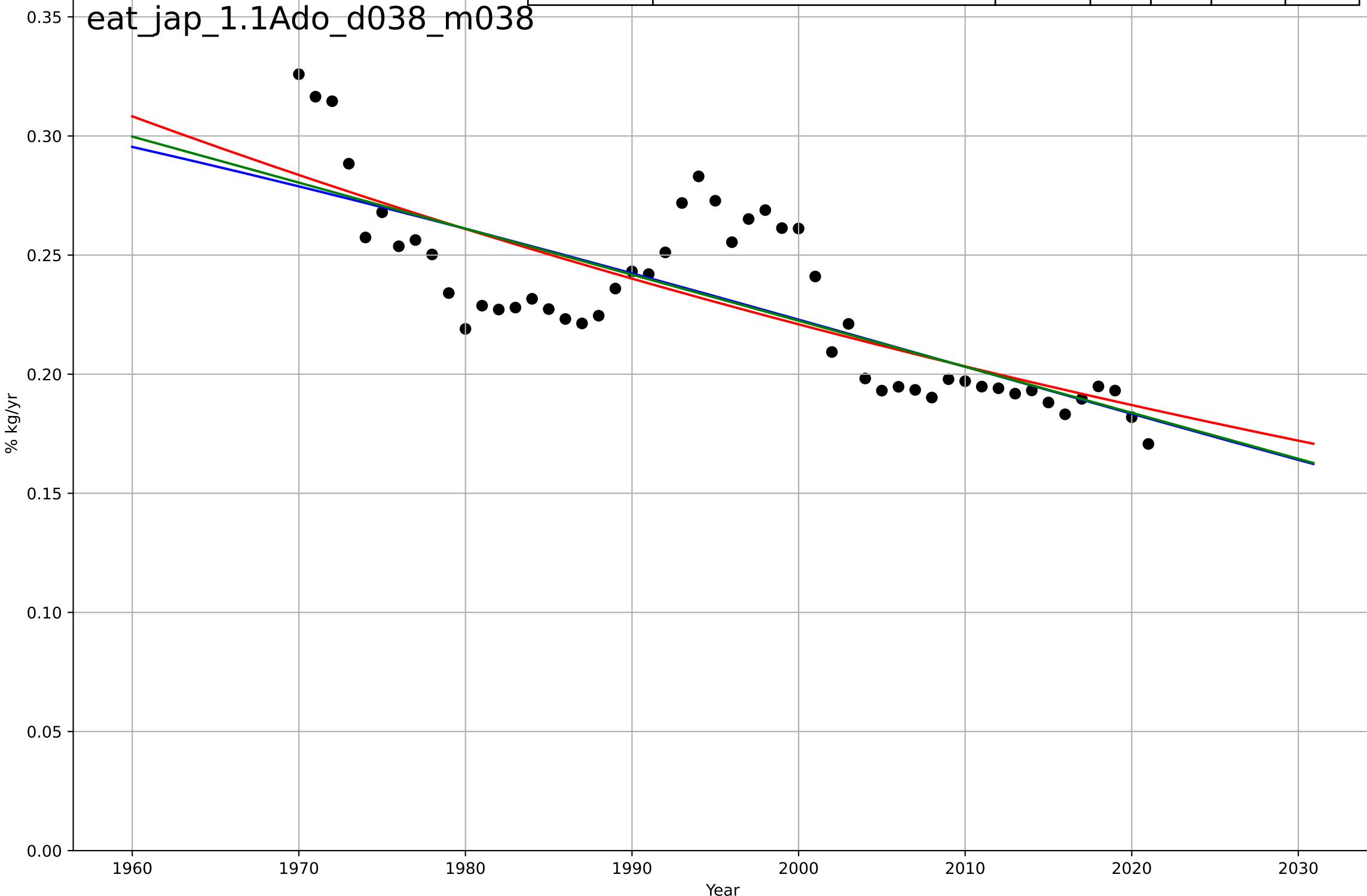
1.1 Adoption over time

% red in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=-227, K=0.409$	-0.0194	0.602	0.577	0.0236	0.0191
Exponential	$0.113 \cdot \exp(-0.00833 \cdot (x-2080))$	-0.00833	0.6	0.584	0.0236	0.0194
Linear	intercept=4.09, slope=-0.00193	-0.00193	0.603	0.587	0.0235	0.0191

eat\_jap\_1.1Ado\_d038\_m038



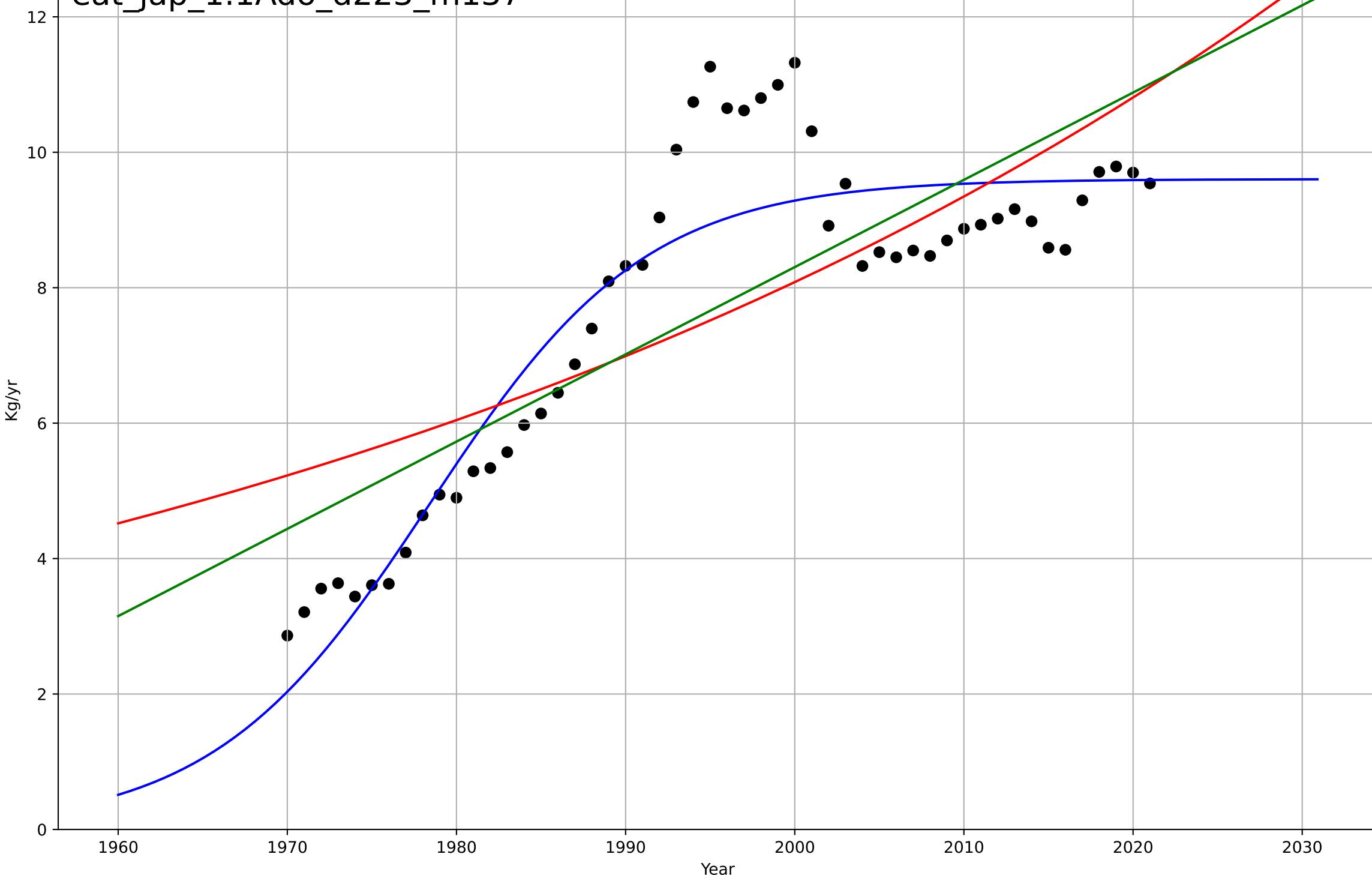
eating less meat

Japan

1.1 Adoption over time  
per capita beef consumption  
Kg/yr

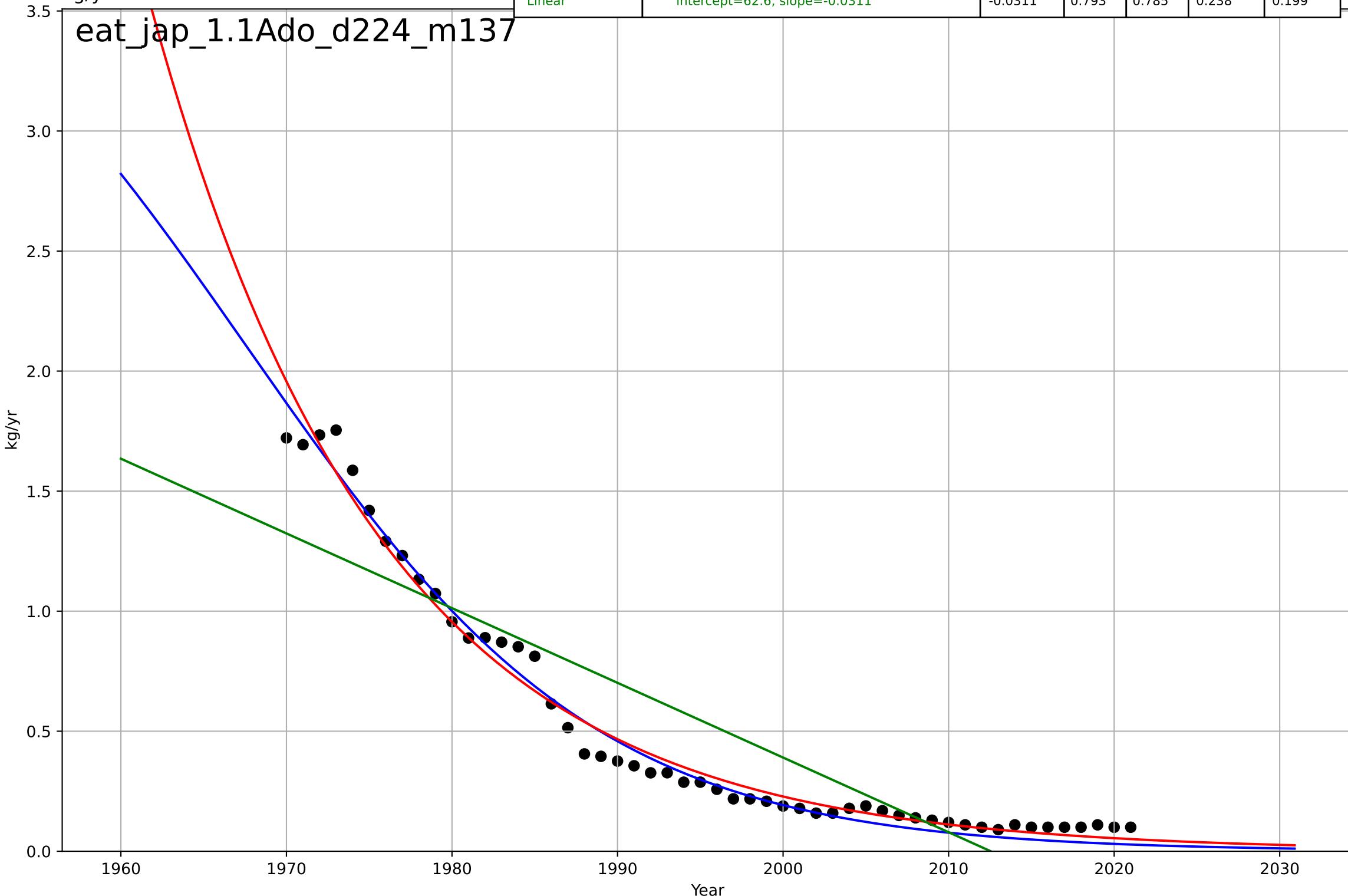
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1978, D_t=28.1, K=9.6$	0.156	0.858	0.849	0.928	0.742
Exponential	$10.4 \cdot \exp(0.0145 \cdot (x-2018))$	0.0145	0.539	0.52	1.67	1.38
Linear	intercept=-249, slope=0.129	0.129	0.617	0.602	1.52	1.27

eat\_jap\_1.1Ado\_d223\_m137



eating less meat  
 Japan  
 1.1 Adoption over time  
 per capita other meat consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1968, D_t=-46.8, K=4.2$	-0.0938	0.985	0.984	0.0643	0.0517
Exponential	$0.726 \cdot \exp(-0.0717 \cdot (x-1984))$	-0.0717	0.981	0.98	0.0718	0.0532
Linear	intercept=62.6, slope=-0.0311	-0.0311	0.793	0.785	0.238	0.199



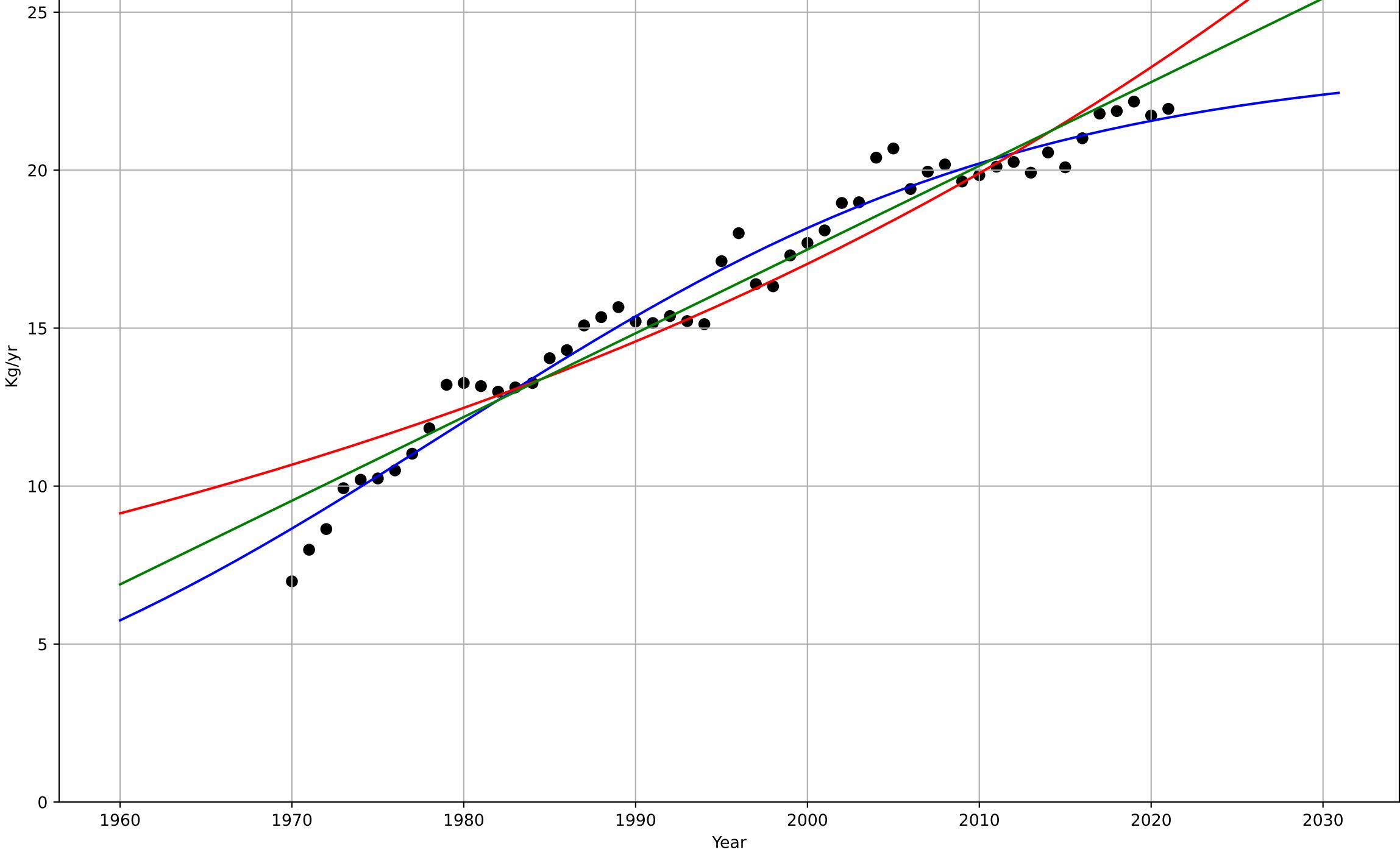
eating less meat

Japan

1.1 Adoption over time  
per capita pig consumption  
Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1979, D_t=74.8, K=23.5$	0.0588	0.97	0.968	0.705	0.559
Exponential	$6.83 \cdot \exp(0.0156 \cdot (x-1941))$	0.0156	0.913	0.909	1.21	0.936
Linear	intercept=-512, slope=0.265	0.265	0.952	0.95	0.893	0.708

eat\_jap\_1.1Ado\_d225\_m137



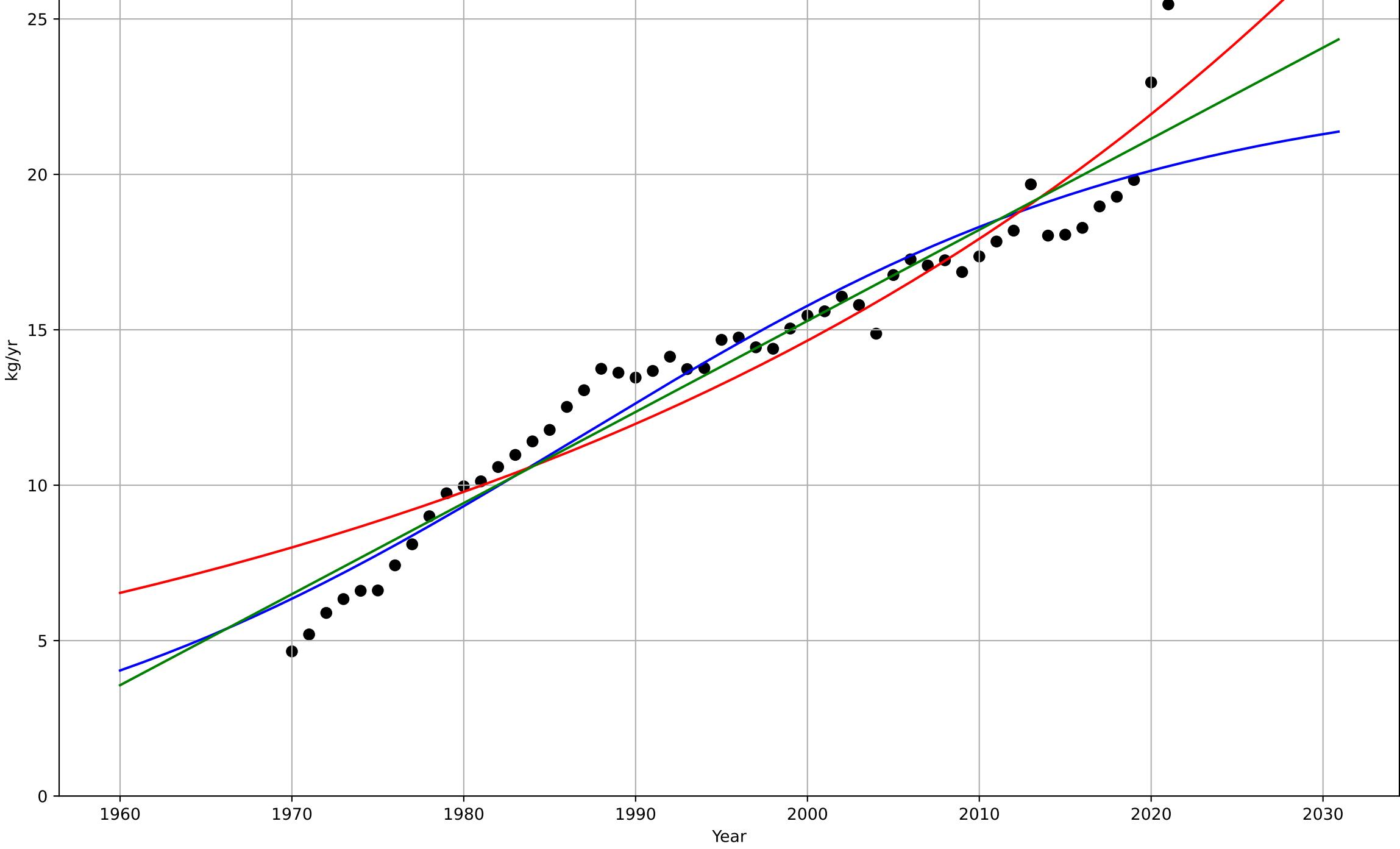
eating less meat

Japan

1.1 Adoption over time  
per capita poultry consumption  
kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1987, D_t=75.5, K=23$	0.0582	0.931	0.927	1.19	0.888
Exponential	$7.99 \cdot \exp(0.0202 \cdot (x-1970))$	0.0202	0.901	0.896	1.43	1.19
Linear	intercept=-571, slope=0.293	0.293	0.936	0.934	1.15	0.914

eat\_jap\_1.1Ado\_d226\_m137



eating less meat

Japan

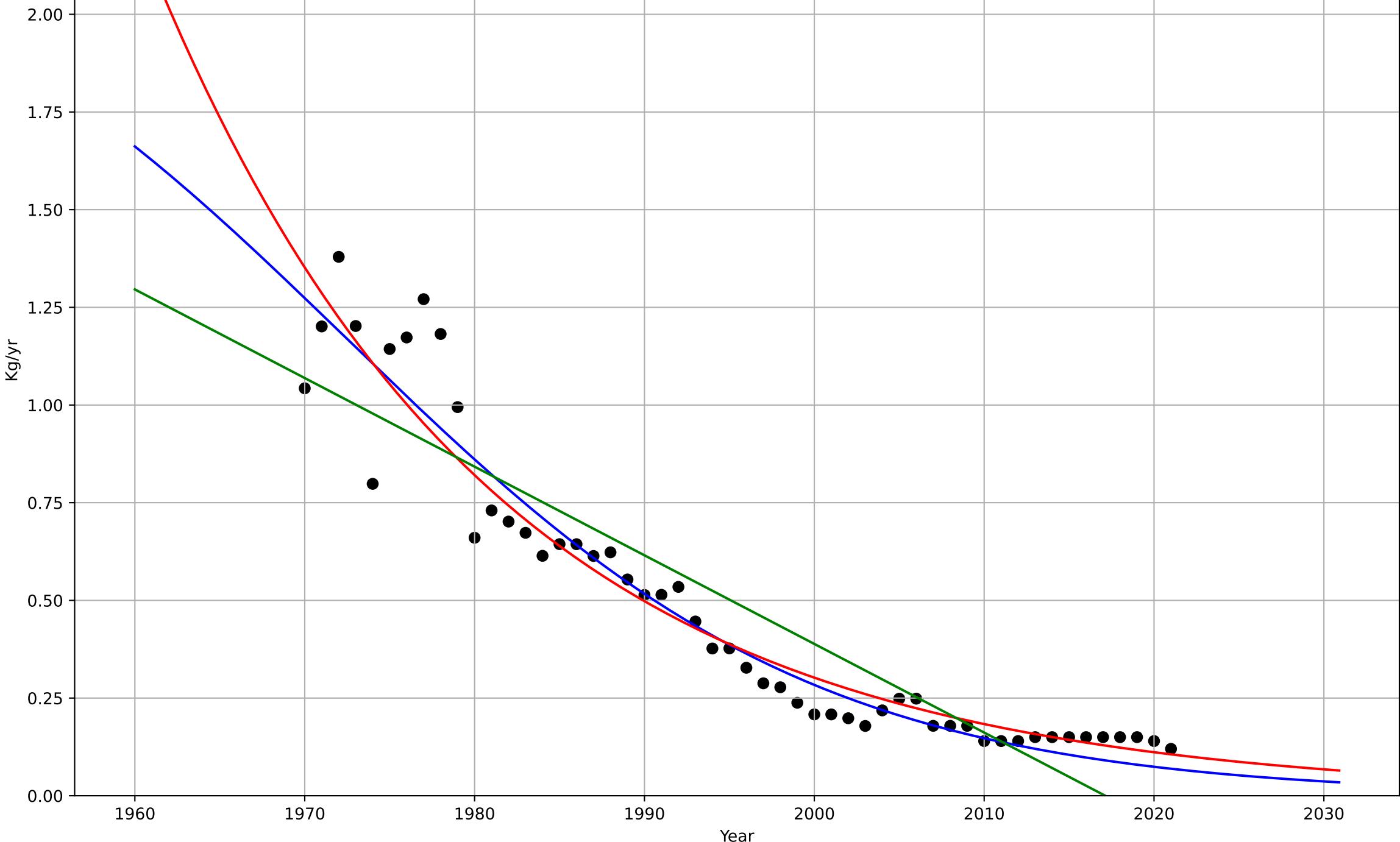
1.1 Adoption over time

per capita sheep & goat consumption

Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1973, D_t=-61, K=2.34$	-0.072	0.929	0.925	0.0987	0.0679
Exponential	$0.579 \cdot \exp(-0.0499 \cdot (x-1987))$	-0.0499	0.922	0.918	0.104	0.0686
Linear	intercept=45.8, slope=-0.0227	-0.0227	0.841	0.834	0.148	0.124

eat\_jap\_1.1Ado\_d227\_m137



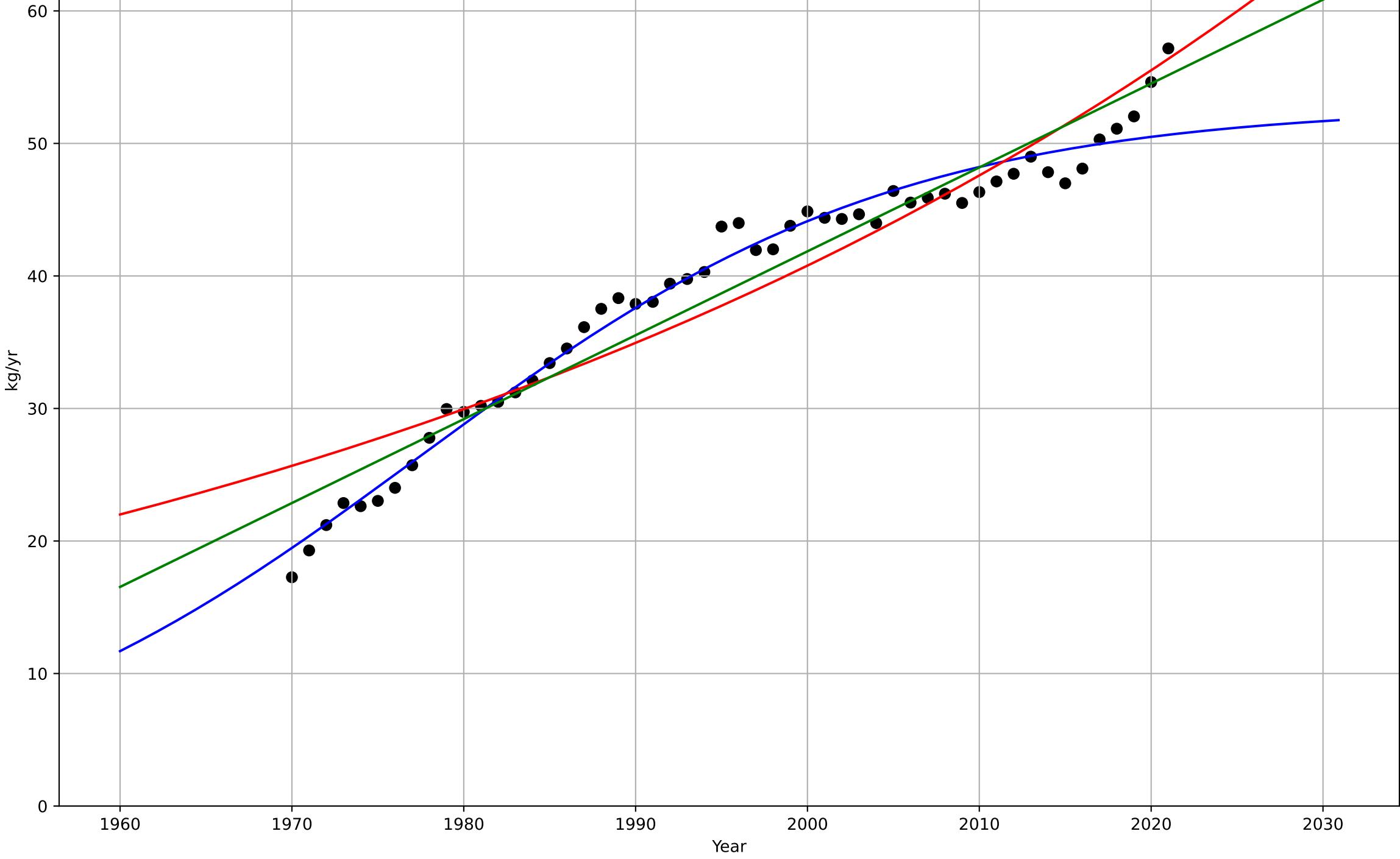
eating less meat

Japan

1.1 Adoption over time  
per capita total meat consumption  
kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1977, D_t=61, K=52.9$	0.072	0.973	0.972	1.6	1.14
Exponential	$6.34 \cdot \exp(0.0154 \cdot (x-1879))$	0.0154	0.894	0.89	3.19	2.6
Linear	intercept=-1.22e+03, slope=0.633	0.633	0.94	0.937	2.41	2.01

eat\_jap\_1.1Ado\_d228\_m137



eating less meat

Japan

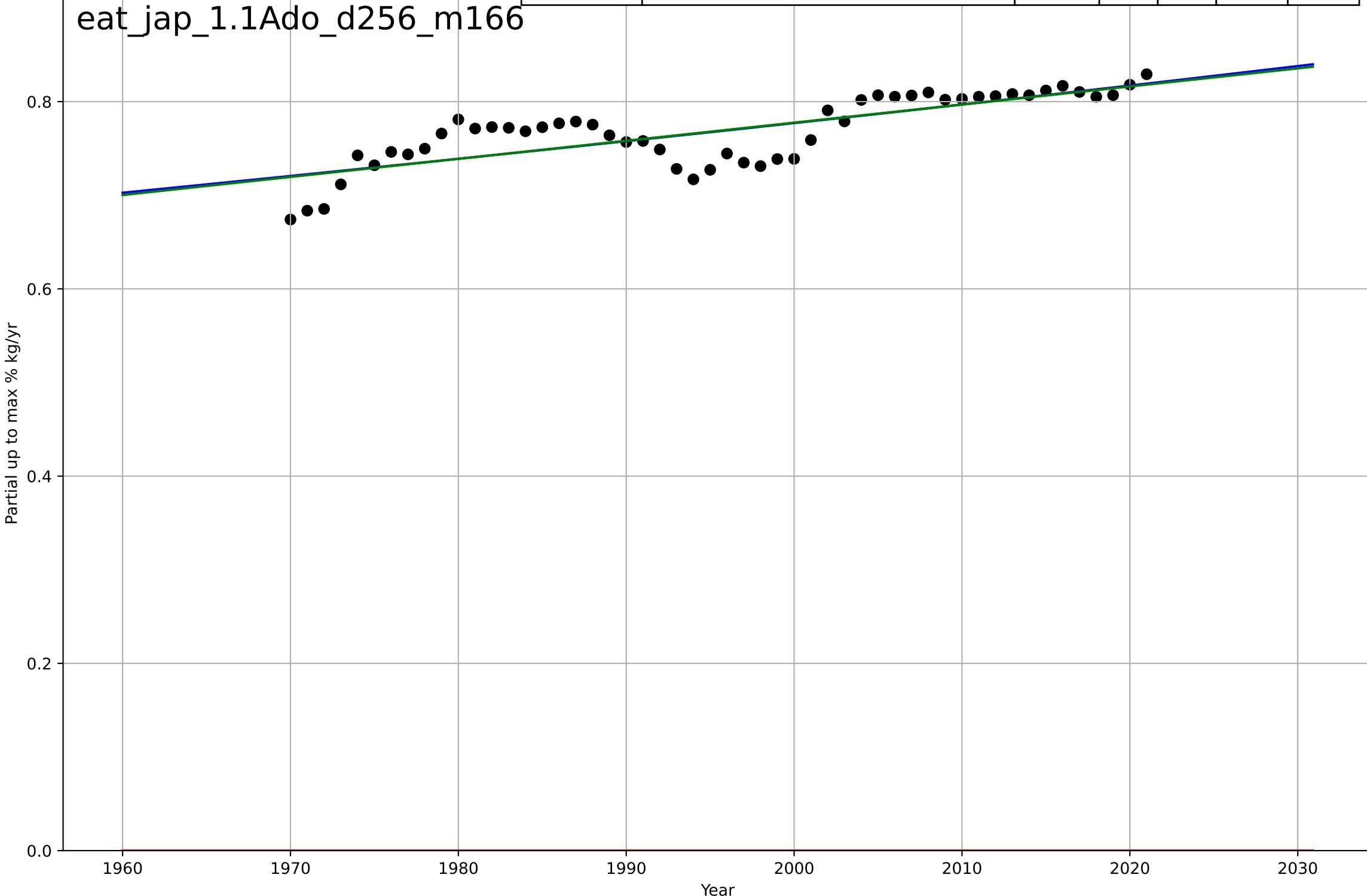
1.1 Adoption over time

Partial up to max % poultry+pig in total meat consumption

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4303, D_t=1.74e+03, K=260$	0.00252	0.604	0.579	0.0235	0.0191
Exponential	$1.56e+03 \cdot \exp(0.00111 \cdot (x-157413))$	0.00111	-424	-441	0.77	0.769
Linear	intercept=-3.09, slope=0.00193	0.00193	0.603	0.587	0.0235	0.0191

eat\_jap\_1.1Ado\_d256\_m166



eating less meat

Japan

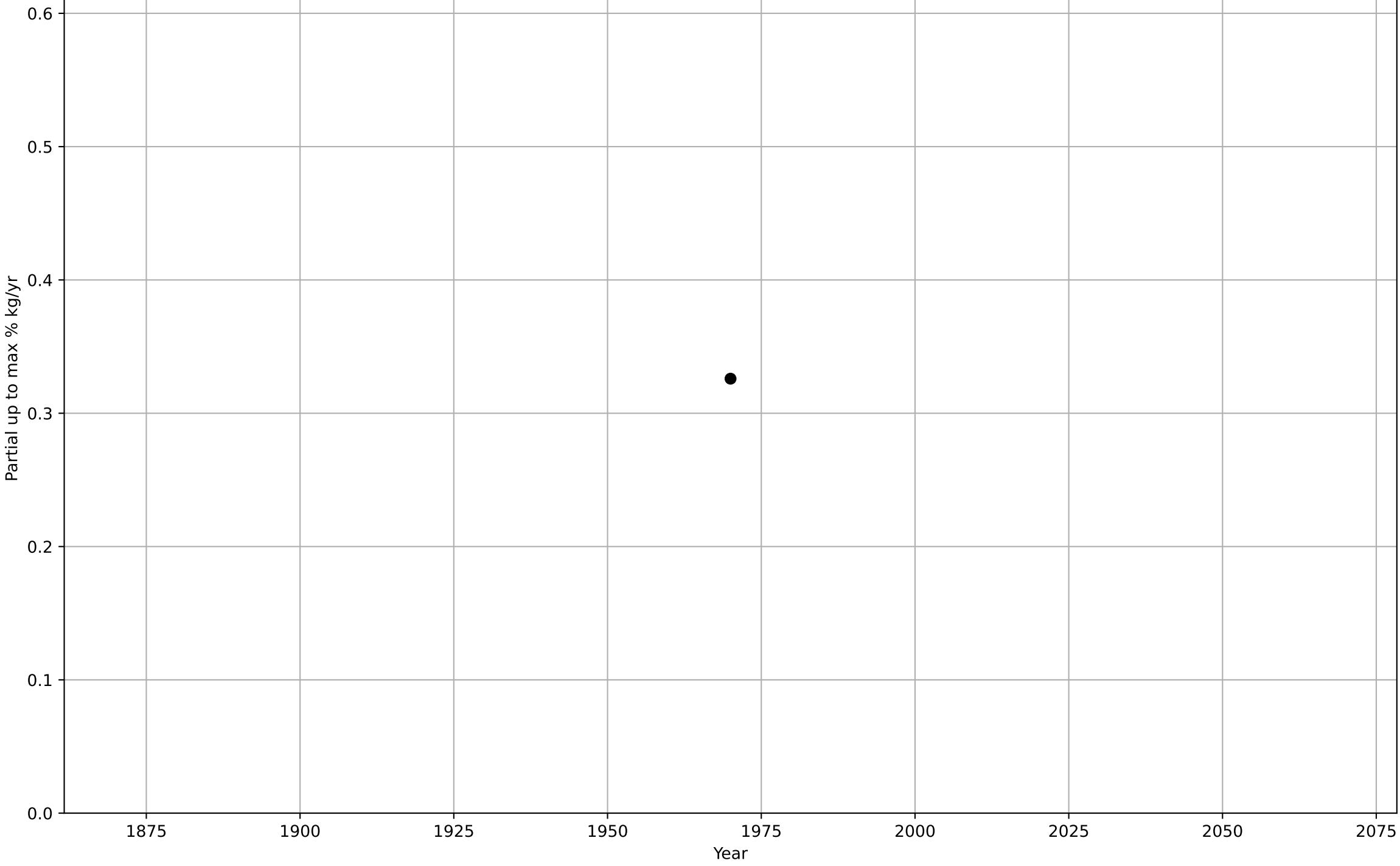
1.1 Adoption over time

Partial up to max % red in total meat consumpt

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=nan, slope=nan	nan	nan	nan	nan	nan

eat\_jap\_1.1Ado\_d257\_m166



eating less meat

Japan

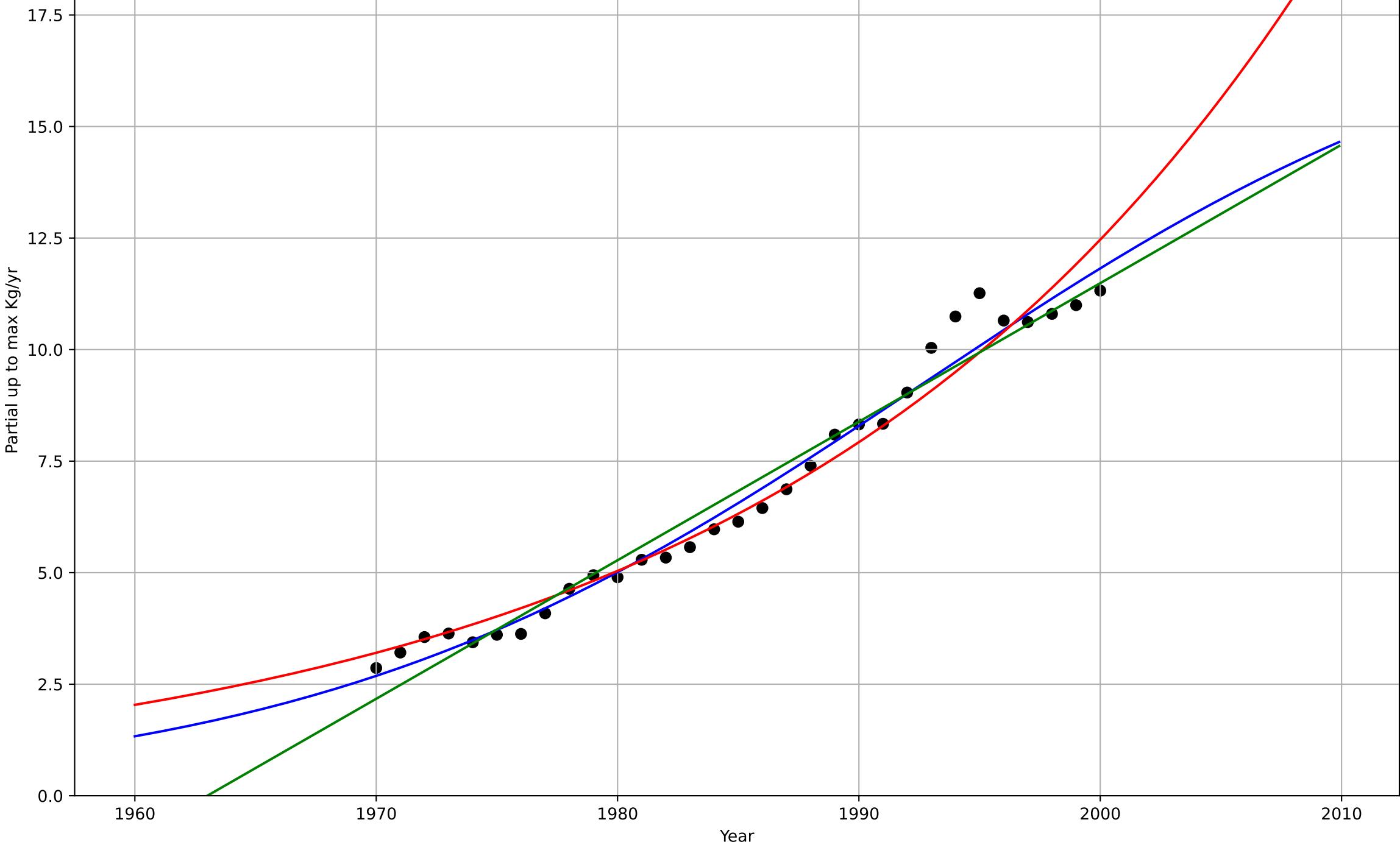
1.1 Adoption over time

Partial up to max per capita beef consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1993, D_t=56.1, K=18.4$	0.0784	0.979	0.977	0.41	0.319
Exponential	$10.6 \cdot \exp(0.0453 \cdot (x-1996))$	0.0453	0.966	0.963	0.524	0.374
Linear	intercept=-610, slope=0.311	0.311	0.965	0.962	0.53	0.414

eat\_jap\_1.1Ado\_d258\_m168



eating less meat

Japan

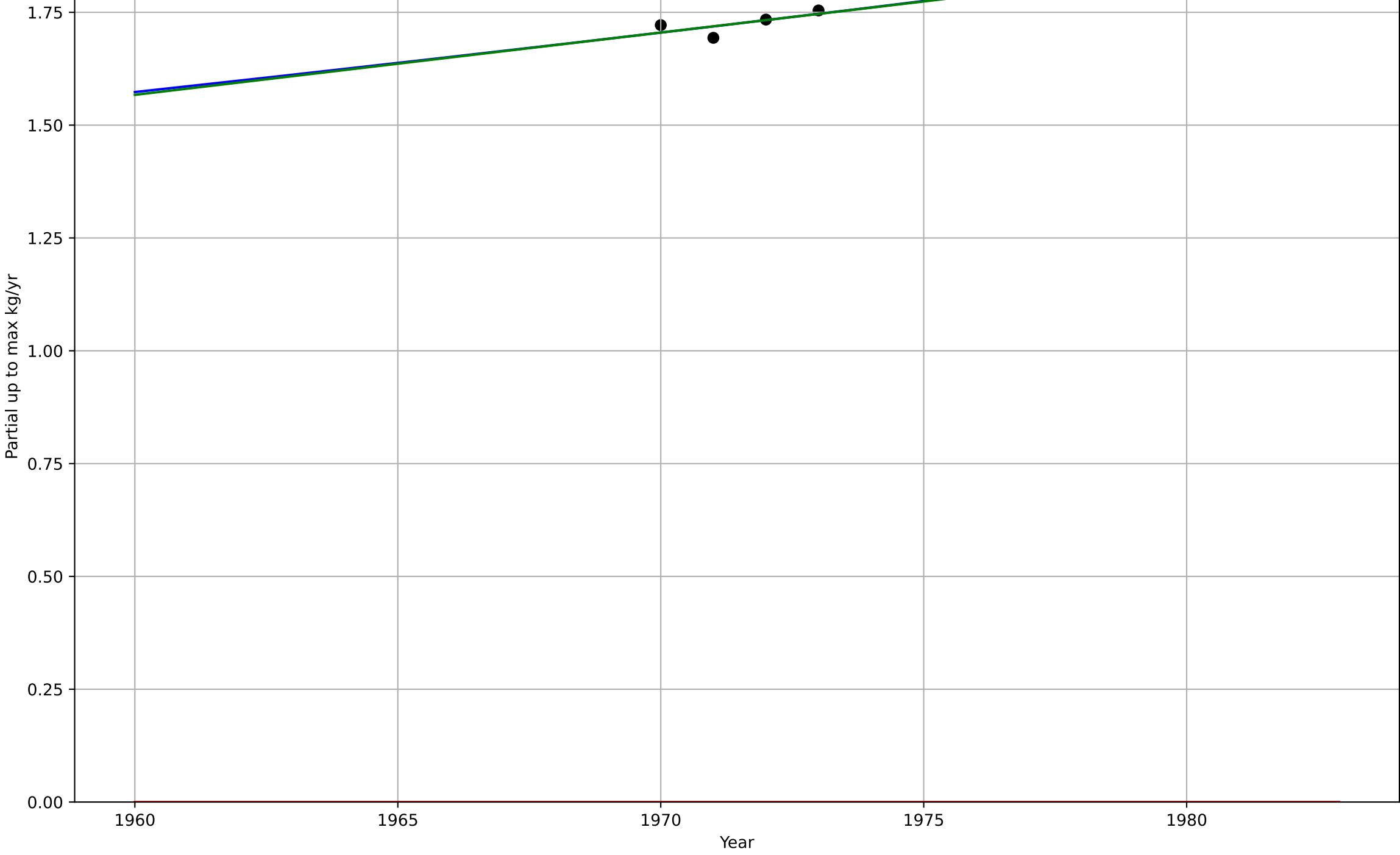
1.1 Adoption over time

Partial up to max per capita other meat consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2701, Dt=545, K=619	0.00806	0.496	-inf	0.0156	0.0127
Exponential	1.56e+03*exp(0.00218*(x-157345))	0.00218	-6.17e+03	-1.85e+04	1.73	1.73
Linear	intercept=-25.5, slope=0.0138	0.0138	0.493	-0.521	0.0156	0.0127

eat\_jap\_1.1Ado\_d259\_m168



eating less meat

Japan

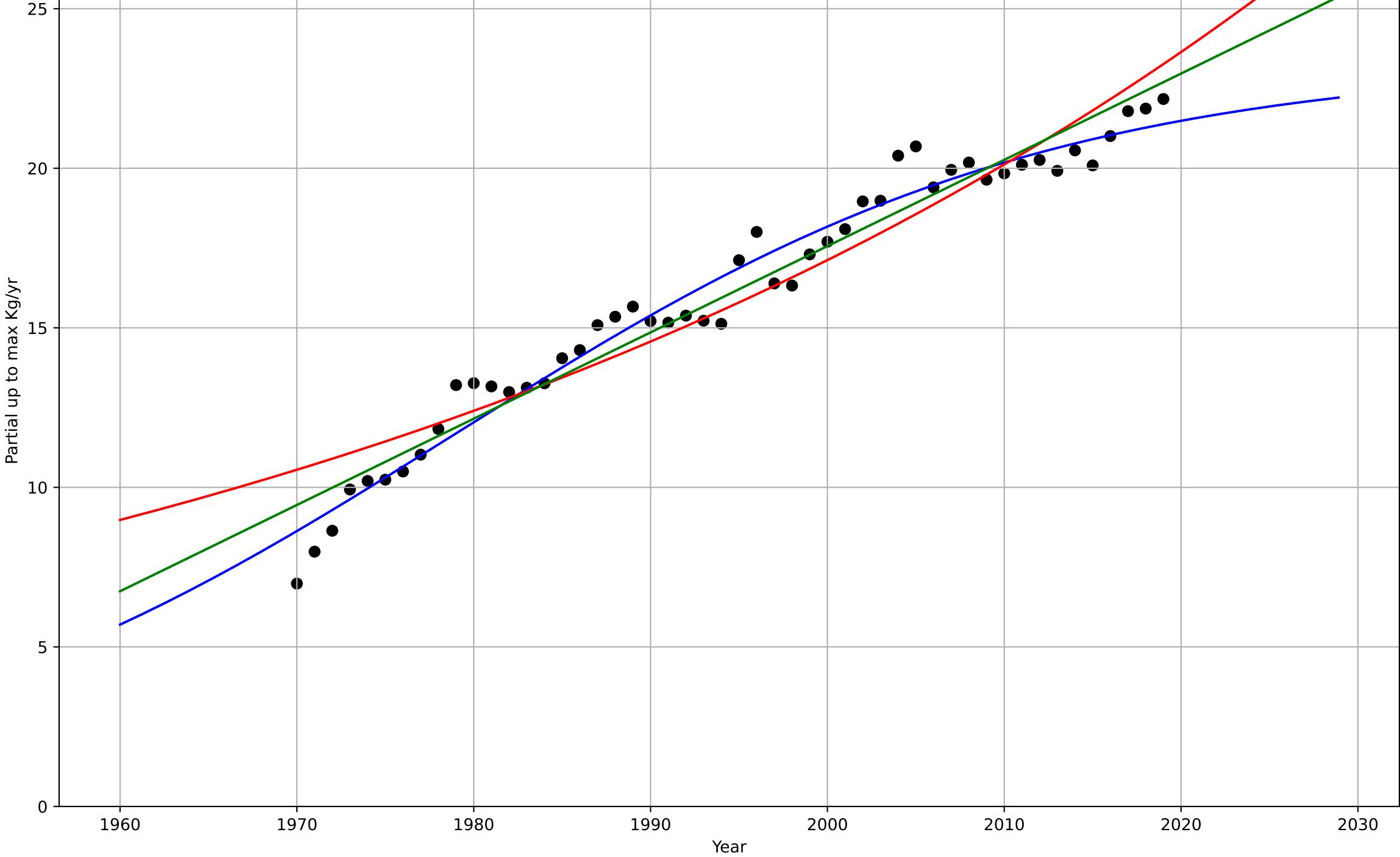
1.1 Adoption over time

Partial up to max per capita pig consumption

Partial up to max Kg/yr

eat\_jap\_1.1Ado\_d260\_m168

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1979, Dt=73.6, K=23.3$	0.0597	0.968	0.966	0.717	0.57
Exponential	$7.25 \cdot \exp(0.0161 \cdot (x-1947))$	0.0161	0.914	0.91	1.18	0.933
Linear	intercept=-523, slope=0.27	0.27	0.952	0.95	0.88	0.701



eating less meat

Japan

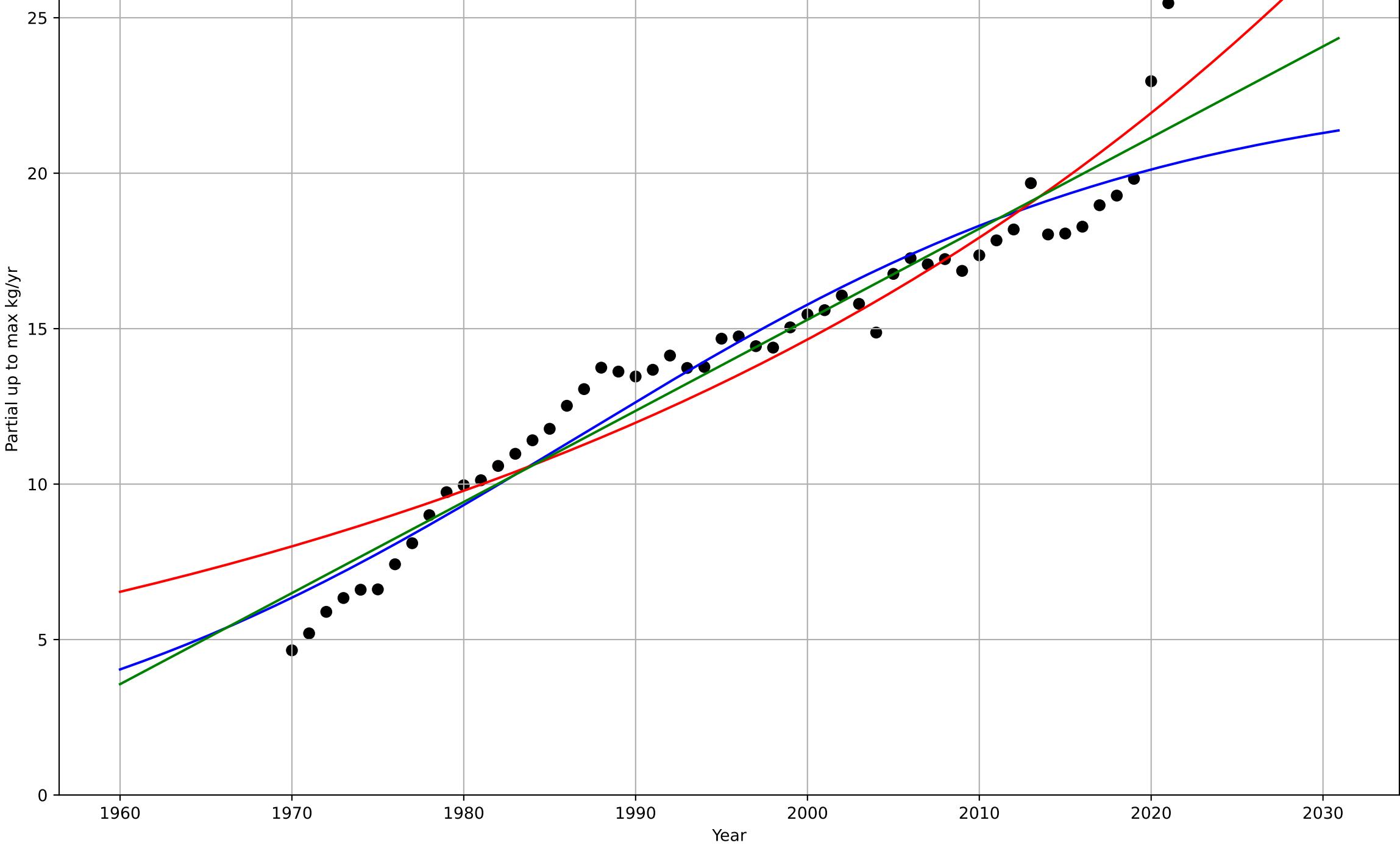
1.1 Adoption over time

Partial up to max per capita poultry consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1987, D_t=75.5, K=23$	0.0582	0.931	0.927	1.19	0.888
Exponential	$7.99 \cdot \exp(0.0202 \cdot (x-1970))$	0.0202	0.901	0.896	1.43	1.19
Linear	intercept=-571, slope=0.293	0.293	0.936	0.934	1.15	0.914

eat\_jap\_1.1Ado\_d261\_m168



eating less meat

Japan

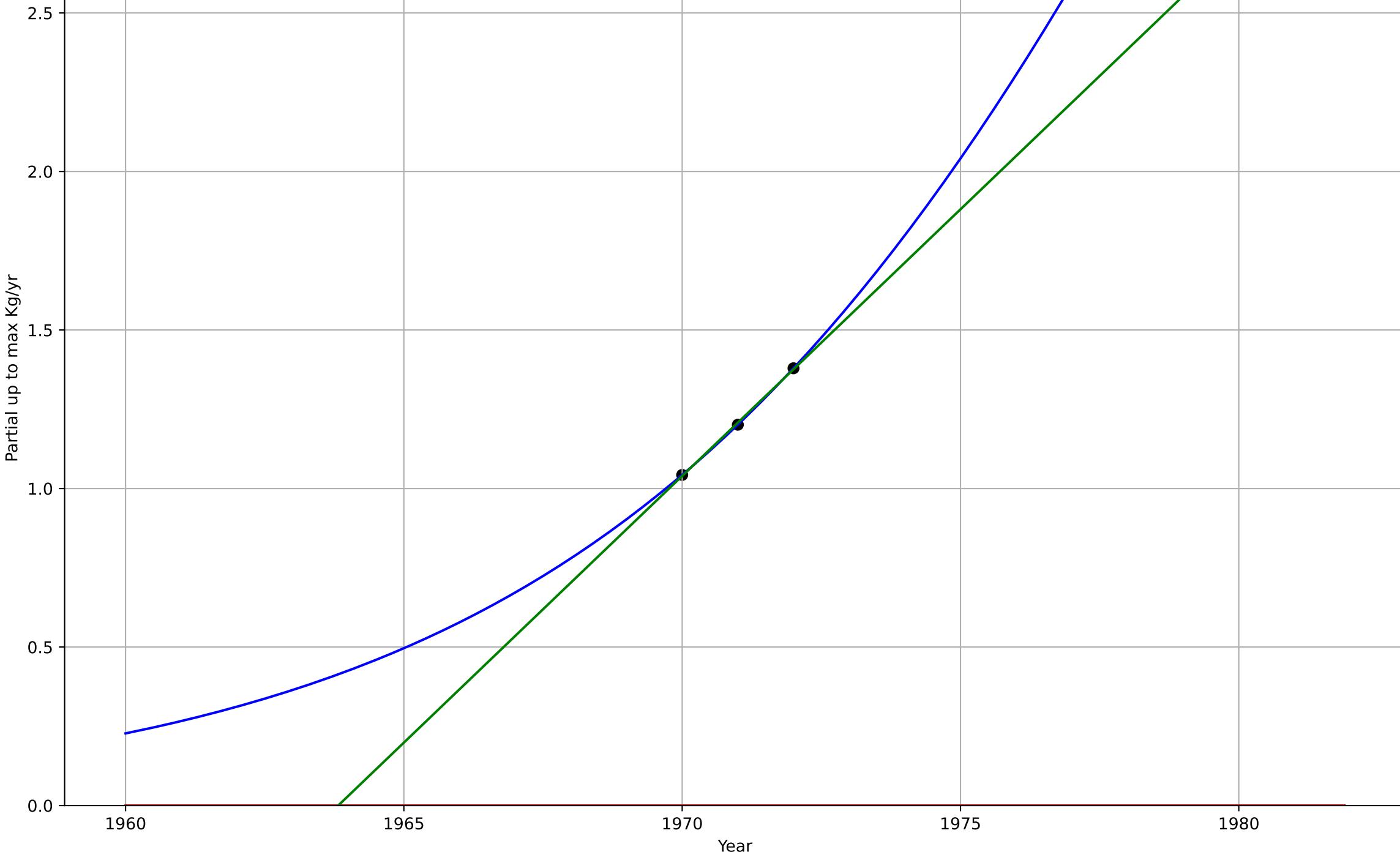
1.1 Adoption over time

Partial up to max per capita sheep & goat consu

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1982, Dt=27.1, K=8.65	0.162	1	1	8.12e-11	8.09e-11
Exponential	1.55e+03*exp(0.0174*(x-157529))	0.0174	-77.2	-inf	1.22	1.21
Linear	intercept=-330, slope=0.168	0.168	0.999	-inf	0.00464	0.00438

eat\_jap\_1.1Ado\_d262\_m168



eating less meat

Japan

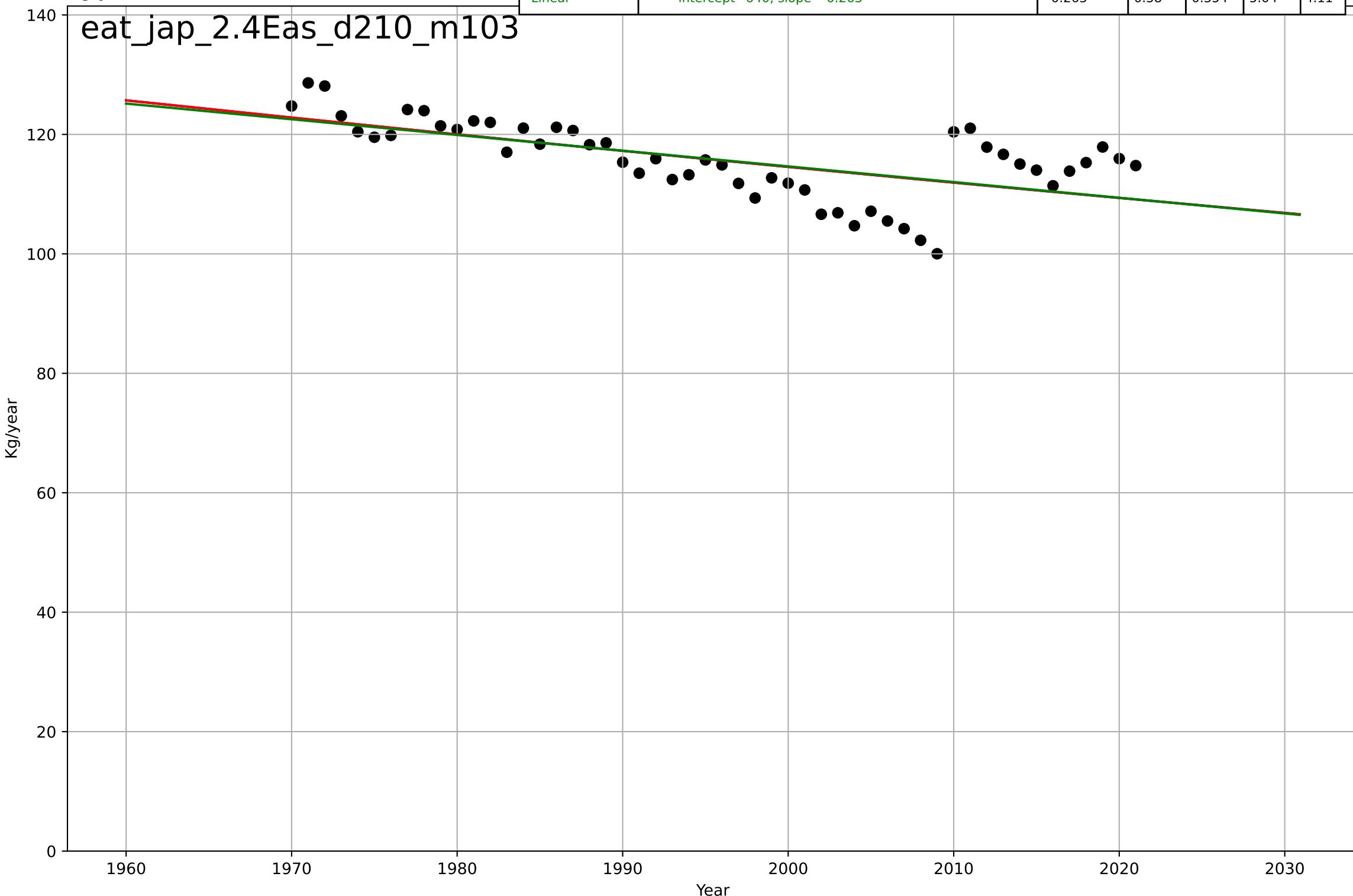
1.1 Adoption over time

Partial up to max per capita total meat consumption

Partial up to max kg/yr

eating less meat  
 Japan  
 2.4 Ease of Use  
 Vegetable consumption per capita  
 Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-1224, D_t=-1.89e+03, K=2.04e+05$	-0.00232	0.388	0.35	5.01	4.08
Exponential	$208 \cdot \exp(-0.00232 \cdot (x-1743))$	-0.00232	0.388	0.363	5.01	4.08
Linear	intercept=640, slope=-0.263	-0.263	0.38	0.354	5.04	4.11



eating less meat

Japan

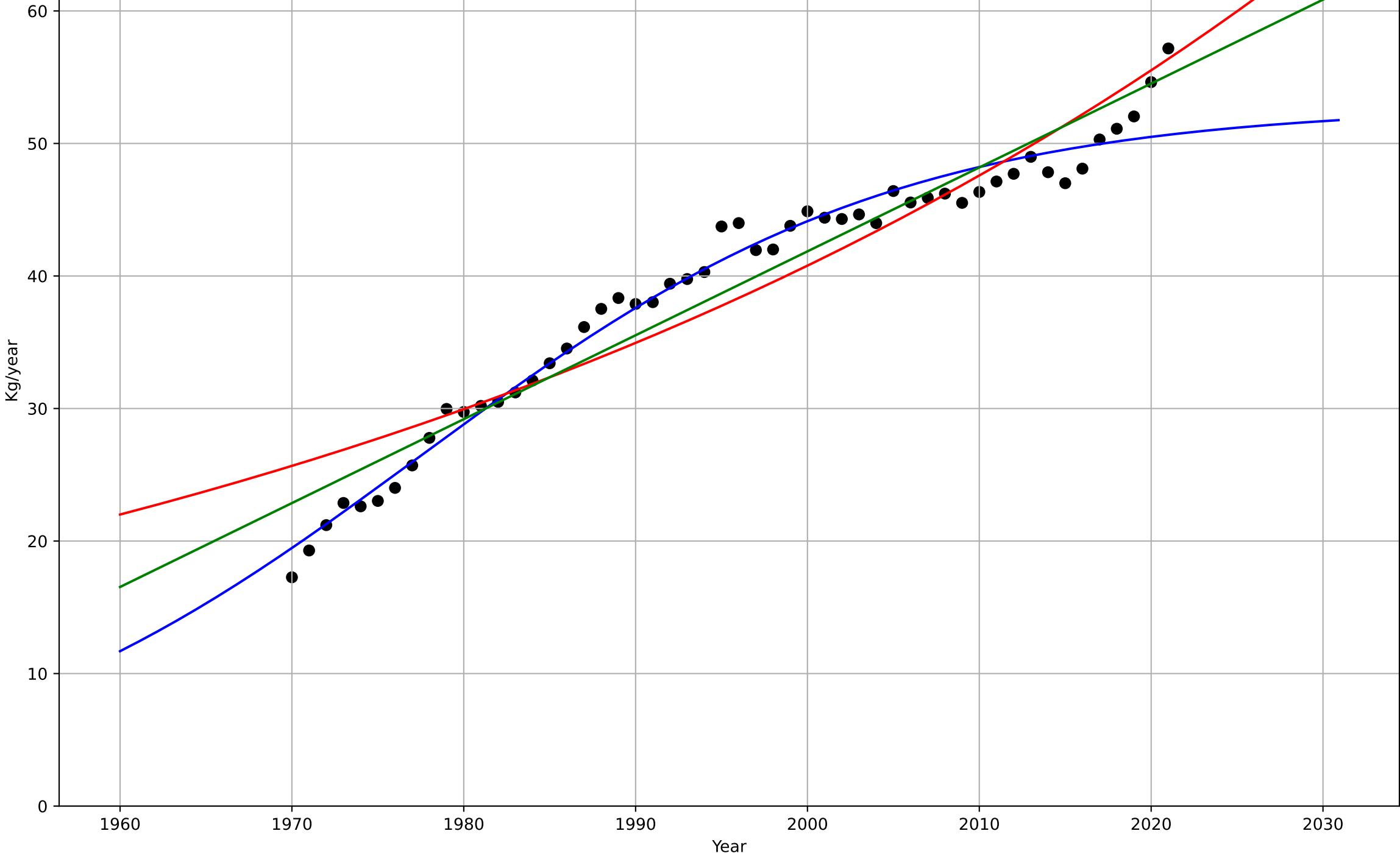
4.5 Physical Infrastructure Dependence

Meat supply/person

Kg/year

eat\_jap\_4.5Inf\_d120\_m103

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1977, Dt=61, K=52.9$	0.072	0.973	0.972	1.6	1.14
Exponential	$6.95 \cdot \exp(0.0154 \cdot (x-1885))$	0.0154	0.894	0.889	3.19	2.6
Linear	intercept=-1.22e+03, slope=0.633	0.633	0.94	0.937	2.41	2.01



eating less meat

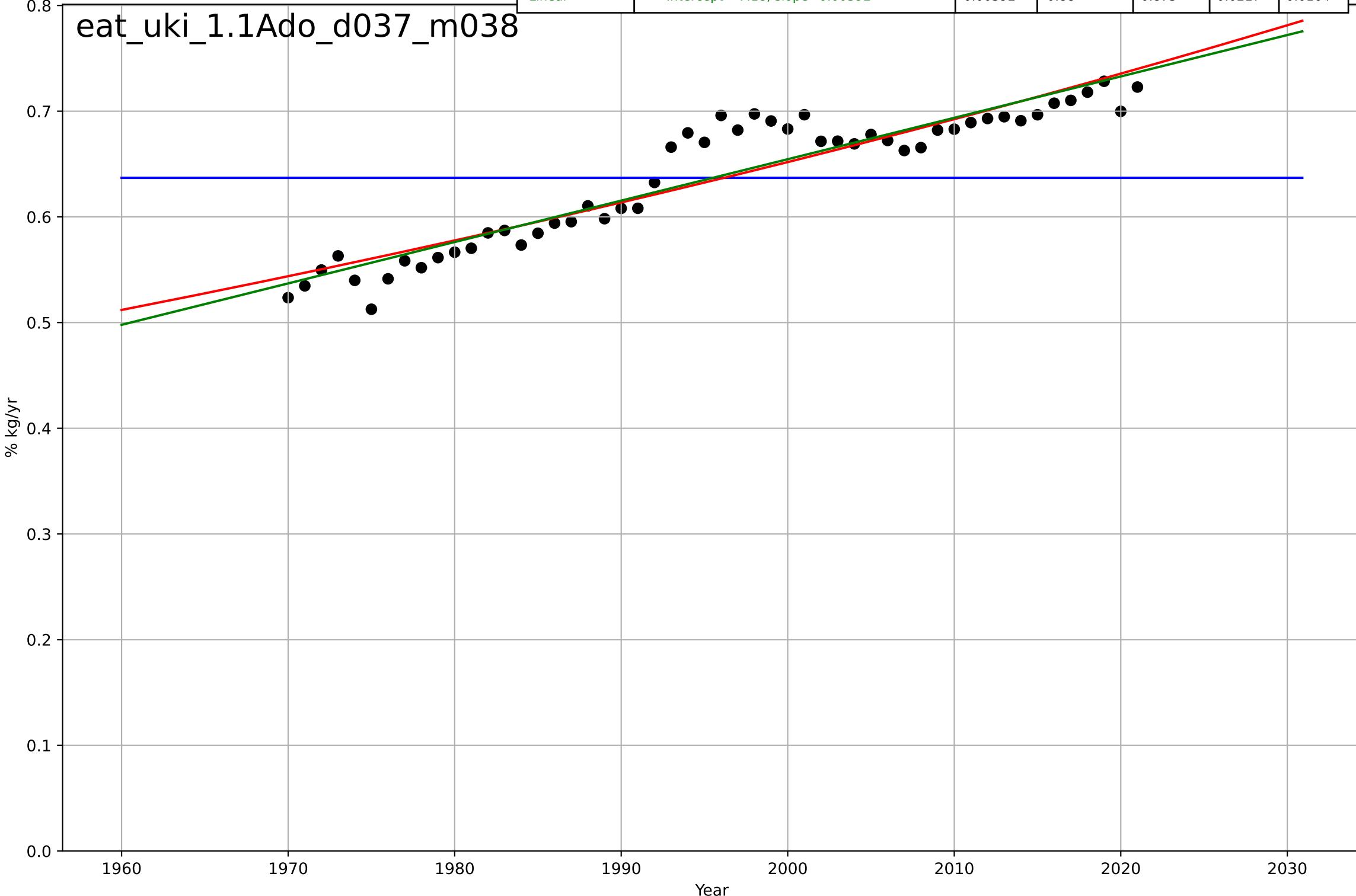
UK

## 1.1 Adoption over time

### % poultry+pig in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=4430, Dt=-285, K=0.637	-0.0154	-1.91e-14	-0.0625	0.0627	0.0576
Exponential	0.153*exp(0.00604*(x-1760))	0.00604	0.864	0.859	0.0231	0.0174
Linear	intercept=-7.18, slope=0.00392	0.00392	0.88	0.875	0.0217	0.0164



eating less meat

UK

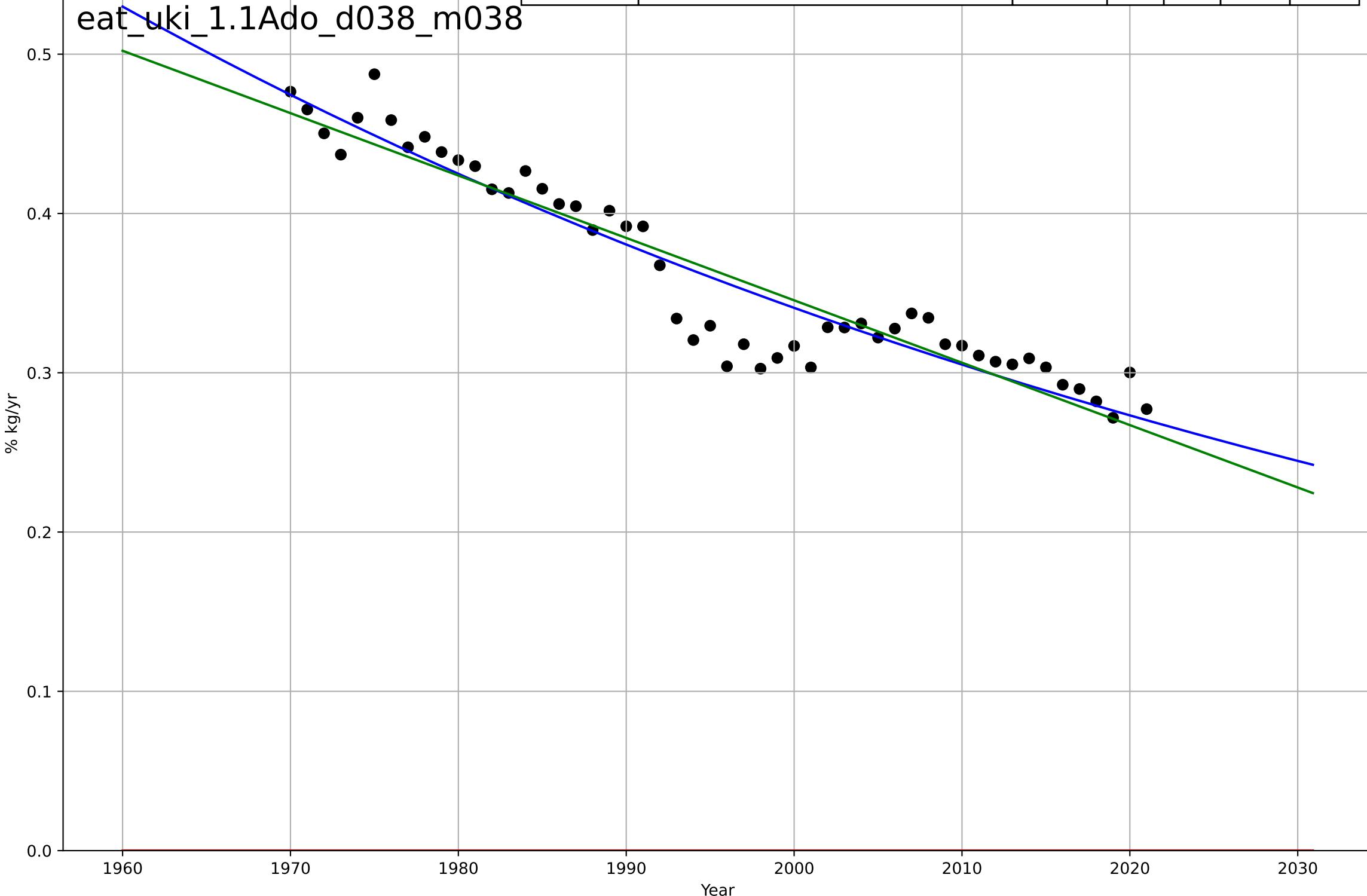
1.1 Adoption over time

% red in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1083, D_t=-398, K=8.47e+03$	-0.011	0.901	0.895	0.0197	0.015
Exponential	$1.56e+03 \cdot \exp(0.000592 \cdot (x-157421))$	0.000592	-33.6	-35	0.368	0.363
Linear	intercept=8.18, slope=-0.00392	-0.00392	0.88	0.875	0.0217	0.0164

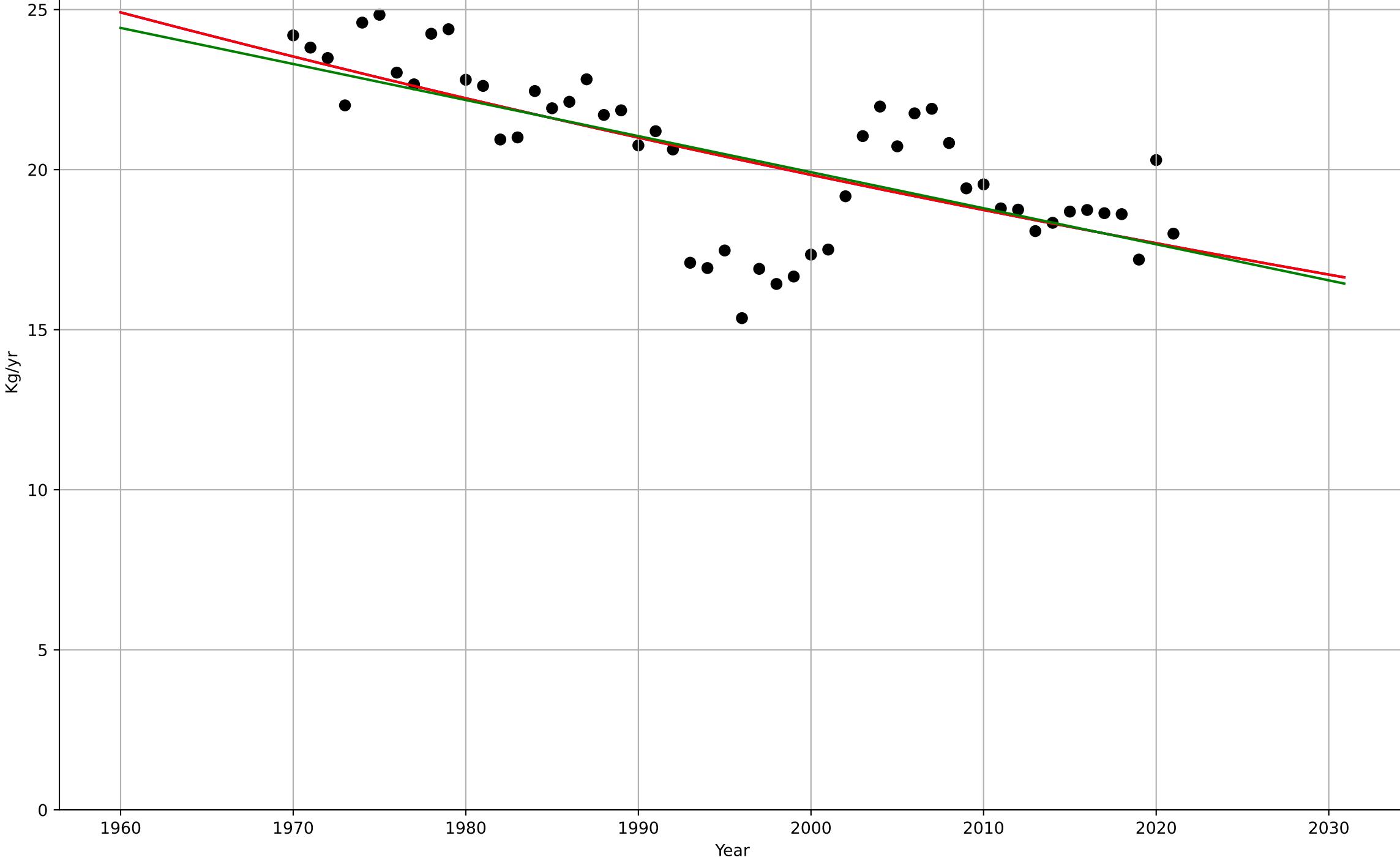
eat\_uki\_1.1Ado\_d038\_m038



eating less meat  
 UK  
 1.1 Adoption over time  
 per capita beef consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=484, D_t=-771, K=1.12e+05$	-0.0057	0.48	0.448	1.79	1.34
Exponential	$28.7 \cdot \exp(-0.0057 \cdot (x-1935))$	-0.0057	0.48	0.459	1.79	1.34
Linear	intercept=245, slope=-0.113	-0.113	0.465	0.443	1.81	1.36

eat\_uki\_1.1Ado\_d223\_m137



eating less meat

UK

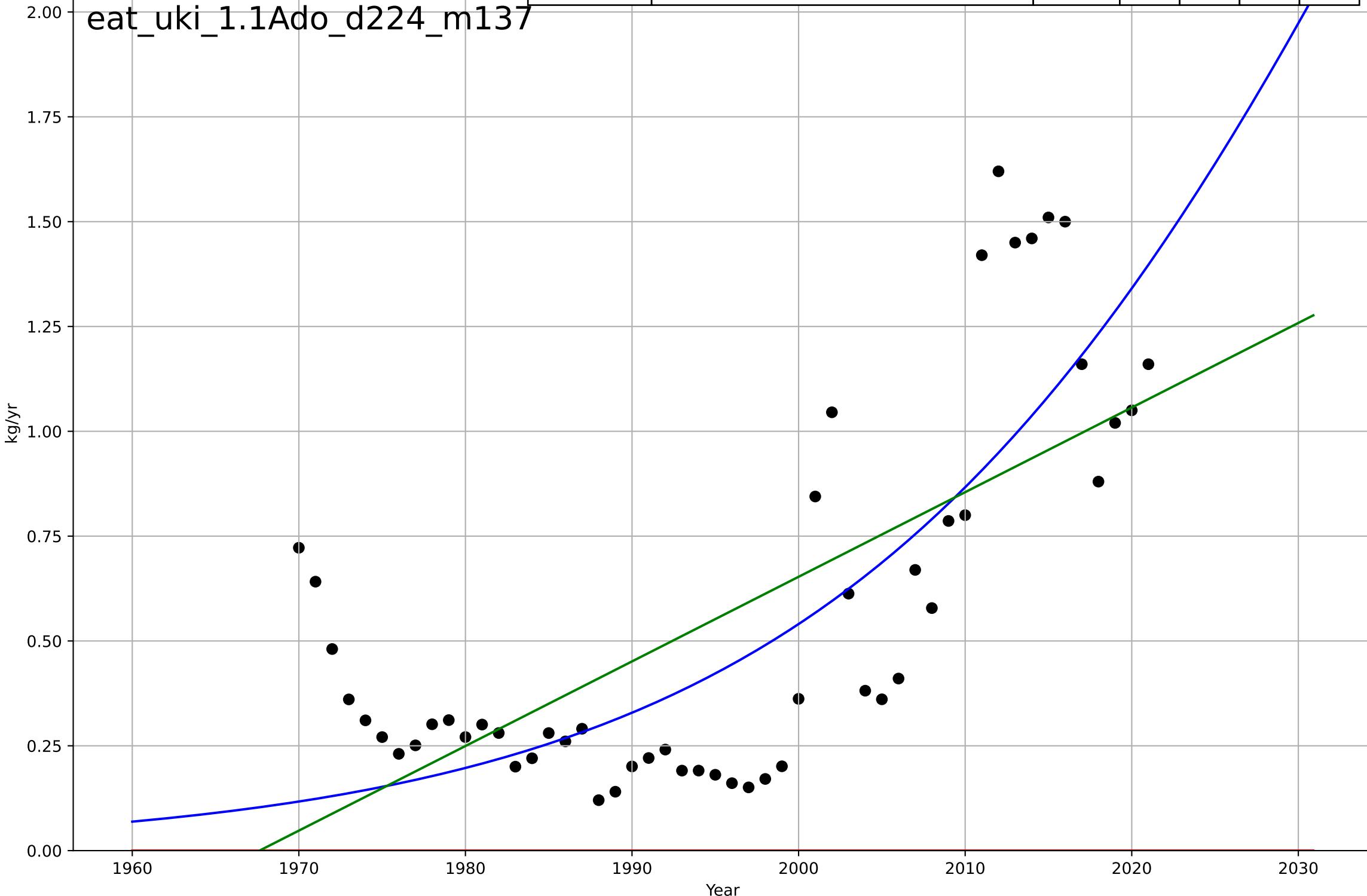
1.1 Adoption over time

per capita other meat consumption

kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2043, Dt=82.1, K=5.91	0.0535	0.61	0.586	0.275	0.222
Exponential	1.55e+03*exp(0.00289*(x-157464))	0.00289	-1.63	-1.73	0.714	0.562
Linear	intercept=-39.7, slope=0.0202	0.0202	0.472	0.45	0.32	0.259

eat\_uki\_1.1Ado\_d224\_m137



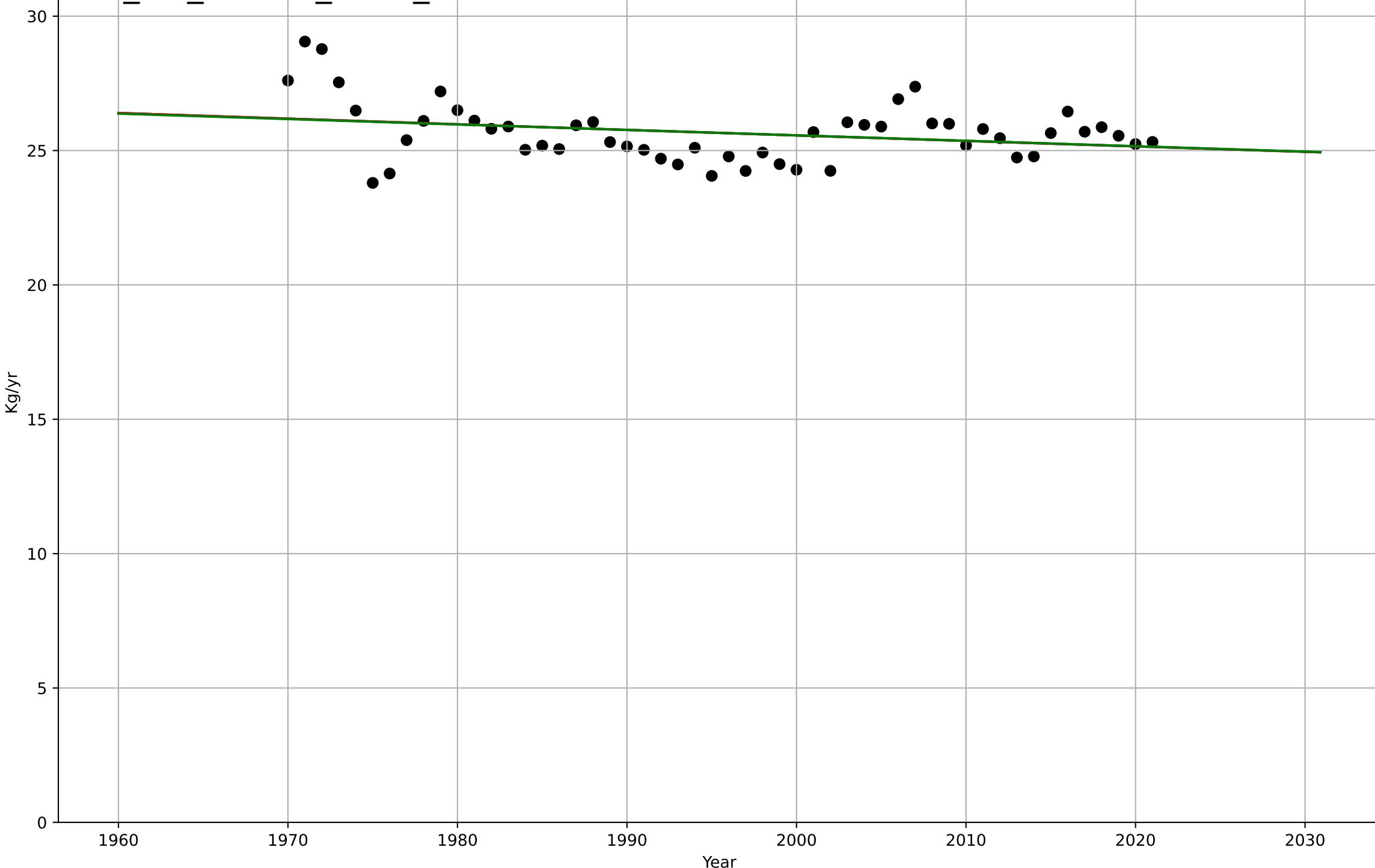
eating less meat

UK

1.1 Adoption over time  
per capita pig consumption  
Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=-4754, Dt=-5.45e+03, K=5.95e+03$	-0.000806	0.0783	0.0207	1.05	0.822
Exponential	$40.7*\exp(-0.000803*(x-1421))$	-0.000803	0.0783	0.0407	1.05	0.822
Linear	intercept=66, slope=-0.0202	-0.0202	0.0769	0.0392	1.05	0.822

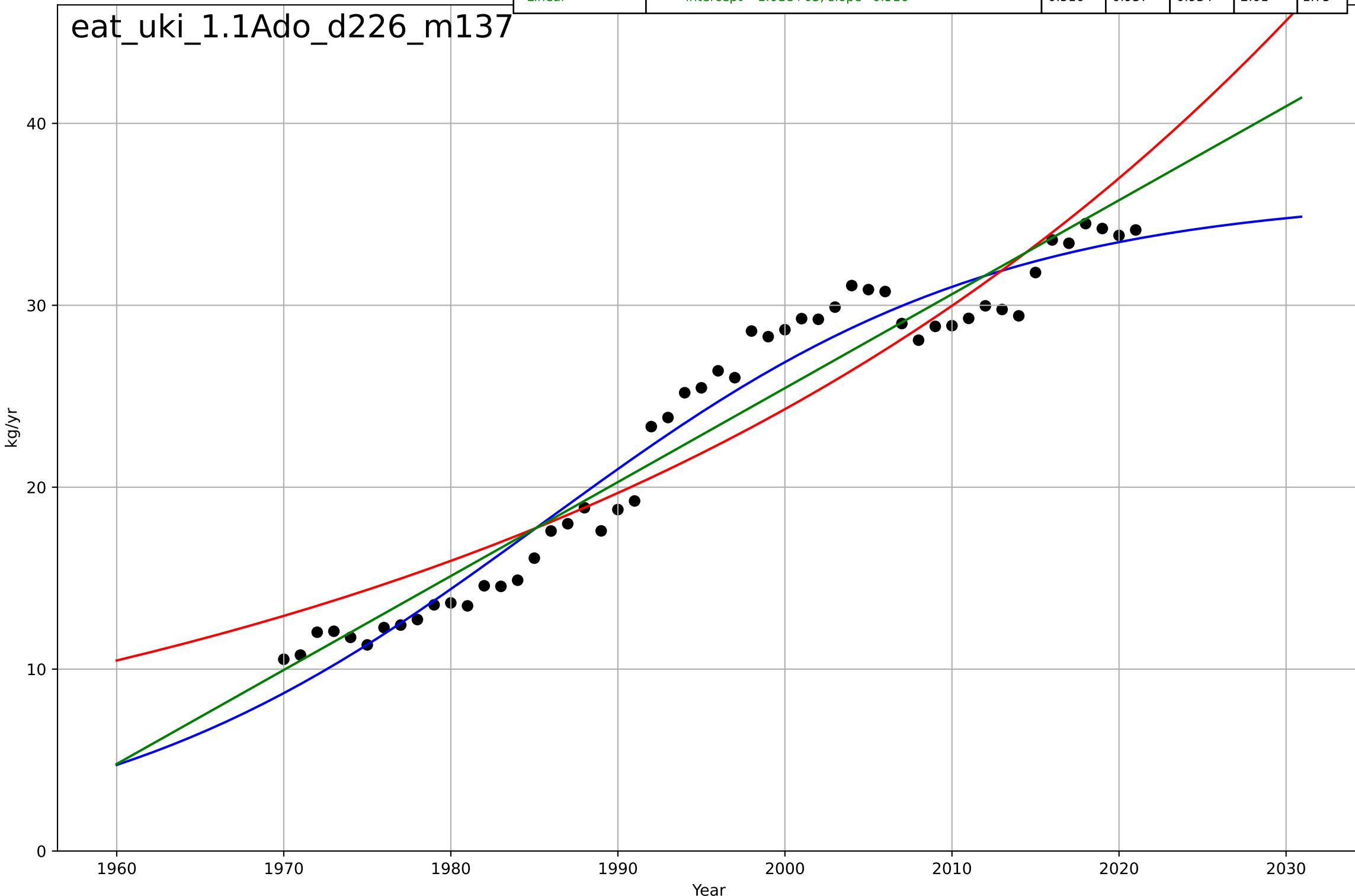
eat\_uki\_1.1Ado\_d225\_m137



eating less meat  
 UK  
 1.1 Adoption over time  
 per capita poultry consumption  
 kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1986, D_t=59.4, K=36.1$	0.074	0.961	0.958	1.59	1.42
Exponential	$5.86 \cdot \exp(0.021 \cdot (x-1932))$	0.021	0.886	0.881	2.7	2.38
Linear	intercept=-1.01e+03, slope=0.516	0.516	0.937	0.934	2.01	1.75

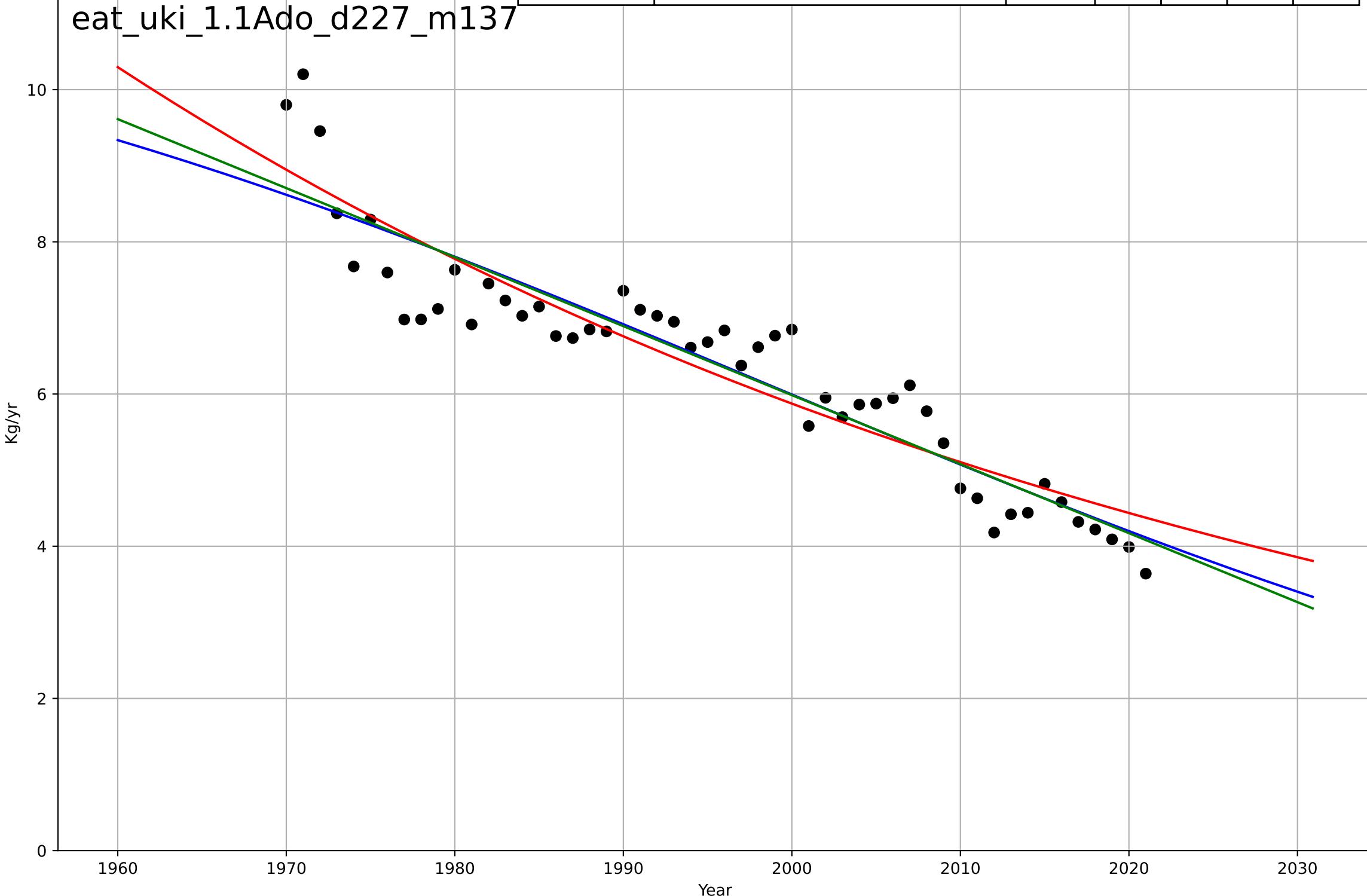
eat\_uki\_1.1Ado\_d226\_m137



eating less meat  
 UK  
 1.1 Adoption over time  
 per capita sheep & goat consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=-144, K=12.2$	-0.0305	0.864	0.855	0.539	0.425
Exponential	$5.29 \cdot \exp(-0.014 \cdot (x-2007))$	-0.014	0.858	0.852	0.55	0.46
Linear	intercept=187, slope=-0.0907	-0.0907	0.868	0.863	0.53	0.42

eat\_uki\_1.1Ado\_d227\_m137



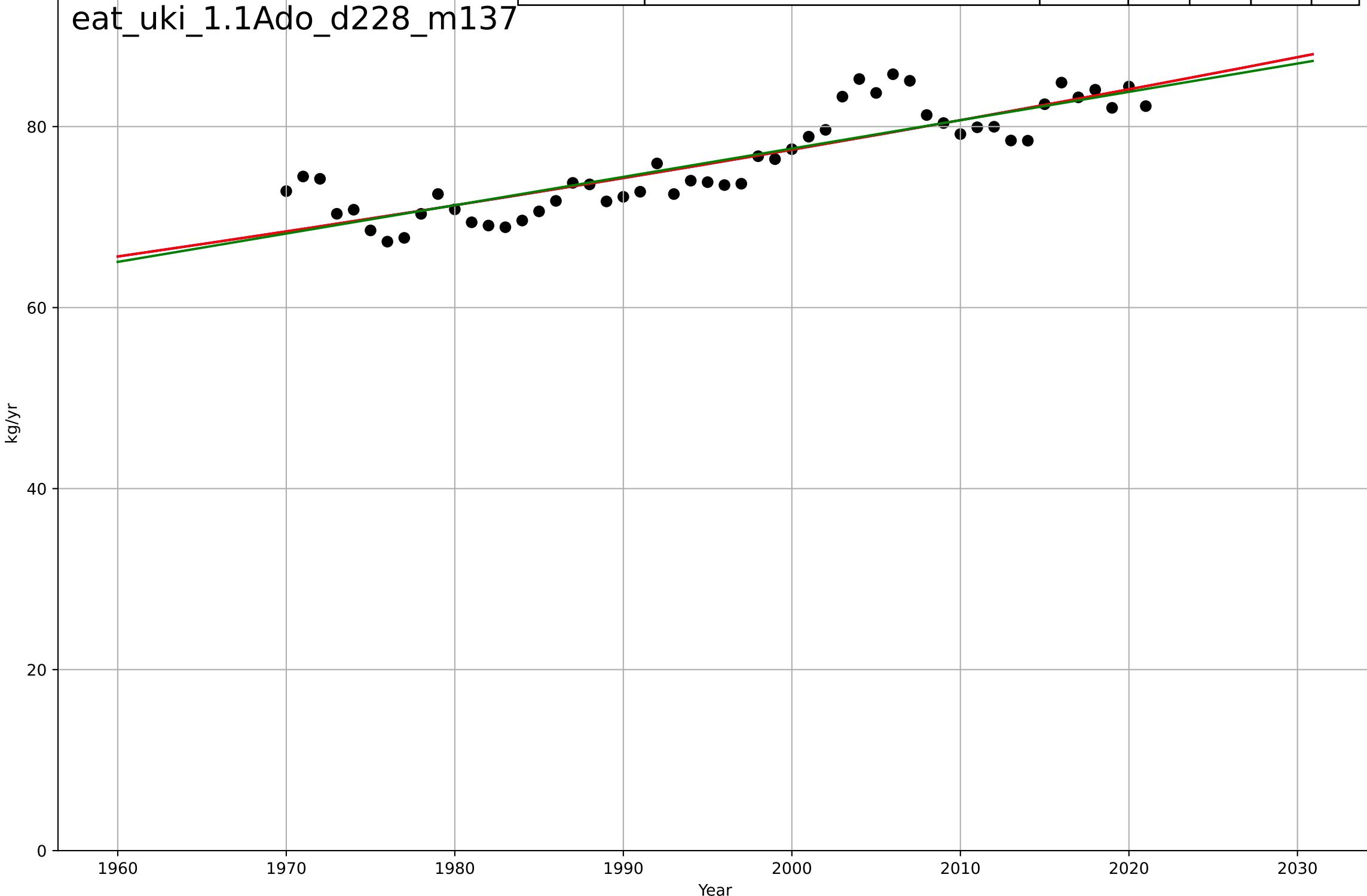
eating less meat

UK

1.1 Adoption over time  
per capita total meat consumption  
kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3698, D_t=1.06e+03, K=8.7e+04$	0.00414	0.748	0.732	2.74	2.15
Exponential	$20.8 \cdot \exp(0.00413 \cdot (x - 1682))$	0.00413	0.748	0.737	2.74	2.15
Linear	intercept=-549, slope=0.313	0.313	0.744	0.733	2.76	2.18

eat\_uki\_1.1Ado\_d228\_m137



eating less meat

UK

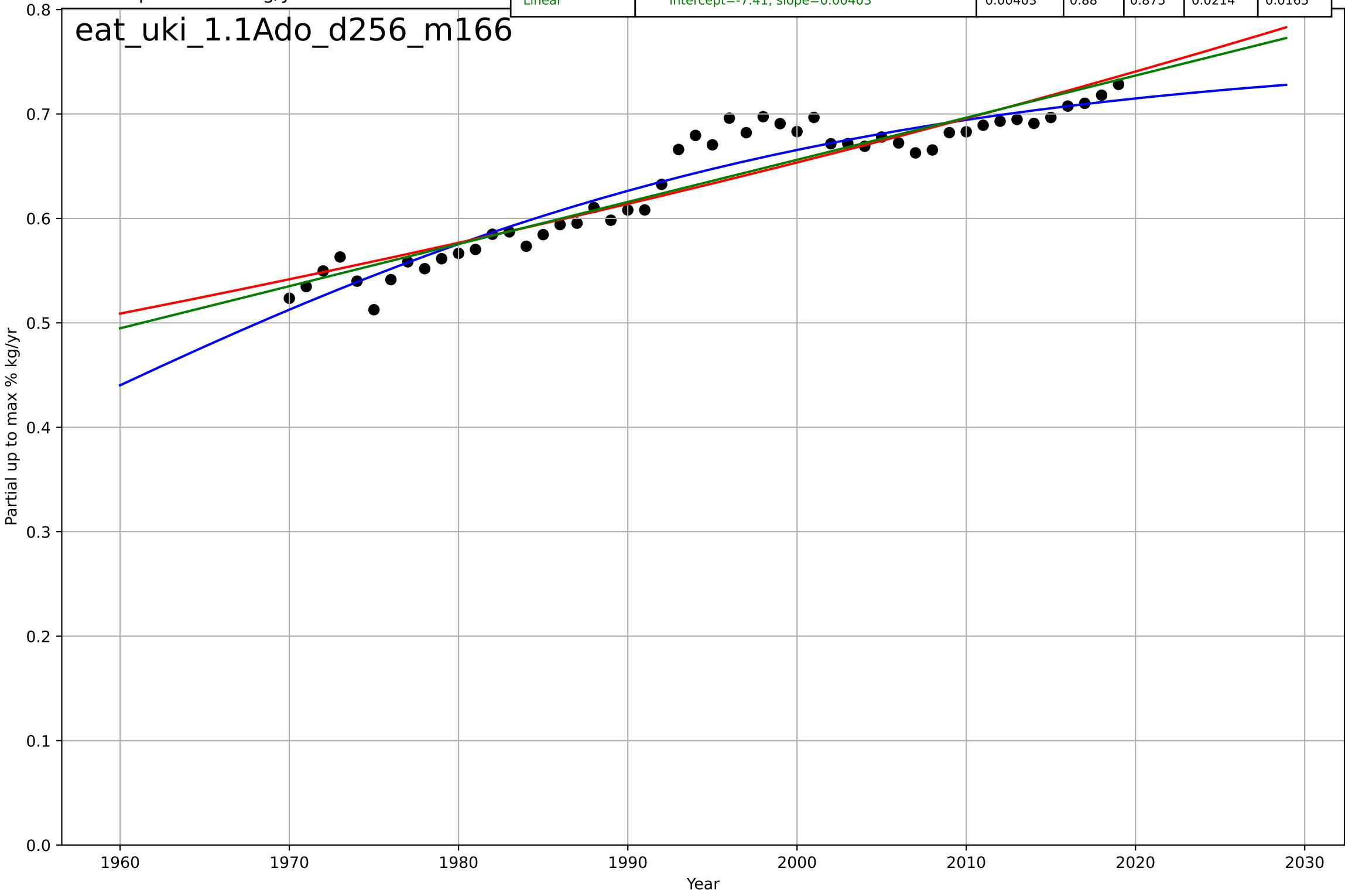
1.1 Adoption over time

Partial up to max % poultry+pig in total meat consumption

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1952, D_t=107, K=0.759$	0.041	0.91	0.905	0.0186	0.015
Exponential	$4.69 \cdot \exp(0.00625 \cdot (x-2315))$	0.00625	0.866	0.86	0.0227	0.0175
Linear	intercept=-7.41, slope=0.00403	0.00403	0.88	0.875	0.0214	0.0165

eat\_uki\_1.1Ado\_d256\_m166



eating less meat

UK

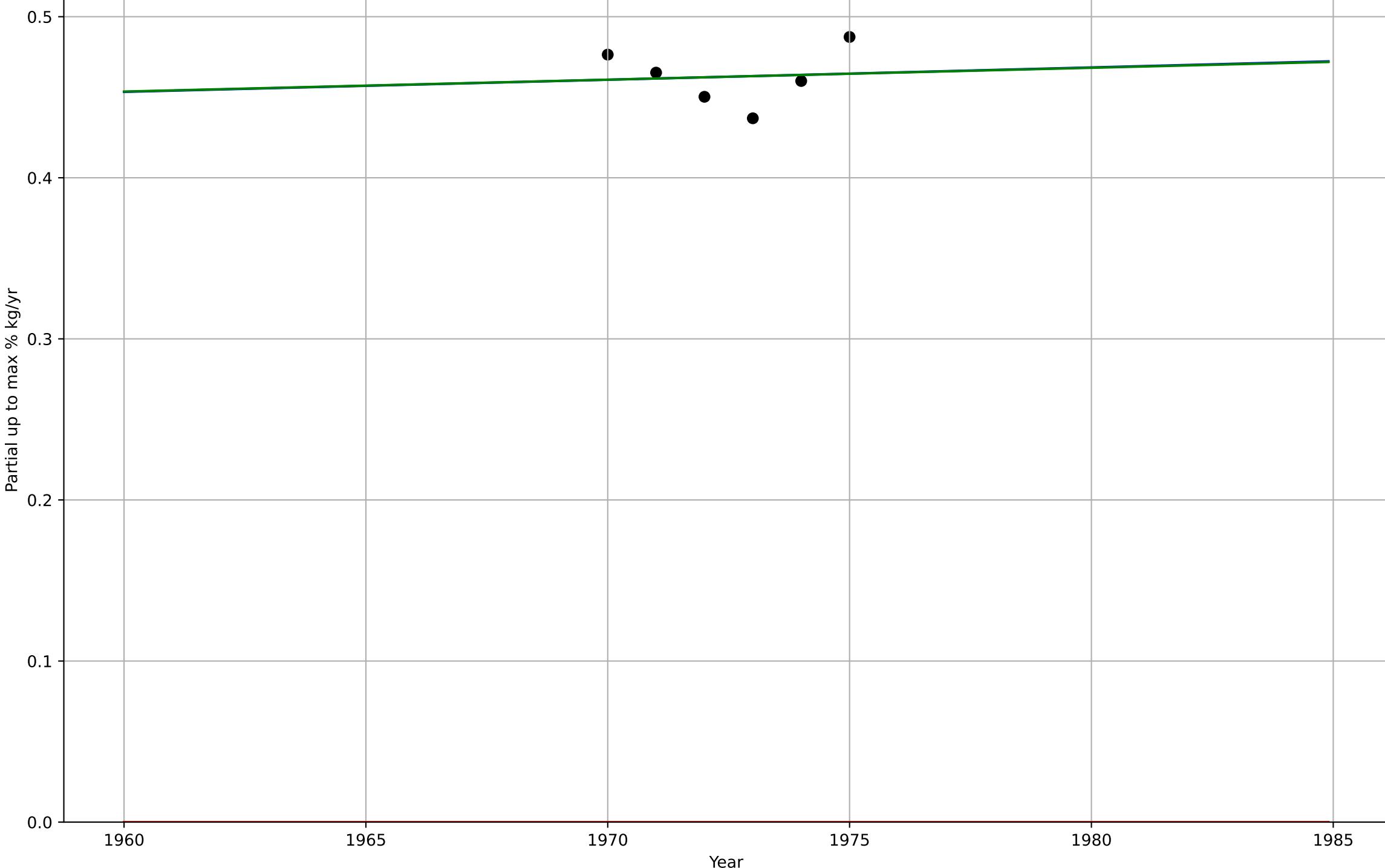
1.1 Adoption over time

Partial up to max % red in total meat consumpt

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4159, D_t=2.61e+03, K=18.9$	0.00169	0.00602	-1.48	0.0164	0.014
Exponential	$1.55e+03 \cdot \exp(0.00103 \cdot (x-157396))$	0.00103	-787	-1.31e+03	0.463	0.463
Linear	intercept=-0.994, slope=0.000739	0.000739	0.00585	-0.657	0.0164	0.014

eat\_uki\_1.1Ado\_d257\_m166



eating less meat

UK

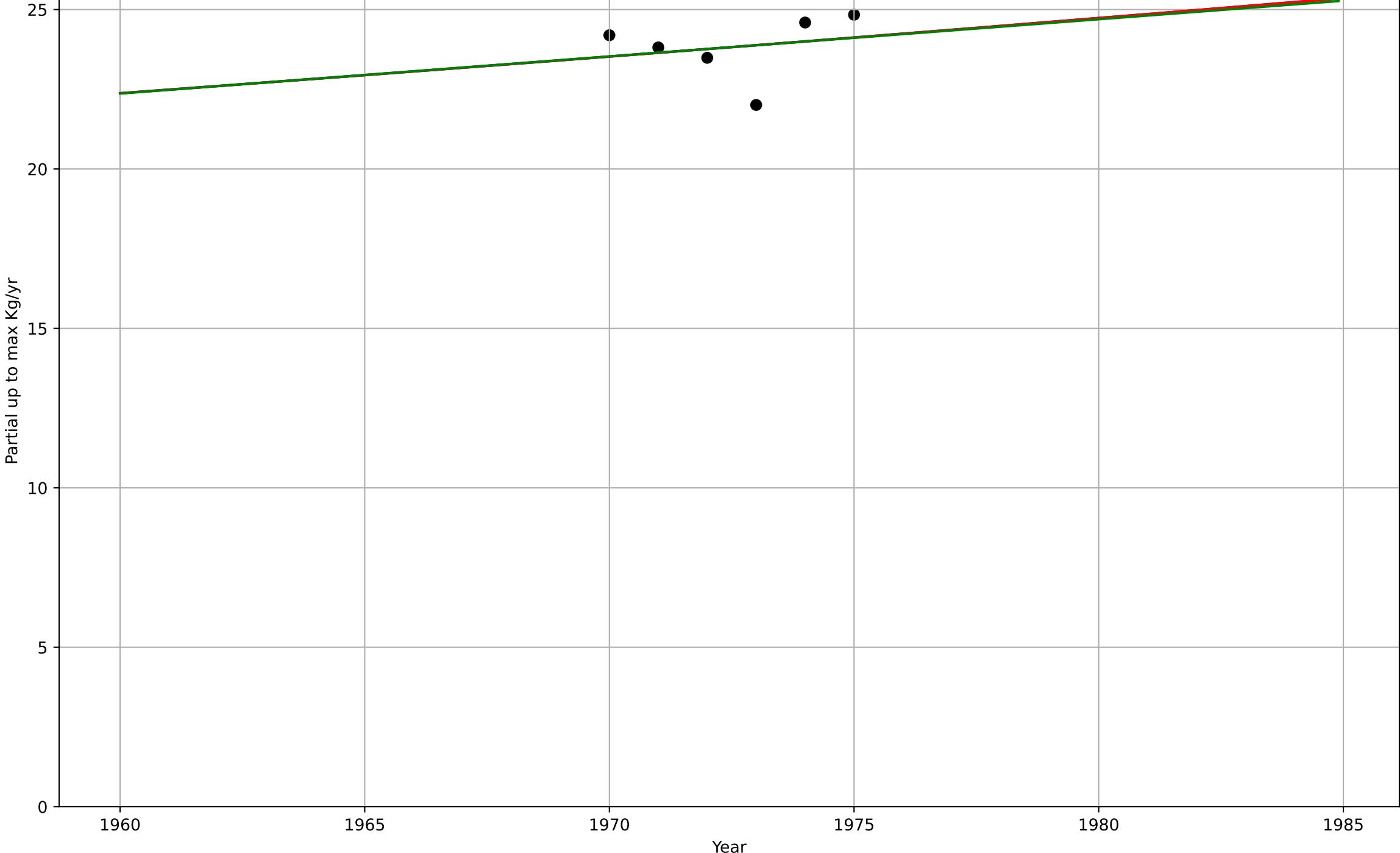
1.1 Adoption over time

Partial up to max per capita beef consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2996, D_t=872, K=4.16e+03$	0.00504	0.0471	-1.38	0.906	0.716
Exponential	$12.8 \cdot \exp(0.00501 \cdot (x-1848))$	0.00501	0.0471	-0.588	0.906	0.716
Linear	intercept=-206, slope=0.116	0.116	0.046	-0.59	0.906	0.716

eat\_uki\_1.1Ado\_d258\_m168



eating less meat

UK

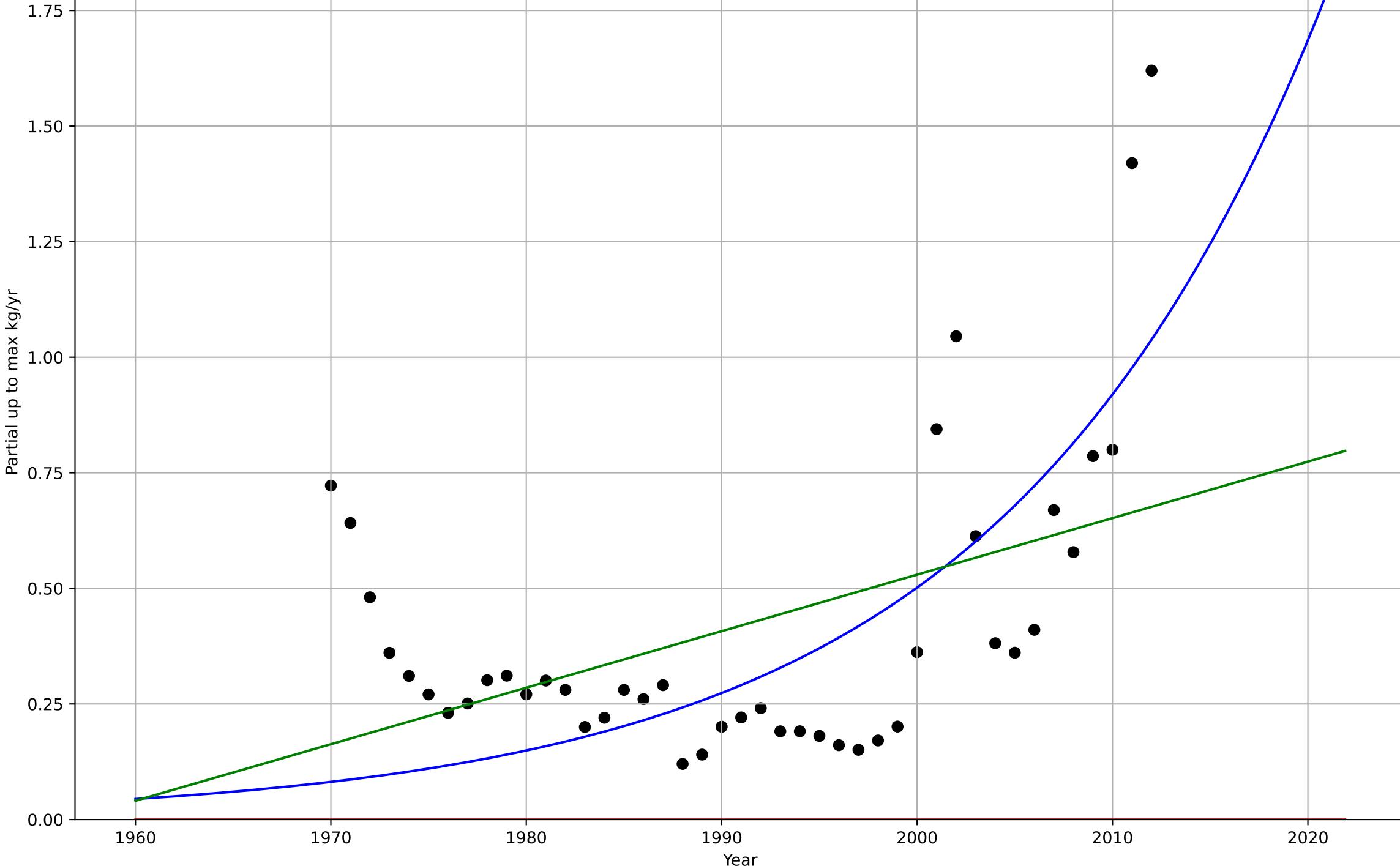
1.1 Adoption over time

Partial up to max per capita other meat consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2199, D_t=72.5, K=8.71e+04$	0.0606	0.395	0.348	0.254	0.204
Exponential	$1.55e+03 \cdot \exp(0.00215 \cdot (x-157443))$	0.00215	-1.65	-1.78	0.532	0.42
Linear	intercept=-23.9, slope=0.0122	0.0122	0.215	0.176	0.29	0.214

eat\_uki\_1.1Ado\_d259\_m168



eating less meat

UK

1.1 Adoption over time

Partial up to max per capita pig consumption

Partial up to max Kg/yr

eat\_uki\_1.1Ado\_d260\_m168

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-2.83e+03, slope=1.45	1.45	1	1	4.04e-13	4.03e-13

Partial up to max Kg/yr

1960

1965

1970

1975

1980

Year

50

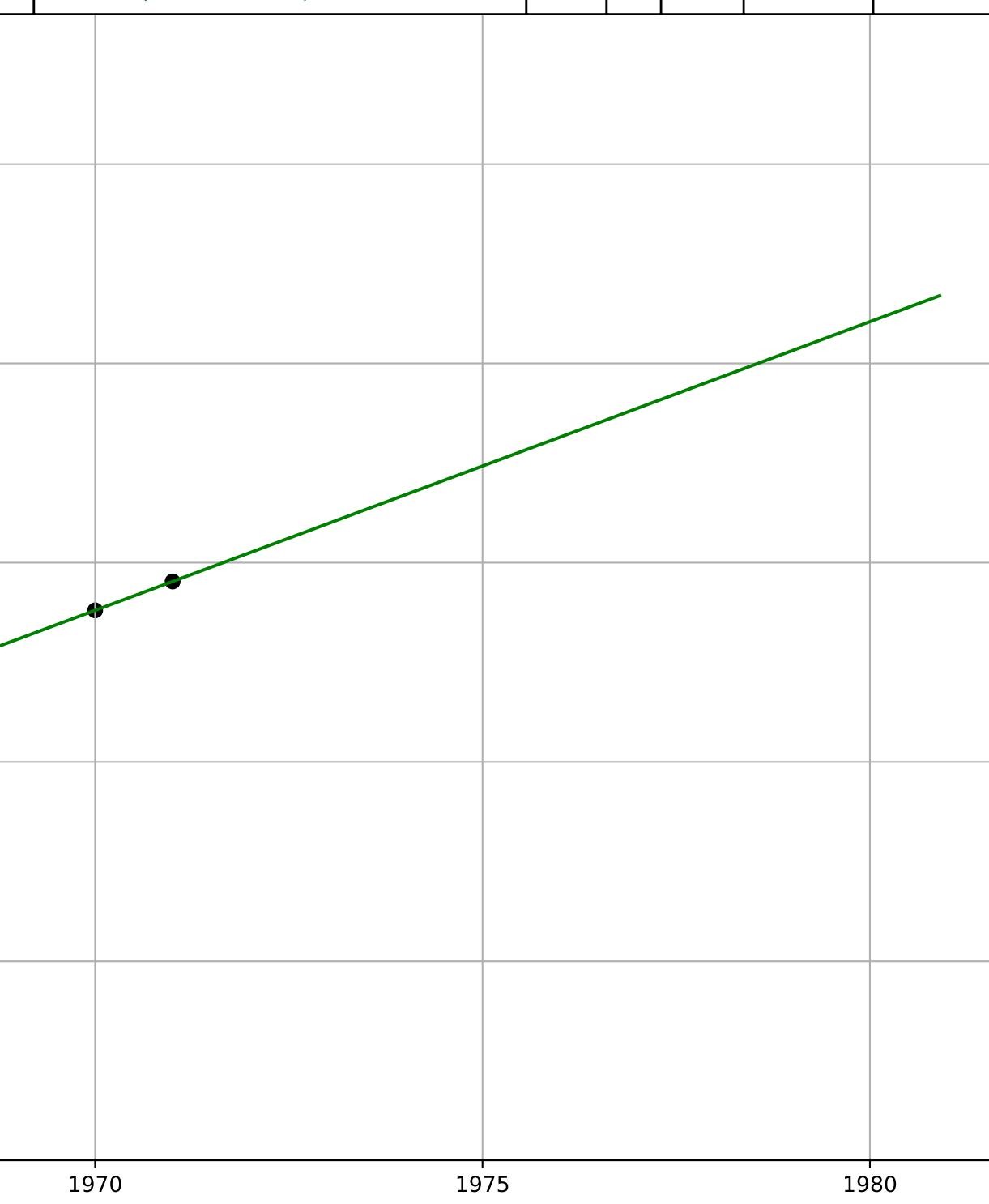
40

30

20

10

0



eating less meat

UK

1.1 Adoption over time

Partial up to max per capita poultry consumption

Partial up to max kg/yr

eating less meat

UK

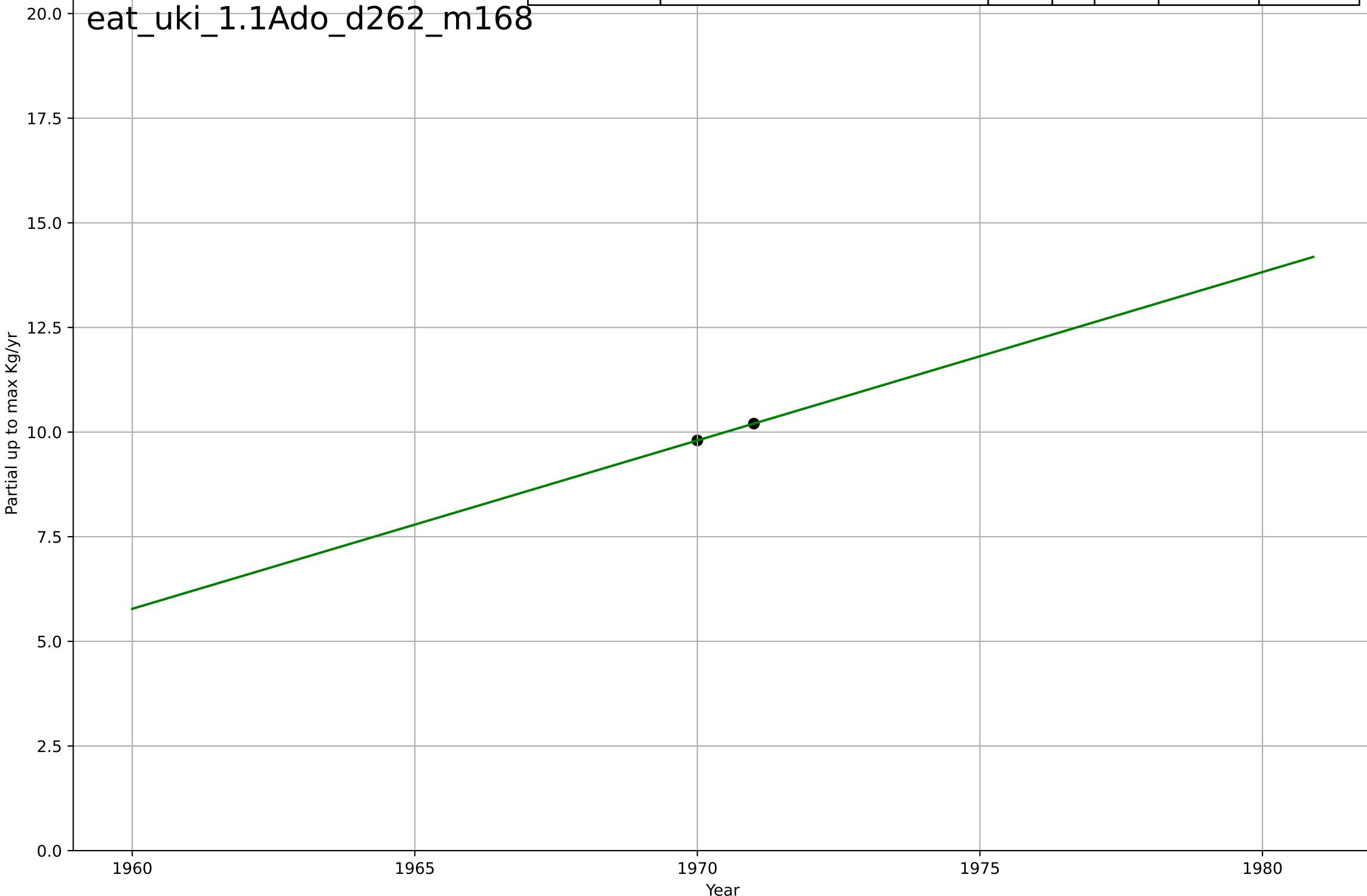
1.1 Adoption over time

Partial up to max per capita sheep & goat consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-783, slope=0.402	0.402	1	1	3.66e-14	2.84e-14

eat\_uki\_1.1Ado\_d262\_m168



eating less meat

UK

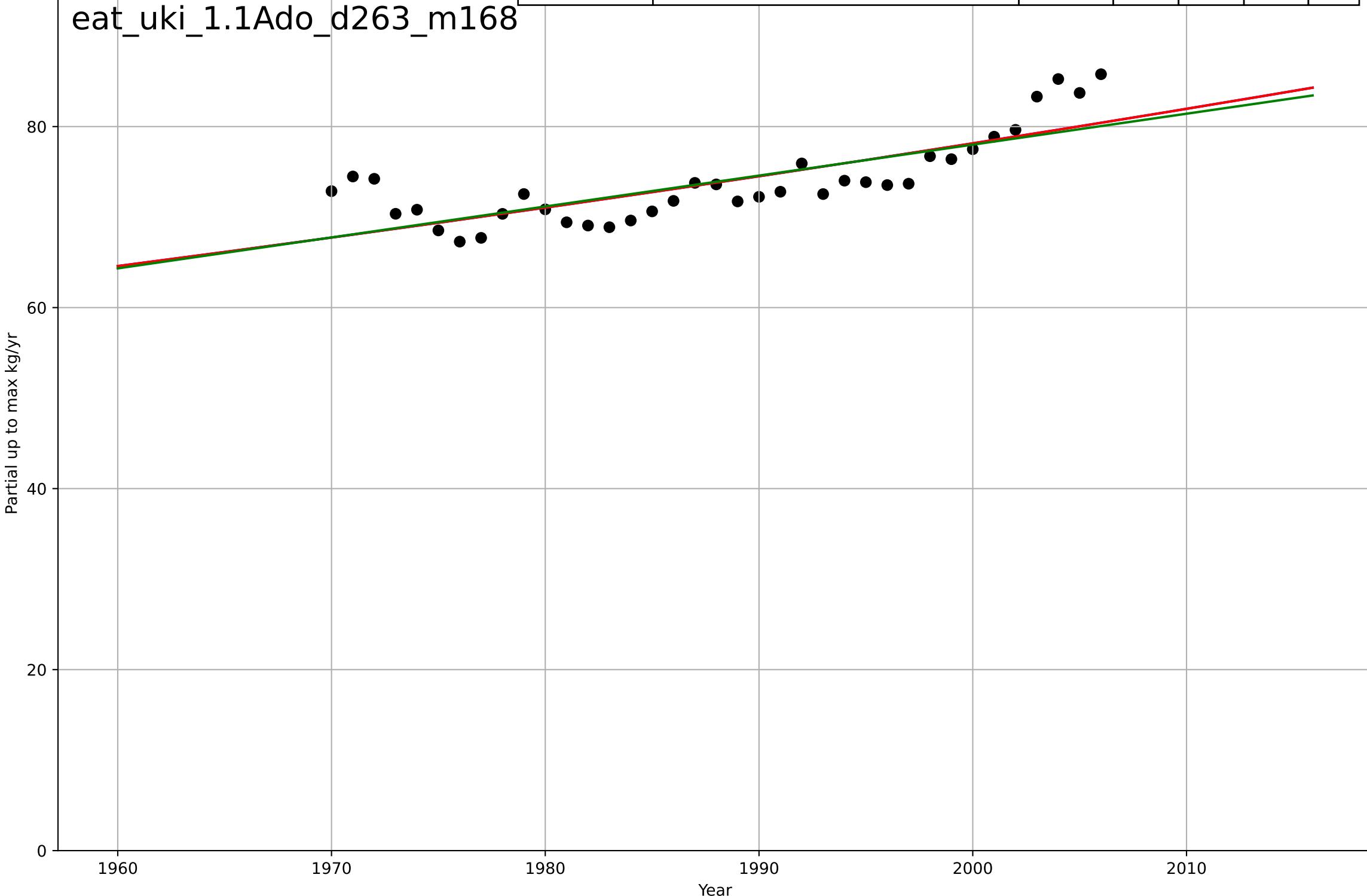
1.1 Adoption over time

Partial up to max per capita total meat consumption

Partial up to max kg/yr

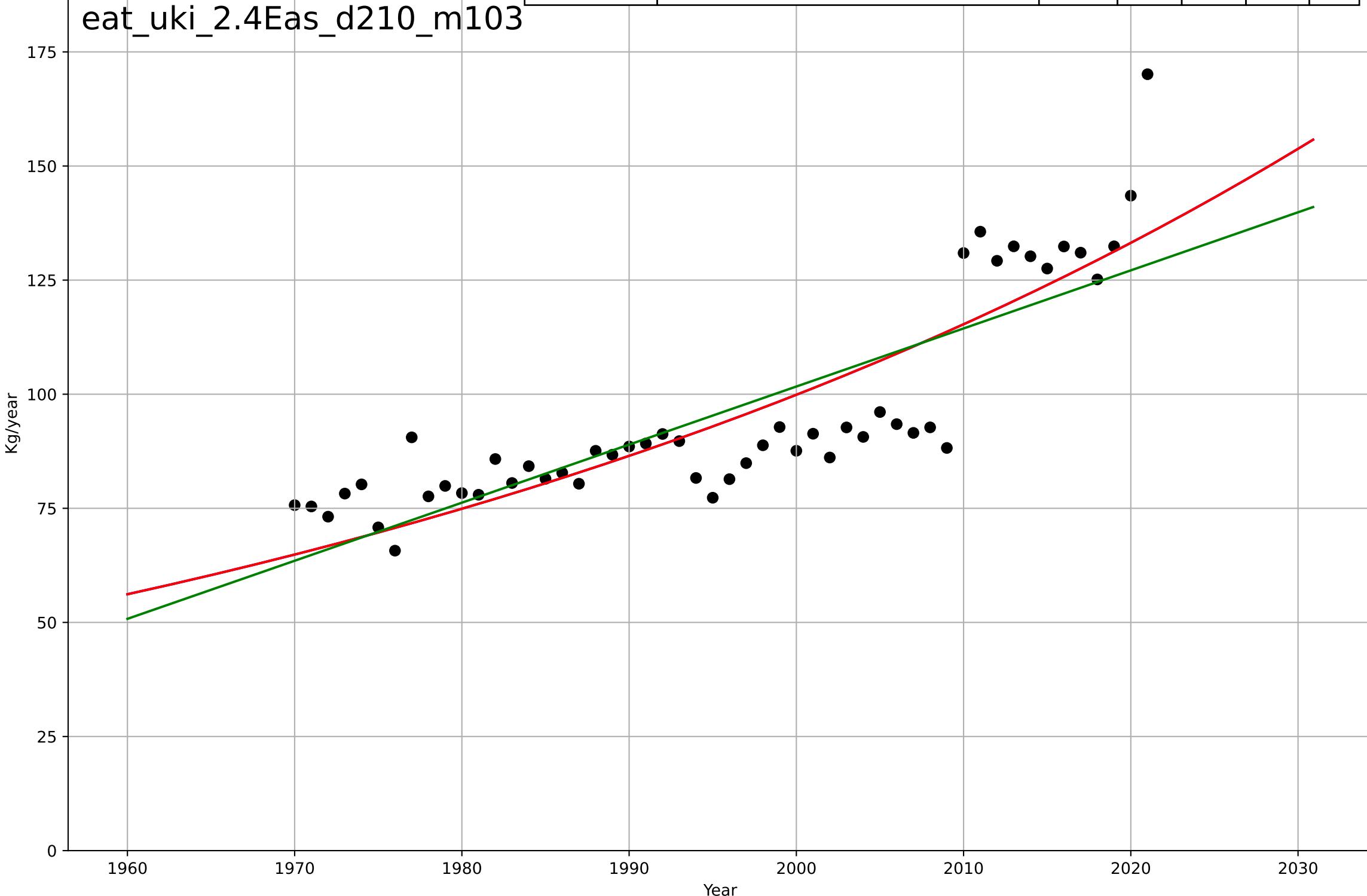
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3857, D_t=922, K=5.44e+05$	0.00477	0.623	0.588	2.88	2.35
Exponential	$19.6 \cdot \exp(0.00477 \cdot (x - 1709))$	0.00477	0.623	0.6	2.88	2.35
Linear	intercept=-606, slope=0.342	0.342	0.604	0.581	2.95	2.41

eat\_uki\_1.1Ado\_d263\_m168



eating less meat  
 UK  
 2.4 Ease of Use  
 Vegetable consumption per capita  
 Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2751, Dt=305, K=4.94e+06$	0.0144	0.752	0.736	11.4	9.05
Exponential	$7.61*\exp(0.0144*(x-1821))$	0.0144	0.752	0.742	11.4	9.05
Linear	intercept=-2.44e+03, slope=1.27	1.27	0.695	0.682	12.7	9.93



eating less meat

UK

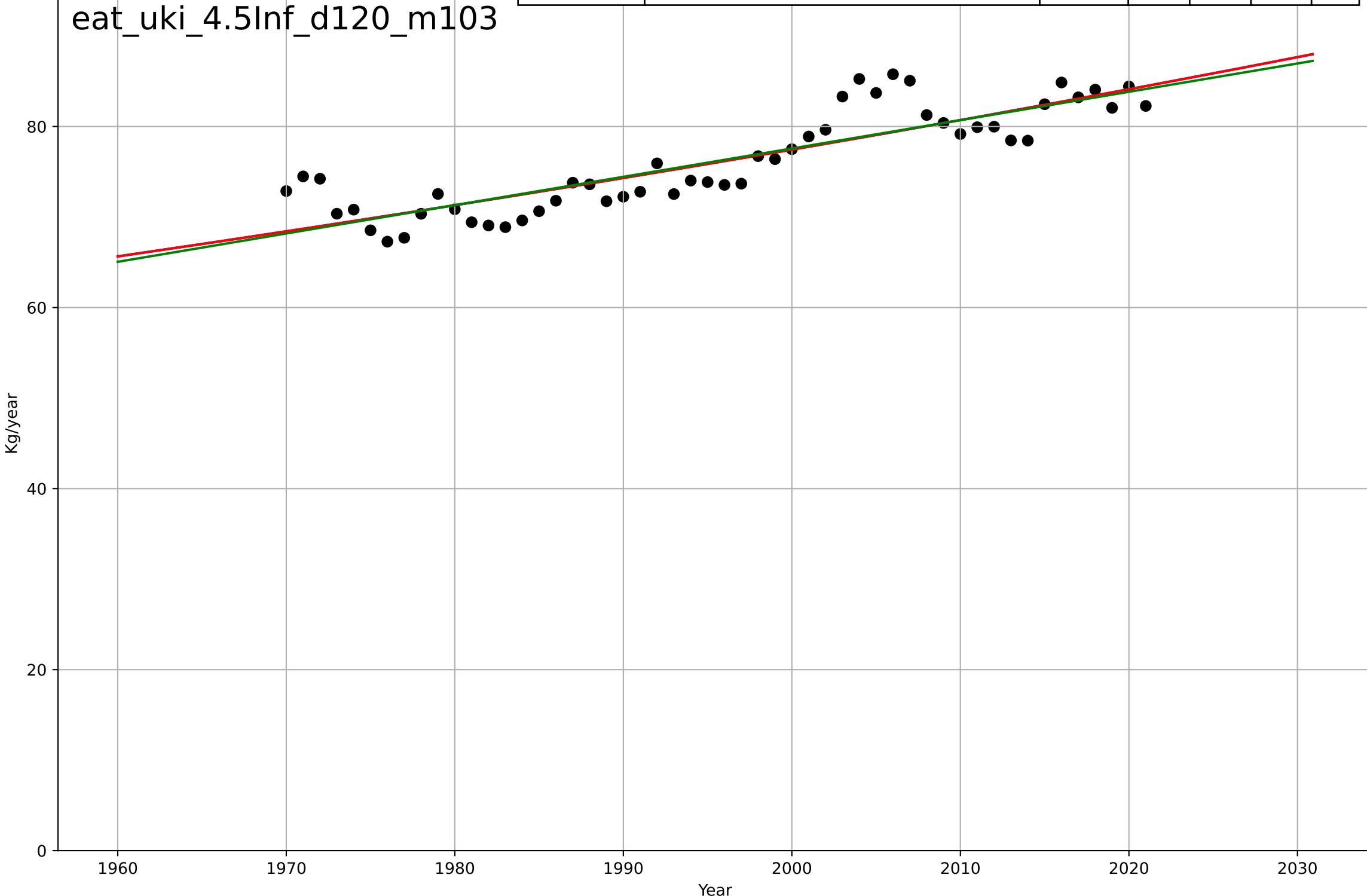
4.5 Physical Infrastructure Dependence

Meat supply/person

Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3699, D_t=1.06e+03, K=8.7e+04$	0.00413	0.748	0.732	2.74	2.15
Exponential	$22.7 \cdot \exp(0.00413 \cdot (x-1703))$	0.00413	0.748	0.737	2.74	2.15
Linear	intercept=-548, slope=0.313	0.313	0.744	0.733	2.76	2.18

eat\_uki\_4.5Inf\_d120\_m103



eating less meat

US

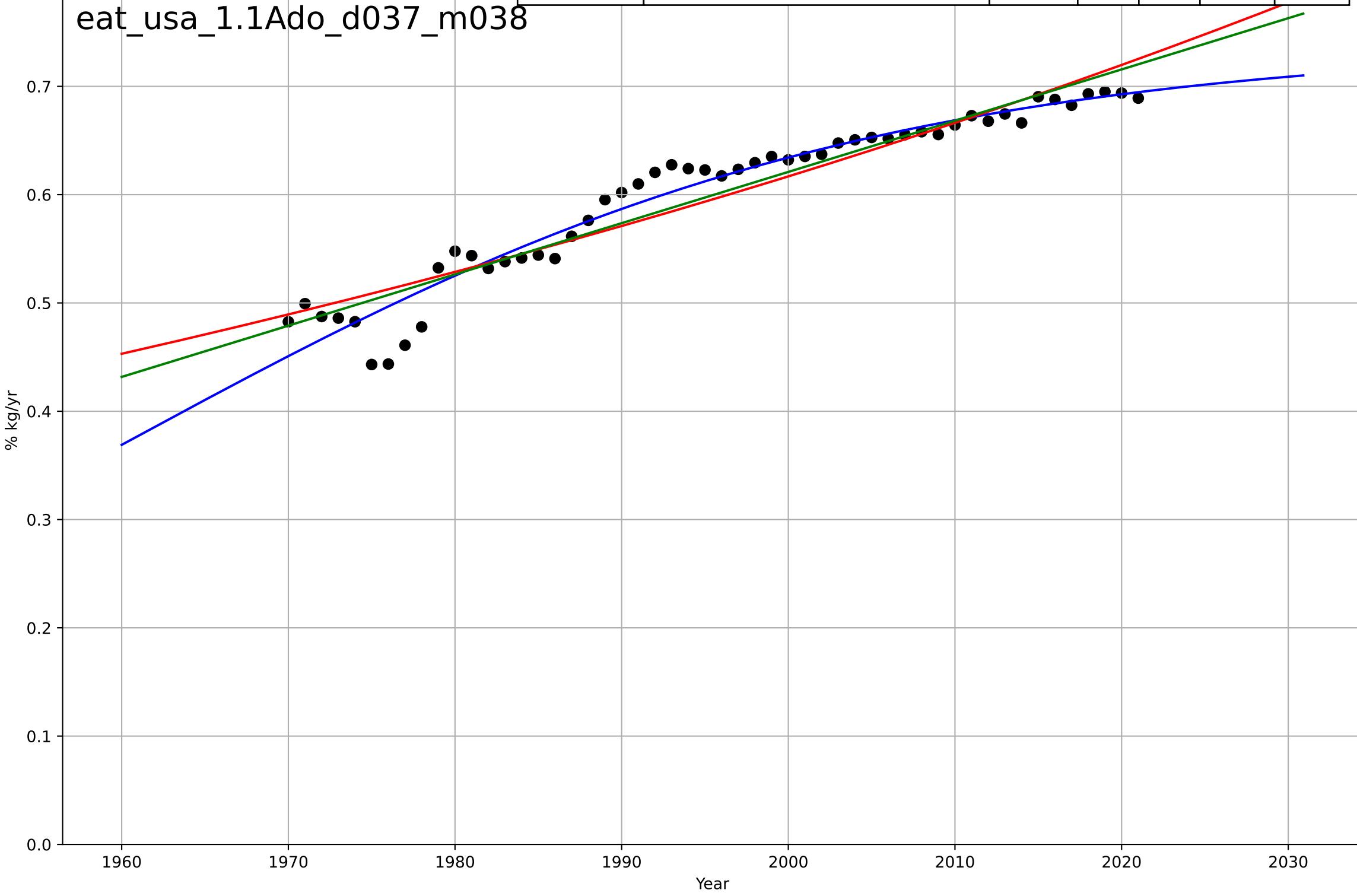
1.1 Adoption over time

% poultry+pig in total meat consumption

% kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1960, D_t=97.6, K=0.739$	0.045	0.945	0.941	0.0175	0.0121
Exponential	$5.53 \cdot \exp(0.00771 \cdot (x-2284))$	0.00771	0.892	0.887	0.0245	0.0187
Linear	intercept=-8.84, slope=0.00473	0.00473	0.912	0.908	0.0221	0.0165

eat\_usa\_1.1Ado\_d037\_m038



eating less meat

US

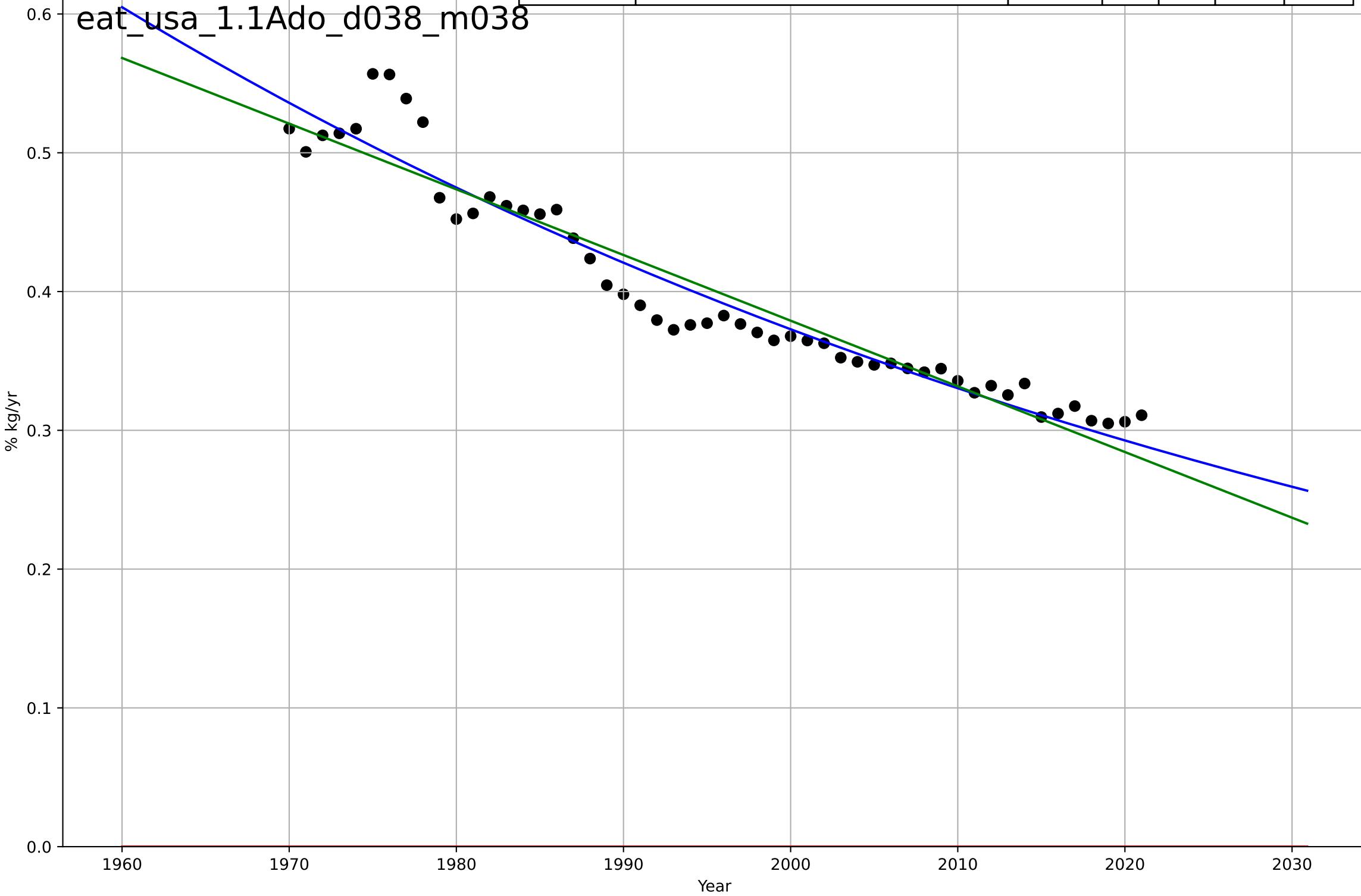
1.1 Adoption over time

% red in total meat consumption

% kg/yr

eat\_usa\_1.1Ado\_d038\_m038

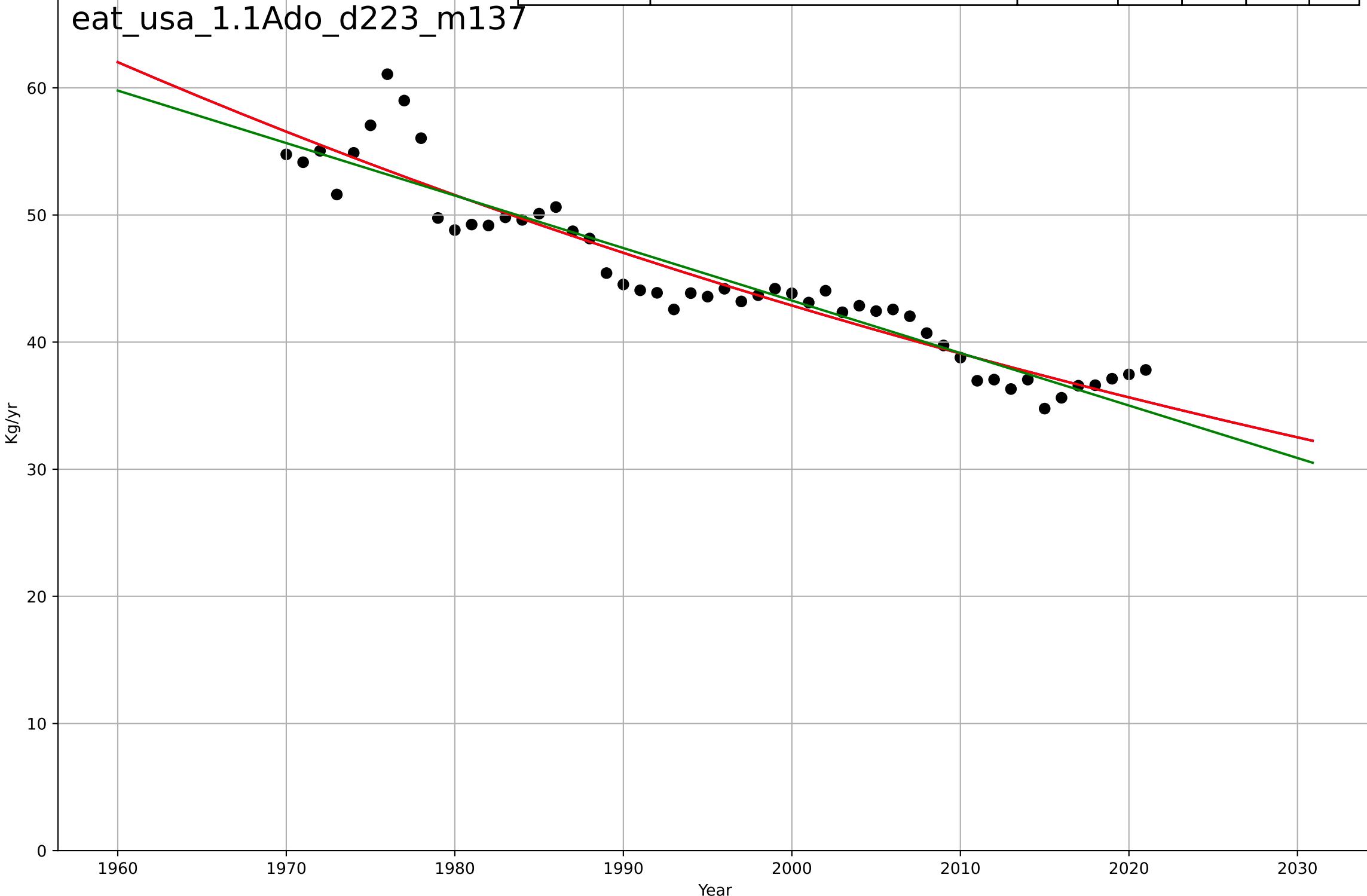
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1130, D_t=-363, K=1.39e+04$	-0.0121	0.933	0.929	0.0192	0.0142
Exponential	$1.56e+03 \cdot \exp(0.000511 \cdot (x-157417))$	0.000511	-29	-30.2	0.407	0.4
Linear	intercept=9.84, slope=-0.00473	-0.00473	0.912	0.908	0.0221	0.0165



eating less meat  
 US  
 1.1 Adoption over time  
 per capita beef consumption  
 Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1065, Dt=-476, K=2.39e+05$	-0.00923	0.894	0.887	2.15	1.64
Exponential	$90.9 \cdot \exp(-0.00923 \cdot (x-1919))$	-0.00923	0.894	0.889	2.15	1.64
Linear	intercept=869, slope=-0.413	-0.413	0.886	0.881	2.22	1.66

eat\_usa\_1.1Ado\_d223\_m137



eating less meat

US

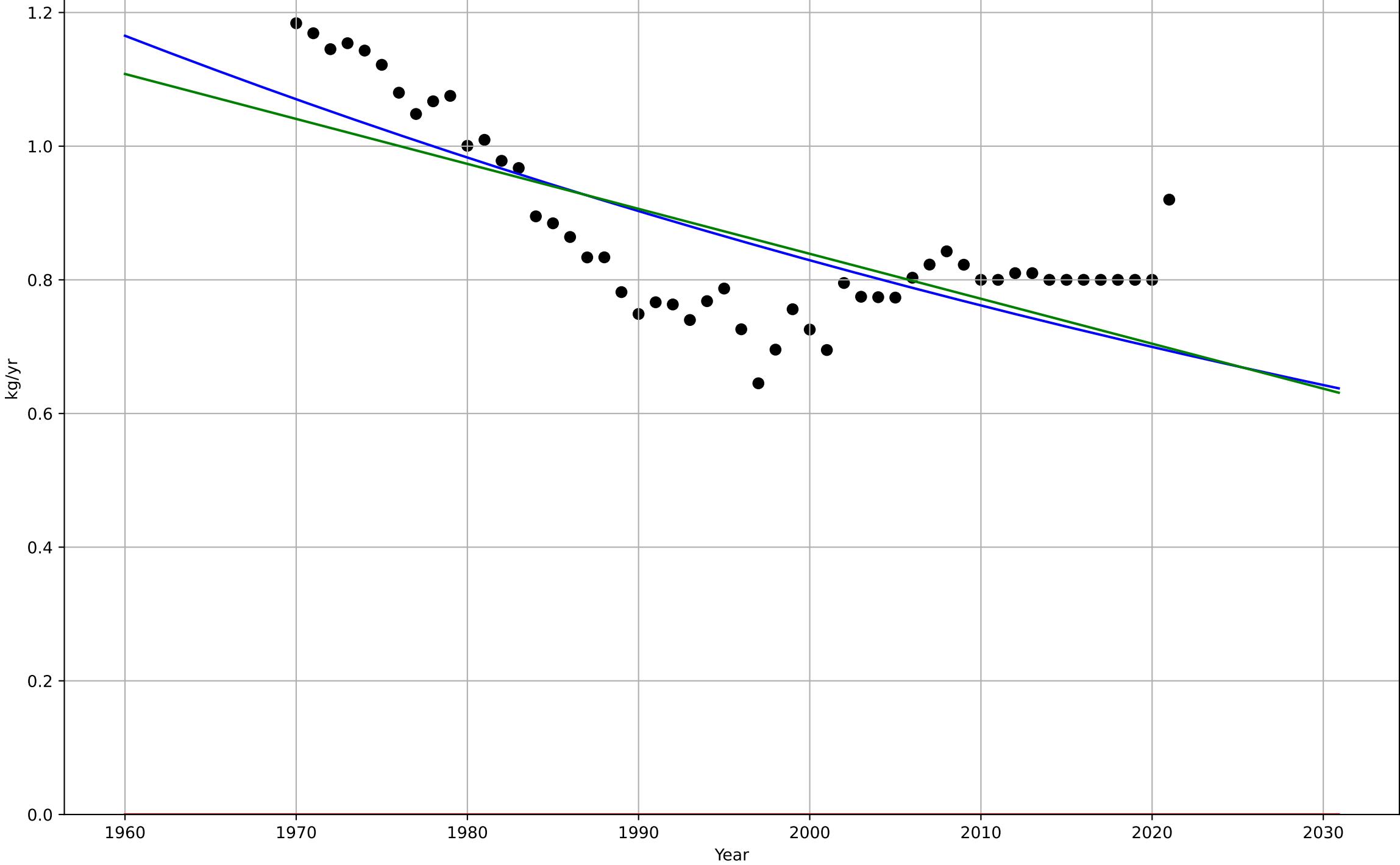
1.1 Adoption over time

per capita other meat consumption

kg/yr

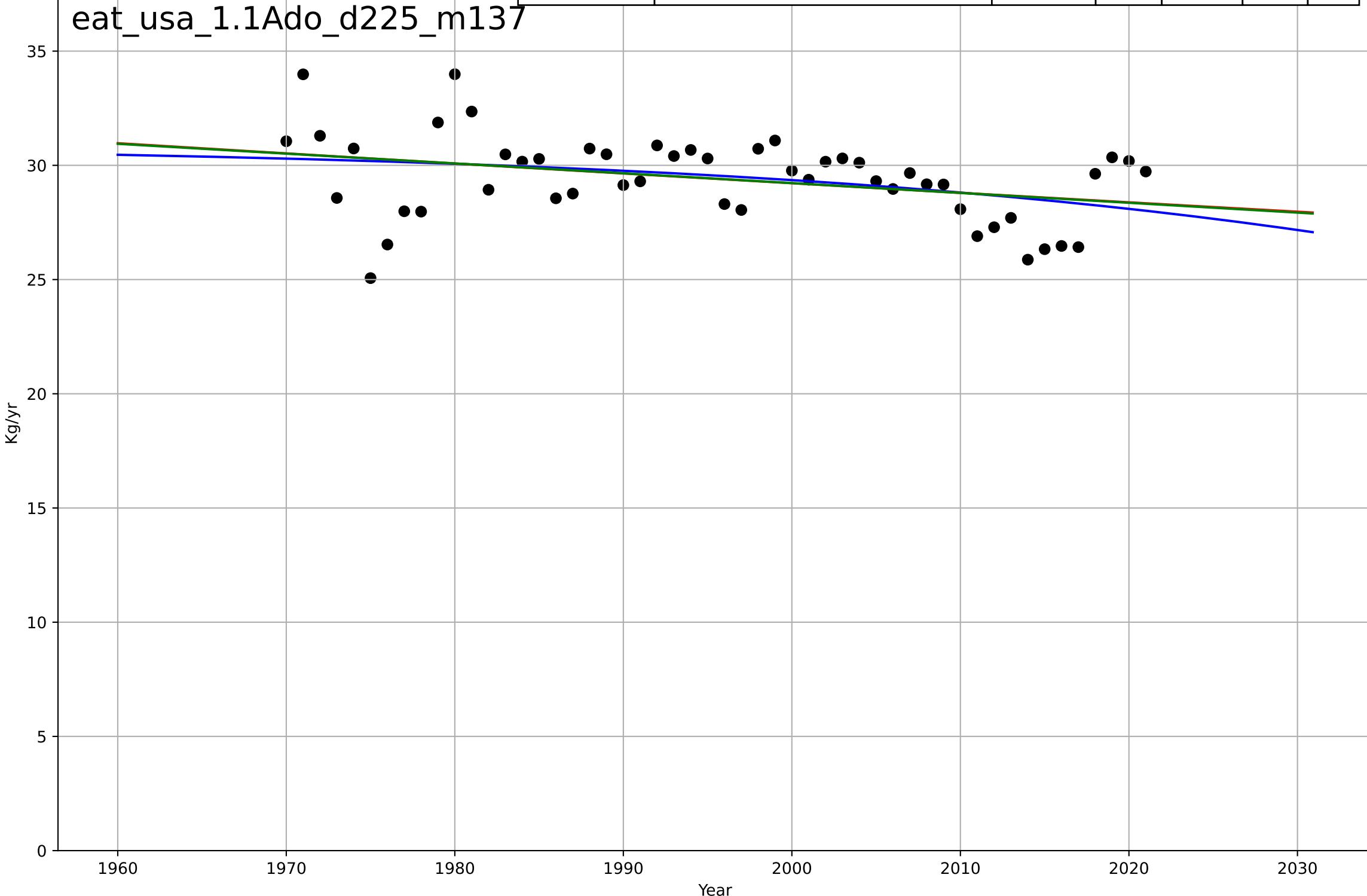
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=808, D_t=-517, K=2.1e+04$	-0.0085	0.558	0.531	0.0941	0.0821
Exponential	$1.56e+03 \cdot \exp(0.000282 \cdot (x-157389))$	0.000282	-37.7	-39.3	0.881	0.869
Linear	intercept=14.3, slope=-0.00673	-0.00673	0.509	0.489	0.0992	0.0863

eat\_usa\_1.1Ado\_d224\_m137



eating less meat  
US  
1.1 Adoption over time  
per capita pig consumption  
Kg/yr

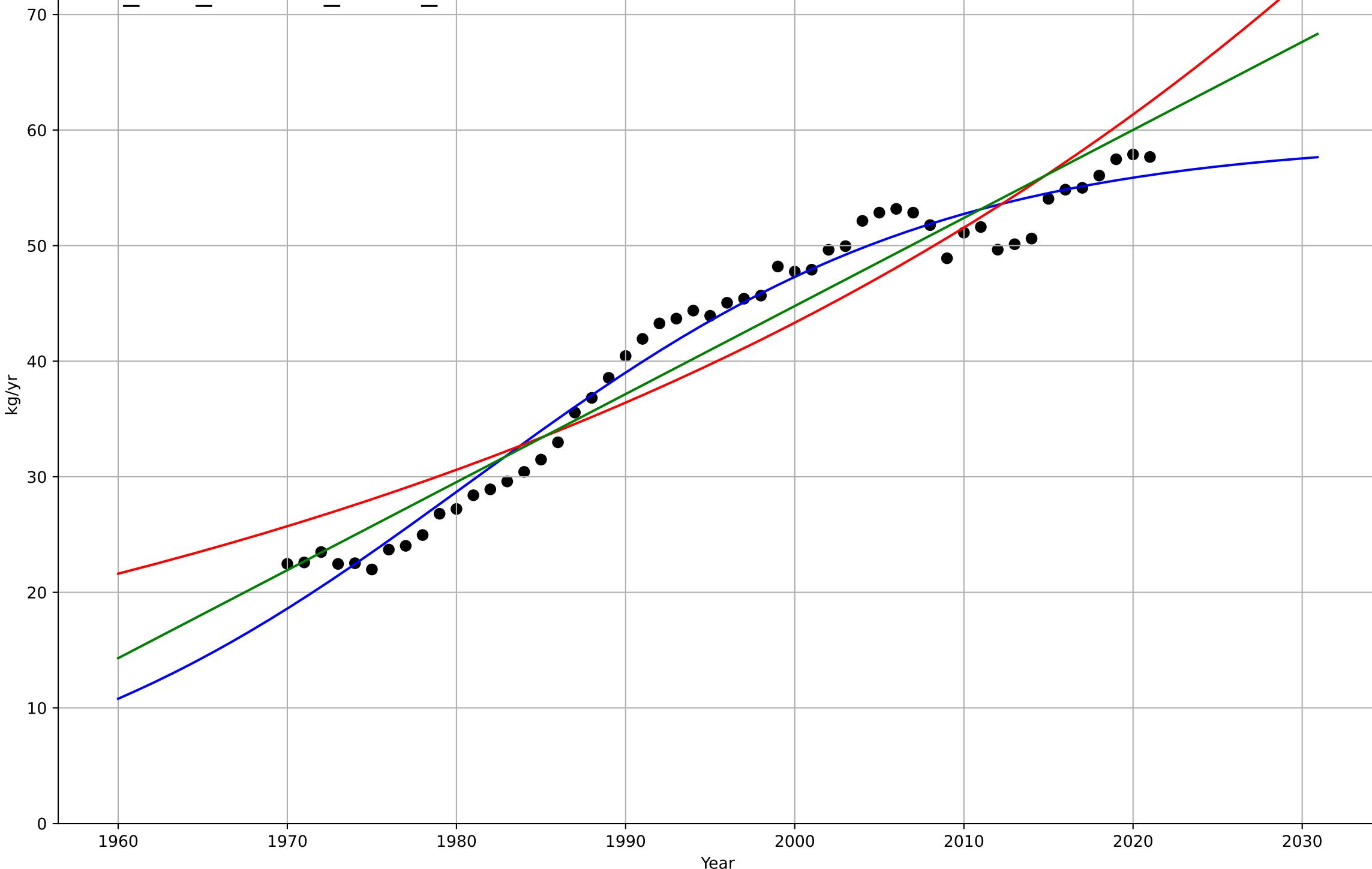
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2093, D_t=-139, K=30.9$	-0.0317	0.13	0.0758	1.71	1.37
Exponential	$41.8 \cdot \exp(-0.00145 \cdot (x-1753))$	-0.00145	0.123	0.087	1.72	1.38
Linear	intercept=115, slope=-0.043	-0.043	0.123	0.0876	1.72	1.38



eating less meat  
US  
1.1 Adoption over time  
per capita poultry consumption  
kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1981, D_t=61.1, K=59.2$	0.072	0.974	0.973	1.89	1.55
Exponential	$6.39 \cdot \exp(0.0174 \cdot (x-1890))$	0.0174	0.889	0.885	3.92	3.67
Linear	intercept=-1.48e+03, slope=0.762	0.762	0.94	0.938	2.88	2.63

eat\_usa\_1.1Ado\_d226\_m137



eating less meat

US

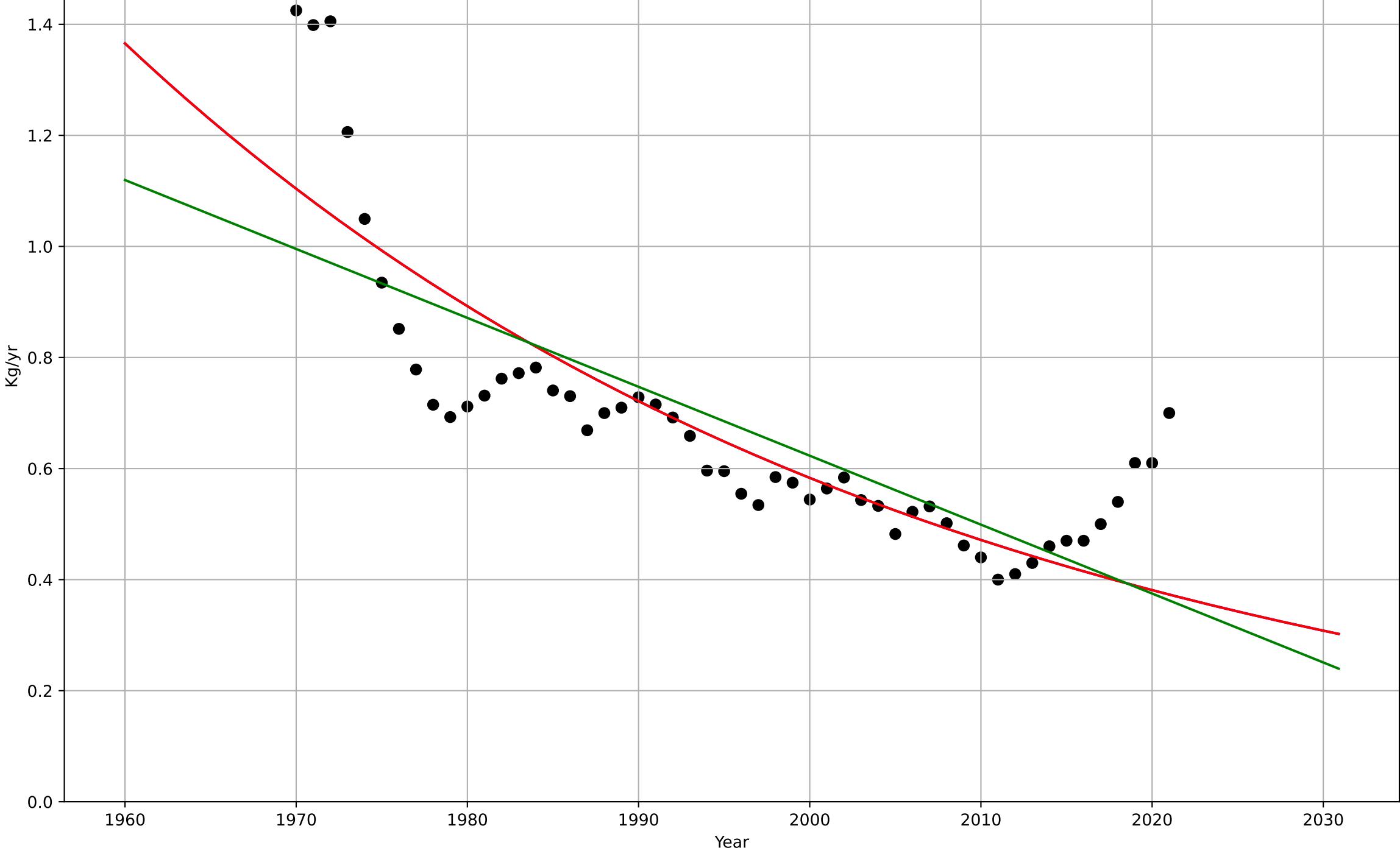
1.1 Adoption over time

per capita sheep & goat consumption

Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1456, Dt=-207, K=6.19e+04$	-0.0213	0.707	0.689	0.129	0.0892
Exponential	$6.12 \cdot \exp(-0.0213 \cdot (x-1889))$	-0.0213	0.707	0.695	0.129	0.0892
Linear	intercept=25.4, slope=-0.0124	-0.0124	0.612	0.597	0.148	0.106

eat\_usa\_1.1Ado\_d227\_m137



eating less meat

US

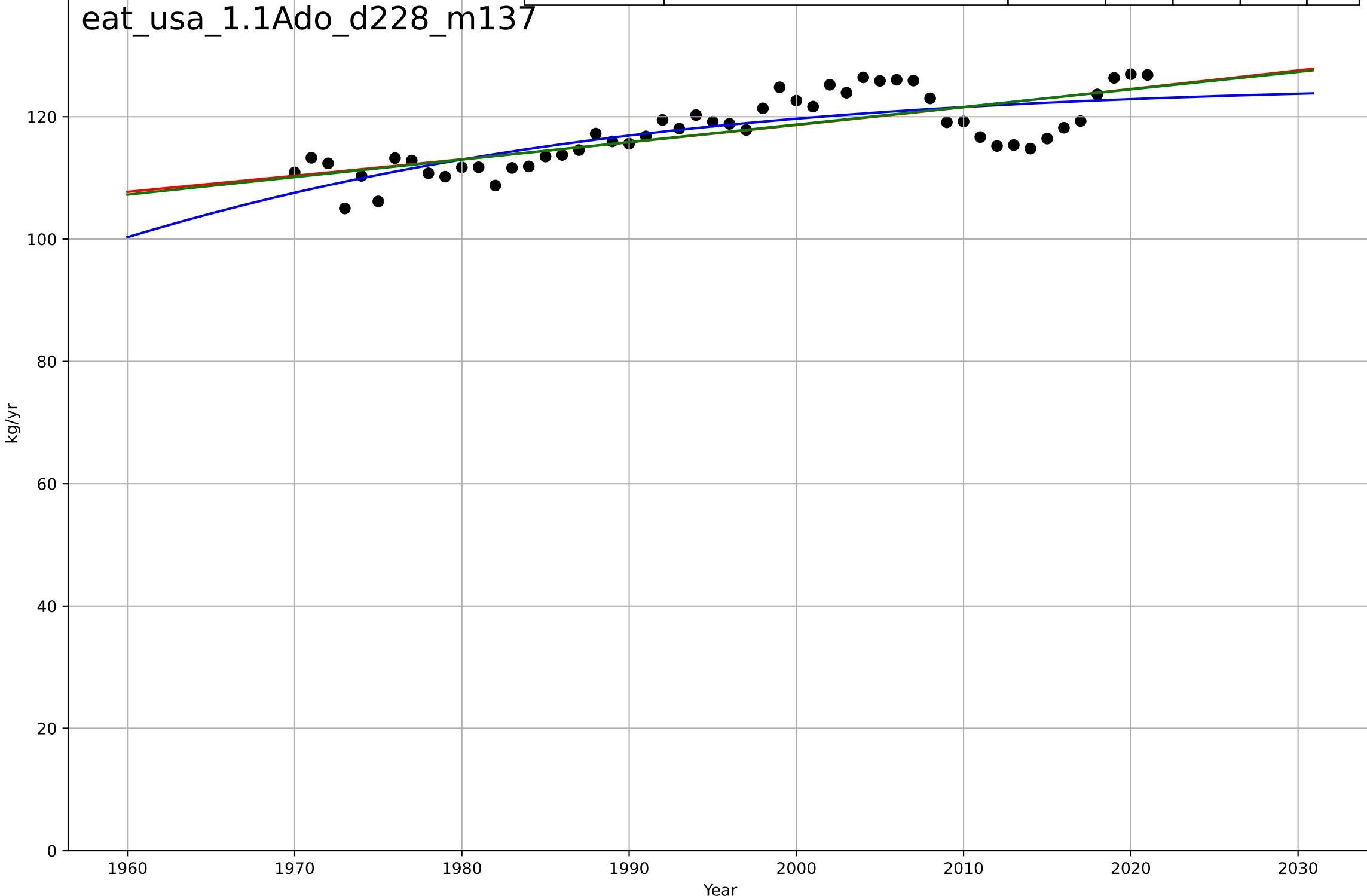
1.1 Adoption over time

per capita total meat consumption

kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1926, D_t=107, K=126$	0.041	0.612	0.588	3.55	3.01
Exponential	$37.4 \cdot \exp(0.00242 \cdot (x-1522))$	0.00242	0.564	0.546	3.76	3.07
Linear	intercept=-455, slope=0.287	0.287	0.57	0.552	3.74	3.05

eat\_usa\_1.1Ado\_d228\_m137



eating less meat

US

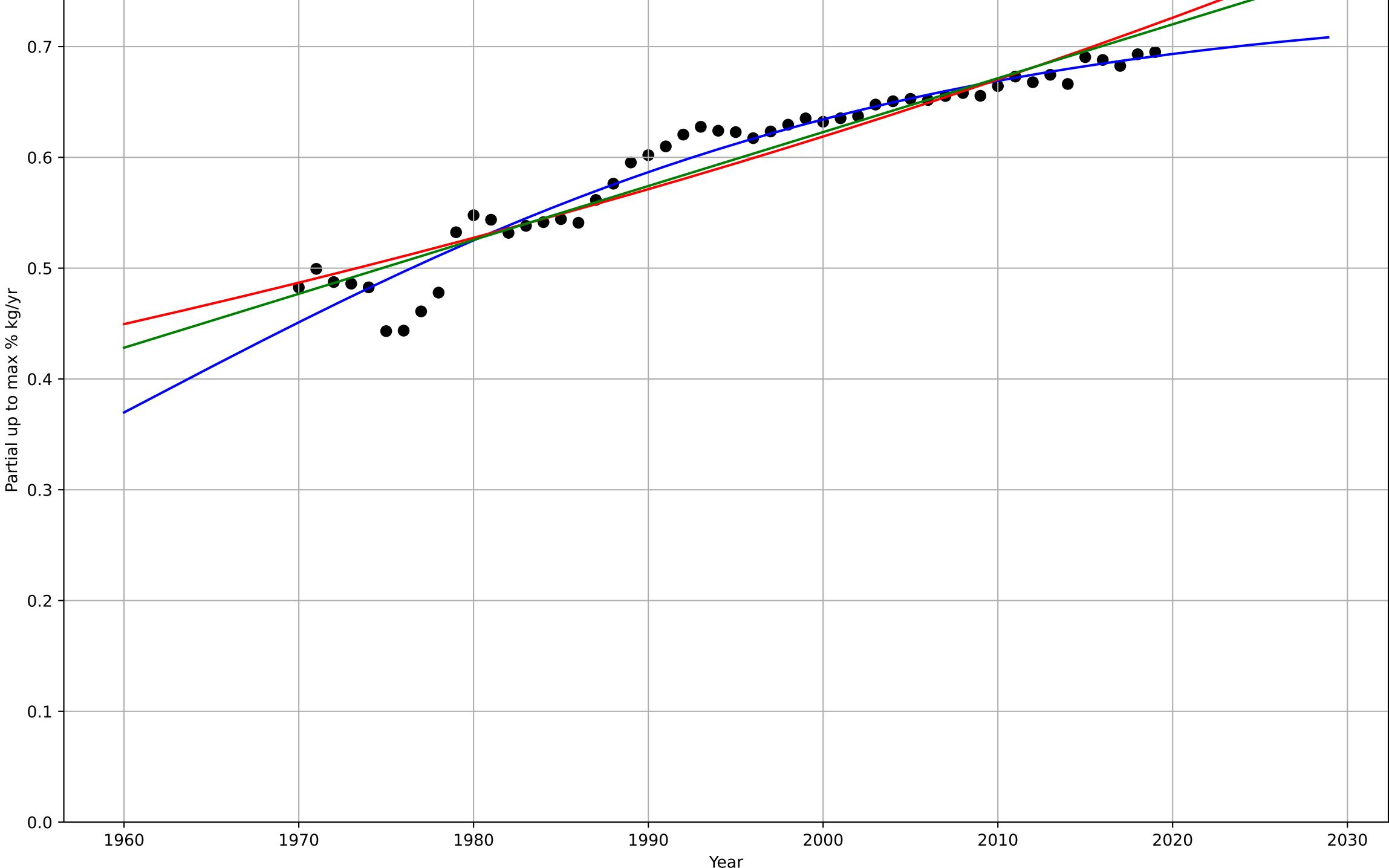
1.1 Adoption over time

Partial up to max % poultry+pig in total meat consumption

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1960, D_t=98.5, K=0.741$	0.0446	0.941	0.937	0.0178	0.0124
Exponential	$5.03 \cdot \exp(0.00799 \cdot (x-2262))$	0.00799	0.893	0.889	0.024	0.0184
Linear	intercept=-9.11, slope=0.00487	0.00487	0.912	0.909	0.0217	0.0164

eat\_usa\_1.1Ado\_d256\_m166



eating less meat

US

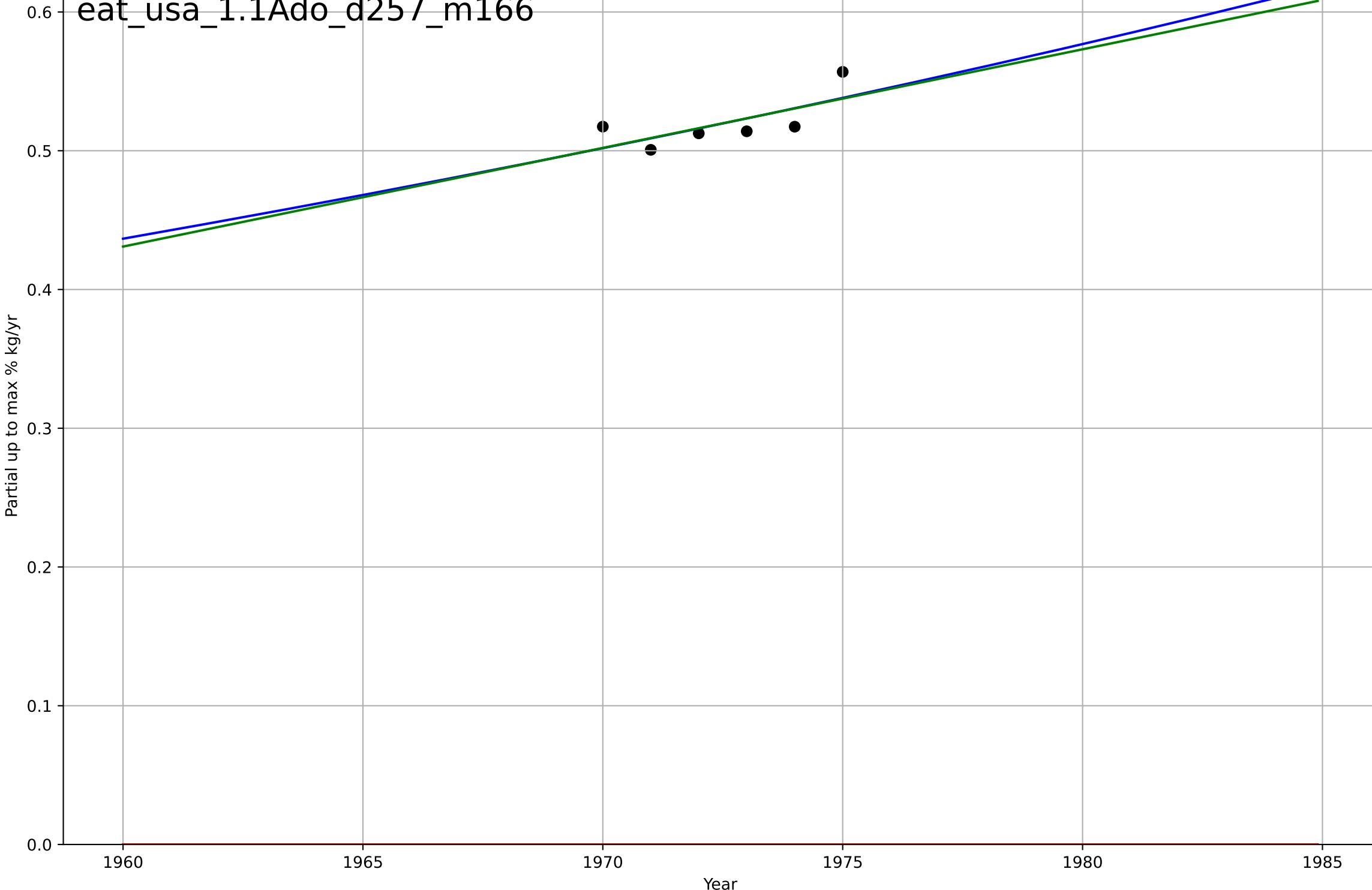
1.1 Adoption over time

Partial up to max % red in total meat consumpt

Partial up to max % kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2485, Dt=315, K=659	0.0139	0.49	-0.274	0.0125	0.0114
Exponential	1.55e+03*exp(0.00165*(x-157400))	0.00165	-882	-1.47e+03	0.52	0.52
Linear	intercept=-13.5, slope=0.00711	0.00711	0.481	0.136	0.0126	0.0115

eat\_usa\_1.1Ado\_d257\_m166



eating less meat

US

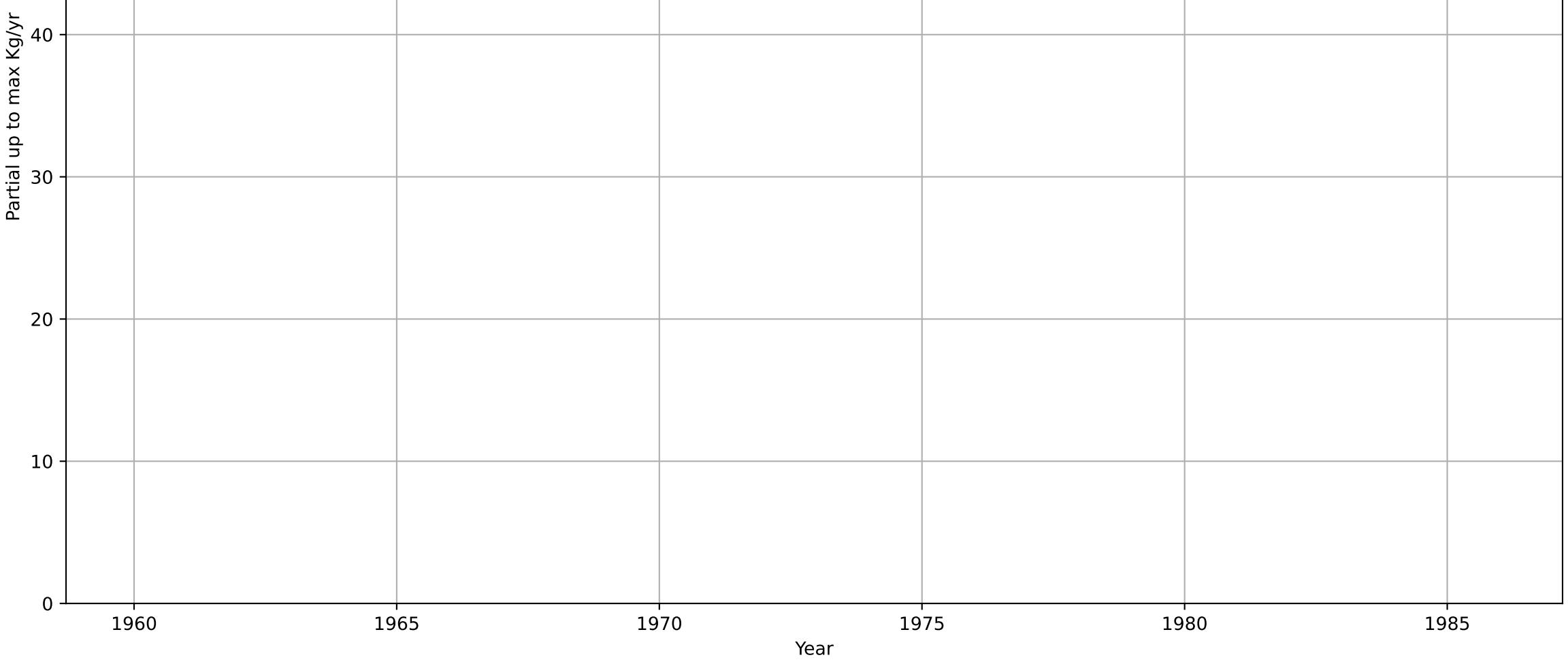
1.1 Adoption over time

Partial up to max per capita beef consumption

Partial up to max Kg/yr

eat\_usa\_1.1Ado\_d258\_m168

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2462, Dt=270, K=1.58e+05$	0.0163	0.43	-0.14	2.05	1.61
Exponential	$14.8 \cdot \exp(0.0163 \cdot (x-1892))$	0.0163	0.43	0.145	2.05	1.61
Linear	intercept=-1.68e+03, slope=0.877	0.877	0.418	0.127	2.07	1.61



eating less meat

US

1.1 Adoption over time

Partial up to max per capita other meat consum

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=nan, slope=nan	nan	nan	nan	nan	nan

eat\_usa\_1.1Ado\_d259\_m168

Partial up to max kg/yr

2.0

1.5

1.0

0.5

0.0

1875

1900

1925

1950

1975

2000

2025

2050

2075

Year

●

eating less meat

US

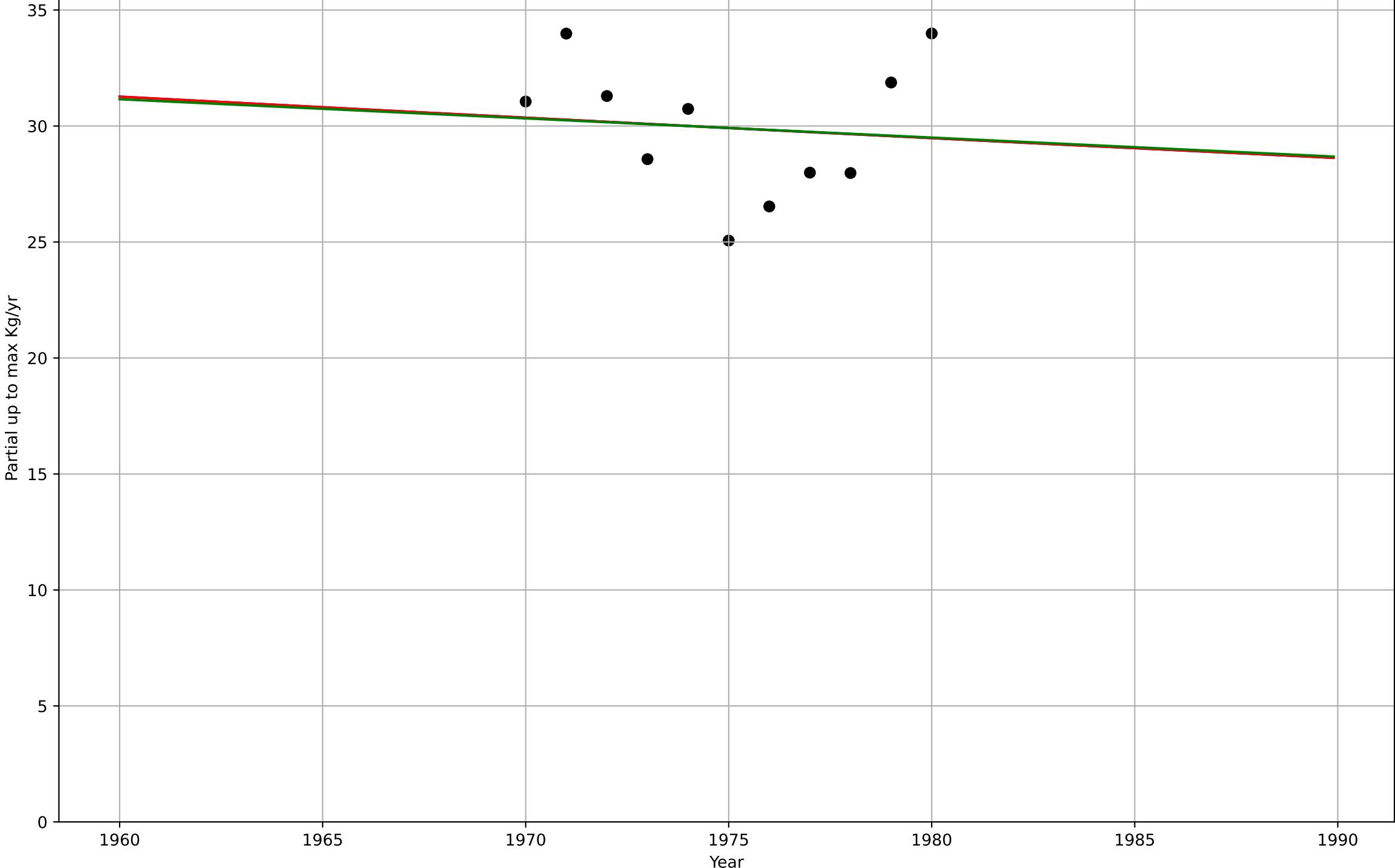
1.1 Adoption over time

Partial up to max per capita pig consumption

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=362, D_t=-1.48e+03, K=3.62e+03$	-0.00297	0.0094	-0.415	2.77	2.38
Exponential	$45.5 \cdot \exp(-0.00295 \cdot (x-1832))$	-0.00295	0.00941	-0.238	2.77	2.38
Linear	intercept=193, slope=-0.0826	-0.0826	0.00882	-0.239	2.77	2.38

eat\_usa\_1.1Ado\_d260\_m168



eating less meat

US

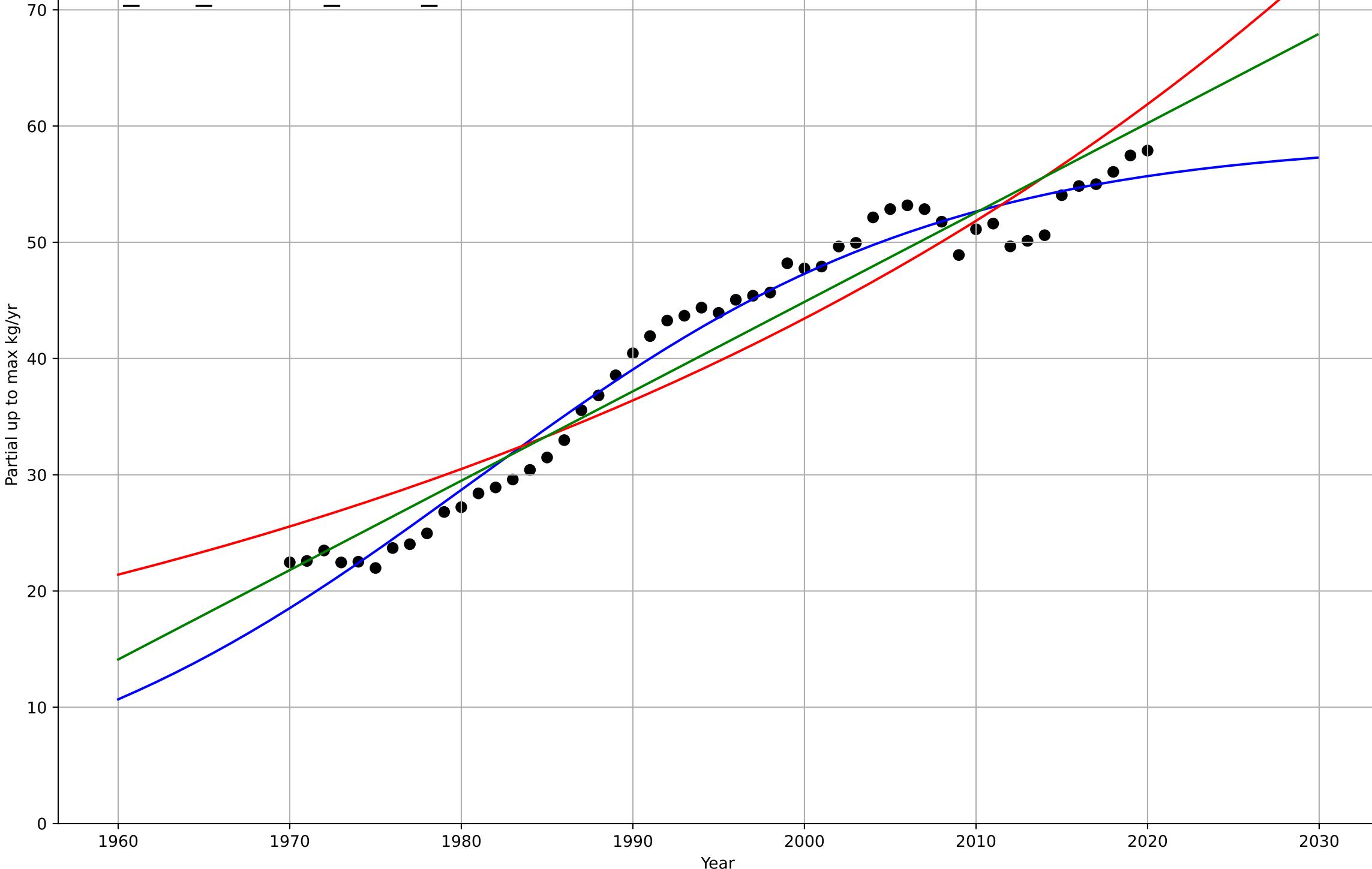
1.1 Adoption over time

Partial up to max per capita poultry consumption

Partial up to max kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1981, D_t=60.3, K=58.9$	0.0729	0.974	0.972	1.89	1.55
Exponential	$6.51 \cdot \exp(0.0177 \cdot (x-1893))$	0.0177	0.889	0.884	3.9	3.66
Linear	intercept=-1.49e+03, slope=0.769	0.769	0.939	0.937	2.88	2.63

eat\_usa\_1.1Ado\_d261\_m168



eating less meat

US

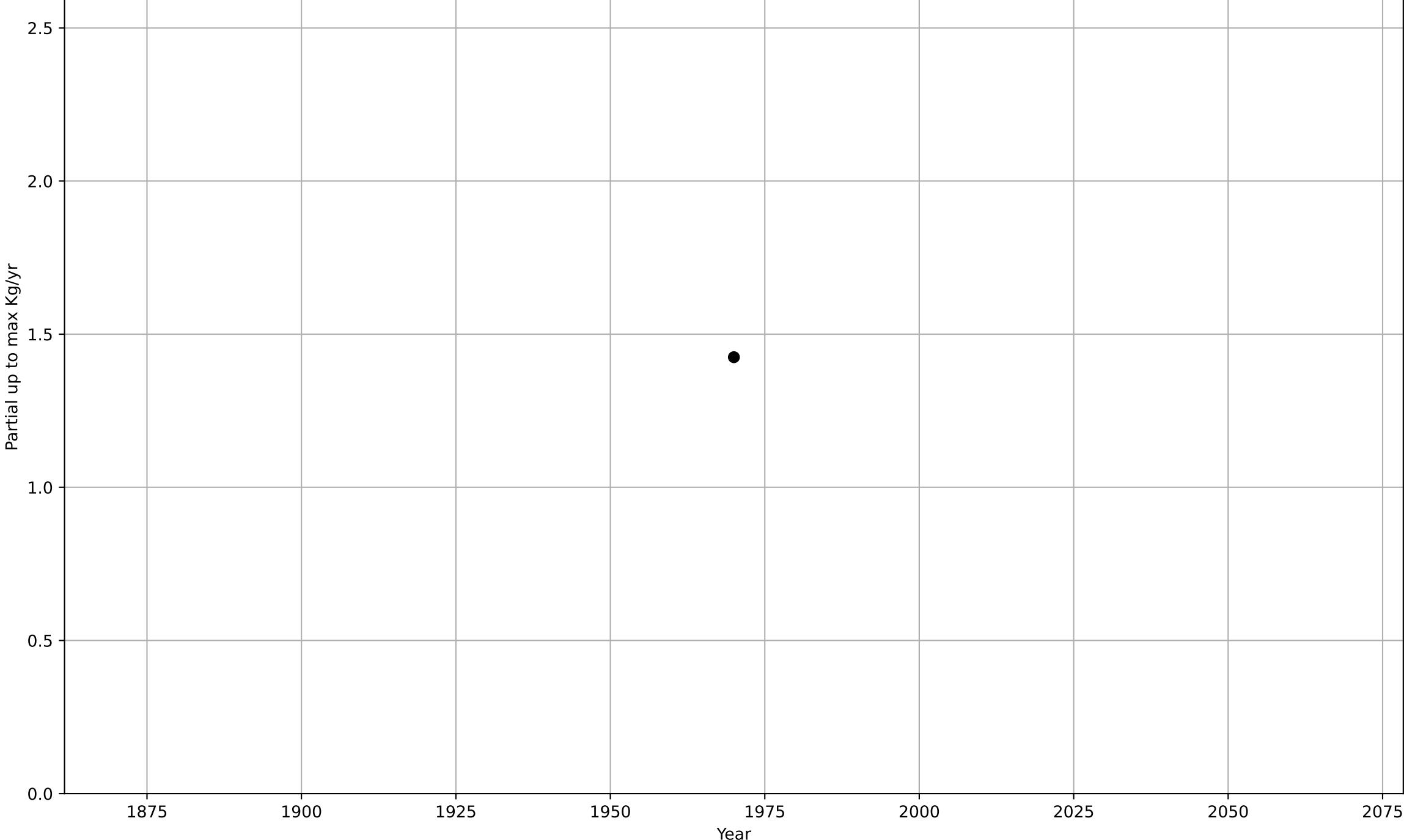
1.1 Adoption over time

Partial up to max per capita sheep & goat consu

Partial up to max Kg/yr

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=nan, slope=nan	nan	nan	nan	nan	nan

eat\_usa\_1.1Ado\_d262\_m168



eating less meat

US

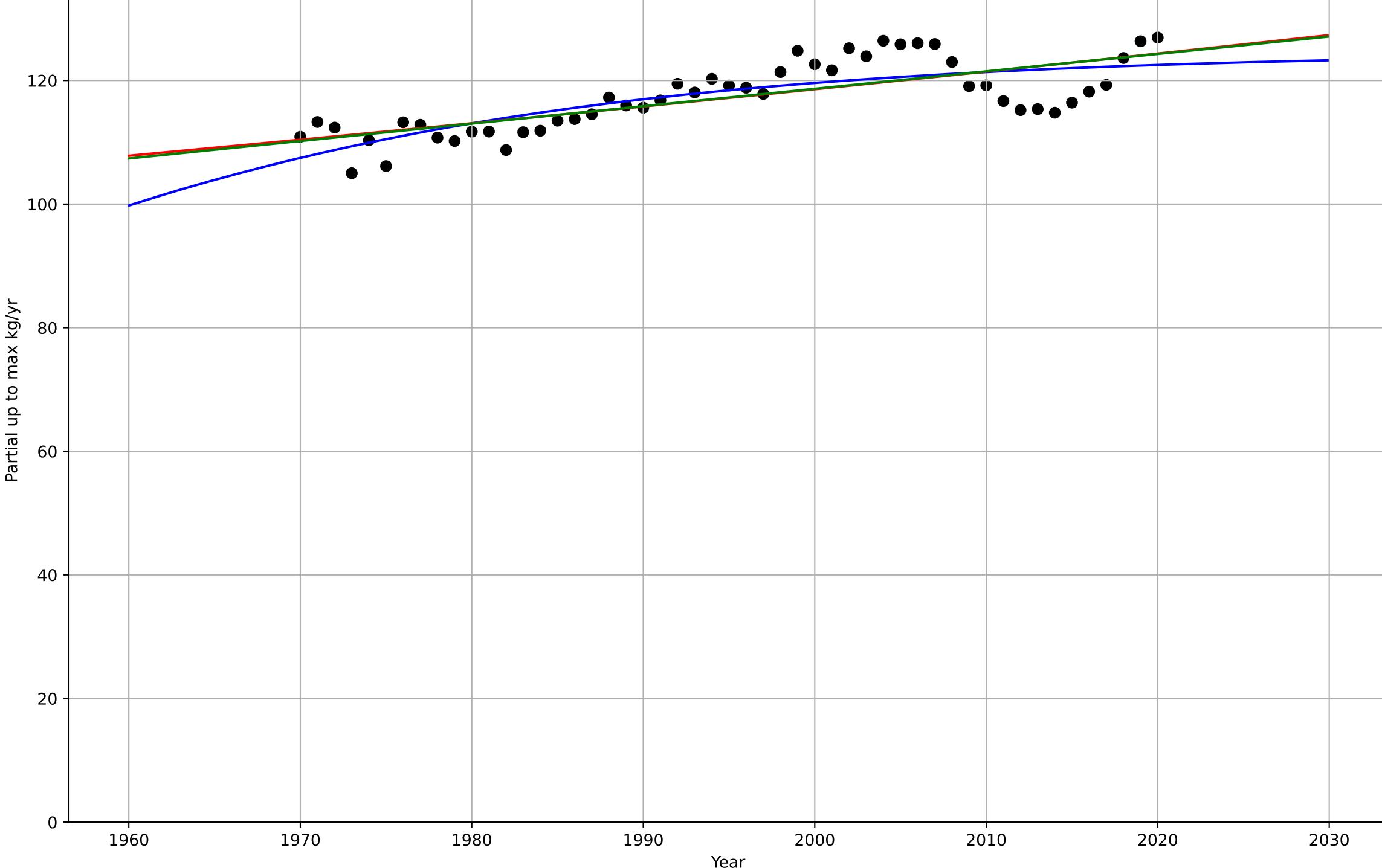
1.1 Adoption over time

Partial up to max per capita total meat consumption

Partial up to max kg/yr

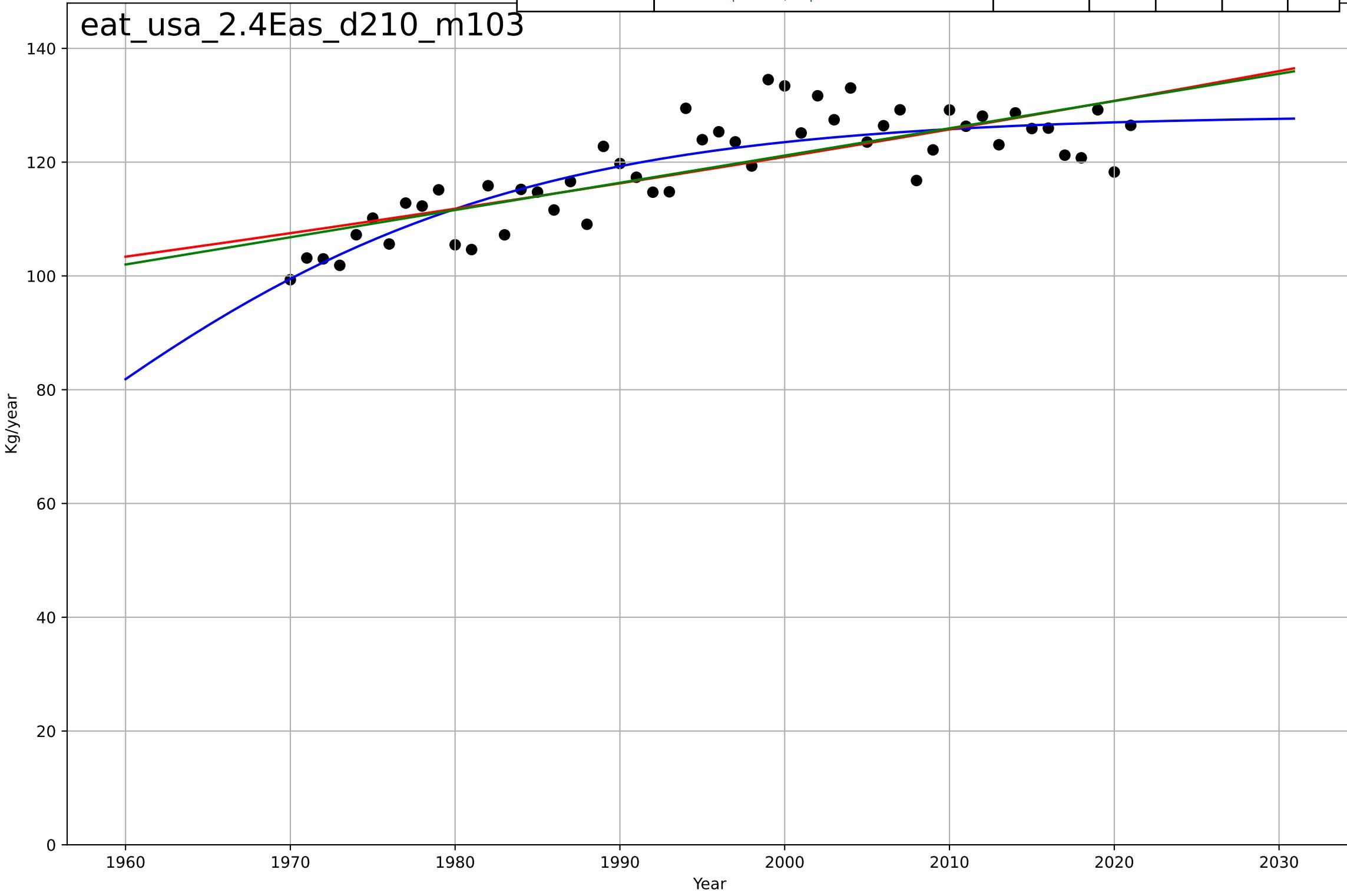
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1929, D_t=98.7, K=125$	0.0445	0.601	0.575	3.54	3
Exponential	$126 \cdot \exp(0.00238 \cdot (x-2026))$	0.00238	0.542	0.523	3.79	3.09
Linear	intercept=-445, slope=0.282	0.282	0.549	0.53	3.76	3.07

eat\_usa\_1.1Ado\_d263\_m168



eating less meat  
US  
2.4 Ease of Use  
Vegetable consumption per capita  
Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1952, D_t=65.3, K=128$	0.0673	0.729	0.712	4.78	3.79
Exponential	$25.9 \cdot \exp(0.00392 \cdot (x-1606))$	0.00392	0.597	0.58	5.83	4.7
Linear	intercept=-837, slope=0.479	0.479	0.613	0.597	5.71	4.61



eating less meat

US

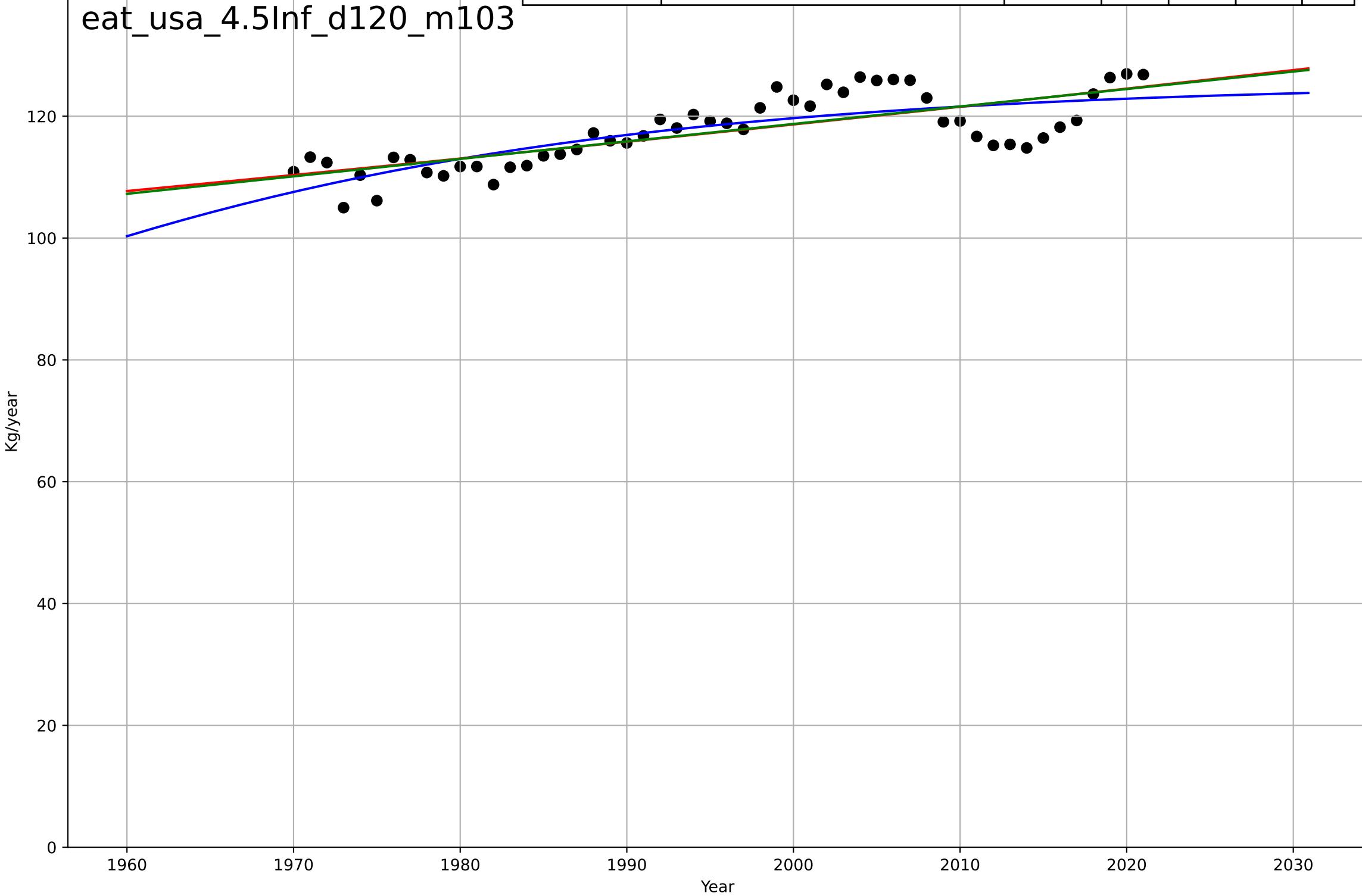
4.5 Physical Infrastructure Dependence

Meat supply/person

Kg/year

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1926, D_t=107, K=126$	0.041	0.613	0.588	3.55	3
Exponential	$34.7 \cdot \exp(0.00242 \cdot (x-1491))$	0.00242	0.564	0.546	3.76	3.06
Linear	intercept=-455, slope=0.287	0.287	0.57	0.552	3.74	3.05

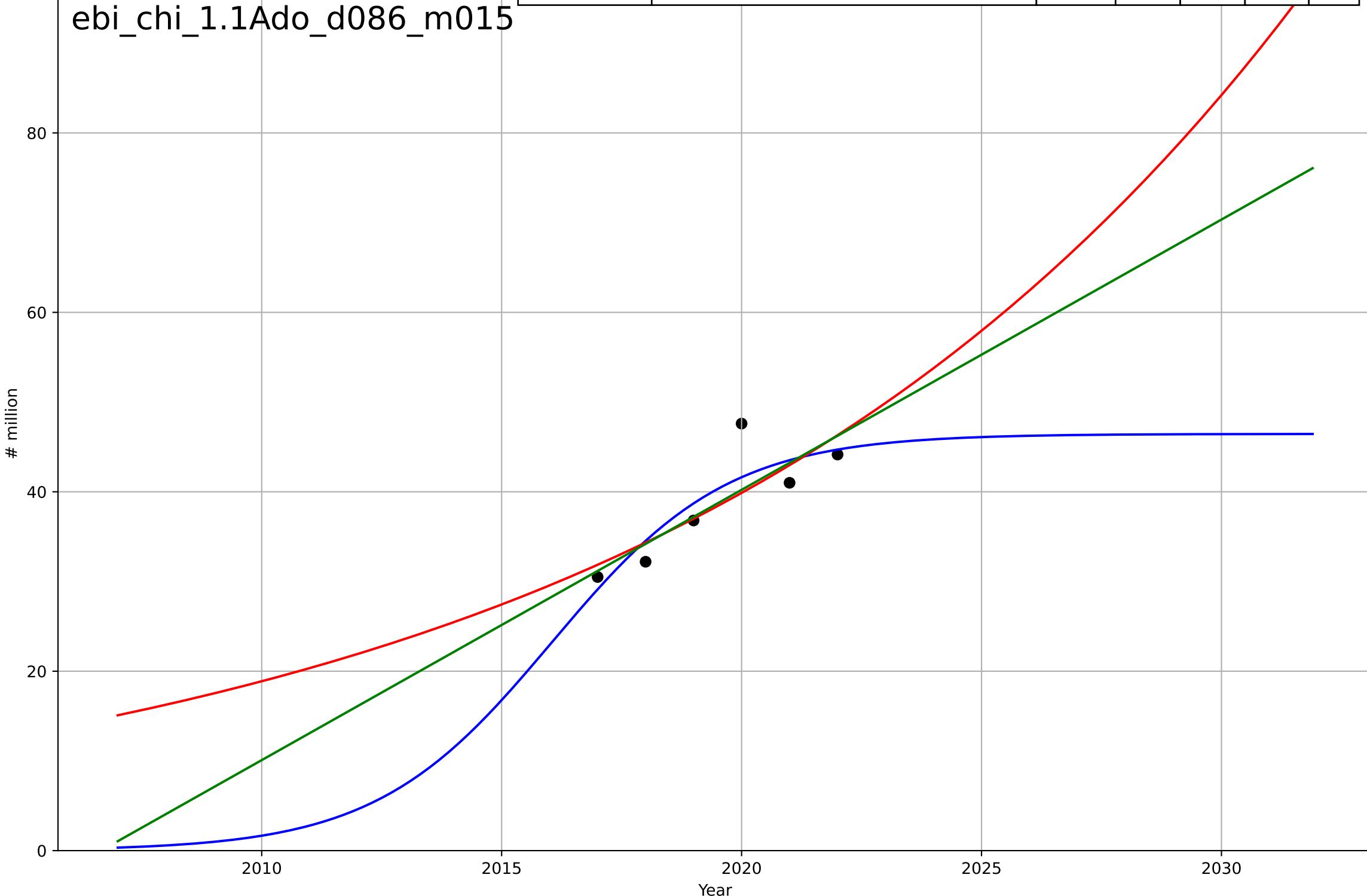
eat\_usa\_4.5Inf\_d120\_m103



e-bikes  
China  
1.1 Adoption over time  
E-bike sales volumes  
# million

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2016, Dt=8.06, K=46.4	0.545	0.765	0.413	2.98	2.45
Exponential	0.501*exp(0.0748*(x-1961))	0.0748	0.671	0.452	3.53	2.59
Linear	intercept=-6.05e+03, slope=3.01	3.01	0.699	0.498	3.38	2.46

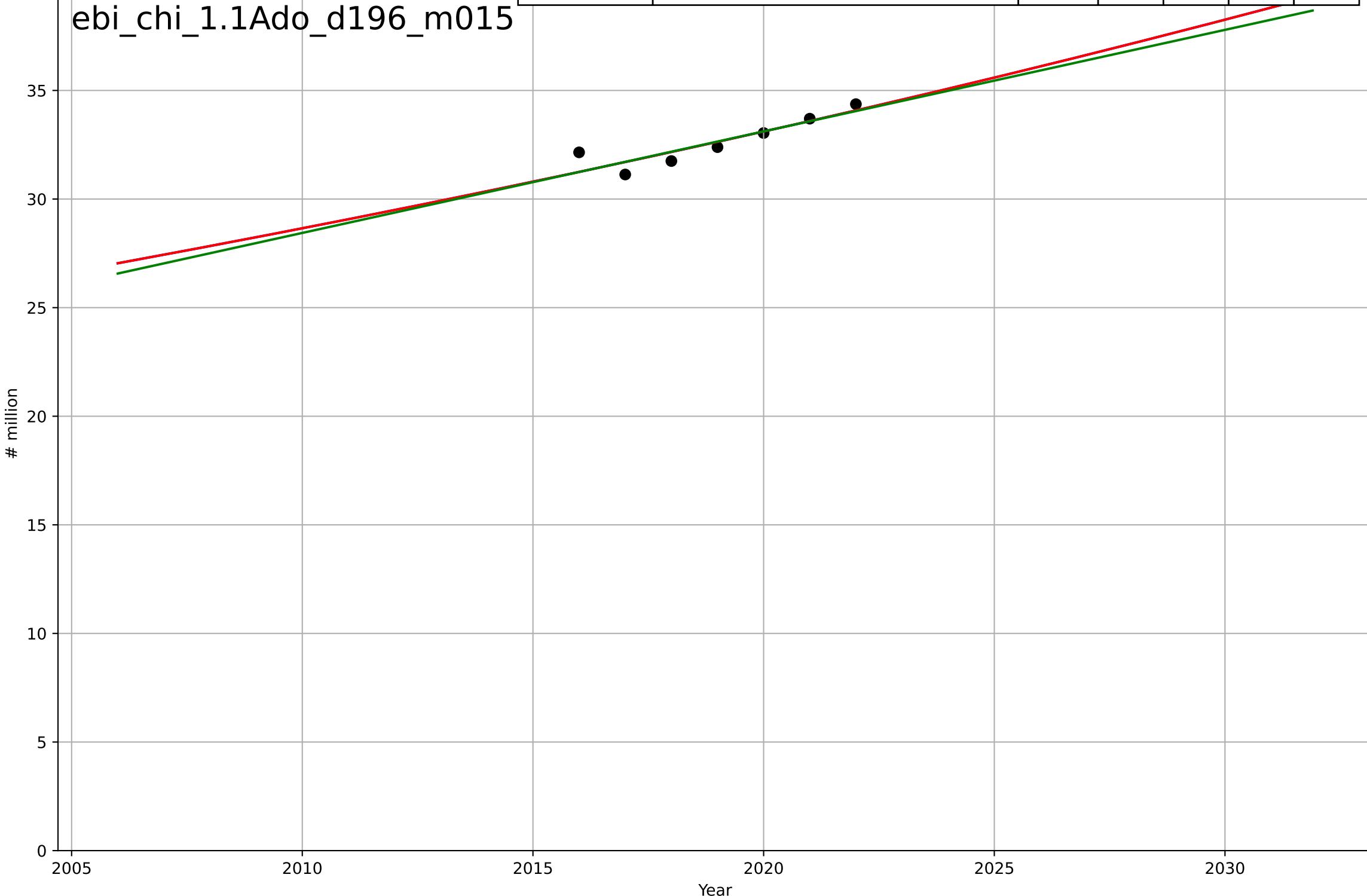
ebi\_chi\_1.1Ado\_d086\_m015



e-bikes  
China  
1.1 Adoption over time  
Total e-bike manufacturing volumes  
# million

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2577, D_t=304, K=1.04e+05$	0.0145	0.807	0.615	0.459	0.372
Exponential	$5.82 \cdot \exp(0.0145 \cdot (x-1900))$	0.0145	0.807	0.711	0.459	0.372
Linear	intercept=-911, slope=0.468	0.468	0.8	0.7	0.468	0.384

ebi\_chi\_1.1Ado\_d196\_m015

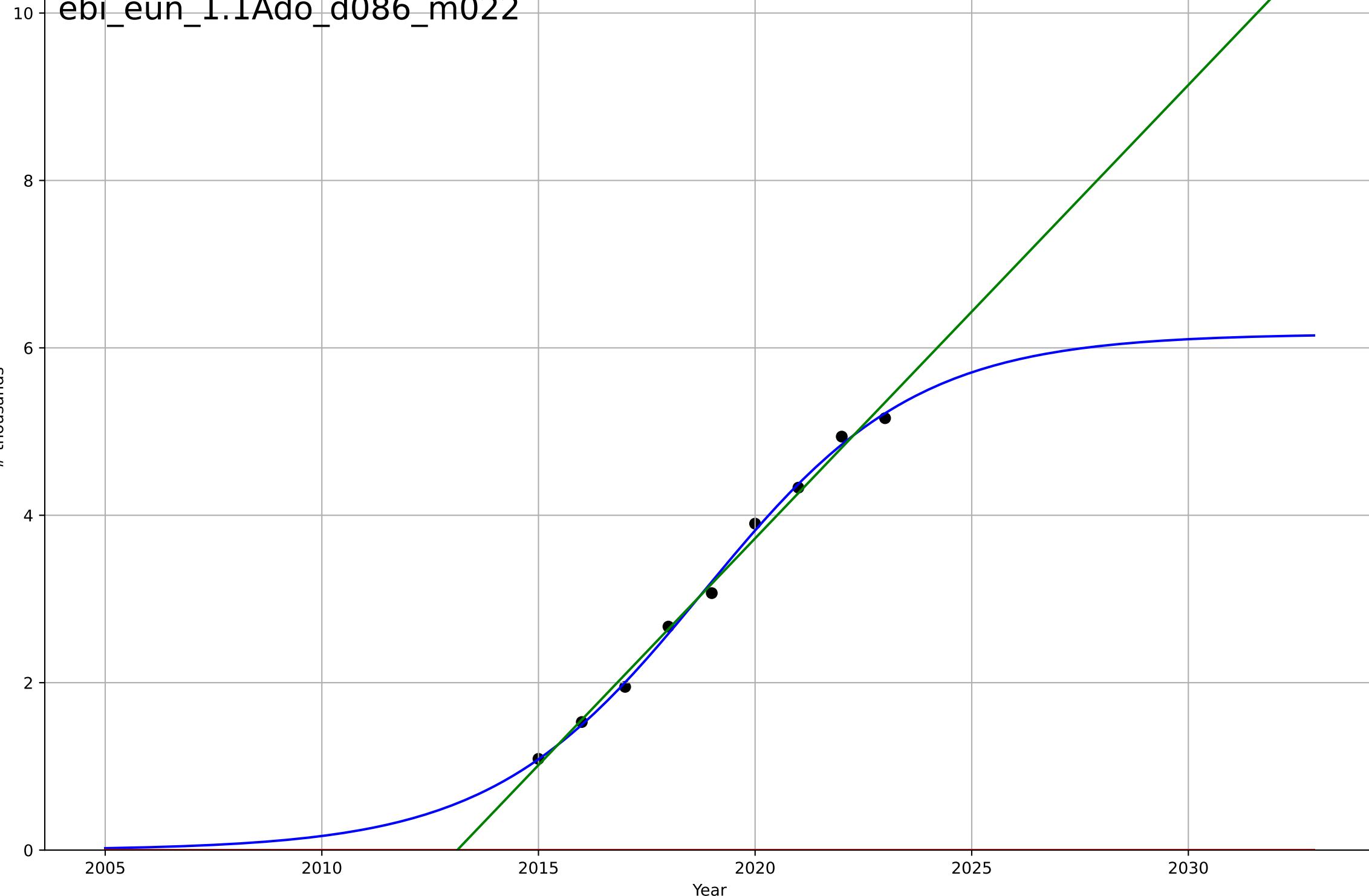


e-bikes  
EU  
1.1 Adoption over time  
E-bike sales volumes  
# thousands

	Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=10.8, K=6.17	0.406	0.997	0.995	0.0752	0.0658	
Exponential	1.54e+03*exp(0.0513*(x-159072))	0.0513	-5.14	-7.19	3.48	3.18	
Linear	intercept=-1.09e+03, slope=0.542	0.542	0.993	0.99	0.12	0.106	

ebi\_eun\_1.1Ado\_d086\_m022

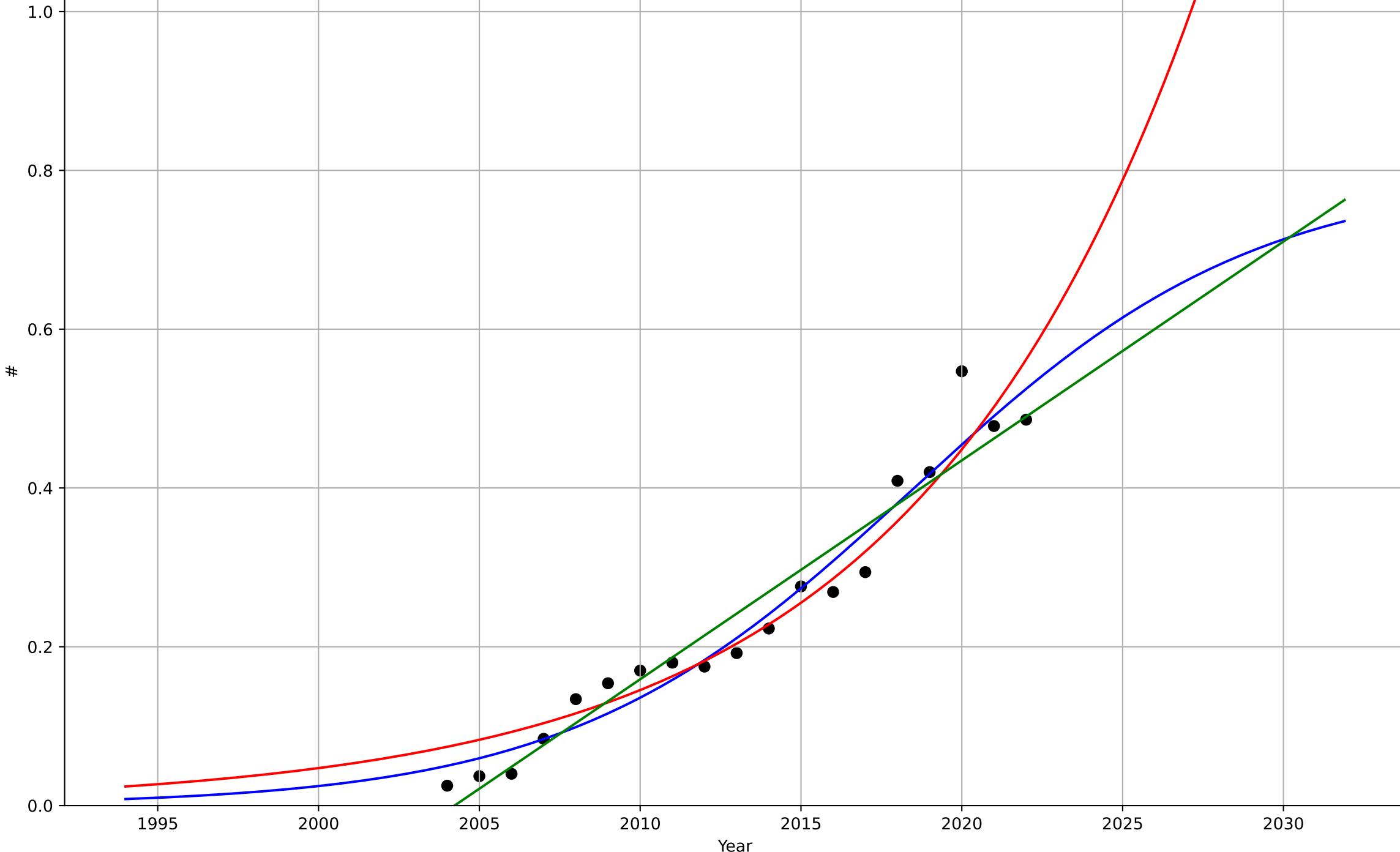
# thousands



e-bikes  
The Netherlands  
1.1 Adoption over time  
Annual production  
#  
1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=23.5, K=7.96e+05$	0.187	0.952	0.943	3.41e+04	2.73e+04
Exponential	$4.85e-06 \cdot \exp(0.113 \cdot (x-1796))$	0.113	0.935	0.927	3.98e+04	3.2e+04
Linear	intercept=-5.53e+07, slope=2.76e+04	2.76e+04	0.935	0.927	3.97e+04	3.04e+04

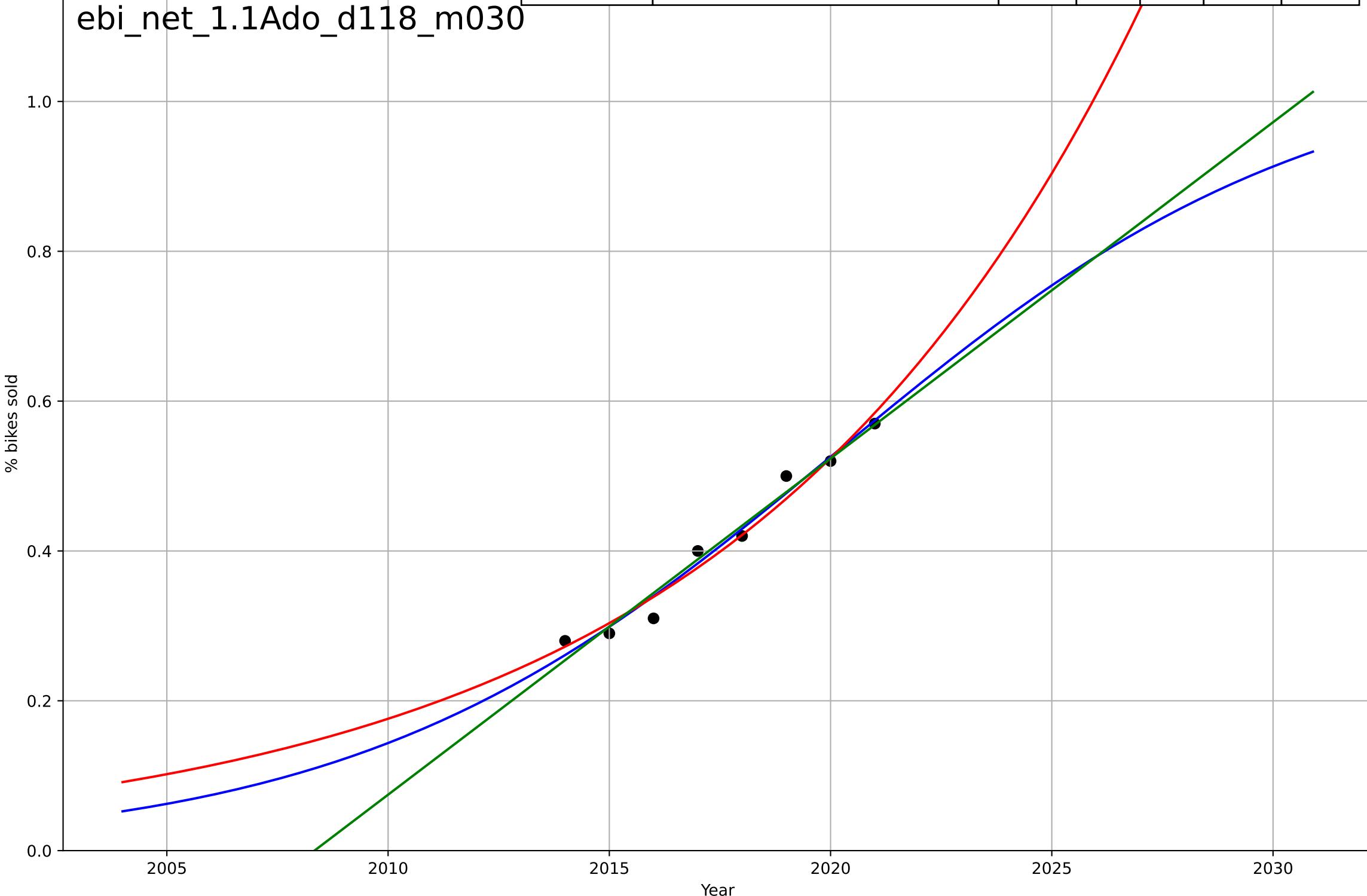
ebi\_net\_1.1Ado\_d050\_m001



e-bikes  
The Netherlands  
1.1 Adoption over time  
Market share  
% bikes sold

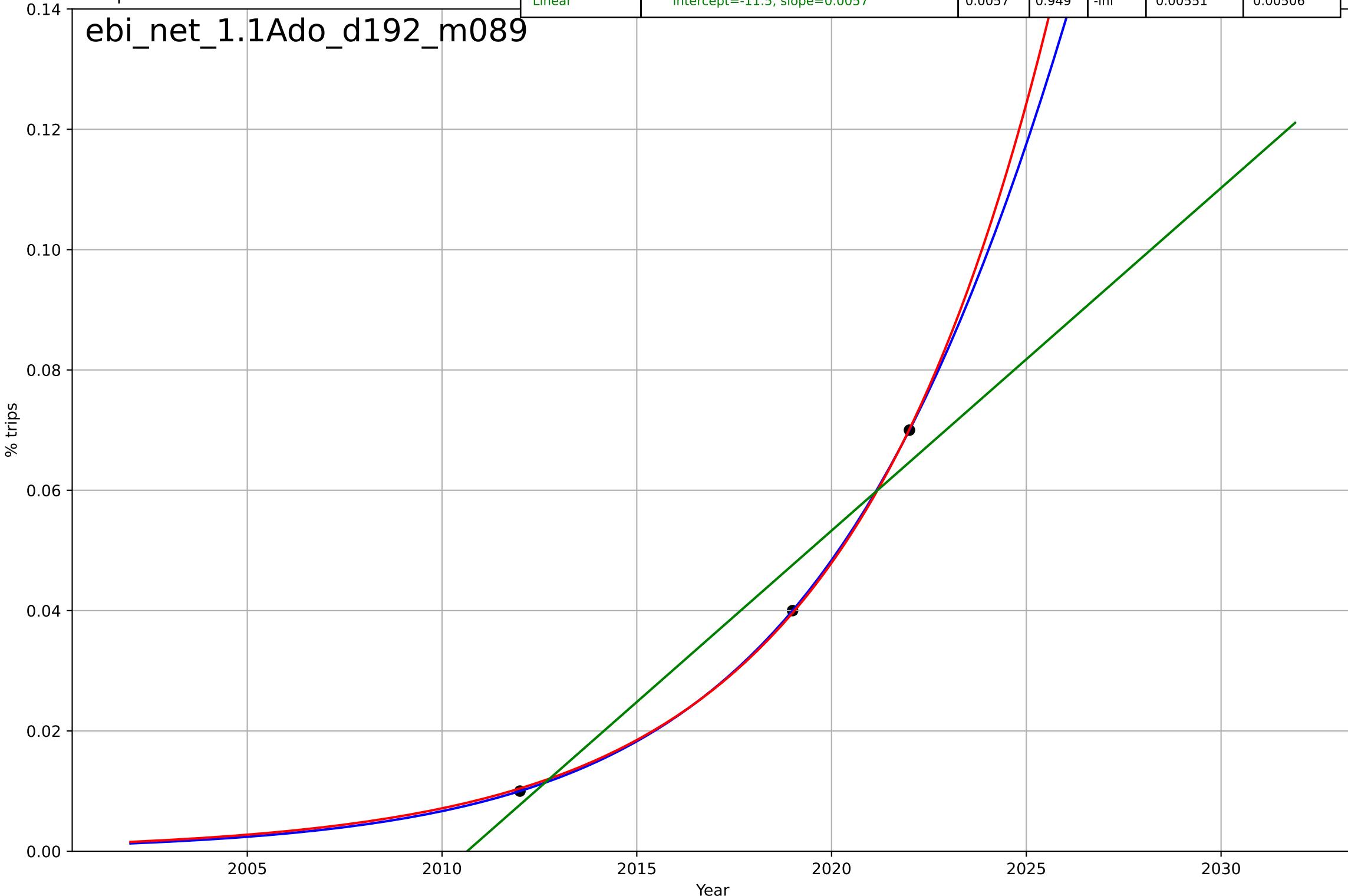
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=23.9, K=1.06$	0.184	0.974	0.955	0.0168	0.0145
Exponential	$5.8 \cdot \exp(0.109 \cdot (x-2042))$	0.109	0.969	0.957	0.0184	0.0153
Linear	intercept=-90.1, slope=0.0449	0.0449	0.969	0.957	0.0183	0.015

ebi\_net\_1.1Ado\_d118\_m030



e-bikes  
 The Netherlands  
 1.1 Adoption over time  
 Share of trips  
 % trips

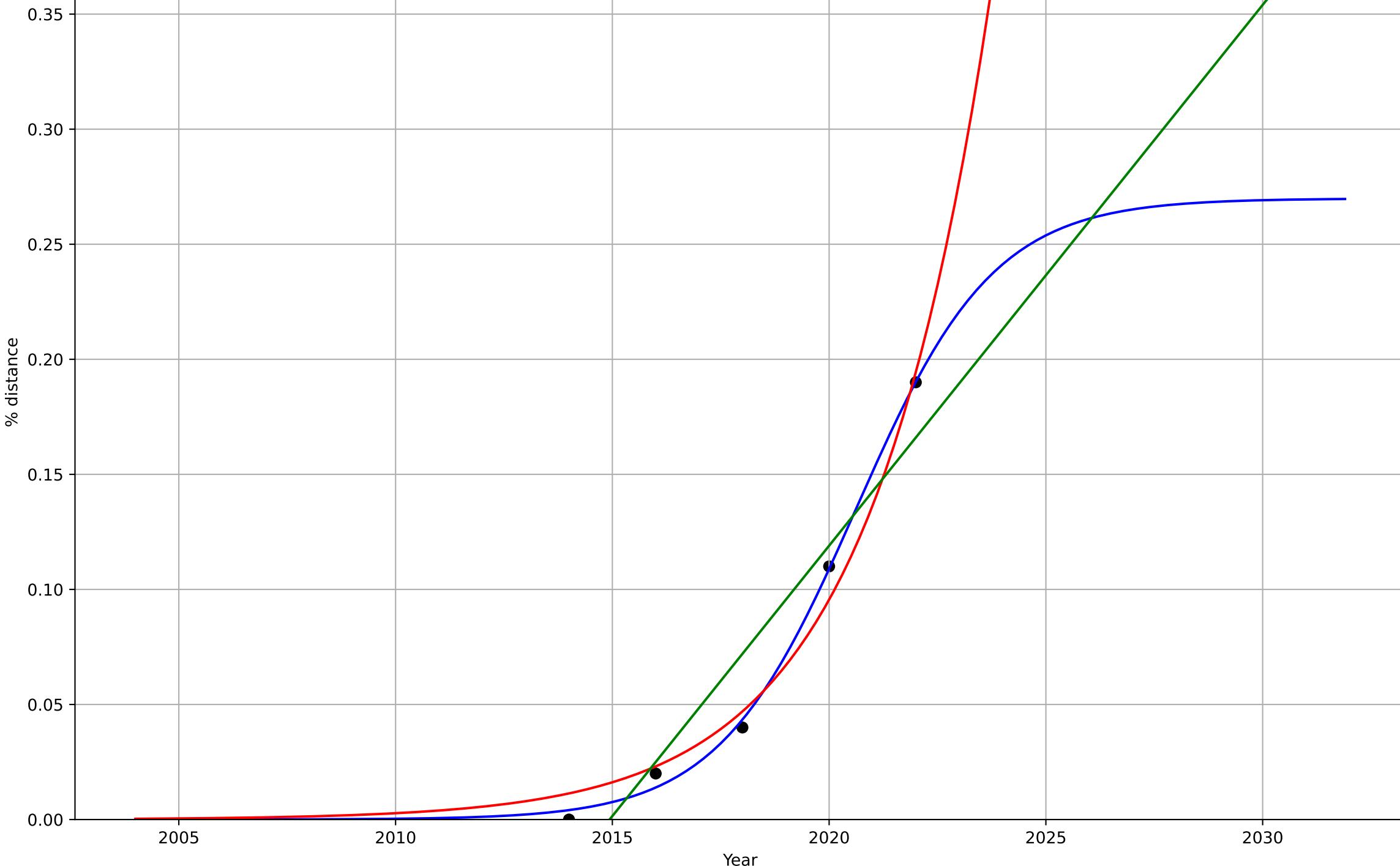
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2032, D_t=21.3, K=0.572$	0.206	1	1	4.39e-09	3.75e-09
Exponential	$1.01e-17 \cdot \exp(0.191 \cdot (x-1831))$	0.191	1	-inf	0.000349	0.000326
Linear	intercept=-11.5, slope=0.0057	0.0057	0.949	-inf	0.00551	0.00506



e-bikes  
 The Netherlands  
 3.2 Adopter characteristics  
 Distance share by age group (12-17)  
 % distance

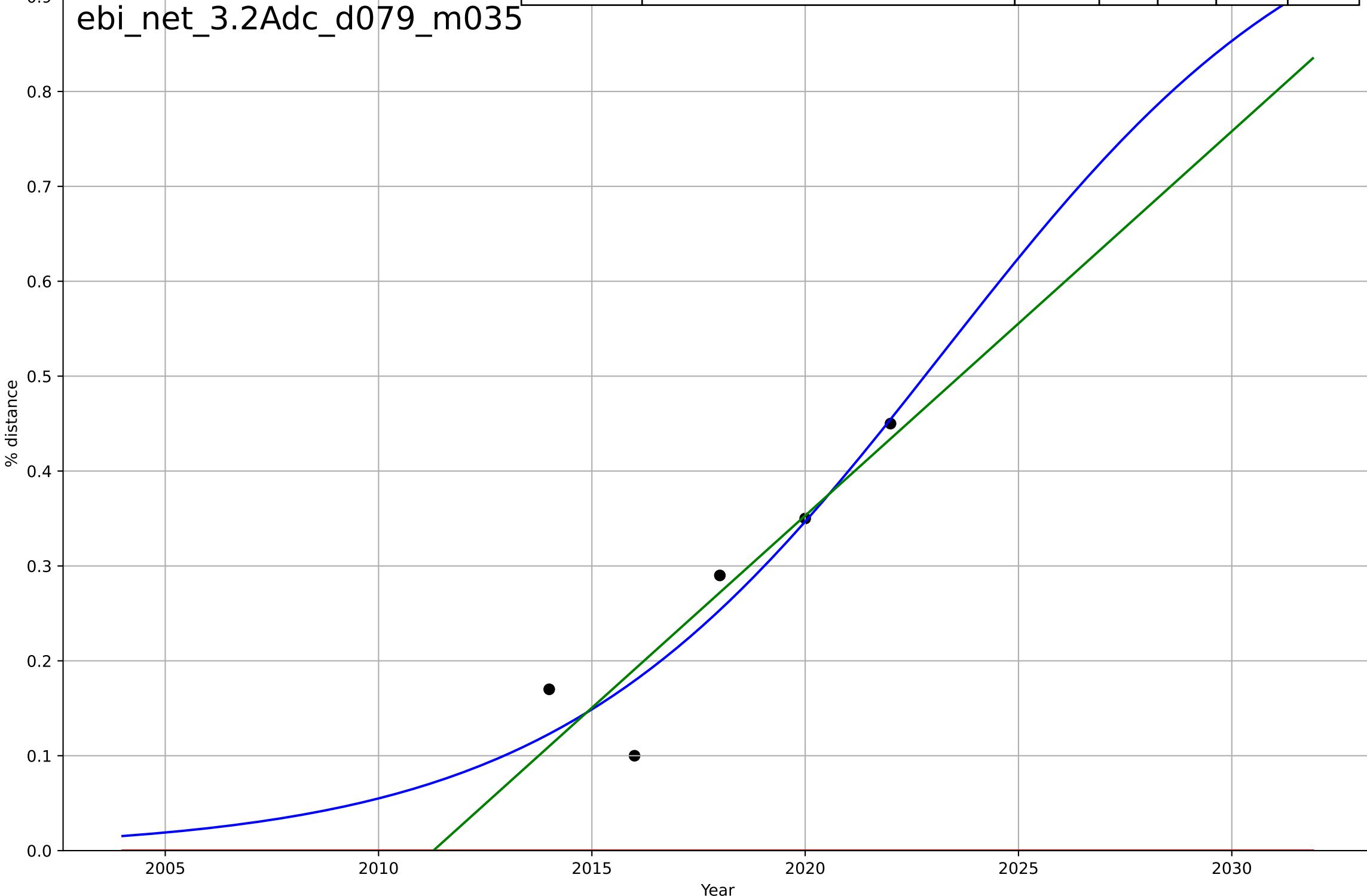
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=6.97, K=0.27$	0.631	0.997	0.989	0.00365	0.00298
Exponential	$0.347 \cdot \exp(0.355 \cdot (x-2024))$	0.355	0.983	0.966	0.00911	0.00805
Linear	intercept=-47.4, slope=0.0235	0.0235	0.91	0.82	0.0209	0.0184

ebi\_net\_3.2Adc\_d078\_m035



e-bikes  
The Netherlands  
3.2 Adopter characteristics  
Distance share by age group (60-64)  
% distance

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=20.1, K=1.05	0.219	0.874	0.497	0.0443	0.034
Exponential	1.55e+03*exp(0.00476*(x-157600))	0.00476	-4.74	-10.5	0.299	0.272
Linear	intercept=-81.5, slope=0.0405	0.0405	0.84	0.681	0.0499	0.0376



e-bikes

The Netherlands

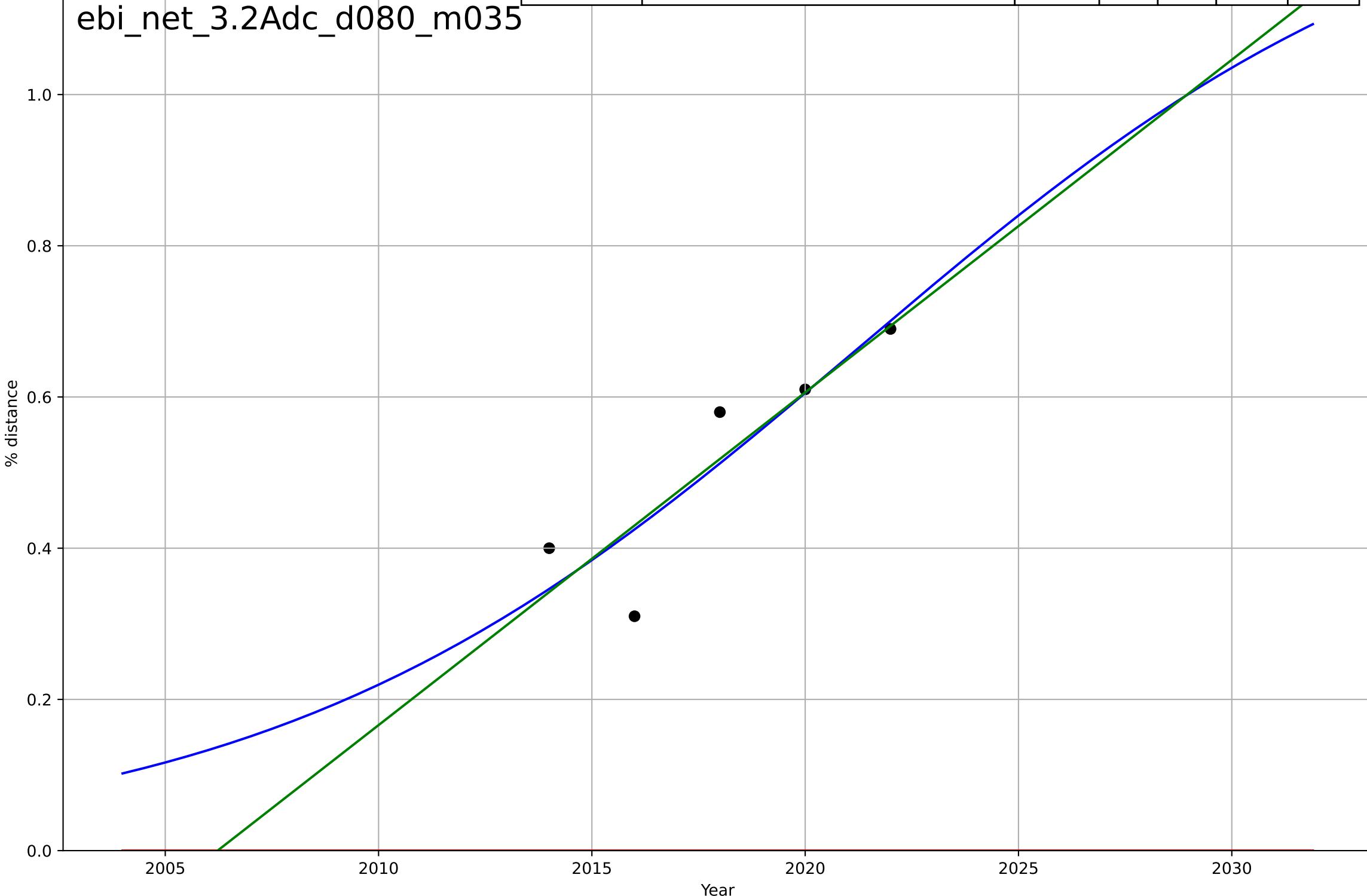
3.2 Adopter characteristics

Distance share by age group (70+)

% distance

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=30.5, K=1.33	0.144	0.79	0.159	0.0646	0.0504
Exponential	1.55e+03*exp(0.00506*(x-157598))	0.00506	-13.5	-28.1	0.537	0.518
Linear	intercept=-88.3, slope=0.044	0.044	0.782	0.563	0.0658	0.0496

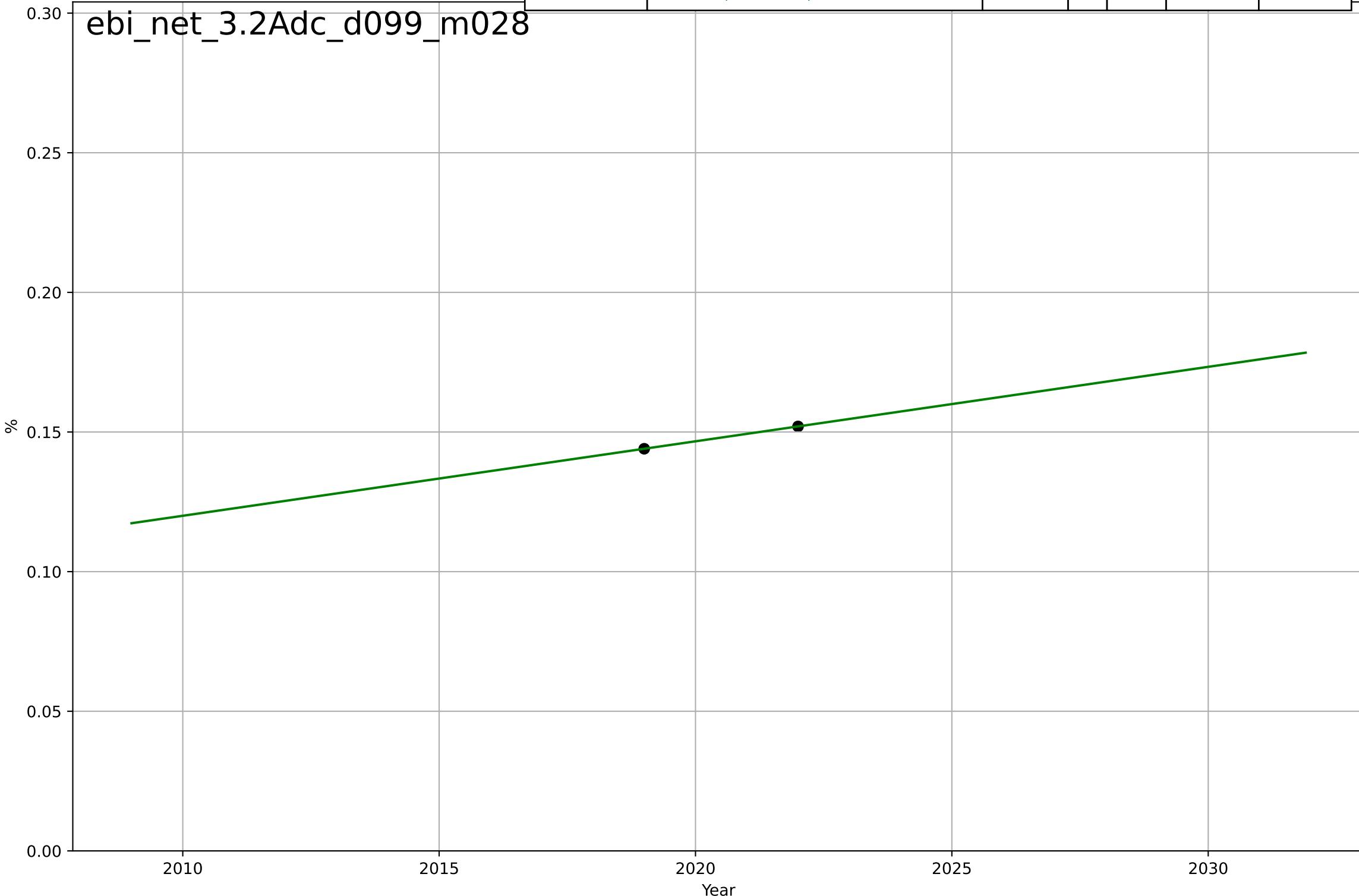
ebi\_net\_3.2Adc\_d080\_m035



e-bikes  
The Netherlands  
3.2 Adopter characteristics  
Female>male share by age group (50-59)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-5.24, slope=0.00267	0.00267	1	1	7.49e-16	7.49e-16

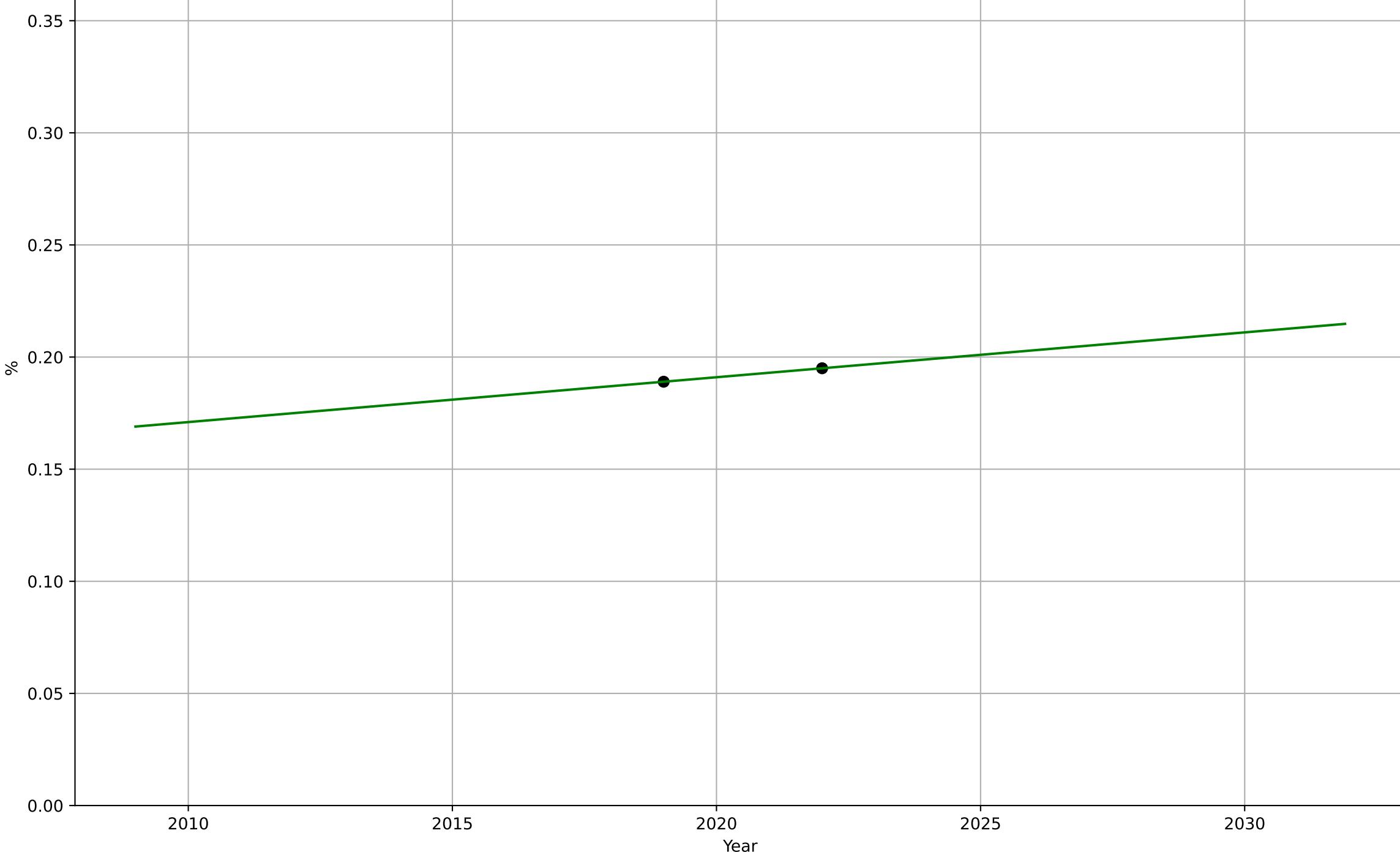
ebi\_net\_3.2Adc\_d099\_m028



e-bikes  
The Netherlands  
3.2 Adopter characteristics  
Female>male share by age group (60-64)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-3.85, slope=0.002	0.002	1	1	7.71e-16	6.66e-16

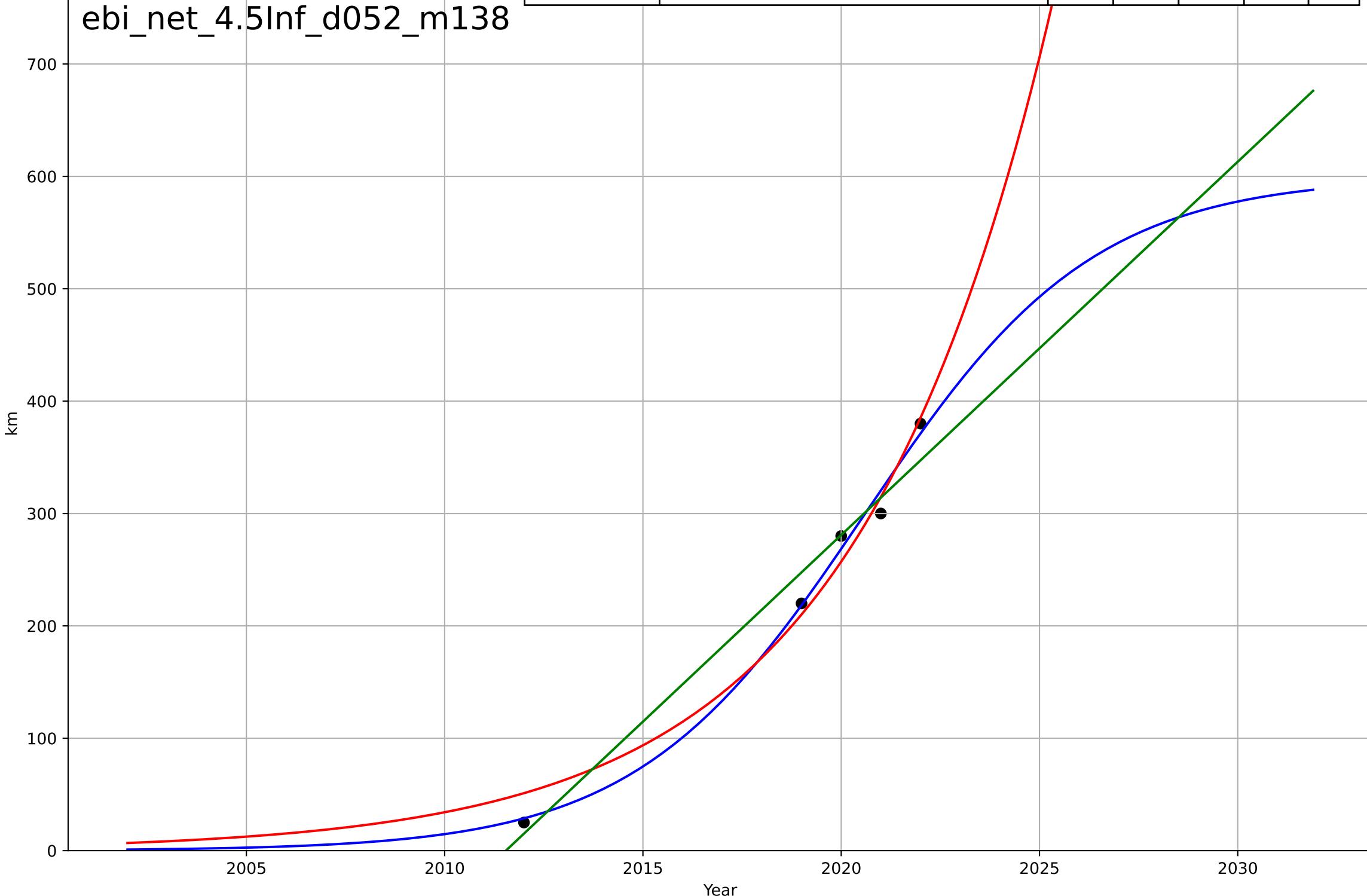
ebi\_net\_3.2Adc\_d100\_m028



e-bikes  
 The Netherlands  
 4.5 Provisioning system  
 Average distance travelled by e-bike per person  
 km

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=12.6, K=600	0.348	0.991	0.964	11.4	9.2
Exponential	7.33e-05*exp(0.202*(x-1945))	0.202	0.978	0.957	17.6	15.7
Linear	intercept=-6.68e+04, slope=33.2	33.2	0.97	0.94	20.6	17

ebi\_net\_4.5Inf\_d052\_m138



e-commerce

China

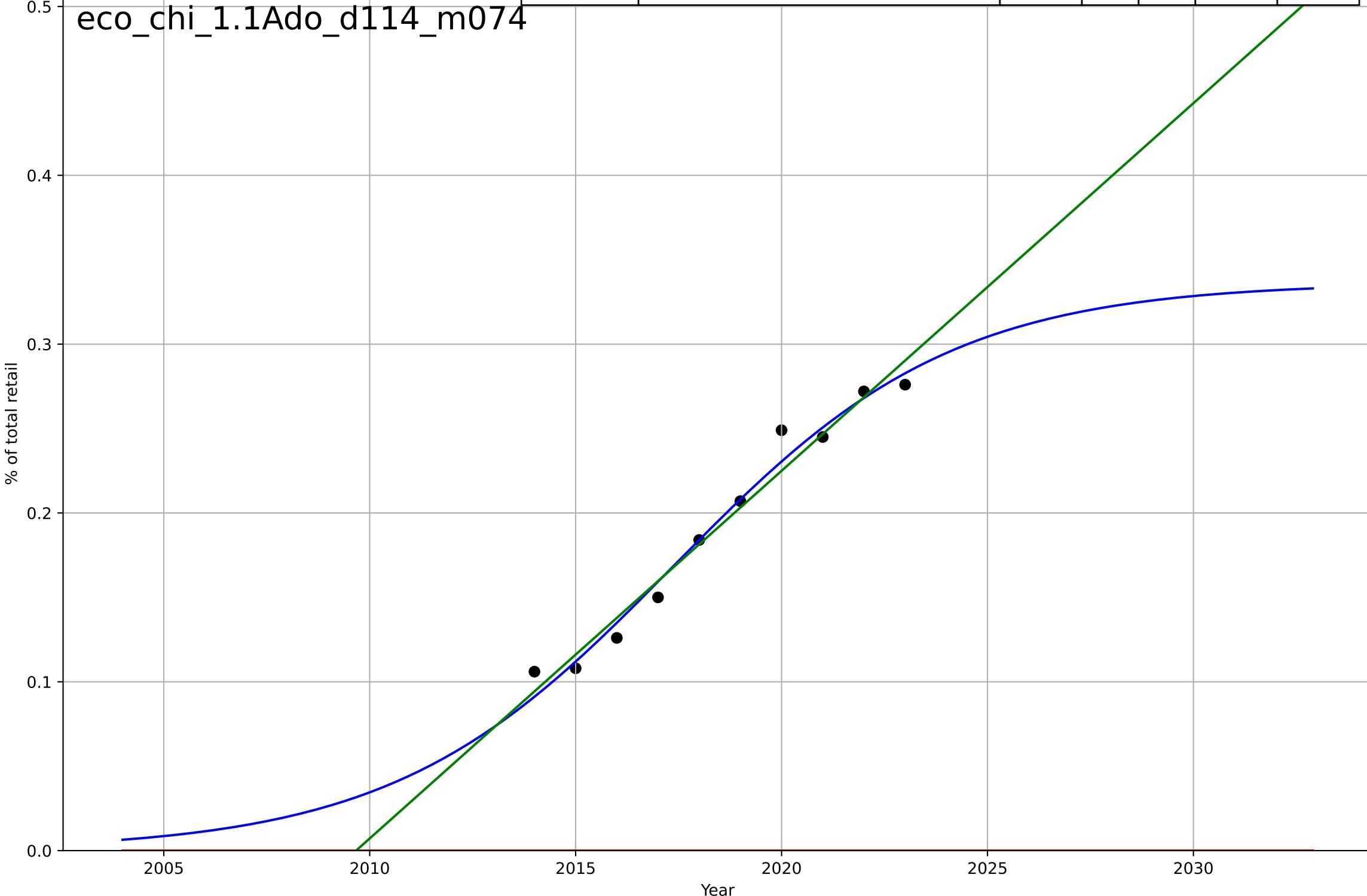
### 1.1 Adoption over time

Internet sales as a percentage of total retail sales

% of total retail

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=14.9, K=0.336$	0.295	0.979	0.969	0.00916	0.00729
Exponential	$1.55e+03 \cdot \exp(0.00302 \cdot (x - 157546))$	0.00302	-9.16	-12.1	0.203	0.192
Linear	intercept=-43.8, slope=0.0218	0.0218	0.969	0.96	0.0112	0.00912

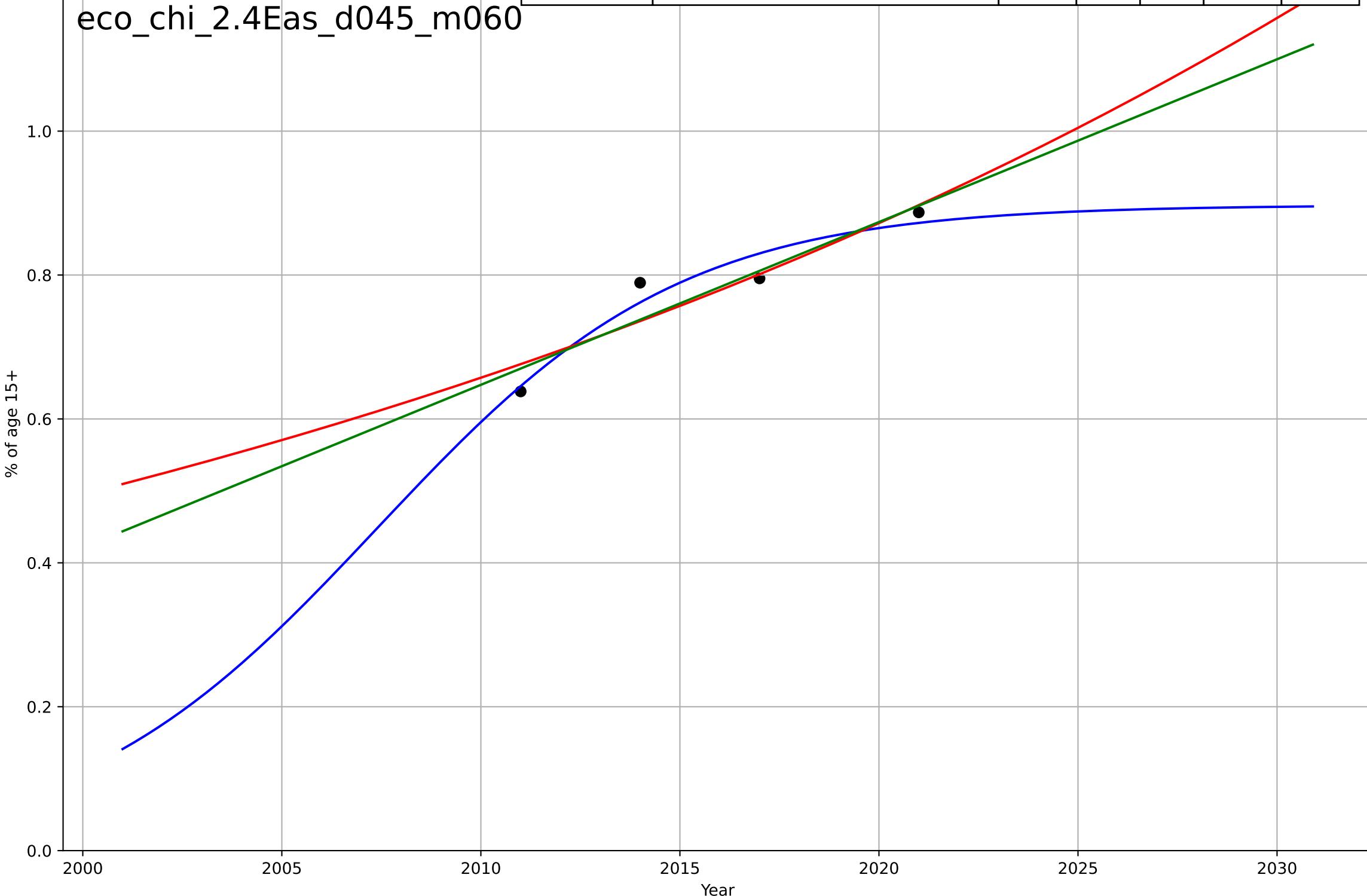
eco\_chi\_1.1Ado\_d114\_m074



e-commerce  
China  
2.4 Ease of Use  
Account in financial institution  
% of age 15+

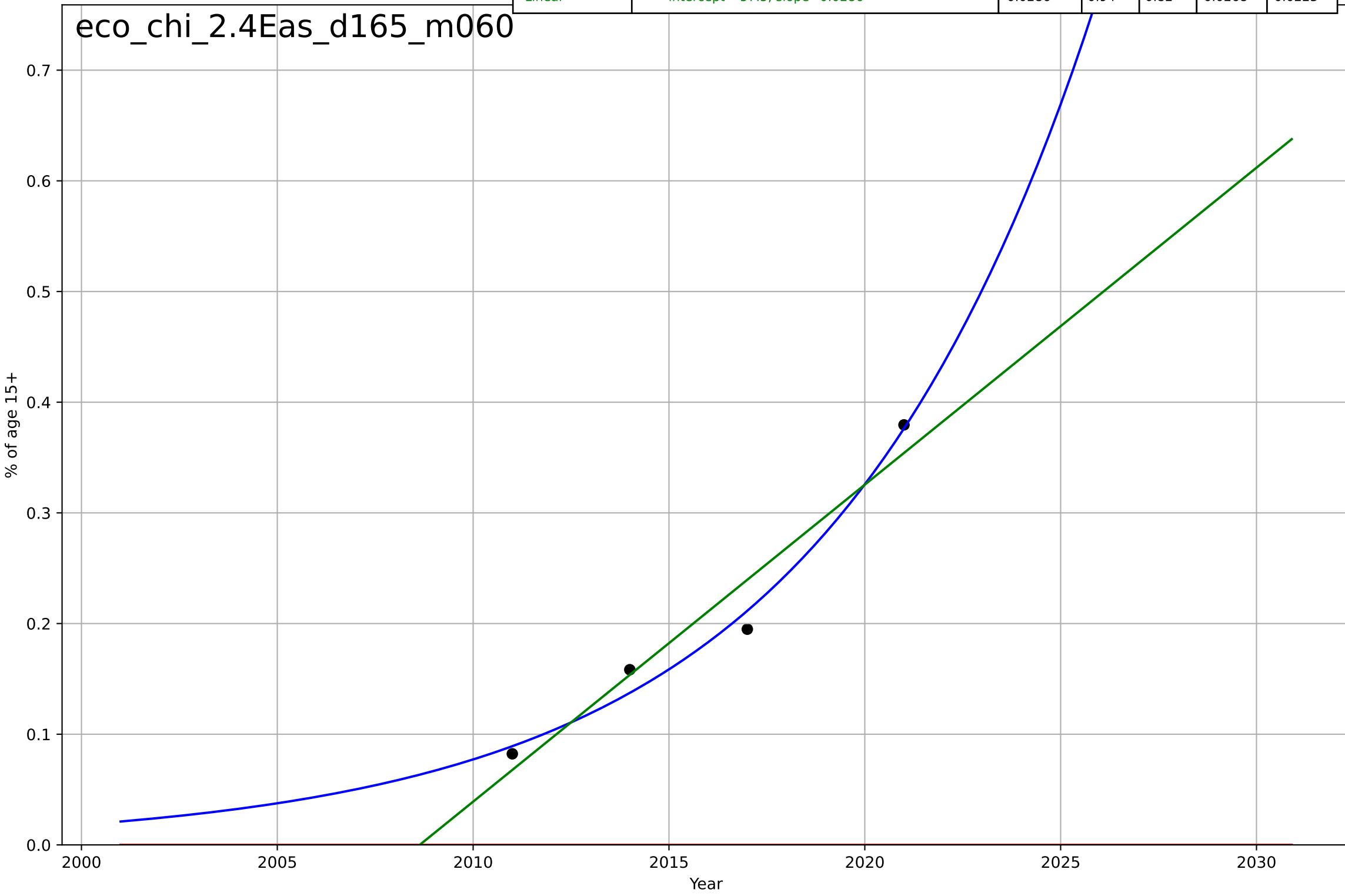
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2007, Dt=16.8, K=0.897	0.262	0.93	-inf	0.0236	0.021
Exponential	1.44*exp(0.0283*(x-2038))	0.0283	0.861	0.584	0.0332	0.0268
Linear	intercept=-44.8, slope=0.0226	0.0226	0.879	0.638	0.031	0.0257

eco\_chi\_2.4Eas\_d045\_m060



e-commerce  
China  
2.4 Ease of Use  
Owns a credit card  
% of age 15+

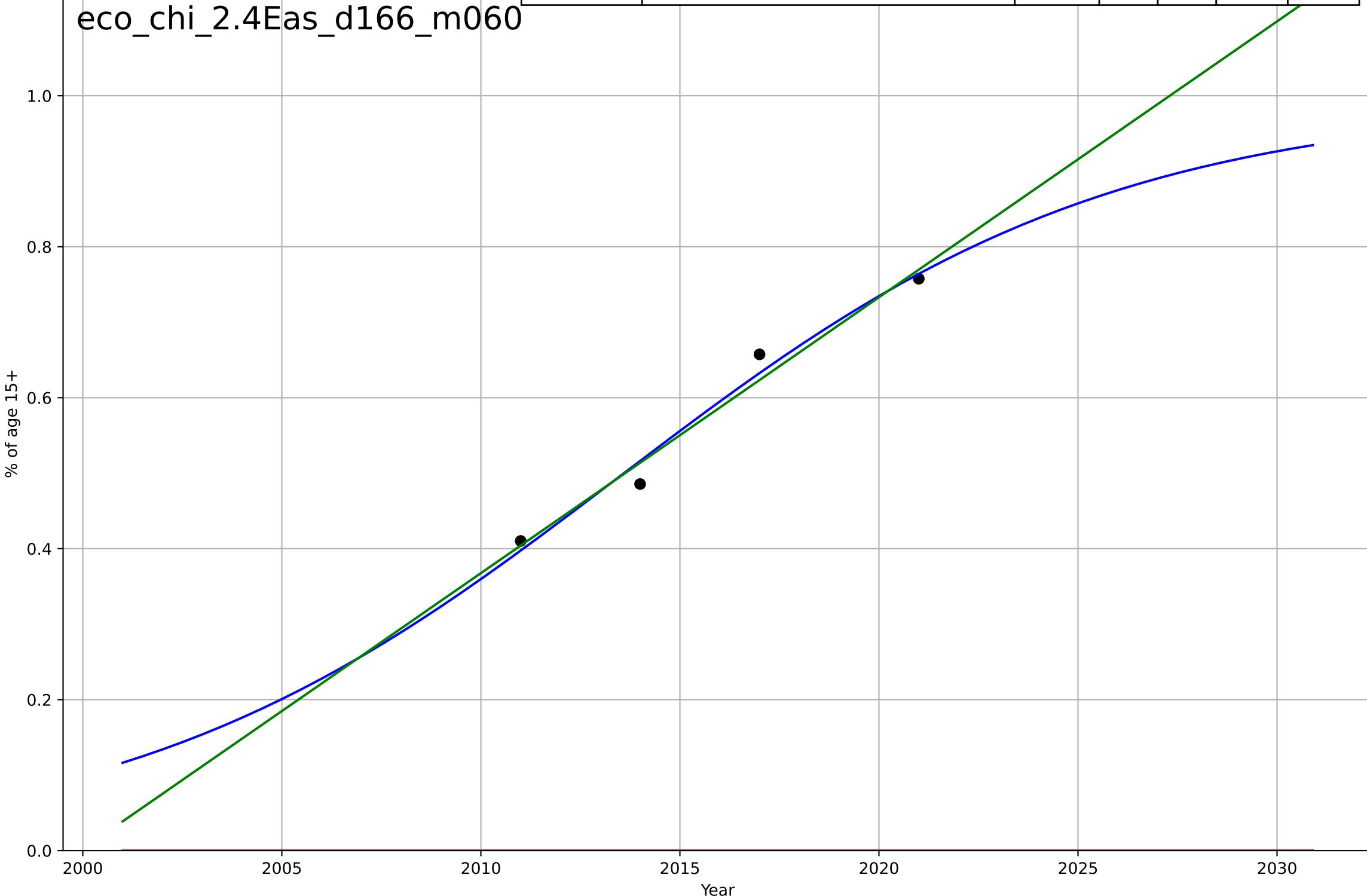
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2100, D_t=30.5, K=3.22e+04$	0.144	0.984	-inf	0.0139	0.0119
Exponential	$1.55e+03 \cdot \exp(0.00366 \cdot (x-157558))$	0.00366	-3.48	-12.4	0.231	0.204
Linear	intercept=-57.5, slope=0.0286	0.0286	0.94	0.82	0.0268	0.0223



e-commerce  
China  
2.4 Ease of Use  
Owns a debit card  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=27.2, K=0.99	0.162	0.977	-inf	0.021	0.0187
Exponential	1.55e+03*exp(0.00437*(x-157563))	0.00437	-17.7	-55.2	0.594	0.578
Linear	intercept=-73.1, slope=0.0365	0.0365	0.972	0.915	0.0231	0.0201

eco\_chi\_2.4Eas\_d166\_m060



e-commerce

China

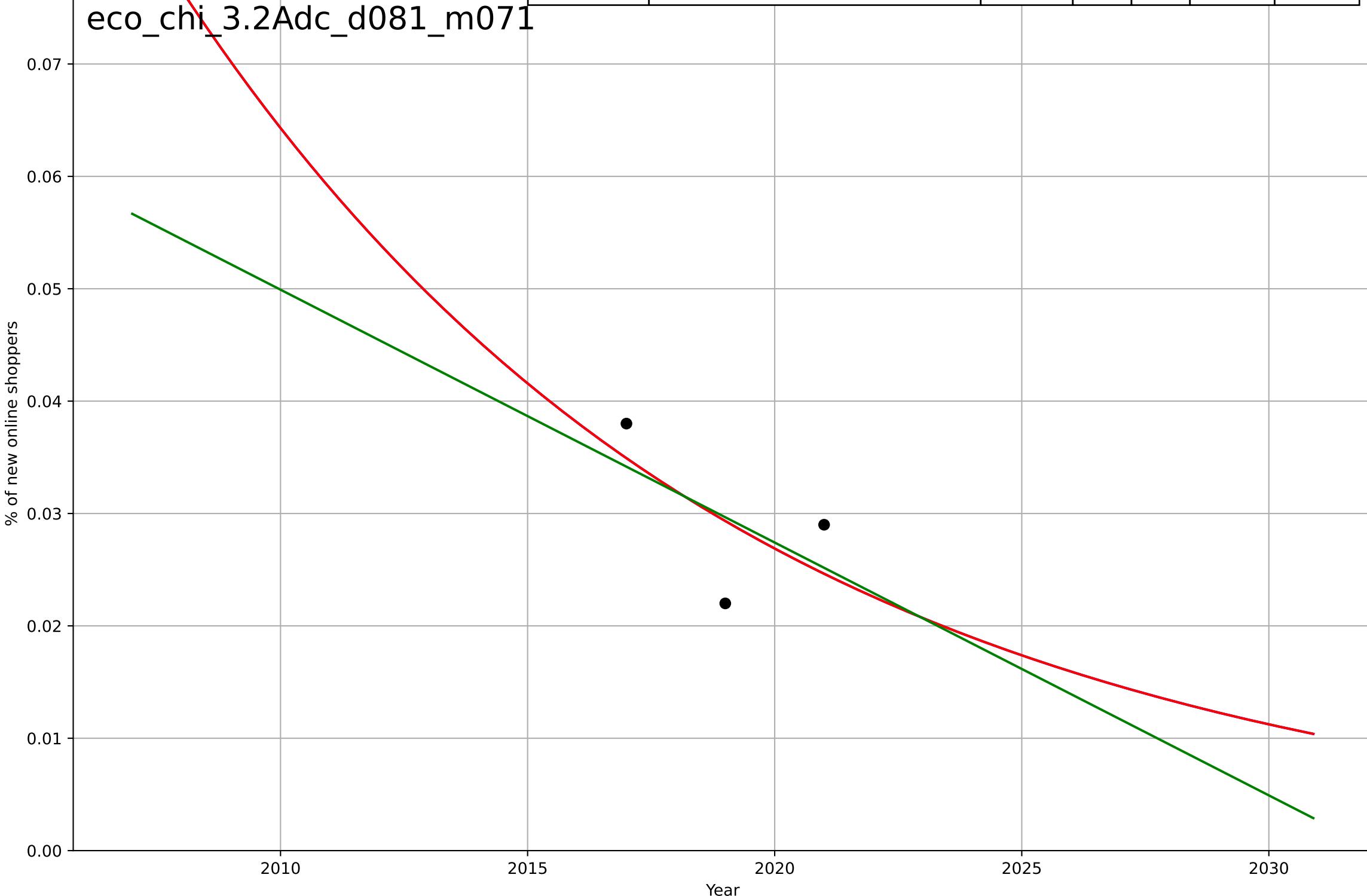
### 3.2 Adopter characteristics

Distribution of newly added e-commerce users

% of new online shoppers

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1922, D_t=-50.4, K=144$	-0.0872	0.361	2.28	0.00524	0.00492
Exponential	$1.88 \cdot \exp(-0.0872 \cdot (x-1971))$	-0.0872	0.361	-inf	0.00524	0.00492
Linear	intercept=4.57, slope=-0.00225	-0.00225	0.315	-inf	0.00542	0.00511

eco\_chi\_3.2Adc\_d081\_m071



e-commerce

China

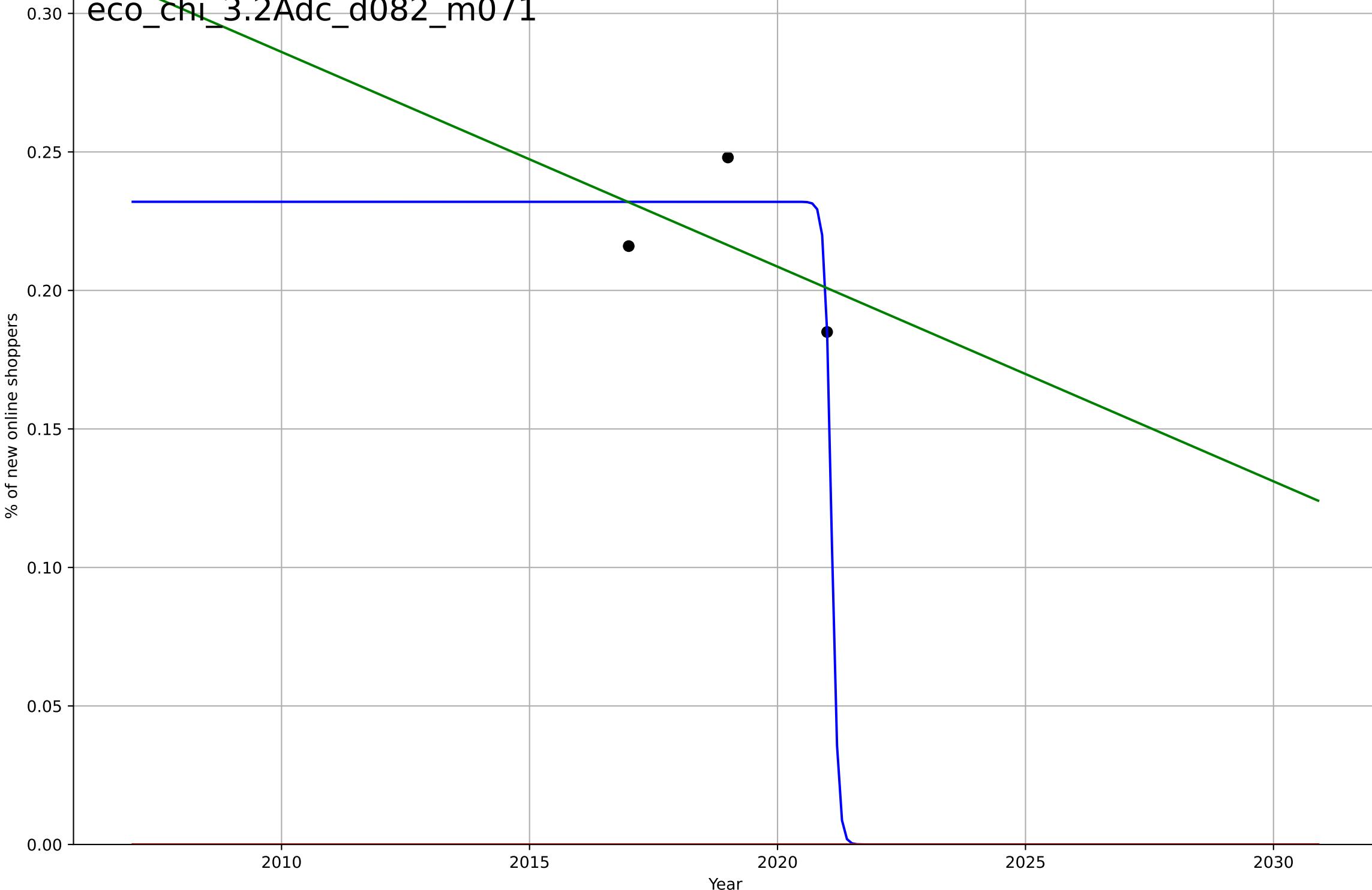
### 3.2 Adopter characteristics

Distribution of newly added e-commerce users

% of new online shoppers

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=-0.286, K=0.232	-15.4	0.742	1.52	0.0131	0.0107
Exponential	1.56e+03*exp(0.000255*(x-157451))	0.000255	-70.7	-inf	0.218	0.216
Linear	intercept=15.9, slope=-0.00775	-0.00775	0.242	-inf	0.0224	0.0211

eco\_chi\_3.2Adc\_d082\_m071



e-commerce

China

### 3.2 Adopter characteristics

Distribution of newly added e-commerce users

% of new online shoppers

eco\_chi\_3.2Adc\_d083\_m071

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1939, Dt=-26.8, K=1.45e+05$	-0.164	0.999	1	0.00208	0.00195
Exponential	$-1.54e+03 \cdot \exp(-0.00379 \cdot (x - 152767))$	-0.00379	-14.4	-inf	0.329	0.318
Linear	intercept=103, slope=-0.051	-0.051	0.986	-inf	0.0099	0.00933

% of new online shoppers

2010

2015

2020

2025

2030

Year

e-commerce

China

### 3.2 Adopter characteristics

Distribution of newly added e-commerce users

% of new online shoppers

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2032, Dt=27.4, K=3.75	0.16	1	1	4.8e-14	4.76e-14
Exponential	5.71*exp(0.142*(x-2037))	0.142	1	-inf	0.00101	0.00095
Linear	intercept=-123, slope=0.061	0.061	0.995	-inf	0.00707	0.00667

eco\_chi\_3.2Adc\_d084\_m071

% of new online shoppers

2010

2015

2020

2025

2030

Year

e-commerce

China

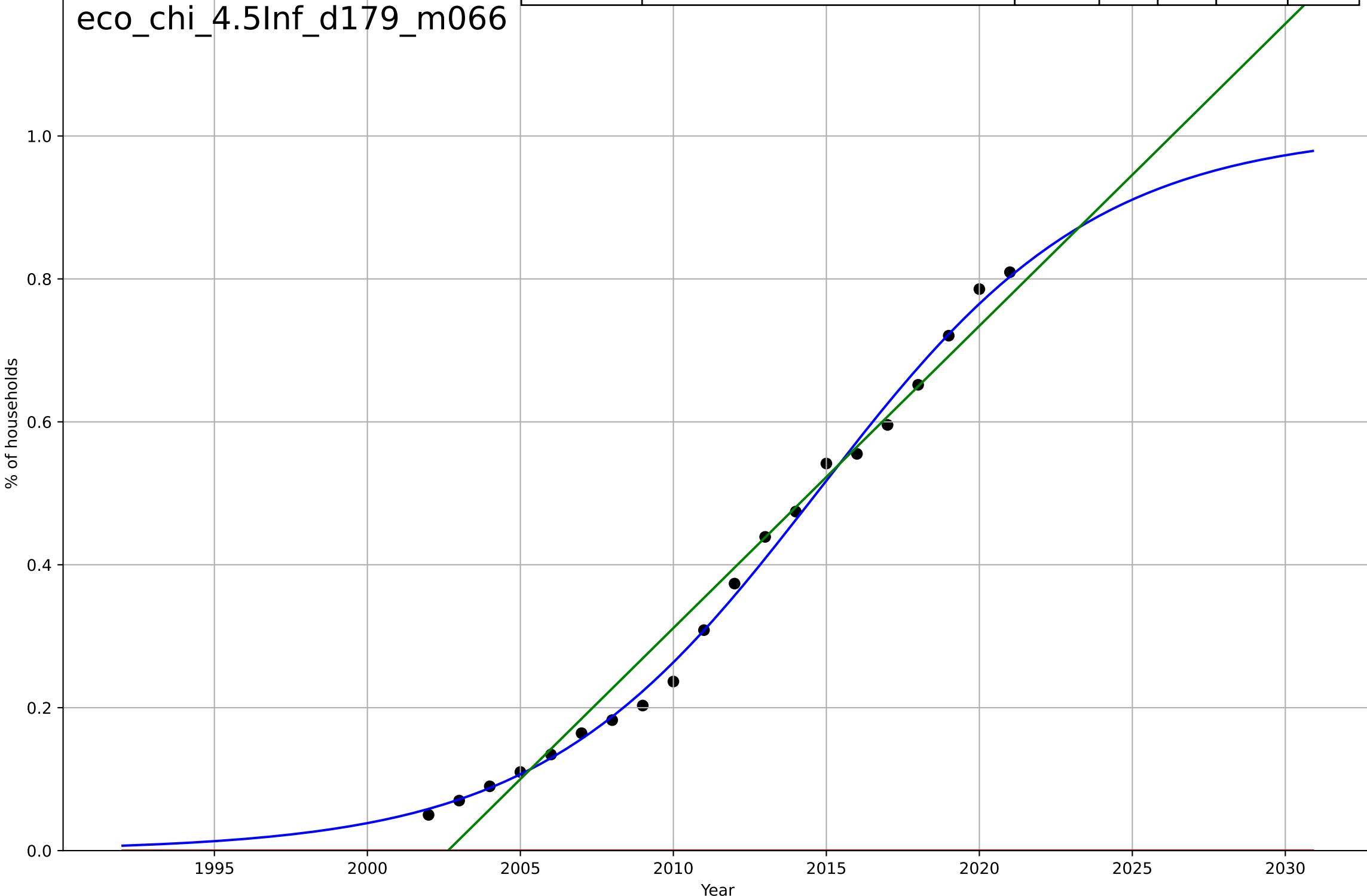
4.5 Infrastructure dependence

Proportion of households with Internet access e

% of households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2015, Dt=20.1, K=1.01	0.219	0.996	0.995	0.0165	0.0132
Exponential	1.55e+03*exp(0.00494*(x-157575))	0.00494	-2.31	-2.69	0.449	0.375
Linear	intercept=-84.7, slope=0.0423	0.0423	0.975	0.972	0.0388	0.0309

eco\_chi\_4.5Inf\_d179\_m066



e-commerce

Germany

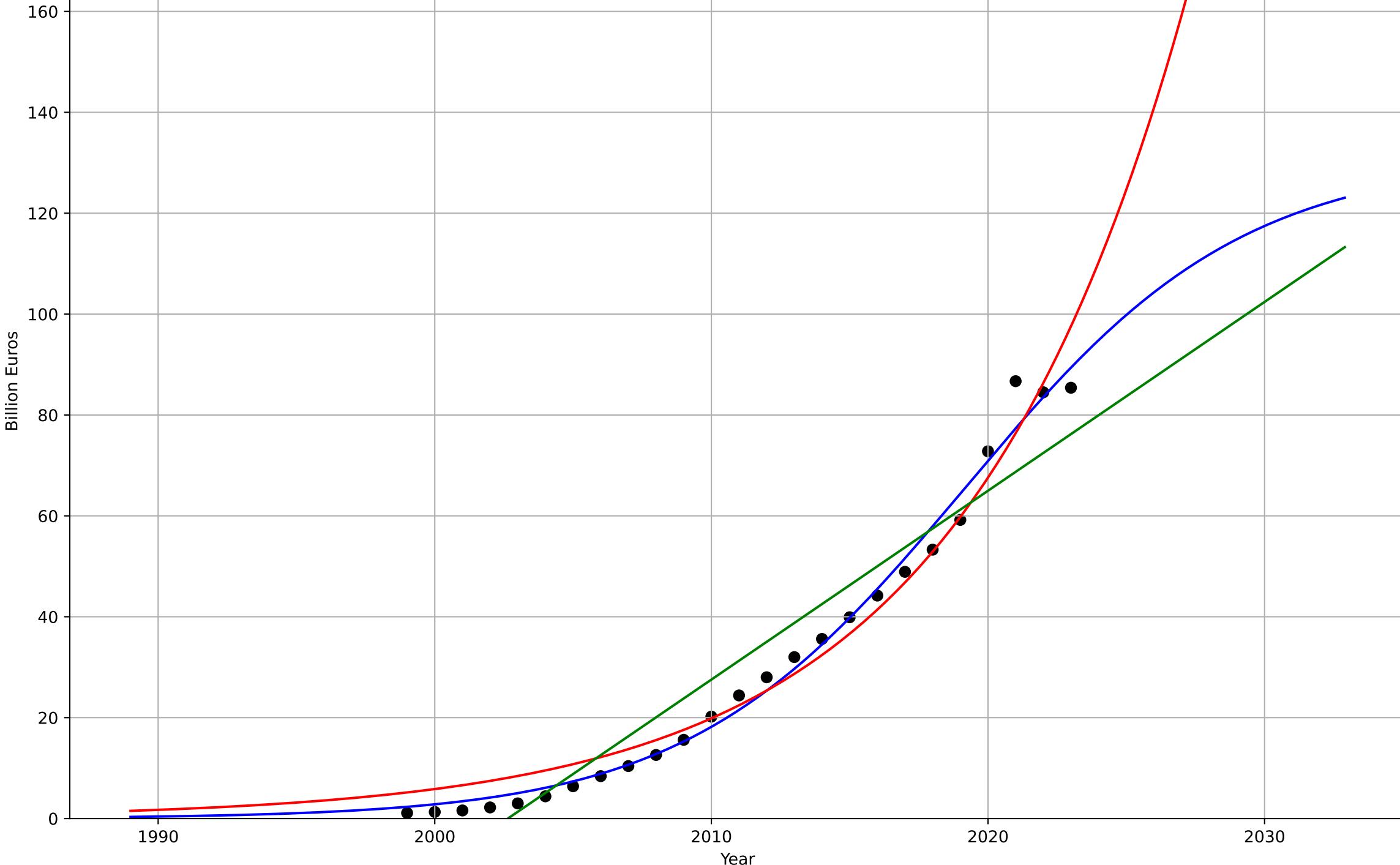
1.1 Adoption over time

Annual Internet retail (B2C) sales value

Billion Euros

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=22.1, K=131	0.199	0.989	0.988	2.9	2.14
Exponential	0.247*exp(0.122*(x-1974))	0.122	0.973	0.97	4.66	3.84
Linear	intercept=-7.5e+03, slope=3.74	3.74	0.92	0.913	7.96	6.96

eco\_ger\_1.1Ado\_d047\_m094



e-commerce

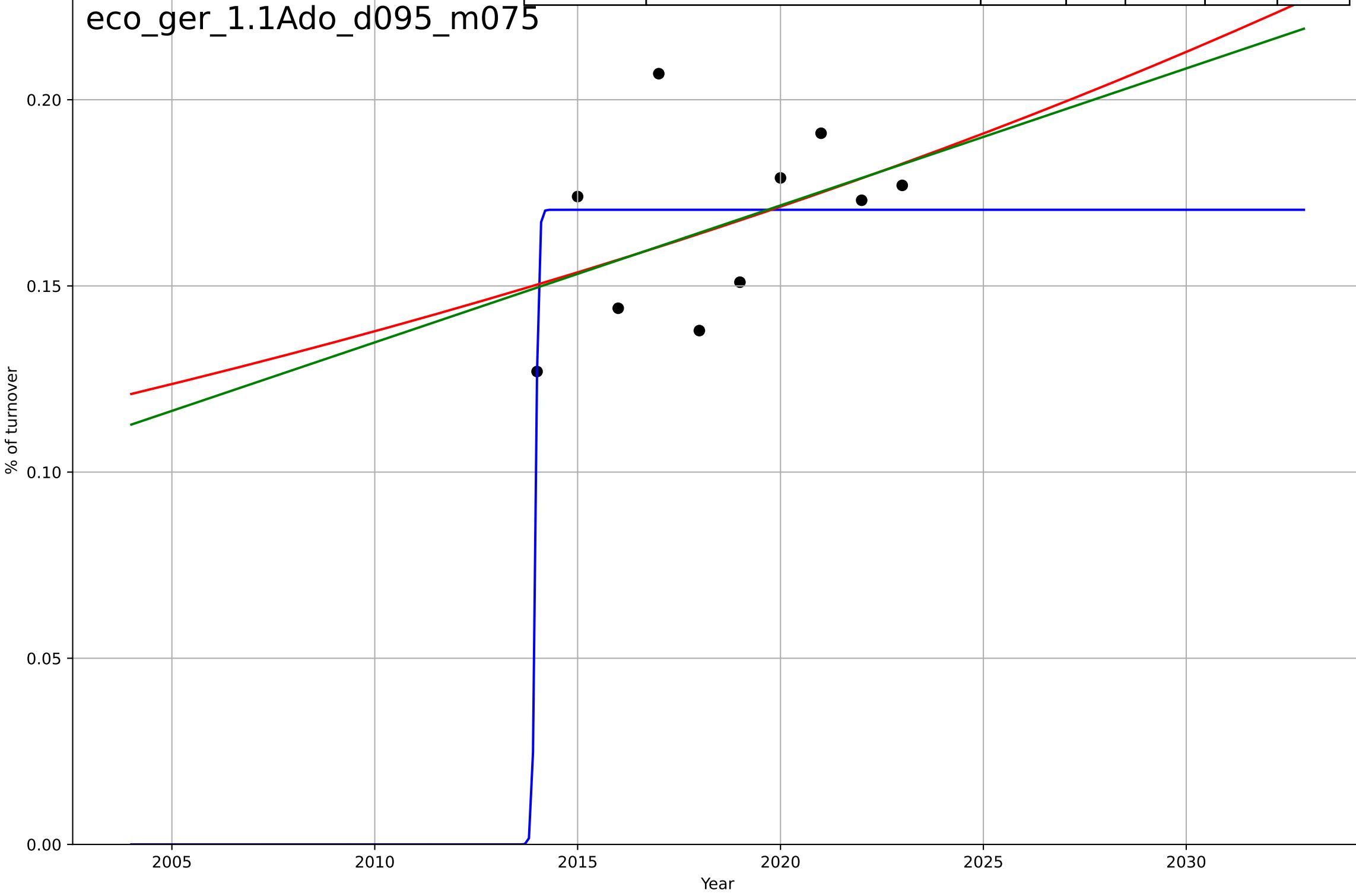
Germany

1.1 Adoption over time

Enterprises' total turnover from e-commerce sales  
% of turnover

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=0.154, K=0.17$	28.5	0.297	-0.0548	0.0201	0.0157
Exponential	$5.66 \cdot \exp(0.0217 \cdot (x-2181))$	0.0217	0.191	-0.0397	0.0215	0.0181
Linear	intercept=-7.26, slope=0.00368	0.00368	0.195	-0.0349	0.0215	0.0181

eco\_ger\_1.1Ado\_d095\_m075



e-commerce

Germany

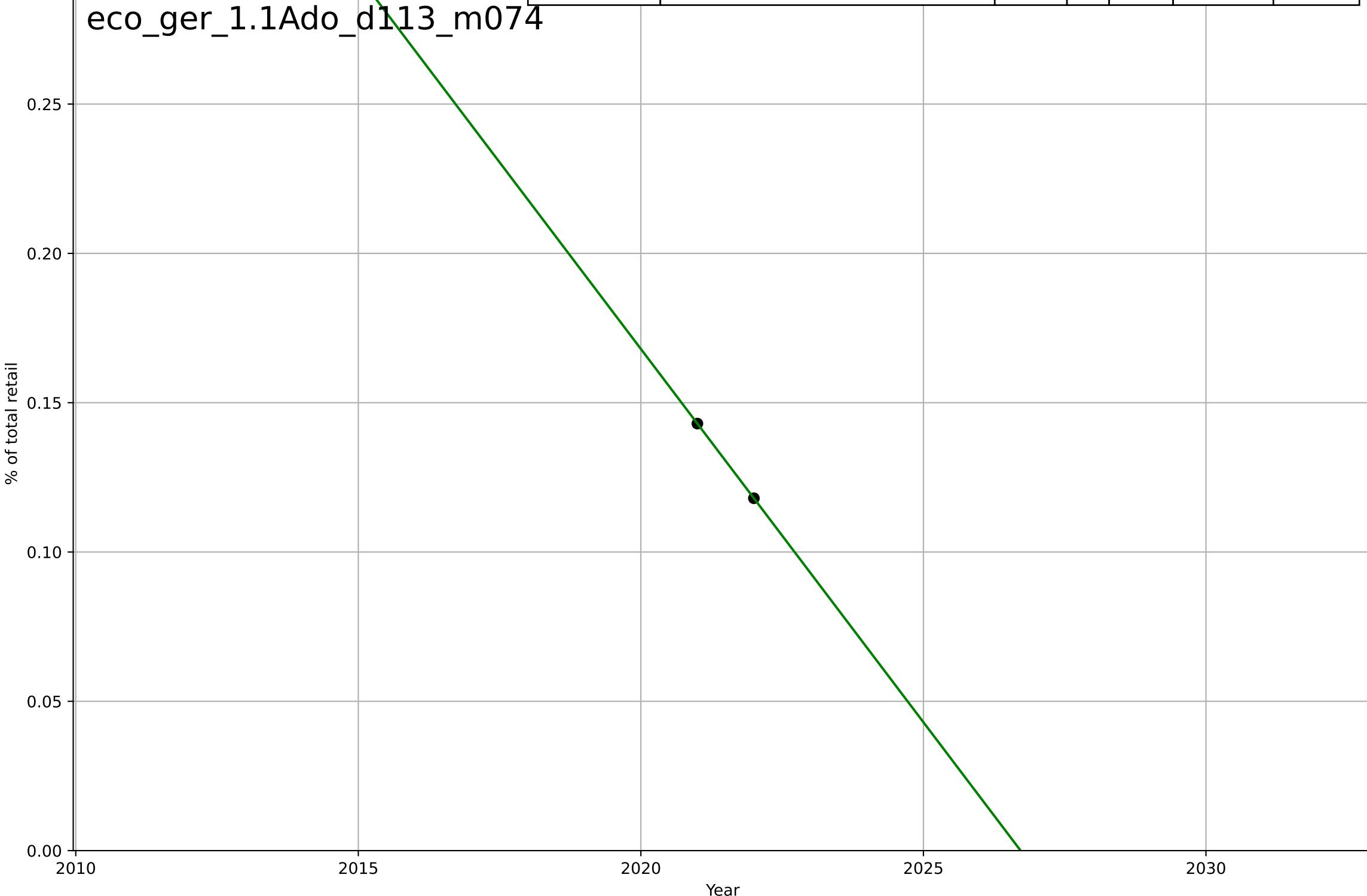
1.1 Adoption over time

Internet sales as a percentage of total retail (B2C)

% of total retail

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=50.7, slope=-0.025	-0.025	1	1	5.75e-15	5.7e-15

eco\_ger\_1.1Ado\_d113\_m074



e-commerce  
Germany

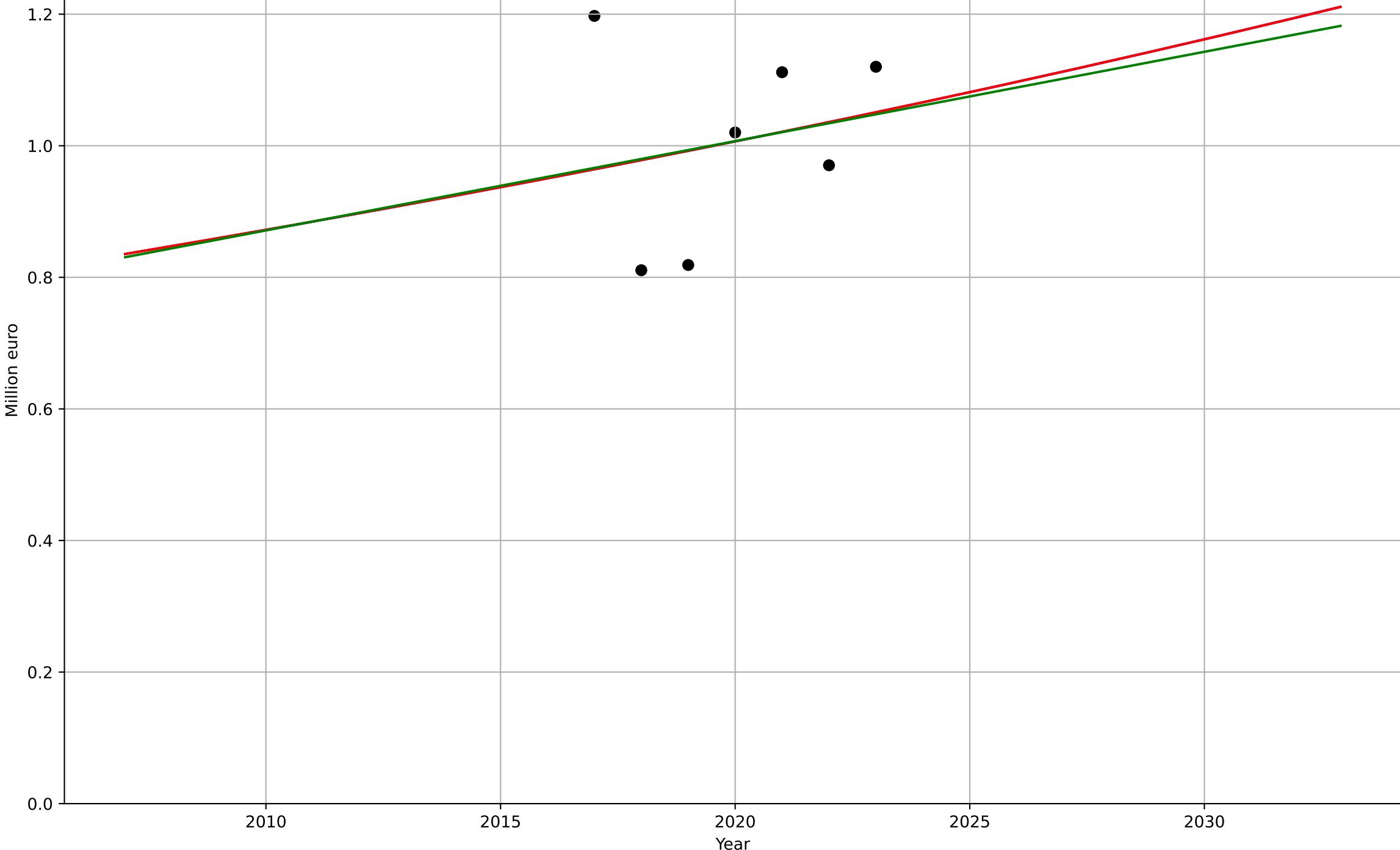
### 1.1 Adoption over time

Monetary value of e-commerce sales (all activities)  
Million euro

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2470, D_t=306, K=6.5e+08$	0.0144	0.0405	-0.919	1.36e+05	1.16e+05
Exponential	$84.7 \cdot \exp(0.0143 \cdot (x-1365))$	0.0143	0.0405	-0.439	1.36e+05	1.16e+05
Linear	intercept=-2.64e+07, slope=1.36e+04	1.36e+04	0.0381	-0.443	1.36e+05	1.16e+05

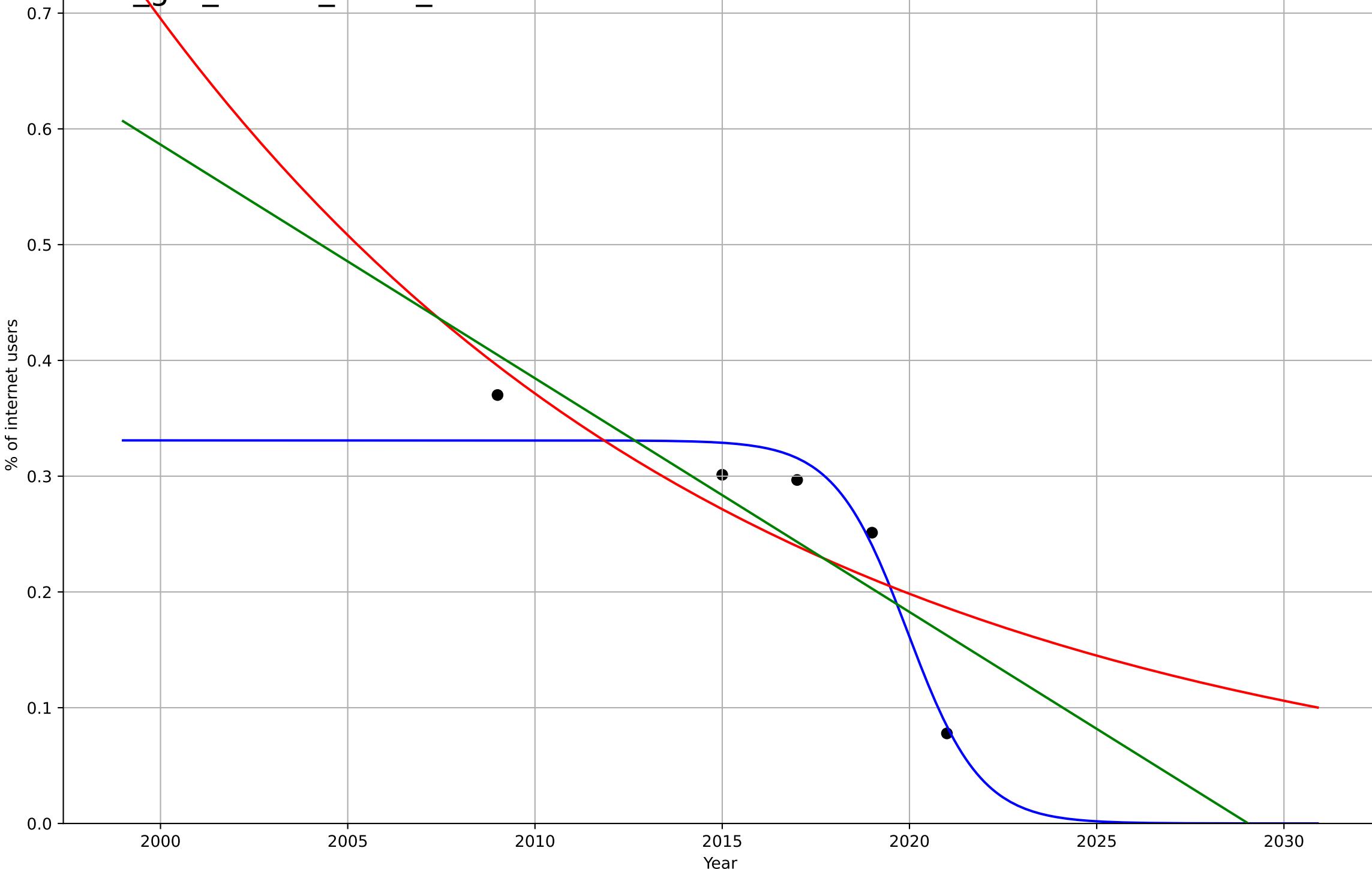
eco\_ger\_1.1Ado\_d123\_m108



e-commerce  
Germany  
2.3 Relative (dis)advantage  
Share of Internet users not buying online due to  
% of internet users

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=-4.28, K=0.331$	-1.03	0.942	0.767	0.0237	0.0206
Exponential	$0.379 \cdot \exp(-0.0627 \cdot (x-2010))$	-0.0627	0.625	0.249	0.0603	0.0522
Linear	intercept=41, slope=-0.0202	-0.0202	0.714	0.427	0.0527	0.0477

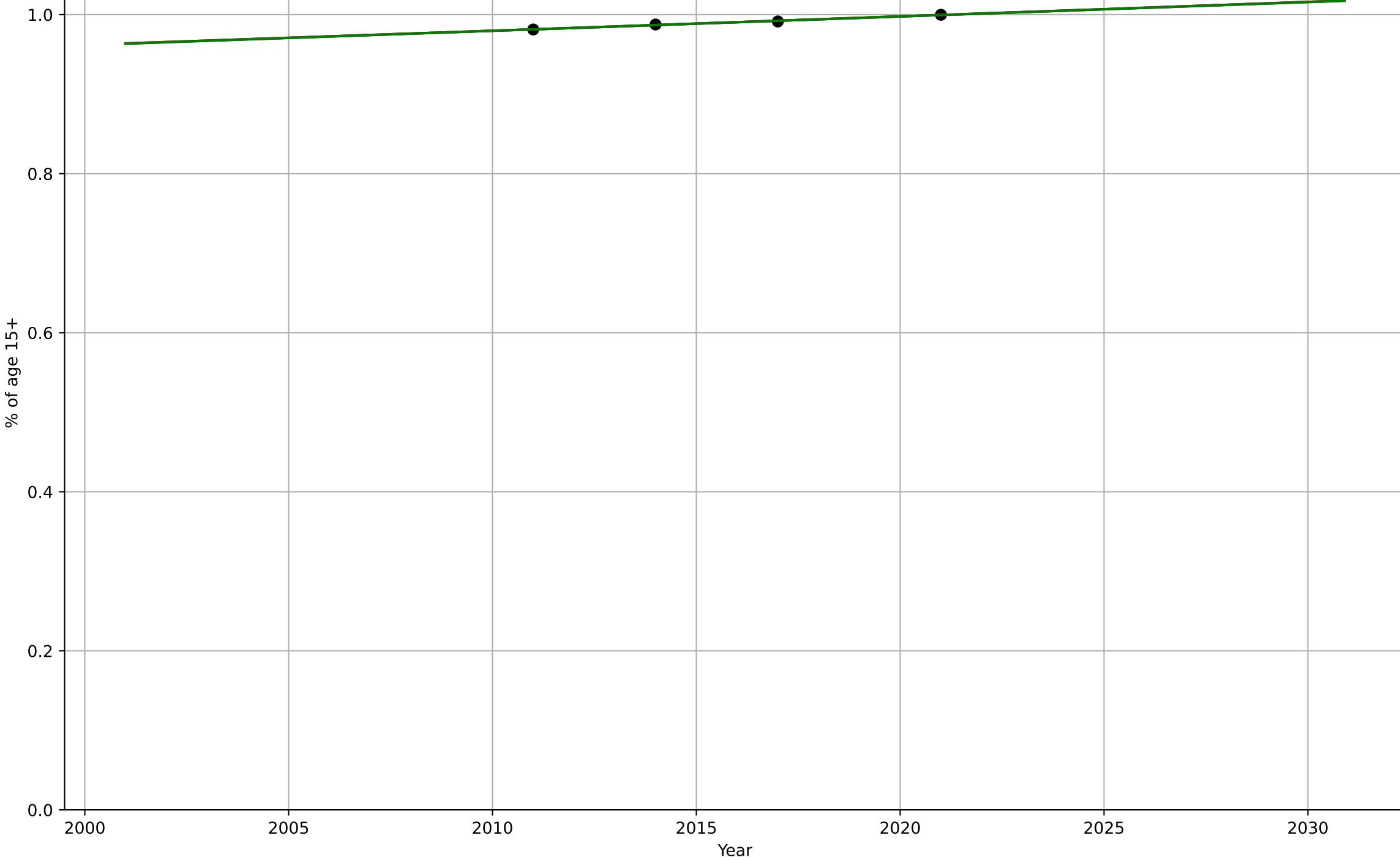
eco\_ger\_2.3Rel\_d184\_m068



e-commerce  
Germany  
2.4 Ease of Use  
Account in financial institution  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3799, Dt=2.33e+03, K=29.5	0.00188	0.992	-inf	0.000594	0.000518
Exponential	1.26*exp(0.00182*(x-2146))	0.00182	0.992	0.976	0.000594	0.000518
Linear	intercept=-2.64, slope=0.0018	0.0018	0.992	0.976	0.000597	0.000519

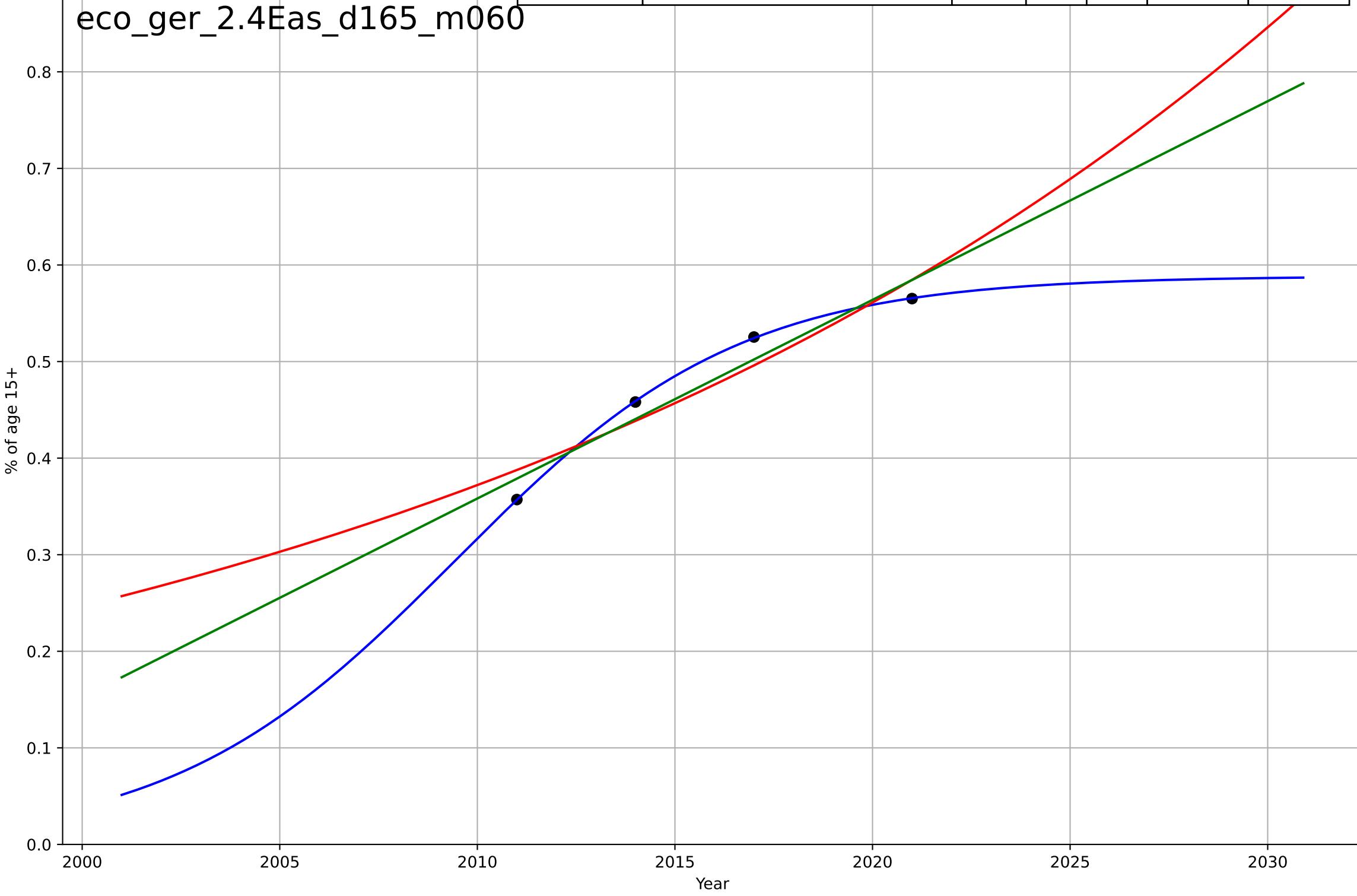
eco\_ger\_2.4Eas\_d045\_m060



e-commerce  
Germany  
2.4 Ease of Use  
Owns a credit card  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=15.8, K=0.588	0.278	1	-inf	0.000787	0.000709
Exponential	0.918*exp(0.0411*(x-2032))	0.0411	0.897	0.691	0.0253	0.0247
Linear	intercept=-41, slope=0.0206	0.0206	0.932	0.796	0.0206	0.0204

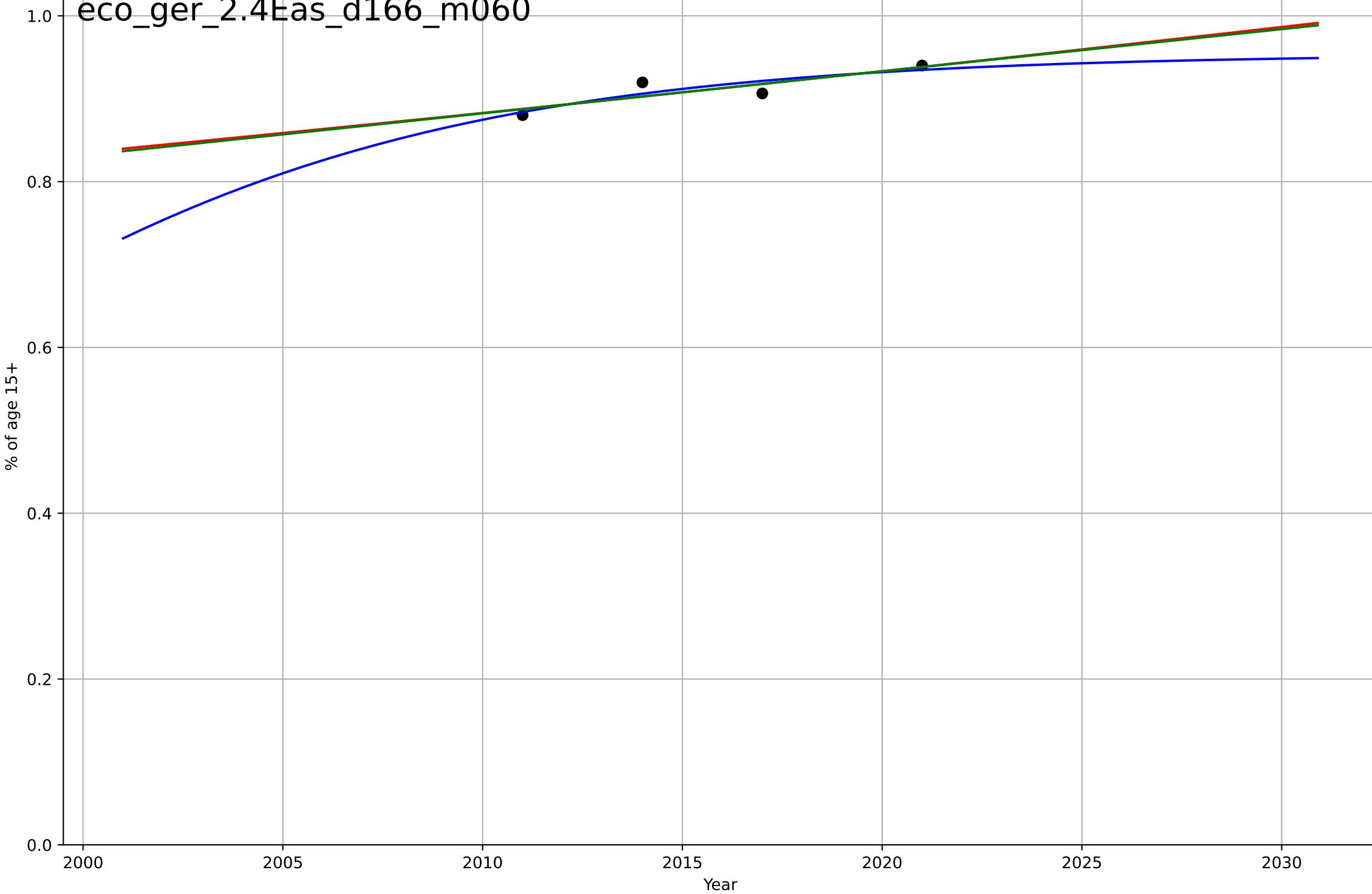
eco\_ger\_2.4Eas\_d165\_m060



e-commerce  
Germany  
2.4 Ease of Use  
Owns a debit card  
% of age 15+

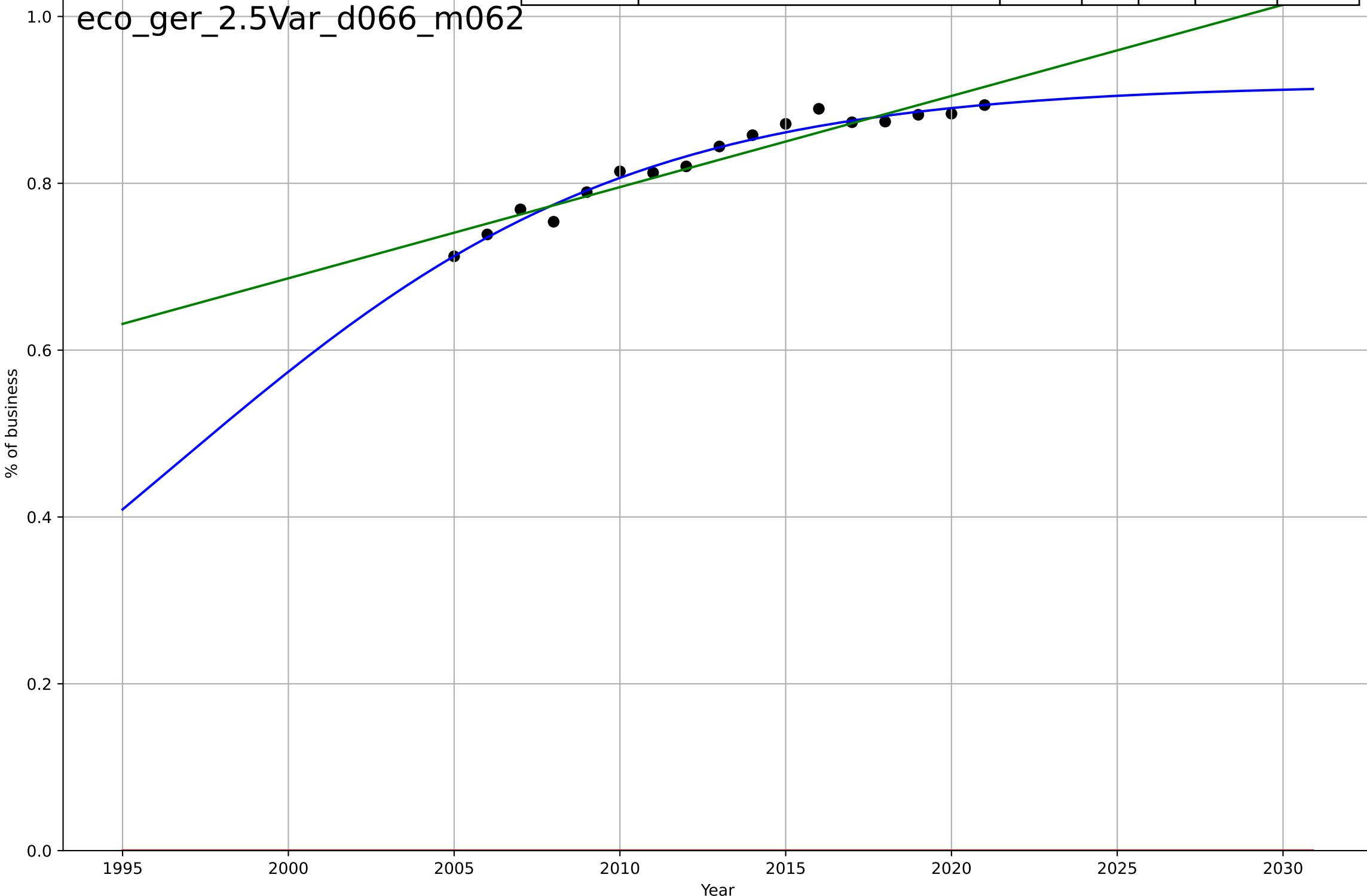
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1992, Dt=32.7, K=0.954	0.134	0.759	-inf	0.0107	0.00943
Exponential	3.63*exp(0.00555*(x-2265))	0.00555	0.746	0.238	0.011	0.00942
Linear	intercept=-9.33, slope=0.00508	0.00508	0.747	0.241	0.0109	0.00941

eco\_ger\_2.4Eas\_d166\_m060



e-commerce  
Germany  
2.5 Variety (Choice Availability)  
Businesses with a web presence  
% of business

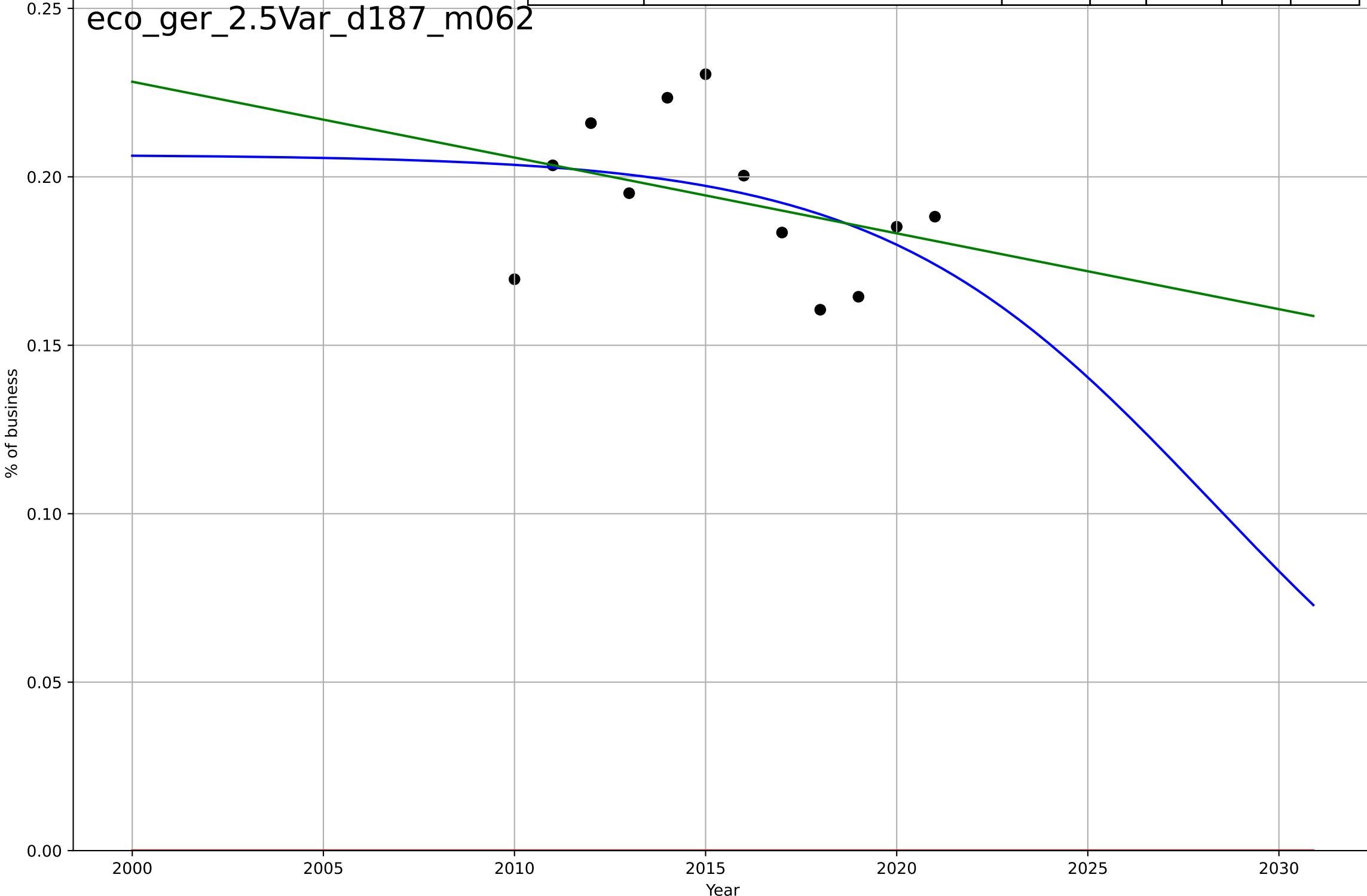
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=30.1, K=0.919$	0.146	0.971	0.965	0.00951	0.00723
Exponential	$1.56e+03 \cdot \exp(0.00195 \cdot (x-157465))$	0.00195	-218	-249	0.83	0.828
Linear	intercept=-21.2, slope=0.0109	0.0109	0.91	0.897	0.0168	0.0147



e-commerce  
Germany  
2.5 Variety (Choice Availability)  
Share of businesses receiving orders through th  
% of business

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2028, Dt=-19.1, K=0.207	-0.231	0.177	-0.132	0.0196	0.0162
Exponential	1.56e+03*exp(0.00077*(x-157463))	0.00077	-79.9	-97.8	0.195	0.193
Linear	intercept=4.73, slope=-0.00225	-0.00225	0.129	-0.0647	0.0202	0.0158

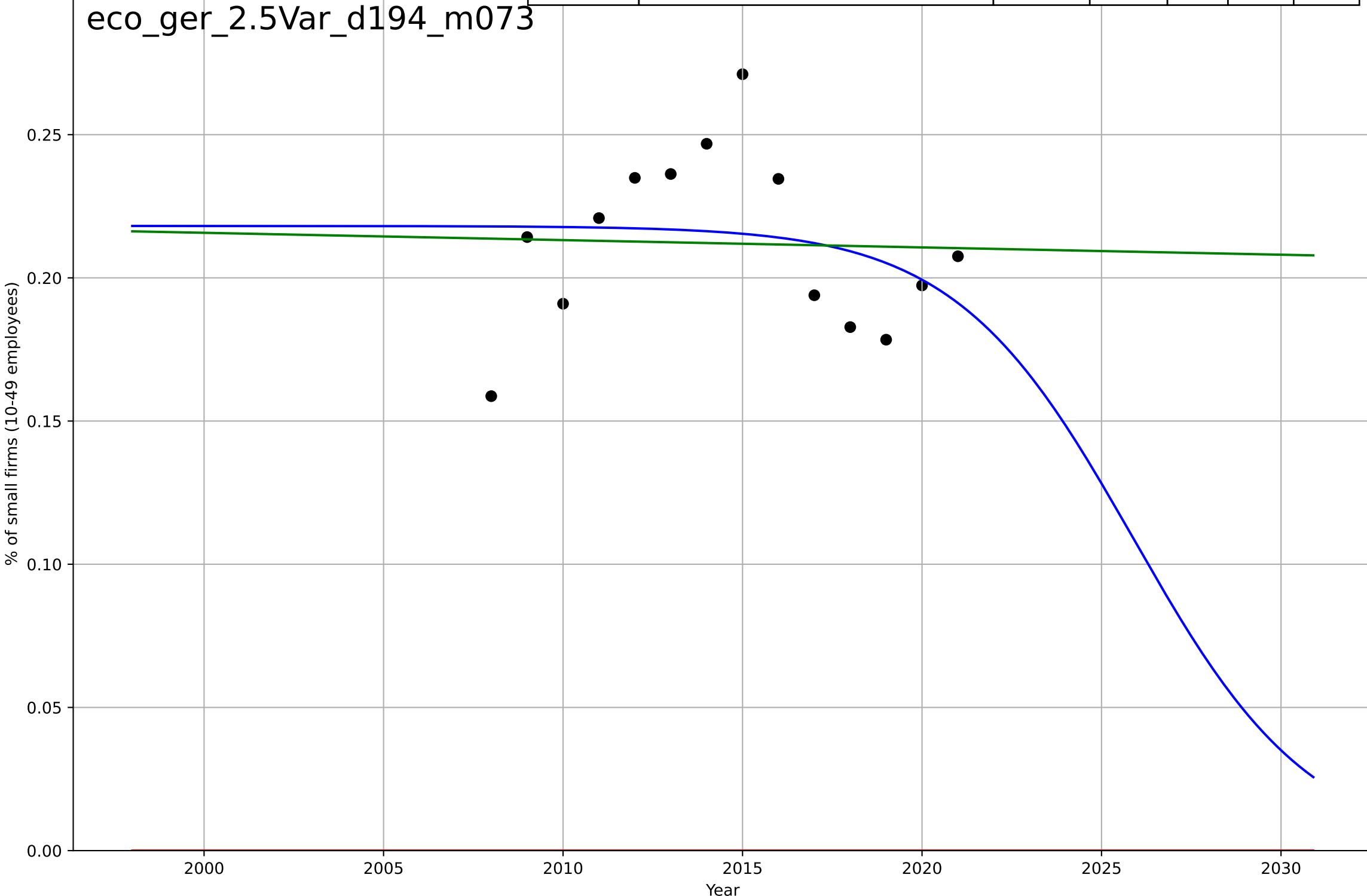
eco\_ger\_2.5Var\_d187\_m062



e-commerce  
Germany  
2.5 Variety (Choice Availability)  
Small firms selling online  
% of small firms (10-49 employees)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2026, Dt=-10.9, K=0.218	-0.402	0.0673	-0.213	0.0286	0.0233
Exponential	1.56e+03*exp(0.000955*(x-157466))	0.000955	-51.4	-61	0.214	0.212
Linear	intercept=0.726, slope=-0.000255	-0.000255	0.00121	-0.18	0.0295	0.0245

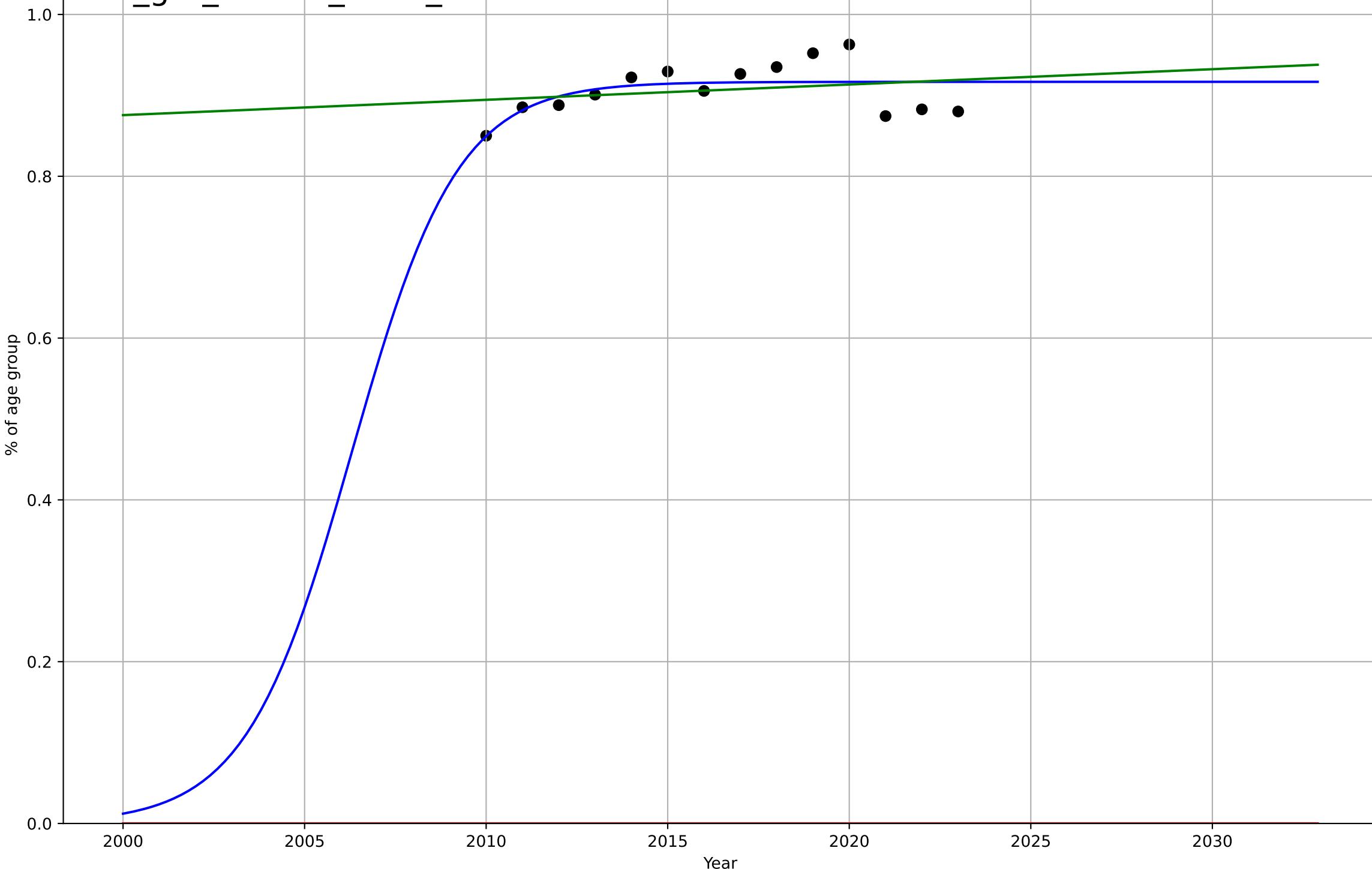
eco\_ger\_2.5Var\_d194\_m073



e-commerce  
Germany  
3.2 Adopter characteristics  
% of individuals who made purchases online (age group)  
% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2006, D_t=6.42, K=0.917$	0.685	0.355	0.161	0.025	0.02
Exponential	$1.56e+03 \cdot \exp(0.00109 \cdot (x-157442))$	0.00109	-850	-1e+03	0.907	0.907
Linear	intercept=-2.91, slope=0.00189	0.00189	0.0601	-0.111	0.0302	0.0258

eco\_ger\_3.2Adc\_d015\_m061

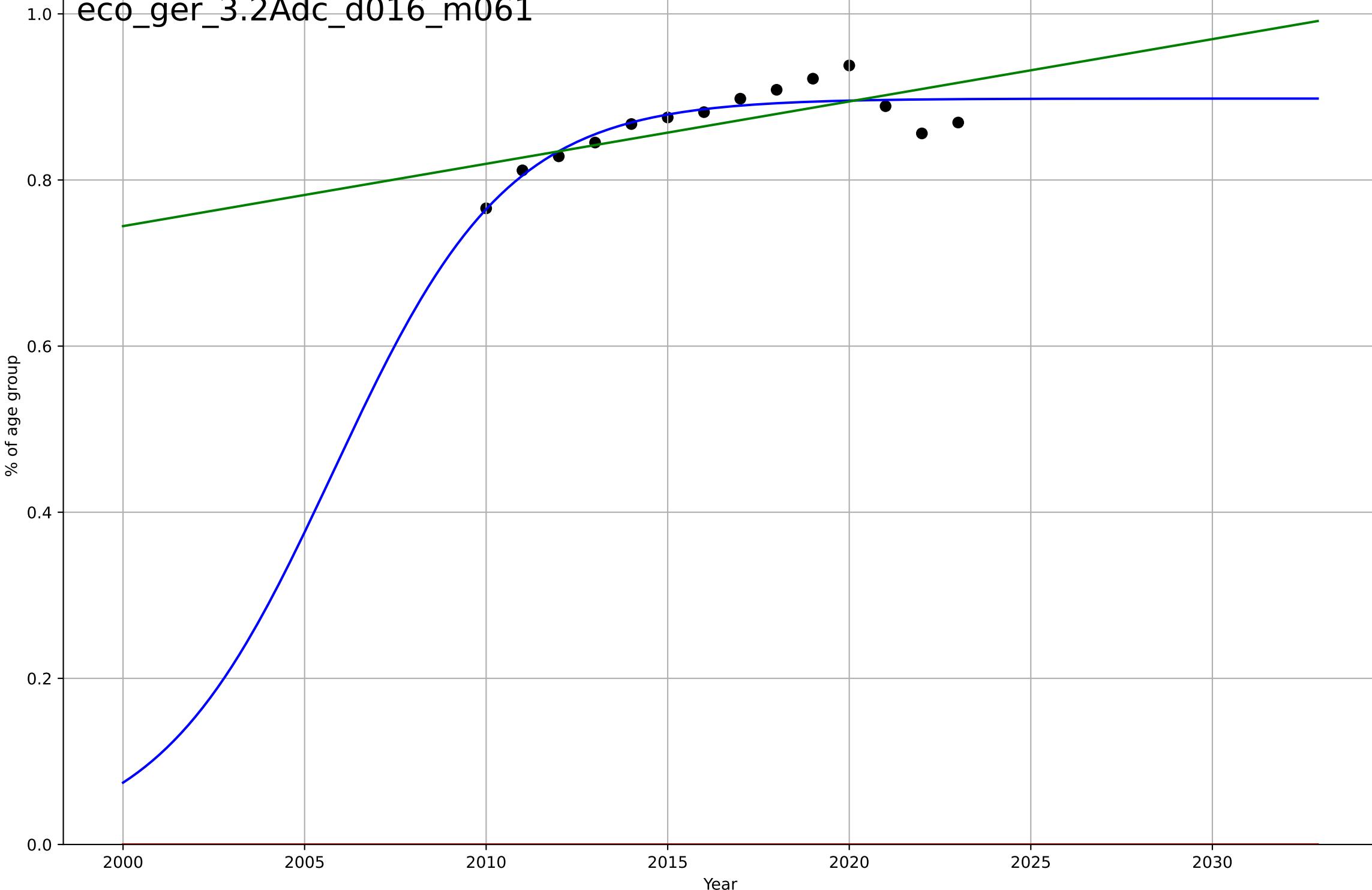


e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (age group)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2006, Dt=10.6, K=0.898	0.415	0.791	0.728	0.02	0.0145
Exponential	1.56e+03*exp(0.00162*(x-157461))	0.00162	-393	-465	0.869	0.868
Linear	intercept=-14.3, slope=0.0075	0.0075	0.477	0.382	0.0317	0.0271

eco\_ger\_3.2Adc\_d016\_m061

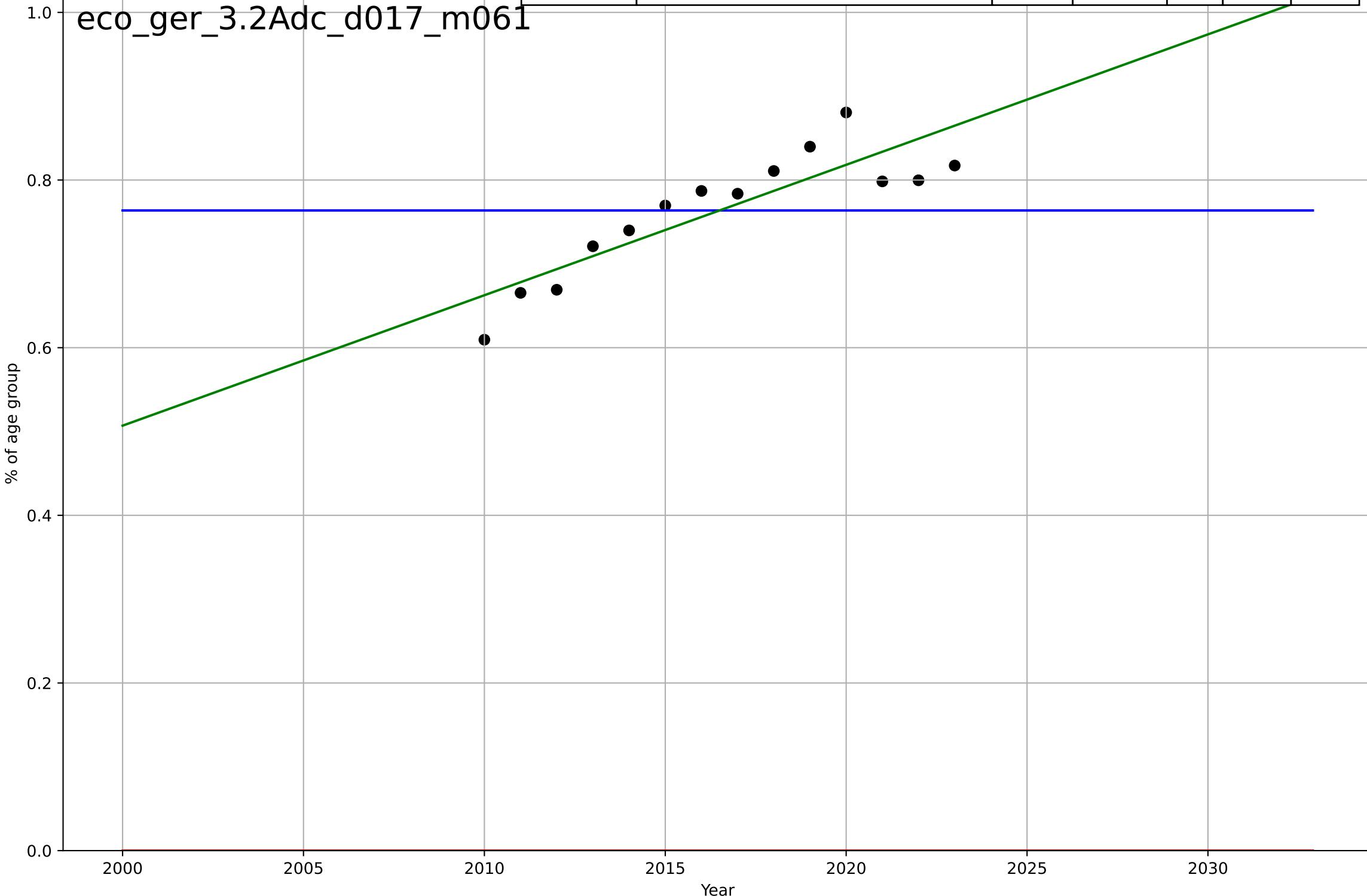


e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (age group)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2371, D_t=-44.4, K=0.764$	-0.099	-1.84e-14	-0.3	0.0721	0.0591
Exponential	$1.56e+03 \cdot \exp(0.00238 \cdot (x - 157492))$	0.00238	-112	-133	0.767	0.764
Linear	intercept=-30.6, slope=0.0156	0.0156	0.756	0.712	0.0356	0.0318

eco\_ger\_3.2Adc\_d017\_m061



e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (age group)  
% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=20, K=0.758	0.219	0.972	0.964	0.0168	0.0109
Exponential	1.55e+03*exp(0.0032*(x-157526))	0.0032	-35.5	-42.1	0.611	0.603
Linear	intercept=-48.1, slope=0.0241	0.0241	0.925	0.911	0.0277	0.0232

eco\_ger\_3.2Adc\_d018\_m061

% of age group

2000

2005

2010

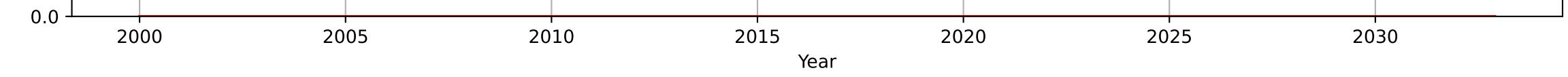
2015

2020

2025

2030

Year



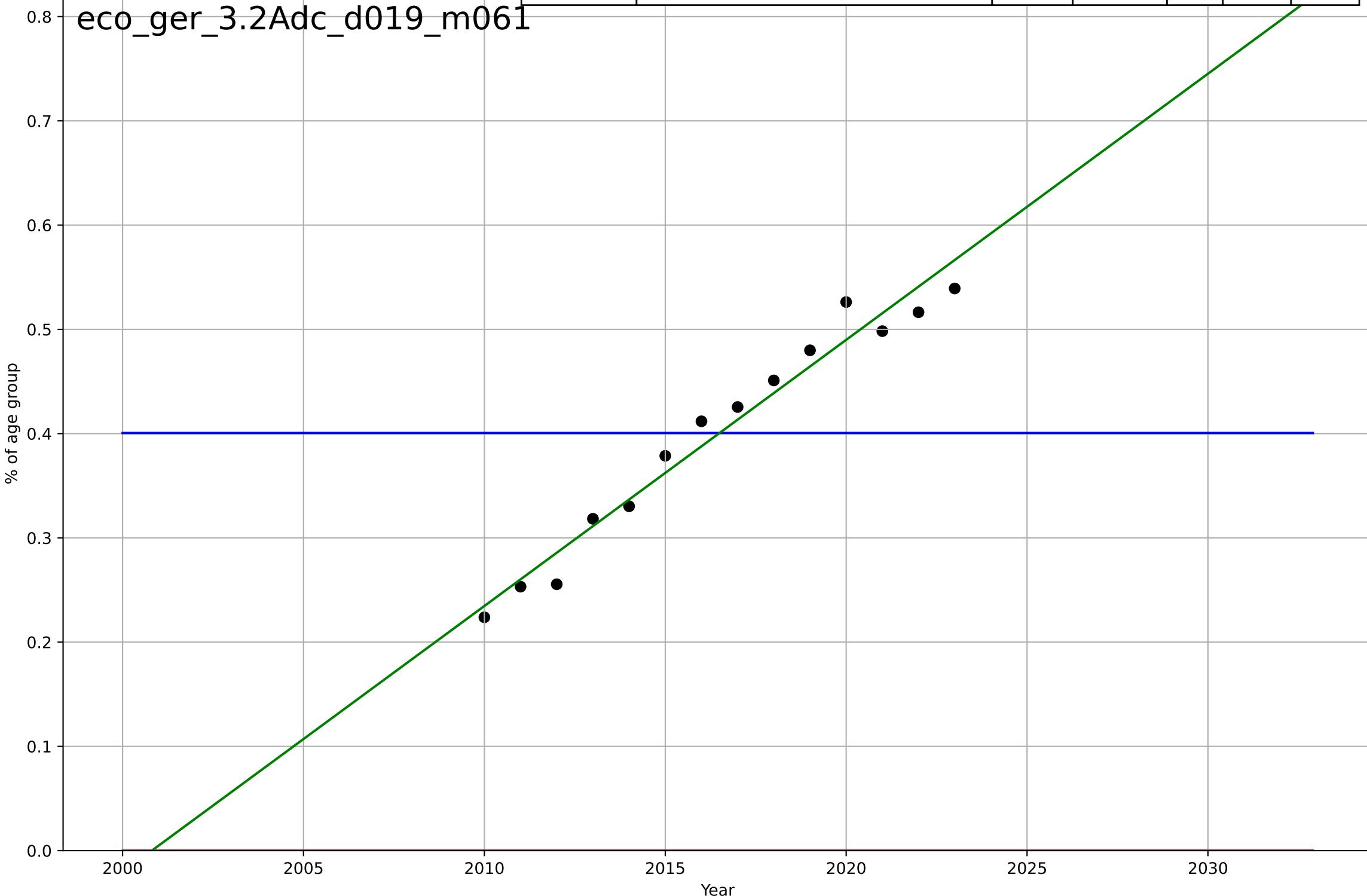
e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (age group)

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2210, Dt=-29.4, K=0.401	-0.15	-2.44e-10	-0.3	0.105	0.092
Exponential	1.55e+03*exp(0.00335*(x-157541))	0.00335	-14.6	-17.4	0.414	0.401
Linear	intercept=-51.1, slope=0.0255	0.0255	0.964	0.958	0.0198	0.0176

eco\_ger\_3.2Adc\_d019\_m061

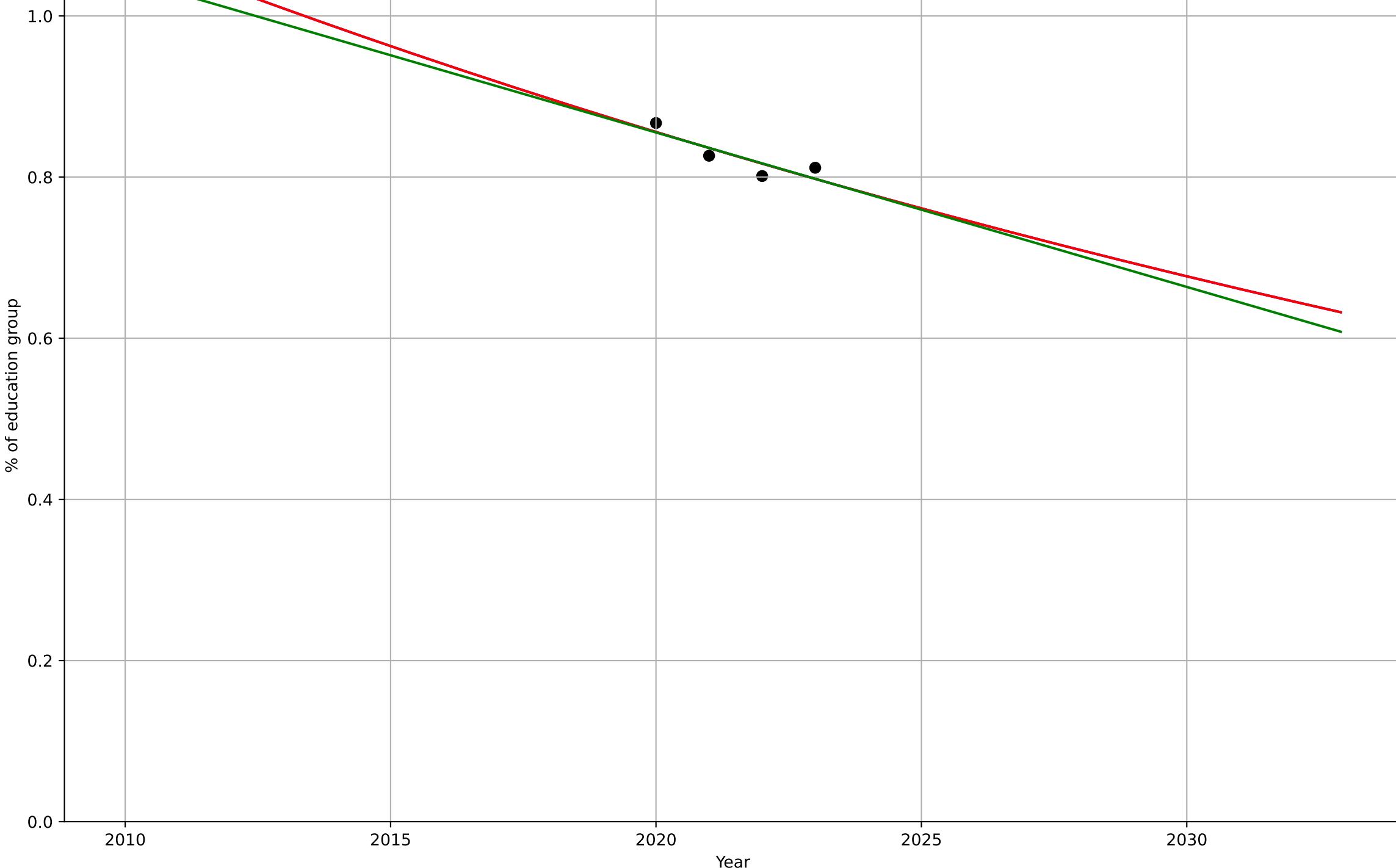


e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (hi)  
% of education group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1673, D_t=-187, K=2.94e+03$	-0.0235	0.742	-inf	0.0127	0.0125
Exponential	$0.839 \cdot \exp(-0.0235 \cdot (x-2021))$	-0.0235	0.742	0.227	0.0127	0.0125
Linear	intercept=39.6, slope=-0.0192	-0.0192	0.733	0.2	0.0129	0.0127

eco\_ger\_3.2Adc\_d020\_m064

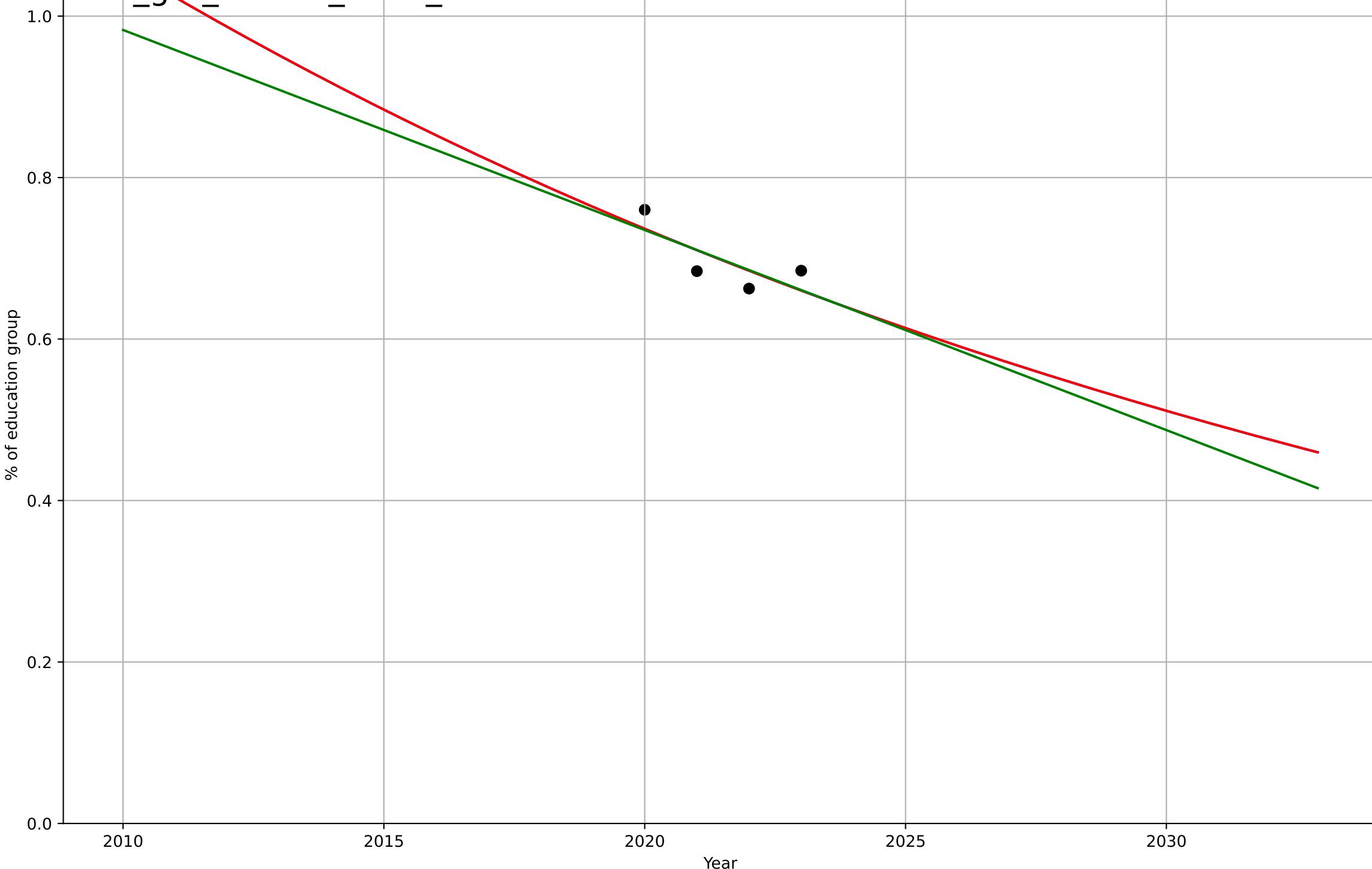


e-commerce  
Germany  
3.2 Adopter characteristics

% of individuals who made purchases online (m)  
% of education group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1785, D_t=-120, K=3.96e+03$	-0.0365	0.576	-inf	0.0241	0.0241
Exponential	$0.855 \cdot \exp(-0.0365 \cdot (x-2016))$	-0.0365	0.576	-0.273	0.0241	0.0241
Linear	intercept=50.8, slope=-0.0248	-0.0248	0.56	-0.321	0.0246	0.0246

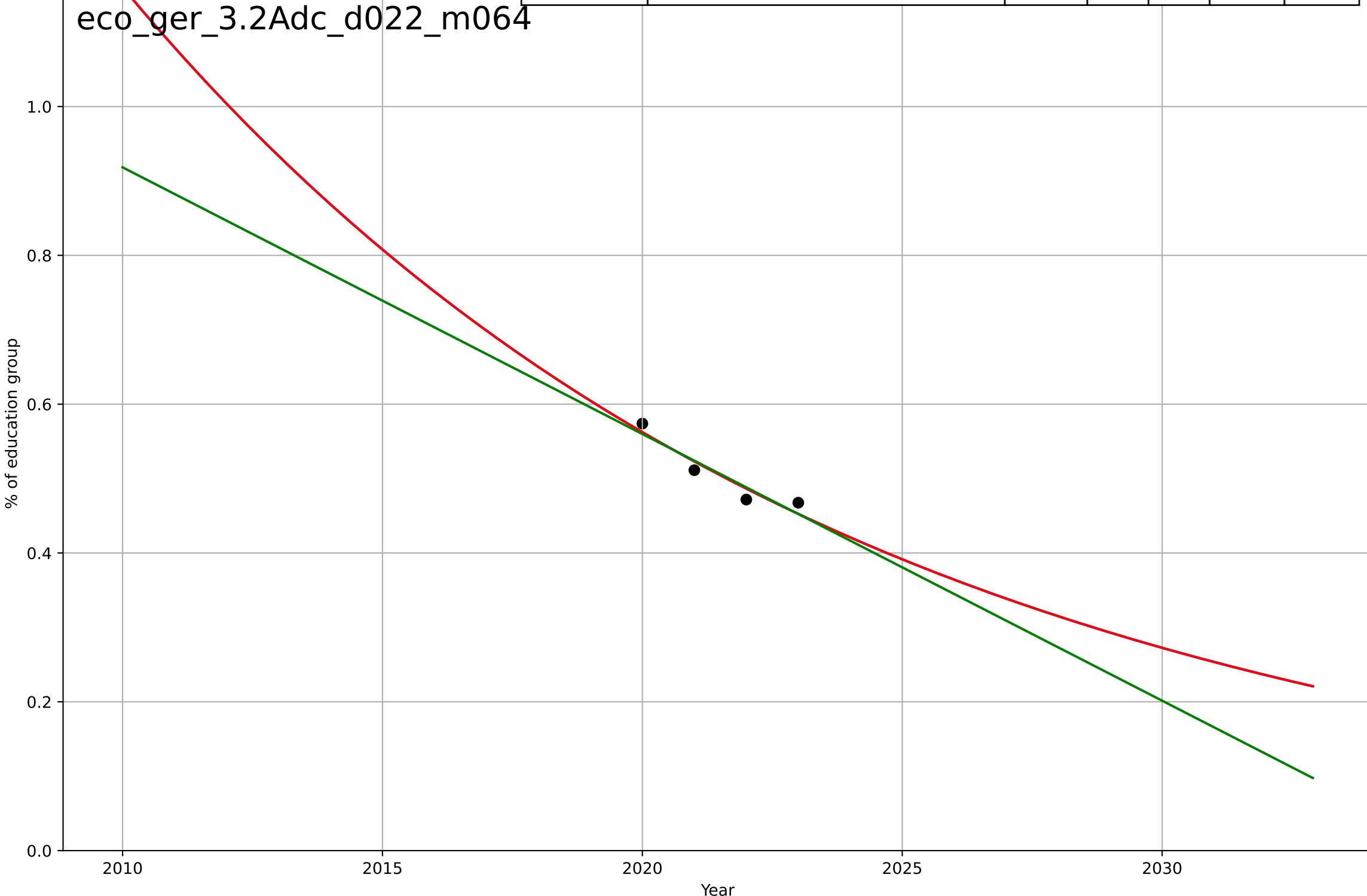
eco\_ger\_3.2Adc\_d021\_m064



e-commerce  
Germany  
3.2 Adopter characteristics  
% of individuals who made purchases online (no)  
% of education group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1885, D_t=-60.7, K=9.97e+03$	-0.0724	0.902	-inf	0.0134	0.0133
Exponential	$0.675 \cdot \exp(-0.0724 \cdot (x-2017))$	-0.0724	0.902	0.705	0.0134	0.0133
Linear	intercept=73, slope=-0.0358	-0.0358	0.882	0.646	0.0147	0.0146

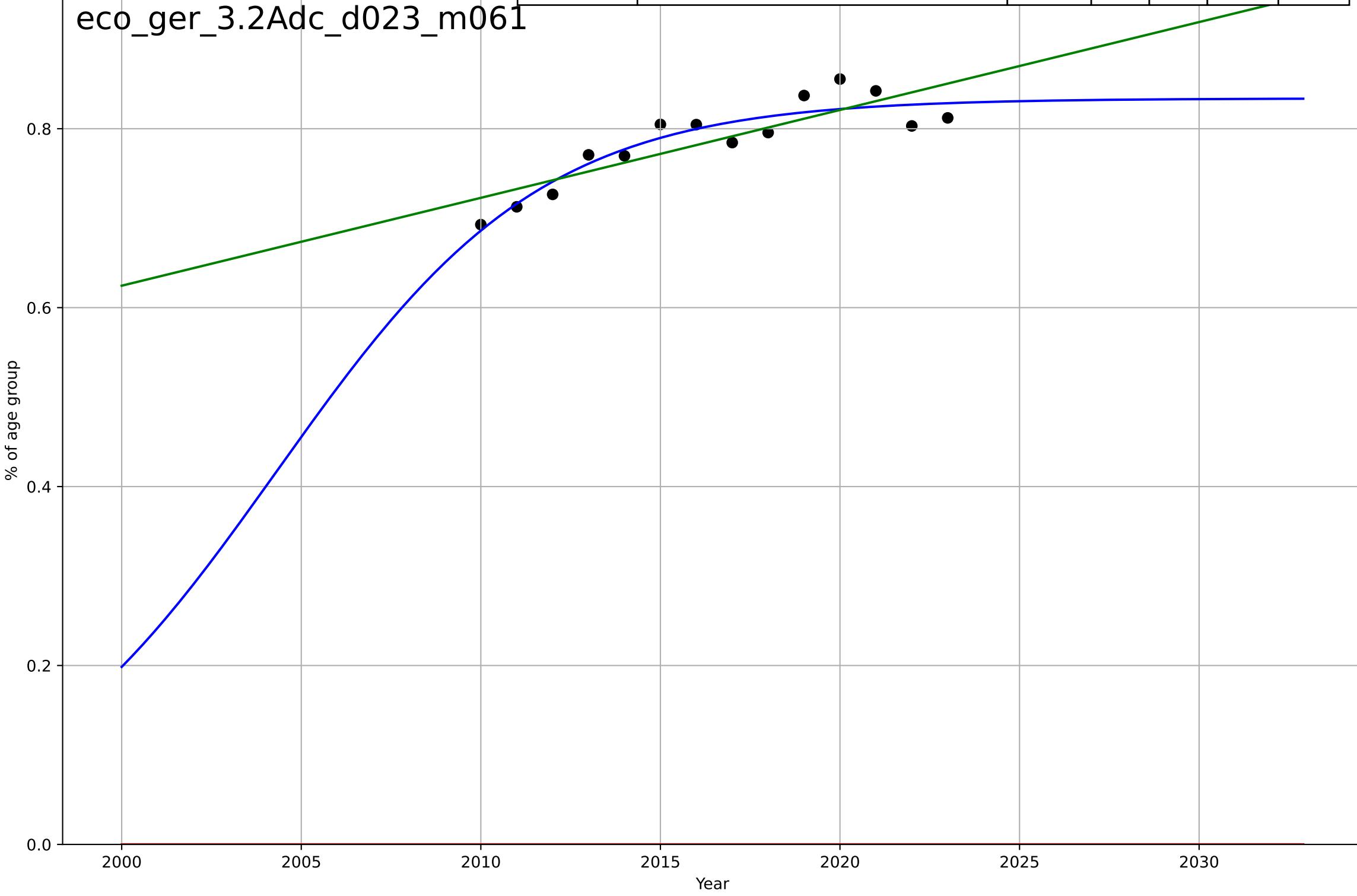
eco\_ger\_3.2Adc\_d022\_m064



e-commerce  
Germany  
3.2 Adopter characteristics  
% of individuals who made purchases online by  
% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=16.3, K=0.834	0.27	0.864	0.823	0.0172	0.0152
Exponential	1.56e+03*exp(0.00184*(x-157473))	0.00184	-284	-336	0.788	0.787
Linear	intercept=-19, slope=0.00982	0.00982	0.721	0.67	0.0247	0.022

eco\_ger\_3.2Adc\_d023\_m061



e-commerce

Germany

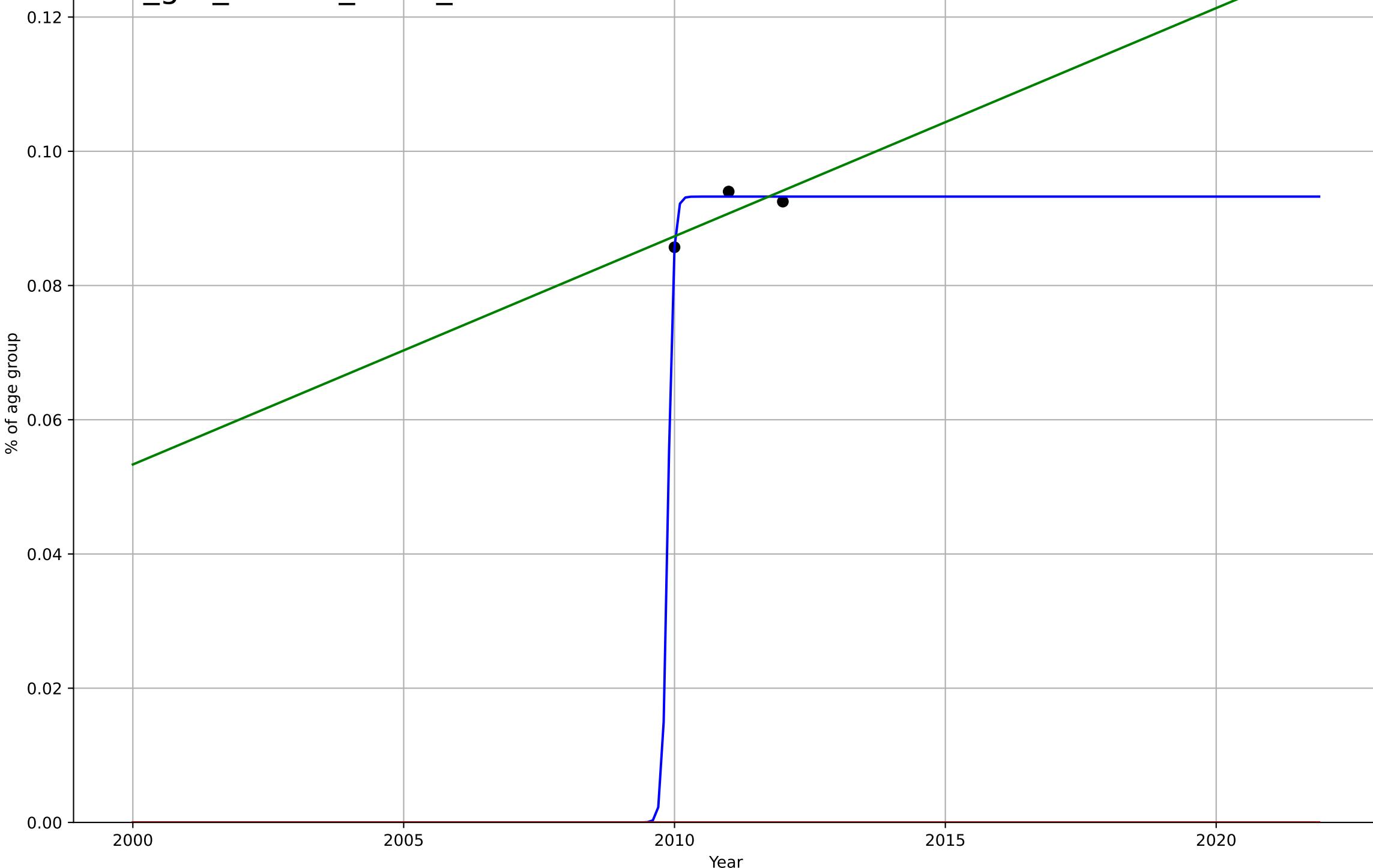
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=0.215, K=0.0933	20.4	0.971	1.06	0.000612	0.0005
Exponential	1.56e+03*exp(0.00131*(x-157475))	0.00131	-631	-inf	0.0908	0.0907
Linear	intercept=-6.75, slope=0.0034	0.0034	0.591	-inf	0.00231	0.00218

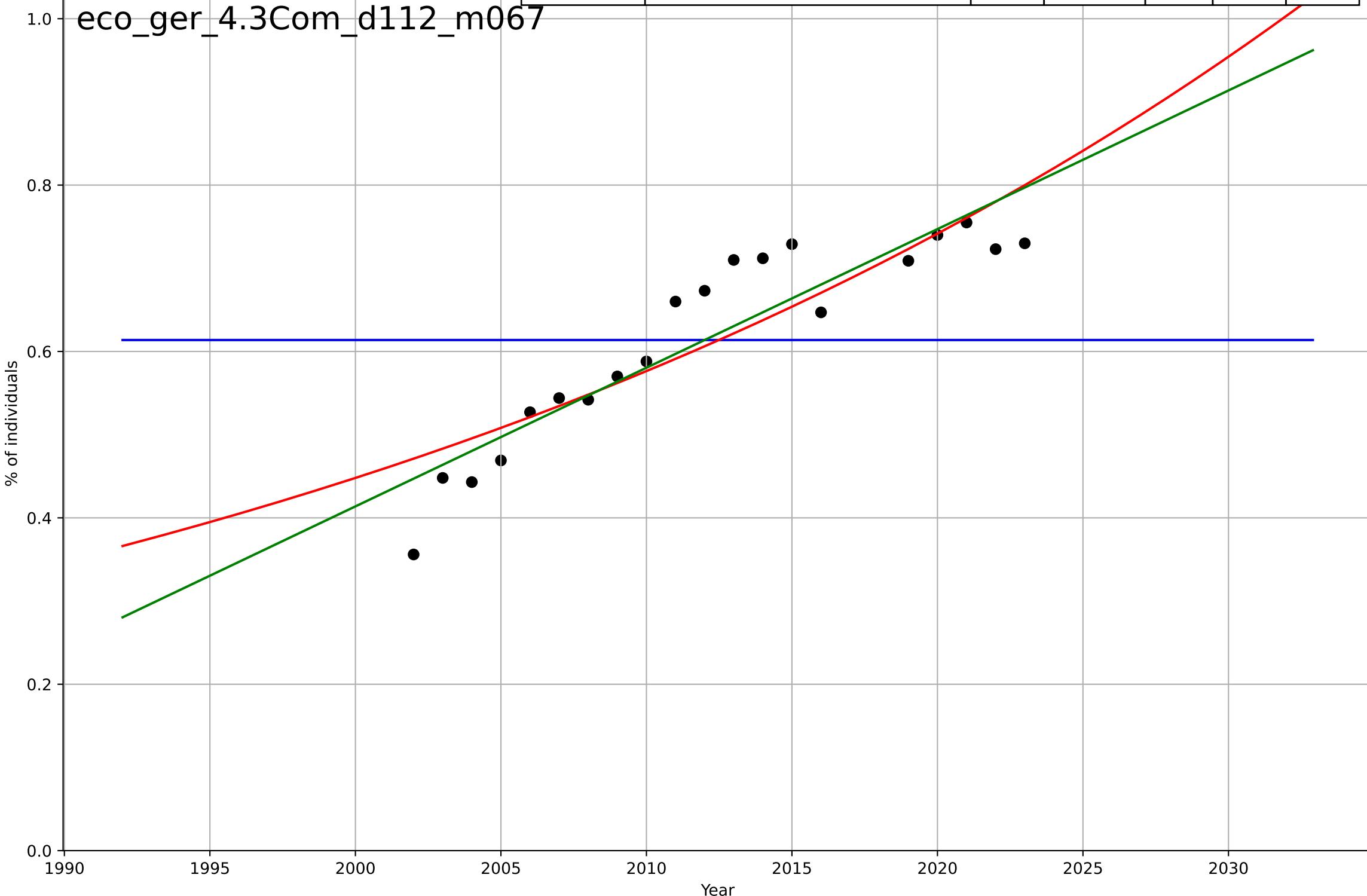
eco\_ger\_3.2Adc\_d029\_m061



e-commerce  
Germany  
4.3 Compatibility  
Individuals using the Internet to purchase goods  
% of individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2466, Dt=-29.4, K=0.614$	-0.149	-1.55e-15	-0.188	0.117	0.104
Exponential	$0.186 \cdot \exp(0.0252 \cdot (x-1965))$	0.0252	0.794	0.77	0.053	0.0414
Linear	intercept=-32.9, slope=0.0167	0.0167	0.843	0.824	0.0464	0.0373

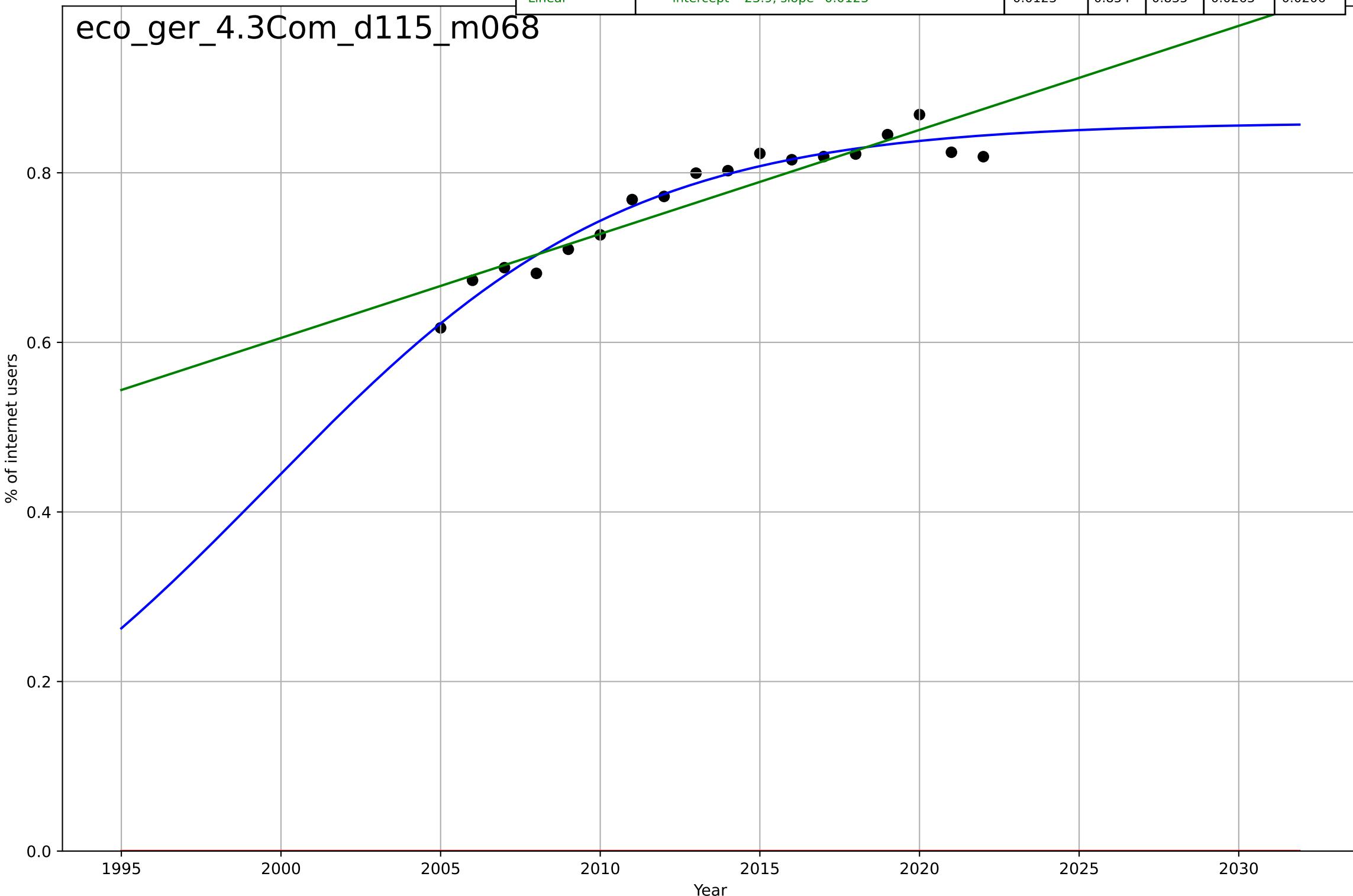
eco\_ger\_4.3Com\_d112\_m067



e-commerce  
Germany  
4.3 Compatibility  
Internet users buying online  
% of internet users

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2000, Dt=24.6, K=0.86	0.179	0.953	0.942	0.015	0.0125
Exponential	1.56e+03*exp(0.00208*(x-157473))	0.00208	-125	-142	0.774	0.771
Linear	intercept=-23.9, slope=0.0123	0.0123	0.854	0.835	0.0263	0.0206

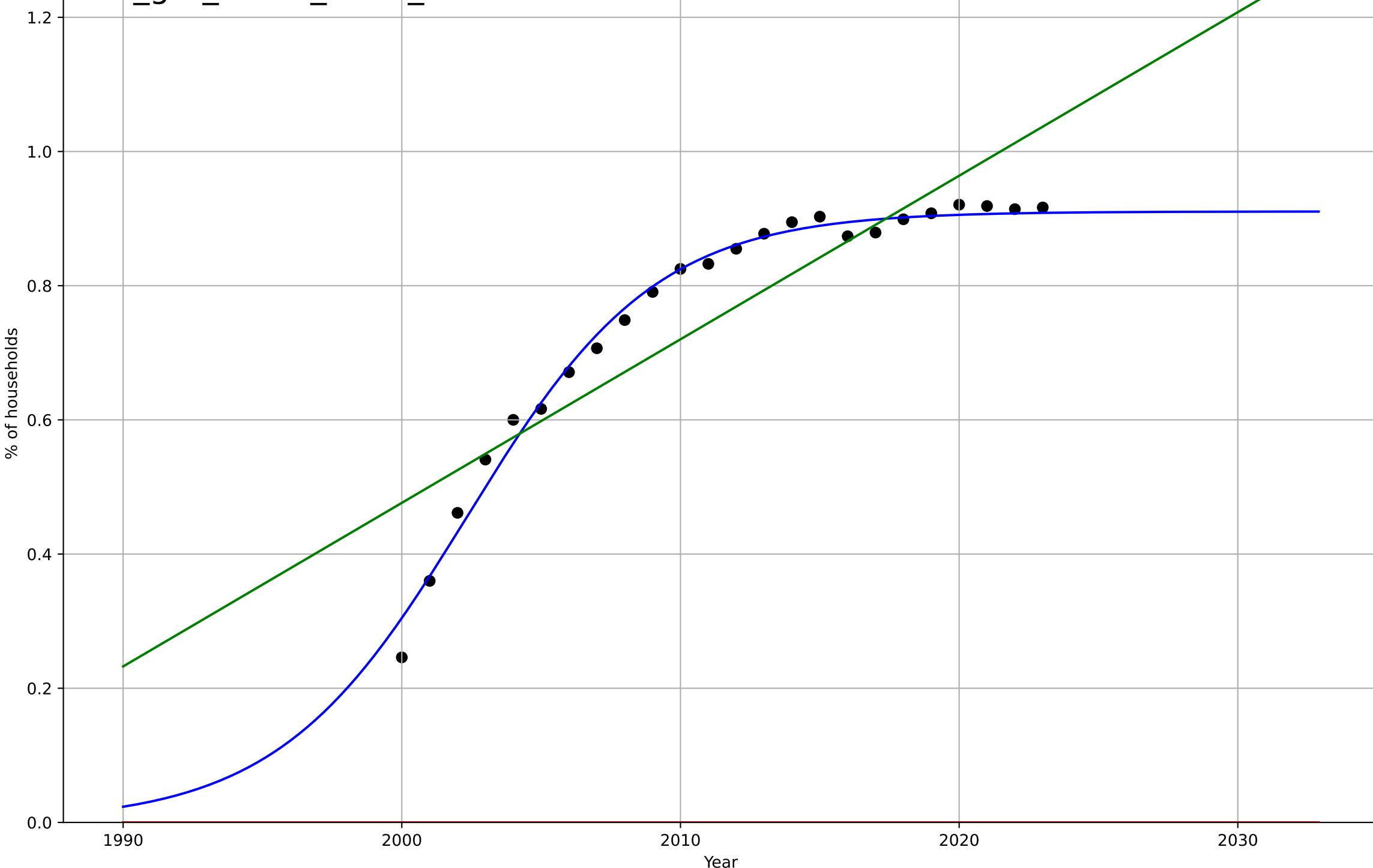
eco\_ger\_4.3Com\_d115\_m068



e-commerce  
Germany  
4.5 Infrastructure dependence  
Proportion of households with Internet access e  
% of households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2002, Dt=14.9, K=0.911	0.295	0.988	0.987	0.0204	0.0155
Exponential	1.55e+03*exp(0.00321*(x-157504))	0.00321	-16	-17.6	0.78	0.757
Linear	intercept=-48.3, slope=0.0244	0.0244	0.797	0.778	0.0852	0.0695

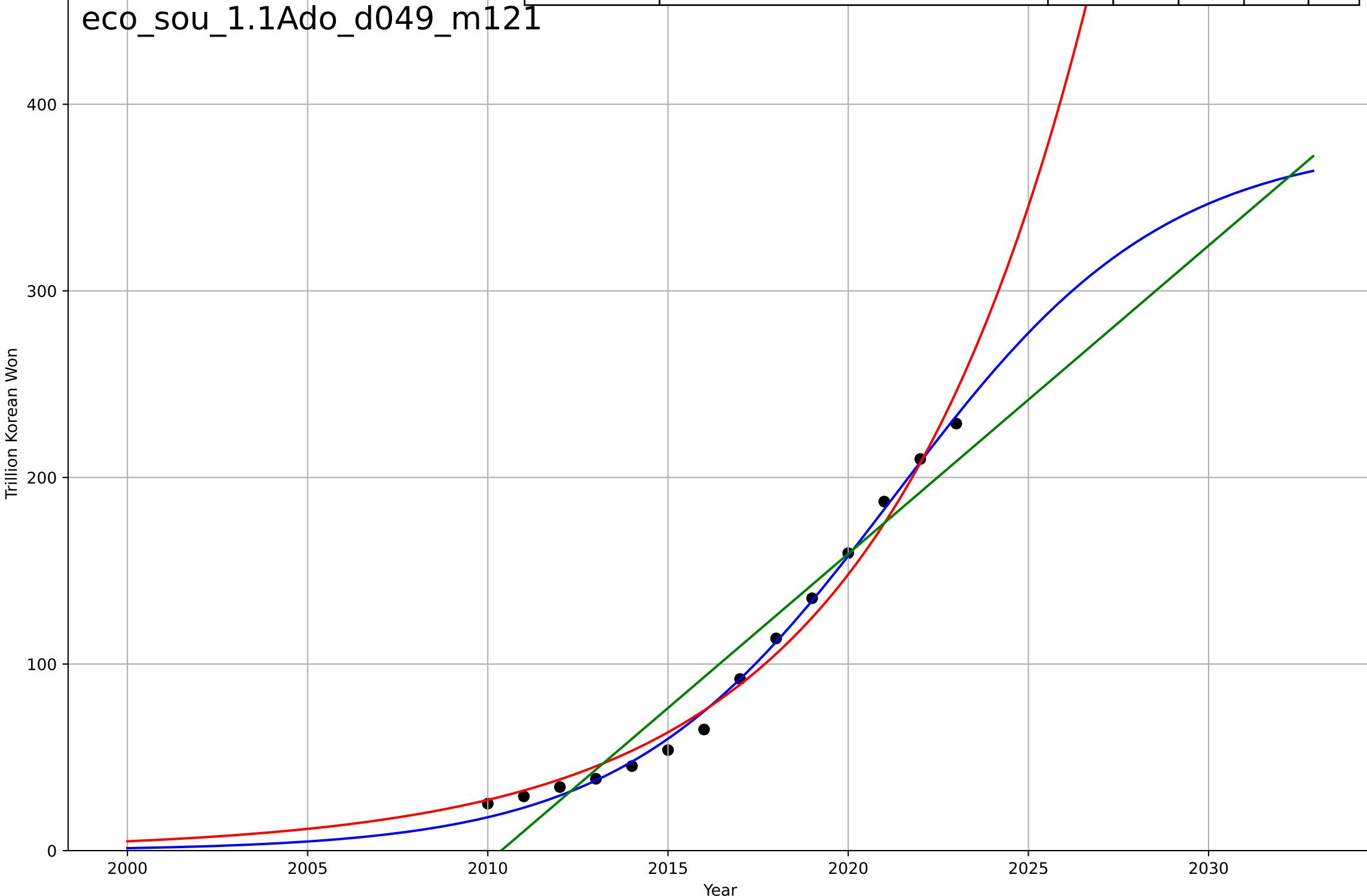
eco\_ger\_4.5Inf\_d179\_m066



e-commerce  
South Korea  
1.1 Adoption over time  
Annual e-commerce sales value  
Trillion Korean Won

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=16.5, K=381	0.267	0.996	0.994	4.58	3.69
Exponential	0.00334*exp(0.169*(x-1957))	0.169	0.984	0.981	8.83	7.72
Linear	intercept=-3.32e+04, slope=16.5	16.5	0.935	0.924	17.5	15.3

eco\_sou\_1.1Ado\_d049\_m121



e-commerce

South Korea

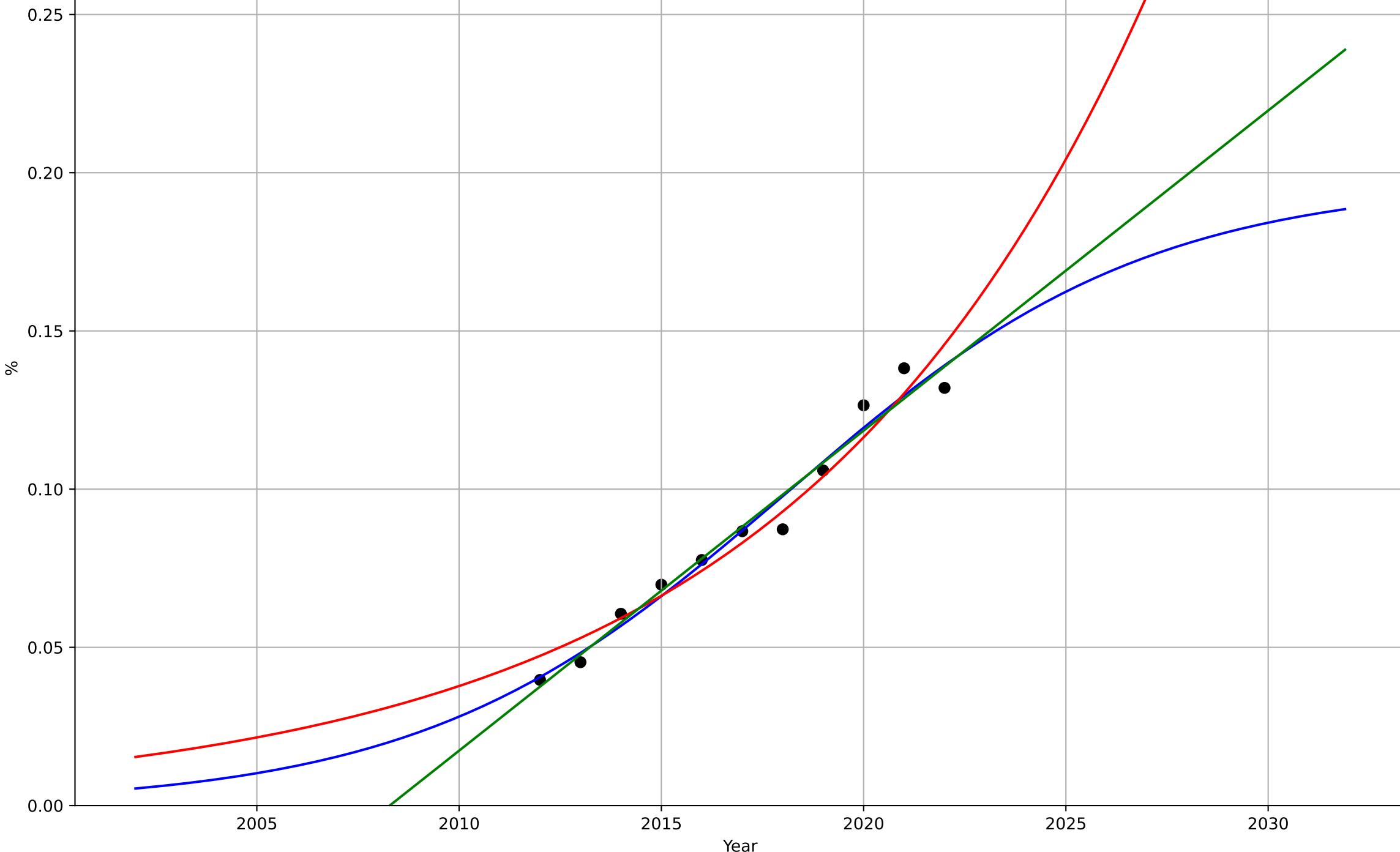
## 1.1 Adoption over time

Internet sales as a percentage of total retail sales

%

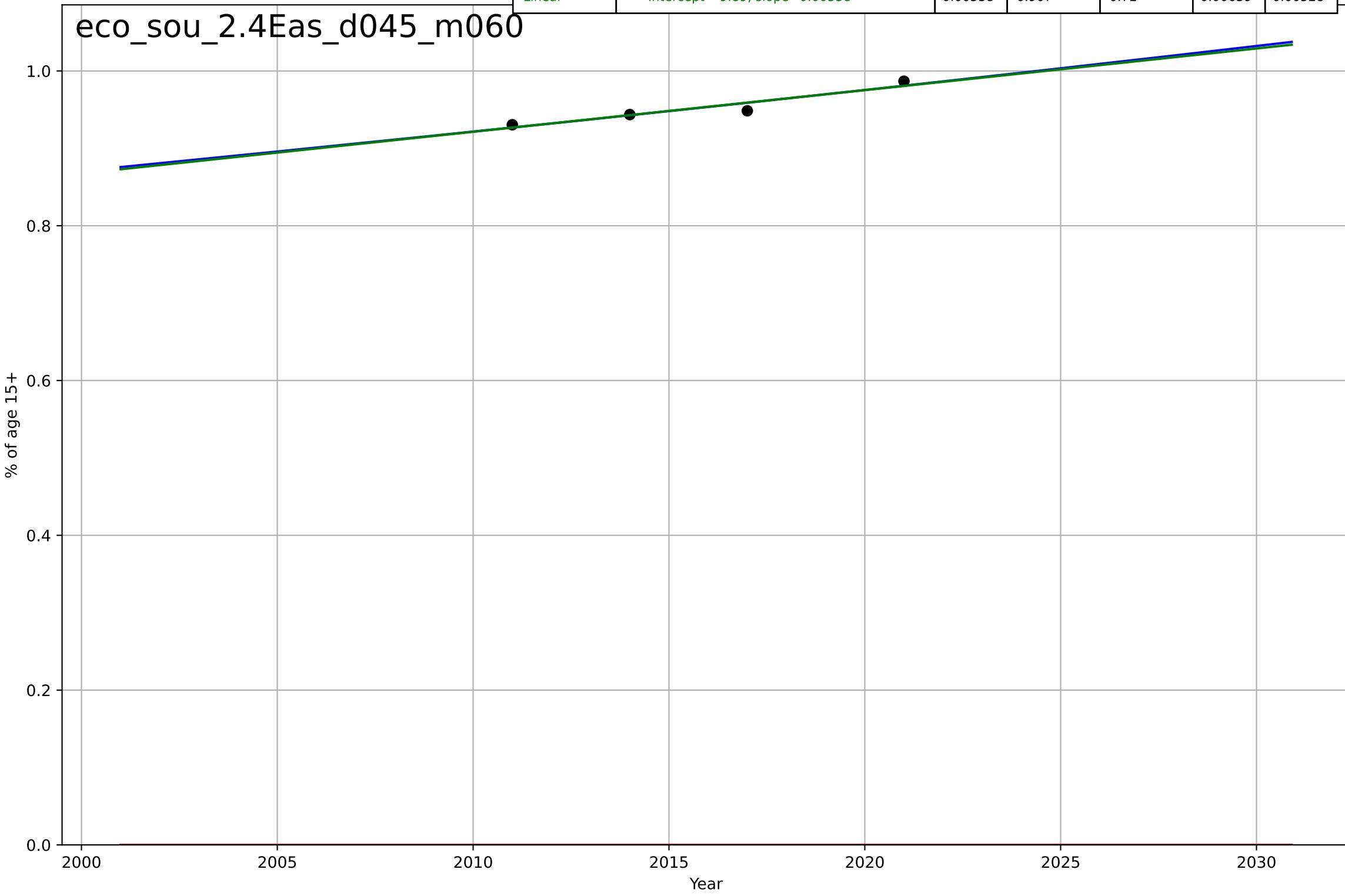
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=19.8, K=0.197	0.222	0.971	0.959	0.00549	0.00445
Exponential	3.03e-10*exp(0.113*(x-1844))	0.113	0.953	0.941	0.00704	0.00605
Linear	intercept=-20.3, slope=0.0101	0.0101	0.97	0.962	0.00565	0.00444

eco\_sou\_1.1Ado\_d114\_m028



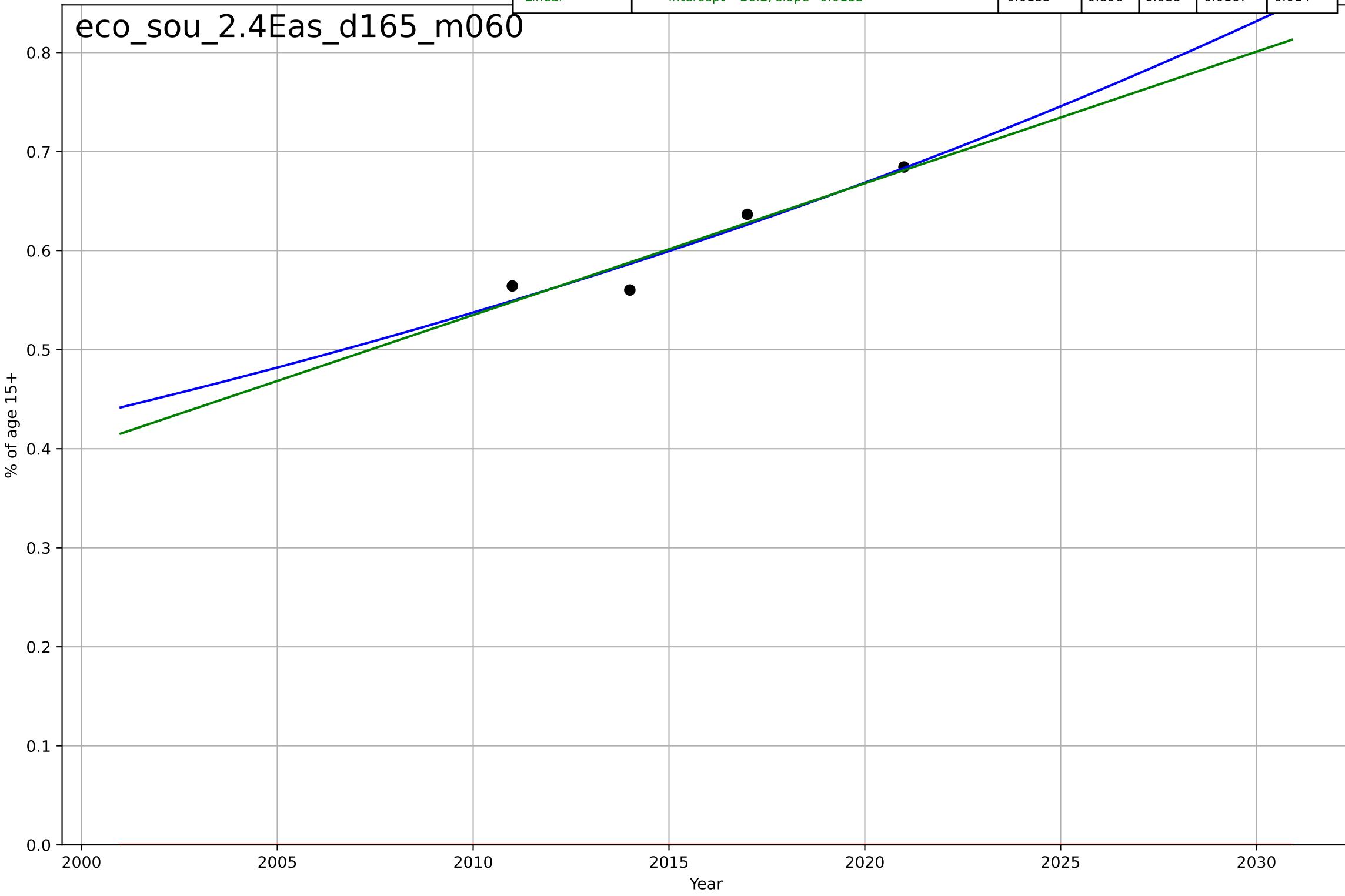
e-commerce  
South Korea  
2.4 Ease of Use  
Account in financial institution  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3164, Dt=774, K=645	0.00567	0.911	-inf	0.00625	0.00519
Exponential	1.56e+03*exp(0.00142*(x-157449))	0.00142	-2.07e+03	-6.23e+03	0.953	0.952
Linear	intercept=-9.89, slope=0.00538	0.00538	0.907	0.72	0.00639	0.00528



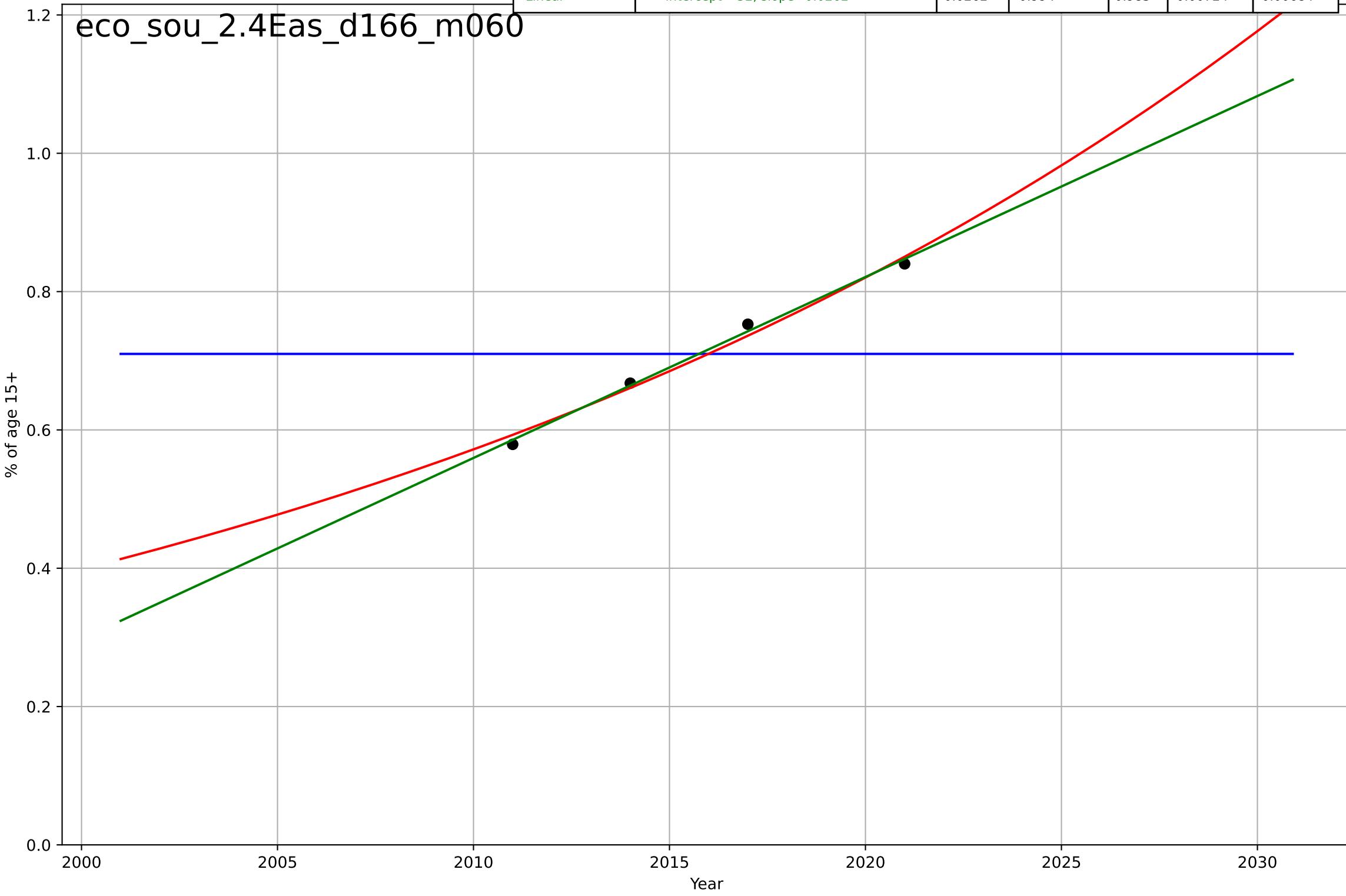
e-commerce  
South Korea  
2.4 Ease of Use  
Owns a credit card  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2428, Dt=201, K=4.91e+03	0.0218	0.905	-inf	0.016	0.0132
Exponential	1.56e+03*exp(0.00219*(x-157490))	0.00219	-138	-417	0.614	0.611
Linear	intercept=-26.2, slope=0.0133	0.0133	0.896	0.688	0.0167	0.014



e-commerce  
South Korea  
2.4 Ease of Use  
Owns a debit card  
% of age 15+

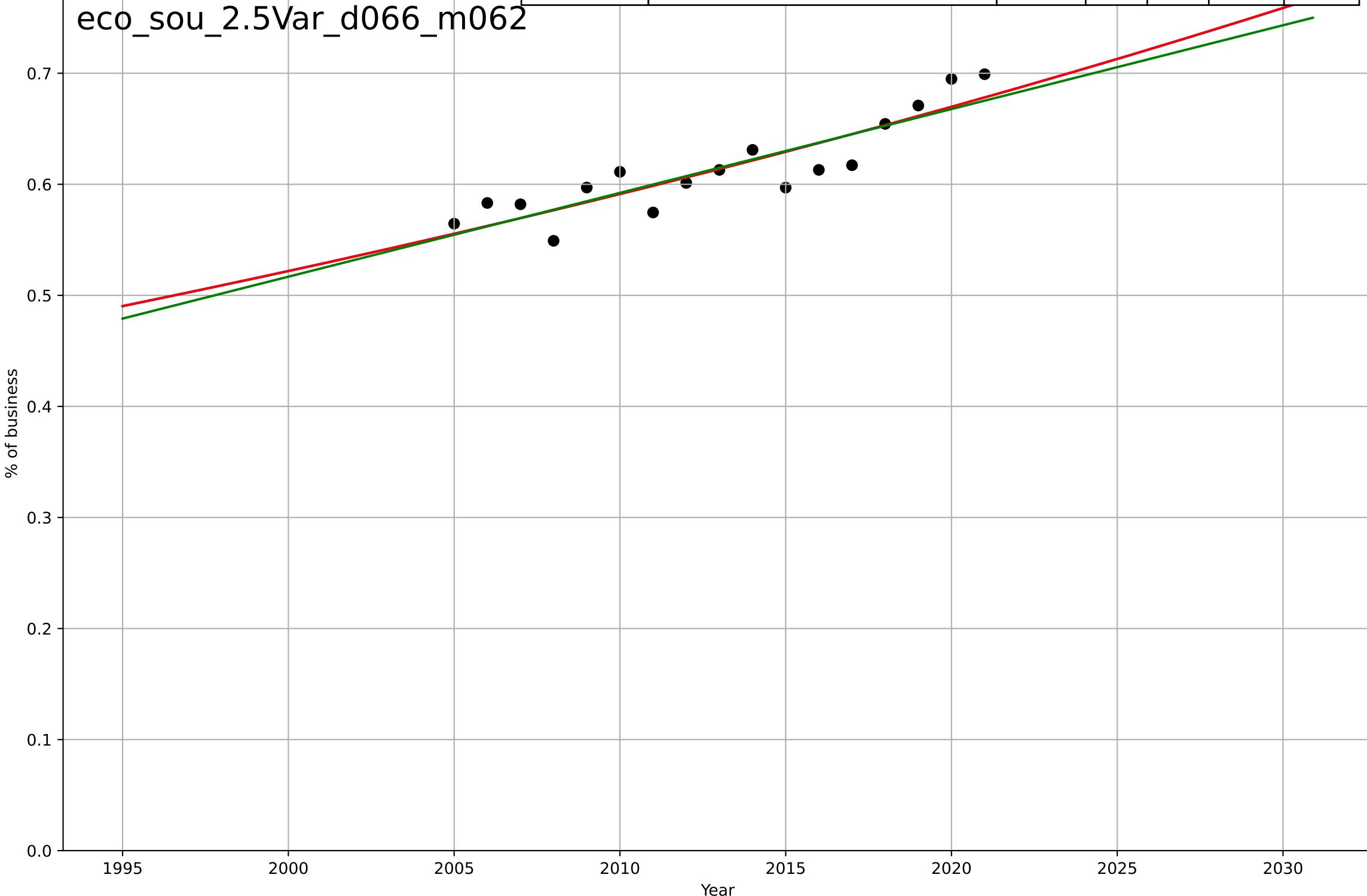
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2261, Dt=-34.2, K=0.71	-0.128	-1.13e-09	-inf	0.0971	0.0866
Exponential	1.23*exp(0.0361*(x-2031))	0.0361	0.983	0.95	0.0125	0.0119
Linear	intercept=-52, slope=0.0262	0.0262	0.994	0.983	0.00724	0.00684



e-commerce  
 South Korea  
 2.5 Variety (Choice Availability)  
 Businesses with a web presence  
 % of business

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2726, D_t=352, K=4.46e+03$	0.0125	0.79	0.742	0.0192	0.0167
Exponential	$7.81e-07 \cdot \exp(0.0125 \cdot (x-925))$	0.0125	0.79	0.76	0.0192	0.0167
Linear	intercept=-14.6, slope=0.00755	0.00755	0.778	0.746	0.0198	0.0173

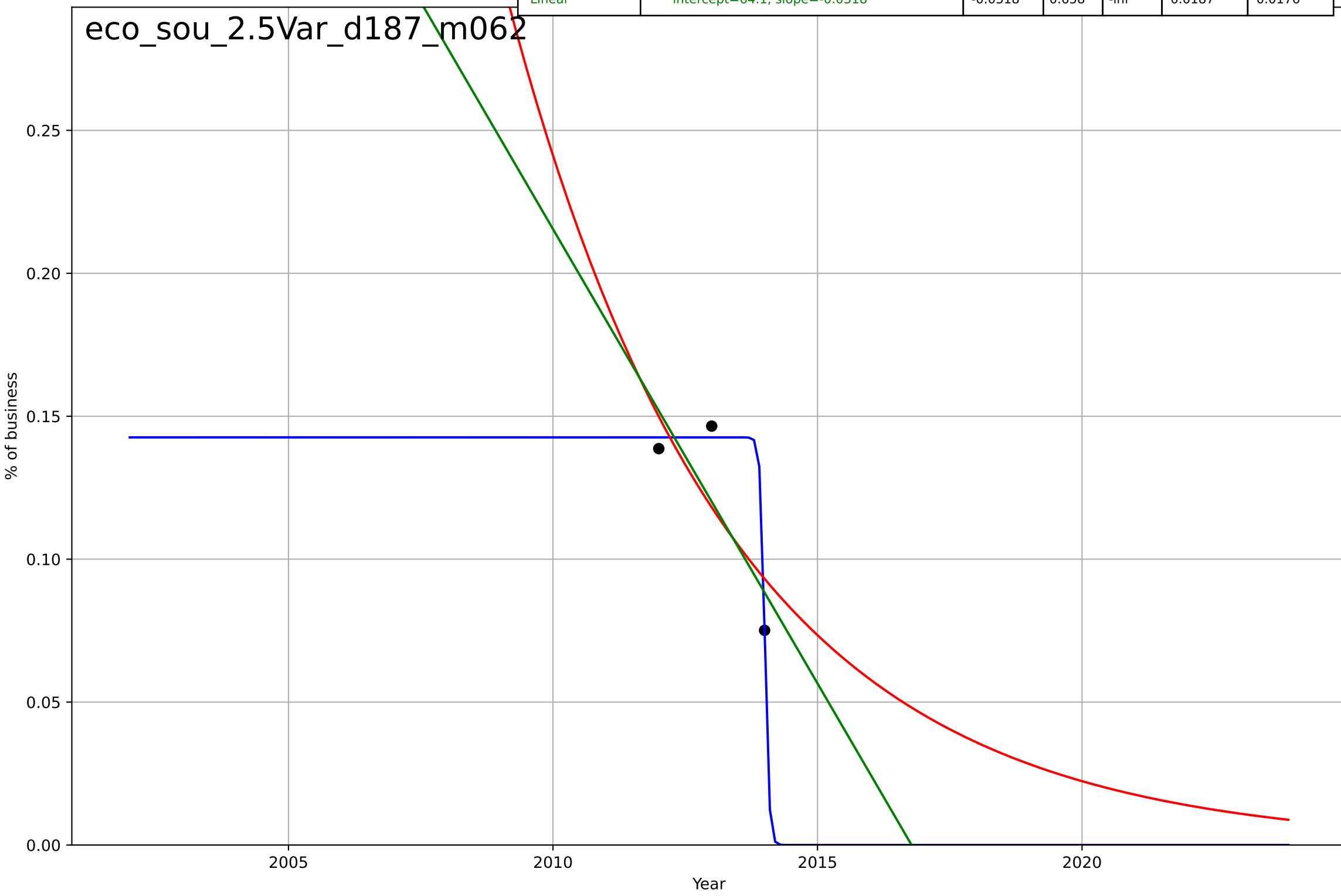
eco\_sou\_2.5Var\_d066\_m062



e-commerce  
 South Korea  
 2.5 Variety (Choice Availability)  
 Share of businesses receiving orders through the Internet  
 % of business

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=-0.179, K=0.143$	-24.6	0.99	1.02	0.00321	0.00262
Exponential	$0.442 \cdot \exp(-0.238 \cdot (x-2007))$	-0.238	0.59	-inf	0.0205	0.0192
Linear	intercept=64.1, slope=-0.0318	-0.0318	0.658	-inf	0.0187	0.0176

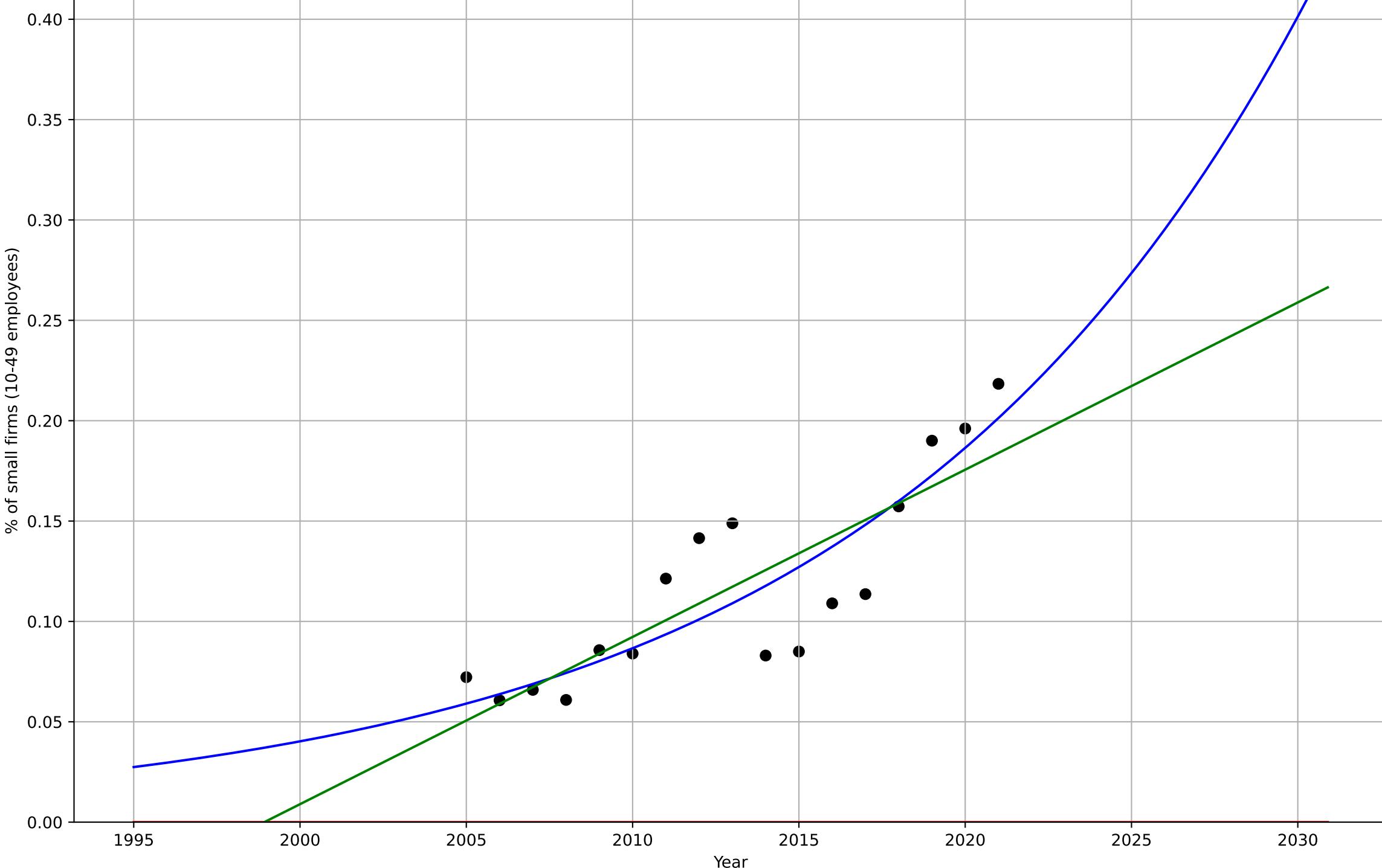
eco\_sou\_2.5Var\_d187\_m062



e-commerce  
 South Korea  
 2.5 Variety (Choice Availability)  
 Small firms selling online  
 % of small firms (10-49 employees)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2155, D_t=57.3, K=5.82e+03$	0.0767	0.751	0.693	0.0243	0.0197
Exponential	$1.56e+03 \cdot \exp(0.00177 \cdot (x-157493))$	0.00177	-5.79	-6.76	0.127	0.117
Linear	intercept=-16.7, slope=0.00833	0.00833	0.701	0.659	0.0266	0.0221

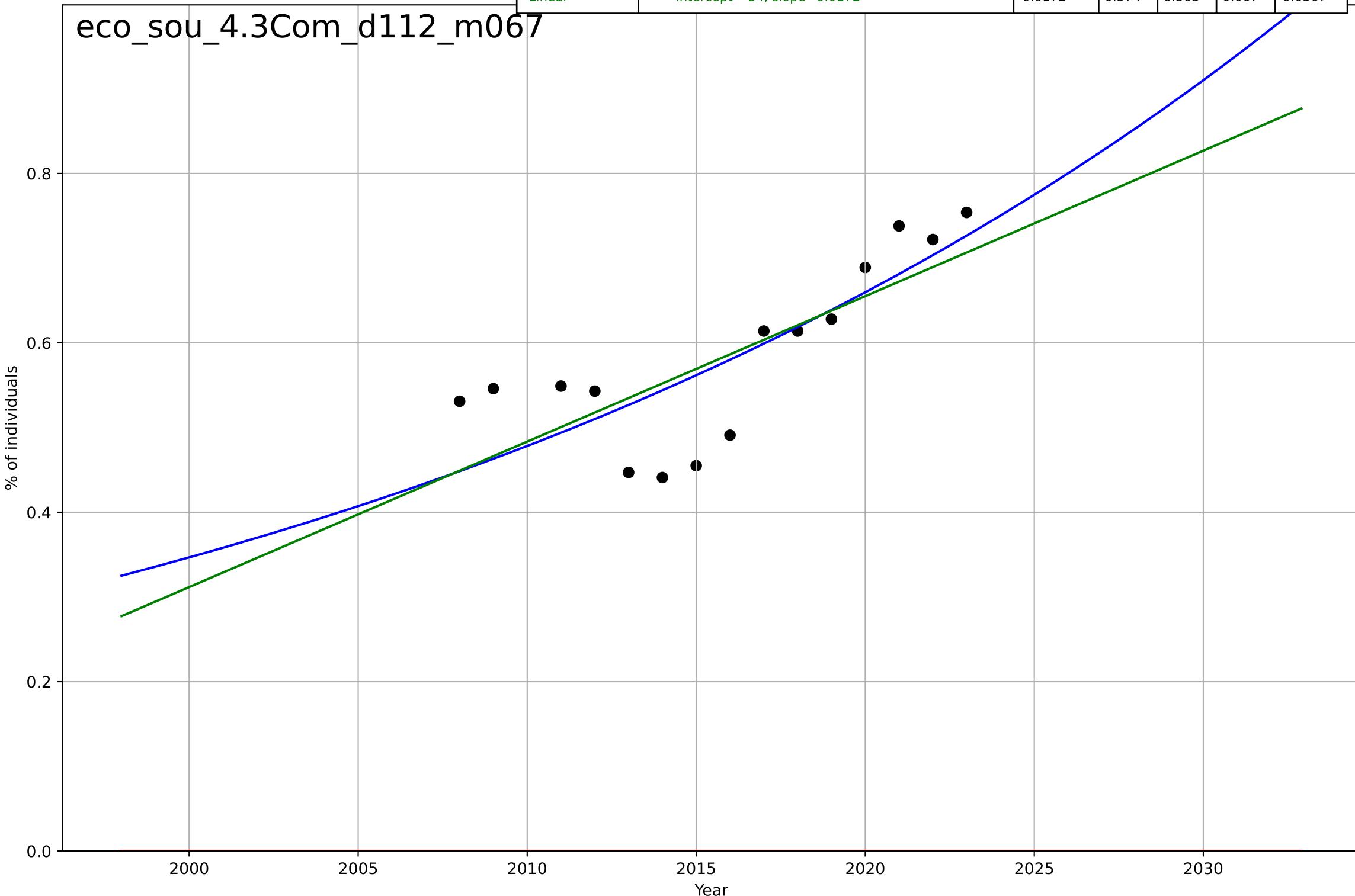
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e-commerce  
South Korea  
4.3 Compatibility  
Individuals using the Internet to purchase goods  
% of individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2338, D_t=137, K=1.81e+04$	0.0322	0.623	0.52	0.063	0.0529
Exponential	$1.56e+03 \cdot \exp(0.00256 \cdot (x - 157504))$	0.00256	-32.4	-37.9	0.593	0.584
Linear	intercept=-34, slope=0.0172	0.0172	0.574	0.503	0.067	0.0567

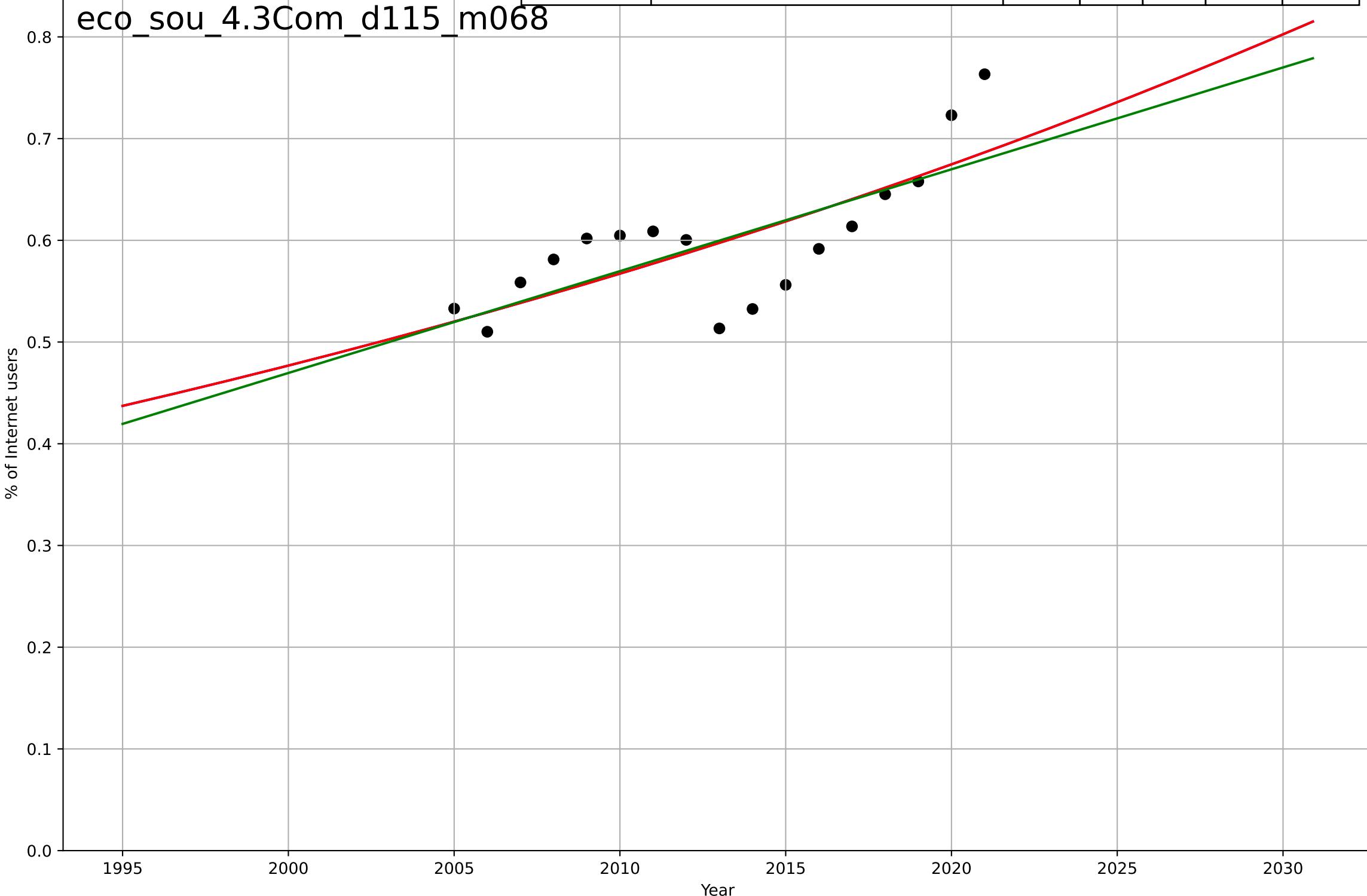
eco\_sou\_4.3Com\_d112\_m067



e-commerce  
South Korea  
4.3 Compatibility  
Internet users buying online  
% of Internet users

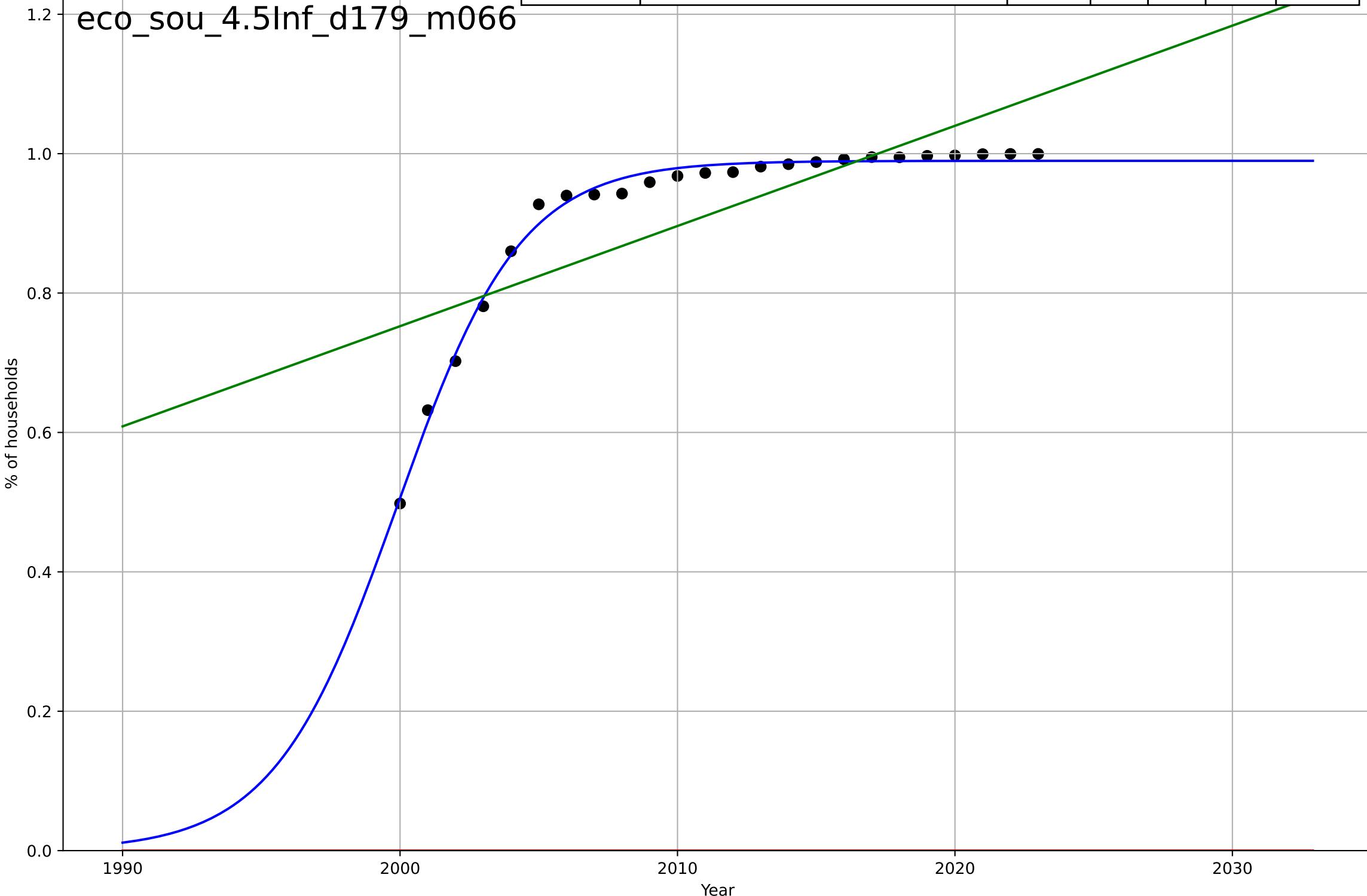
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2542, D_t=253, K=5.74e+03$	0.0174	0.558	0.455	0.0445	0.0374
Exponential	$3.24 \cdot \exp(0.0173 \cdot (x - 2110))$	0.0173	0.558	0.494	0.0445	0.0374
Linear	intercept=-19.6, slope=0.01	0.01	0.537	0.471	0.0456	0.0373

eco\_sou\_4.3Com\_d115\_m068



e-commerce  
South Korea  
4.5 Infrastructure dependence  
Proportion of households with Internet access e  
% of households

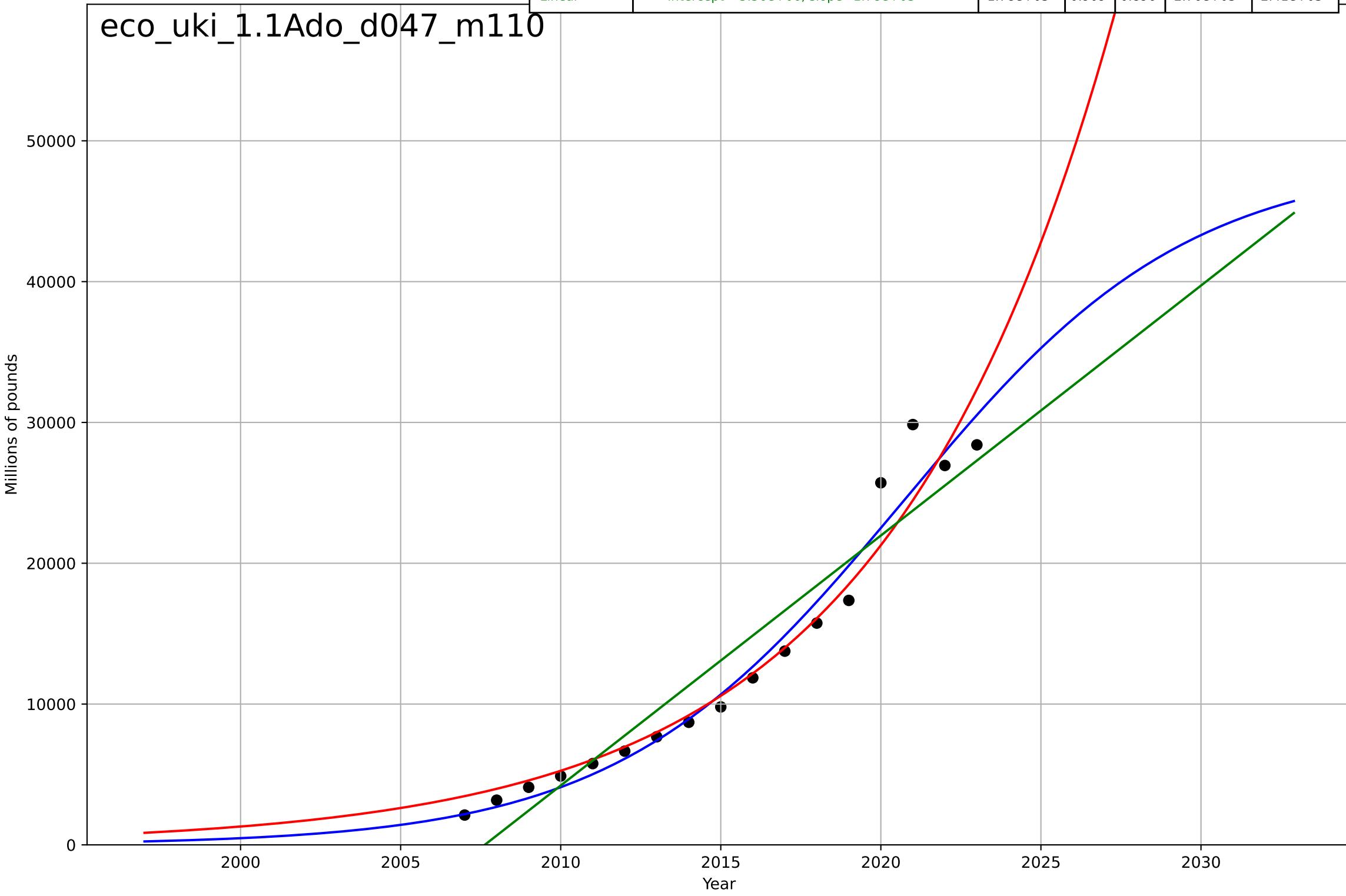
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2000, D_t=9.77, K=0.99$	0.45	0.992	0.991	0.0116	0.00997
Exponential	$1.56e+03 \cdot \exp(0.00226 \cdot (x-157467))$	0.00226	-50.3	-55.2	0.927	0.918
Linear	intercept=-28, slope=0.0144	0.0144	0.591	0.552	0.0827	0.065



e-commerce  
UK  
1.1 Adoption over time  
Annual Internet retail (B2C) sales value  
Millions of pounds

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=19.6, K=4.87e+04	0.224	0.964	0.956	1.73e+03	1.27e+03
Exponential	3.43e-06*exp(0.14*(x-1859))	0.14	0.95	0.943	2.05e+03	1.3e+03
Linear	intercept=-3.56e+06, slope=1.78e+03	1.78e+03	0.909	0.896	2.76e+03	2.41e+03

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e-commerce

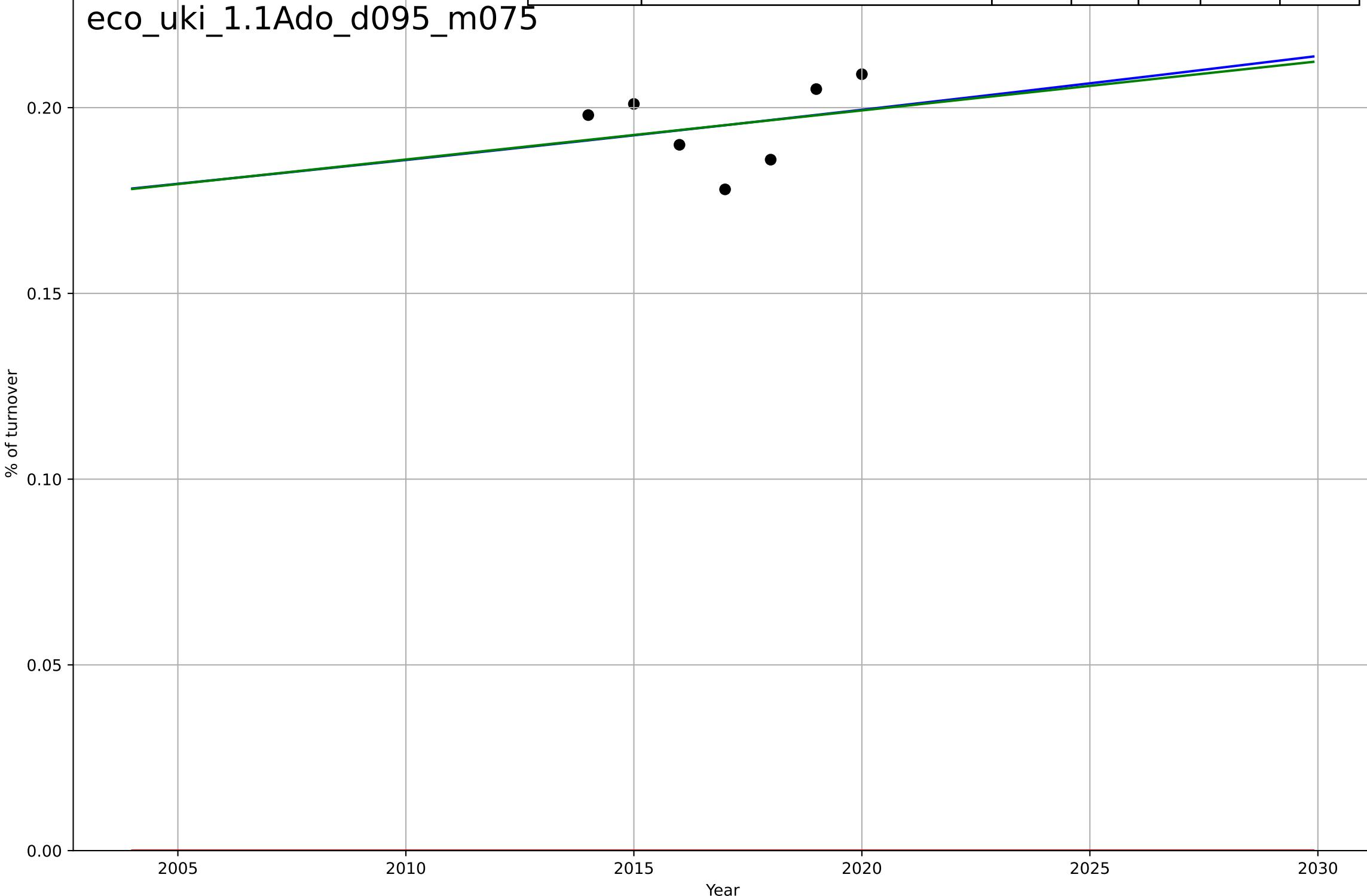
UK

1.1 Adoption over time

Enterprises' total turnover from e-commerce sales  
% of turnover

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2786, D_t=623, K=44.3$	0.00705	0.0689	-0.862	0.00989	0.00909
Exponential	$1.56e+03 \cdot \exp(0.00111 \cdot (x-157477))$	0.00111	-363	-545	0.196	0.195
Linear	intercept=-2.47, slope=0.00132	0.00132	0.0665	-0.4	0.0099	0.0091

eco\_uki\_1.1Ado\_d095\_m075



e-commerce

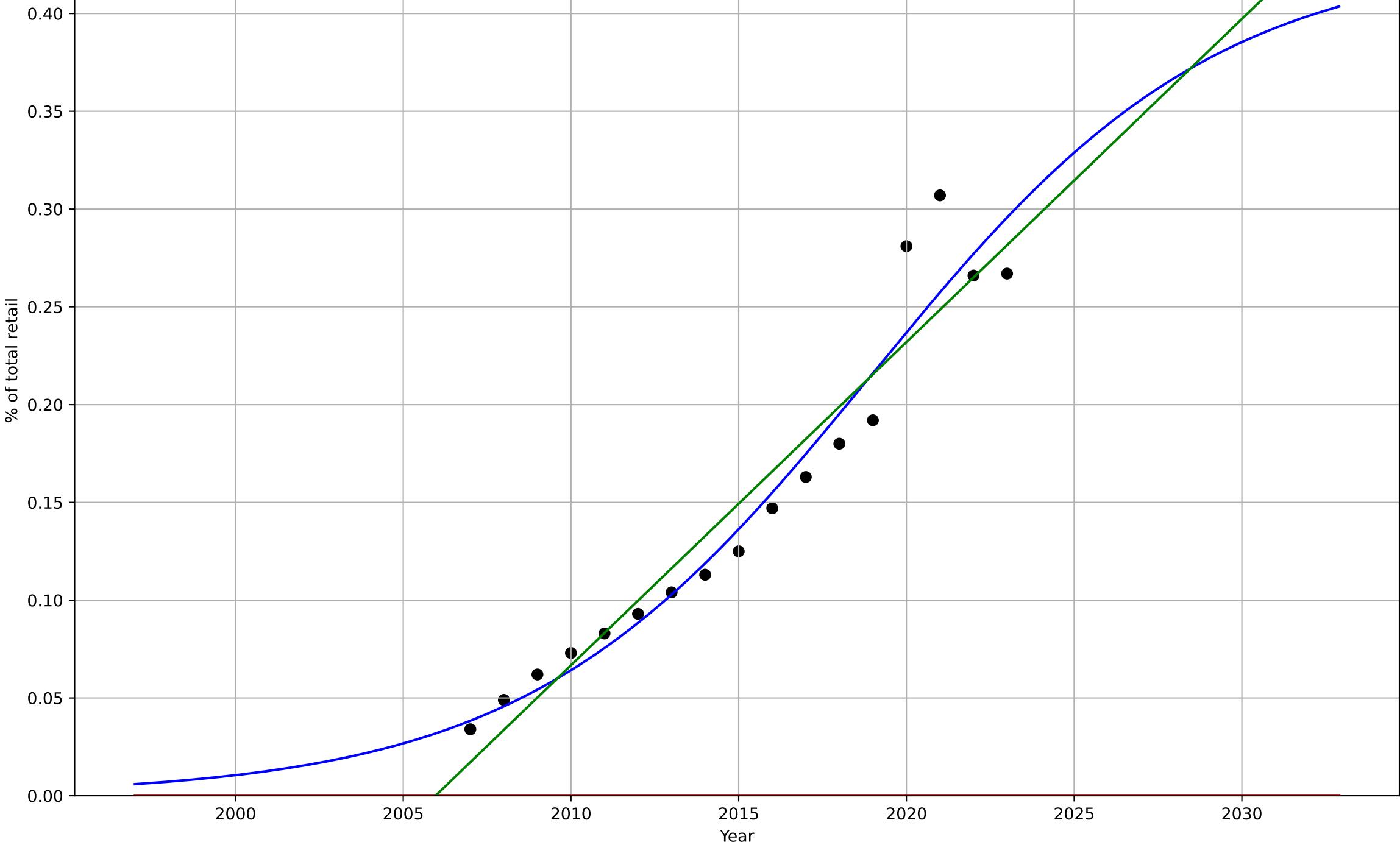
UK

### 1.1 Adoption over time

Internet sales as a percentage of total retail (B2C)  
% of total retail

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=22.6, K=0.43$	0.194	0.944	0.931	0.02	0.0145
Exponential	$1.55e+03 \cdot \exp(0.00254 \cdot (x-157521))$	0.00254	-3.13	-3.73	0.172	0.149
Linear	intercept=-33.1, slope=0.0165	0.0165	0.921	0.91	0.0237	0.0187

eco\_uki\_1.1Ado\_d113\_m074



e-commerce

UK

1.1 Adoption over time

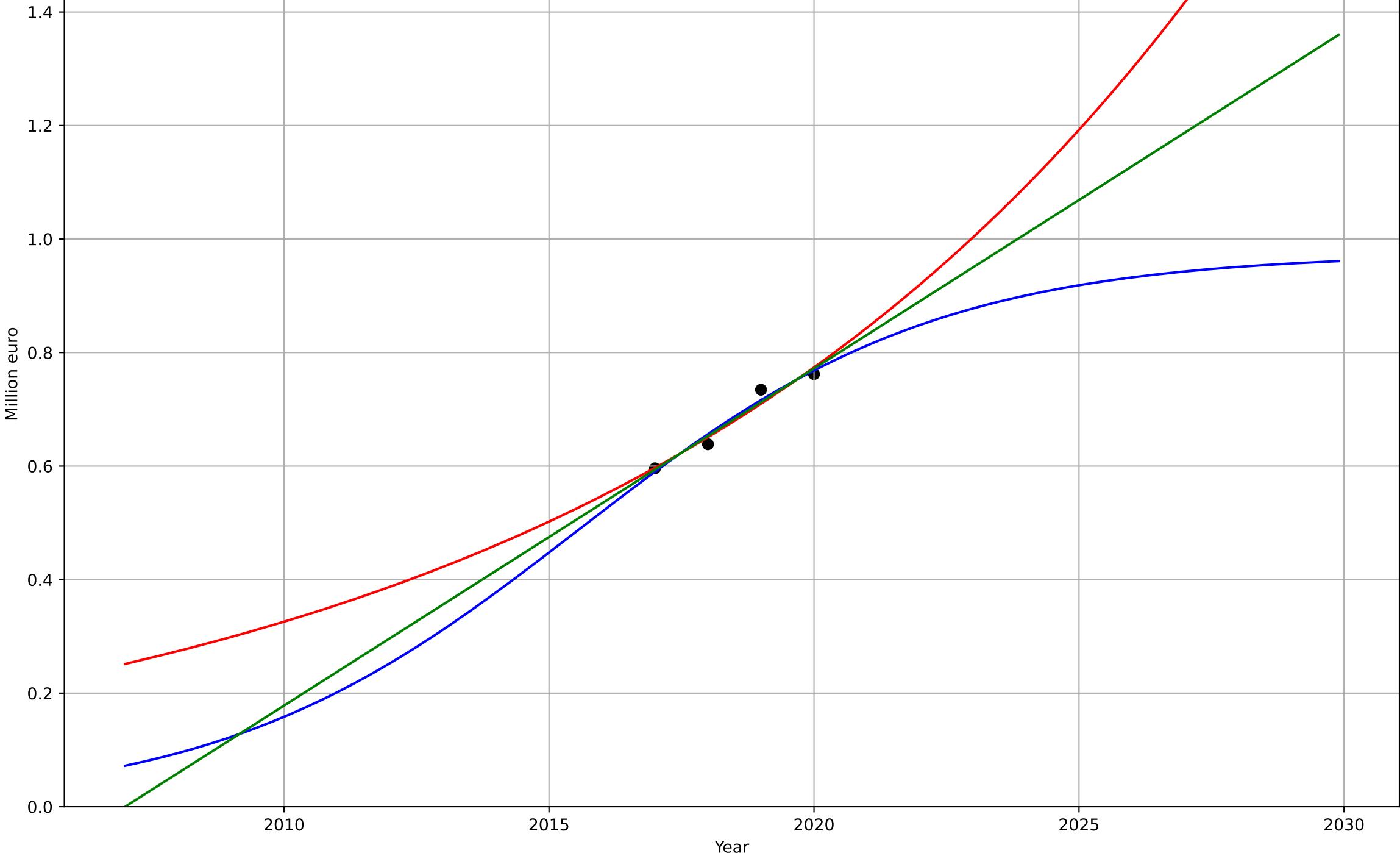
Monetary value of e-commerce sales (all activities)

Million euro

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2016, D_t=14.9, K=9.75e+05$	0.296	0.96	-inf	1.35e+04	1.21e+04
Exponential	$0.000103 \cdot \exp(0.0865 \cdot (x-1757))$	0.0865	0.951	0.852	1.51e+04	1.24e+04
Linear	intercept=-1.19e+08, slope=5.94e+04	5.94e+04	0.957	0.87	1.41e+04	1.22e+04

eco\_uki\_1.1Ado\_d123\_m108



e-commerce

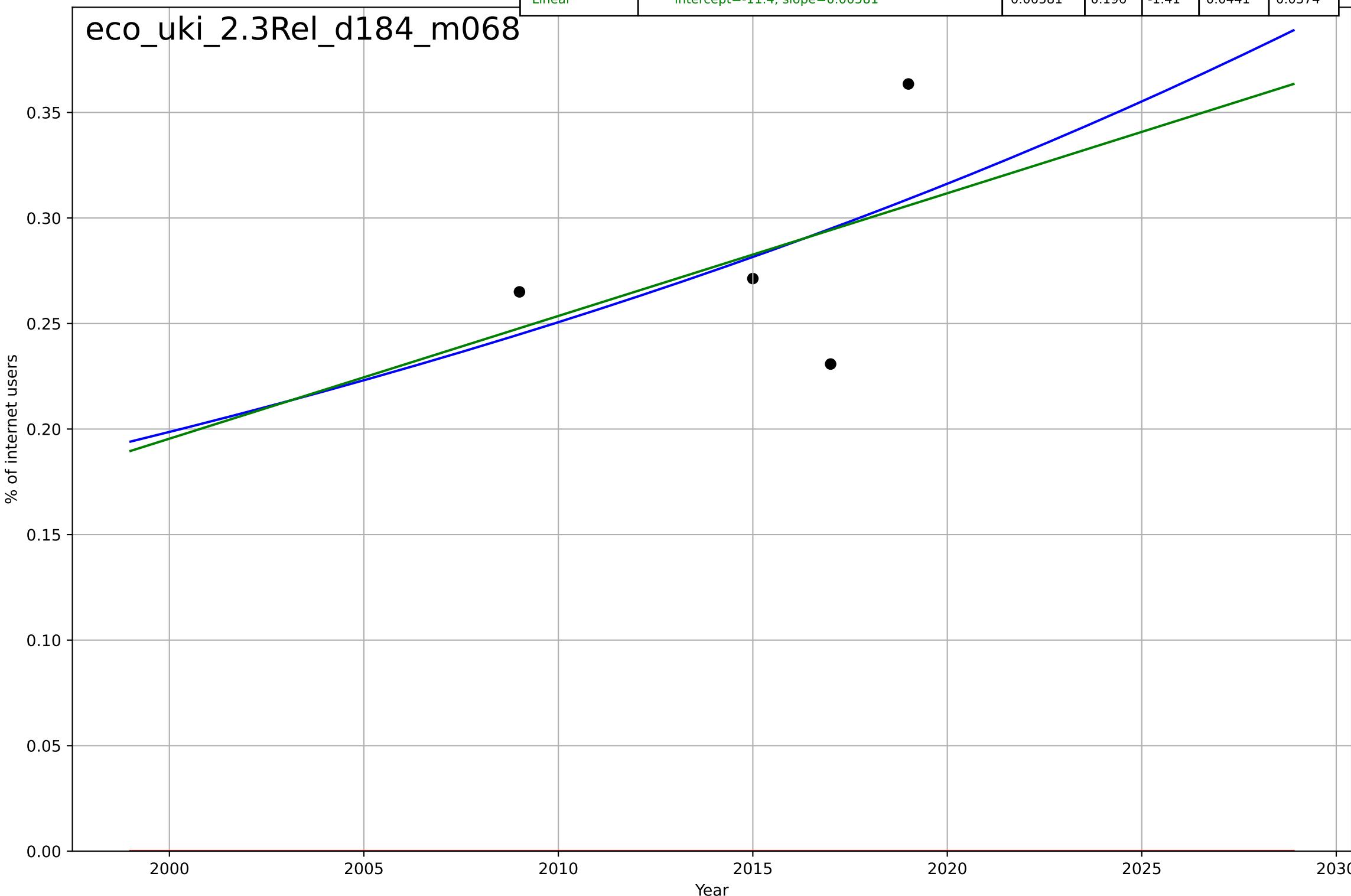
UK

### 2.3 Relative (dis)advantage

Share of Internet users not buying online due to  
% of internet users

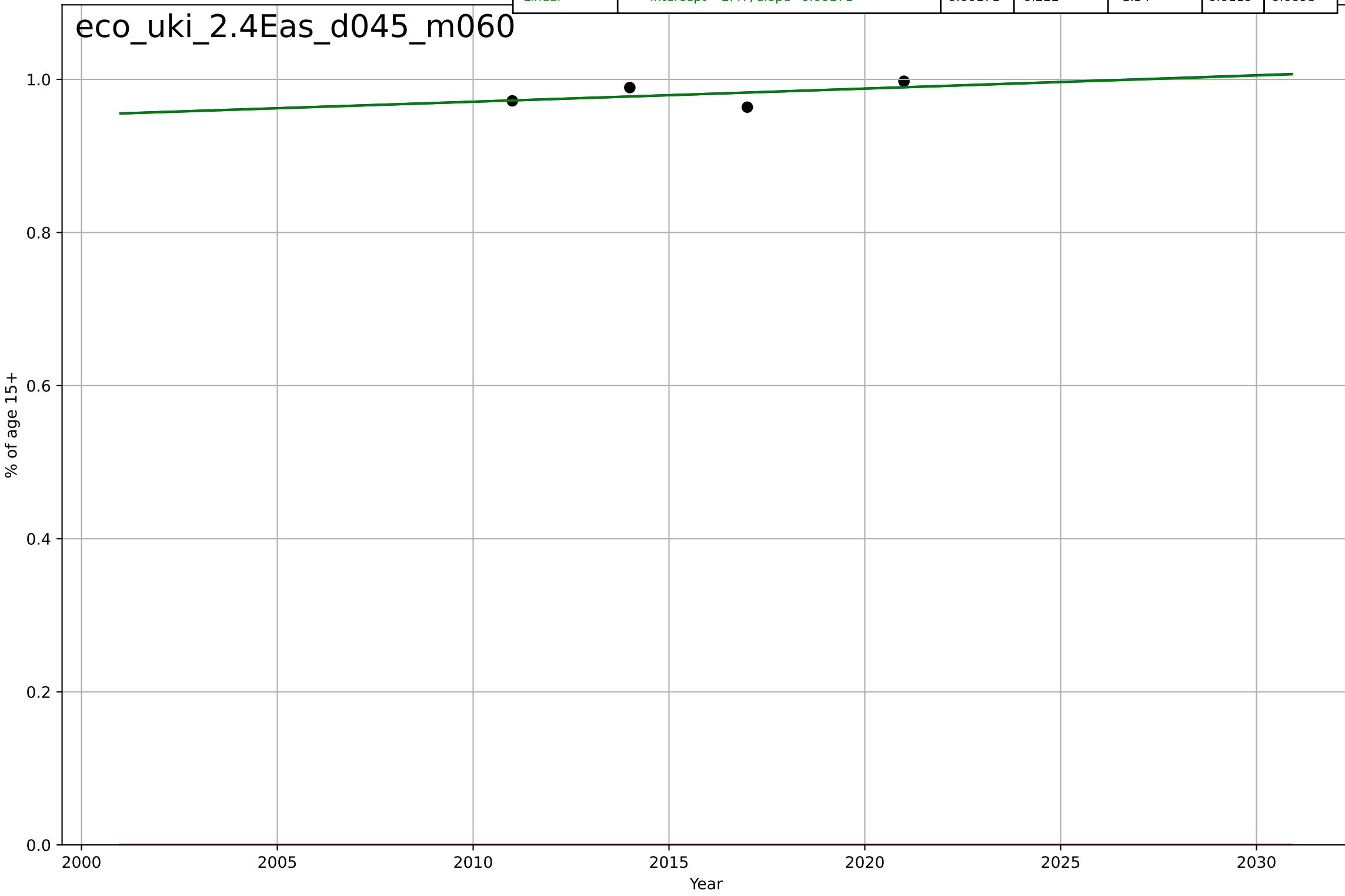
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2396, D_t=189, K=2e+03$	0.0233	0.214	-inf	0.0436	0.0373
Exponential	$1.56e+03 \cdot \exp(0.00152 \cdot (x-157482))$	0.00152	-33.1	-101	0.287	0.283
Linear	intercept=-11.4, slope=0.00581	0.00581	0.196	-1.41	0.0441	0.0374

eco\_uki\_2.3Rel\_d184\_m068



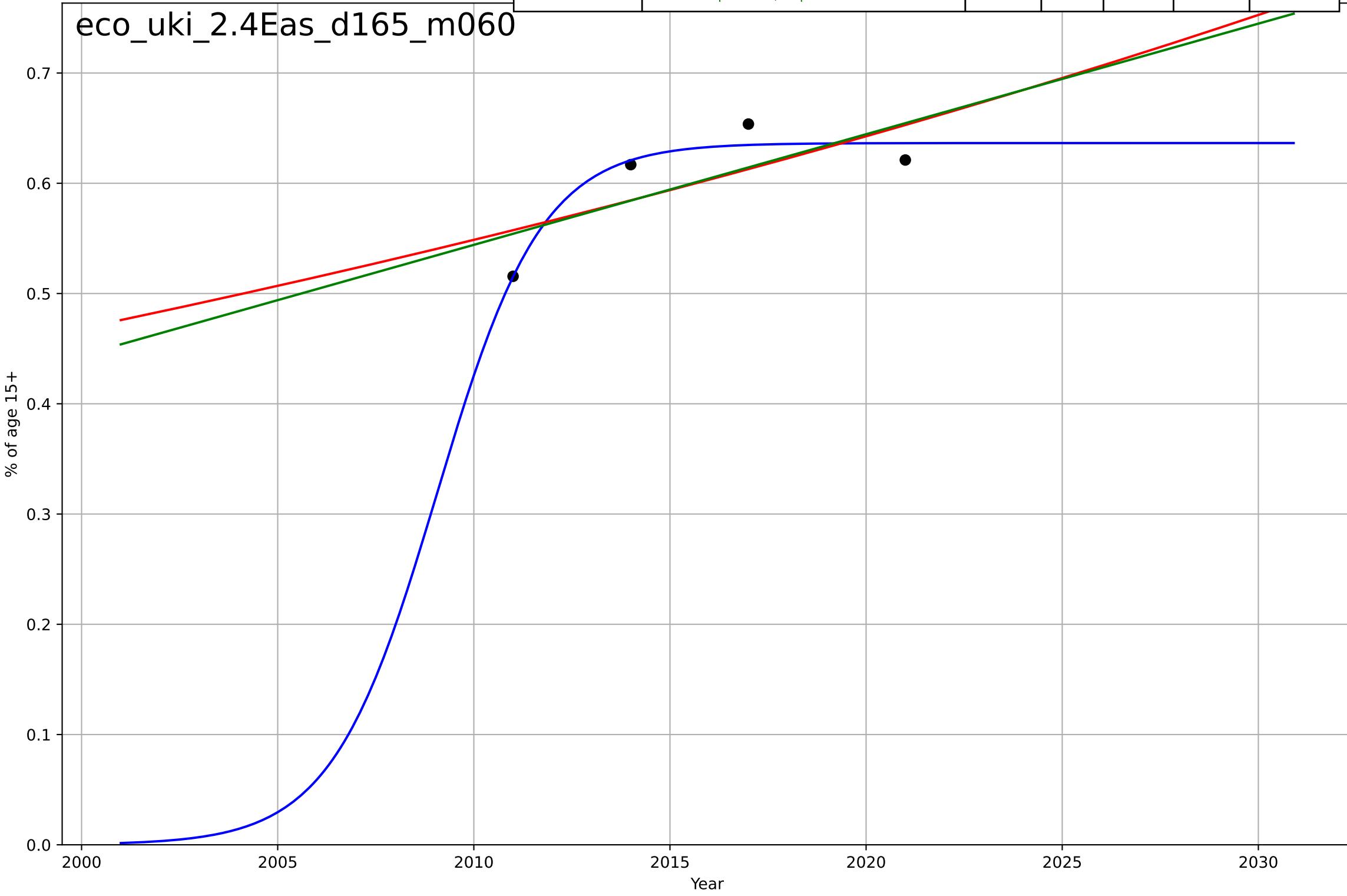
e-commerce  
UK  
2.4 Ease of Use  
Account in financial institution  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=4523, D_t=2.48e+03, K=84.6$	0.00177	0.223	-inf	0.0119	0.00979
Exponential	$1.56e+03 \cdot \exp(0.00107 \cdot (x - 157436))$	0.00107	-5.31e+03	-1.59e+04	0.981	0.981
Linear	intercept=-2.47, slope=0.00171	0.00171	0.222	-1.34	0.0119	0.0098



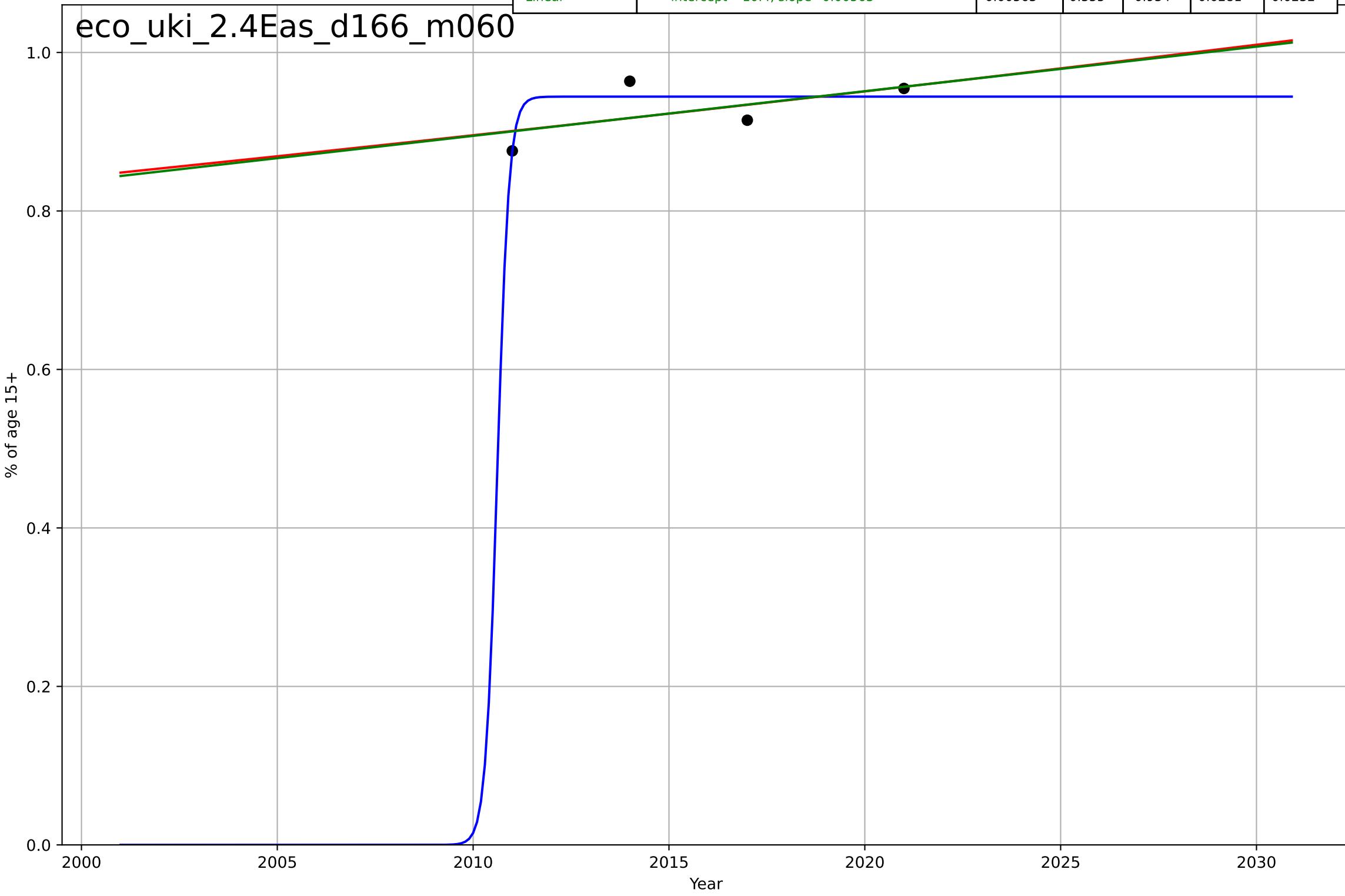
e-commerce  
UK  
2.4 Ease of Use  
Owns a credit card  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=5.9, K=0.636	0.745	0.943	-inf	0.0123	0.00962
Exponential	0.0495*exp(0.0158*(x-1858))	0.0158	0.489	-0.532	0.037	0.0367
Linear	intercept=-19.6, slope=0.01	0.01	0.514	-0.459	0.0361	0.036



e-commerce  
UK  
2.4 Ease of Use  
Owns a debit card  
% of age 15+

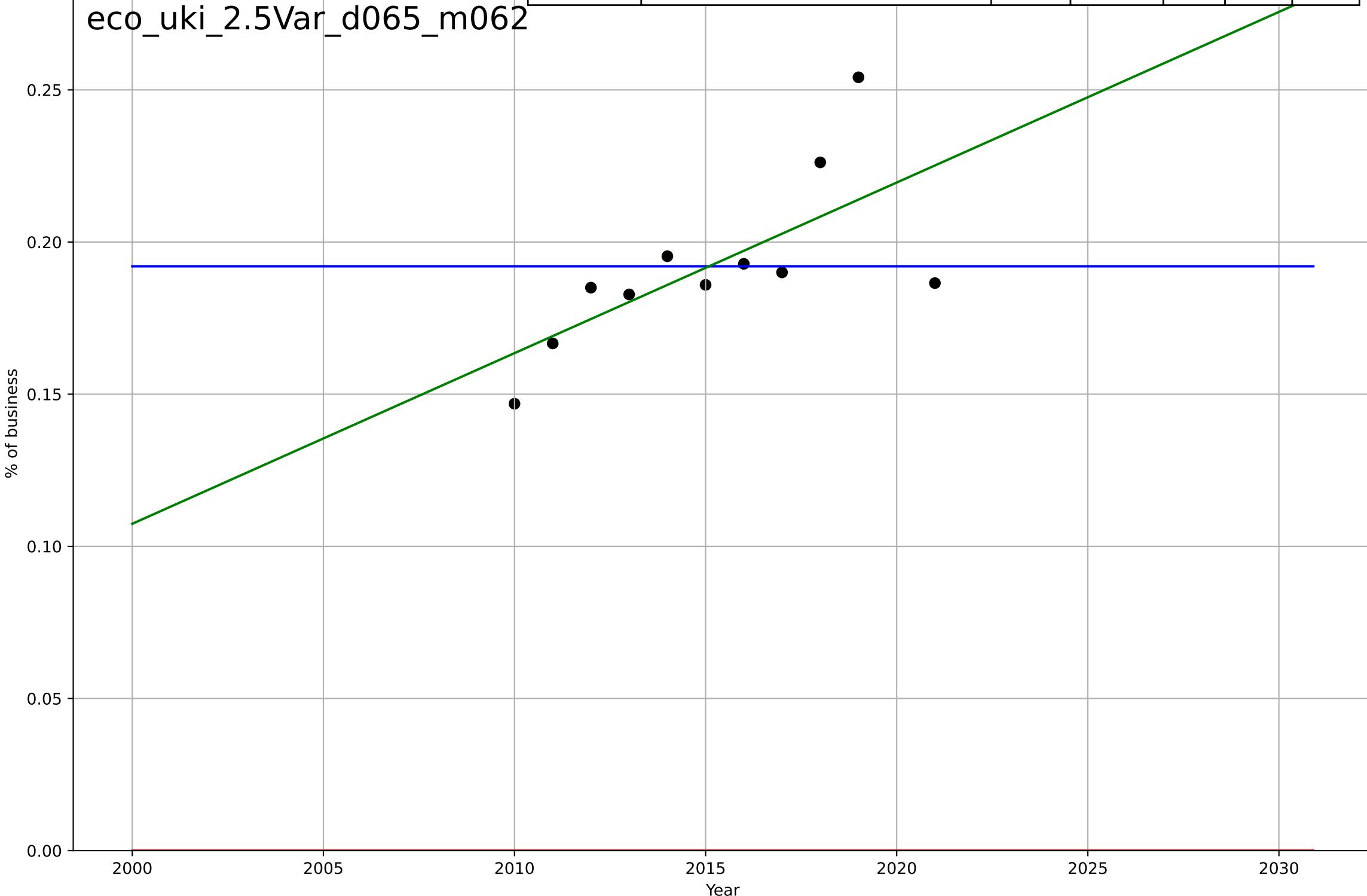
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=0.659, K=0.944	6.67	0.72	-inf	0.0185	0.0149
Exponential	3.53*exp(0.006*(x-2239))	0.006	0.352	-0.945	0.0281	0.0232
Linear	intercept=-10.4, slope=0.00563	0.00563	0.355	-0.934	0.0281	0.0232



e-commerce  
UK  
2.5 Variety (Choice Availability)  
Businesses receiving orders through the Internet  
% of business

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2438, Dt=-71.4, K=0.192	-0.0615	-1.06e-11	-0.429	0.0268	0.0183
Exponential	1.56e+03*exp(0.00151*(x-157486))	0.00151	-51.2	-64.2	0.194	0.192
Linear	intercept=-11.1, slope=0.00561	0.00561	0.48	0.35	0.0194	0.0146

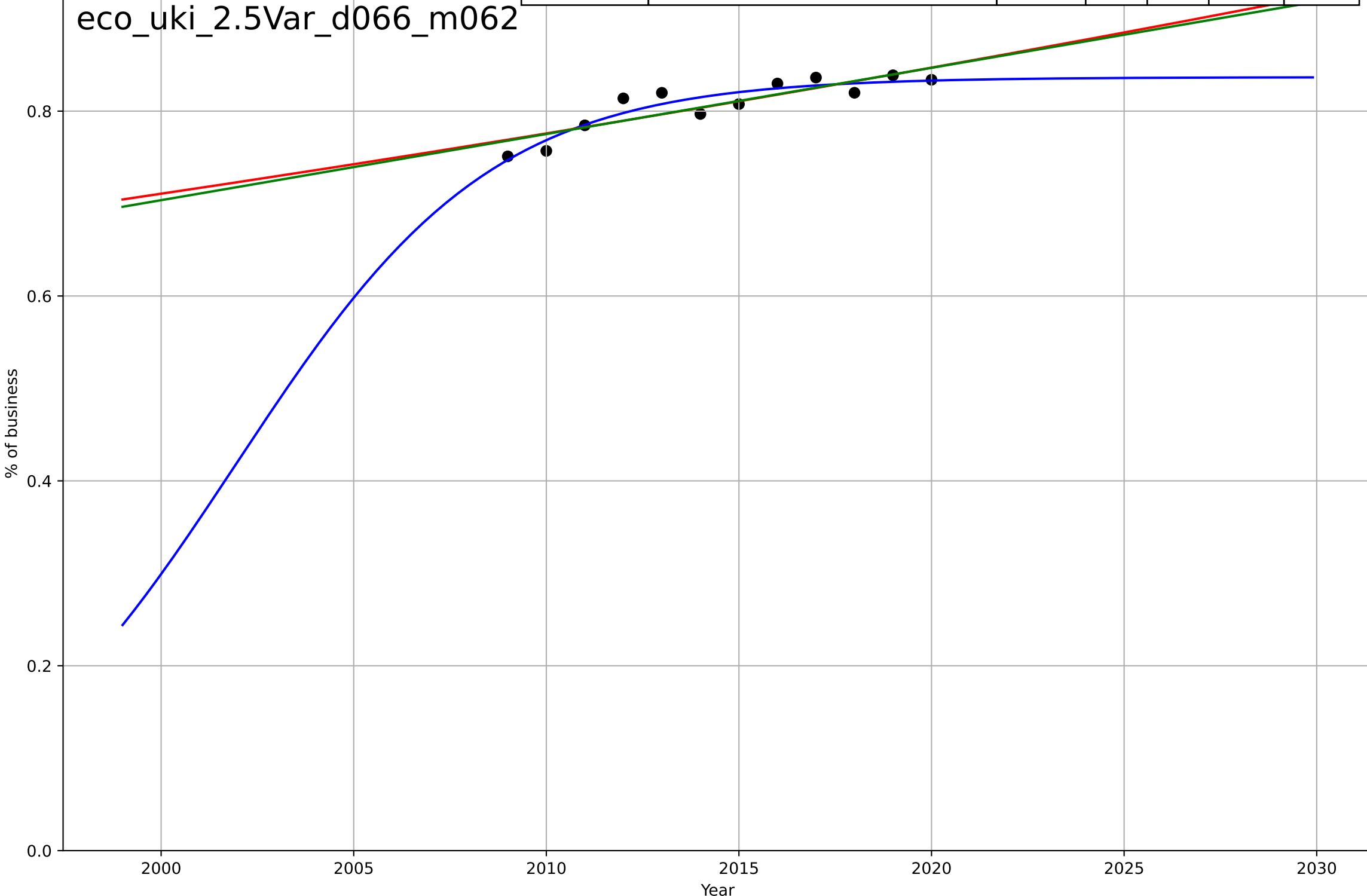
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e-commerce  
UK  
2.5 Variety (Choice Availability)  
Businesses with a web presence  
% of business

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2002, Dt=14.6, K=0.837	0.301	0.867	0.817	0.0104	0.0089
Exponential	0.112*exp(0.00878*(x-1790))	0.00878	0.747	0.69	0.0143	0.0121
Linear	intercept=-13.6, slope=0.00716	0.00716	0.754	0.699	0.0141	0.012

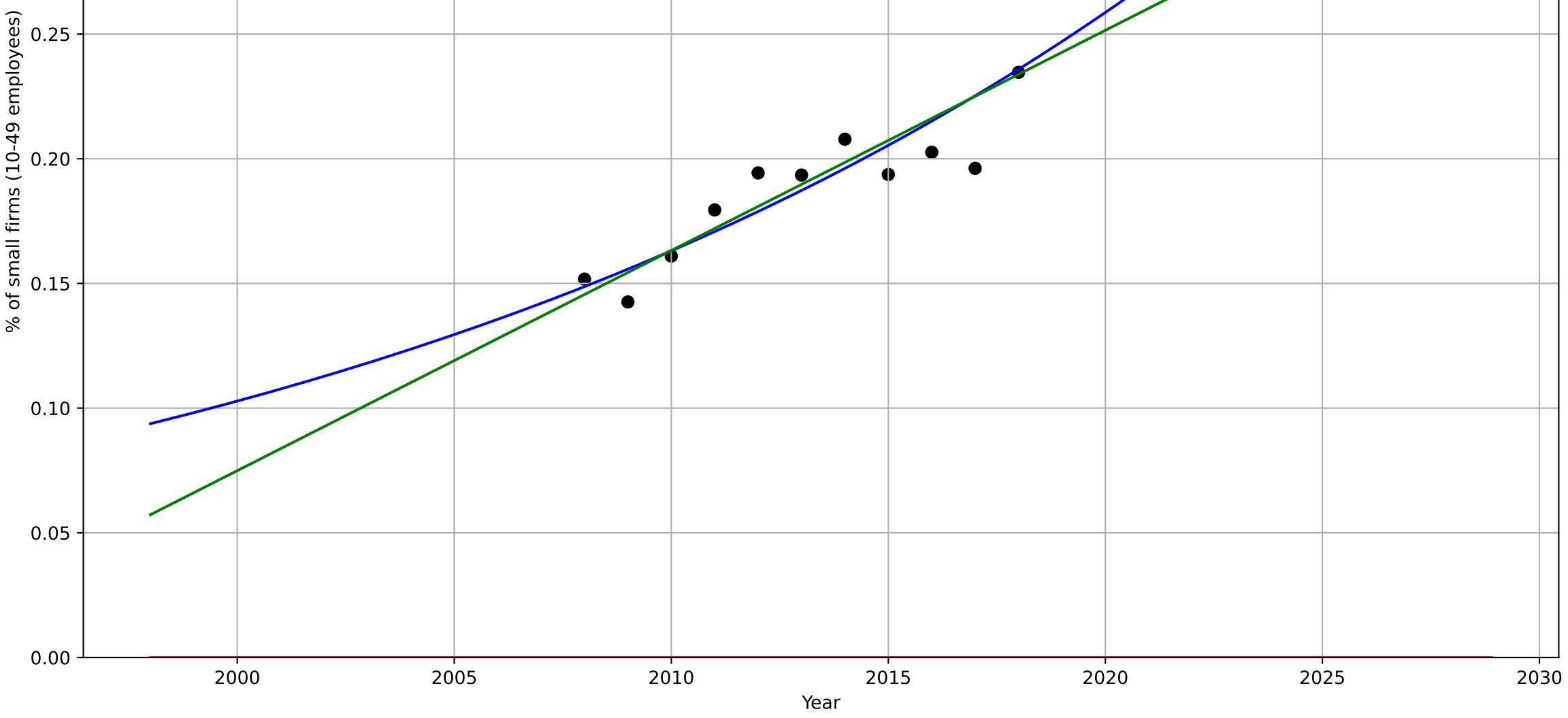
eco\_uki\_2.5Var\_d066\_m062



e-commerce  
UK  
2.5 Variety (Choice Availability)  
Small firms selling online  
% of small firms (10-49 employees)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2213, D_t=95.3, K=1.88e+03$	0.0461	0.822	0.756	0.0143	0.0116
Exponential	$1.56e+03 \cdot \exp(0.00181 \cdot (x-157492))$	0.00181	-32.9	-40.5	0.197	0.194
Linear	intercept=-17.6, slope=0.00883	0.00883	0.812	0.77	0.0147	0.0117

eco\_uki\_2.5Var\_d194\_m073



e-commerce

UK

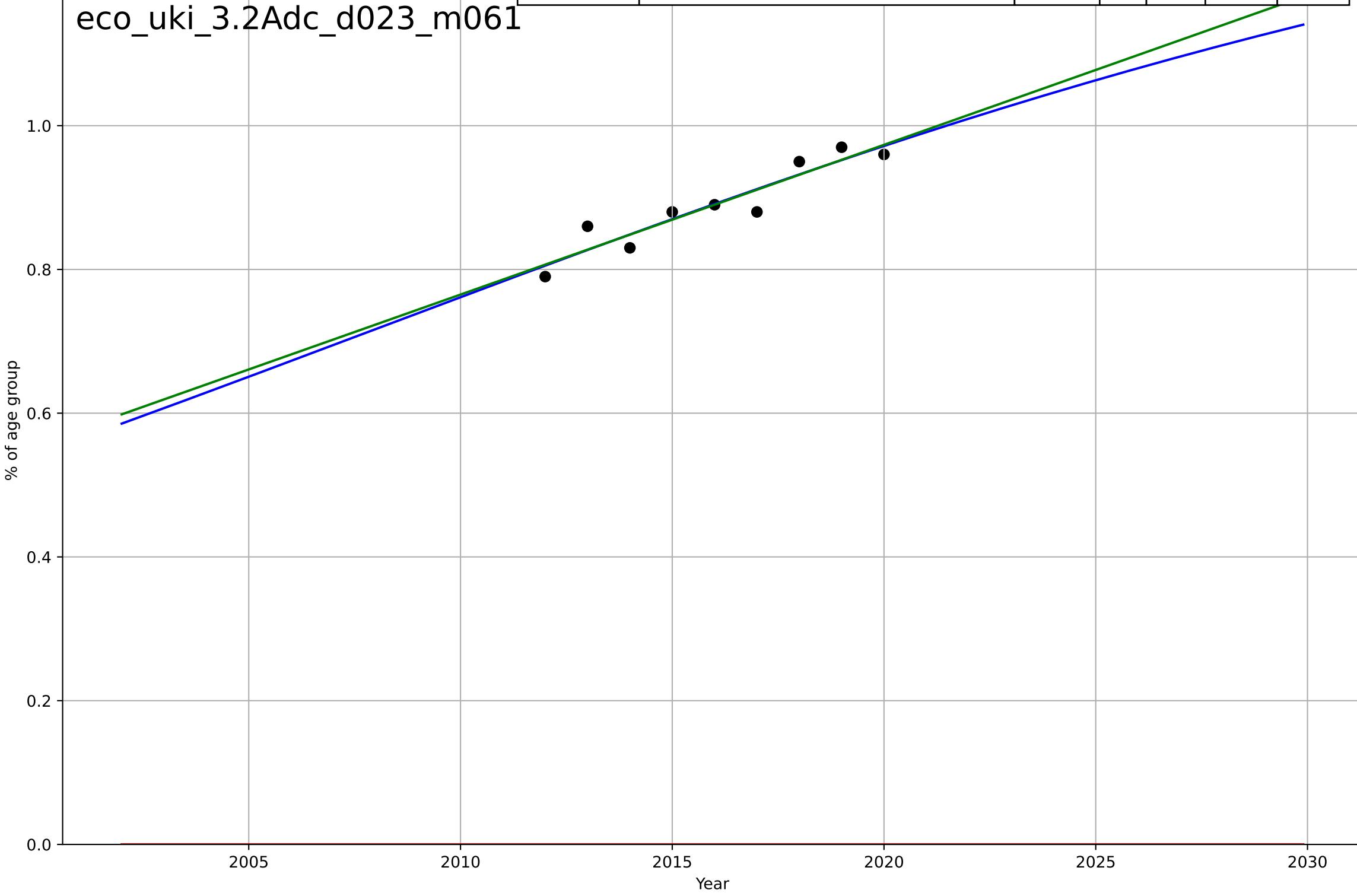
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=71.1, K=1.44	0.0618	0.88	0.808	0.0199	0.0175
Exponential	1.56e+03*exp(0.00287*(x-157500))	0.00287	-241	-321	0.892	0.89
Linear	intercept=-41.1, slope=0.0208	0.0208	0.88	0.84	0.0199	0.0176

eco\_uki\_3.2Adc\_d023\_m061



e-commerce

UK

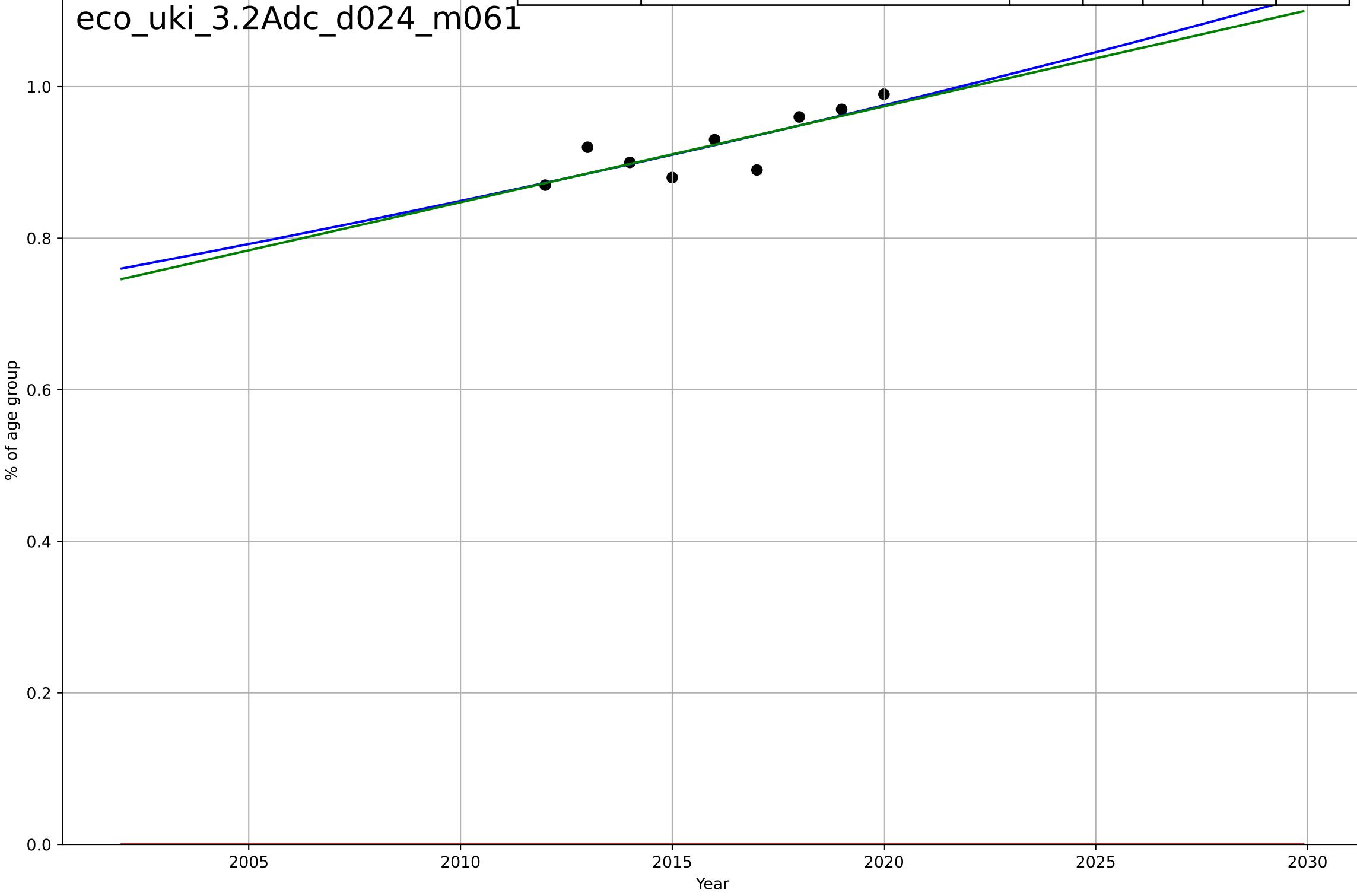
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2583, D_t=317, K=2.39e+03$	0.0139	0.675	0.481	0.0228	0.0175
Exponential	$1.56e+03 \cdot \exp(0.0021 \cdot (x - 157473))$	0.0021	-533	-711	0.924	0.923
Linear	intercept=-24.6, slope=0.0127	0.0127	0.669	0.558	0.023	0.0176

eco\_uki\_3.2Adc\_d024\_m061



e-commerce

UK

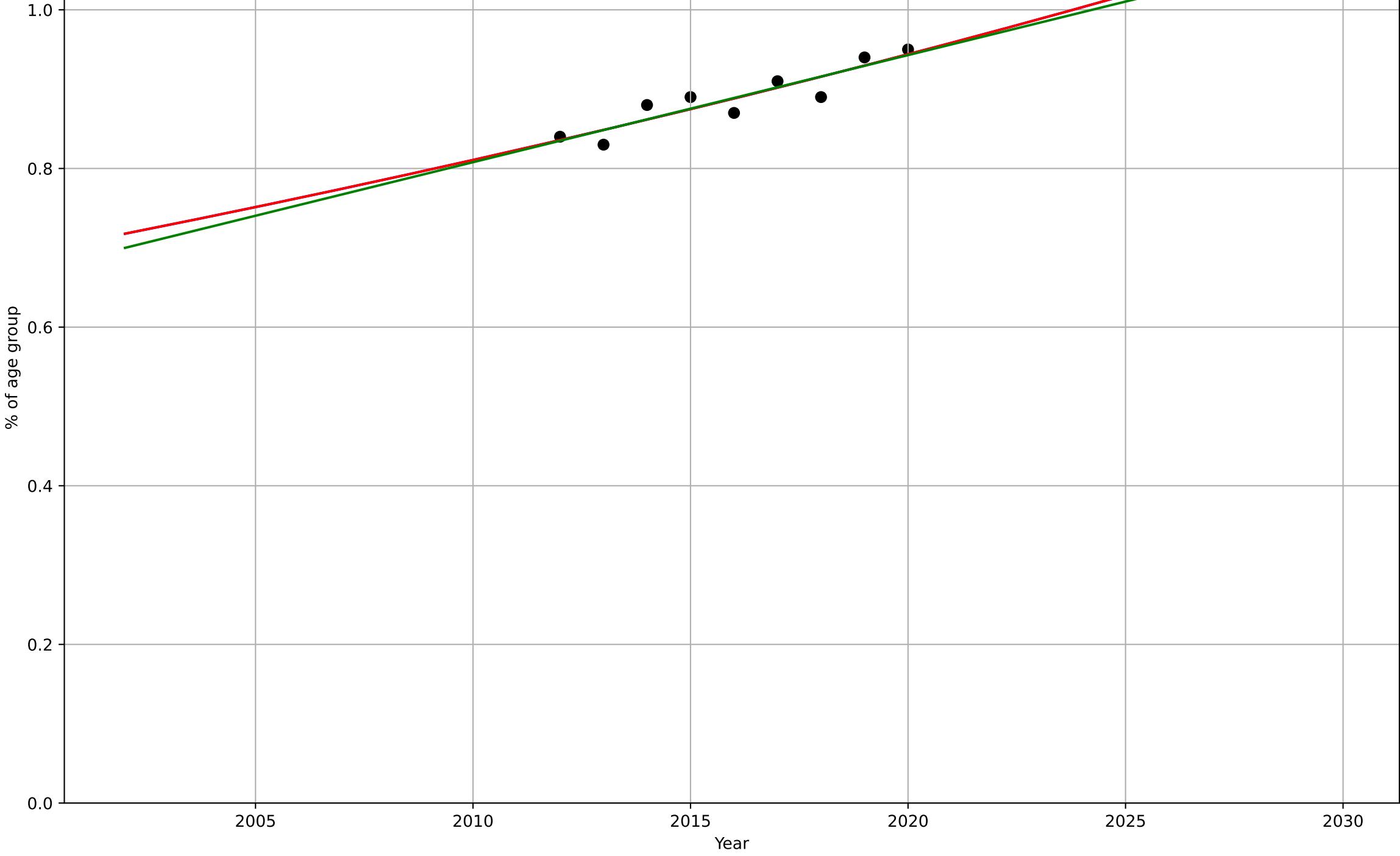
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2458, Dt=288, K=742	0.0152	0.837	0.739	0.0154	0.0139
Exponential	0.0711*exp(0.0152*(x-1850))	0.0152	0.837	0.783	0.0154	0.0139
Linear	intercept=-26.3, slope=0.0135	0.0135	0.835	0.781	0.0155	0.014

eco\_uki\_3.2Adc\_d025\_m061



e-commerce

UK

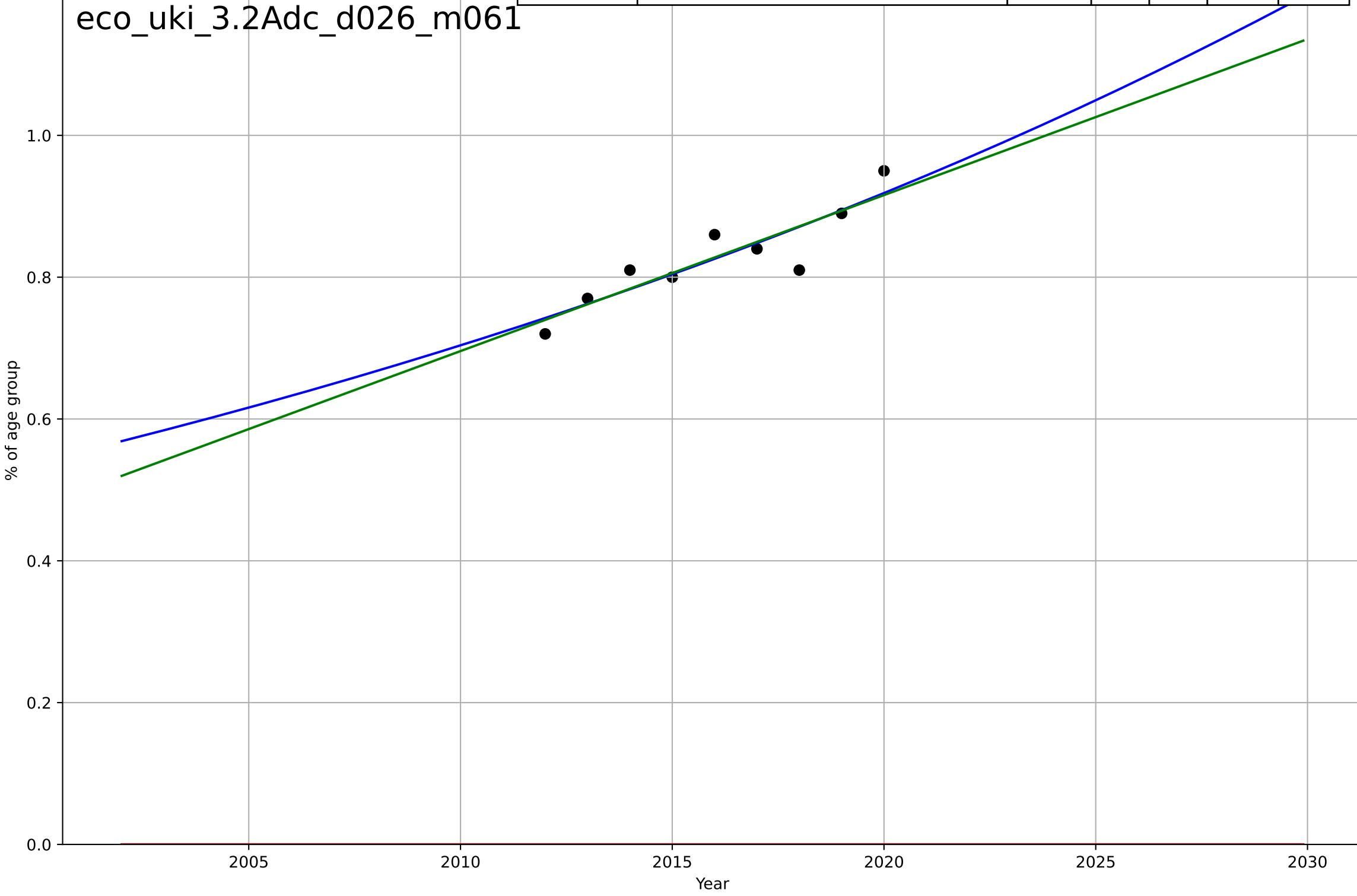
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2283, Dt=165, K=1.02e+03	0.0267	0.8	0.68	0.0284	0.0222
Exponential	1.56e+03*exp(0.00298*(x-157507))	0.00298	-170	-227	0.83	0.828
Linear	intercept=-43.5, slope=0.022	0.022	0.799	0.732	0.0285	0.0224

eco\_uki\_3.2Adc\_d026\_m061



e-commerce

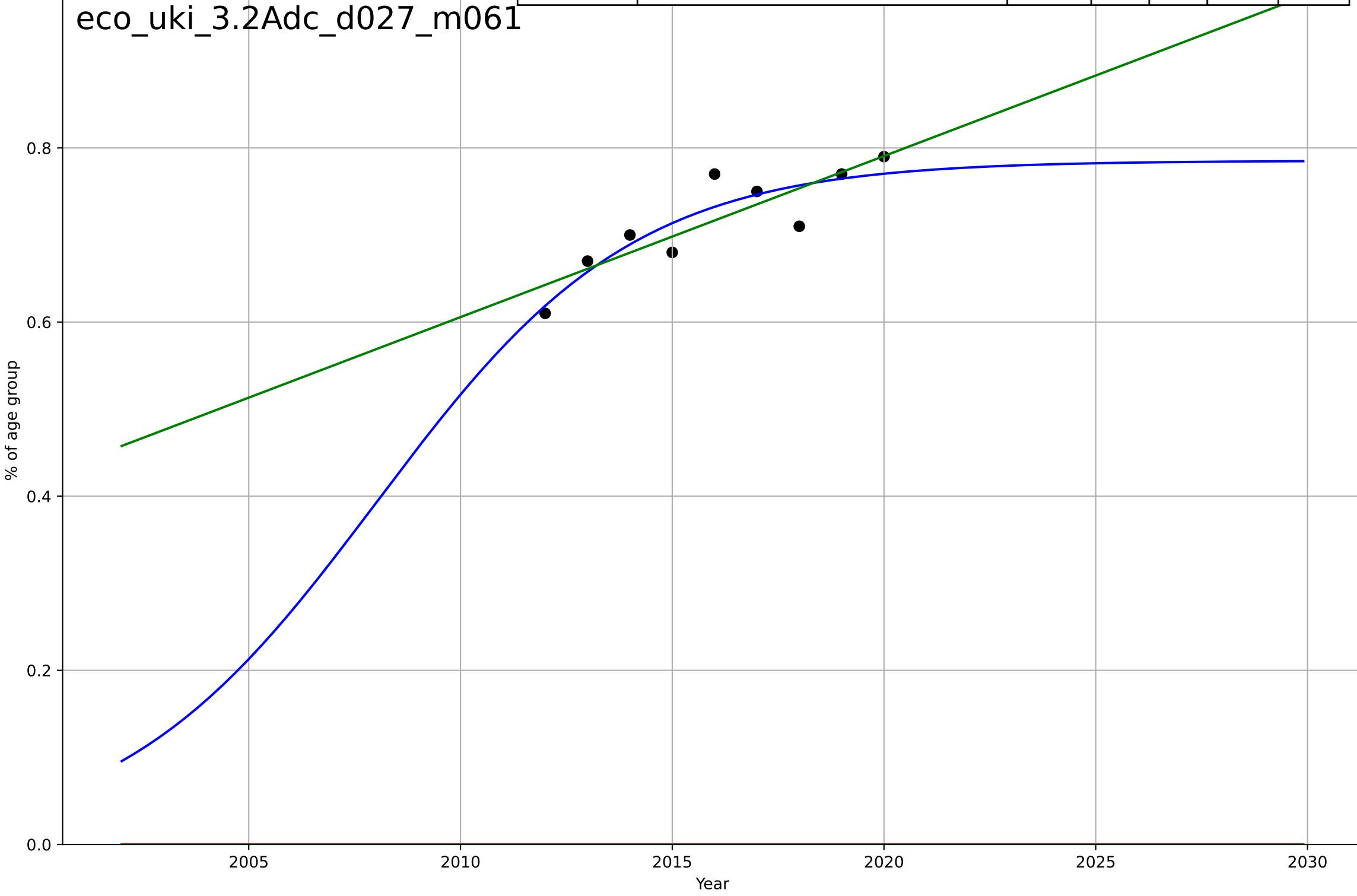
UK

### 3.2 Adopter characteristics

% of individuals who made purchases online by  
% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=13.4, K=0.785	0.329	0.798	0.678	0.0248	0.0198
Exponential	1.56e+03*exp(0.00266*(x-157501))	0.00266	-169	-225	0.719	0.717
Linear	intercept=-36.6, slope=0.0185	0.0185	0.749	0.666	0.0276	0.0216

eco\_uki\_3.2Adc\_d027\_m061



e-commerce

UK

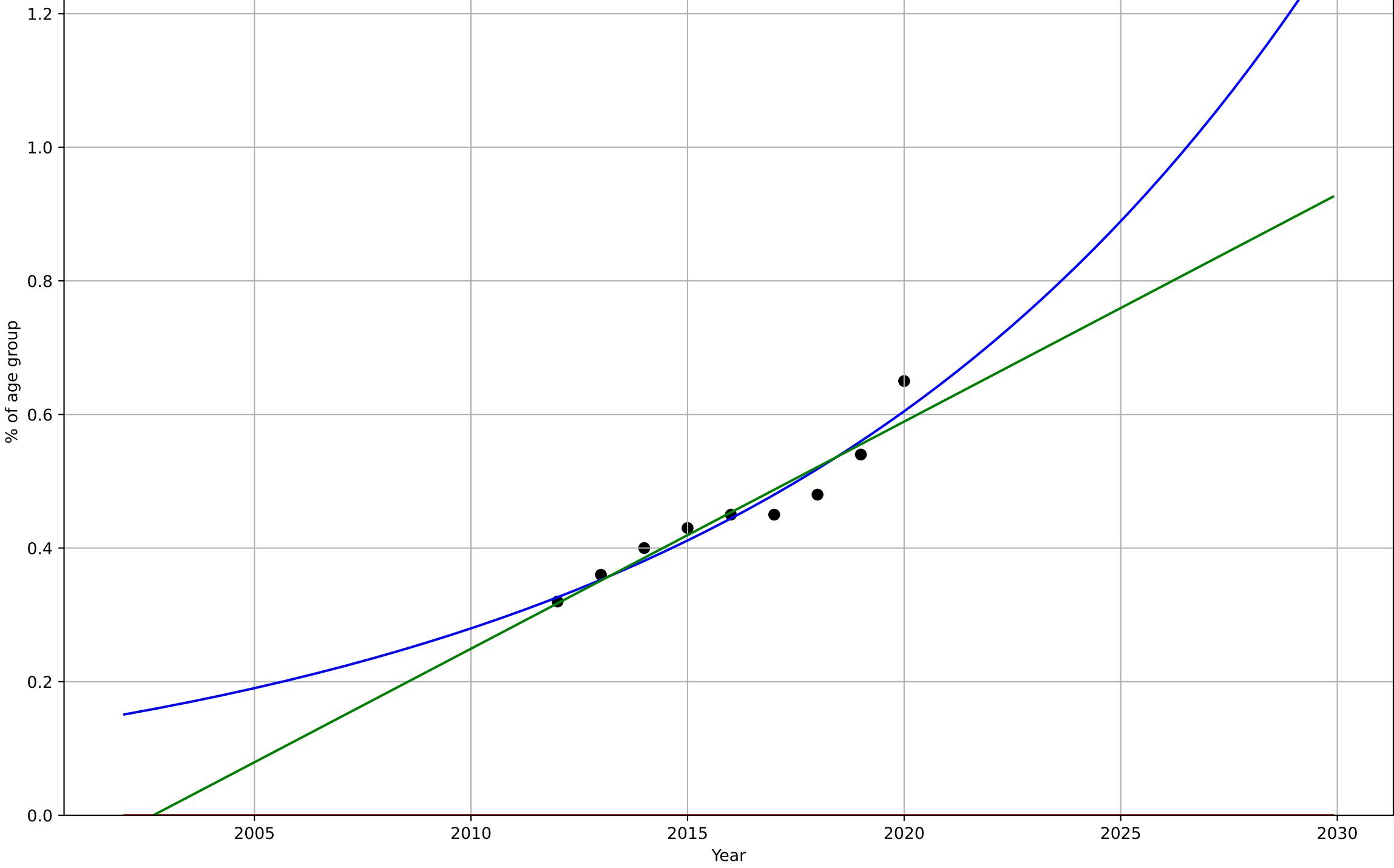
### 3.2 Adopter characteristics

% of individuals who made purchases online by

% of age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2158, D_t=57, K=2.49e+04$	0.0771	0.926	0.882	0.0251	0.0212
Exponential	$1.55e+03 \cdot \exp(0.00414 \cdot (x-157563))$	0.00414	-24.1	-32.4	0.463	0.453
Linear	intercept=-68.1, slope=0.034	0.034	0.903	0.871	0.0288	0.0216

eco\_uki\_3.2Adc\_d028\_m061



e-commerce

UK

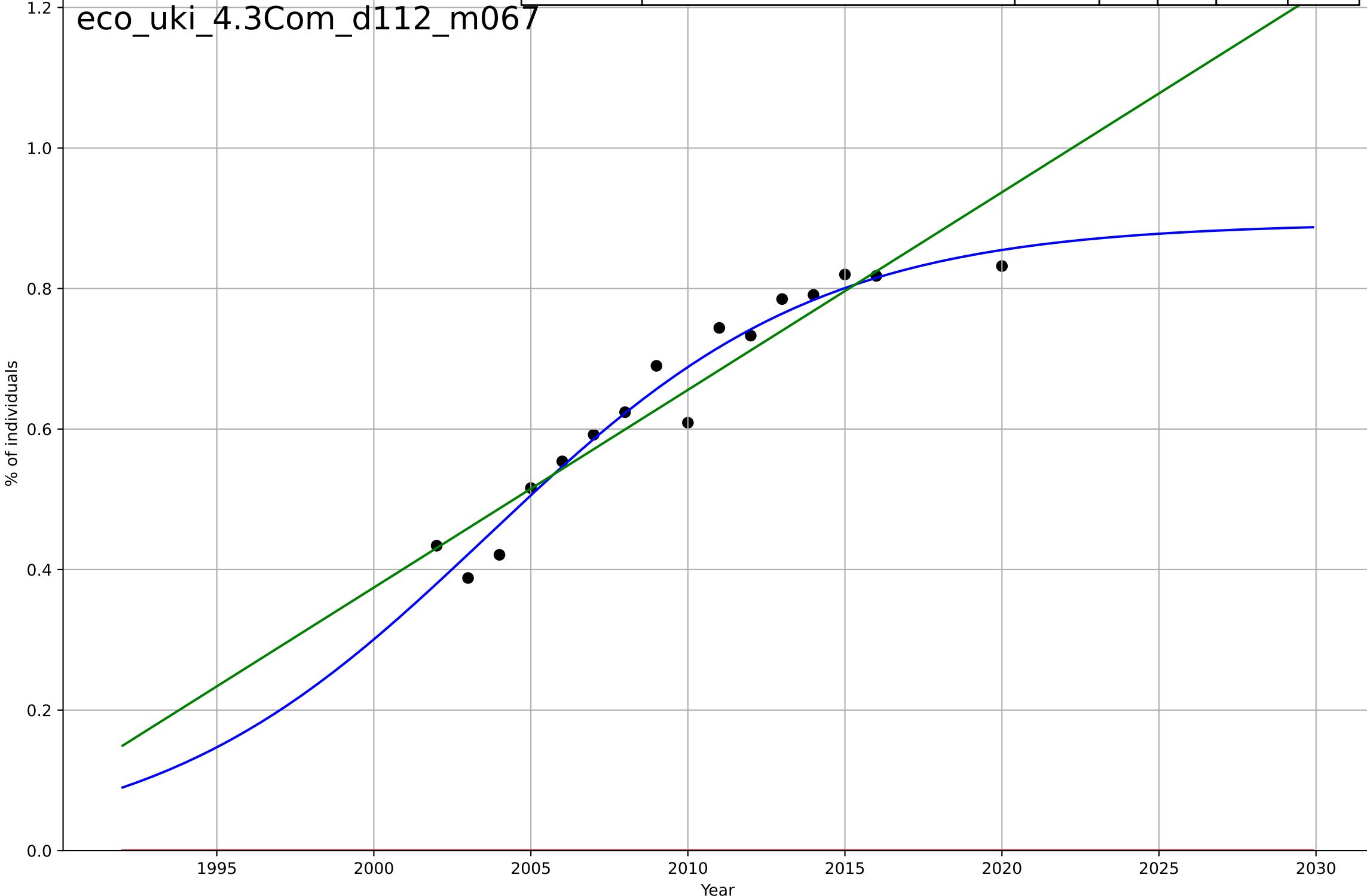
4.3 Compatibility

Individuals using the Internet to purchase goods

% of individuals

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2004, D_t=23.3, K=0.893$	0.189	0.955	0.943	0.0313	0.0236
Exponential	$1.55e+03 \cdot \exp(0.00358 \cdot (x-157514))$	0.00358	-19.3	-22.5	0.663	0.647
Linear	intercept=-55.9, slope=0.0281	0.0281	0.899	0.884	0.0467	0.0369

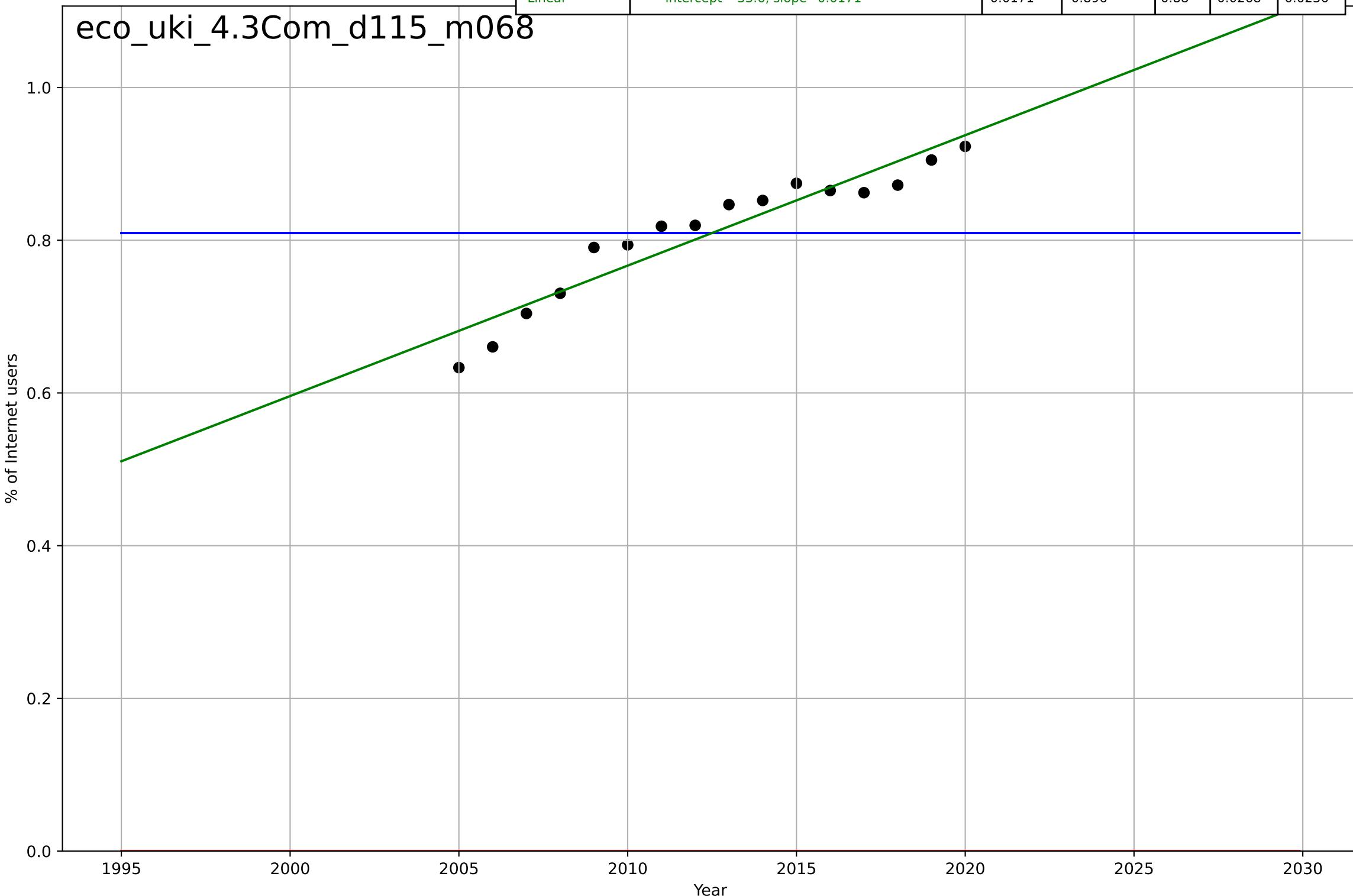
eco\_uki\_4.3Com\_d112\_m067



e-commerce  
UK  
4.3 Compatibility  
Internet users buying online  
% of Internet users

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2391, D_t=-46.3, K=0.809$	-0.0949	-9.21e-10	-0.25	0.0832	0.068
Exponential	$1.56e+03 \cdot \exp(0.00253 \cdot (x - 157483))$	0.00253	-94.7	-109	0.814	0.809
Linear	intercept=-33.6, slope=0.0171	0.0171	0.896	0.88	0.0268	0.0236

eco\_uki\_4.3Com\_d115\_m068



e-commerce

UK

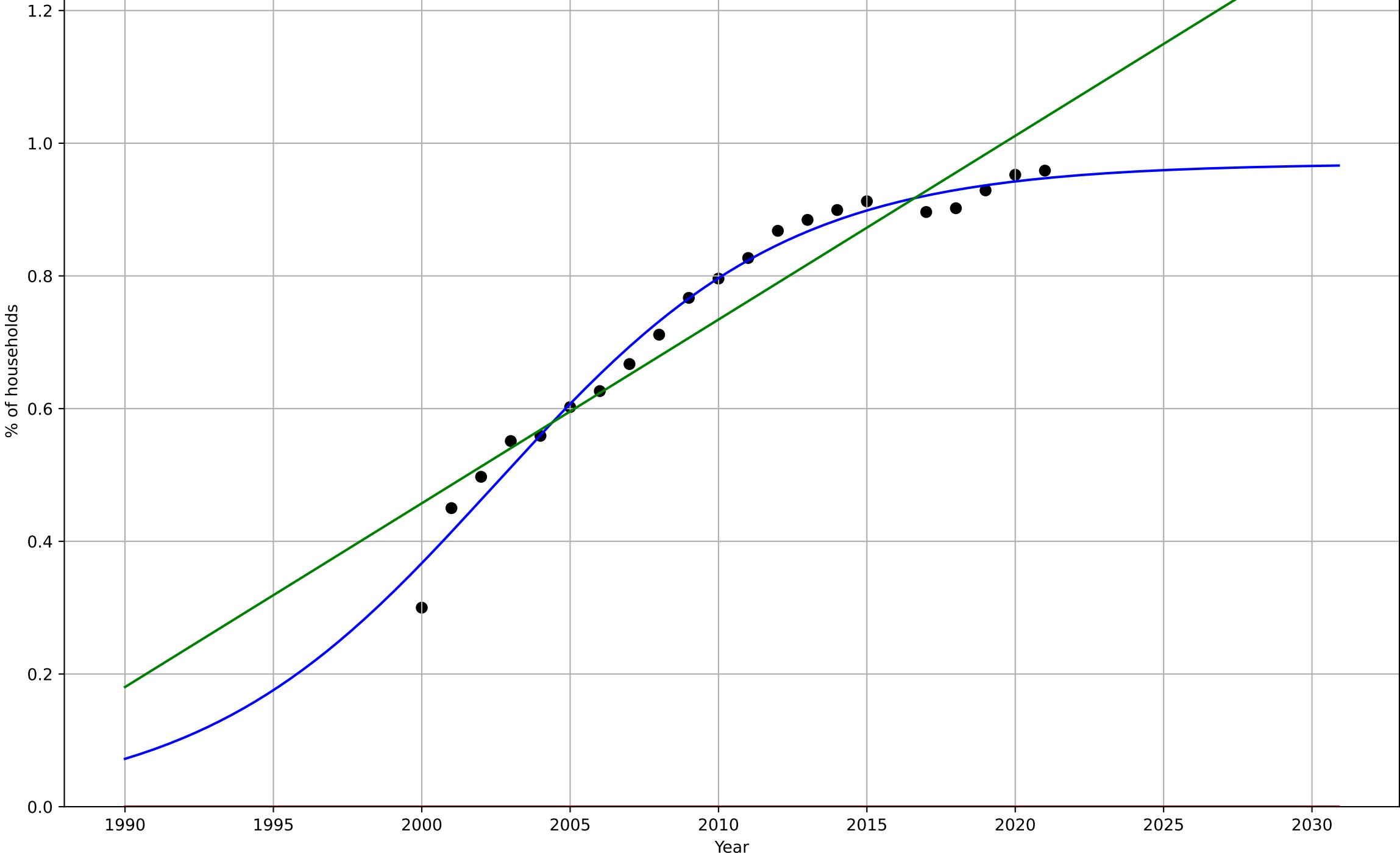
4.5 Infrastructure dependence

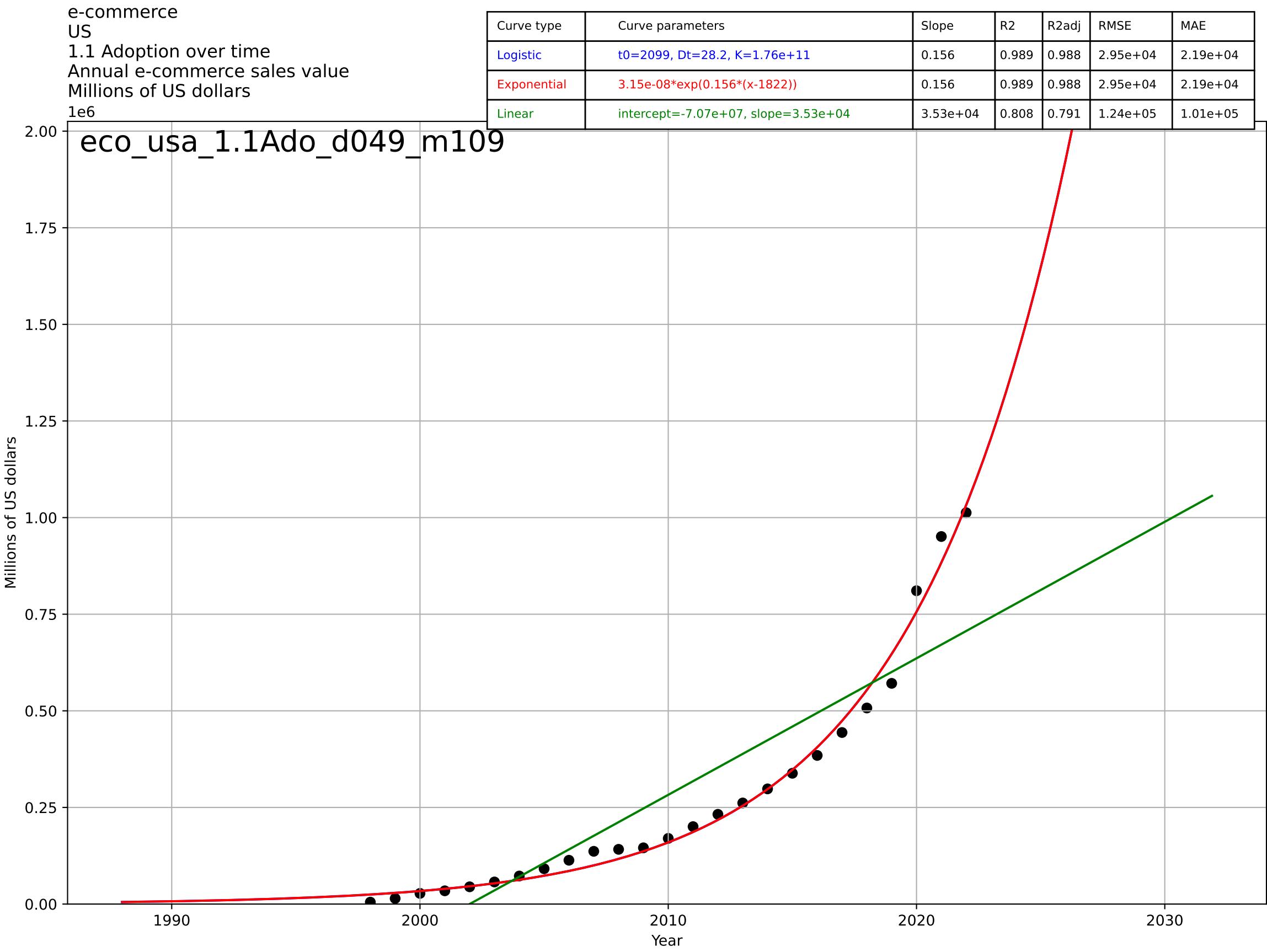
Proportion of households with Internet access e

% of households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2002, Dt=21.7, K=0.969	0.202	0.982	0.979	0.025	0.0195
Exponential	1.55e+03*exp(0.00353*(x-157510))	0.00353	-15.9	-17.7	0.764	0.741
Linear	intercept=-54.9, slope=0.0277	0.0277	0.902	0.891	0.0583	0.0472

eco\_uki\_4.5Inf\_d179\_m066





e-commerce

US

### 1.1 Adoption over time

Internet sales as a percentage of total retail sales  
% of total retail

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2026, D_t=33.2, K=0.407$	0.132	0.983	0.98	0.00598	0.00411
Exponential	$1.56e+03 \cdot \exp(0.00159 \cdot (x-157487))$	0.00159	-1.99	-2.27	0.0784	0.0639
Linear	intercept=-12.6, slope=0.00628	0.00628	0.919	0.911	0.0129	0.0112

eco\_usa\_1.1Ado\_d114\_m074

% of total retail

1990

2000

2010

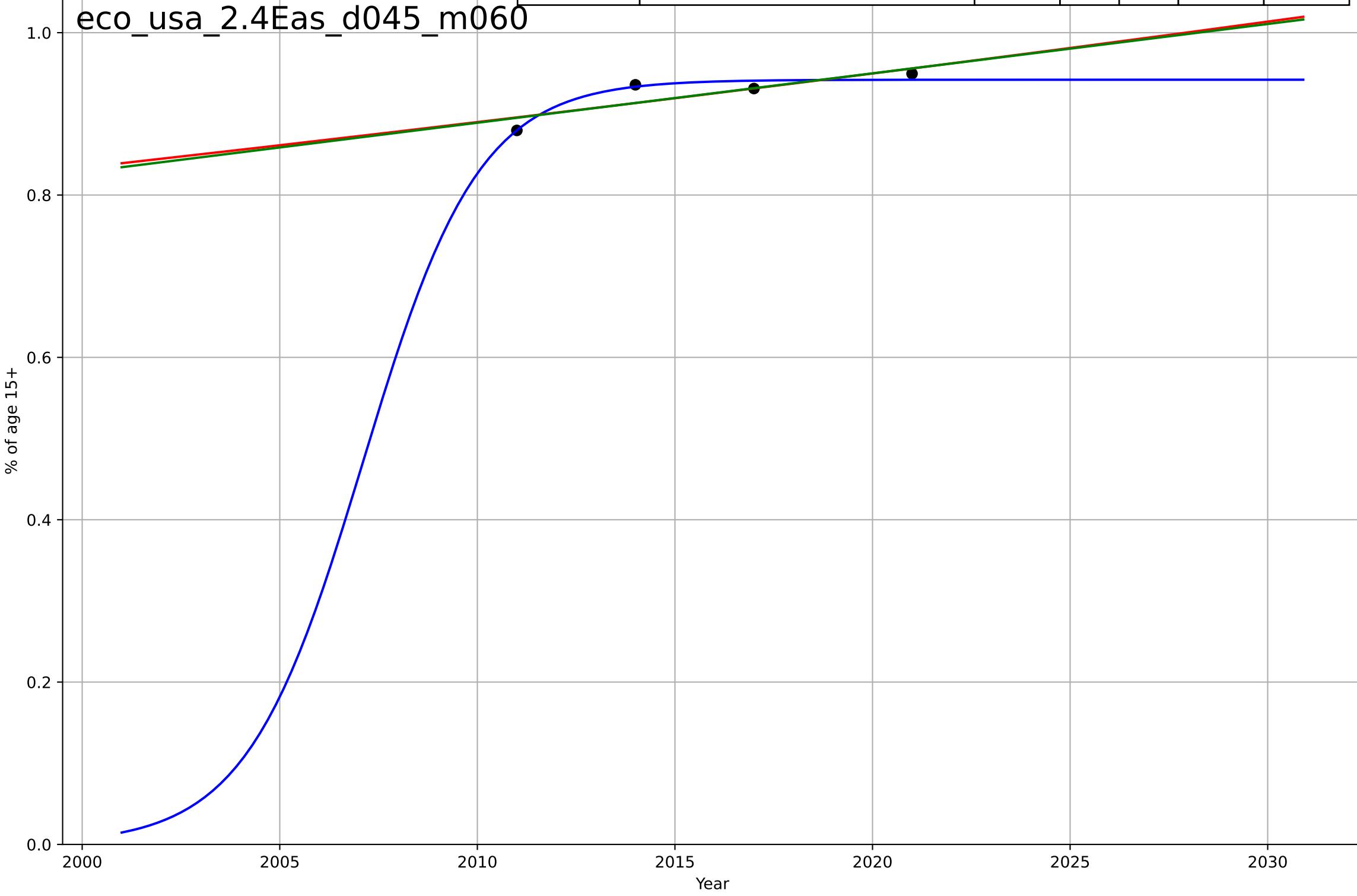
2020

2030

Year

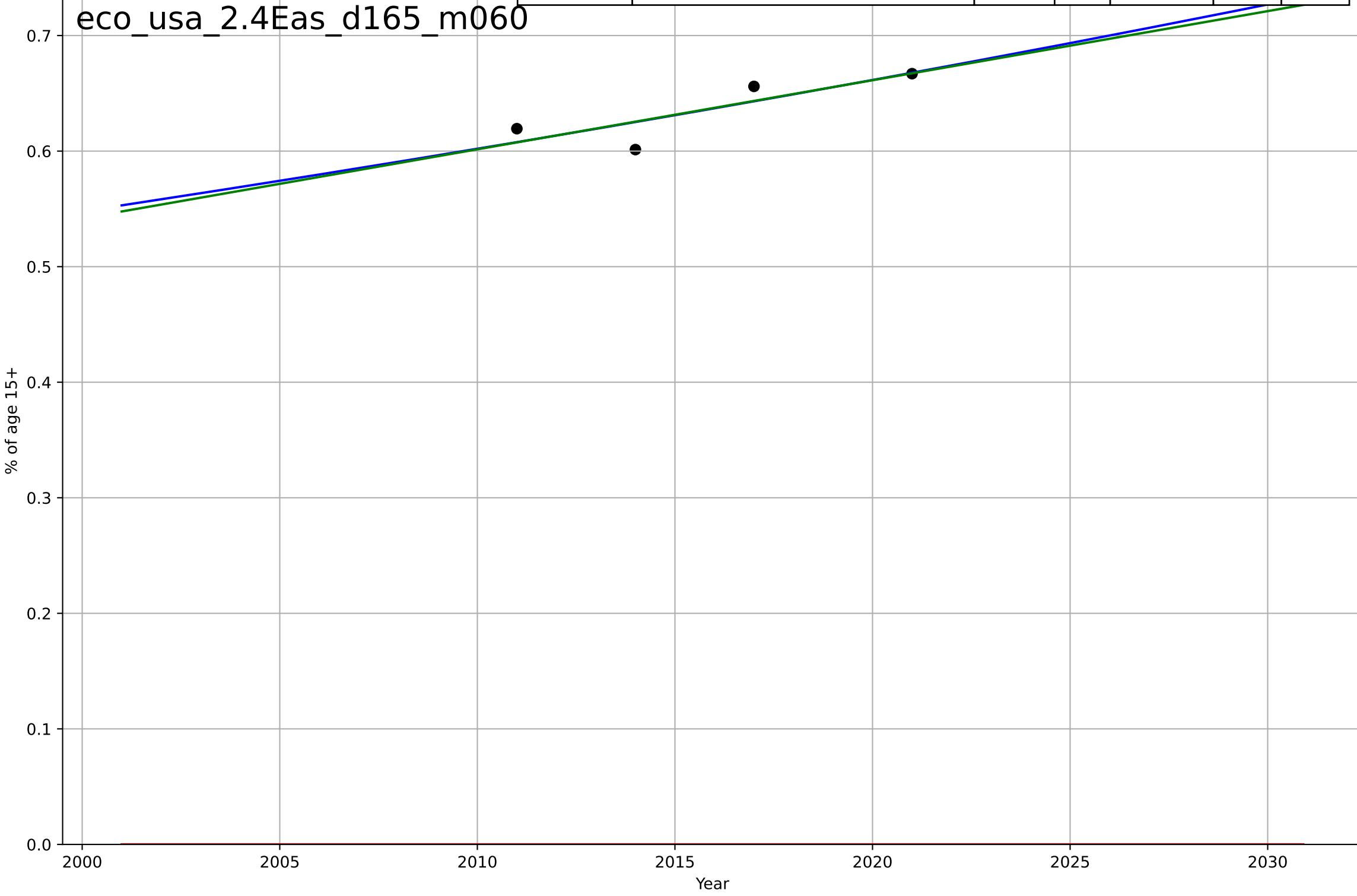
e-commerce  
US  
2.4 Ease of Use  
Account in financial institution  
% of age 15+

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2007, Dt=6.46, K=0.942	0.68	0.944	-inf	0.00626	0.00494
Exponential	0.164*exp(0.00651*(x-1750))	0.00651	0.714	0.142	0.0142	0.0113
Linear	intercept=-11.3, slope=0.00608	0.00608	0.721	0.162	0.014	0.0112



e-commerce  
US  
2.4 Ease of Use  
Owns a credit card  
% of age 15+

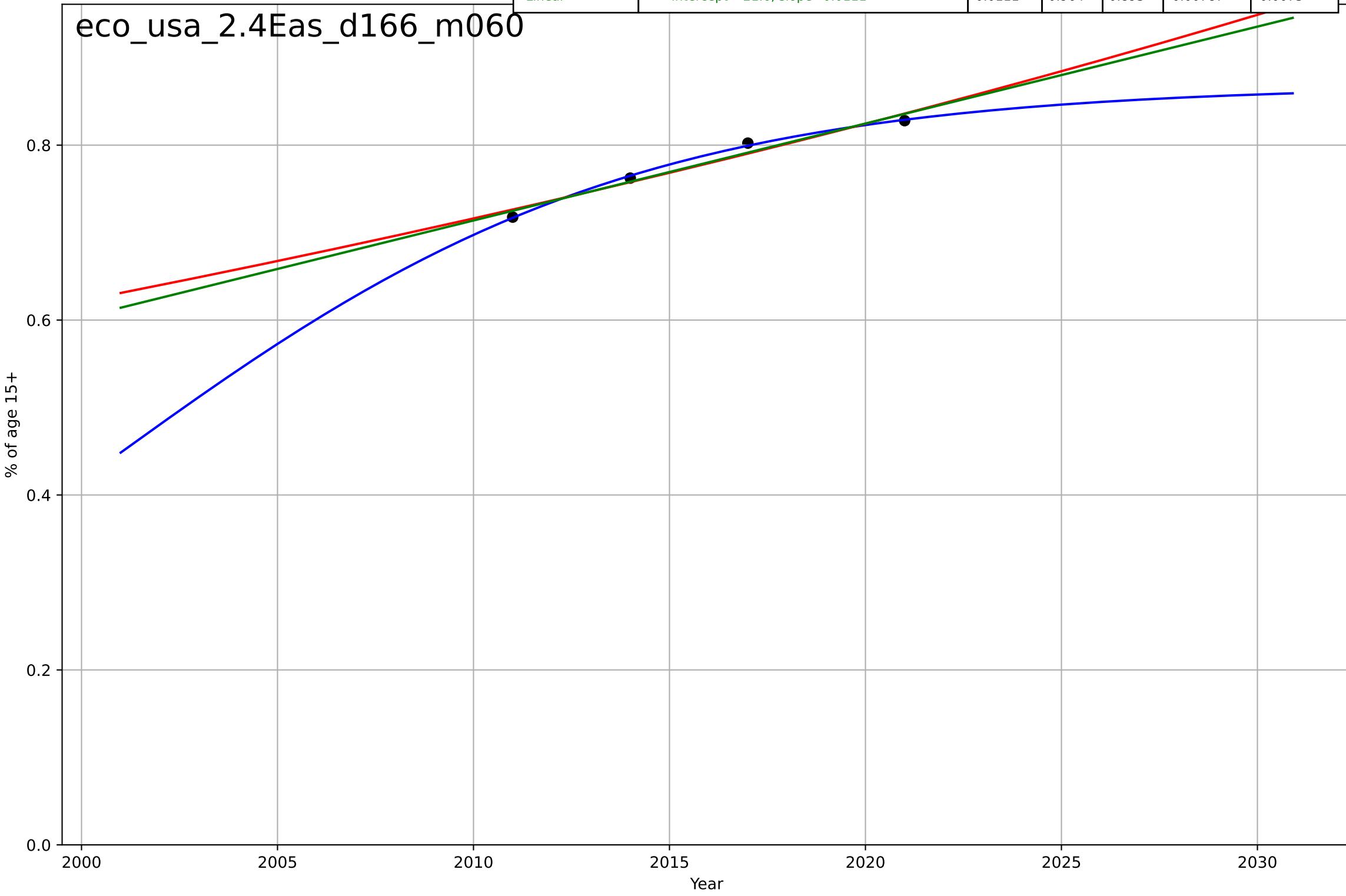
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2730, D_t=466, K=538$	0.00944	0.693	-inf	0.0148	0.0123
Exponential	$1.56e+03 \cdot \exp(0.0015 \cdot (x - 157466))$	0.0015	-569	-1.71e+03	0.636	0.636
Linear	intercept=-11.4, slope=0.00598	0.00598	0.689	0.0667	0.0149	0.0122



e-commerce  
US  
2.4 Ease of Use  
Owns a debit card  
% of age 15+

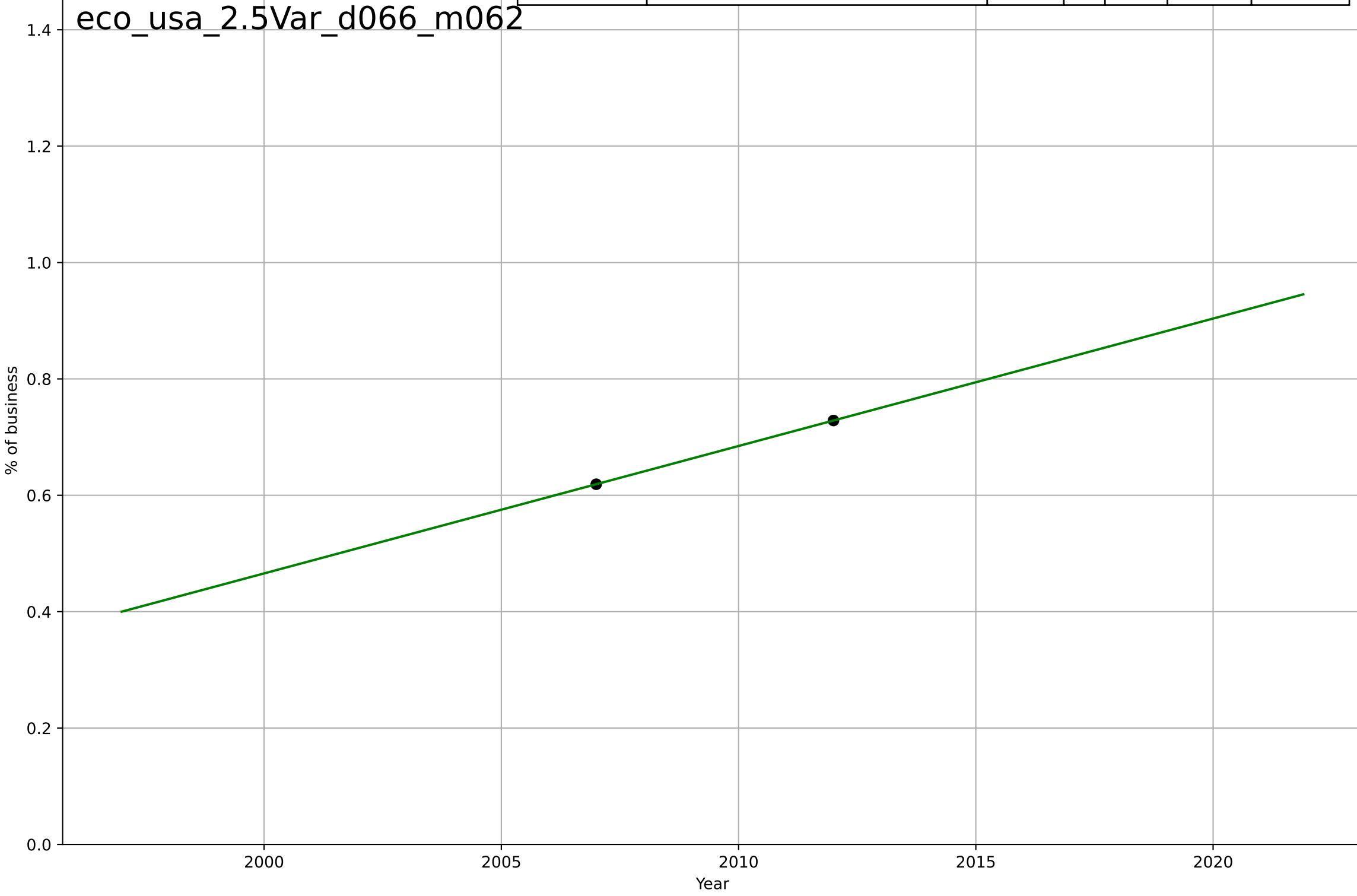
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2001, D_t=29.5, K=0.869$	0.149	0.997	-inf	0.00211	0.00187
Exponential	$0.0607 \cdot \exp(0.0141 \cdot (x-1835))$	0.0141	0.956	0.869	0.00873	0.00834
Linear	intercept=-21.6, slope=0.0111	0.0111	0.964	0.893	0.00787	0.0075

eco\_usa\_2.4Eas\_d166\_m060



e-commerce  
US  
2.5 Variety (Choice Availability)  
Businesses with a web presence  
% of business

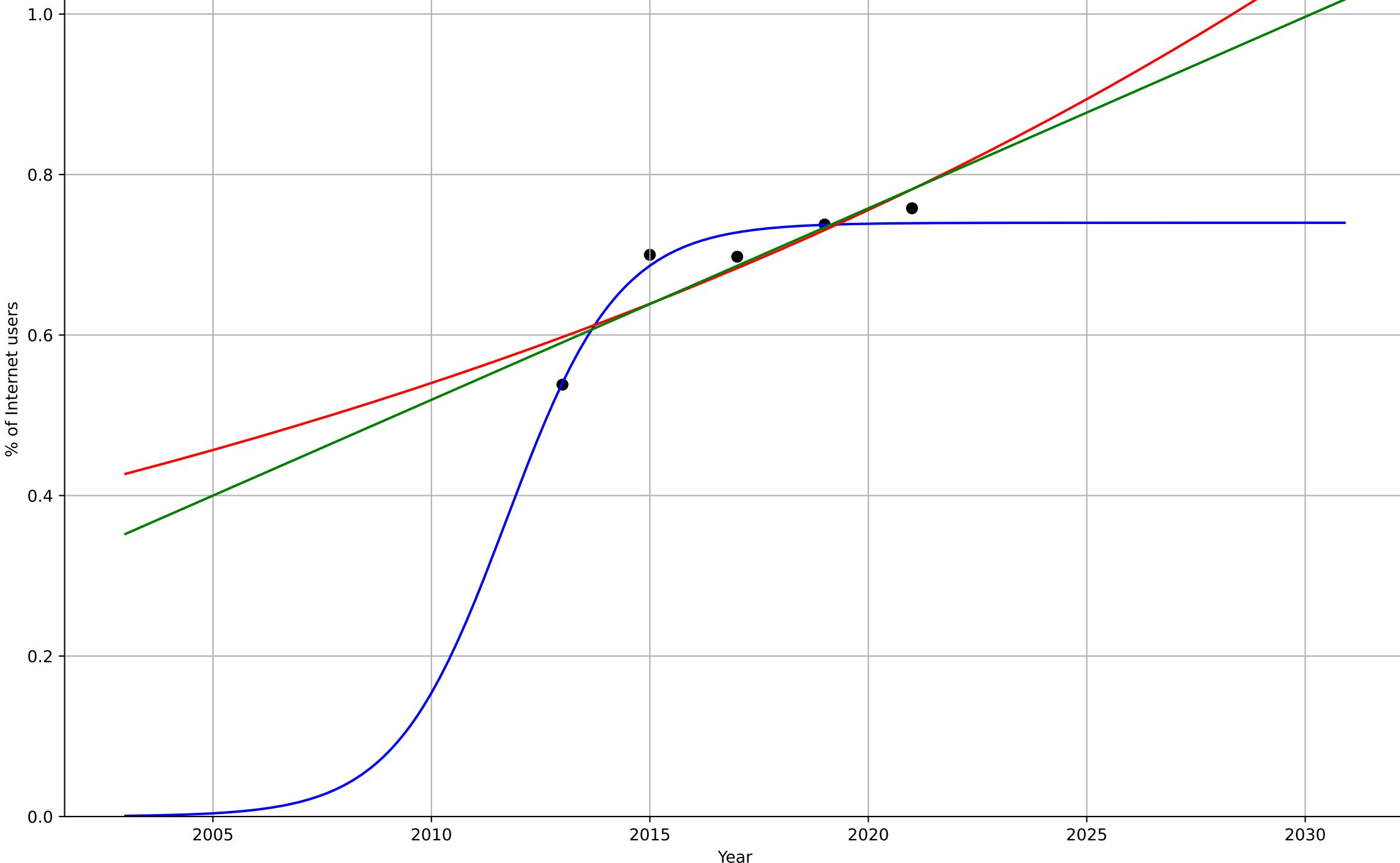
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-43.3, slope=0.0219	0.0219	1	1	2.2e-15	1.67e-15



e-commerce  
US  
4.3 Compatibility  
Internet users buying online  
% of Internet users

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=5.65, K=0.74$	0.778	0.951	0.806	0.0171	0.013
Exponential	$1.04 \cdot \exp(0.0336 \cdot (x-2030))$	0.0336	0.732	0.464	0.0401	0.033
Linear	intercept=-47.4, slope=0.0239	0.0239	0.759	0.517	0.0381	0.0306

eco\_usa\_4.3Com\_d115\_m068



e-commerce

US

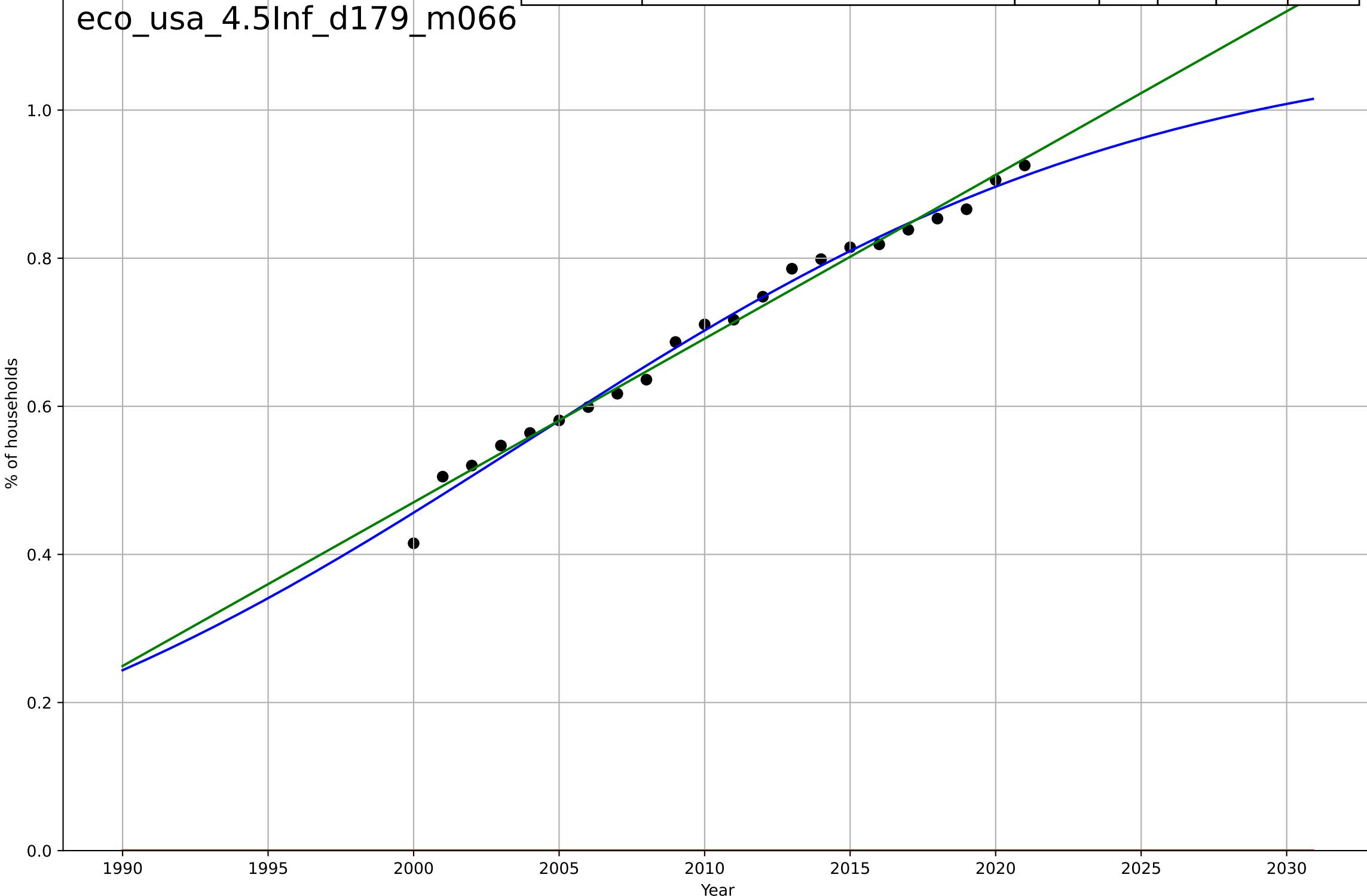
4.5 Infrastructure dependence

Proportion of households with Internet access e

% of households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=48.1, K=1.1	0.0913	0.989	0.987	0.0148	0.0121
Exponential	1.55e+03*exp(0.00301*(x-157497))	0.00301	-24.7	-27.4	0.716	0.702
Linear	intercept=-43.7, slope=0.0221	0.0221	0.985	0.983	0.0175	0.0133

eco\_usa\_4.5Inf\_d179\_m066



e-government

Estonia

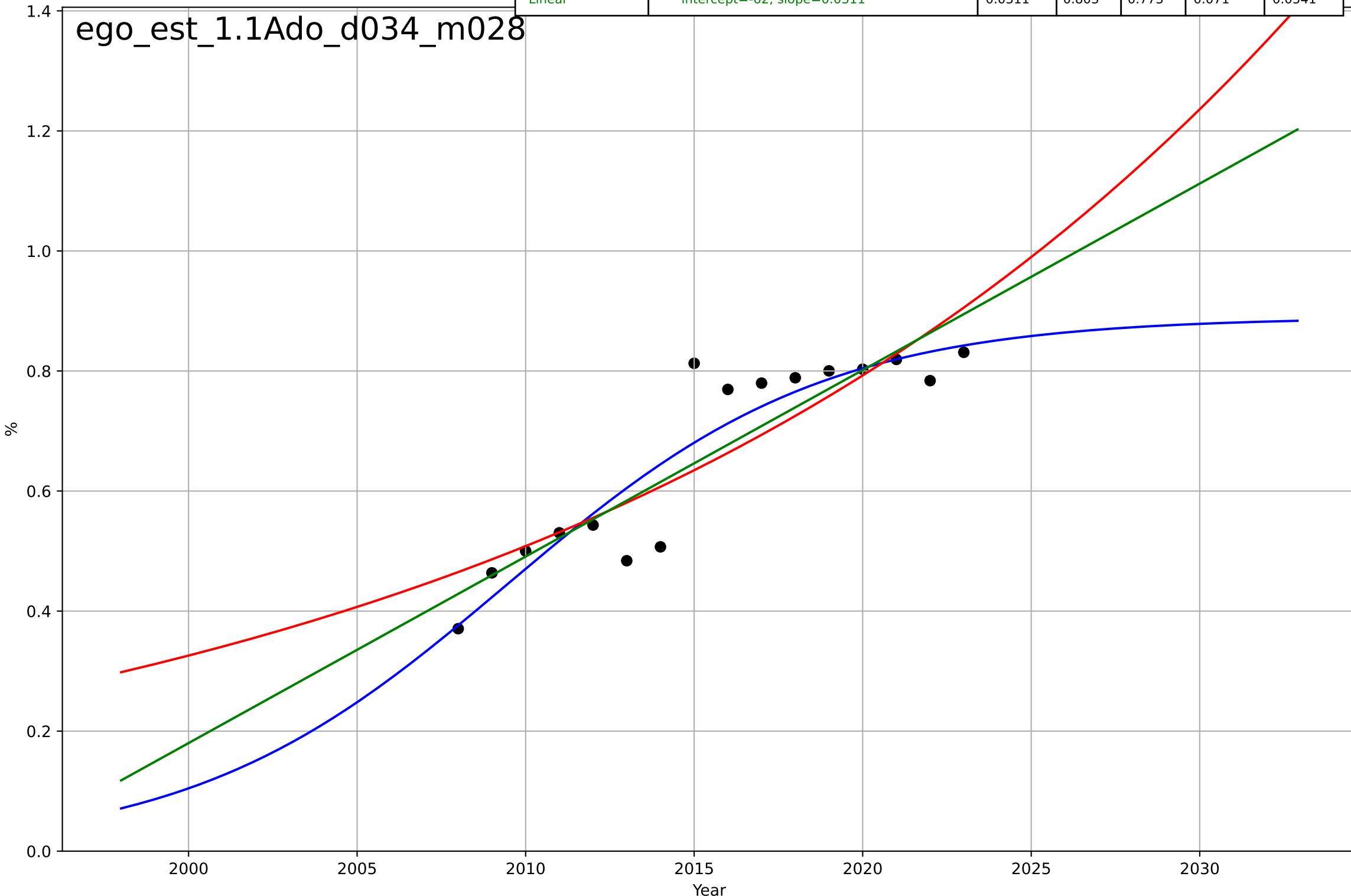
1.1 Adoption over time

% people who interacted online with public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=20.6, K=0.89$	0.213	0.848	0.81	0.0623	0.0433
Exponential	$1.35 \cdot \exp(0.0444 \cdot (x-2032))$	0.0444	0.761	0.724	0.0781	0.0617
Linear	intercept=-62, slope=0.0311	0.0311	0.803	0.773	0.071	0.0541

ego\_est\_1.1Ado\_d034\_m028



e-government

Estonia

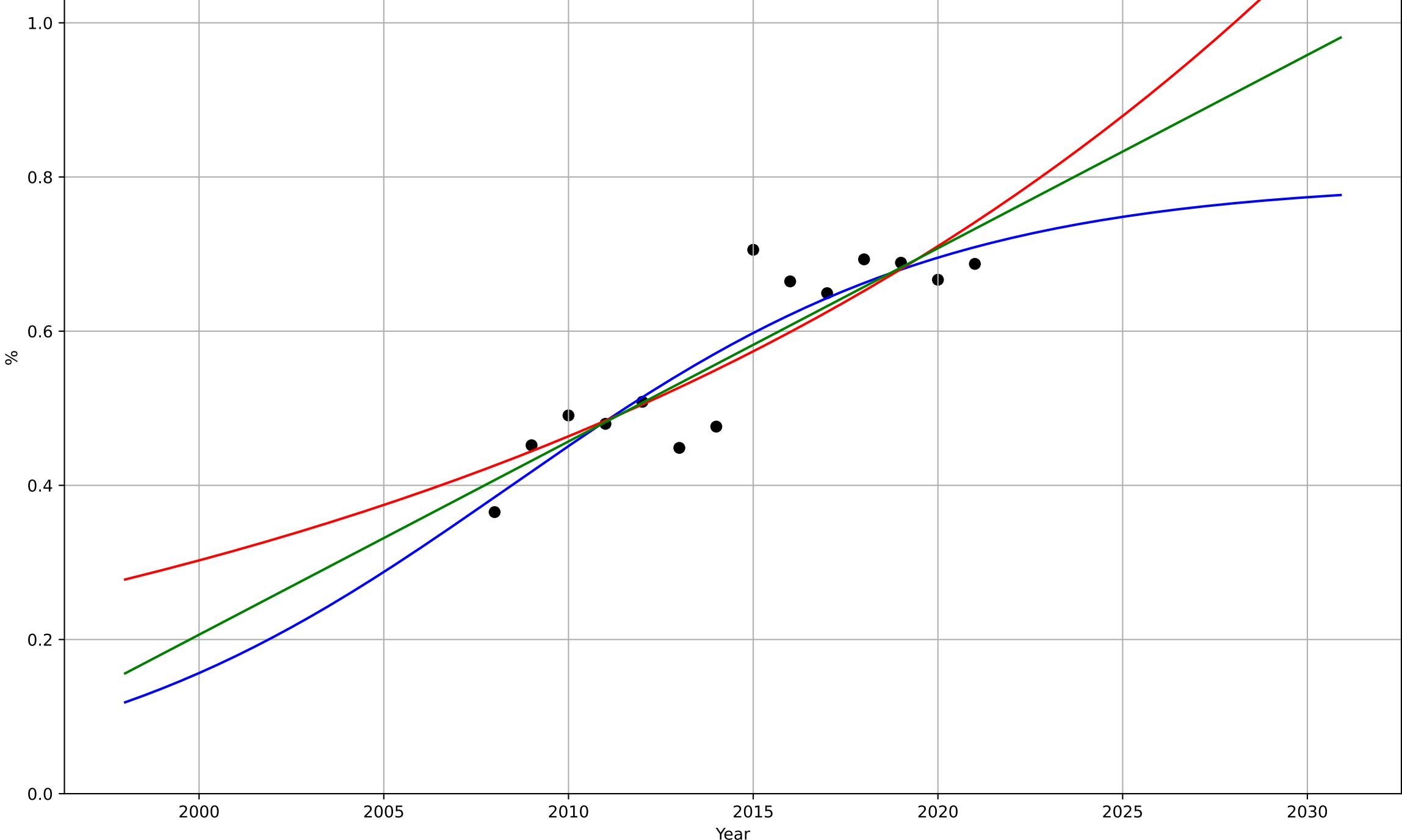
1.1 Adoption over time

% people who obtained information from public

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=26.2, K=0.794$	0.168	0.797	0.736	0.0516	0.0386
Exponential	$1.19 \cdot \exp(0.0427 \cdot (x-2032))$	0.0427	0.756	0.711	0.0566	0.0445
Linear	intercept=-49.9, slope=0.0251	0.0251	0.779	0.738	0.0539	0.0421

ego\_est\_1.1Ado\_d035\_m028



e-government

Estonia

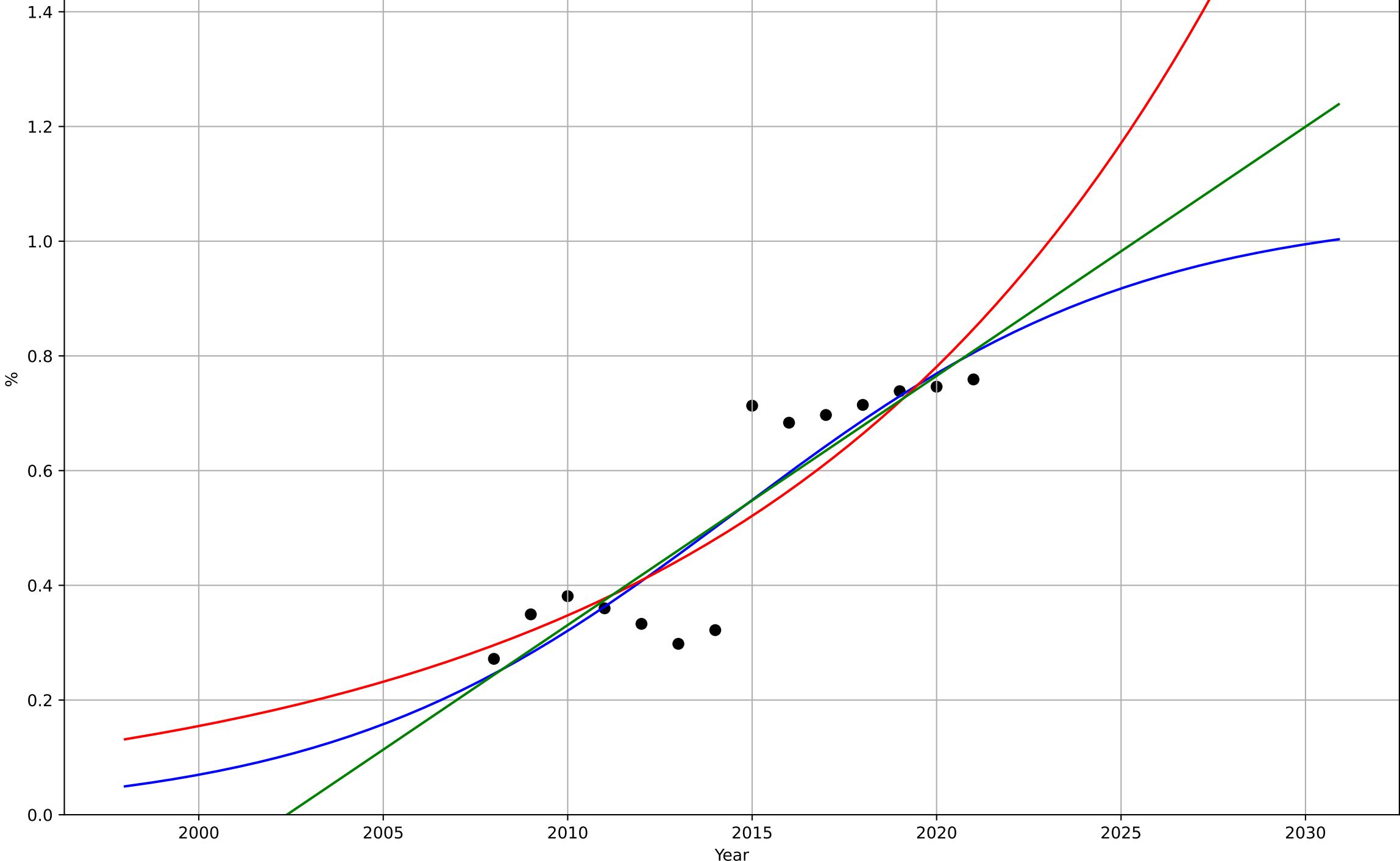
1.1 Adoption over time

% people who submitted completed public auth

%

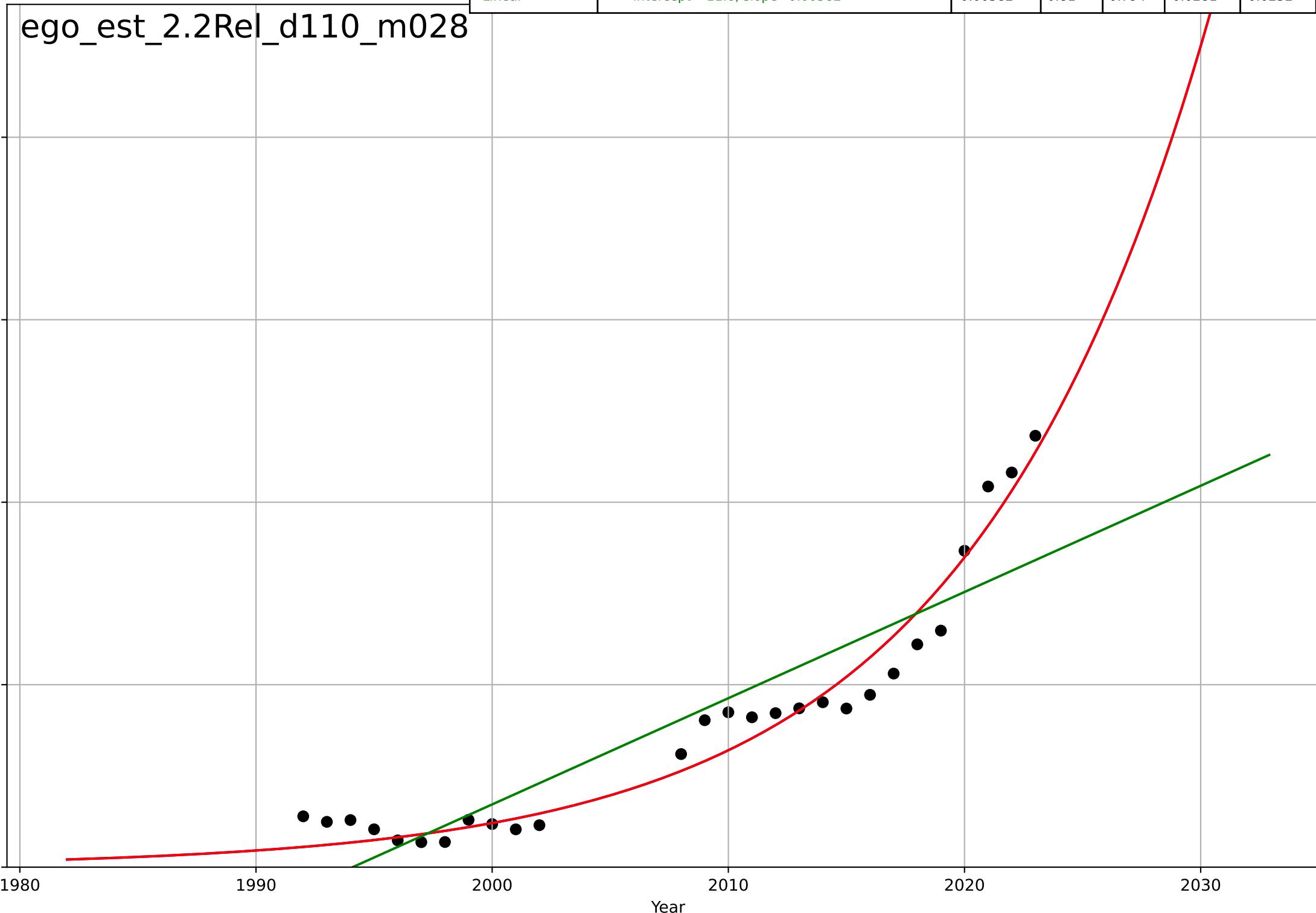
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2015, D_t=24.1, K=1.05$	0.182	0.796	0.735	0.0893	0.0697
Exponential	$6.31 \cdot \exp(0.081 \cdot (x-2046))$	0.081	0.772	0.731	0.0944	0.0764
Linear	intercept=-87, slope=0.0434	0.0434	0.784	0.744	0.092	0.0733

ego\_est\_1.1Ado\_d036\_m028



e-government  
Estonia  
2.2 Relative Advantage (profitability)  
ICT service exports (% of service exports, BoP)  
%

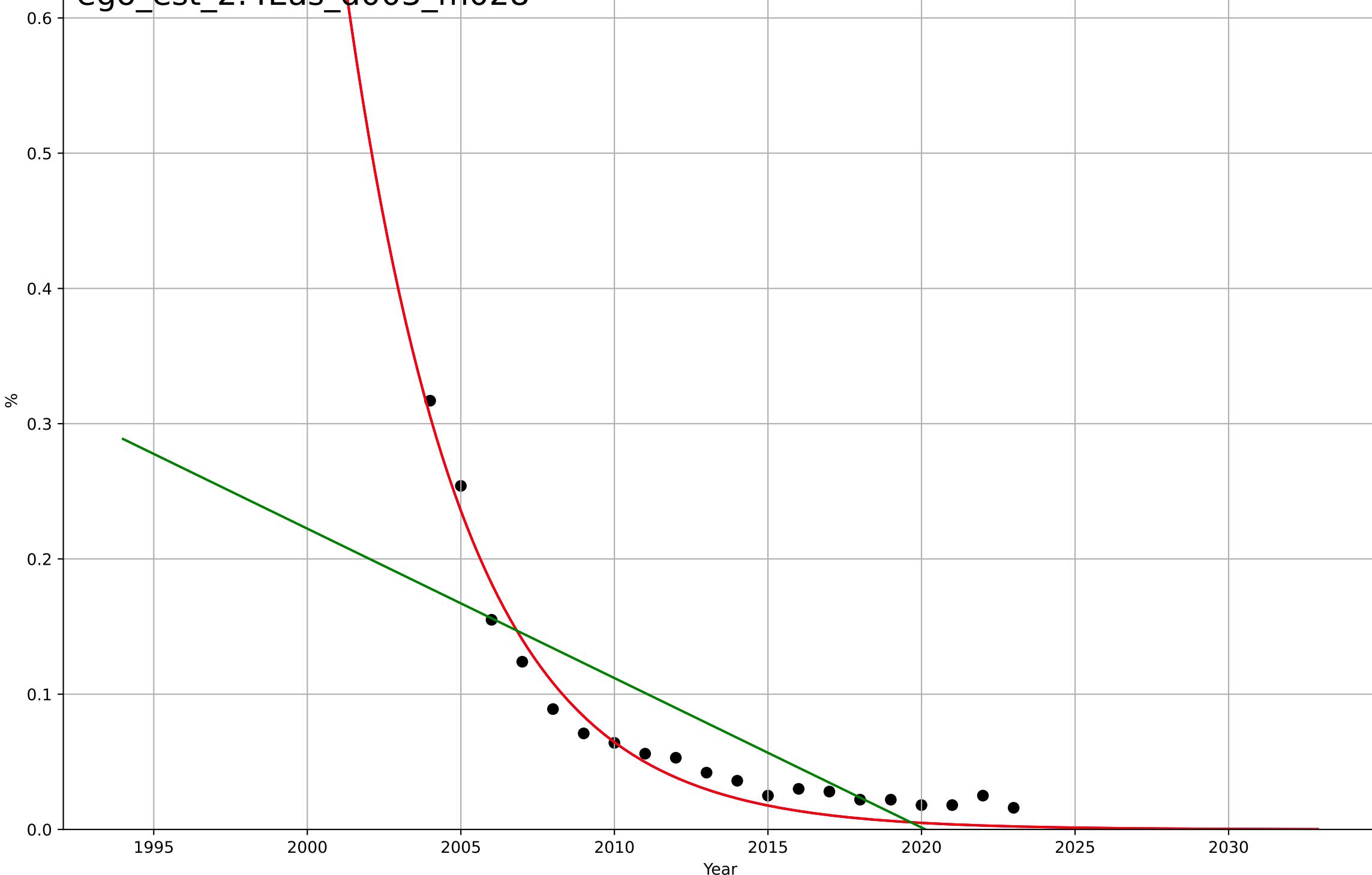
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2145, D_t=45.1, K=3.32e+04$	0.0975	0.958	0.953	0.0132	0.011
Exponential	$1.75 \cdot \exp(0.0975 \cdot (x-2044))$	0.0975	0.958	0.955	0.0132	0.011
Linear	intercept=-11.6, slope=0.00582	0.00582	0.81	0.794	0.0281	0.0232



e-government  
Estonia  
2.4 Ease of Use / Accessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1957, Dt=-17, K=6.71e+04$	-0.259	0.963	0.956	0.0153	0.0143
Exponential	$1.84e+03 \cdot \exp(-0.259 \cdot (x-1970))$	-0.259	0.963	0.959	0.0153	0.0143
Linear	intercept=22.3, slope=-0.011	-0.011	0.634	0.591	0.0484	0.0373

ego\_est\_2.4Eas\_d003\_m028



e-government

Estonia

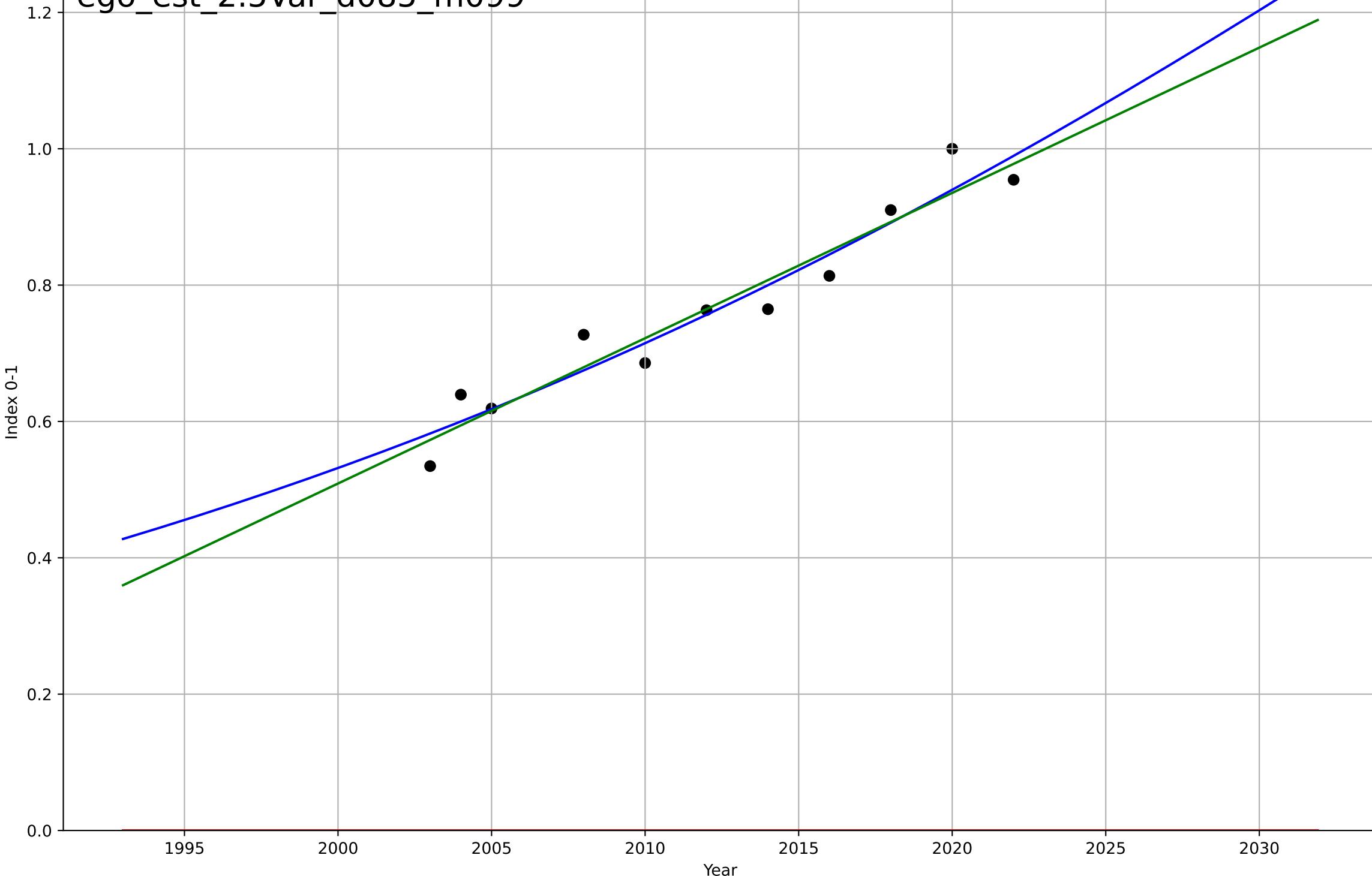
2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2046, D_t=121, K=3.34$	0.0363	0.93	0.9	0.0368	0.0324
Exponential	$1.55e+03 \cdot \exp(0.00293 \cdot (x-157496))$	0.00293	-30.3	-38.1	0.777	0.765
Linear	intercept=-42.1, slope=0.0213	0.0213	0.928	0.91	0.0373	0.0325

ego\_est\_2.5Var\_d085\_m099



e-government

Estonia

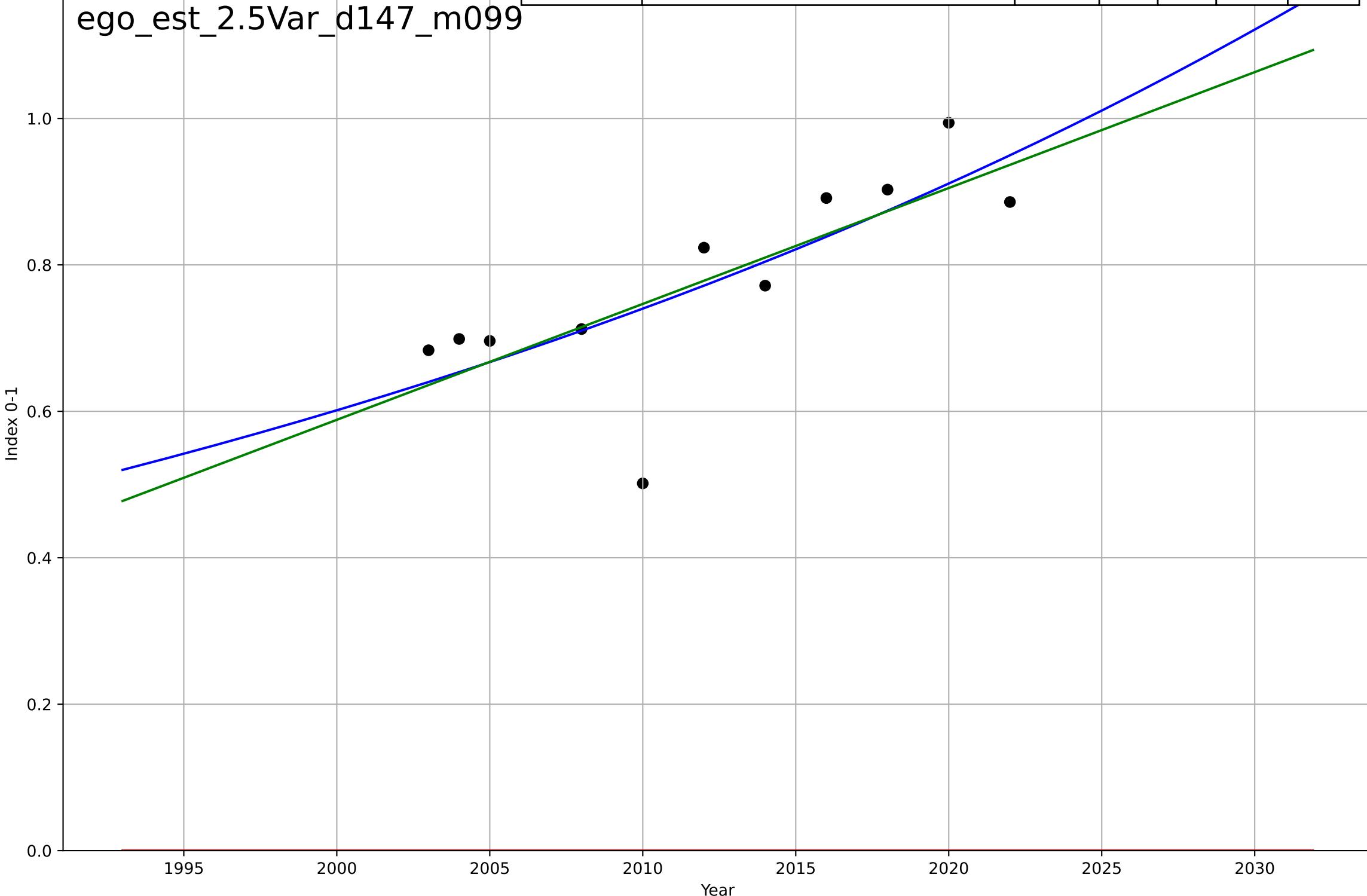
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2430, D_t=212, K=4.55e+03$	0.0208	0.582	0.403	0.0853	0.0611
Exponential	$1.56e+03 \cdot \exp(0.00242 \cdot (x-157480))$	0.00242	-34.8	-43.7	0.789	0.778
Linear	intercept=-31.1, slope=0.0158	0.0158	0.568	0.46	0.0867	0.0612

ego\_est\_2.5Var\_d147\_m099



e-government

Estonia

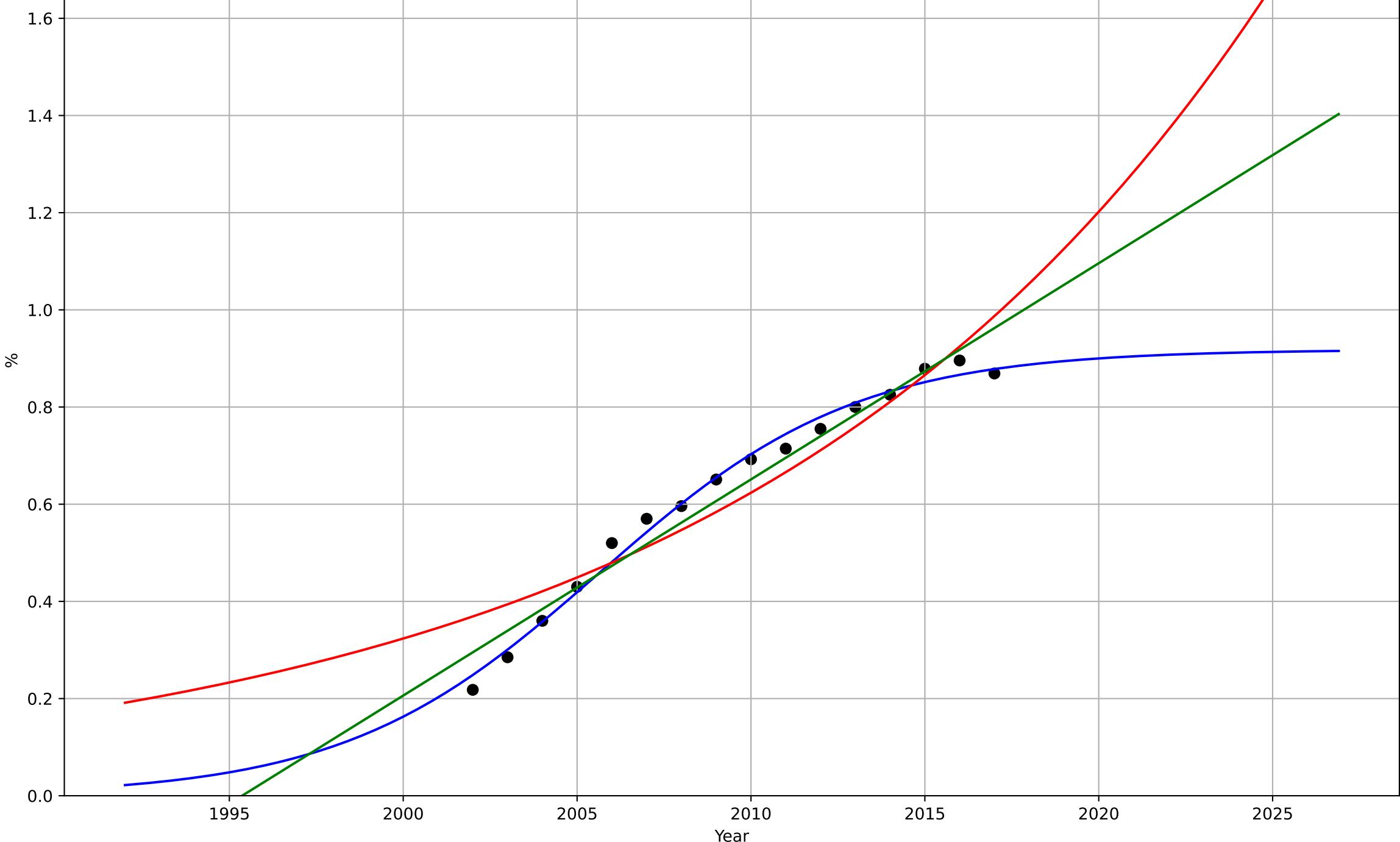
2.9 Inter-dependence with hardware

% households with a computer

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2006, D_t=16.2, K=0.918$	0.272	0.99	0.987	0.021	0.0176
Exponential	$6.03 \cdot \exp(0.0656 \cdot (x-2045))$	0.0656	0.891	0.874	0.0691	0.0582
Linear	intercept=-88.8, slope=0.0445	0.0445	0.958	0.952	0.0429	0.0344

ego\_est\_2.9Int\_d004\_m028



e-government

Estonia

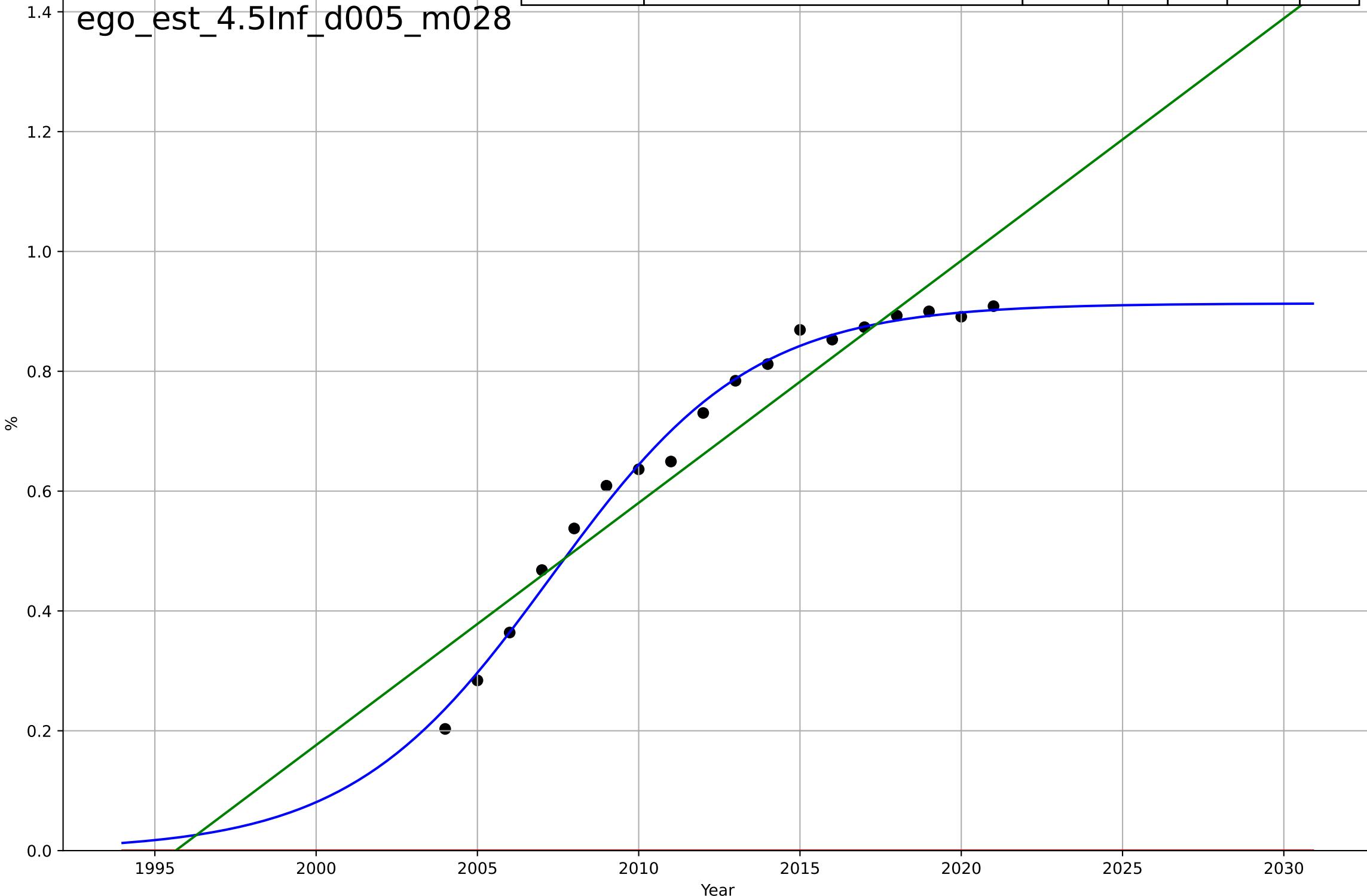
4.5 Physical Infrastructure dependence

% households with broadband internet connection

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2007, D_t=13.7, K=0.913$	0.32	0.991	0.989	0.0211	0.016
Exponential	$1.55e+03 \cdot \exp(0.00473 \cdot (x-157558))$	0.00473	-9.48	-10.9	0.717	0.681
Linear	intercept=-80.7, slope=0.0404	0.0404	0.898	0.885	0.0706	0.061

ego\_est\_4.5Inf\_d005\_m028



e-government

Hungary

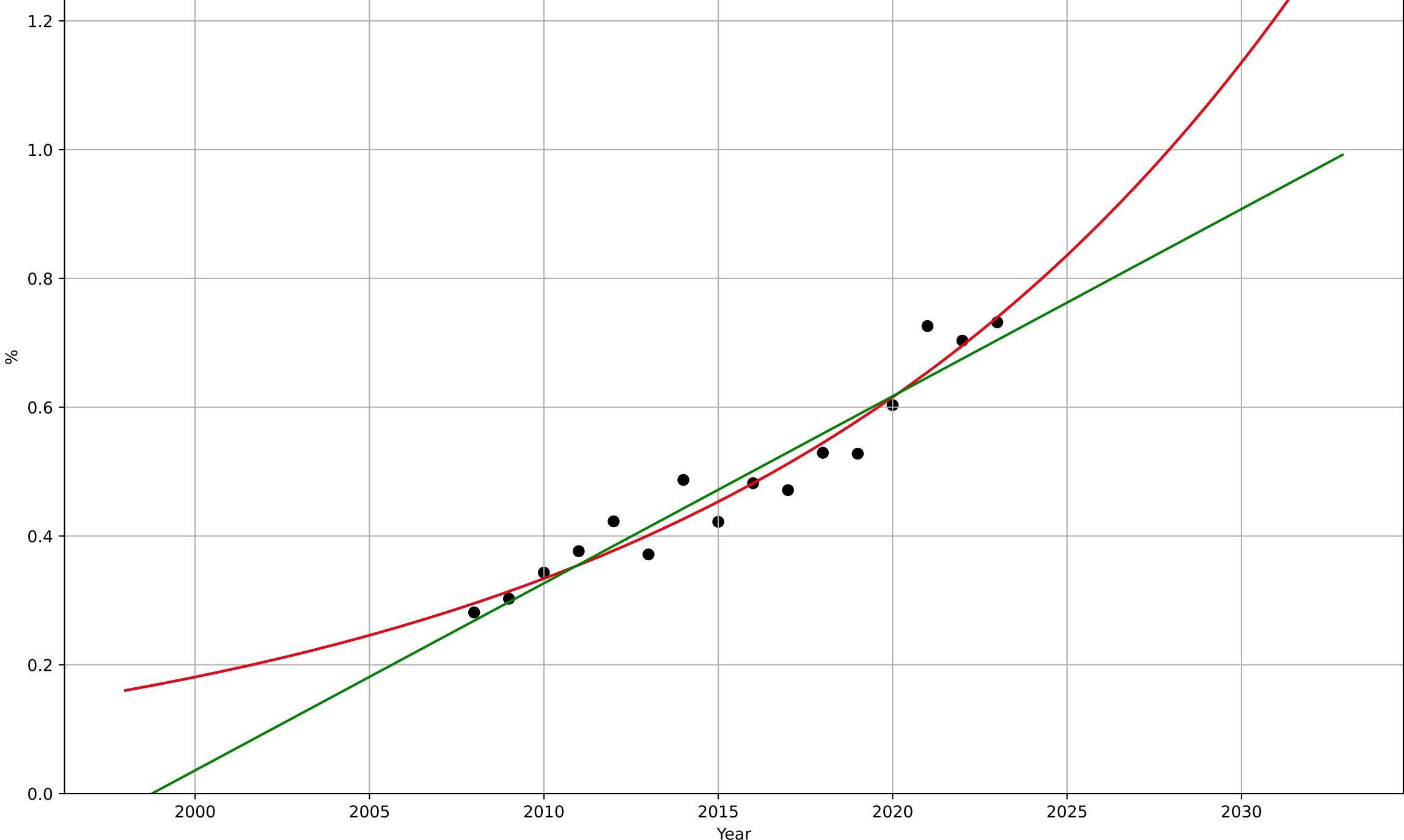
1.1 Adoption over time

% people who interacted online with public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2185, D_t=71.8, K=1.46e+04$	0.0612	0.941	0.926	0.0339	0.0269
Exponential	$1.1 \cdot \exp(0.0612 \cdot (x-2029))$	0.0612	0.941	0.932	0.0339	0.0269
Linear	intercept=-58.1, slope=0.0291	0.0291	0.92	0.907	0.0395	0.0342

ego\_hun\_1.1Ado\_d034\_m028



e-government

Hungary

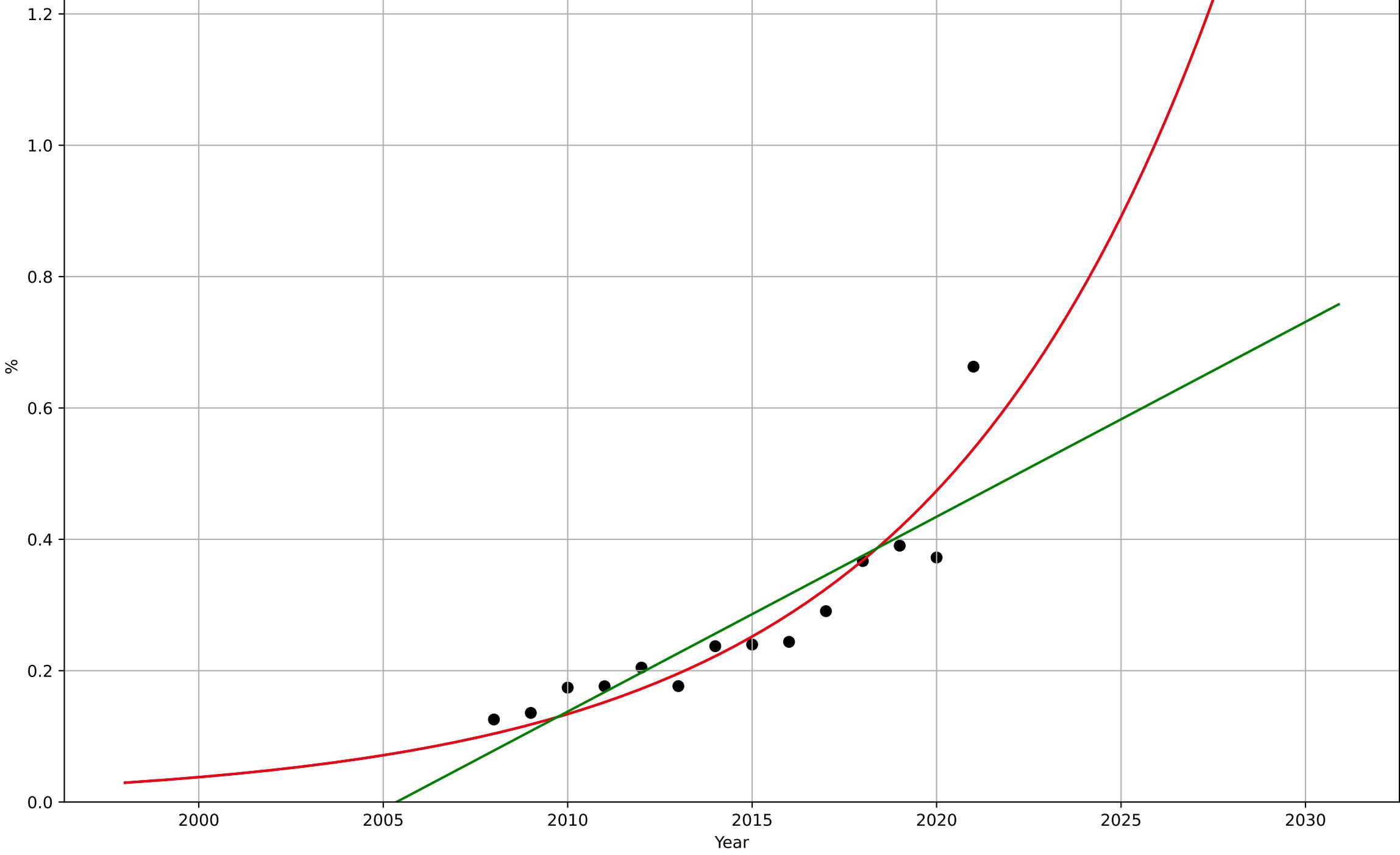
1.1 Adoption over time

% people who submitted completed public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2113, D_t=34.8, K=5.66e+04$	0.126	0.868	0.829	0.0496	0.0367
Exponential	$0.889 \cdot \exp(0.126 \cdot (x-2025))$	0.126	0.868	0.844	0.0496	0.0367
Linear	intercept=-59.5, slope=0.0297	0.0297	0.766	0.723	0.0662	0.0467

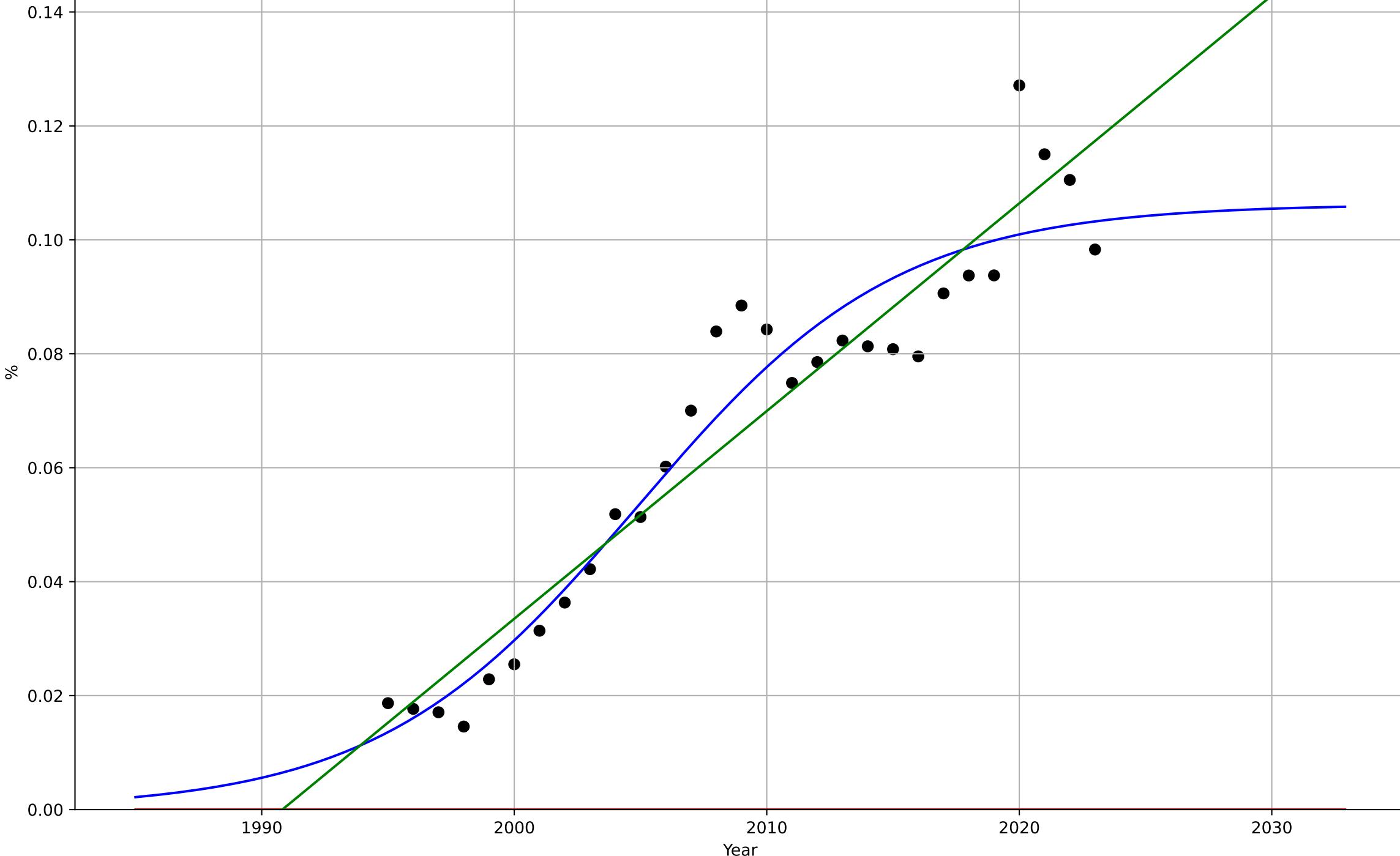
ego\_hun\_1.1Ado\_d036\_m028



e-government  
Hungary  
2.2 Relative Advantage (profitability)  
ICT service exports (% of service exports, BoP)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=22.6, K=0.106	0.195	0.921	0.912	0.00899	0.00709
Exponential	1.56e+03*exp(0.00134*(x-157474))	0.00134	-4.27	-4.68	0.0737	0.0663
Linear	intercept=-7.26, slope=0.00365	0.00365	0.905	0.898	0.00989	0.00762

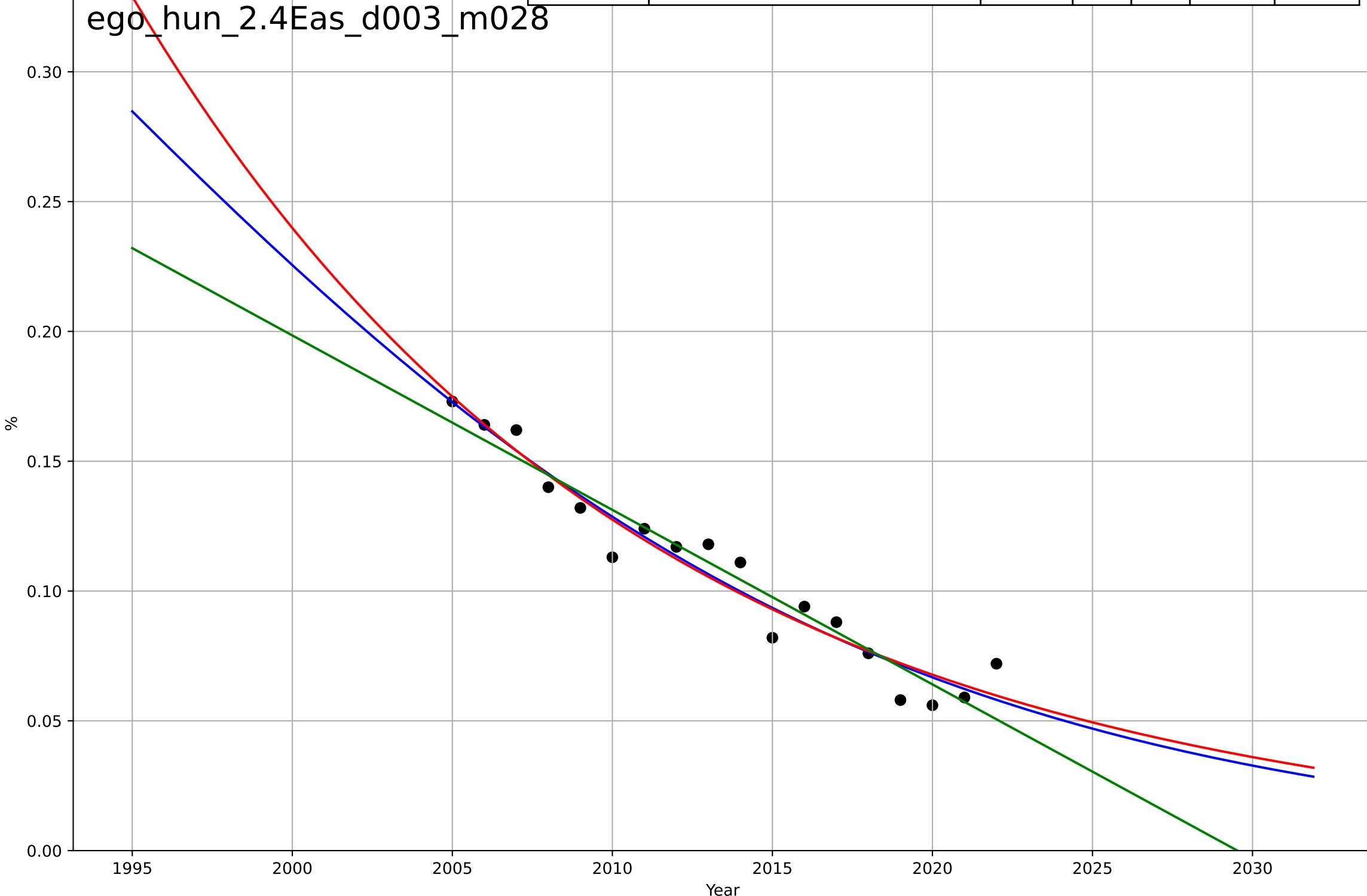
ego\_hun\_2.2Rel\_d110\_m028



e-government  
Hungary  
2.4 Ease of Use / Accessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1992, D_t=-57.2, K=0.647$	-0.0769	0.943	0.93	0.00866	0.00722
Exponential	$7.67 \cdot \exp(-0.0632 \cdot (x-1945))$	-0.0632	0.942	0.934	0.00872	0.00744
Linear	intercept=13.6, slope=-0.00672	-0.00672	0.93	0.92	0.00959	0.00757

ego\_hun\_2.4Eas\_d003\_m028



e-government

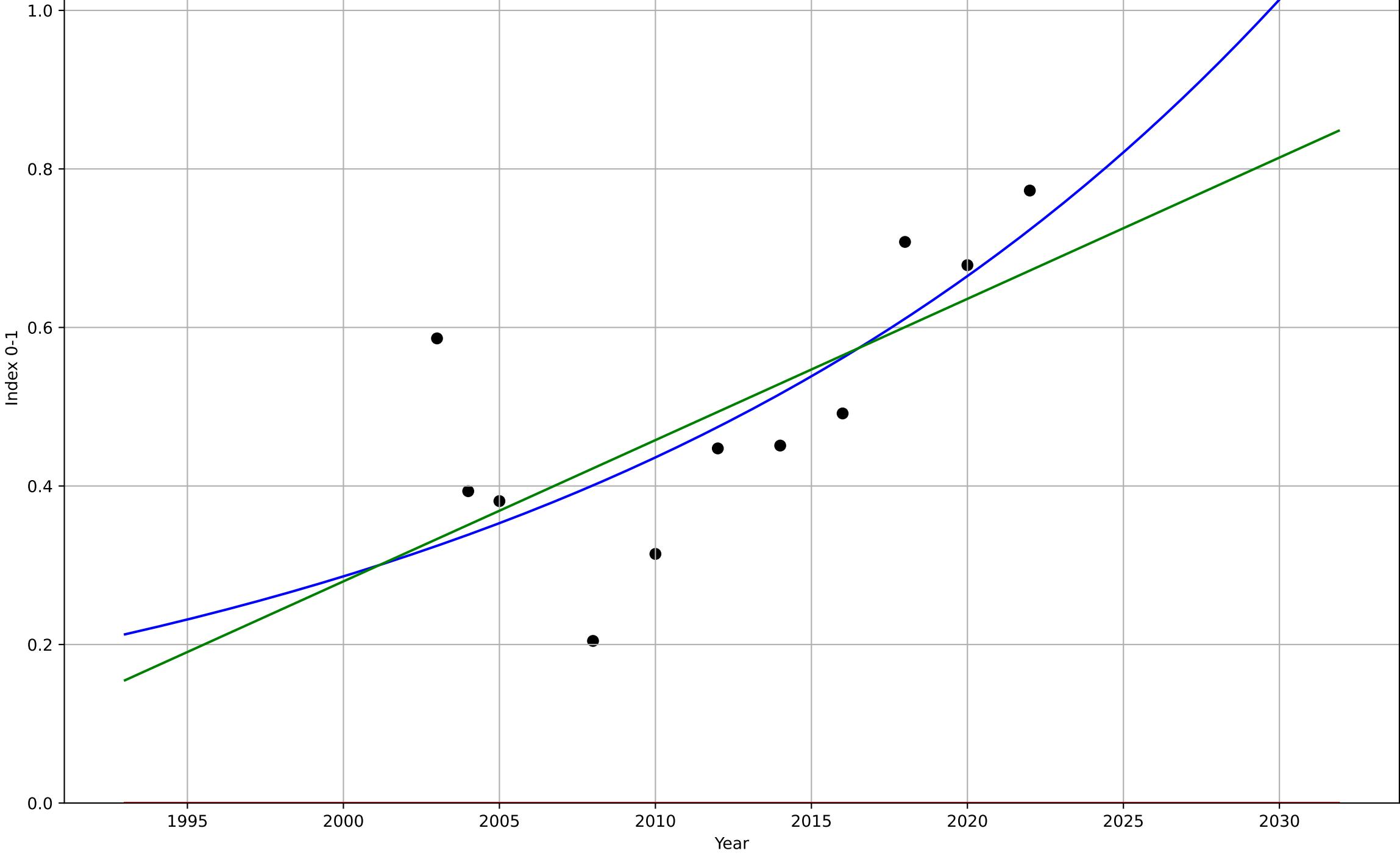
Hungary

2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)  
Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2270, D_t=104, K=2.53e+04$	0.0422	0.523	0.318	0.116	0.0895
Exponential	$1.55e+03 \cdot \exp(0.00264 \cdot (x - 157500))$	0.00264	-8.67	-11.1	0.521	0.494
Linear	intercept=-35.4, slope=0.0178	0.0178	0.446	0.308	0.125	0.102

ego\_hun\_2.5Var\_d085\_m099



e-government

Hungary

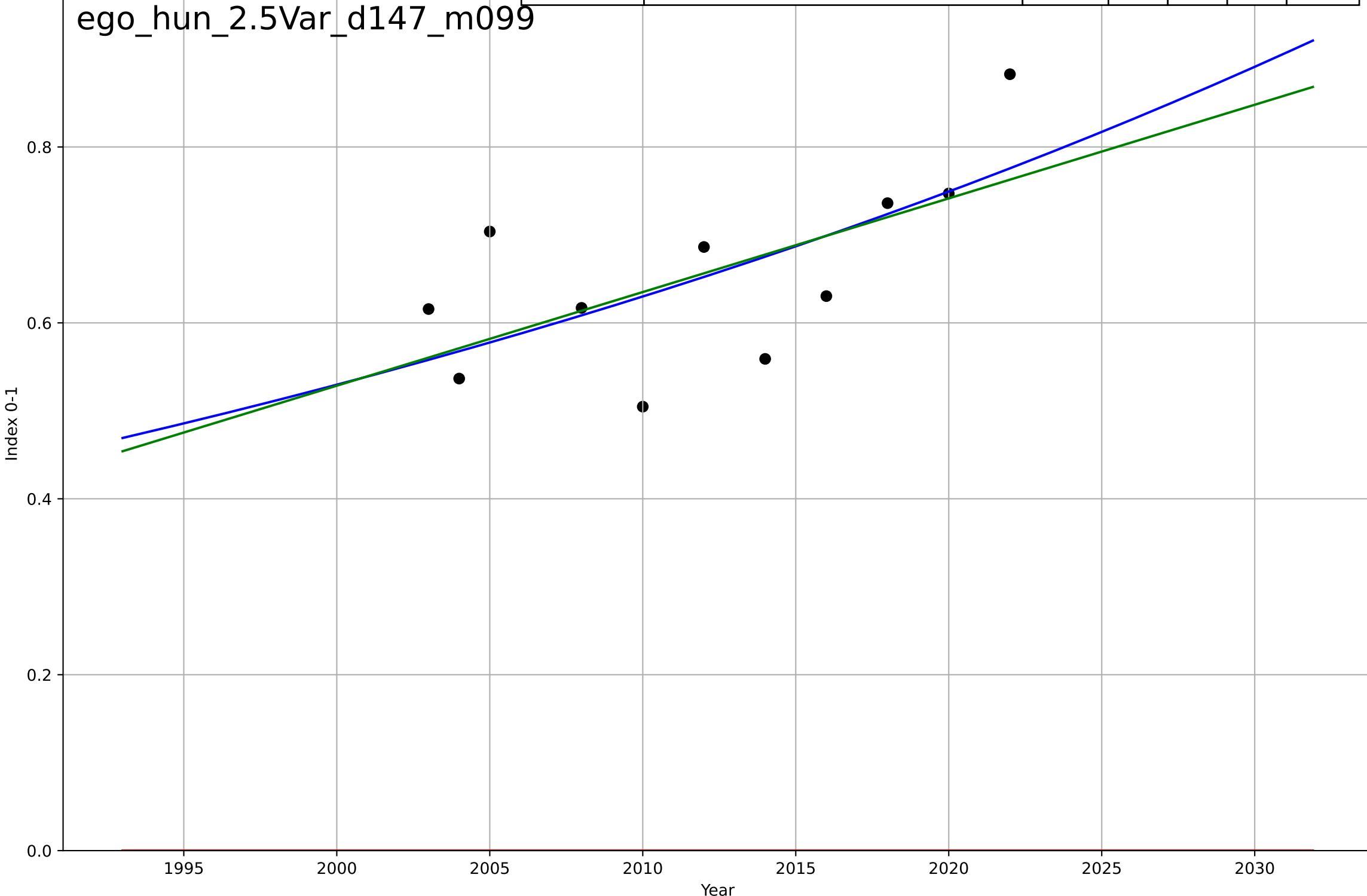
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2562, D_t=253, K=9e+03$	0.0173	0.44	0.2	0.078	0.0627
Exponential	$1.56e+03 \cdot \exp(0.00194 \cdot (x-157471))$	0.00194	-39.6	-49.8	0.665	0.656
Linear	intercept=-20.8, slope=0.0106	0.0106	0.411	0.264	0.08	0.064

ego\_hun\_2.5Var\_d147\_m099



e-government

Hungary

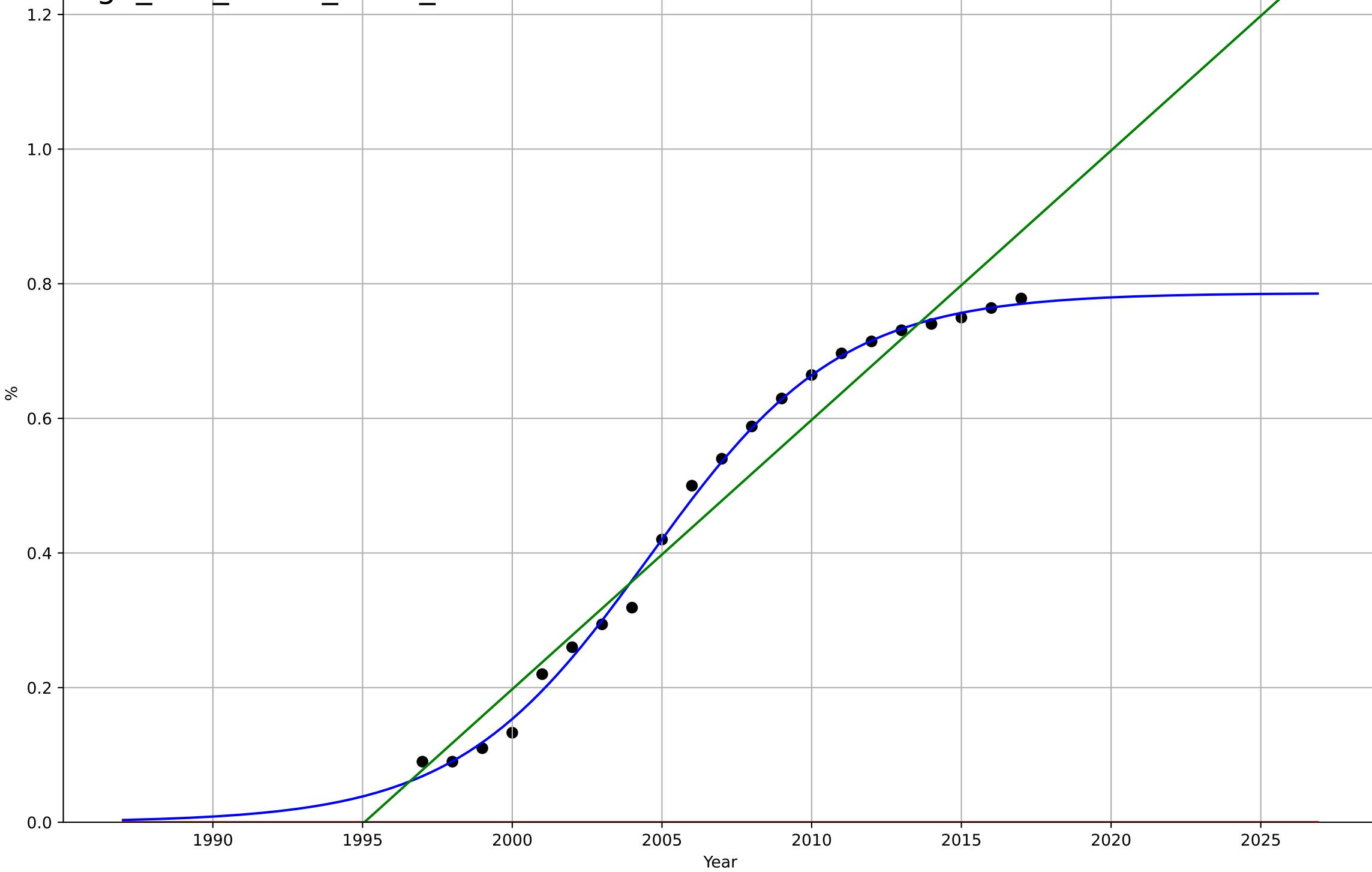
2.9 Inter-dependence with hardware

% households with a computer

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=14.1, K=0.786	0.311	0.997	0.996	0.0139	0.00926
Exponential	1.55e+03*exp(0.00473*(x-157547))	0.00473	-3.72	-4.24	0.538	0.478
Linear	intercept=-79.8, slope=0.04	0.04	0.957	0.952	0.0516	0.0454

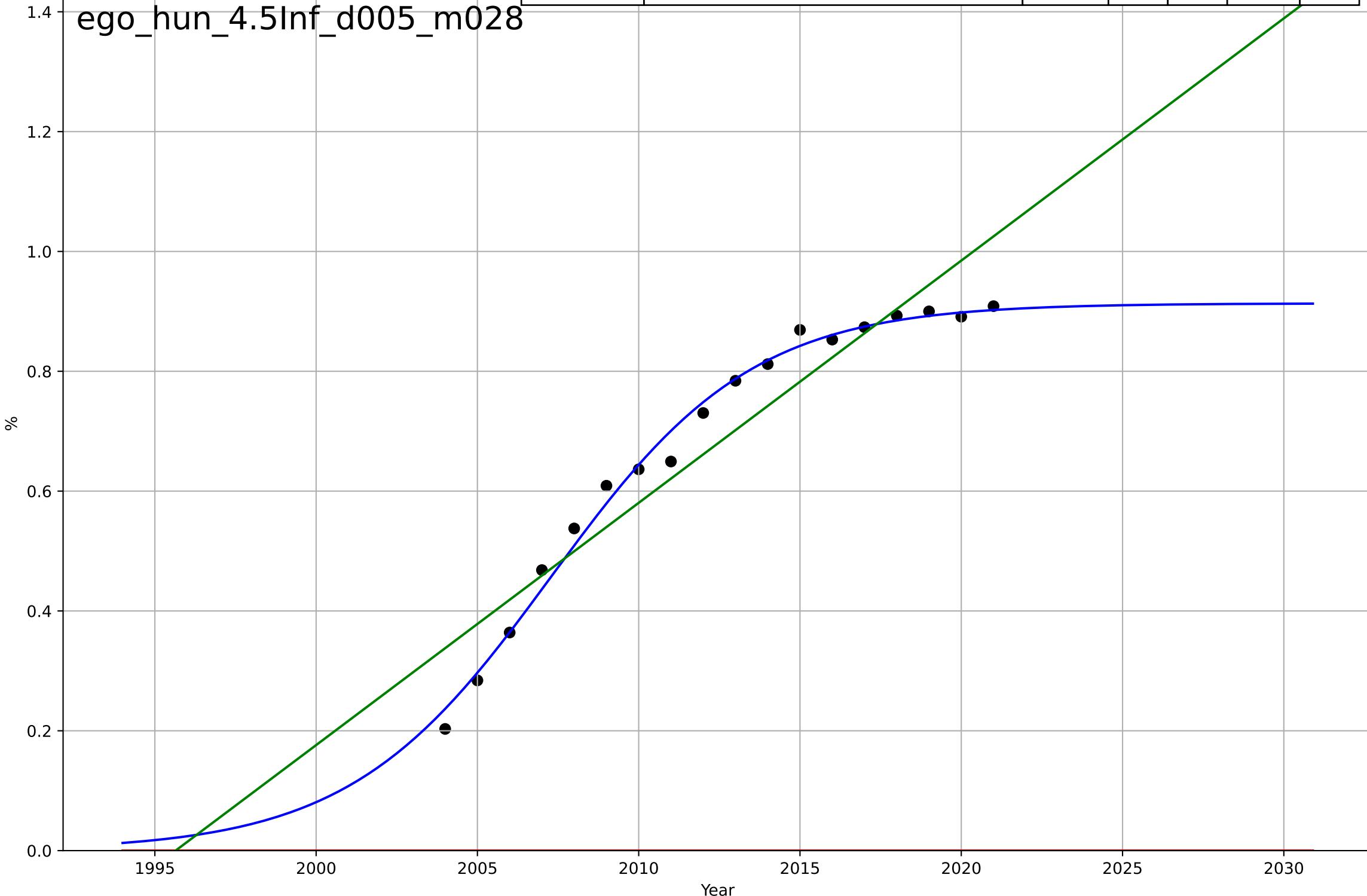
ego\_hun\_2.9Int\_d004\_m028



e-government  
Hungary  
4.5 Physical Infrastructure dependence  
% households with broadband internet connection  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2007, Dt=13.7, K=0.913	0.32	0.991	0.989	0.0211	0.016
Exponential	1.55e+03*exp(0.00473*(x-157558))	0.00473	-9.48	-10.9	0.717	0.681
Linear	intercept=-80.7, slope=0.0404	0.0404	0.898	0.885	0.0706	0.061

ego\_hun\_4.5Inf\_d005\_m028



e-government

Latvia

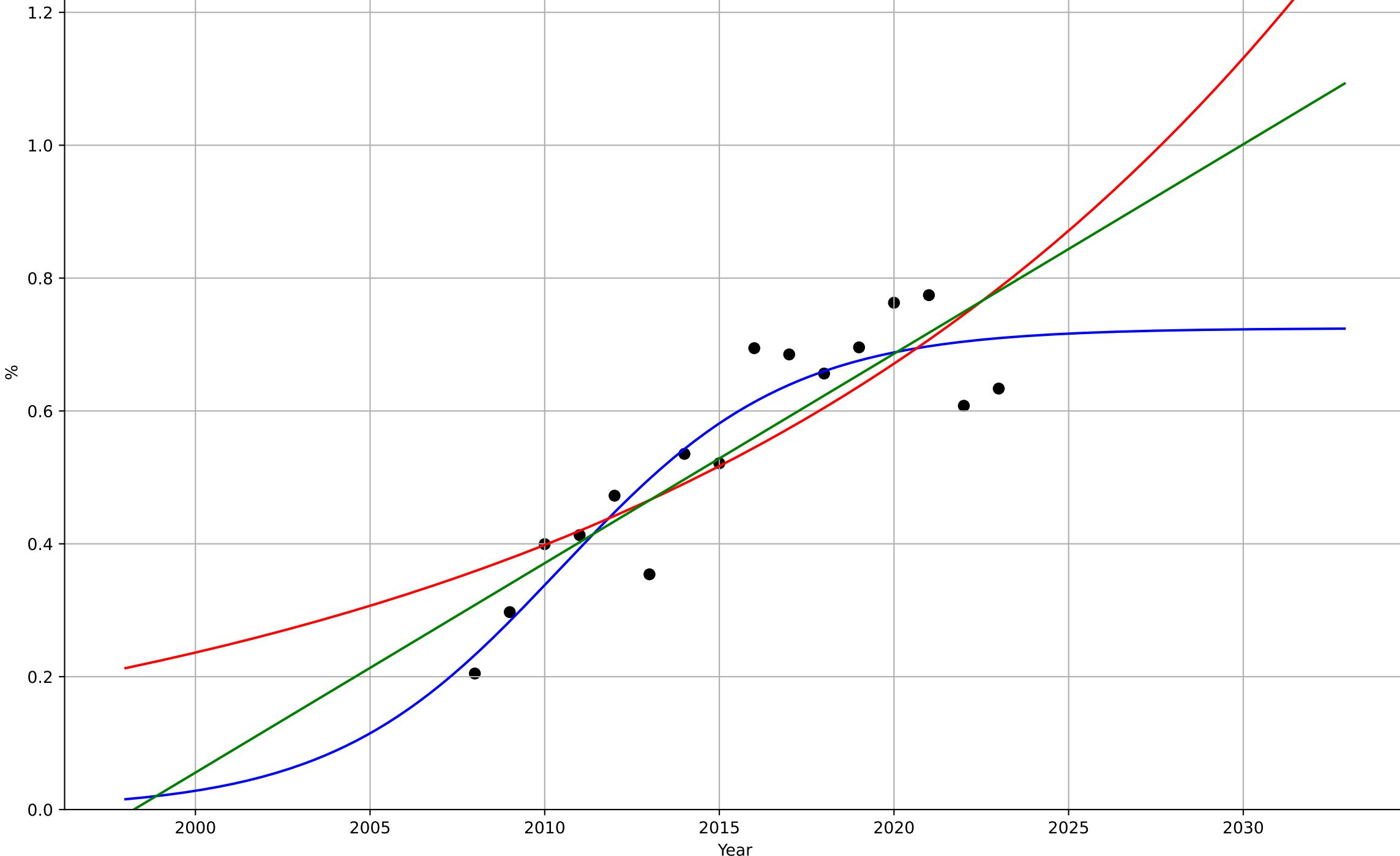
## 1.1 Adoption over time

% people who interacted online with public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=14.3, K=0.725	0.307	0.853	0.816	0.0641	0.0521
Exponential	1.21*exp(0.0522*(x-2031))	0.0522	0.684	0.635	0.094	0.0783
Linear	intercept=-63, slope=0.0315	0.0315	0.756	0.718	0.0826	0.069

ego\_lat\_1.1Ado\_d034\_m028



e-government

Latvia

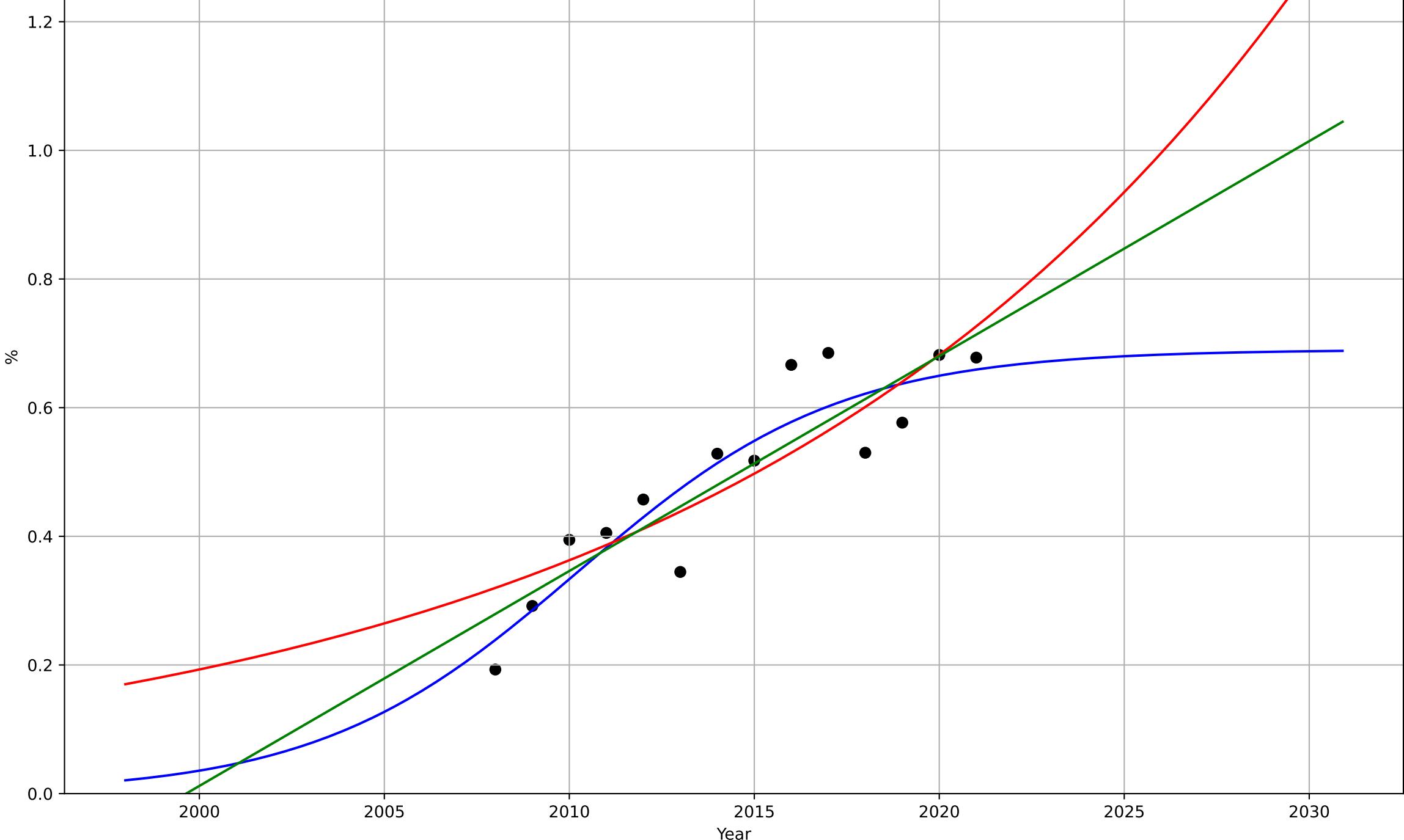
1.1 Adoption over time

% people who obtained information from public

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=15.5, K=0.69	0.284	0.832	0.782	0.0617	0.051
Exponential	1.13*exp(0.0631*(x-2028))	0.0631	0.75	0.704	0.0754	0.0634
Linear	intercept=-66.8, slope=0.0334	0.0334	0.798	0.761	0.0677	0.0569

ego\_lat\_1.1Ado\_d035\_m028



e-government

Latvia

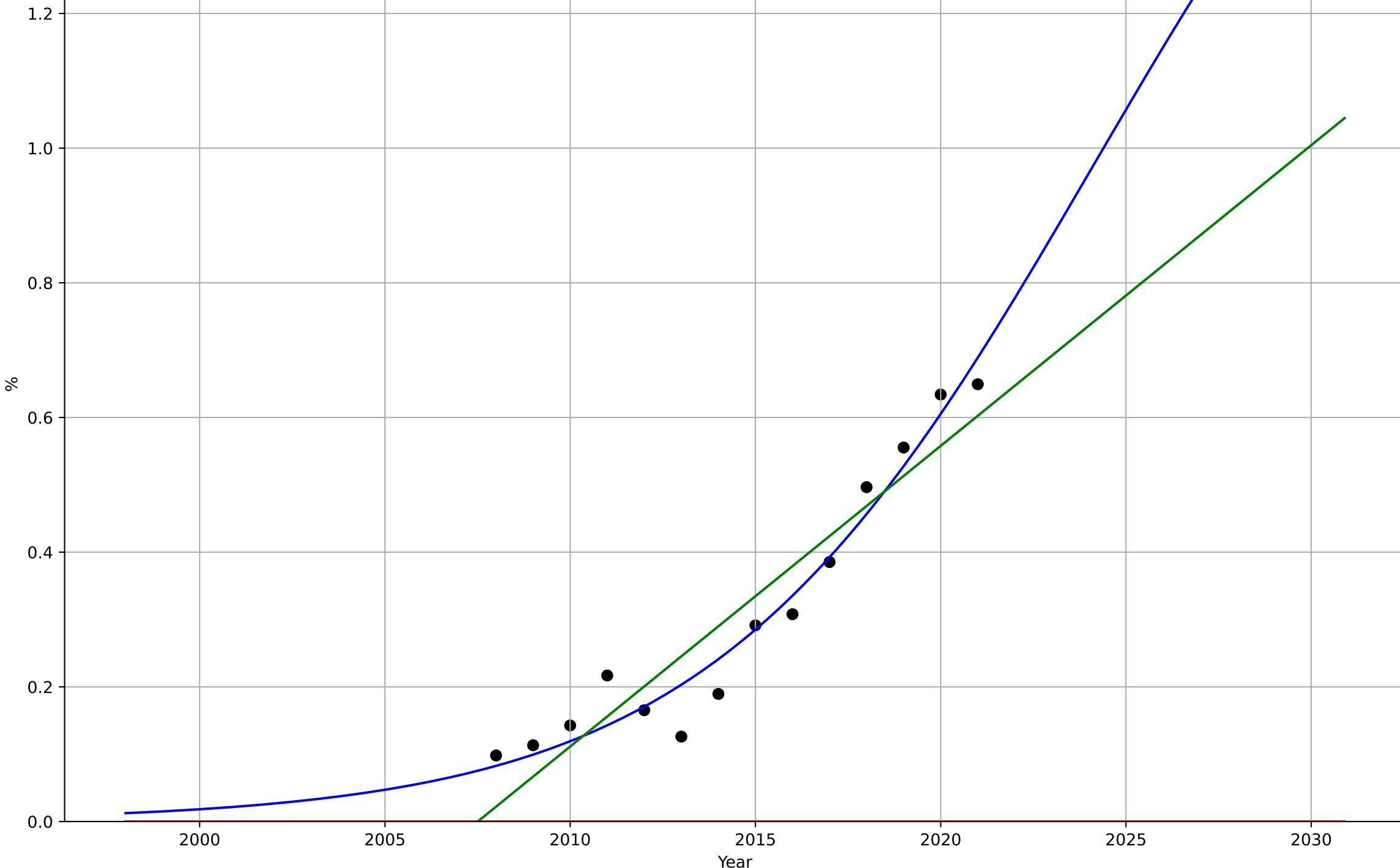
1.1 Adoption over time

% people who submitted completed public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2024, Dt=22.7, K=1.95	0.193	0.959	0.947	0.0385	0.0313
Exponential	1.55e+03*exp(0.00516*(x-157597))	0.00516	-2.67	-3.34	0.366	0.312
Linear	intercept=-89.6, slope=0.0446	0.0446	0.888	0.868	0.0639	0.0583

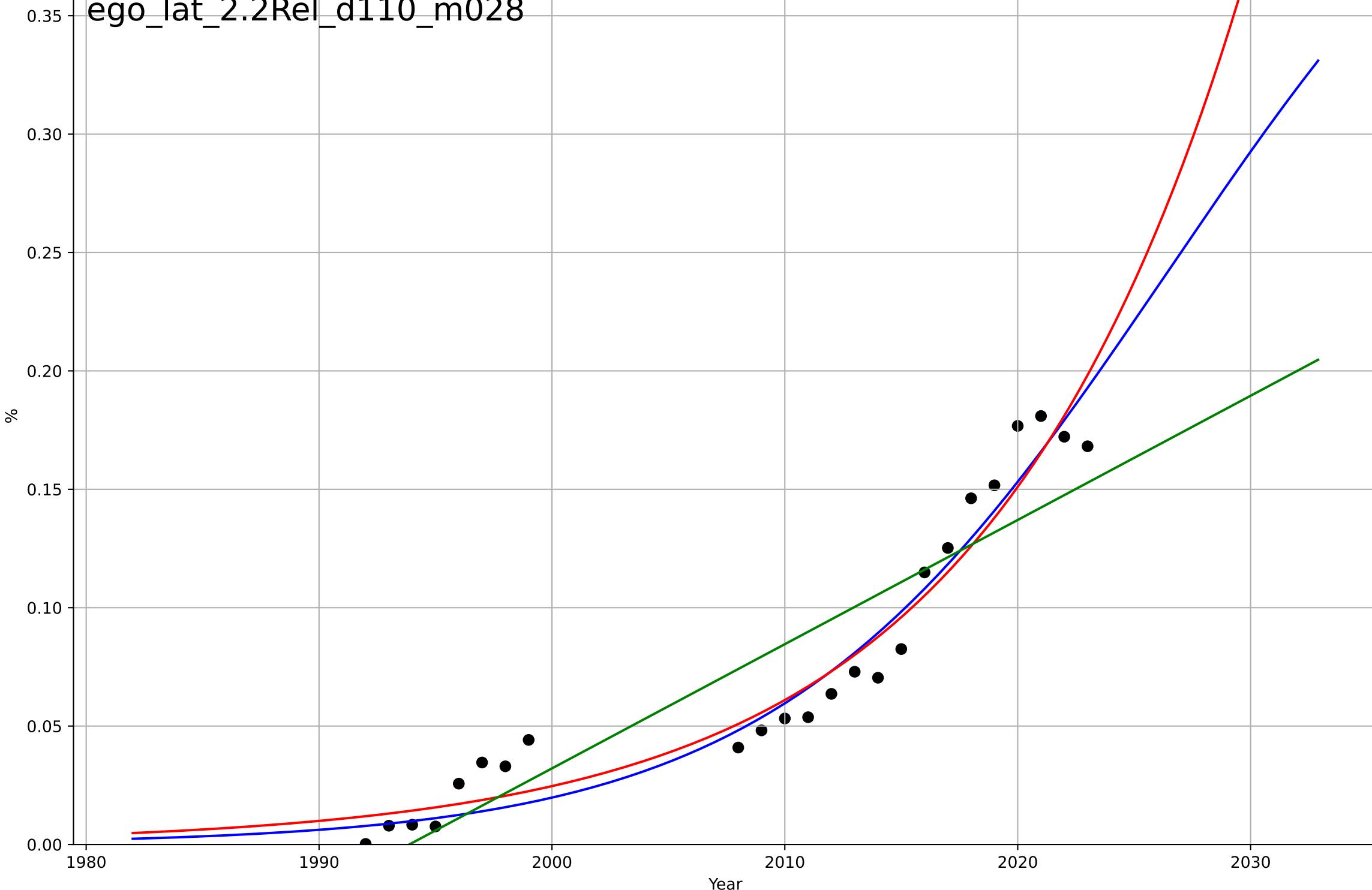
ego\_lat\_1.1Ado\_d036\_m028



e-government  
Latvia  
2.2 Relative Advantage (profitability)  
ICT service exports (% of service exports, BoP)  
%

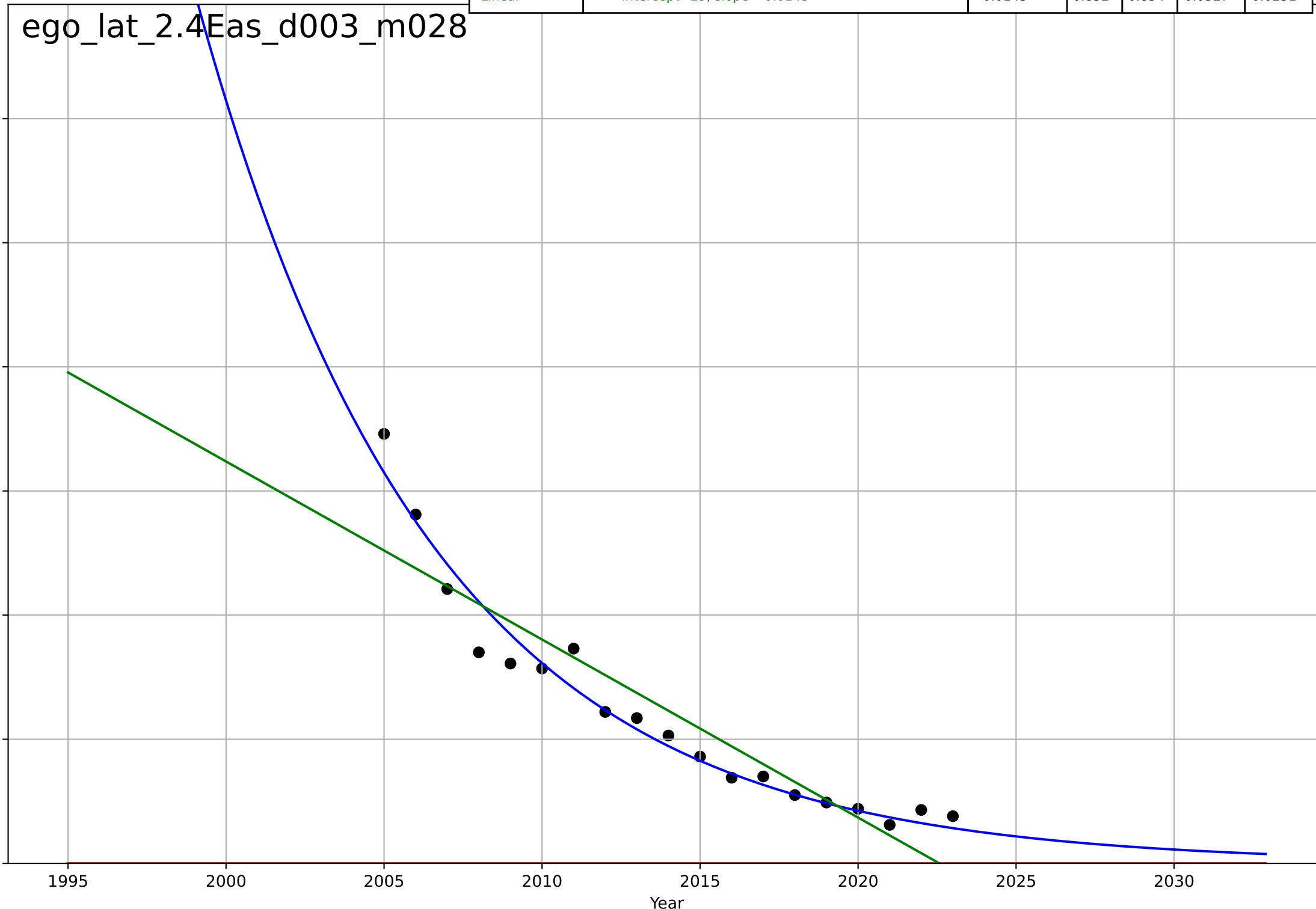
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2026, D_t=36.9, K=0.485$	0.119	0.944	0.936	0.0139	0.0119
Exponential	$8.27 \cdot \exp(0.0907 \cdot (x-2064))$	0.0907	0.941	0.936	0.0143	0.0129
Linear	intercept=-10.5, slope=0.00525	0.00525	0.83	0.814	0.0243	0.0213

ego\_lat\_2.2Rel\_d110\_m028



e-government  
Latvia  
2.4 Ease of Use / Accessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1916, D_t=-32.9, K=4.7e+04$	-0.134	0.963	0.955	0.0164	0.0115
Exponential	$-1.54e+03 \cdot \exp(-0.000355 \cdot (x - 152625))$	-0.000355	-2.09	-2.47	0.15	0.123
Linear	intercept=29, slope=-0.0143	-0.0143	0.852	0.834	0.0327	0.0251



e-government

Latvia

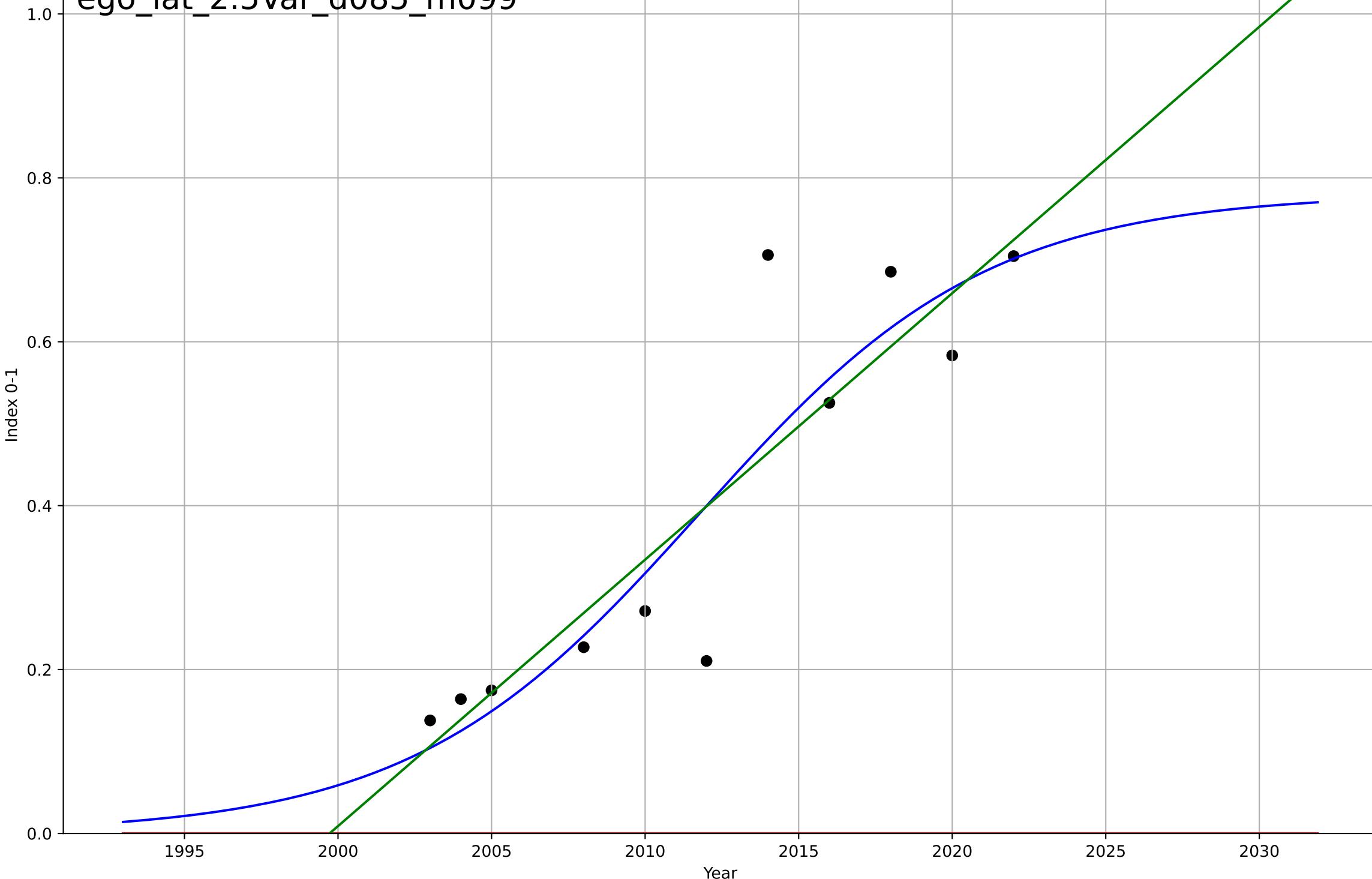
2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=20.6, K=0.781	0.213	0.819	0.741	0.0973	0.0687
Exponential	1.55e+03*exp(0.00402*(x-157547))	0.00402	-3.05	-4.06	0.46	0.399
Linear	intercept=-65, slope=0.0325	0.0325	0.798	0.748	0.103	0.0713

ego\_lat\_2.5Var\_d085\_m099



e-government

Latvia

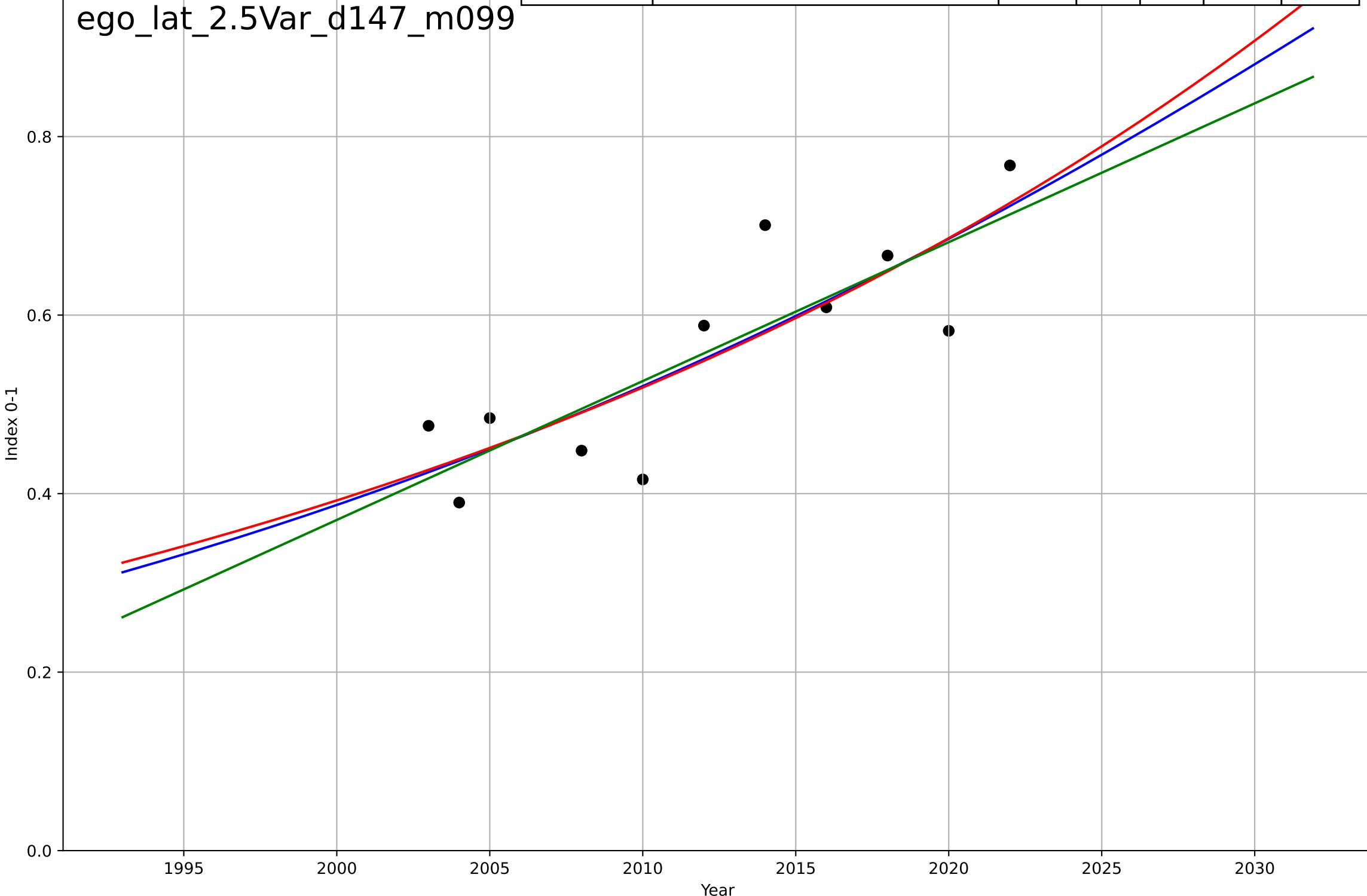
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2049, Dt=123, K=2.64	0.0356	0.691	0.558	0.0656	0.0554
Exponential	0.177*exp(0.0279*(x-1972))	0.0279	0.69	0.613	0.0656	0.0551
Linear	intercept=-30.7, slope=0.0156	0.0156	0.687	0.609	0.0659	0.0563

ego\_lat\_2.5Var\_d147\_m099



e-government

Latvia

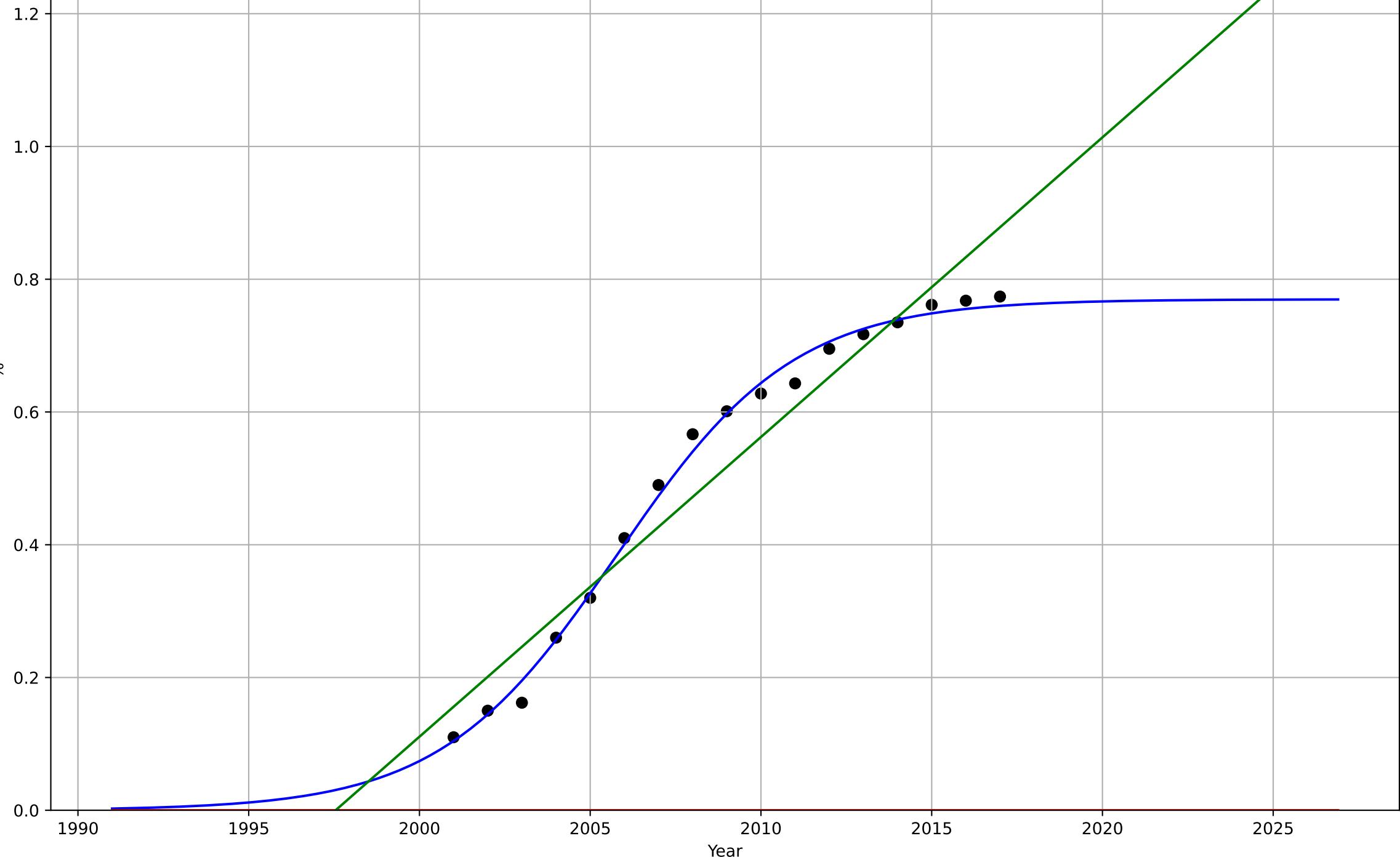
2.9 Inter-dependence with hardware

% households with a computer

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2006, D_t=11.4, K=0.77$	0.387	0.995	0.994	0.0164	0.0132
Exponential	$1.55e+03 \cdot \exp(0.0052 \cdot (x - 157566))$	0.0052	-5.11	-5.99	0.565	0.517
Linear	intercept=-90.2, slope=0.0451	0.0451	0.935	0.926	0.0582	0.051

ego\_lat\_2.9Int\_d004\_m028



e-government

Latvia

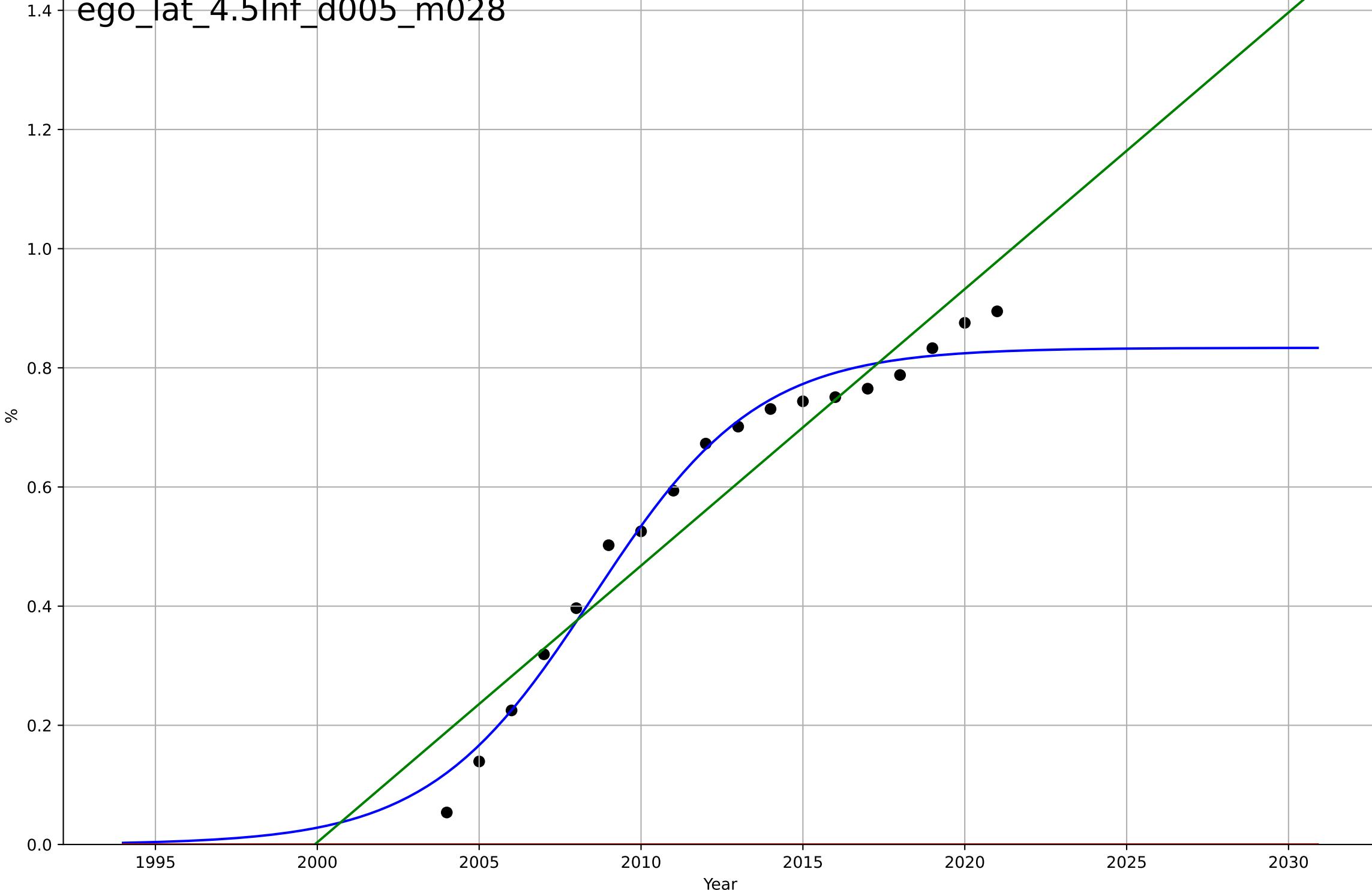
4.5 Physical Infrastructure dependence

% households with broadband internet connection

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=11.2, K=0.834$	0.393	0.981	0.977	0.0343	0.0283
Exponential	$1.55e+03 \cdot \exp(0.0053 \cdot (x - 157580))$	0.0053	-5.39	-6.25	0.636	0.584
Linear	intercept=-92.8, slope=0.0464	0.0464	0.918	0.907	0.0721	0.0635

ego\_lat\_4.5Inf\_d005\_m028



e-government

Portugal

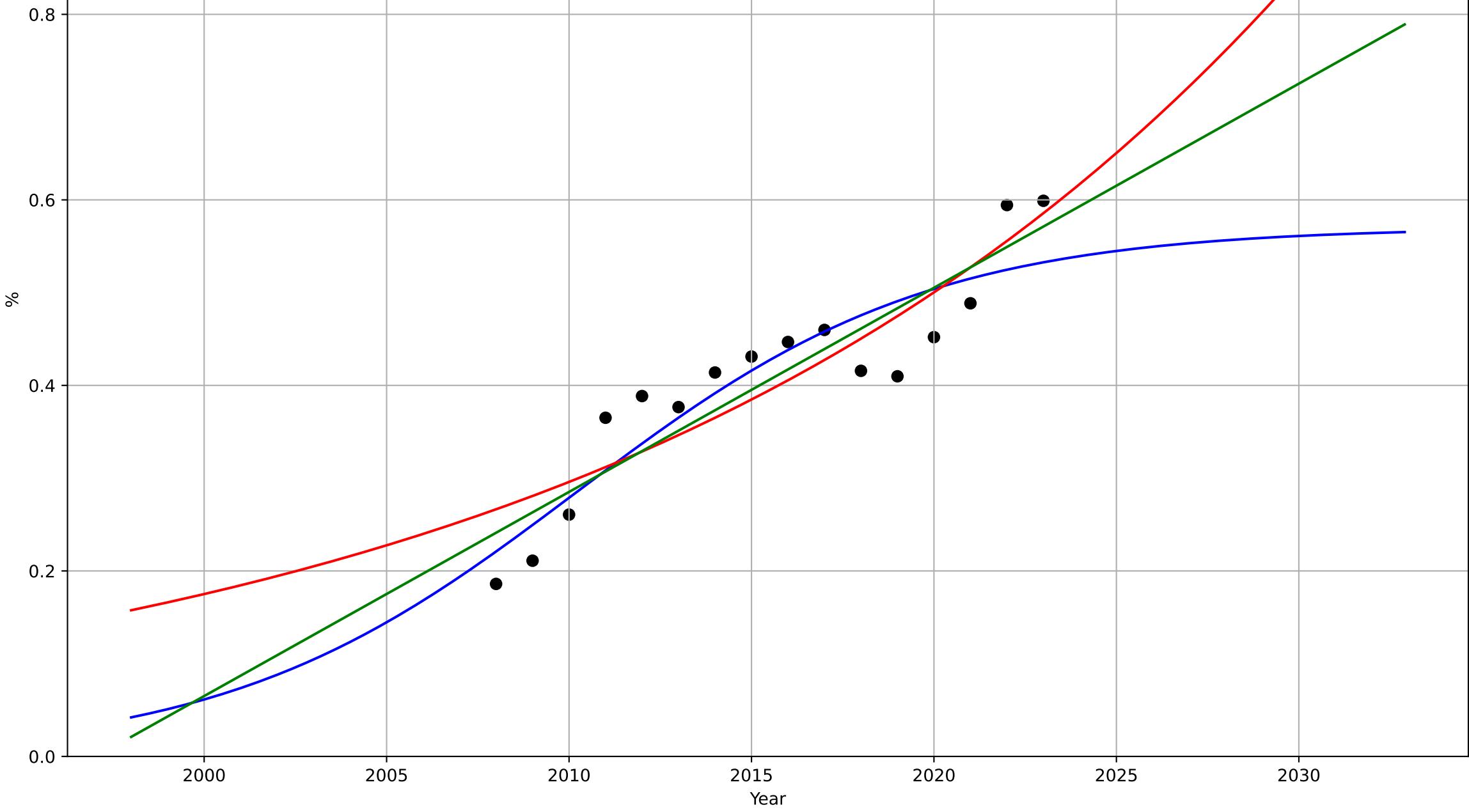
1.1 Adoption over time

% people who interacted online with public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=21.2, K=0.57	0.207	0.835	0.793	0.0452	0.0384
Exponential	0.958*exp(0.0525*(x-2032))	0.0525	0.807	0.777	0.0488	0.046
Linear	intercept=-43.9, slope=0.022	0.022	0.834	0.809	0.0452	0.0428

ego\_por\_1.1Ado\_d034\_m028



e-government

Portugal

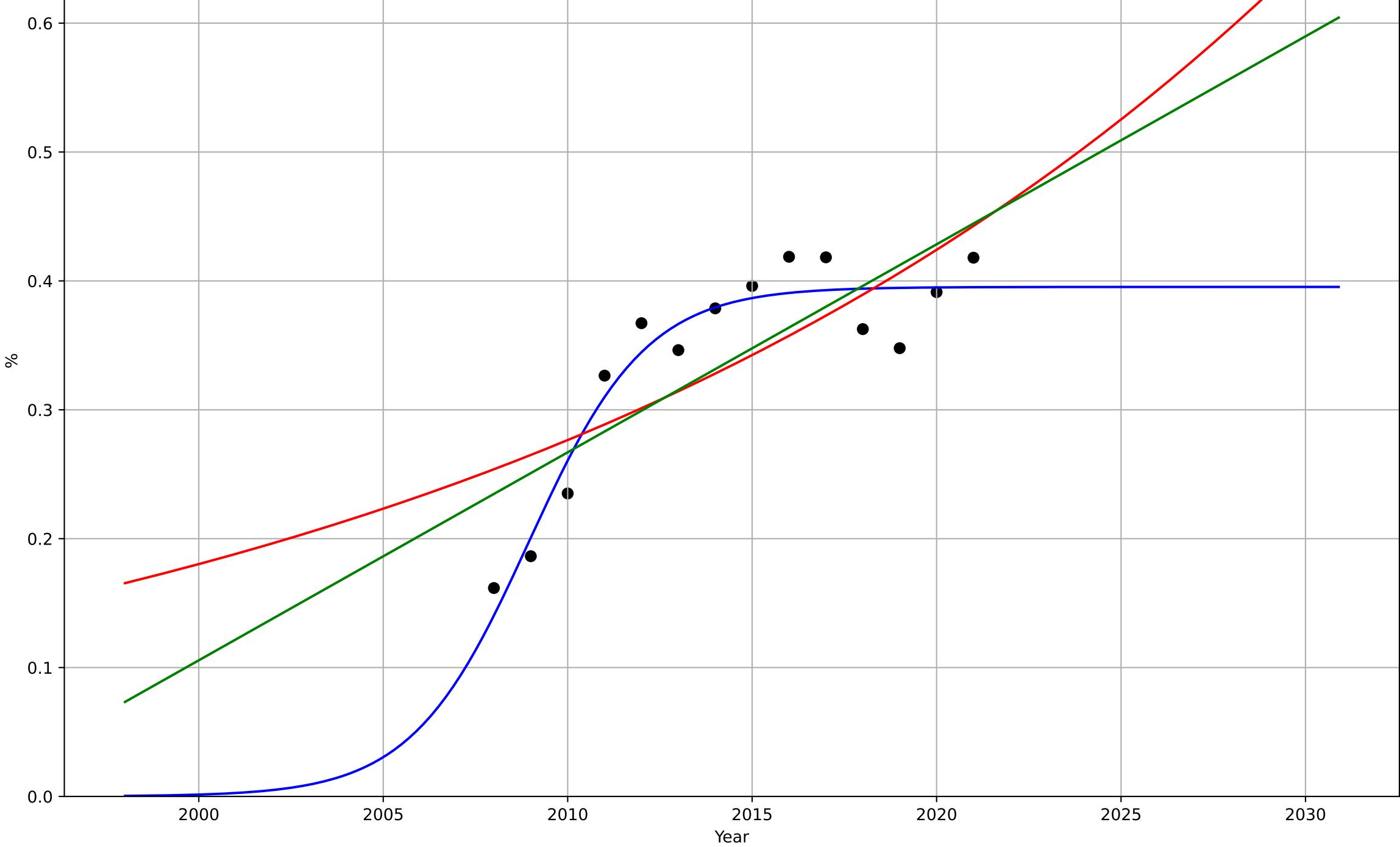
## 1.1 Adoption over time

% people who obtained information from public

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=6.99, K=0.395	0.629	0.917	0.892	0.0235	0.0206
Exponential	0.105*exp(0.0428*(x-1987))	0.0428	0.57	0.492	0.0536	0.0501
Linear	intercept=-32.2, slope=0.0161	0.0161	0.633	0.566	0.0495	0.0473

ego\_por\_1.1Ado\_d035\_m028



e-government

Portugal

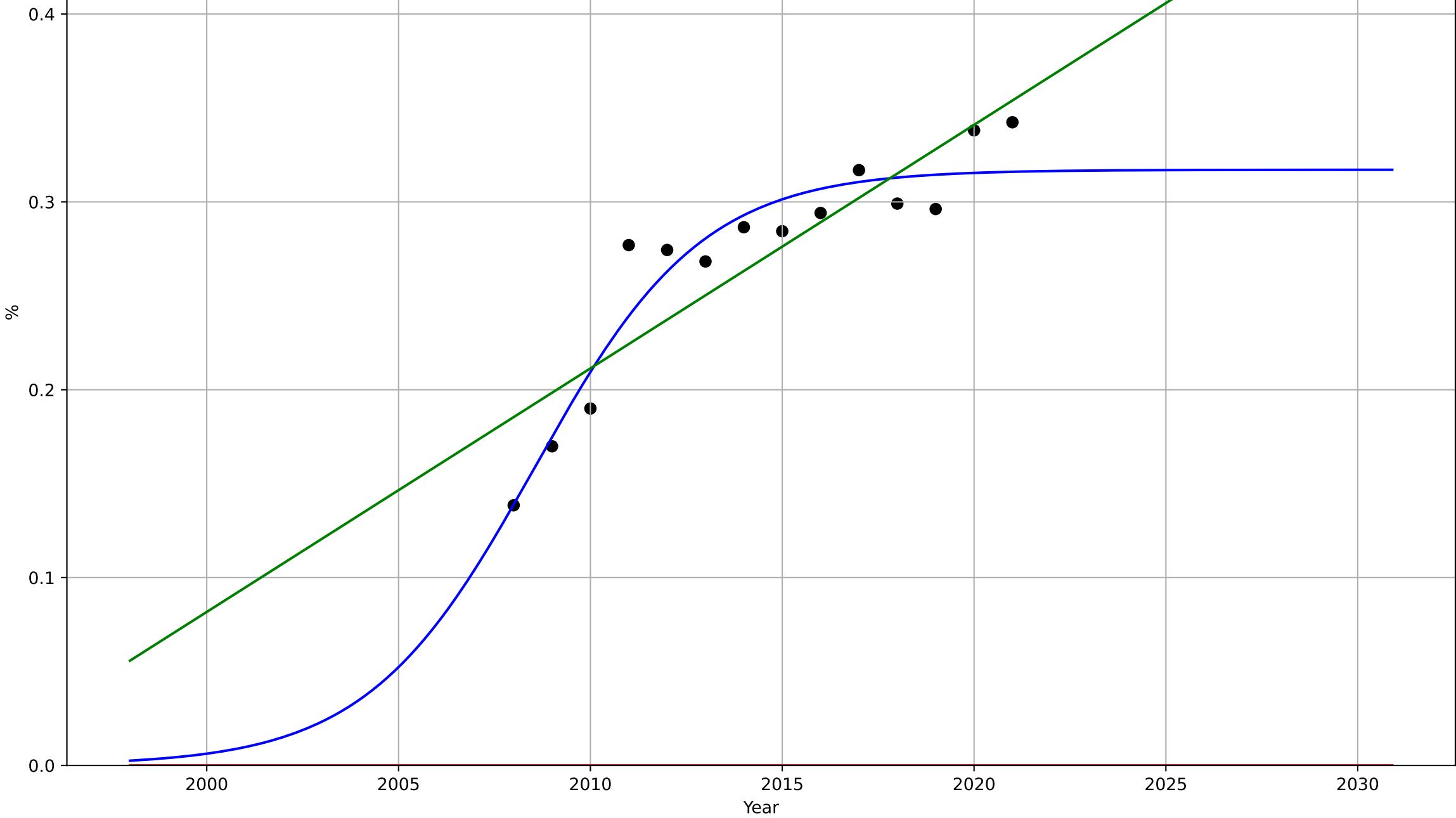
## 1.1 Adoption over time

% people who submitted completed public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=9.61, K=0.317	0.457	0.91	0.883	0.0177	0.015
Exponential	1.56e+03*exp(0.00219*(x-157503))	0.00219	-21	-25	0.276	0.27
Linear	intercept=-25.8, slope=0.013	0.013	0.789	0.751	0.027	0.0227

ego\_por\_1.1Ado\_d036\_m028



e-government

Portugal

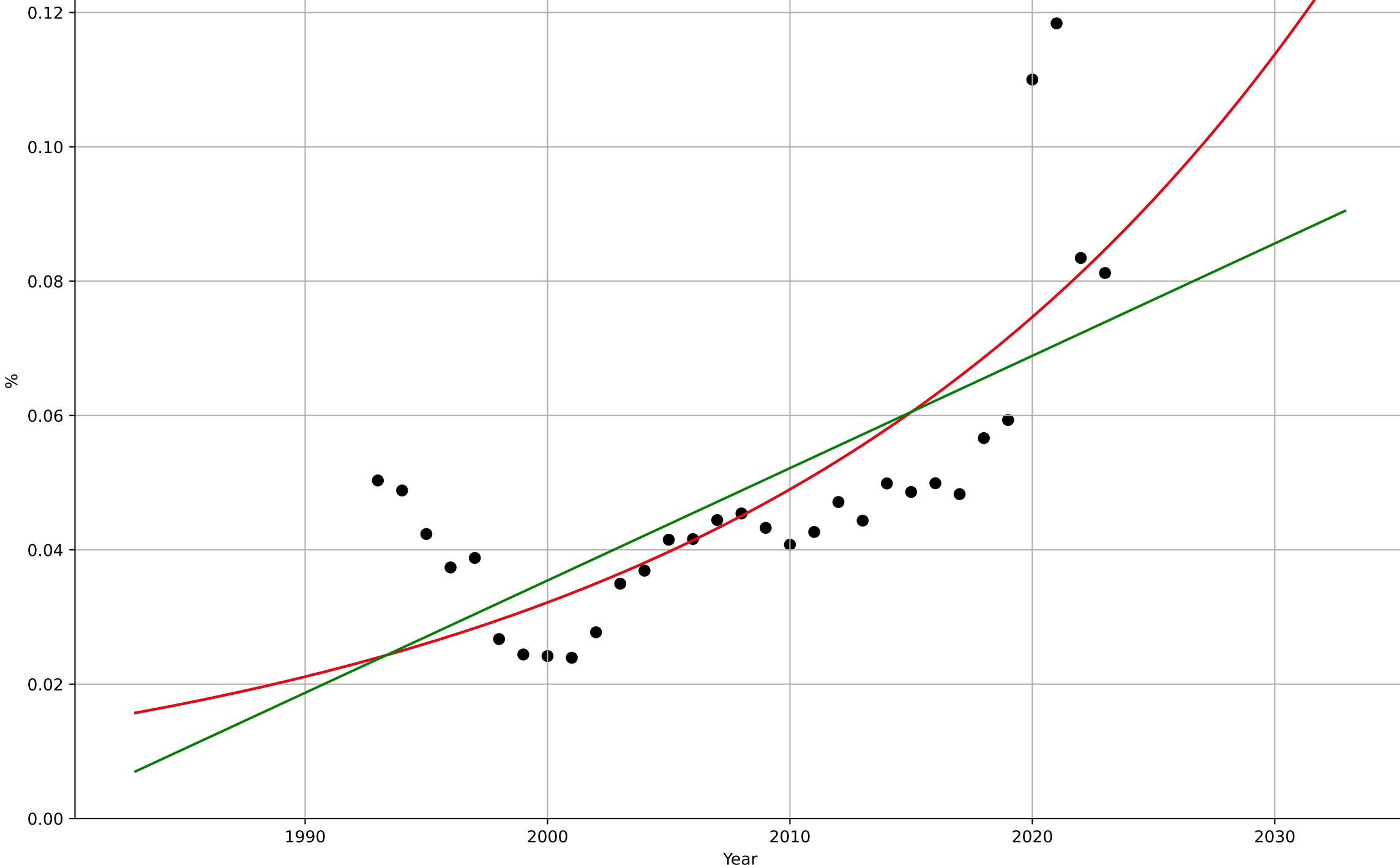
2.2 Relative Advantage (profitability)

ICT service exports (% of service exports, BoP)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2276, D_t=104, K=3.53e+03$	0.0421	0.576	0.529	0.0142	0.0104
Exponential	$6.68 \cdot \exp(0.0421 \cdot (x - 2127))$	0.0421	0.576	0.546	0.0142	0.0104
Linear	intercept=-3.31, slope=0.00167	0.00167	0.473	0.435	0.0158	0.0122

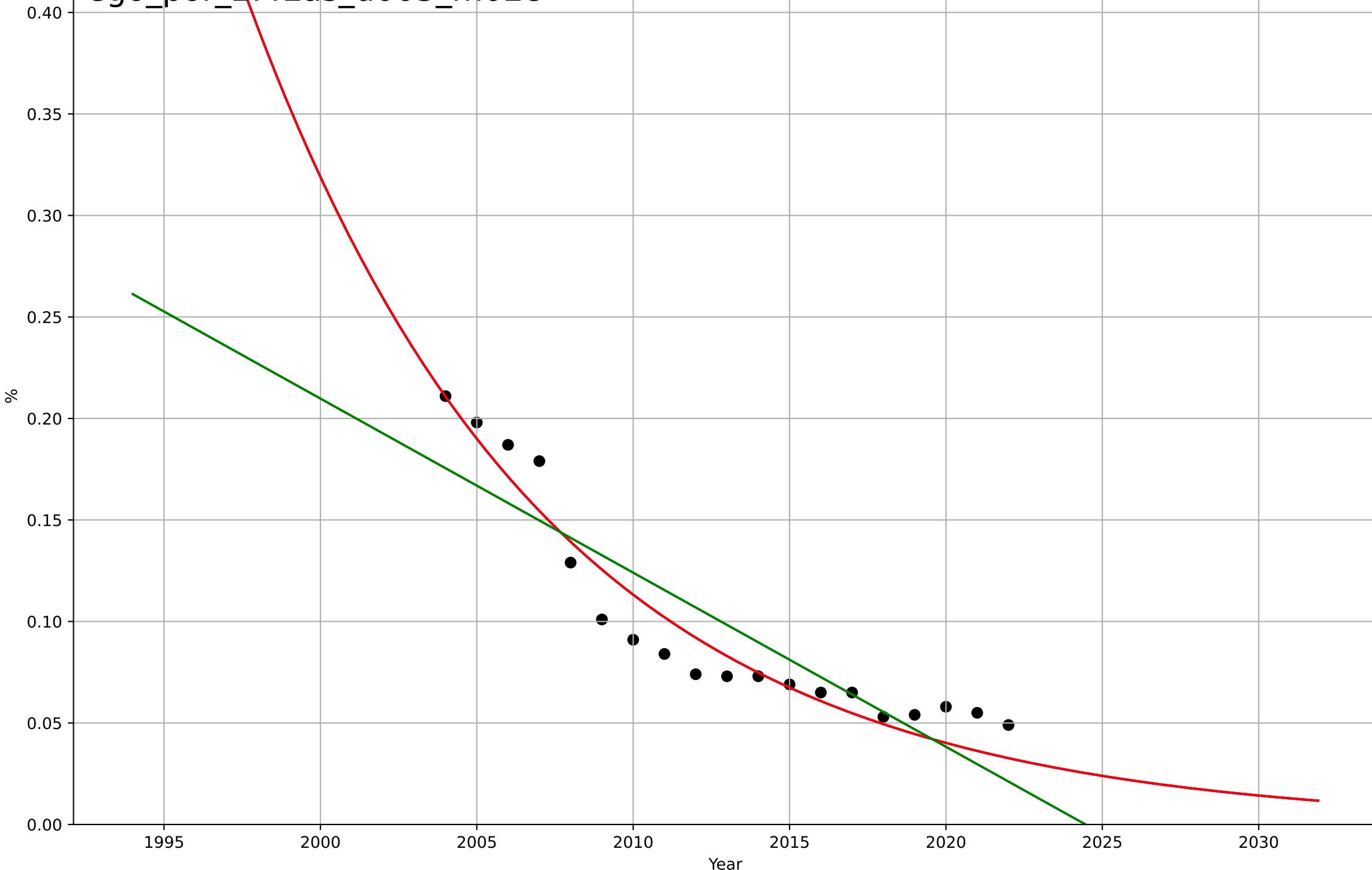
ego\_por\_2.2Rel\_d110\_m028



e-government  
Portugal  
2.4 Ease of Use / Accessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1894, Dt=-42.4, K=1.87e+04$	-0.104	0.924	0.909	0.0146	0.0124
Exponential	$12.8 \cdot \exp(-0.104 \cdot (x-1964))$	-0.104	0.924	0.915	0.0146	0.0124
Linear	intercept=17.4, slope=-0.00858	-0.00858	0.789	0.763	0.0243	0.0216

ego\_por\_2.4Eas\_d003\_m028



e-government

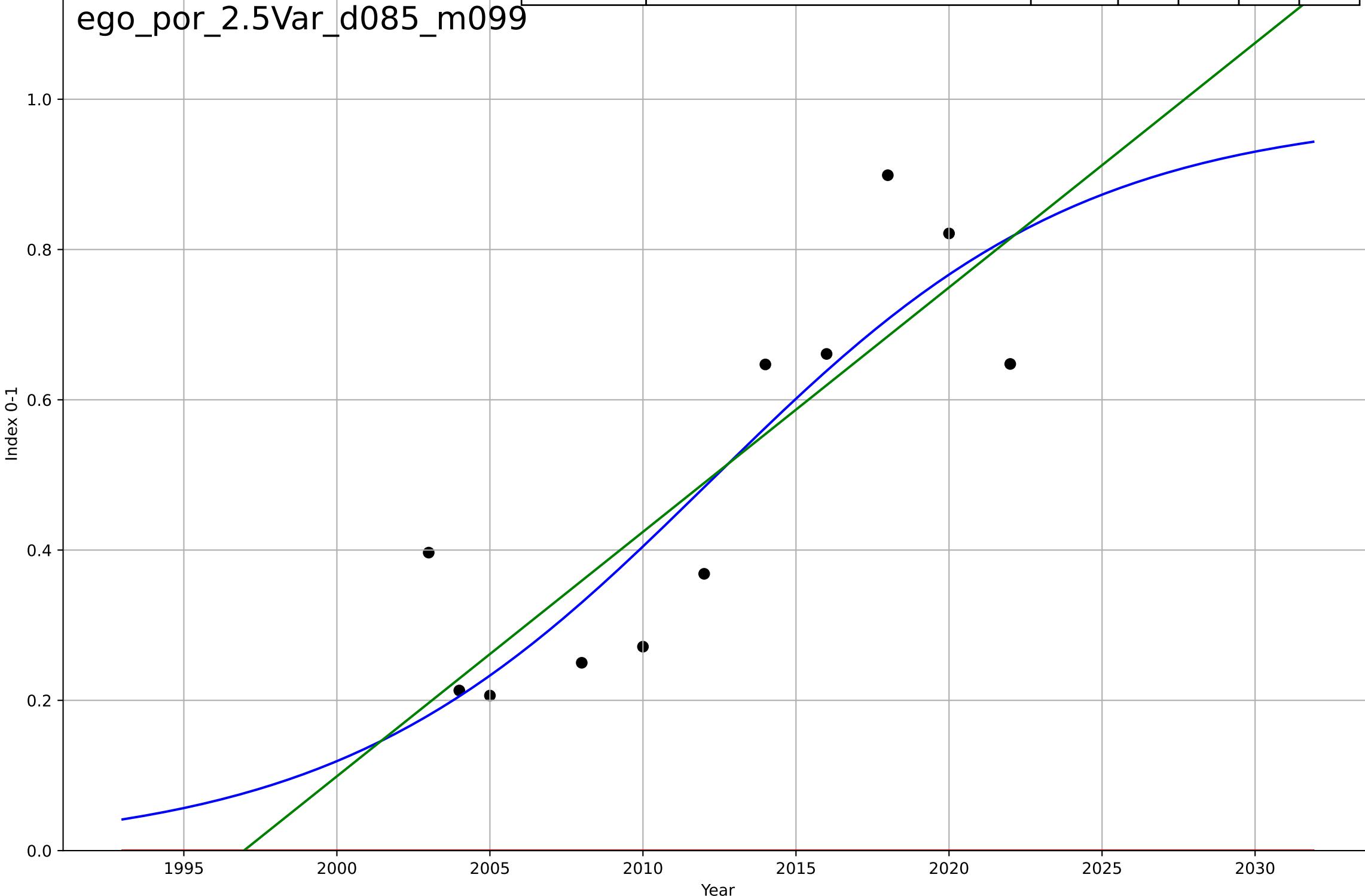
Portugal

2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)  
Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=27, K=0.982	0.163	0.749	0.642	0.121	0.1
Exponential	1.55e+03*exp(0.00401*(x-157543))	0.00401	-4.1	-5.38	0.546	0.489
Linear	intercept=-65, slope=0.0325	0.0325	0.716	0.644	0.129	0.113

ego\_por\_2.5Var\_d085\_m099



e-government

Portugal

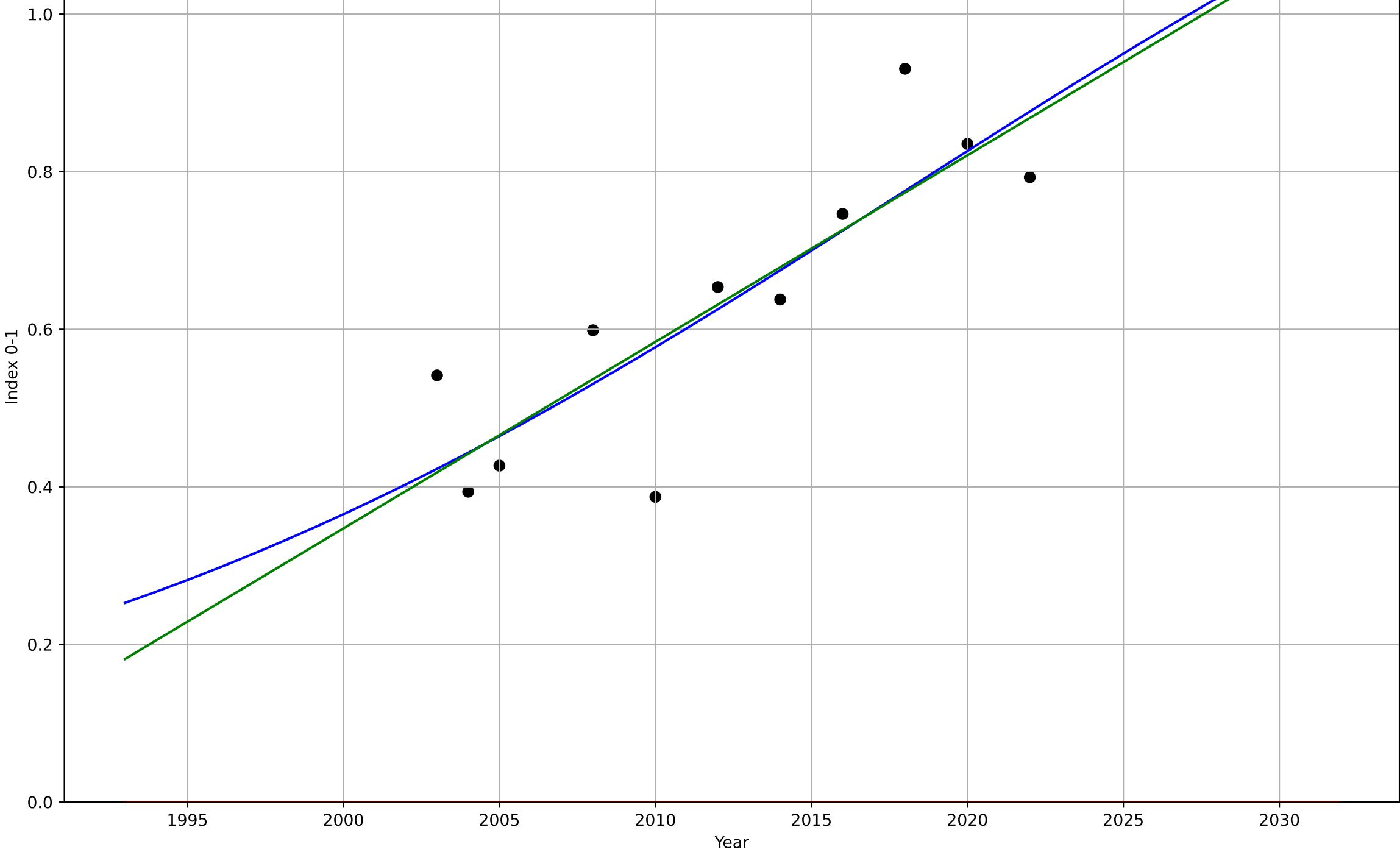
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=67, K=1.55	0.0655	0.727	0.61	0.0916	0.0725
Exponential	1.55e+03*exp(0.00317*(x-157510))	0.00317	-13	-16.5	0.655	0.631
Linear	intercept=-47, slope=0.0237	0.0237	0.72	0.65	0.0928	0.0727

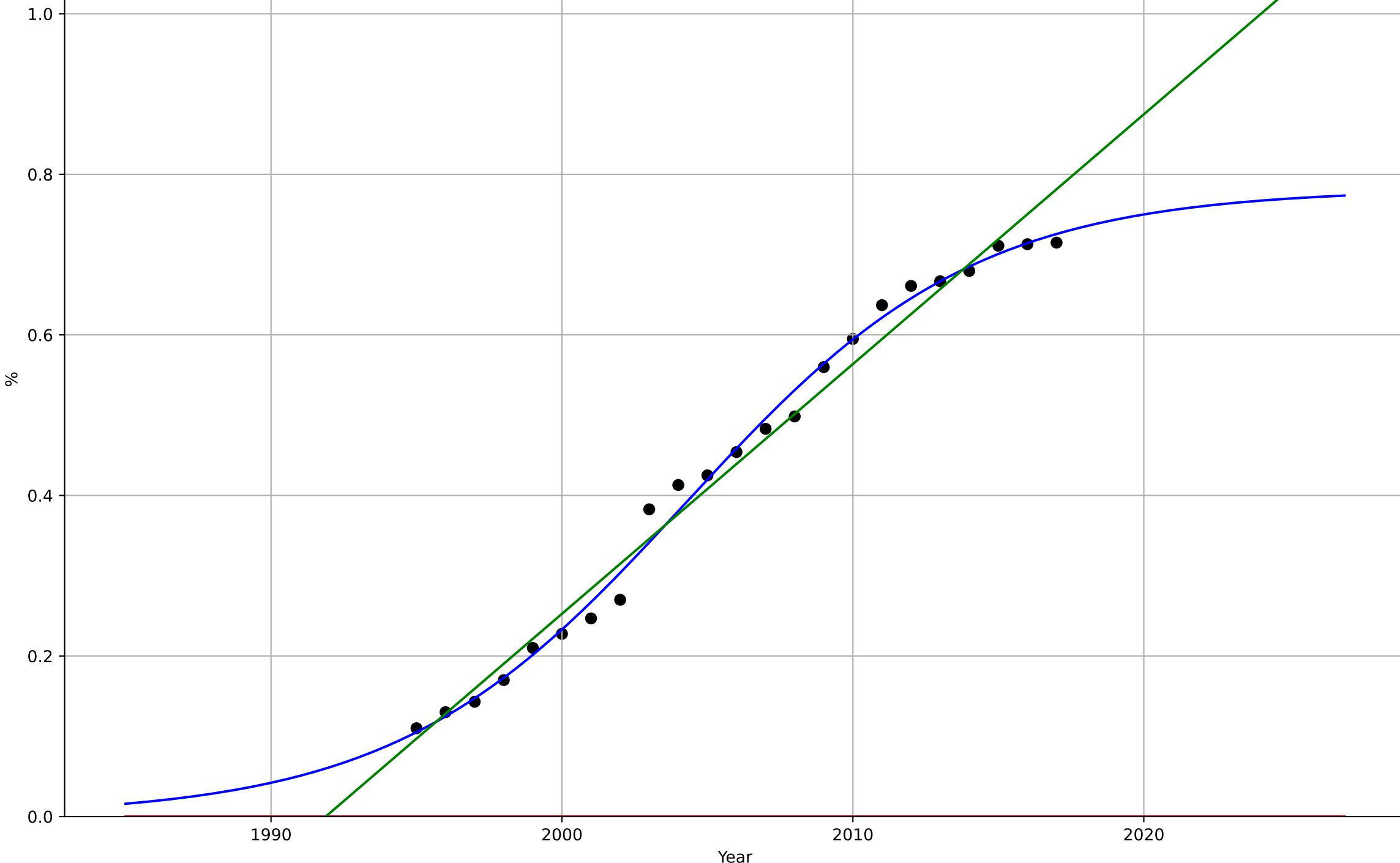
ego\_por\_2.5Var\_d147\_m099



e-government  
 Portugal  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=21.8, K=0.782	0.201	0.993	0.992	0.0168	0.0121
Exponential	1.55e+03*exp(0.0039*(x-157522))	0.0039	-4.44	-4.99	0.486	0.439
Linear	intercept=-62, slope=0.0311	0.0311	0.981	0.979	0.0288	0.0242

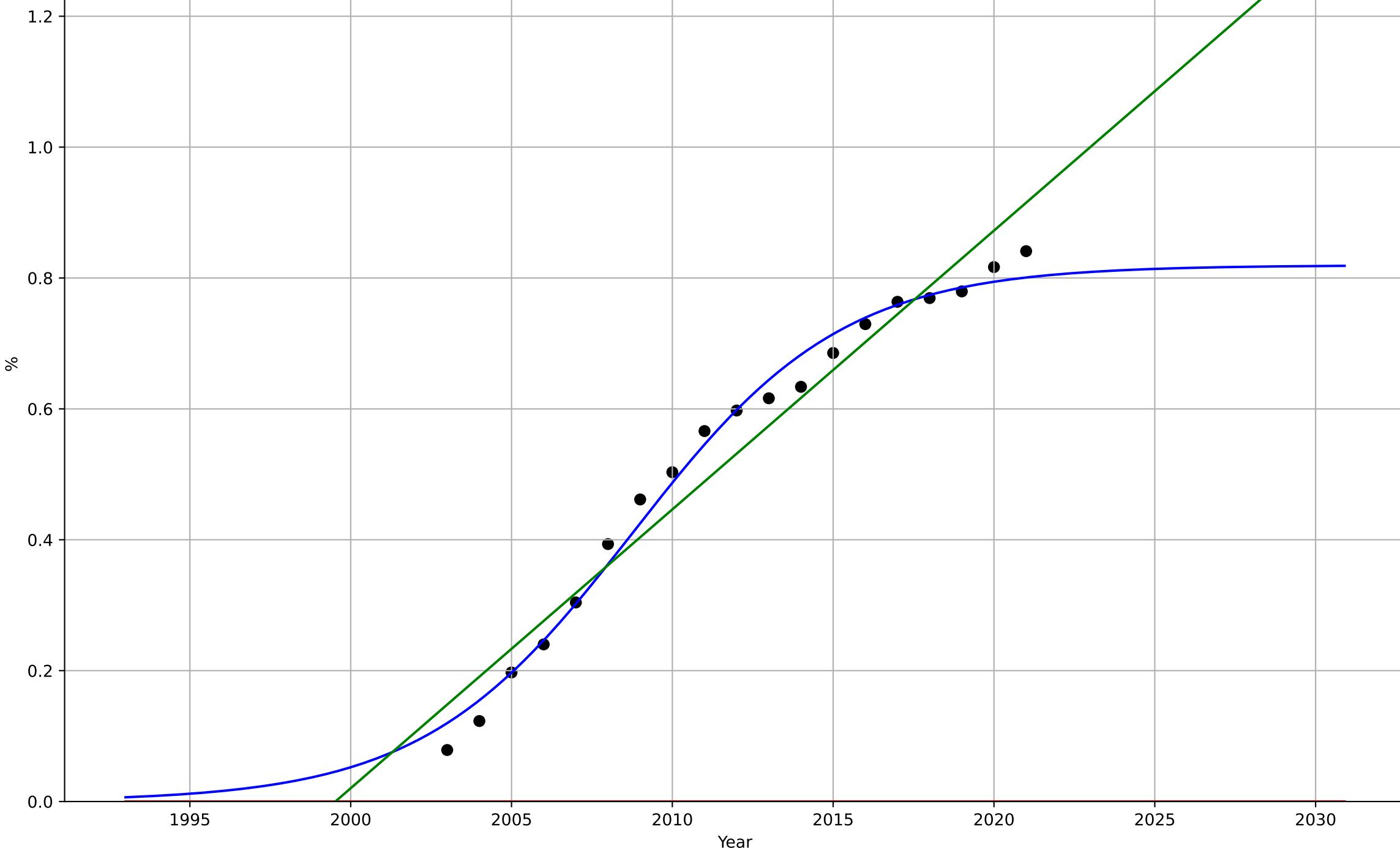
ego\_por\_2.9Int\_d004\_m028



e-government  
Portugal  
4.5 Physical Infrastructure dependence  
% households with broadband internet connection  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=14.3, K=0.819	0.307	0.989	0.987	0.0252	0.02
Exponential	1.55e+03*exp(0.00495*(x-157570))	0.00495	-4.97	-5.72	0.583	0.532
Linear	intercept=-85.2, slope=0.0426	0.0426	0.958	0.953	0.0489	0.0444

ego\_por\_4.5Inf\_d005\_m028



e-government

Sweden

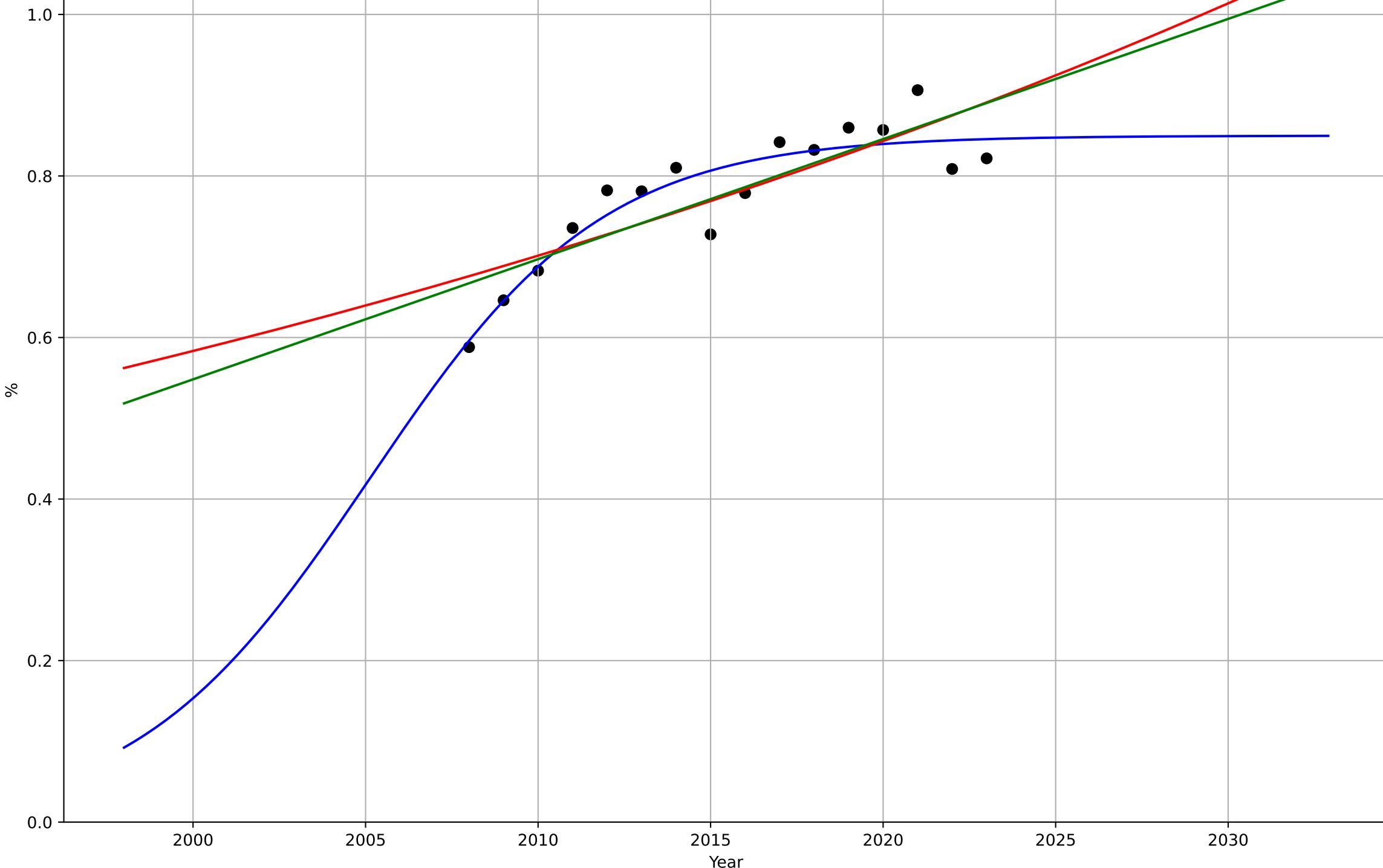
1.1 Adoption over time

% people who interacted online with public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2005, D_t=14.8, K=0.85$	0.296	0.848	0.81	0.0319	0.0237
Exponential	$2.99 \cdot \exp(0.0184 \cdot (x-2089))$	0.0184	0.677	0.627	0.0465	0.0411
Linear	intercept=-29.2, slope=0.0149	0.0149	0.702	0.656	0.0447	0.0395

ego\_swe\_1.1Ado\_d034\_m028



e-government

Sweden

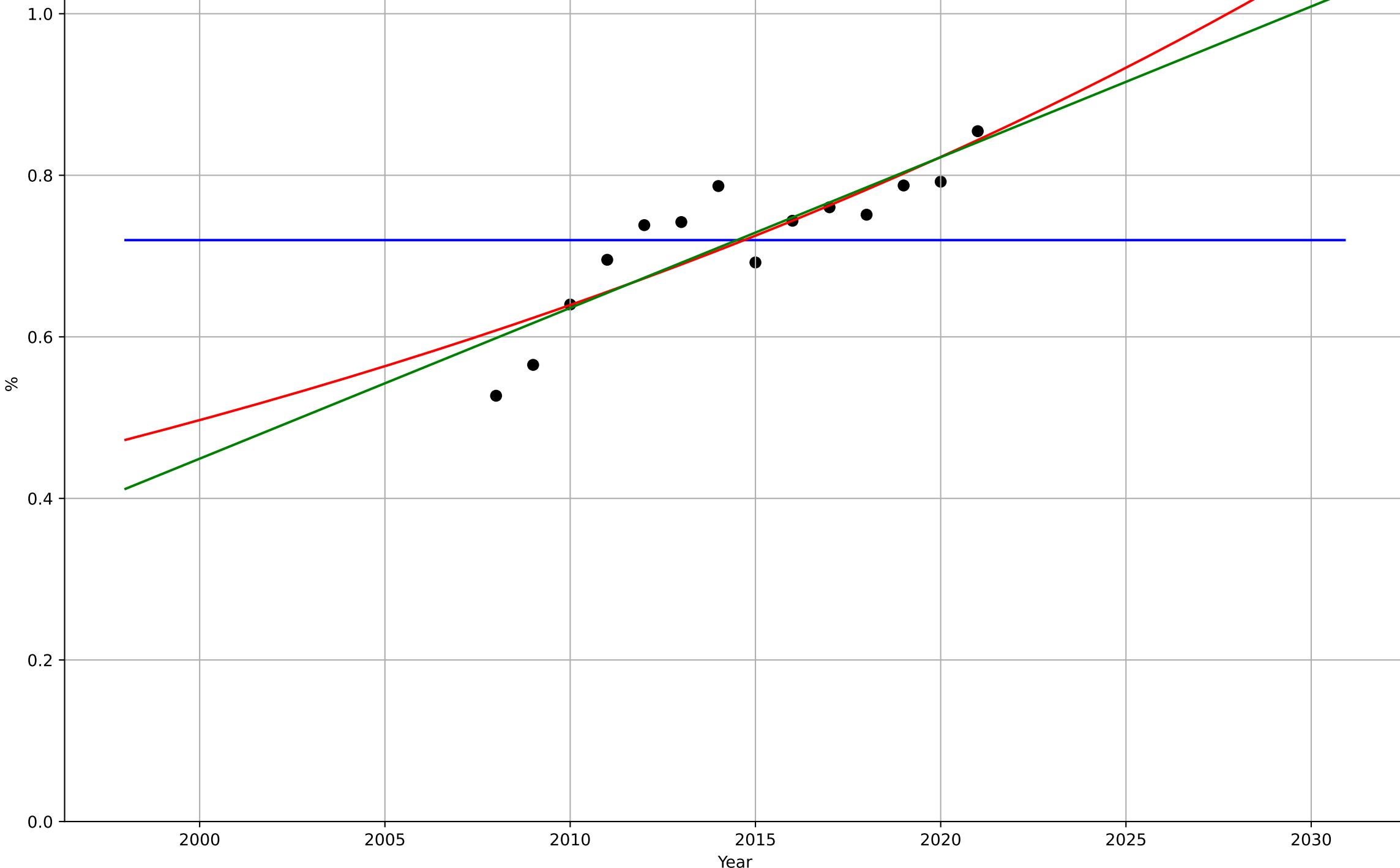
1.1 Adoption over time

% people who obtained information from public

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2522, Dt=-65.1, K=0.72	-0.0675	-5.11e-15	-0.3	0.0867	0.0684
Exponential	0.268*exp(0.0252*(x-1976))	0.0252	0.732	0.683	0.0449	0.0357
Linear	intercept=-36.9, slope=0.0187	0.0187	0.753	0.708	0.0431	0.0358

ego\_swe\_1.1Ado\_d035\_m028



e-government

Sweden

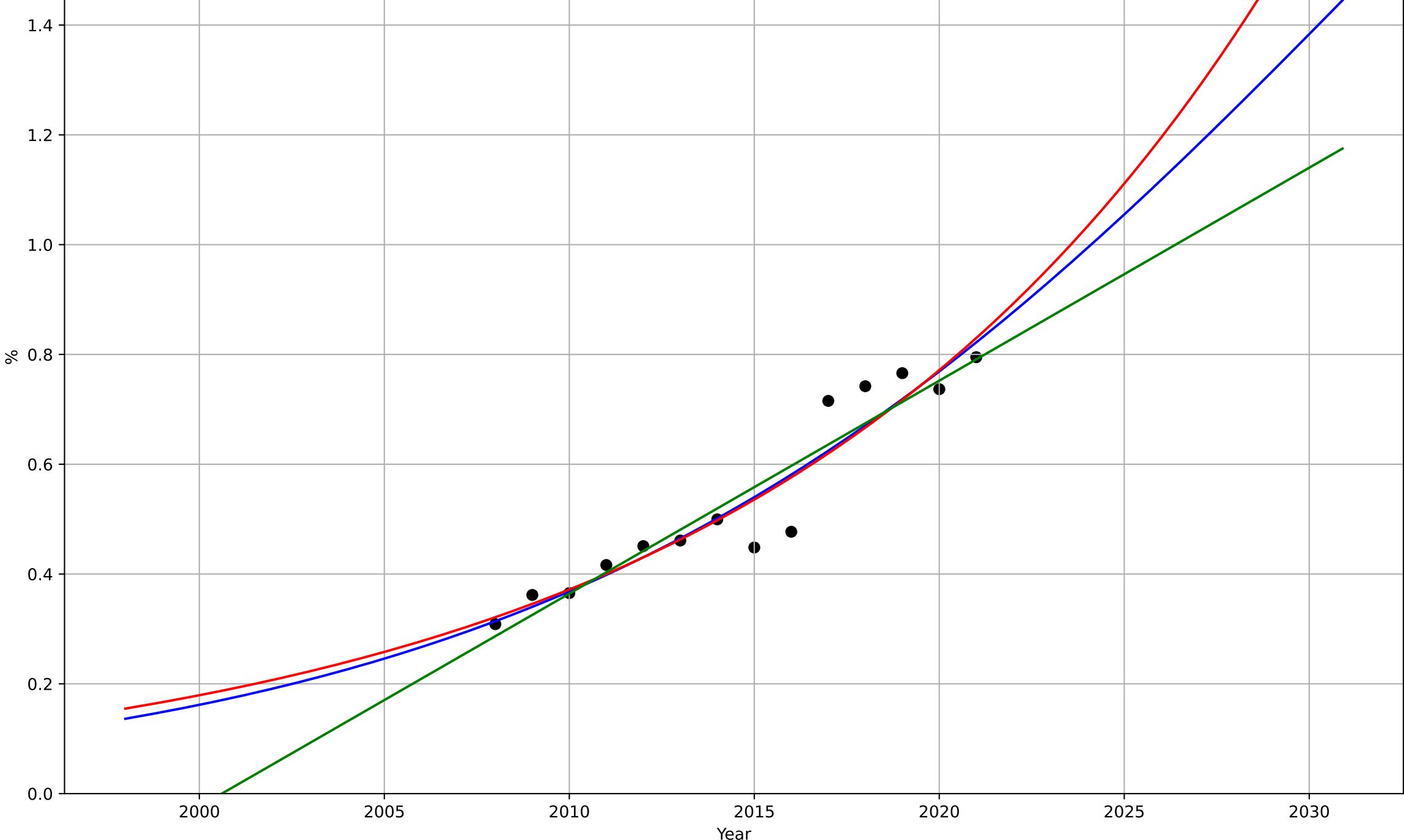
## 1.1 Adoption over time

% people who submitted completed public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2032, Dt=49, K=3.08	0.0896	0.902	0.872	0.0521	0.0385
Exponential	5.74*exp(0.073*(x-2047))	0.073	0.901	0.883	0.0523	0.0394
Linear	intercept=-77.6, slope=0.0388	0.0388	0.888	0.867	0.0556	0.0407

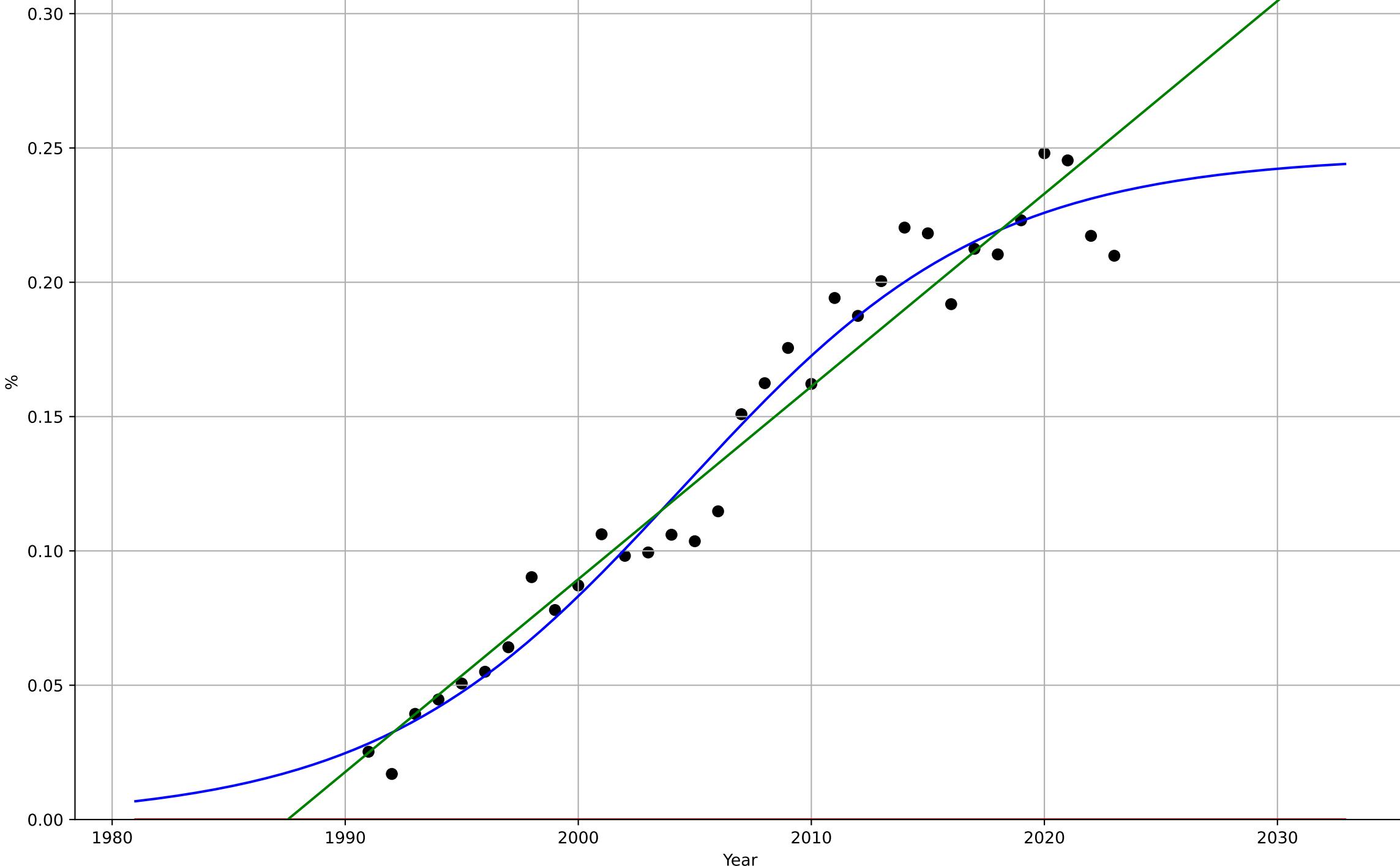
ego\_swe\_1.1Ado\_d036\_m028



e-government  
Sweden  
2.2 Relative Advantage (profitability)  
ICT service exports (% of service exports, BoP)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2004, D_t=29, K=0.247$	0.152	0.966	0.962	0.0129	0.0104
Exponential	$1.56e+03 \cdot \exp(0.00166 \cdot (x-157476))$	0.00166	-3.96	-4.29	0.156	0.14
Linear	intercept=-14.3, slope=0.00718	0.00718	0.948	0.945	0.016	0.0123

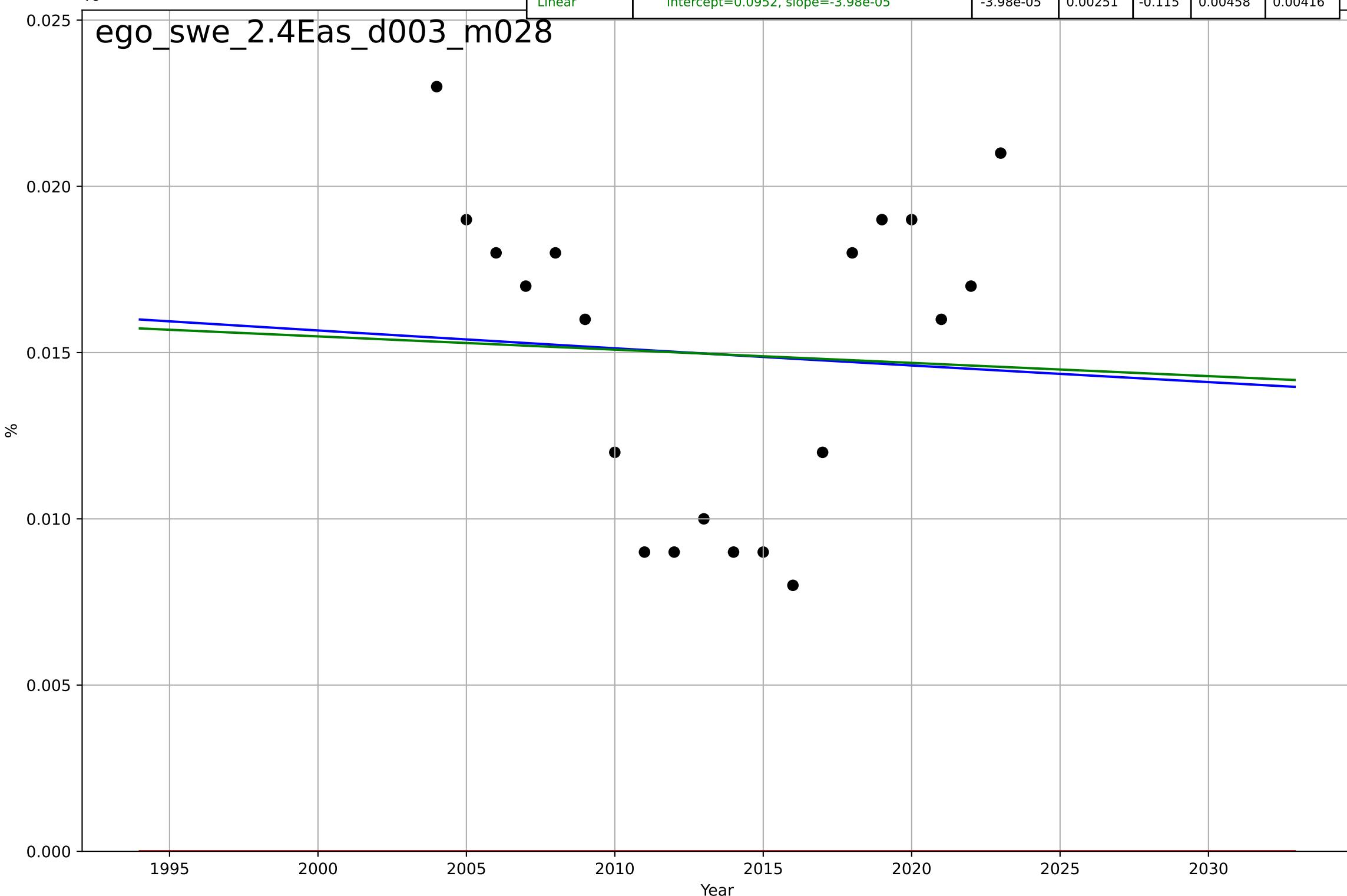
ego\_swe\_2.2Rel\_d110\_m028



e-government  
Sweden  
2.4 Ease of Use / Acccessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=79, Dt=-1.26e+03, K=12.7$	-0.00348	0.00327	-0.184	0.00458	0.00416
Exponential	$1.56e+03 \cdot \exp(0.000995 \cdot (x-157474))$	0.000995	-10.6	-12	0.0156	0.0149
Linear	intercept=0.0952, slope=-3.98e-05	-3.98e-05	0.00251	-0.115	0.00458	0.00416

ego\_swe\_2.4Eas\_d003\_m028



e-government

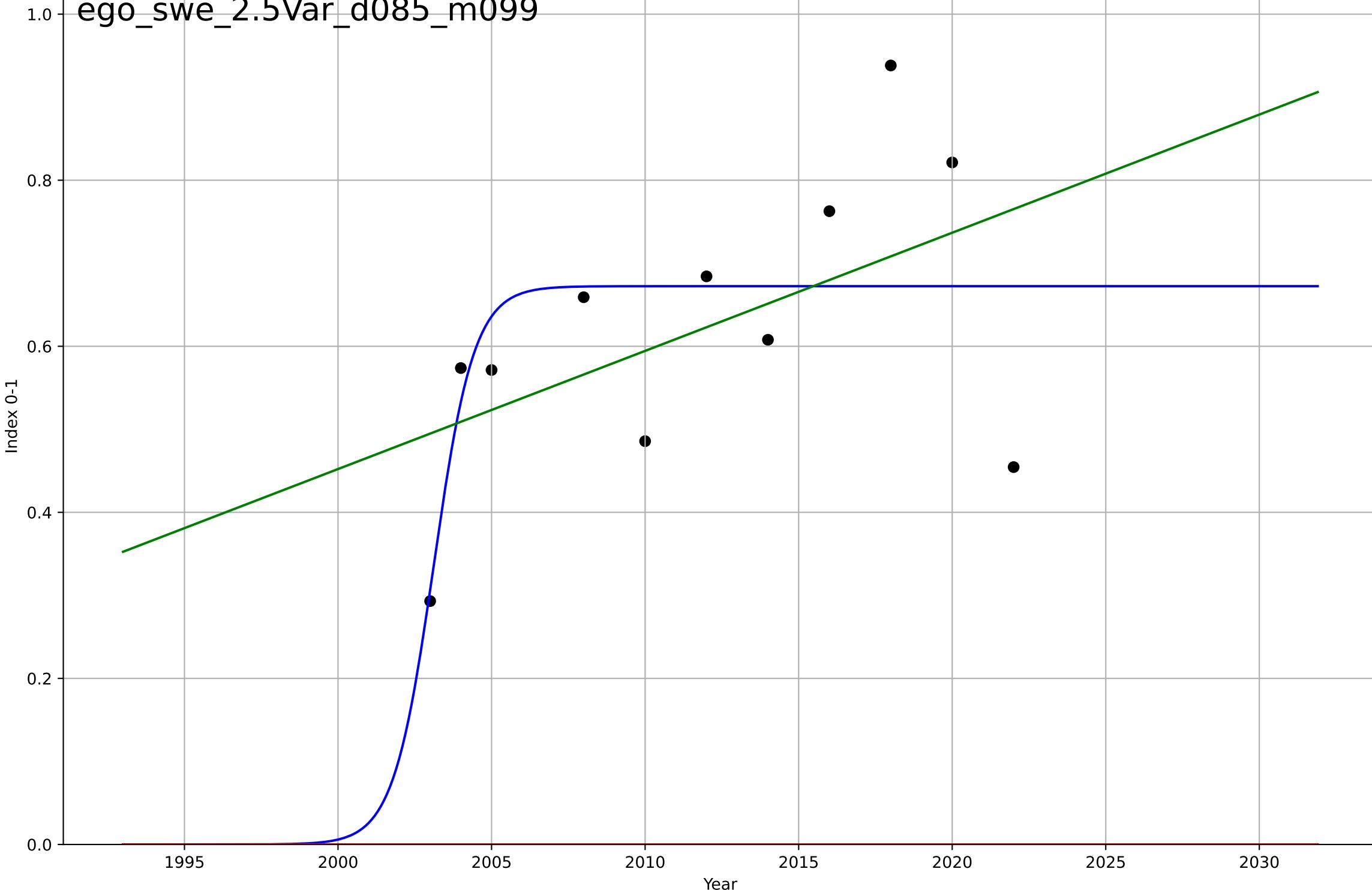
Sweden

2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)  
Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=2.9, K=0.672$	1.52	0.403	0.147	0.133	0.102
Exponential	$1.56e+03 \cdot \exp(0.00227 \cdot (x-157483))$	0.00227	-13.1	-16.7	0.646	0.623
Linear	intercept=-28, slope=0.0142	0.0142	0.271	0.0884	0.147	0.121

ego\_swe\_2.5Var\_d085\_m099



e-government

Sweden

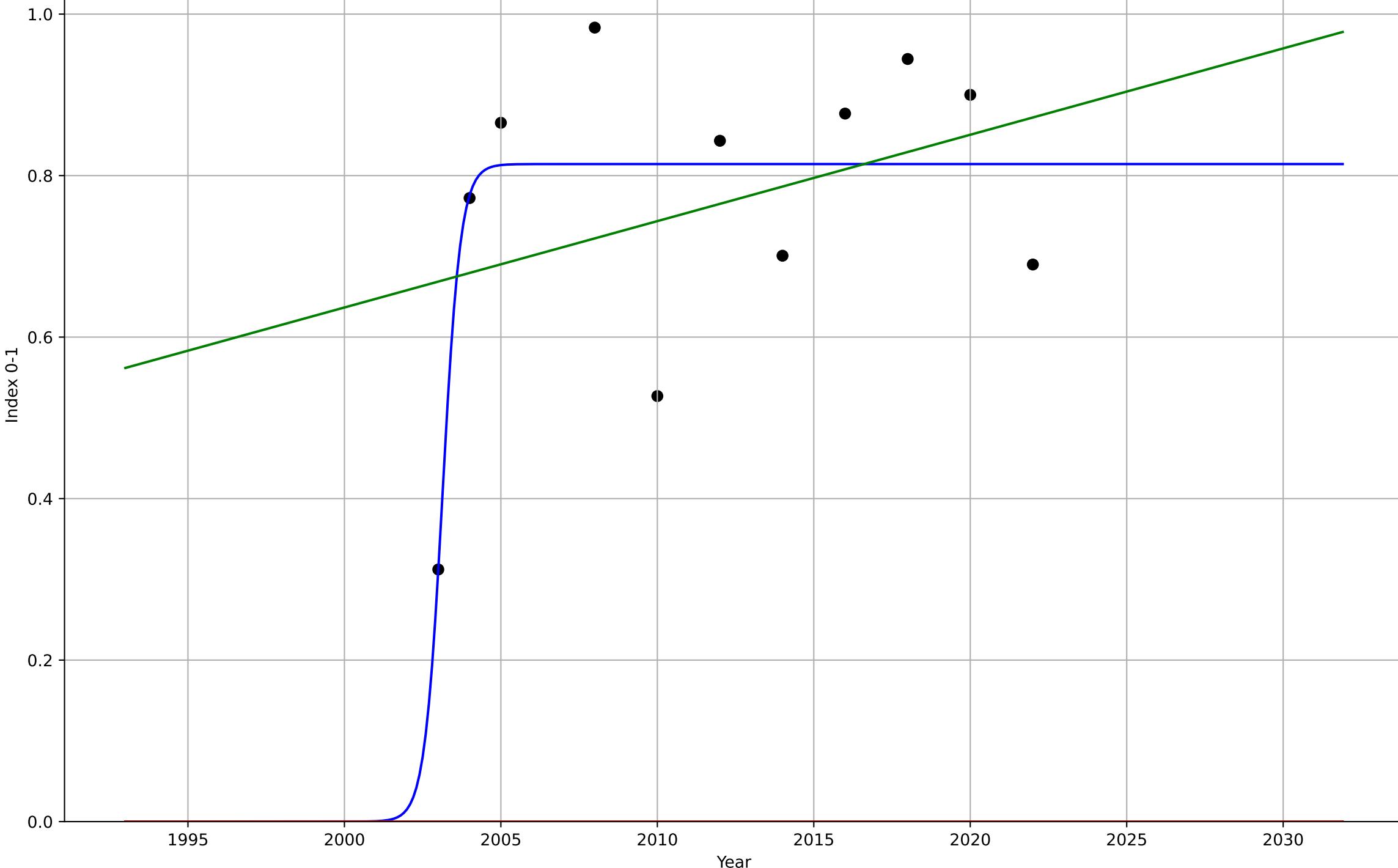
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2003, Dt=1.26, K=0.814$	3.48	0.57	0.386	0.125	0.0961
Exponential	$1.56e+03 \cdot \exp(0.00193 \cdot (x-157465))$	0.00193	-16.2	-20.5	0.788	0.765
Linear	intercept=-20.8, slope=0.0107	0.0107	0.125	-0.0942	0.178	0.153

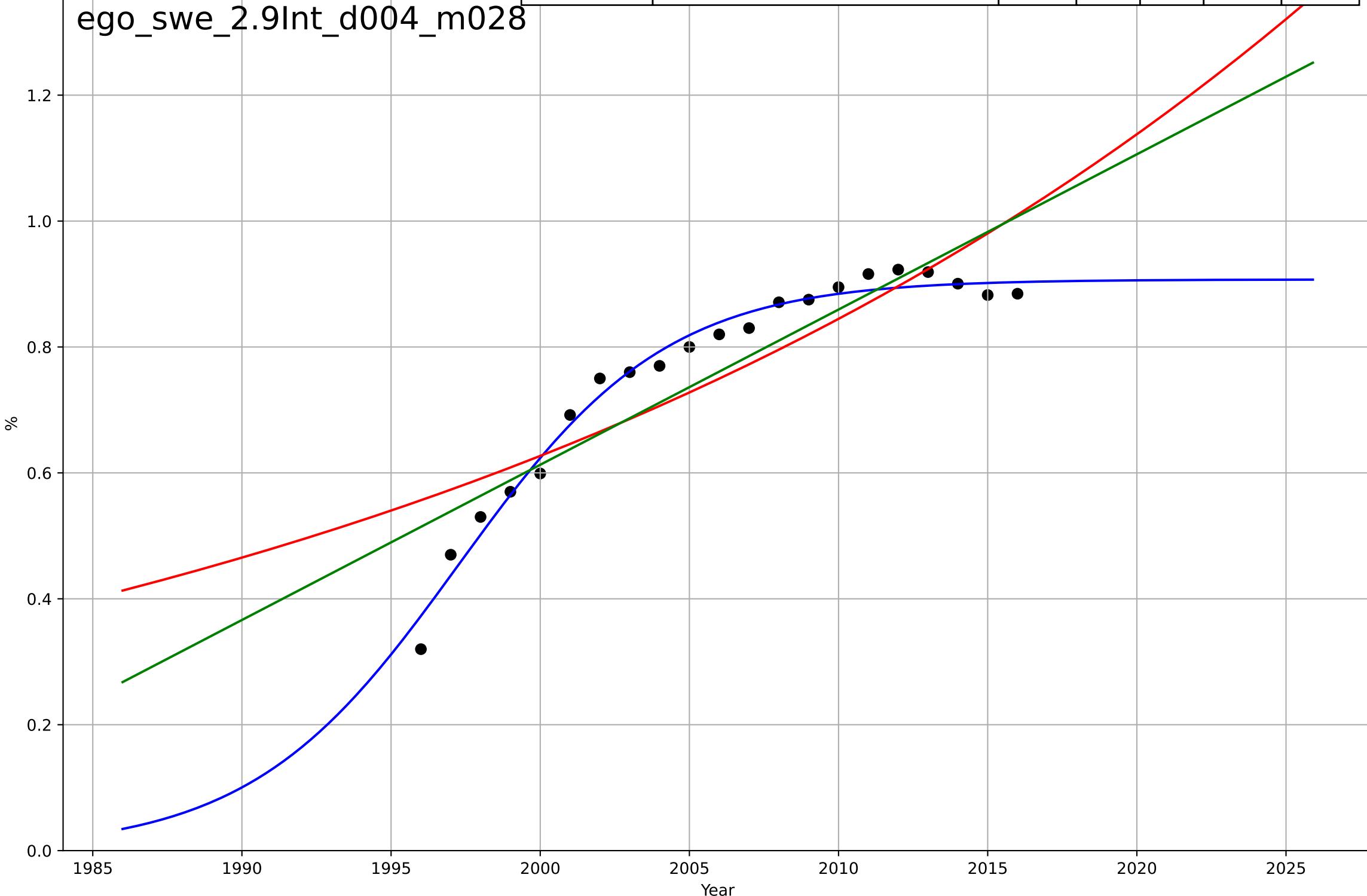
ego\_swe\_2.5Var\_d147\_m099



e-government  
 Sweden  
 2.9 Inter-dependence with hardware  
 % households with a computer  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=15.3, K=0.907$	0.287	0.981	0.978	0.0228	0.0192
Exponential	$0.981 \cdot \exp(0.0298 \cdot (x-2015))$	0.0298	0.746	0.718	0.0836	0.0699
Linear	intercept=-48.7, slope=0.0247	0.0247	0.81	0.789	0.0722	0.0594

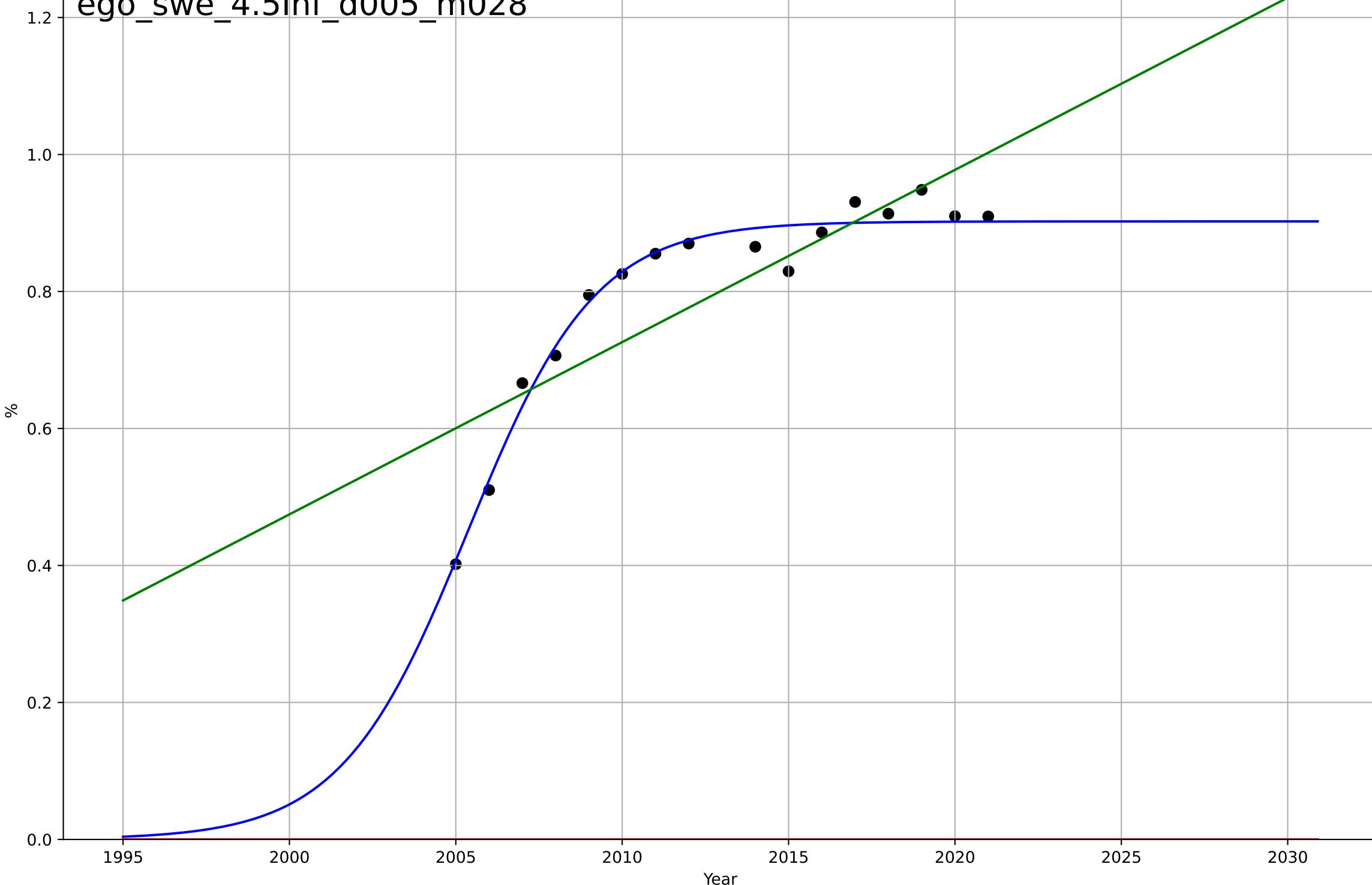
ego\_swe\_2.9Int\_d004\_m028



e-government  
Sweden  
4.5 Physical Infrastructure dependence  
% households with broadband internet connecti  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=8.4, K=0.902	0.523	0.971	0.964	0.0256	0.0188
Exponential	1.55e+03*exp(0.00328*(x-157508))	0.00328	-28	-32.5	0.816	0.801
Linear	intercept=-49.8, slope=0.0251	0.0251	0.704	0.658	0.0824	0.0643

ego\_swe\_4.5Inf\_d005\_m028



e-government

UK

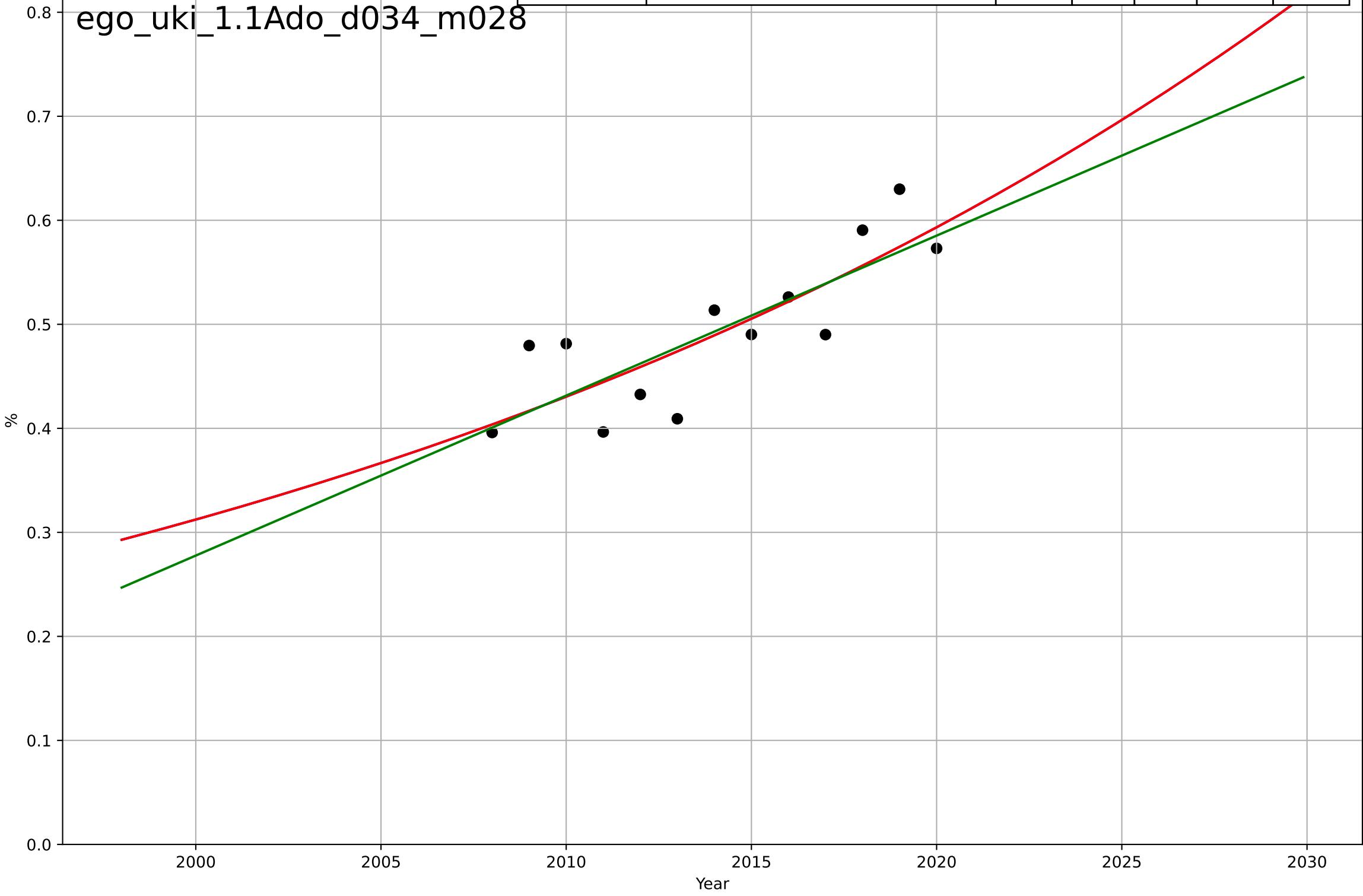
1.1 Adoption over time

% people who interacted online with public auth

%

ego\_uki\_1.1Ado\_d034\_m028

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2303, D_t=137, K=5.24e+03$	0.0321	0.672	0.562	0.0408	0.0356
Exponential	$2.27 \cdot \exp(0.0321 \cdot (x-2062))$	0.0321	0.672	0.606	0.0408	0.0356
Linear	intercept=-30.5, slope=0.0154	0.0154	0.653	0.584	0.0419	0.0358



e-government

UK

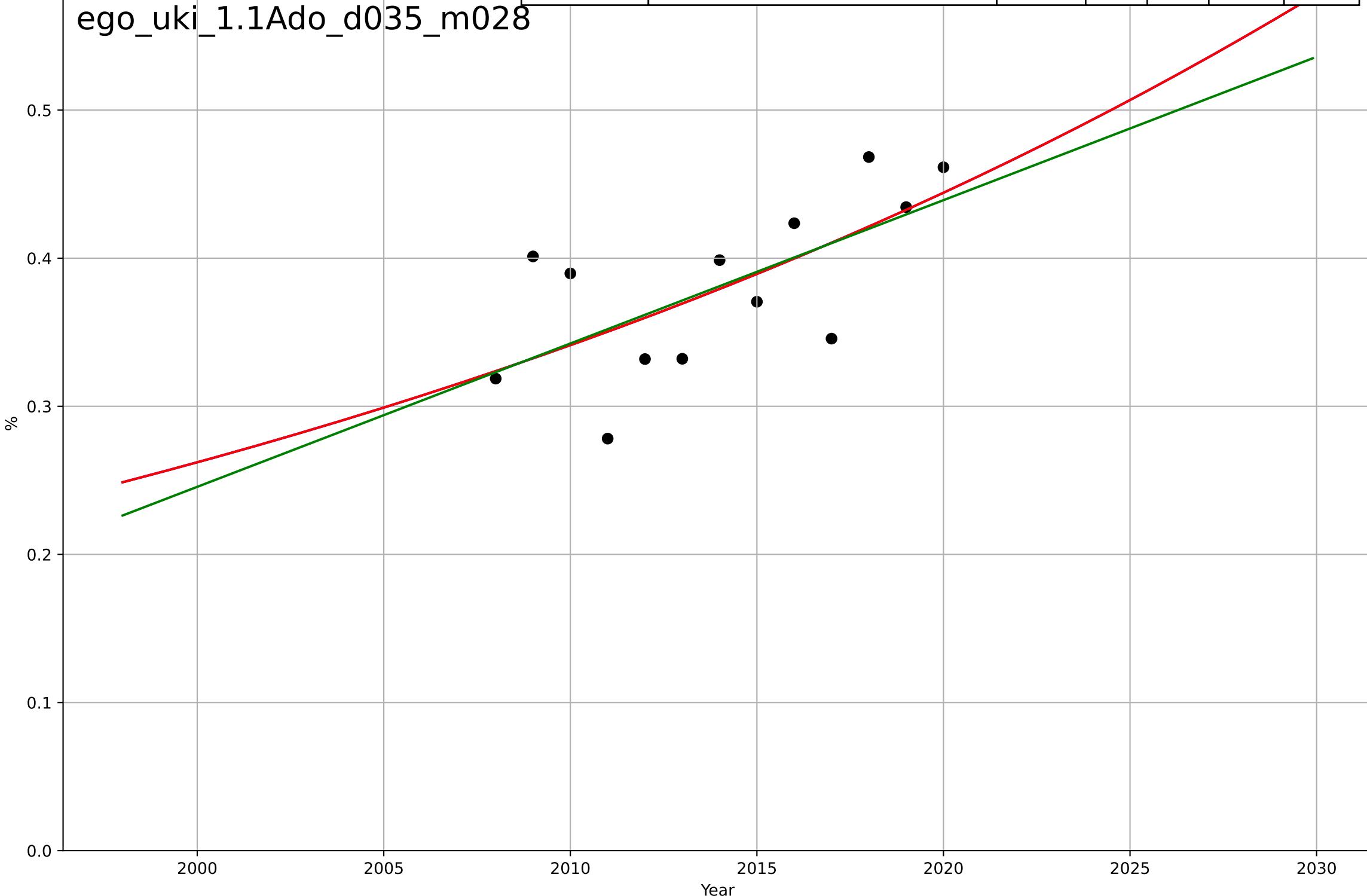
1.1 Adoption over time

% people who obtained information from public

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2345, D_t=167, K=2.37e+03$	0.0264	0.441	0.254	0.0416	0.0348
Exponential	$2.84 \cdot \exp(0.0264 \cdot (x-2090))$	0.0264	0.441	0.329	0.0416	0.0348
Linear	intercept=-19.1, slope=0.00968	0.00968	0.424	0.309	0.0422	0.0357

ego\_uki\_1.1Ado\_d035\_m028



e-government

UK

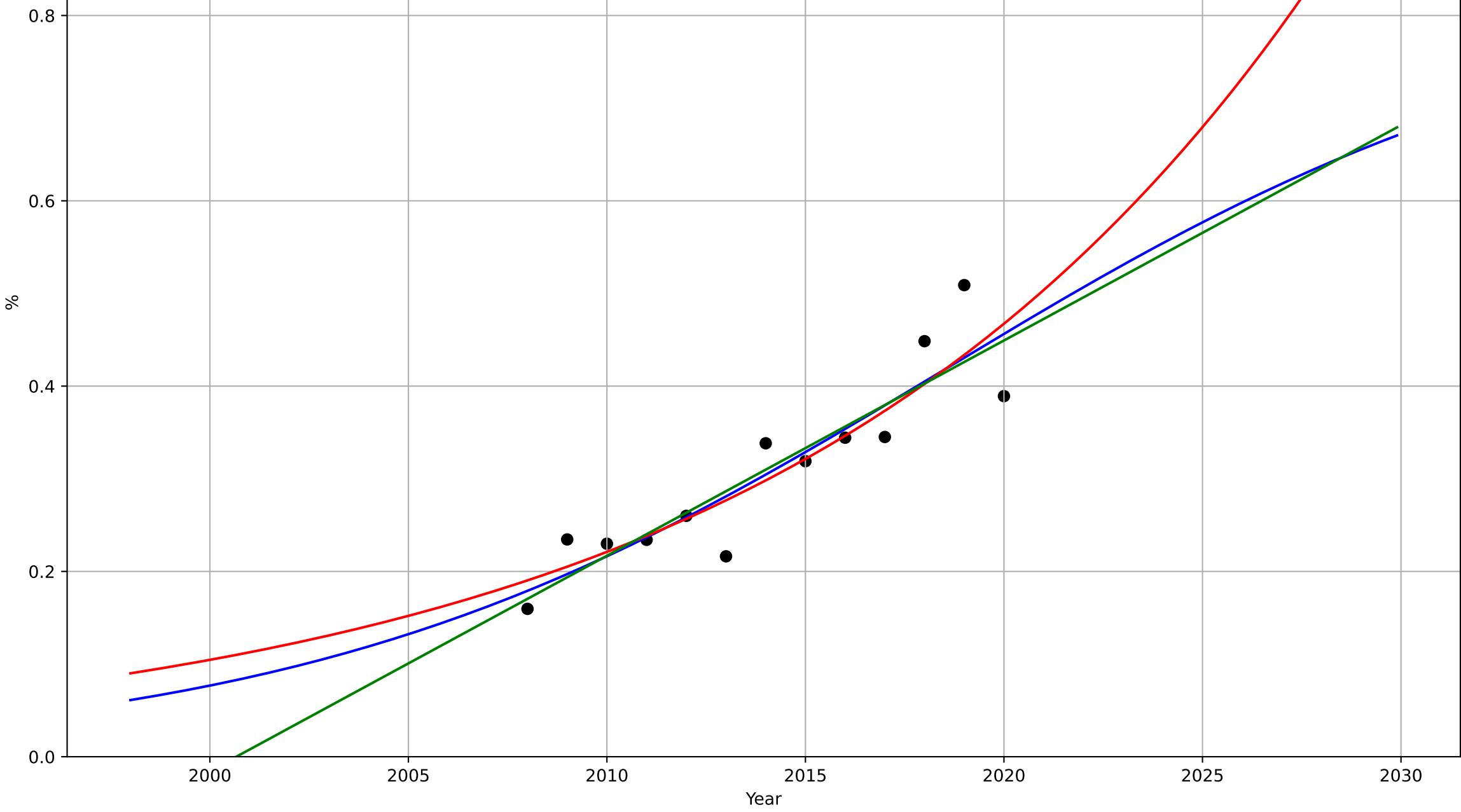
1.1 Adoption over time

% people who submitted completed public auth

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=35.4, K=0.832$	0.124	0.824	0.765	0.0404	0.032
Exponential	$0.881 \cdot \exp(0.0749 \cdot (x-2028))$	0.0749	0.818	0.781	0.041	0.0315
Linear	intercept=-46.5, slope=0.0232	0.0232	0.818	0.782	0.041	0.0325

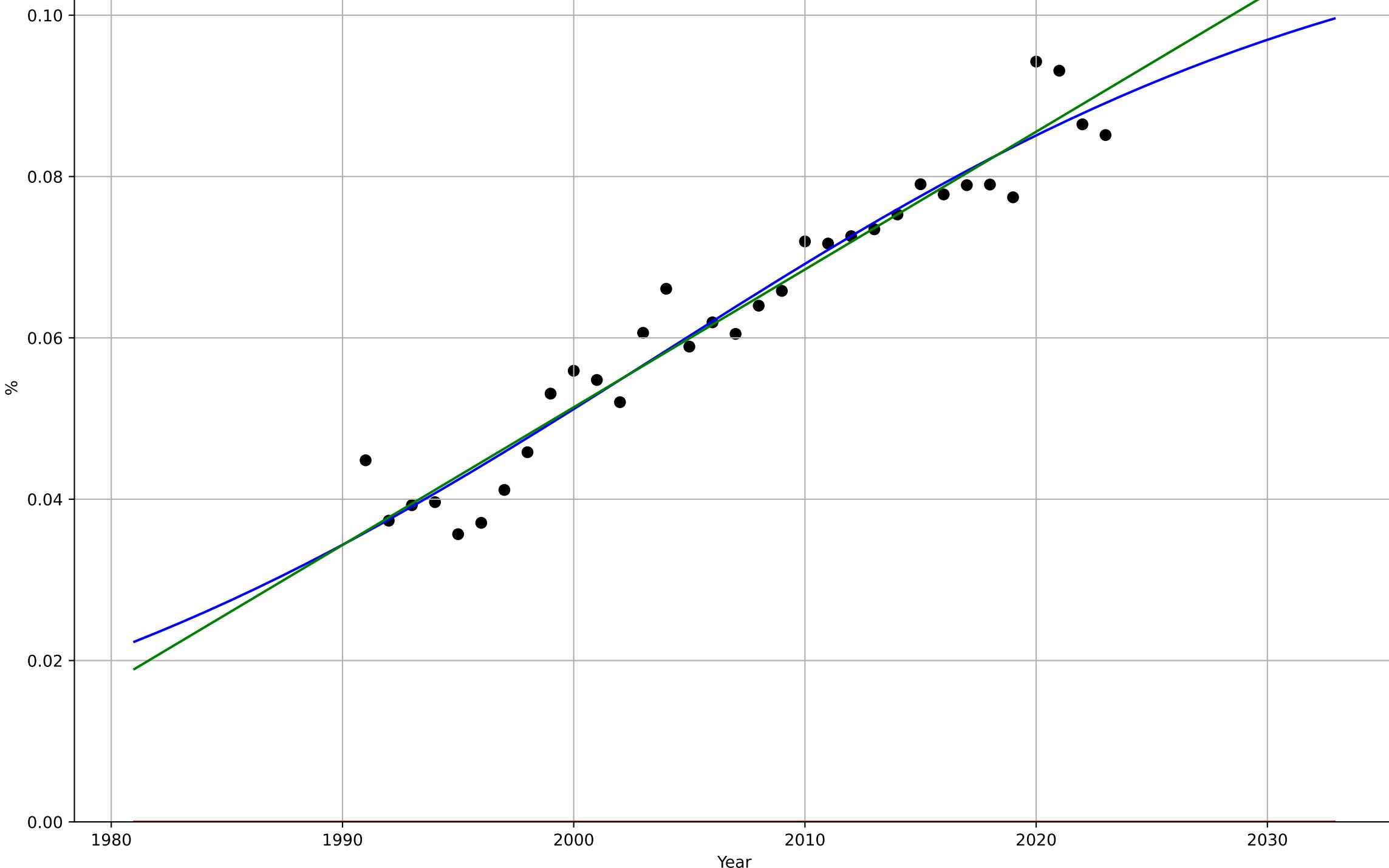
ego\_uki\_1.1Ado\_d036\_m028



e-government  
UK  
2.2 Relative Advantage (profitability)  
ICT service exports (% of service exports, BoP)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=69.5, K=0.115	0.0632	0.94	0.934	0.00409	0.00314
Exponential	1.56e+03*exp(0.00116*(x-157465))	0.00116	-14.2	-15.3	0.0655	0.0634
Linear	intercept=-3.36, slope=0.00171	0.00171	0.939	0.934	0.00416	0.00321

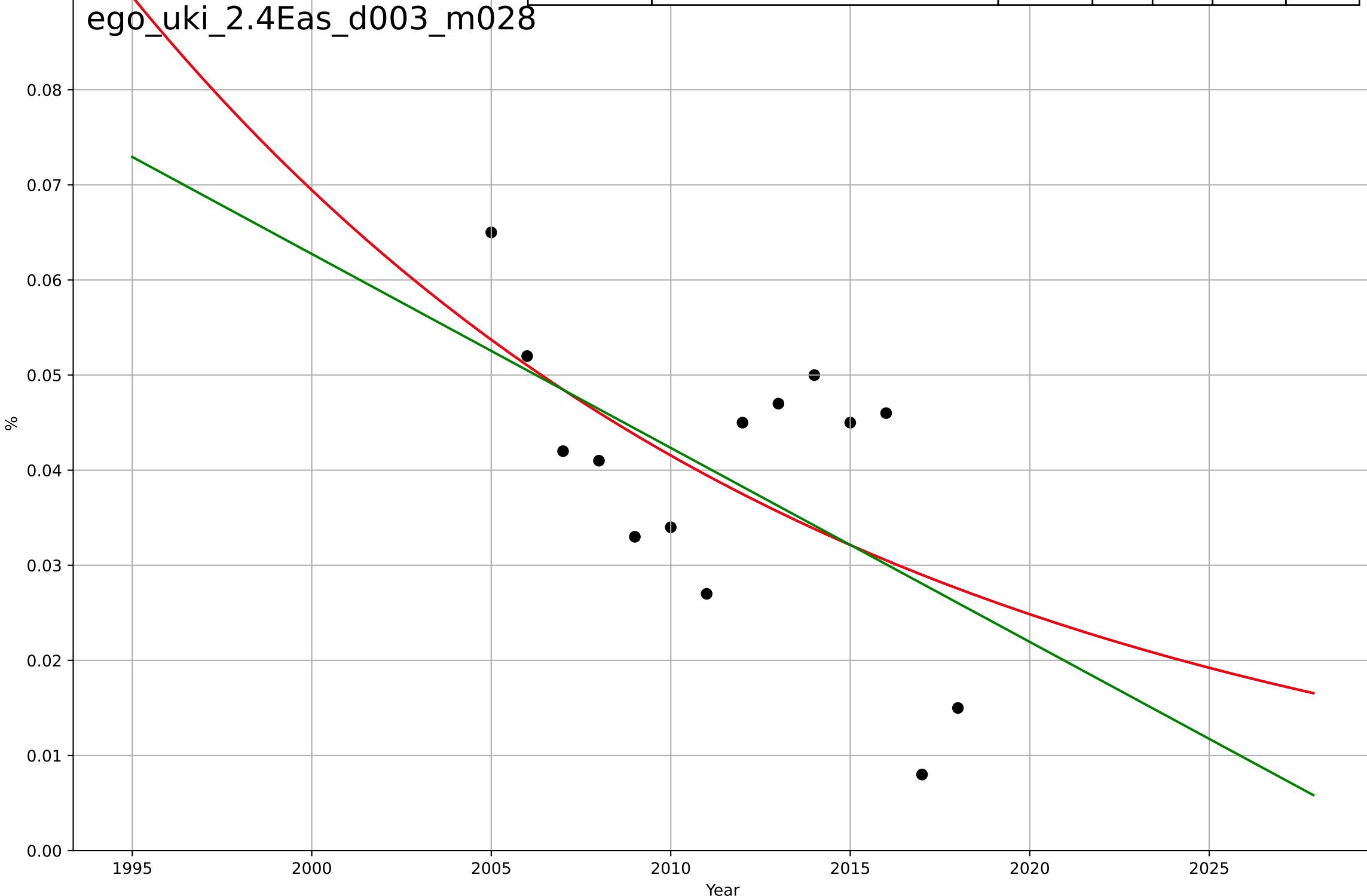
ego\_uki\_2.2Rel\_d110\_m028



e-government  
UK  
2.4 Ease of Use / Accessibility  
% households who can not afford a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1861, Dt=-85.5, K=87.7	-0.0514	0.32	0.117	0.0119	0.0108
Exponential	0.000119*exp(-0.0514*(x-2124))	-0.0514	0.32	0.197	0.0119	0.0108
Linear	intercept=4.14, slope=-0.00204	-0.00204	0.326	0.203	0.0118	0.0109

ego\_uki\_2.4Eas\_d003\_m028



e-government

UK

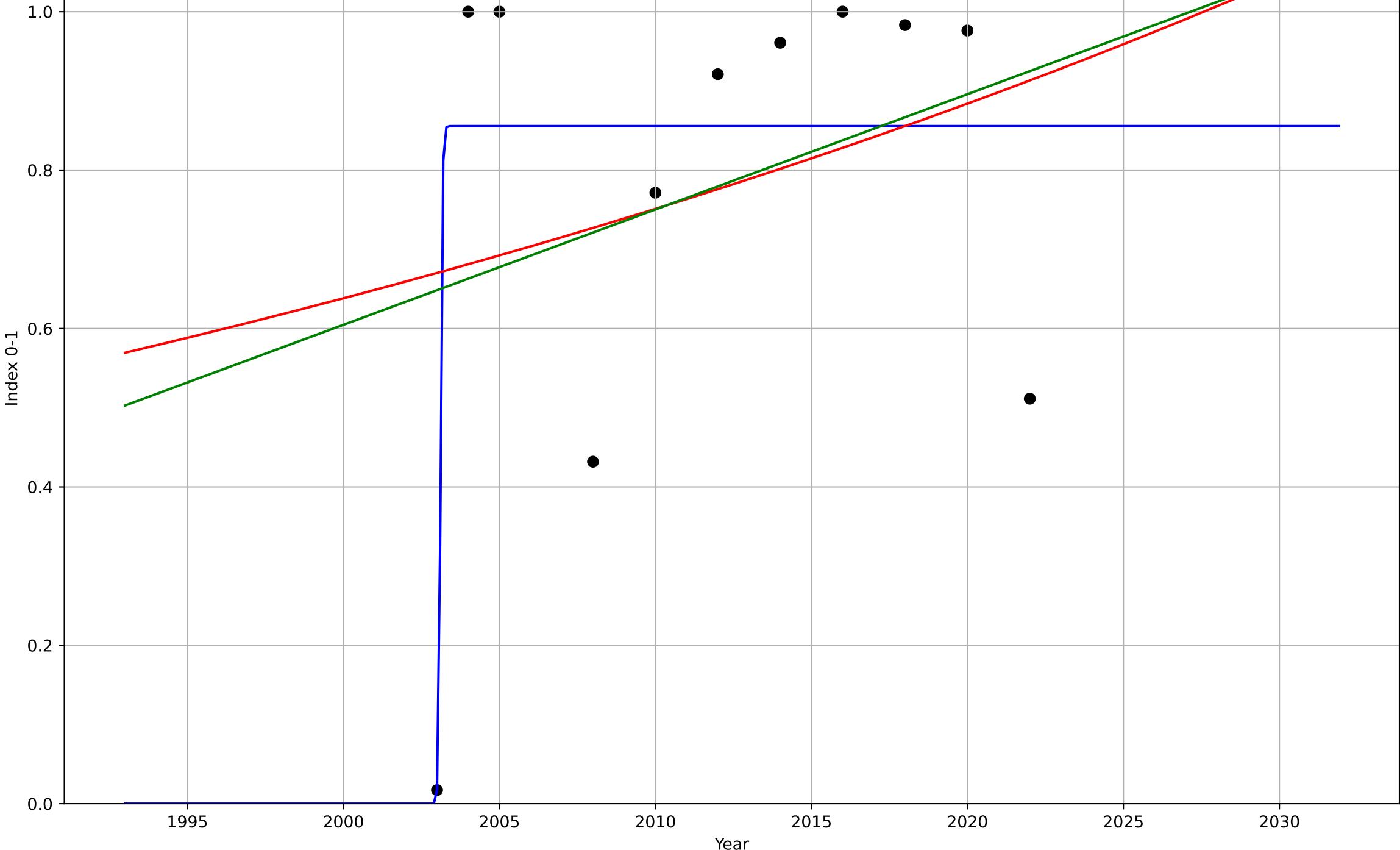
2.5 Variety: Choice Availability

E-Participation Index (three components of citizen participation)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=0.129, K=0.856$	34.1	0.607	0.438	0.194	0.155
Exponential	$0.117 \cdot \exp(0.0163 \cdot (x-1896))$	0.0163	0.0765	-0.154	0.297	0.245
Linear	intercept=-28.5, slope=0.0146	0.0146	0.0874	-0.141	0.296	0.243

ego\_uki\_2.5Var\_d085\_m099



e-government

UK

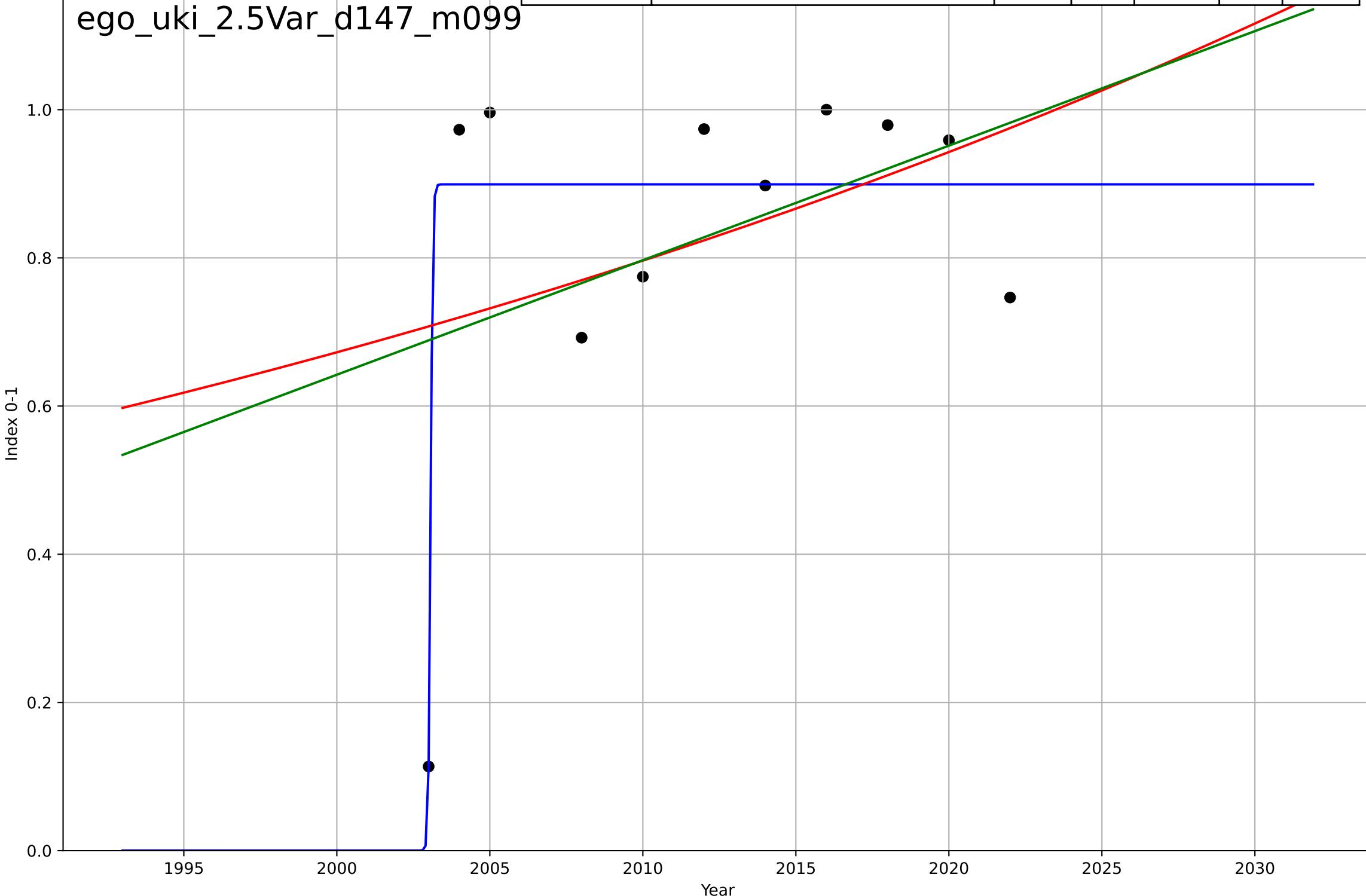
2.5 Variety: Choice Availability

Online Service Index (# services available online)

Index 0-1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=0.148, K=0.899$	29.7	0.821	0.745	0.105	0.0883
Exponential	$0.124 \cdot \exp(0.0169 \cdot (x-1900))$	0.0169	0.138	-0.0779	0.231	0.167
Linear	intercept=-30.3, slope=0.0155	0.0155	0.152	-0.0603	0.23	0.165

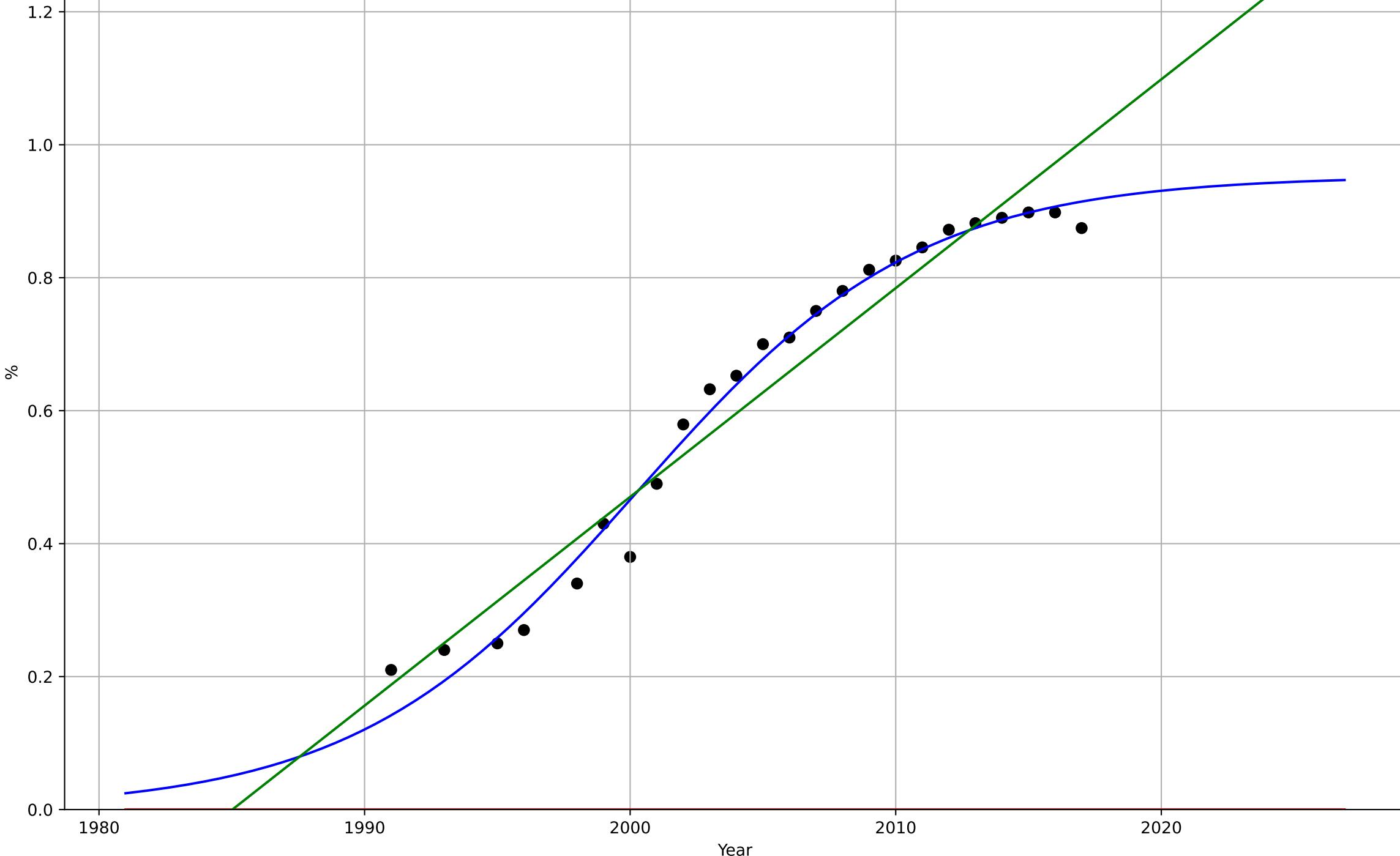
ego\_uki\_2.5Var\_d147\_m099



e-government  
UK  
2.9 Inter-dependence with hardware  
% households with a computer  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2000, D_t=23.3, K=0.953$	0.189	0.984	0.982	0.0298	0.0207
Exponential	$1.55e+03 \cdot \exp(0.00391 \cdot (x-157510))$	0.00391	-7.03	-7.8	0.677	0.634
Linear	intercept=-62.3, slope=0.0314	0.0314	0.942	0.937	0.0575	0.0495

ego\_uki\_2.9Int\_d004\_m028



e-government

UK

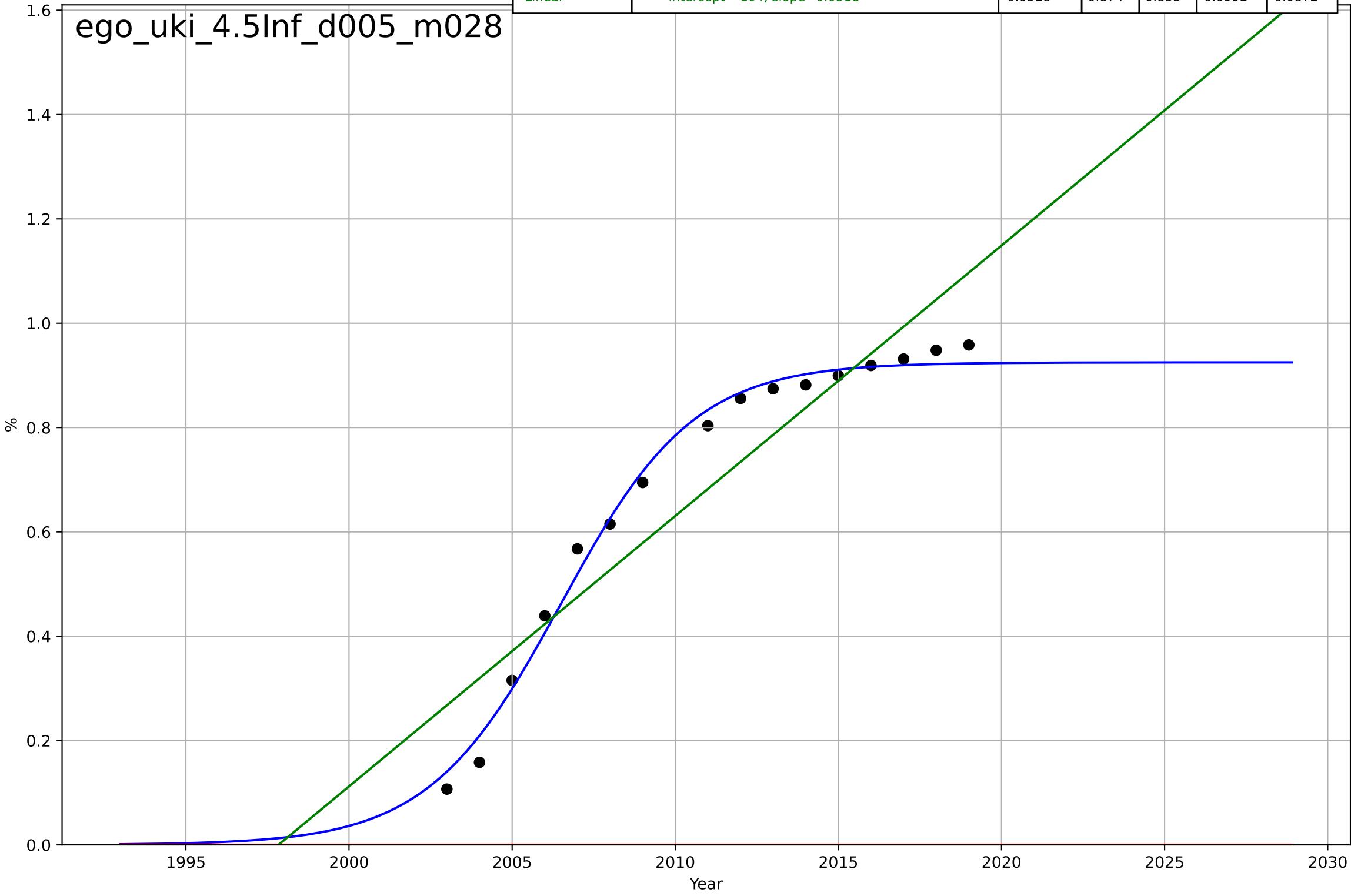
4.5 Physical Infrastructure dependence

% households with broadband internet connection

%

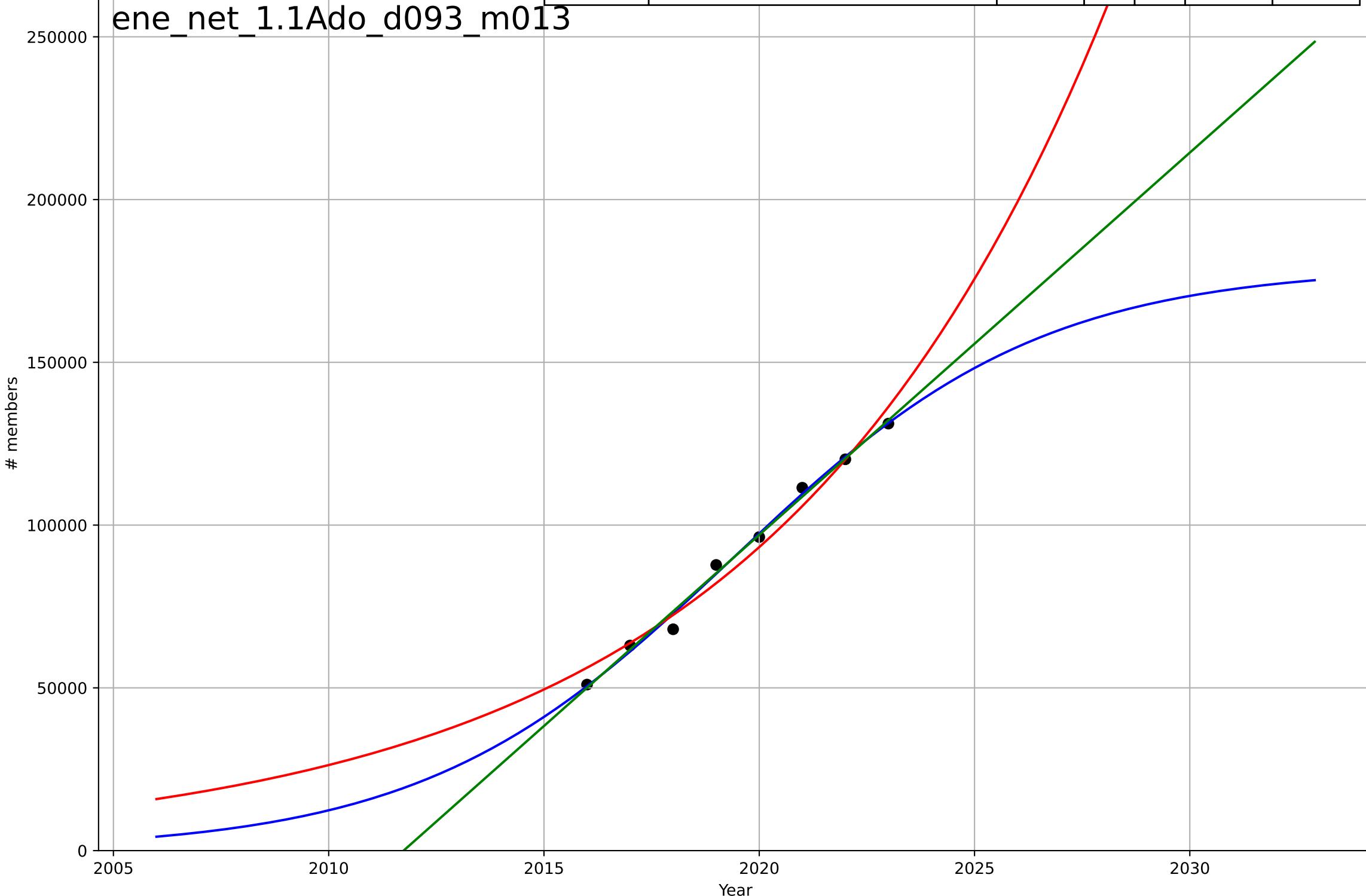
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2006, Dt=8.93, K=0.925	0.492	0.99	0.988	0.0273	0.0236
Exponential	1.55e+03*exp(0.00581*(x-157585))	0.00581	-6.01	-7.09	0.74	0.686
Linear	intercept=-104, slope=0.0518	0.0518	0.874	0.855	0.0992	0.0872

ego\_uki\_4.5Inf\_d005\_m028



energy community  
 The Netherlands  
 1.1 Adoption over time  
 Energy community members  
 # members

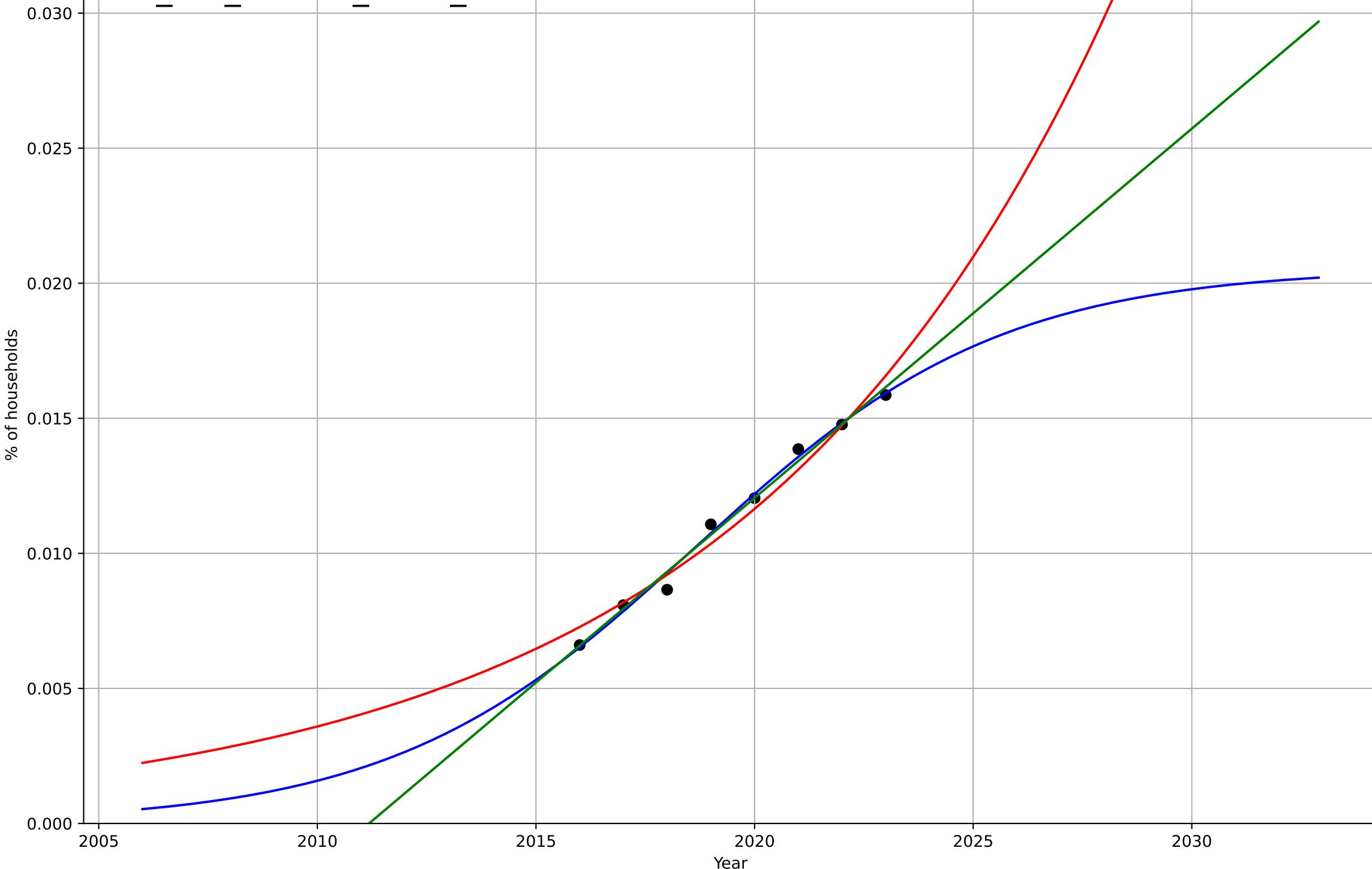
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=15.8, K=1.79e+05	0.278	0.993	0.988	2.22e+03	1.73e+03
Exponential	2.42e-06*exp(0.127*(x-1828))	0.127	0.975	0.965	4.27e+03	3.74e+03
Linear	intercept=-2.36e+07, slope=1.17e+04	1.17e+04	0.992	0.988	2.45e+03	1.87e+03



energy community  
 The Netherlands  
 1.1 Adoption over time  
 Energy community members  
 % of households

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=15.3, K=0.0205	0.286	0.992	0.985	0.00029	0.000229
Exponential	1.7*exp(0.118*(x-2062))	0.118	0.968	0.955	0.000562	0.000493
Linear	intercept=-2.75, slope=0.00137	0.00137	0.989	0.984	0.000333	0.000245

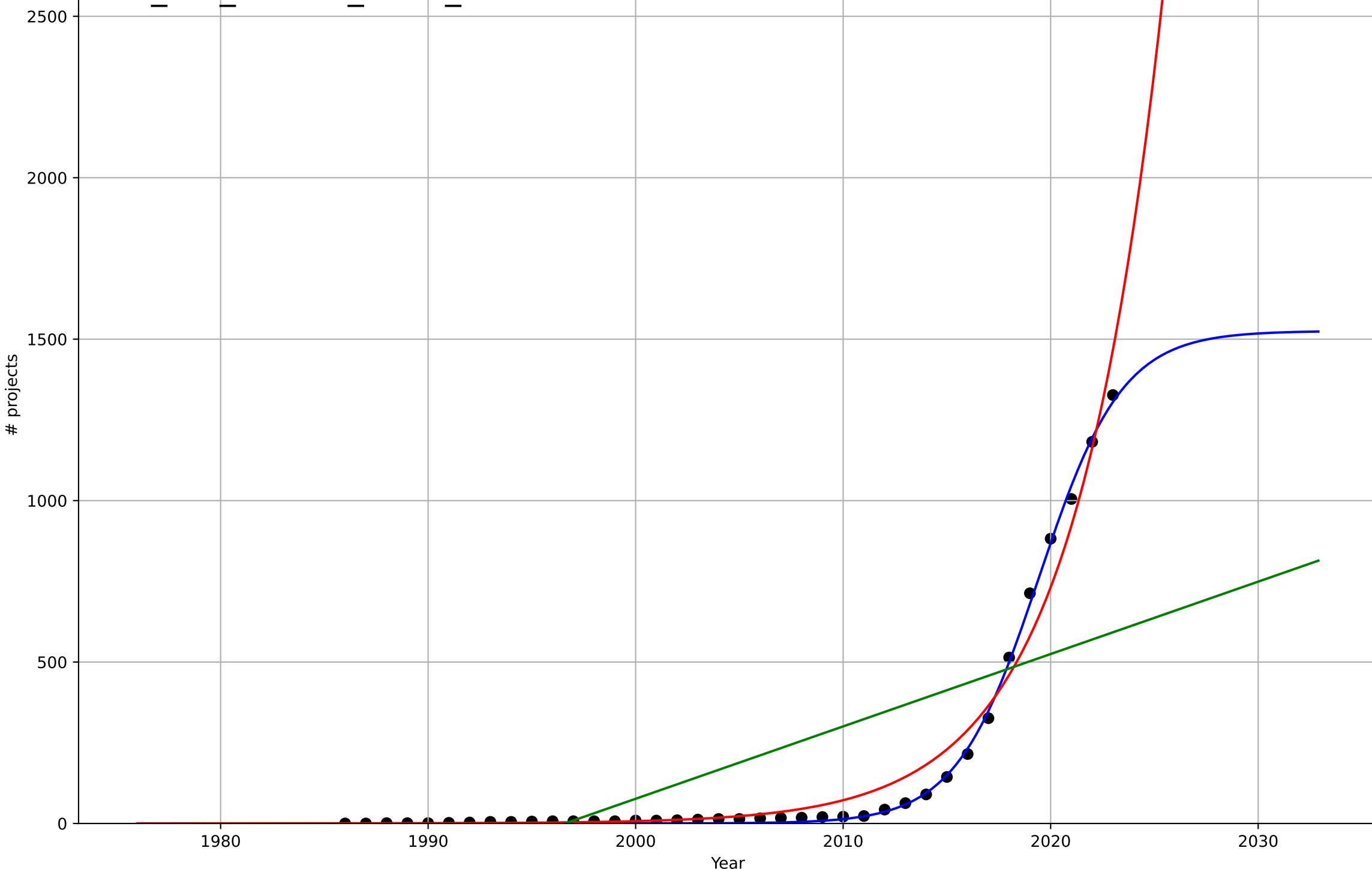
ene\_net\_1.1Ado\_d093\_m066



energy community  
 The Netherlands  
 1.1 Adoption over time  
 Energy community projects  
 # projects

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=8.79, K=1.53e+03	0.5	0.999	0.999	13	9.83
Exponential	5.82e-05*exp(0.232*(x-1950))	0.232	0.976	0.974	54.9	33.7
Linear	intercept=-4.48e+04, slope=22.4	22.4	0.487	0.458	252	201

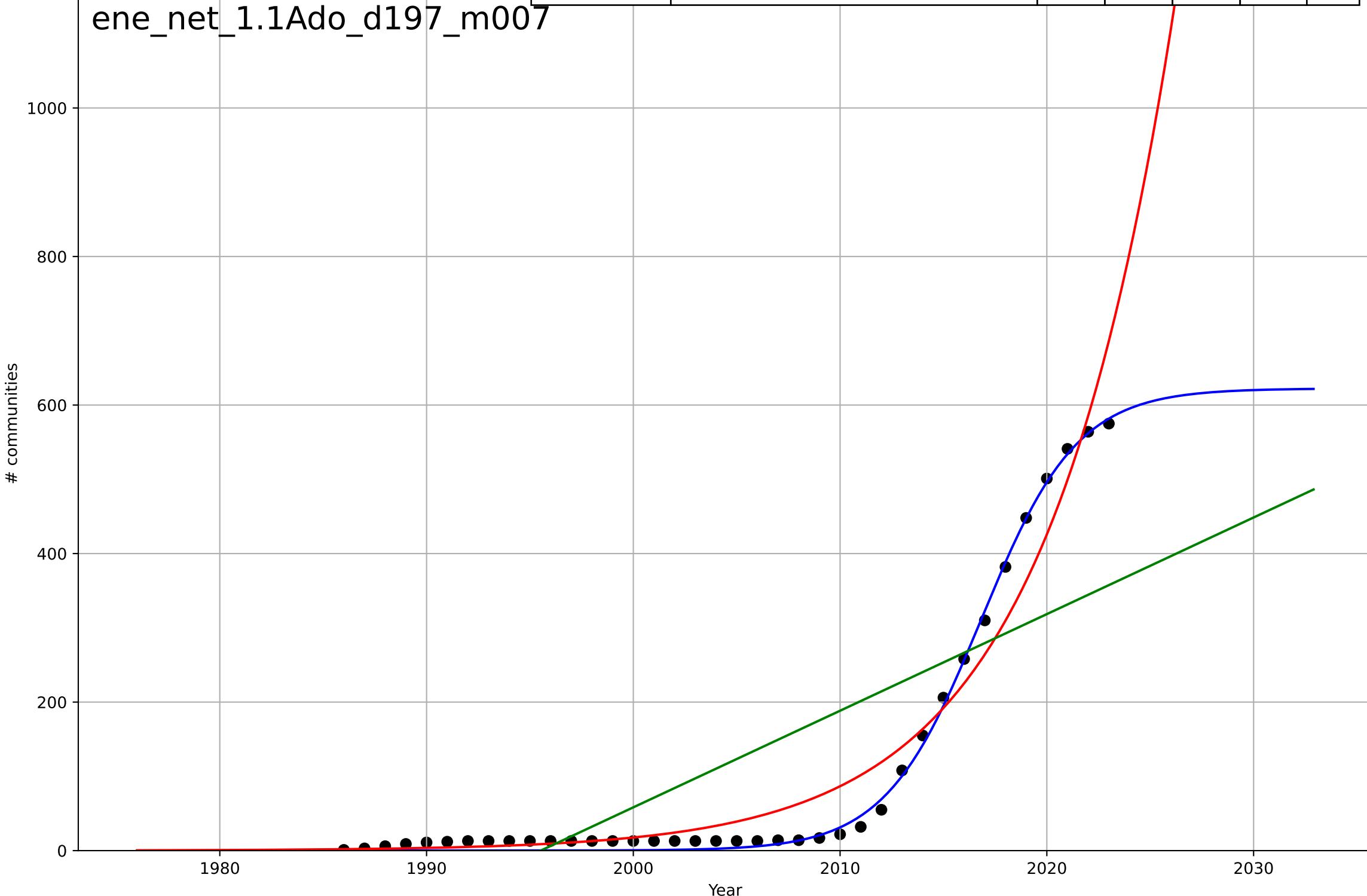
ene\_net\_1.1Ado\_d094\_m018



energy community  
 The Netherlands  
 1.1 Adoption over time  
 Total energy communities  
 # communities

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=10.2, K=622	0.431	0.997	0.997	9.97	8.98
Exponential	0.000405*exp(0.159*(x-1933))	0.159	0.952	0.95	39.9	28
Linear	intercept=-2.6e+04, slope=13	13	0.609	0.587	114	97.1

ene\_net\_1.1Ado\_d197\_m007



energy community

The Netherlands

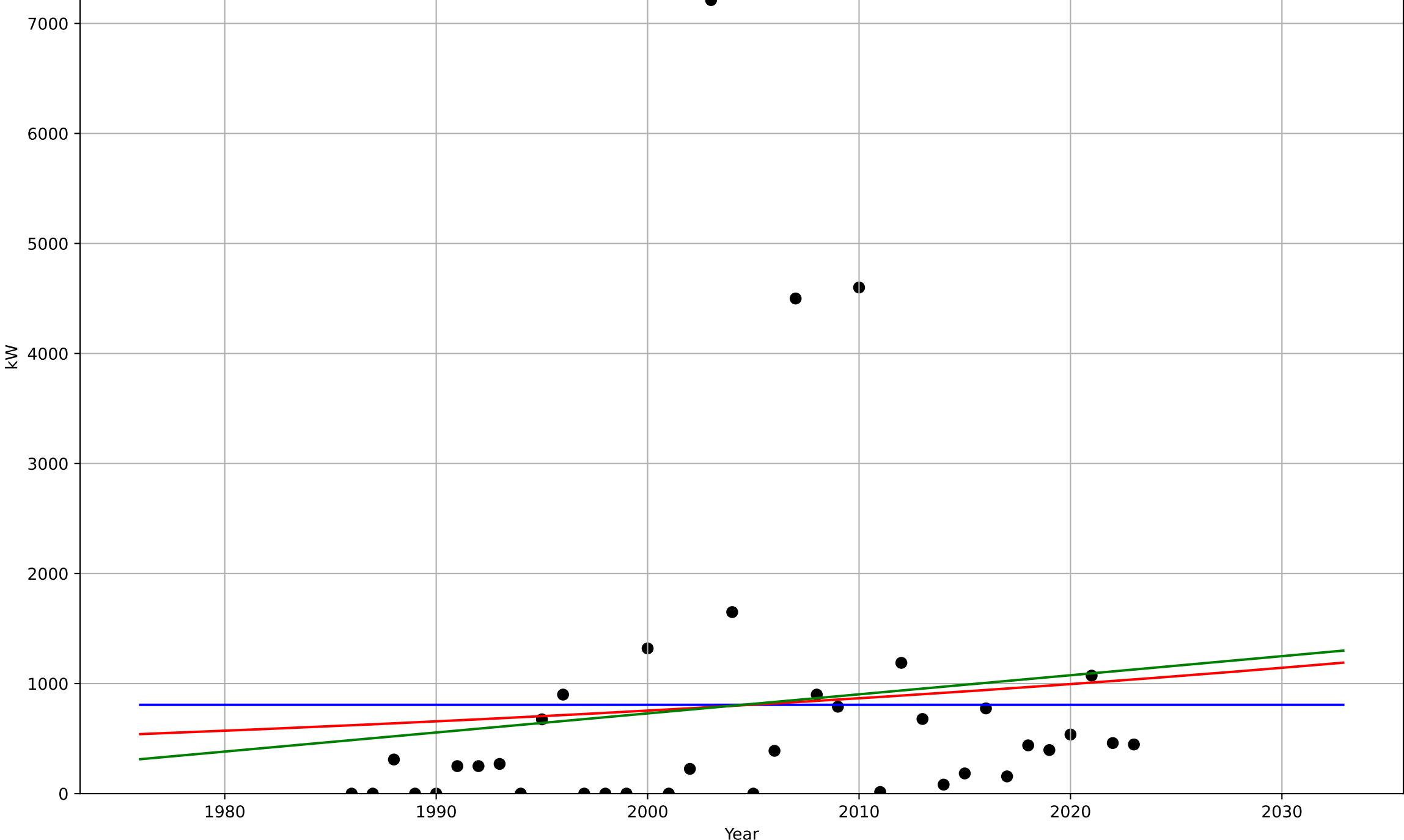
2.1 Interdependence with Hardware

avg size of new project in year

kW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=10090, Dt=-989, K=807	-0.00444	-6.66e-16	-0.0882	1.46e+03	846
Exponential	8.2*exp(0.0139*(x-1674))	0.0139	0.011	-0.0455	1.45e+03	839
Linear	intercept=-3.4e+04, slope=17.3	17.3	0.017	-0.0392	1.45e+03	830

ene\_net\_2.1Lea\_d214\_m133



energy community

The Netherlands

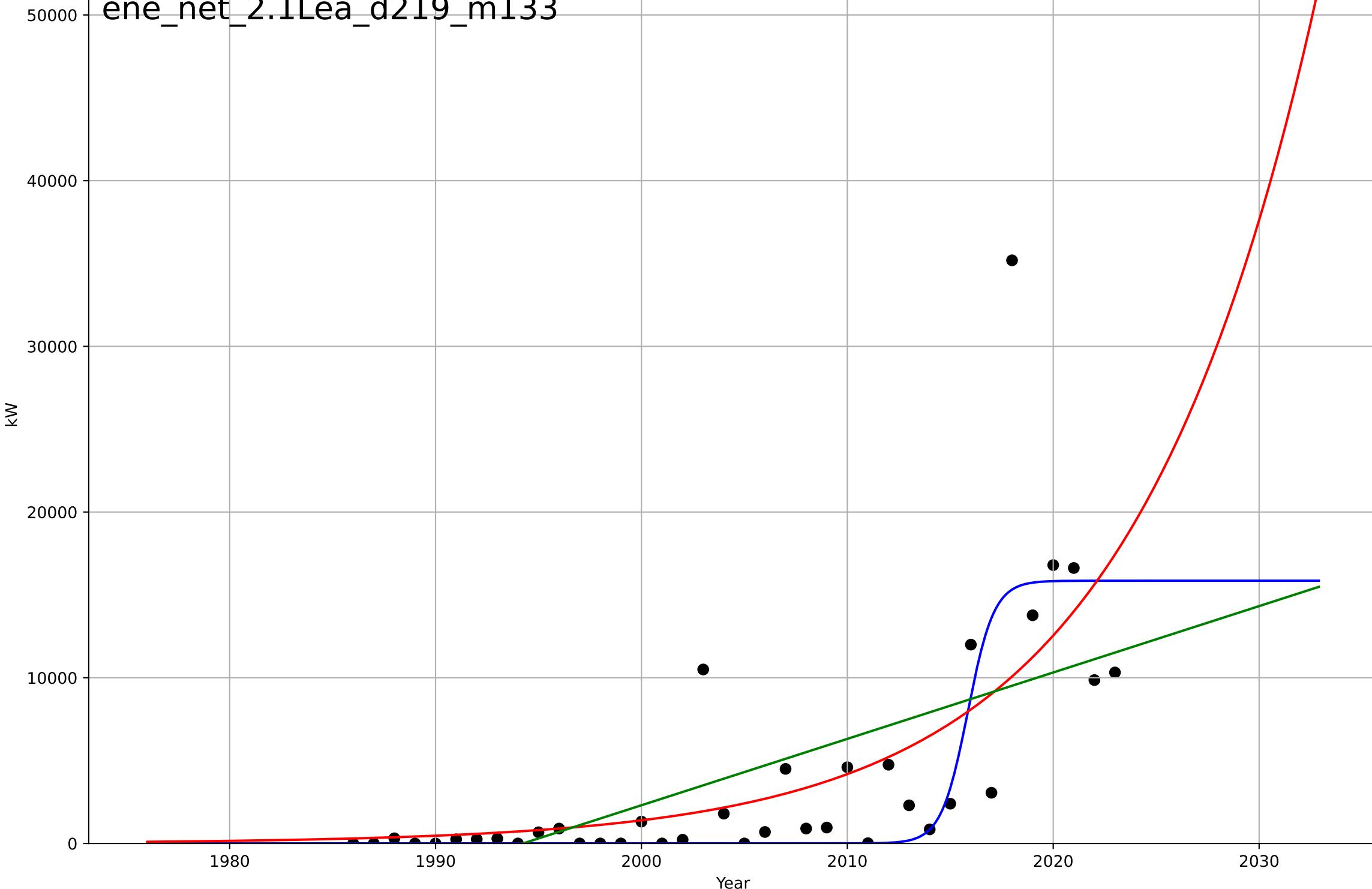
2.1 Interdependence with Hardware

max size of new project in year

kW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2016, Dt=2.82, K=1.59e+04	1.56	0.591	0.555	4.52e+03	2.23e+03
Exponential	0.00026*exp(0.11*(x-1859))	0.11	0.475	0.445	5.12e+03	2.81e+03
Linear	intercept=-7.99e+05, slope=401	401	0.387	0.352	5.53e+03	3.64e+03

ene\_net\_2.1Lea\_d219\_m133



energy community

The Netherlands

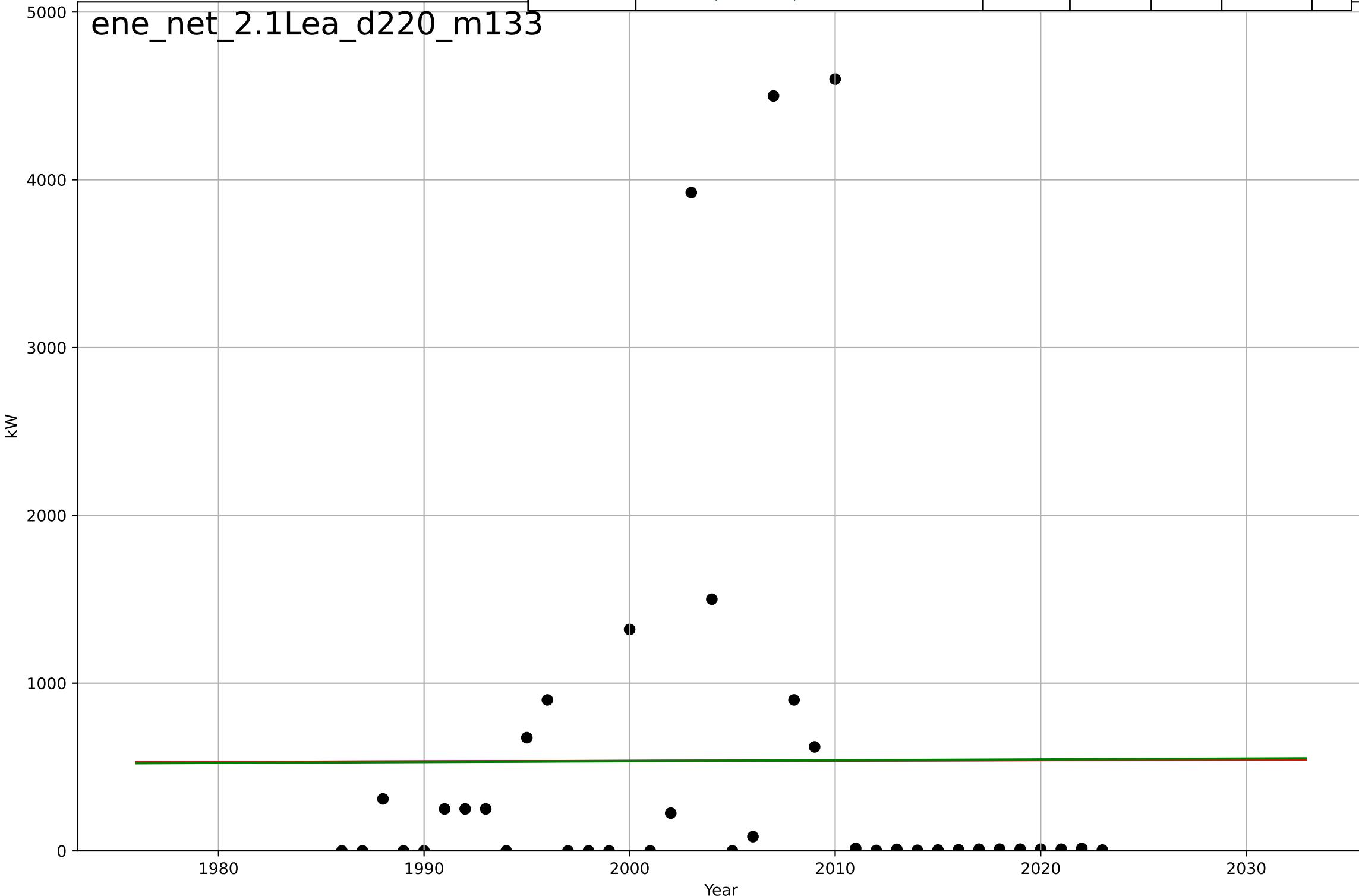
2.1 Interdependence with Hardware

min size of new project in year

kW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=8508, D_t=7.81e+03, K=2.14e+04$	0.000562	1.31e-05	-0.0882	1.18e+03	742
Exponential	$232 \cdot \exp(0.000545 \cdot (x-462))$	0.000545	1.3e-05	-0.0571	1.18e+03	742
Linear	intercept=-493, slope=0.514	0.514	2.29e-05	-0.0571	1.18e+03	742

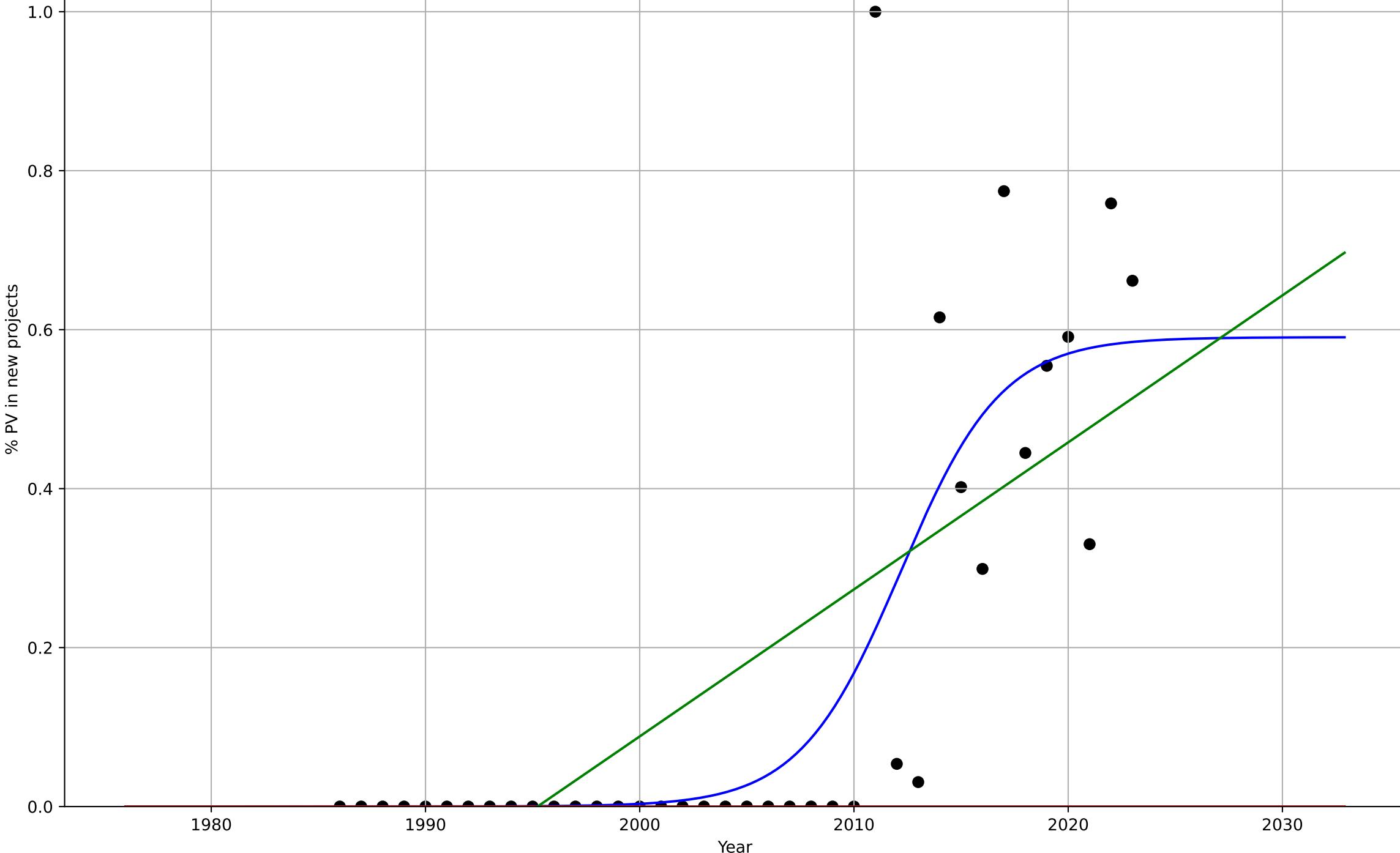
ene\_net\_2.1Lea\_d220\_m133



energy community  
 The Netherlands  
 2.5 Variety (Choice Availability)  
 Share of PV in new projects  
 % PV in new projects

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=10.4, K=0.59	0.424	0.654	0.624	0.168	0.0845
Exponential	1.55e+03*exp(0.00274*(x-157499))	0.00274	-0.361	-0.439	0.333	0.171
Linear	intercept=-36.9, slope=0.0185	0.0185	0.505	0.477	0.201	0.155

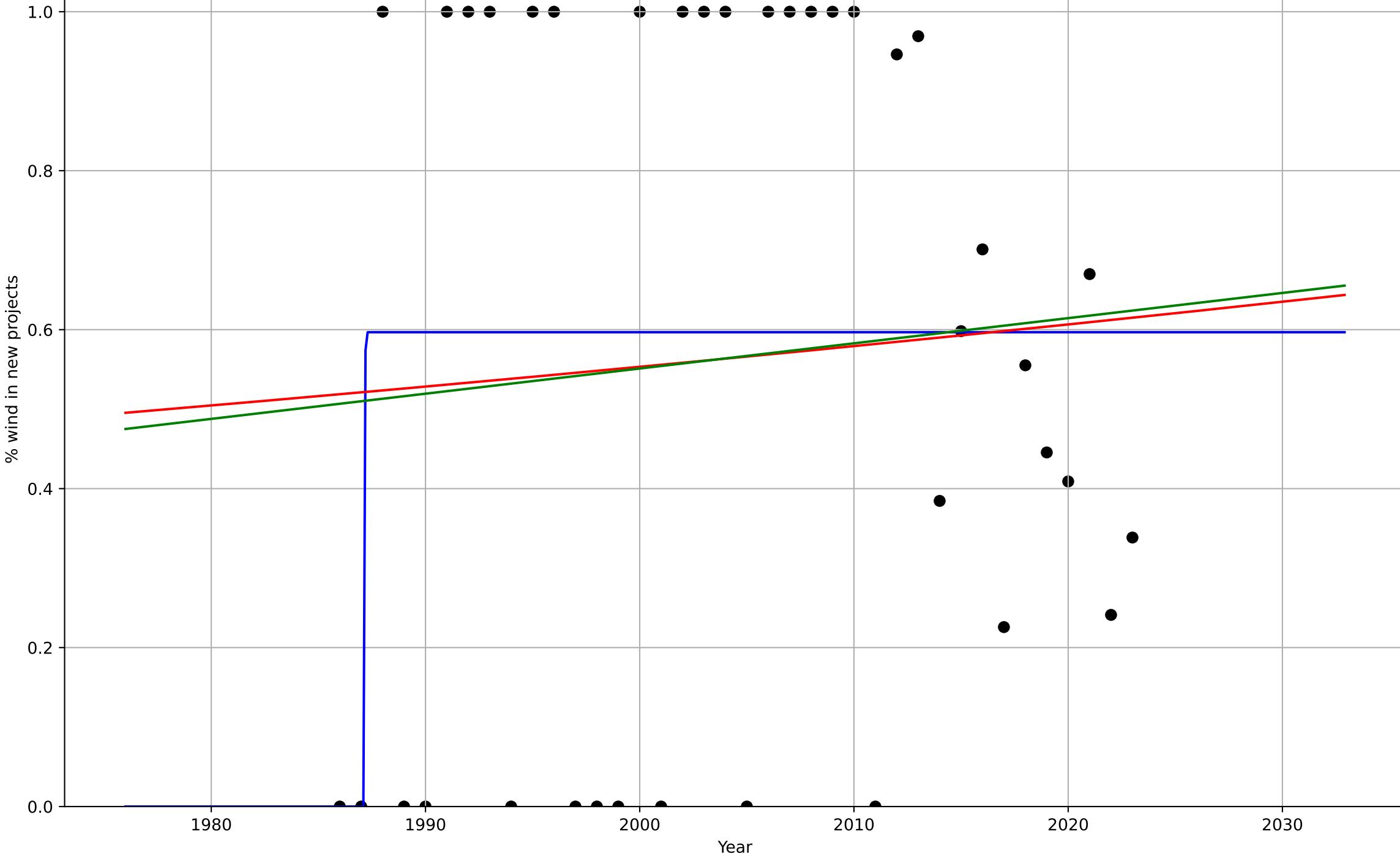
ene\_net\_2.5Var\_d185\_m029



energy community  
 The Netherlands  
 2.5 Variety (Choice Availability)  
 Share of wind in new projects  
 % wind in new projects

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1987, Dt=0.0272, K=0.597	162	0.096	0.0162	0.409	0.366
Exponential	4.18*exp(0.0046*(x-2439))	0.0046	0.00536	-0.0515	0.429	0.4
Linear	intercept=-5.79, slope=0.00317	0.00317	0.00653	-0.0502	0.429	0.4

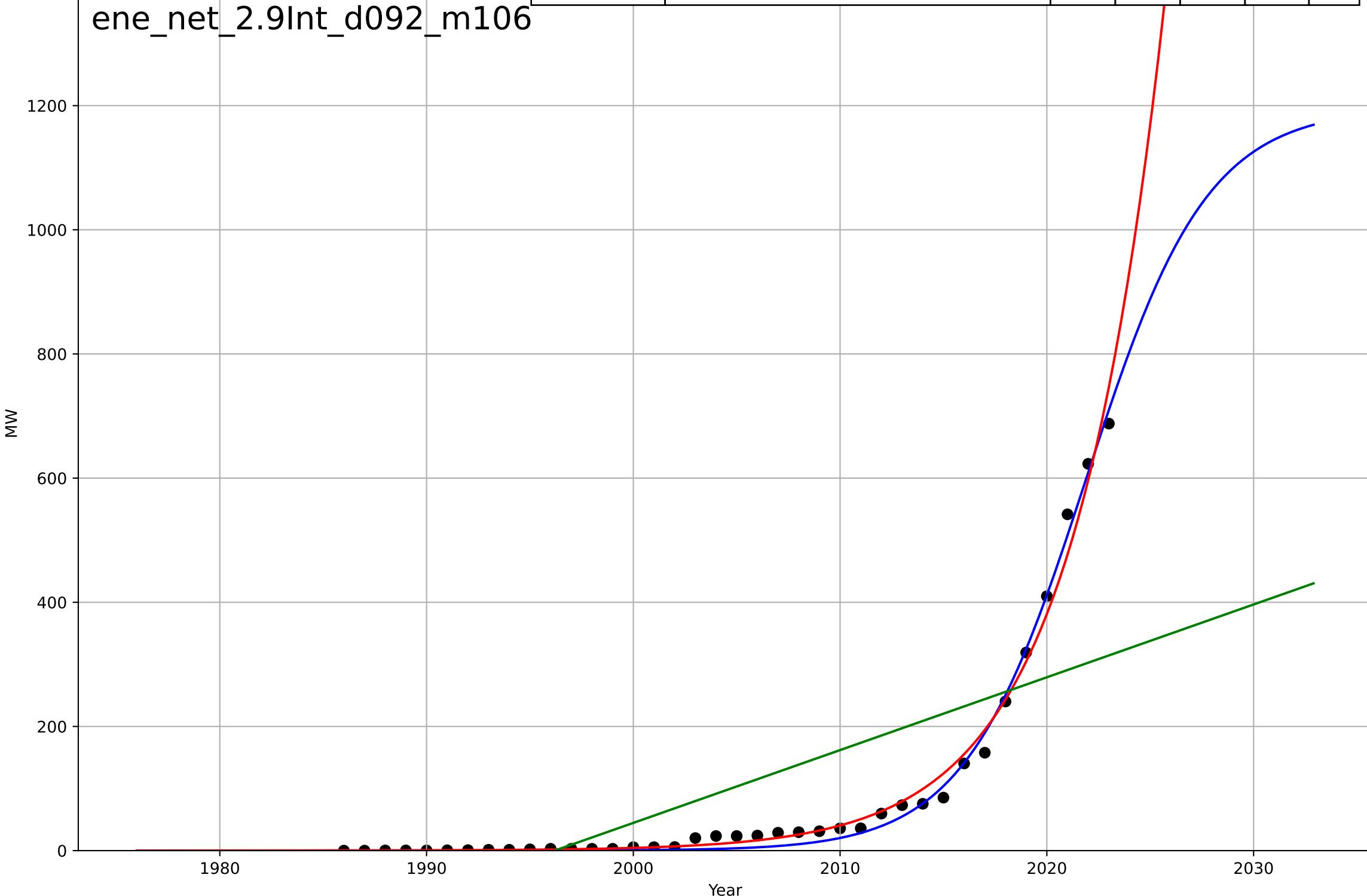
ene\_net\_2.5Var\_d193\_m093



energy community  
 The Netherlands  
 2.9 Interdependence with Hardware  
 Energy community installed capacity  
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=12.9, K=1.2e+03	0.341	0.994	0.994	13.7	9.67
Exponential	2.66e-05*exp(0.224*(x-1947))	0.224	0.988	0.988	19.1	10.6
Linear	intercept=-2.34e+04, slope=11.7	11.7	0.526	0.499	122	95.1

ene\_net\_2.9Int\_d092\_m106



firm ESG reporting

Africa

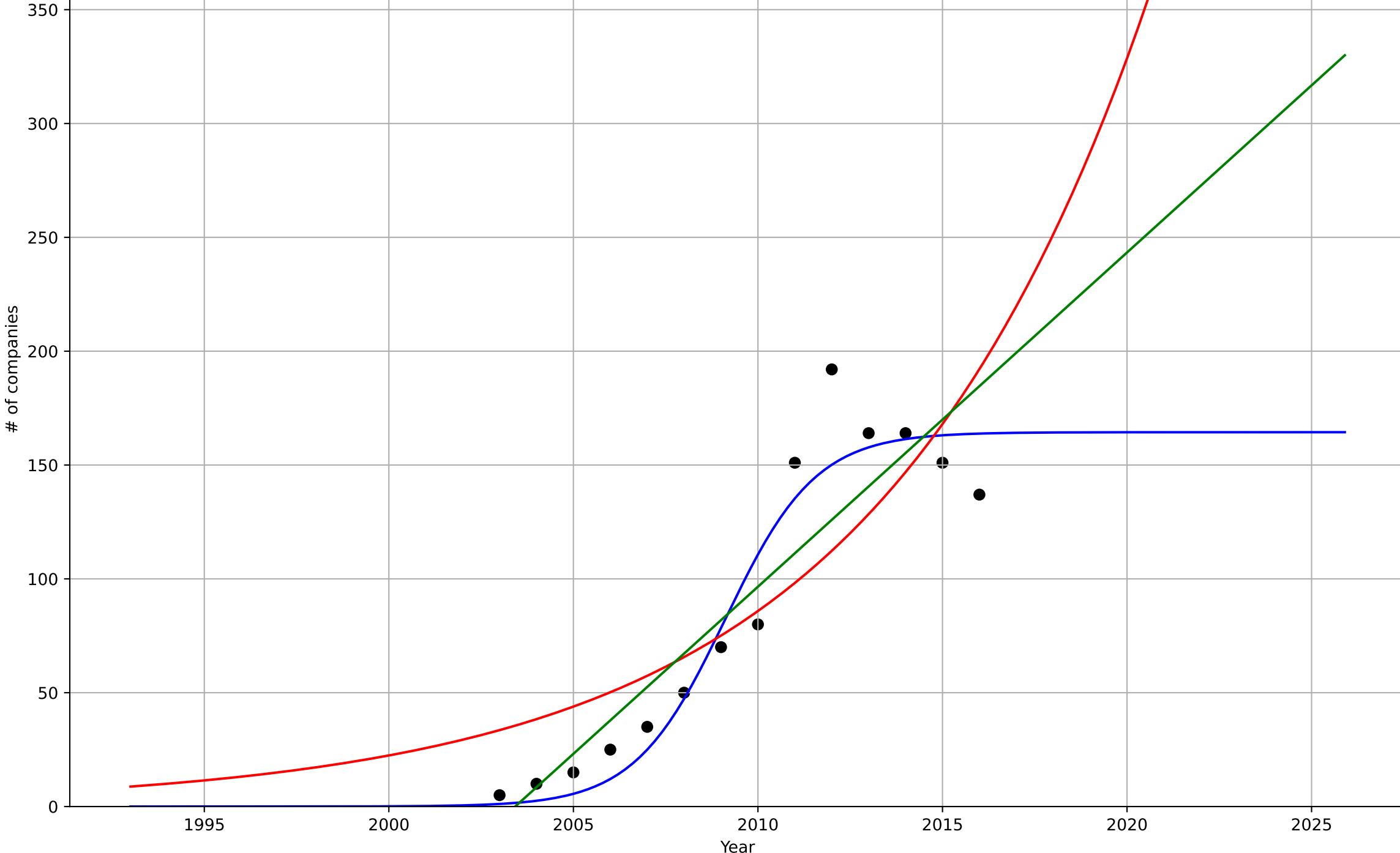
1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=5.4, K=164	0.814	0.927	0.905	17.6	13.6
Exponential	0.0216*exp(0.134*(x-1948))	0.134	0.699	0.645	35.8	29.8
Linear	intercept=-2.94e+04, slope=14.7	14.7	0.823	0.79	27.5	21.5

fir\_afr\_1.1Ado\_d212\_m016



firm ESG reporting

Asia

1.1 Adoption over time

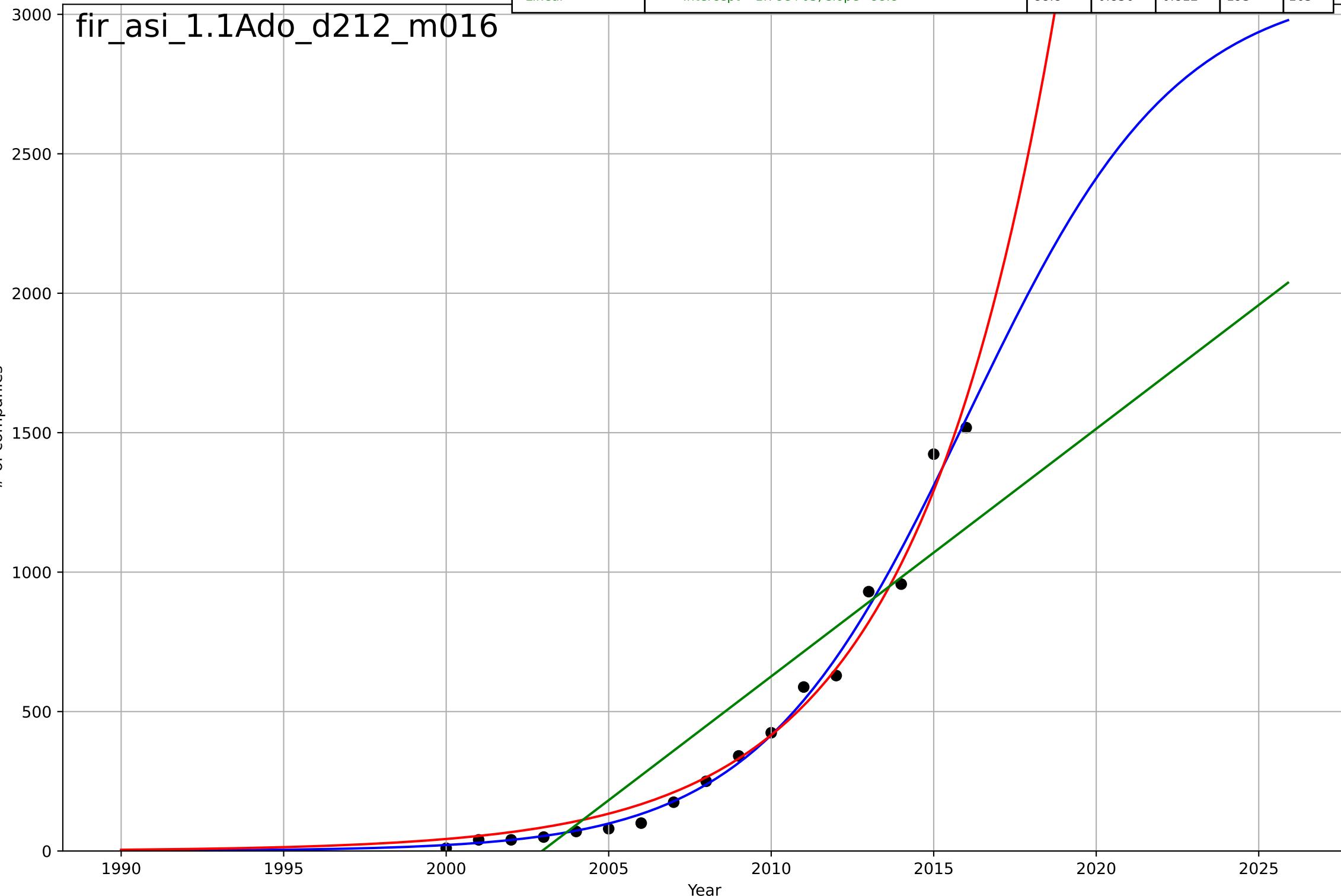
Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2016, Dt=14.2, K=3.12e+03	0.31	0.989	0.987	49.3	33.3
Exponential	6.22e-07*exp(0.227*(x-1920))	0.227	0.983	0.981	61.2	49.6
Linear	intercept=-1.78e+05, slope=88.8	88.8	0.836	0.812	193	165

fir\_asi\_1.1Ado\_d212\_m016

# of companies



firm ESG reporting

Europe

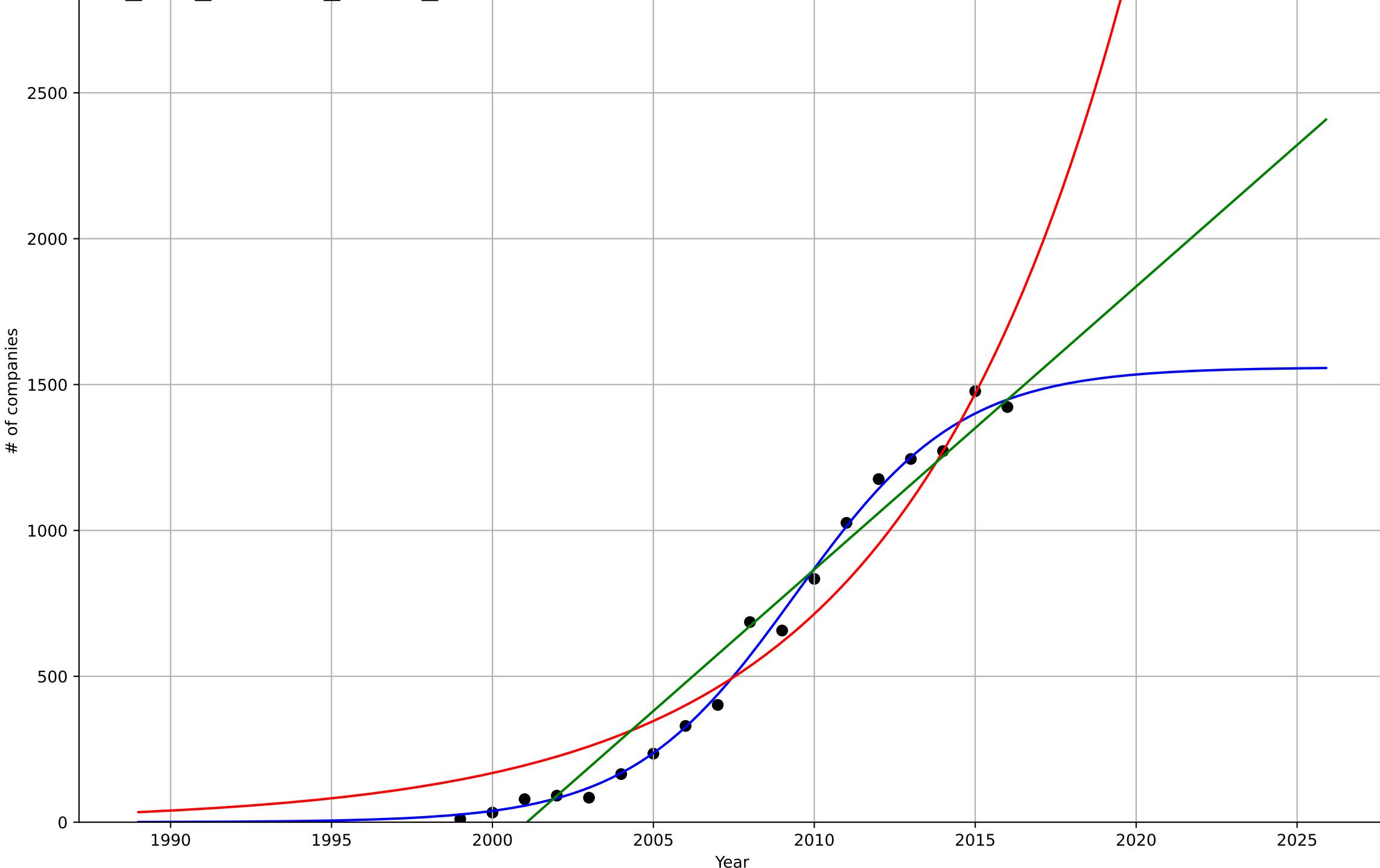
1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=11.3, K=1.56e+03$	0.39	0.993	0.992	43.1	31.1
Exponential	$0.000335 \cdot \exp(0.144 \cdot (x-1909))$	0.144	0.924	0.914	142	124
Linear	intercept=-1.94e+05, slope=97	97	0.953	0.947	112	95.5

fir\_eur\_1.1Ado\_d212\_m016



firm ESG reporting

global

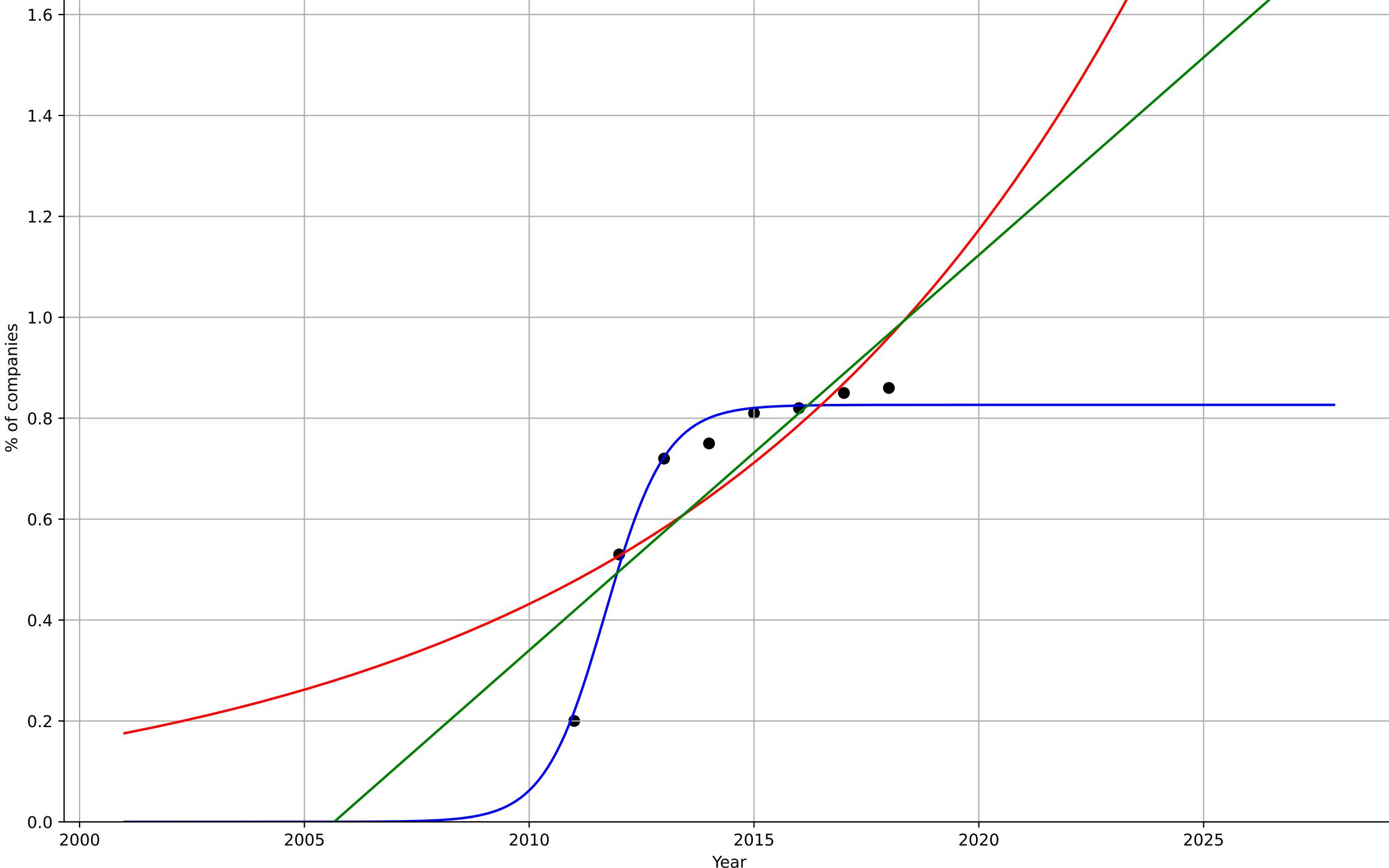
1.1 Adoption over time

% of S&P 500 companies with sustainability rep

% of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=2.96, K=0.826$	1.48	0.985	0.974	0.0257	0.021
Exponential	$6.11 \cdot \exp(0.0999 \cdot (x-2037))$	0.0999	0.64	0.496	0.127	0.0968
Linear	intercept=-157, slope=0.0783	0.0783	0.724	0.614	0.111	0.0908

fir\_glo\_1.1Ado\_d010\_m063



firm ESG reporting

global

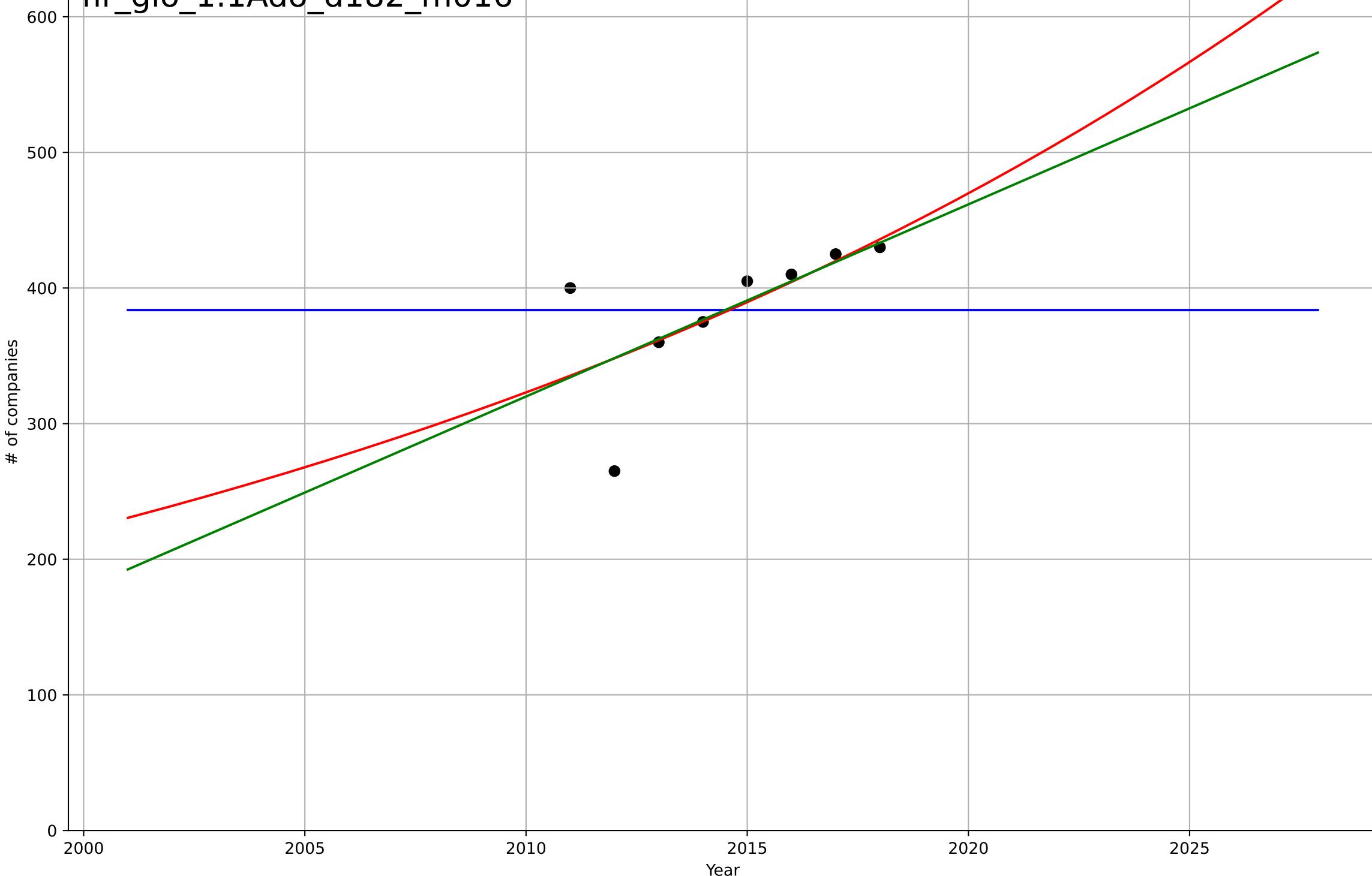
1.1 Adoption over time

S&P 500 companies with sustainability reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2970, Dt=-145, K=384	-0.0304	-1.78e-13	-0.75	50	37.8
Exponential	0.665*exp(0.0375*(x-1845))	0.0375	0.428	0.2	37.8	22.7
Linear	intercept=-2.82e+04, slope=14.2	14.2	0.422	0.19	38	22.7

fir\_glo\_1.1Ado\_d182\_m016



firm ESG reporting

global

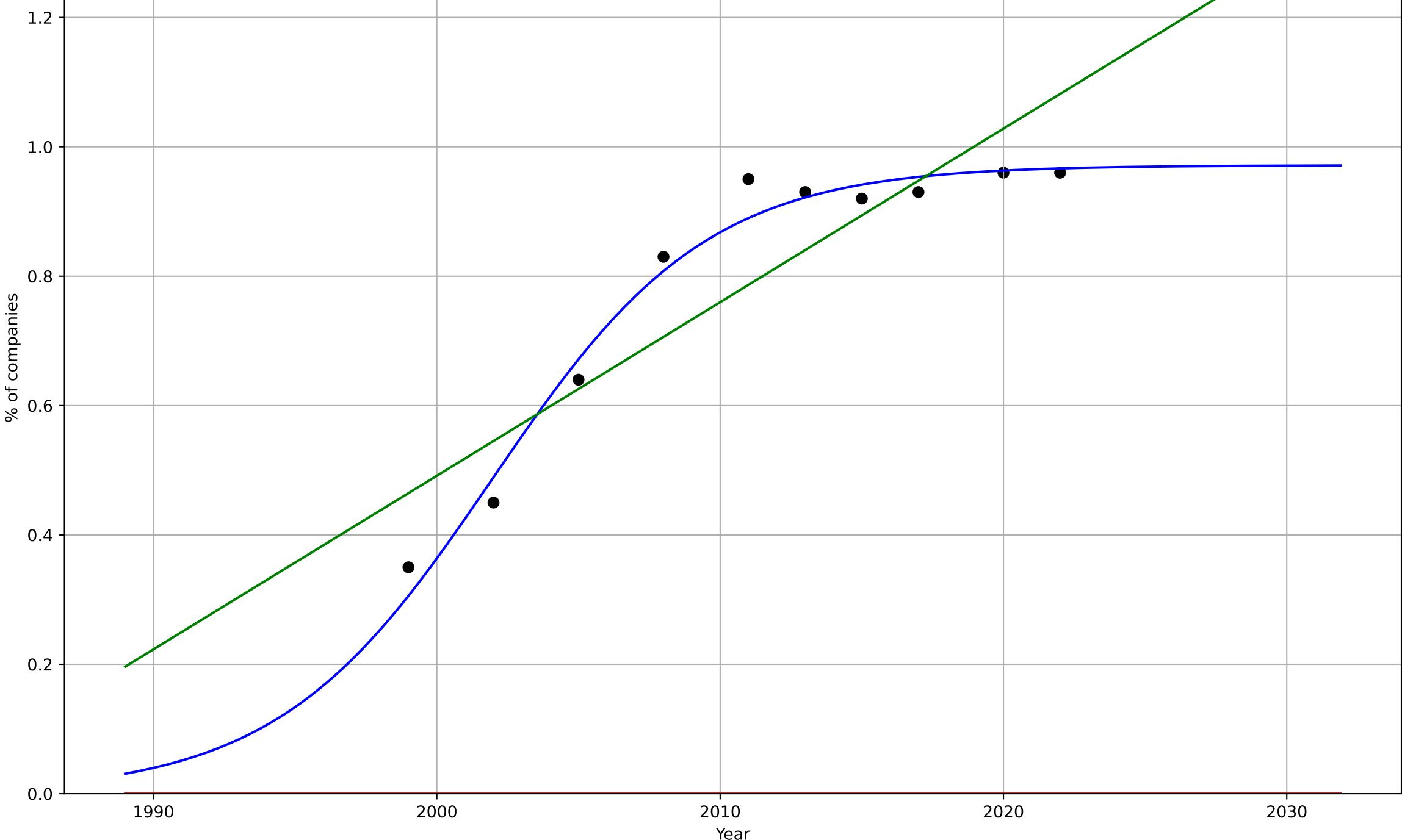
1.1 Adoption over time

Sustainability reporting by world's 250 largest companies

% of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2002, Dt=16.7, K=0.972	0.264	0.979	0.969	0.0312	0.026
Exponential	1.55e+03*exp(0.00344*(x-157509))	0.00344	-13.3	-17.3	0.821	0.792
Linear	intercept=-53.2, slope=0.0268	0.0268	0.803	0.747	0.0964	0.0835

fir\_glo\_1.1Ado\_d195\_m063



firm ESG reporting

global

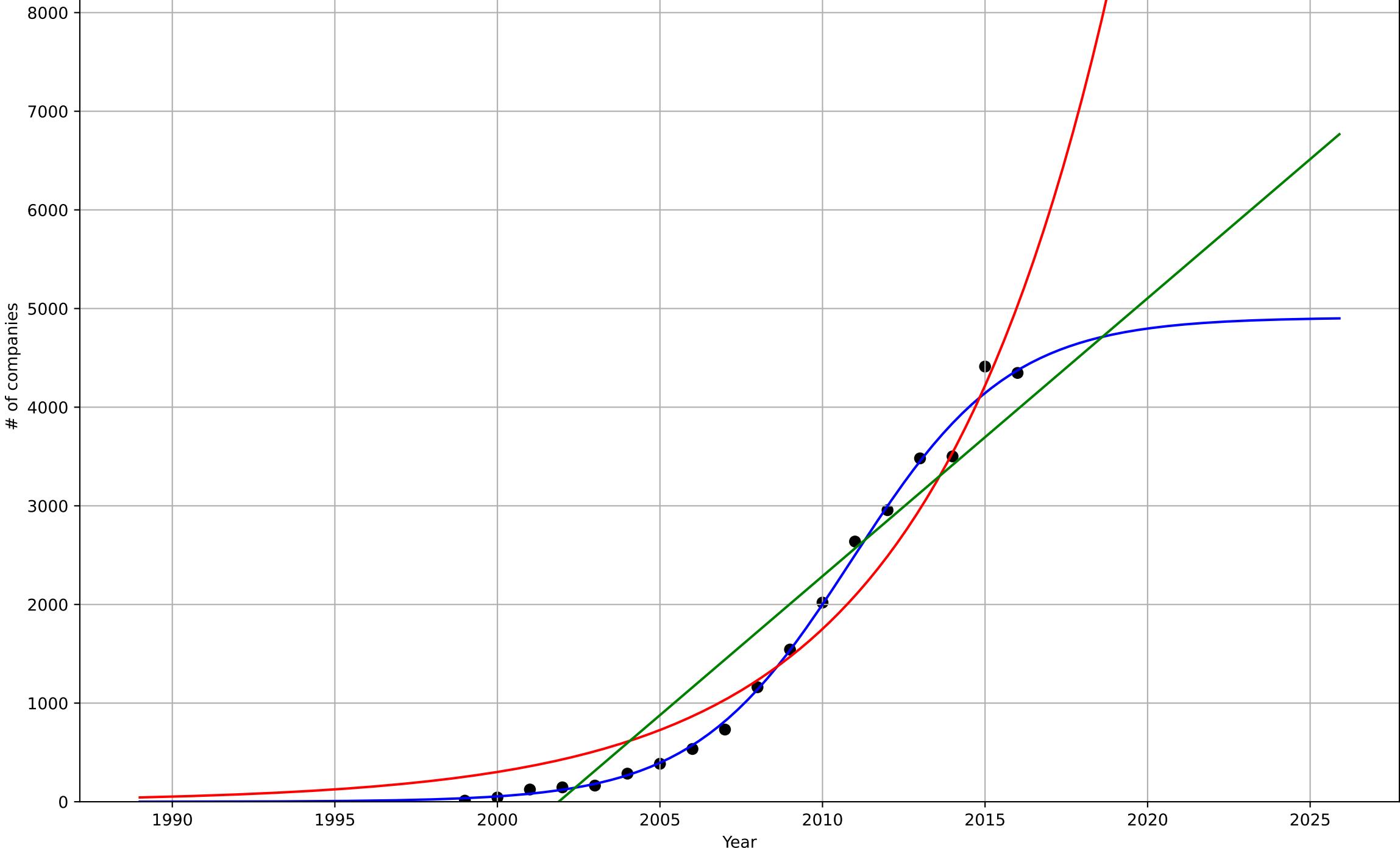
1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=10.7, K=4.91e+03$	0.412	0.995	0.994	111	64.4
Exponential	$6.87e-06 \cdot \exp(0.176 \cdot (x-1900))$	0.176	0.949	0.942	348	307
Linear	intercept=-5.64e+05, slope=282	282	0.91	0.898	460	398

fir\_glo\_1.1Ado\_d212\_m016



firm ESG reporting

global

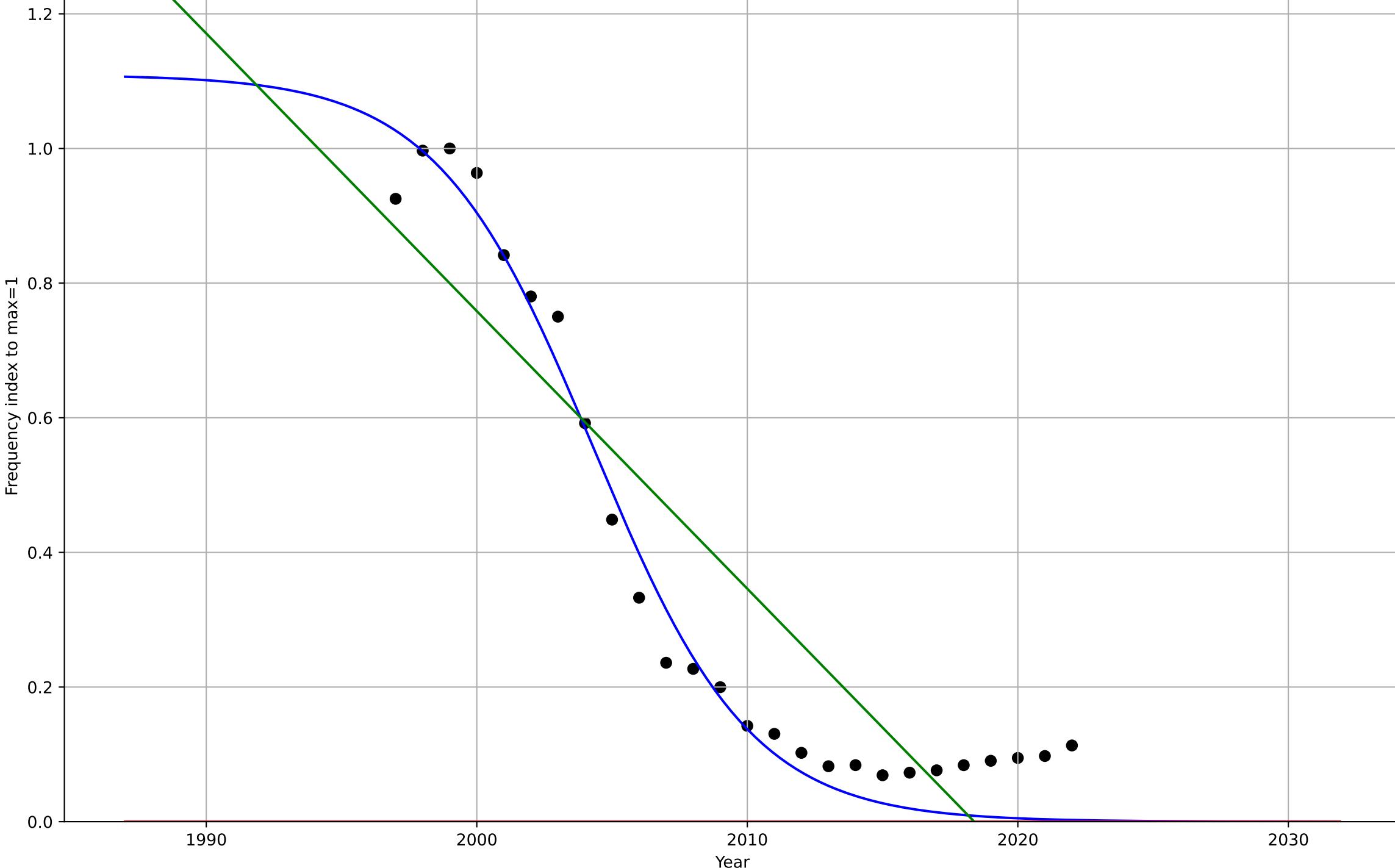
#### 4.2 Knowledge flows

Frequency of the word "GRI" in a corpus (books,

Frequency index to max=1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=-12.8, K=1.11	-0.344	0.971	0.967	0.0584	0.0487
Exponential	-1.54e+03*exp(-0.00291*(x-152702))	-0.00291	-1.13	-1.31	0.504	0.367
Linear	intercept=83.2, slope=-0.0412	-0.0412	0.803	0.786	0.153	0.137

fir\_glo\_4.2Kme\_d103\_m098



firm ESG reporting

global

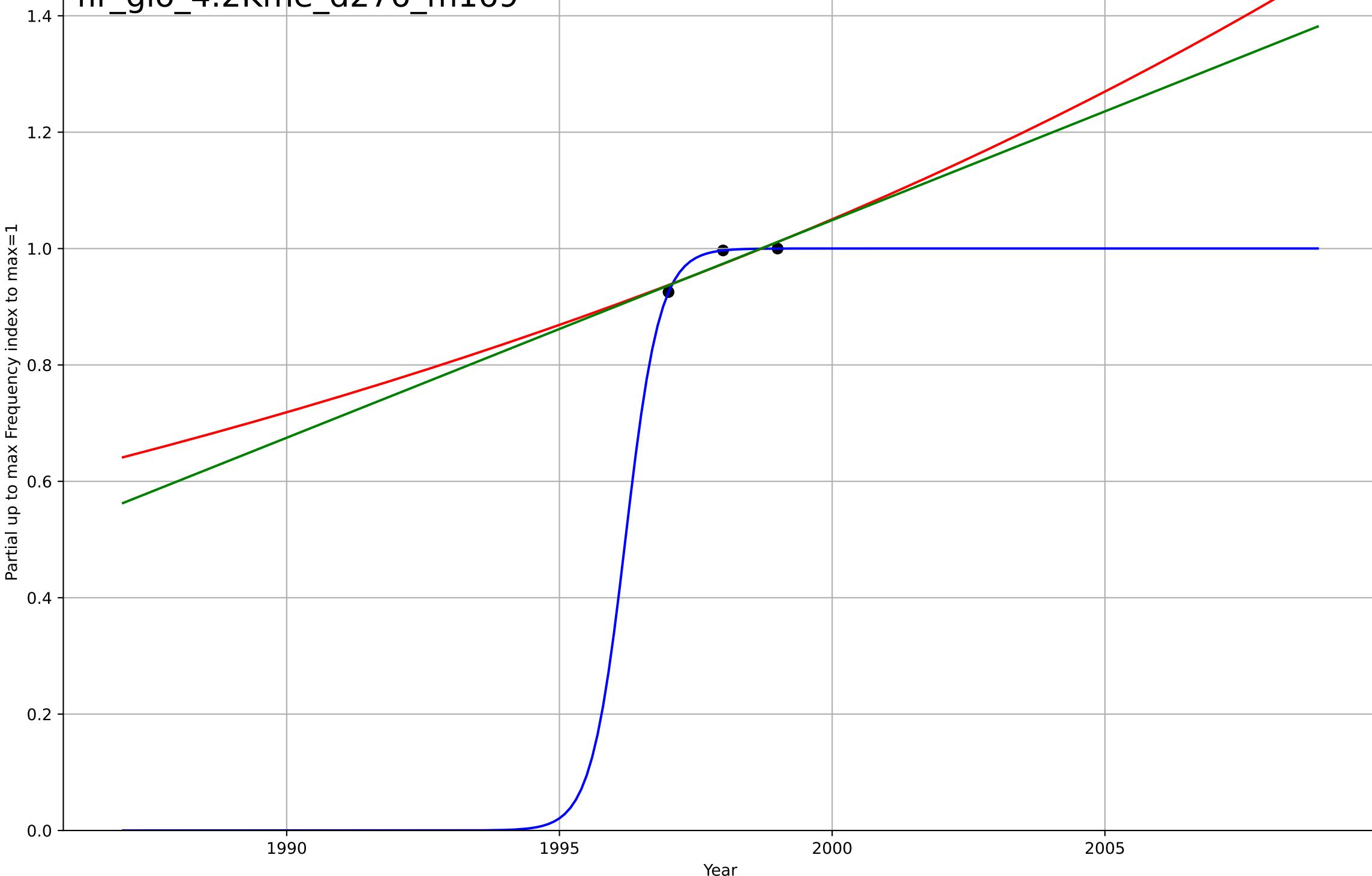
#### 4.2 Knowledge flows

Partial up to max Frequency of the word "GRI" in

Partial up to max Frequency index to max=1

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1996, Dt=1.38, K=1	3.18	1	1	2.99e-11	1.81e-11
Exponential	1.75*exp(0.0379*(x-2013))	0.0379	0.773	-inf	0.0164	0.0155
Linear	intercept=-73.7, slope=0.0374	0.0374	0.782	-inf	0.0161	0.0152

fir\_glo\_4.2Kme\_d276\_m169



firm ESG reporting

LatinAmericaCarib

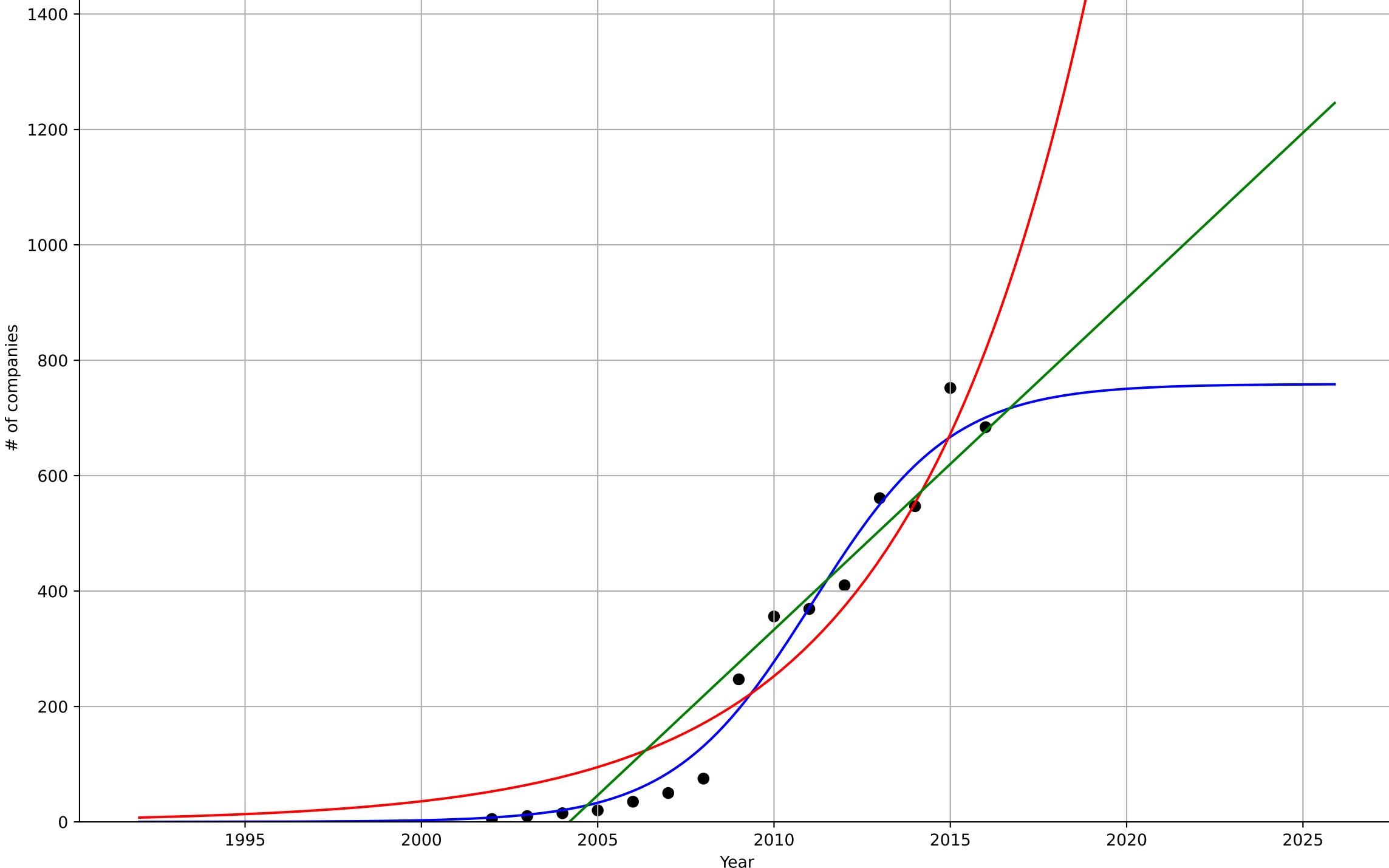
1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=8.67, K=759	0.507	0.971	0.963	44.3	33.6
Exponential	0.000128*exp(0.196*(x-1936))	0.196	0.909	0.894	78.1	71.5
Linear	intercept=-1.15e+05, slope=57.4	57.4	0.914	0.9	75.9	60.4

fir\_lam\_1.1Ado\_d212\_m016



firm ESG reporting

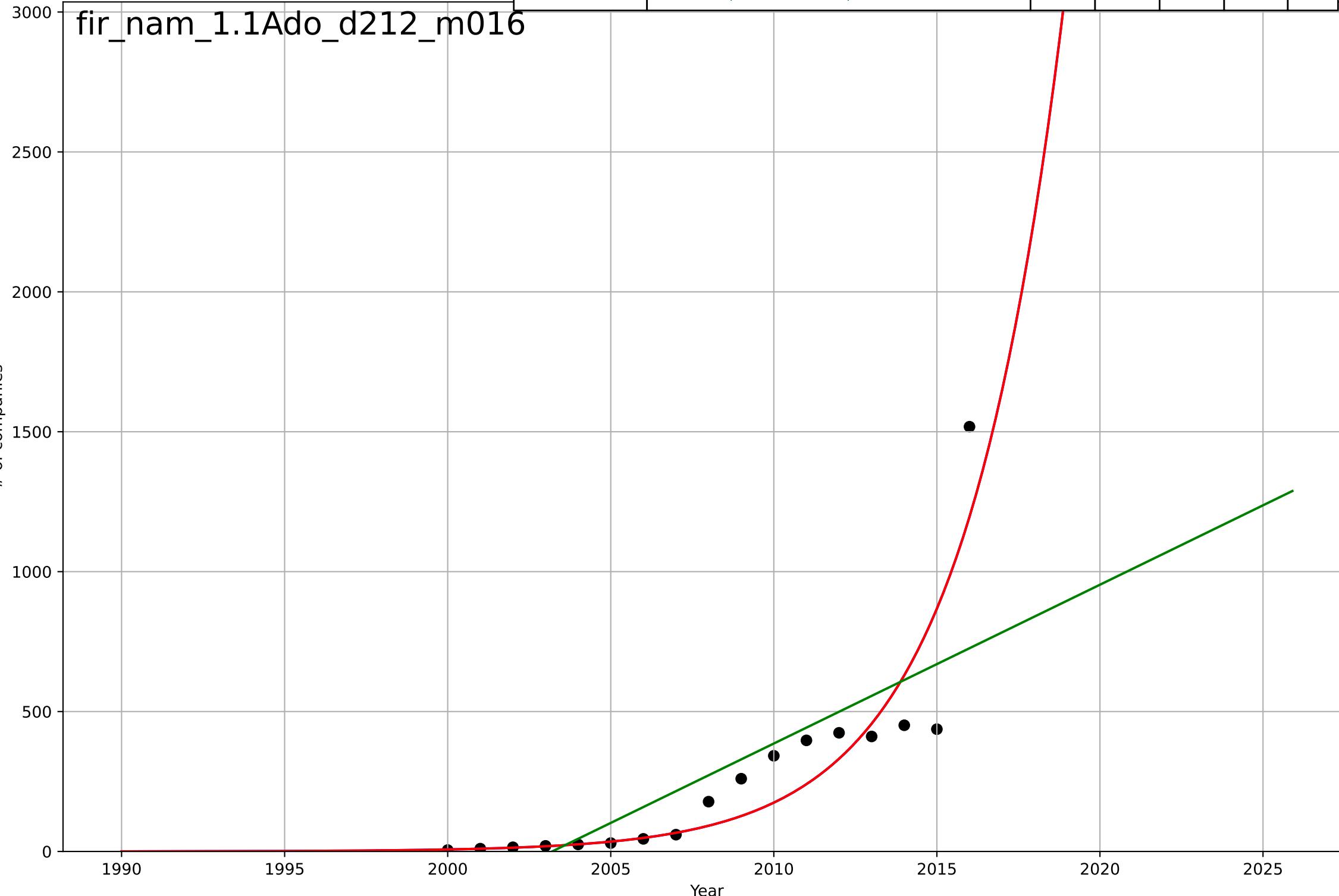
North America

1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2053, Dt=13.7, K=1.99e+08	0.321	0.811	0.768	155	96.1
Exponential	1.83e-06*exp(0.321*(x-1953))	0.321	0.811	0.784	155	96.1
Linear	intercept=-1.14e+05, slope=56.8	56.8	0.606	0.549	224	145



firm ESG reporting

Oceania

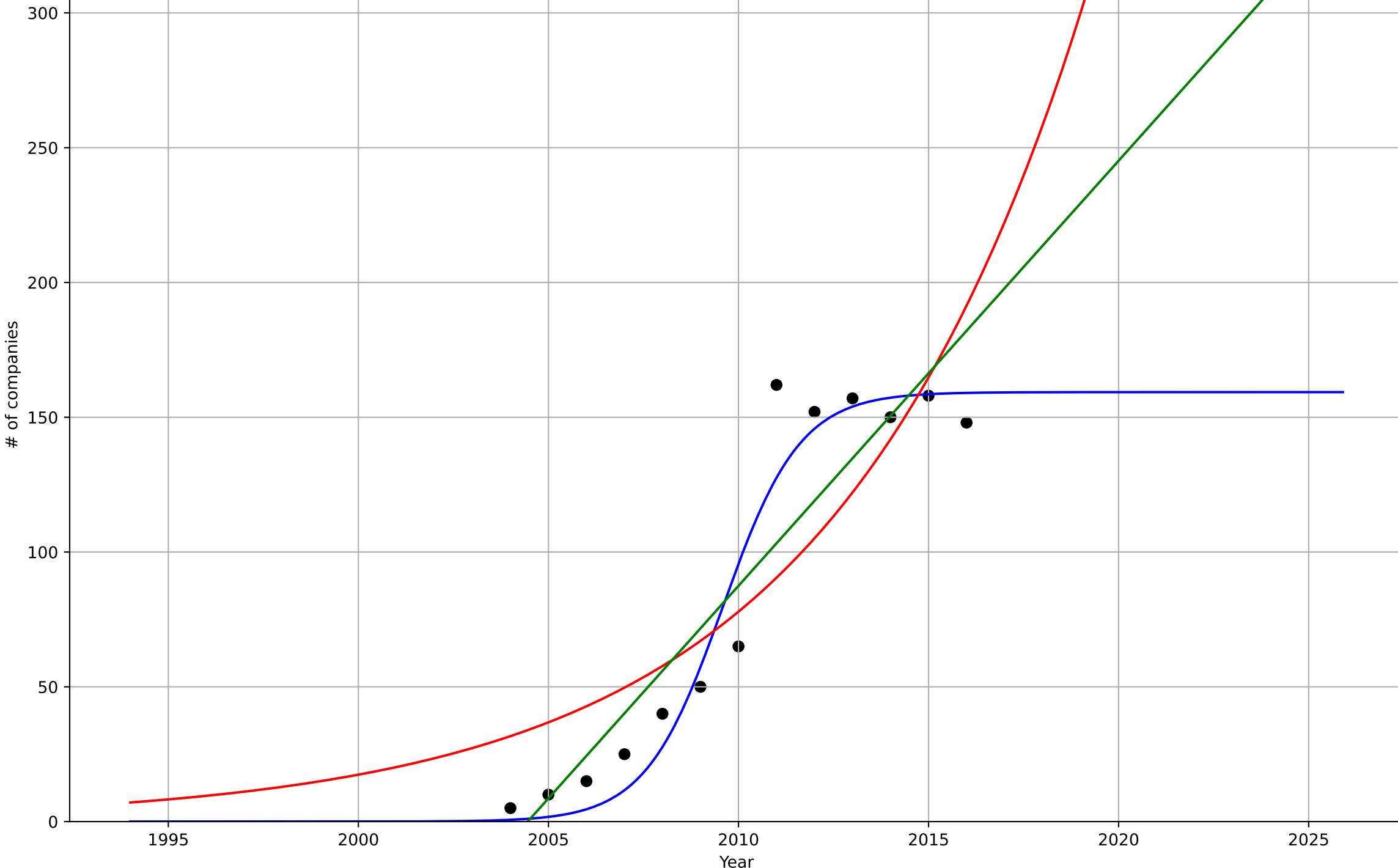
1.1 Adoption over time

Voluntary adoption of GRI reporting

# of companies

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=4.47, K=159	0.983	0.945	0.927	15	11.5
Exponential	0.0136*exp(0.15*(x-1952))	0.15	0.735	0.682	32.9	28.1
Linear	intercept=-3.16e+04, slope=15.8	15.8	0.85	0.82	24.8	19.6

fir\_oce\_1.1Ado\_d212\_m016



food waste reduction

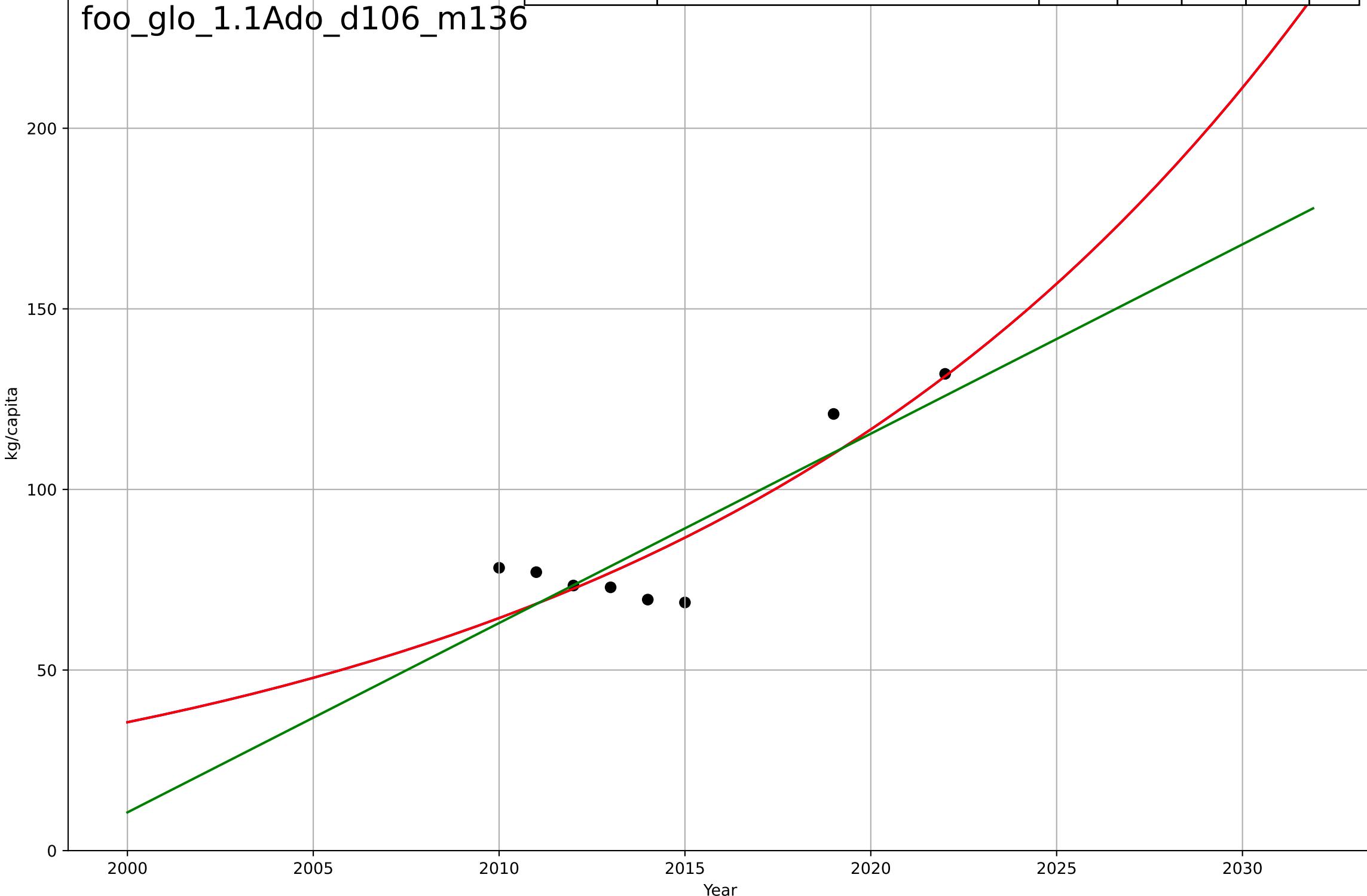
Global

1.1 Adoption over time

Global edible food waste per capita, total  
kg/capita

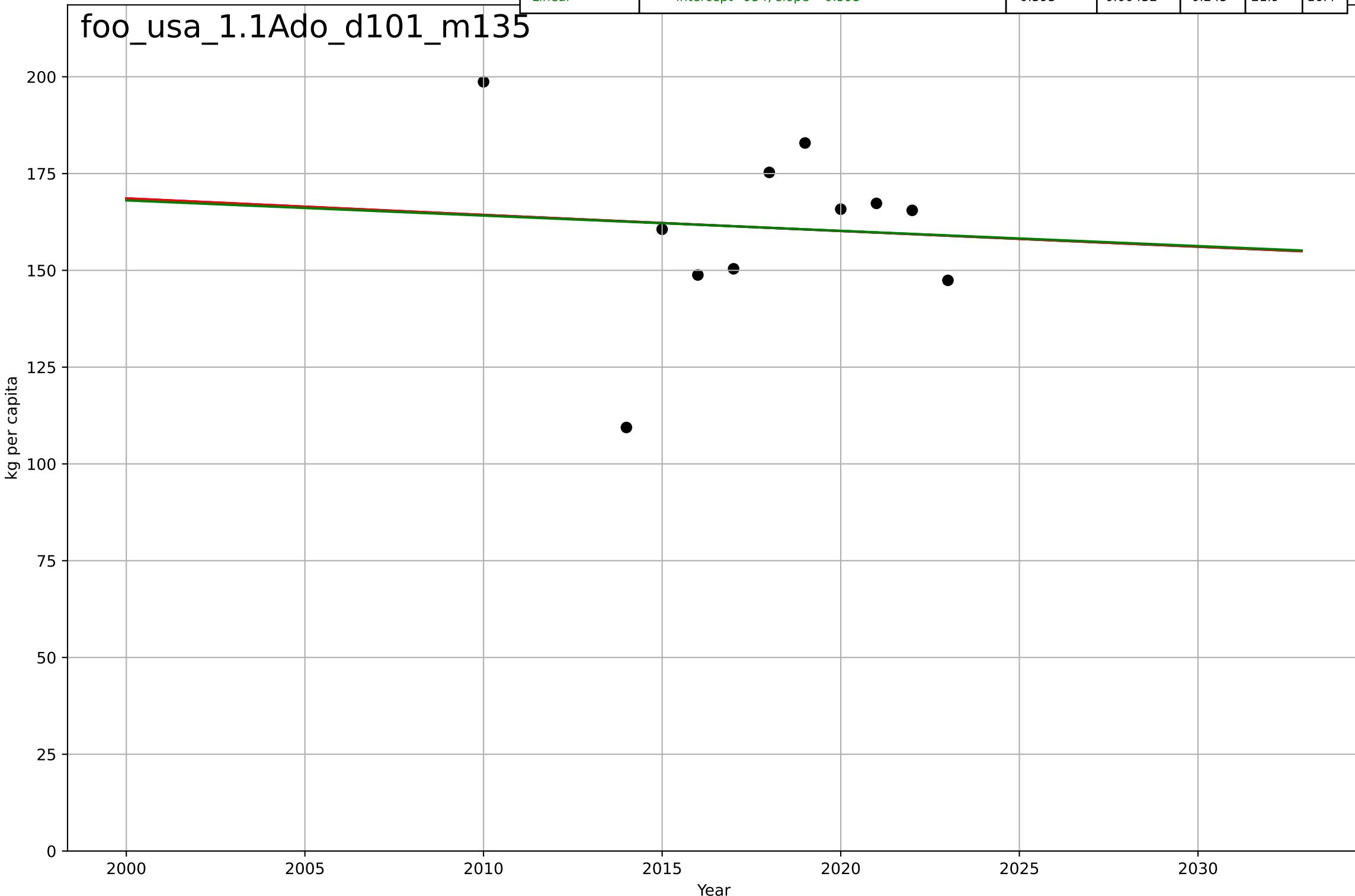
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2198, Dt=74, K=4.57e+06$	0.0594	0.799	0.648	10.5	8.68
Exponential	$0.163 \cdot \exp(0.0594 \cdot (x-1909))$	0.0594	0.799	0.718	10.5	8.68
Linear	intercept=-1.05e+04, slope=5.24	5.24	0.742	0.639	11.9	10.2

foo\_glo\_1.1Ado\_d106\_m136



food waste reduction  
 US  
 1.1 Adoption over time  
 Food waste generated in the US  
 kg per capita

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=364, D_t=-1.69e+03, K=1.2e+04$	-0.0026	0.00455	-0.422	21.9	16.4
Exponential	$276 \cdot \exp(-0.00256 \cdot (x-1808))$	-0.00256	0.00455	-0.244	21.9	16.4
Linear	intercept=954, slope=-0.393	-0.393	0.00432	-0.245	21.9	16.4



## low-carbon long distance travel

Germany

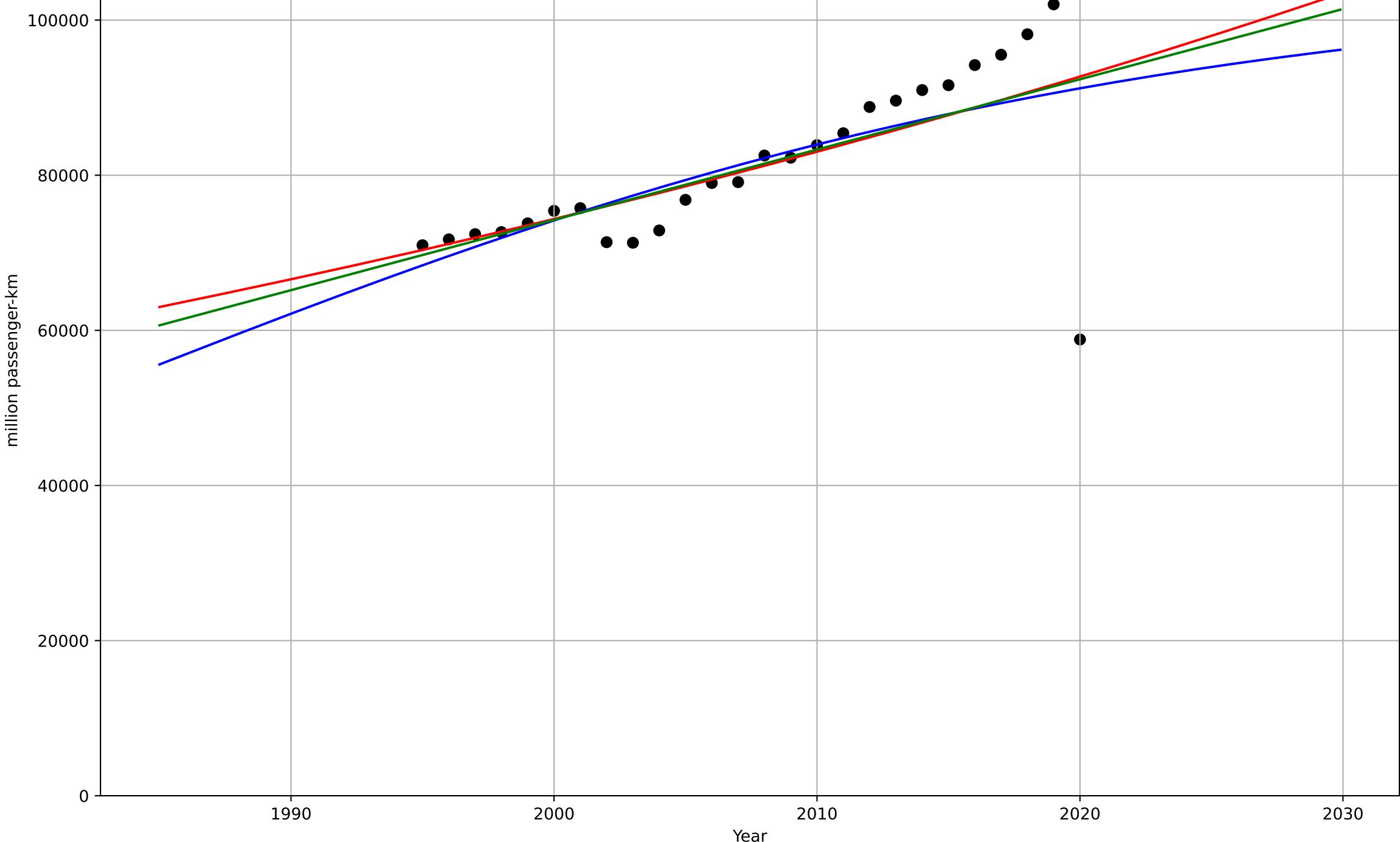
## 1.1 Adoption over Time

Passengers carried in railways

million passenger-km

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1983, D_t=86.7, K=1.05e+05$	0.0507	0.451	0.376	7.57e+03	4.3e+03
Exponential	$55.7 \cdot \exp(0.011 \cdot (x - 1348))$	0.011	0.437	0.388	7.66e+03	4.03e+03
Linear	intercept=-1.74e+06, slope=906	906	0.443	0.395	7.62e+03	4.09e+03

low\_ger\_1.1Ado\_d169\_m142



low-carbon long distance travel

Germany

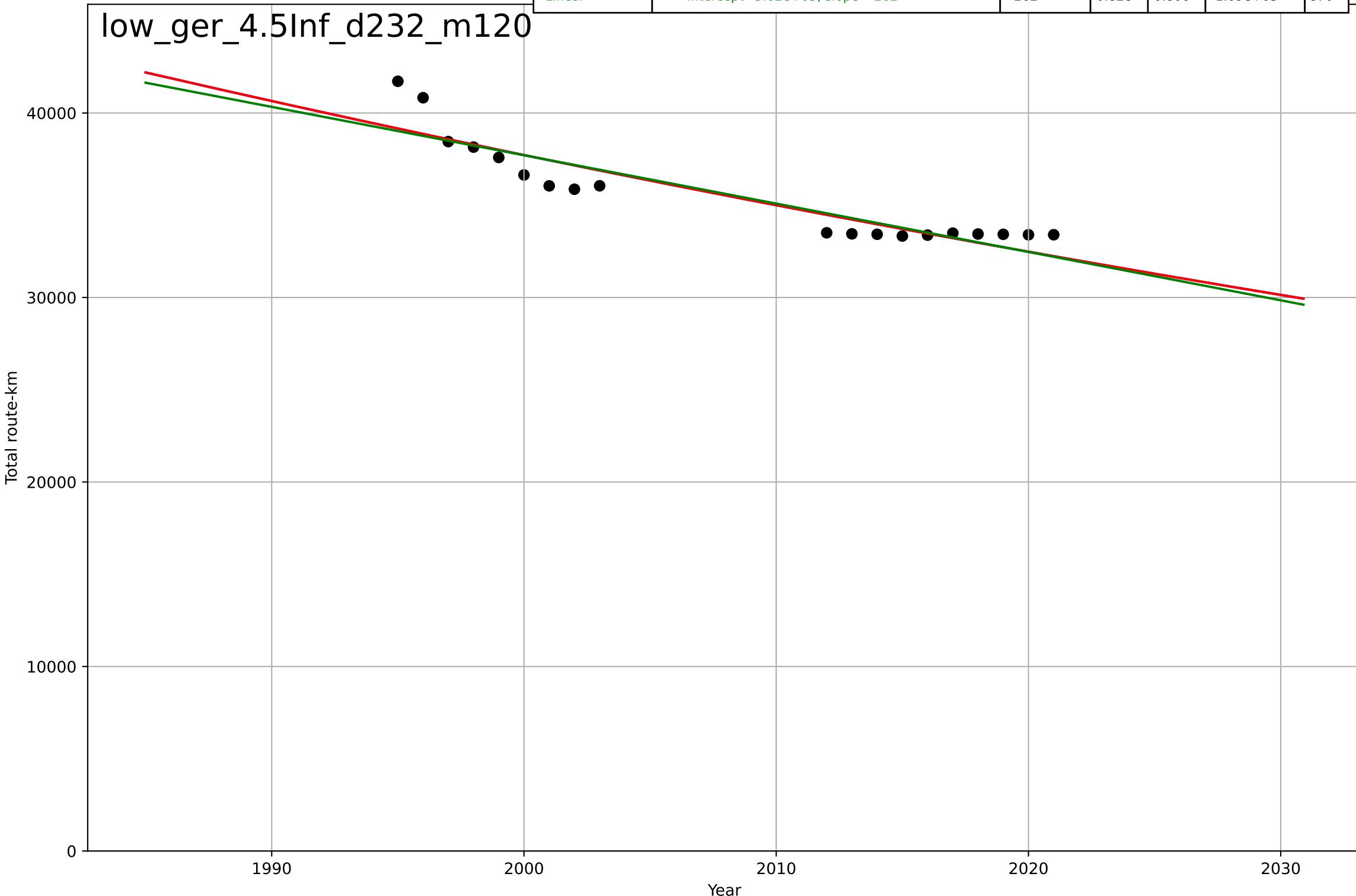
4.5 Physical Infrastructure dependence

rail infrastructure

Total route-km

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=770, D_t=-588, K=3.72e+08$	-0.00748	0.841	0.809	1.05e+03	846
Exponential	$6.54e+04 \cdot \exp(-0.00748 \cdot (x-1926))$	-0.00748	0.841	0.821	1.05e+03	846
Linear	intercept=5.62e+05, slope=-262	-262	0.828	0.806	1.09e+03	870

low\_ger\_4.5Inf\_d232\_m120



microfinance

Bangladesh

1.1 Adoption over time

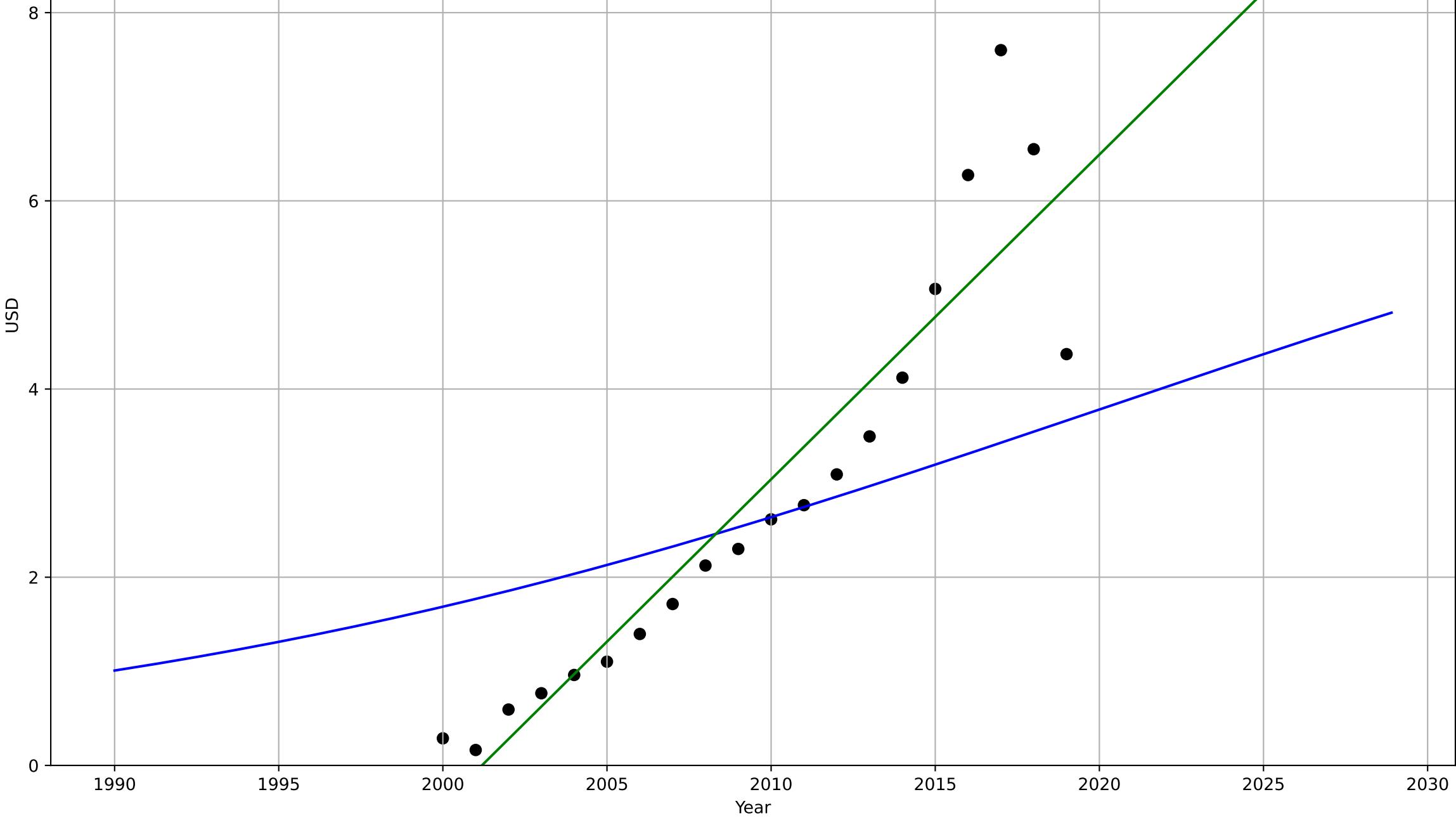
Gross lender loan portfolio

USD

1e9

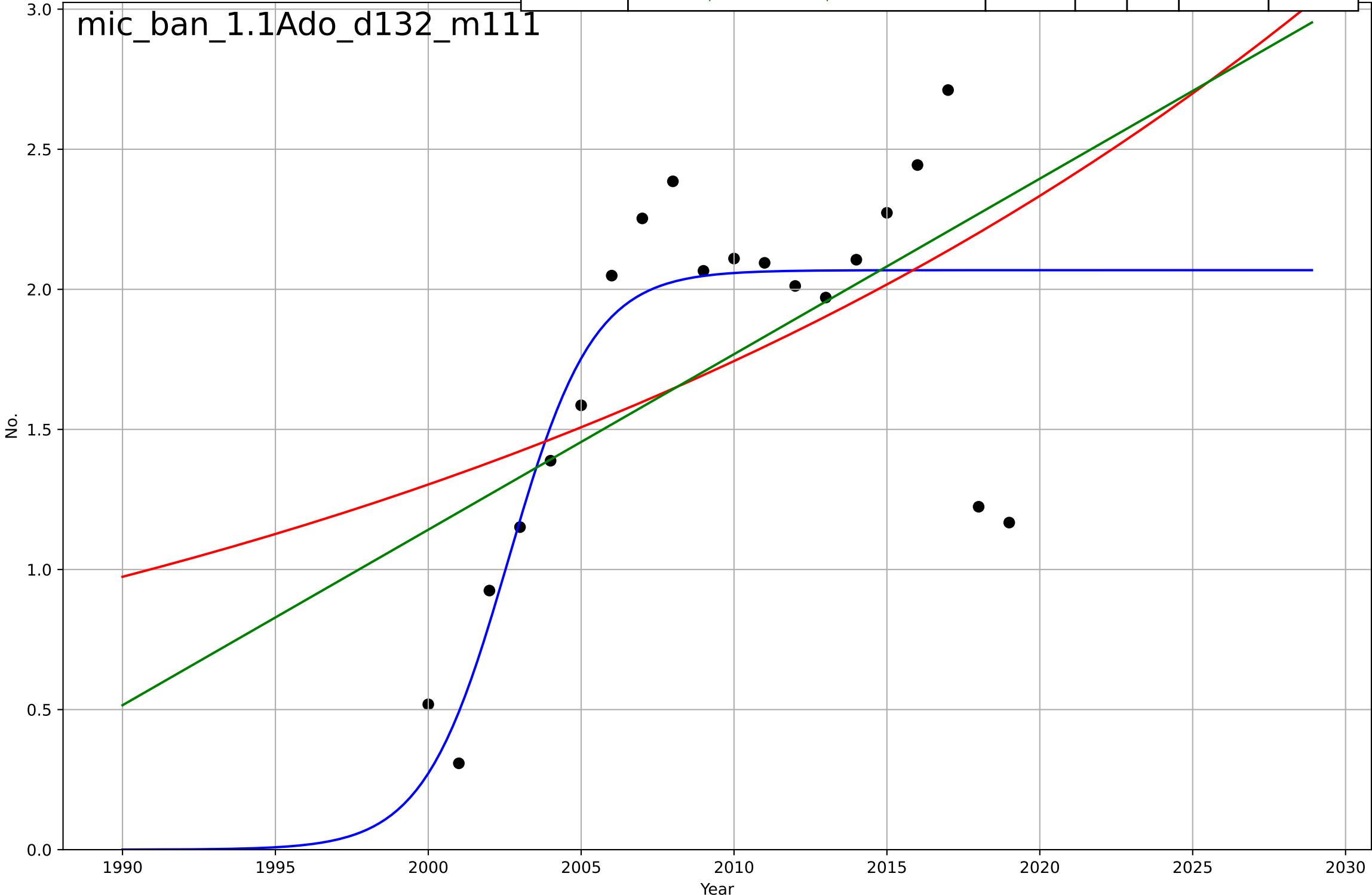
mic\_ban\_1.1Ado\_d107\_m122

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=70.6, K=7.6e+09	0.0623	0.436	0.331	1.61e+09	1.2e+09
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-6.91e+11, slope=3.45e+08	3.45e+08	0.866	0.851	7.82e+08	5.74e+08



microfinance  
 Bangladesh  
 1.1 Adoption over time  
 Number of active borrowers  
 No.  
 1e7

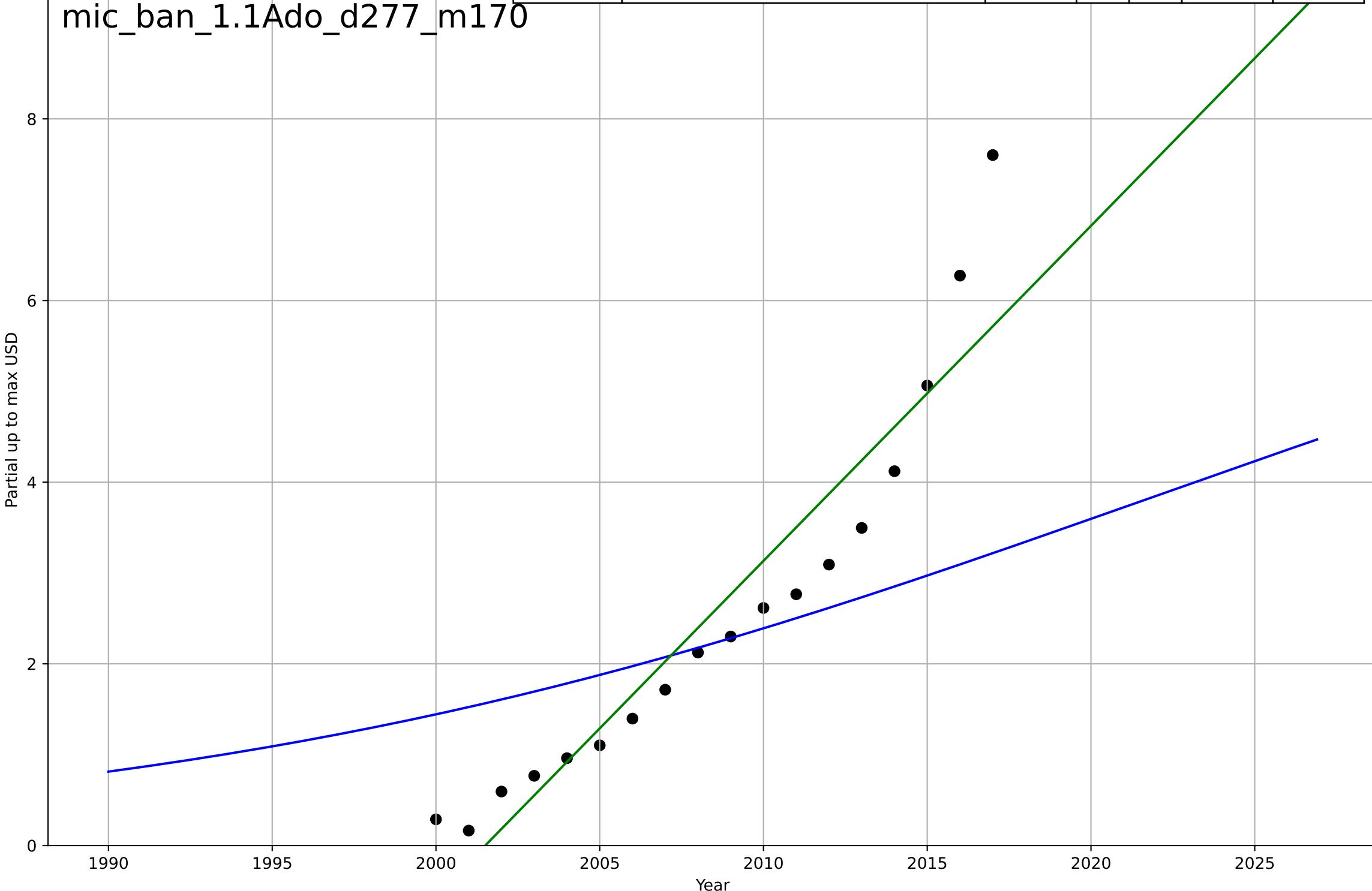
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=6.1, K=2.07e+07$	0.721	0.702	0.646	3.54e+06	2.45e+06
Exponential	$3.77 \cdot \exp(0.0291 \cdot (x-1483))$	0.0291	0.251	0.163	5.62e+06	4.64e+06
Linear	intercept=-1.24e+09, slope=6.26e+05	6.26e+05	0.31	0.229	5.39e+06	4.26e+06



microfinance  
 Bangladesh  
 1.1 Adoption over time  
 Partial up to max Gross lender loan portfolio  
 Partial up to max USD  
 $1e9$

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=65.4, K=7.6e+09$	0.0671	0.419	0.294	$1.55e+09$	$1.1e+09$
Exponential	$nan*exp(nan*(x-nan))$	nan	nan	nan	nan	nan
Linear	intercept=-7.38e+11, slope=3.69e+08	$3.69e+08$	0.89	0.875	$6.74e+08$	$5.29e+08$

mic\_ban\_1.1Ado\_d277\_m170



microfinance

Bangladesh

1.1 Adoption over time

Partial up to max Number of active borrowers

Partial up to max No.

1e7

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2003, Dt=7.3, K=2.25e+07	0.602	0.913	0.894	1.94e+06	1.67e+06
Exponential	0.0126*exp(0.0536*(x-1616))	0.0536	0.652	0.605	3.88e+06	3.04e+06
Linear	intercept=-2.16e+09, slope=1.08e+06	1.08e+06	0.733	0.697	3.4e+06	2.69e+06

mic\_ban\_1.1Ado\_d278\_m171

Partial up to max No.

1990 1995 2000 2005 2010 2015 2020 2025

Year

4

3

1

0

Year

Partial up to max No.

1990 1995 2000 2005 2010 2015 2020 2025

Year

4

3

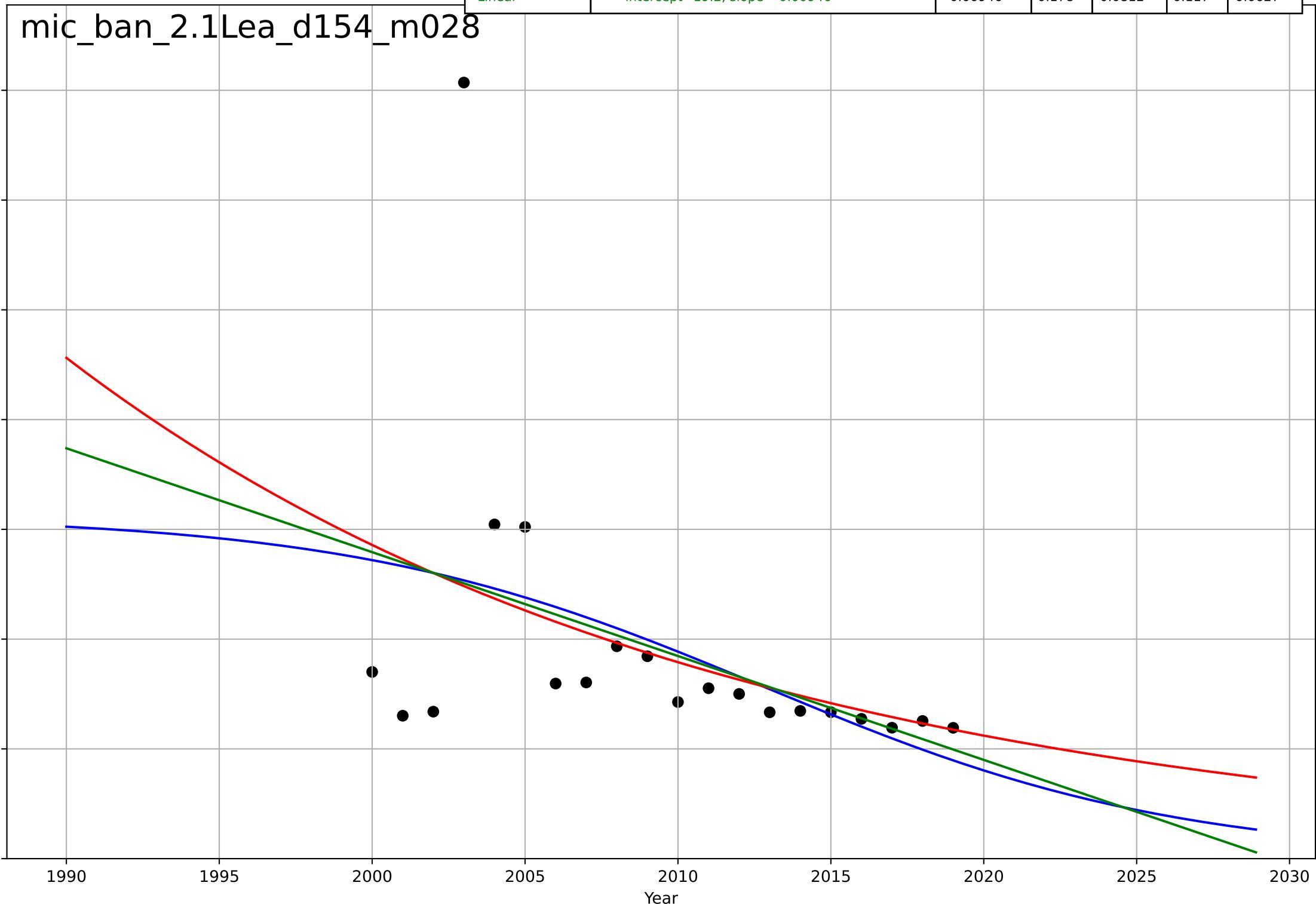
1

0

Year

microfinance  
 Bangladesh  
 2.1 Learning  
 Operating expense / loan portfolio  
 %

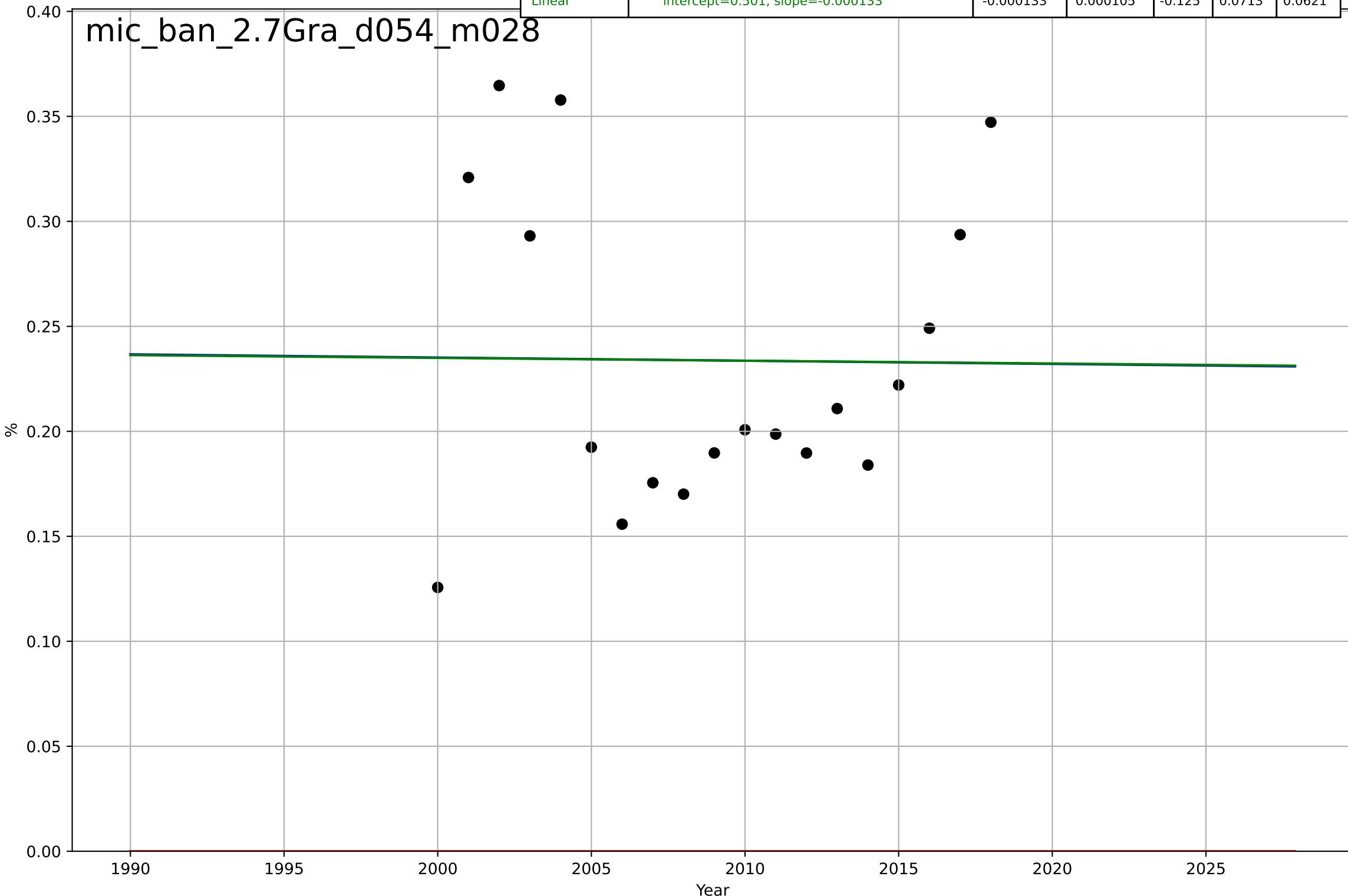
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2013, D_t=-29.7, K=0.313$	-0.148	0.187	0.0343	0.117	0.0645
Exponential	$1.01 \cdot \exp(-0.0468 \cdot (x-1973))$	-0.0468	0.168	0.0705	0.118	0.0613
Linear	intercept=19.2, slope=-0.00946	-0.00946	0.178	0.0812	0.117	0.0627



microfinance  
 Bangladesh  
 2.7 Granularity (Unit Size)  
 Average loan balance per borrower / GNI per capita  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-2655, D_t=-6.5e+03, K=5.72$	-0.000677	0.00012	-0.2	0.0713	0.0621
Exponential	$1.56e+03 \cdot \exp(0.000968 \cdot (x-157454))$	0.000968	-10.7	-12.2	0.244	0.234
Linear	intercept=0.501, slope=-0.000133	-0.000133	0.000105	-0.125	0.0713	0.0621

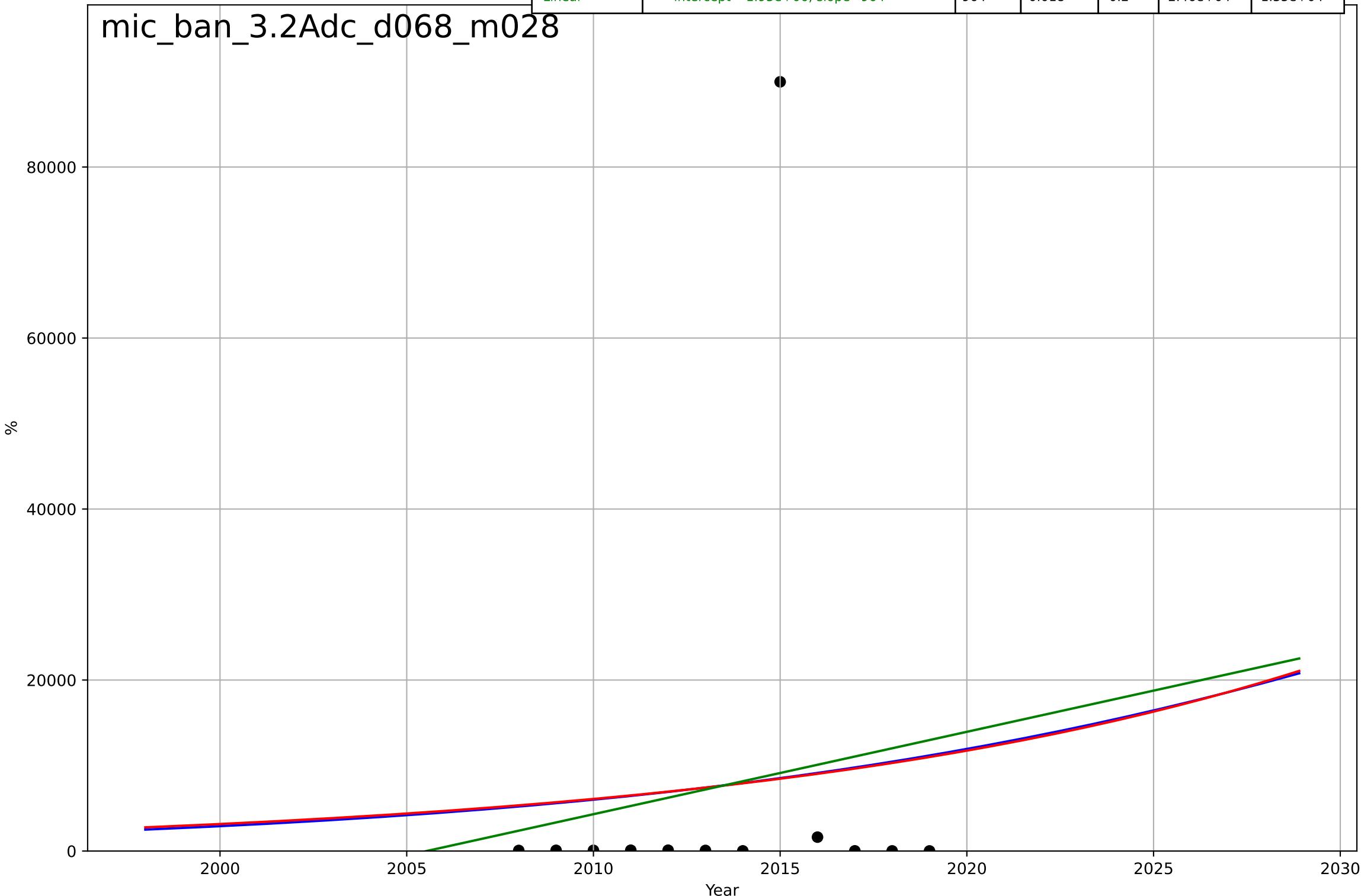
mic\_ban\_2.7Gra\_d054\_m028



microfinance  
 Bangladesh  
 3.2 Adopter Characteristics  
 Clients below poverty line  
 %

	Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
	Logistic	$t_0=2044, D_t=57.7, K=8.81e+04$	0.0762	0.0102	-0.361	2.47e+04	1.38e+04
	Exponential	$0.0133 \cdot \exp(0.0657 \cdot (x-1811))$	0.0657	0.00968	-0.21	2.47e+04	1.38e+04
	Linear	intercept=-1.93e+06, slope=964	964	0.018	-0.2	2.46e+04	1.35e+04

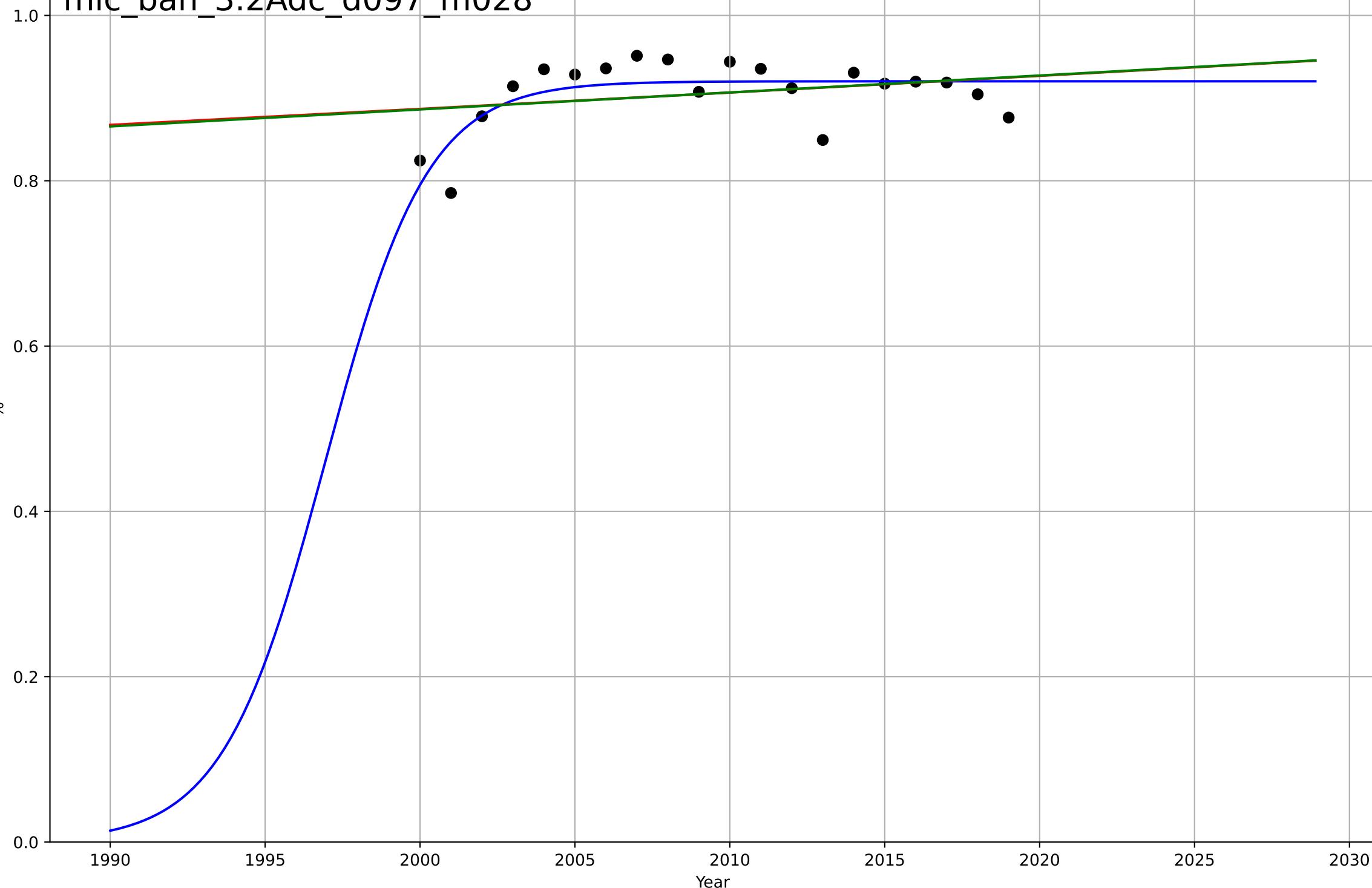
mic\_ban\_3.2Adc\_d068\_m028



microfinance  
 Bangladesh  
 3.2 Adopter characteristics  
 Female borrowers  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=7.28, K=0.92$	0.604	0.534	0.447	0.0288	0.0219
Exponential	$3.23 \cdot \exp(0.00221 \cdot (x-2586))$	0.00221	0.0767	-0.0319	0.0405	0.0311
Linear	intercept=-3.22, slope=0.00205	0.00205	0.0788	-0.0296	0.0405	0.0311

mic\_ban\_3.2Adc\_d097\_m028



microfinance

India

1.1 Adoption over time

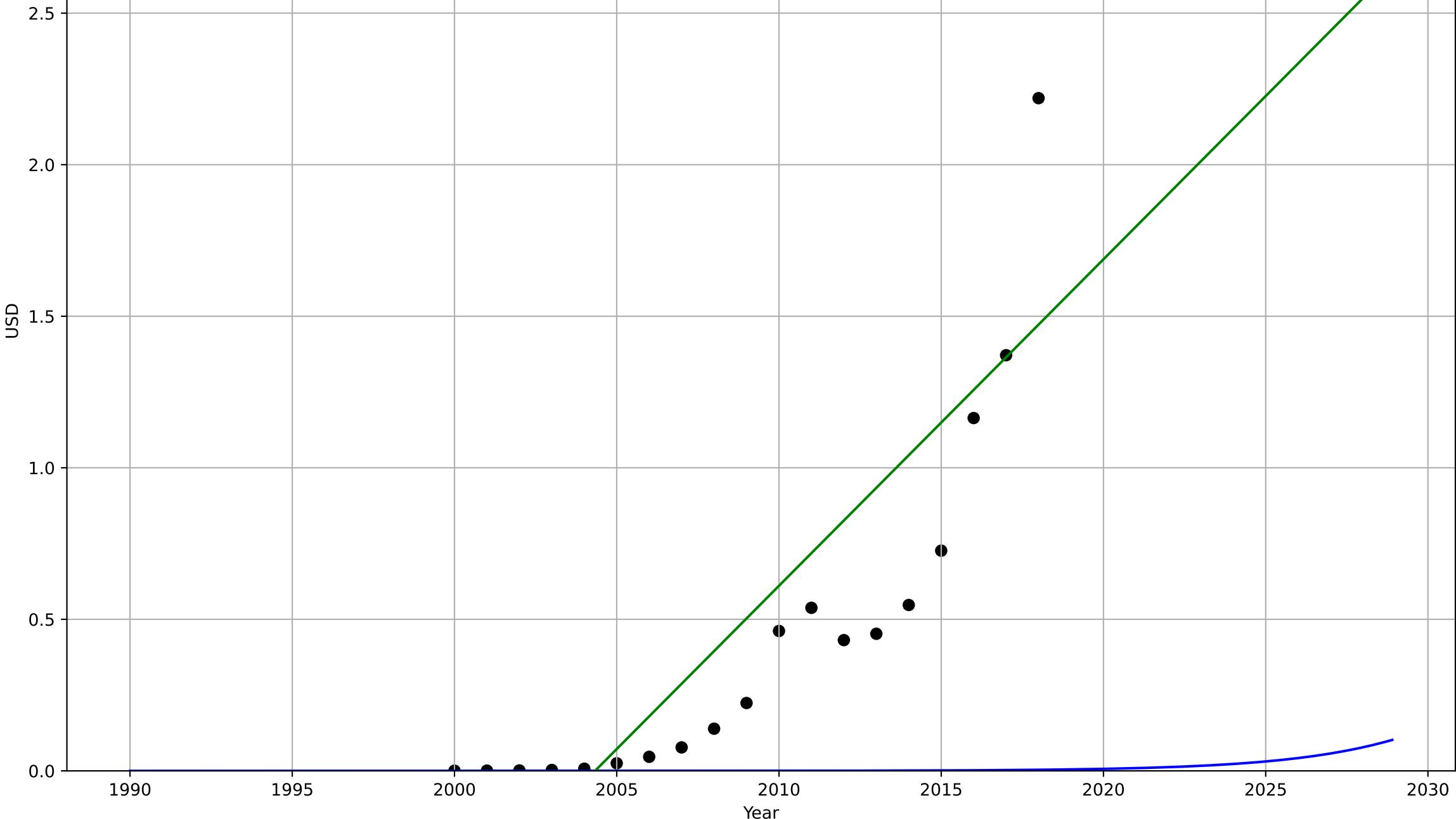
Gross lender loan portfolio

USD

1e10

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2039, D_t=14.1, K=2.7e+10$	0.312	-0.556	-0.848	9.27e+09	5.56e+09
Exponential	$nan \cdot exp(nan \cdot (x - nan))$	nan	nan	nan	nan	nan
Linear	intercept=-2.16e+12, slope=1.08e+09	1.08e+09	0.699	0.663	4.08e+09	3.14e+09

mic\_ind\_1.1Ado\_d107\_m122



microfinance

India

1.1 Adoption over time

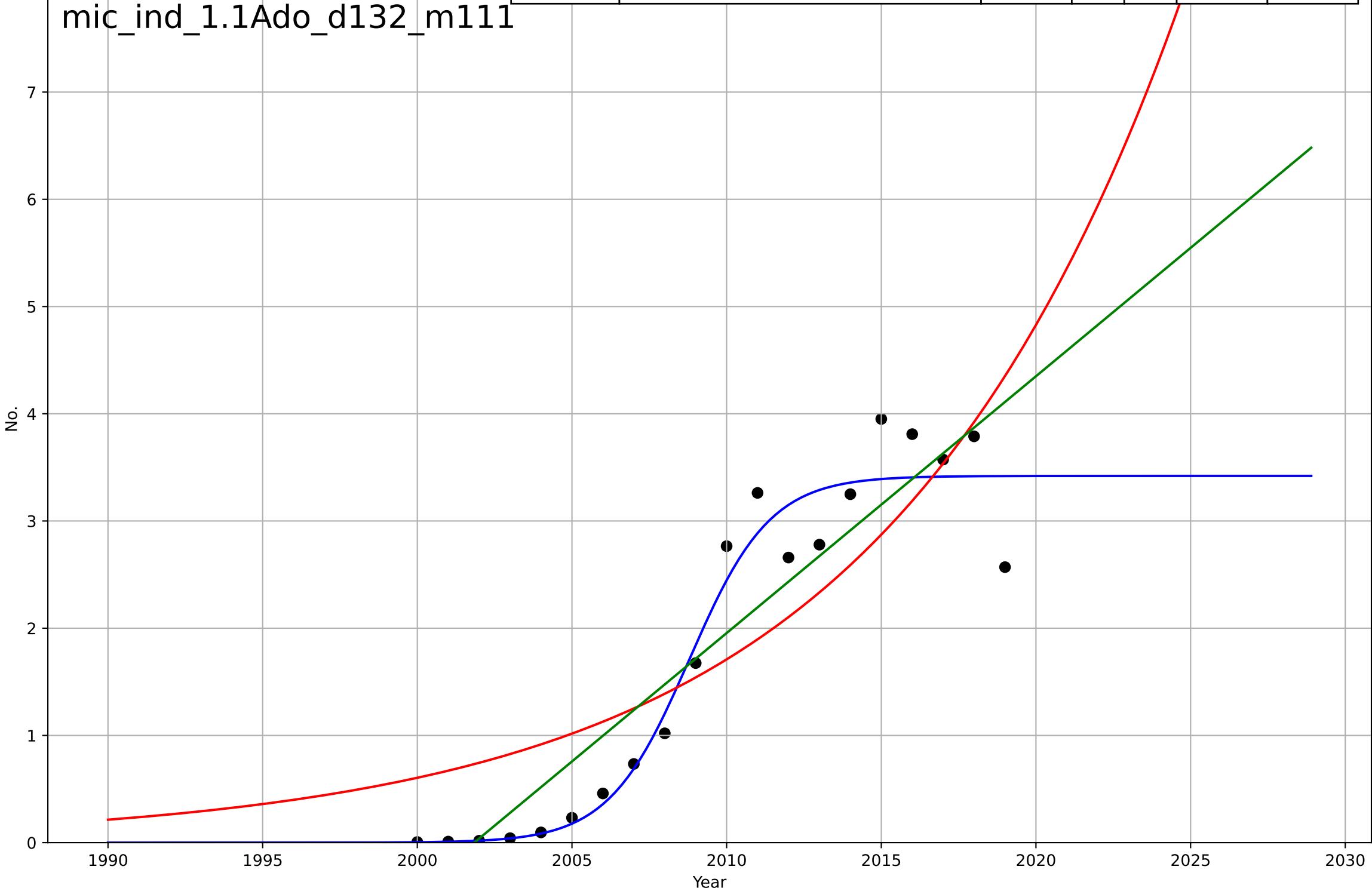
Number of active borrowers

No.

1e7

mic\_ind\_1.1Ado\_d132\_m111

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=5.74, K=3.42e+07	0.766	0.951	0.942	3.31e+06	2.36e+06
Exponential	1.12e-06*exp(0.104*(x-1718))	0.104	0.715	0.682	7.99e+06	6.9e+06
Linear	intercept=-4.79e+09, slope=2.39e+06	2.39e+06	0.851	0.834	5.78e+06	4.42e+06



microfinance

India

1.1 Adoption over time

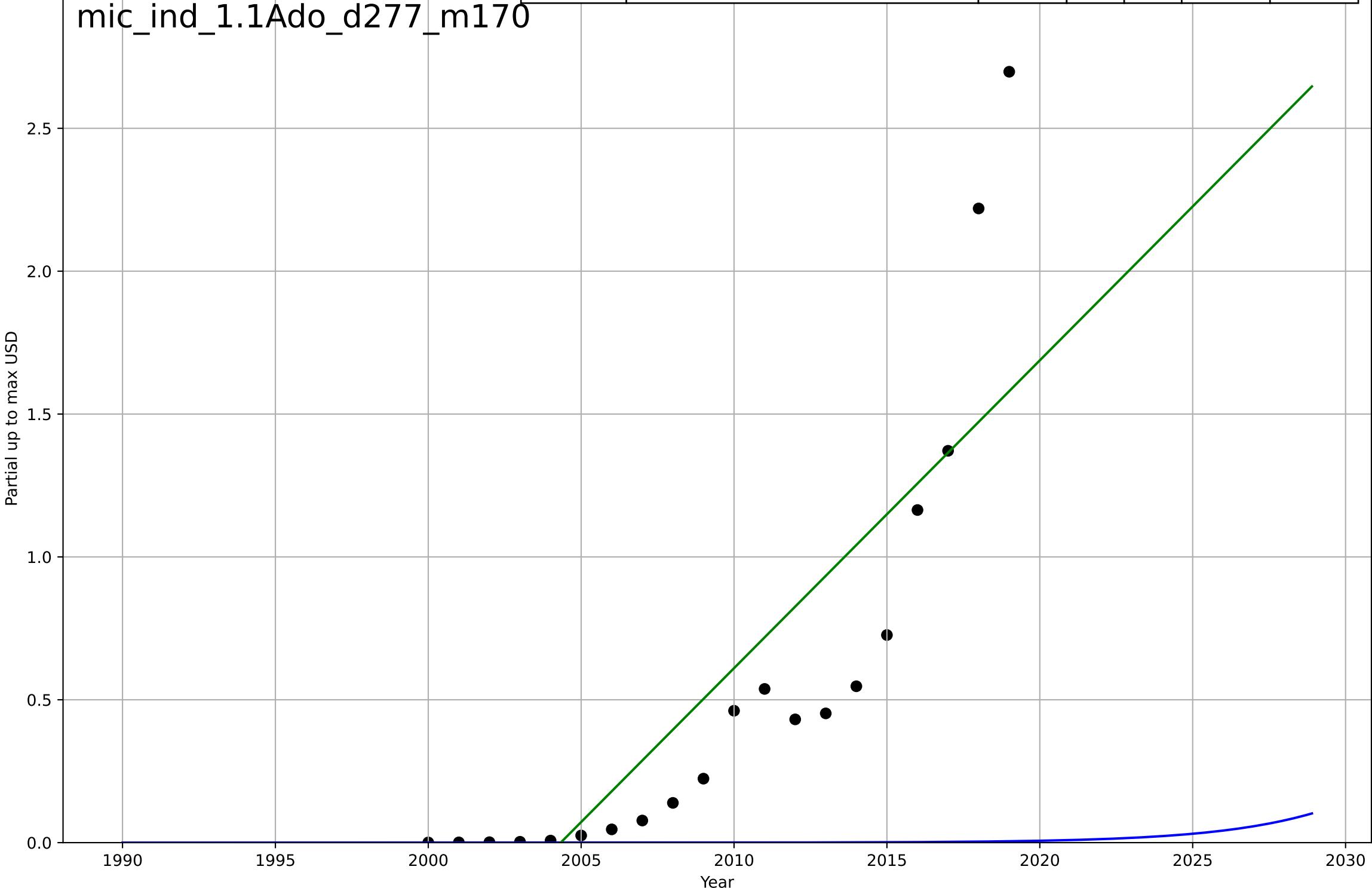
Partial up to max Gross lender loan portfolio

Partial up to max USD

1e10

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2039, D_t=14.1, K=2.7e+10$	0.312	-0.556	-0.848	9.27e+09	5.56e+09
Exponential	$nan \cdot exp(nan \cdot (x-nan))$	nan	nan	nan	nan	nan
Linear	intercept=-2.16e+12, slope=1.08e+09	1.08e+09	0.699	0.663	4.08e+09	3.14e+09

mic\_ind\_1.1Ado\_d277\_m170



microfinance

India

1.1 Adoption over time

Partial up to max Number of active borrowers

Partial up to max No.

1e7

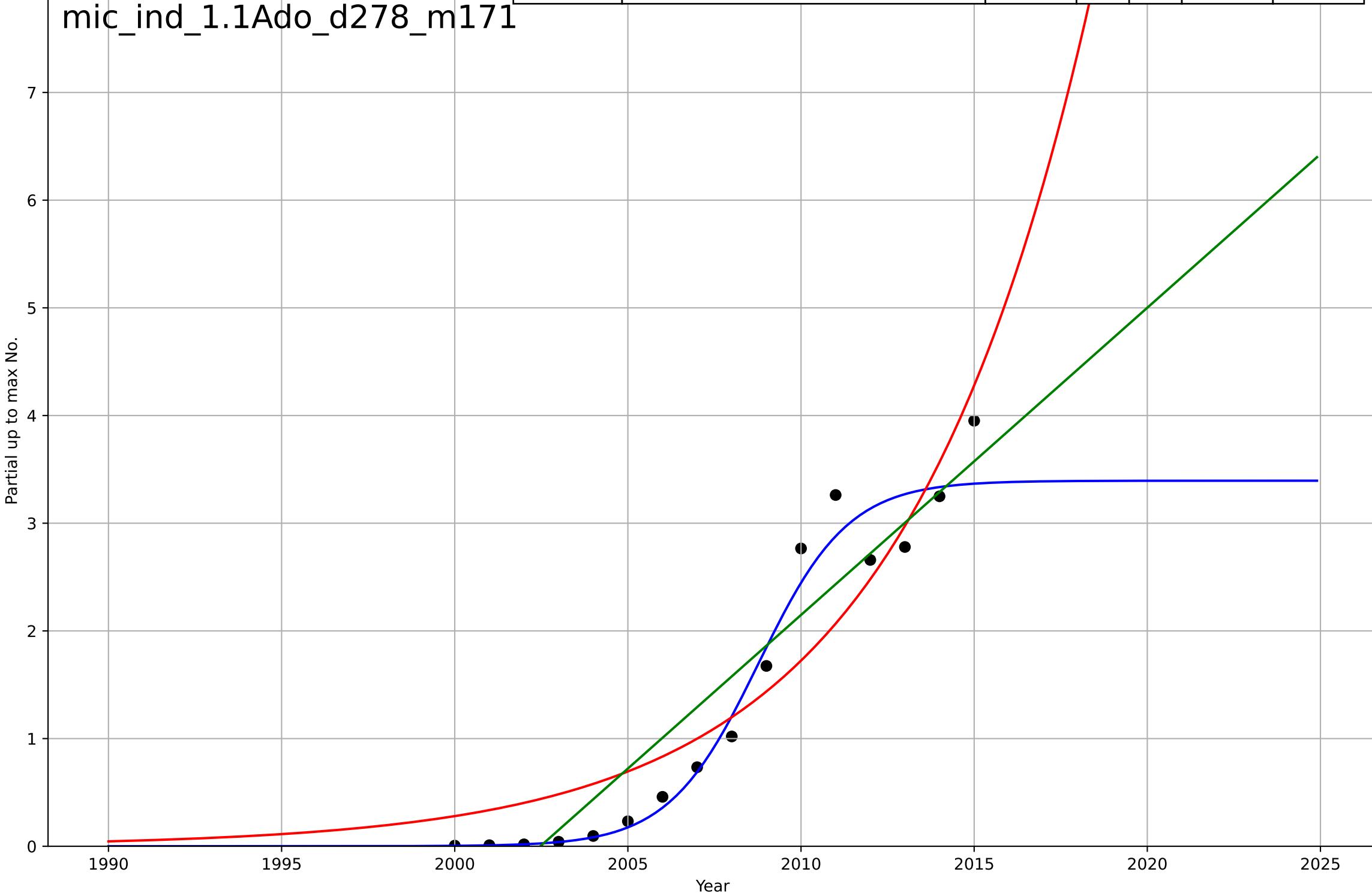
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=5.69, K=3.39e+07$	0.772	0.963	0.954	2.67e+06	1.82e+06
Exponential	$6.83e-11 \cdot \exp(0.182 \cdot (x-1790))$	0.182	0.869	0.849	5.04e+06	4.17e+06
Linear	intercept=-5.71e+09, slope=2.85e+06	2.85e+06	0.893	0.877	4.54e+06	3.89e+06

mic\_ind\_1.1Ado\_d278\_m171

Partial up to max No.

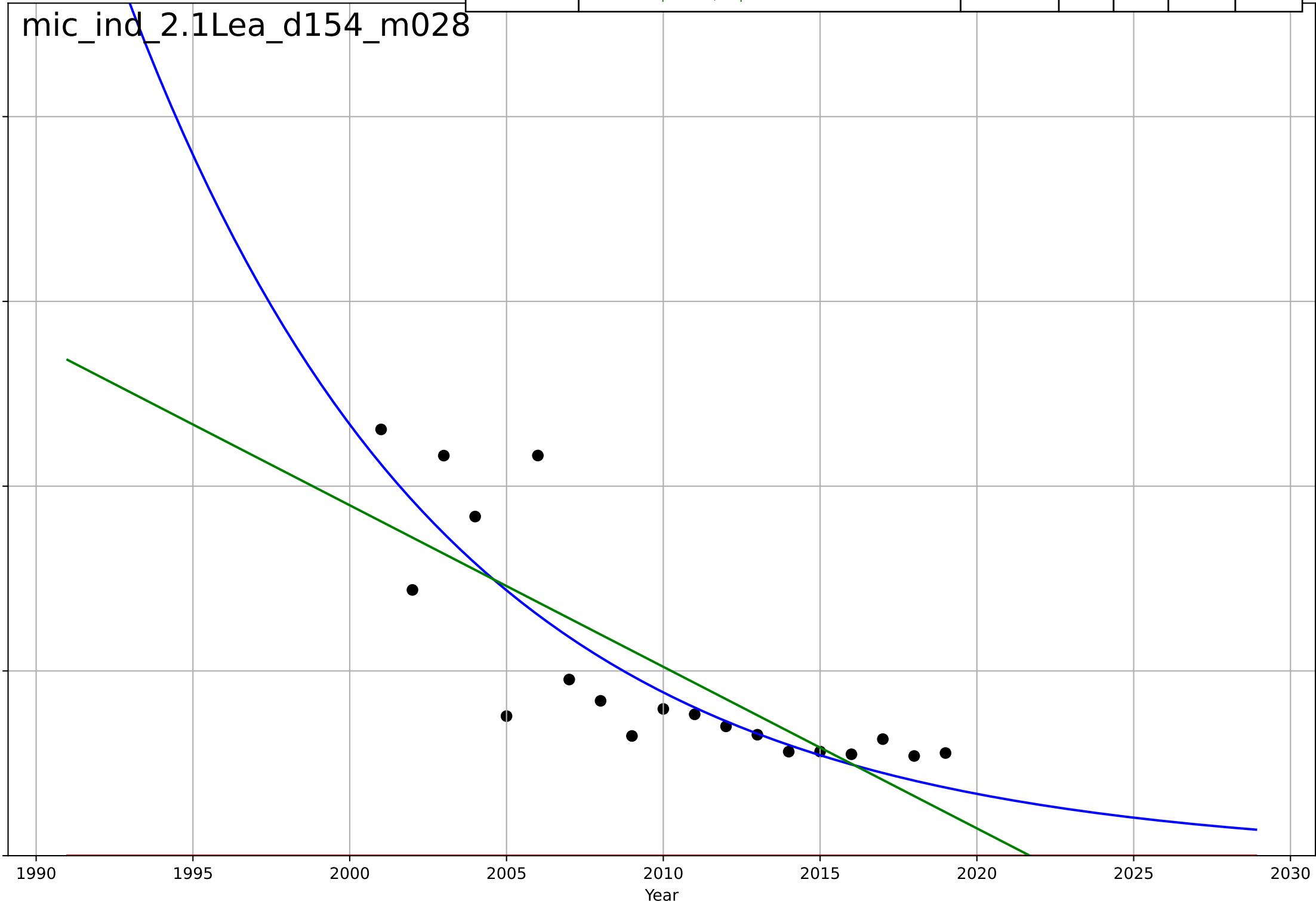
1990 1995 2000 2005 2010 2015 2020 2025

Year



microfinance  
 India  
 2.1 Learning  
 Operating expense / loan portfolio  
 %

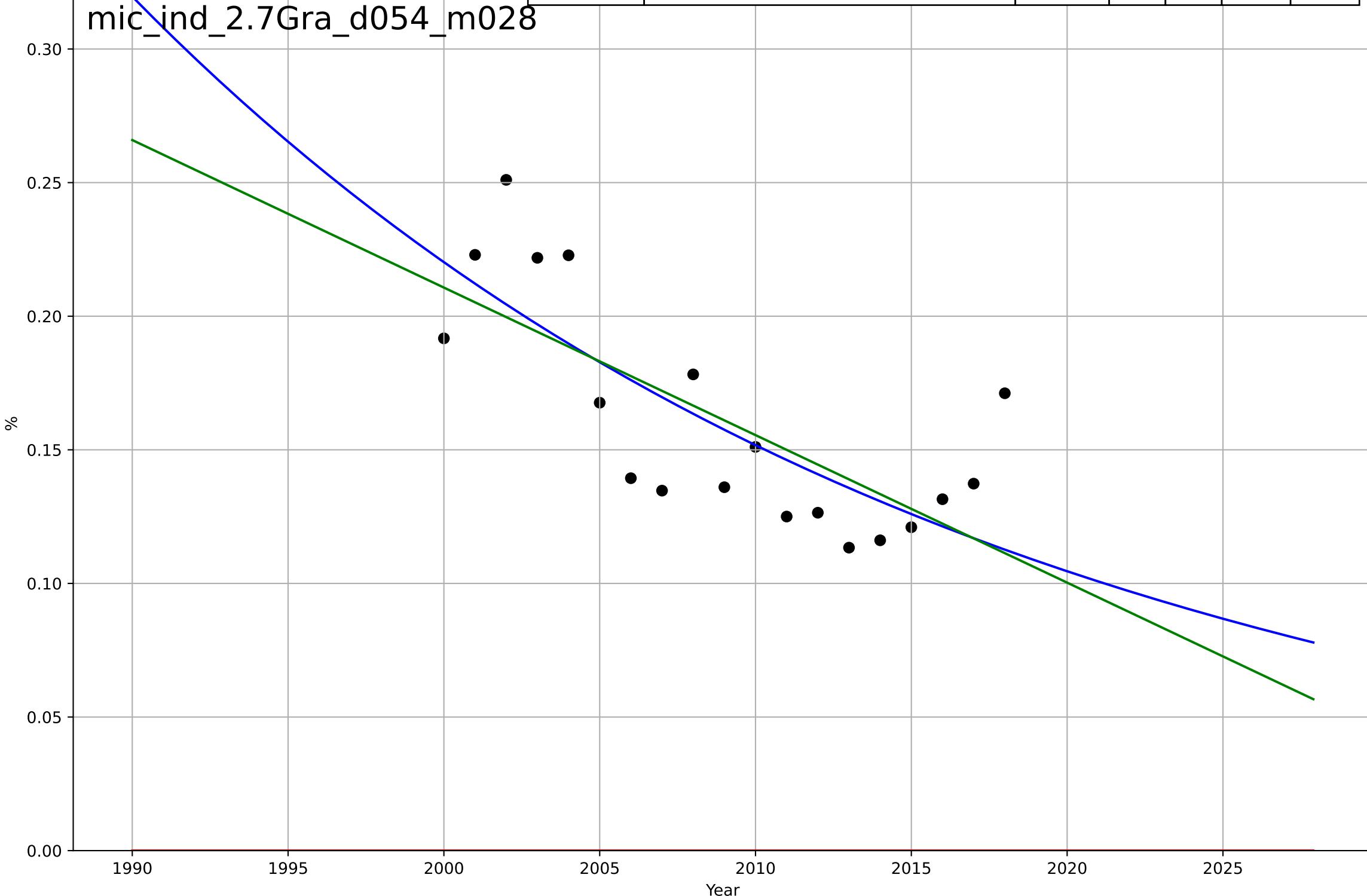
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1897, Dt=-45.2, K=1.01e+04	-0.0971	0.708	0.649	0.0654	0.0469
Exponential	-1.54e+03*exp(-0.000663*(x-152628))	-0.000663	-2.85	-3.34	0.238	0.204
Linear	intercept=35.4, slope=-0.0175	-0.0175	0.627	0.58	0.074	0.0615



microfinance  
 India  
 2.7 Granularity (Unit Size)  
 Average loan balance per borrower / GNI per capita  
 %

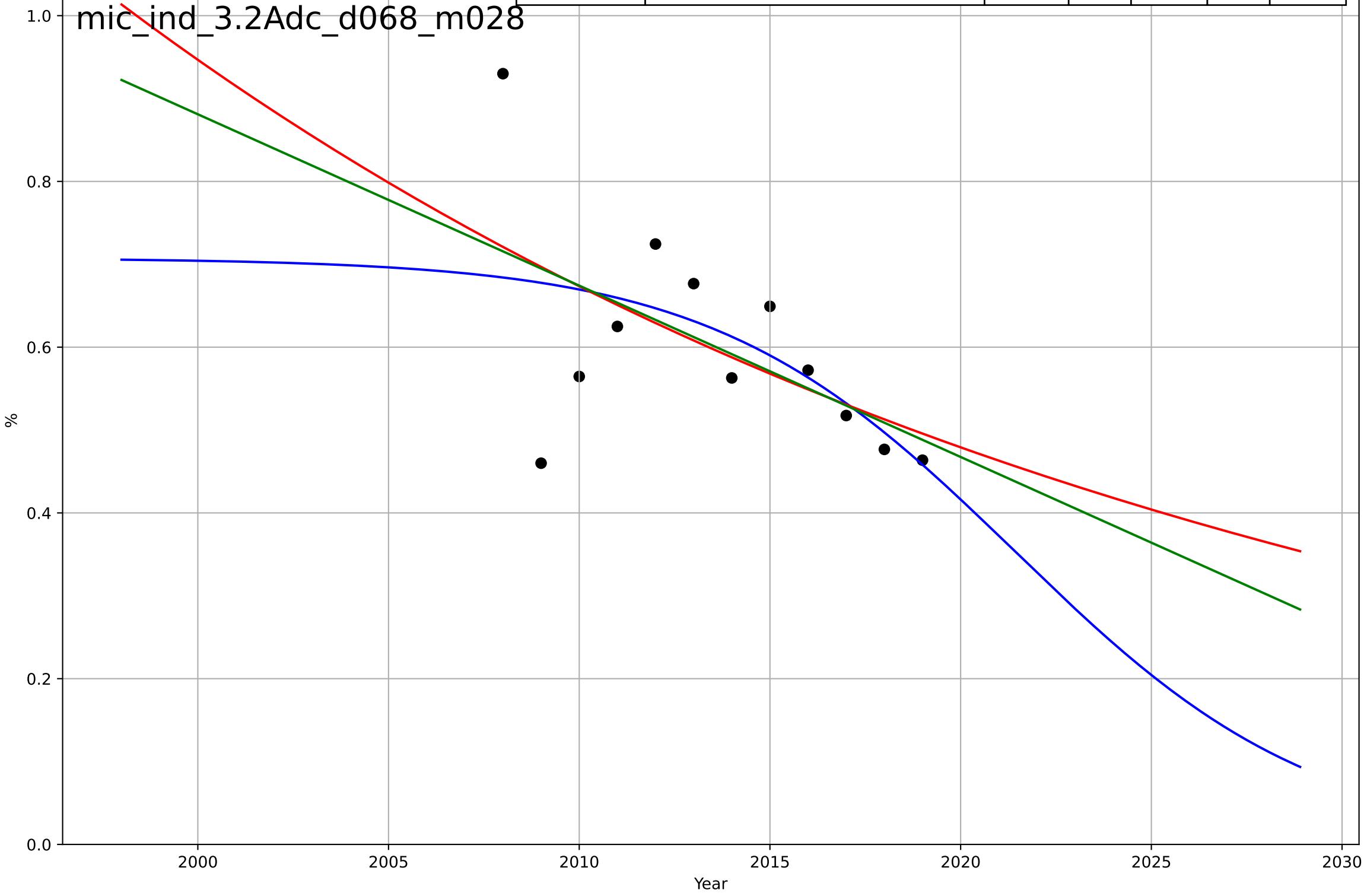
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1738, D_t=-118, K=3.83e+03$	-0.0373	0.581	0.497	0.0268	0.0229
Exponential	$1.56e+03 \cdot \exp(0.000466 \cdot (x - 157443))$	0.000466	-15.1	-17.2	0.166	0.161
Linear	intercept=11.3, slope=-0.00552	-0.00552	0.534	0.476	0.0282	0.0244

mic\_ind\_2.7Gra\_d054\_m028



microfinance  
 India  
 3.2 Adopter Characteristics  
 Clients below poverty line  
 %

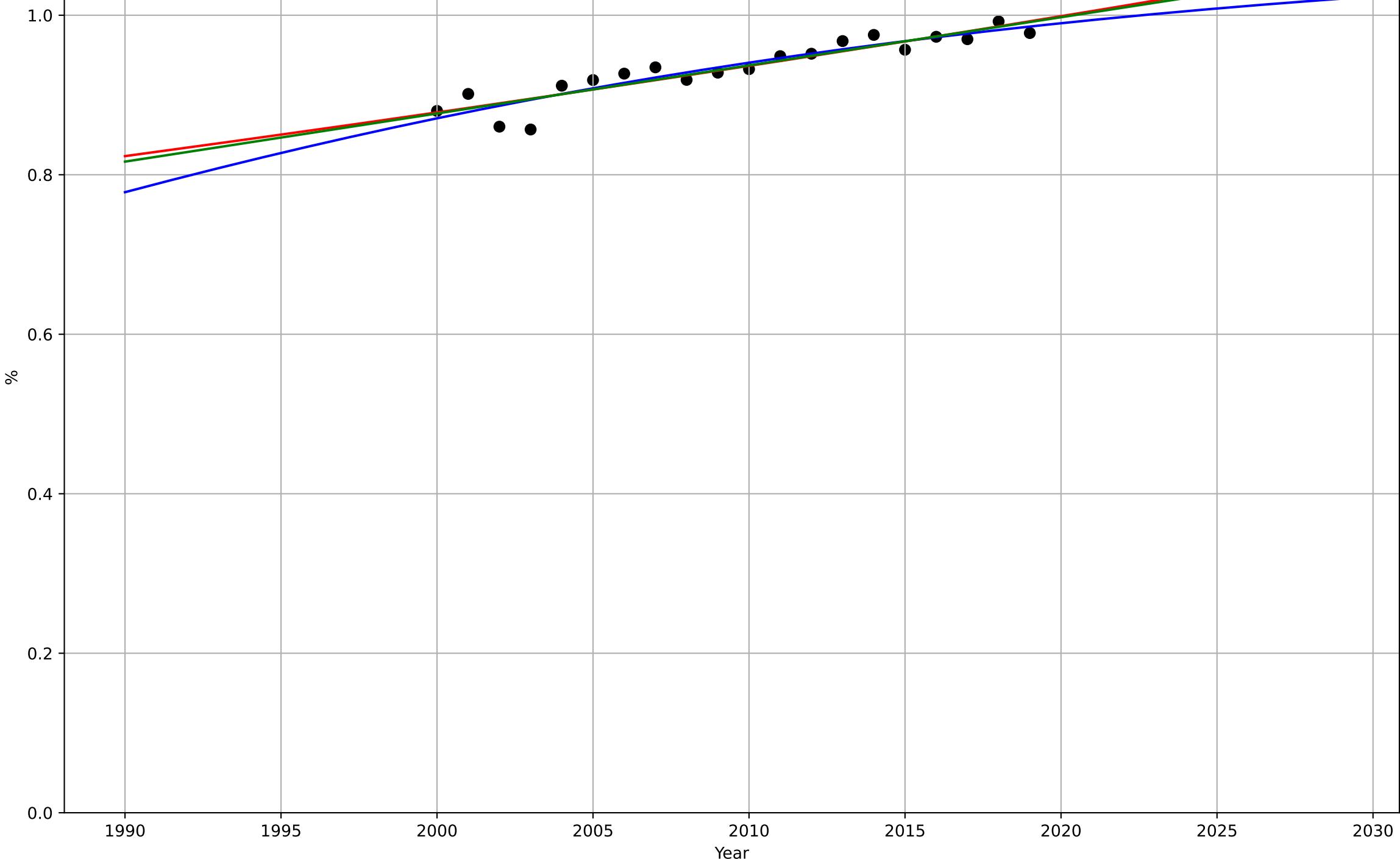
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=-17.5, K=0.708$	-0.251	0.315	0.0583	0.106	0.0737
Exponential	$0.319 \cdot \exp(-0.0341 \cdot (x-2032))$	-0.0341	0.307	0.154	0.107	0.0796
Linear	intercept=42.2, slope=-0.0207	-0.0207	0.31	0.157	0.106	0.0784



microfinance  
India  
3.2 Adopter Characteristics  
Female borrowers  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1970, D_t=93, K=1.08$	0.0473	0.859	0.833	0.0142	0.0114
Exponential	$4.55 \cdot \exp(0.00644 \cdot (x-2255))$	0.00644	0.849	0.831	0.0146	0.0115
Linear	intercept=-11.2, slope=0.00604	0.00604	0.852	0.835	0.0145	0.0115

mic\_ind\_3.2Adc\_d097\_m028



microfinance

Nigeria

1.1 Adoption over time

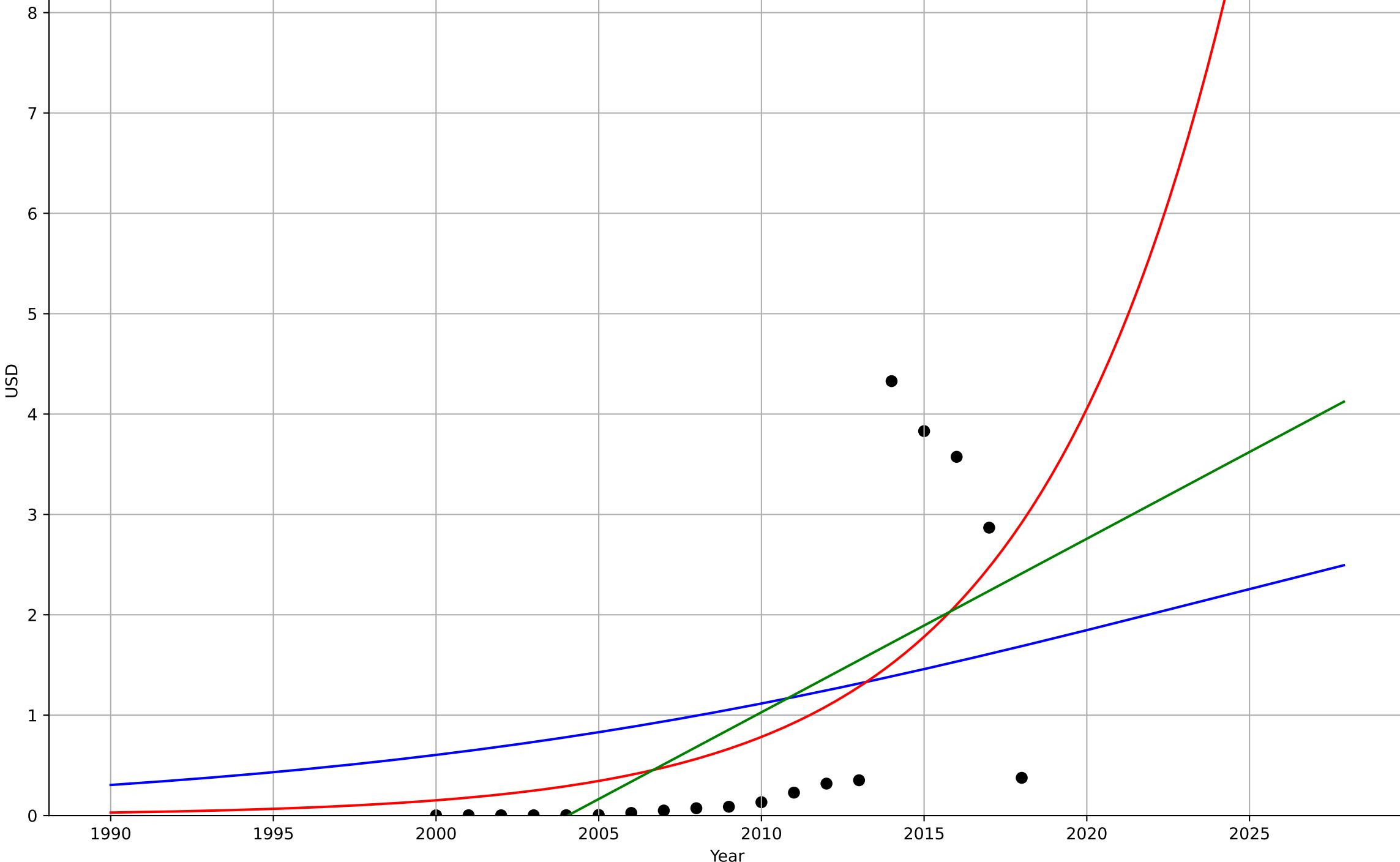
Gross lender loan portfolio

USD

1e9

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2024, D_t=57.7, K=4.33e+09$	0.0762	0.224	0.0686	1.29e+09	1.14e+09
Exponential	$1.24e-33 \cdot \exp(0.164 \cdot (x-1424))$	0.164	0.401	0.326	1.14e+09	8.21e+08
Linear	intercept=-3.46e+11, slope=1.73e+08	1.73e+08	0.416	0.343	1.12e+09	8.91e+08

mic\_nig\_1.1Ado\_d107\_m122



microfinance

Nigeria

1.1 Adoption over time

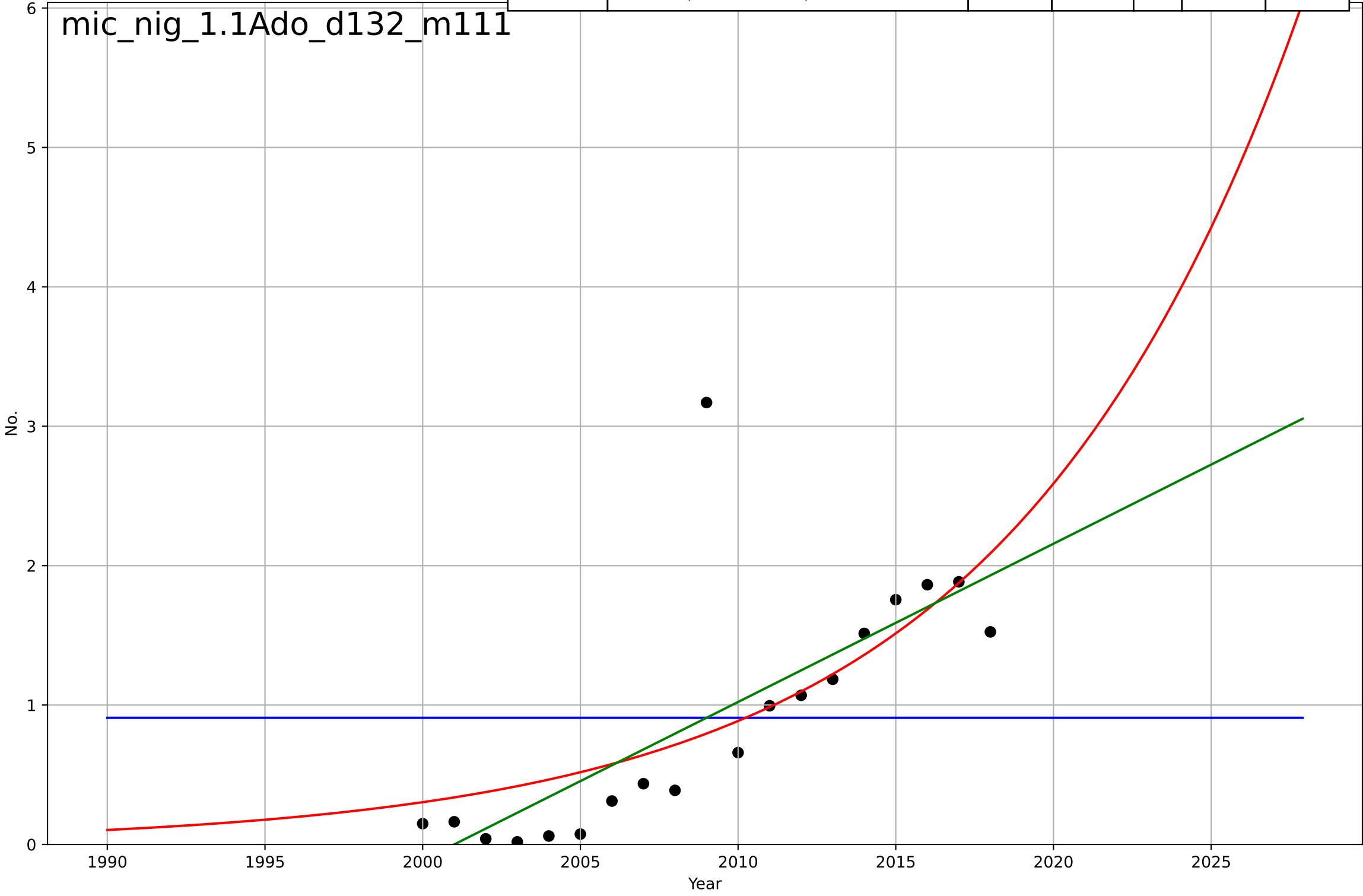
Number of active borrowers

No.

1e6

mic\_nig\_1.1Ado\_d132\_m111

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1927243, Dt=-1.16e+06, K=9.09e+05$	-3.77e-06	-2.49e-08	-0.2	8.45e+05	7.14e+05
Exponential	$7.06e-06 \cdot \exp(0.107 \cdot (x-1772))$	0.107	0.482	0.417	6.08e+05	3.44e+05
Linear	intercept=-2.27e+08, slope=1.14e+05	1.14e+05	0.542	0.485	5.72e+05	3.28e+05



microfinance

Nigeria

1.1 Adoption over time

Partial up to max Gross lender loan portfolio

Partial up to max USD

1e9

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2052, D_t=88.2, K=4.33e+09$	0.0498	0.0764	-0.175	1.02e+09	5.44e+08
Exponential	$15.2 \cdot \exp(0.00282 \cdot (x-1651))$	0.00282	-0.124	-0.311	1.13e+09	3.74e+08
Linear	intercept=-2.54e+11, slope=1.27e+08	1.27e+08	0.265	0.142	9.11e+08	5.83e+08

mic\_nig\_1.1Ado\_d277\_m170

Partial up to max USD

1990 1995 2000 2005 2010 2015 2020 2025

Year

microfinance

Nigeria

1.1 Adoption over time

Partial up to max Number of active borrowers

Partial up to max No.

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2015, Dt=2.47, K=1.9e+11	1.78	0.965	0.948	1.7e+05	1.3e+05
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-3.84e+08, slope=1.92e+05	1.92e+05	0.368	0.188	7.21e+05	5.5e+05

mic\_nig\_1.1Ado\_d278\_m171

Partial up to max No.

1990

1995

2000

2005

2010

2015

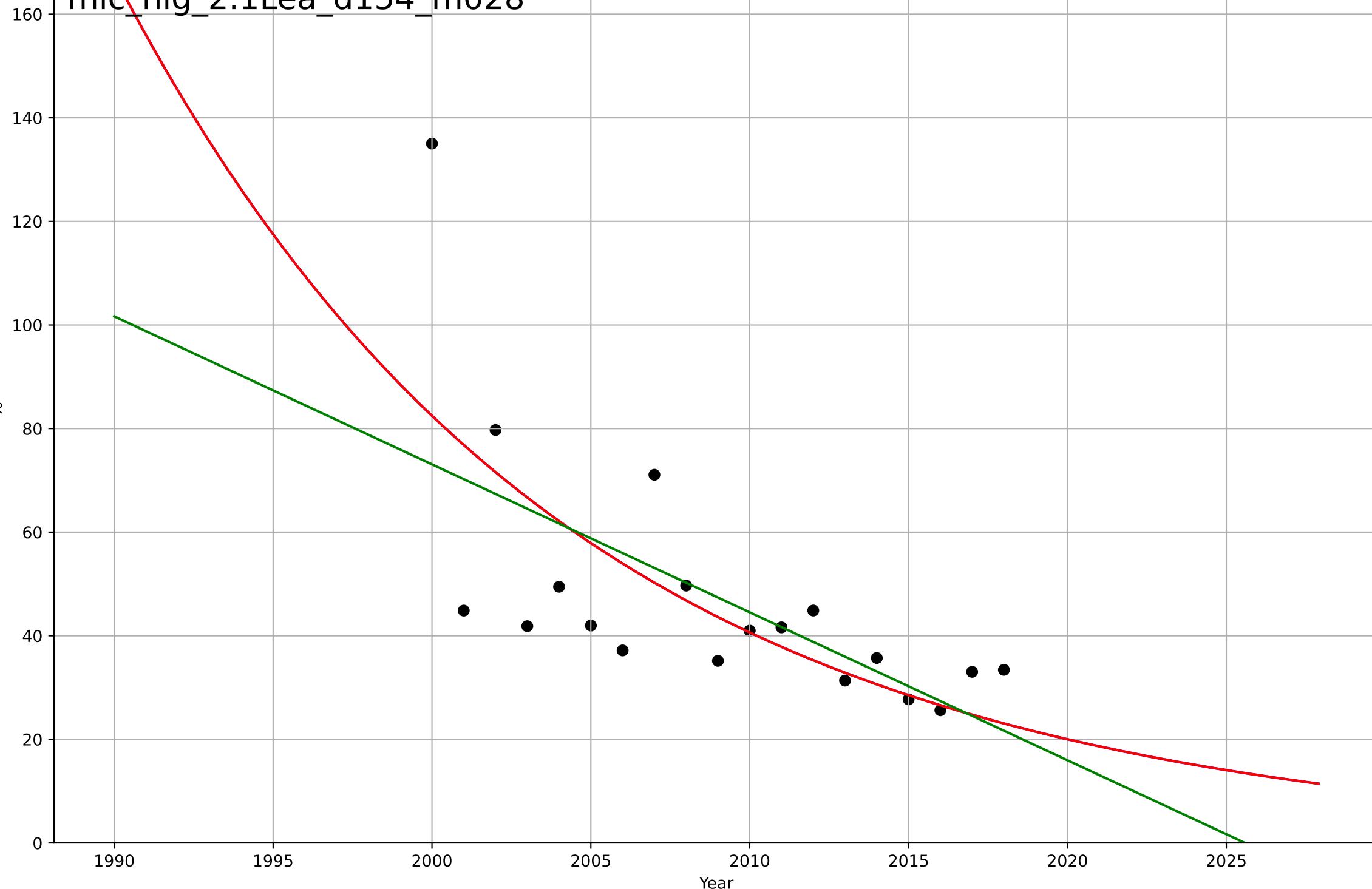
2020

Year

microfinance  
 Nigeria  
 2.1 Learning  
 Operating expense / loan portfolio  
 %

	Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
	Logistic	$t_0=1853, D_t=-62.1, K=2.79e+06$	-0.0708	0.473	0.367	17.8	12.4
	Exponential	$88.2 \cdot \exp(-0.0708 \cdot (x-1999))$	-0.0708	0.473	0.407	17.8	12.4
	Linear	intercept=5.79e+03, slope=-2.86	-2.86	0.41	0.336	18.8	12.8

mic\_nig\_2.1Lea\_d154\_m028

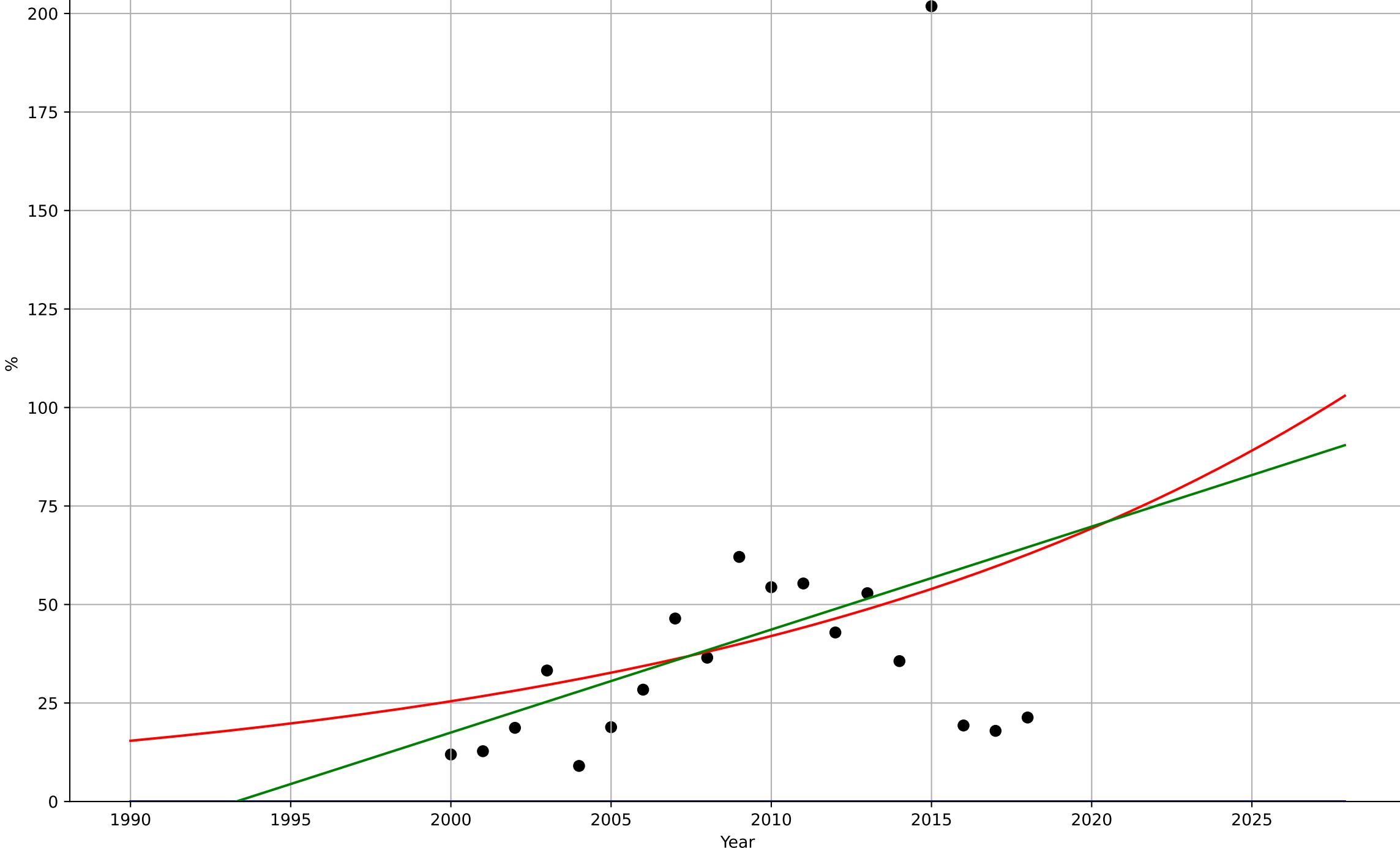


microfinance  
Nigeria  
2.7 Granularity (Unit Size)

Average loan balance per borrower / GNI per capita  
%

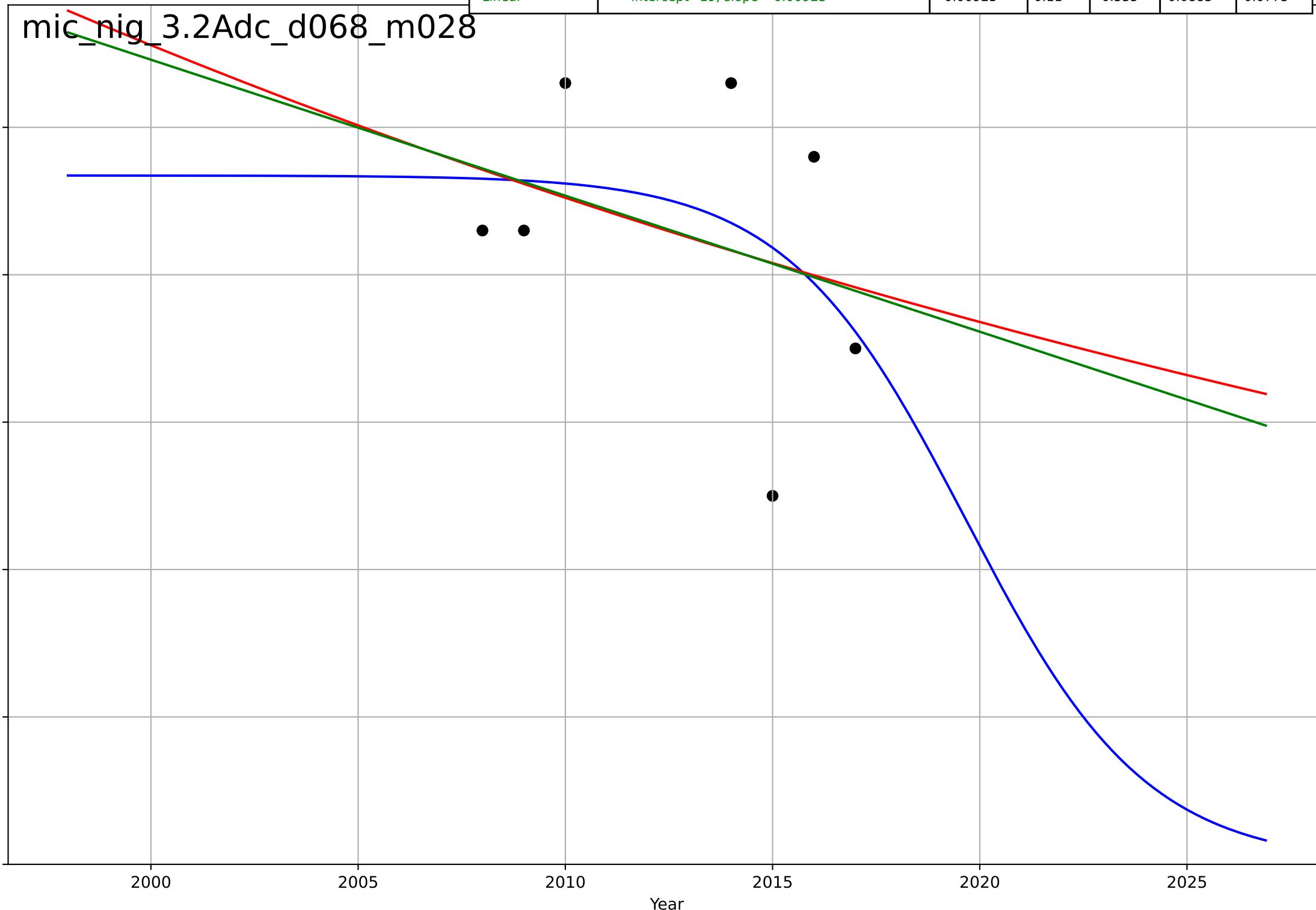
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2301, D_t=10.7, K=464$	0.412	-0.994	-1.39	58.1	41
Exponential	$1.19 \cdot \exp(0.0501 \cdot (x-1939))$	0.0501	0.0967	-0.0162	39.1	22.7
Linear	intercept=-5.21e+03, slope=2.61	2.61	0.121	0.0111	38.6	21.7

mic\_nig\_2.7Gra\_d054\_m028



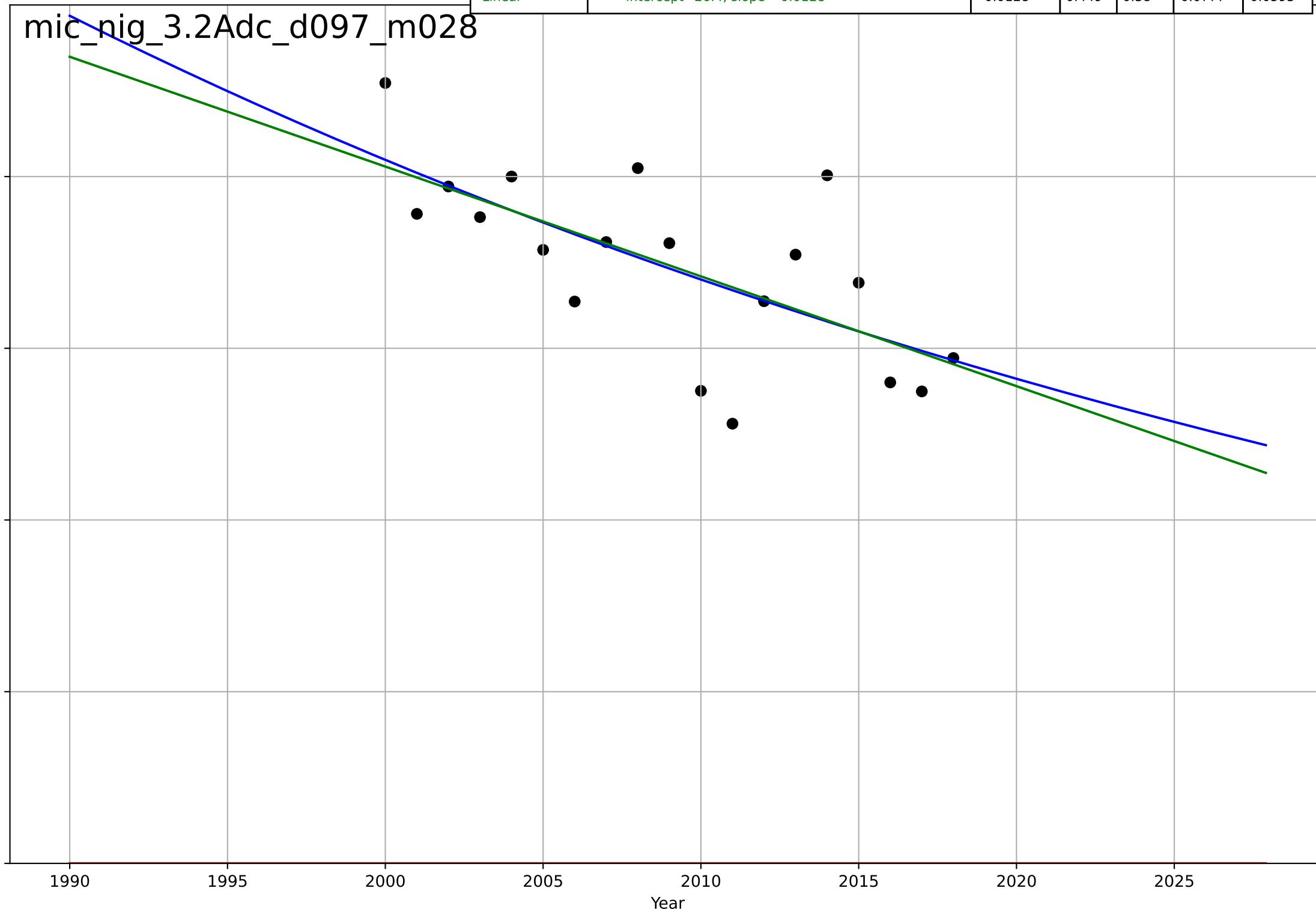
microfinance  
 Nigeria  
 3.2 Adopter Characteristics  
 Clients below poverty line  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=-9.56, K=0.467	-0.46	0.154	-0.692	0.0861	0.0711
Exponential	1.6*exp(-0.0206*(x-1949))	-0.0206	0.106	-0.341	0.0885	0.0777
Linear	intercept=19, slope=-0.00923	-0.00923	0.11	-0.335	0.0883	0.0775



microfinance  
 Nigeria  
 3.2 Adopter Characteristics  
 Female borrowers  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1576, Dt=-236, K=2.23e+03	-0.0186	0.455	0.346	0.0772	0.0592
Exponential	-1.54e+03*exp(-0.00027*(x--152637))	-0.00027	-44.4	-50	0.704	0.697
Linear	intercept=26.4, slope=-0.0128	-0.0128	0.449	0.38	0.0777	0.0593



non-cash transactions

Global

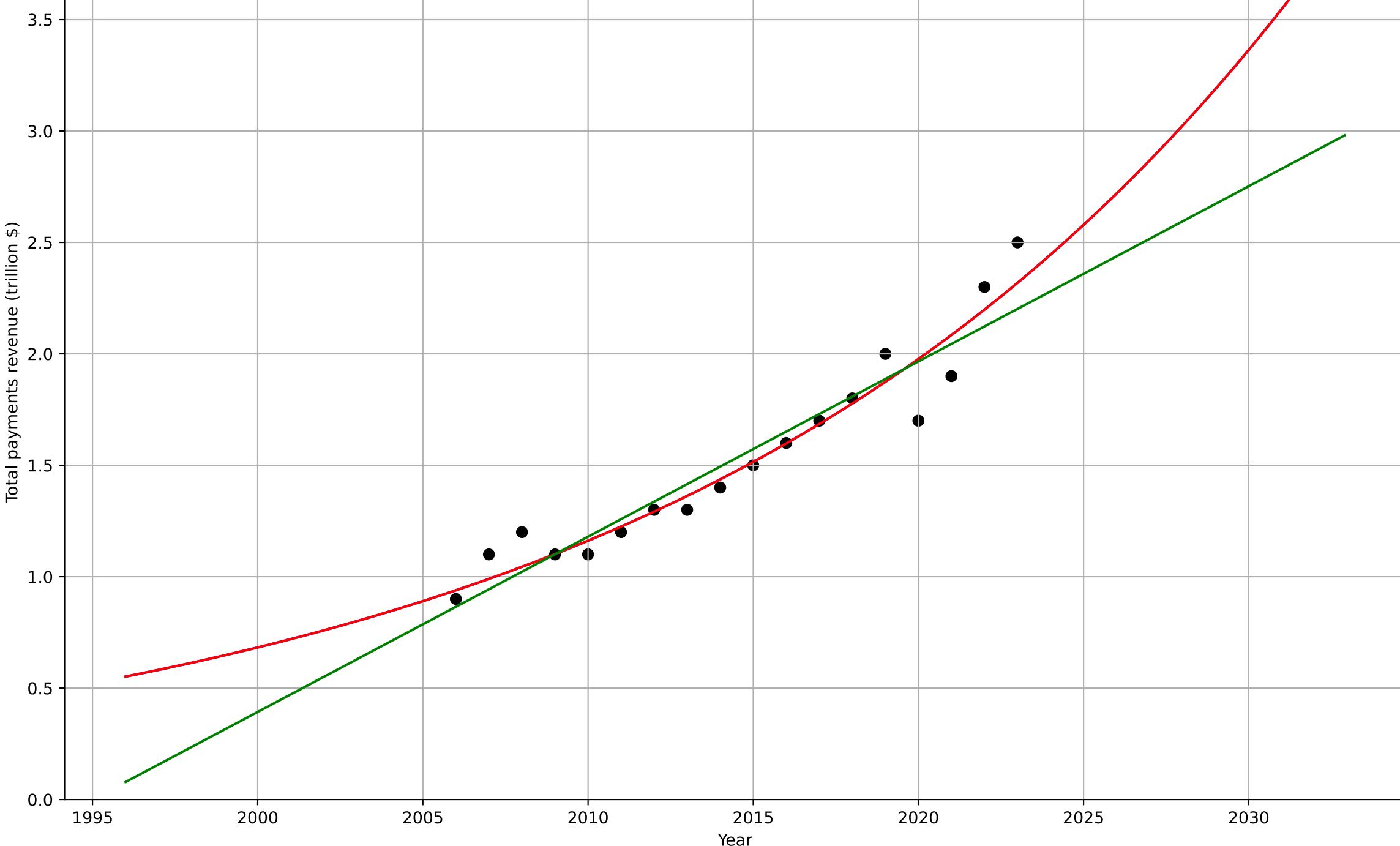
1.1 Adoption over time

Market size of payments worldwide (also by world)

Total payments revenue (trillion \$)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2218, D_t=82.6, K=7.41e+04$	0.0532	0.934	0.92	0.11	0.0791
Exponential	$5.35 \cdot \exp(0.0532 \cdot (x-2039))$	0.0532	0.934	0.926	0.11	0.0791
Linear	intercept=-157, slope=0.0786	0.0786	0.902	0.889	0.134	0.106

non\_glo\_1.1Ado\_d119\_m119



non-cash transactions

Global

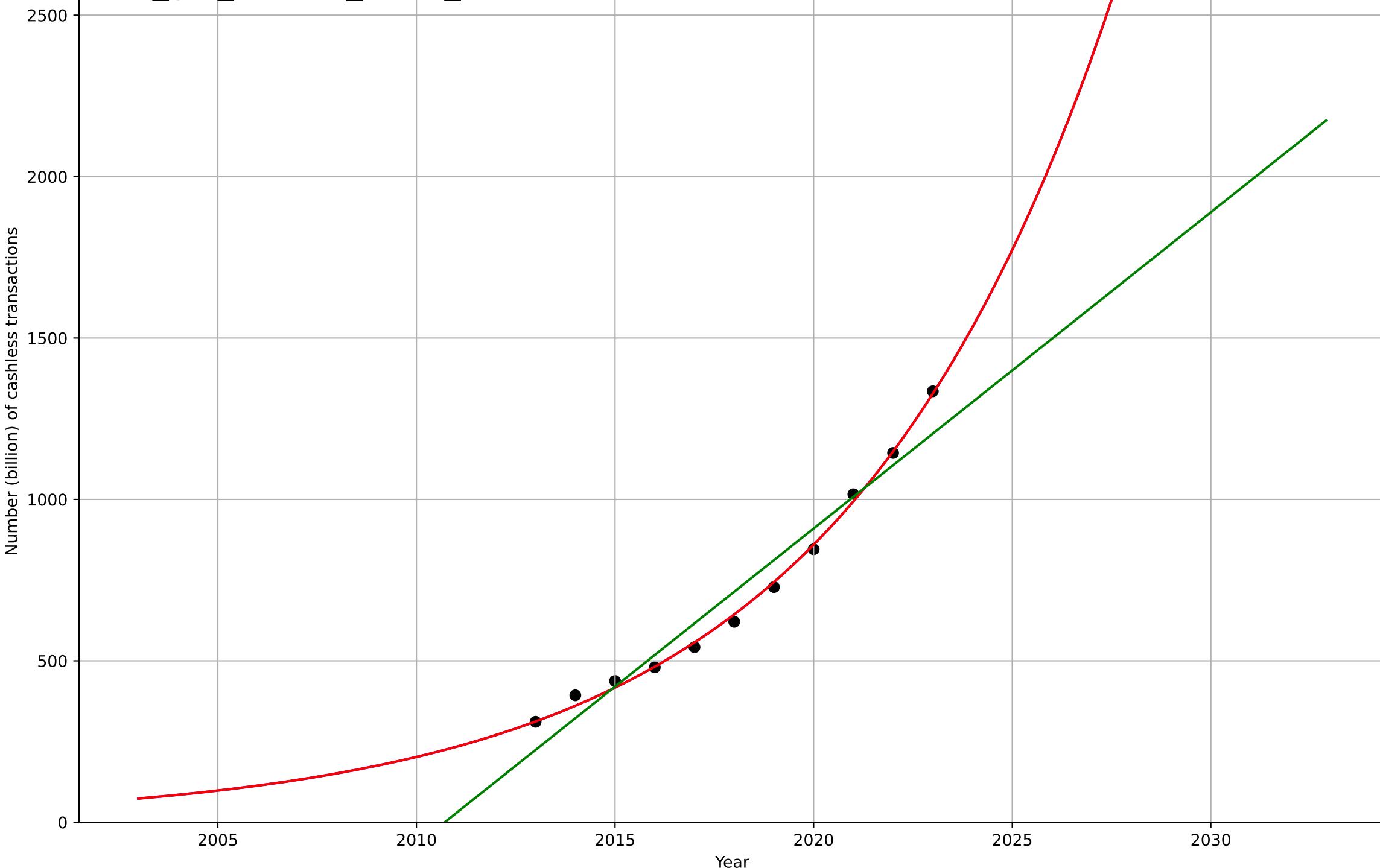
1.1 Adoption over time

Number of digital payments worldwide (also by

Number (billion) of cashless transactions

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2107, D_t=30.4, K=2.52e+08$	0.145	0.997	0.996	17.1	14.3
Exponential	$0.000132 \cdot \exp(0.145 \cdot (x-1912))$	0.145	0.997	0.996	17.1	14.3
Linear	intercept=-1.97e+05, slope=98	98	0.948	0.935	72.8	64.2

non\_glo\_1.1Ado\_d135\_m113



non-cash transactions

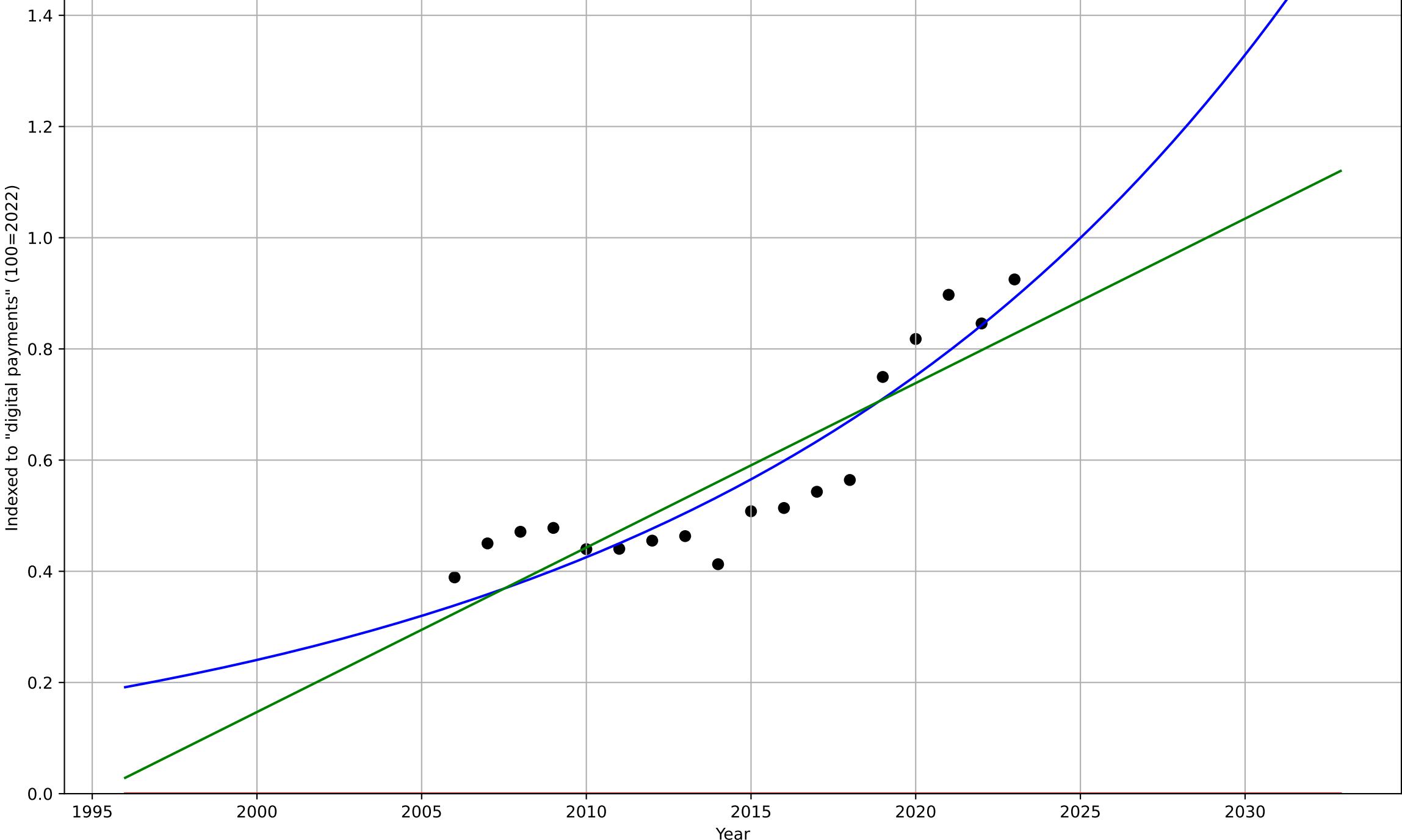
Global

4.2 Knowledge flows

Number of times "cashless society" appears in t  
Indexed to "digital payments" (100=2022)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2220, Dt=77.1, K=6.81e+04	0.057	0.839	0.805	0.0706	0.0612
Exponential	1.55e+03*exp(0.00373*(x-157538))	0.00373	-10.7	-12.2	0.602	0.576
Linear	intercept=-59, slope=0.0296	0.0296	0.759	0.727	0.0864	0.0787

non\_glo\_4.2Kme\_d144\_m101



non-cash transactions

Global

4.2 Knowledge flows

Number of times "cashless" appears in the Good

Indexed to "digital payments" (100=2022)

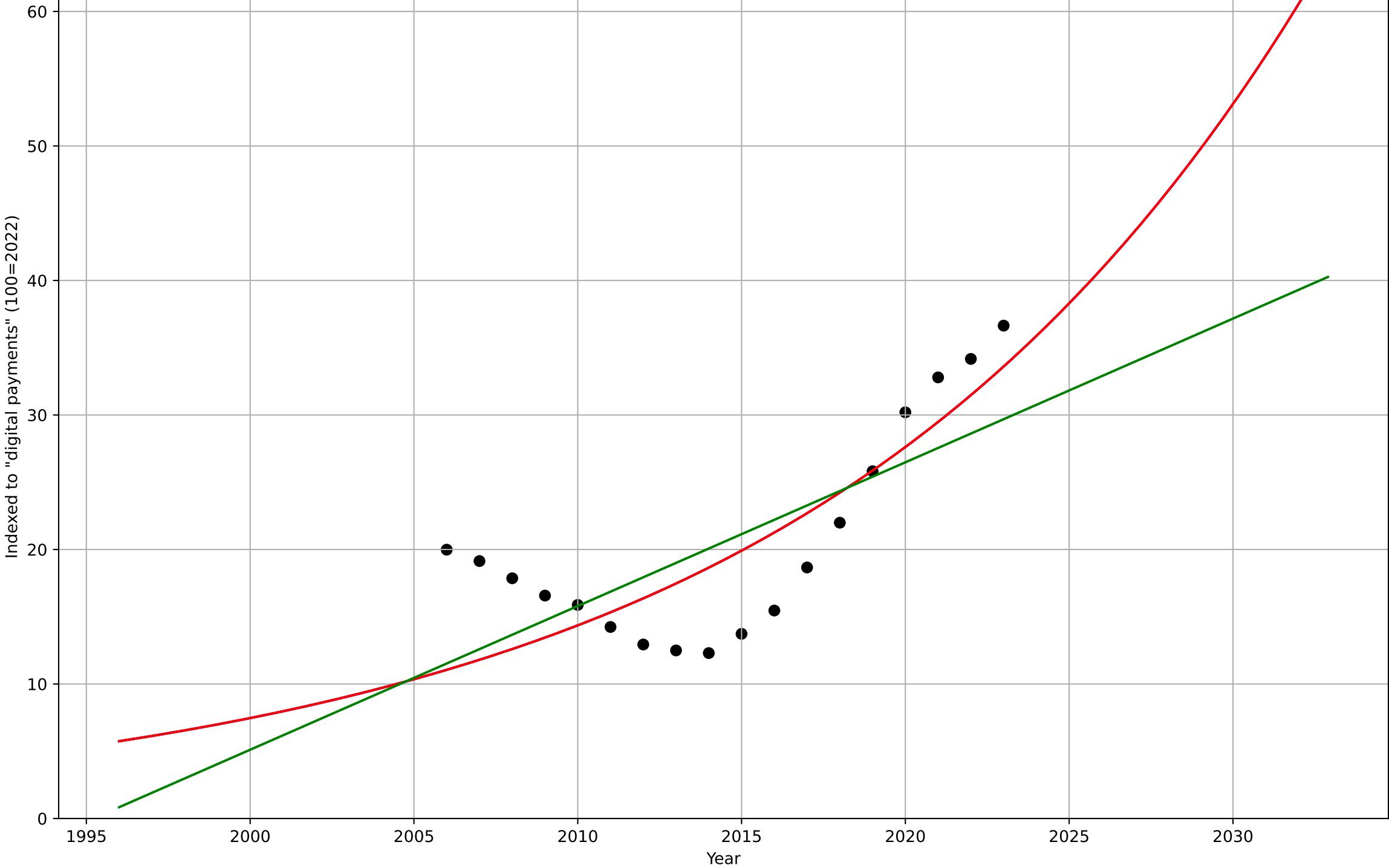
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2191, D_t=67.2, K=2.05e+06$	0.0654	0.646	0.571	4.59	4
Exponential	$0.997 \cdot \exp(0.0654 \cdot (x-1969))$	0.0654	0.646	0.599	4.59	4
Linear	intercept=-2.13e+03, slope=1.07	1.07	0.516	0.452	5.37	4.78

non\_glo\_4.2Kme\_d145\_m101

Indexed to "digital payments" (100=2022)

1995 2000 2005 2010 2015 2020 2025 2030

Year



non-cash transactions

Global

4.2 Knowledge flows

Number of times "digital payments" appears in  
Indexed to "digital payments" (100=2022)

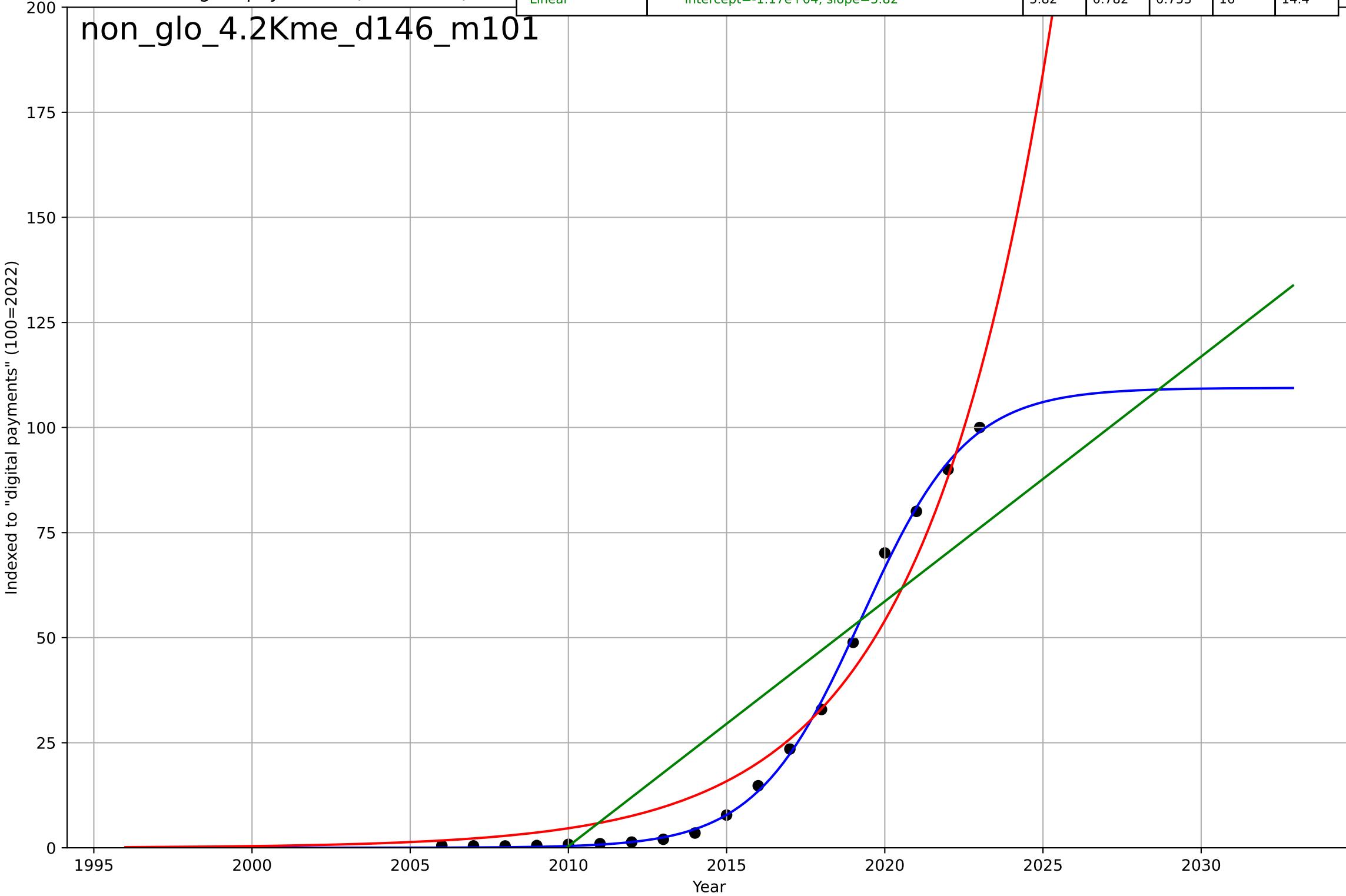
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=7.31, K=109	0.601	0.999	0.998	1.25	0.926
Exponential	0.0522*exp(0.245*(x-1992))	0.245	0.956	0.95	7.18	5.8
Linear	intercept=-1.17e+04, slope=5.82	5.82	0.782	0.753	16	14.4

non\_glo\_4.2Kme\_d146\_m101

Indexed to "digital payments" (100=2022)

1995 2000 2005 2010 2015 2020 2025 2030

Year



non-cash transactions

Global

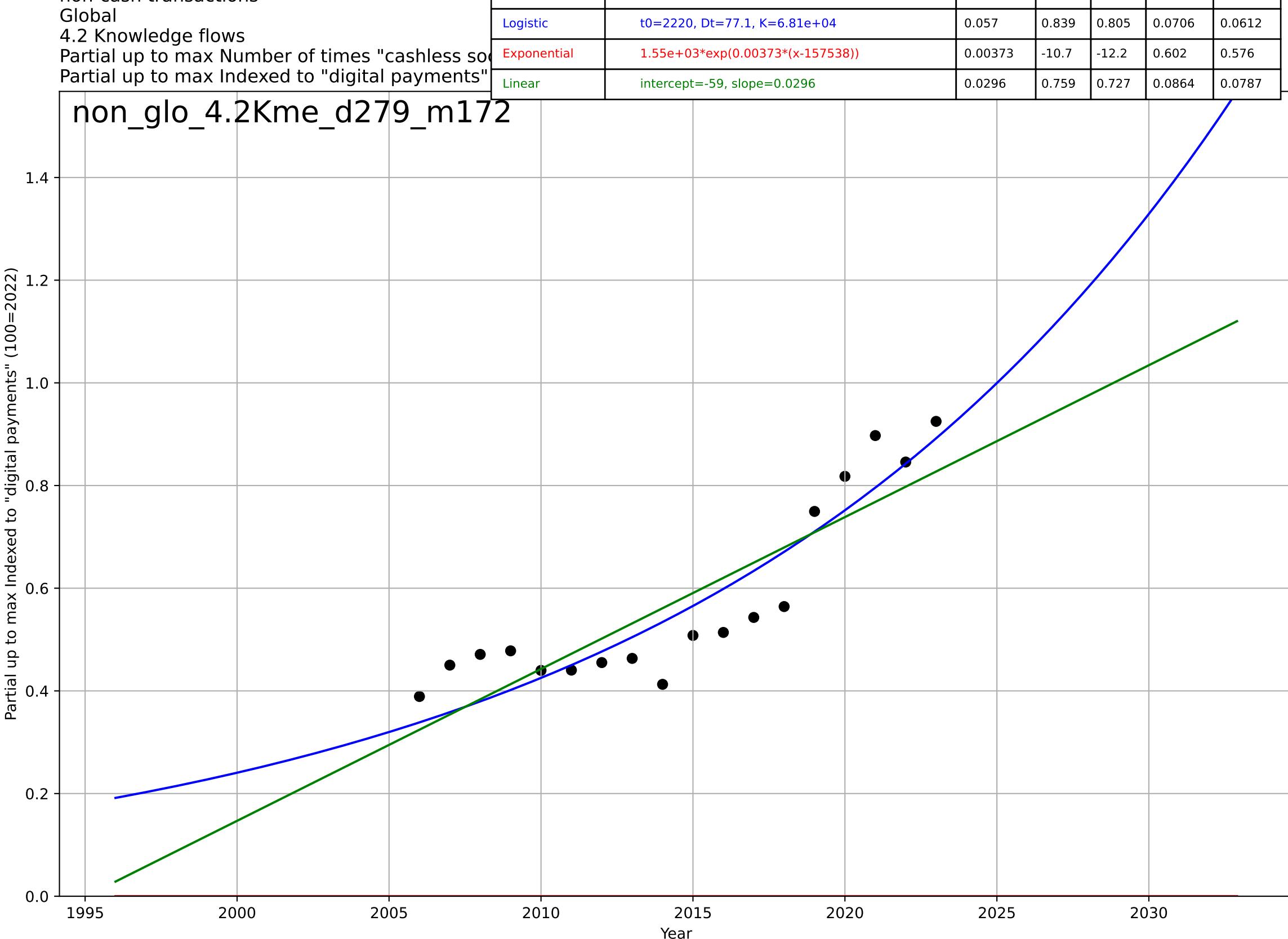
4.2 Knowledge flows

Partial up to max Number of times "cashless so

Partial up to max Indexed to "digital payments"

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2220, Dt=77.1, K=6.81e+04	0.057	0.839	0.805	0.0706	0.0612
Exponential	1.55e+03*exp(0.00373*(x-157538))	0.00373	-10.7	-12.2	0.602	0.576
Linear	intercept=-59, slope=0.0296	0.0296	0.759	0.727	0.0864	0.0787

non\_glo\_4.2Kme\_d279\_m172



non-cash transactions

Global

4.2 Knowledge flows

Partial up to max Number of times "cashless" ap

Partial up to max Indexed to "digital payments"

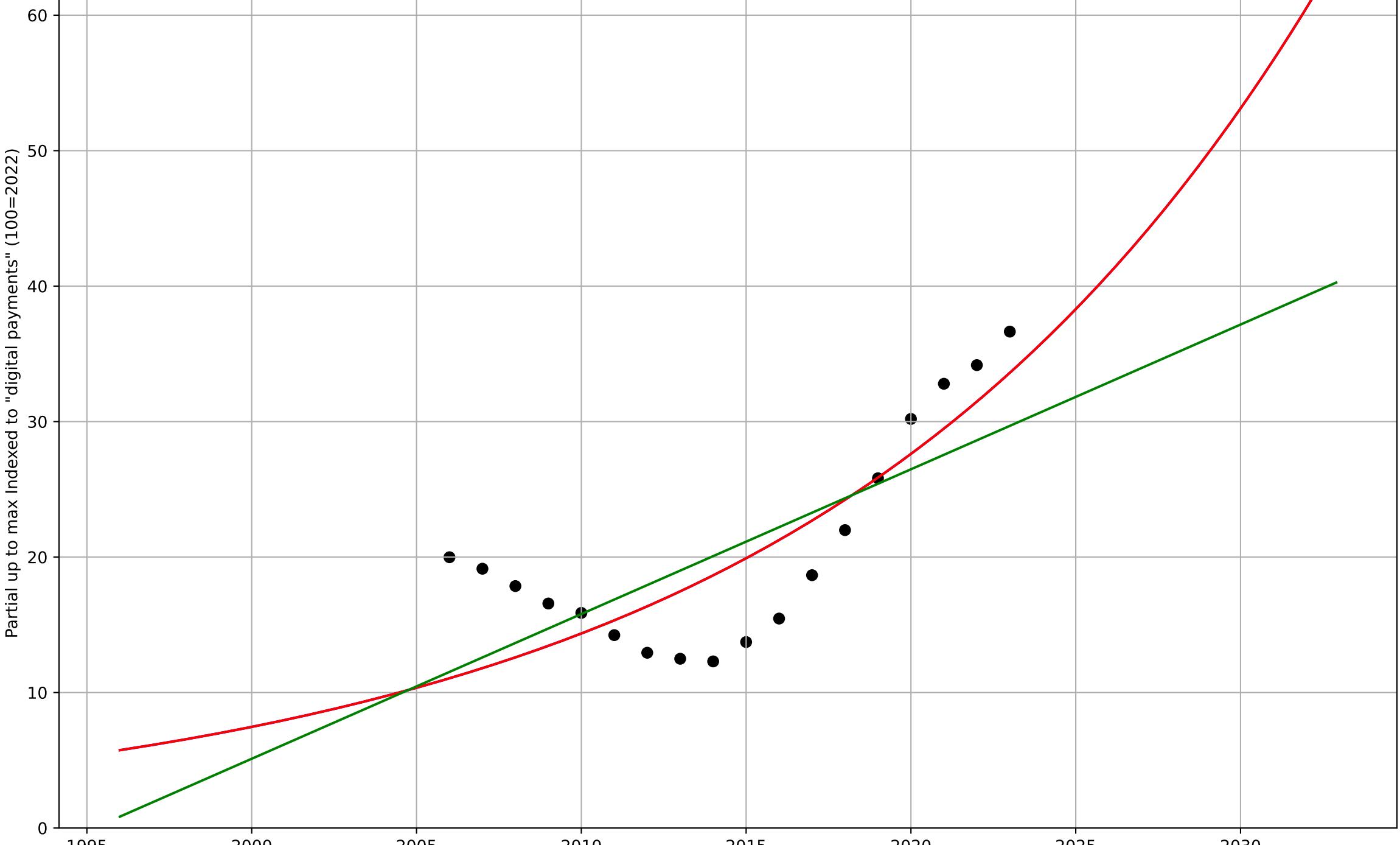
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2191, D_t=67.2, K=2.05e+06$	0.0654	0.646	0.571	4.59	4
Exponential	$0.997 \cdot \exp(0.0654 \cdot (x-1969))$	0.0654	0.646	0.599	4.59	4
Linear	intercept=-2.13e+03, slope=1.07	1.07	0.516	0.452	5.37	4.78

non\_glo\_4.2Kme\_d280\_m172

Partial up to max Indexed to "digital payments" (100=2022)

1995 2000 2005 2010 2015 2020 2025 2030

Year



non-cash transactions

Global

#### 4.2 Knowledge flows

Partial up to max Number of times "digital payn

Partial up to max Indexed to "digital payments"

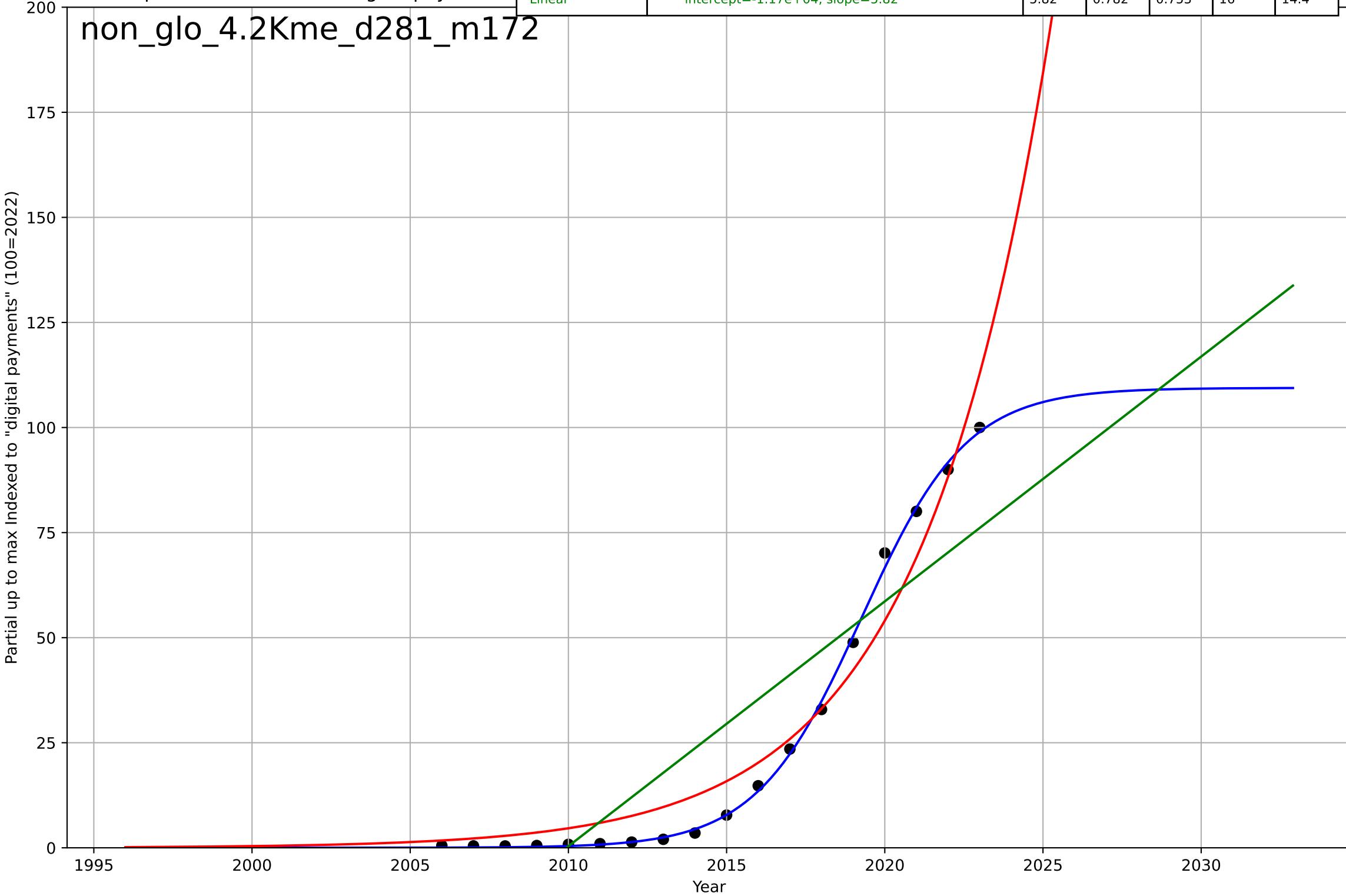
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=7.31, K=109	0.601	0.999	0.998	1.25	0.926
Exponential	0.0522*exp(0.245*(x-1992))	0.245	0.956	0.95	7.18	5.8
Linear	intercept=-1.17e+04, slope=5.82	5.82	0.782	0.753	16	14.4

non\_glo\_4.2Kme\_d281\_m172

Partial up to max Indexed to "digital payments" (100=2022)

1995 2000 2005 2010 2015 2020 2025 2030

Year



non-cash transactions

Sweden

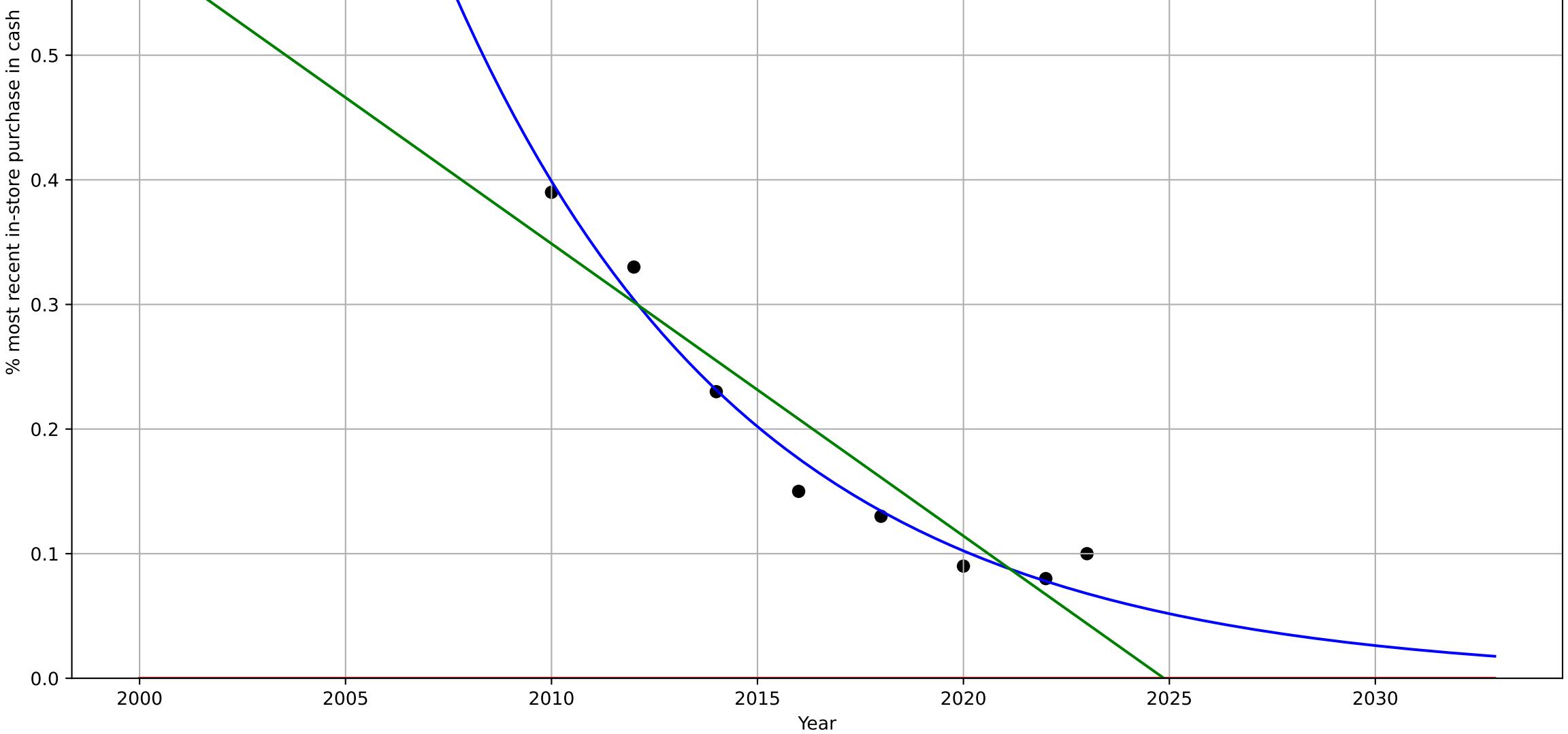
1.1 Adoption over time

Percentage of people who paid cash for their last purchase

% most recent in-store purchase in cash

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1935, D_t=-32.3, K=1.02e+04$	-0.136	0.973	0.952	0.0182	0.0142
Exponential	$-1.54e+03 \cdot \exp(-0.00121 \cdot (x - 152665))$	-0.00121	-2.91	-4.48	0.217	0.188
Linear	intercept=47.5, slope=-0.0235	-0.0235	0.882	0.835	0.0377	0.0346

non\_swe\_1.1Ado\_d170\_m041



non-cash transactions

Sweden

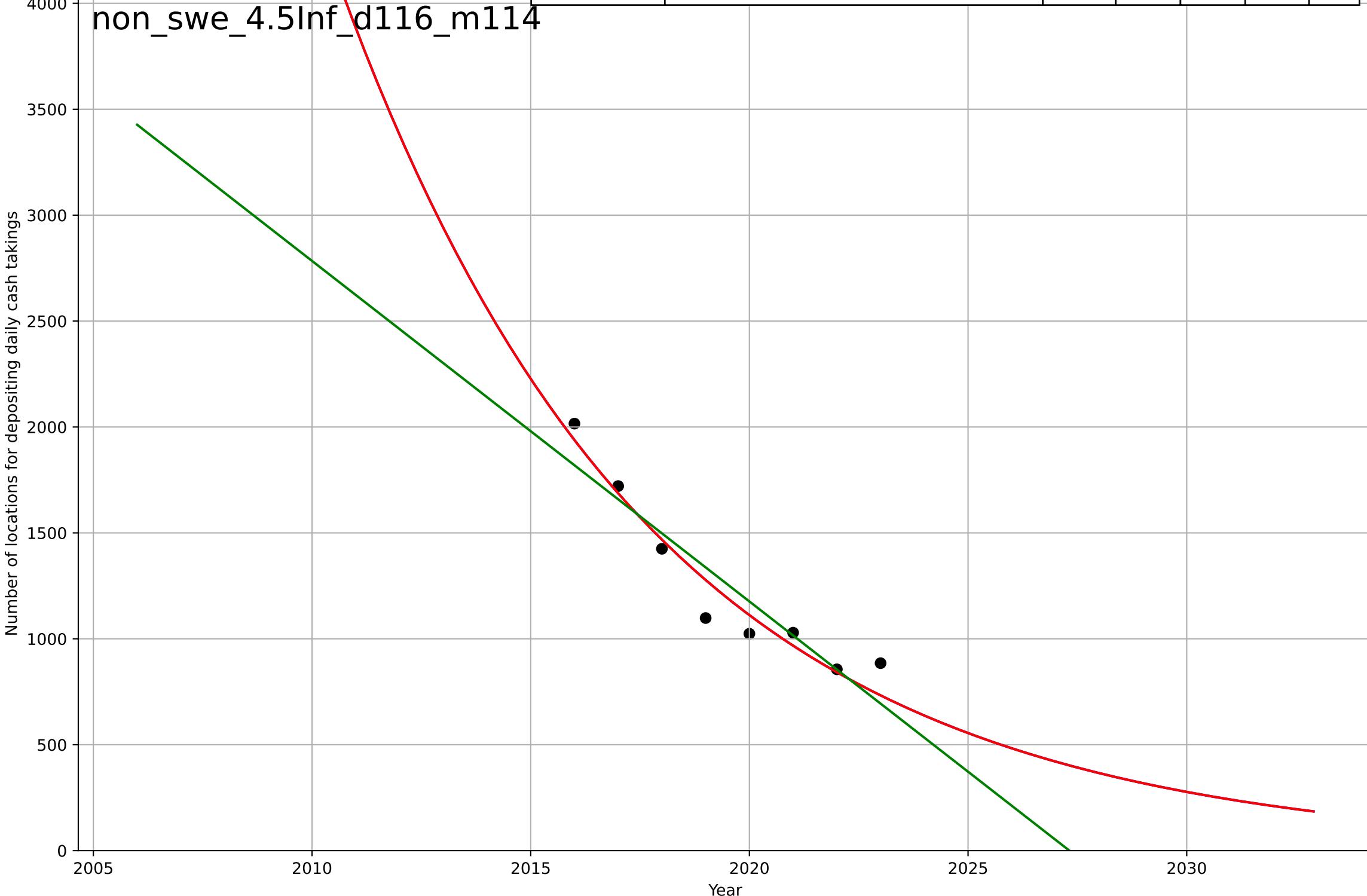
4.5 Physical Infrastructure Dependence

Locations for deposit of daily takings, number p

Number of locations for depositing daily cash ta

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1931, D_t=-31.6, K=2.48e+08$	-0.139	0.939	0.893	97.6	81.2
Exponential	$2.19e+03 \cdot \exp(-0.139 \cdot (x-2015))$	-0.139	0.939	0.915	97.6	81.2
Linear	intercept=3.26e+05, slope=-161	-161	0.868	0.815	144	116

non\_swe\_4.5Inf\_d116\_m114



non-cash transactions

Sweden

4.5 Physical Infrastructure Dependence

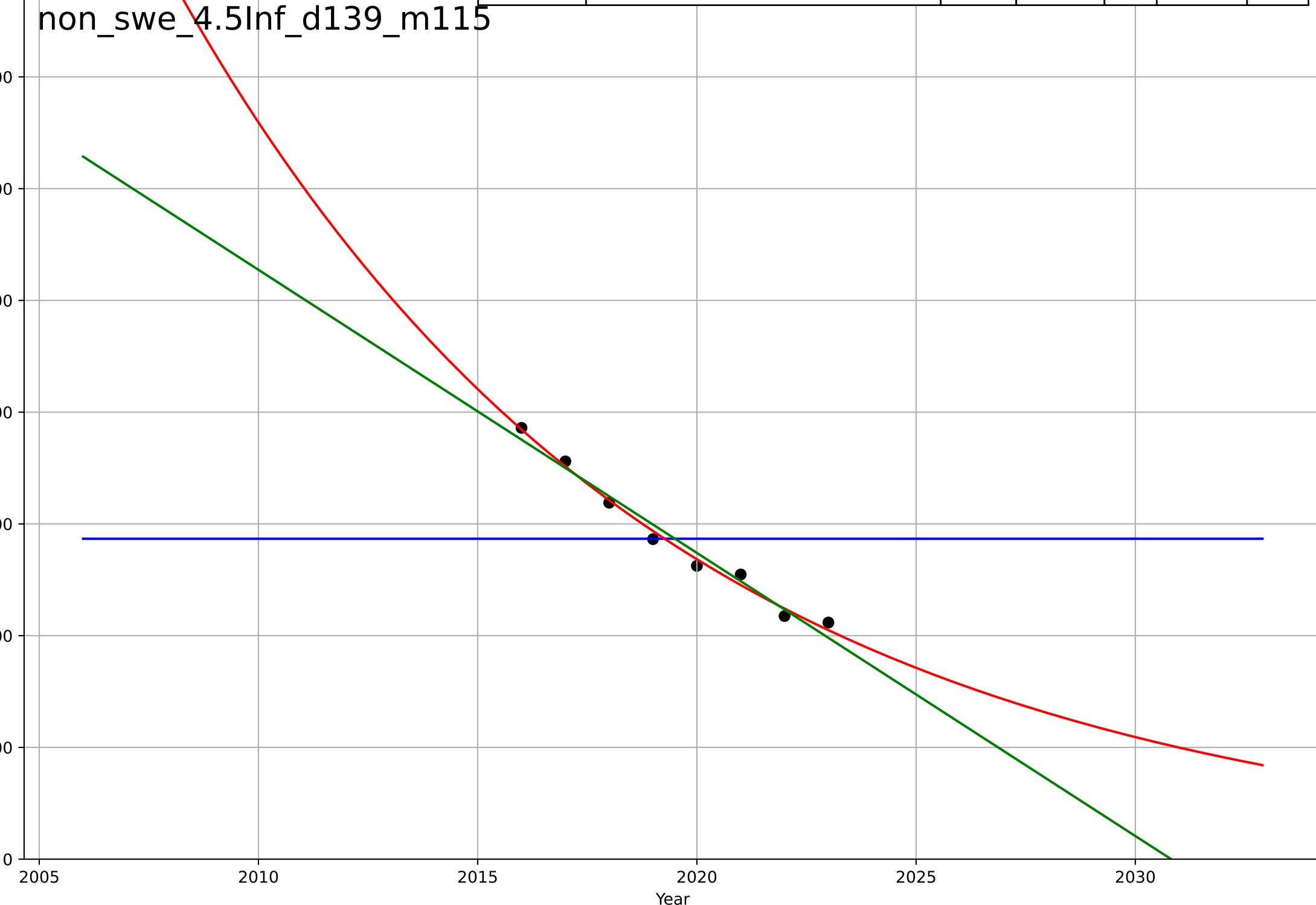
Number of locations for cash withdrawals, dep

Number of locations for withdrawing/using/dep

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-5093, D_t=1.25e+03, K=5.73e+03$	0.00352	-1.05e-12	-0.75	1.18e+03	1e+03
Exponential	$9.66e+03 \cdot \exp(-0.0899 \cdot (x-2013))$	-0.0899	0.989	0.985	122	111
Linear	intercept=1.03e+06, slope=-507	-507	0.973	0.962	193	181

non\_swe\_4.5Inf\_d139\_m115

Number of locations for withdrawing/using/depositing cash



non-cash transactions

UK

1.1 Adoption over time

proportion of cash payment methods to all payment methods

% cash payments as total number of PoS payments

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=-9.04, K=0.278$	-0.486	0.679	0.198	0.0374	0.0313
Exponential	$0.181 \cdot \exp(-0.156 \cdot (x-2019))$	-0.156	0.619	0.365	0.0408	0.0305
Linear	intercept=54.7, slope=-0.027	-0.027	0.65	0.417	0.039	0.032

non\_uki\_1.1Ado\_d229\_m032

% cash payments as total number of PoS payments

2010

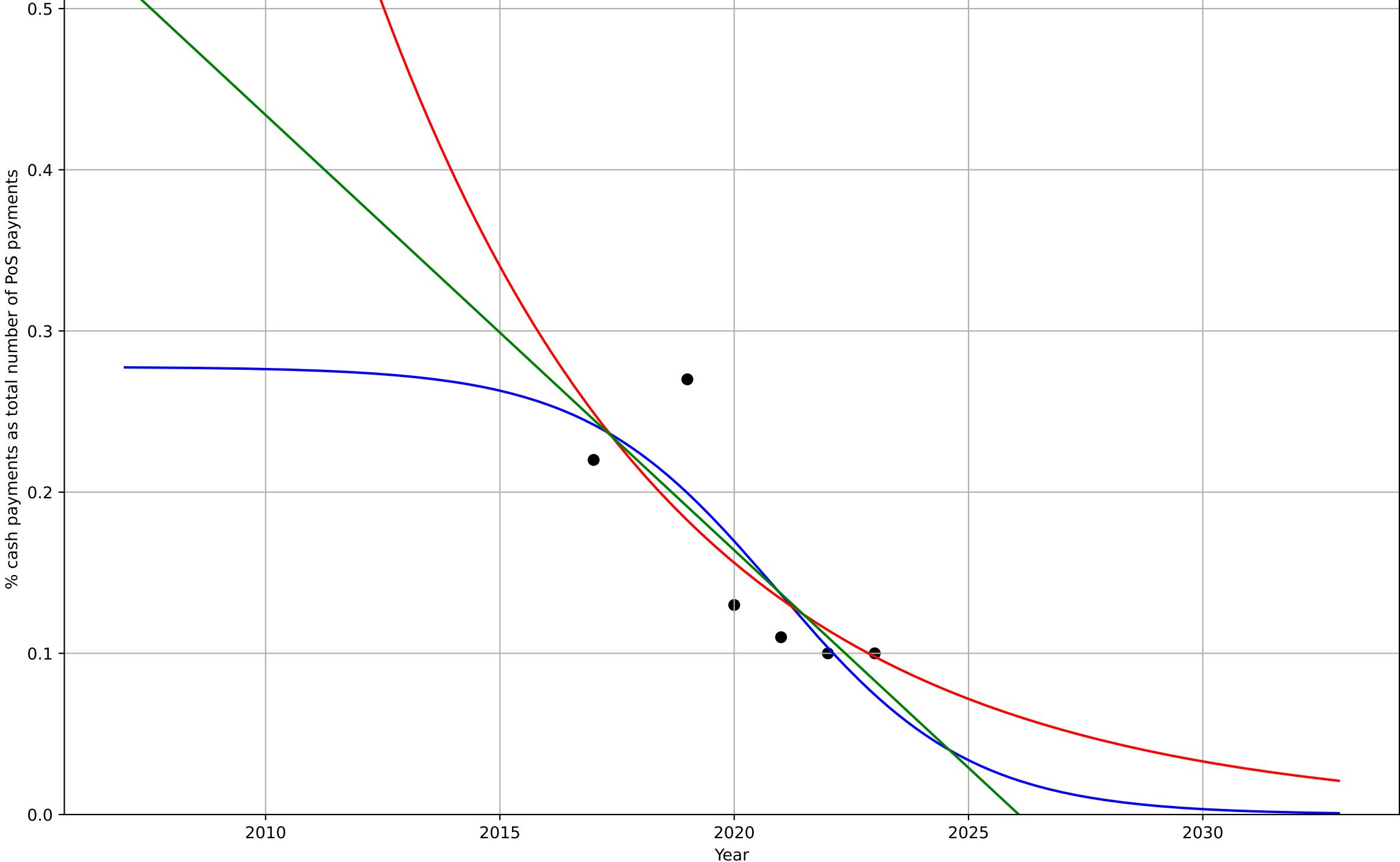
2015

2020

2025

2030

Year



non-cash transactions

UK

1.1 Adoption over time

proportion of cash payments to all payment types

% cash payments as total number of in-store PoS

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=-33.9, K=0.605	-0.13	0.993	0.991	0.00979	0.00822
Exponential	2.32*exp(-0.0566*(x-1974))	-0.0566	0.965	0.961	0.0214	0.0166
Linear	intercept=36.5, slope=-0.018	-0.018	0.996	0.995	0.00762	0.00662

non\_uki\_1.1Ado\_d230\_m033

% cash payments as total number of in-store PoS payments

1990 1995 2000 2005 2010 2015 2020 2025 2030

Year

0.0

0.2

0.4

0.6

0.8

non-cash transactions

UK

1.1 Adoption over time

proportion of cash payments to all payment typ

% cash payments of total number of payments

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=-13.7, K=0.609	-0.32	0.992	0.99	0.014	0.0115
Exponential	-1.54e+03*exp(-0.00247*(x--152712))	-0.00247	-5.01	-6.01	0.396	0.361
Linear	intercept=74.4, slope=-0.0367	-0.0367	0.967	0.961	0.0294	0.0259

non\_uki\_1.1Ado\_d231\_m034

% cash payments of total number of payments

2000

2005

2010

2015

2020

2025

2030

Year

non-cash transactions

UK

2.5 Variety

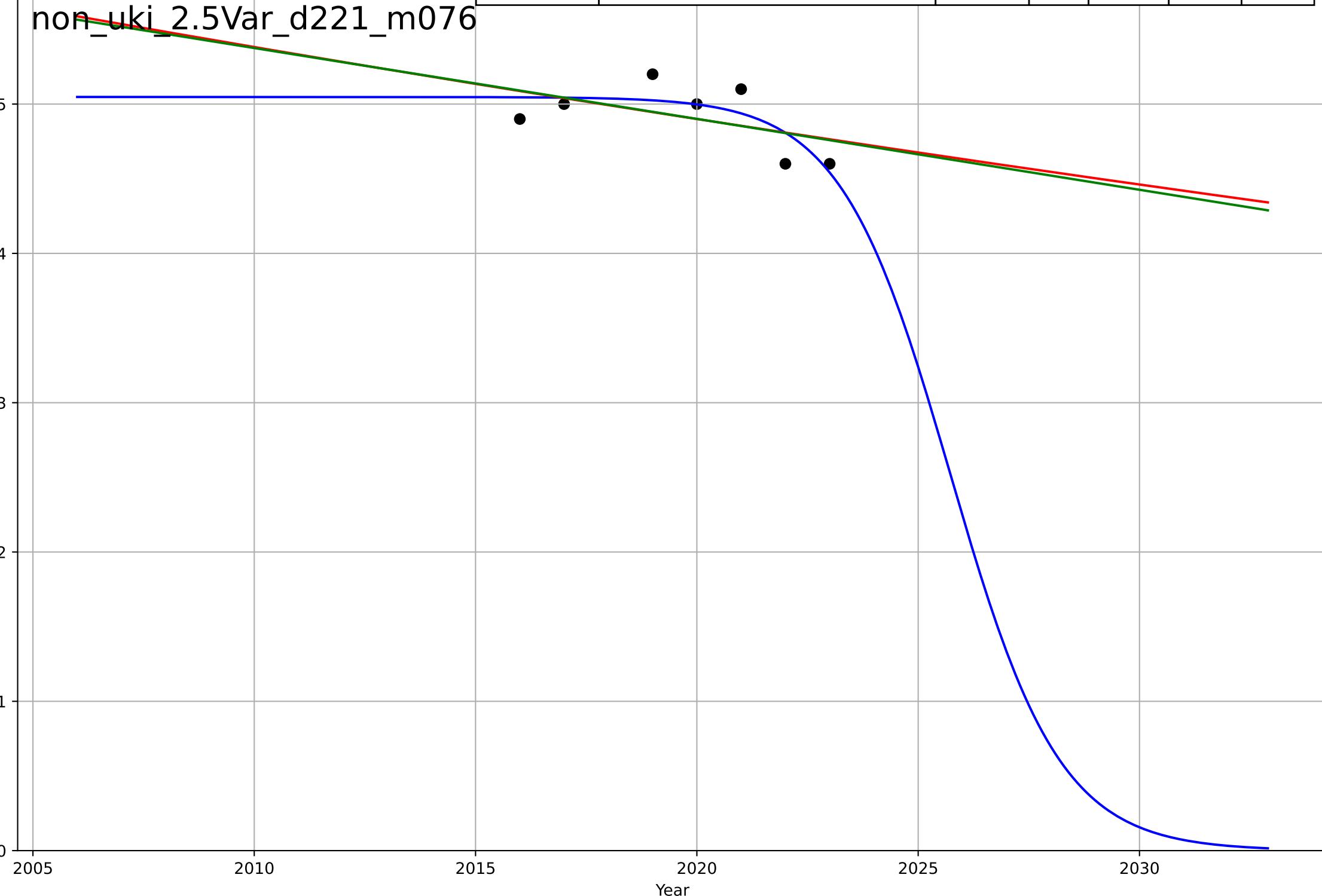
most used e-commerce payment methods

% online shopping payments by credit or debit card

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2026, D_t=-5.45, K=0.505$	-0.806	0.614	0.229	0.0135	0.0113
Exponential	$0.0145 \cdot \exp(-0.00938 \cdot (x-2395))$	-0.00938	0.263	-0.105	0.0186	0.0171
Linear	intercept=10.1, slope=-0.00475	-0.00475	0.27	-0.0945	0.0185	0.0171

non\_uk\_2.5Var\_d221\_m076

% online shopping payments by credit or debit card



non-cash transactions

UK

2.5 Variety

most used e-commerce payment methods

% online shopping payments by e-wallet

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2153, D_t=65, K=2.45e+03$	0.0676	0.945	0.889	0.0116	0.00938
Exponential	$1.55e+03 \cdot \exp(0.00284 \cdot (x-157538))$	0.00284	-38.5	-58.3	0.31	0.306
Linear	intercept=-40.2, slope=0.0201	0.0201	0.936	0.904	0.0125	0.0102

non\_uki\_2.5Var\_d221\_m077

% online shopping payments by e-wallet

2005

2010

2015

2020

2025

2030

Year

non-cash transactions

UK

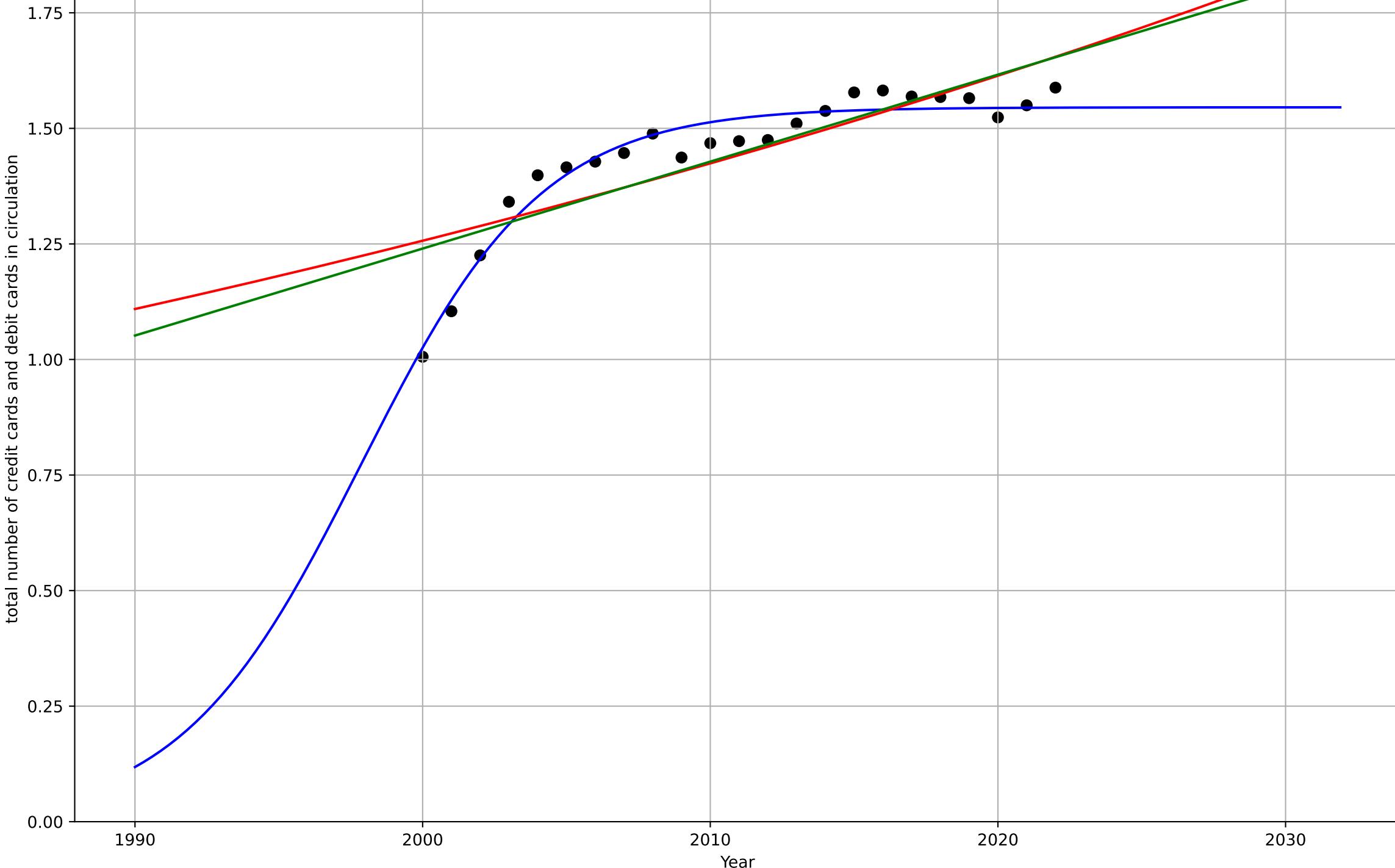
2.9 Interdependence (with hardware)

Annual credit card and debit cards issued

total number of credit cards and debit cards in  
1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1998, D_t=13.9, K=1.55e+08$	0.317	0.95	0.942	3.34e+06	2.83e+06
Exponential	$5.43 \cdot \exp(0.0125 \cdot (x-643))$	0.0125	0.679	0.647	8.42e+06	6.57e+06
Linear	intercept=-3.64e+09, slope=1.88e+06	1.88e+06	0.706	0.677	8.05e+06	6.32e+06

non\_uki\_2.9Int\_d048\_m150



non-cash transactions

UK

4.5 Physical Infrastructure Dependence

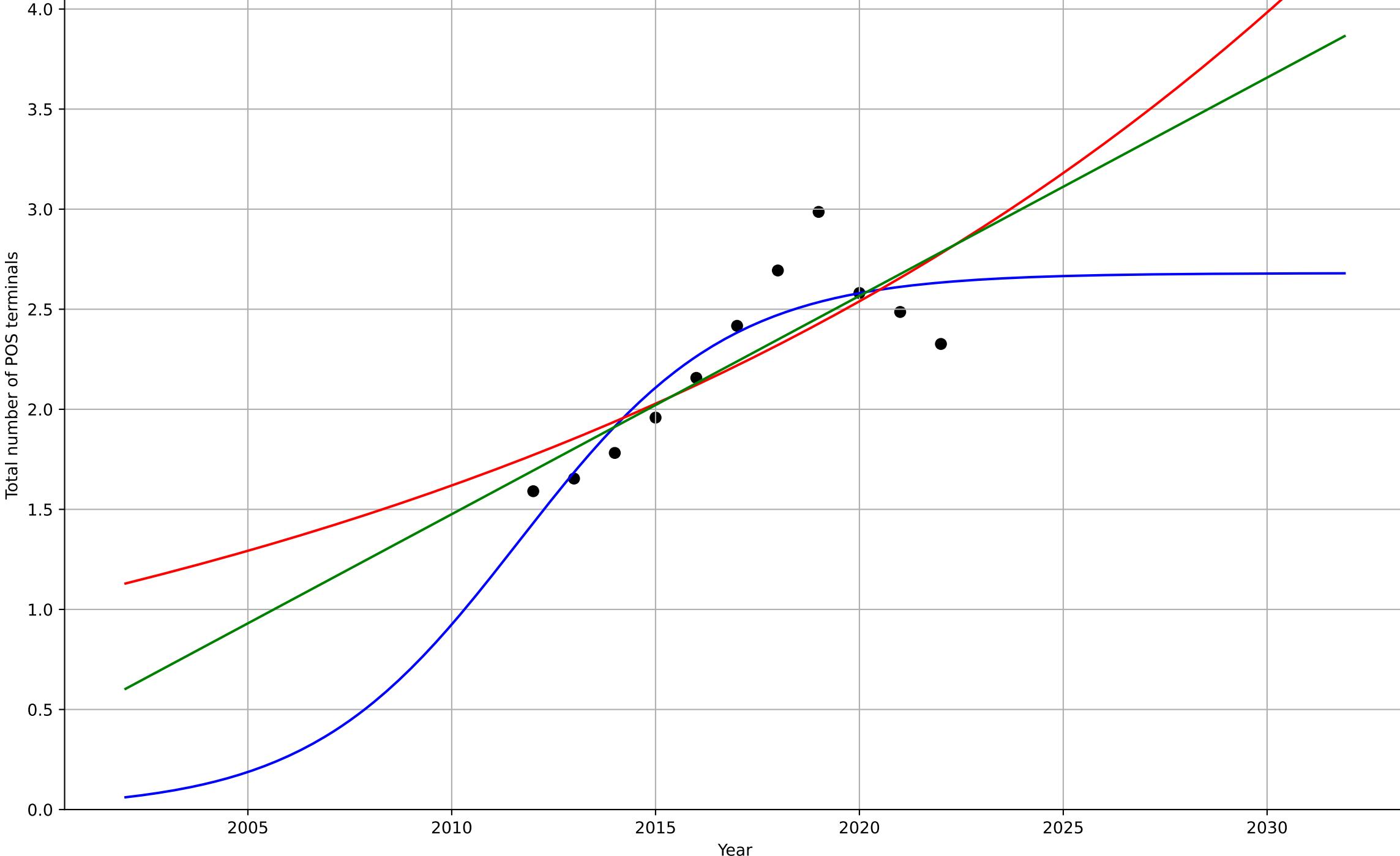
Number of point of sale (PoS) terminals

Total number of POS terminals

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=11.3, K=2.68e+06$	0.389	0.784	0.691	2e+05	1.56e+05
Exponential	$0.0511 \cdot \exp(0.045 \cdot (x-1626))$	0.045	0.594	0.492	2.74e+05	2.21e+05
Linear	intercept=-2.18e+08, slope=1.09e+05	1.09e+05	0.642	0.552	2.58e+05	1.99e+05

non\_uki\_4.5Inf\_d140\_m118



non-cash transactions

US

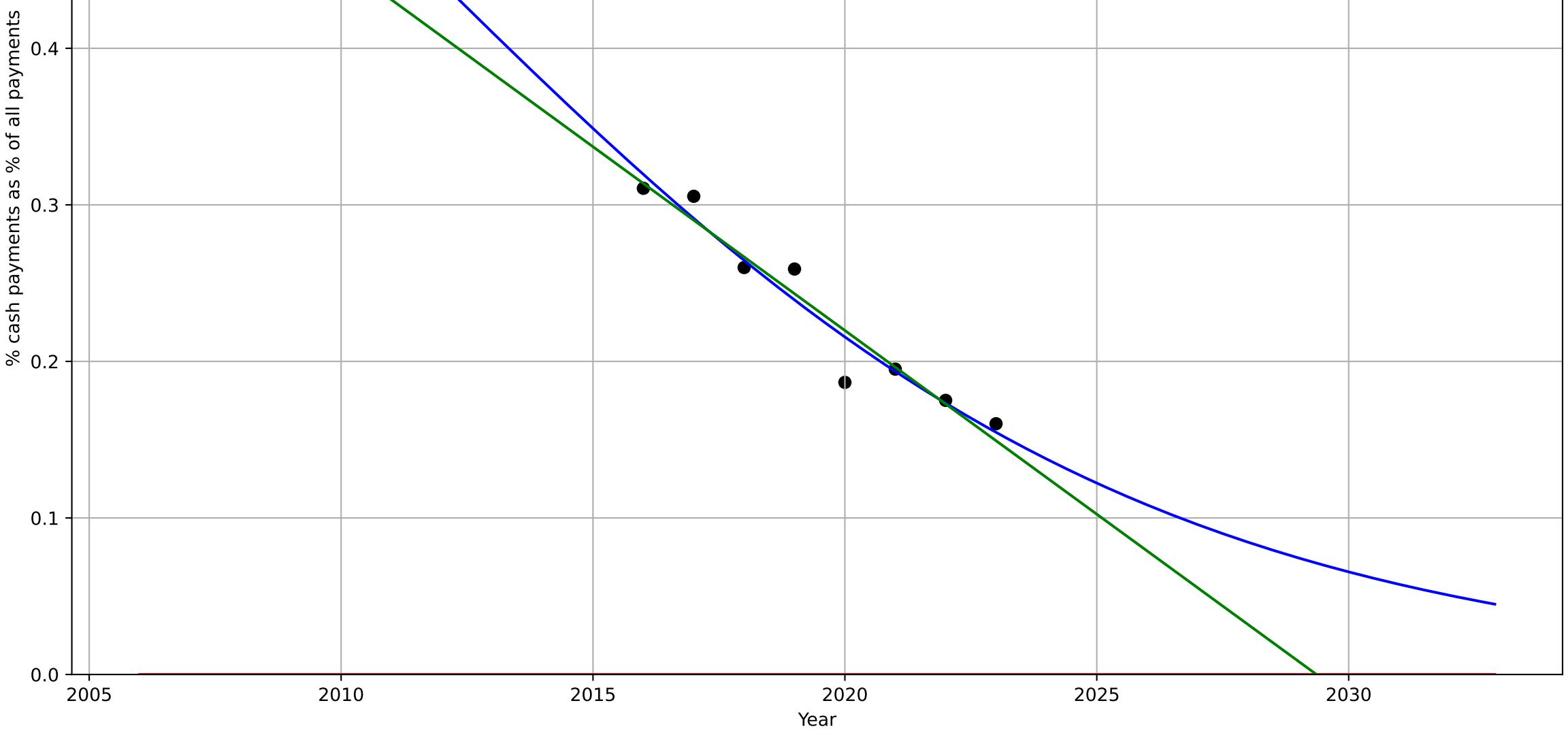
1.1 Adoption over time

Share of payment instrument use for all payments

% cash payments as % of all payments

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=-31.7, K=0.914	-0.139	0.937	0.89	0.014	0.0106
Exponential	-1.54e+03*exp(-0.00121*(x--152675))	-0.00121	-17.2	-24.5	0.238	0.231
Linear	intercept=47.6, slope=-0.0235	-0.0235	0.929	0.901	0.0148	0.0111

non\_usa\_1.1Ado\_d190\_m031



non-cash transactions

US

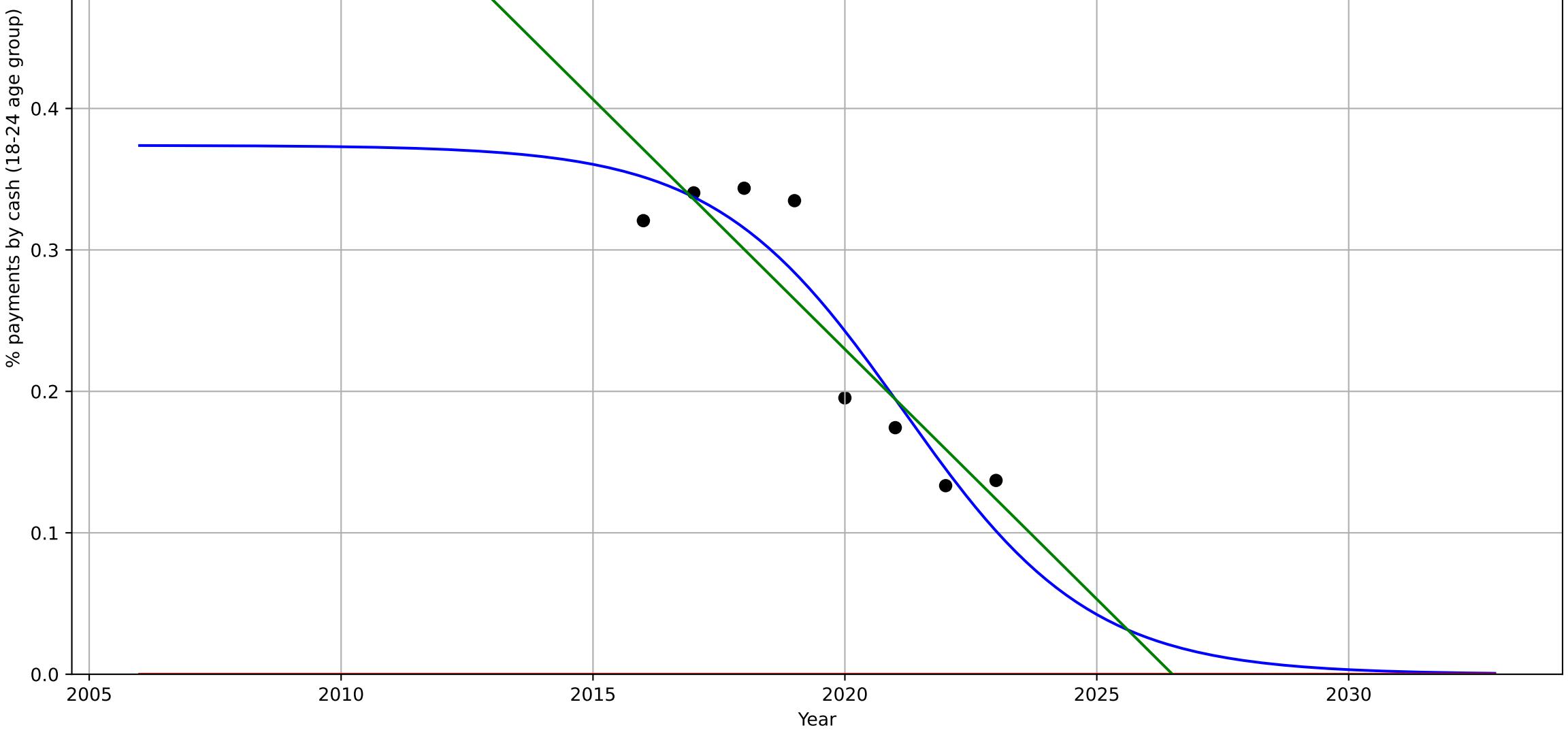
### 3.2 Adopter characteristics

Share of cash and credit card payments by age

% payments by cash (18-24 age group)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=-8.21, K=0.374	-0.535	0.869	0.771	0.0324	0.0285
Exponential	-1.54e+03*exp(-0.00232*(x-152715))	-0.00232	-7.64	-11.1	0.263	0.247
Linear	intercept=71.6, slope=-0.0353	-0.0353	0.817	0.744	0.0383	0.0327

non\_usa\_3.2Adc\_d188\_m078



non-cash transactions

US

### 3.2 Adopter characteristics

Share of cash and credit card payments by age

% payments by cash (25-54 age group)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1942, D_t=-31.7, K=8.49e+03$	-0.139	0.955	0.922	0.0133	0.0109
Exponential	$-1.54e+03 \cdot \exp(-0.00147 \cdot (x - 152683))$	-0.00147	-9.82	-14.1	0.206	0.197
Linear	intercept=53.4, slope=-0.0263	-0.0263	0.925	0.894	0.0172	0.0137

non\_usa\_3.2Adc\_d188\_m079

% payments by cash (25-54 age group)

2005

2010

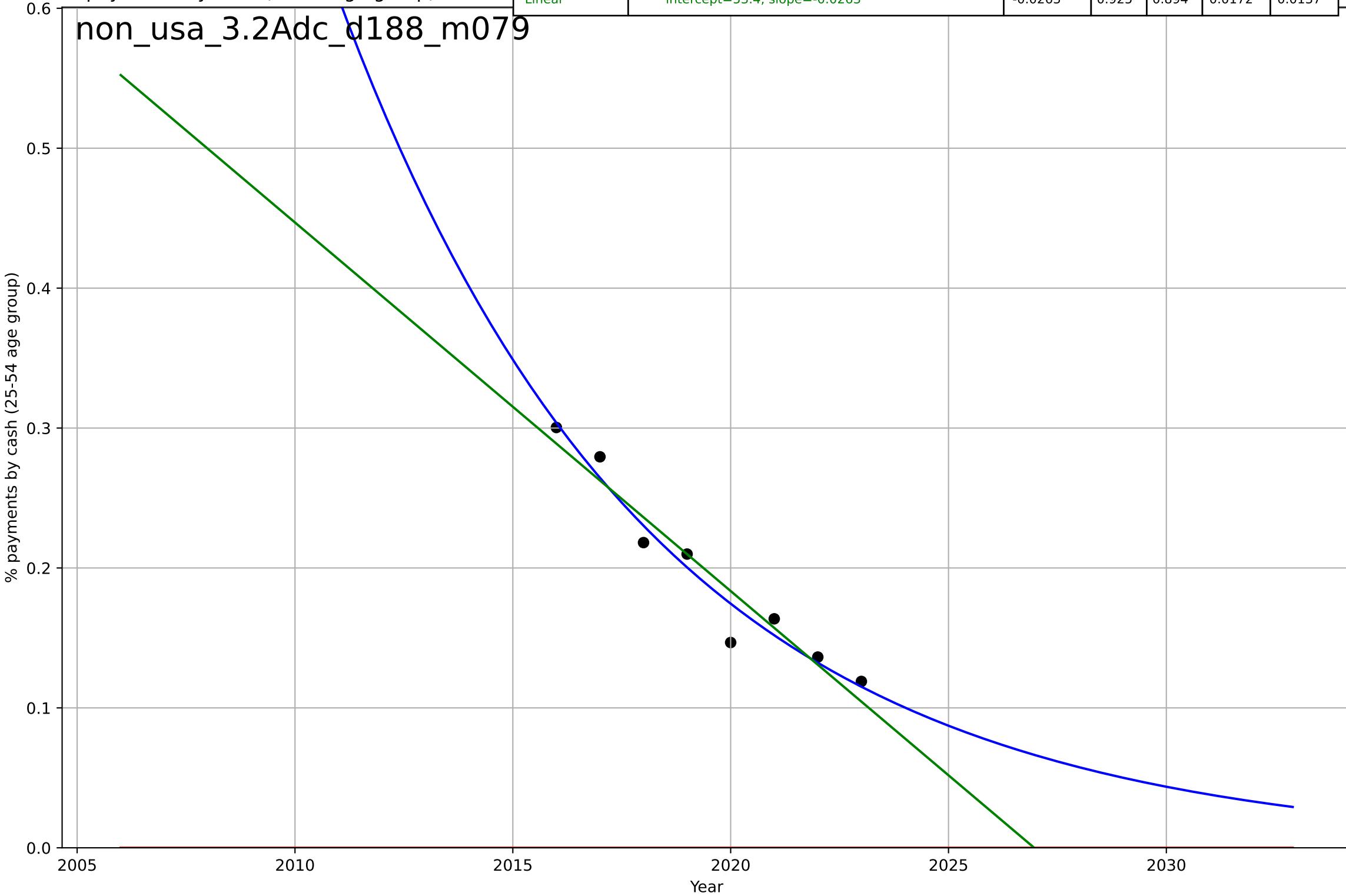
2015

2020

2025

2030

Year



non-cash transactions

US

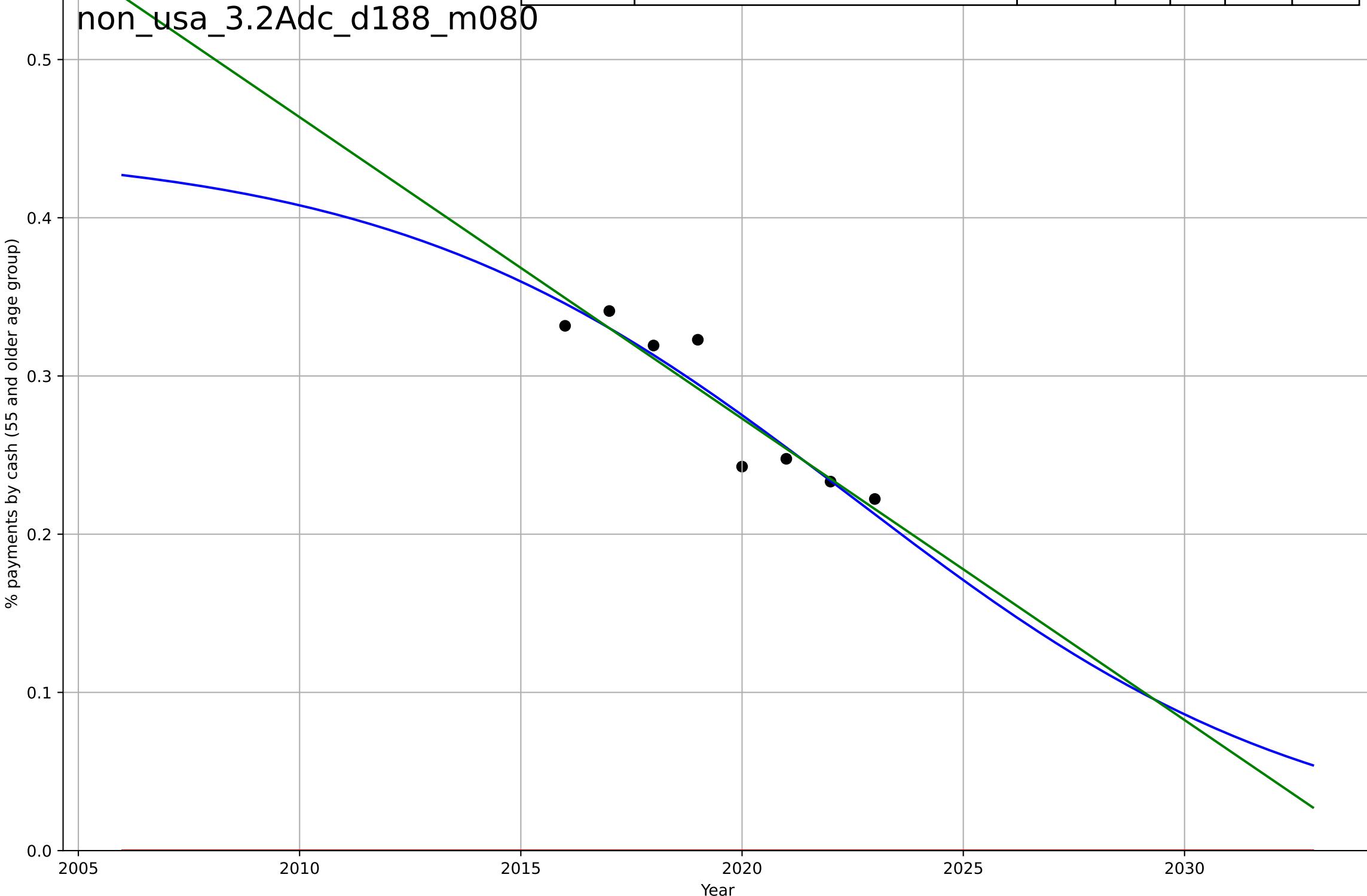
### 3.2 Adopter characteristics

Share of cash and credit card payments by age

% payments by cash (55 and older age group)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=-23, K=0.445	-0.191	0.867	0.768	0.0171	0.0136
Exponential	-1.54e+03*exp(-0.000804*(x-152664))	-0.000804	-36.1	-51	0.286	0.283
Linear	intercept=38.8, slope=-0.0191	-0.0191	0.862	0.807	0.0175	0.014

non\_usa\_3.2Adc\_d188\_m080



non-cash transactions

US

### 3.2 Adopter characteristics

Share of cash and credit card payments by income group

% payments by cash (income 100,000-149,999)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1951, D_t=-28.6, K=3.36e+03$	-0.154	0.806	0.661	0.015	0.0114
Exponential	$-1.54e+03 \cdot \exp(-0.000211 \cdot (x - 152634))$	-0.000211	-7.03	-10.2	0.0968	0.0906
Linear	intercept=26.1, slope=-0.0129	-0.0129	0.749	0.648	0.0171	0.0137

non\_usa\_3.2Adc\_d189\_m081

% payments by cash (income 100,000-149,999)

2005

2010

2015

2020

2025

2030

Year

non-cash transactions

US

### 3.2 Adopter characteristics

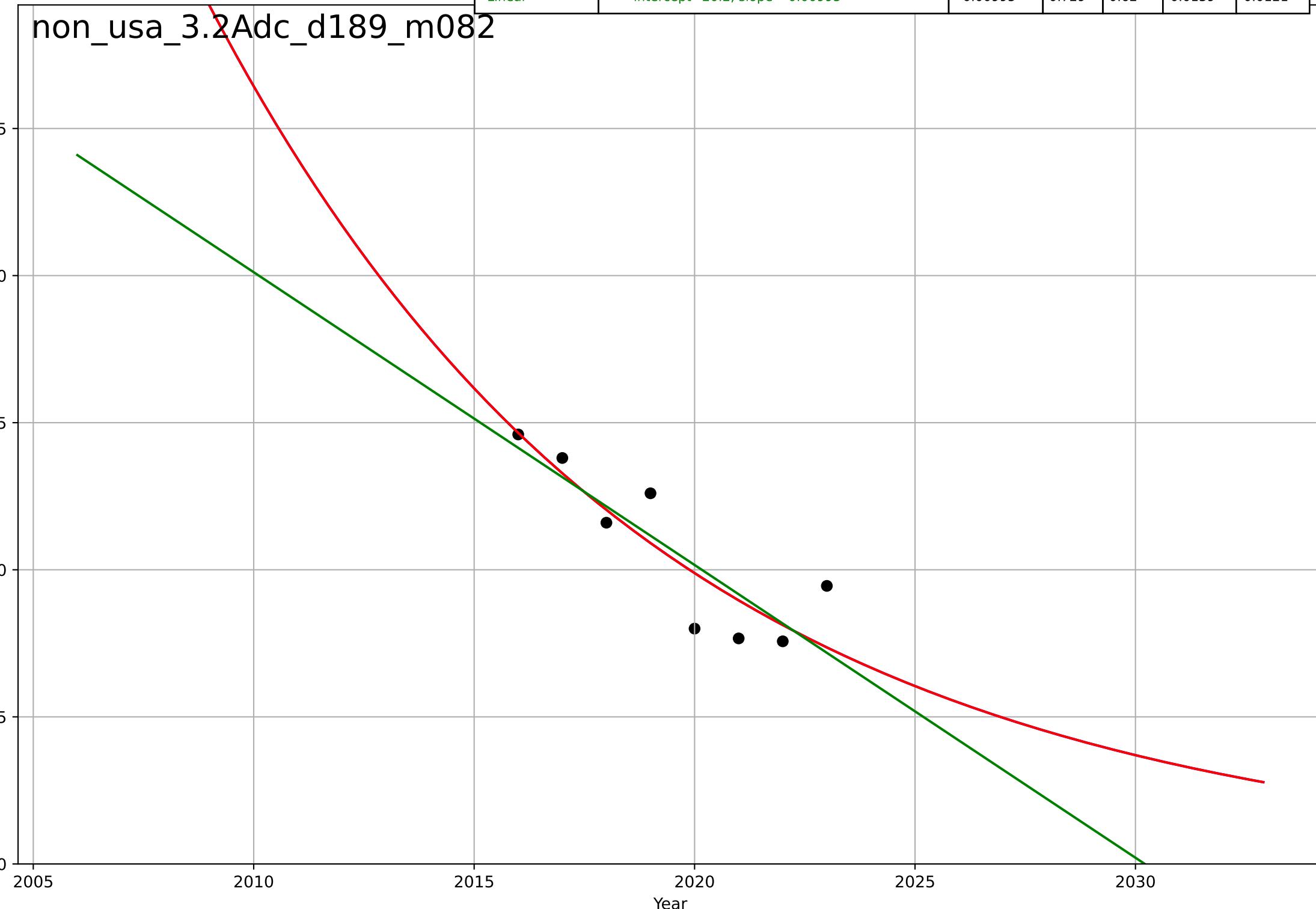
Share of cash and credit card payments by income group

% payments by cash (income 25,000-49,999)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1916, D_t=-44.7, K=2.71e+03$	-0.0984	0.768	0.594	0.0129	0.0107
Exponential	$1.1 \cdot \exp(-0.0984 \cdot (x-1996))$	-0.0984	0.768	0.675	0.0129	0.0107
Linear	intercept=20.2, slope=-0.00995	-0.00995	0.729	0.62	0.0139	0.0121

non\_usa\_3.2Adc\_d189\_m082

% payments by cash (income 25,000-49,999)



non-cash transactions

US

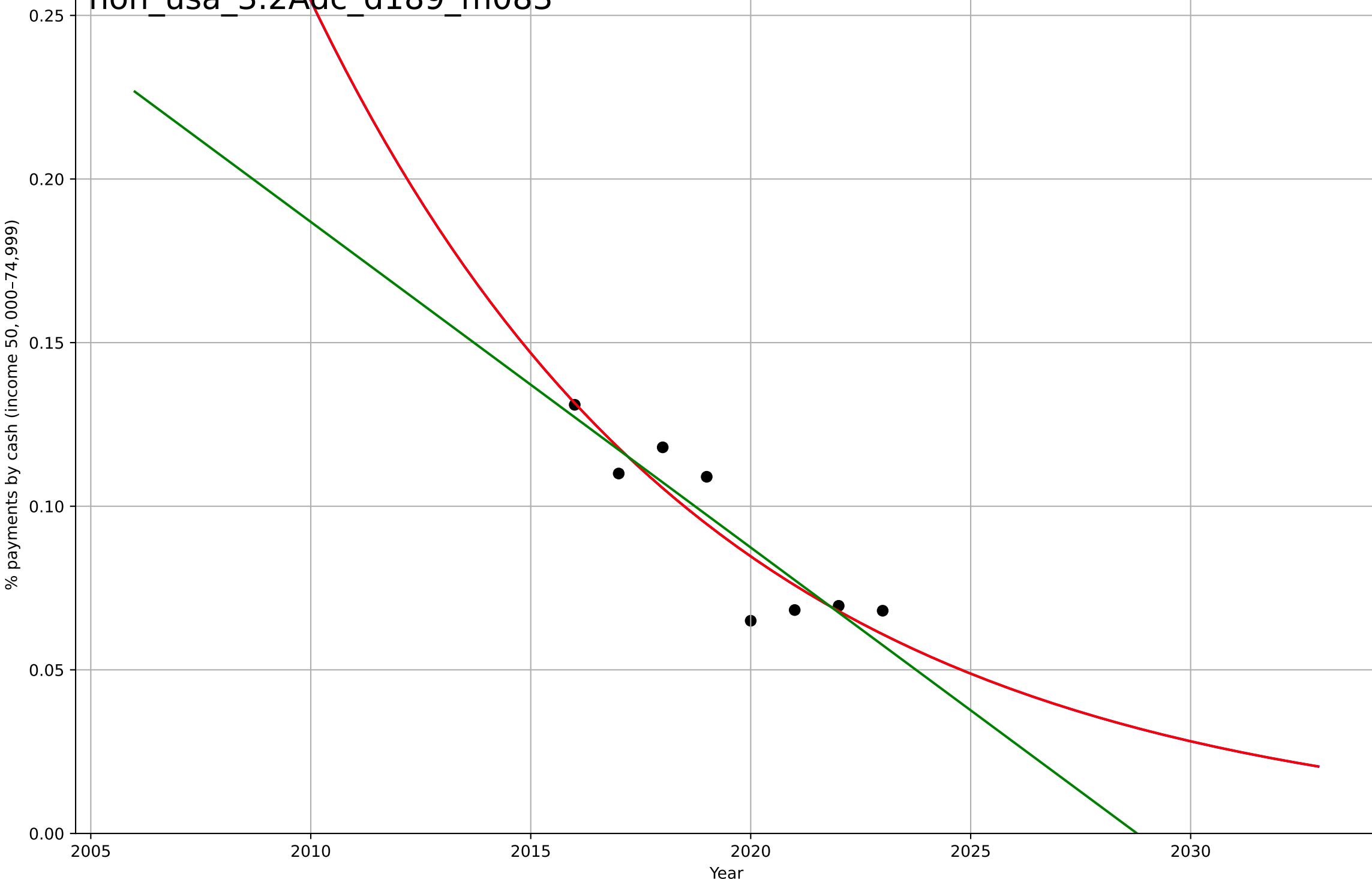
### 3.2 Adopter characteristics

Share of cash and credit card payments by income group

% payments by cash (income 50,000-74,999)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1955, D_t=-39.9, K=104$	-0.11	0.821	0.687	0.0108	0.00892
Exponential	$1.41 \cdot \exp(-0.11 \cdot (x-1994))$	-0.11	0.821	0.75	0.0108	0.00892
Linear	intercept=20.2, slope=-0.00995	-0.00995	0.803	0.725	0.0113	0.0097

non\_usa\_3.2Adc\_d189\_m083



non-cash transactions

US

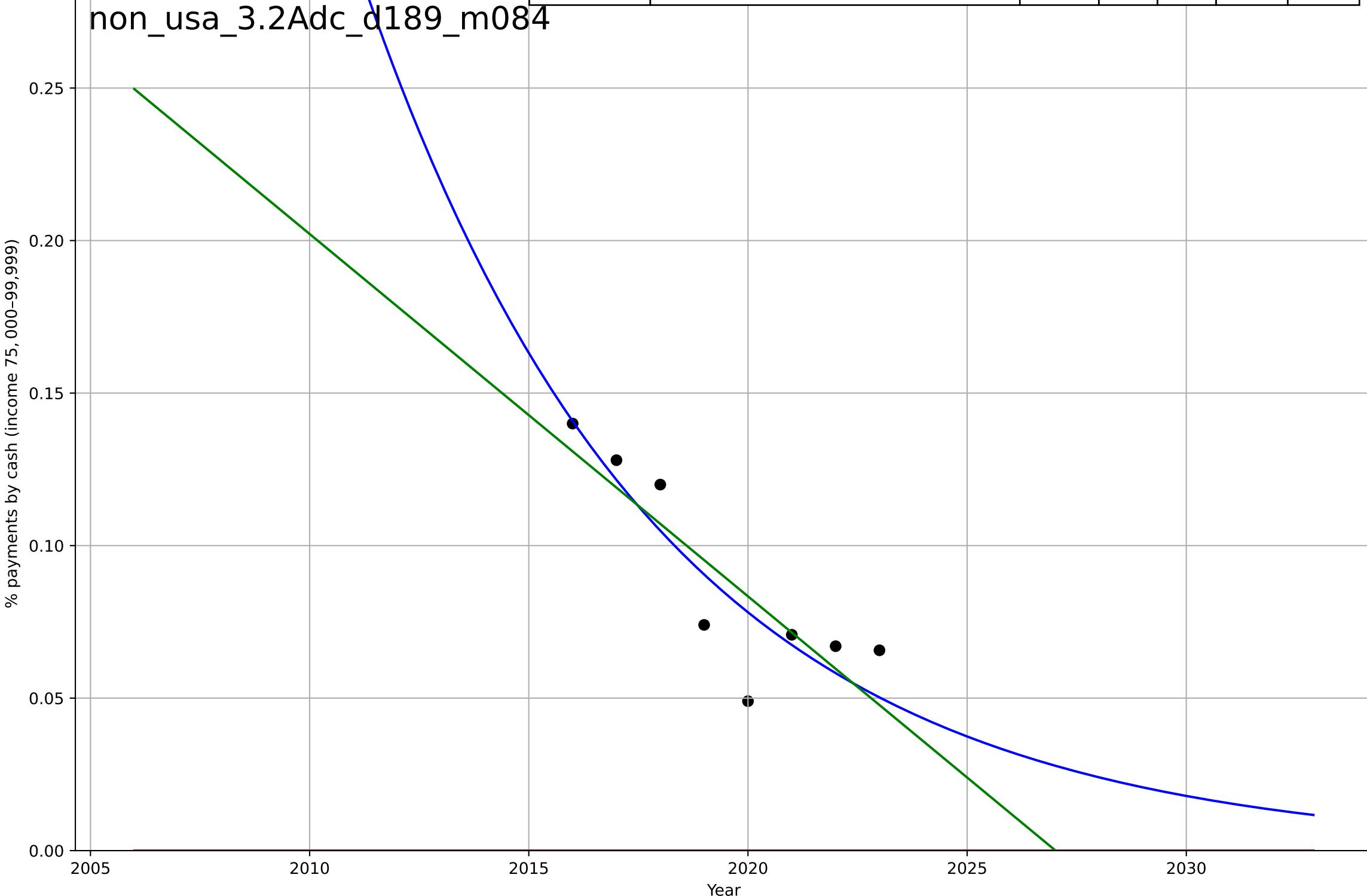
### 3.2 Adopter characteristics

Share of cash and credit card payments by income group

% payments by cash (income 75,000-99,999)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1945, D_t=-29.8, K=5.06e+03$	-0.147	0.792	0.636	0.0147	0.012
Exponential	$-1.15e+03 \cdot \exp(-0.021 \cdot (x - 589382))$	-0.021	-7.72	-11.2	0.0949	0.0893
Linear	intercept=24.1, slope=-0.0119	-0.0119	0.717	0.604	0.0171	0.0141

non\_usa\_3.2Adc\_d189\_m084



non-cash transactions

US

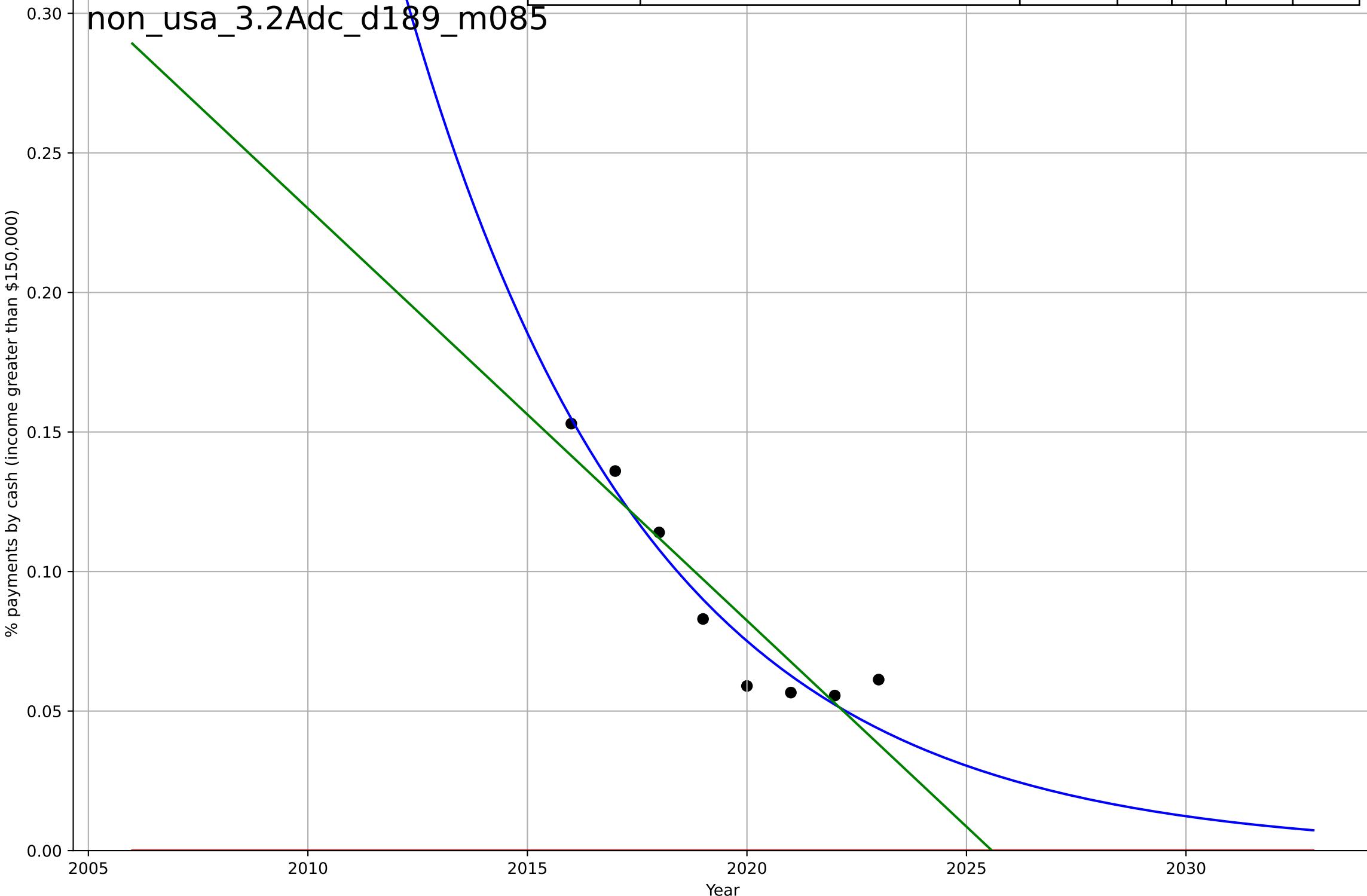
### 3.2 Adopter characteristics

Share of cash and credit card payments by income group

% payments by cash (income greater than \$150,000)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1956, D_t=-24.3, K=7.54e+03$	-0.181	0.93	0.878	0.0097	0.0081
Exponential	$-1.54e+03 \cdot \exp(-0.000385 \cdot (x - 152640))$	-0.000385	-5.98	-8.77	0.097	0.0898
Linear	intercept=29.9, slope=-0.0148	-0.0148	0.848	0.788	0.0143	0.0122

non\_usa\_3.2Adc\_d189\_m085



non-cash transactions

US

### 3.2 Adopter characteristics

Share of cash and credit card payments by income group

% payments by cash (income less than \$25,000)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1884, D_t=-54.5, K=5.04e+03$	-0.0806	0.748	0.559	0.00978	0.00804
Exponential	$7.61 \cdot \exp(-0.0806 \cdot (x-1965))$	-0.0806	0.748	0.648	0.00978	0.00804
Linear	intercept=14.3, slope=-0.00703	-0.00703	0.683	0.557	0.011	0.00919

non\_usa\_3.2Adc\_d189\_m086



organic food consumption

Austria

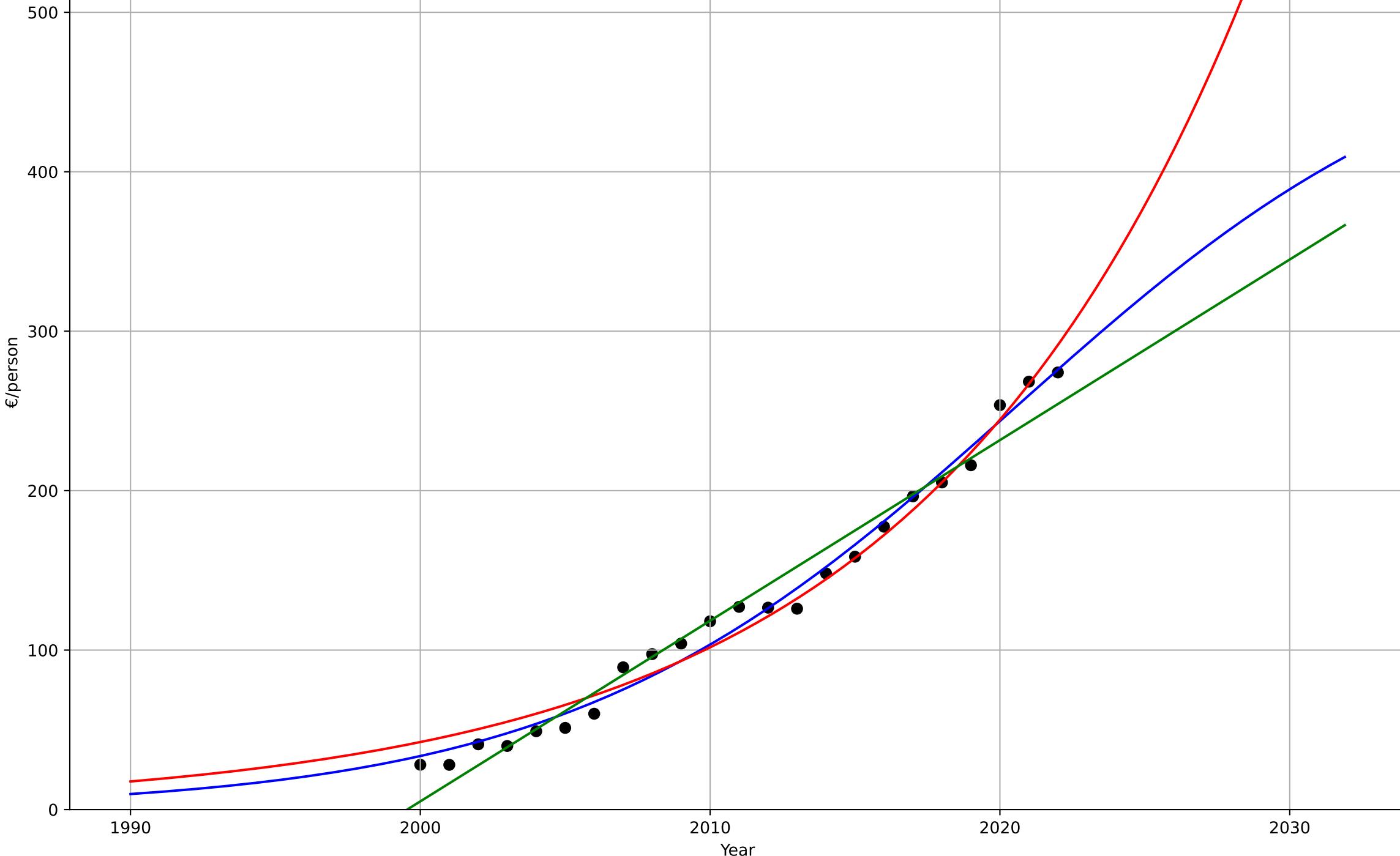
1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=34.1, K=504	0.129	0.986	0.984	8.89	7.75
Exponential	0.0631*exp(0.0877*(x-1926))	0.0877	0.979	0.977	11.1	9.84
Linear	intercept=-2.27e+04, slope=11.3	11.3	0.969	0.965	13.5	10.6

org\_aus\_1.1Ado\_d160\_m152



organic food consumption

Austria

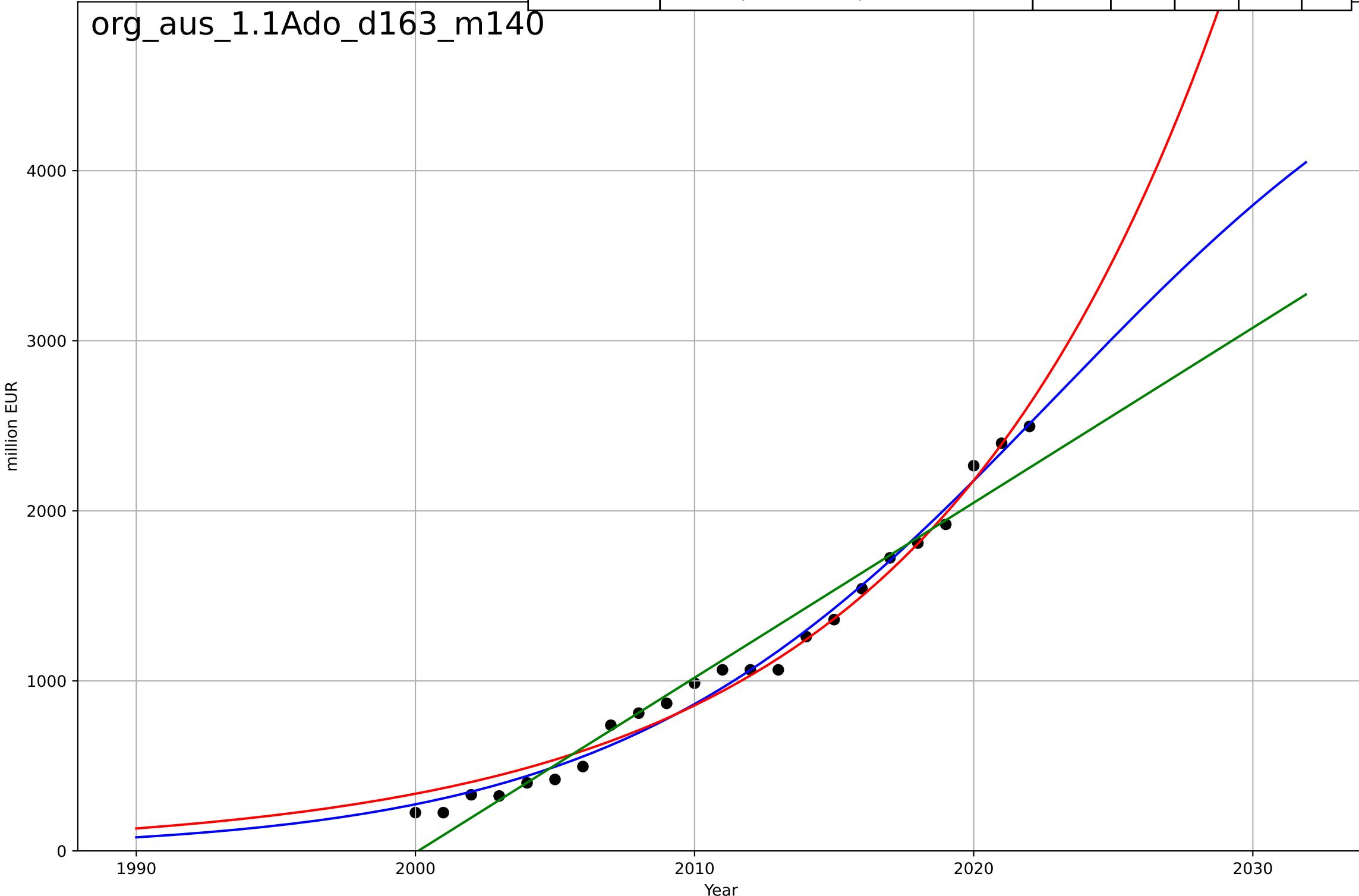
1.1 Adoption over time

Organic retail sales market size [million]

million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2023, D_t=34.6, K=5.35e+03$	0.127	0.989	0.987	74.6	65.2
Exponential	$0.00346 \cdot \exp(0.0935 \cdot (x-1877))$	0.0935	0.983	0.982	89.7	79.1
Linear	intercept=-2.06e+05, slope=103	103	0.96	0.956	140	110

org\_aus\_1.1Ado\_d163\_m140



organic food consumption

Austria

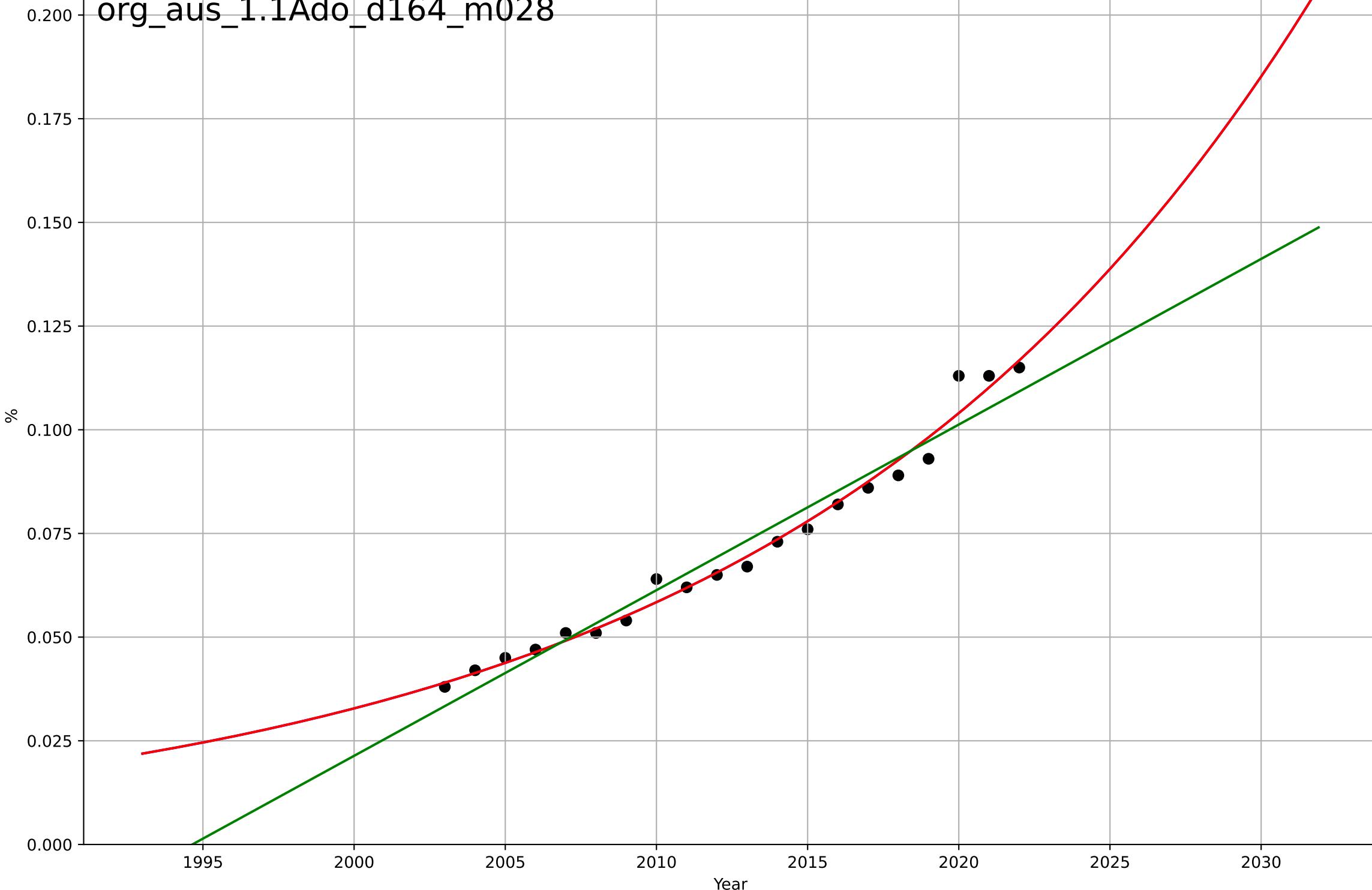
1.1 Adoption over time

Organic retail sales share [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2196, D_t=76.2, K=2.65e+03$	0.0577	0.983	0.98	0.00305	0.00216
Exponential	$8.84e-29 \cdot \exp(0.0577 \cdot (x-939))$	0.0577	0.983	0.981	0.00305	0.00216
Linear	intercept=-7.97, slope=0.00399	0.00399	0.956	0.951	0.00495	0.00442

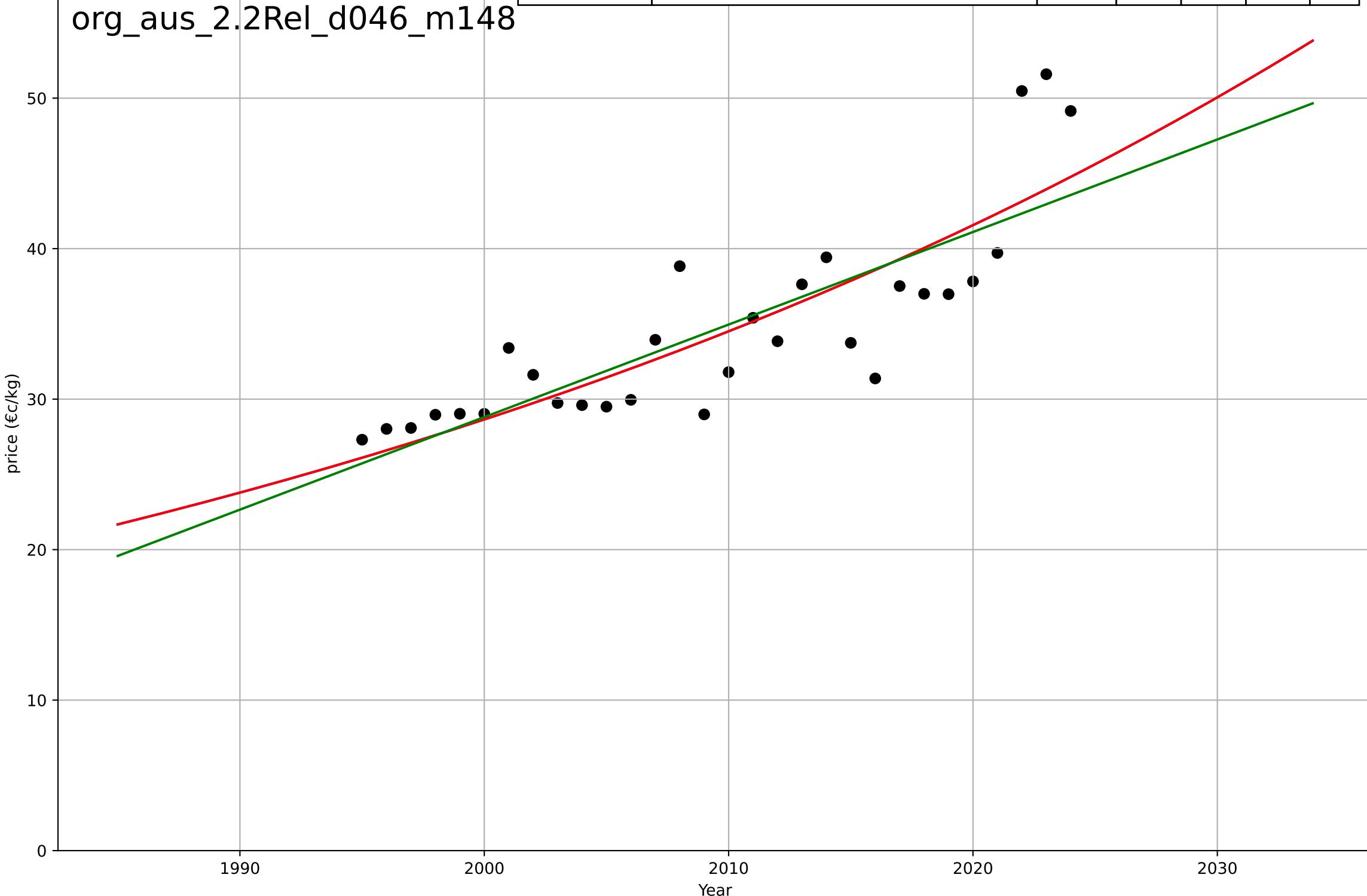
org\_aus\_1.1Ado\_d164\_m028



organic food consumption  
 Austria  
 2.2 Relative Advantage (Profitability)  
 All qualities MILK price  
 price (€c/kg)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2547, D_t=236, K=7.55e+05$	0.0186	0.711	0.678	3.47	2.8
Exponential	$5.12 \cdot \exp(0.0186 \cdot (x-1907))$	0.0186	0.711	0.69	3.47	2.8
Linear	intercept=-1.2e+03, slope=0.615	0.615	0.68	0.656	3.66	2.9

org\_aus\_2.2Rel\_d046\_m148



organic food consumption

Austria

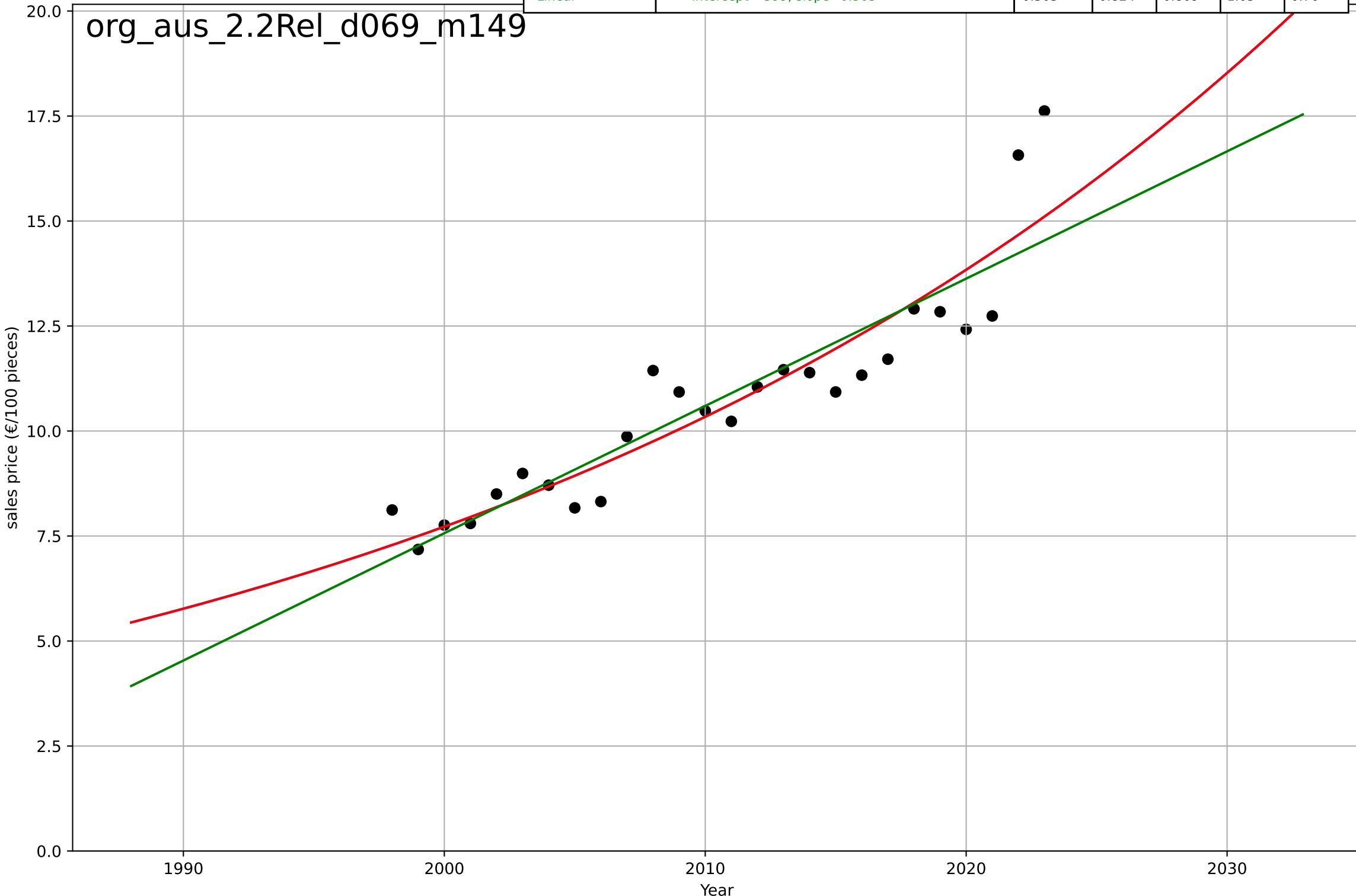
2.2 Relative Advantage (Profitability)

Conventional EGGS price

sales price (€/100 pieces)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2367, D_t=151, K=3.48e+05$	0.0292	0.851	0.831	0.966	0.731
Exponential	$8.01 \cdot \exp(0.0292 \cdot (x-2001))$	0.0292	0.851	0.838	0.966	0.731
Linear	intercept=-599, slope=0.303	0.303	0.824	0.809	1.05	0.76

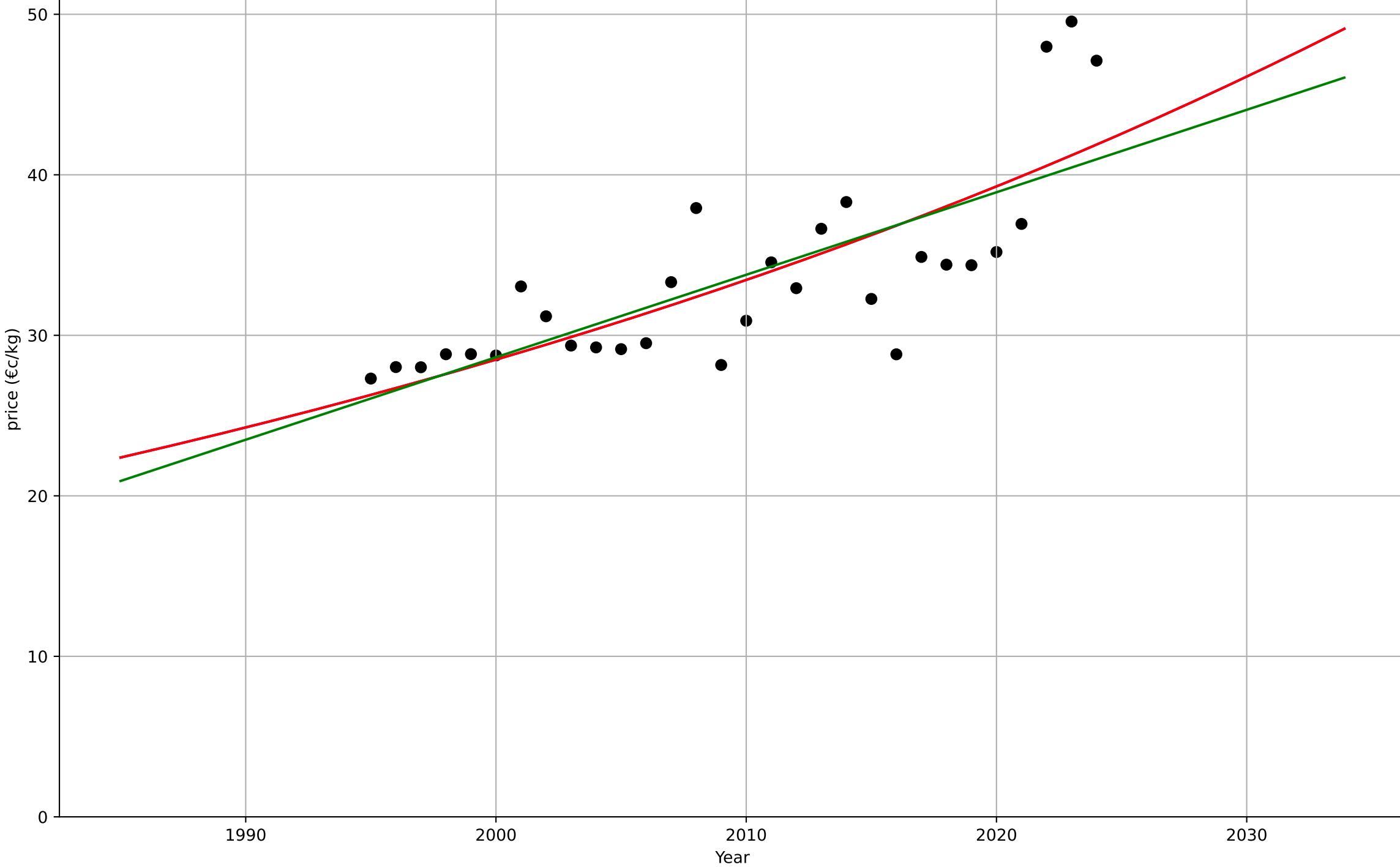
org\_aus\_2.2Rel\_d069\_m149



organic food consumption  
 Austria  
 2.2 Relative Advantage (Profitability)  
 Conventional MILK price  
 price (€c/kg)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2619, D_t=274, K=5.95e+05$	0.0161	0.606	0.561	3.67	2.92
Exponential	$5.75 \cdot \exp(0.0161 \cdot (x-1900))$	0.0161	0.606	0.577	3.67	2.92
Linear	intercept=-999, slope=0.514	0.514	0.58	0.548	3.79	2.98

org\_aus\_2.2Rel\_d070\_m148



organic food consumption

Austria

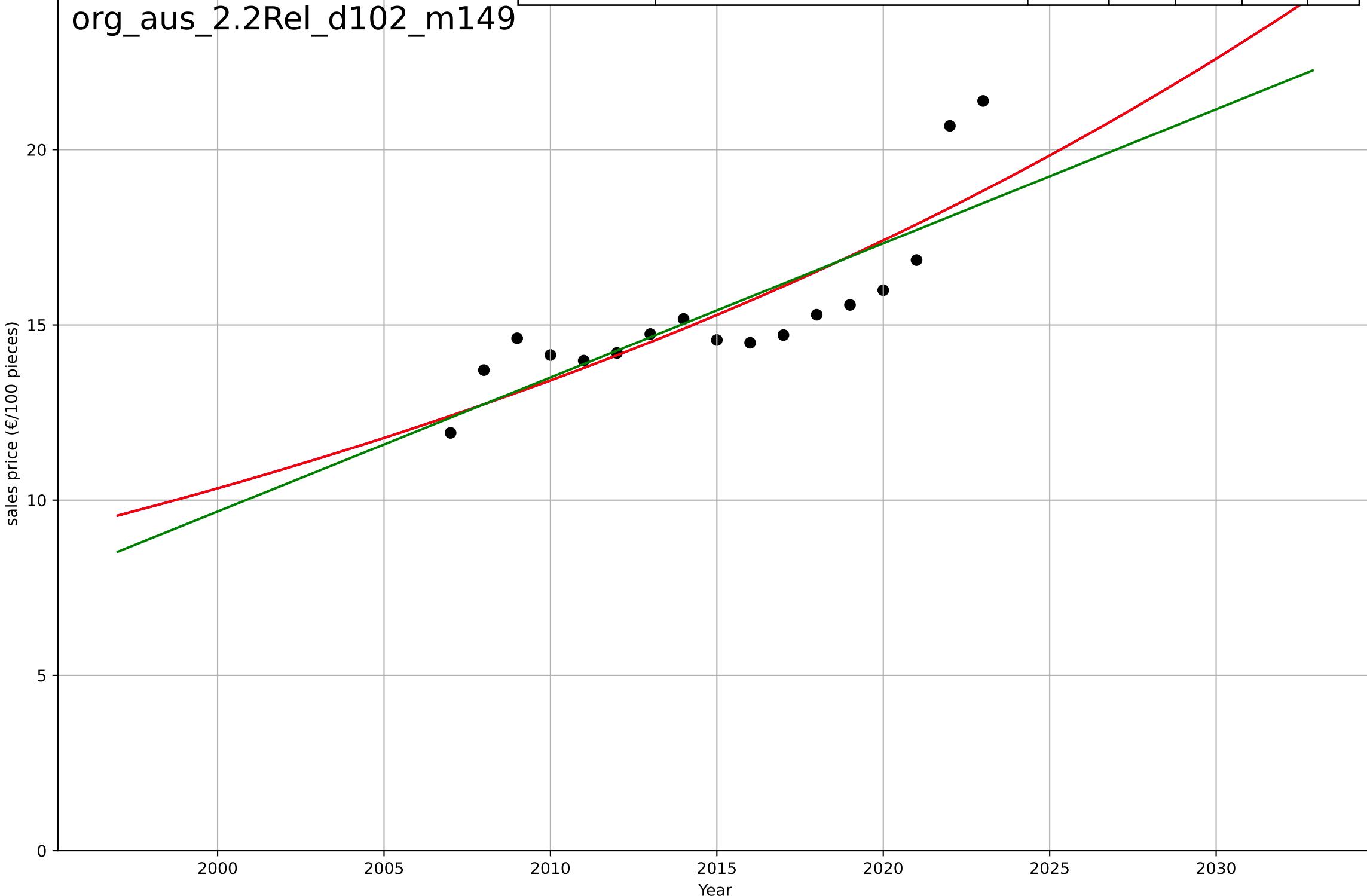
2.2 Relative Advantage (Profitability)

Free range EGGS price

sales price (€/100 pieces)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2400, D_t=169, K=3.53e+05$	0.0261	0.701	0.632	1.25	1.05
Exponential	$5.62 \cdot \exp(0.0261 \cdot (x-1977))$	0.0261	0.701	0.658	1.25	1.05
Linear	intercept=-755, slope=0.383	0.383	0.668	0.621	1.32	1.05

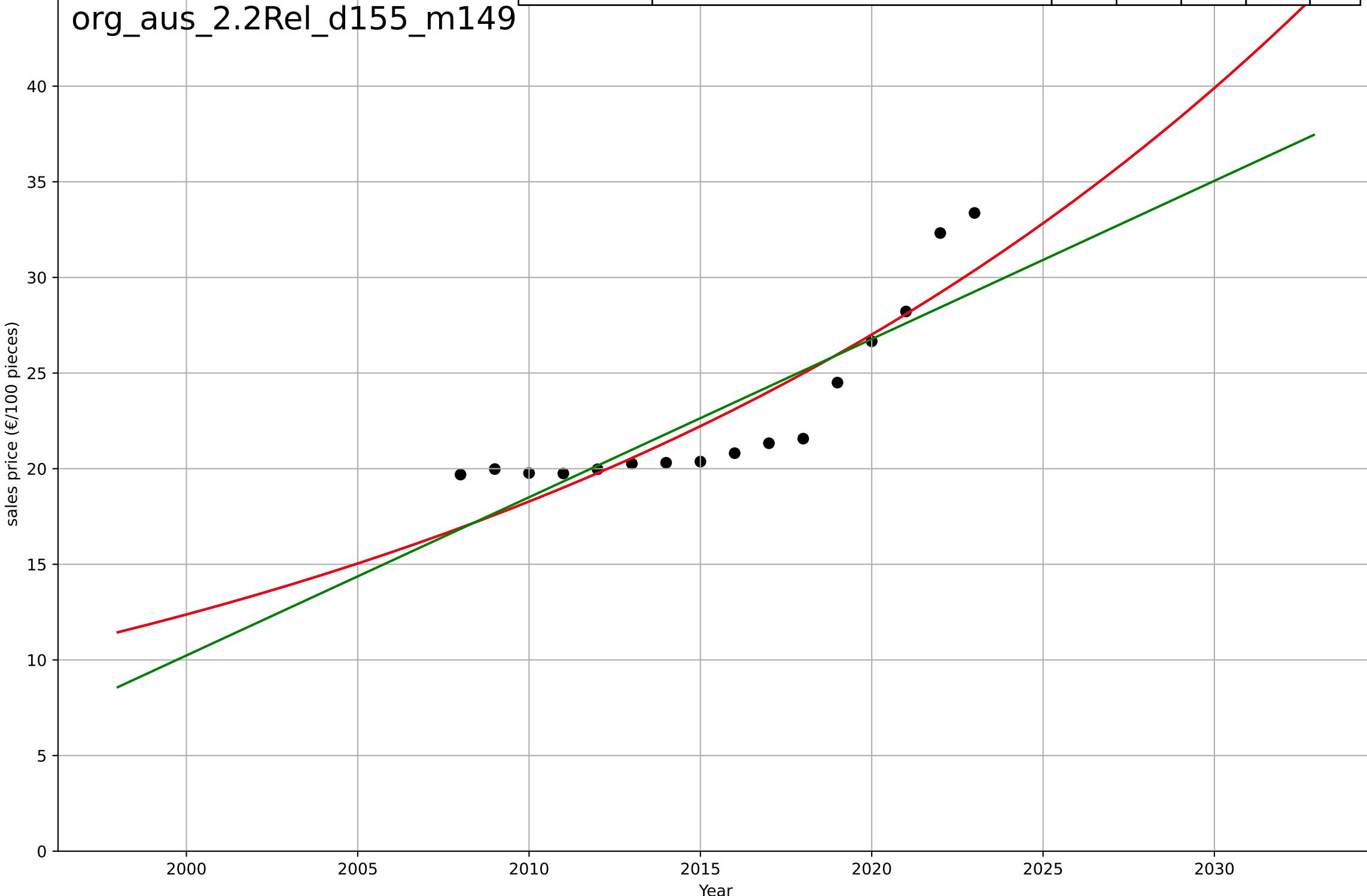
org\_aus\_2.2Rel\_d102\_m149



organic food consumption  
 Austria  
 2.2 Relative Advantage (Profitability)  
 Organic EGGS price  
 sales price (€/100 pieces)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2298, D_t=113, K=1.38e+06$	0.039	0.792	0.741	2.03	1.71
Exponential	$2.96 \cdot \exp(0.039 \cdot (x-1963))$	0.039	0.792	0.76	2.03	1.71
Linear	intercept=-1.64e+03, slope=0.827	0.827	0.73	0.688	2.32	1.93

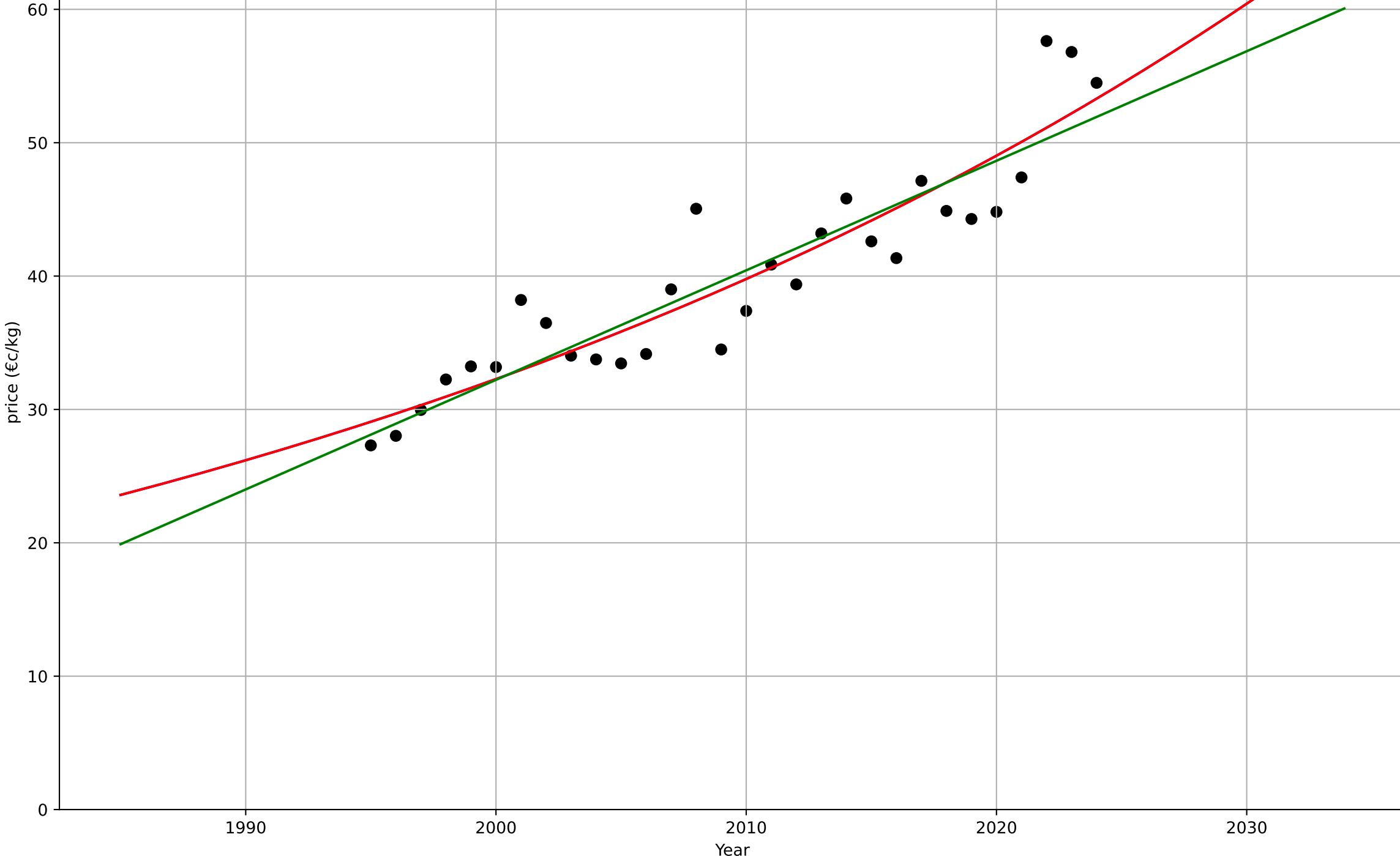
org\_aus\_2.2Rel\_d155\_m149



organic food consumption  
 Austria  
 2.2 Relative Advantage (Profitability)  
 Organic MILK price  
 price (€c/kg)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2478, D_t=210, K=7e+05$	0.0209	0.849	0.832	3.02	2.49
Exponential	$4.14 \cdot \exp(0.0209 \cdot (x-1902))$	0.0209	0.849	0.838	3.02	2.49
Linear	intercept=-1.61e+03, slope=0.821	0.821	0.835	0.823	3.16	2.58

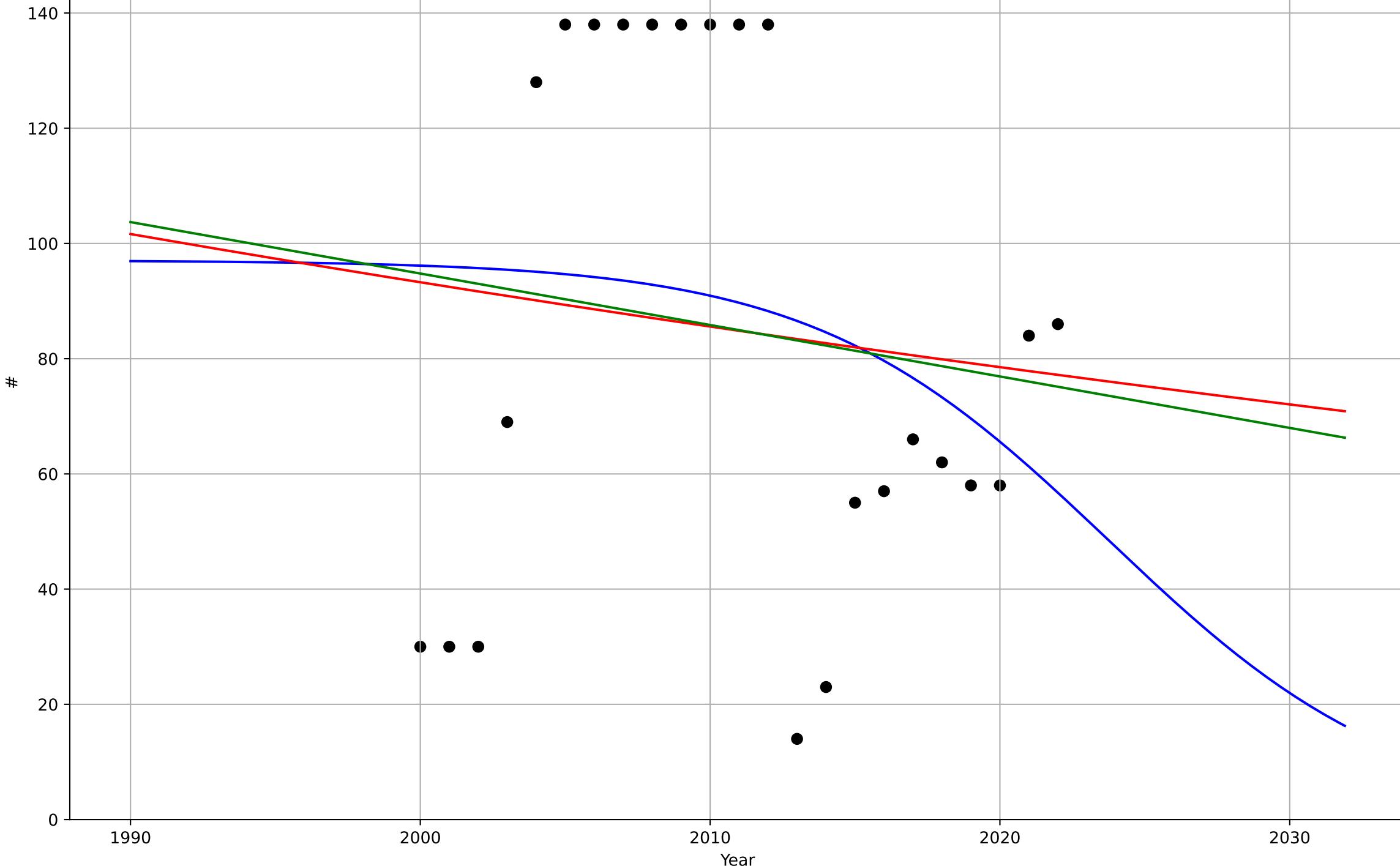
org\_aus\_2.2Rel\_d156\_m148



organic food consumption  
 Austria  
 2.5 Variety (Choice Availability)  
 Organic importers  
 #

	Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
	Logistic	$t_0=2024, D_t=-22.4, K=97.1$	-0.196	0.0574	-0.0914	43.7	39.2
	Exponential	$160 \cdot \exp(-0.0086 \cdot (x-1938))$	-0.0086	0.0142	-0.0844	44.7	40.3
	Linear	intercept=1.88e+03, slope=-0.893	-0.893	0.0173	-0.0809	44.6	40.2

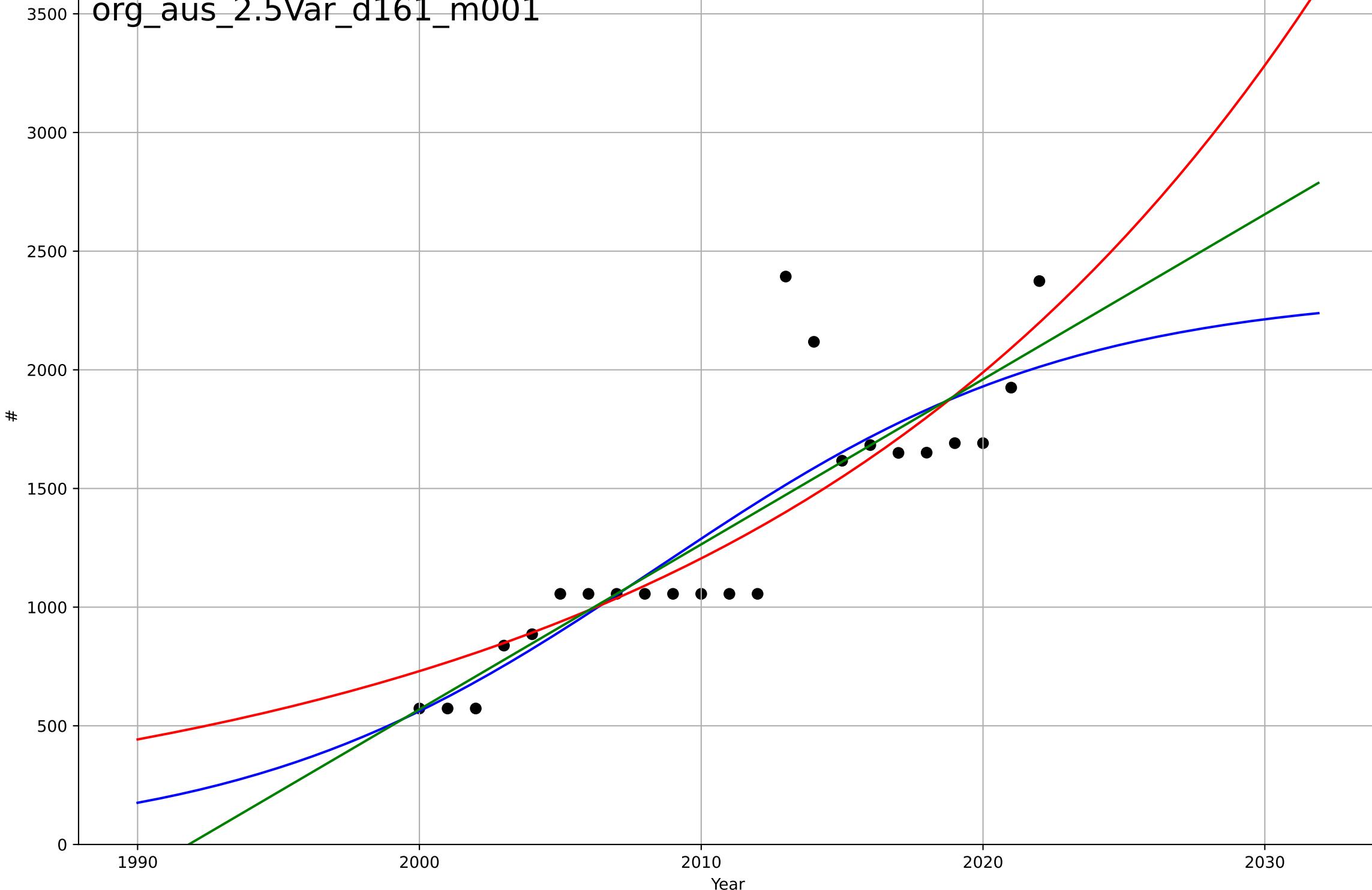
org\_aus\_2.5Var\_d159\_m001



organic food consumption  
 Austria  
 2.5 Variety (Choice Availability)  
 Organic processors  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=32.3, K=2.33e+03$	0.136	0.741	0.7	273	189
Exponential	$0.0192 \cdot \exp(0.0501 \cdot (x-1789))$	0.0501	0.712	0.683	288	191
Linear	intercept=-1.39e+05, slope=69.5	69.5	0.739	0.712	274	182

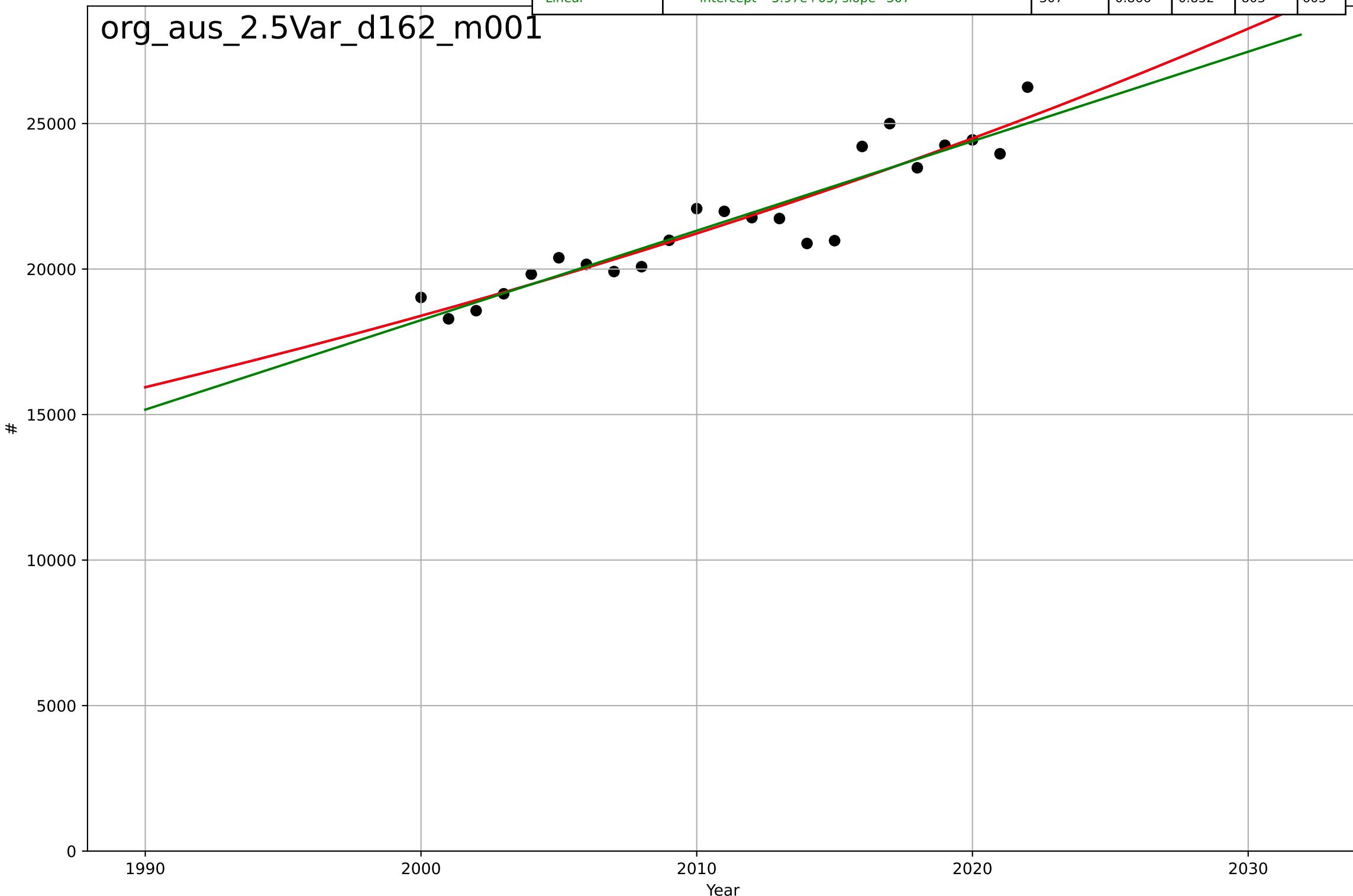
org\_aus\_2.5Var\_d161\_m001



organic food consumption  
 Austria  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2605, Dt=307, K=1.06e+08	0.0143	0.872	0.851	785	599
Exponential	24.6*exp(0.0143*(x-1538))	0.0143	0.872	0.859	785	599
Linear	intercept=-5.97e+05, slope=307	307	0.866	0.852	803	605

org\_aus\_2.5Var\_d162\_m001



organic food consumption

Austria

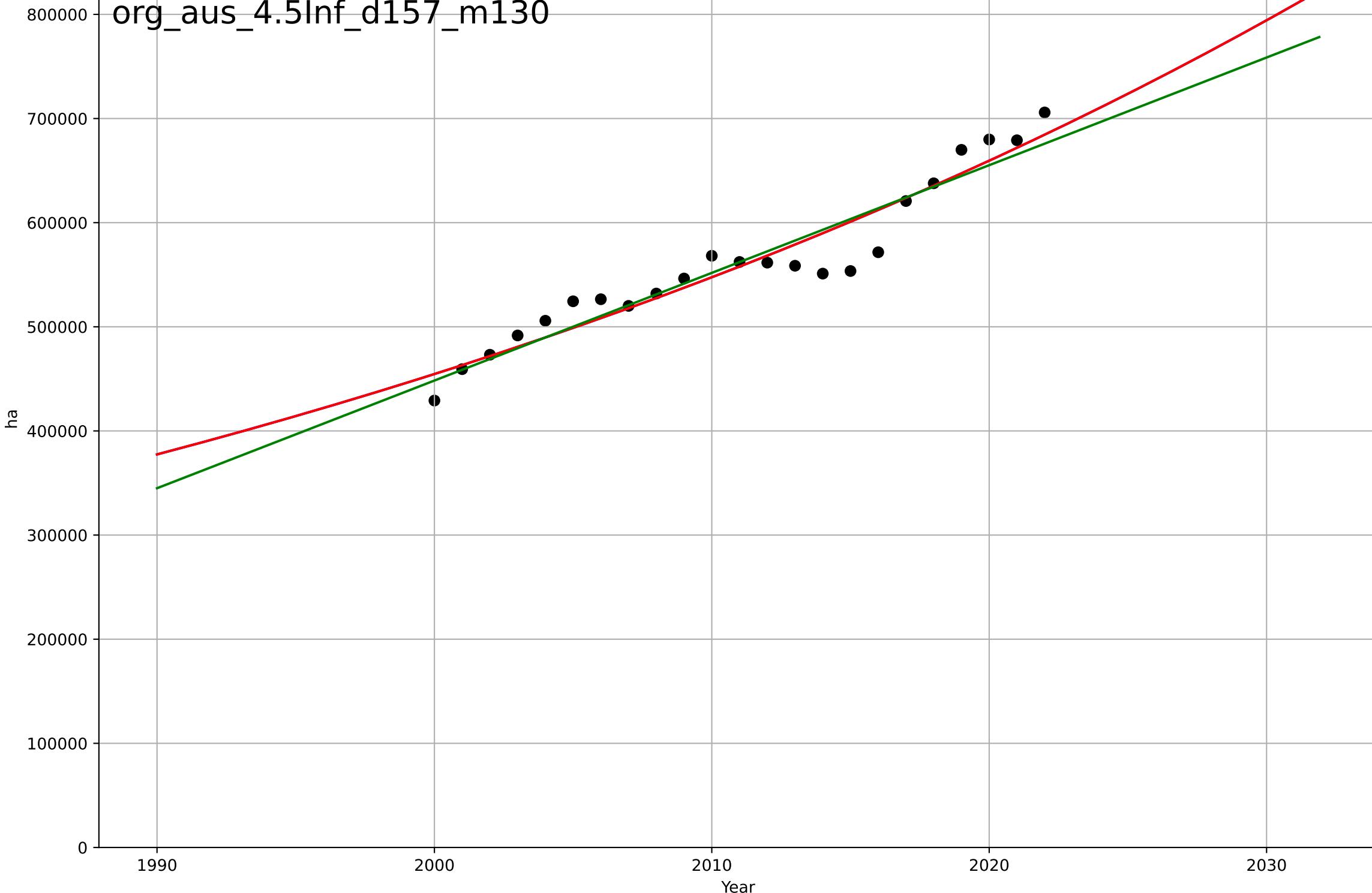
4.5 Physical Infrastructure dependence

Organic area (farmland) [ha]

ha

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2516, D_t=236, K=6.66e+09$	0.0186	0.917	0.904	2.07e+04	1.62e+04
Exponential	$26.7 \cdot \exp(0.0186 \cdot (x-1476))$	0.0186	0.917	0.909	2.07e+04	1.62e+04
Linear	intercept=-2.02e+07, slope=1.03e+04	1.03e+04	0.907	0.898	2.19e+04	1.67e+04

org\_aus\_4.5Inf\_d157\_m130



organic food consumption

Austria

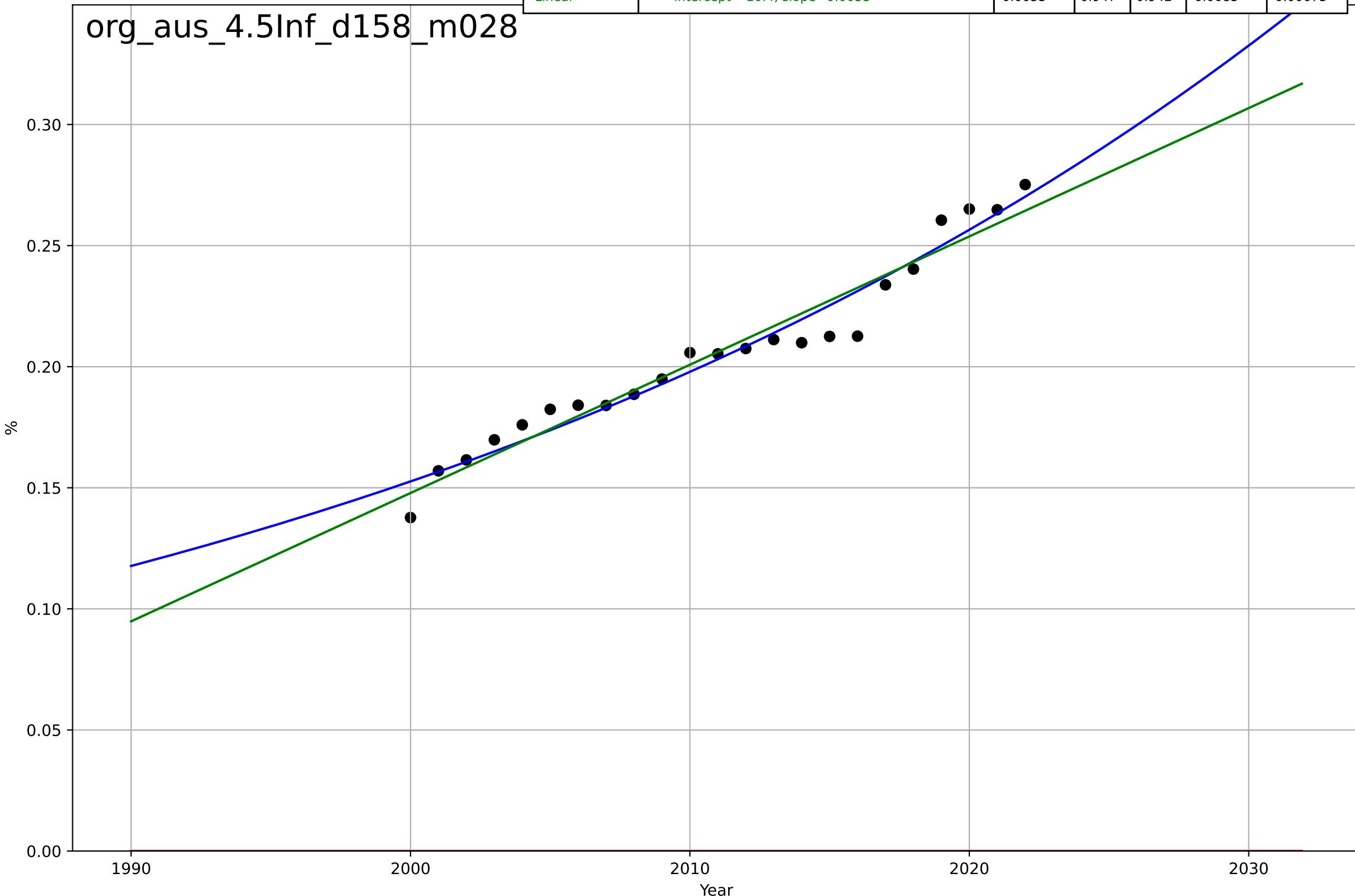
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2392, Dt=169, K=4.03e+03	0.026	0.956	0.949	0.00757	0.00578
Exponential	1.56e+03*exp(0.00148*(x-157475))	0.00148	-32.6	-35.9	0.209	0.206
Linear	intercept=-10.4, slope=0.0053	0.0053	0.947	0.942	0.0083	0.00673

org\_aus\_4.5Inf\_d158\_m028



organic food consumption

Canada

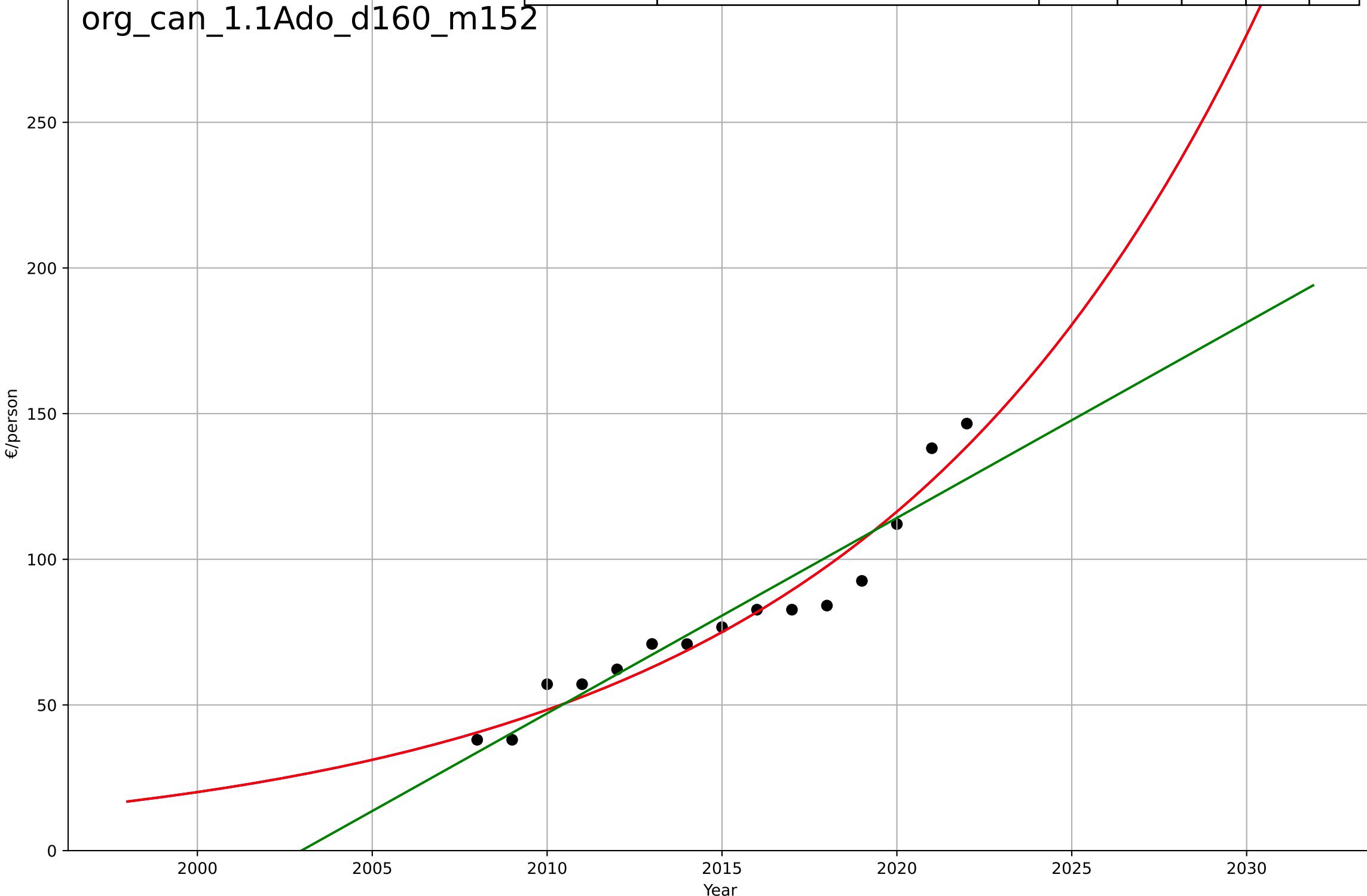
1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2149, Dt=50, K=9.49e+06	0.0878	0.939	0.922	7.58	6.44
Exponential	0.0705*exp(0.0878*(x-1936))	0.0878	0.939	0.929	7.57	6.44
Linear	intercept=-1.34e+04, slope=6.71	6.71	0.894	0.877	9.96	7.88

org\_can\_1.1Ado\_d160\_m152



organic food consumption

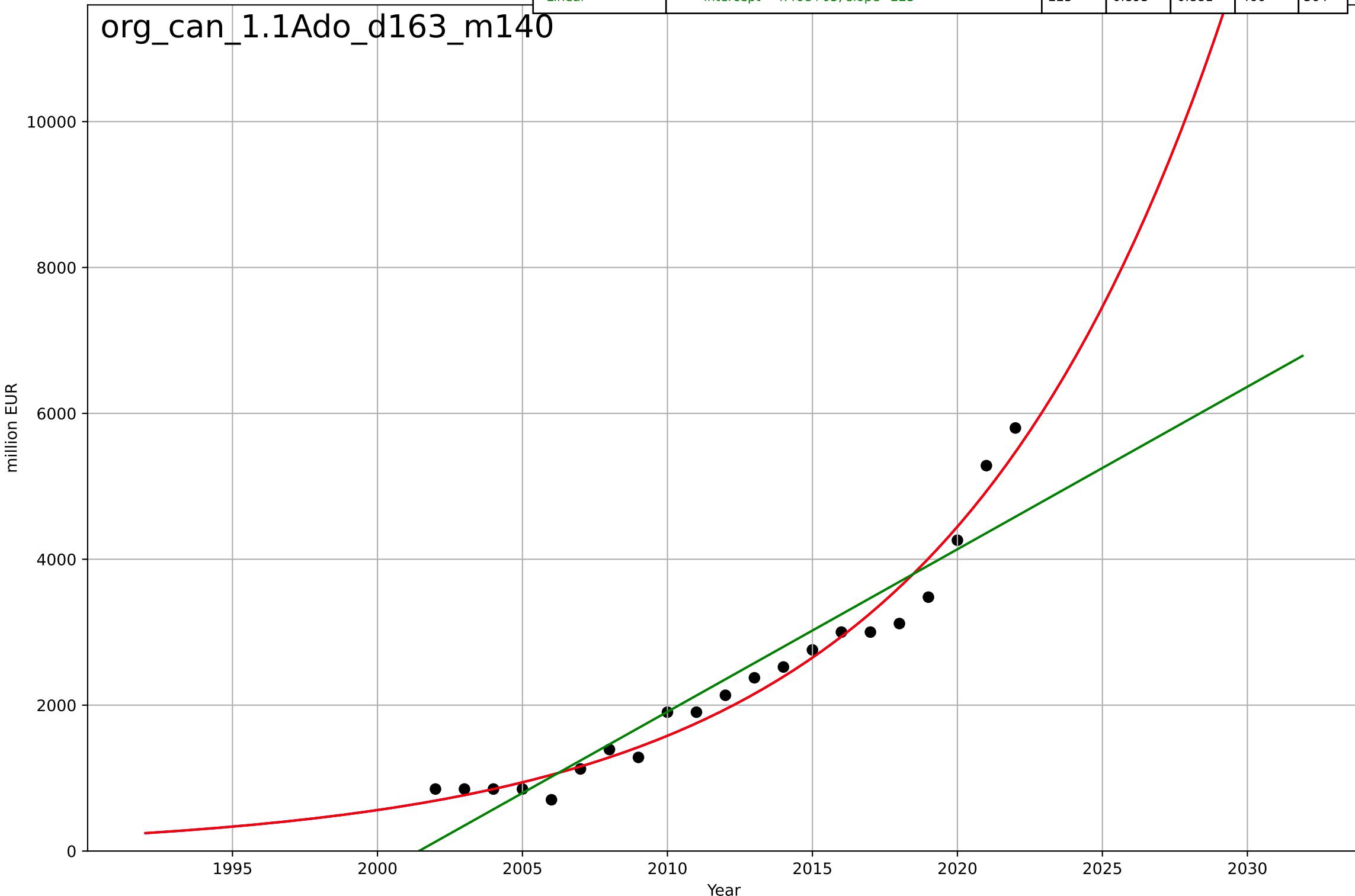
Canada

1.1 Adoption over time

Organic retail sales market size [million]  
million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2133, D_t=42.5, K=5.16e+08$	0.103	0.97	0.964	249	205
Exponential	$0.000903 \cdot \exp(0.103 \cdot (x-1871))$	0.103	0.97	0.966	249	205
Linear	intercept=-4.46e+05, slope=223	223	0.893	0.881	466	364

org\_can\_1.1Ado\_d163\_m140



organic food consumption

Canada

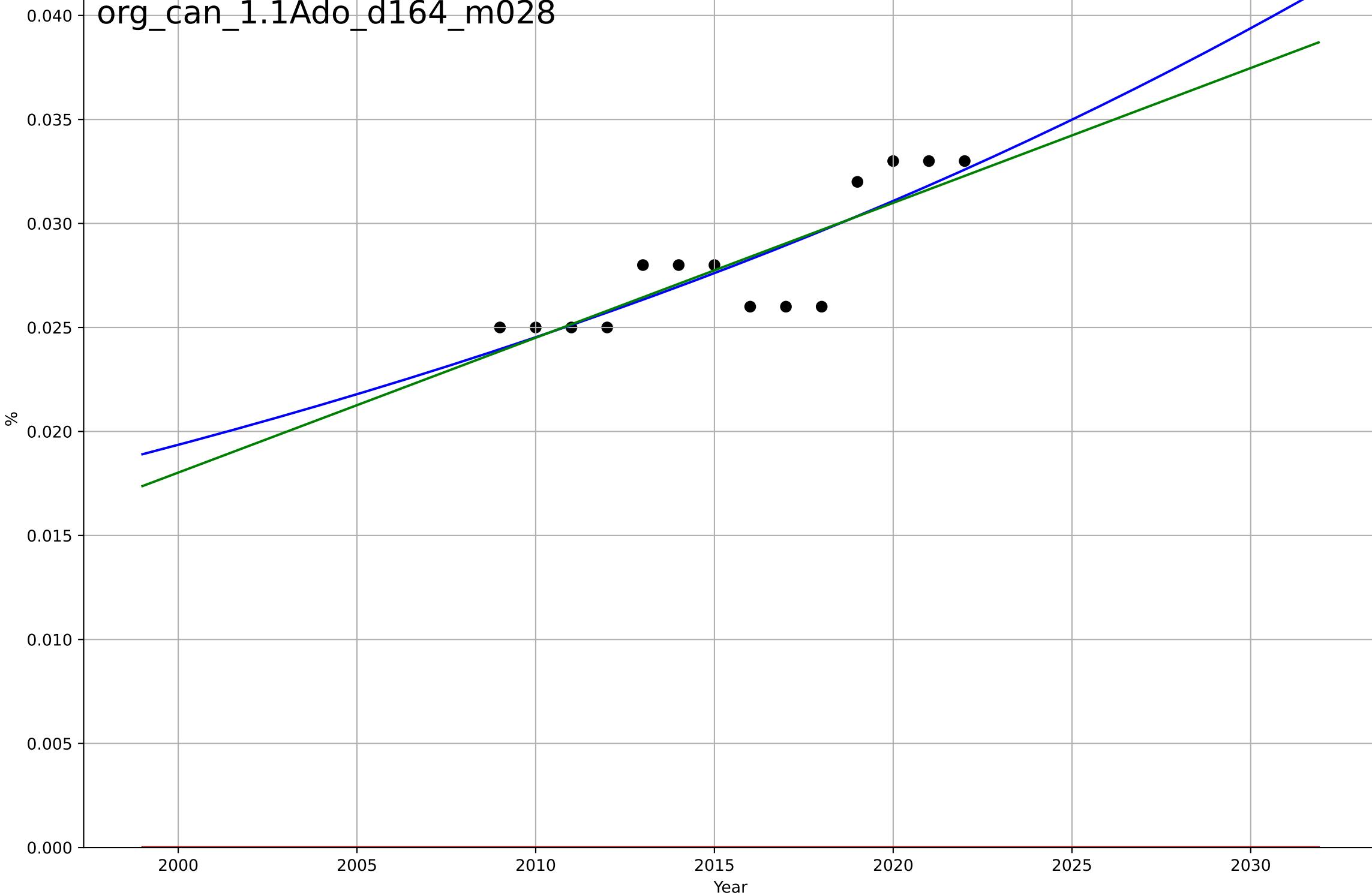
1.1 Adoption over time

Organic retail sales share [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2423, D_t=186, K=437$	0.0237	0.705	0.617	0.00171	0.00139
Exponential	$1.56e+03 \cdot \exp(0.00106 \cdot (x-157480))$	0.00106	-79.4	-94	0.0282	0.0281
Linear	intercept=-1.28, slope=0.000648	0.000648	0.688	0.632	0.00176	0.00144

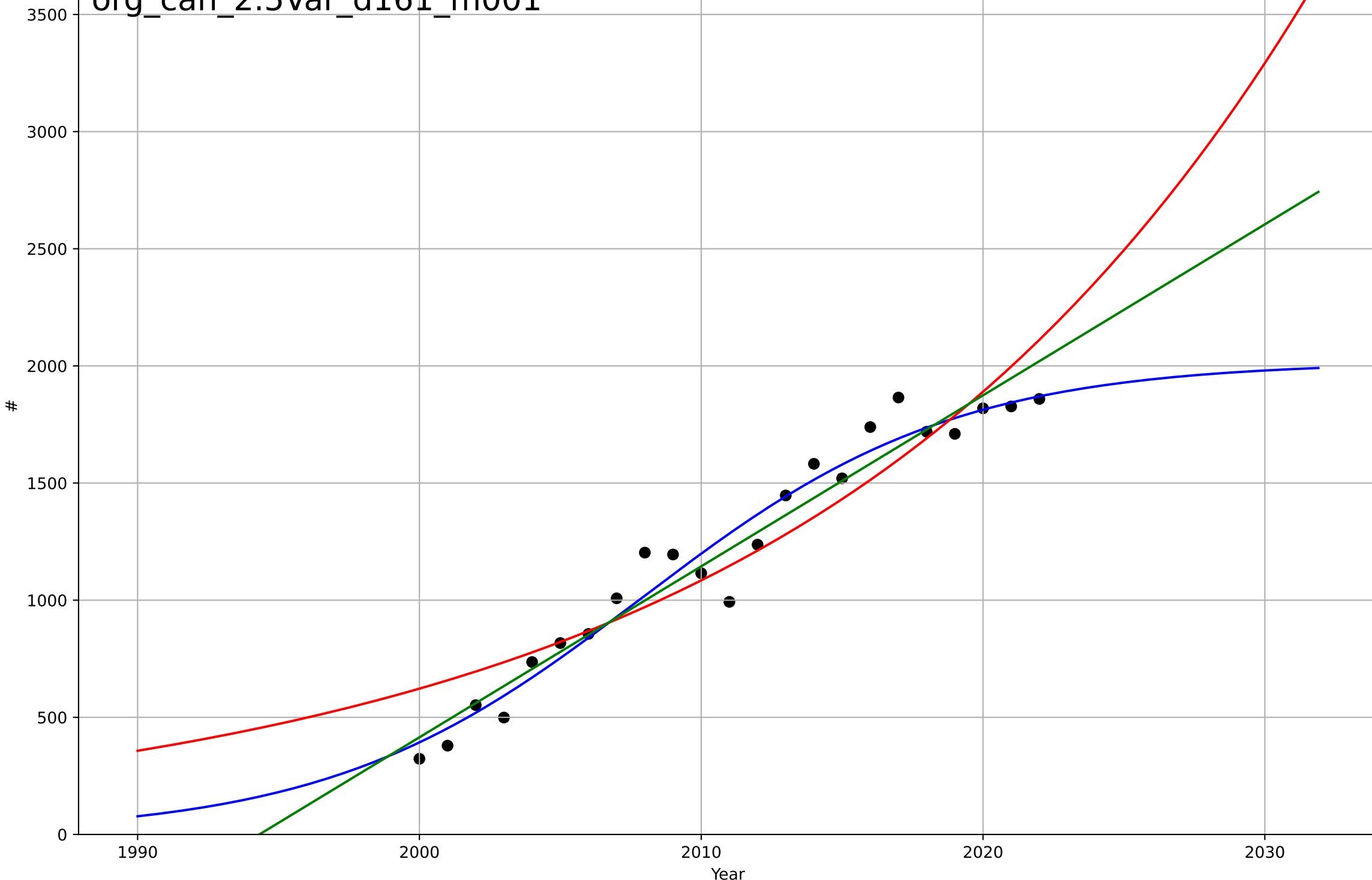
org\_can\_1.1Ado\_d164\_m028



organic food consumption  
 Canada  
 2.5 Variety (Choice Availability)  
 Organic processors  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=24.4, K=2.02e+03	0.18	0.958	0.951	102	78.1
Exponential	0.00282*exp(0.0555*(x-1778))	0.0555	0.882	0.87	171	143
Linear	intercept=-1.46e+05, slope=73	73	0.946	0.941	116	94.6

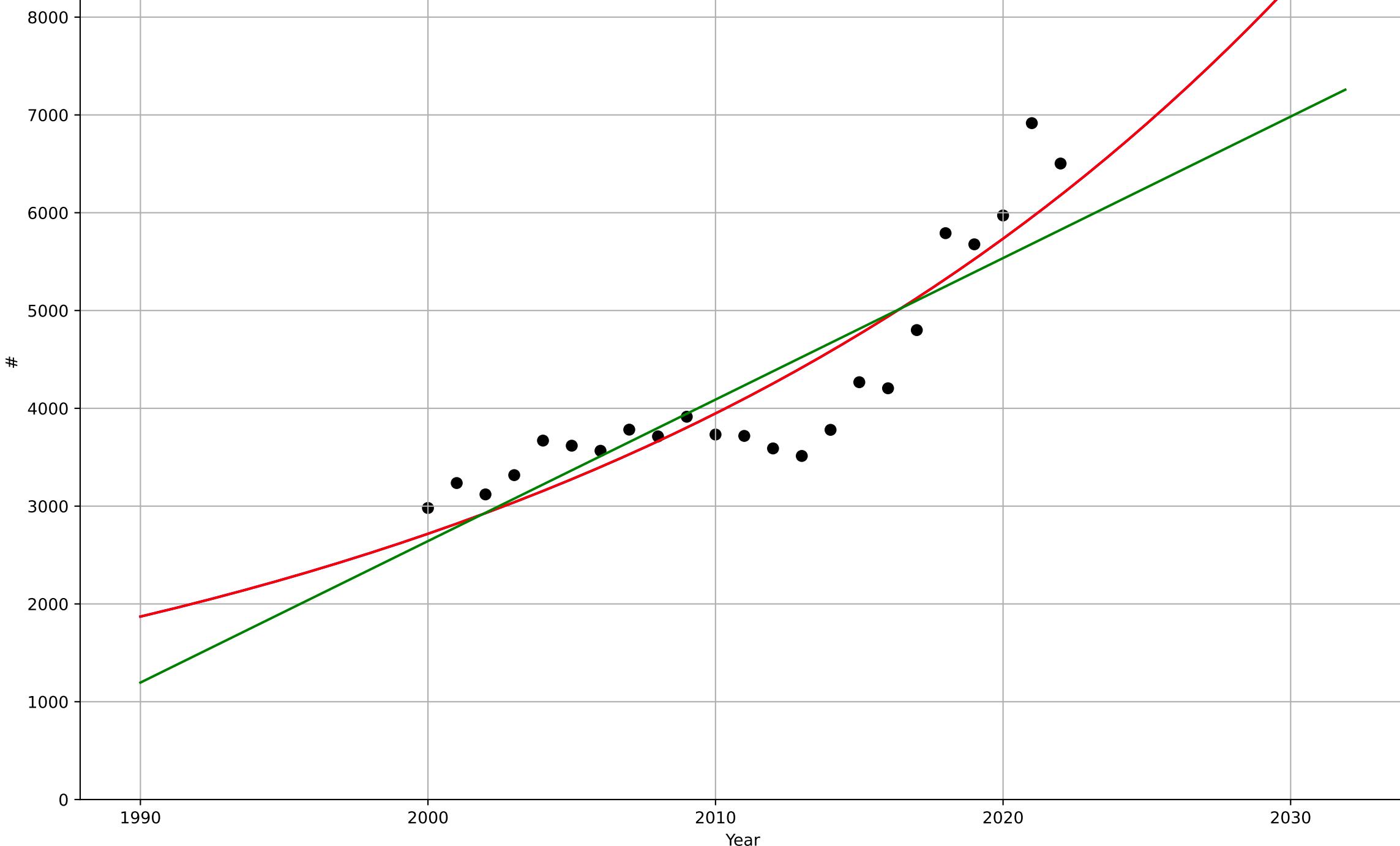
org\_can\_2.5Var\_d161\_m001



organic food consumption  
 Canada  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2314, D_t=118, K=3.33e+08$	0.0373	0.817	0.788	473	402
Exponential	$0.507 \cdot \exp(0.0373 \cdot (x-1770))$	0.0373	0.817	0.799	473	402
Linear	intercept=-2.87e+05, slope=145	145	0.751	0.726	553	459

org\_can\_2.5Var\_d162\_m001



organic food consumption

Canada

4.5 Physical Infrastructure dependence

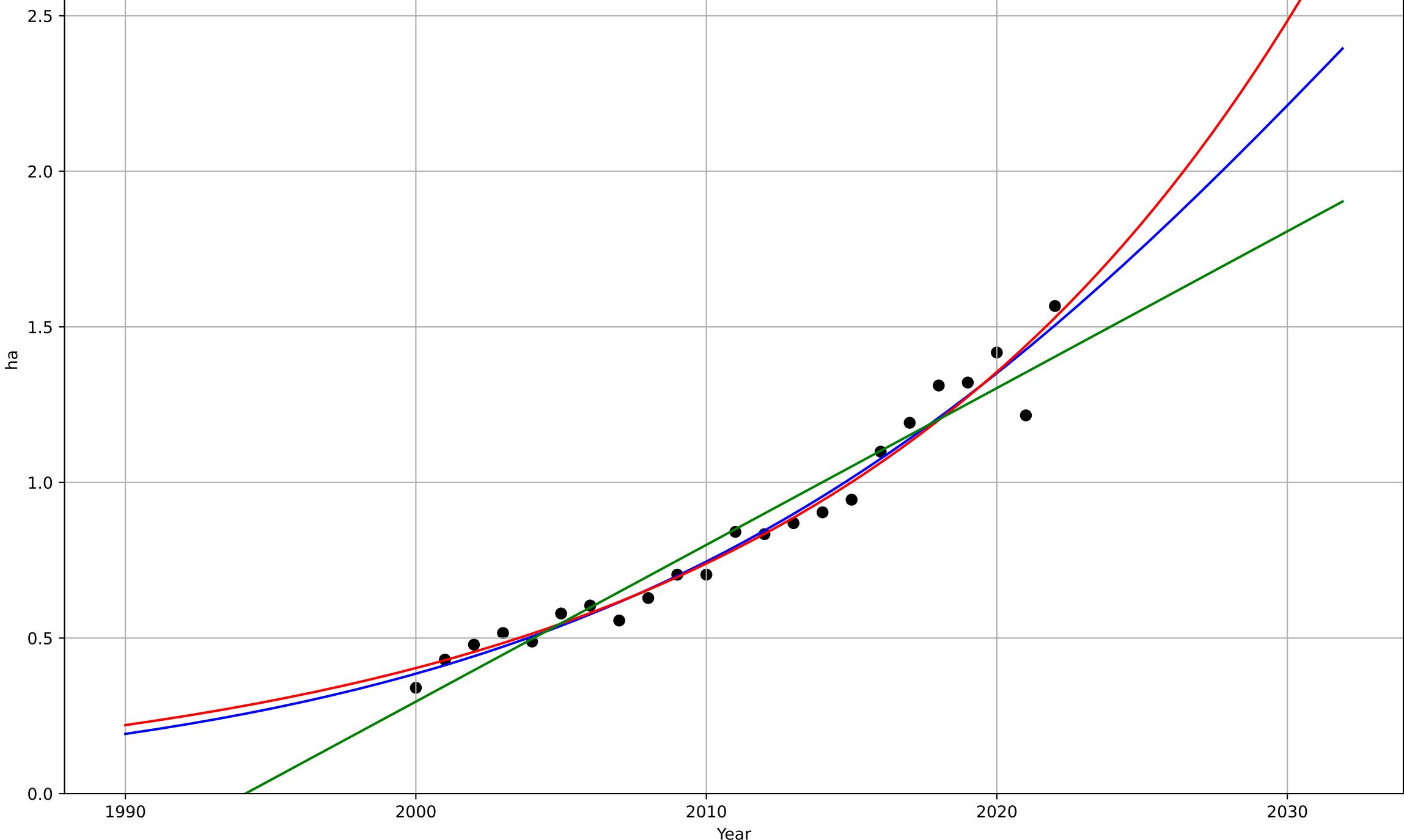
Organic area (farmland) [ha]

ha

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2035, D_t=59.7, K=5.34e+06$	0.0736	0.966	0.96	6.38e+04	4.91e+04
Exponential	$0.00453 \cdot \exp(0.0606 \cdot (x-1698))$	0.0606	0.965	0.961	6.48e+04	4.7e+04
Linear	intercept=-1e+08, slope=5.04e+04	5.04e+04	0.943	0.937	8.21e+04	7.07e+04

org\_can\_4.5Inf\_d157\_m130



organic food consumption

Canada

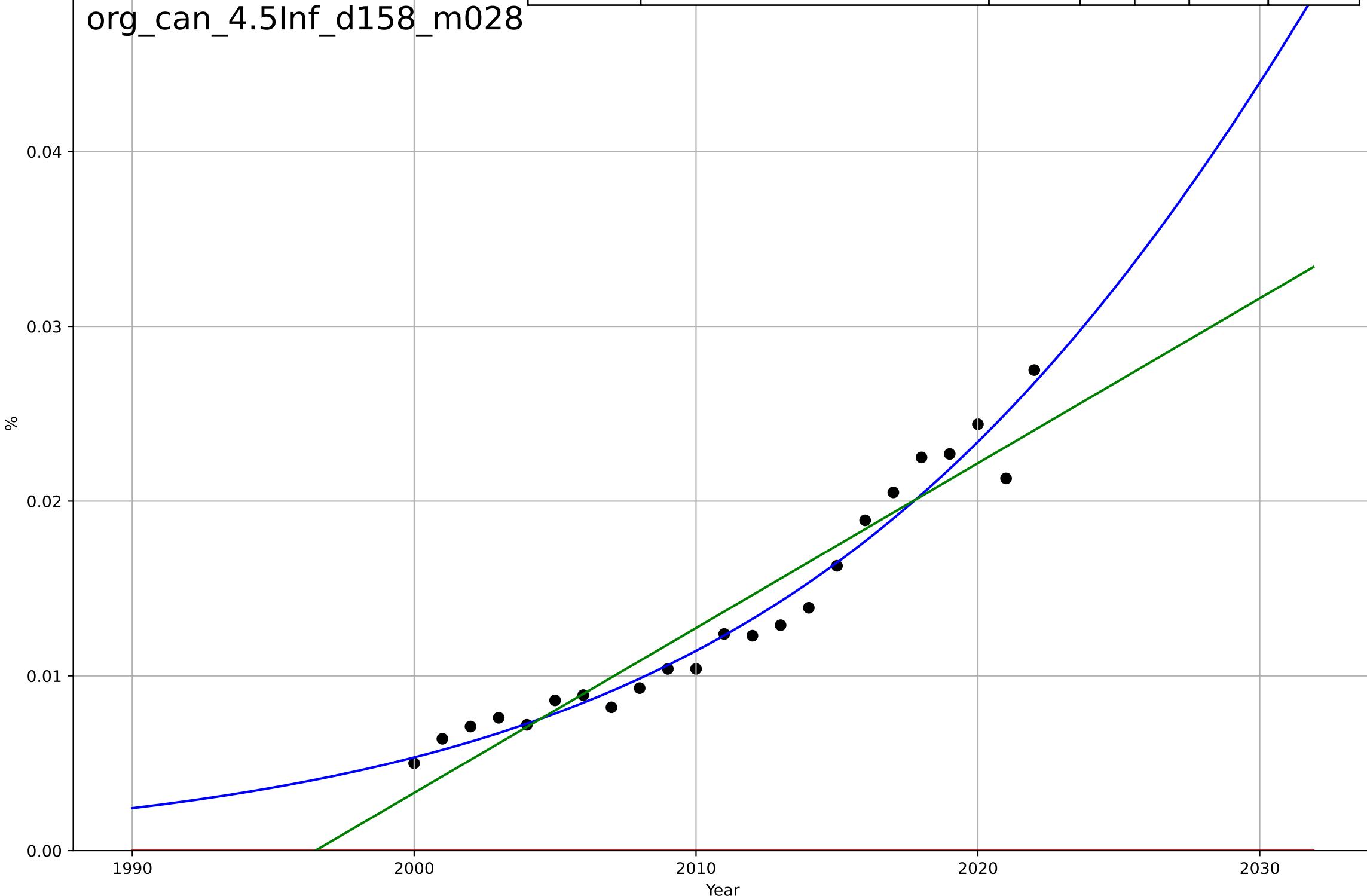
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2041, Dt=54.6, K=0.152	0.0805	0.965	0.959	0.00122	0.000951
Exponential	1.56e+03*exp(0.00109*(x-157473))	0.00109	-4.4	-4.94	0.0152	0.0137
Linear	intercept=-1.88, slope=0.000943	0.000943	0.921	0.913	0.00184	0.00165

org\_can\_4.5Inf\_d158\_m028



organic food consumption

Denmark

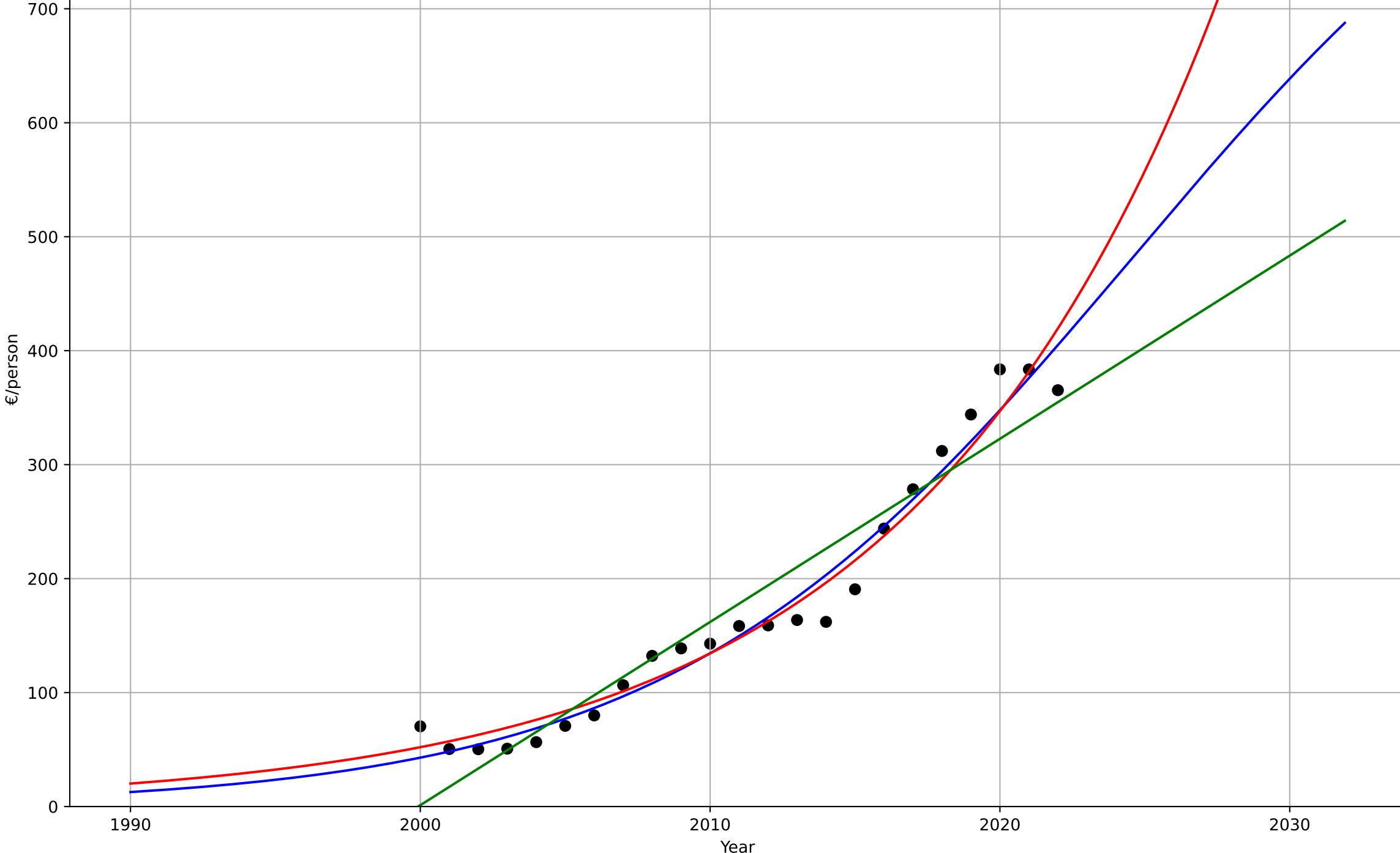
1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2025, Dt=35.2, K=963	0.125	0.967	0.962	20.2	16.3
Exponential	0.0287*exp(0.0949*(x-1921))	0.0949	0.963	0.959	21.5	17.9
Linear	intercept=-3.21e+04, slope=16.1	16.1	0.911	0.902	33.4	26.3

org\_den\_1.1Ado\_d160\_m152



organic food consumption

Denmark

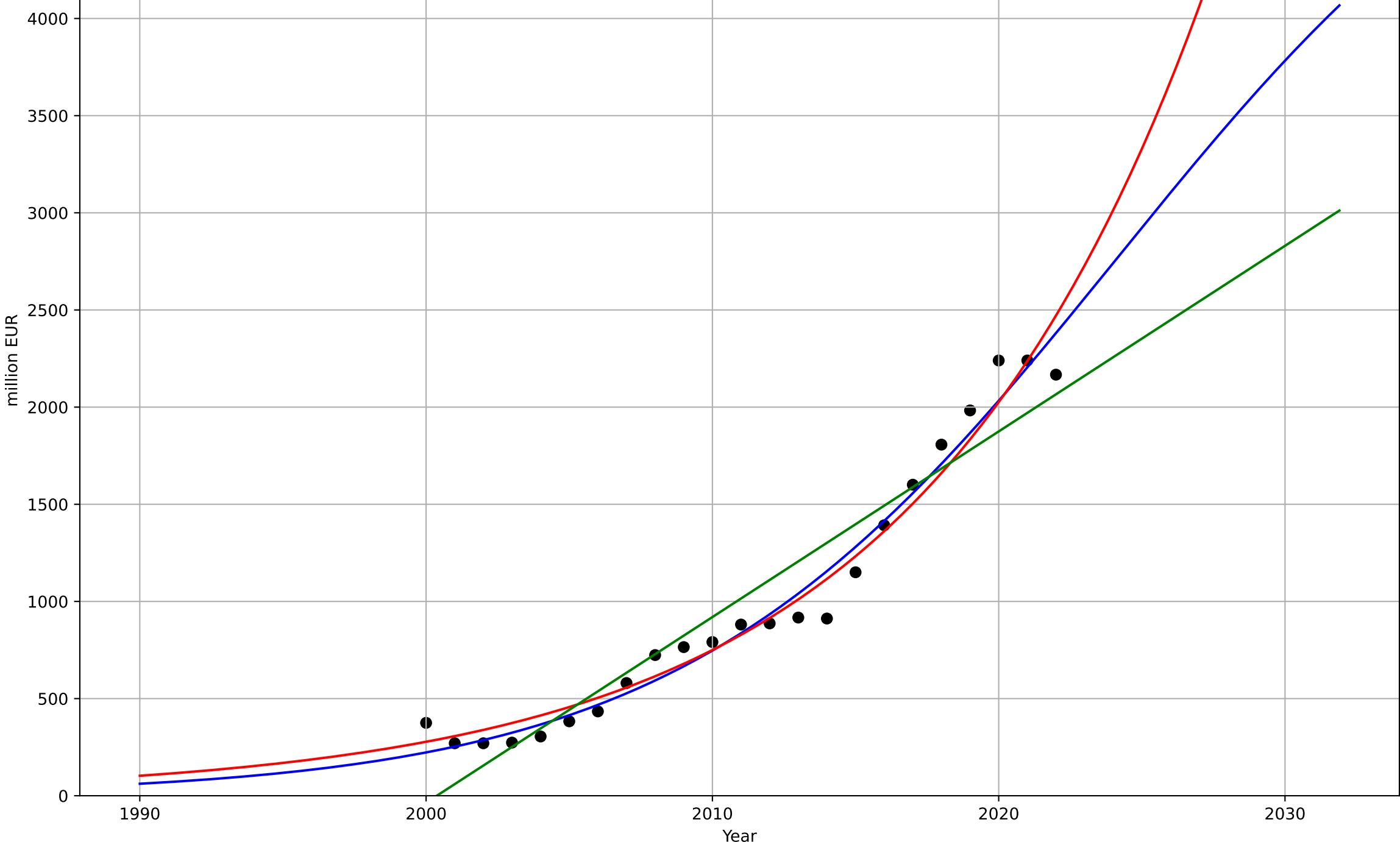
1.1 Adoption over time

Organic retail sales market size [million]

million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2024, D_t=33.5, K=5.54e+03$	0.131	0.973	0.969	109	87.7
Exponential	$0.00245 \cdot \exp(0.0994 \cdot (x-1883))$	0.0994	0.968	0.965	118	96.5
Linear	intercept=-1.91e+05, slope=95.5	95.5	0.91	0.901	199	159

org\_den\_1.1Ado\_d163\_m140



organic food consumption

Denmark

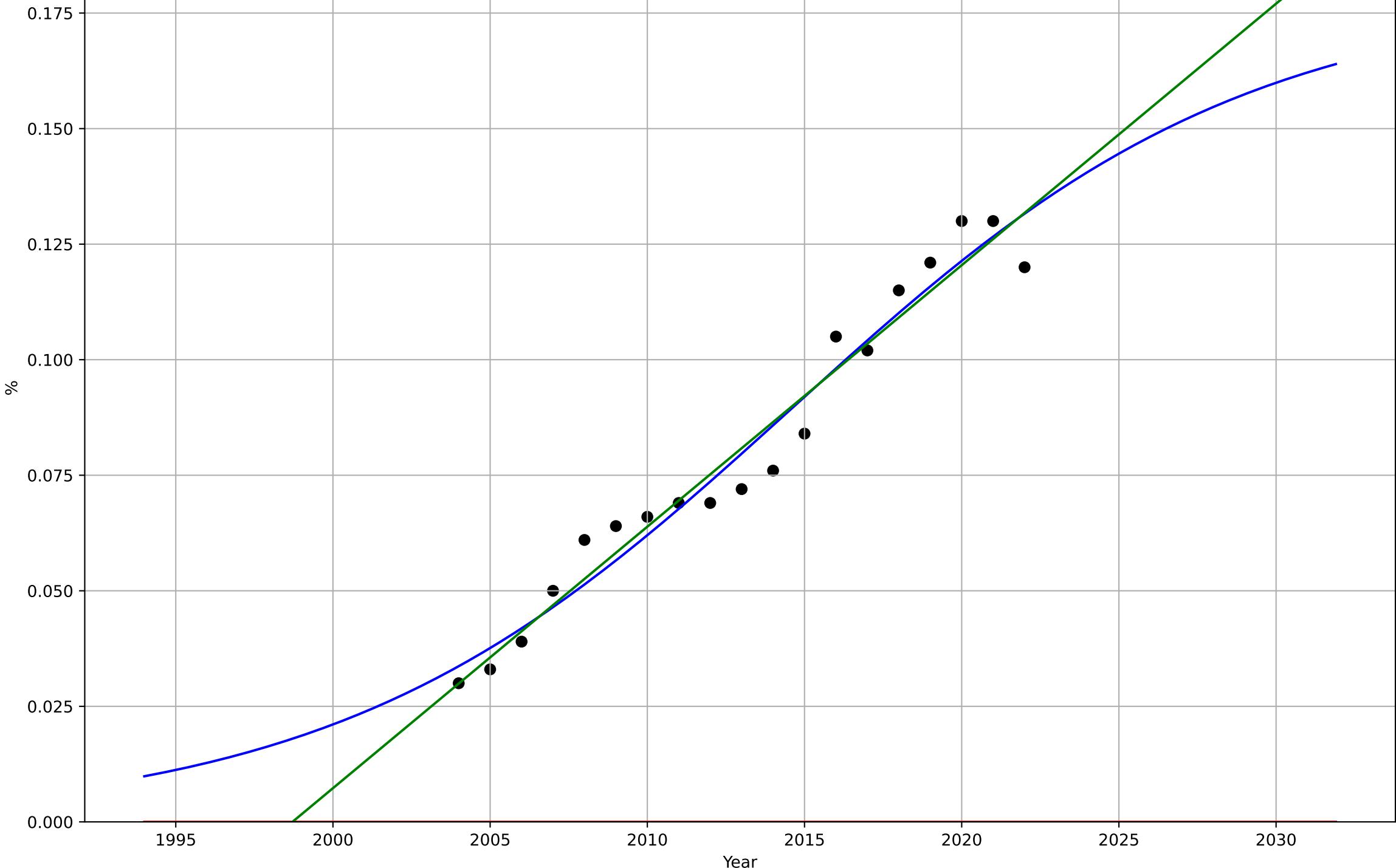
1.1 Adoption over time

Organic retail sales share [%]

%

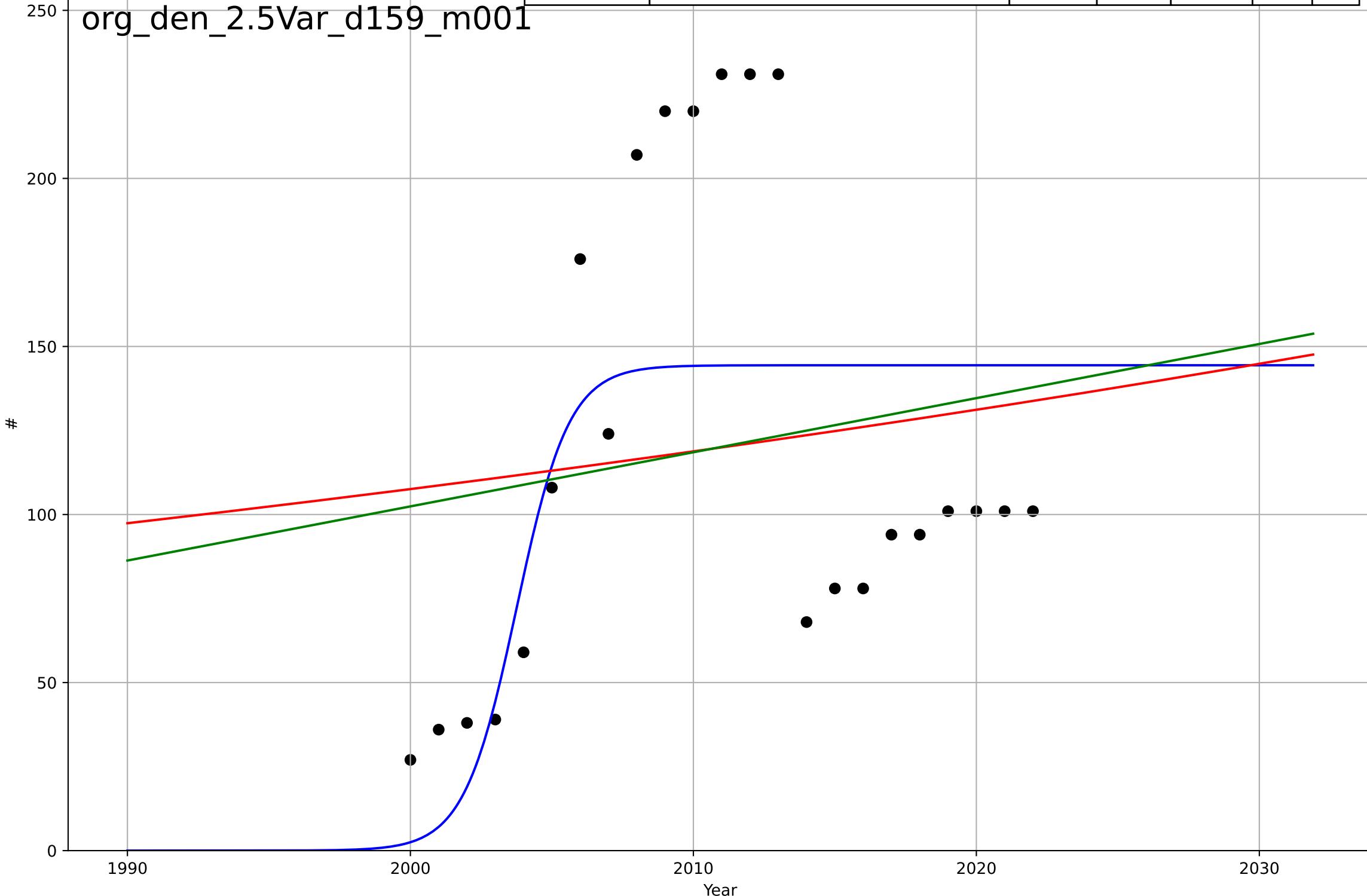
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2015, Dt=31.9, K=0.179	0.138	0.959	0.951	0.00642	0.00578
Exponential	1.56e+03*exp(0.00152*(x-157487))	0.00152	-6.52	-7.46	0.0868	0.0808
Linear	intercept=-11.3, slope=0.00566	0.00566	0.958	0.953	0.00647	0.0055

org\_den\_1.1Ado\_d164\_m028



organic food consumption  
 Denmark  
 2.5 Variety (Choice Availability)  
 Organic importers  
 #

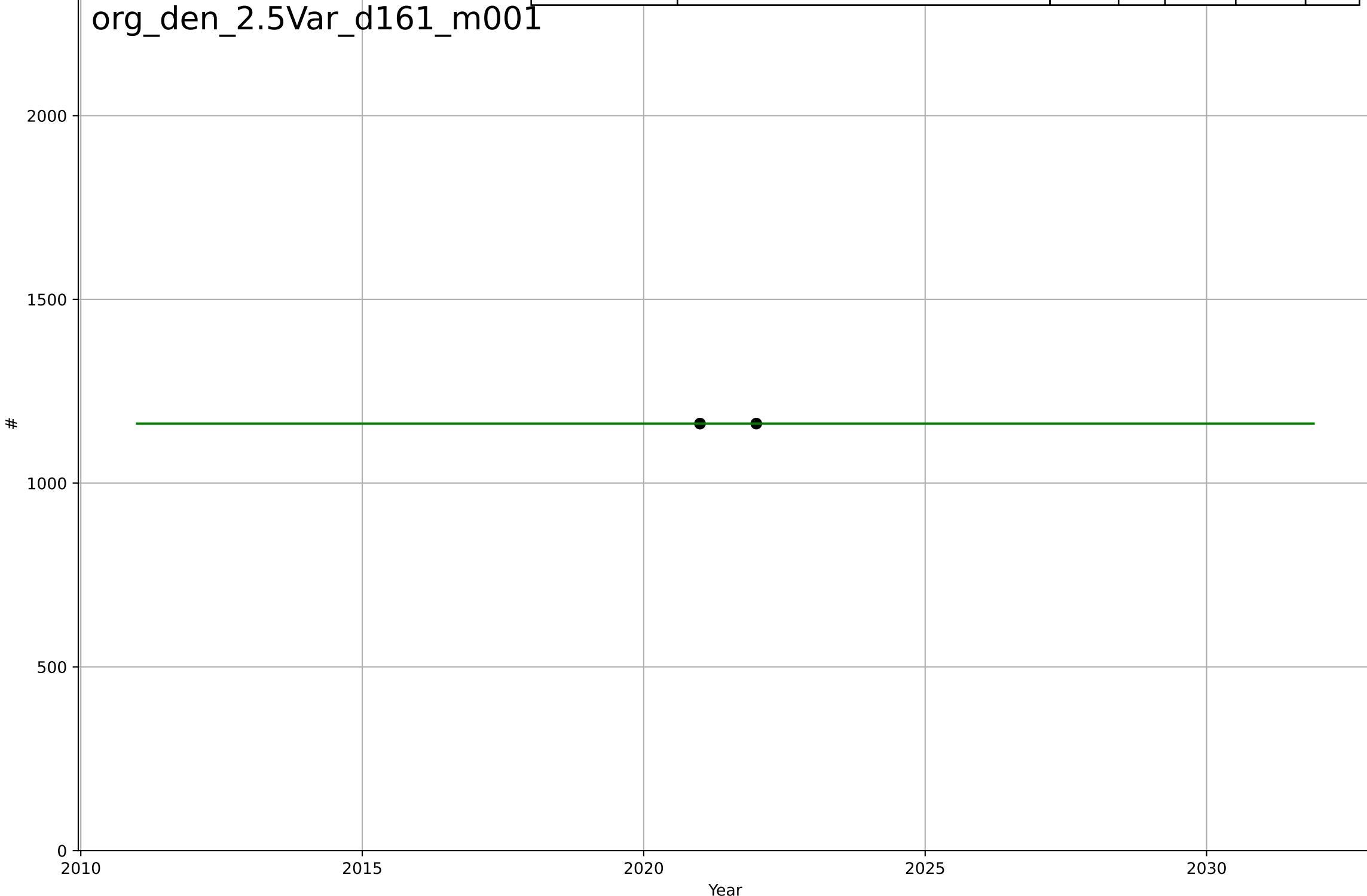
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2004, Dt=4.08, K=144	1.08	0.362	0.261	55.1	49
Exponential	5.92*exp(0.00992*(x-1708))	0.00992	0.0177	-0.0805	68.4	60.5
Linear	intercept=-3.12e+03, slope=1.61	1.61	0.024	-0.0736	68.2	60.7



organic food consumption  
Denmark  
2.5 Variety (Choice Availability)  
Organic processors  
#

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=nan, Dt=nan, K=nan	nan	nan	nan	nan	nan
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=1.16e+03, slope=0	0	nan	nan	0	0

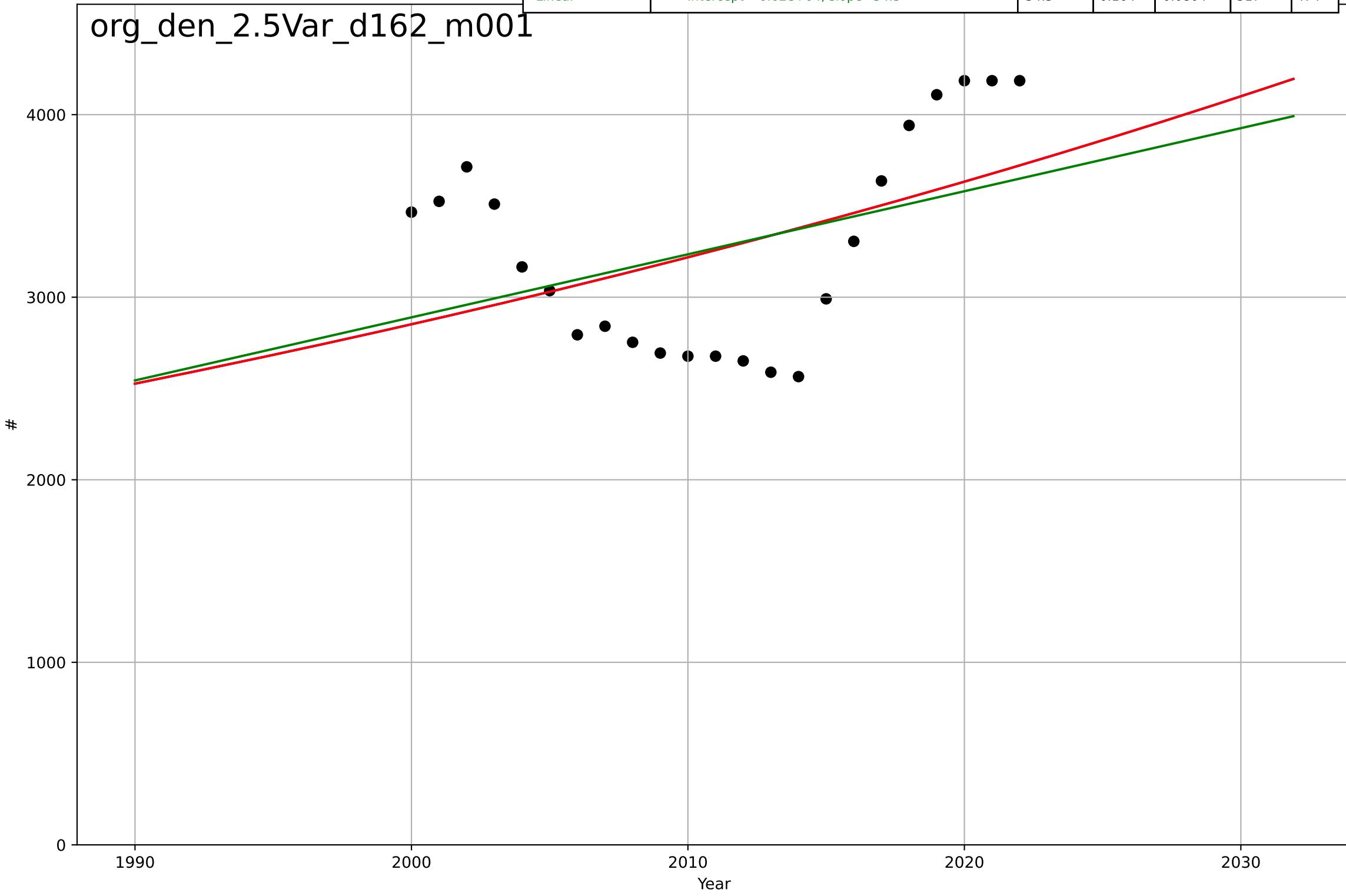
org\_den\_2.5Var\_d161\_m001



organic food consumption  
 Denmark  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2778, D_t=363, K=3.51e+07$	0.0121	0.188	0.0596	510	464
Exponential	$18.8 \cdot \exp(0.0121 \cdot (x - 1585))$	0.0121	0.188	0.107	510	464
Linear	intercept=-6.62e+04, slope=34.5	34.5	0.164	0.0804	517	474

org\_den\_2.5Var\_d162\_m001



organic food consumption

Denmark

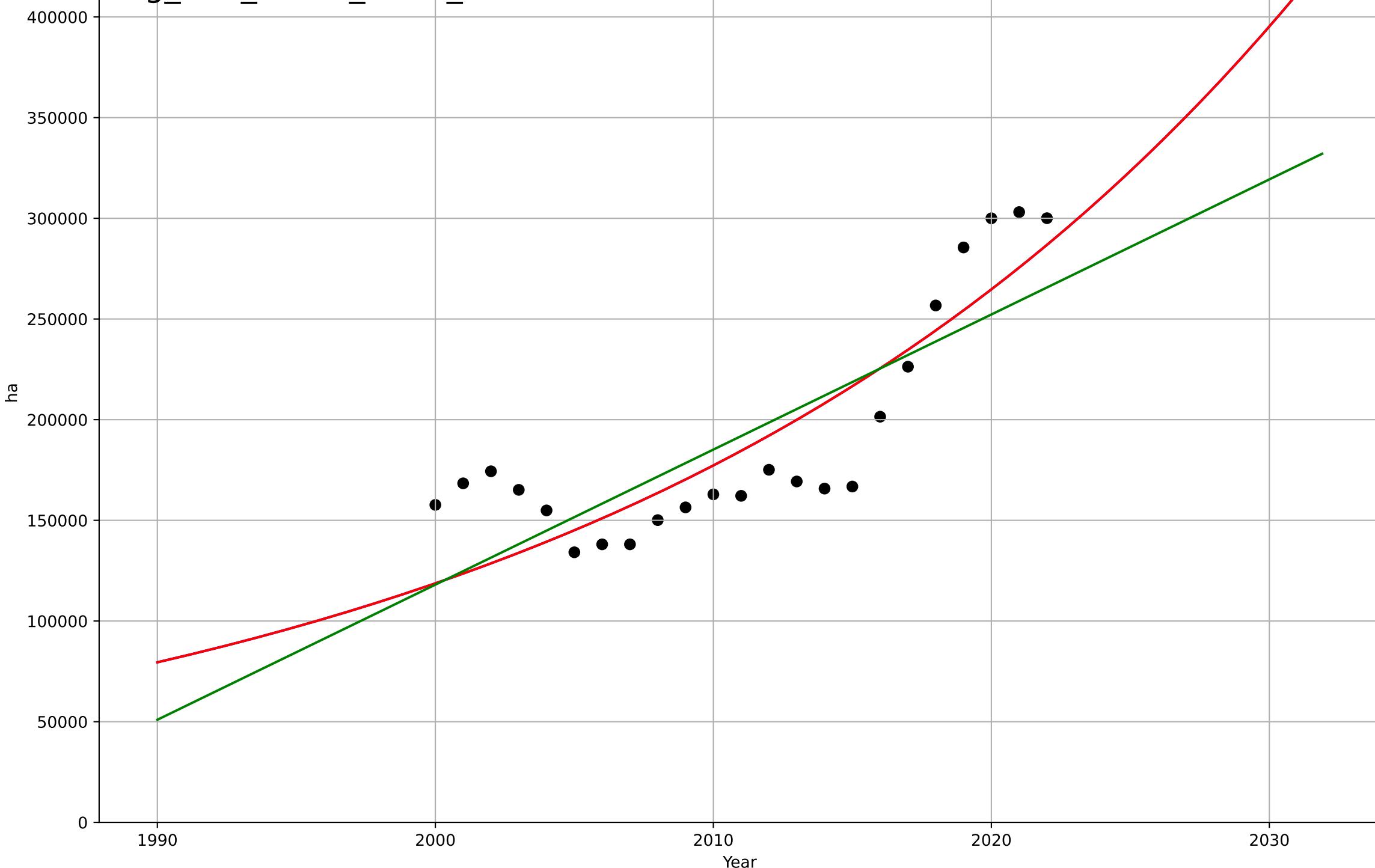
4.5 Physical Infrastructure dependence

Organic area (farmland) [ha]

ha

org\_den\_4.5Inf\_d157\_m130

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2299, Dt=110, K=1.93e+10	0.0401	0.743	0.702	2.8e+04	2.5e+04
Exponential	0.207*exp(0.0401*(x-1669))	0.0401	0.743	0.717	2.8e+04	2.5e+04
Linear	intercept=-1.33e+07, slope=6.71e+03	6.71e+03	0.65	0.615	3.26e+04	3.02e+04



organic food consumption

Denmark

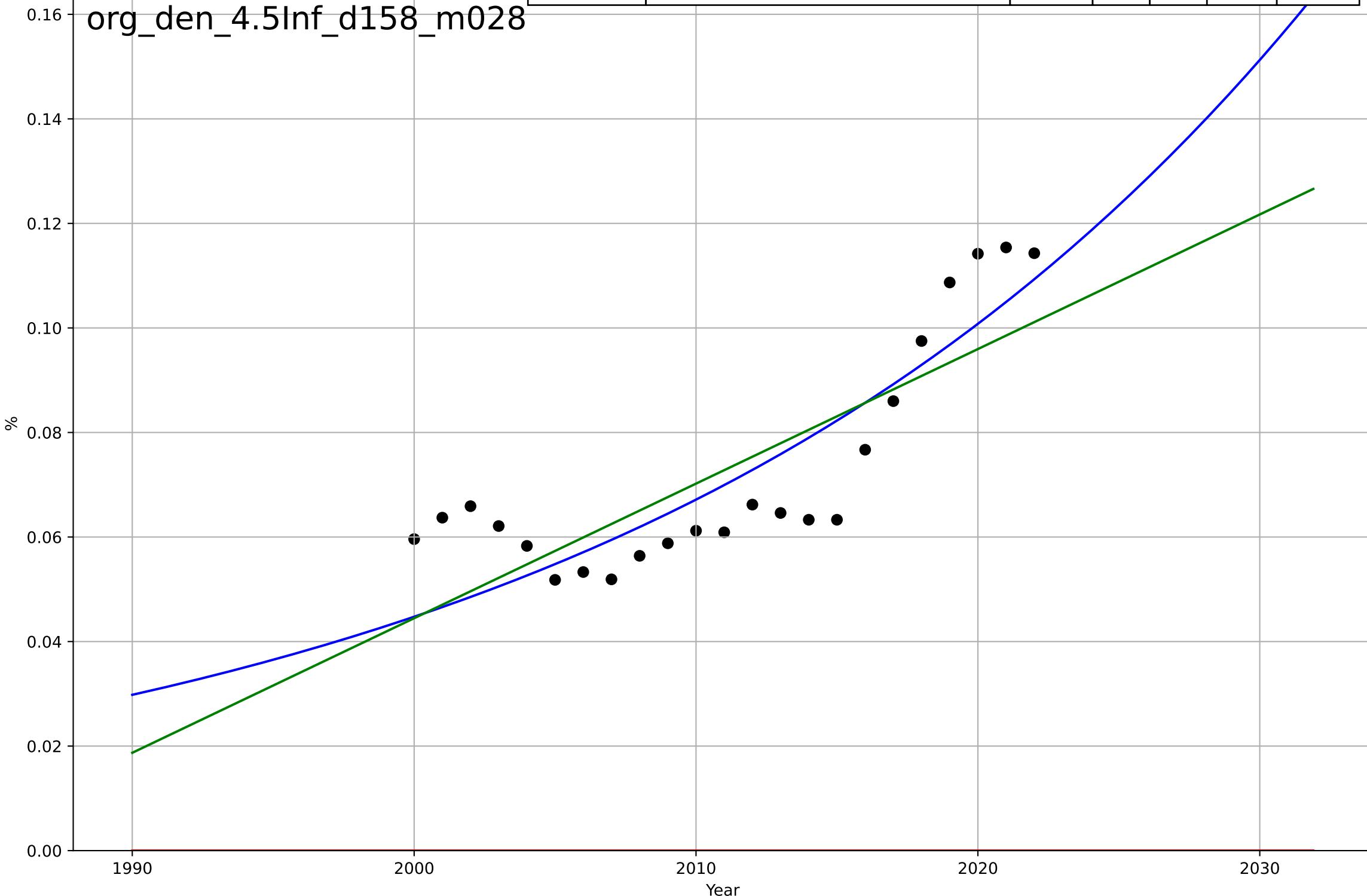
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2297, D_t=108, K=7.83e+03$	0.0406	0.748	0.708	0.0106	0.00944
Exponential	$1.56e+03 \cdot \exp(0.00124 \cdot (x-157474))$	0.00124	-11.9	-13.2	0.0758	0.0728
Linear	intercept=-5.11, slope=0.00257	0.00257	0.654	0.619	0.0124	0.0115

org\_den\_4.5Inf\_d158\_m028



## organic food consumption

Japan

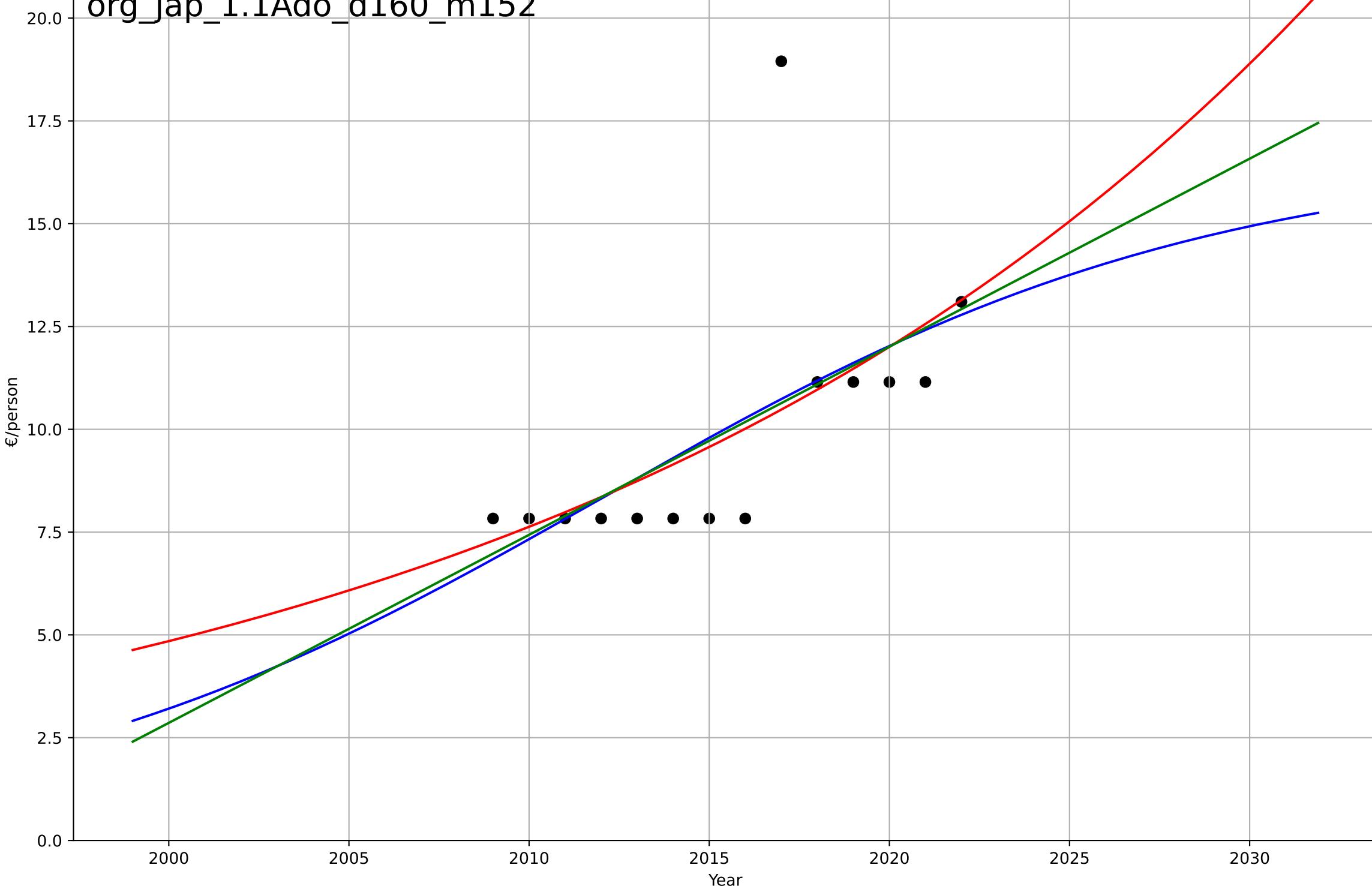
## 1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=36.9, K=16.7	0.119	0.362	0.171	2.46	1.43
Exponential	8.95*exp(0.0453*(x-2014))	0.0453	0.354	0.237	2.47	1.35
Linear	intercept=-912, slope=0.457	0.457	0.359	0.242	2.46	1.4

org\_jap\_1.1Ado\_d160\_m152



organic food consumption

Japan

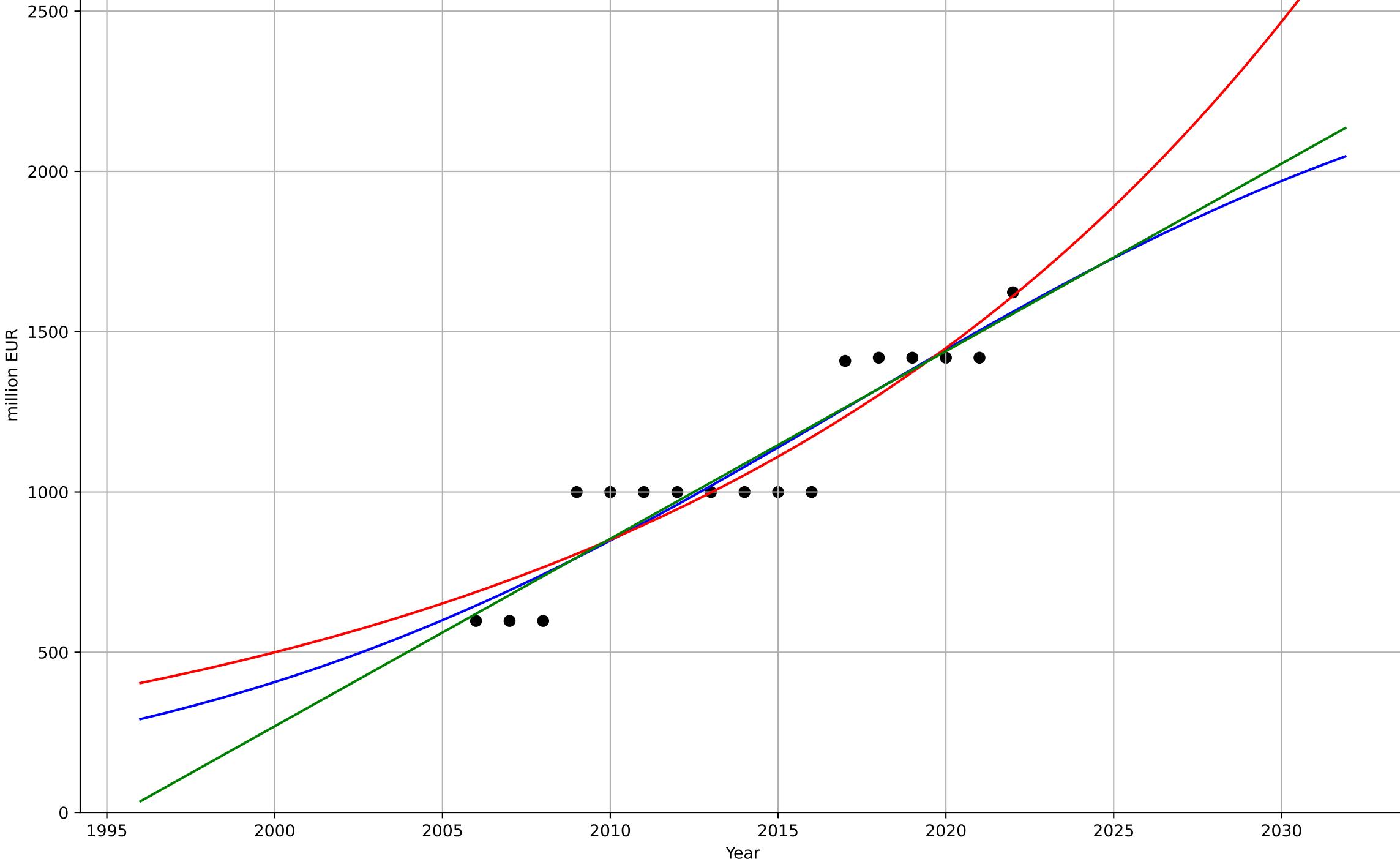
1.1 Adoption over time

Organic retail sales market size [million]

million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=45.5, K=2.54e+03$	0.0967	0.865	0.833	113	98.1
Exponential	$0.0788 \cdot \exp(0.0532 \cdot (x-1835))$	0.0532	0.858	0.838	116	100
Linear	intercept=-1.17e+05, slope=58.5	58.5	0.868	0.849	112	95.5

org\_jap\_1.1Ado\_d163\_m140



organic food consumption

Japan

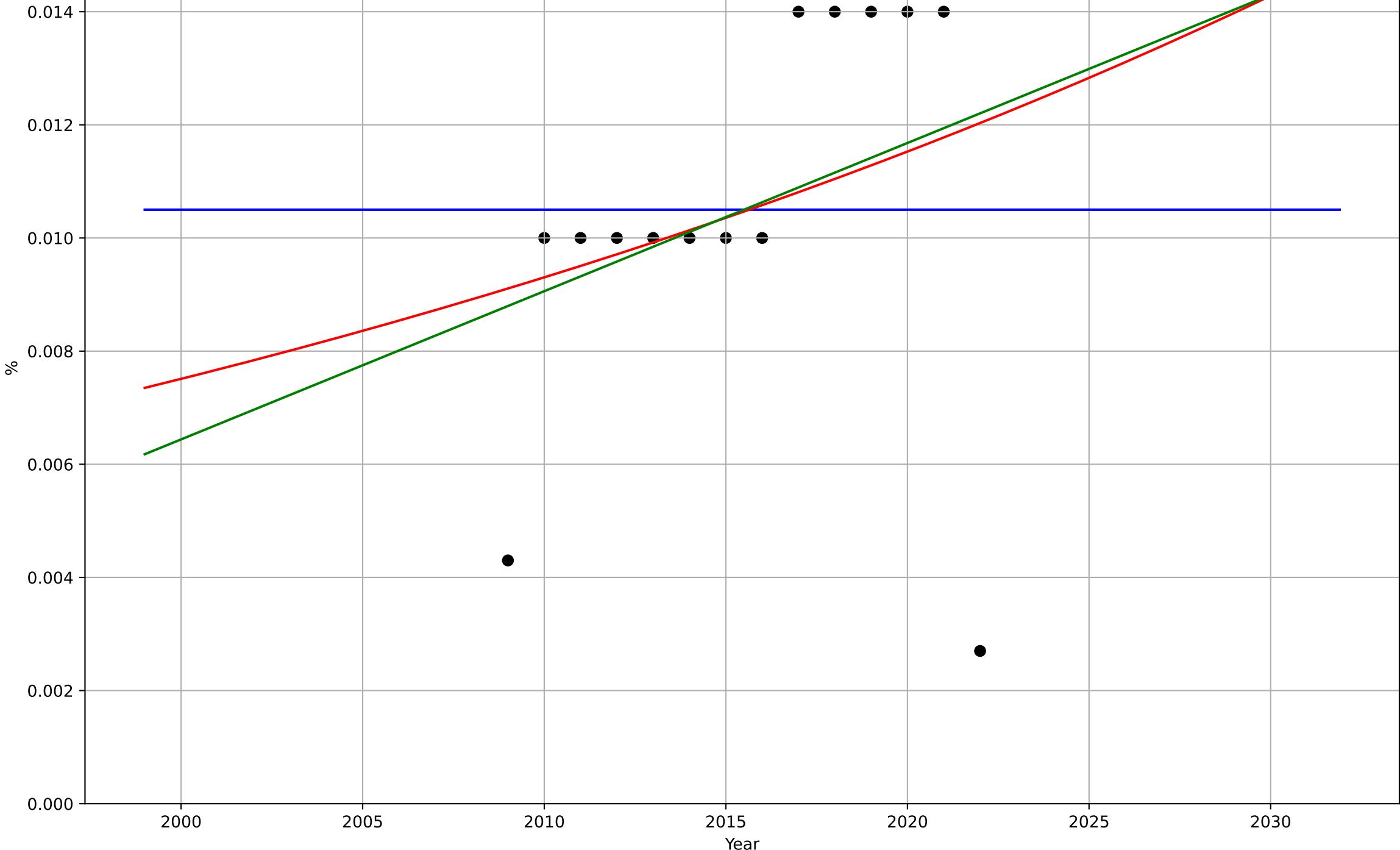
1.1 Adoption over time

Organic retail sales share [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2377, Dt=-68.4, K=0.0105	-0.0643	-3.11e-11	-0.3	0.0034	0.0025
Exponential	1.39e-13*exp(0.0214*(x-847))	0.0214	0.0828	-0.084	0.00326	0.00217
Linear	intercept=-0.518, slope=0.000262	0.000262	0.0962	-0.0681	0.00324	0.00216

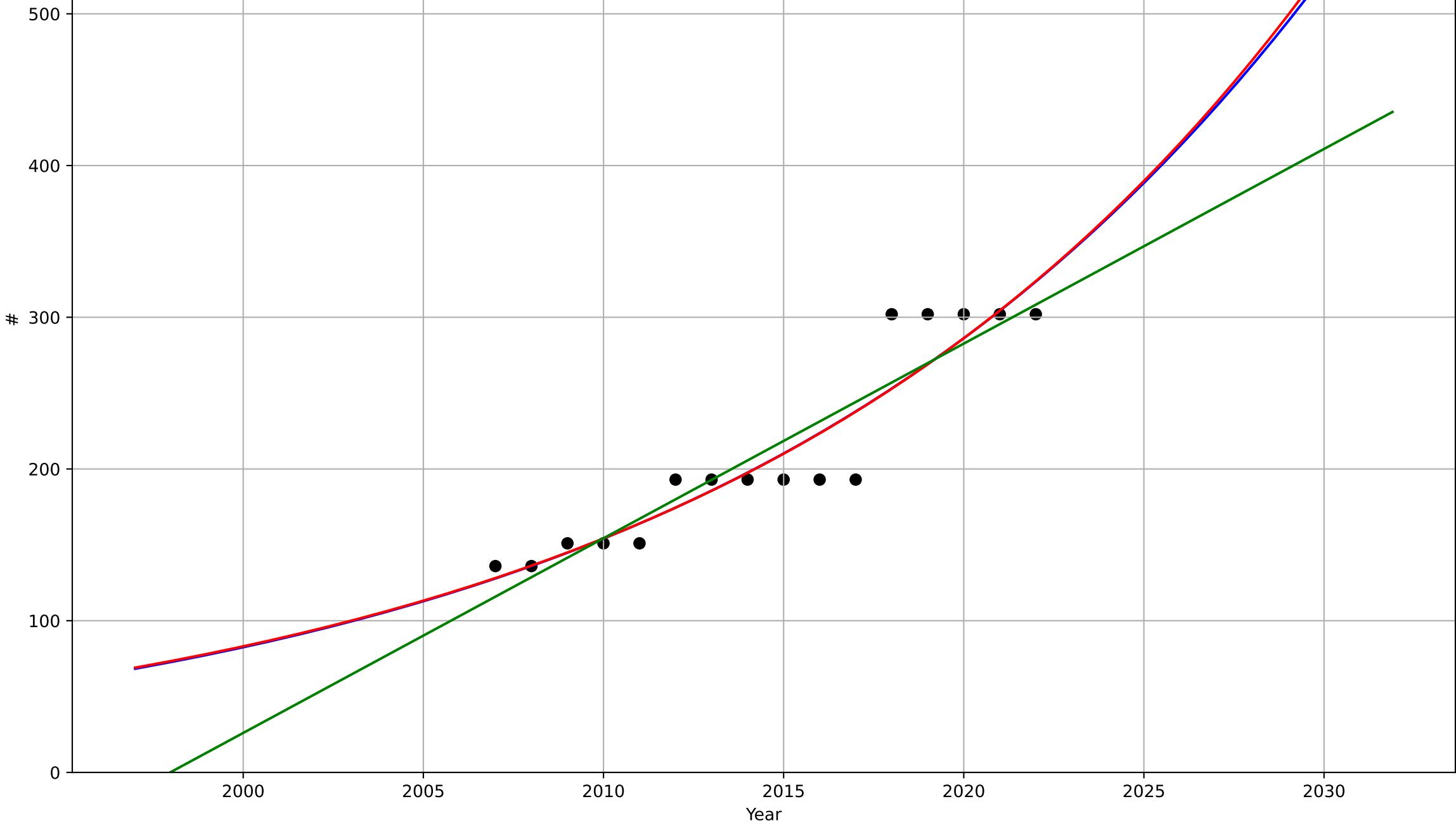
org\_jap\_1.1Ado\_d164\_m028



organic food consumption  
 Japan  
 2.5 Variety (Choice Availability)  
 Organic importers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2077, Dt=69.6, K=1.05e+04	0.0632	0.875	0.844	22.6	17.2
Exponential	0.142*exp(0.0618*(x-1897))	0.0618	0.875	0.856	22.6	17.2
Linear	intercept=-2.56e+04, slope=12.8	12.8	0.856	0.834	24.2	19.2

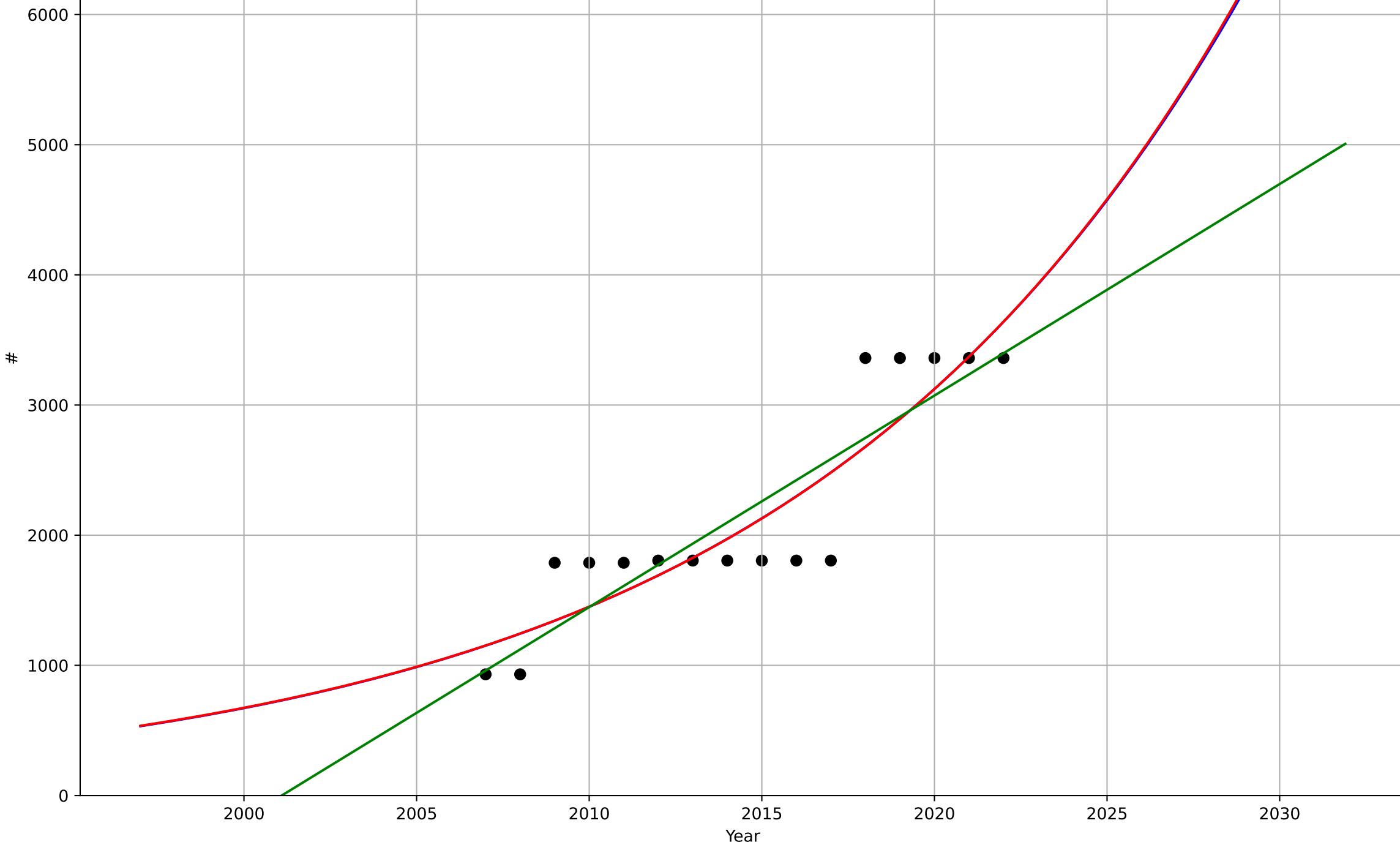
org\_jap\_2.5Var\_d159\_m001



organic food consumption  
 Japan  
 2.5 Variety (Choice Availability)  
 Organic processors  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2080, D_t=56.9, K=3.32e+05$	0.0772	0.809	0.762	369	313
Exponential	$0.00228 \cdot \exp(0.0767 \cdot (x-1836))$	0.0767	0.809	0.78	369	313
Linear	intercept=-3.25e+05, slope=163	163	0.788	0.755	389	317

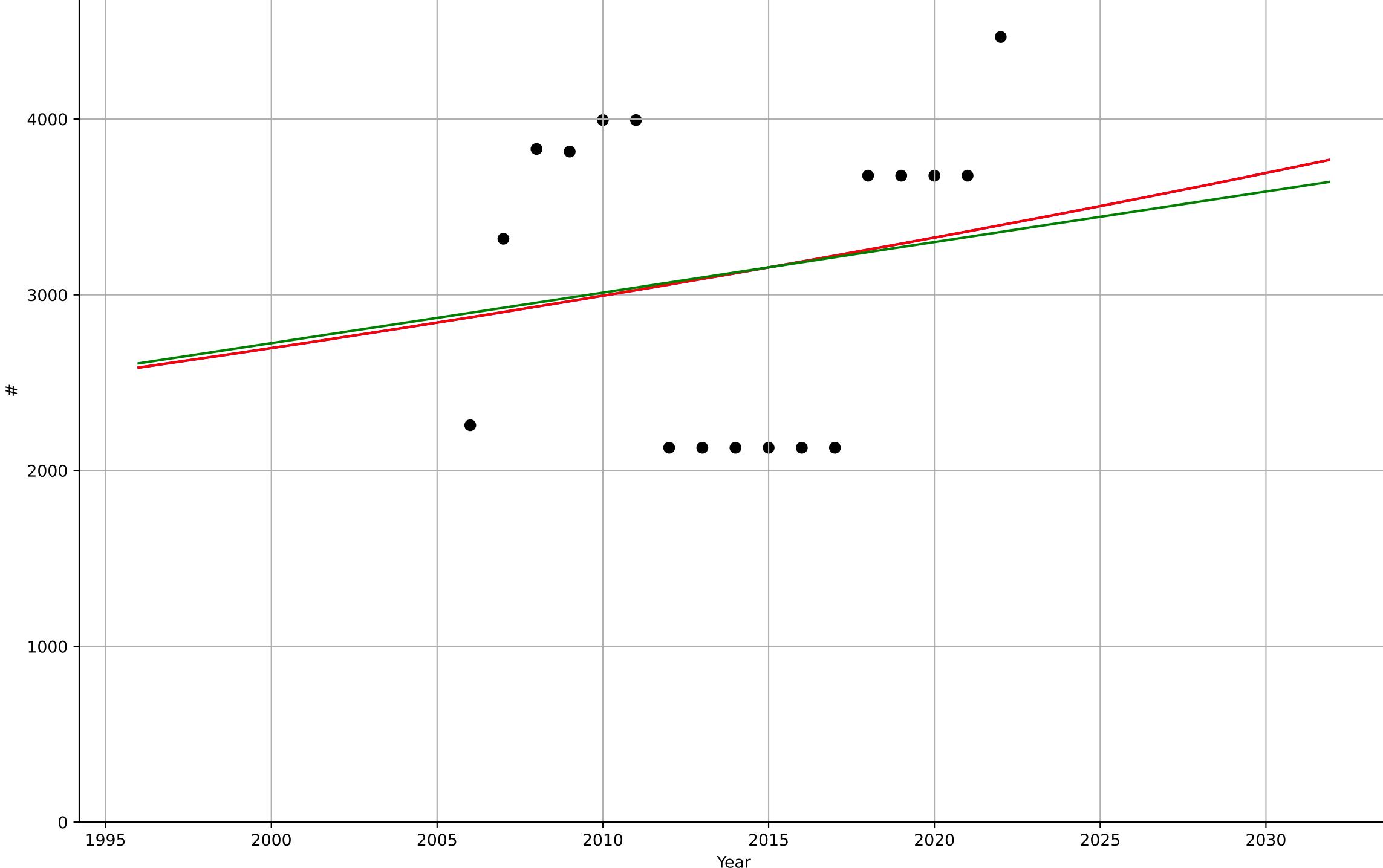
org\_jap\_2.5Var\_d161\_m001



organic food consumption  
 Japan  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2706, D_t=419, K=4.42e+06$	0.0105	0.0314	-0.192	835	786
Exponential	$28.6 \cdot \exp(0.0105 \cdot (x-1566))$	0.0105	0.0314	-0.107	835	786
Linear	intercept=-5.48e+04, slope=28.8	28.8	0.0276	-0.111	837	790

org\_jap\_2.5Var\_d162\_m001



organic food consumption

Japan

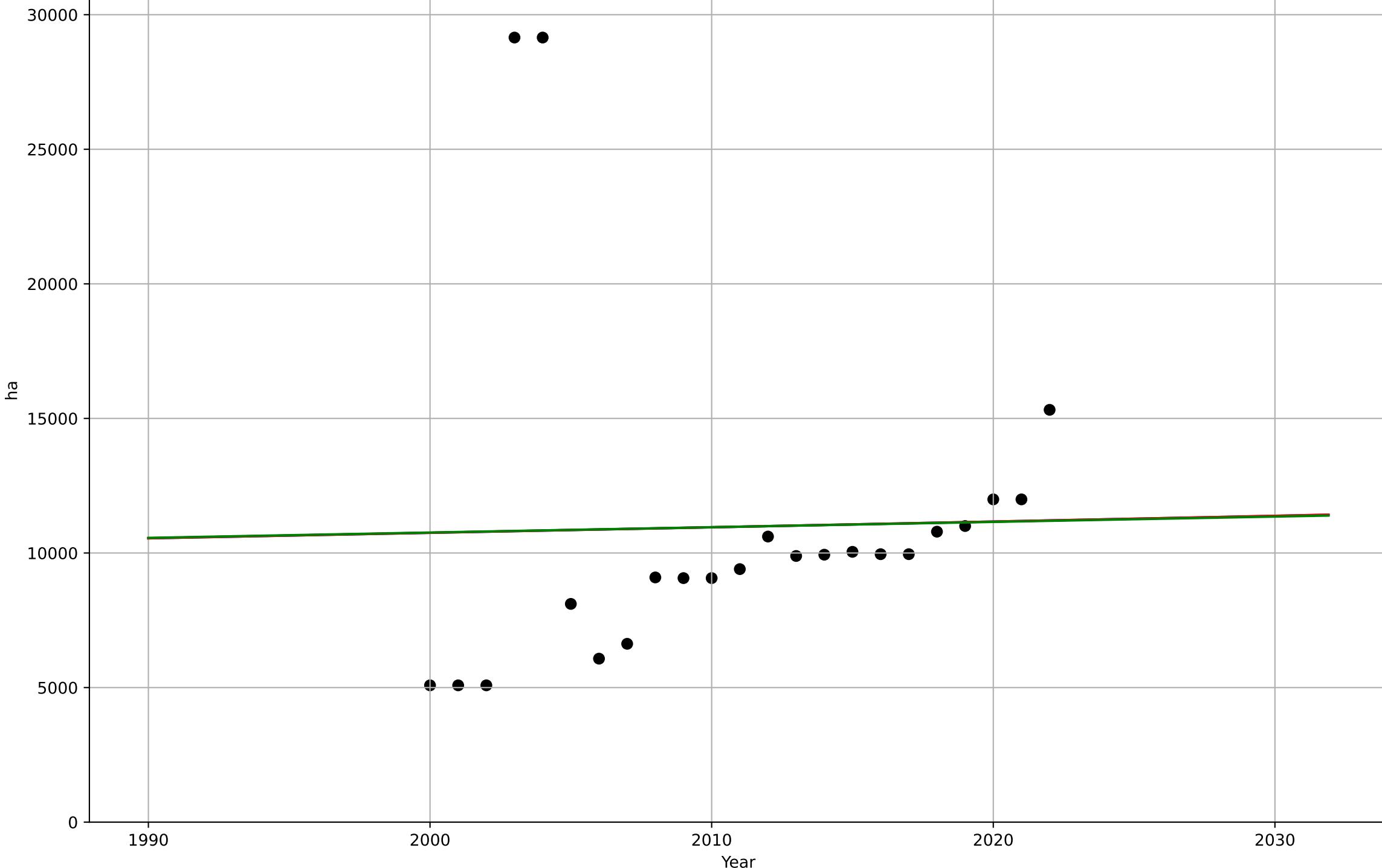
4.5 Physical Infrastructure dependence

Organic area (farmland) [ha]

ha

org\_jap\_4.5Inf\_d157\_m130

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=3470, Dt=2.2e+03, K=2.14e+05$	0.002	0.000487	-0.157	6.1e+03	3.69e+03
Exponential	$460*\exp(0.0019*(x-344))$	0.0019	0.000489	-0.0995	6.1e+03	3.69e+03
Linear	intercept=-2.89e+04, slope=19.8	19.8	0.000464	-0.0995	6.1e+03	3.69e+03



organic food consumption

Japan

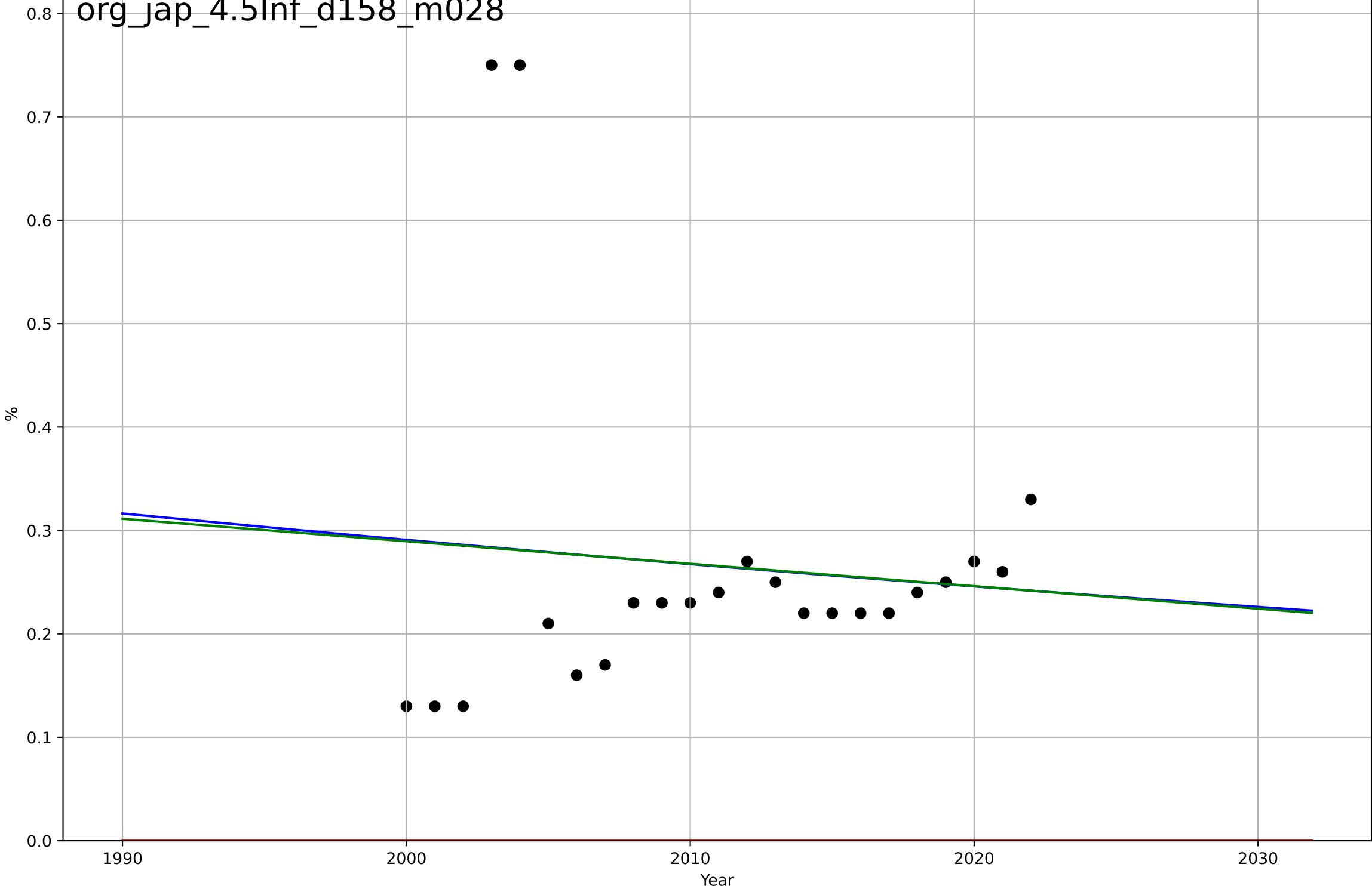
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

org\_jap\_4.5Inf\_d158\_m028

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1427, Dt=-519, K=37.5	-0.00847	0.00869	-0.148	0.156	0.0932
Exponential	1.56e+03*exp(0.000771*(x-157451))	0.000771	-2.87	-3.25	0.309	0.266
Linear	intercept=4.64, slope=-0.00217	-0.00217	0.00845	-0.0907	0.156	0.0933



organic food consumption

Switzerland

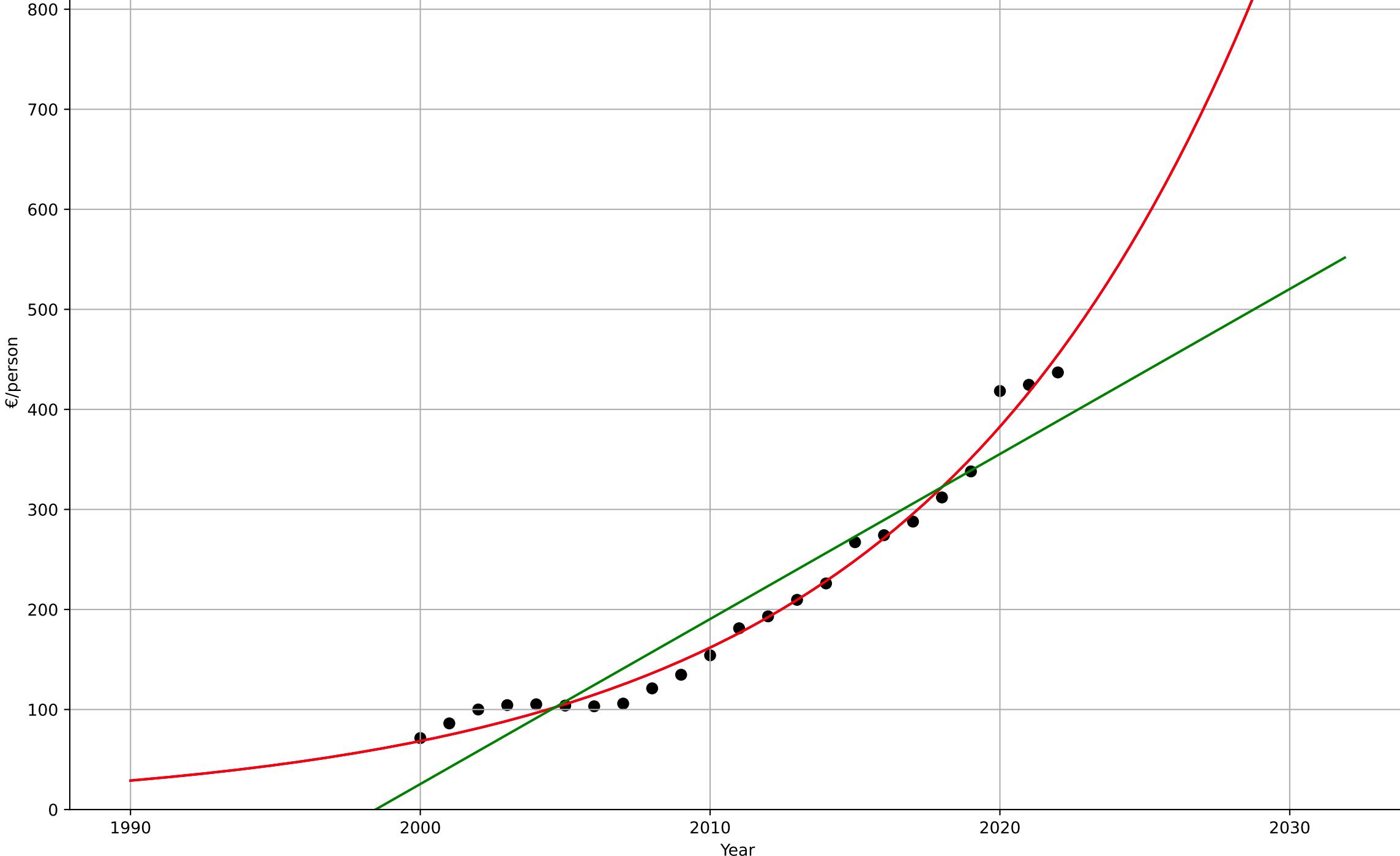
1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2134, D_t=51.1, K=6.83e+06$	0.086	0.986	0.984	13.4	10.8
Exponential	$0.041 \cdot \exp(0.086 \cdot (x-1914))$	0.086	0.986	0.985	13.4	10.8
Linear	intercept=-3.3e+04, slope=16.5	16.5	0.914	0.905	33.6	29.5

org\_swi\_1.1Ado\_d160\_m152



## organic food consumption

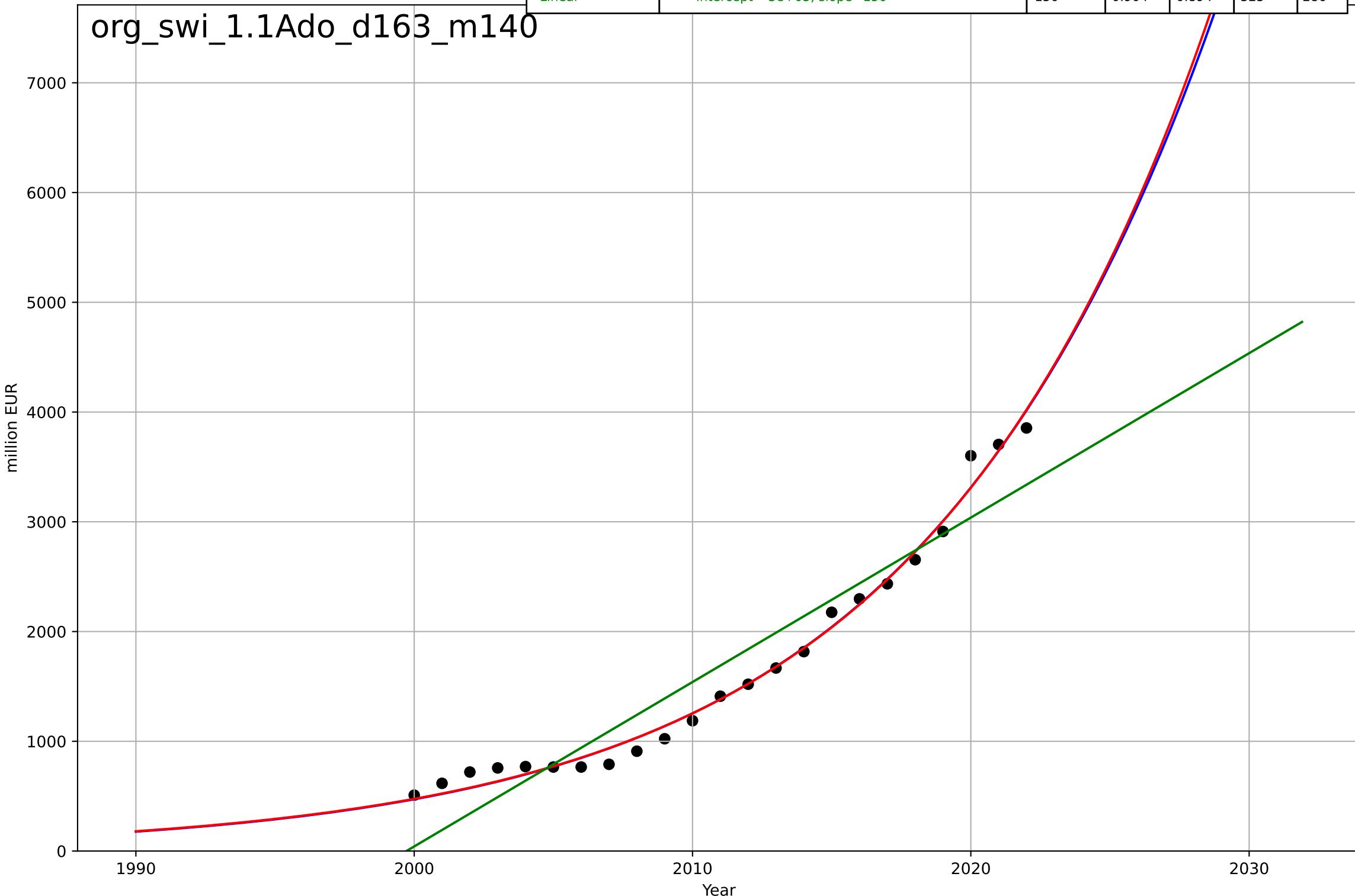
## Switzerland

## 1.1 Adoption over time

## Organic retail sales market size [million]

million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2061, Dt=44.7, K=1.81e+05	0.0982	0.989	0.988	108	86.8
Exponential	0.000445*exp(0.0971*(x-1857))	0.0971	0.989	0.988	108	86.4
Linear	intercept=-3e+05, slope=150	150	0.904	0.894	325	286



organic food consumption

Switzerland

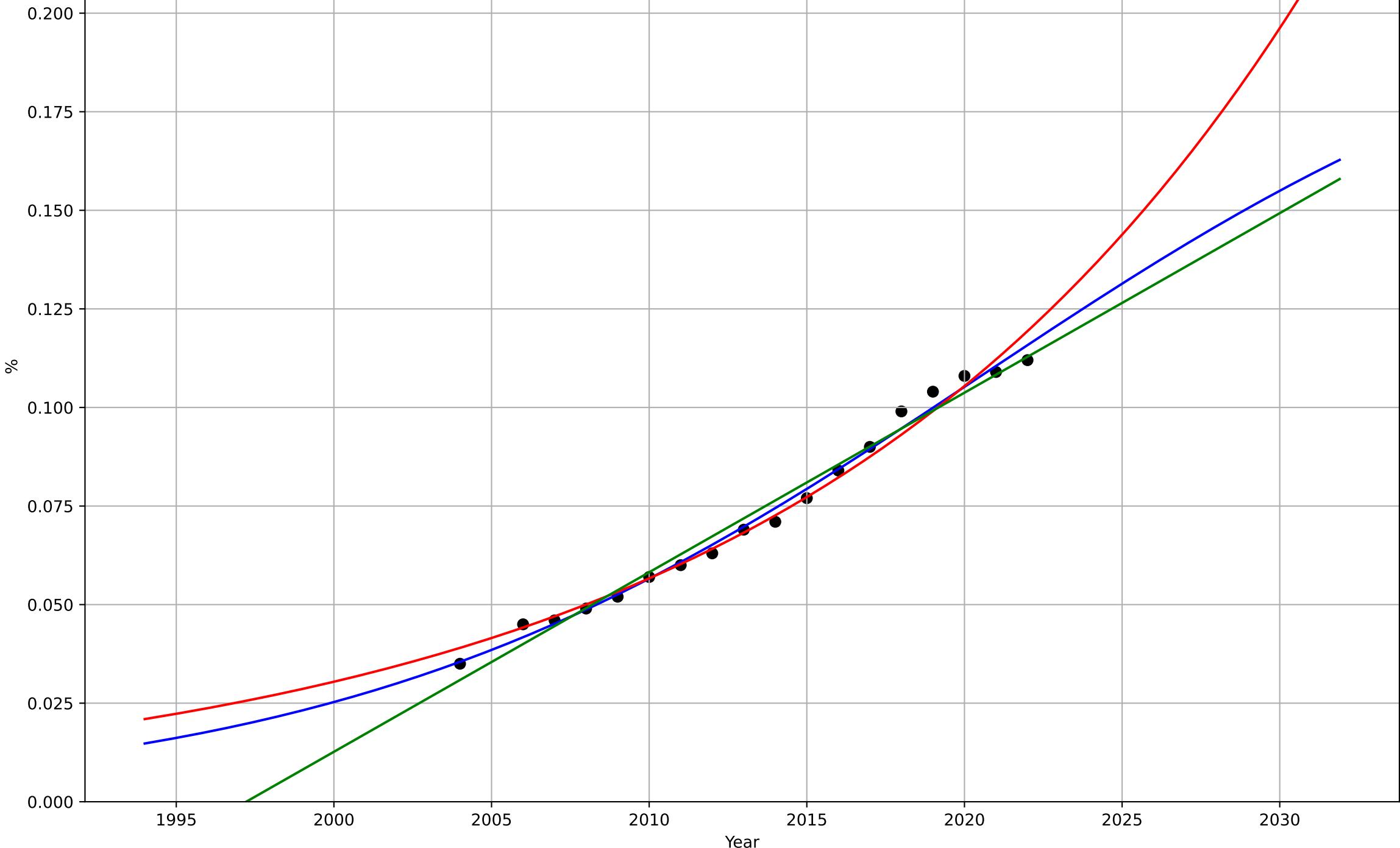
1.1 Adoption over time

Organic retail sales share [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=44.6, K=0.216$	0.0985	0.991	0.989	0.00232	0.00182
Exponential	$6.51 \cdot \exp(0.0621 \cdot (x-2086))$	0.0621	0.984	0.982	0.00302	0.00226
Linear	intercept=-9.09, slope=0.00455	0.00455	0.982	0.98	0.00326	0.00275

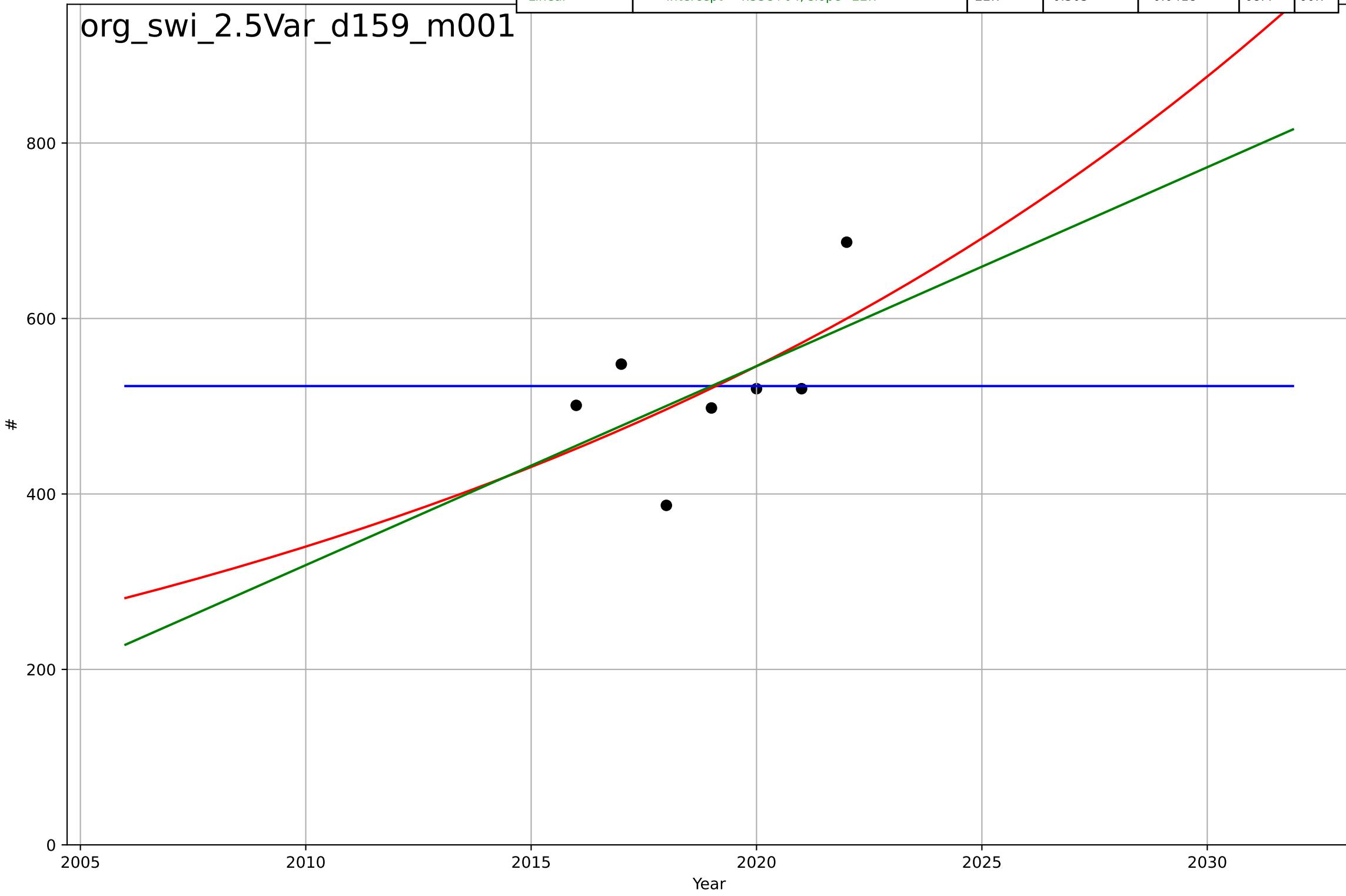
org\_swi\_1.1Ado\_d164\_m028



organic food consumption  
 Switzerland  
 2.5 Variety (Choice Availability)  
 Organic importers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3301, Dt=-248, K=523	-0.0177	-3.58e-11	-1	82.1	54
Exponential	0.233*exp(0.0473*(x-1856))	0.0473	0.333	-0.000472	67	60.1
Linear	intercept=-4.53e+04, slope=22.7	22.7	0.305	-0.0418	68.4	60.7

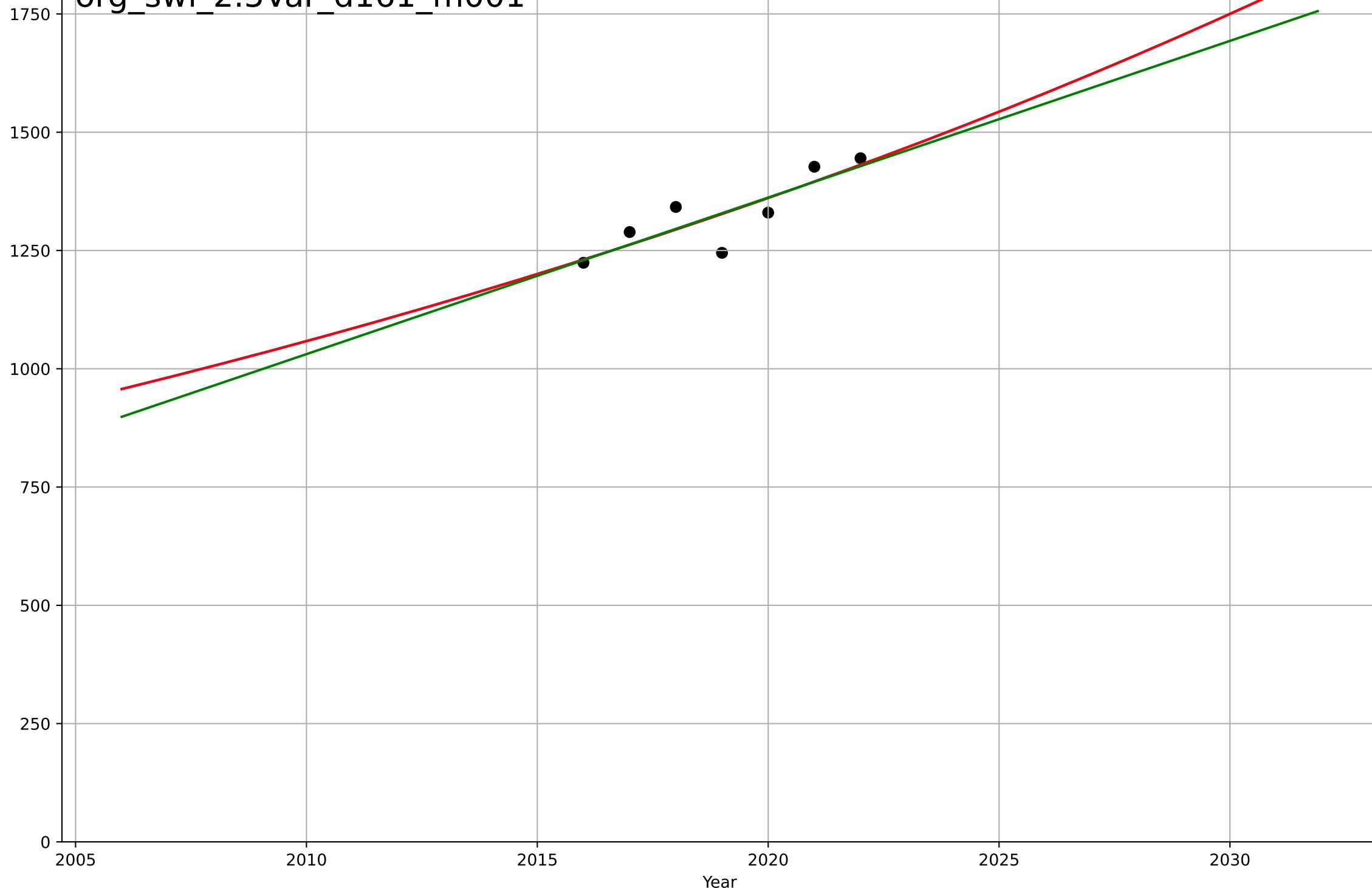
org\_swi\_2.5Var\_d159\_m001



organic food consumption  
Switzerland  
2.5 Variety (Choice Availability)  
Organic processors  
#

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2329, D_t=175, K=3.26e+06$	0.0252	0.722	0.443	41.3	34.3
Exponential	$0.125 \cdot \exp(0.0251 \cdot (x-1650))$	0.0251	0.722	0.583	41.3	34.3
Linear	intercept=-6.55e+04, slope=33.1	33.1	0.715	0.573	41.8	34.7

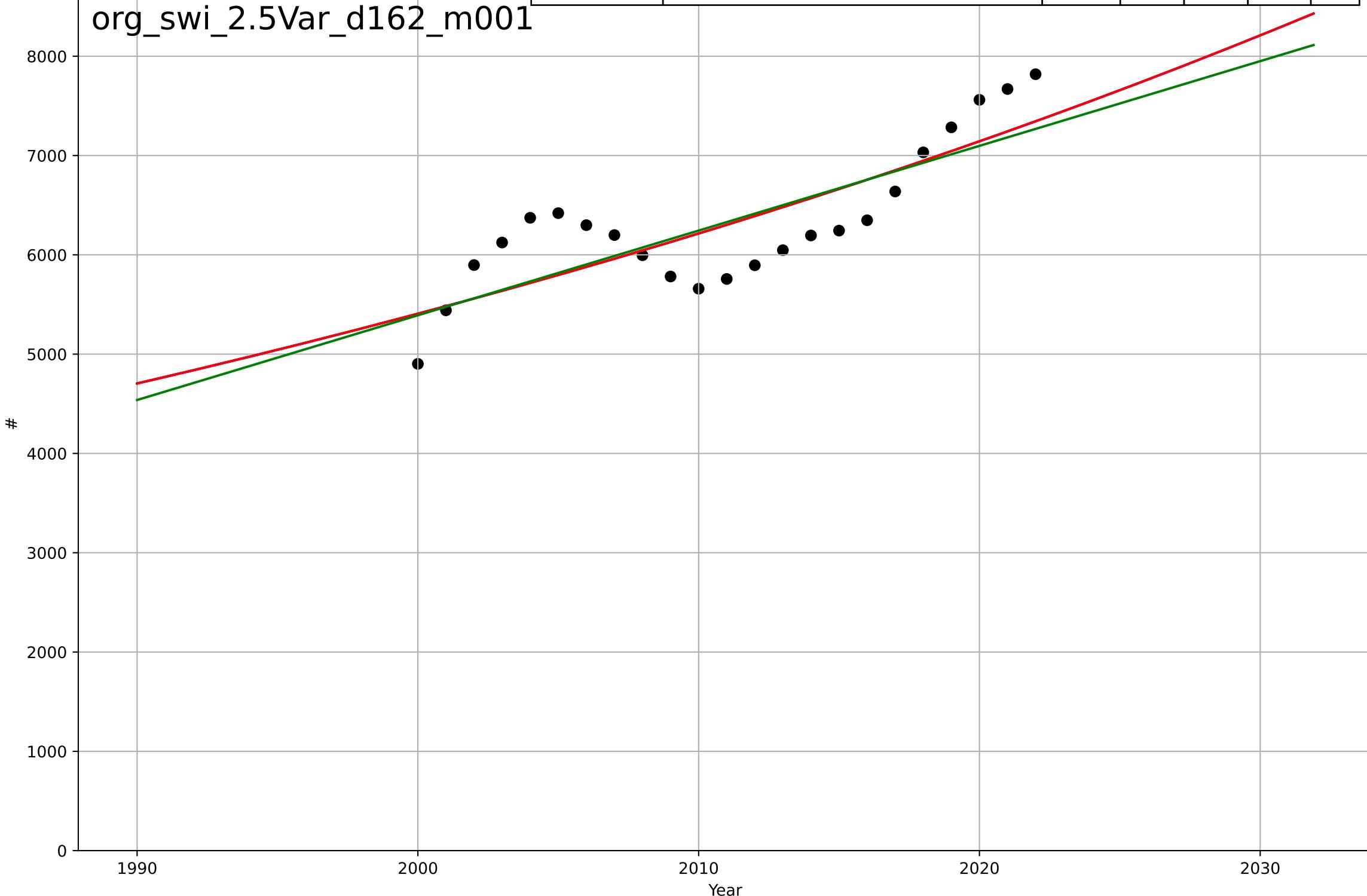
org\_swi\_2.5Var\_d161\_m001



organic food consumption  
 Switzerland  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2665, D_t=316, K=5.71e+07$	0.0139	0.656	0.601	417	382
Exponential	$7.01 \cdot \exp(0.0139 \cdot (x-1522))$	0.0139	0.656	0.621	417	382
Linear	intercept=-1.65e+05, slope=85.3	85.3	0.635	0.599	429	395

org\_swi\_2.5Var\_d162\_m001



organic food consumption

Switzerland

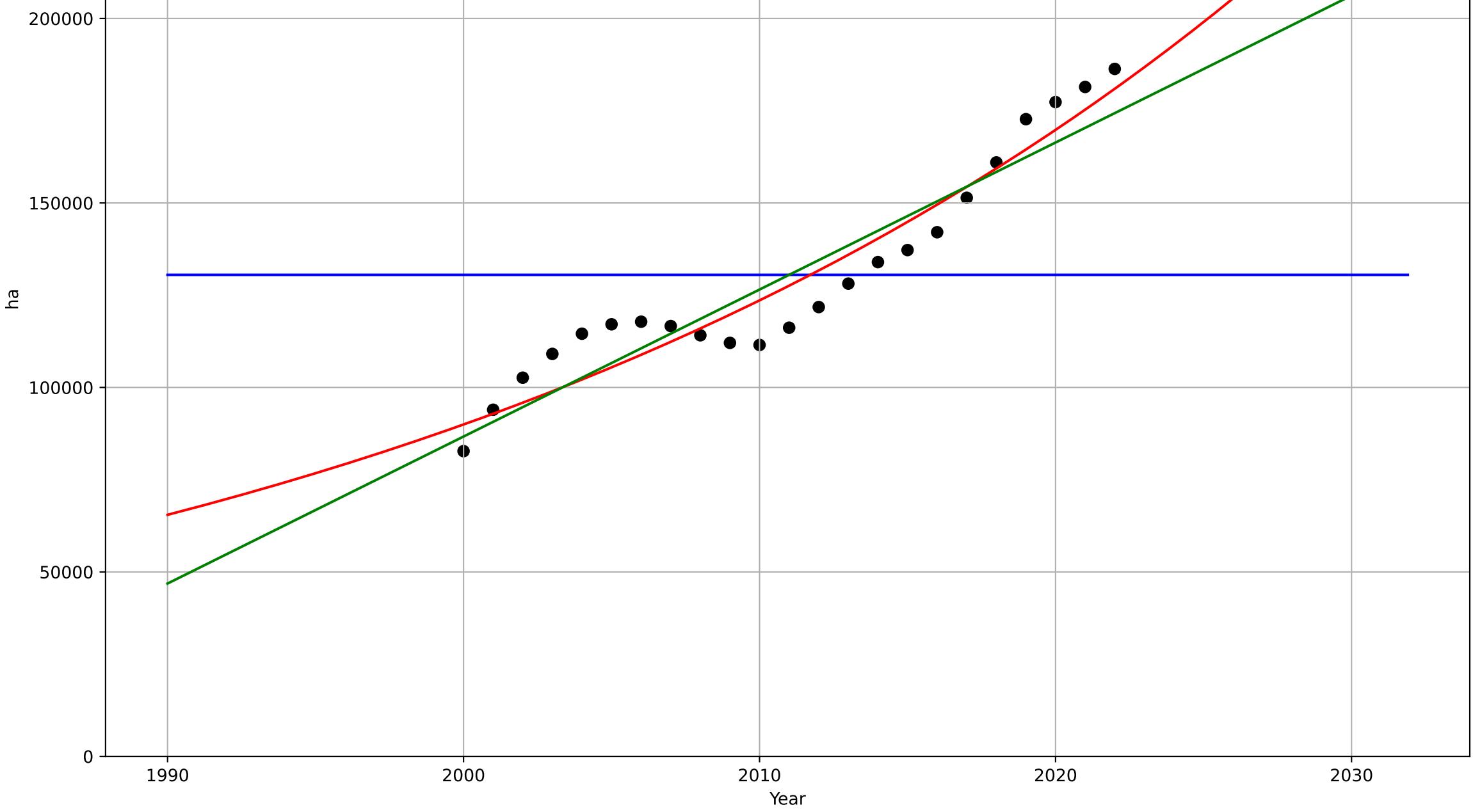
4.5 Physical Infrastructure dependence

Organic area (farmland) [ha]

ha

org\_swi\_4.5Inf\_d157\_m130

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=190850, D_t=-5.72e+04, K=1.31e+05$	-7.69e-05	-2.24e-09	-0.158	2.81e+04	2.34e+04
Exponential	$1.12 \cdot \exp(0.0318 \cdot (x-1645))$	0.0318	0.92	0.912	7.93e+03	7.25e+03
Linear	intercept=-7.88e+06, slope=3.98e+03	3.98e+03	0.886	0.874	9.5e+03	8.73e+03



organic food consumption

Switzerland

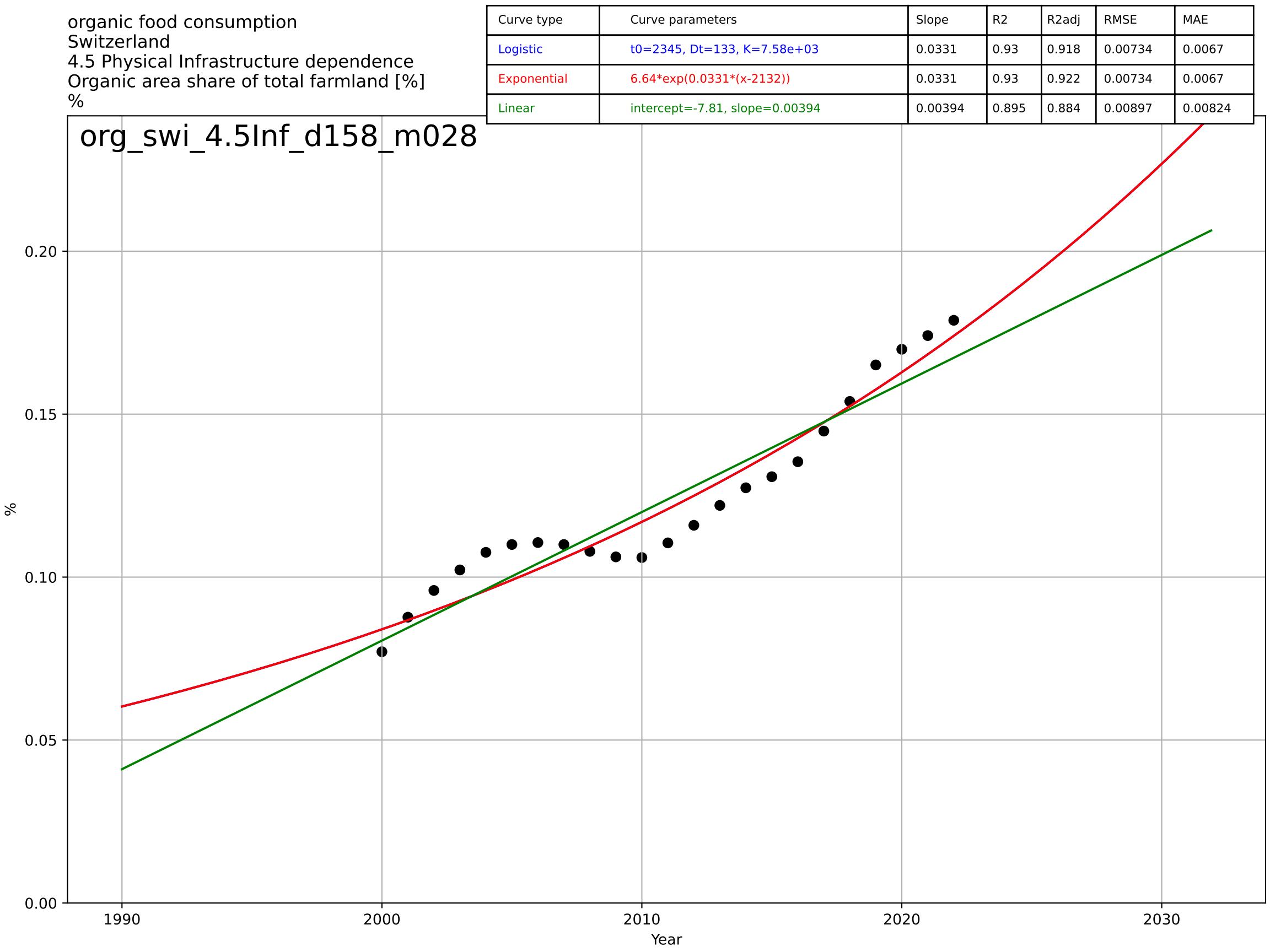
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

org\_swi\_4.5Inf\_d158\_m028

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2345, D_t=133, K=7.58e+03$	0.0331	0.93	0.918	0.00734	0.0067
Exponential	$6.64 \cdot \exp(0.0331 \cdot (x-2132))$	0.0331	0.93	0.922	0.00734	0.0067
Linear	intercept=-7.81, slope=0.00394	0.00394	0.895	0.884	0.00897	0.00824



organic food consumption

UK

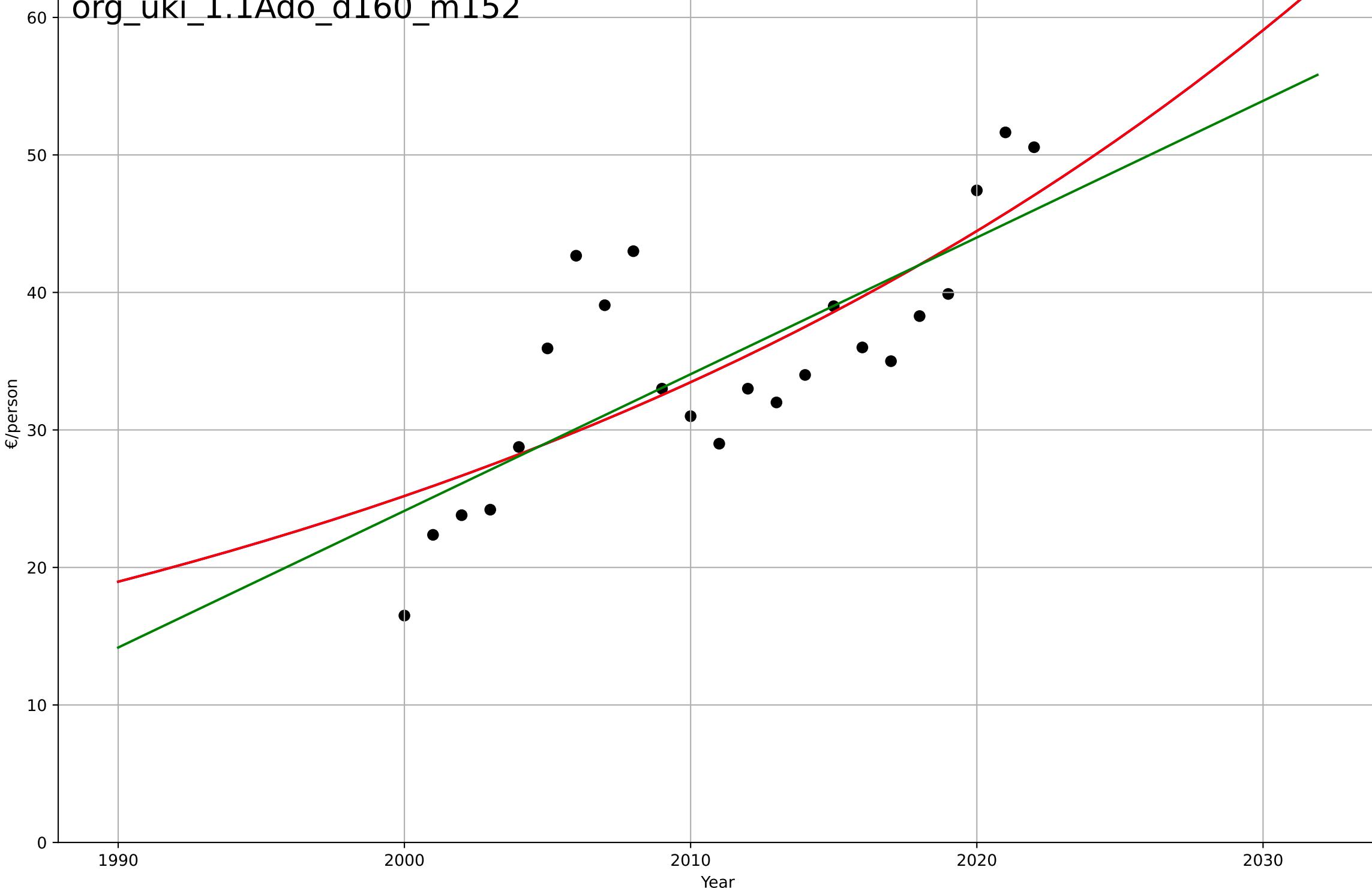
1.1 Adoption over time

Organic per capita consumption [€/person]

€/person

org\_uki\_1.1Ado\_d160\_m152

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2286, Dt=155, K=8.53e+04$	0.0284	0.581	0.515	5.59	4.62
Exponential	$3.1 \cdot \exp(0.0284 \cdot (x-1926))$	0.0284	0.581	0.539	5.59	4.62
Linear	intercept=-1.96e+03, slope=0.994	0.994	0.582	0.54	5.59	4.67



## organic food consumption

UK

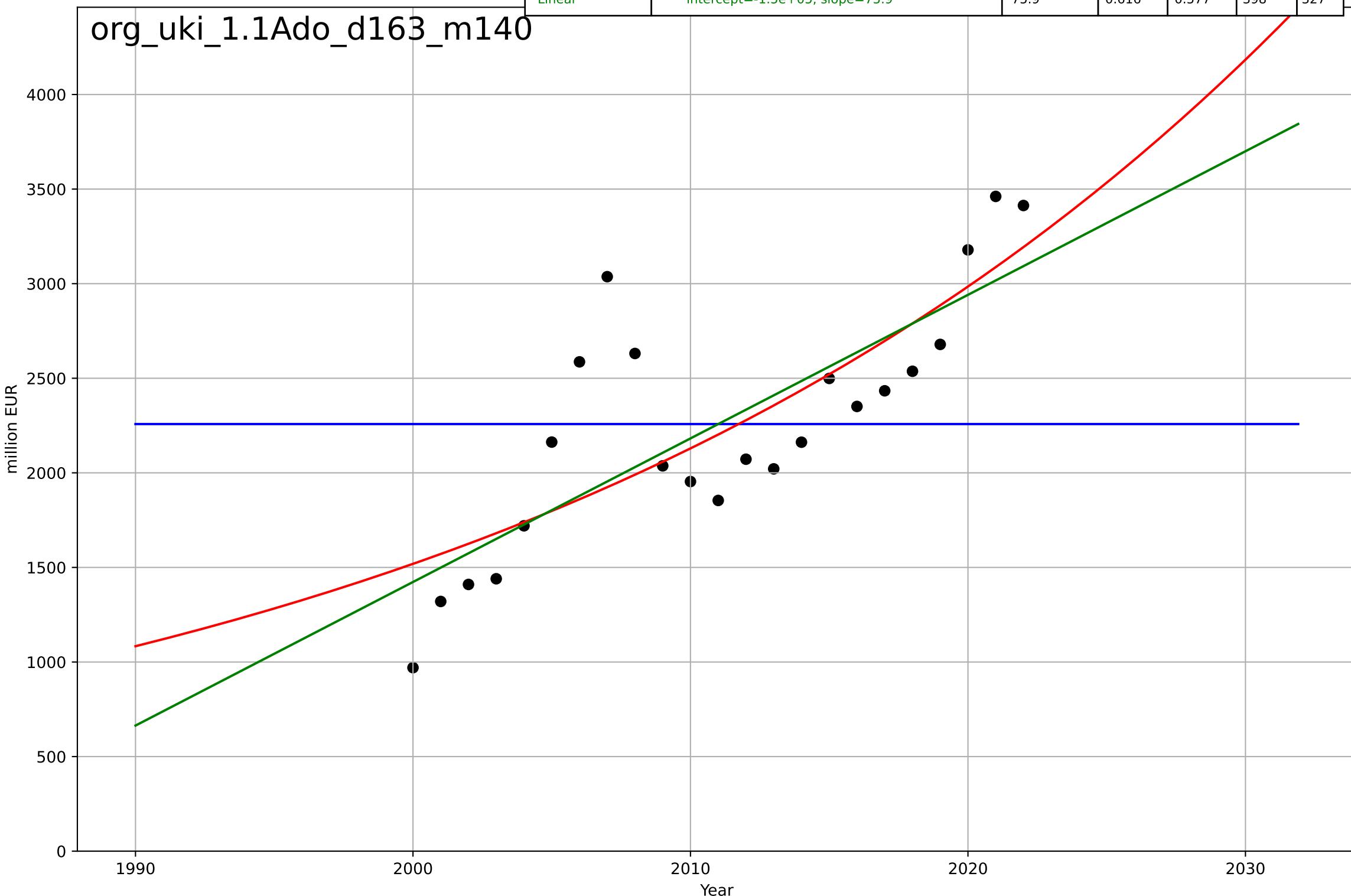
## 1.1 Adoption over time

Organic retail sales market size [million]

million EUR

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=5881, Dt=-851, K=2.26e+03$	-0.00516	-4e-10	-0.158	642	519
Exponential	$0.295*\exp(0.0338*(x-1747))$	0.0338	0.617	0.578	397	316
Linear	intercept=-1.5e+05, slope=75.9	75.9	0.616	0.577	398	327

org\_uki\_1.1Ado\_d163\_m140



organic food consumption

UK

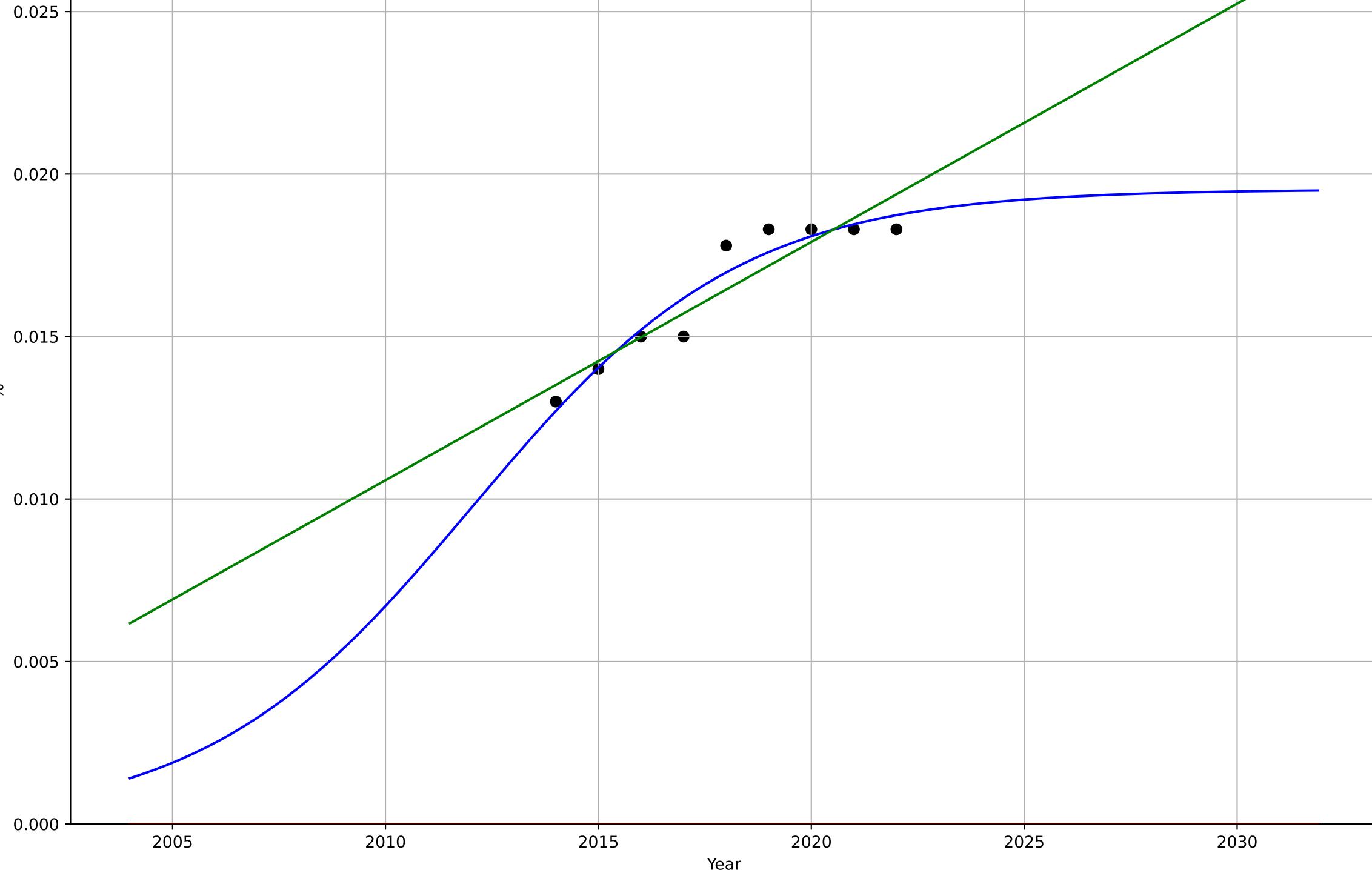
1.1 Adoption over time

Organic retail sales share [%]

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=13.8, K=0.0195	0.318	0.921	0.874	0.000573	0.000451
Exponential	1.56e+03*exp(0.00107*(x-157486))	0.00107	-64.7	-86.6	0.0166	0.0164
Linear	intercept=-1.46, slope=0.000733	0.000733	0.858	0.81	0.000771	0.000642

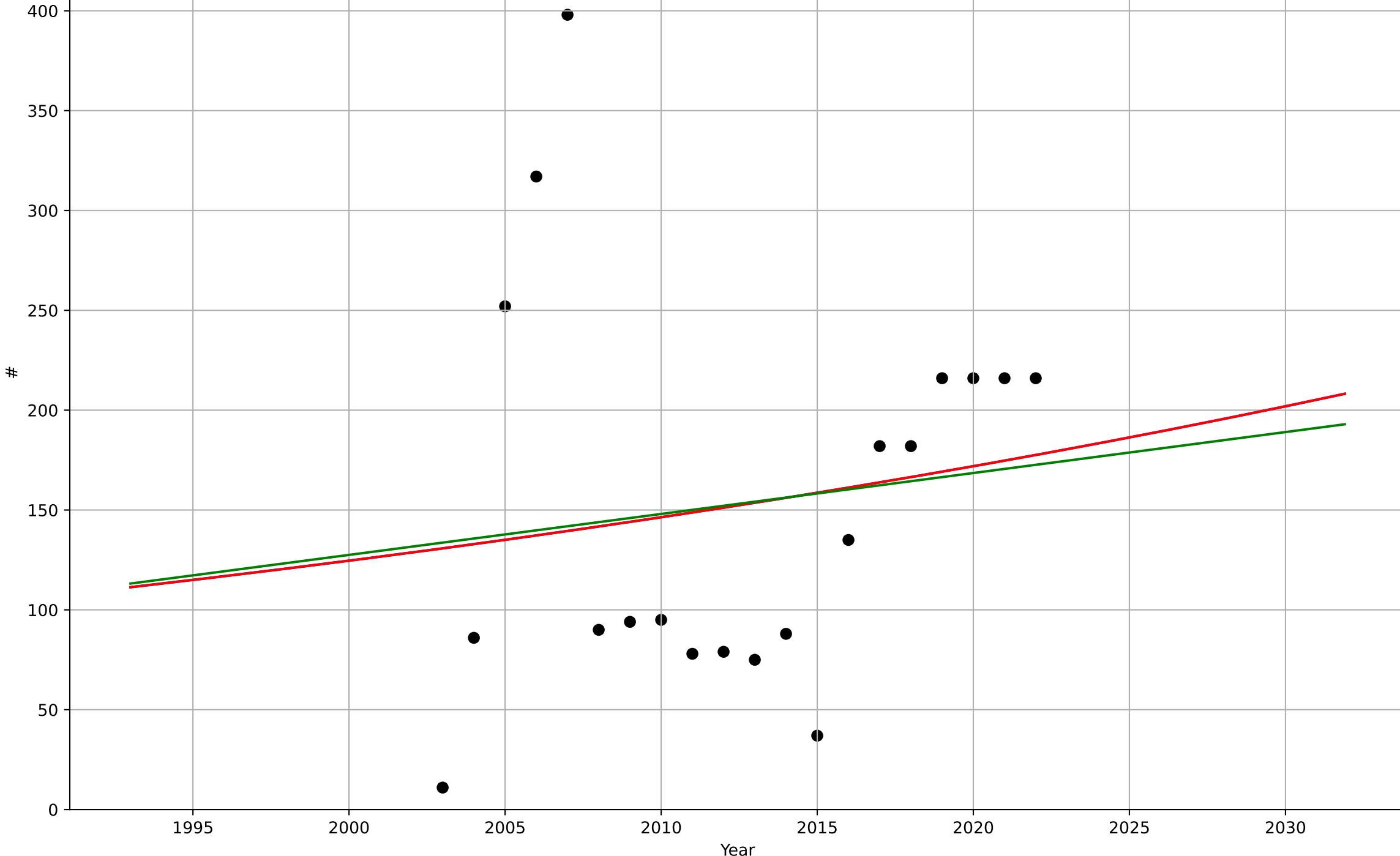
org\_uki\_1.1Ado\_d164\_m028



organic food consumption  
 UK  
 2.5 Variety (Choice Availability)  
 Organic importers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2482, D_t=273, K=2.94e+05$	0.0161	0.0181	-0.166	95.3	75.8
Exponential	$5.6 \cdot \exp(0.0161 \cdot (x - 1807))$	0.0161	0.0181	-0.0974	95.3	75.8
Linear	intercept=-3.97e+03, slope=2.05	2.05	0.0151	-0.101	95.4	77.1

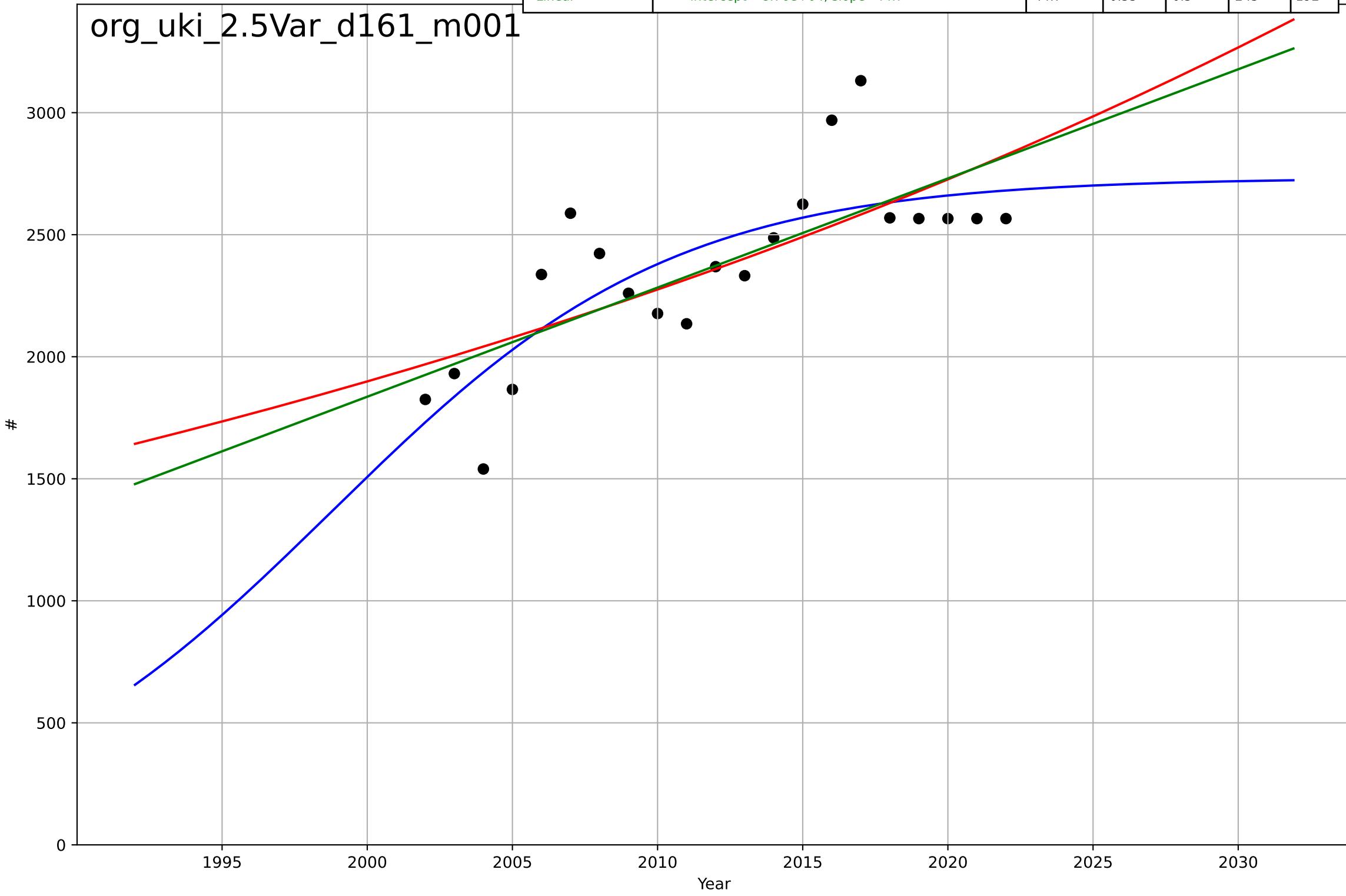
org\_uki\_2.5Var\_d159\_m001



organic food consumption  
 UK  
 2.5 Variety (Choice Availability)  
 Organic processors  
 #

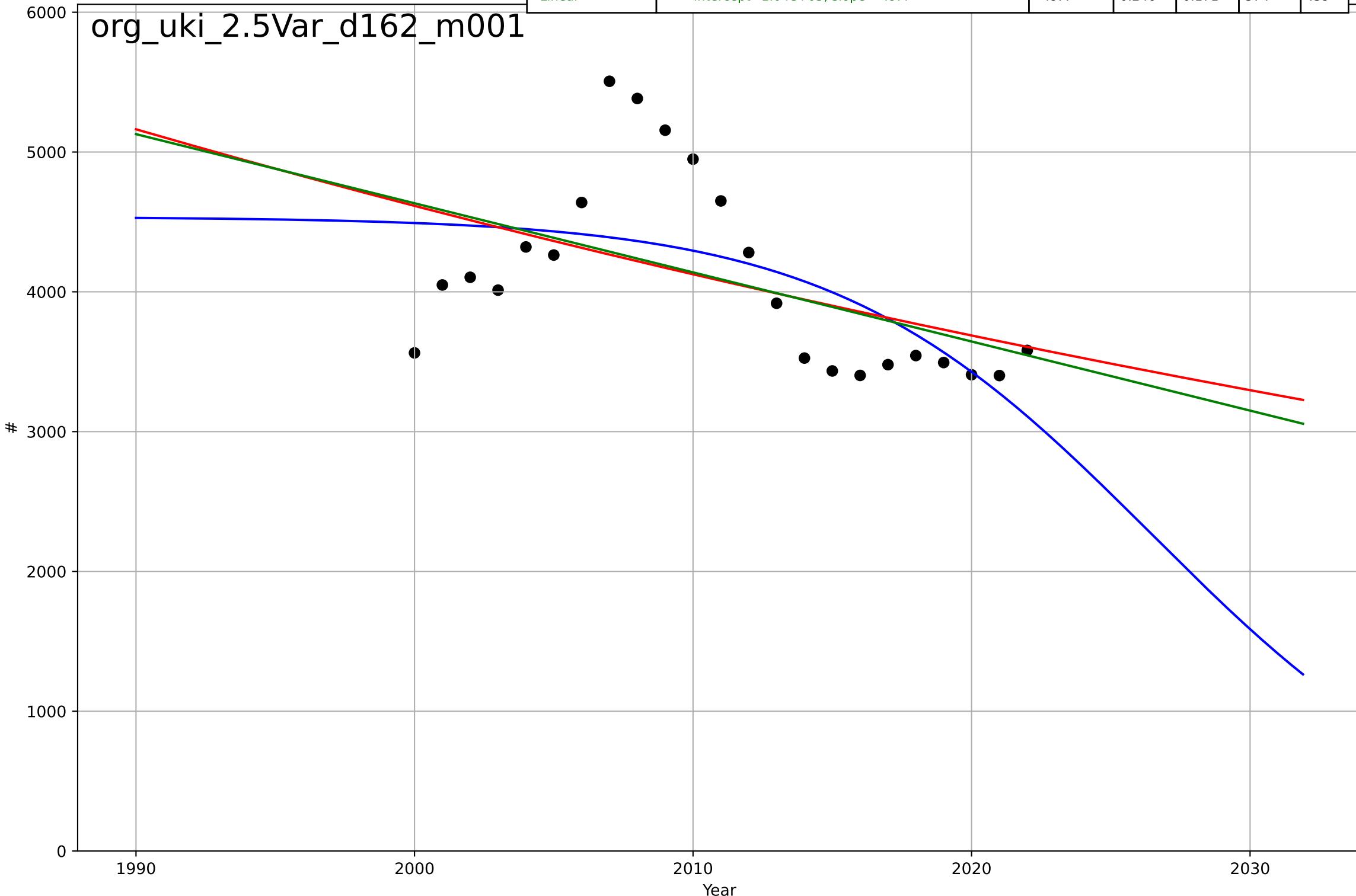
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=25.8, K=2.73e+03$	0.17	0.62	0.553	225	182
Exponential	$6.05 \cdot \exp(0.0181 \cdot (x-1682))$	0.0181	0.528	0.476	251	198
Linear	intercept=-8.76e+04, slope=44.7	44.7	0.55	0.5	245	192

org\_uki\_2.5Var\_d161\_m001



organic food consumption  
 UK  
 2.5 Variety (Choice Availability)  
 Organic producers  
 #

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2026, D_t=-25.1, K=4.54e+03$	-0.175	0.368	0.269	525	427
Exponential	$6.27e+03 \cdot \exp(-0.0112 \cdot (x-1973))$	-0.0112	0.229	0.151	581	466
Linear	intercept=1.04e+05, slope=-49.4	-49.4	0.246	0.171	574	459



organic food consumption

UK

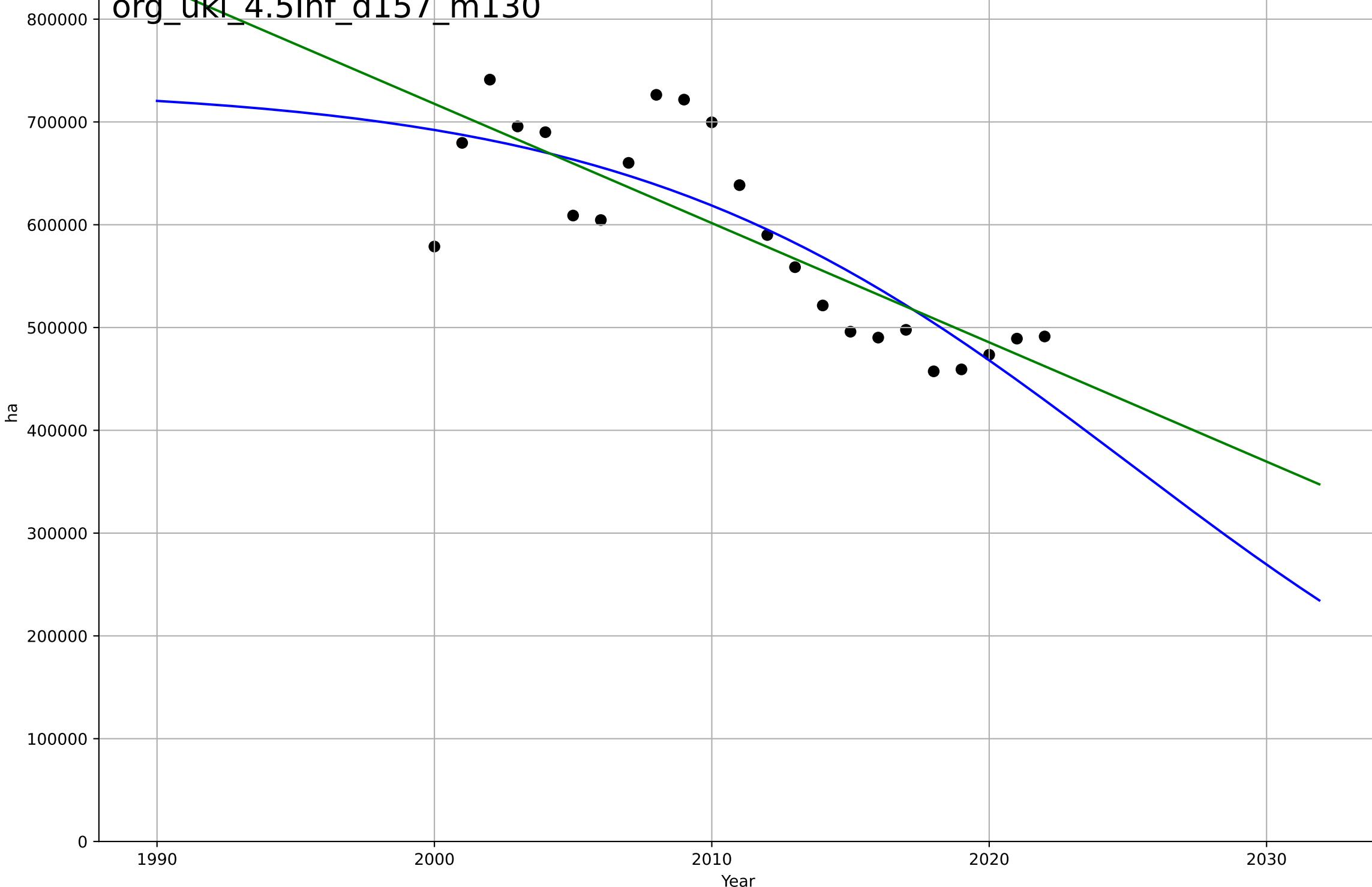
4.5 Physical Infrastructure dependence

Organic area (farmland) [ha]

ha

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2025, D_t=-39.6, K=7.35e+05$	-0.111	0.693	0.645	5.28e+04	4.42e+04
Exponential	$nan * exp(nan * (x - nan))$	nan	nan	nan	nan	nan
Linear	intercept=2.39e+07, slope=-1.16e+04	-1.16e+04	0.651	0.617	5.63e+04	4.47e+04

org\_uki\_4.5Inf\_d157\_m130



organic food consumption

UK

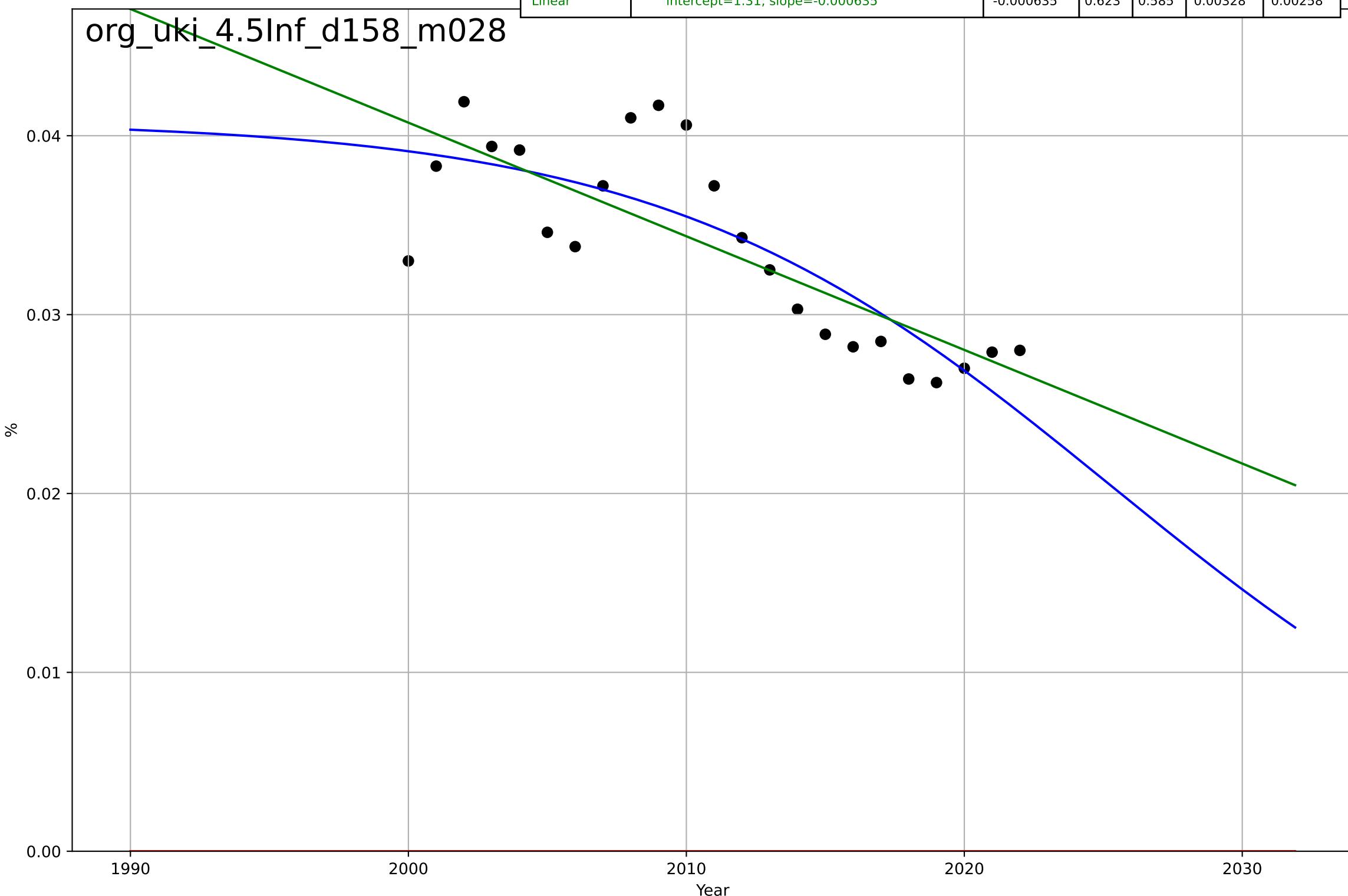
4.5 Physical Infrastructure dependence

Organic area share of total farmland [%]

%

org\_uki\_4.5Inf\_d158\_m028

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2025, Dt=-35.6, K=0.0409	-0.124	0.679	0.628	0.00303	0.00251
Exponential	1.56e+03*exp(0.000937*(x-157467))	0.000937	-39.9	-44	0.0342	0.0337
Linear	intercept=1.31, slope=-0.000635	-0.000635	0.623	0.585	0.00328	0.00258



passive building retrofits

Austria

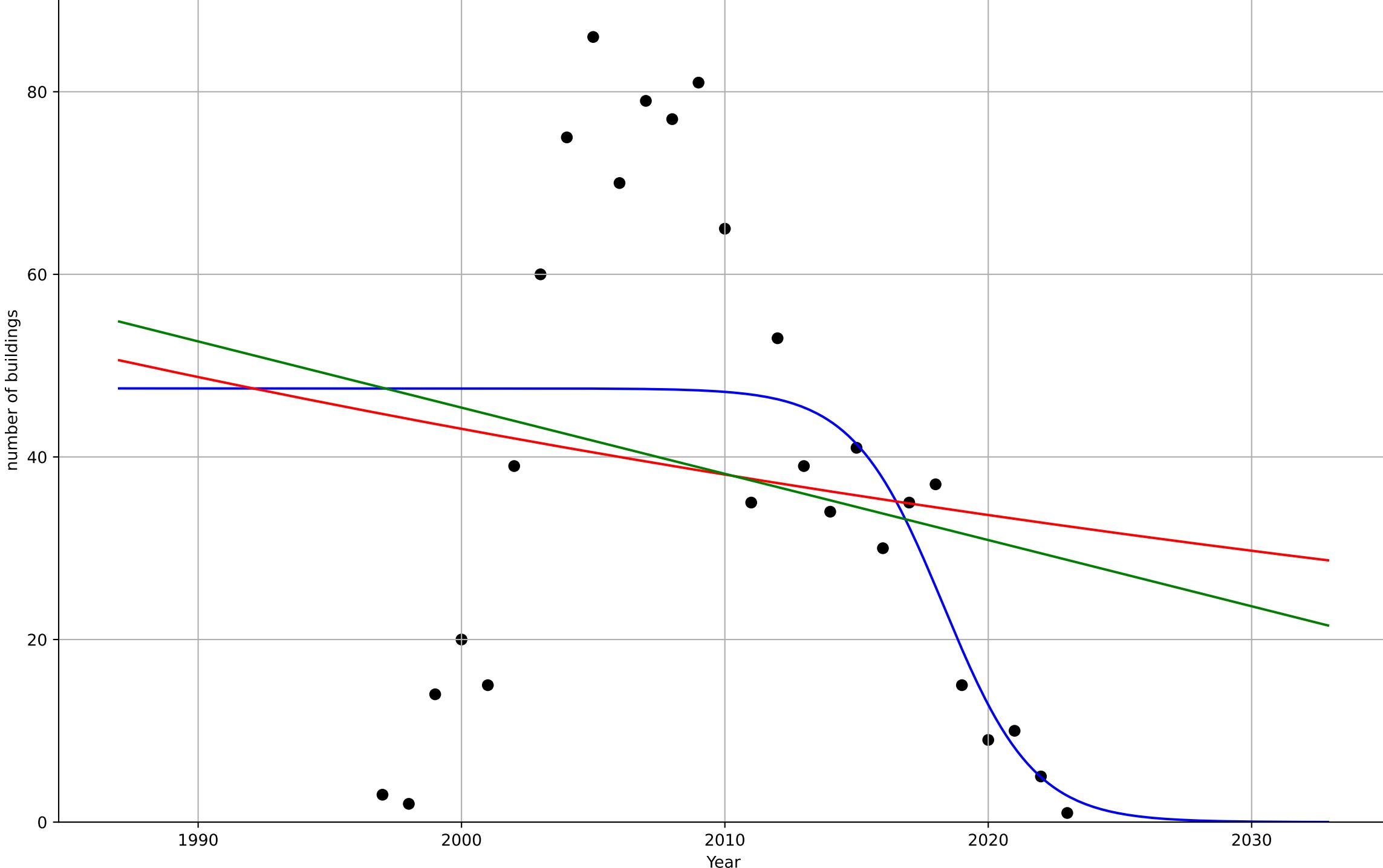
1.1 Adoption over time

new building

number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=-7.55, K=47.5$	-0.582	0.303	0.212	22.6	17.6
Exponential	$80.7 \cdot \exp(-0.0124 \cdot (x-1949))$	-0.0124	0.0283	-0.0526	26.7	22.4
Linear	intercept=1.5e+03, slope=-0.725	-0.725	0.0434	-0.0363	26.5	22.2

pas\_aus\_1.1Ado\_d222\_m146



passive building retrofits

Austria

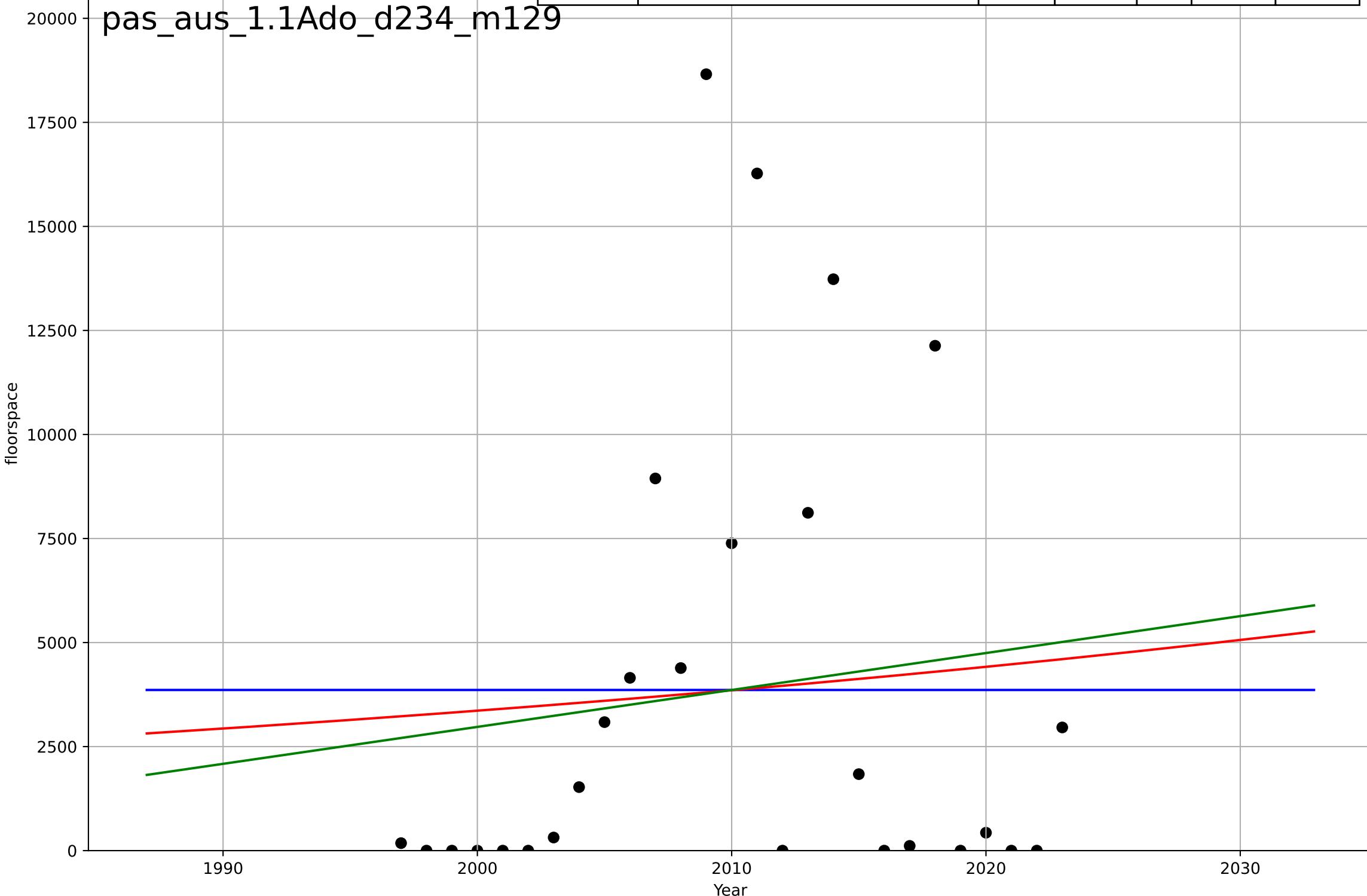
1.1 Adoption over time

renovation

floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=24208, D_t=-3.24e+03, K=3.86e+03$	-0.00136	-4.44e-16	-0.13	5.47e+03	4.37e+03
Exponential	$14.7 \cdot \exp(0.0136 \cdot (x-1602))$	0.0136	0.0095	-0.073	5.44e+03	4.37e+03
Linear	intercept=-1.75e+05, slope=88.7	88.7	0.016	-0.066	5.42e+03	4.33e+03

pas\_aus\_1.1Ado\_d234\_m129



passive building retrofits

Austria

1.1 Adoption over time

renovation

number of buildings

pas\_aus\_1.1Ado\_d234\_m146

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=-11097, D_t=-6.85e+03, K=7.63e+03$	-0.000641	2.22e-05	-0.13	2.34	1.68
Exponential	$1.56e+03 \cdot \exp(0.000558 \cdot (x-157375))$	0.000558	-0.531	-0.658	2.89	1.7
Linear	intercept=5.39, slope=-0.00183	-0.00183	3.72e-05	-0.0833	2.34	1.68

number of buildings

1990

2000

2010

2020

2030

Year

passive building retrofits

Austria

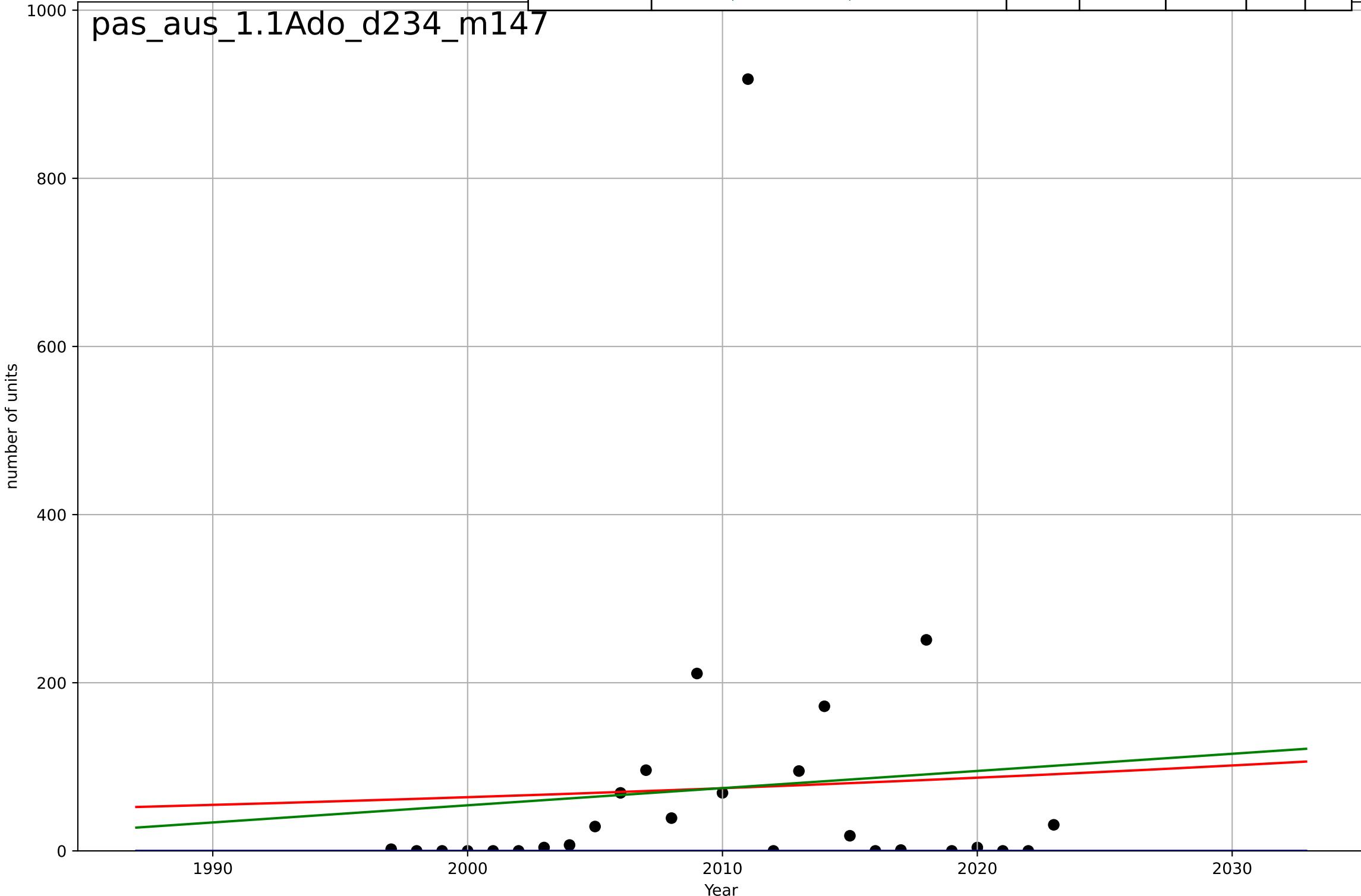
1.1 Adoption over time

renovation

number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3999, D_t=176, K=2.18e+03$	0.0249	-0.175	-0.328	194	74.7
Exponential	$4.83 \cdot \exp(0.0155 \cdot (x-1833))$	0.0155	0.00451	-0.0784	178	95.3
Linear	intercept=-4.03e+03, slope=2.04	2.04	0.00794	-0.0747	178	94.3

pas\_aus\_1.1Ado\_d234\_m147



passive building retrofits

Austria

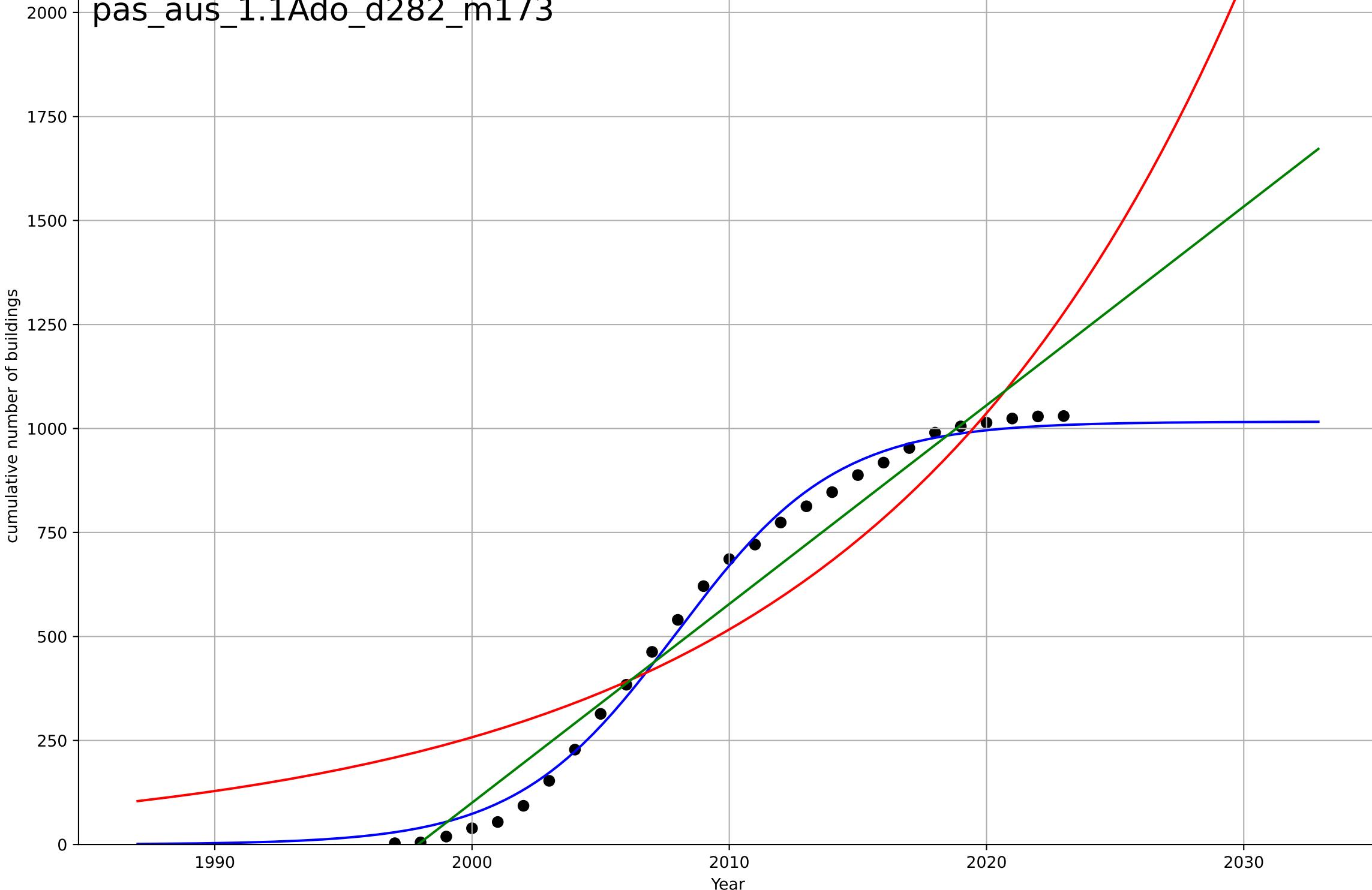
1.1 Adoption over time

cumulative new building

cumulative number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=13.7, K=1.02e+03$	0.321	0.995	0.994	27.9	26.2
Exponential	$0.00485 \cdot \exp(0.0696 \cdot (x-1844))$	0.0696	0.832	0.818	156	141
Linear	intercept=-9.55e+04, slope=47.8	47.8	0.959	0.956	76.7	65.9

pas\_aus\_1.1Ado\_d282\_m173



passive building retrofits

Austria

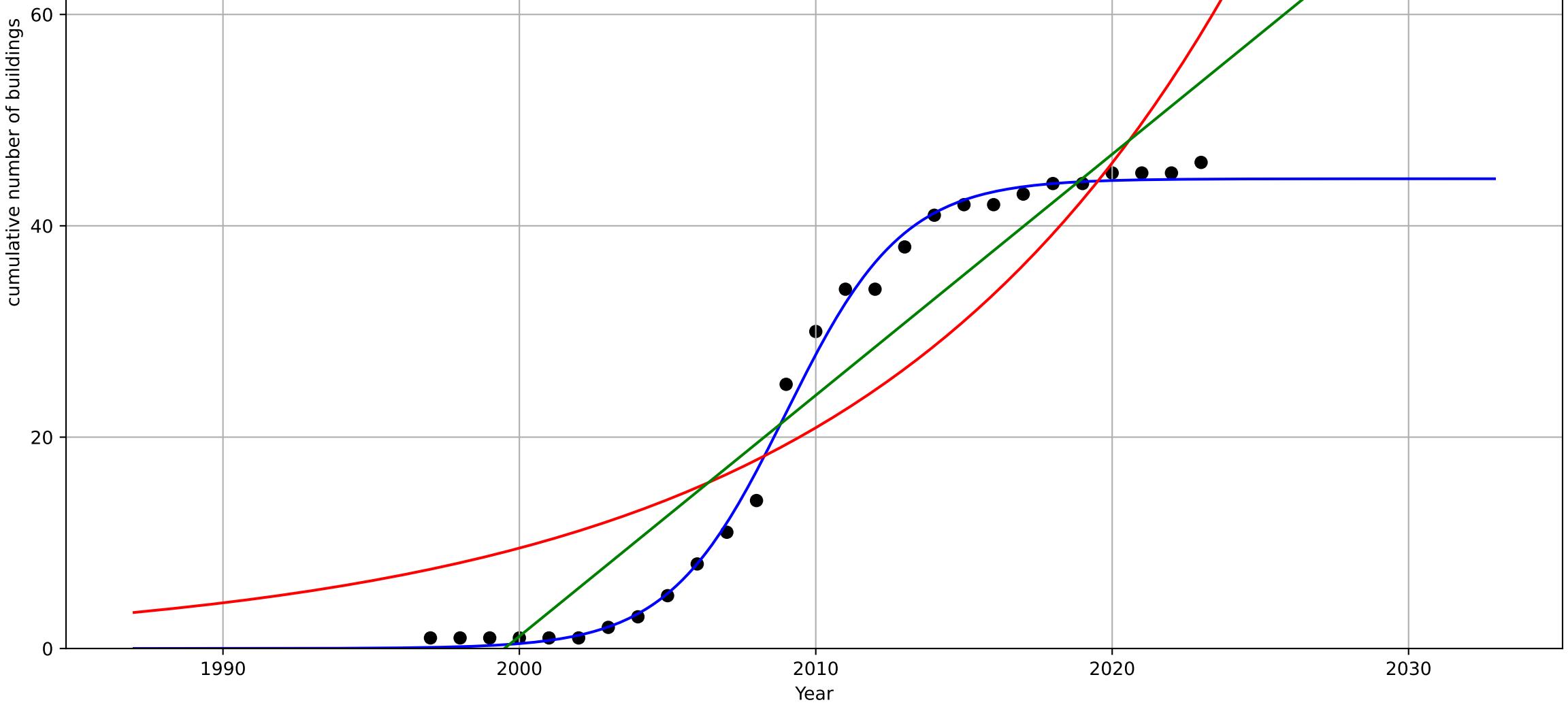
1.1 Adoption over time

cumulative renovation

cumulative number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=8.67, K=44.5$	0.507	0.996	0.995	1.2	0.891
Exponential	$1.22 \cdot \exp(0.0788 \cdot (x-1974))$	0.0788	0.793	0.776	8.46	7.92
Linear	intercept=-4.56e+03, slope=2.28	2.28	0.914	0.907	5.45	4.95

pas\_aus\_1.1Ado\_d283\_m173



passive building retrofits

Austria

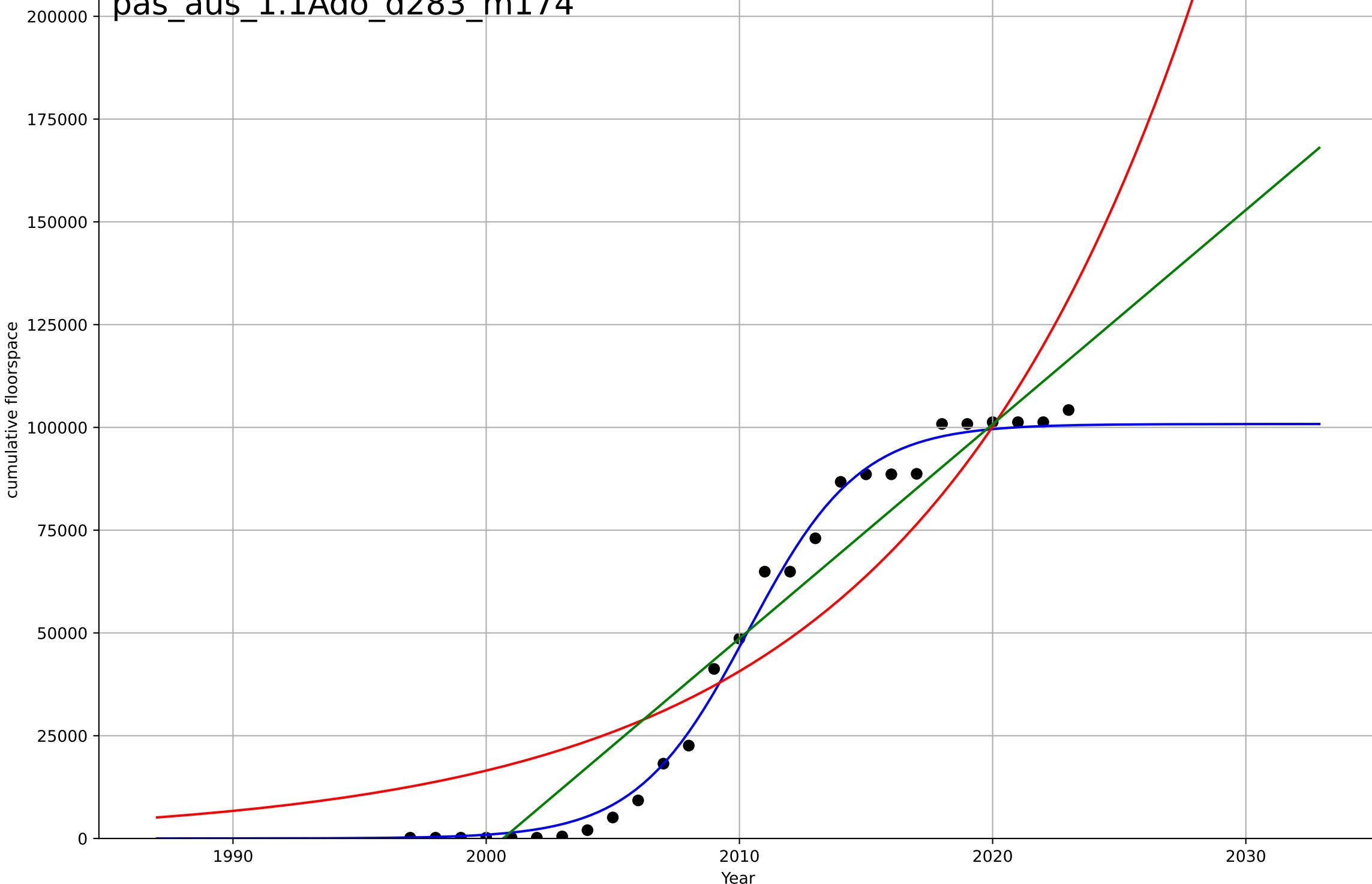
1.1 Adoption over time

cumulative renovation

cumulative floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2010, D_t=9.67, K=1.01e+05$	0.454	0.994	0.993	3.31e+03	2.67e+03
Exponential	$0.000284 \cdot \exp(0.0901 \cdot (x-1802))$	0.0901	0.83	0.816	1.74e+04	1.61e+04
Linear	intercept=-1.04e+07, slope=5.21e+03	5.21e+03	0.929	0.923	1.13e+04	9.7e+03

pas\_aus\_1.1Ado\_d283\_m174



passive building retrofits

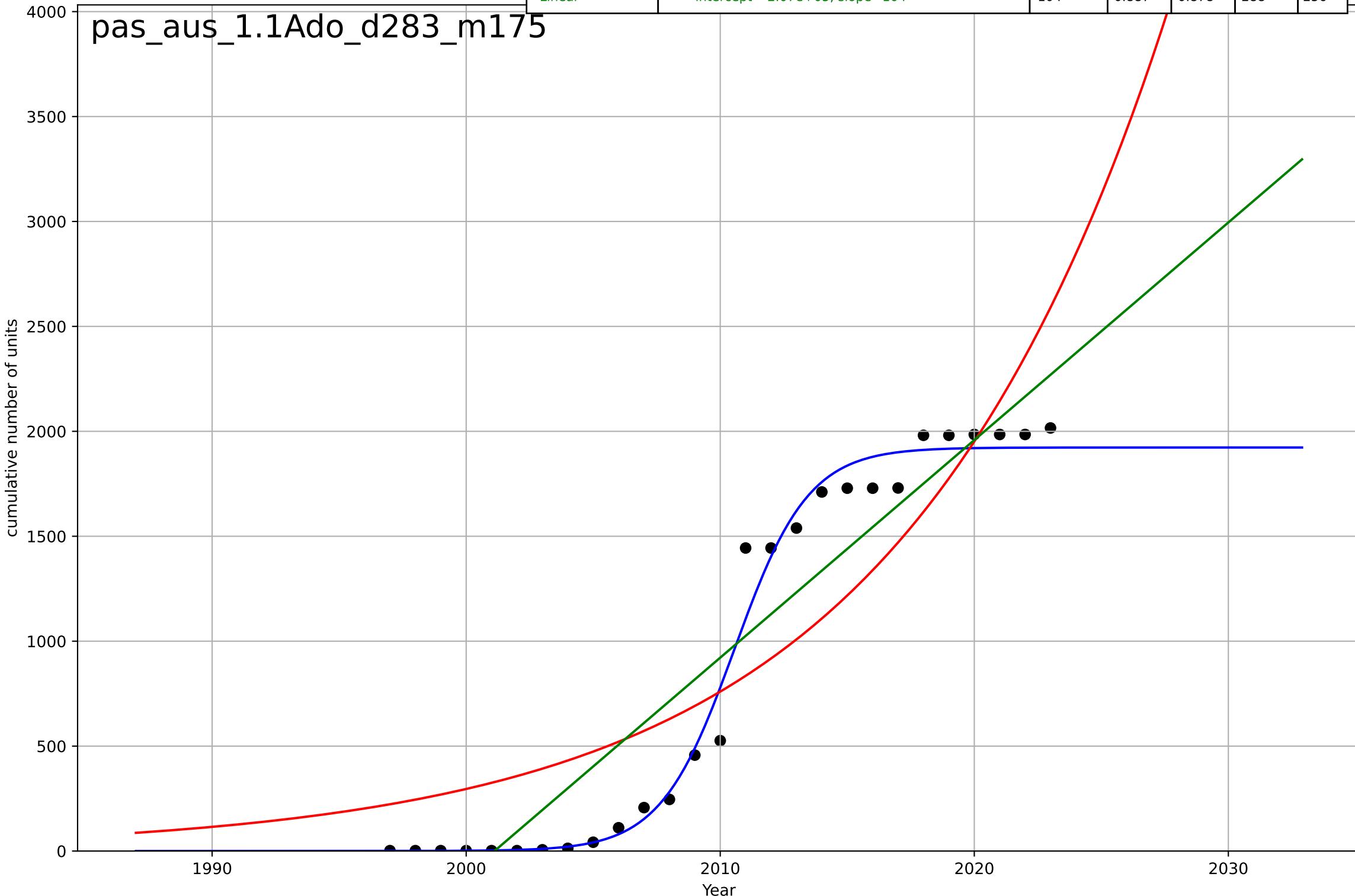
Austria

1.1 Adoption over time

cumulative renovation

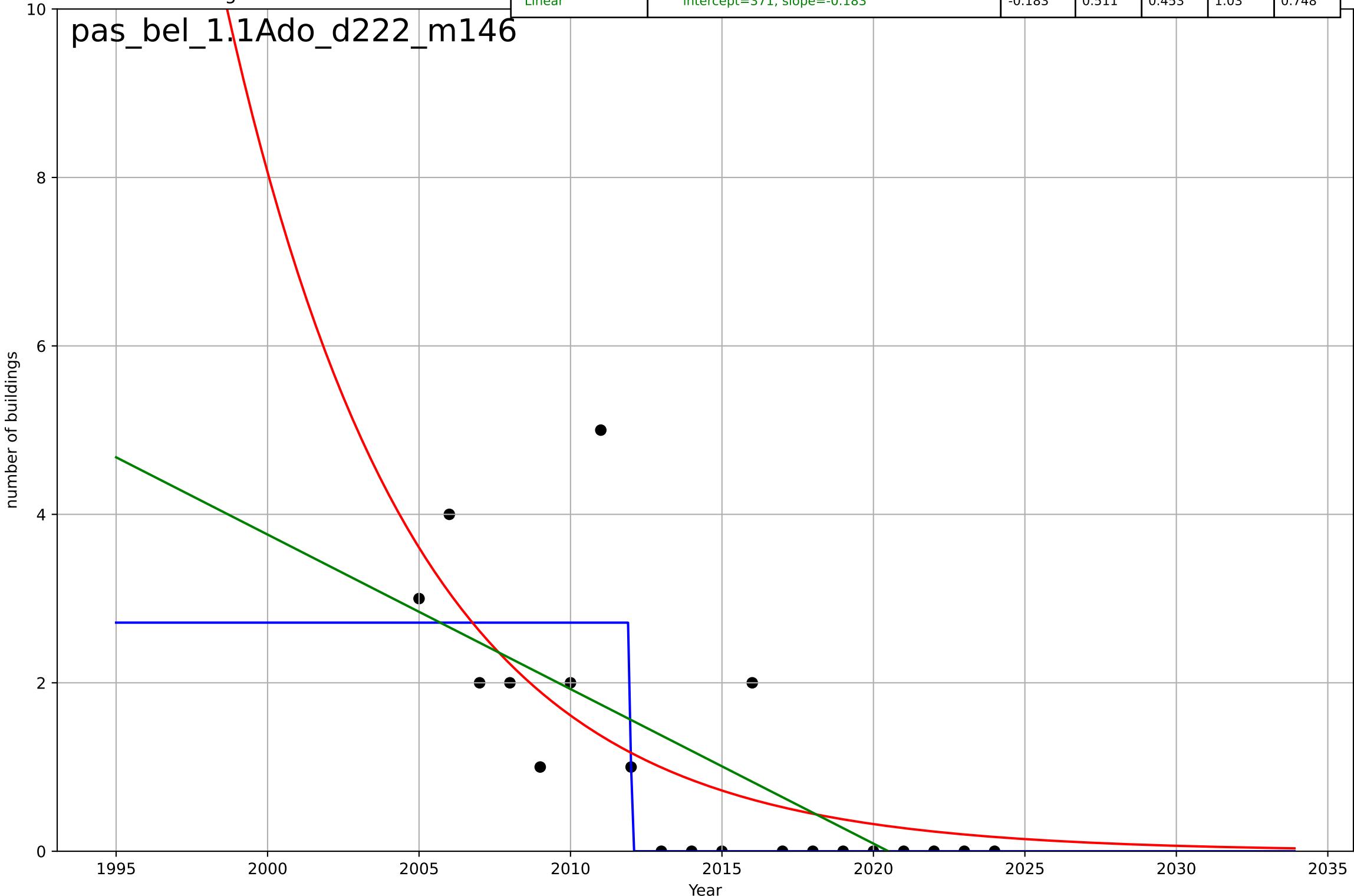
cumulative number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=6.38, K=1.92e+03$	0.689	0.986	0.984	103	66.1
Exponential	$0.00369 \cdot \exp(0.0944 \cdot (x-1880))$	0.0944	0.798	0.781	385	359
Linear	intercept=-2.07e+05, slope=104	104	0.887	0.878	288	256



passive building retrofits  
 Belgium  
 1.1 Adoption over time  
 new building  
 number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=-0.0455, K=2.71$	-96.6	0.648	0.582	0.878	0.486
Exponential	$3.32 \cdot \exp(-0.161 \cdot (x-2006))$	-0.161	0.524	0.468	1.02	0.697
Linear	intercept=371, slope=-0.183	-0.183	0.511	0.453	1.03	0.748



passive building retrofits

Belgium

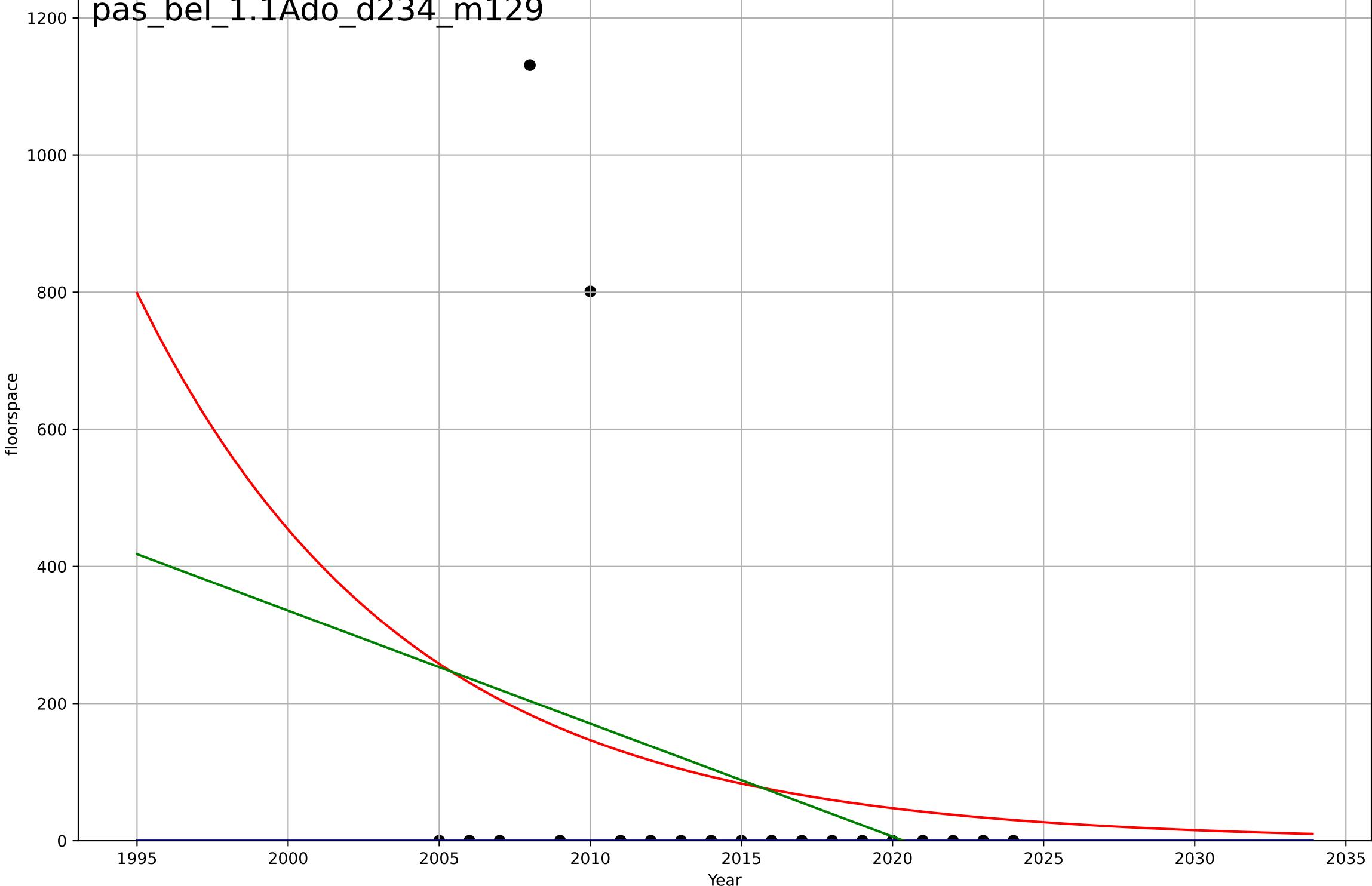
1.1 Adoption over time

renovation

floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3130, D_t=130, K=-565$	0.0338	-0.108	-0.315	310	96.6
Exponential	$178 \cdot \exp(-0.113 \cdot (x-2008))$	-0.113	0.0799	-0.0283	282	172
Linear	intercept=3.33e+04, slope=-16.5	-16.5	0.104	-0.00131	279	170

pas\_bel\_1.1Ado\_d234\_m129



passive building retrofits

Belgium

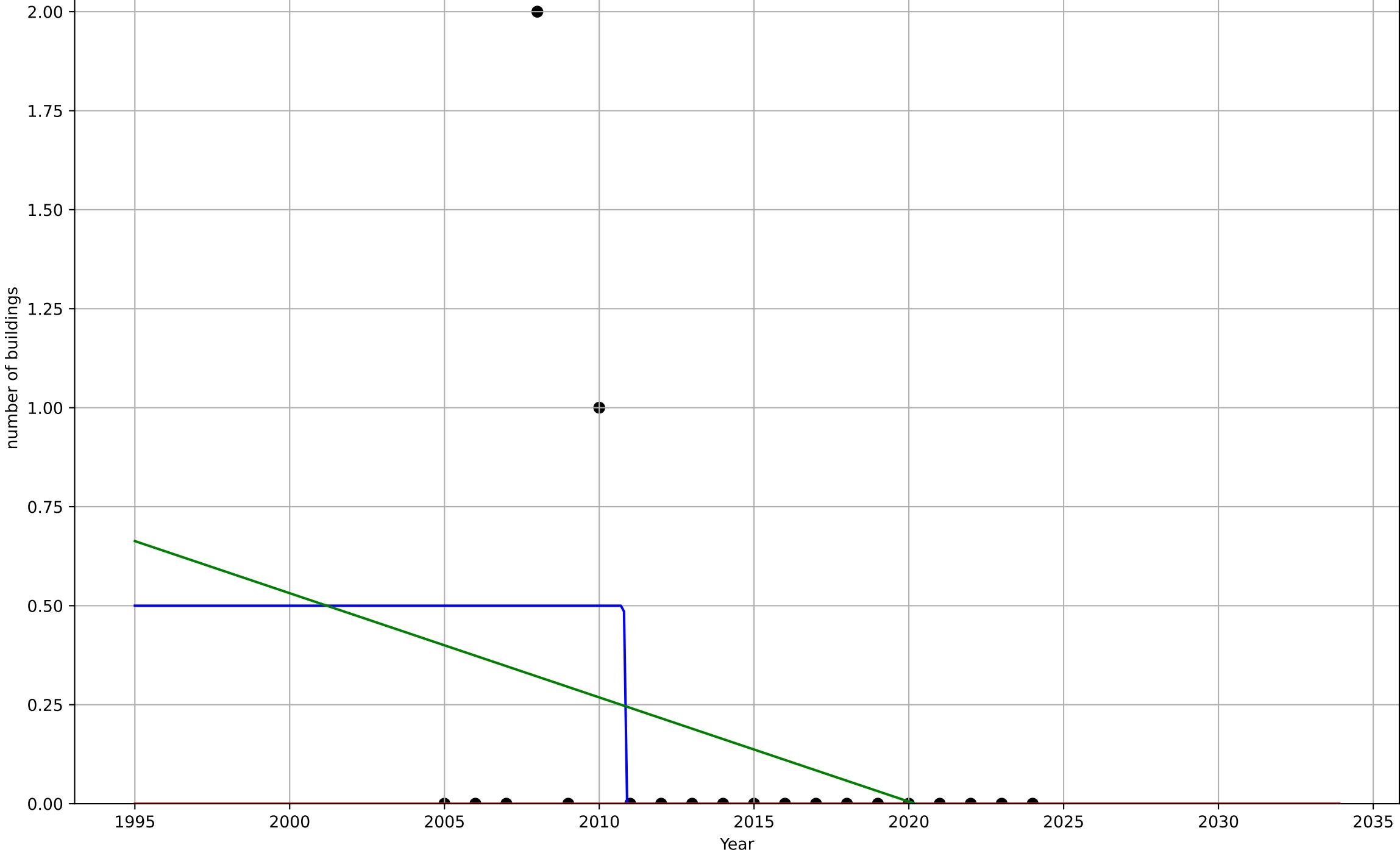
1.1 Adoption over time

renovation

number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=-0.0255, K=0.5	-172	0.231	0.0865	0.418	0.2
Exponential	-1.54e+03*exp(-0.00148*(x-152665))	-0.00148	-0.0989	-0.228	0.5	0.15
Linear	intercept=53.2, slope=-0.0263	-0.0263	0.101	-0.00452	0.452	0.265

pas\_bel\_1.1Ado\_d234\_m146



passive building retrofits

Belgium

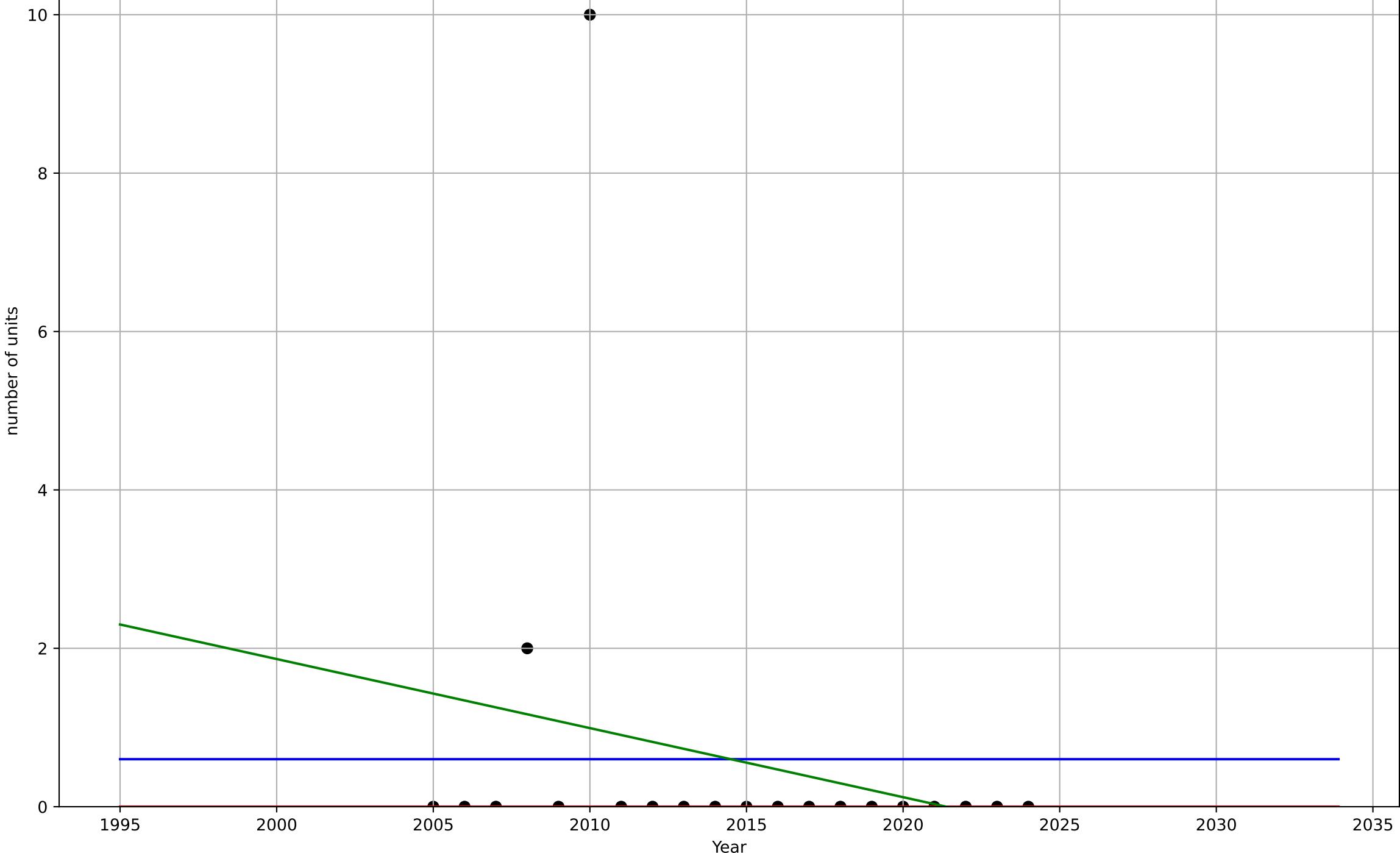
1.1 Adoption over time

renovation

number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=-1869, Dt=794, K=0.6	0.00554	-1.83e-12	-0.188	2.2	1.08
Exponential	-1.54e+03*exp(-0.00725*(x-152872))	-0.00725	-0.0744	-0.201	2.28	0.6
Linear	intercept=176, slope=-0.0872	-0.0872	0.0523	-0.0592	2.14	1.03

pas\_bel\_1.1Ado\_d234\_m147



passive building retrofits

Belgium

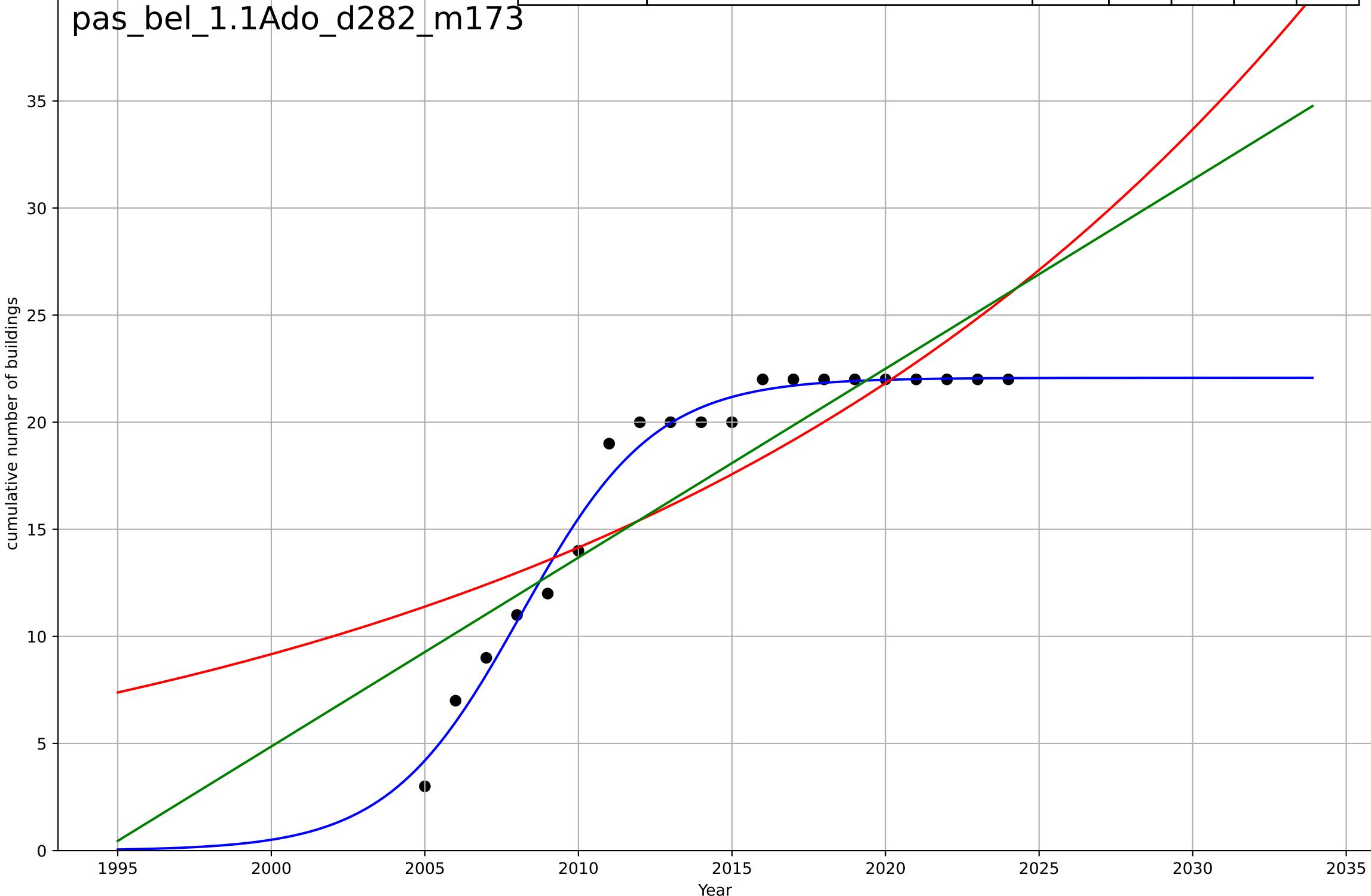
1.1 Adoption over time

cumulative new building

cumulative number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=9.52, K=22.1$	0.461	0.981	0.978	0.802	0.591
Exponential	$3.13 \cdot \exp(0.0434 \cdot (x-1975))$	0.0434	0.656	0.615	3.44	2.89
Linear	intercept=-1.76e+03, slope=0.882	0.882	0.753	0.724	2.91	2.45

pas\_bel\_1.1Ado\_d282\_m173



passive building retrofits

Belgium

1.1 Adoption over time

cumulative renovation

cumulative number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=2.52, K=2.99	1.74	0.966	0.96	0.196	0.0942
Exponential	1.55e+03*exp(0.0132*(x-157756))	0.0132	-5.23	-5.96	2.67	2.45
Linear	intercept=-266, slope=0.133	0.133	0.513	0.456	0.747	0.625

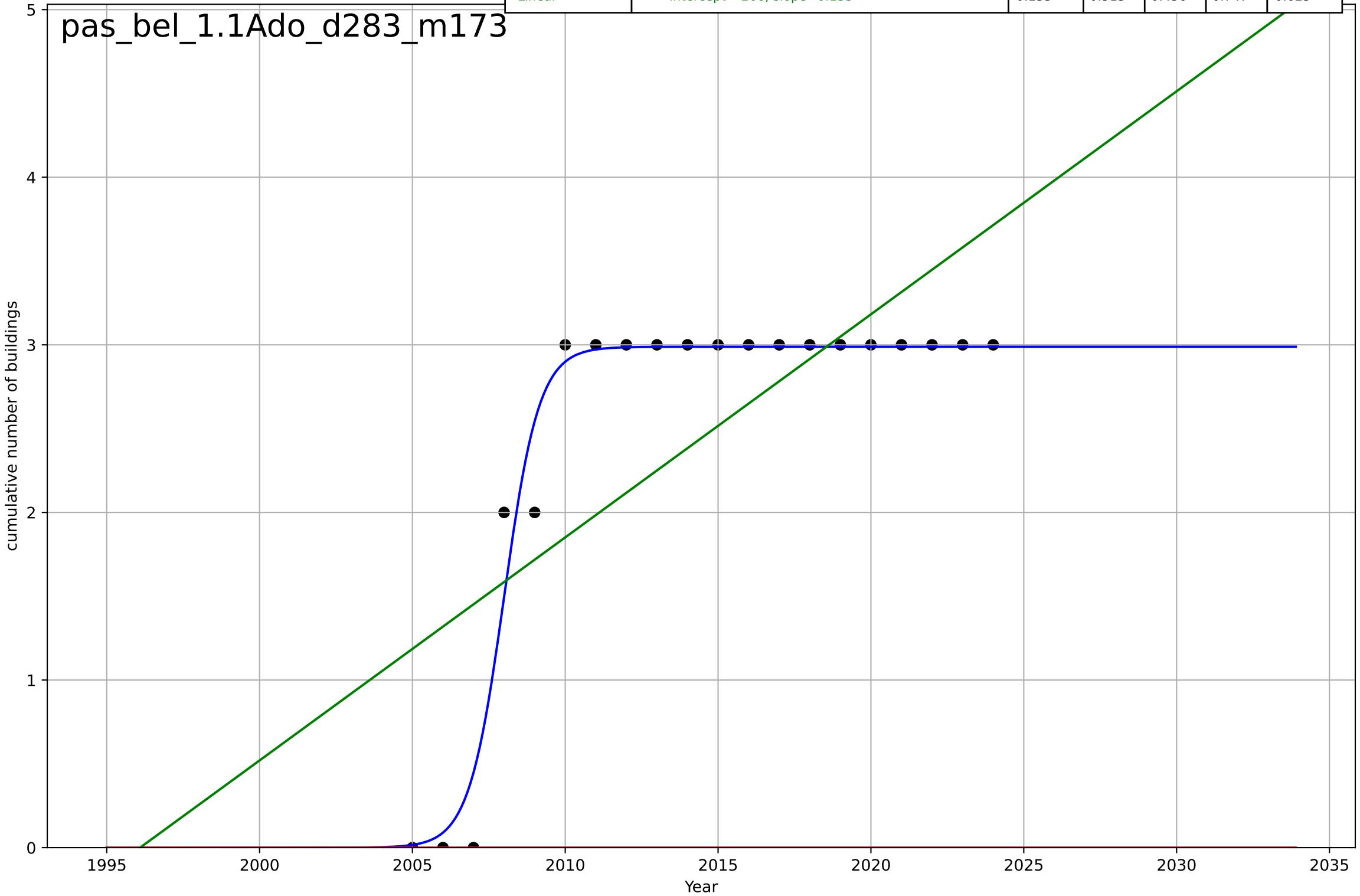
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pas\_bel\_1.1Ado\_d283\_m173

cumulative number of buildings

1995 2000 2005 2010 2015 2020 2025 2030 2035

Year



passive building retrofits

Belgium

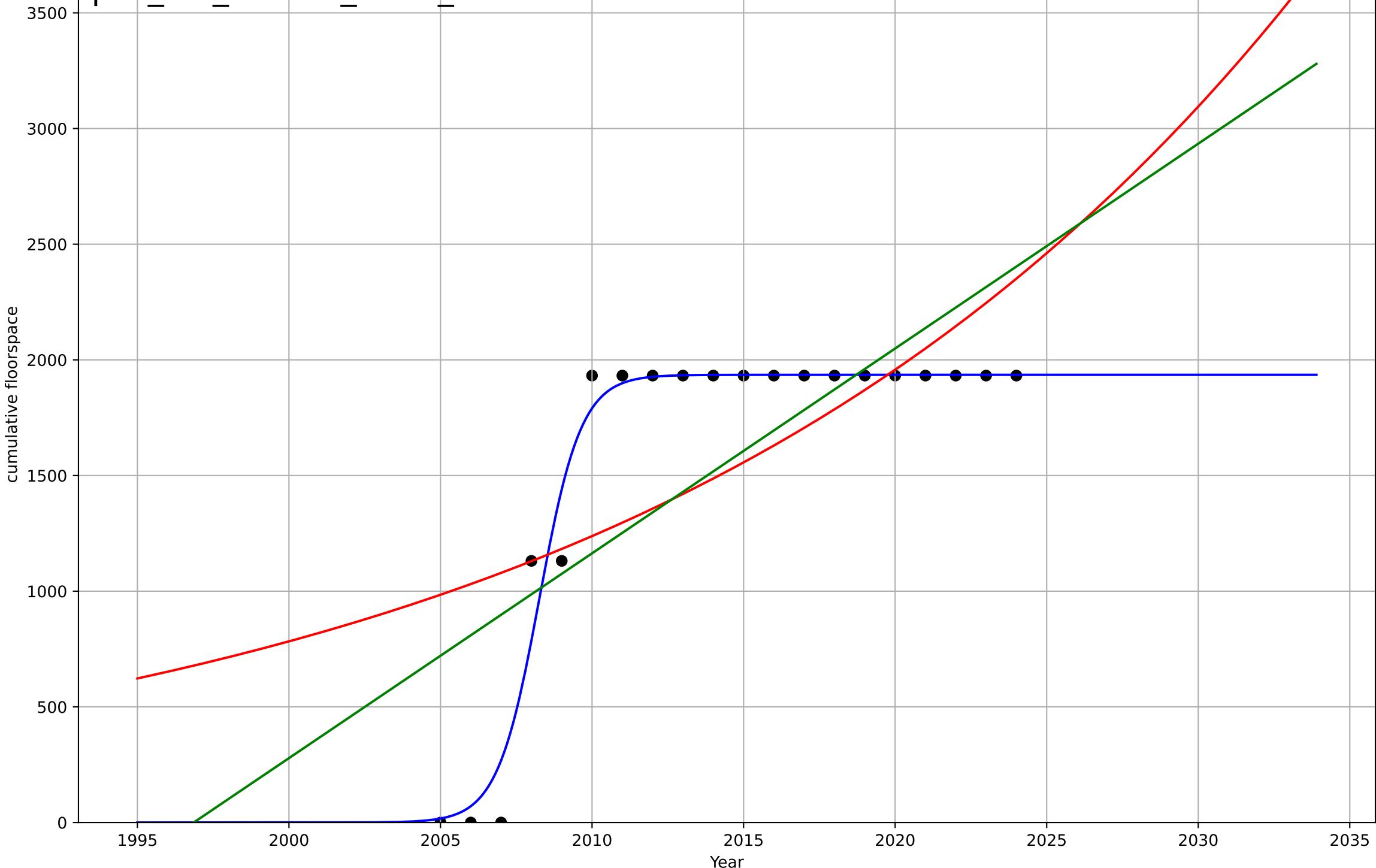
1.1 Adoption over time

cumulative renovation

cumulative floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2008, D_t=3.04, K=1.94e+03$	1.45	0.968	0.962	125	61.4
Exponential	$0.0364 \cdot \exp(0.0458 \cdot (x-1782))$	0.0458	0.434	0.367	525	410
Linear	intercept=-1.77e+05, slope=88.5	88.5	0.535	0.48	476	393

pas\_bel\_1.1Ado\_d283\_m174



passive building retrofits

Belgium

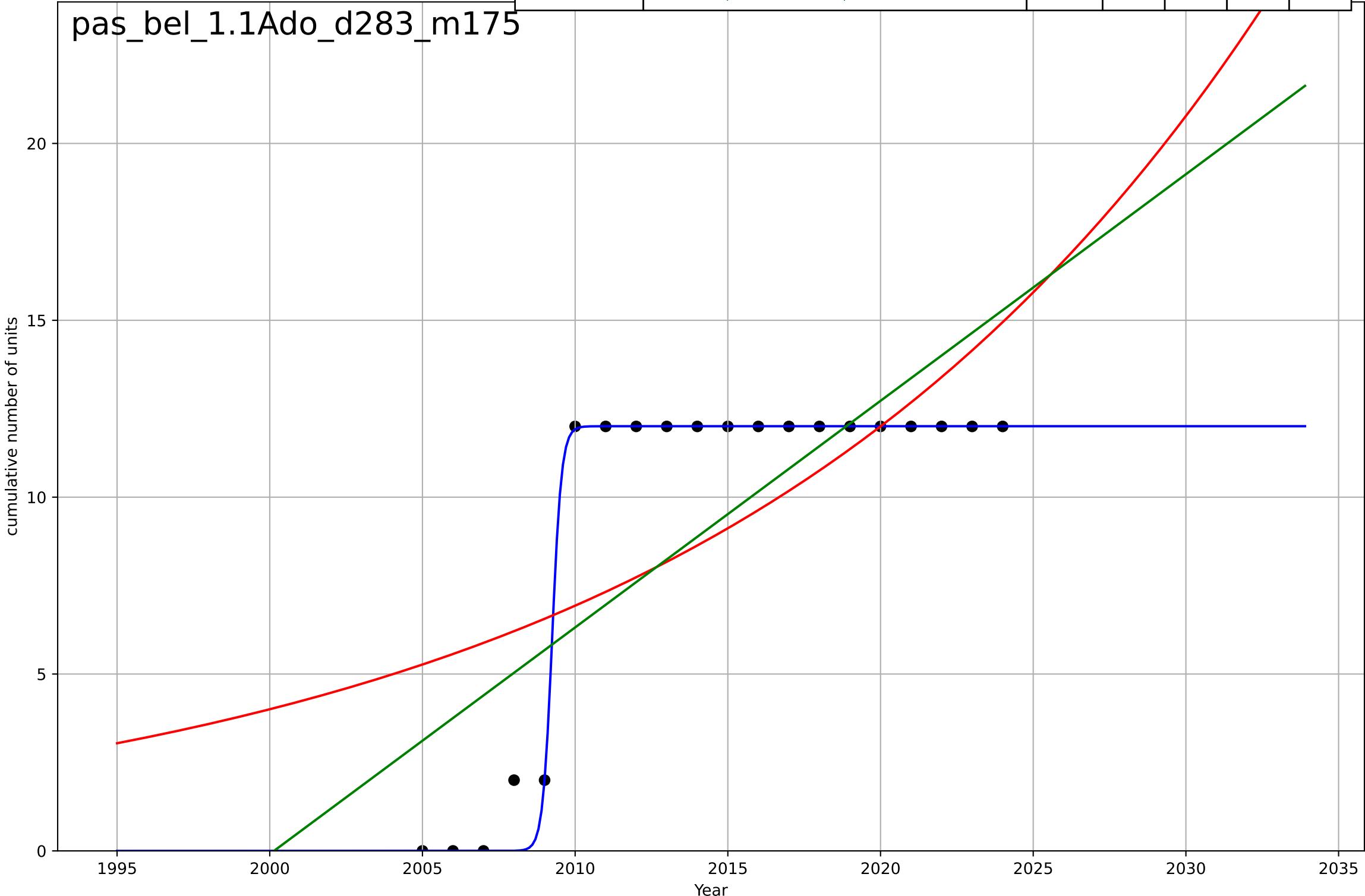
1.1 Adoption over time

cumulative renovation

cumulative number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=0.674, K=12$	6.52	0.992	0.99	0.447	0.108
Exponential	$6.11 \cdot \exp(0.0549 \cdot (x-2008))$	0.0549	0.456	0.392	3.59	3.14
Linear	intercept=-1.28e+03, slope=0.641	0.641	0.574	0.524	3.18	2.81

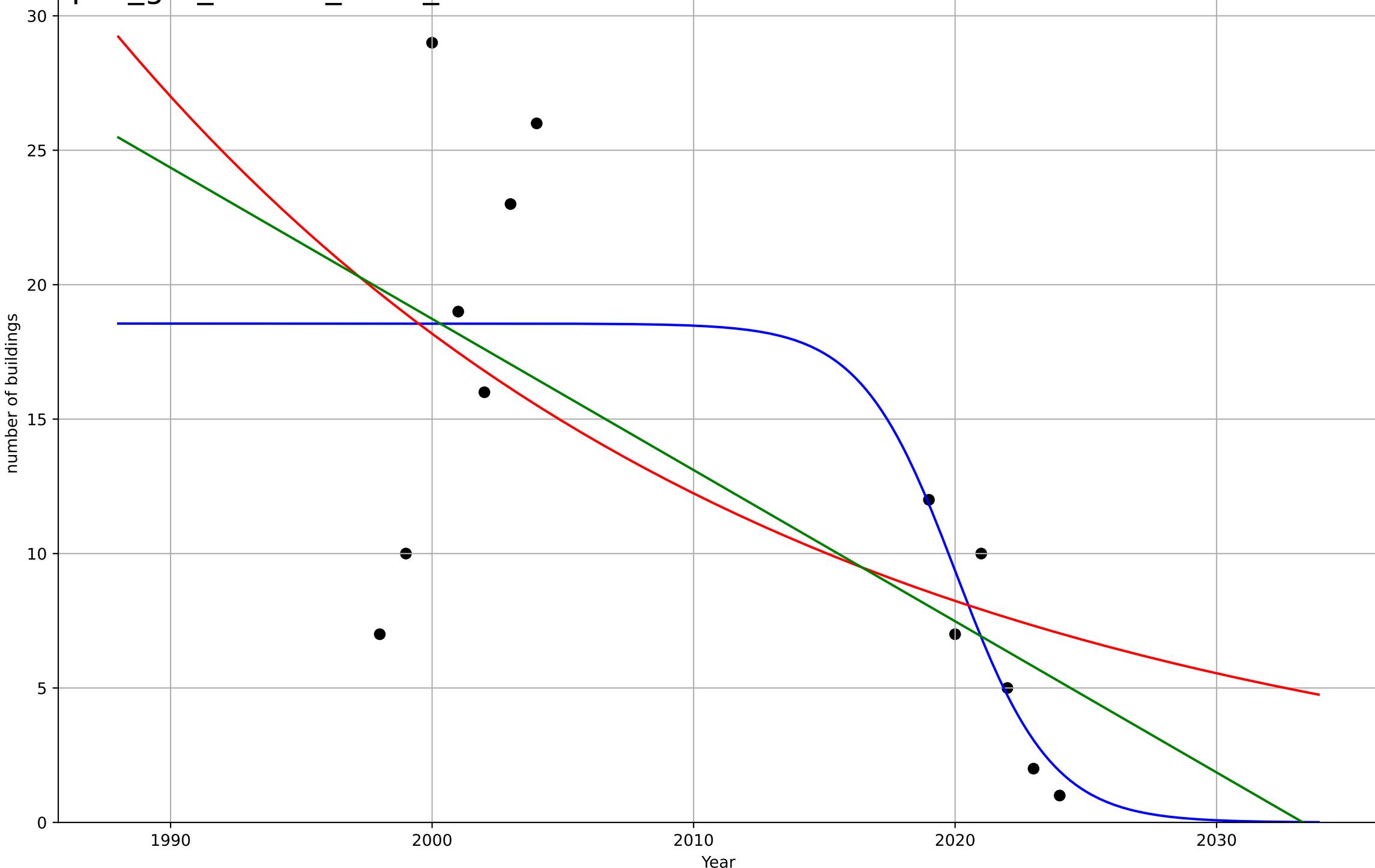
pas\_bel\_1.1Ado\_d283\_m175



passive building retrofits  
 Germany  
 1.1 Adoption over time  
 new building  
 number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=-8.04, K=18.6$	-0.547	0.581	0.441	5.65	4.1
Exponential	$18.8 \cdot \exp(-0.0396 \cdot (x-1999))$	-0.0396	0.388	0.265	6.83	5.6
Linear	intercept=1.14e+03, slope=-0.562	-0.562	0.448	0.338	6.48	5.17

pas\_ger\_1.1Ado\_d222\_m146



passive building retrofits

Germany

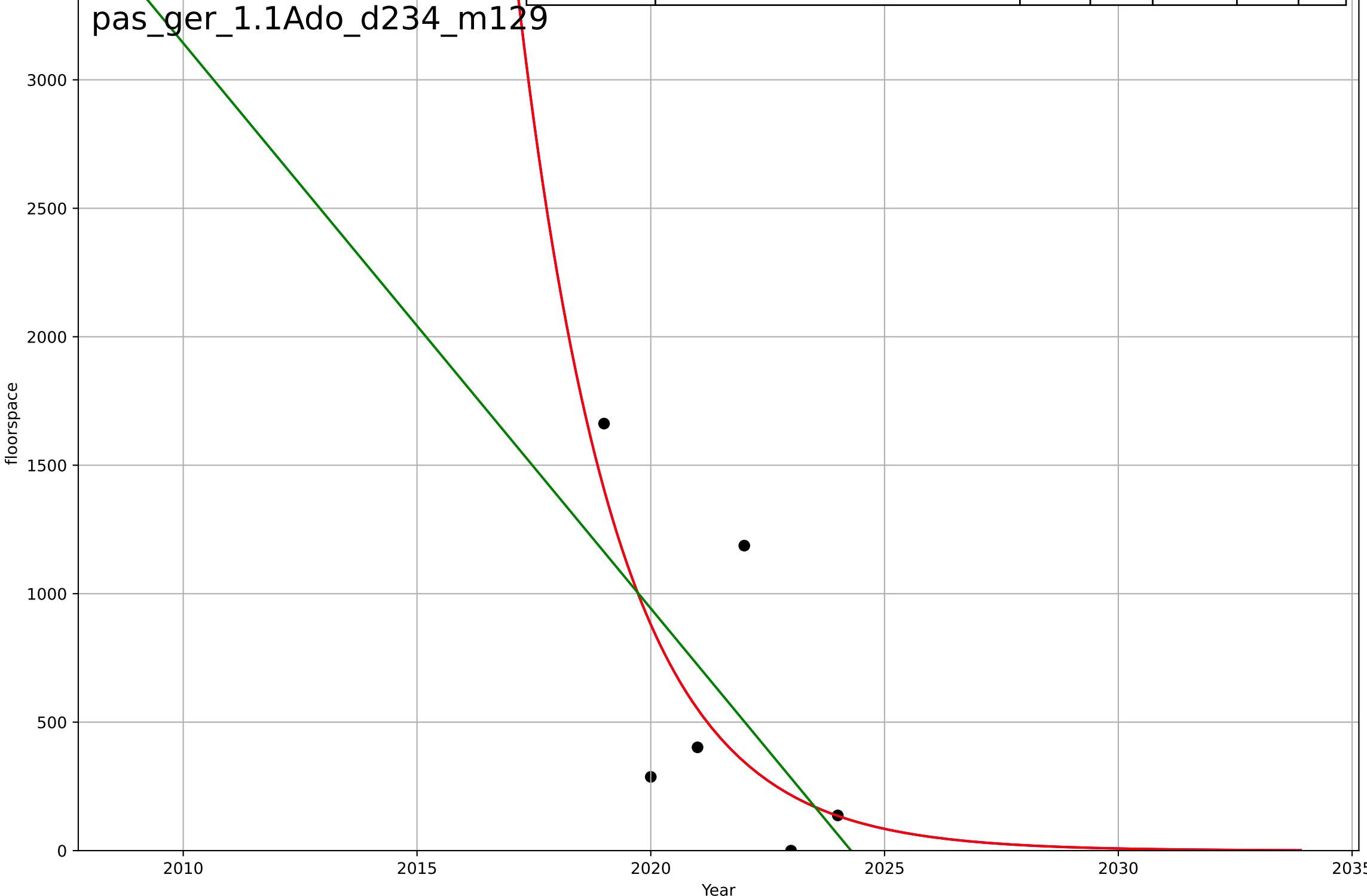
1.1 Adoption over time

renovation

floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1996, D_t=-9.38, K=8.44e+07$	-0.468	0.452	-0.369	446	343
Exponential	$1.05e+03 \cdot \exp(-0.468 \cdot (x-2020))$	-0.468	0.452	0.0874	446	343
Linear	intercept=4.45e+05, slope=-220	-220	0.388	-0.0198	472	420

pas\_ger\_1.1Ado\_d234\_m129



passive building retrofits

Germany

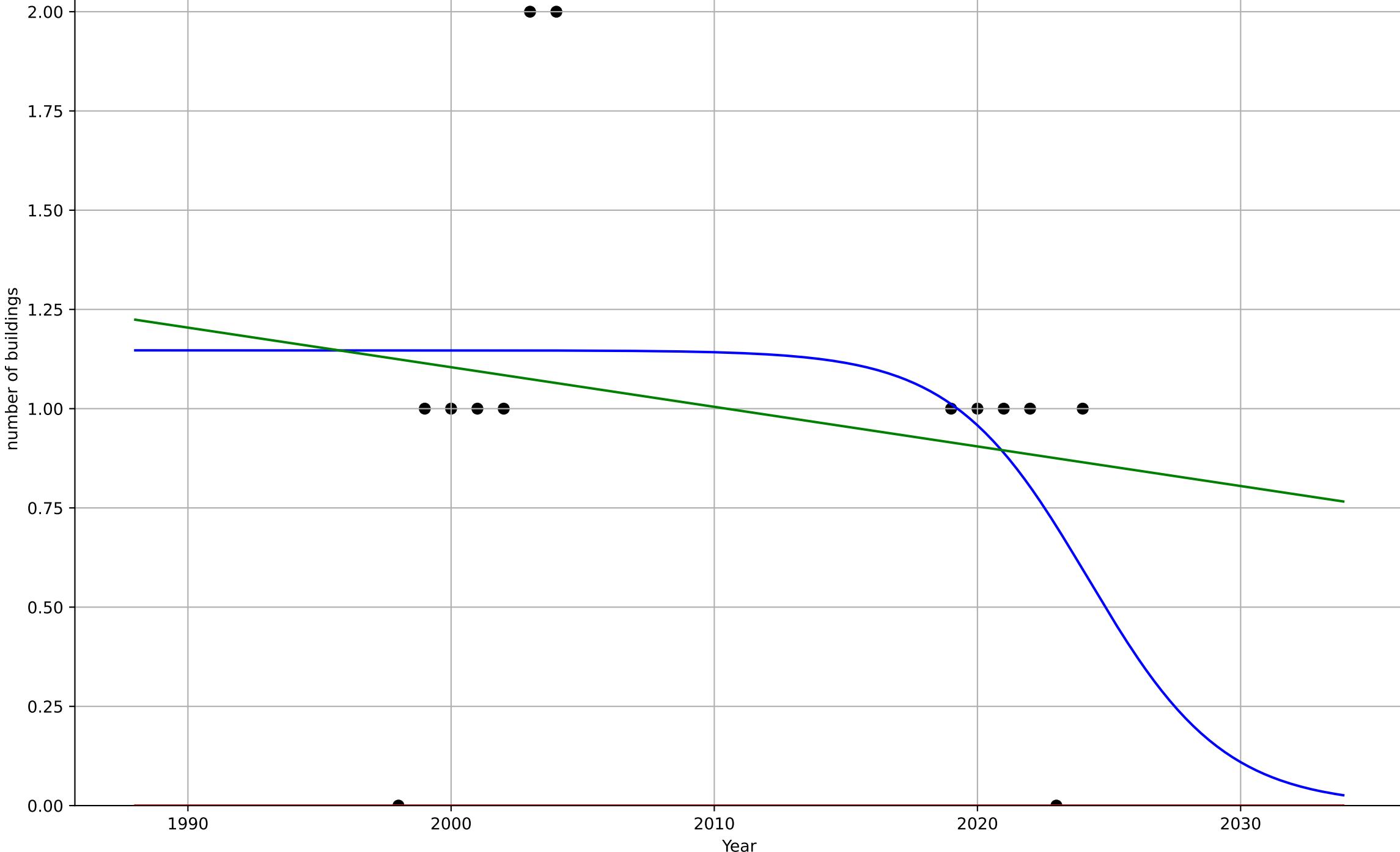
1.1 Adoption over time

renovation

number of buildings

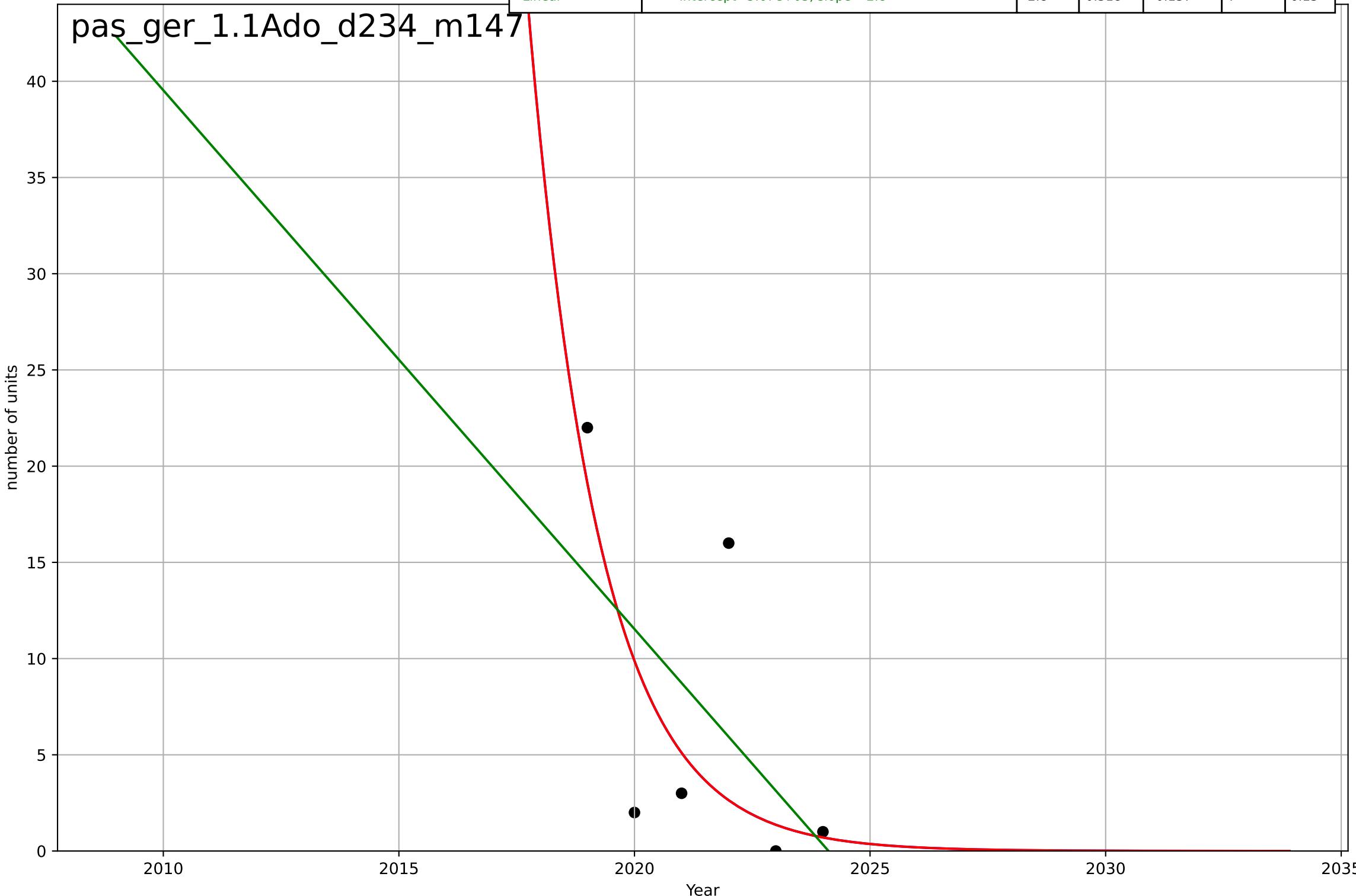
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2024, Dt=-11.3, K=1.15	-0.387	0.107	-0.19	0.524	0.378
Exponential	-1.41e+03*exp(-0.00196*(x-241702))	-0.00196	-3.25	-4.1	1.14	1
Linear	intercept=21.1, slope=-0.00998	-0.00998	0.0349	-0.158	0.545	0.369

pas\_ger\_1.1Ado\_d234\_m146



passive building retrofits  
 Germany  
 1.1 Adoption over time  
 renovation  
 number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2002, D_t=-6.65, K=1.31e+06$	-0.66	0.408	-0.48	6.52	4.65
Exponential	$15.2 \cdot \exp(-0.66 \cdot (x-2019))$	-0.66	0.408	0.0135	6.52	4.65
Linear	intercept=5.67e+03, slope=-2.8	-2.8	0.318	-0.137	7	6.13



passive building retrofits

Germany

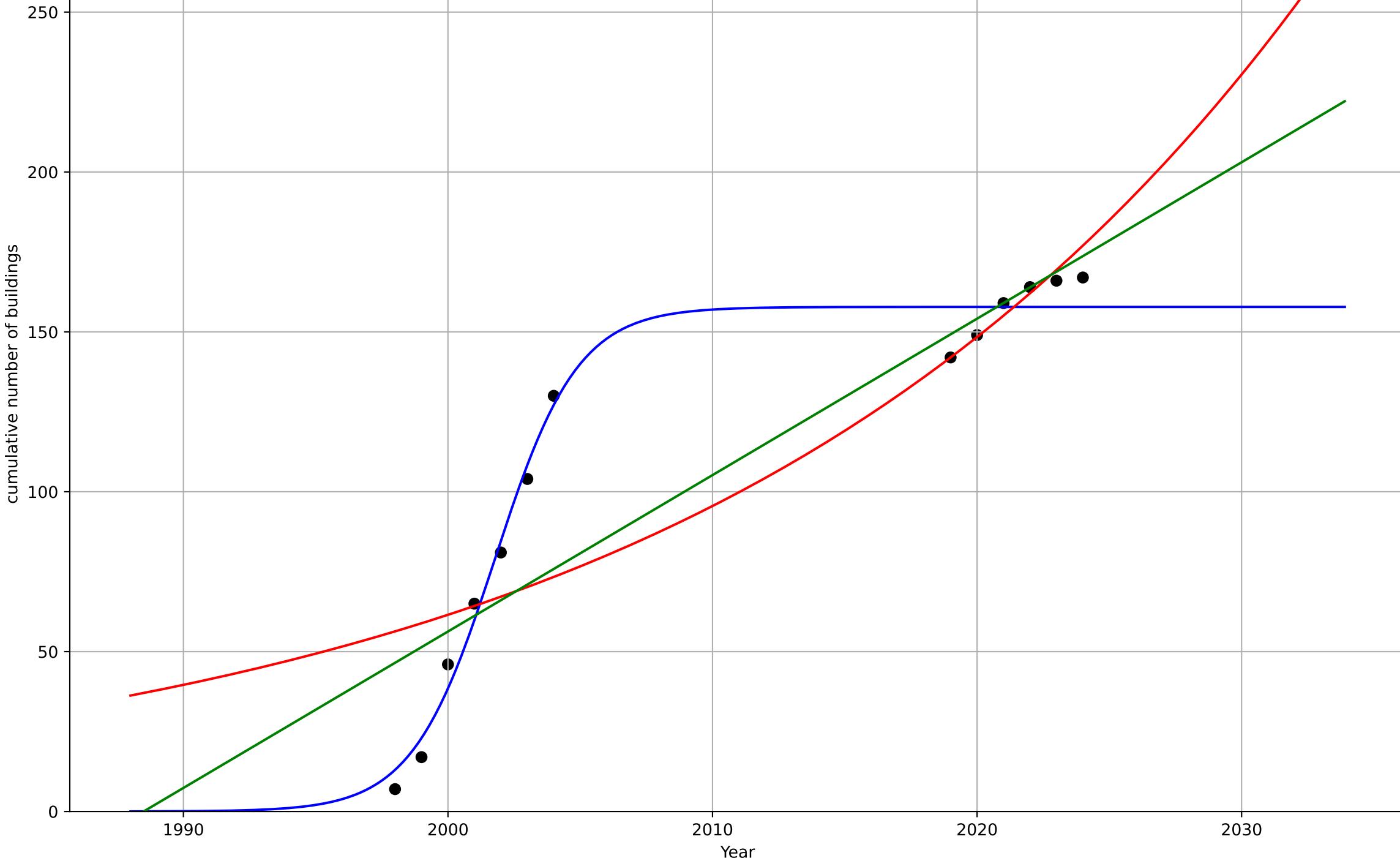
1.1 Adoption over time

cumulative new building

cumulative number of buildings

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2002, Dt=6.88, K=158	0.639	0.983	0.977	7.41	6.53
Exponential	0.371*exp(0.044*(x-1884))	0.044	0.777	0.733	26.5	17.8
Linear	intercept=-9.73e+03, slope=4.89	4.89	0.823	0.787	23.6	16.3

pas\_ger\_1.1Ado\_d282\_m173



passive building retrofits

Germany

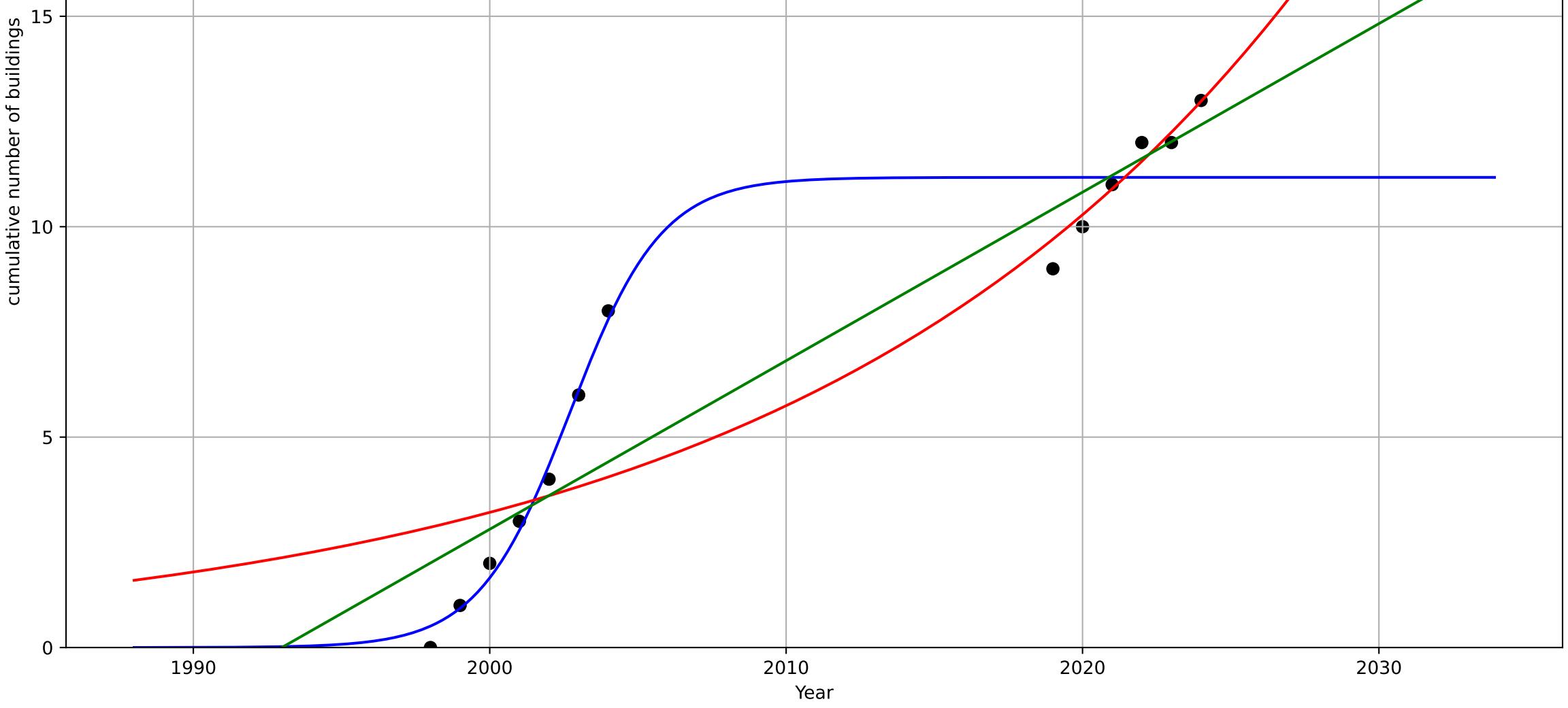
1.1 Adoption over time

cumulative renovation

cumulative number of buildings

pas\_ger\_1.1Ado\_d283\_m173

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=6.79, K=11.2$	0.647	0.955	0.94	0.938	0.676
Exponential	$9.63 \cdot \exp(0.0582 \cdot (x-2019))$	0.0582	0.86	0.832	1.65	1.14
Linear	intercept=-798, slope=0.401	0.401	0.893	0.872	1.44	1.06



passive building retrofits

Germany

1.1 Adoption over time

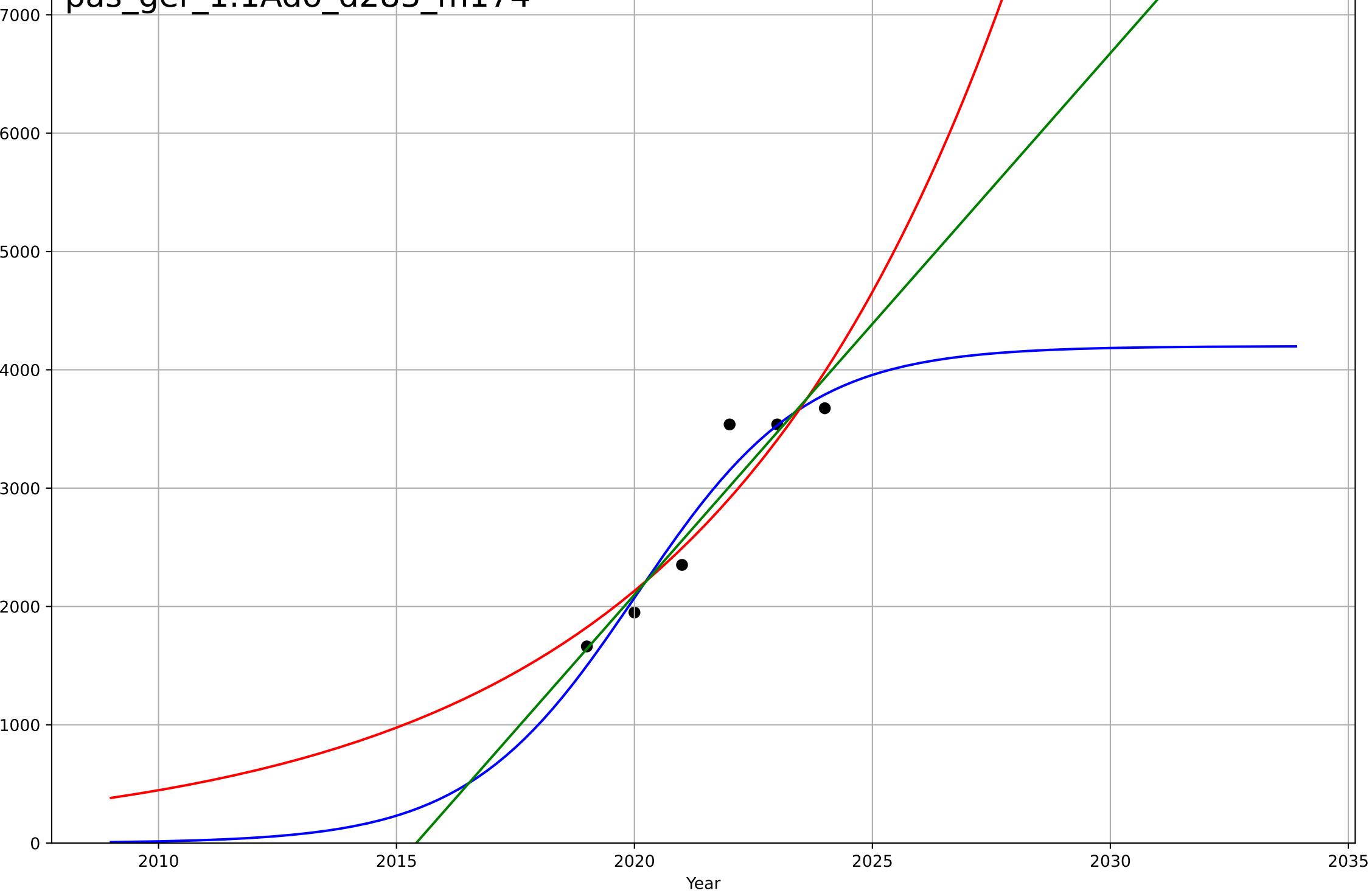
cumulative renovation

cumulative floorspace

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=7.8, K=4.2e+03	0.563	0.928	0.819	222	183
Exponential	1.45e-05*exp(0.156*(x-1900))	0.156	0.857	0.762	311	258
Linear	intercept=-9.22e+05, slope=458	458	0.9	0.833	261	203

pas\_ger\_1.1Ado\_d283\_m174

cumulative floorspace



passive building retrofits

Germany

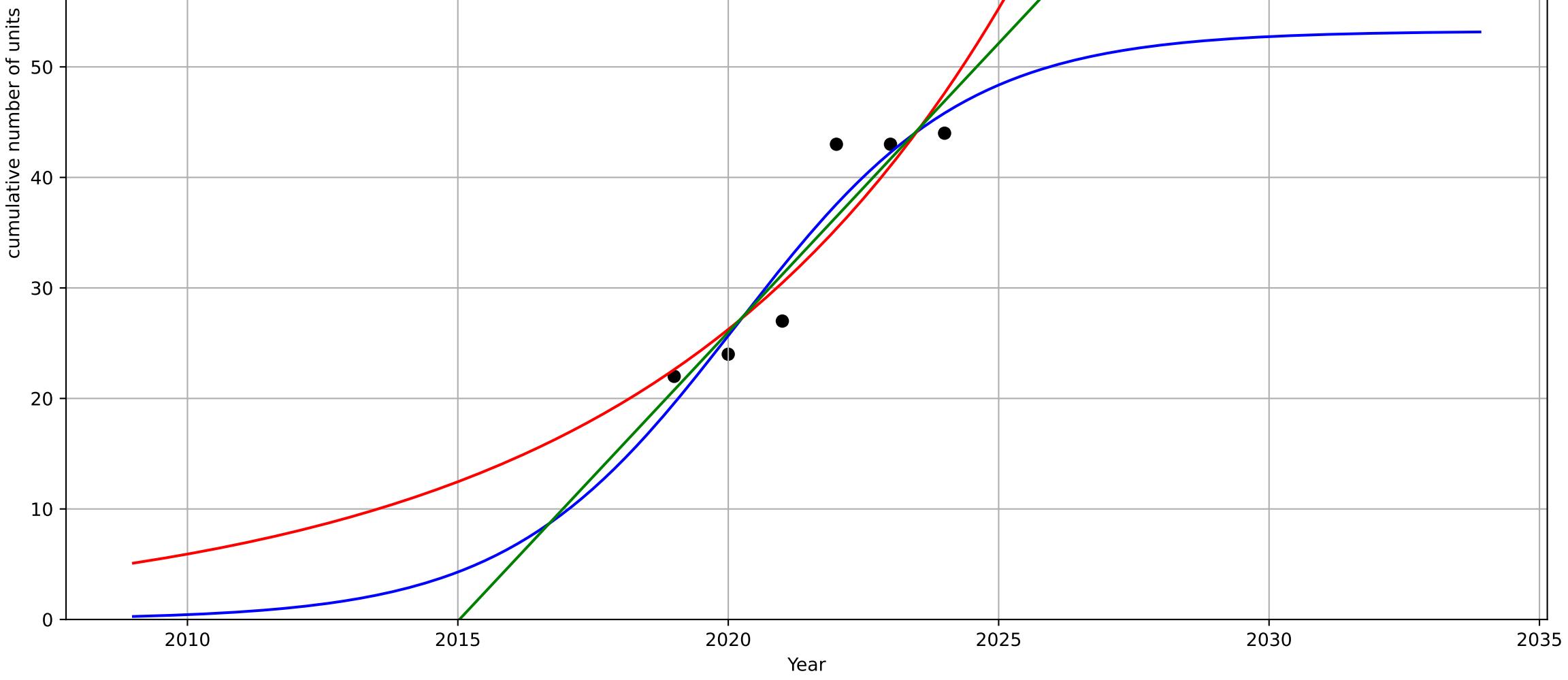
1.1 Adoption over time

cumulative renovation

cumulative number of units

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=9.3, K=53.2	0.473	0.881	0.702	3.32	2.83
Exponential	0.114*exp(0.149*(x-1984))	0.149	0.833	0.721	3.93	3.26
Linear	intercept=-1.05e+04, slope=5.23	5.23	0.862	0.77	3.57	3.04

pas\_ger\_1.1Ado\_d283\_m175



passive building retrofits

Global

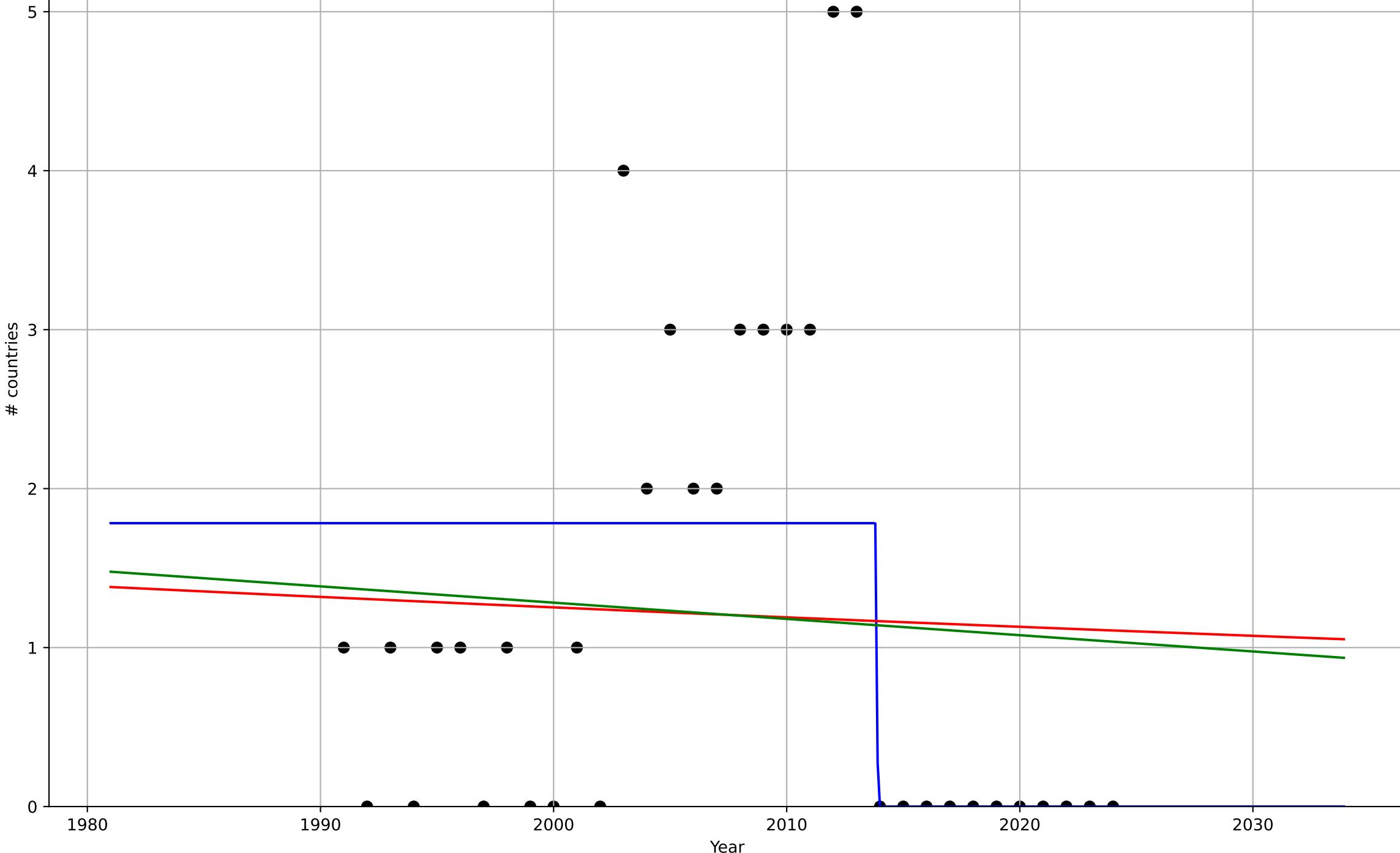
4.3 Compatibility

# new countries with passive buildings

# countries

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=-0.0503, K=1.78$	-87.3	0.297	0.227	1.28	0.905
Exponential	$2.37 \cdot \exp(-0.00513 \cdot (x-1876))$	-0.00513	0.0026	-0.0617	1.53	1.28
Linear	intercept=21.8, slope=-0.0102	-0.0102	0.00431	-0.0599	1.53	1.28

pas\_glo\_4.3Com\_d002\_m010



passive building retrofits

Global

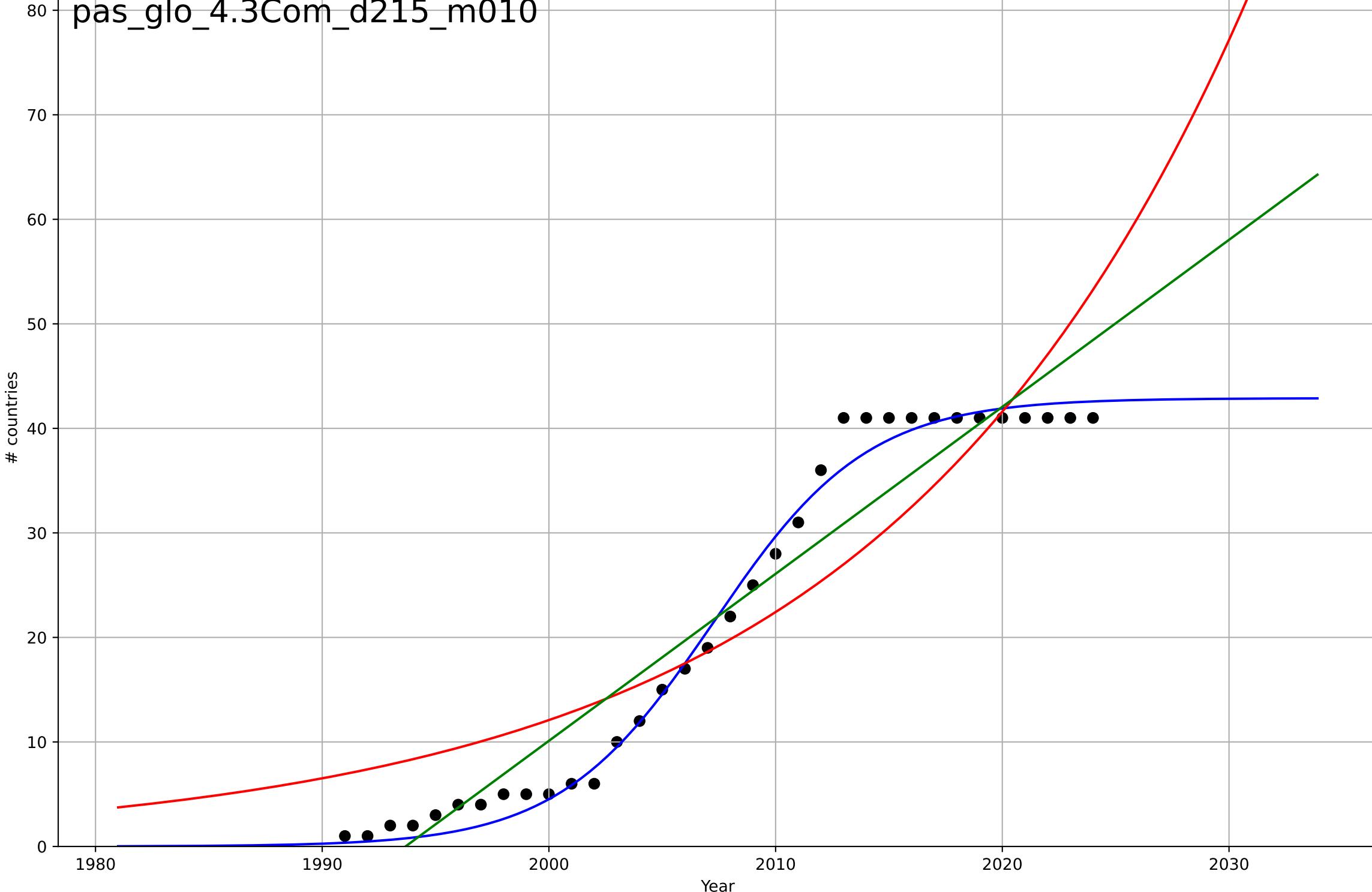
4.3 Compatibility

cumulative # countries with passive buildings

# countries

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2007, D_t=14.9, K=42.9$	0.295	0.99	0.989	1.66	1.36
Exponential	$2.09 \cdot \exp(0.0618 \cdot (x-1972))$	0.0618	0.823	0.811	6.87	6.01
Linear	intercept=-3.19e+03, slope=1.6	1.6	0.923	0.918	4.53	3.79

pas\_glo\_4.3Com\_d215\_m010



passive building retrofits

Ireland

1.1 Adoption over time

Building Energy Rating issuances

number of A1 rated buildings certificates

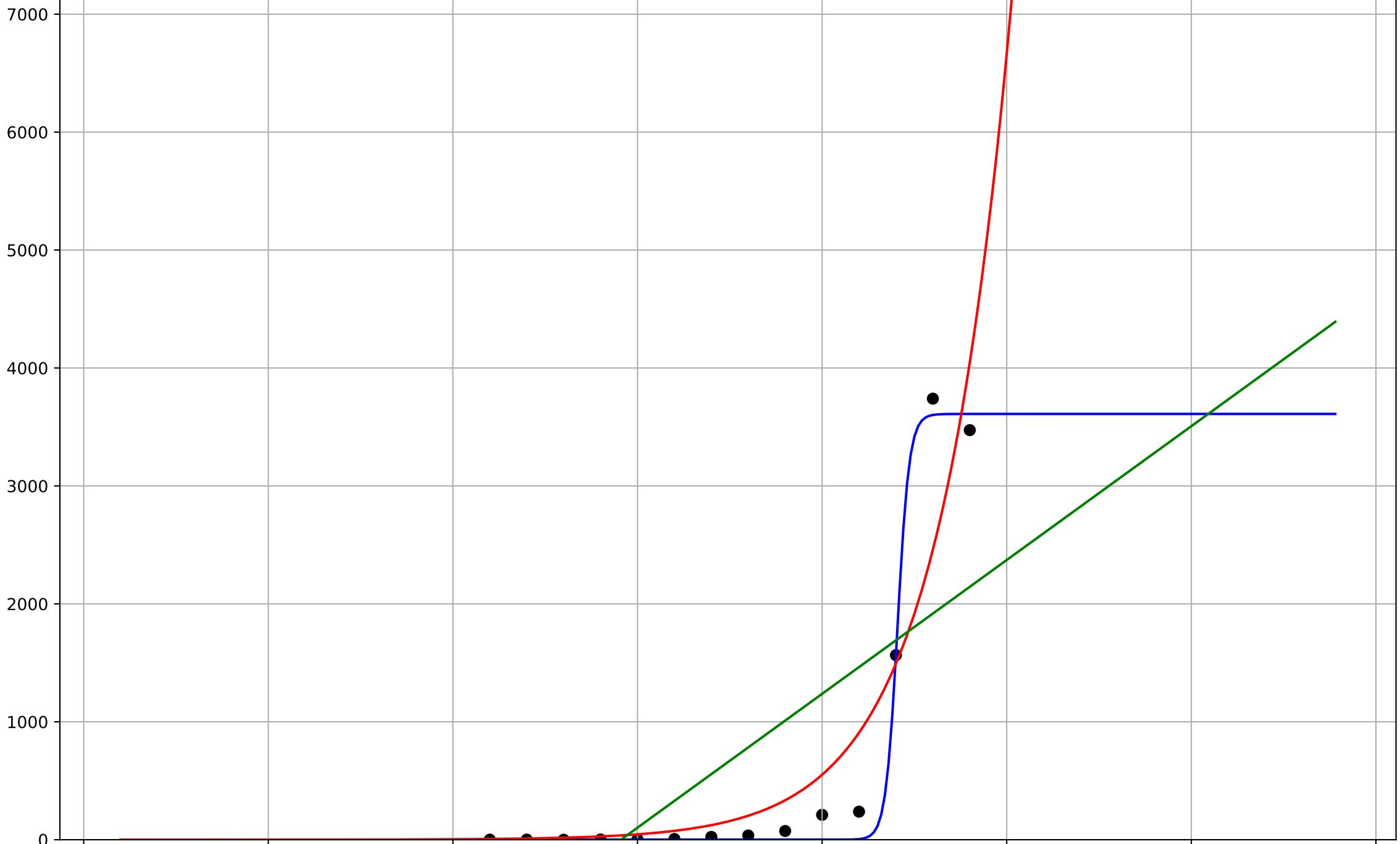
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=0.699, K=3.61e+03$	6.29	0.994	0.992	101	62.1
Exponential	$5.15e-11 \cdot \exp(0.499 \cdot (x-1960))$	0.499	0.881	0.86	435	259
Linear	intercept=-4.57e+05, slope=227	227	0.525	0.438	871	716

pas\_ire\_1.1Ado\_d064\_m145

number of A1 rated buildings certificates

2000 2005 2010 2015 2020 2025 2030 2035

Year



passive building retrofits

Ireland

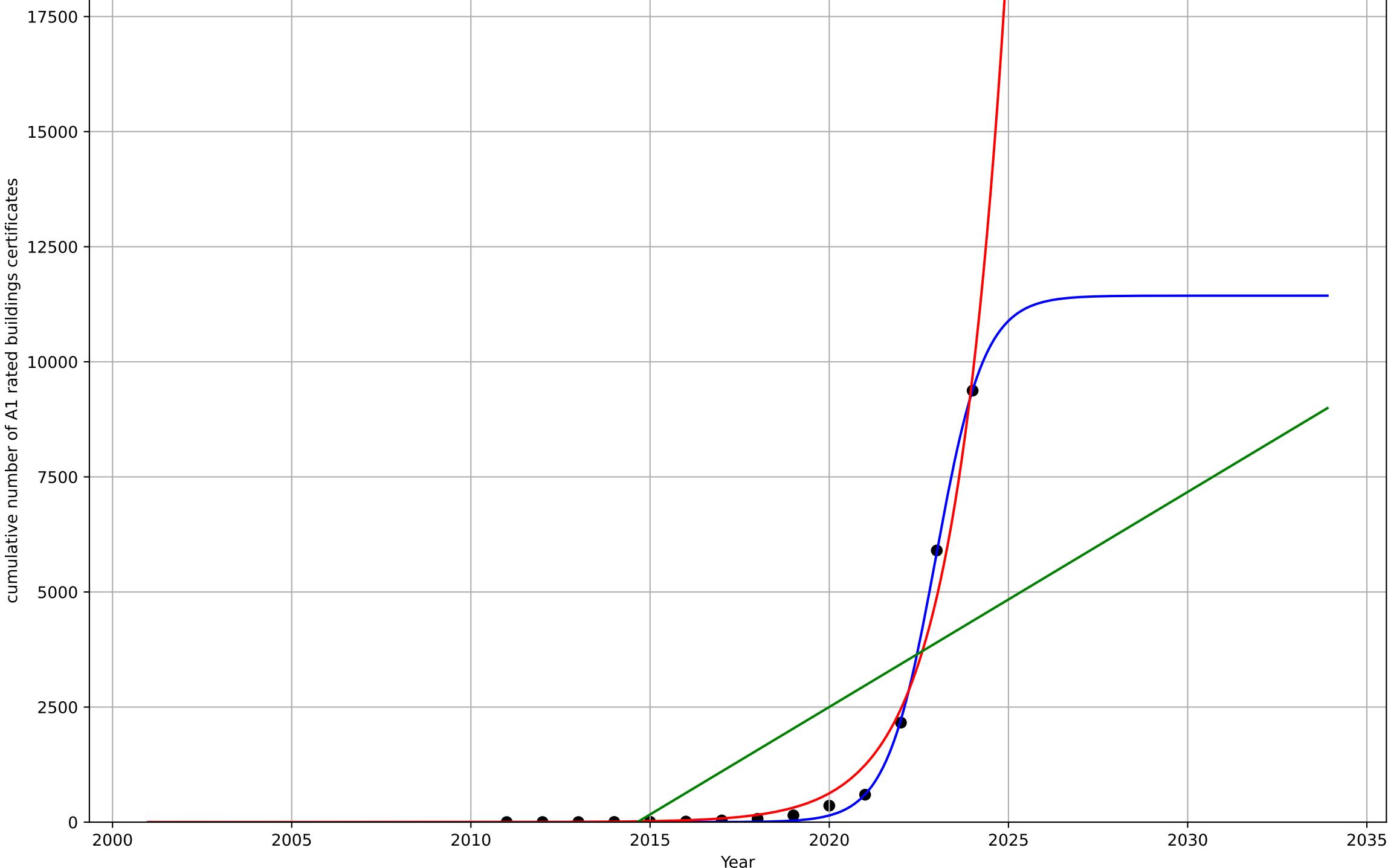
1.1 Adoption over time

cumulative Building Energy Rating issuances

cumulative number of A1 rated buildings certif

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2023, D_t=2.99, K=1.14e+04$	1.47	0.999	0.999	70.8	41.3
Exponential	$1.87e-15 \cdot \exp(0.685 \cdot (x-1961))$	0.685	0.983	0.98	354	207
Linear	intercept=-9.41e+05, slope=467	467	0.482	0.388	1.95e+03	1.57e+03

pas\_ire\_1.1Ado\_d284\_m176



postage stamps

UK

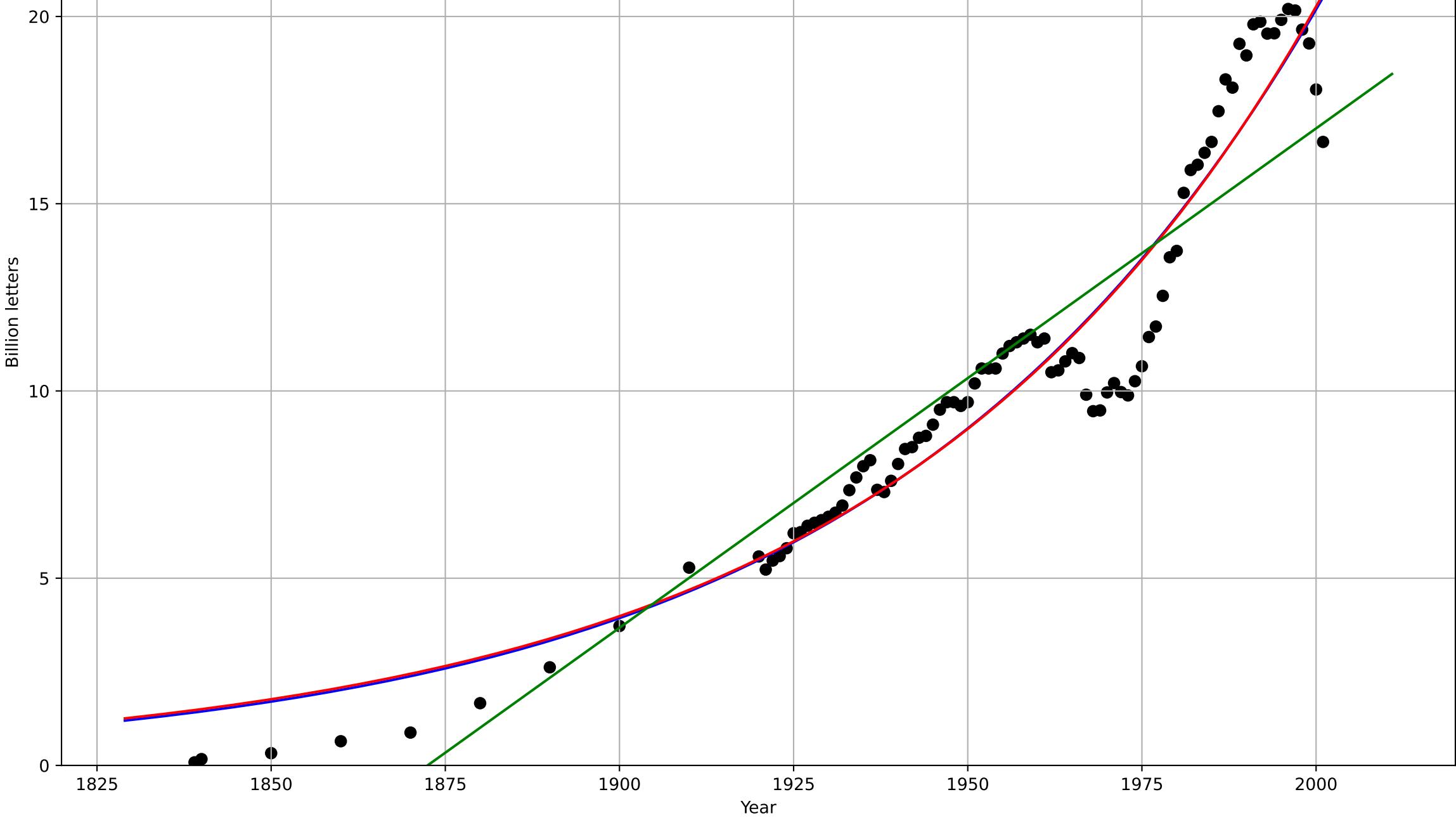
### 1.1 Adoption over time

No. of letters posted via Royal Mail (excludes paid postage stamps)

Billion letters

pos\_uki\_1.1Ado\_d130\_m095

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2161, Dt=260, K=326$	0.0169	0.928	0.926	1.38	1.1
Exponential	$6.77 \cdot \exp(0.0163 \cdot (x - 1933))$	0.0163	0.928	0.927	1.38	1.1
Linear	intercept=-250, slope=0.133	0.133	0.851	0.847	2	1.55



postage stamps

UK

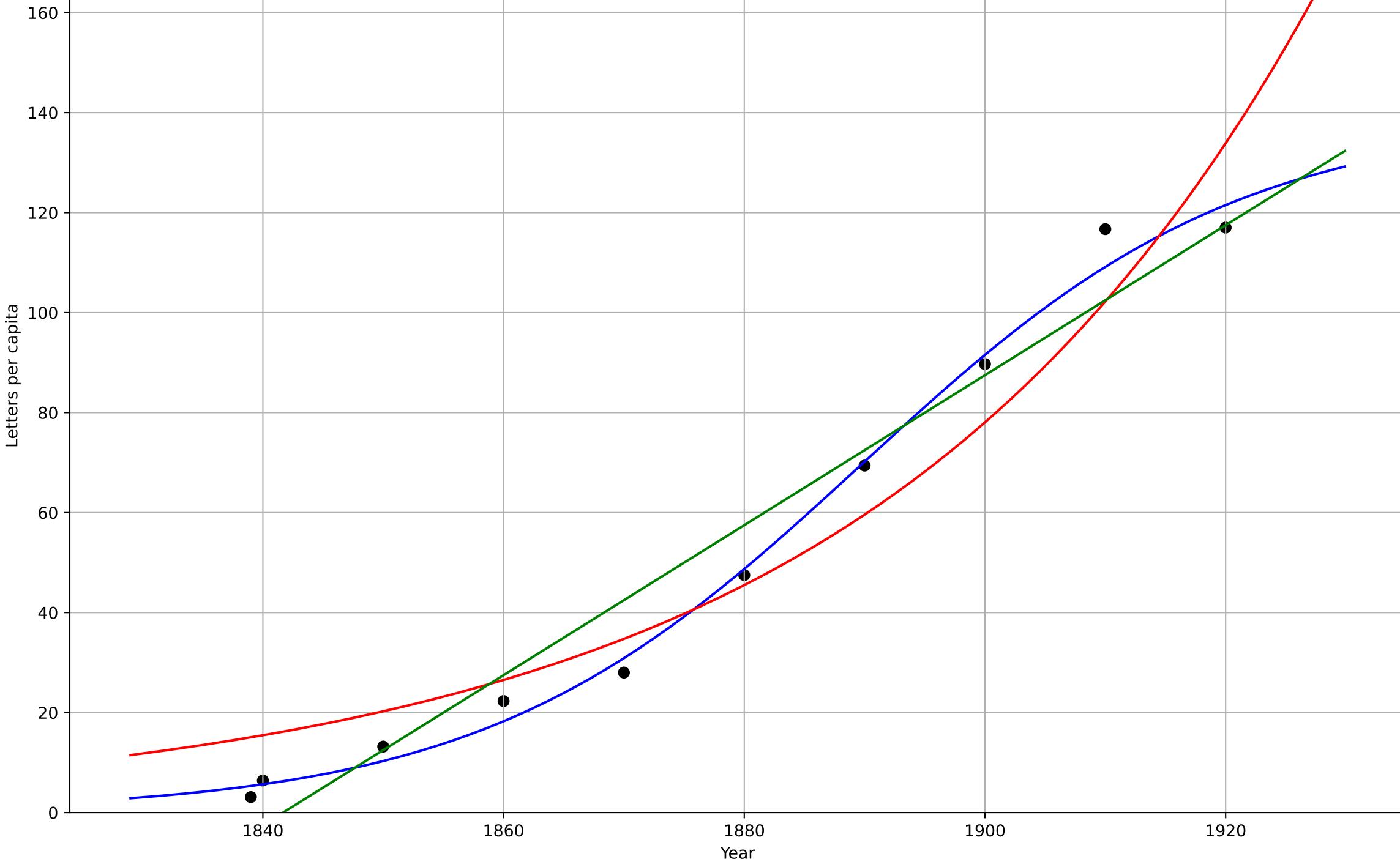
### 1.1 Adoption over time

No. of letters posted via Royal Mail (excludes parcels)

Letters per capita

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1890, D_t=69.1, K=139$	0.0636	0.993	0.99	3.49	2.87
Exponential	$3.79 \cdot \exp(0.027 \cdot (x-1788))$	0.027	0.939	0.922	10.3	9.39
Linear	intercept=-2.76e+03, slope=1.5	1.5	0.961	0.95	8.27	6.64

pos\_uki\_1.1Ado\_d130\_m105



postage stamps

UK

2.1 Learning

Costs of a standard letter

Nominal cost (uninflated)

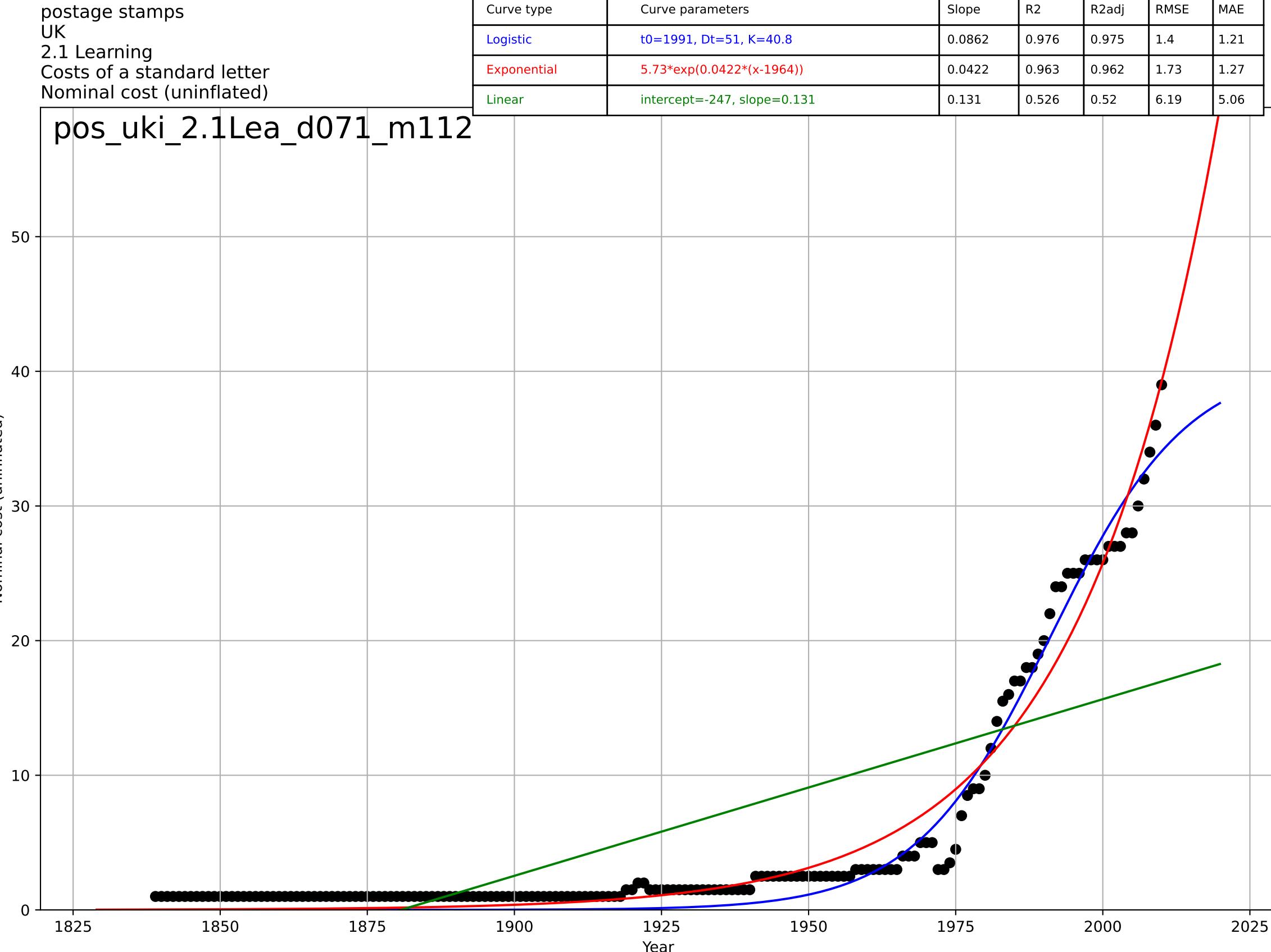
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1991, Dt=51, K=40.8	0.0862	0.976	0.975	1.4	1.21
Exponential	5.73*exp(0.0422*(x-1964))	0.0422	0.963	0.962	1.73	1.27
Linear	intercept=-247, slope=0.131	0.131	0.526	0.52	6.19	5.06

pos\_uki\_2.1Lea\_d071\_m112

Nominal cost (uninflated)

1825 1850 1875 1900 1925 1950 1975 2000 2025

Year



postage stamps

UK

2.2 Relative Advantage [Profitability]:

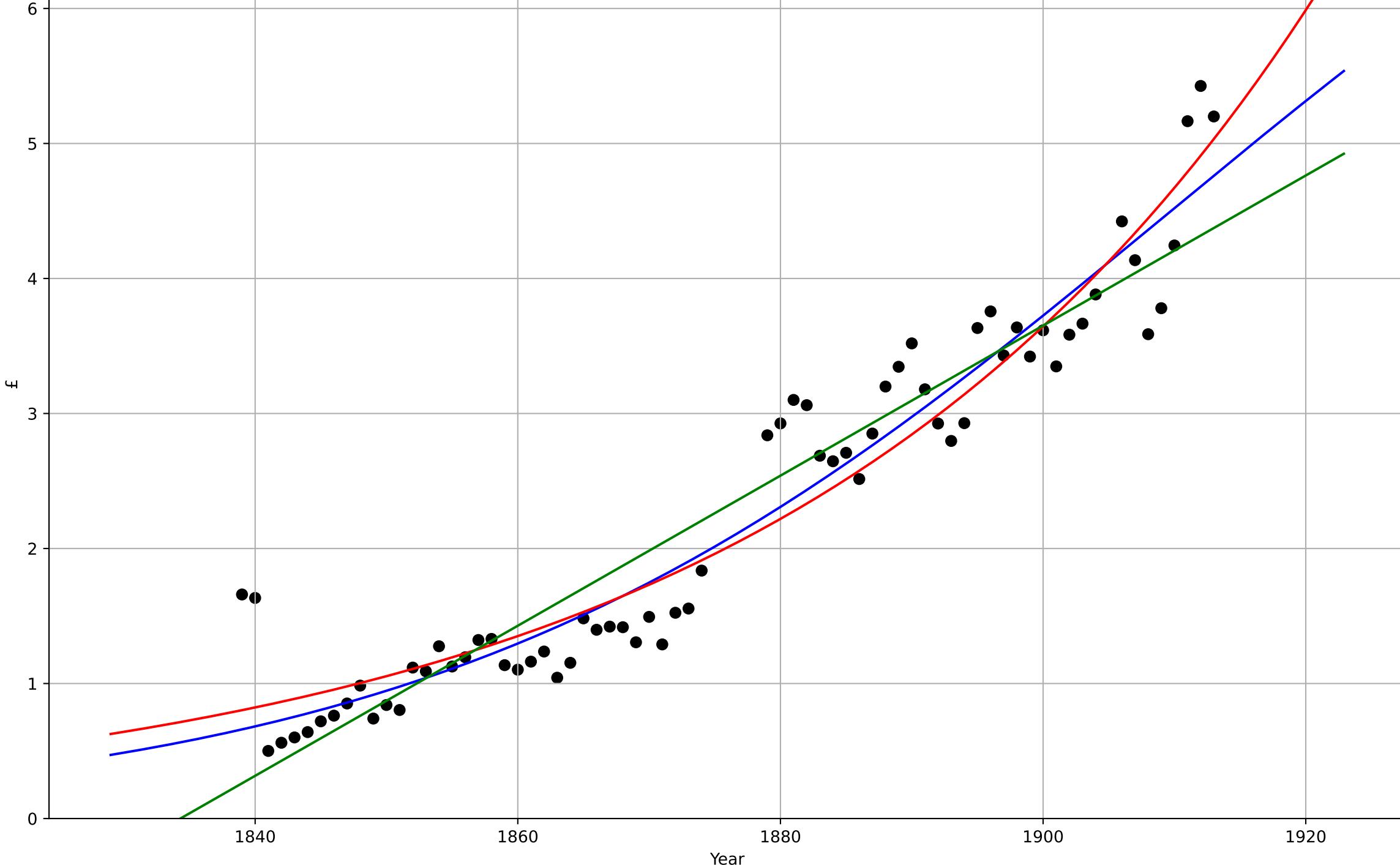
Net Revenue

£

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1909, D_t=122, K=8.94e+06$	0.036	0.924	0.921	3.59e+05	2.8e+05
Exponential	$7.75 \cdot \exp(0.0248 \cdot (x-1374))$	0.0248	0.919	0.916	3.71e+05	2.98e+05
Linear	intercept=-1.02e+08, slope=5.56e+04	5.56e+04	0.893	0.889	4.27e+05	3.14e+05

pos\_uki\_2.2Rel\_d125\_m151



postage stamps

UK

4.2 Knowledge flows

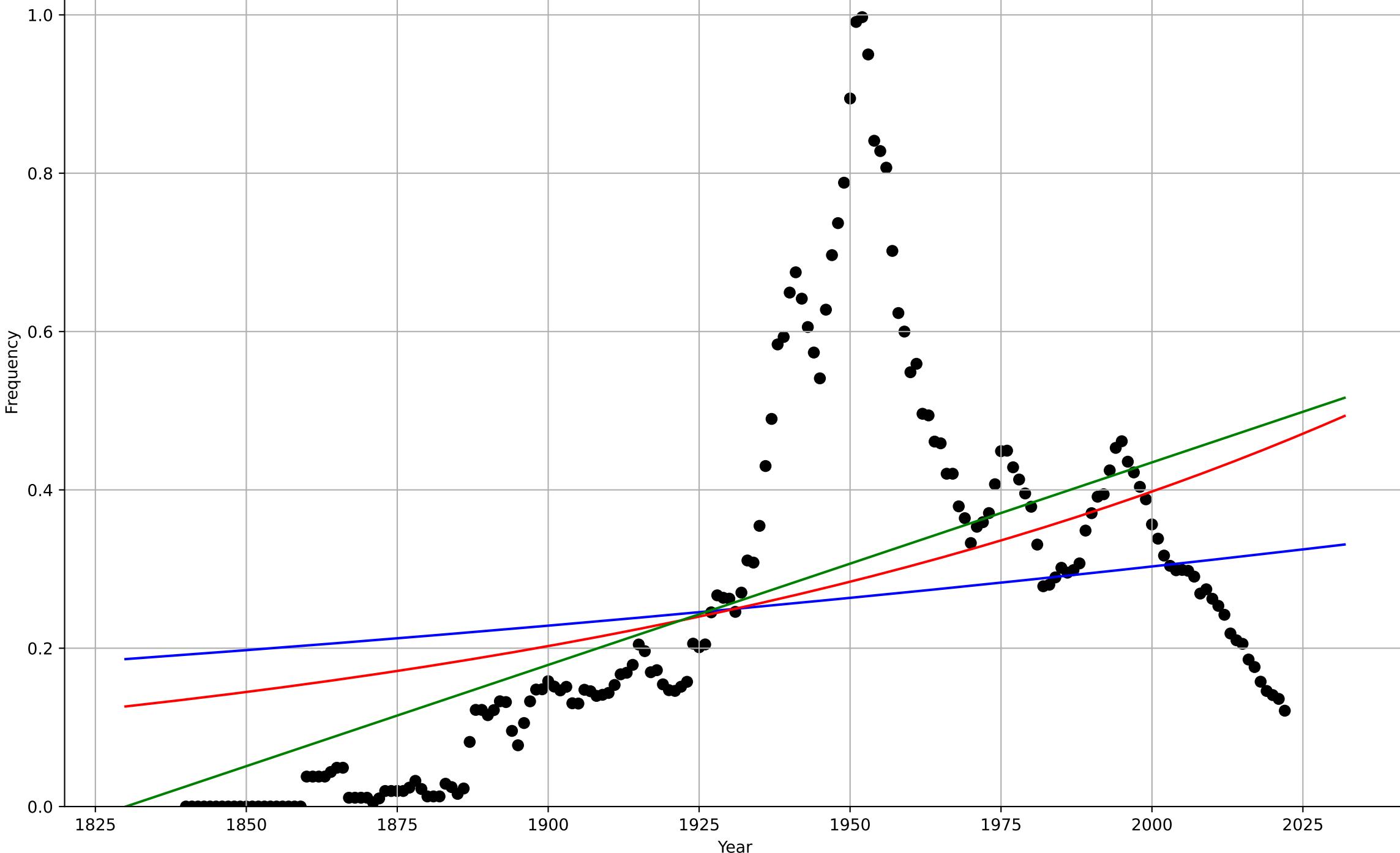
Frequency of the word "postage stamp" in ngrams

Frequency

1e-8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2544, Dt=1.35e+03, K=2.07e-08$	0.00324	0.156	0.142	2.12e-09	1.62e-09
Exponential	$7.28 \cdot \exp(0.00674 \cdot (x-5162))$	0.00674	0.242	0.233	2.01e-09	1.48e-09
Linear	intercept=-4.68e-08, slope=2.56e-11	2.56e-11	0.344	0.337	1.87e-09	1.25e-09

pos\_uki\_4.2Kme\_d104\_m097



postage stamps

UK

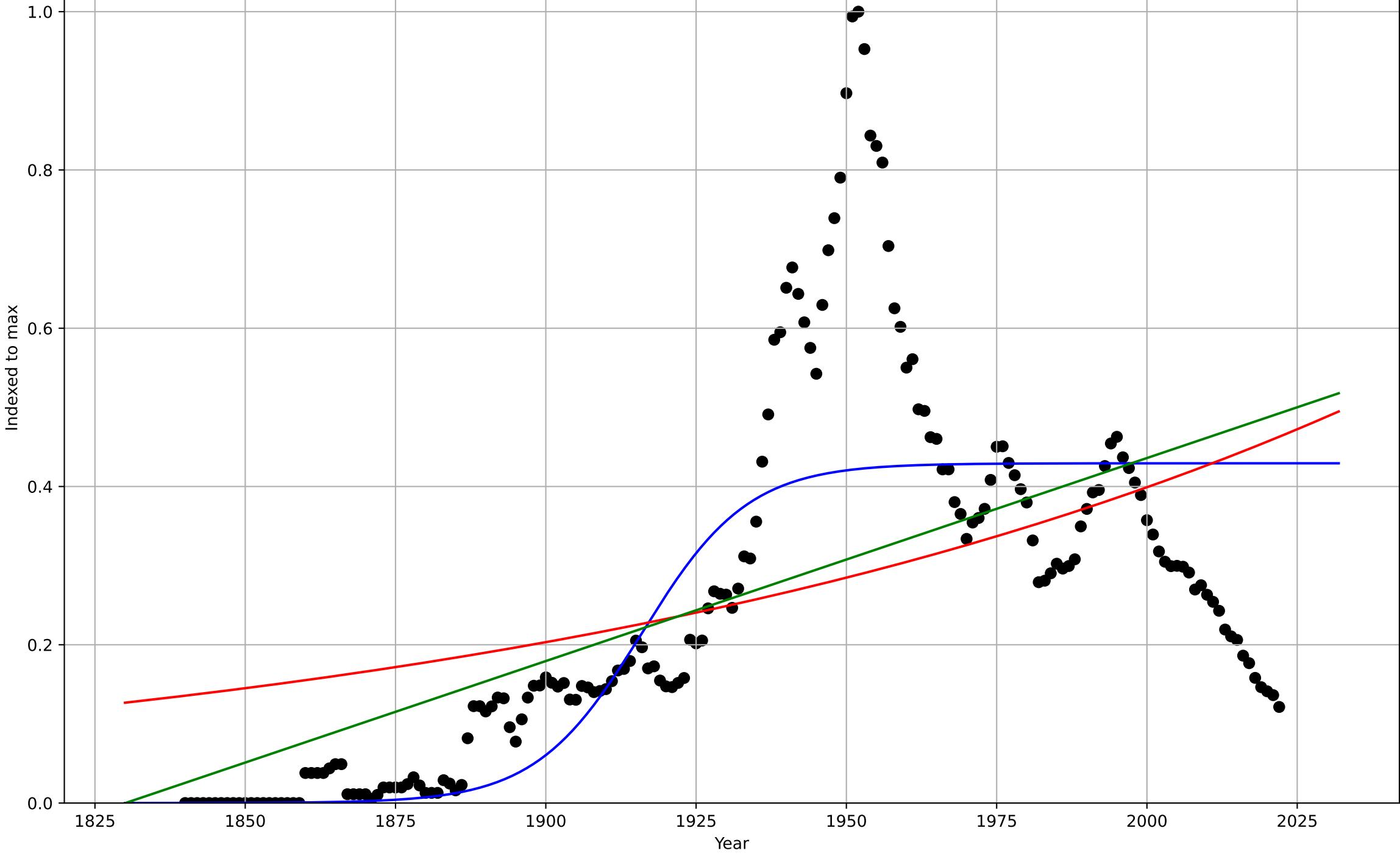
4.2 Knowledge flows

Frequency of the word "postage stamp" in ngrams

Indexed to max

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1916, D_t=38.8, K=0.429$	0.113	0.587	0.58	0.148	0.097
Exponential	$12 \cdot \exp(0.00674 \cdot (x - 2505))$	0.00674	0.242	0.233	0.201	0.149
Linear	intercept=-4.69, slope=0.00257	0.00257	0.344	0.337	0.187	0.125

pos\_uki\_4.2Kme\_d104\_m102



postage stamps

UK

4.2 Knowledge flows

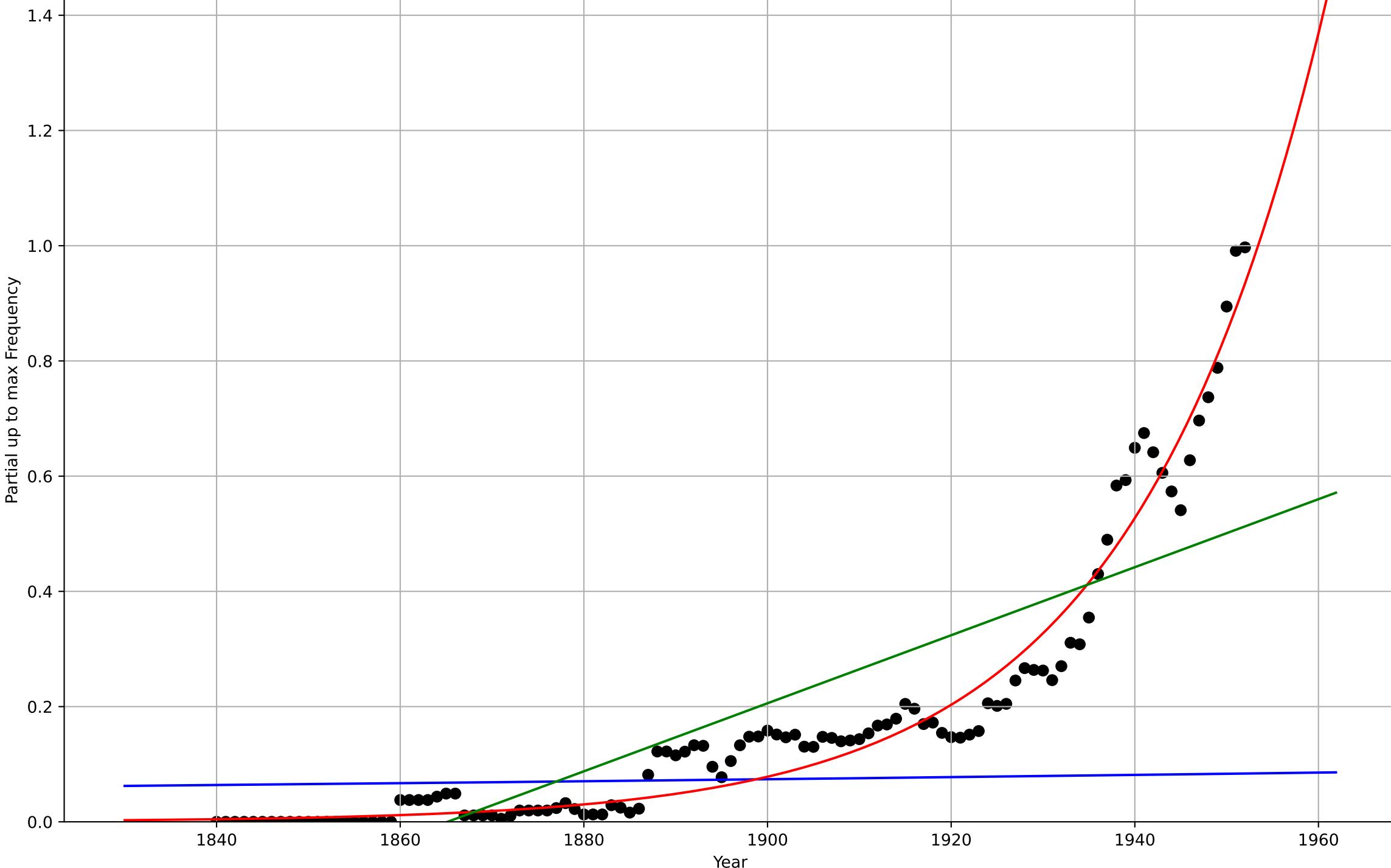
Partial up to max Frequency of the word "postage

Partial up to max Frequency

1e-8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=3644, Dt=1.79e+03, K=5.48e-08$	0.00246	-0.177	-0.21	2.52e-09	1.54e-09
Exponential	$25.8 \cdot \exp(0.0477 \cdot (x-2408))$	0.0477	0.957	0.956	4.84e-10	3.69e-10
Linear	intercept=-1.1e-07, slope=5.9e-11	5.9e-11	0.686	0.68	1.3e-09	1.03e-09

pos\_uki\_4.2Kme\_d285\_m177



postage stamps

UK

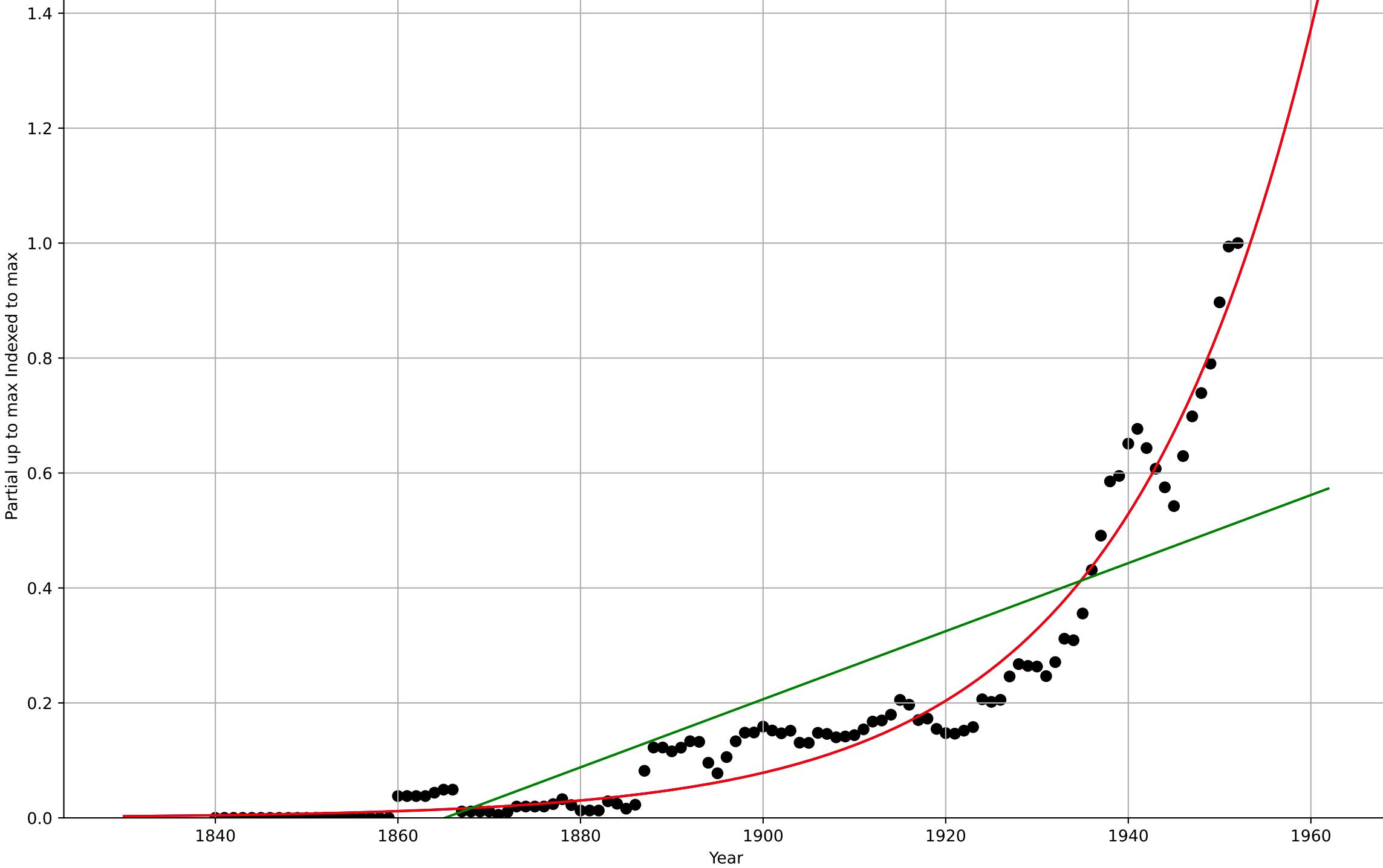
4.2 Knowledge flows

Partial up to max Frequency of the word "postag

Partial up to max Indexed to max

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2187, D_t=92.1, K=6.84e+04$	0.0477	0.957	0.955	0.0486	0.0371
Exponential	$10.7 \cdot \exp(0.0477 \cdot (x-2003))$	0.0477	0.957	0.956	0.0486	0.0371
Linear	intercept=-11, slope=0.00592	0.00592	0.686	0.68	0.131	0.103

pos\_uki\_4.2Kme\_d285\_m178



postage stamps

UK

4.4 Provisioning System

Number of employees

# thousands (only in post offices since 1970)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1943, D_t=122, K=2.27e+05$	0.036	0.661	0.633	9.18e+03	7.47e+03
Exponential	$774 \cdot \exp(0.00557 \cdot (x-1002))$	0.00557	0.637	0.618	9.5e+03	7.38e+03
Linear	intercept=-1.94e+06, slope=1.07e+03	1.07e+03	0.644	0.626	9.4e+03	7.37e+03

pos\_uki\_4.4Pro\_d136\_m023

# thousands (only in post offices since 1970)

1960

1970

1980

1990

2000

2010

2020

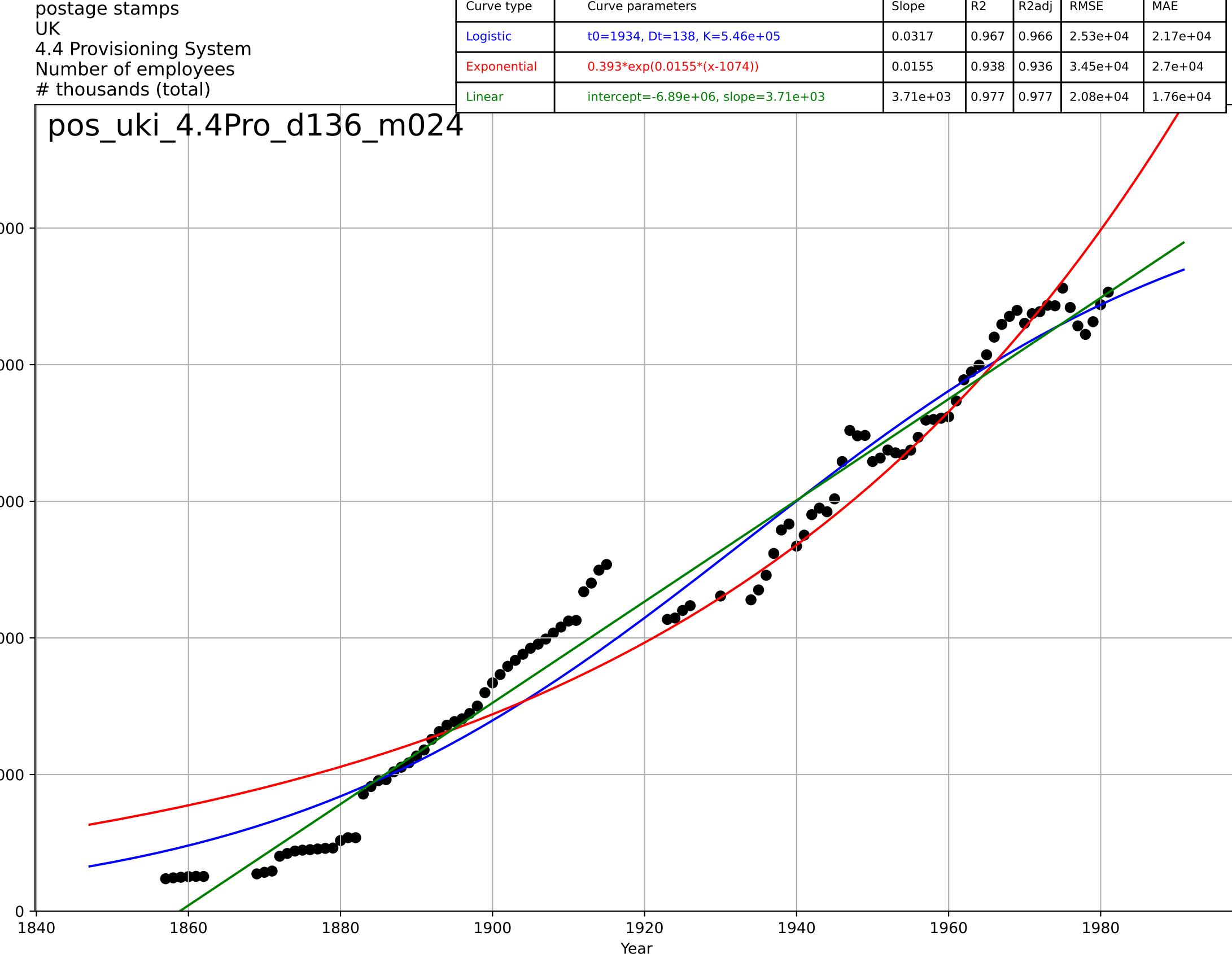
Year

postage stamps  
 UK  
 4.4 Provisioning System  
 Number of employees  
 # thousands (total)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1934, D_t=138, K=5.46e+05$	0.0317	0.967	0.966	2.53e+04	2.17e+04
Exponential	$0.393 \cdot \exp(0.0155 \cdot (x-1074))$	0.0155	0.938	0.936	3.45e+04	2.7e+04
Linear	intercept=-6.89e+06, slope=3.71e+03	3.71e+03	0.977	0.977	2.08e+04	1.76e+04

pos\_uki\_4.4Pro\_d136\_m024

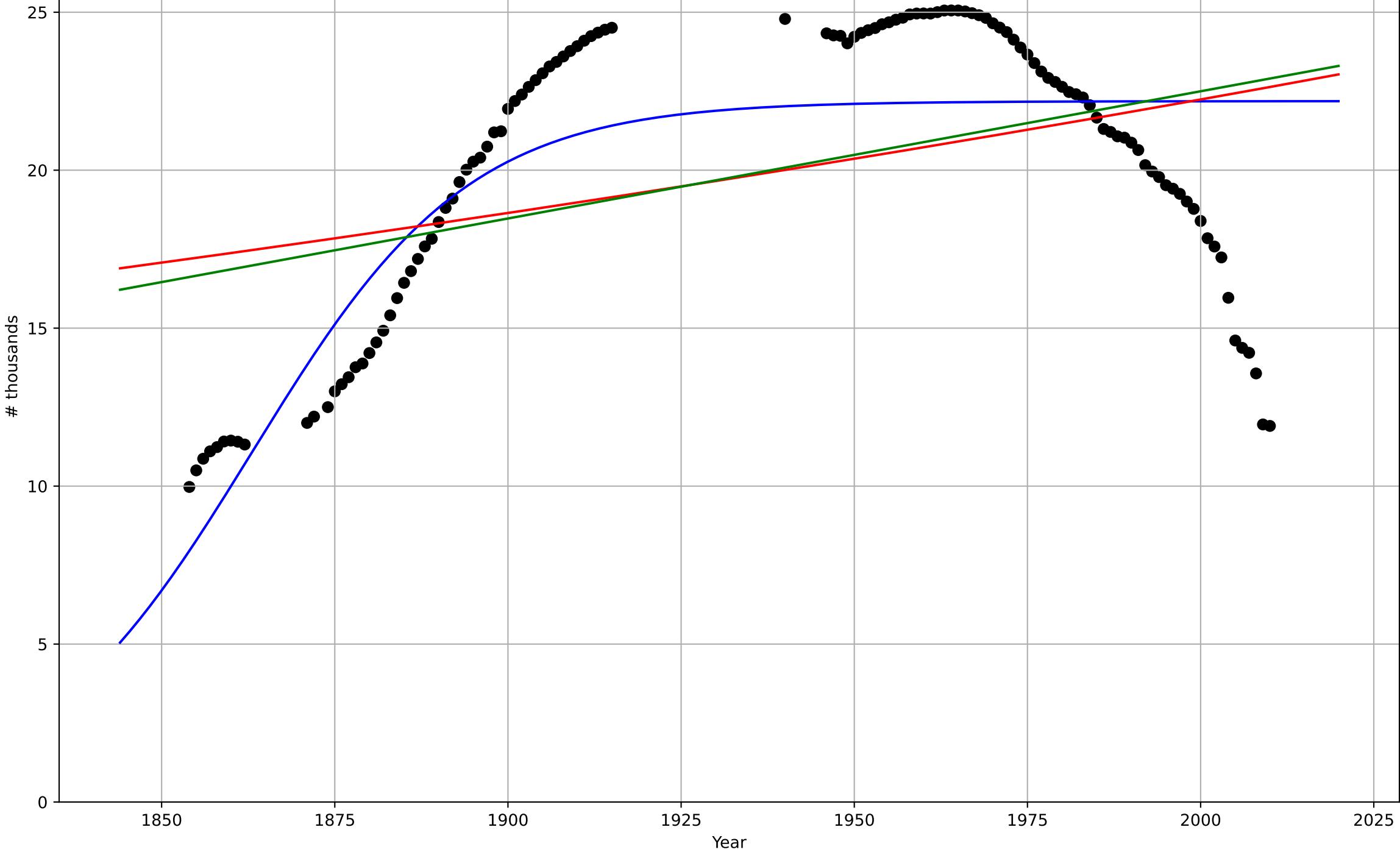
# thousands (total)



postage stamps  
 UK  
 4.5 Physical Infrastructure Dependence  
 Number of Post offices  
 # thousands

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1863, D_t=68.7, K=22.2$	0.064	0.585	0.575	2.98	2.37
Exponential	$8.76 \cdot \exp(0.00176 \cdot (x-1471))$	0.00176	0.155	0.14	4.25	3.69
Linear	intercept=-58, slope=0.0403	0.0403	0.178	0.164	4.19	3.63

pos\_uki\_4.5Inf\_d131\_m022



quitting smoking

Brazil

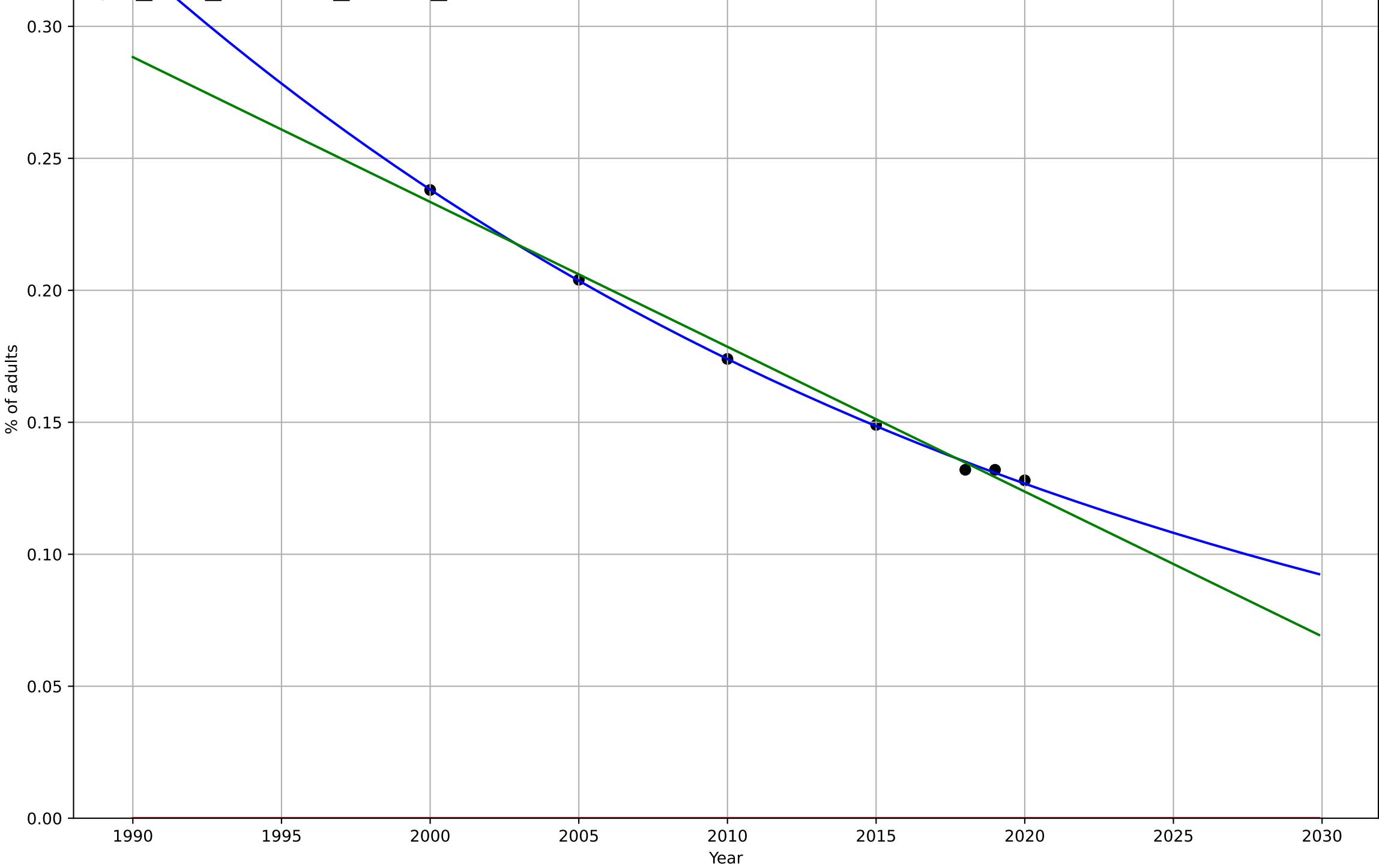
### 1.1 Adoption over Time

Share of adults who smoke

% of adults

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1897, Dt=-136, K=6.98	-0.0324	0.999	0.998	0.00134	0.000926
Exponential	1.56e+03*exp(0.000467*(x-157449))	0.000467	-17.8	-27.2	0.17	0.165
Linear	intercept=11.2, slope=-0.00549	-0.00549	0.992	0.988	0.00346	0.0033

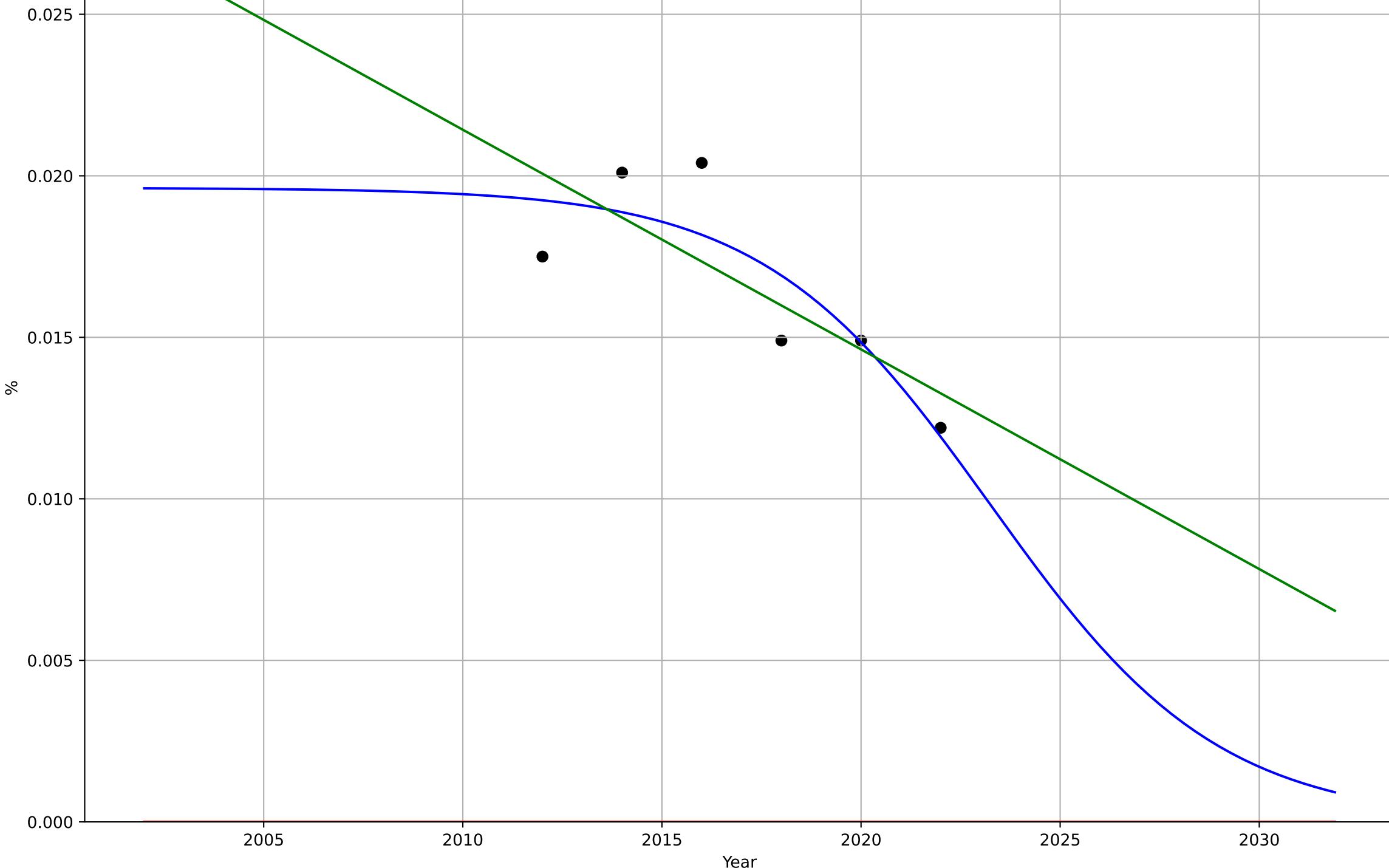
qui\_bra\_1.1Ado\_d186\_m059



quitting smoking  
 Brazil  
 2.2 Relative Advantage (Profitability)  
 % of GDP required to purchase 2000 cigarettes  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=-12.6, K=0.0196	-0.349	0.741	0.352	0.00151	0.00126
Exponential	1.56e+03*exp(0.000935*(x-157479))	0.000935	-31.7	-53.5	0.0169	0.0167
Linear	intercept=1.39, slope=-0.00068	-0.00068	0.615	0.359	0.00184	0.00157

qui\_bra\_2.2Rel\_d009\_m028



quitting smoking

Brazil

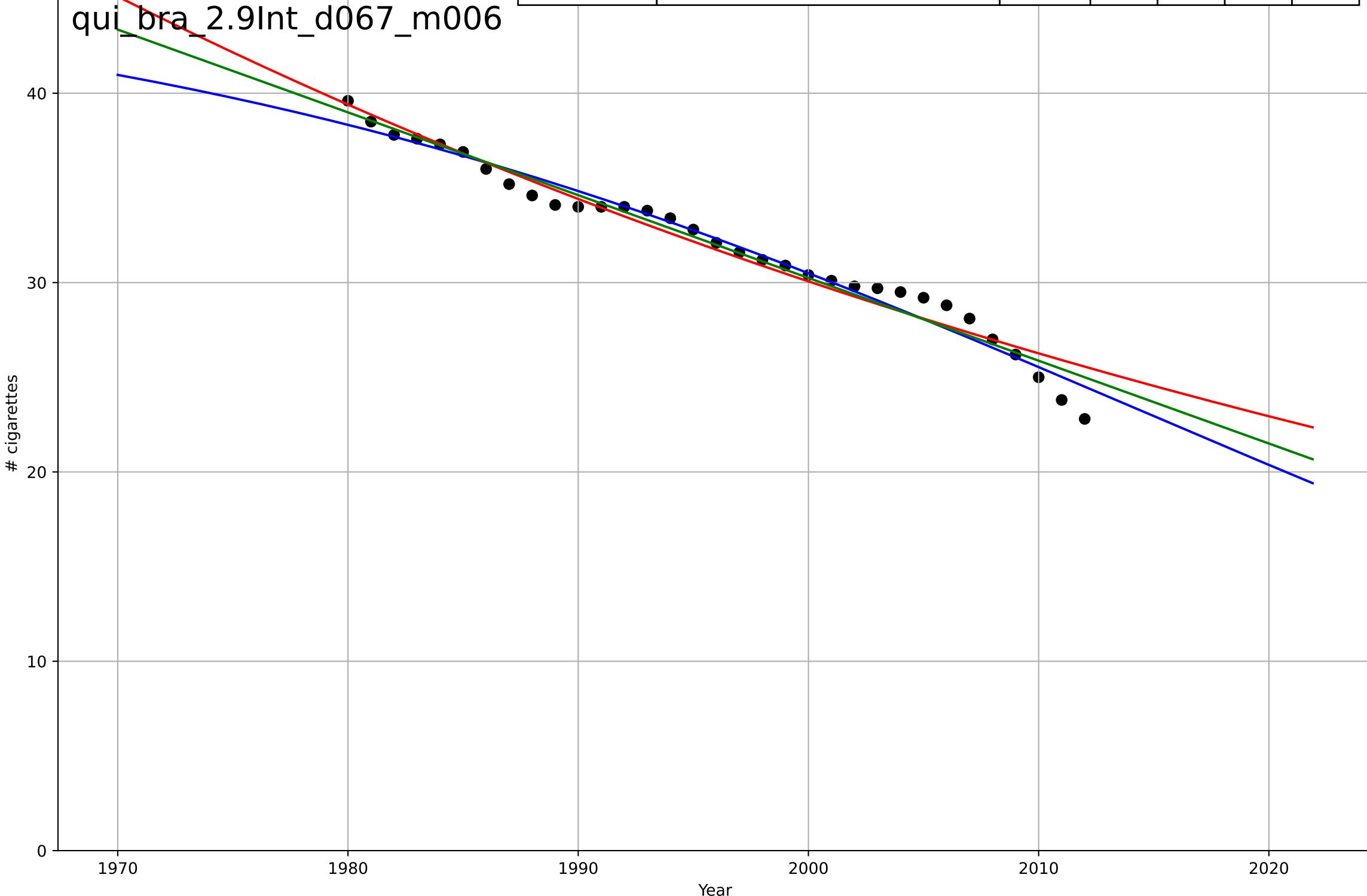
2.9 Interdependence with Hardware

Cigarette consumption per smoker per day

# cigarettes

qui\_bra\_2.9Int\_d067\_m006

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2014, Dt=-98.9, K=46.7	-0.0444	0.972	0.97	0.702	0.538
Exponential	47.5*exp(-0.0135*(x-1966))	-0.0135	0.96	0.957	0.851	0.642
Linear	intercept=905, slope=-0.437	-0.437	0.97	0.968	0.735	0.545



quitting smoking

China

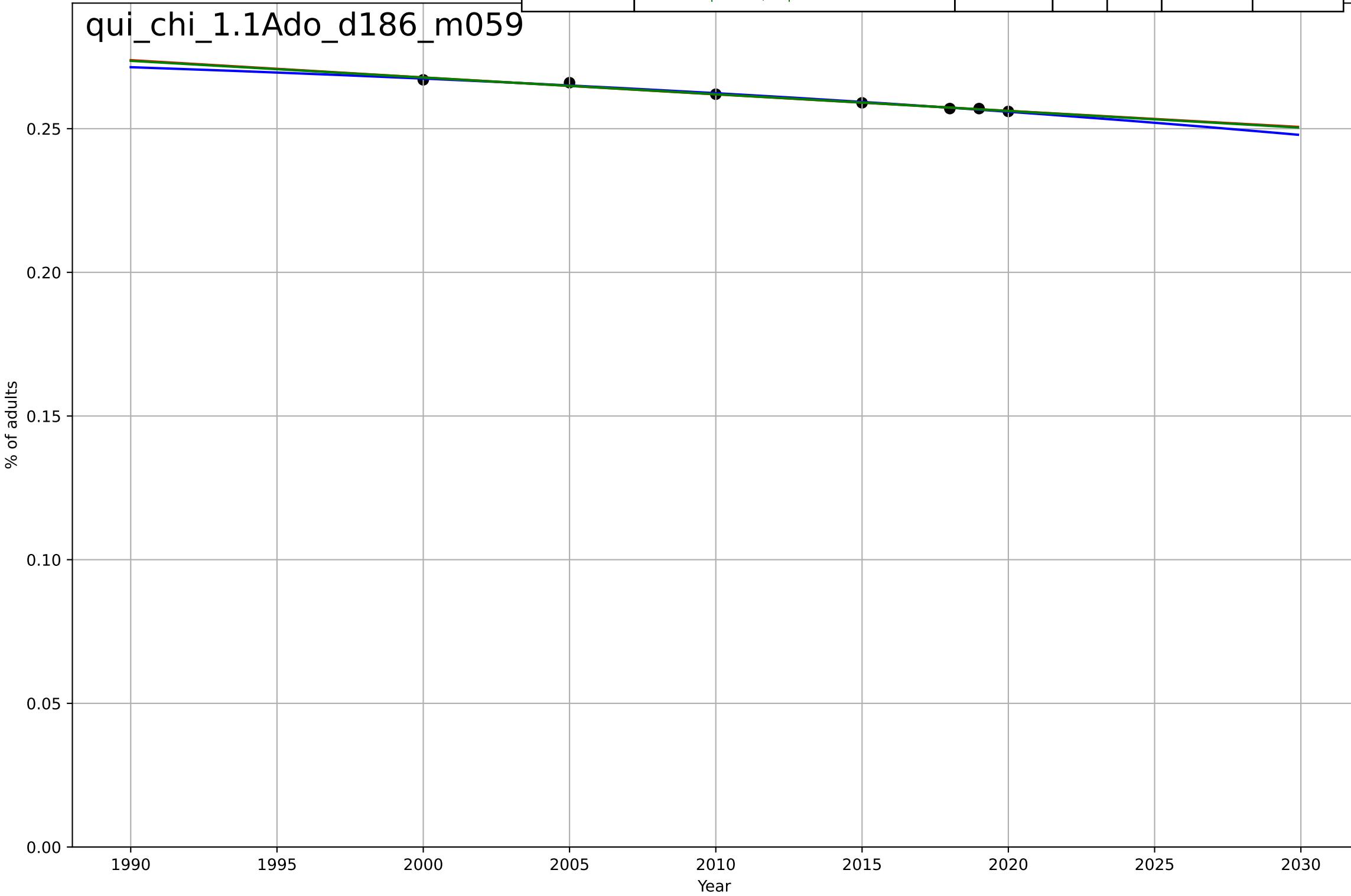
### 1.1 Adoption over Time

Share of adults who smoke

% of adults

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2098, Dt=-155, K=0.284	-0.0284	0.987	0.974	0.000474	0.000409
Exponential	0.0717*exp(-0.00222*(x-2594))	-0.00222	0.982	0.973	0.000557	0.000405
Linear	intercept=1.43, slope=-0.000582	-0.000582	0.983	0.974	0.000544	0.000393

qui\_chi\_1.1Ado\_d186\_m059



quitting smoking

China

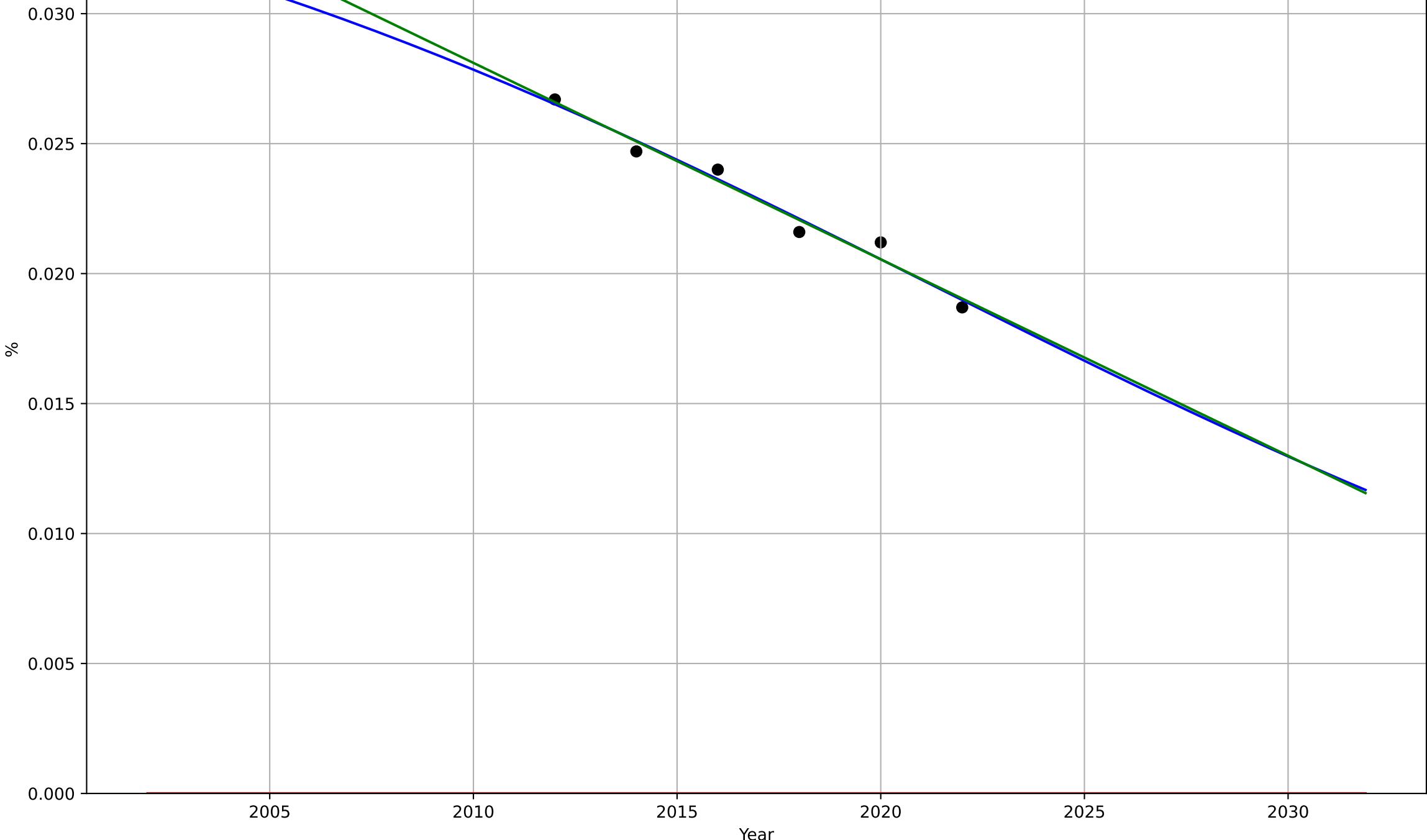
2.2 Relative Advantage (Profitability)

% of GDP required to purchase 2000 cigarettes

%

qui\_chi\_2.2Rel\_d009\_m028

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=-54.7, K=0.0391	-0.0804	0.973	0.933	0.000427	0.0004
Exponential	1.56e+03*exp(0.000927*(x-157479))	0.000927	-76.1	-127	0.023	0.0228
Linear	intercept=1.55, slope=-0.000756	-0.000756	0.973	0.956	0.000426	0.000394



quitting smoking

China

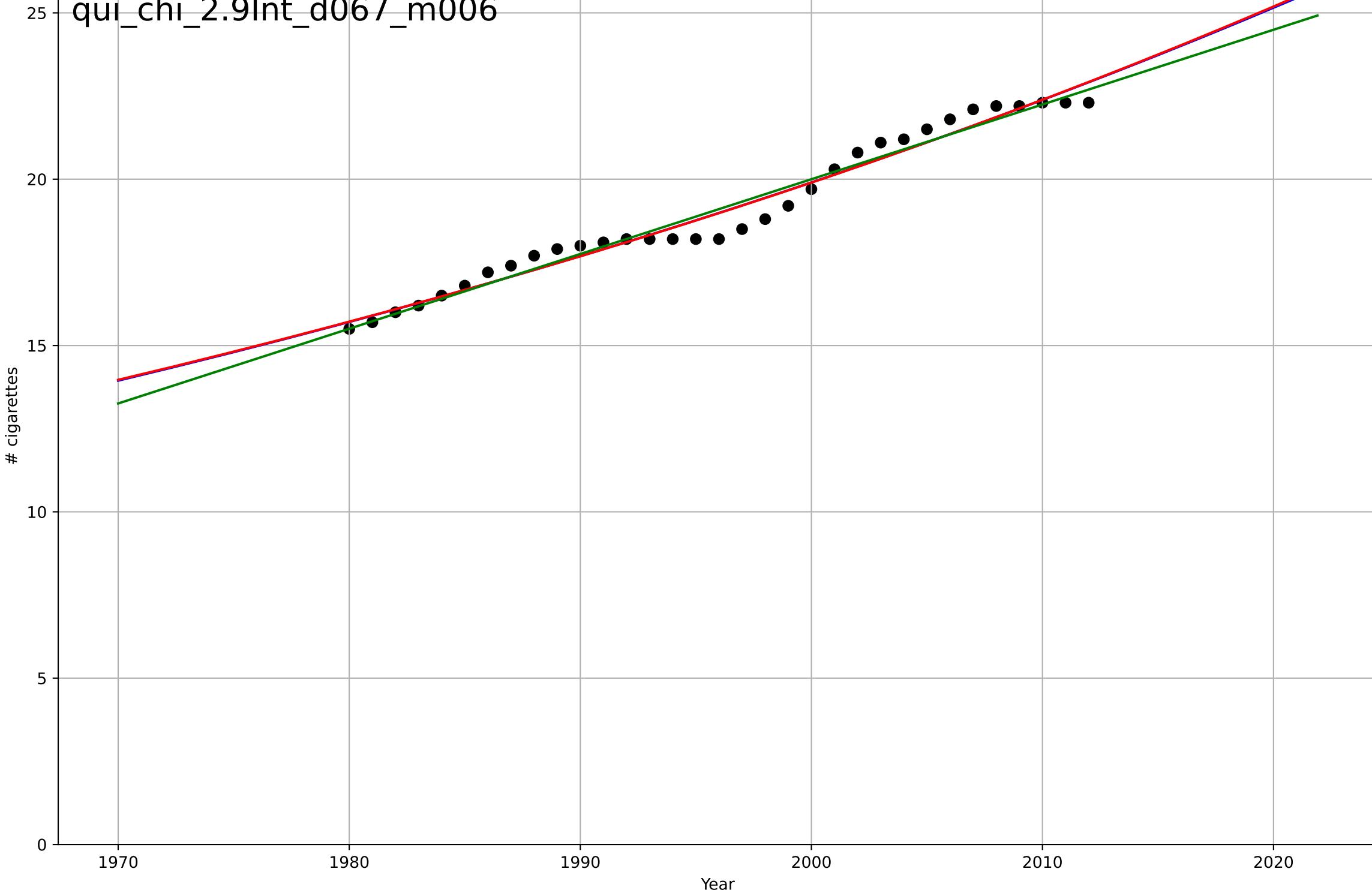
2.9 Interdependence with Hardware

Cigarette consumption per smoker per day

# cigarettes

qui\_chi\_2.9Int\_d067\_m006

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2256, Dt=358, K=481	0.0123	0.969	0.966	0.383	0.33
Exponential	5.7*exp(0.0118*(x-1894))	0.0118	0.969	0.967	0.383	0.33
Linear	intercept=-429, slope=0.225	0.225	0.967	0.964	0.398	0.321



quitting smoking

India

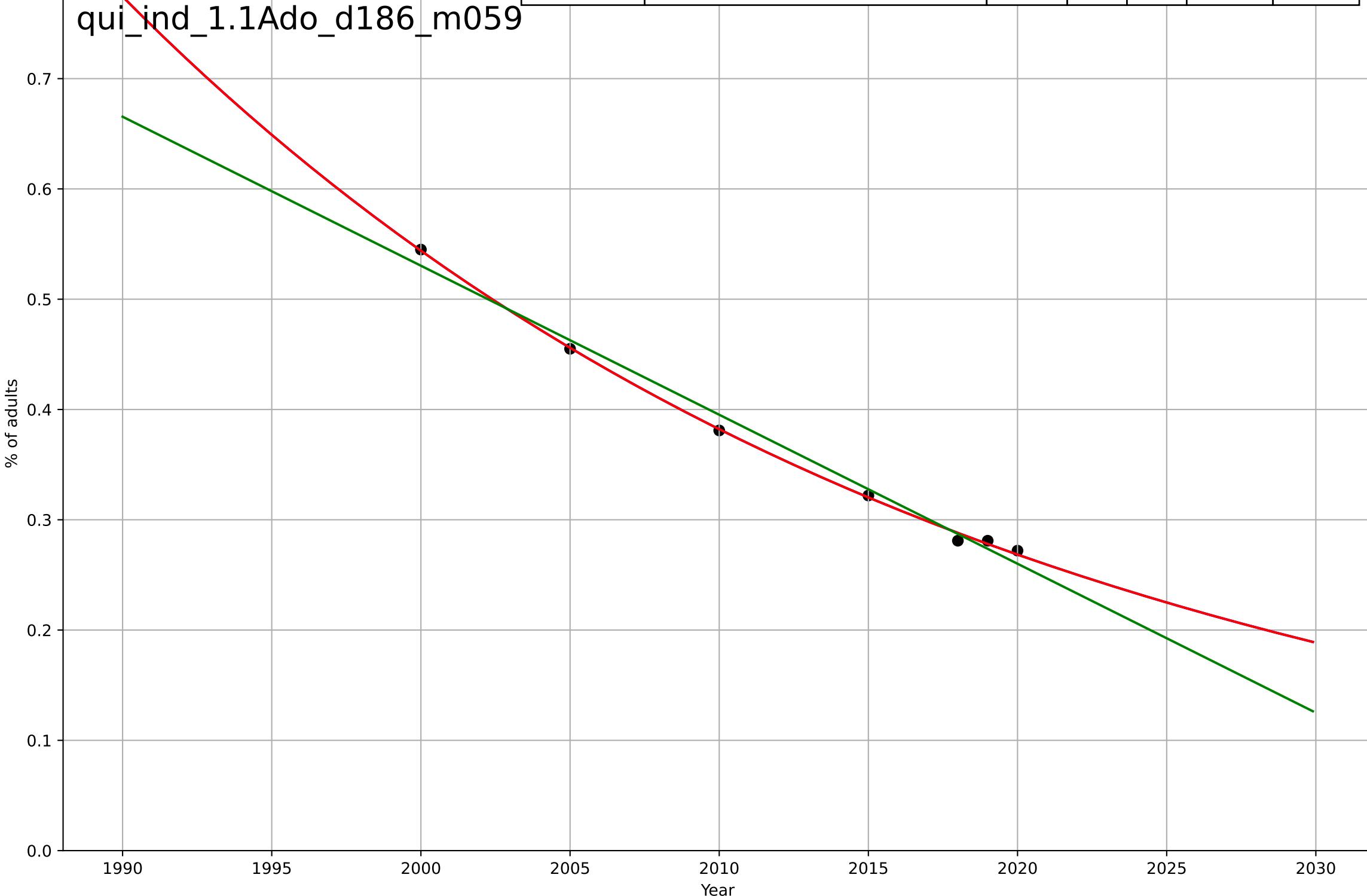
1.1 Adoption over Time

Share of adults who smoke

% of adults

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1688, Dt=-124, K=3.35e+04	-0.0353	0.999	0.998	0.00333	0.00262
Exponential	2.33*exp(-0.0353*(x-1959))	-0.0353	0.999	0.998	0.00333	0.00262
Linear	intercept=27.6, slope=-0.0135	-0.0135	0.989	0.983	0.0103	0.00968

qui\_ind\_1.1Ado\_d186\_m059



quitting smoking

India

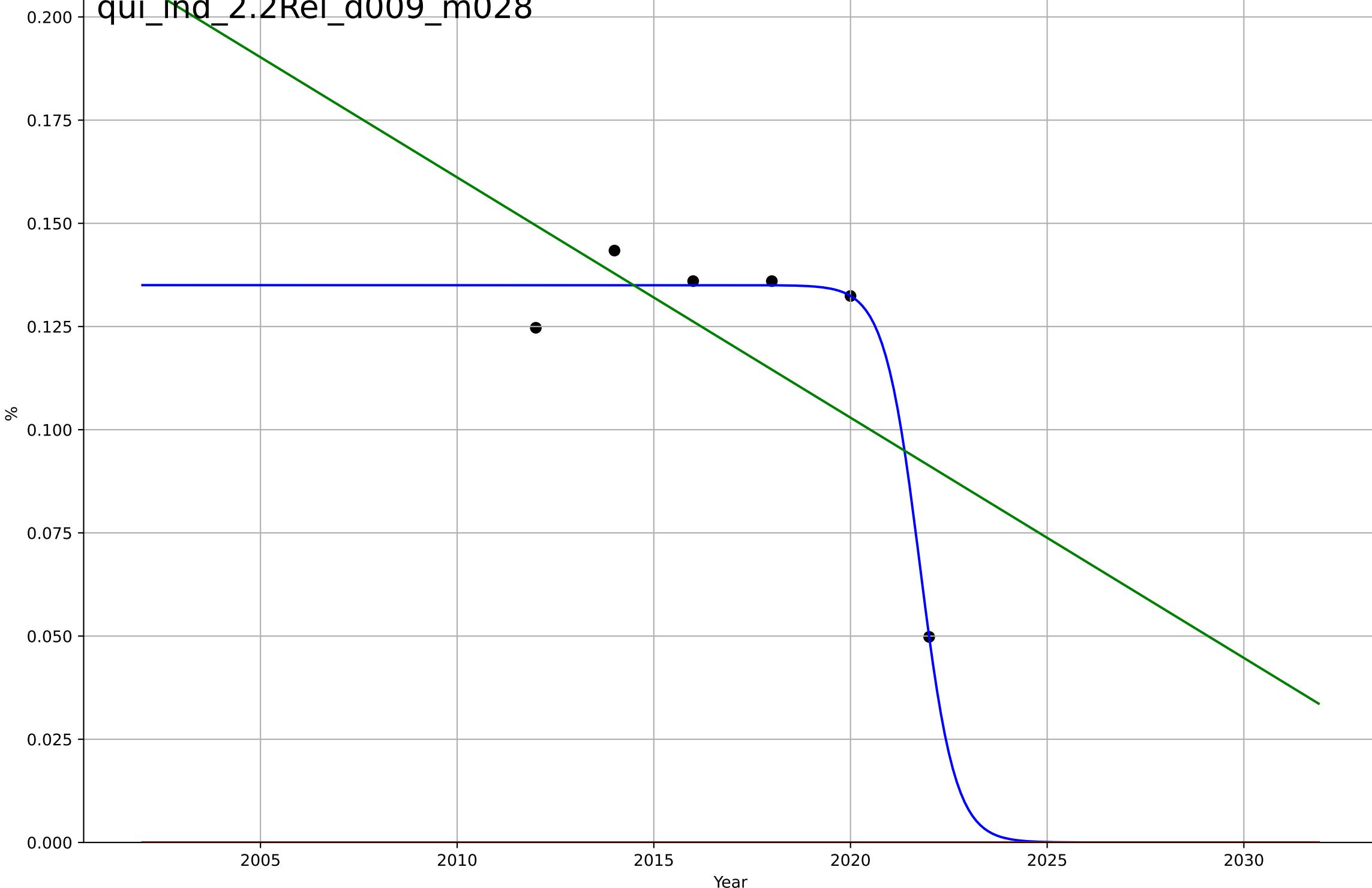
2.2 Relative Advantage (Profitability)

% of GDP required to purchase 2000 cigarettes

%

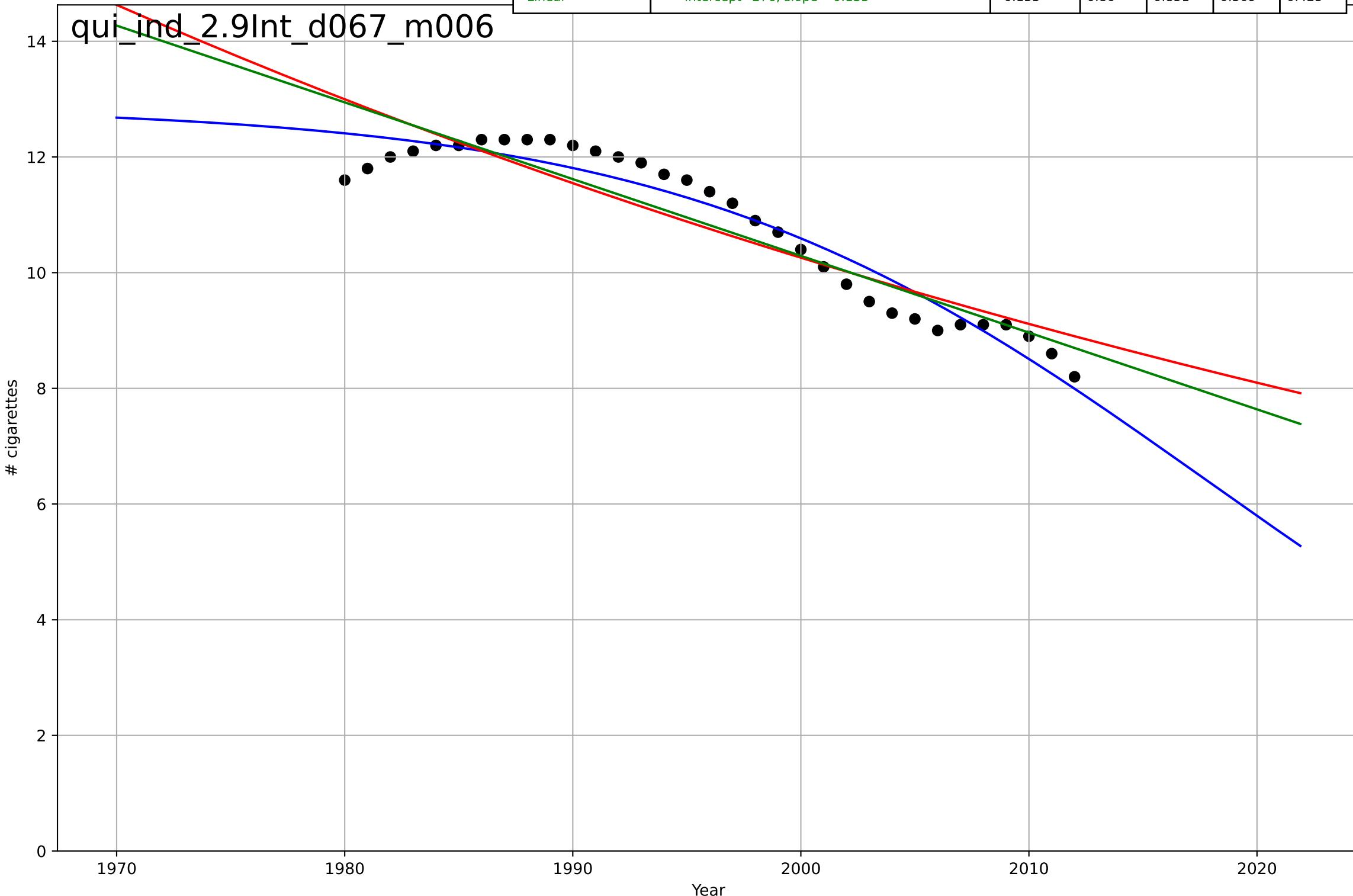
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=-1.97, K=0.135	-2.23	0.971	0.928	0.00546	0.00345
Exponential	1.56e+03*exp(0.000442*(x-157458))	0.000442	-14.1	-24.2	0.125	0.12
Linear	intercept=11.9, slope=-0.00582	-0.00582	0.385	-0.0251	0.0251	0.0221

qui\_ind\_2.2Rel\_d009\_m028



quitting smoking  
 India  
 2.9 Interdependence with Hardware  
 Cigarette consumption per smoker per day  
 # cigarettes

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=-50.7, K=12.9	-0.0866	0.932	0.925	0.356	0.309
Exponential	12.2*exp(-0.0118*(x-1985))	-0.0118	0.83	0.819	0.561	0.483
Linear	intercept=276, slope=-0.133	-0.133	0.86	0.851	0.509	0.425



quitting smoking

UK

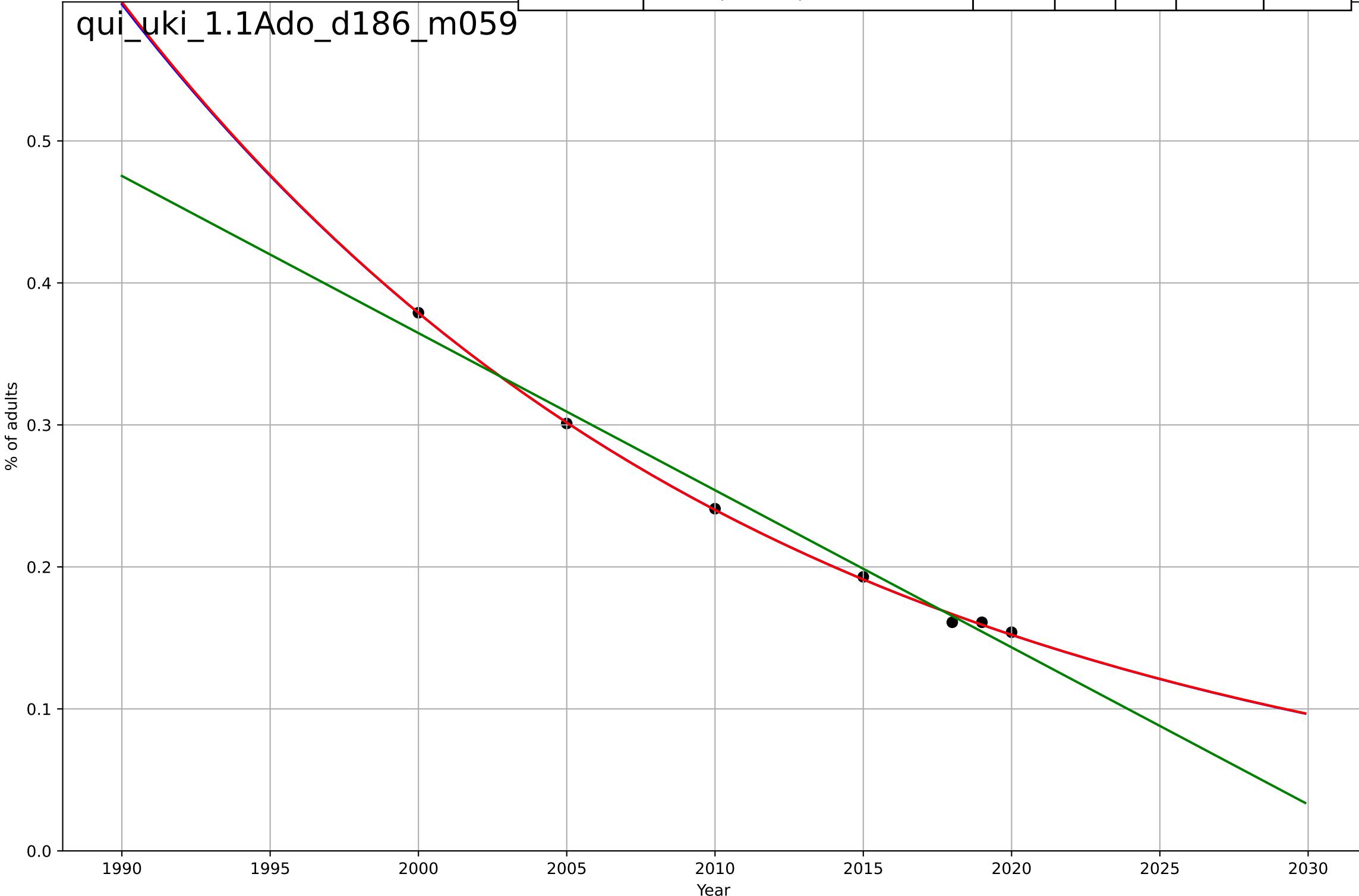
1.1 Adoption over Time

Share of adults who smoke

% of adults

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1898, Dt=-95.7, K=40.8	-0.0459	0.999	0.998	0.00249	0.00183
Exponential	0.0881*exp(-0.0456*(x-2032))	-0.0456	0.999	0.999	0.00249	0.00181
Linear	intercept=22.5, slope=-0.0111	-0.0111	0.985	0.978	0.00966	0.00901

qui\_uki\_1.1Ado\_d186\_m059



quitting smoking

UK

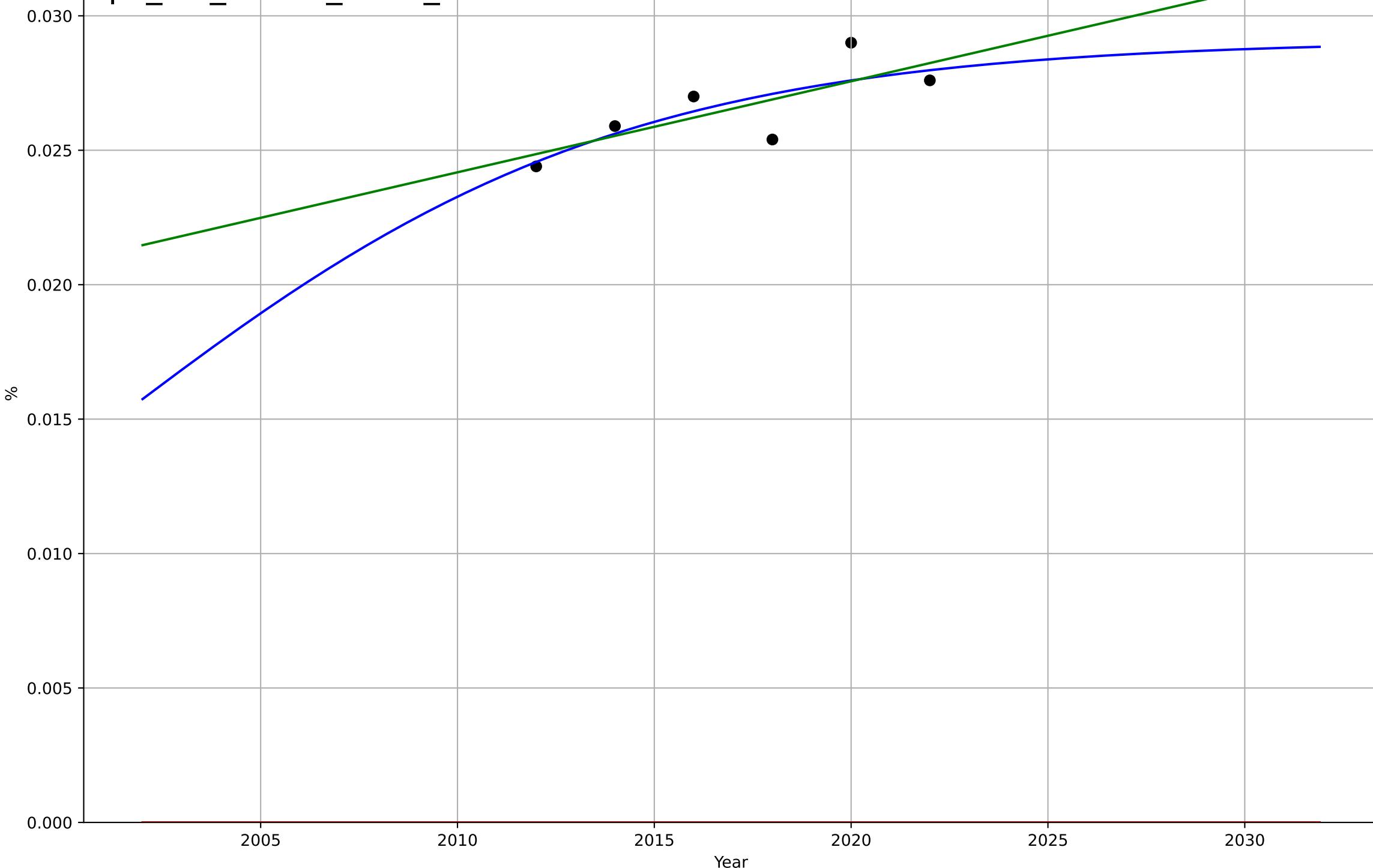
2.2 Relative Advantage (Profitability)

% of GDP required to purchase 2000 cigarettes

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2001, Dt=28.8, K=0.0291	0.152	0.605	0.0118	0.000949	0.000747
Exponential	1.56e+03*exp(0.00103*(x-157482))	0.00103	-309	-516	0.0266	0.0265
Linear	intercept=-0.656, slope=0.000339	0.000339	0.587	0.311	0.00097	0.000863

qui\_uki\_2.2Rel\_d009\_m028



quitting smoking

UK

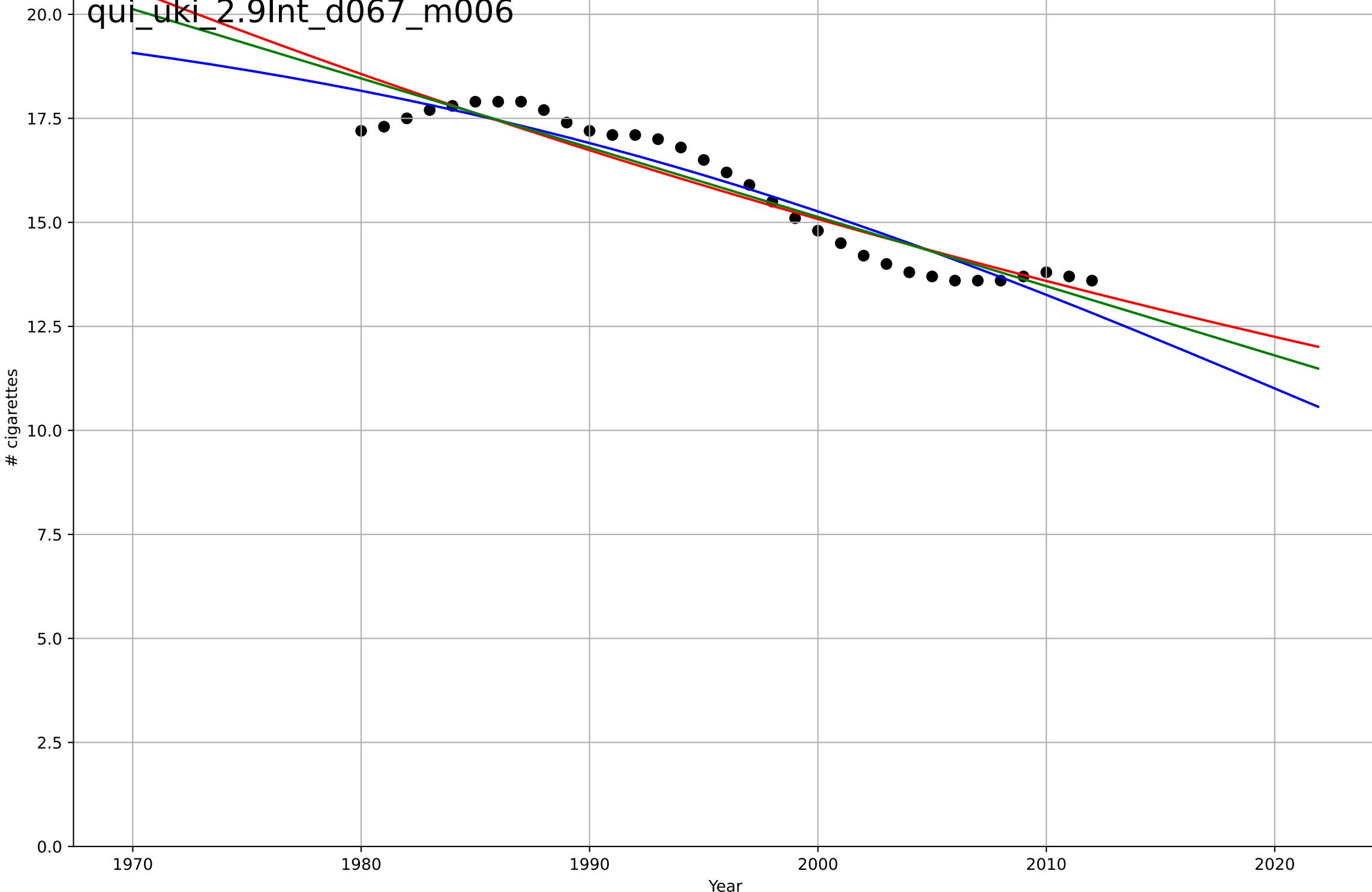
2.9 Interdependence with Hardware

Cigarette consumption per smoker per day

# cigarettes

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=-99.4, K=21	-0.0442	0.912	0.903	0.497	0.446
Exponential	24.4*exp(-0.0104*(x-1954))	-0.0104	0.887	0.88	0.561	0.486
Linear	intercept=348, slope=-0.166	-0.166	0.899	0.892	0.531	0.468

qui\_uki\_2.9Int\_d067\_m006



quitting smoking

US

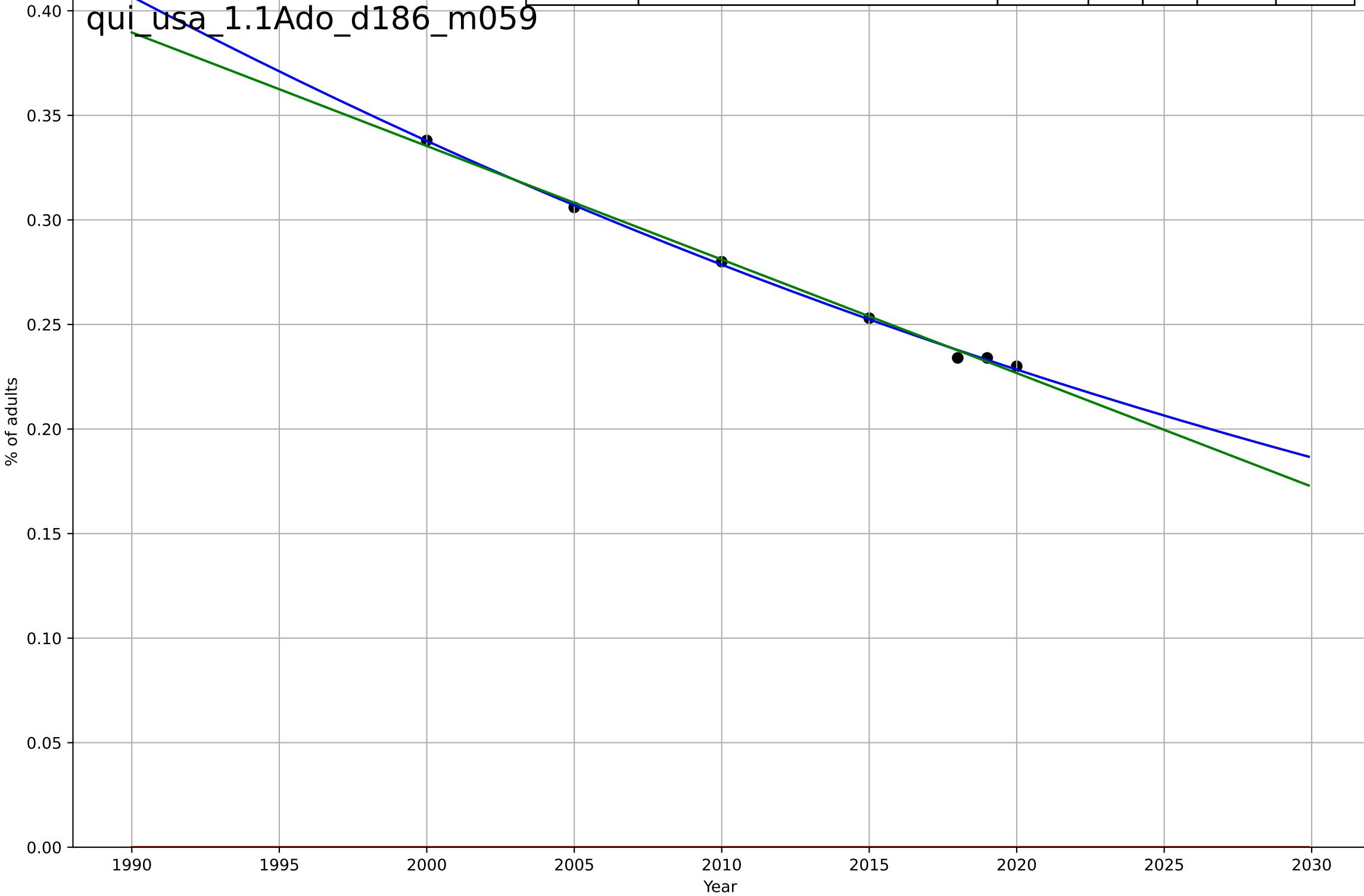
1.1 Adoption over Time

Share of adults who smoke

% of adults

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1926, Dt=-195, K=2.12	-0.0225	0.998	0.996	0.00173	0.00136
Exponential	1.56e+03*exp(0.000463*(x-157444))	0.000463	-48	-72.5	0.271	0.268
Linear	intercept=11.2, slope=-0.00543	-0.00543	0.996	0.994	0.00241	0.00221

qui\_usa\_1.1Ado\_d186\_m059



quitting smoking

US

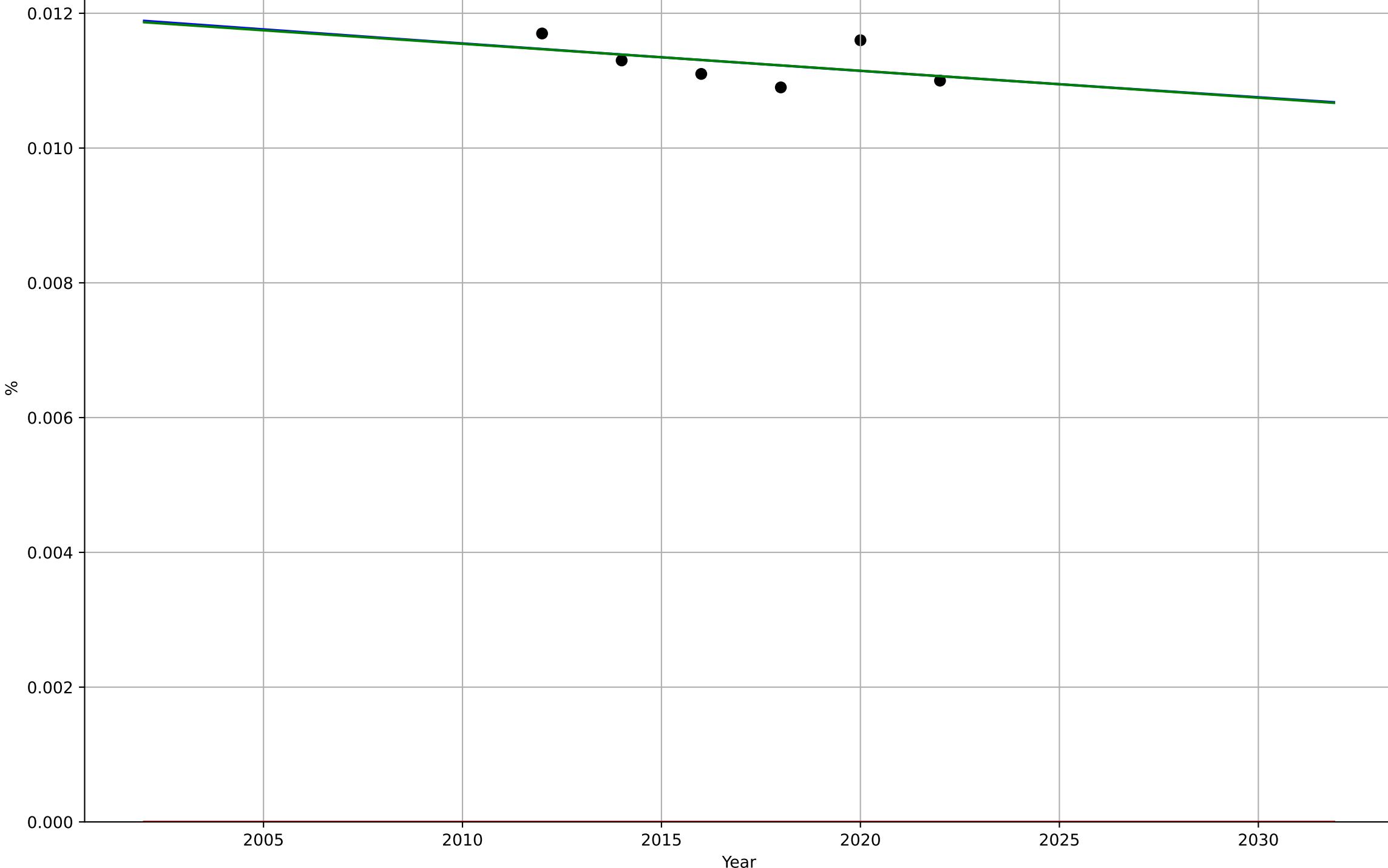
2.2 Relative Advantage (Profitability)

% of GDP required to purchase 2000 cigarettes

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1023, D_t=-1.2e+03, K=0.446$	-0.00368	0.212	-0.97	0.000265	0.000228
Exponential	$1.56e+03 \cdot \exp(0.000995 \cdot (x - 157482))$	0.000995	-1.43e+03	-2.38e+03	0.0113	0.0113
Linear	intercept=0.0919, slope=-4e-05	-4e-05	0.21	-0.317	0.000265	0.000229

qui\_usa\_2.2Rel\_d009\_m028



quitting smoking

US

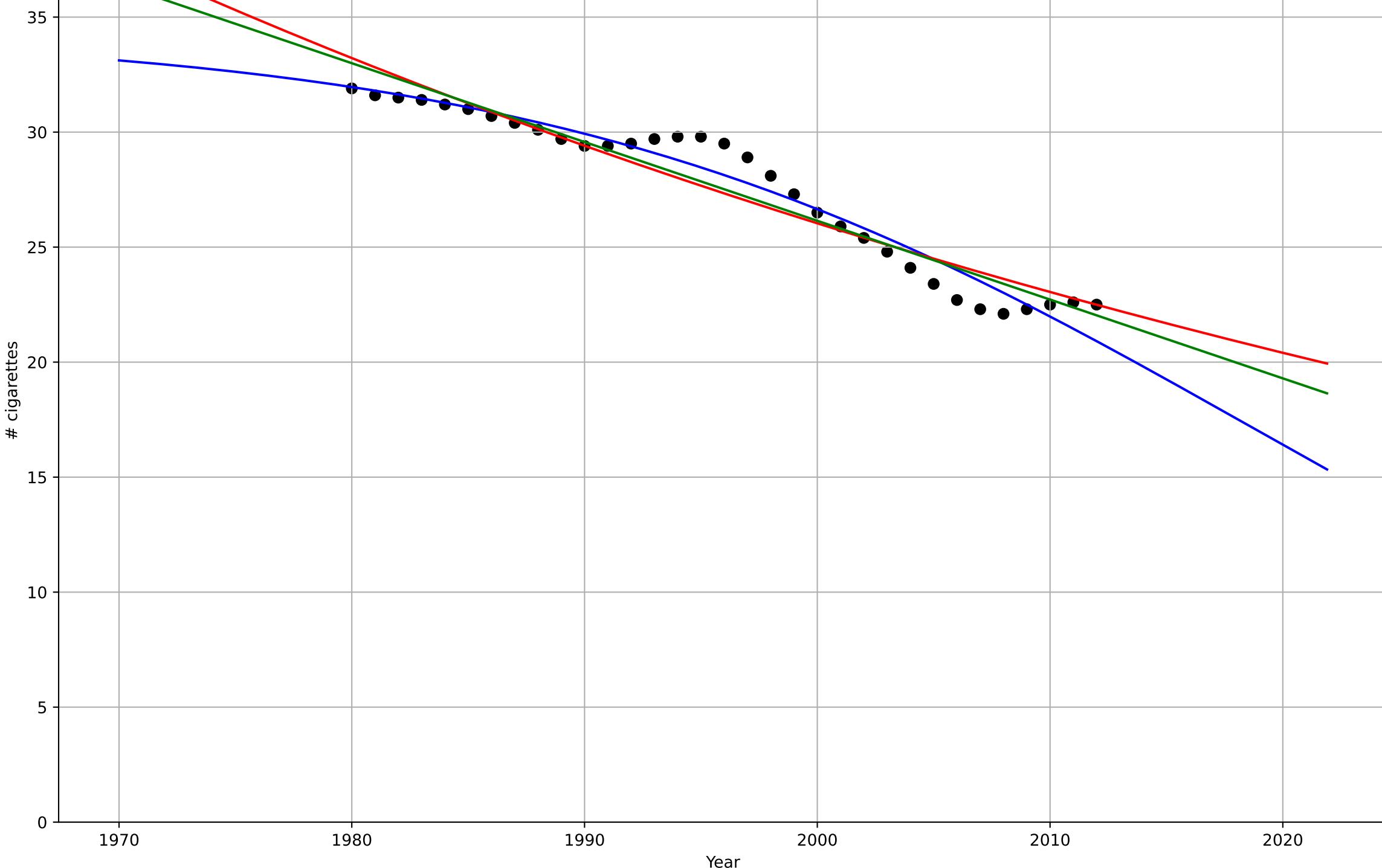
2.9 Interdependence with Hardware

Cigarette consumption per smoker per day

# cigarettes

qui\_usa\_2.9Int\_d067\_m006

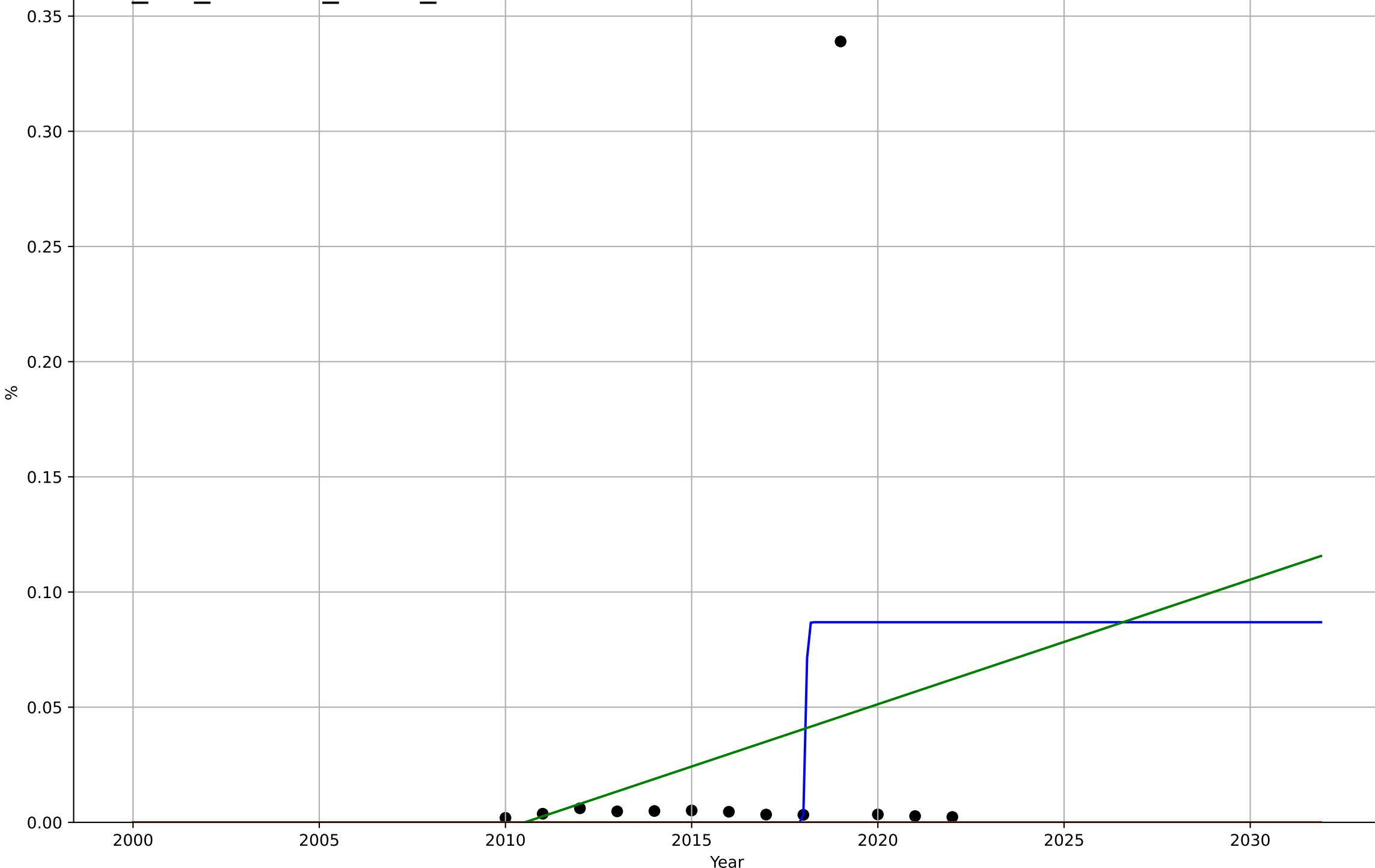
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=-66.4, K=34.4	-0.0662	0.952	0.947	0.747	0.589
Exponential	44.6*exp(-0.0122*(x-1956))	-0.0122	0.903	0.897	1.06	0.822
Linear	intercept=711, slope=-0.343	-0.343	0.923	0.918	0.944	0.753



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (100k – 150k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=0.0923, K=0.0869	47.6	0.181	-0.0919	0.0808	0.0415
Exponential	1.56e+03*exp(0.0015*(x-157495))	0.0015	-0.11	-0.332	0.0941	0.0297
Linear	intercept=-10.9, slope=0.00541	0.00541	0.0513	-0.138	0.087	0.046

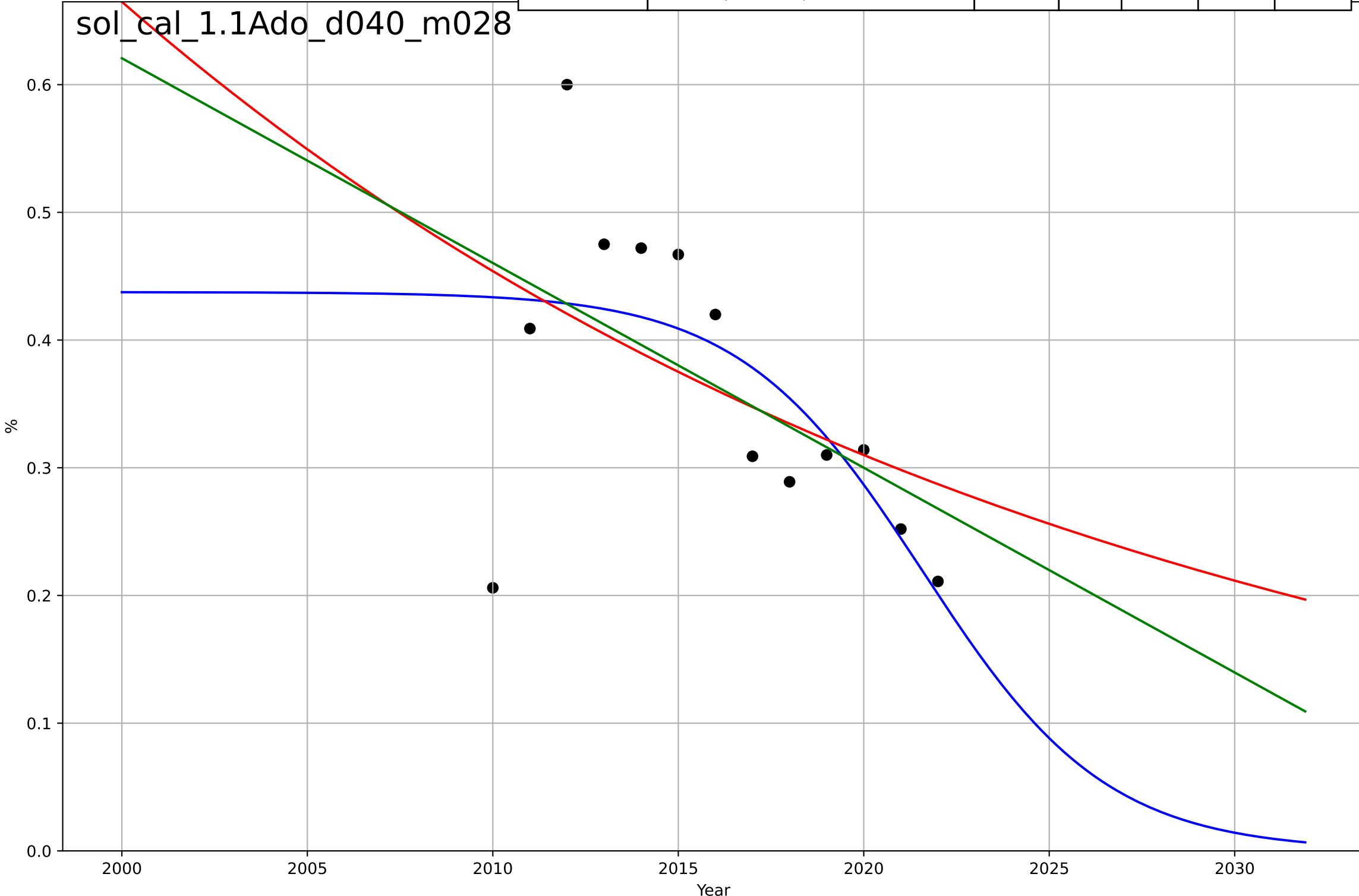
sol\_cal\_1.1Ado\_d039\_m028



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (150k – 200k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=-10.9, K=0.438$	-0.404	0.406	0.208	0.0882	0.0616
Exponential	$1.77 \cdot \exp(-0.0382 \cdot (x-1974))$	-0.0382	0.239	0.0866	0.0999	0.0755
Linear	intercept=32.7, slope=-0.016	-0.016	0.275	0.129	0.0975	0.0718

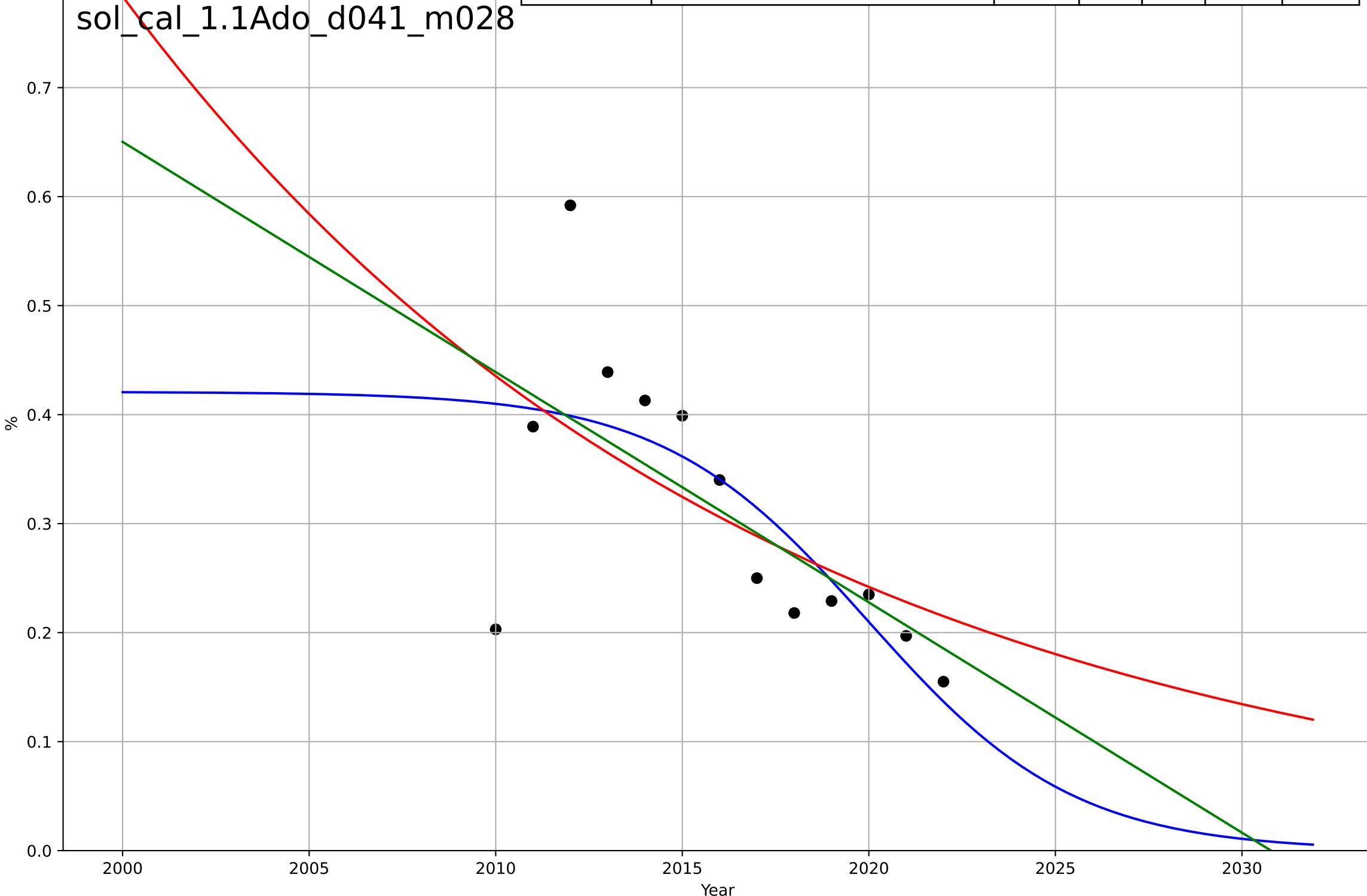
sol\_cal\_1.1Ado\_d040\_m028



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (200k – 250k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=-12.1, K=0.421	-0.363	0.507	0.343	0.0858	0.0581
Exponential	0.45*exp(-0.0588*(x-2009))	-0.0588	0.366	0.239	0.0973	0.0714
Linear	intercept=42.9, slope=-0.0211	-0.0211	0.418	0.302	0.0932	0.0643

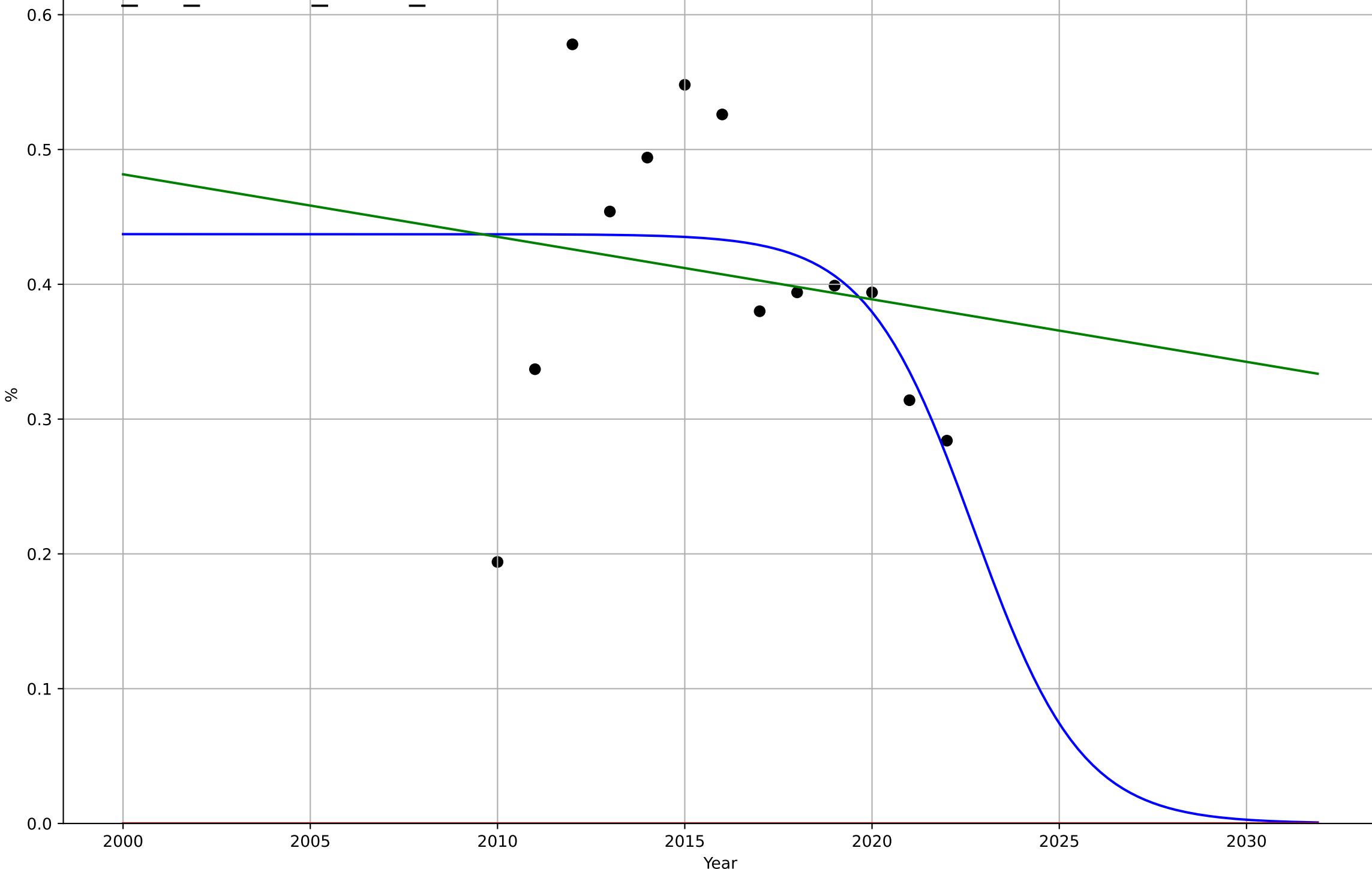
sol\_cal\_1.1Ado\_d041\_m028



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (50k – 100k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=-6.33, K=0.437	-0.694	0.204	-0.0618	0.0953	0.069
Exponential	1.56e+03*exp(0.000521*(x-157445))	0.000521	-14.6	-17.7	0.421	0.407
Linear	intercept=9.76, slope=-0.00464	-0.00464	0.0264	-0.168	0.105	0.0811

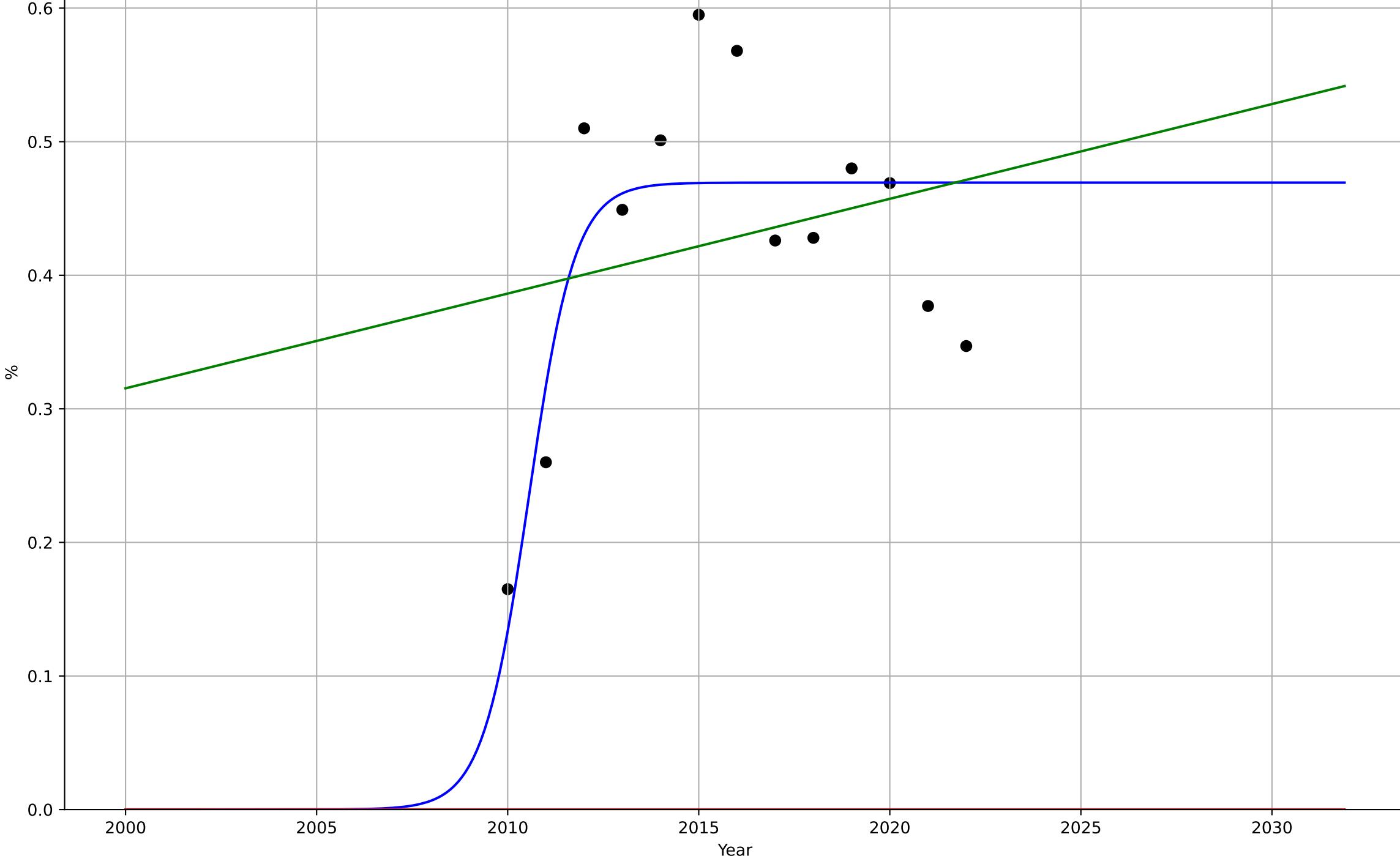
sol\_cal\_1.1Ado\_d042\_m028



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (<\$50k)  
 %

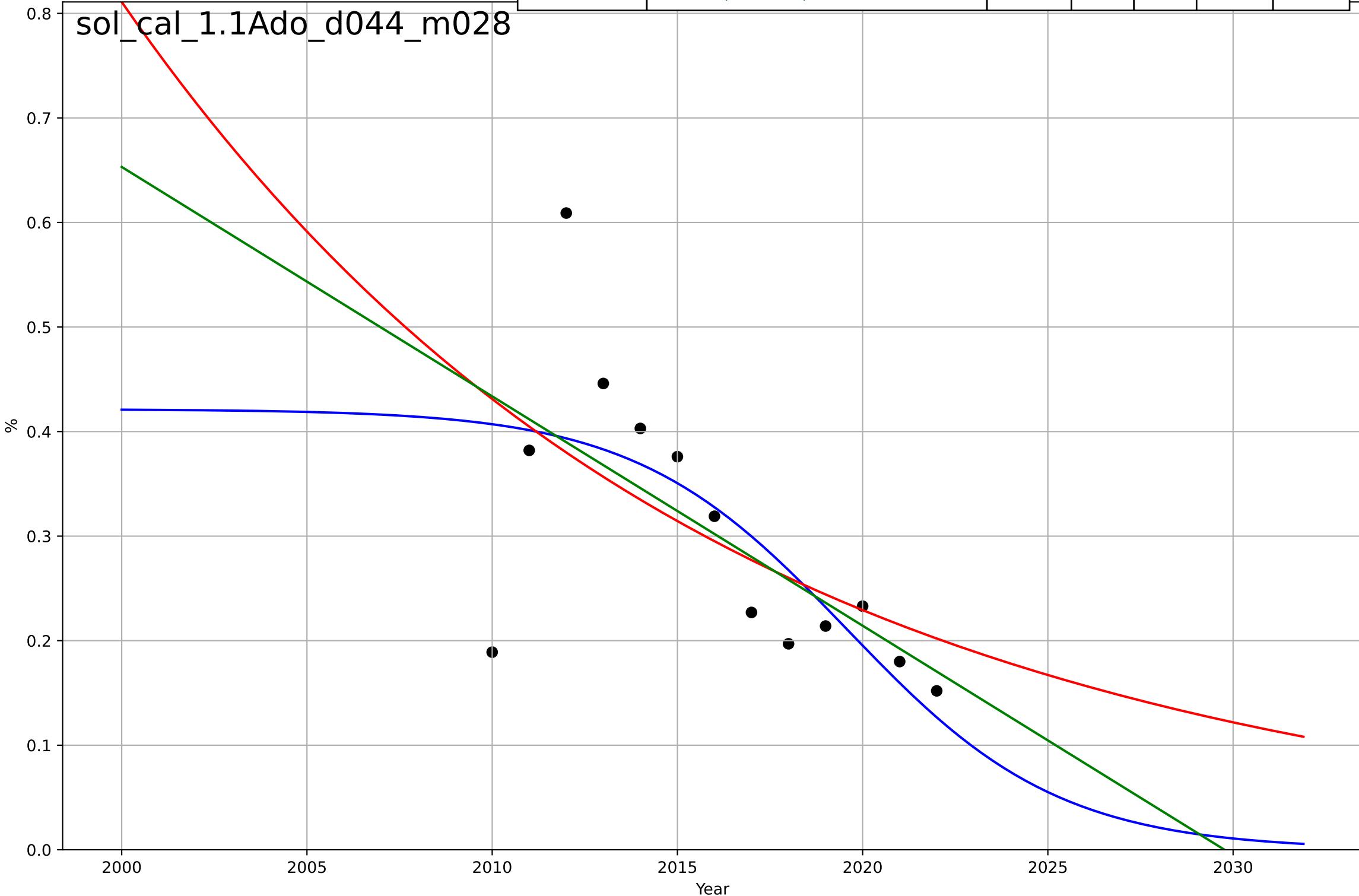
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=2.65, K=0.469$	1.66	0.621	0.495	0.0706	0.0576
Exponential	$1.56e+03 \cdot \exp(0.00162 \cdot (x - 157480))$	0.00162	-14	-17	0.444	0.429
Linear	intercept=-13.9, slope=0.00709	0.00709	0.0536	-0.136	0.112	0.091

sol\_cal\_1.1Ado\_d043\_m028



solar leasing  
 California  
 1.1 Adoption over Time  
 % third party owned systems (>\$250k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=-12.6, K=0.421	-0.349	0.477	0.303	0.0933	0.0638
Exponential	0.86*exp(-0.0632*(x-1999))	-0.0632	0.355	0.226	0.104	0.0746
Linear	intercept=44.5, slope=-0.0219	-0.0219	0.404	0.285	0.0996	0.068



solar leasing

California

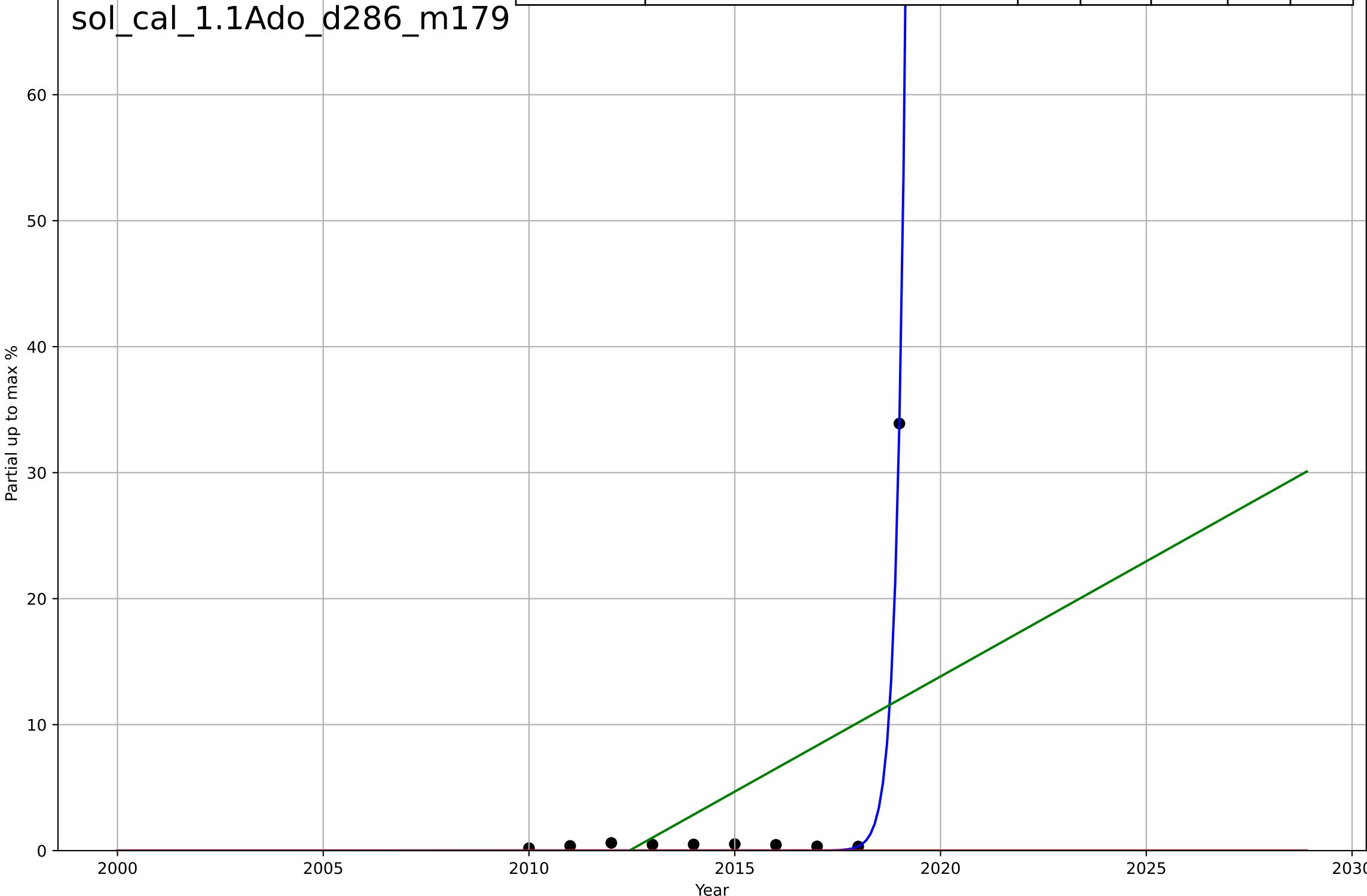
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=0.949, K=4.56e+03	4.63	0.998	0.998	0.402	0.347
Exponential	1.5e+03*exp(0.172*(x-162831))	0.172	-0.141	-0.467	10.7	3.77
Linear	intercept=-3.68e+03, slope=1.83	1.83	0.273	0.0656	8.56	6.19

sol\_cal\_1.1Ado\_d286\_m179



solar leasing

California

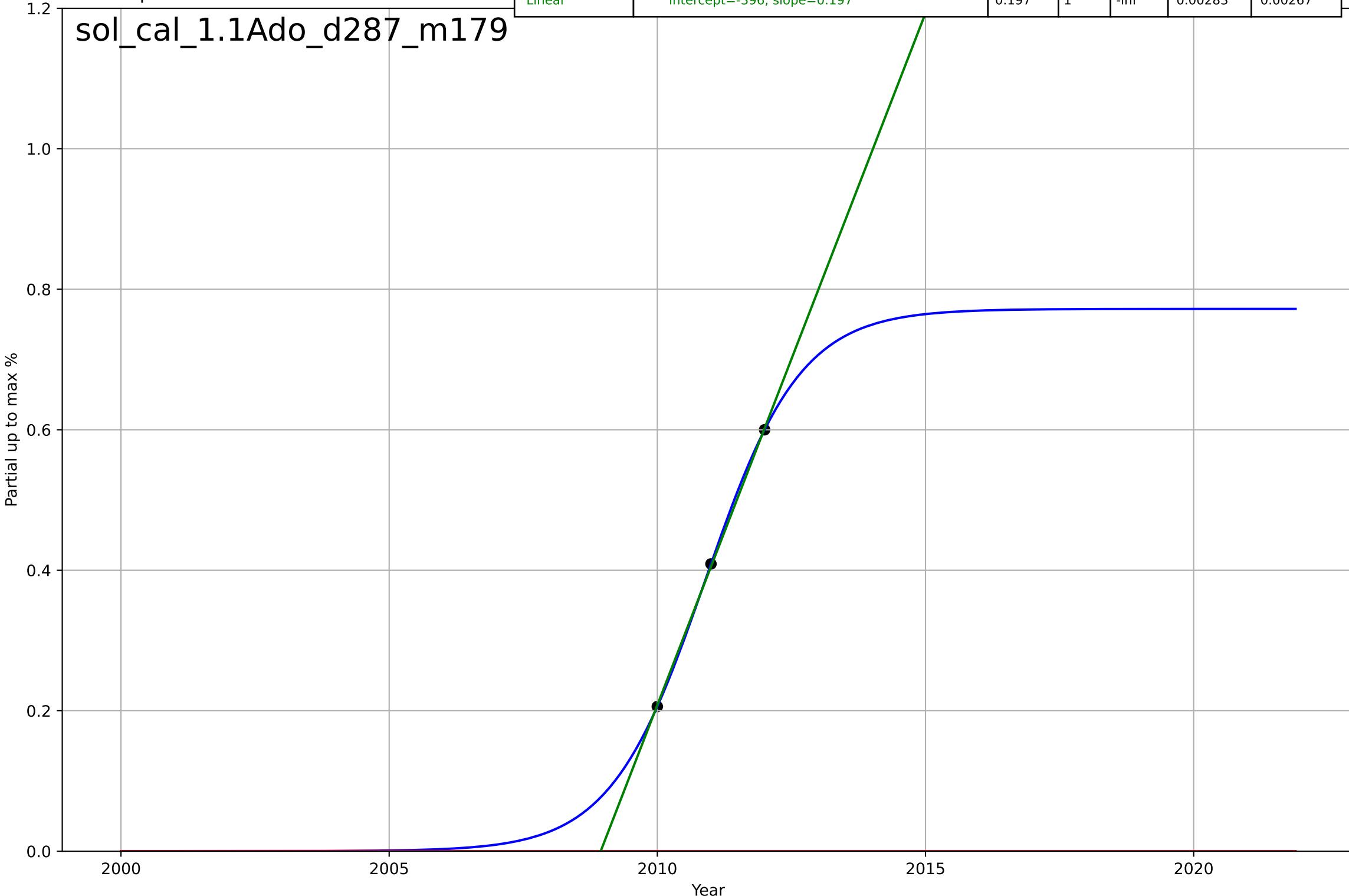
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=3.89, K=0.772	1.13	1	1	2.2e-12	1.82e-12
Exponential	1.55e+03*exp(0.0195*(x-158015))	0.0195	-6.34	-inf	0.436	0.405
Linear	intercept=-396, slope=0.197	0.197	1	-inf	0.00283	0.00267

sol\_cal\_1.1Ado\_d287\_m179



solar leasing

California

1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=4.47, K=0.861	0.983	1	1	4.58e-13	4.21e-13
Exponential	1.5*exp(0.495*(x-2014))	0.495	0.987	-inf	0.0183	0.0169
Linear	intercept=-391, slope=0.194	0.194	0.999	-inf	0.00401	0.00378

sol\_cal\_1.1Ado\_d288\_m179

Partial up to max %

2000

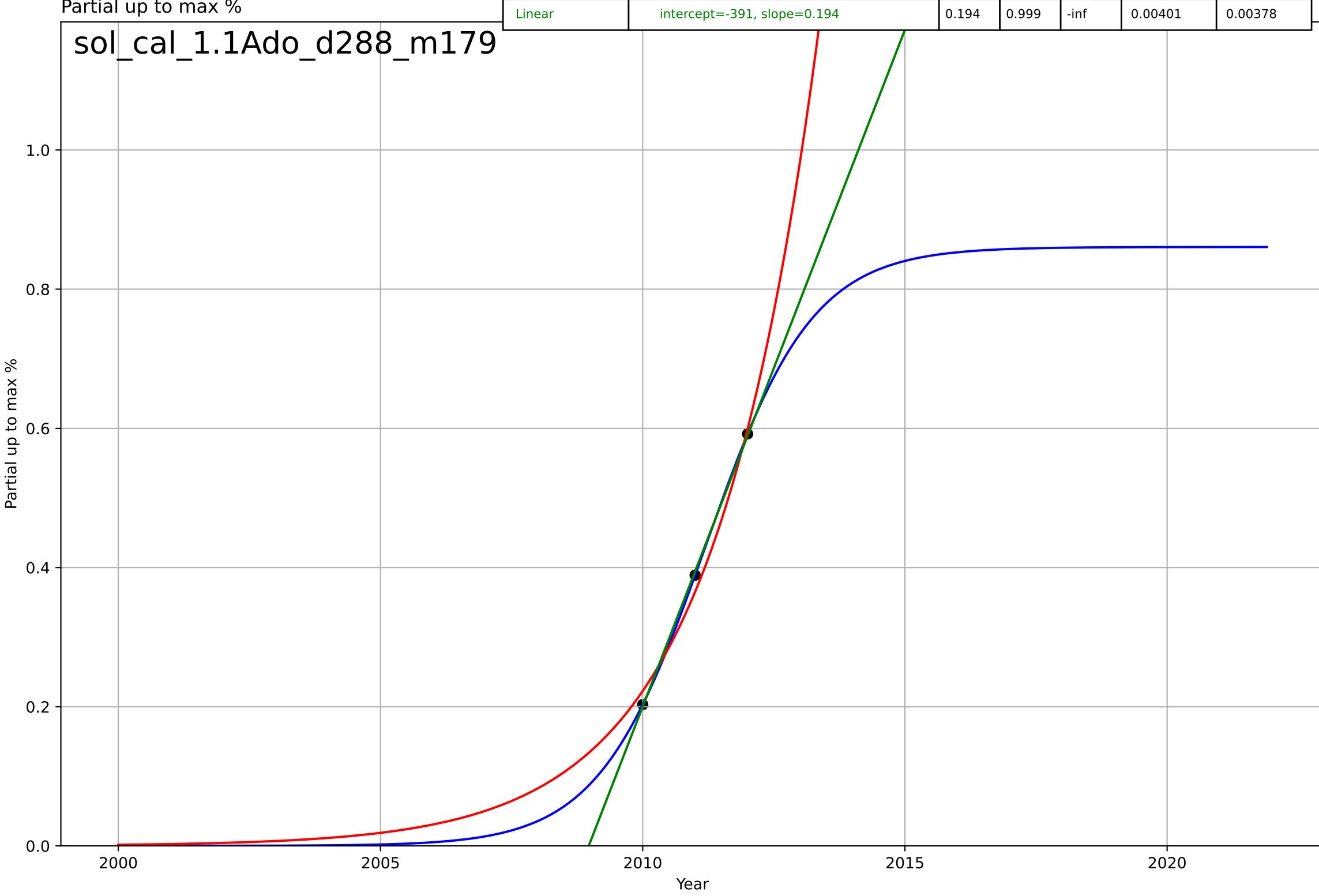
2005

2010

2015

2020

Year



solar leasing

California

1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=7.71, K=8.42	0.57	1	1	1.54e-11	1.44e-11
Exponential	1.41*exp(0.544*(x-2014))	0.544	1	-inf	0.000914	0.00084
Linear	intercept=-386, slope=0.192	0.192	0.979	-inf	0.0231	0.0218

sol\_cal\_1.1Ado\_d289\_m179

Partial up to max %

2000

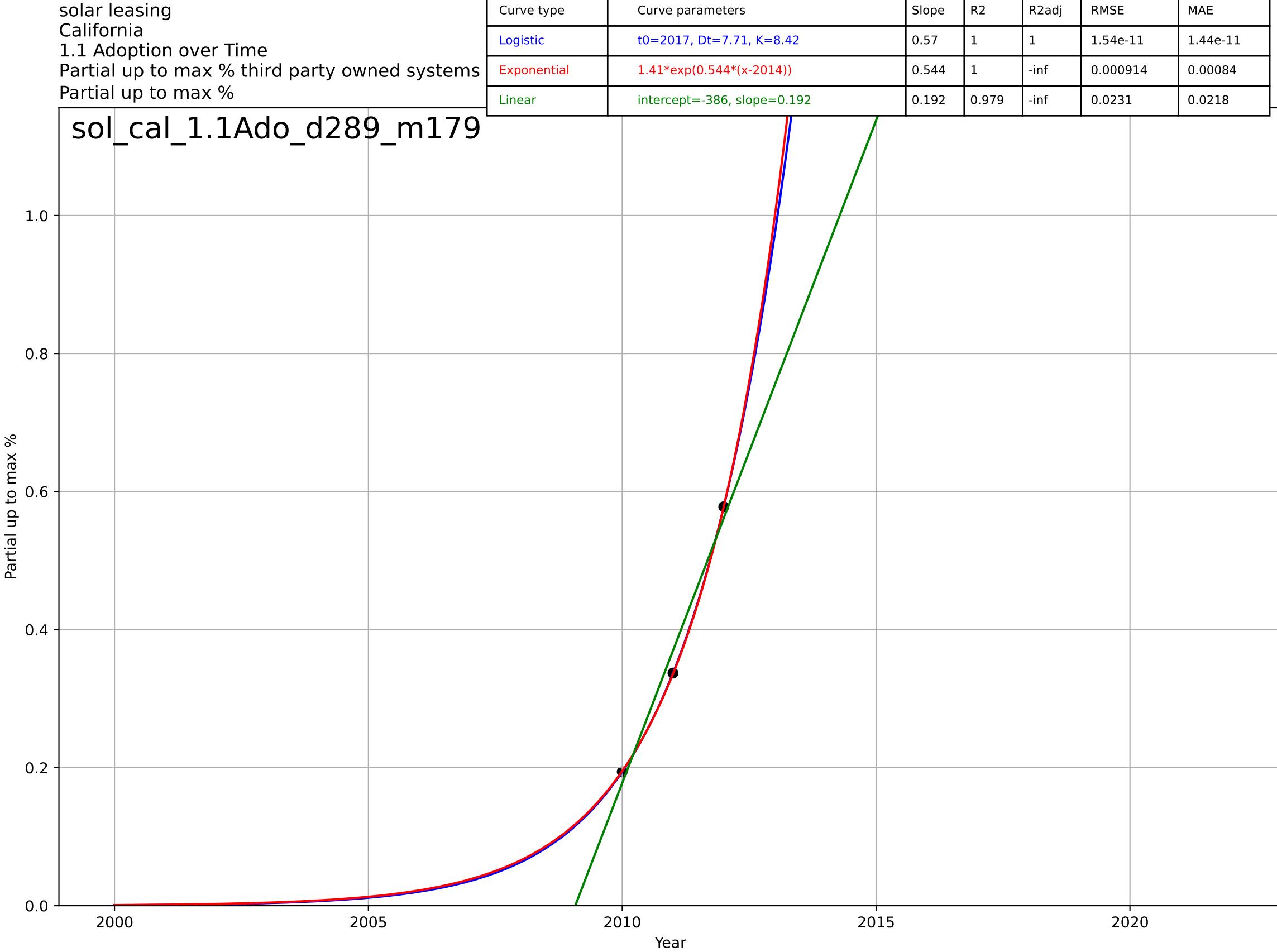
2005

2010

2015

2020

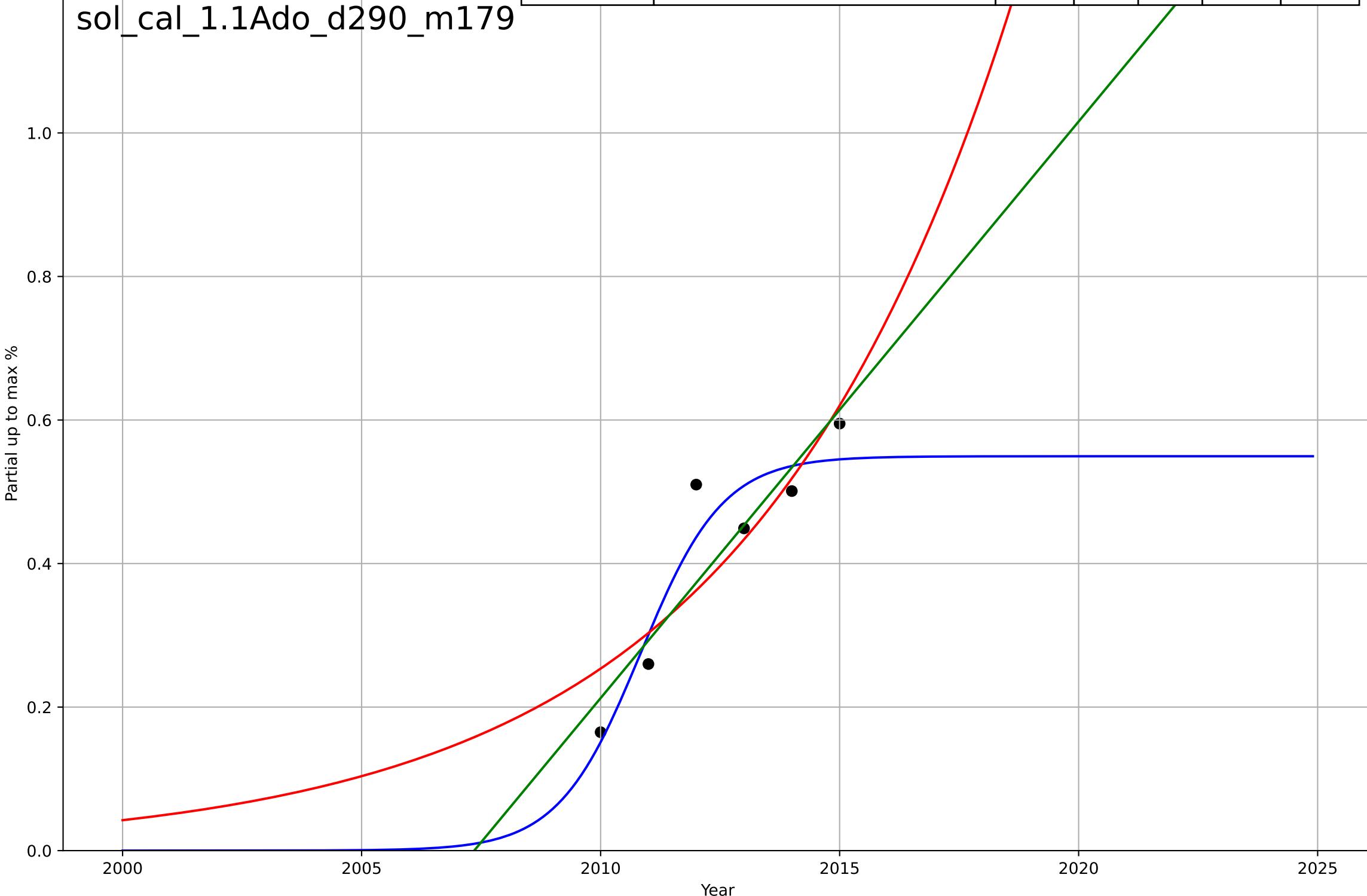
Year



solar leasing  
 California  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=3.78, K=0.55$	1.16	0.894	0.735	0.0491	0.0454
Exponential	$5.97 \cdot \exp(0.179 \cdot (x-2028))$	0.179	0.761	0.602	0.0737	0.0562
Linear	intercept=-161, slope=0.0803	0.0803	0.828	0.713	0.0626	0.0456

sol\_cal\_1.1Ado\_d290\_m179



solar leasing

California

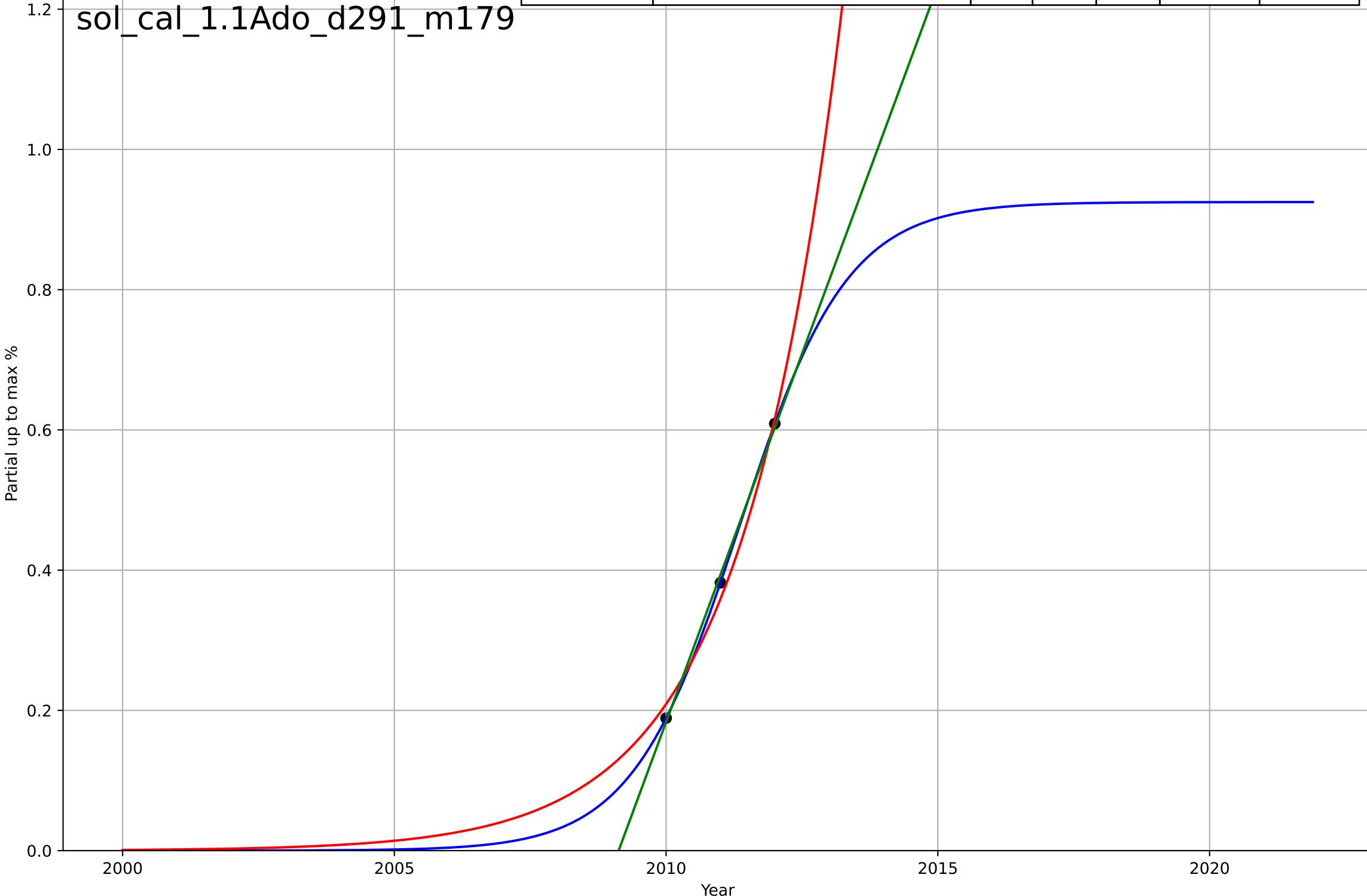
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=4.36, K=0.925	1.01	1	1	8.24e-14	7.42e-14
Exponential	1.41*exp(0.54*(x-2014))	0.54	0.989	-inf	0.0181	0.0167
Linear	intercept=-422, slope=0.21	0.21	0.998	-inf	0.00801	0.00756

sol\_cal\_1.1Ado\_d291\_m179



solar leasing

Connecticut

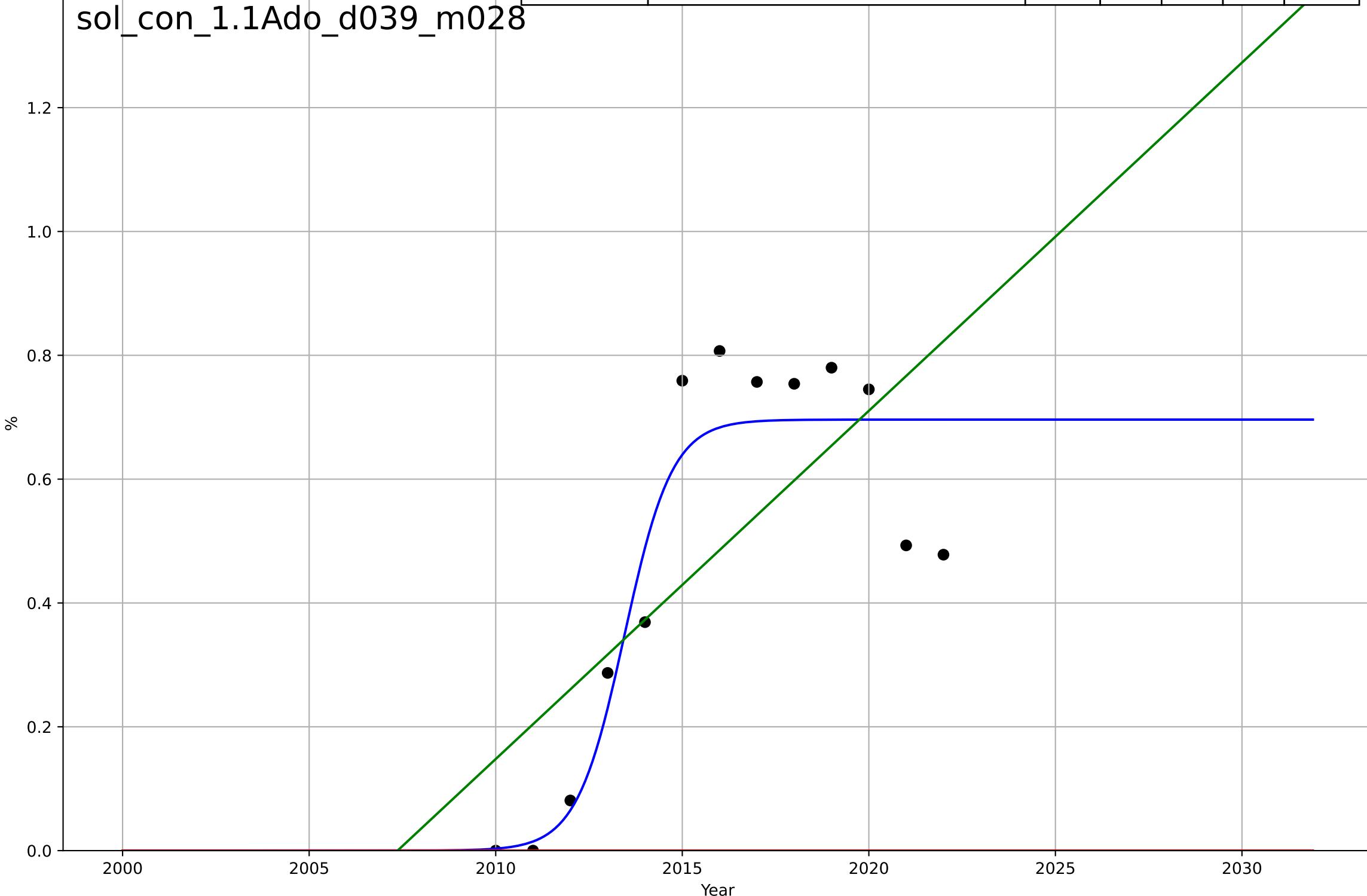
1.1 Adoption over Time

% third party owned systems (100k – 150k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=2.81, K=0.696	1.57	0.868	0.825	0.109	0.0869
Exponential	1.55e+03*exp(0.0062*(x-157629))	0.0062	-2.63	-3.35	0.57	0.485
Linear	intercept=-113, slope=0.0562	0.0562	0.494	0.392	0.213	0.182

sol\_con\_1.1Ado\_d039\_m028

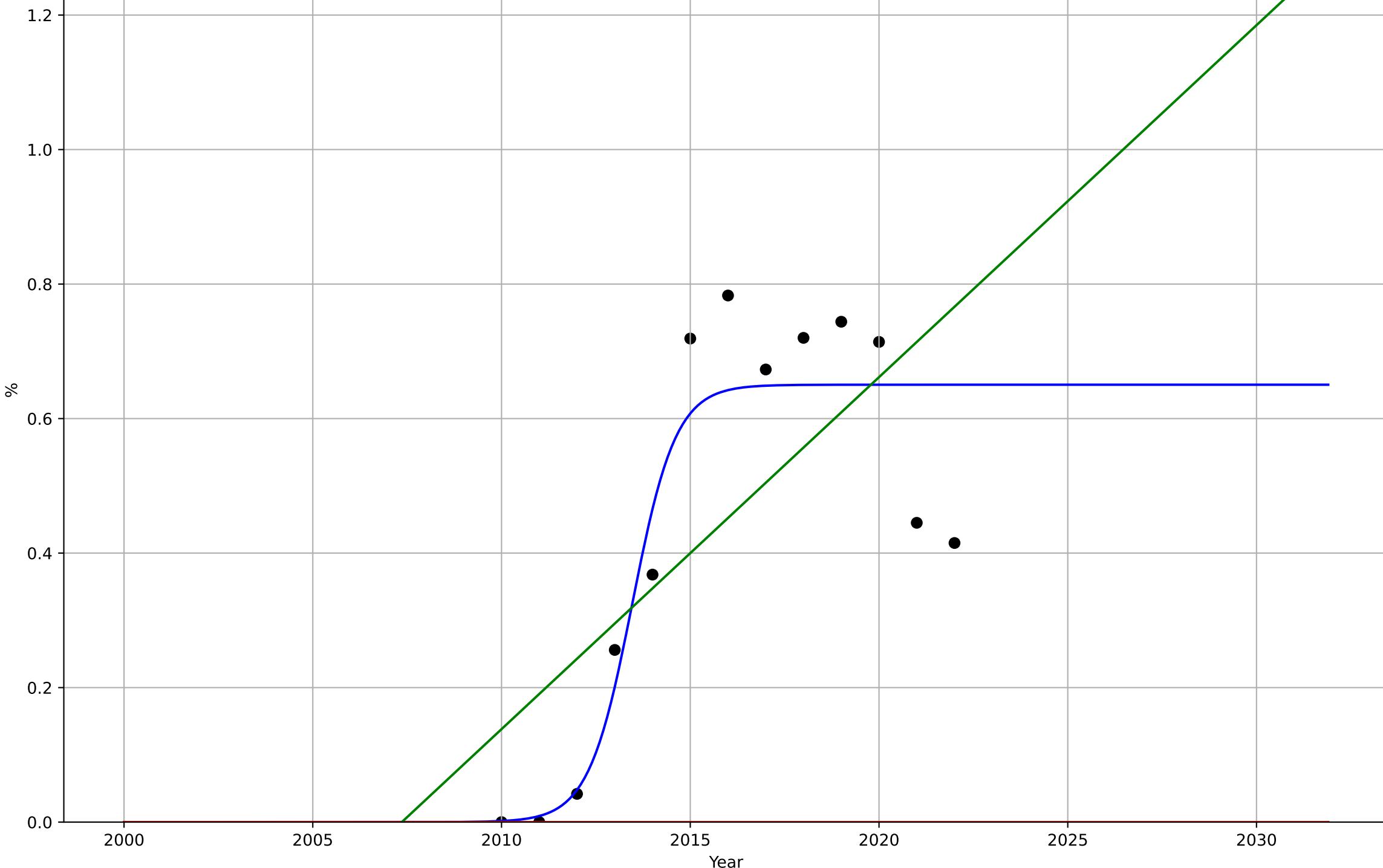


solar leasing  
Connecticut  
1.1 Adoption over Time

% third party owned systems (150k – 200k)  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=2.54, K=0.65	1.73	0.851	0.801	0.111	0.0856
Exponential	1.55e+03*exp(0.00584*(x-157619))	0.00584	-2.46	-3.16	0.536	0.452
Linear	intercept=-105, slope=0.0523	0.0523	0.462	0.354	0.211	0.183

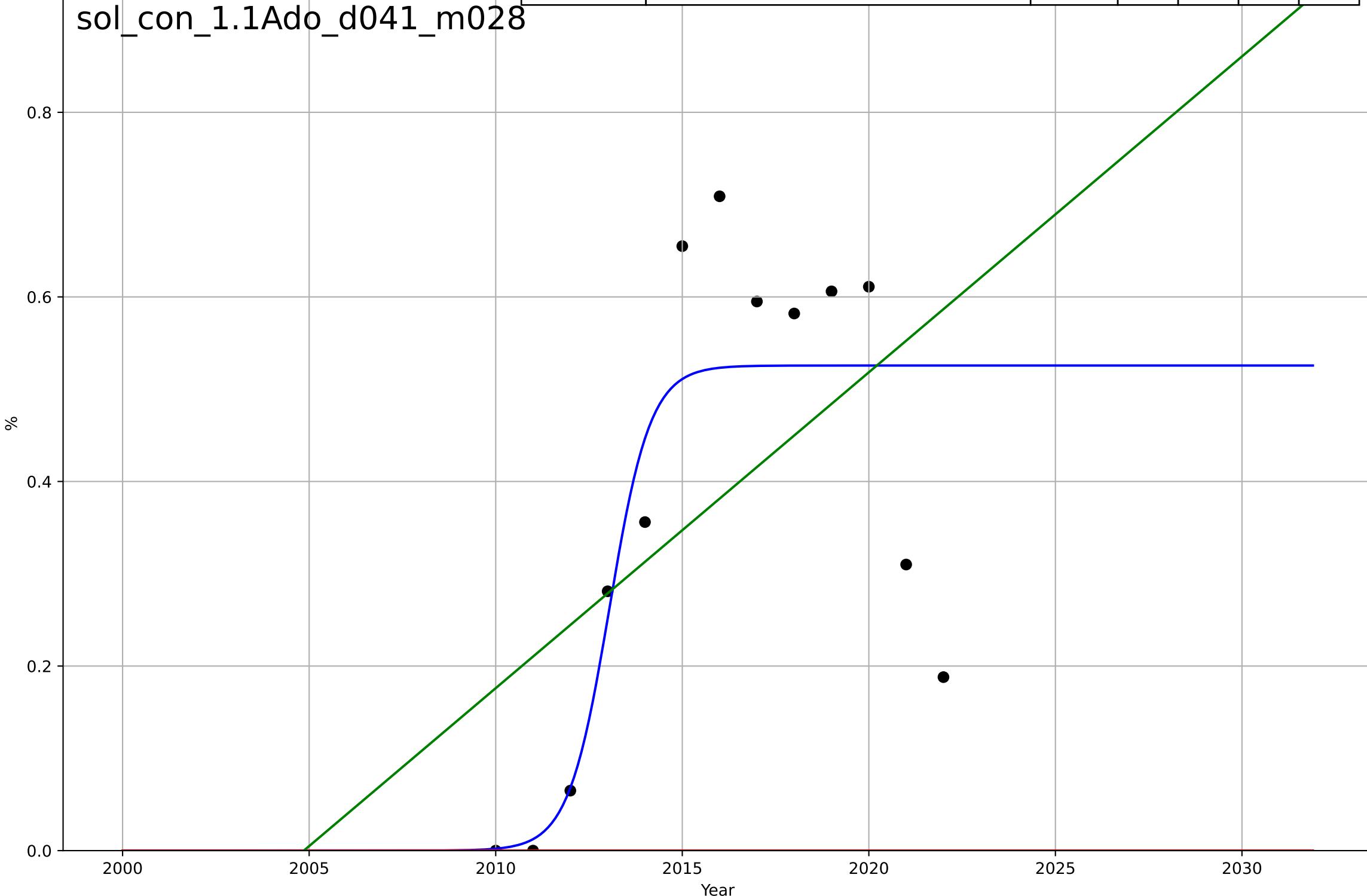
sol\_con\_1.1Ado\_d040\_m028



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 % third party owned systems (200k – 250k)  
 %

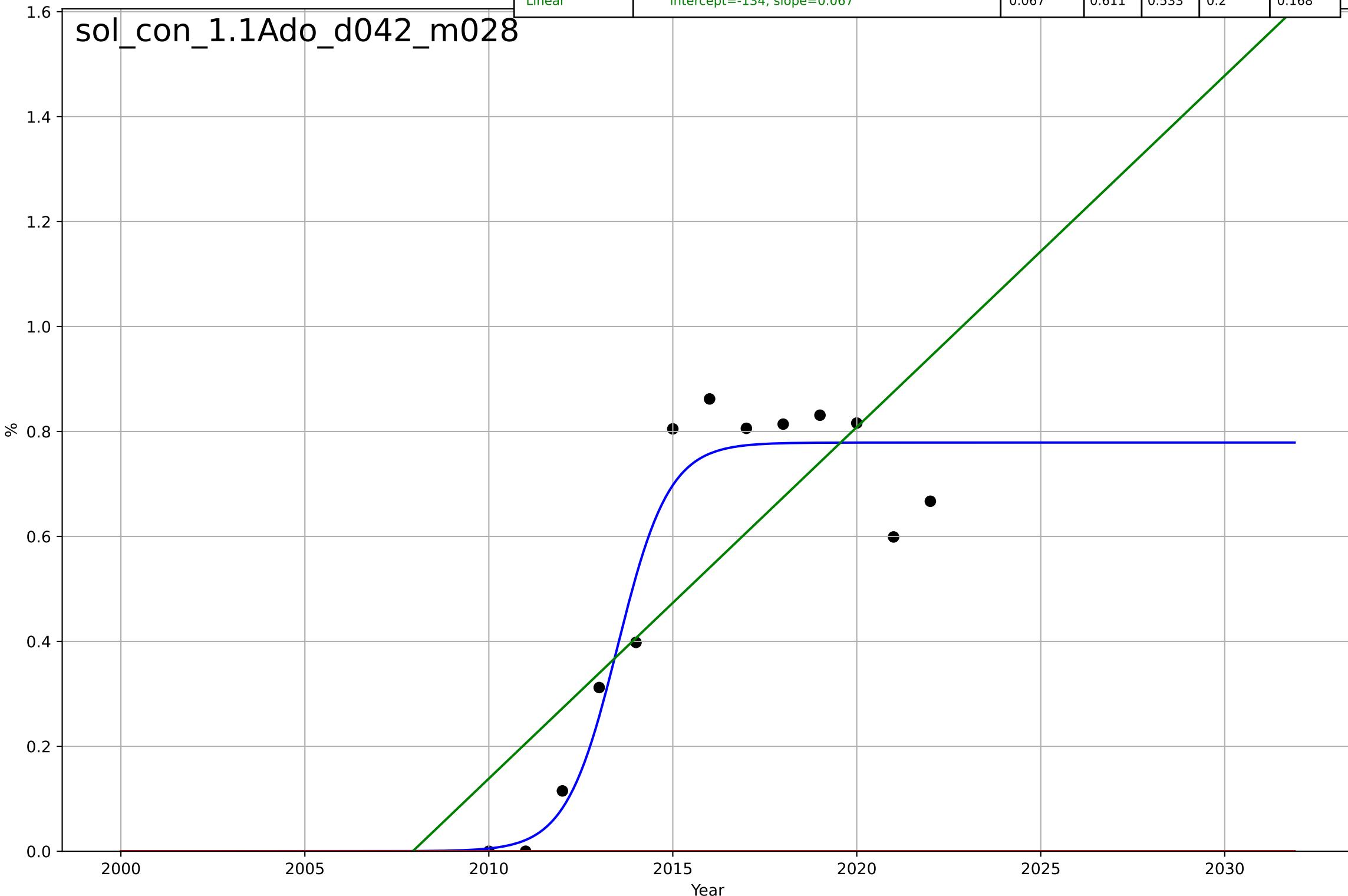
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=2.42, K=0.526	1.82	0.697	0.596	0.138	0.101
Exponential	1.55e+03*exp(0.00415*(x-157566))	0.00415	-2.32	-2.98	0.456	0.381
Linear	intercept=-68.6, slope=0.0342	0.0342	0.261	0.114	0.215	0.186

sol\_con\_1.1Ado\_d041\_m028



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 % third party owned systems (50k – 100k)  
 %

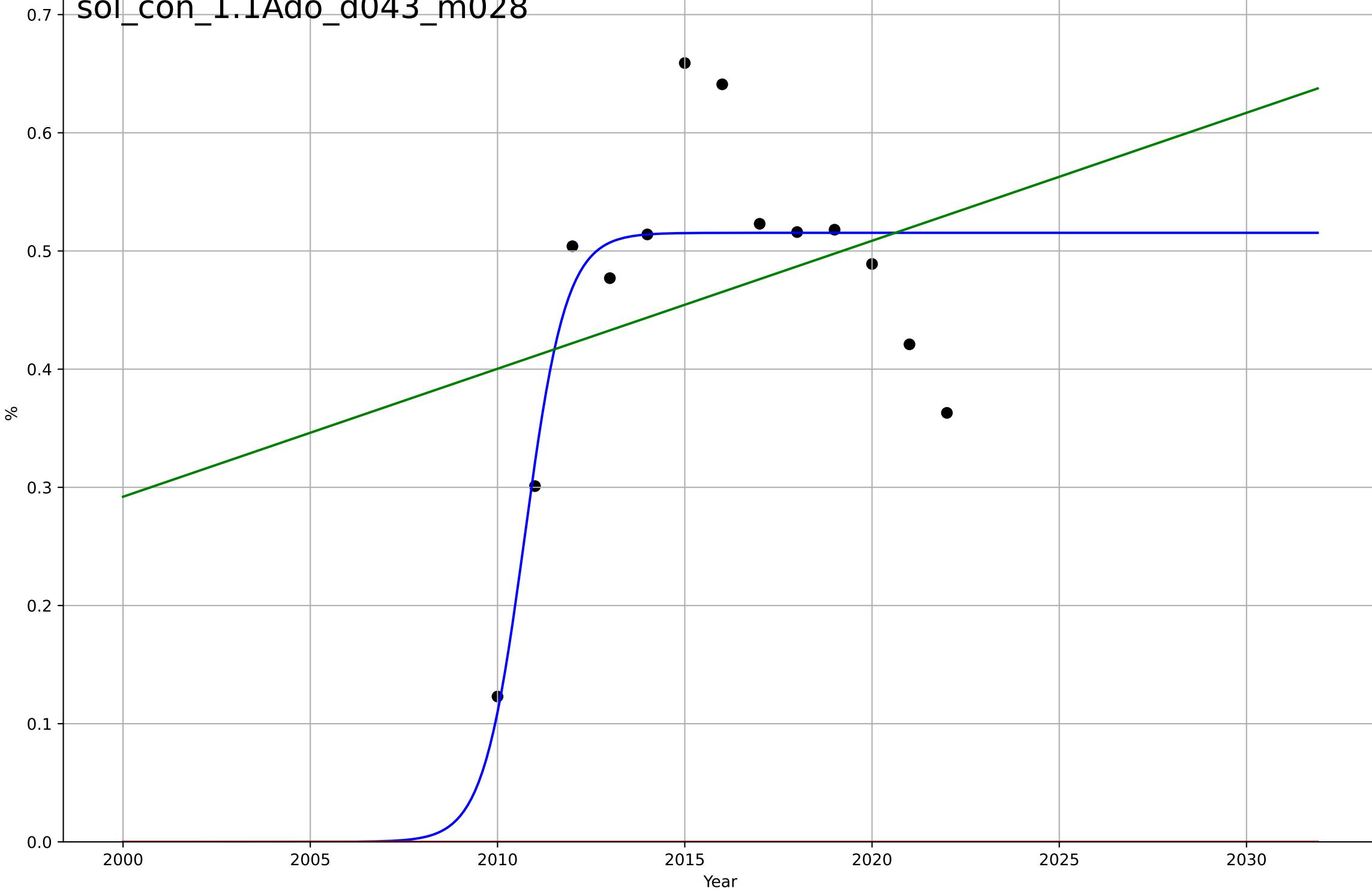
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=3.08, K=0.779	1.43	0.929	0.906	0.0851	0.0694
Exponential	1.55e+03*exp(0.00721*(x-157660))	0.00721	-2.84	-3.61	0.628	0.54
Linear	intercept=-134, slope=0.067	0.067	0.611	0.533	0.2	0.168



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 % third party owned systems (<\$50k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2.43, K=0.515	1.81	0.697	0.597	0.0745	0.0502
Exponential	1.56e+03*exp(0.00196*(x-157490))	0.00196	-11.8	-14.4	0.485	0.465
Linear	intercept=-21.4, slope=0.0108	0.0108	0.0896	-0.0925	0.129	0.104

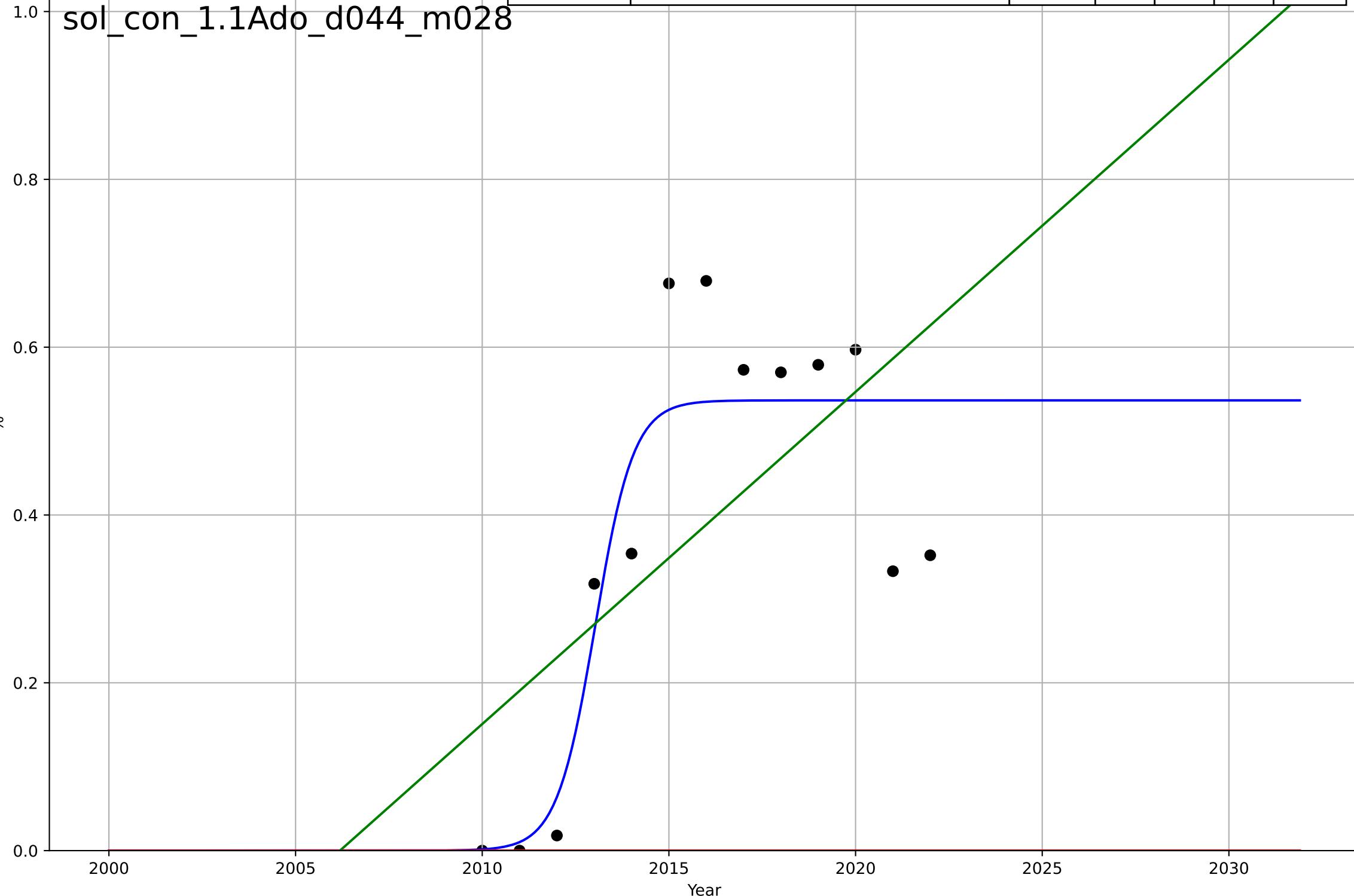
sol\_con\_1.1Ado\_d043\_m028



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 % third party owned systems (>\$250k)  
 %

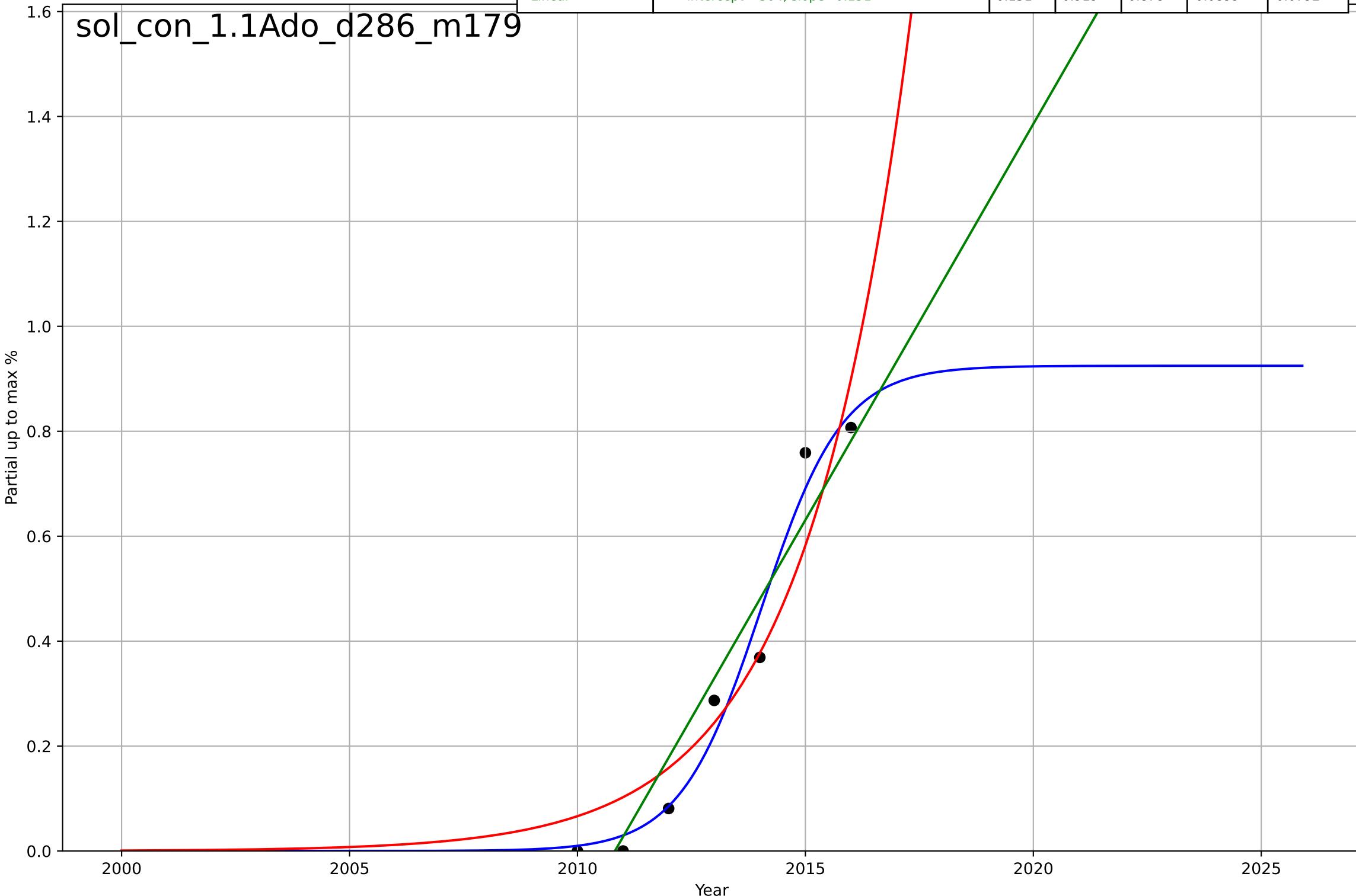
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=2.26, K=0.537	1.95	0.81	0.747	0.106	0.0833
Exponential	1.55e+03*exp(0.00466*(x-157583))	0.00466	-2.57	-3.28	0.458	0.388
Linear	intercept=-79.4, slope=0.0396	0.0396	0.374	0.248	0.192	0.166

sol\_con\_1.1Ado\_d044\_m028



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

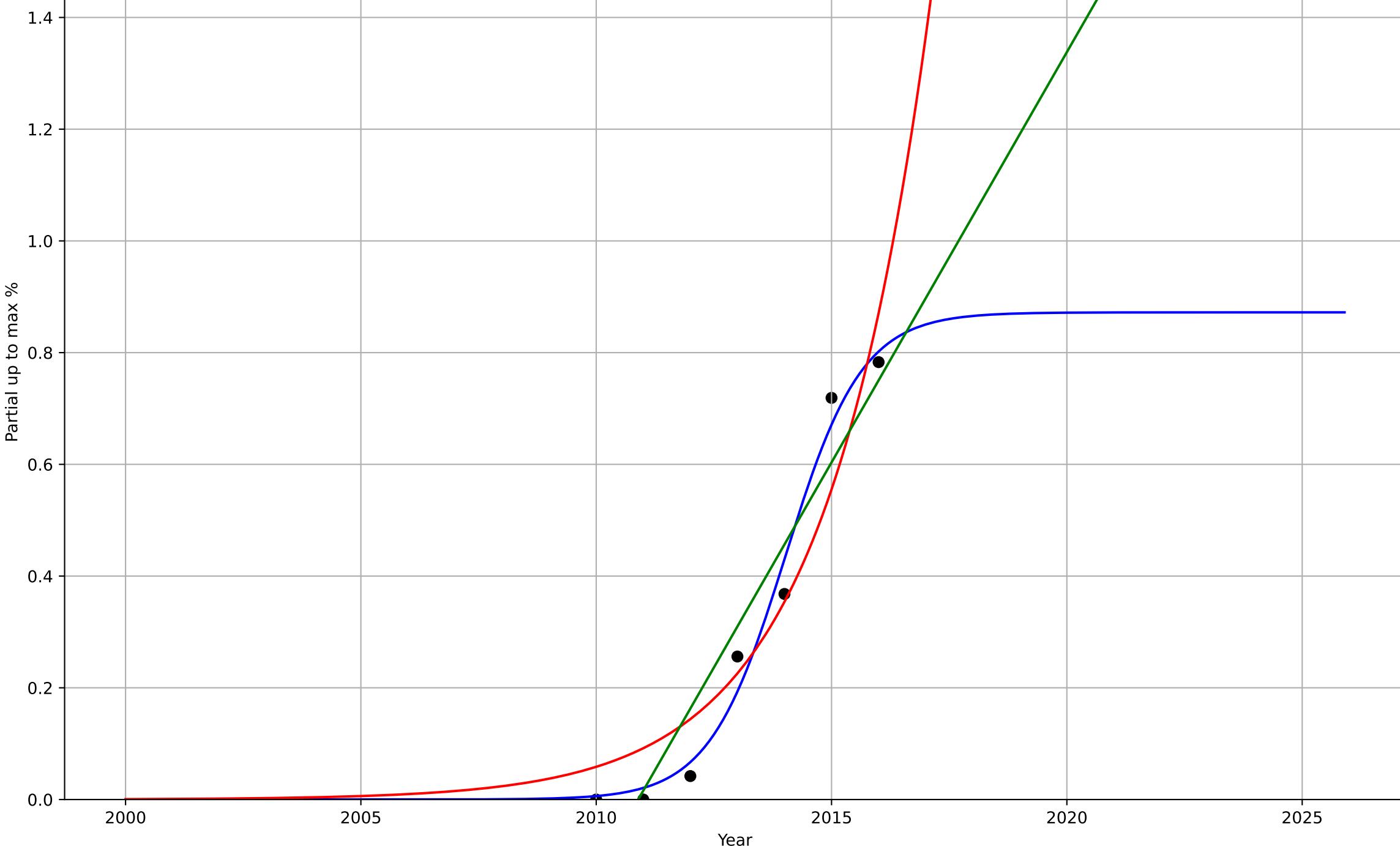
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014$ , $Dt=3.91$ , $K=0.925$	1.12	0.974	0.949	0.0505	0.0413
Exponential	$1.14 \cdot \exp(0.434 \cdot (x-2017))$	0.434	0.91	0.865	0.0945	0.0808
Linear	intercept=-304, slope=0.151	0.151	0.919	0.878	0.0899	0.0792



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

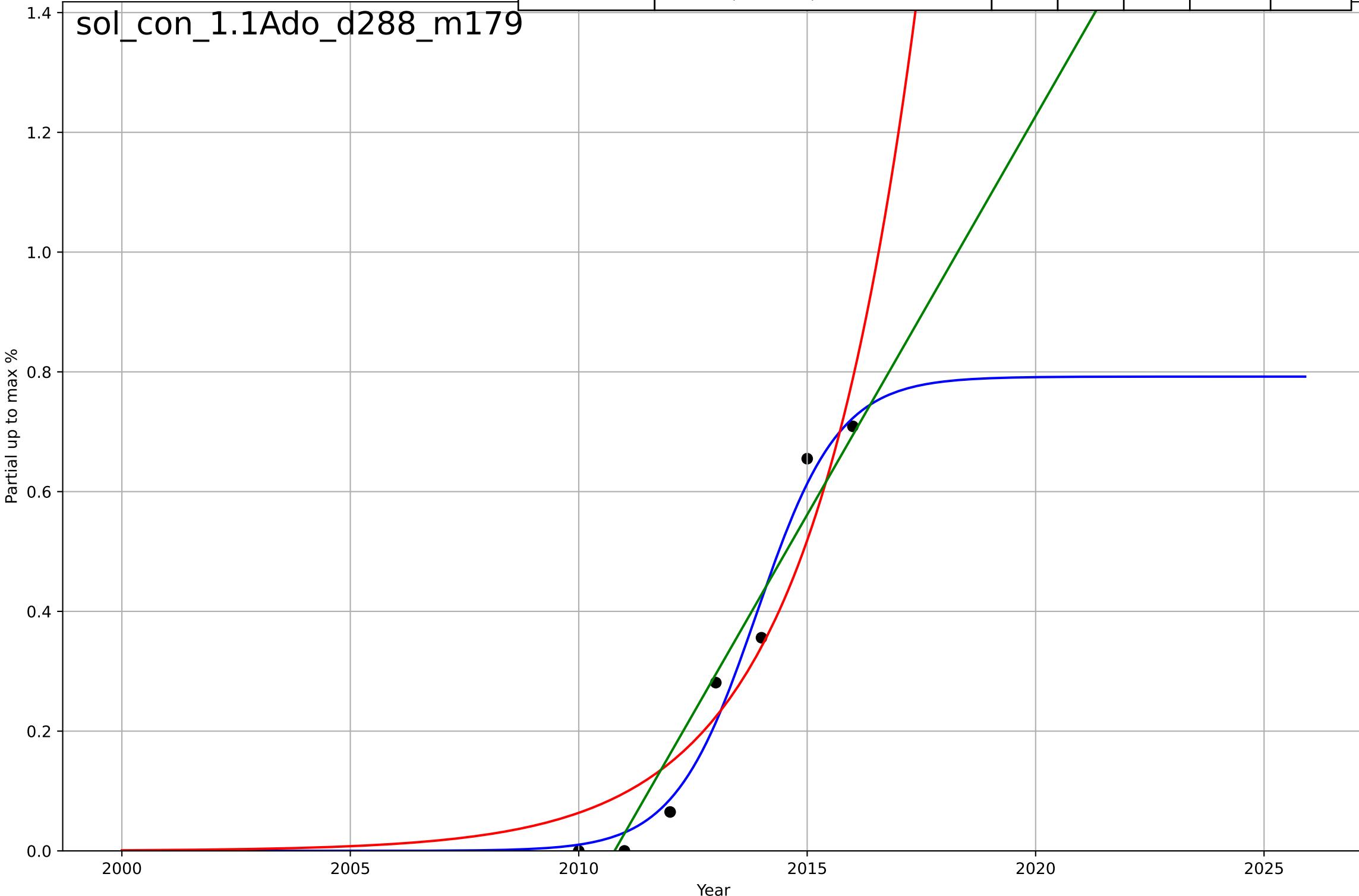
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=3.57, K=0.872$	1.23	0.982	0.965	0.0407	0.0348
Exponential	$0.848 \cdot \exp(0.45 \cdot (x-2016))$	0.45	0.912	0.869	0.0909	0.0783
Linear	intercept=-295, slope=0.147	0.147	0.914	0.87	0.0904	0.0797

sol\_con\_1.1Ado\_d287\_m179



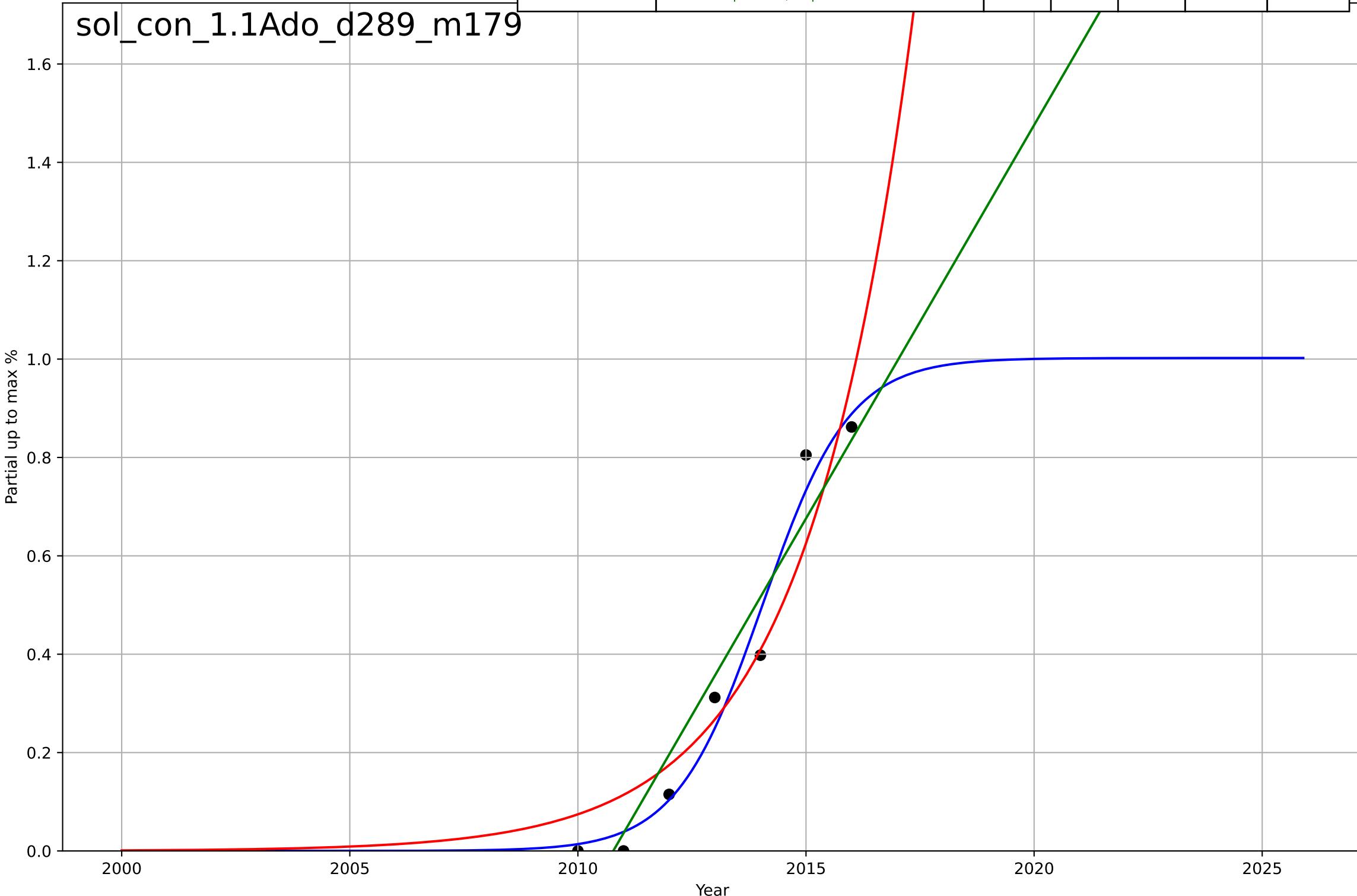
solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=3.95, K=0.792$	1.11	0.978	0.955	0.0413	0.0354
Exponential	$6.13 \cdot \exp(0.42 \cdot (x-2021))$	0.42	0.909	0.863	0.0834	0.0759
Linear	intercept=-268, slope=0.133	0.133	0.933	0.9	0.0712	0.0607



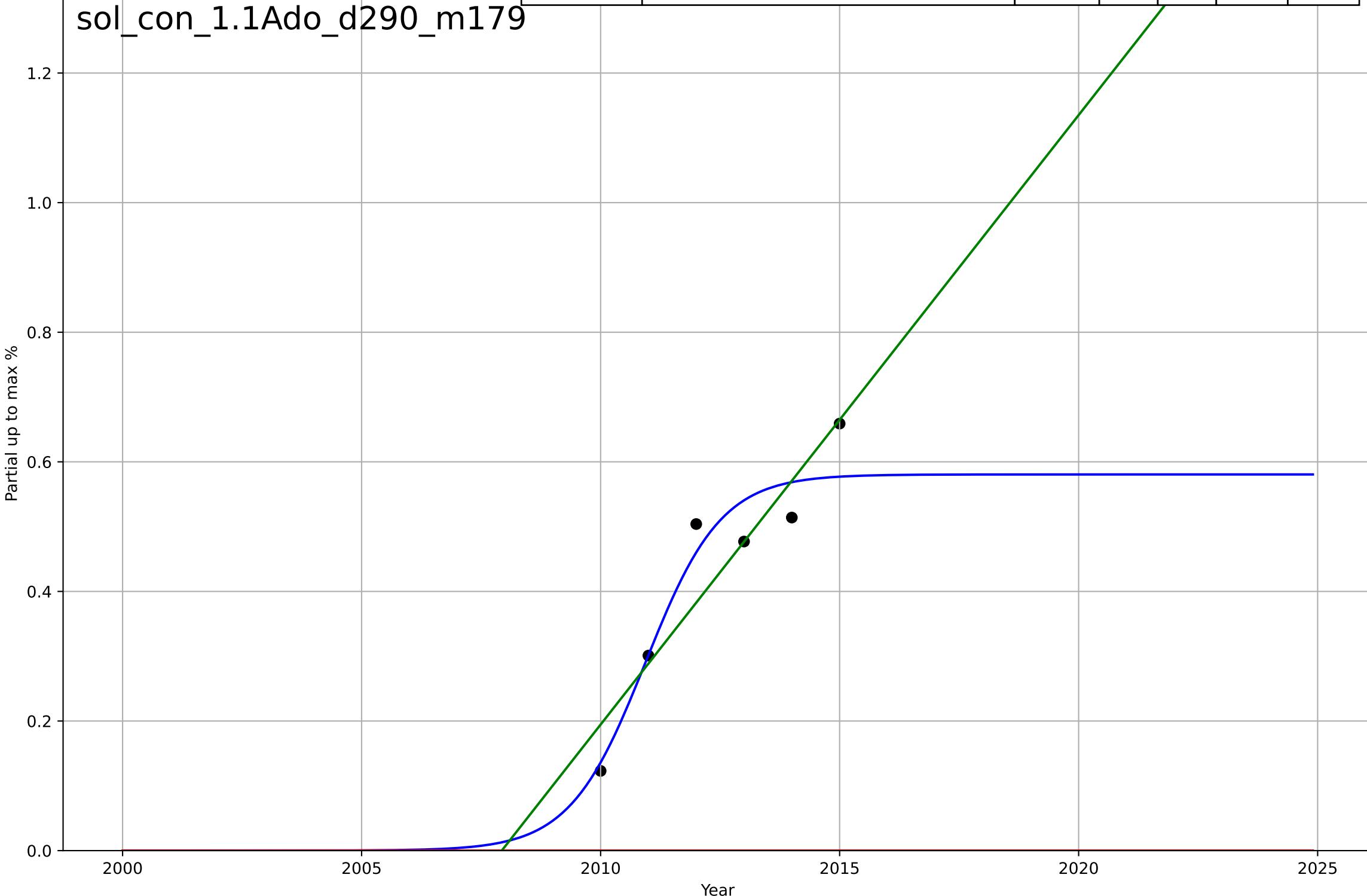
solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=4.17, K=1$	1.05	0.974	0.949	0.0531	0.045
Exponential	$1.24 \cdot \exp(0.426 \cdot (x-2017))$	0.426	0.915	0.873	0.0968	0.0826
Linear	intercept=-322, slope=0.16	0.16	0.927	0.891	0.0898	0.0797



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

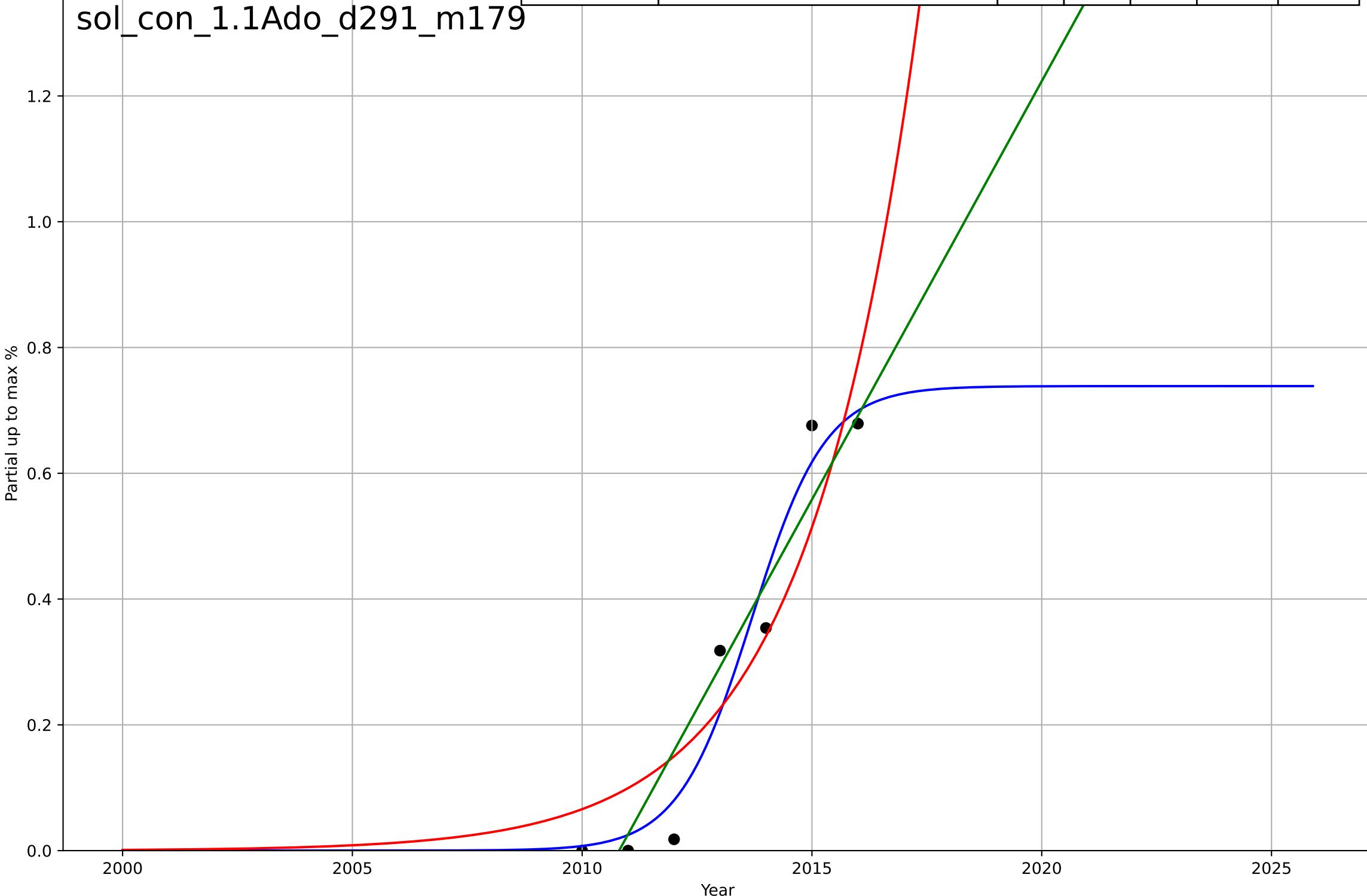
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=3.48, K=0.581$	1.26	0.911	0.778	0.0513	0.0429
Exponential	$1.55e+03 \cdot \exp(0.00979 \cdot (x-157727))$	0.00979	-6.22	-11	0.463	0.43
Linear	intercept=-189, slope=0.0941	0.0941	0.869	0.782	0.0623	0.0447



solar leasing  
 Connecticut  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2014, D_t=3.52, K=0.739$	1.25	0.954	0.907	0.0602	0.051
Exponential	$6.11 \cdot \exp(0.411 \cdot (x-2021))$	0.411	0.862	0.792	0.104	0.0943
Linear	intercept=-268, slope=0.133	0.133	0.905	0.858	0.086	0.0716

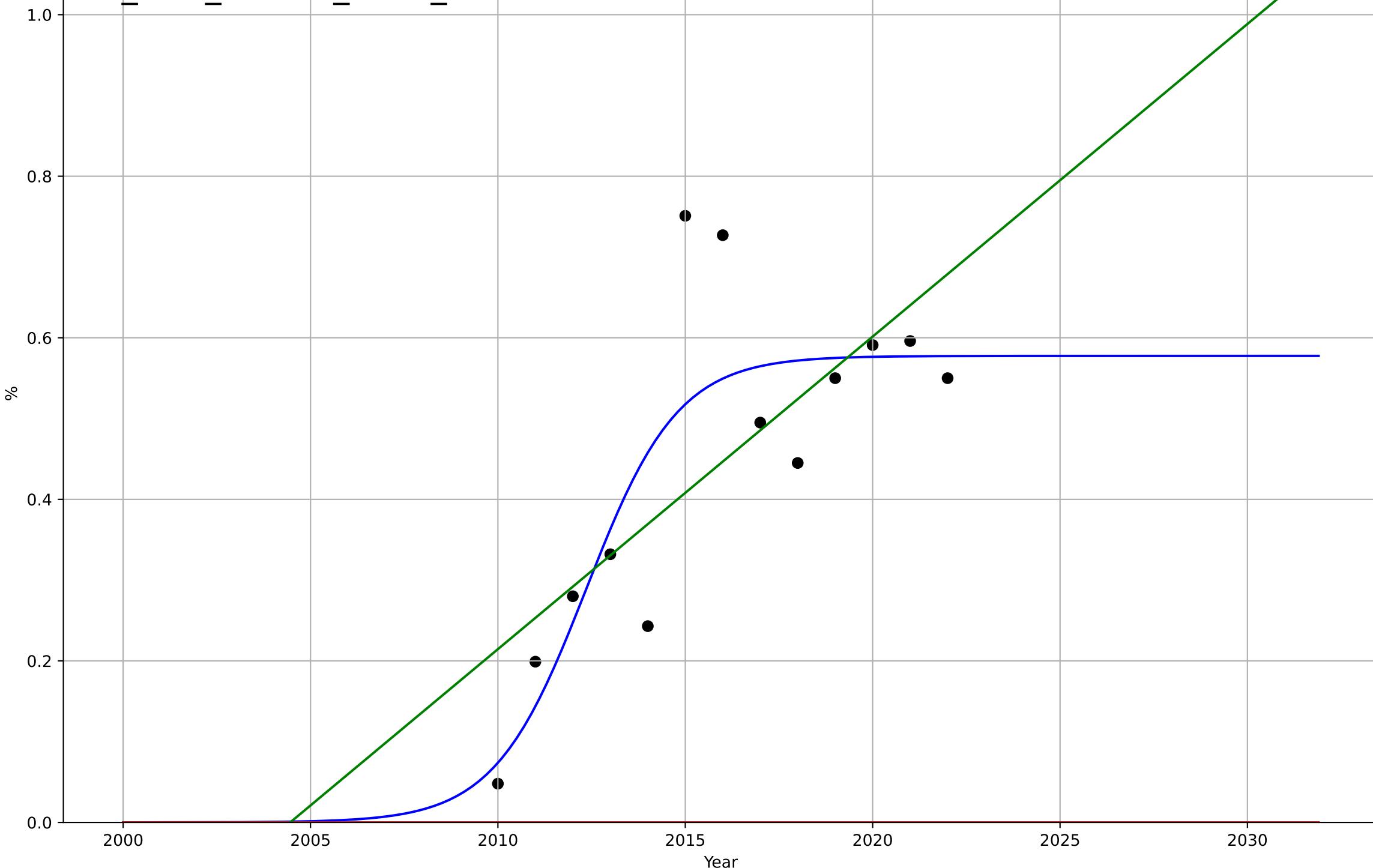
sol\_con\_1.1Ado\_d291\_m179



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (100k – 150k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=5.39, K=0.578	0.816	0.703	0.604	0.111	0.081
Exponential	1.55e+03*exp(0.00457*(x-157577))	0.00457	-4.8	-5.96	0.491	0.447
Linear	intercept=-77.6, slope=0.0387	0.0387	0.504	0.405	0.144	0.0976

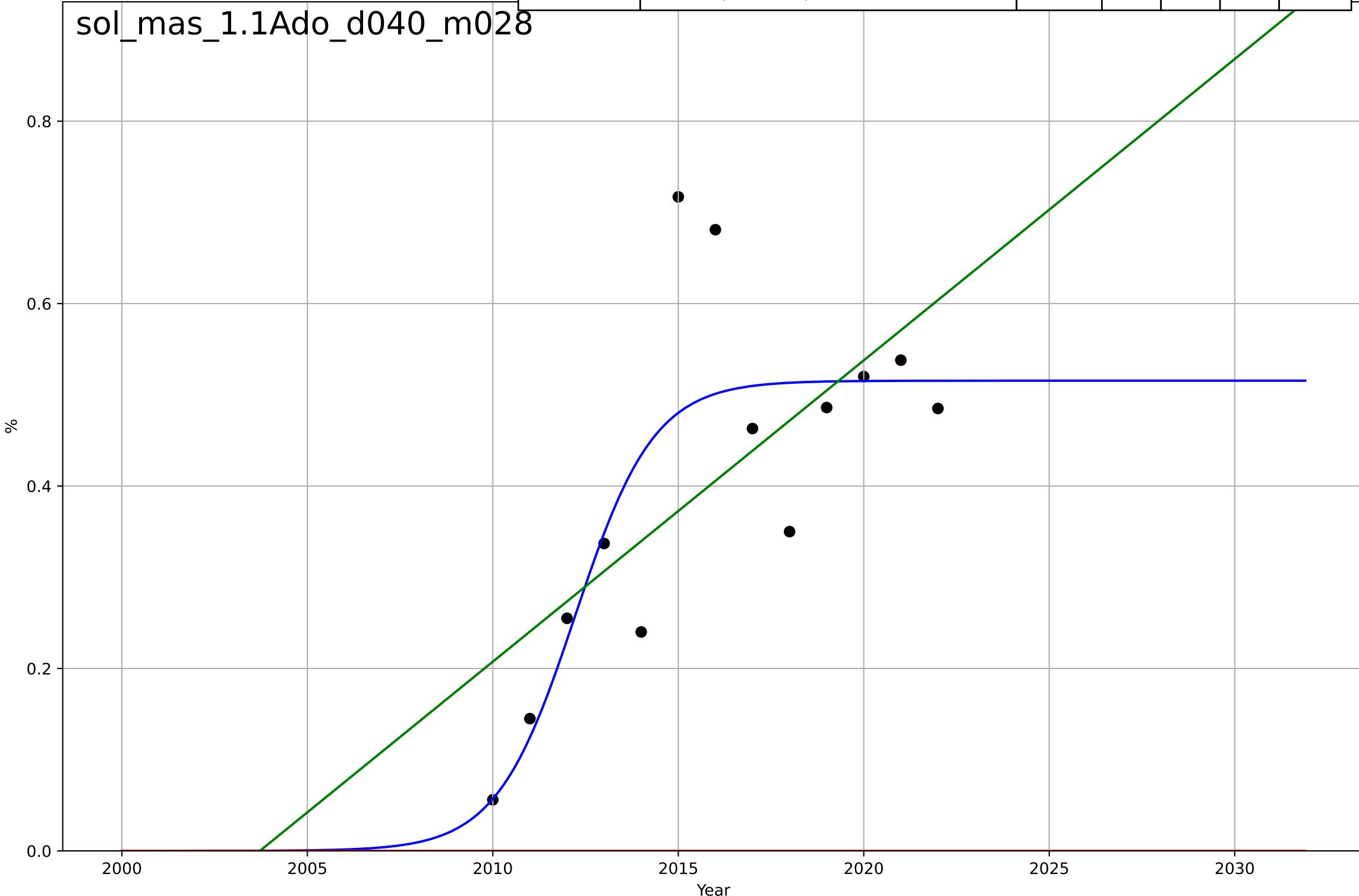
sol\_mas\_1.1Ado\_d039\_m028



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (150k – 200k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=4.68, K=0.515	0.939	0.661	0.549	0.11	0.0741
Exponential	1.55e+03*exp(0.00405*(x-157562))	0.00405	-4.57	-5.69	0.448	0.406
Linear	intercept=-66.2, slope=0.033	0.033	0.425	0.31	0.144	0.104

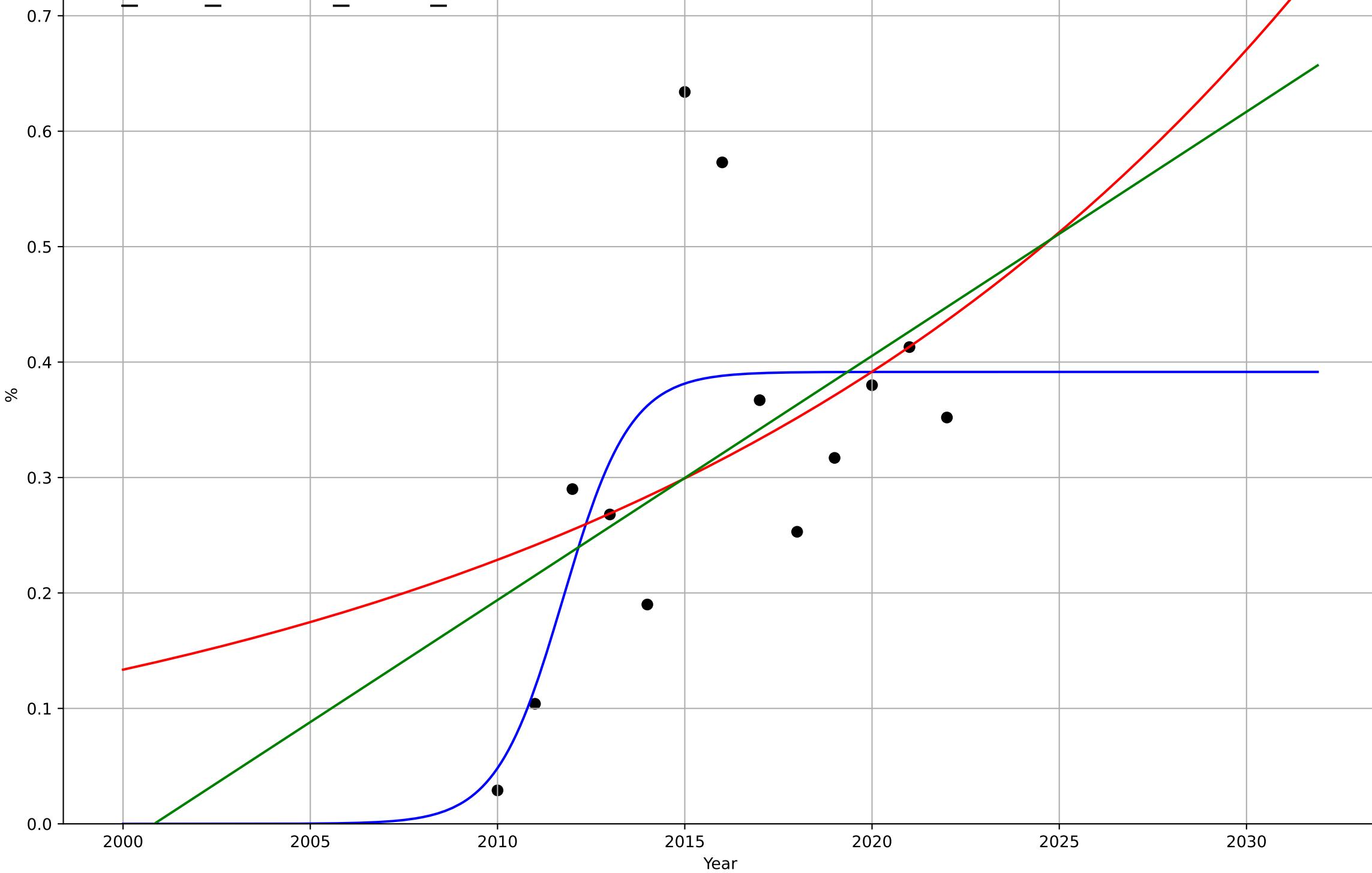
sol\_mas\_1.1Ado\_d040\_m028



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (200k – 250k)  
 %

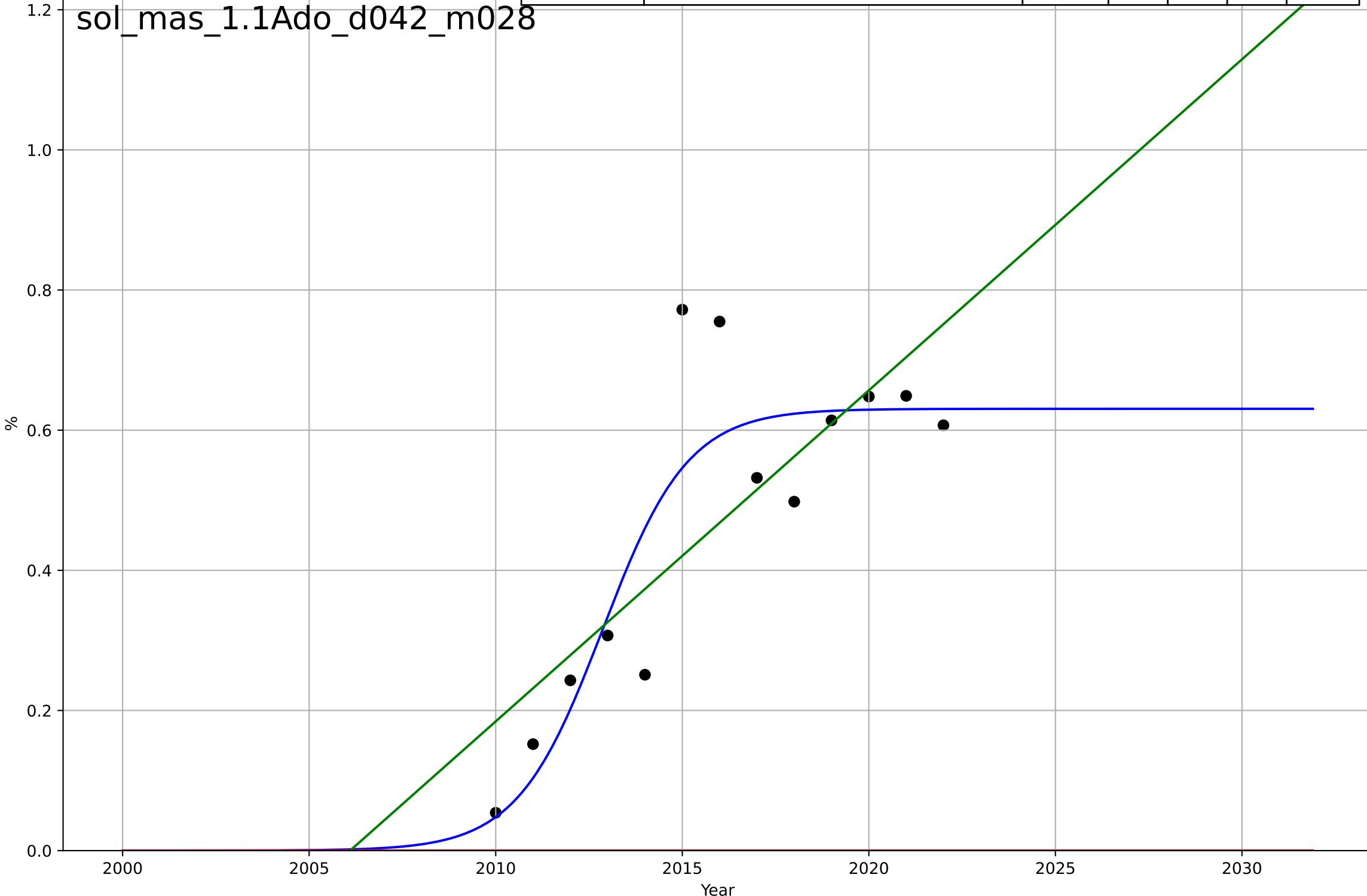
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=3.93, K=0.391	1.12	0.515	0.354	0.112	0.0819
Exponential	0.74*exp(0.0538*(x-2032))	0.0538	0.199	0.0385	0.144	0.103
Linear	intercept=-42.3, slope=0.0211	0.0211	0.243	0.0921	0.14	0.104

sol\_mas\_1.1Ado\_d041\_m028



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (50k – 100k)  
 %

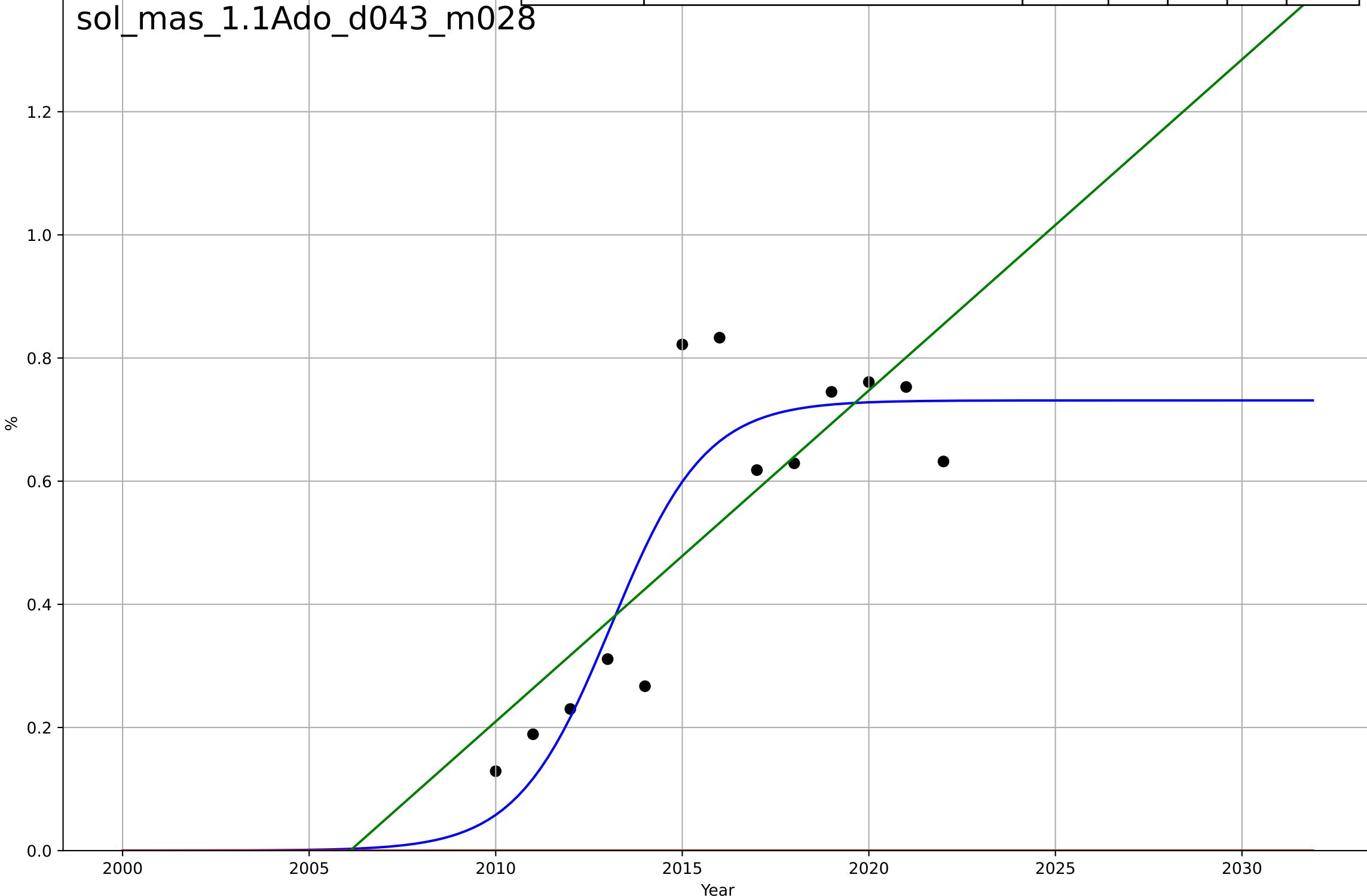
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=5.03, K=0.631	0.874	0.78	0.706	0.107	0.0771
Exponential	1.55e+03*exp(0.00537*(x-157603))	0.00537	-4.18	-5.22	0.521	0.468
Linear	intercept=-94.8, slope=0.0472	0.0472	0.597	0.516	0.145	0.102



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (<\$50k)  
 %

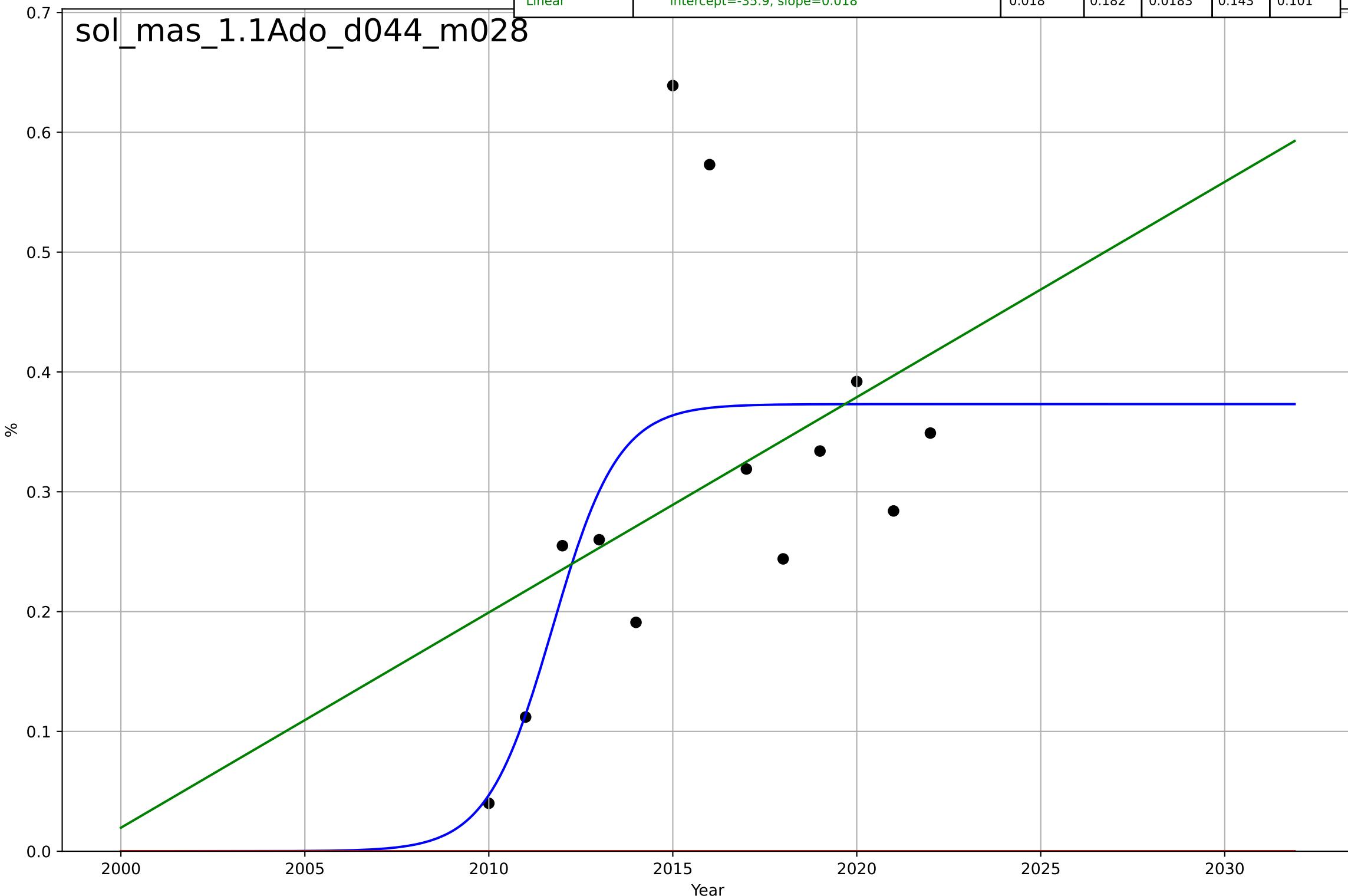
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2013, Dt=5.54, K=0.731	0.793	0.801	0.735	0.113	0.0891
Exponential	1.55e+03*exp(0.00597*(x-157620))	0.00597	-4.39	-5.47	0.59	0.532
Linear	intercept=-108, slope=0.0538	0.0538	0.627	0.553	0.155	0.114

sol\_mas\_1.1Ado\_d043\_m028



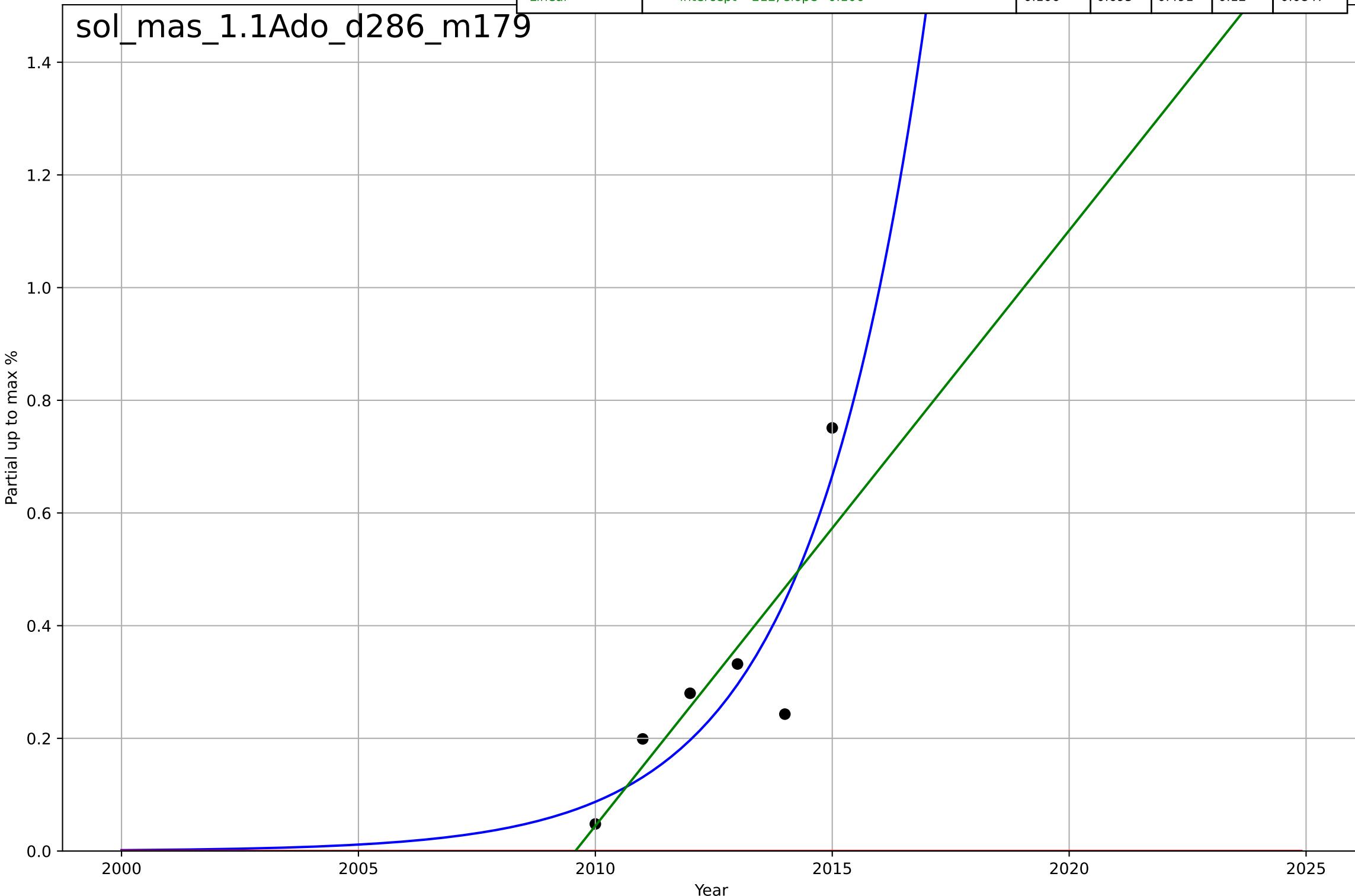
solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 % third party owned systems (>\$250k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=3.92, K=0.373	1.12	0.461	0.281	0.116	0.0828
Exponential	1.55e+03*exp(0.00265*(x-157520))	0.00265	-3.79	-4.75	0.345	0.307
Linear	intercept=-35.9, slope=0.018	0.018	0.182	0.0183	0.143	0.101



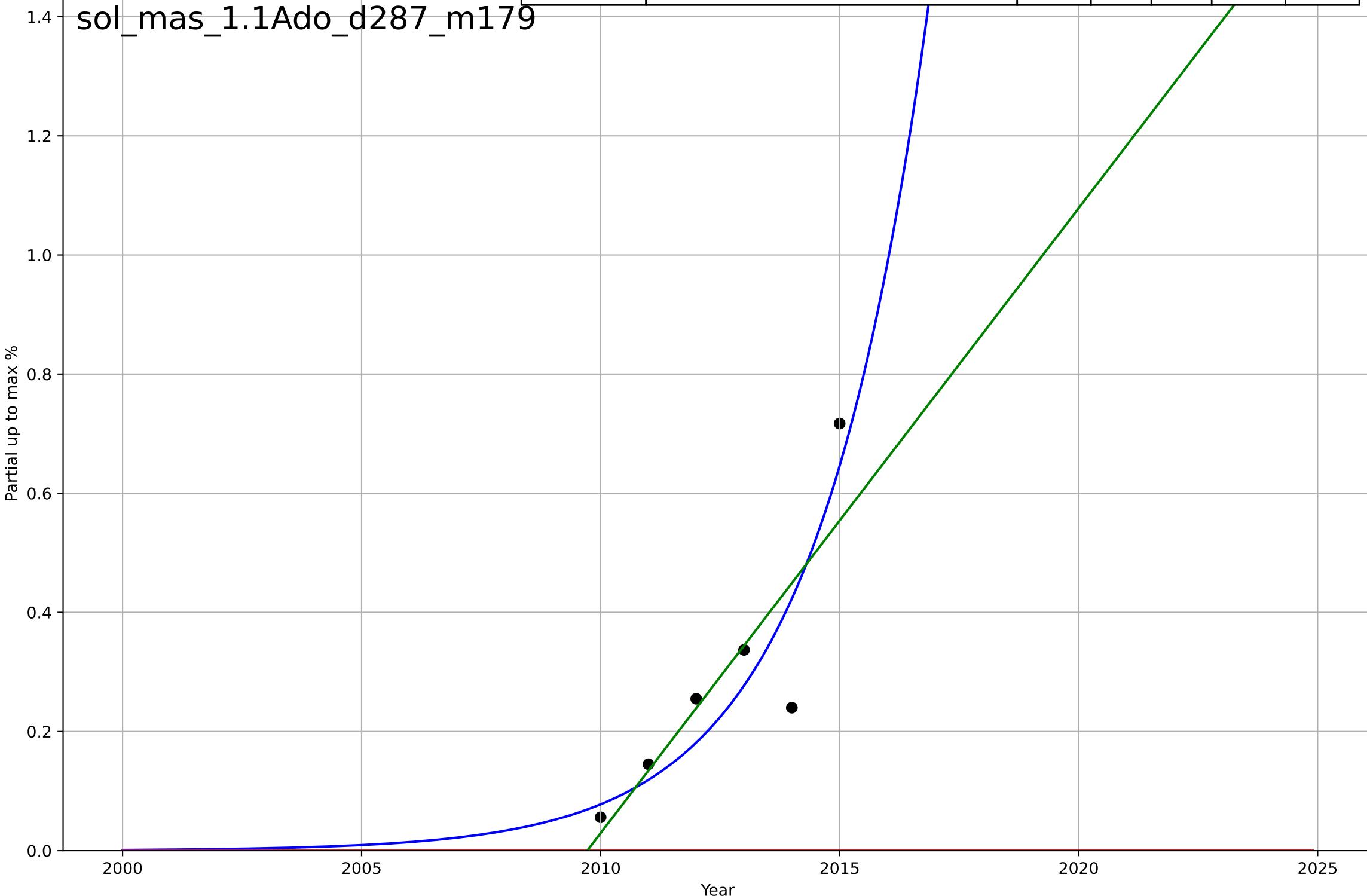
solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2043, D_t=10.8, K=6.11e+04$	0.406	0.78	0.45	0.102	0.0854
Exponential	$1.55e+03 \cdot \exp(0.0109 \cdot (x - 157768))$	0.0109	-2.03	-4.06	0.377	0.309
Linear	intercept=-212, slope=0.106	0.106	0.695	0.491	0.12	0.0847



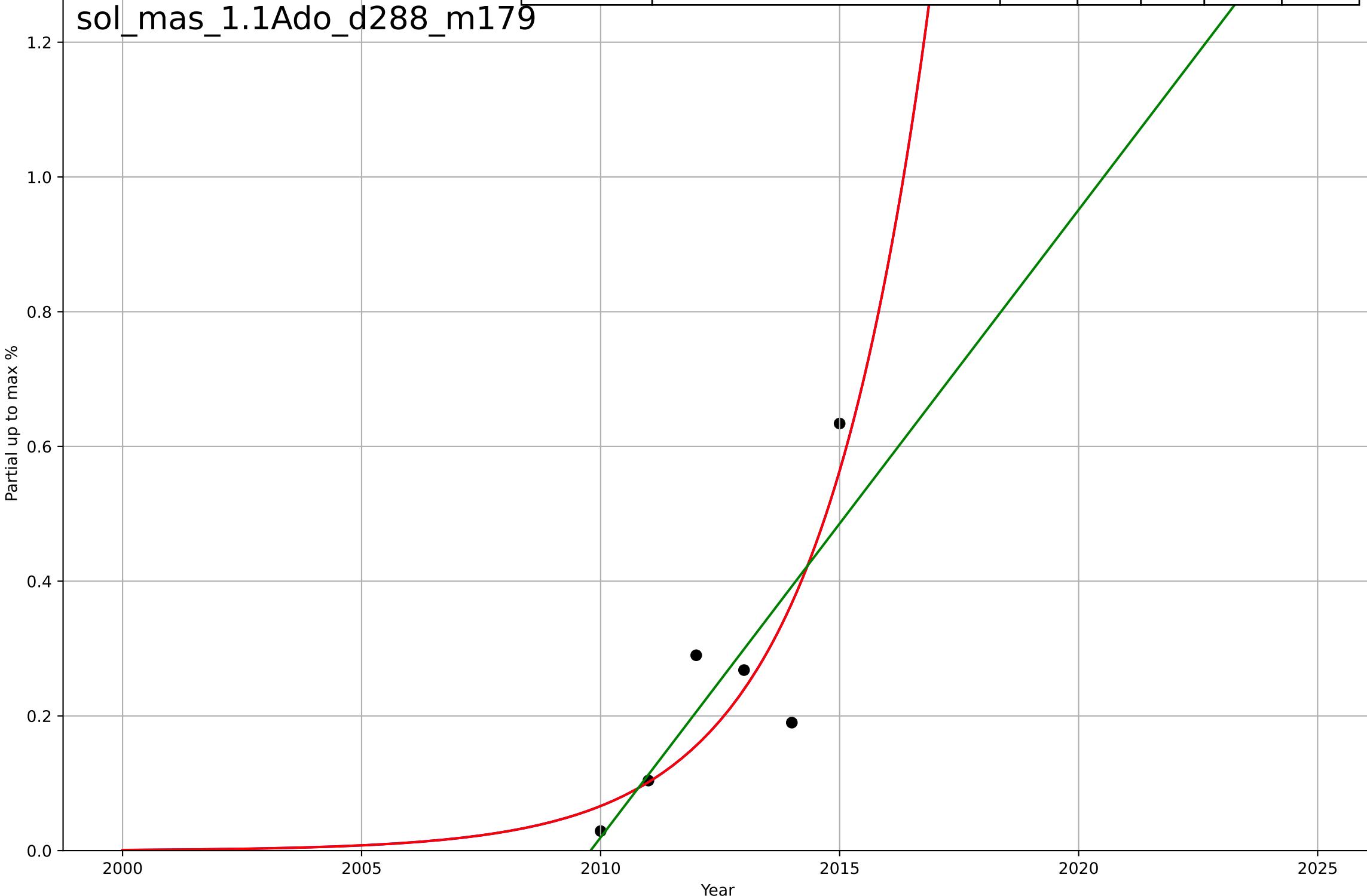
solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2042, D_t=10.4, K=5.79e+04$	0.423	0.815	0.539	0.0901	0.0726
Exponential	$1.18e+03 \cdot \exp(0.0108 \cdot (x - 120120))$	0.0108	-1.93	-3.89	0.359	0.292
Linear	intercept=-211, slope=0.105	0.105	0.73	0.549	0.109	0.0721



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

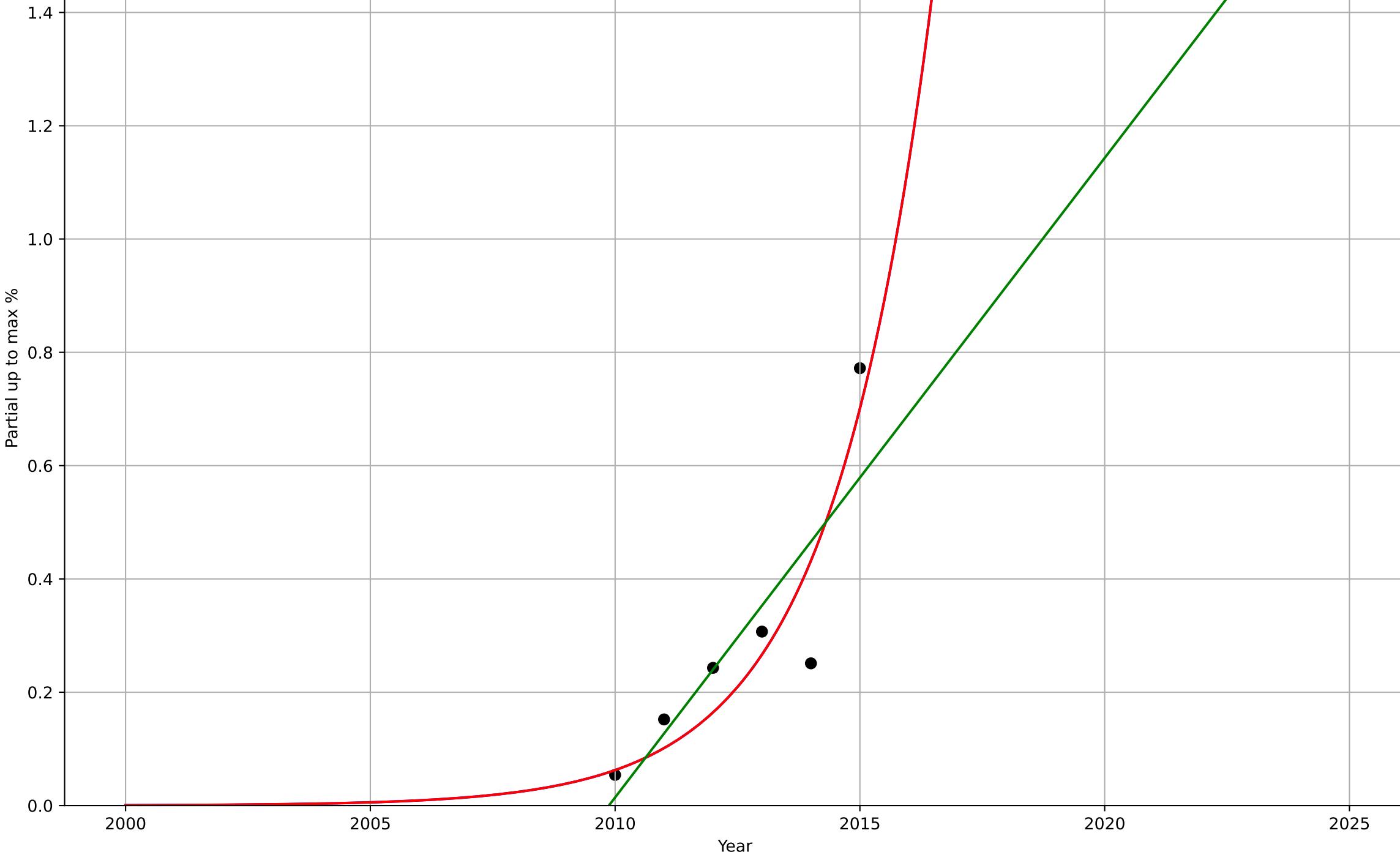
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2041$ , $Dt=10.3$ , $K=4.1e+04$	0.428	0.746	0.366	0.0971	0.075
Exponential	$5.39 \cdot \exp(0.428 \cdot (x-2020))$	0.428	0.746	0.577	0.0971	0.075
Linear	intercept=-187, slope=0.0932	0.0932	0.681	0.468	0.109	0.0807



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

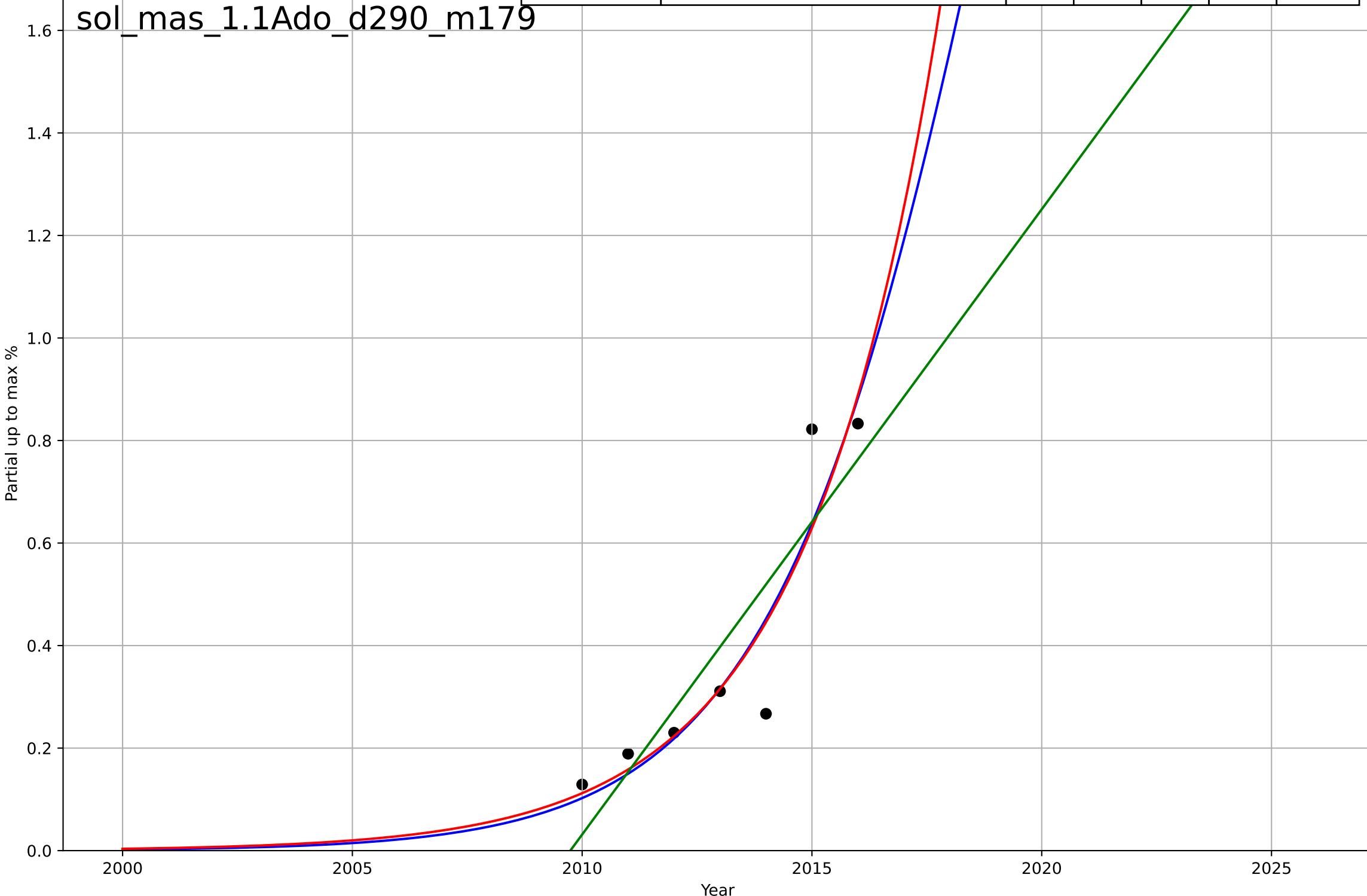
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2039$ , $Dt=9.09$ , $K=9.62e+04$	0.483	0.844	0.611	0.0898	0.0718
Exponential	$5.74 \cdot \exp(0.483 \cdot (x-2019))$	0.483	0.844	0.741	0.0898	0.0718
Linear	intercept=-227, slope=0.113	0.113	0.717	0.529	0.121	0.0869

sol\_mas\_1.1Ado\_d289\_m179



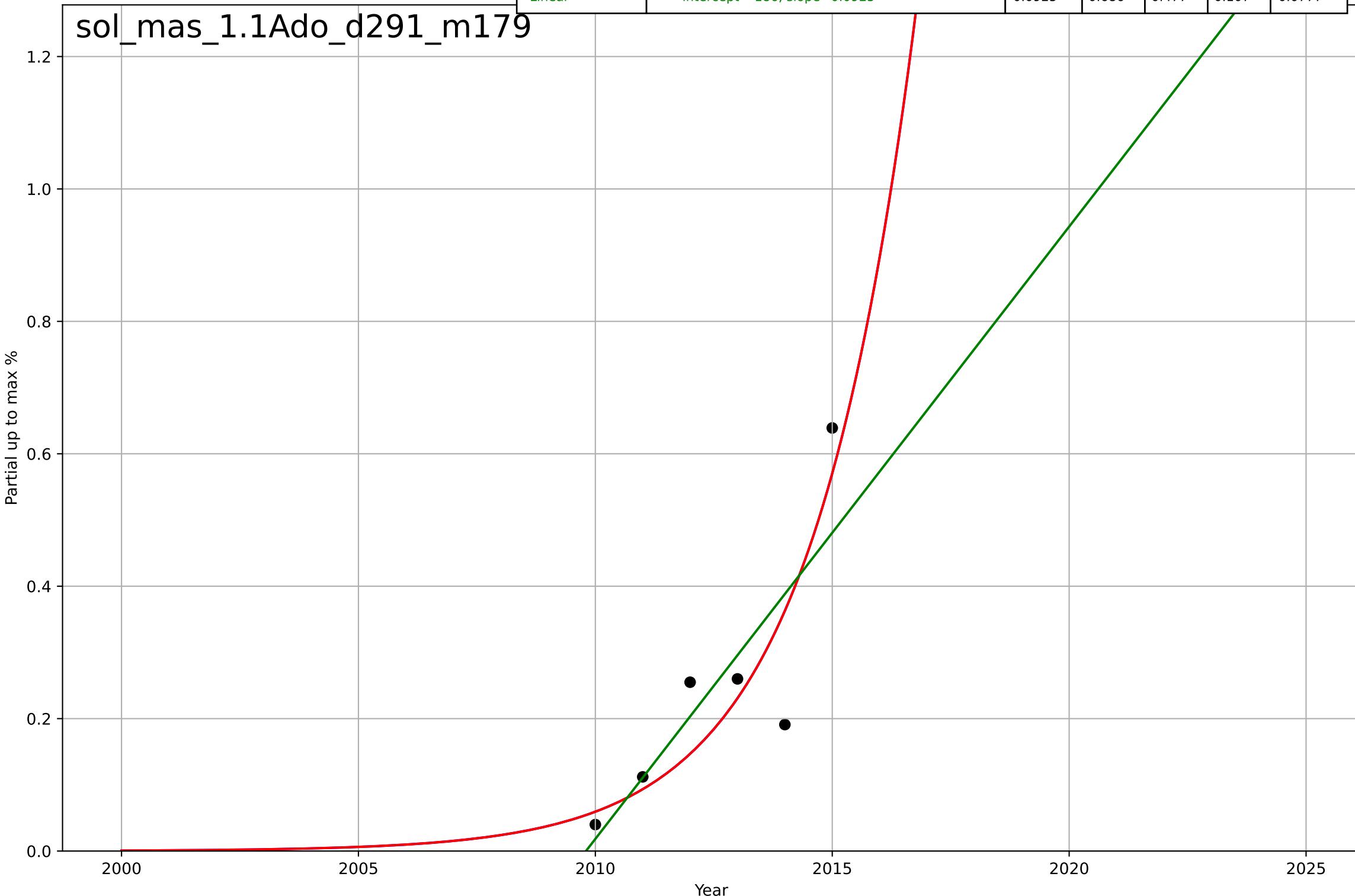
solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=11.2, K=4.38	0.392	0.864	0.728	0.102	0.0715
Exponential	6*exp(0.345*(x-2022))	0.345	0.863	0.795	0.102	0.0693
Linear	intercept=-245, slope=0.122	0.122	0.774	0.661	0.132	0.11



solar leasing  
 Massachusetts  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2040, D_t=9.71, K=5.85e+04$	0.452	0.782	0.455	0.089	0.0693
Exponential	$5.63 \cdot \exp(0.452 \cdot (x-2020))$	0.452	0.782	0.637	0.089	0.0693
Linear	intercept=-186, slope=0.0925	0.0925	0.686	0.477	0.107	0.0777



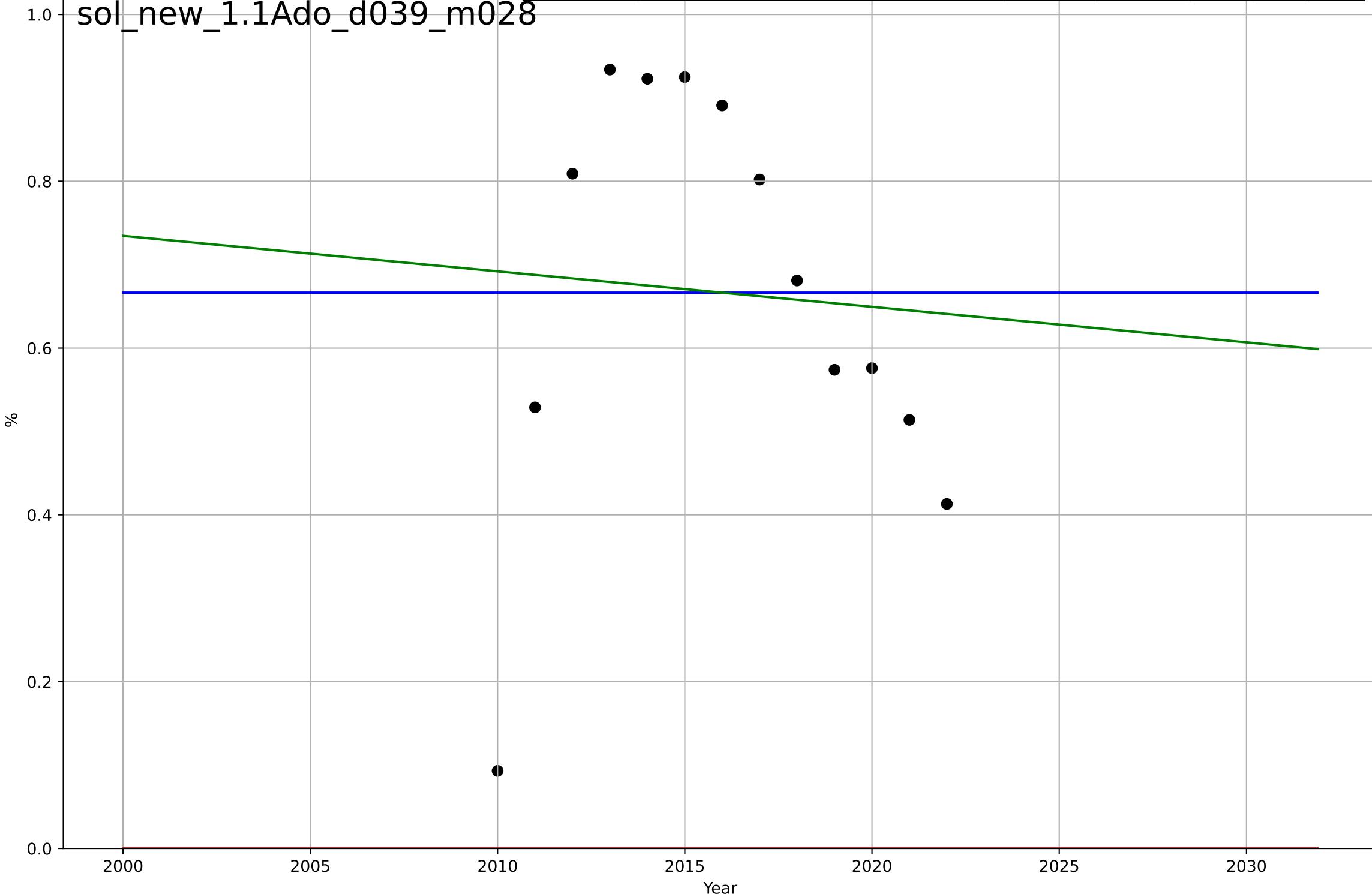
solar leasing  
New Jersey  
1.1 Adoption over Time

% third party owned systems (100k – 150k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=285, Dt=249, K=0.666	0.0177	-2.89e-15	-0.333	0.239	0.2
Exponential	1.56e+03*exp(0.000522*(x-157433))	0.000522	-7.75	-9.49	0.708	0.666
Linear	intercept=9.24, slope=-0.00425	-0.00425	0.00442	-0.195	0.239	0.195

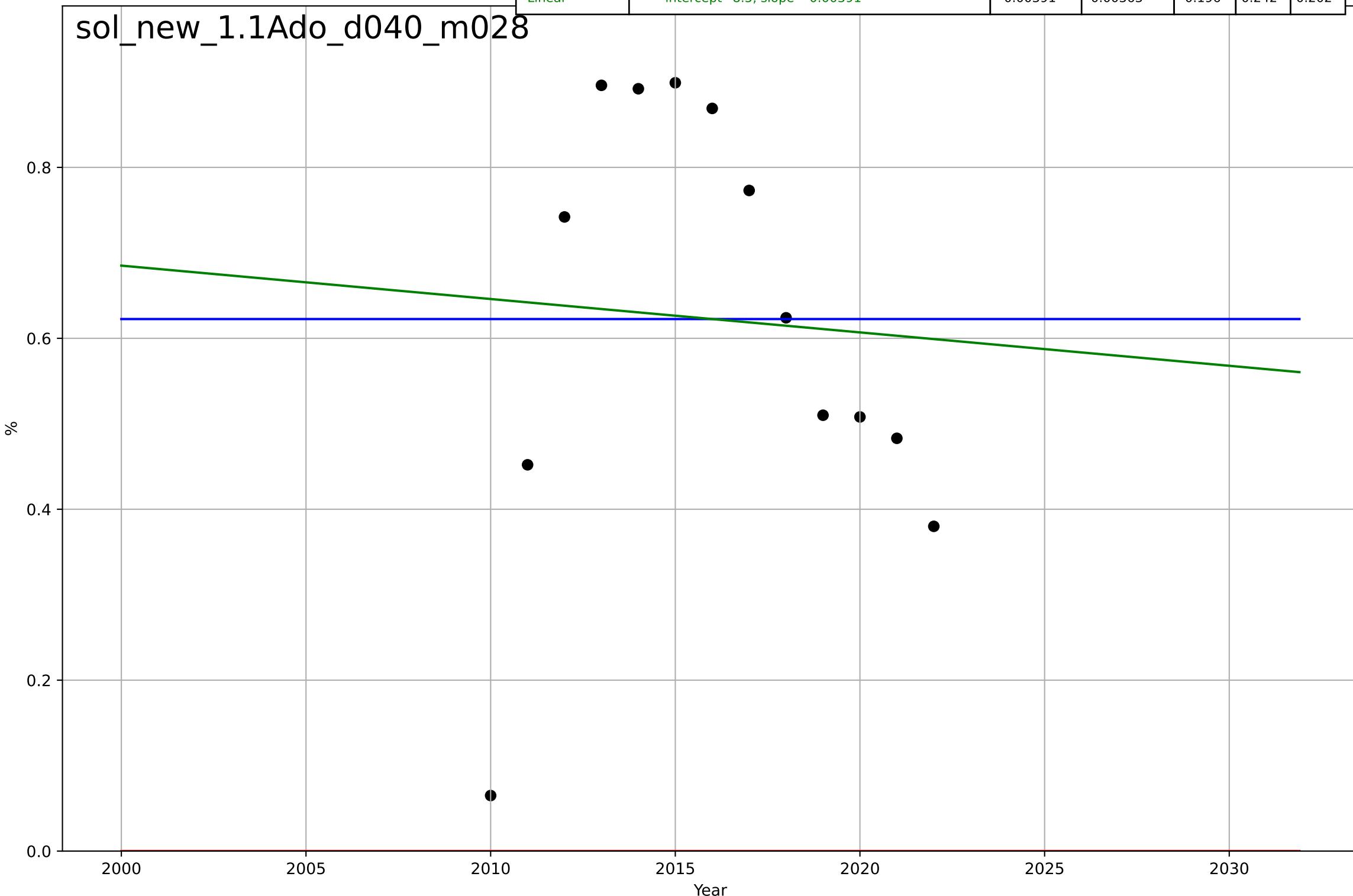
sol\_new\_1.1Ado\_d039\_m028



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 % third party owned systems (150k – 200k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=459, Dt=425, K=0.623	0.0103	-9.16e-10	-0.333	0.243	0.206
Exponential	1.56e+03*exp(0.000559*(x-157437))	0.000559	-6.58	-8.1	0.668	0.623
Linear	intercept=8.5, slope=-0.00391	-0.00391	0.00363	-0.196	0.242	0.202

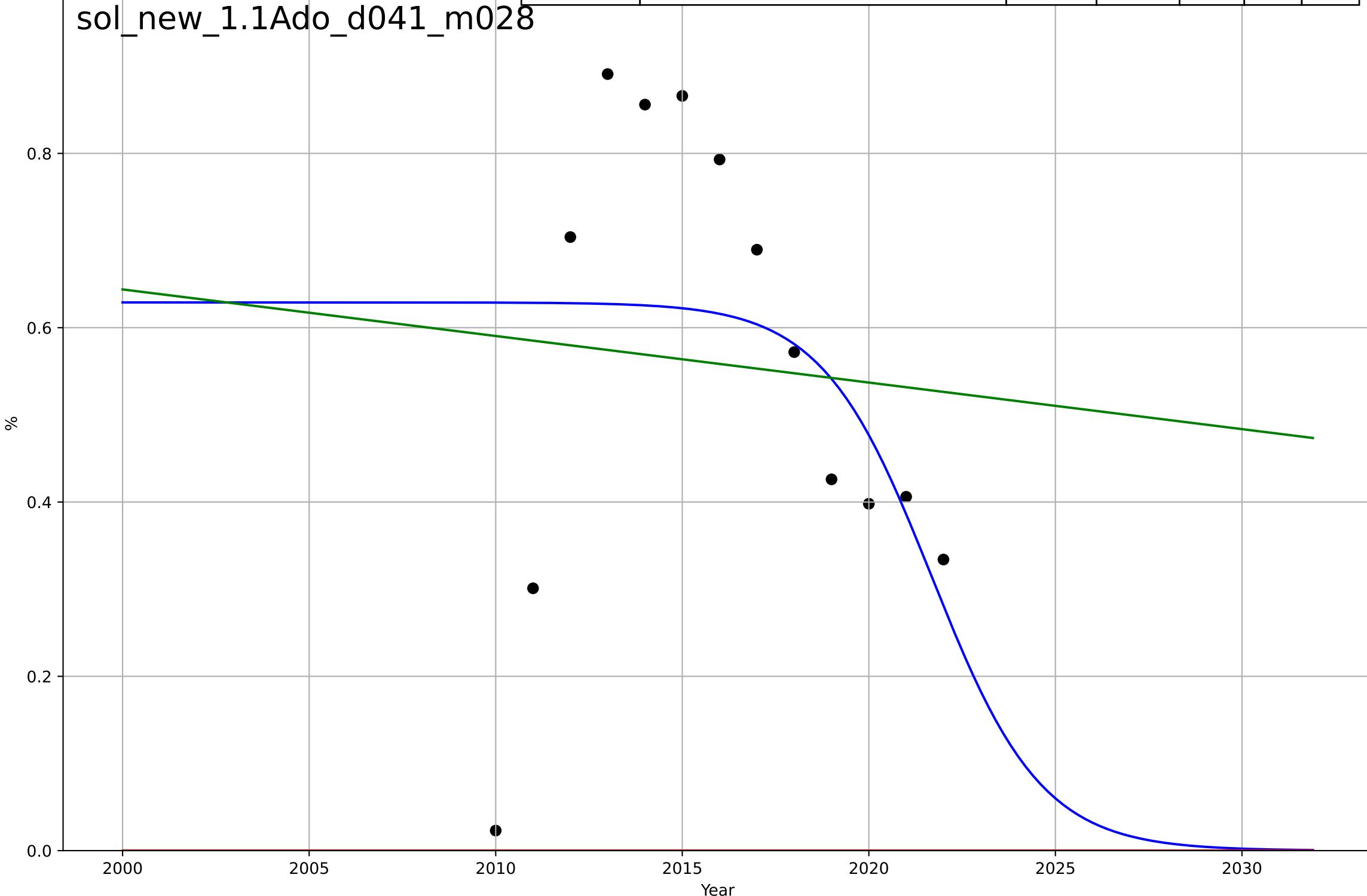
sol\_new\_1.1Ado\_d040\_m028



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 % third party owned systems (200k – 250k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=-6.48, K=0.629	-0.678	0.156	-0.125	0.236	0.176
Exponential	1.56e+03*exp(0.00043*(x-157435))	0.00043	-4.73	-5.88	0.615	0.558
Linear	intercept=11.3, slope=-0.00534	-0.00534	0.00606	-0.193	0.256	0.219

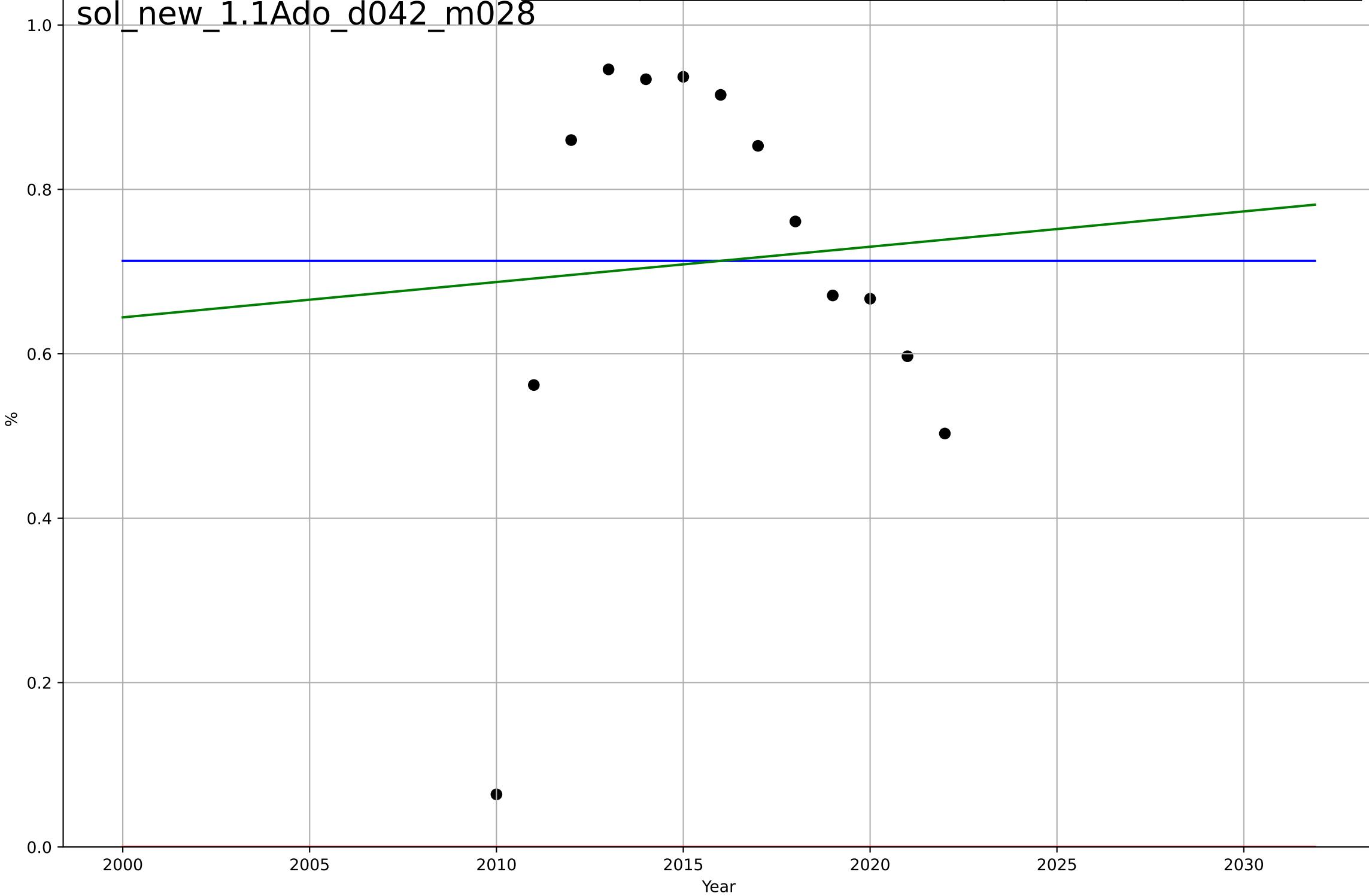
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solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 % third party owned systems (50k – 100k)  
 %

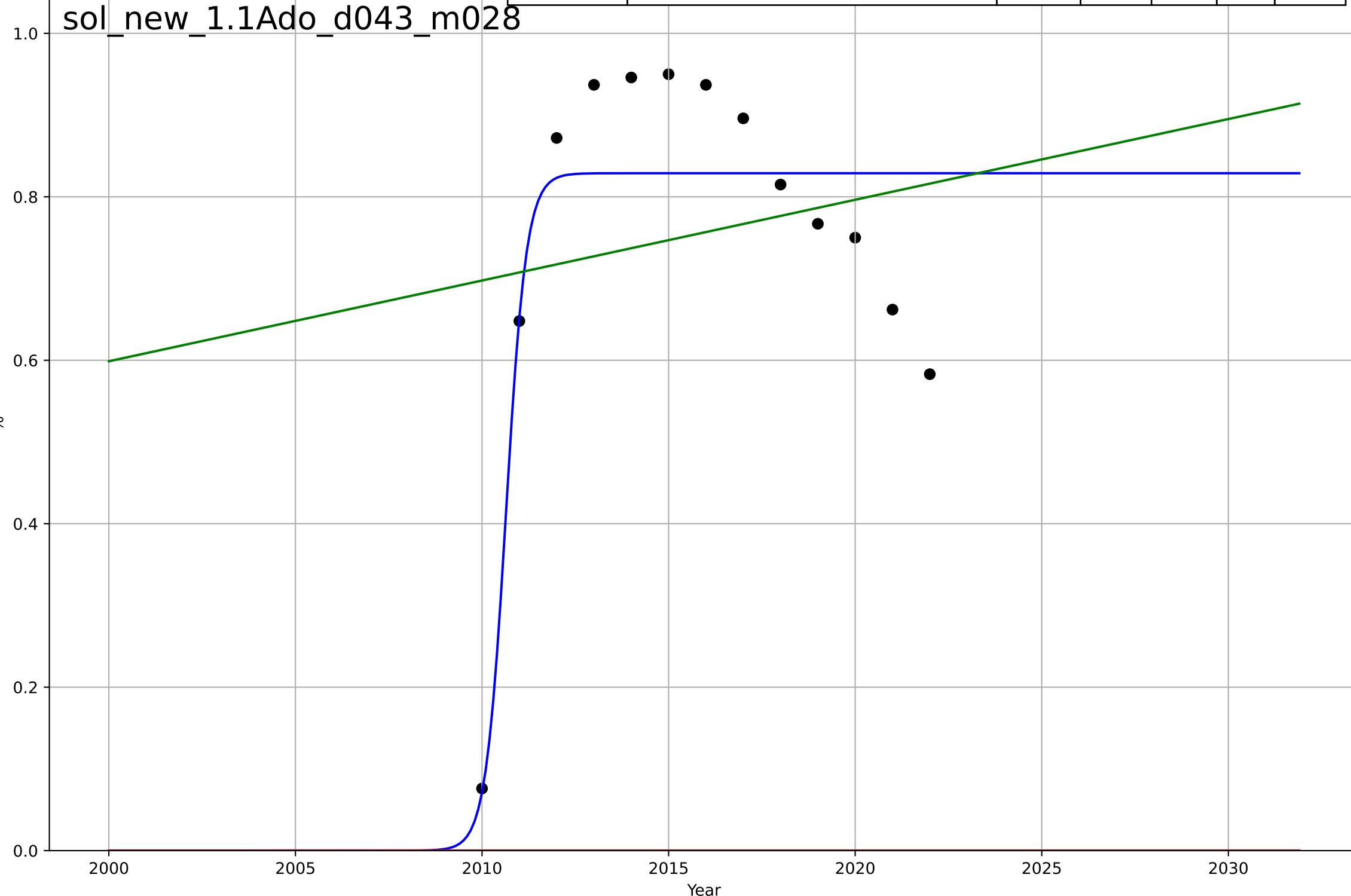
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=3694, Dt=-259, K=0.713	-0.017	-2.93e-14	-0.333	0.239	0.187
Exponential	1.56e+03*exp(0.00132*(x-157457))	0.00132	-8.9	-10.9	0.752	0.713
Linear	intercept=-7.95, slope=0.0043	0.0043	0.00452	-0.195	0.239	0.191

sol\_new\_1.1Ado\_d042\_m028



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 % third party owned systems (<\$50k)  
 %

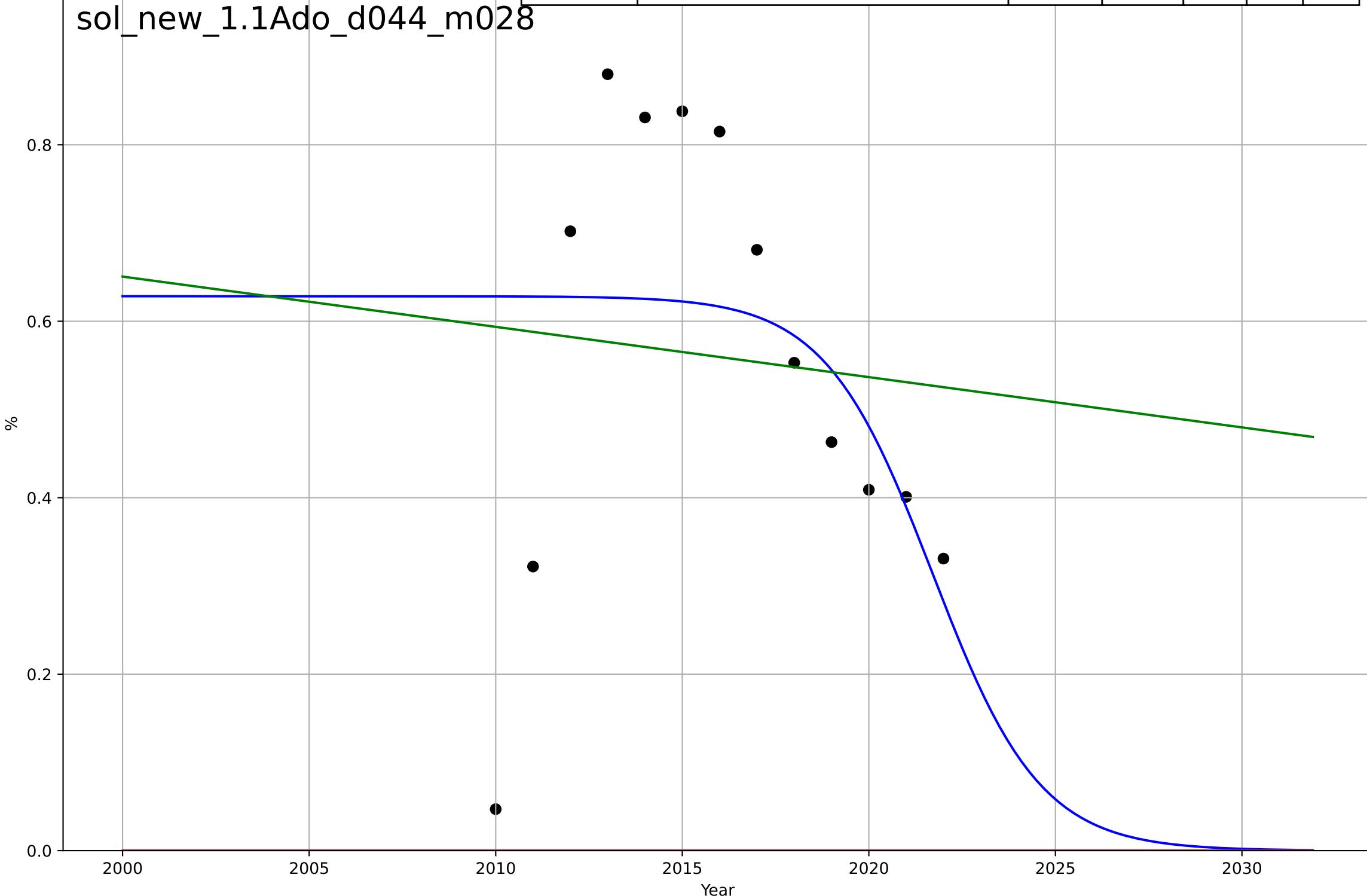
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=1.2, K=0.829	3.67	0.772	0.696	0.11	0.0882
Exponential	1.56e+03*exp(0.00184*(x-157472))	0.00184	-10.8	-13.2	0.791	0.757
Linear	intercept=-19.2, slope=0.00988	0.00988	0.0258	-0.169	0.227	0.173



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 % third party owned systems (>\$250k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=-6.34, K=0.628	-0.693	0.169	-0.108	0.224	0.166
Exponential	1.56e+03*exp(0.000397*(x-157434))	0.000397	-5.2	-6.44	0.611	0.559
Linear	intercept=12, slope=-0.0057	-0.0057	0.00755	-0.191	0.244	0.207

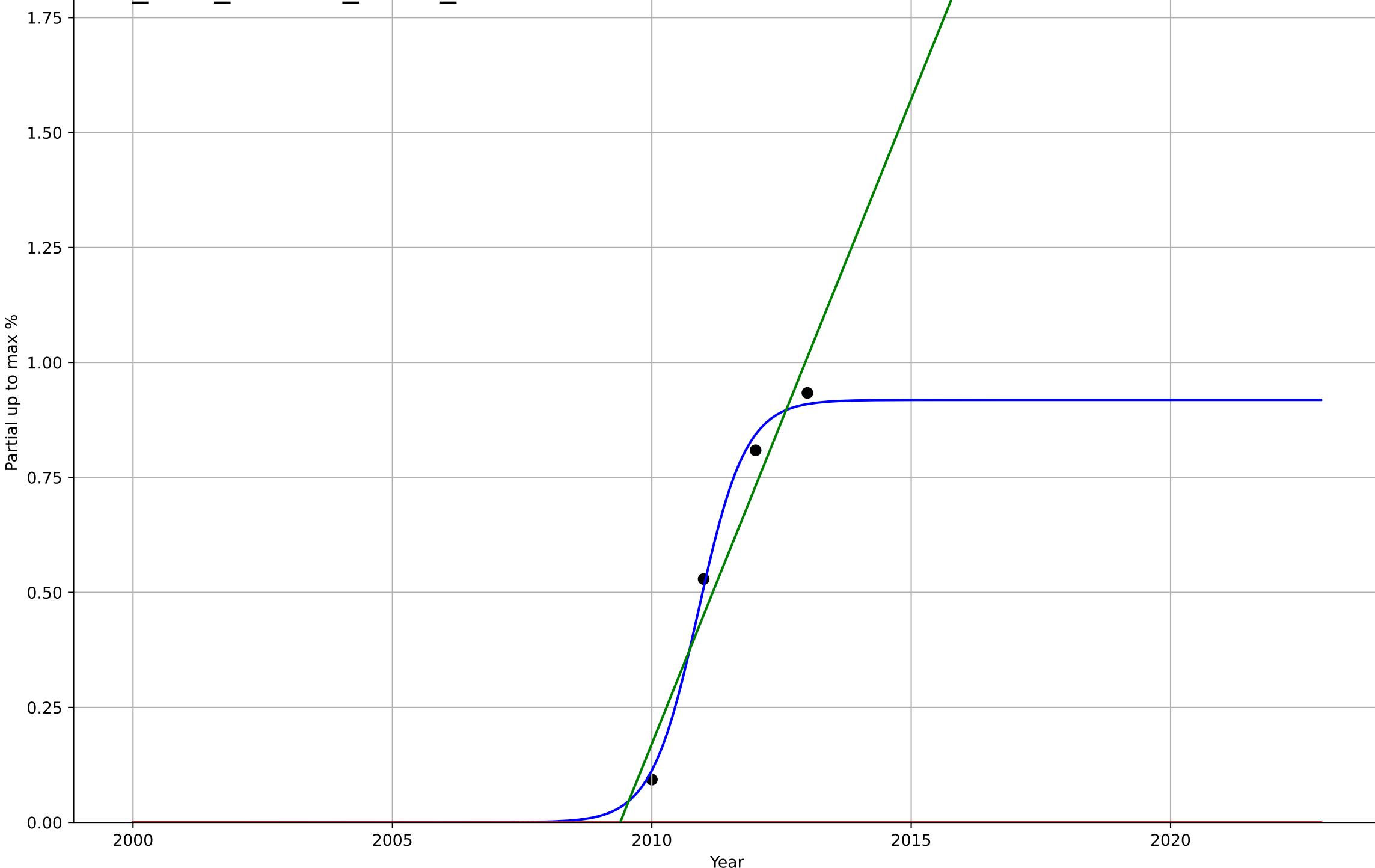
sol\_new\_1.1Ado\_d044\_m028



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2, K=0.919	2.19	0.994	-inf	0.025	0.0242
Exponential	1.55e+03*exp(0.0273*(x-158252))	0.0273	-3.35	-12.1	0.674	0.591
Linear	intercept=-563, slope=0.28	0.28	0.942	0.826	0.0778	0.0778

sol\_new\_1.1Ado\_d286\_m179



solar leasing

New Jersey

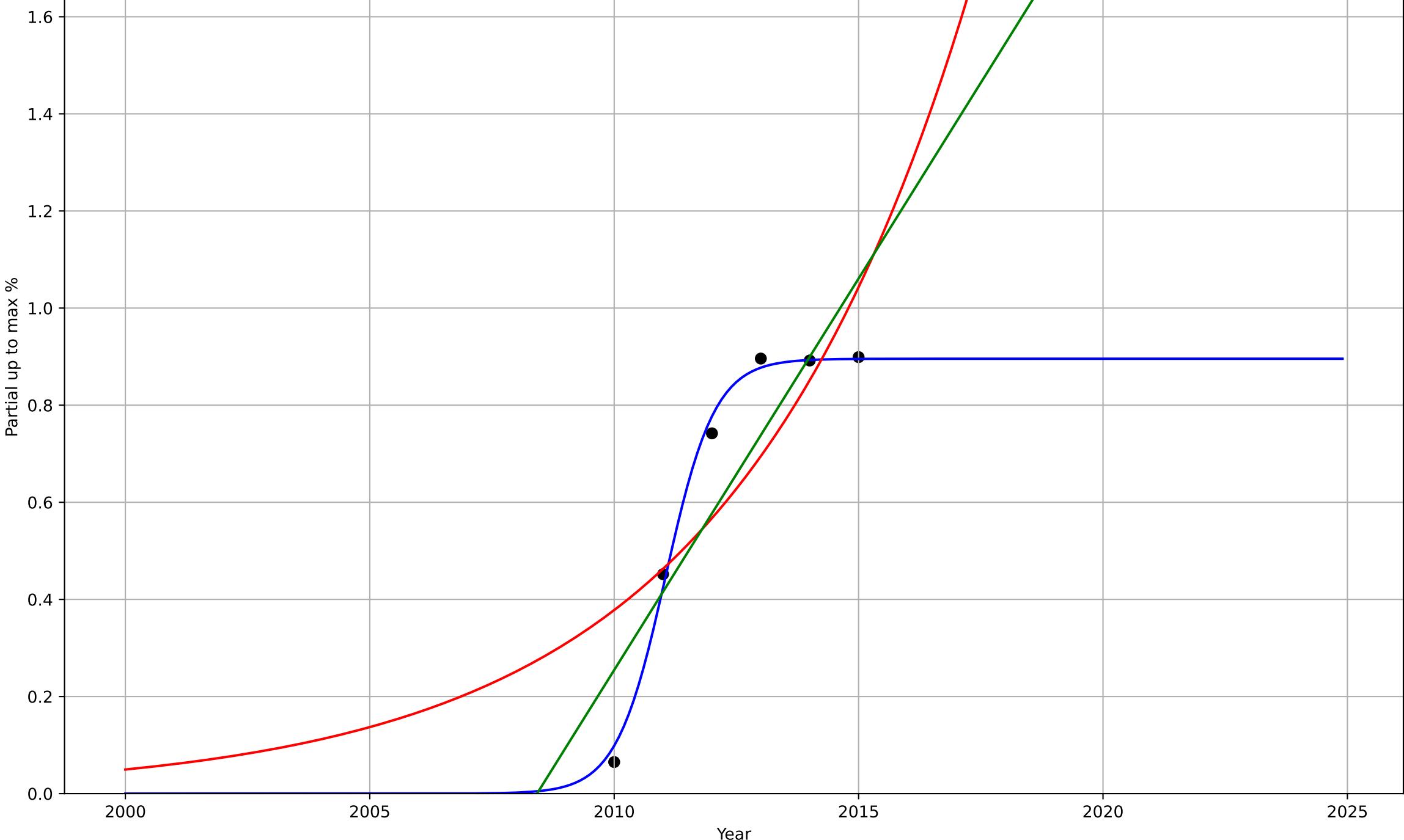
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2.21, K=0.896	1.99	0.994	0.985	0.0241	0.02
Exponential	0.555*exp(0.203*(x-2012))	0.203	0.665	0.441	0.179	0.147
Linear	intercept=-324, slope=0.161	0.161	0.797	0.662	0.139	0.12

sol\_new\_1.1Ado\_d287\_m179



solar leasing

New Jersey

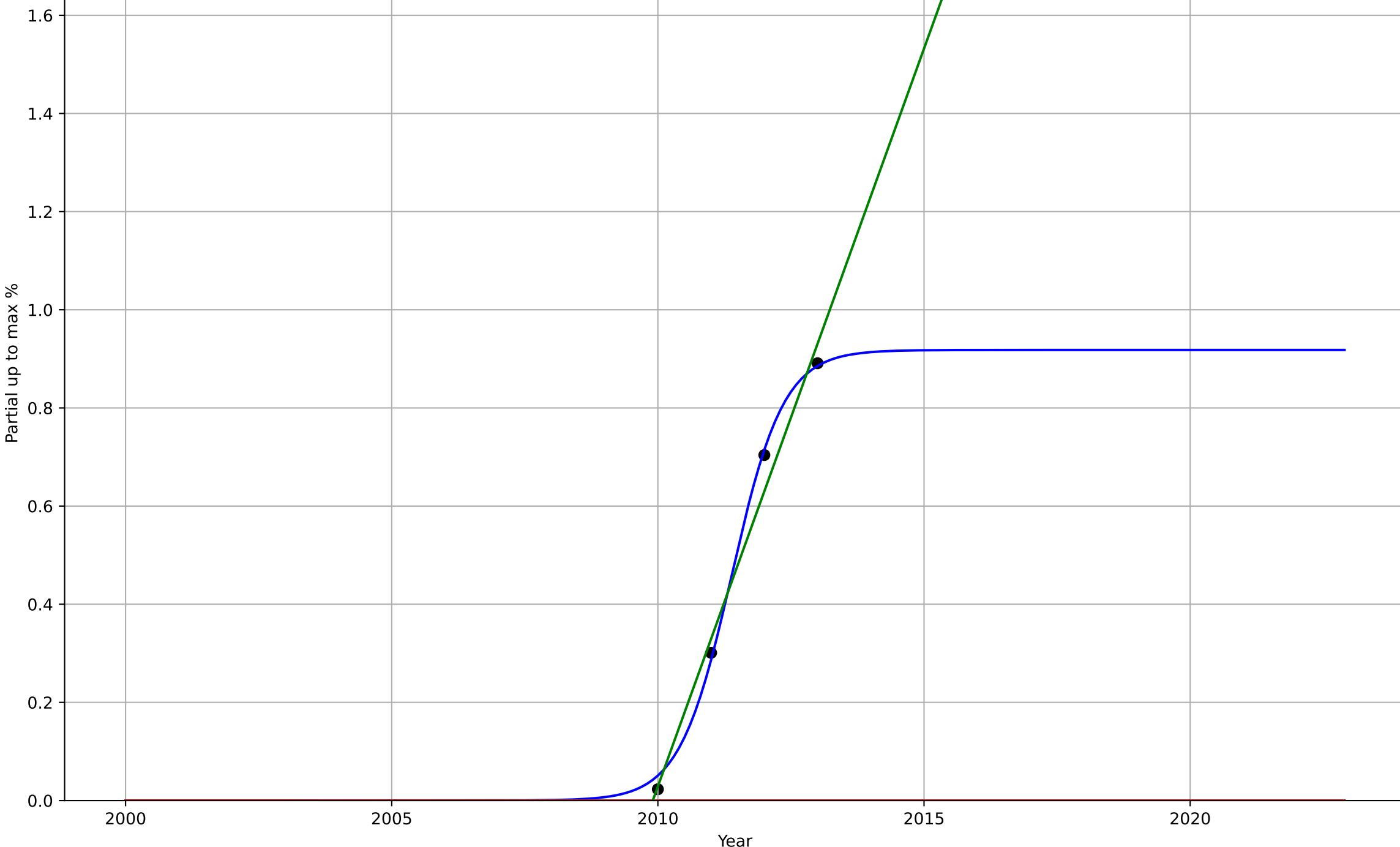
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=2.15, K=0.918$	2.05	0.998	-inf	0.0168	0.0146
Exponential	$-7.99 \cdot \exp(0.0694 \cdot (x-7540))$	0.0694	-2	-8	0.588	0.48
Linear	intercept=-604, slope=0.301	0.301	0.983	0.949	0.0444	0.0369

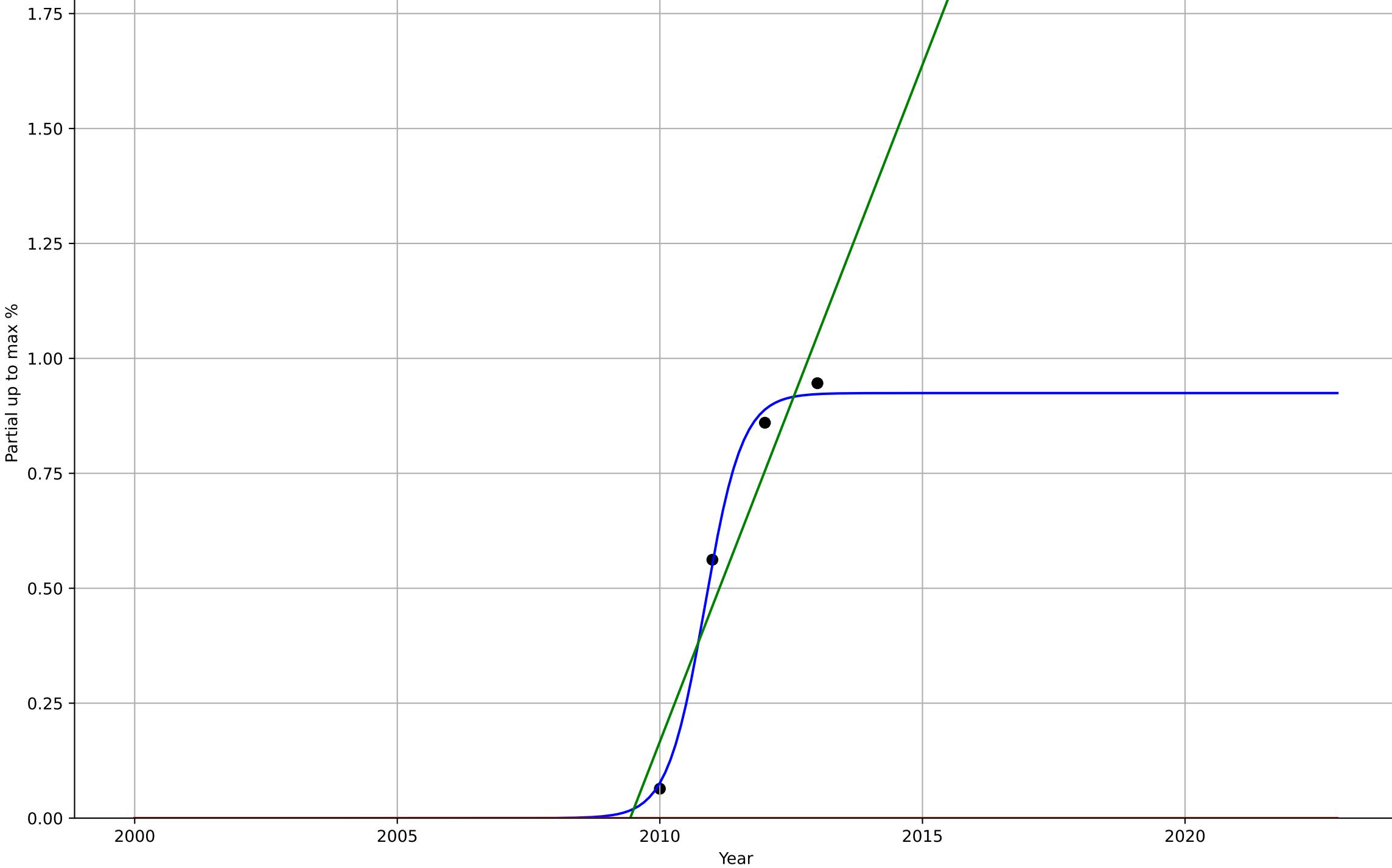
sol\_new\_1.1Ado\_d288\_m179



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=1.57, K=0.925$	2.81	0.997	-inf	0.02	0.0183
Exponential	$1.55e+03 \cdot \exp(0.0286 \cdot (x-158291))$	0.0286	-3.11	-11.3	0.699	0.608
Linear	intercept=-592, slope=0.294	0.294	0.911	0.732	0.103	0.103

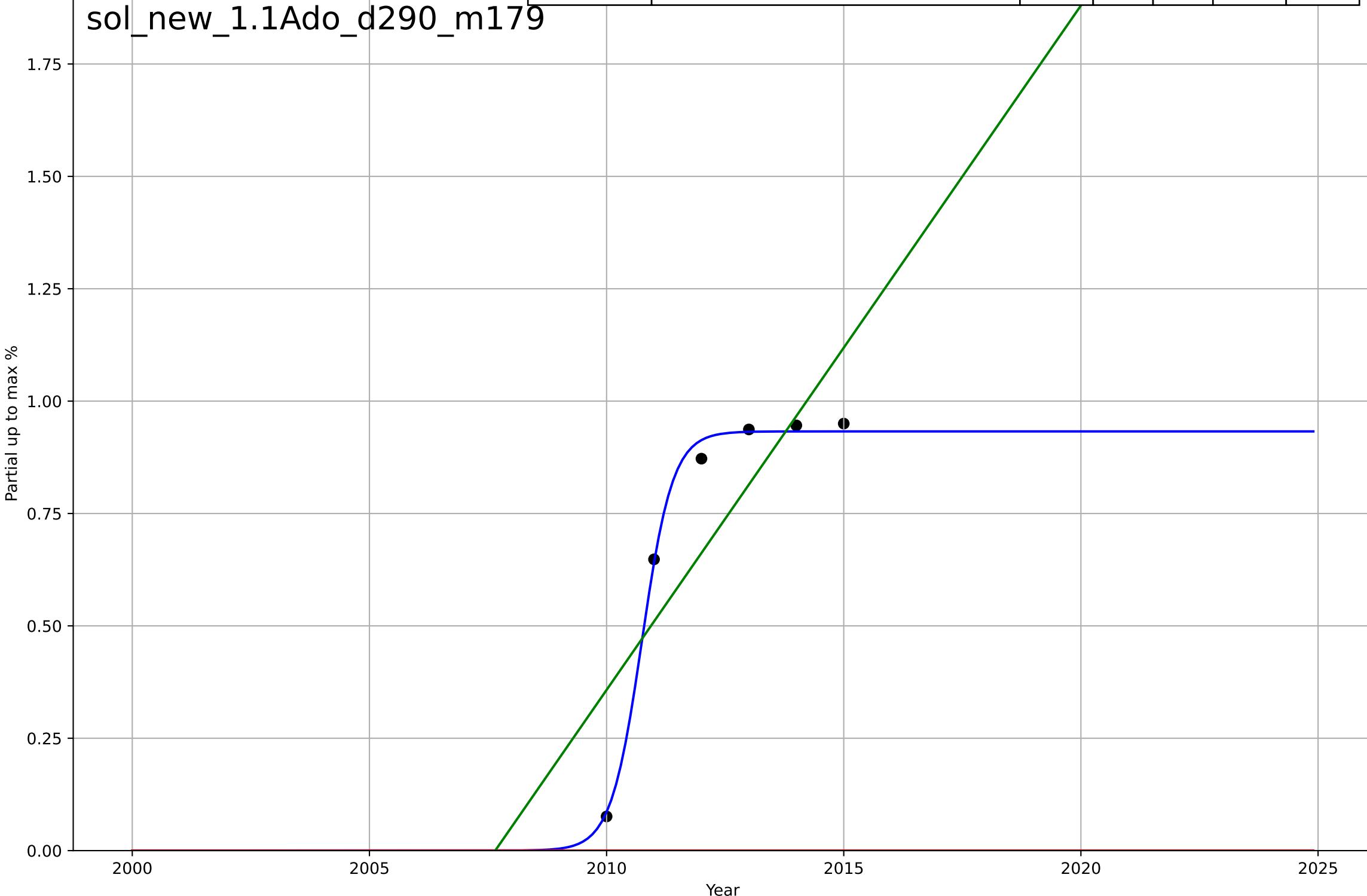
sol\_new\_1.1Ado\_d289\_m179



solar leasing  
 New Jersey  
 1.1 Adoption over Time  
 Partial up to max % third party owned systems  
 Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=1.43, K=0.933	3.07	0.996	0.99	0.0199	0.0158
Exponential	1.55e+03*exp(0.0152*(x-157882))	0.0152	-5.52	-9.87	0.802	0.738
Linear	intercept=-306, slope=0.152	0.152	0.685	0.475	0.176	0.157

sol\_new\_1.1Ado\_d290\_m179



solar leasing

New Jersey

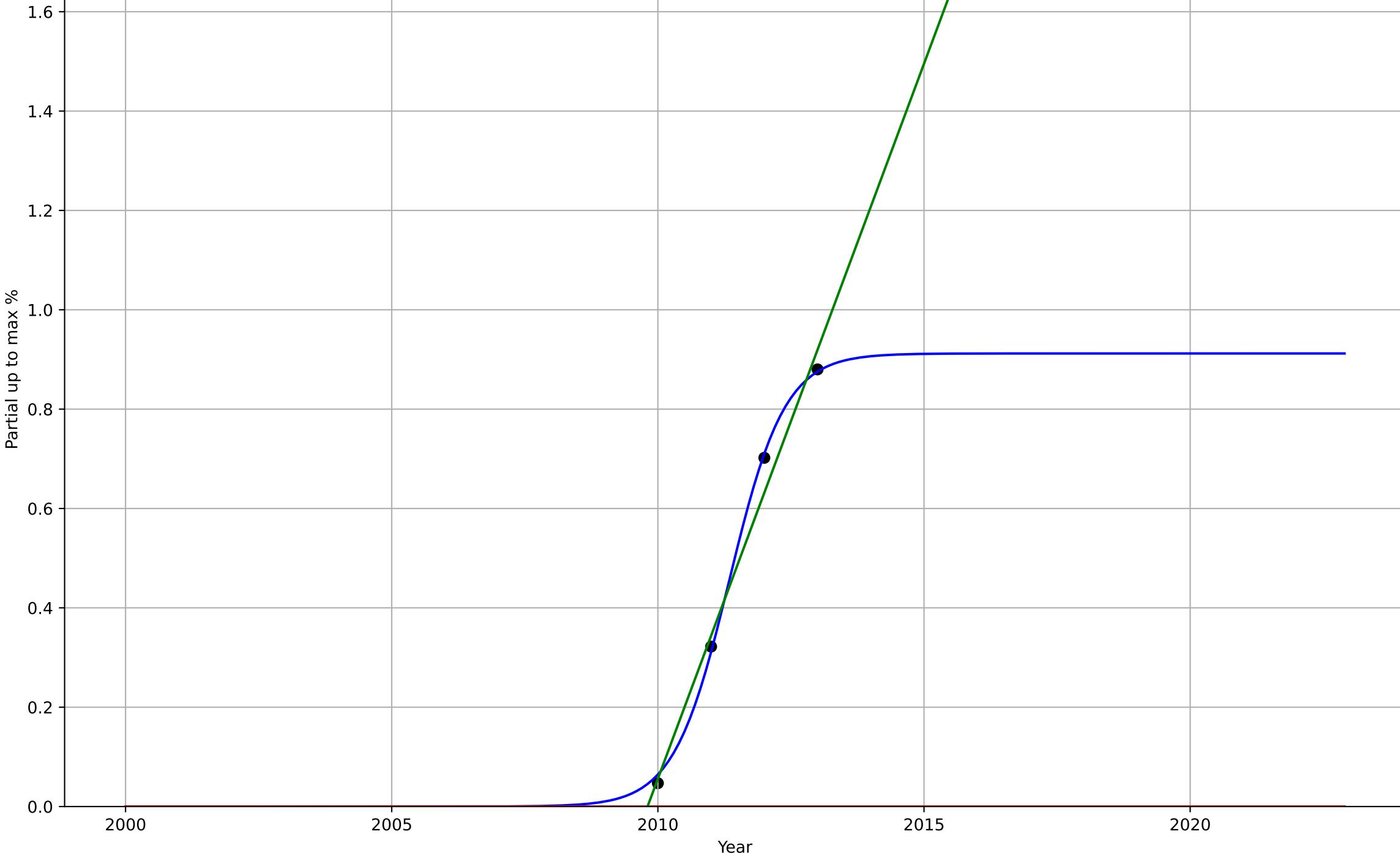
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2011, D_t=2.29, K=0.912$	1.92	0.999	-inf	0.0113	0.0103
Exponential	$-6.87 \cdot \exp(0.0601 \cdot (x-7531))$	0.0601	-2.26	-8.77	0.586	0.488
Linear	intercept=-579, slope=0.288	0.288	0.983	0.95	0.042	0.0351

sol\_new\_1.1Ado\_d291\_m179



solar leasing

US

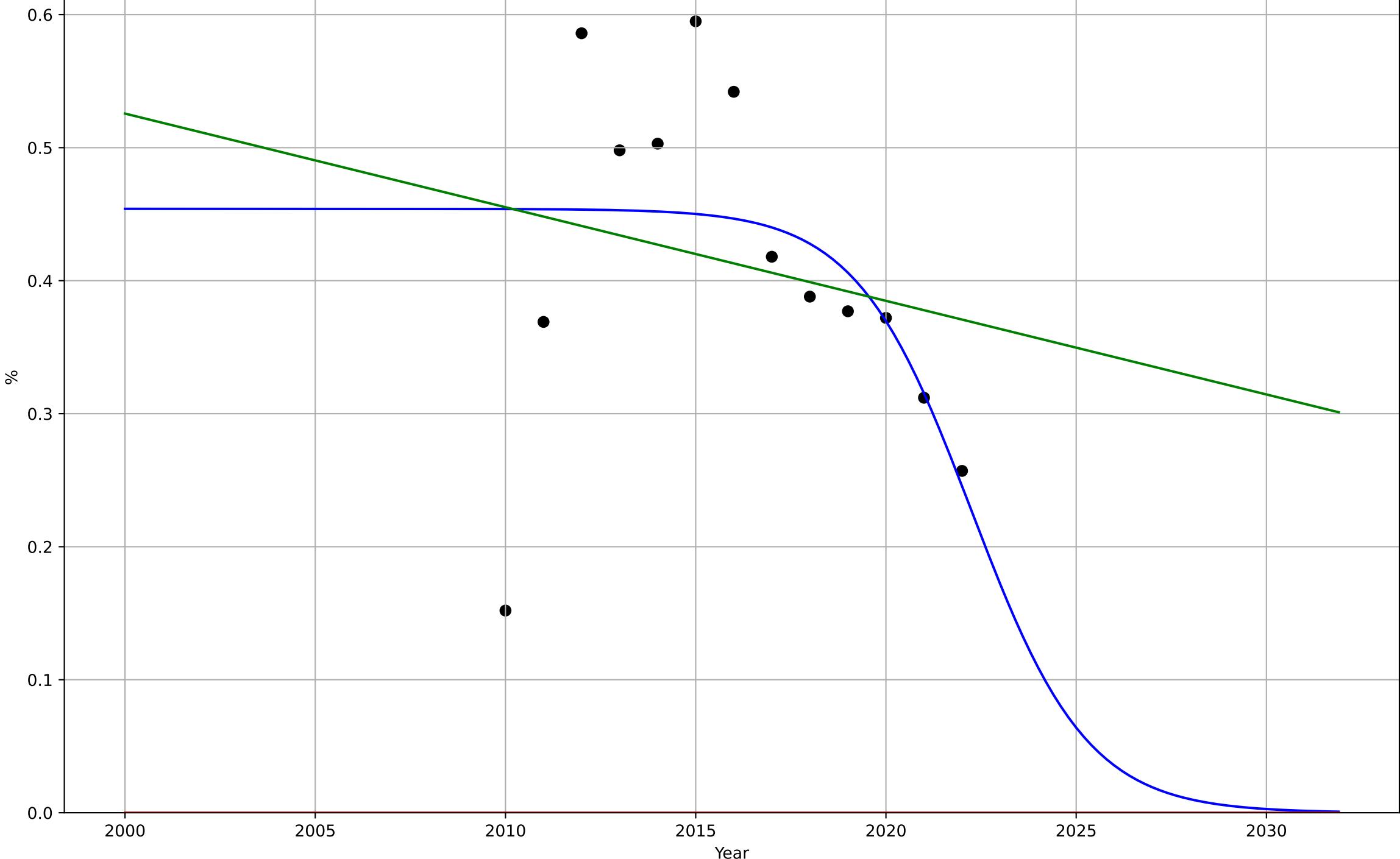
1.1 Adoption over Time

% third party owned systems (100k – 150k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2022, Dt=-6.69, K=0.454	-0.657	0.244	-0.00779	0.109	0.0741
Exponential	1.56e+03*exp(0.000294*(x-157438))	0.000294	-10.9	-13.3	0.432	0.413
Linear	intercept=14.6, slope=-0.00704	-0.00704	0.0444	-0.147	0.122	0.0924

sol\_usa\_1.1Ado\_d039\_m028



solar leasing

US

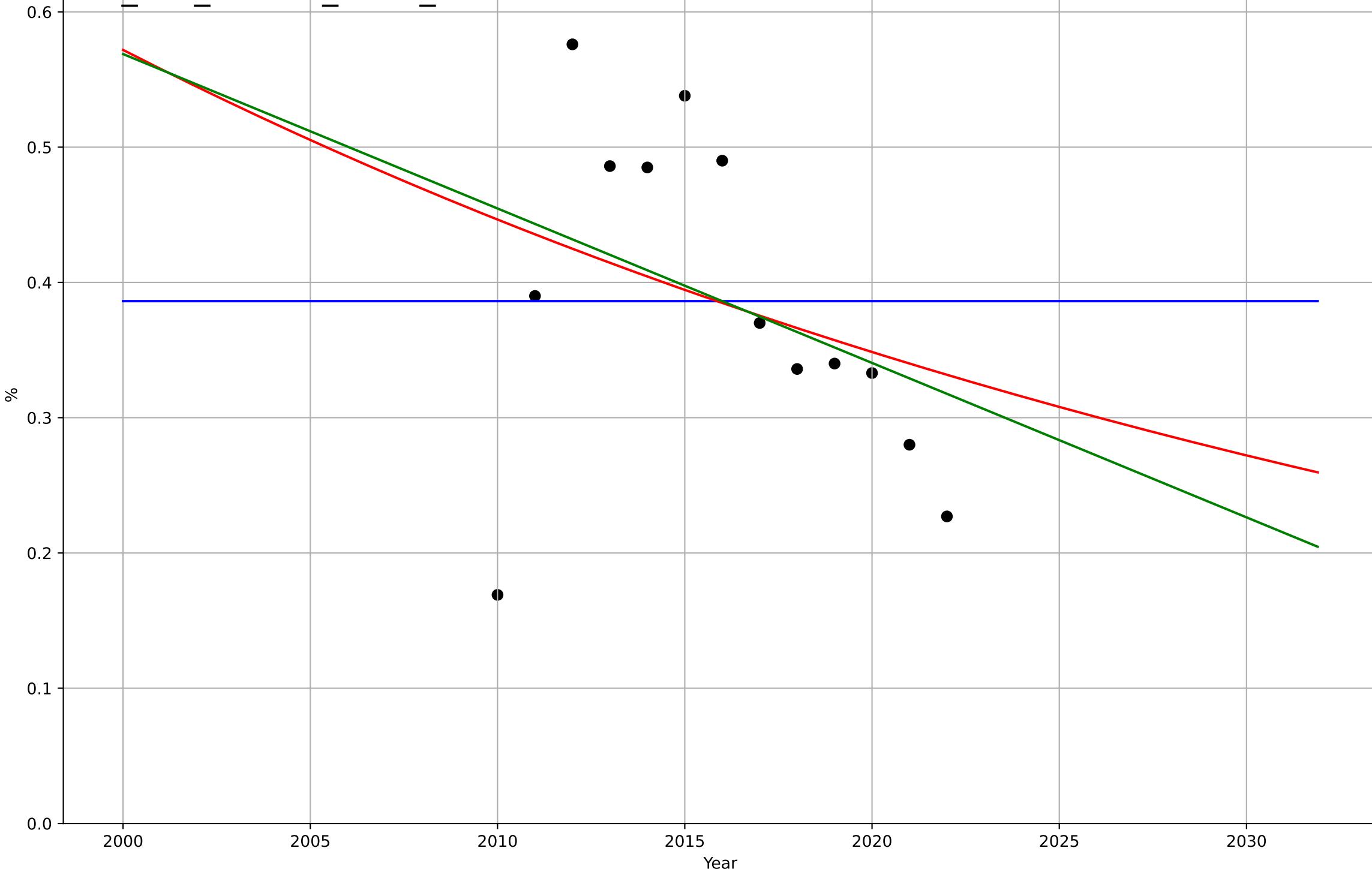
1.1 Adoption over Time

% third party owned systems (150k – 200k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1636$ , $Dt=59.3$ , $K=0.386$	0.0741	-3.41e-13	-0.333	0.118	0.0997
Exponential	$3.81 \cdot \exp(-0.0248 \cdot (x-1923))$	-0.0248	0.11	-0.0681	0.111	0.0852
Linear	intercept=23.4, slope=-0.0114	-0.0114	0.131	-0.0428	0.11	0.0815

sol\_usa\_1.1Ado\_d040\_m028



solar leasing

US

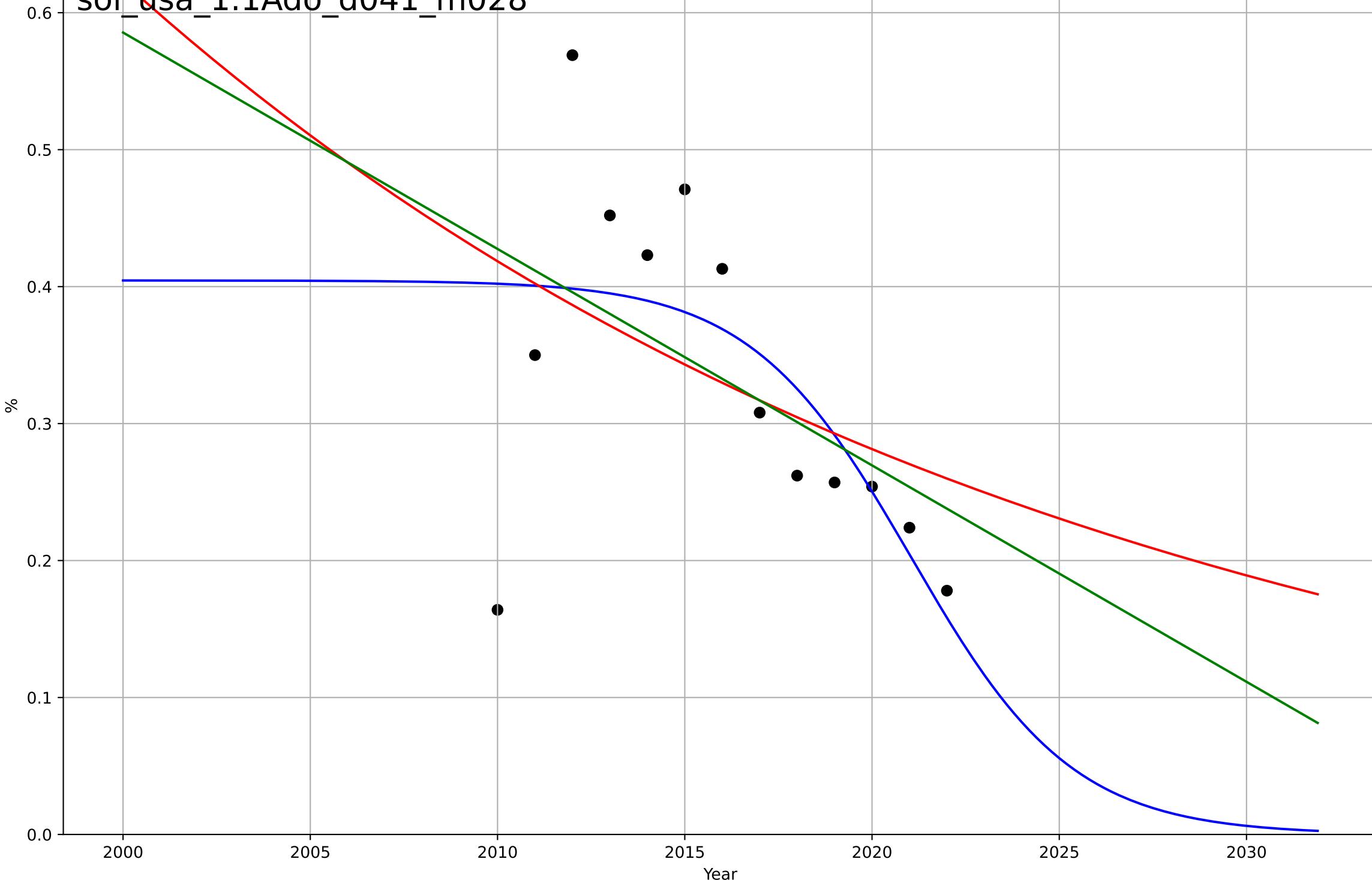
1.1 Adoption over Time

% third party owned systems (200k – 250k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2021, Dt=-9.47, K=0.405	-0.464	0.405	0.207	0.0922	0.0667
Exponential	1.67*exp(-0.0397*(x-1975))	-0.0397	0.205	0.0465	0.107	0.0838
Linear	intercept=32.2, slope=-0.0158	-0.0158	0.245	0.0935	0.104	0.0779

sol\_usa\_1.1Ado\_d041\_m028



solar leasing

US

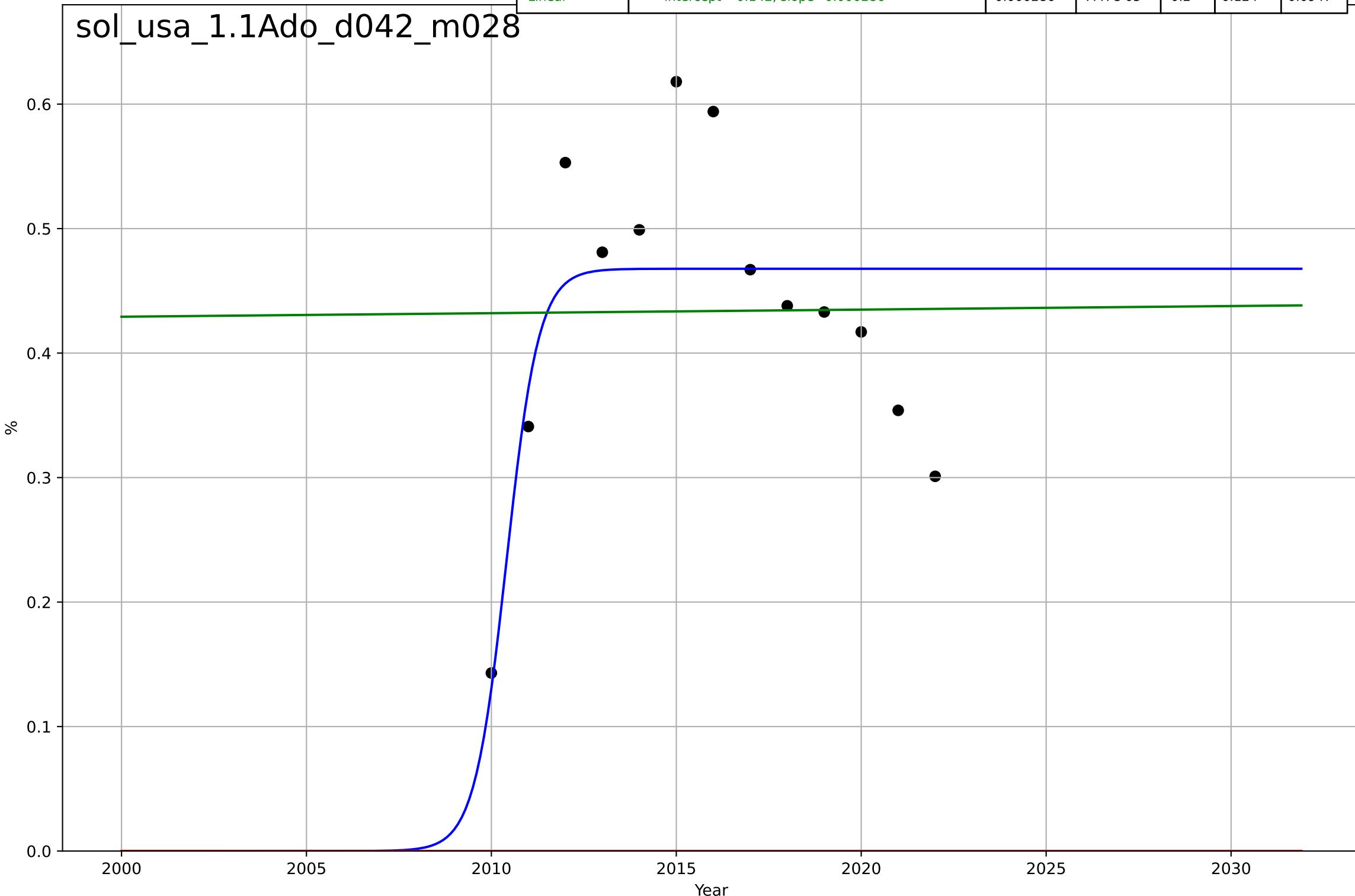
## 1.1 Adoption over Time

% third party owned systems (50k – 100k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=1.91, K=0.468	2.3	0.519	0.359	0.0858	0.0661
Exponential	1.56e+03*exp(0.000977*(x-157459))	0.000977	-12.3	-15	0.451	0.434
Linear	intercept=-0.142, slope=0.000286	0.000286	7.47e-05	-0.2	0.124	0.0947

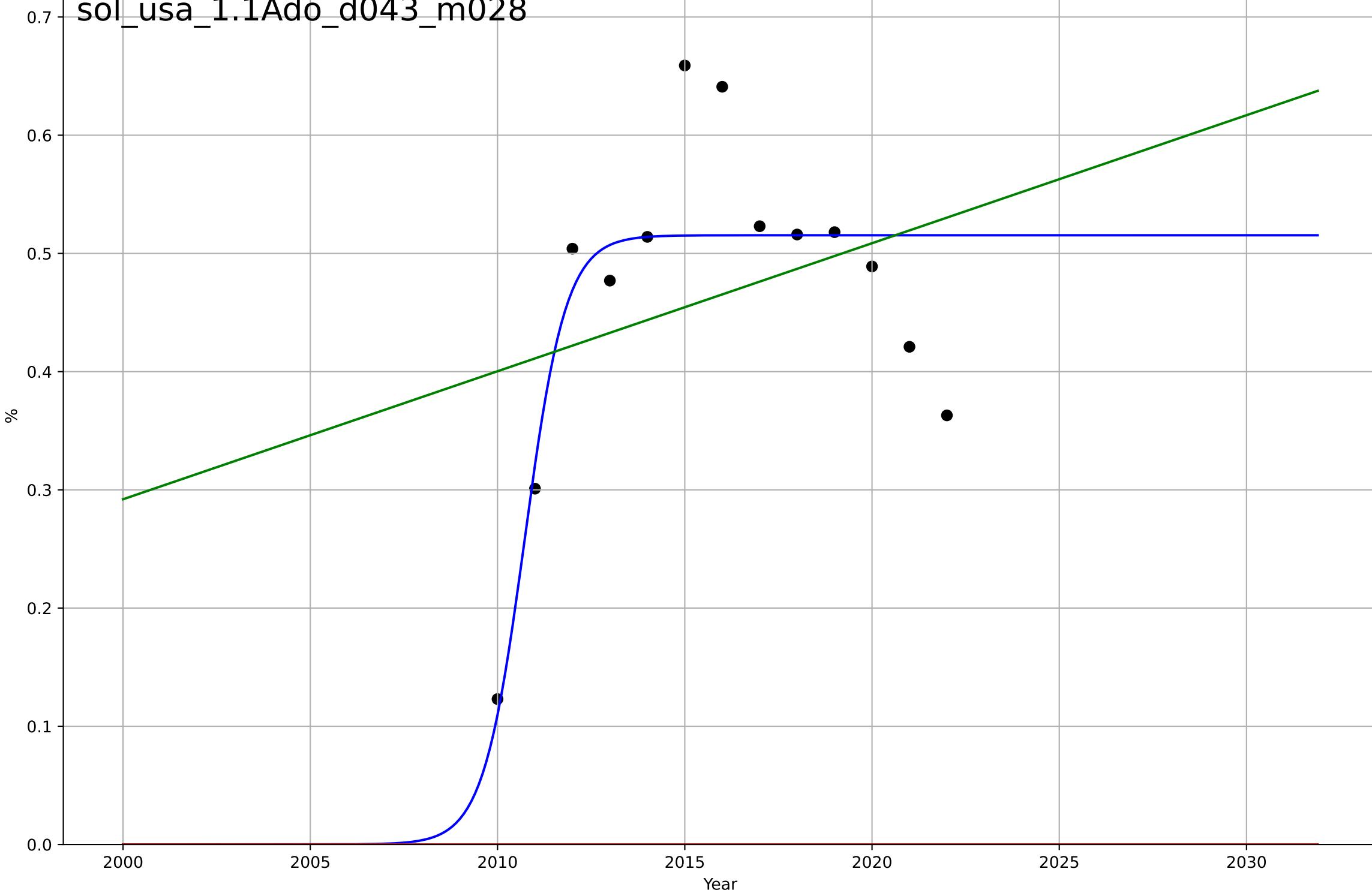
sol\_usa\_1.1Ado\_d042\_m028



solar leasing  
 US  
 1.1 Adoption over Time  
 % third party owned systems (<\$50k)  
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2.43, K=0.515	1.81	0.697	0.597	0.0745	0.0502
Exponential	1.56e+03*exp(0.00196*(x-157490))	0.00196	-11.8	-14.4	0.485	0.465
Linear	intercept=-21.4, slope=0.0108	0.0108	0.0896	-0.0925	0.129	0.104

sol\_usa\_1.1Ado\_d043\_m028



solar leasing

US

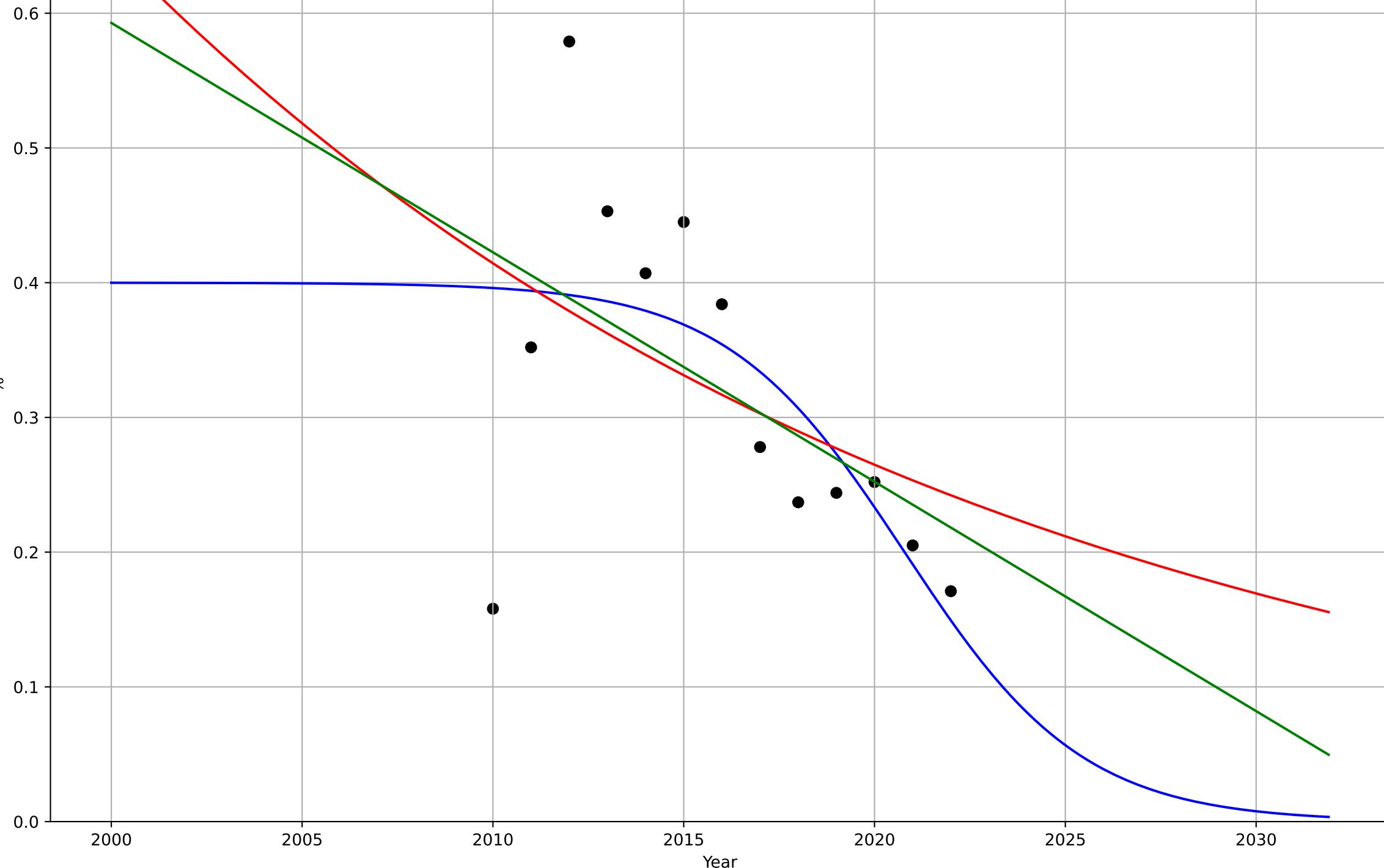
1.1 Adoption over Time

% third party owned systems (>\$250k)

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=-10.3, K=0.4$	-0.427	0.404	0.205	0.0943	0.0675
Exponential	$0.469 \cdot \exp(-0.0448 \cdot (x-2007))$	-0.0448	0.231	0.0767	0.107	0.0828
Linear	intercept=34.6, slope=-0.017	-0.017	0.272	0.127	0.104	0.0763

sol\_usa\_1.1Ado\_d044\_m028



solar leasing

US

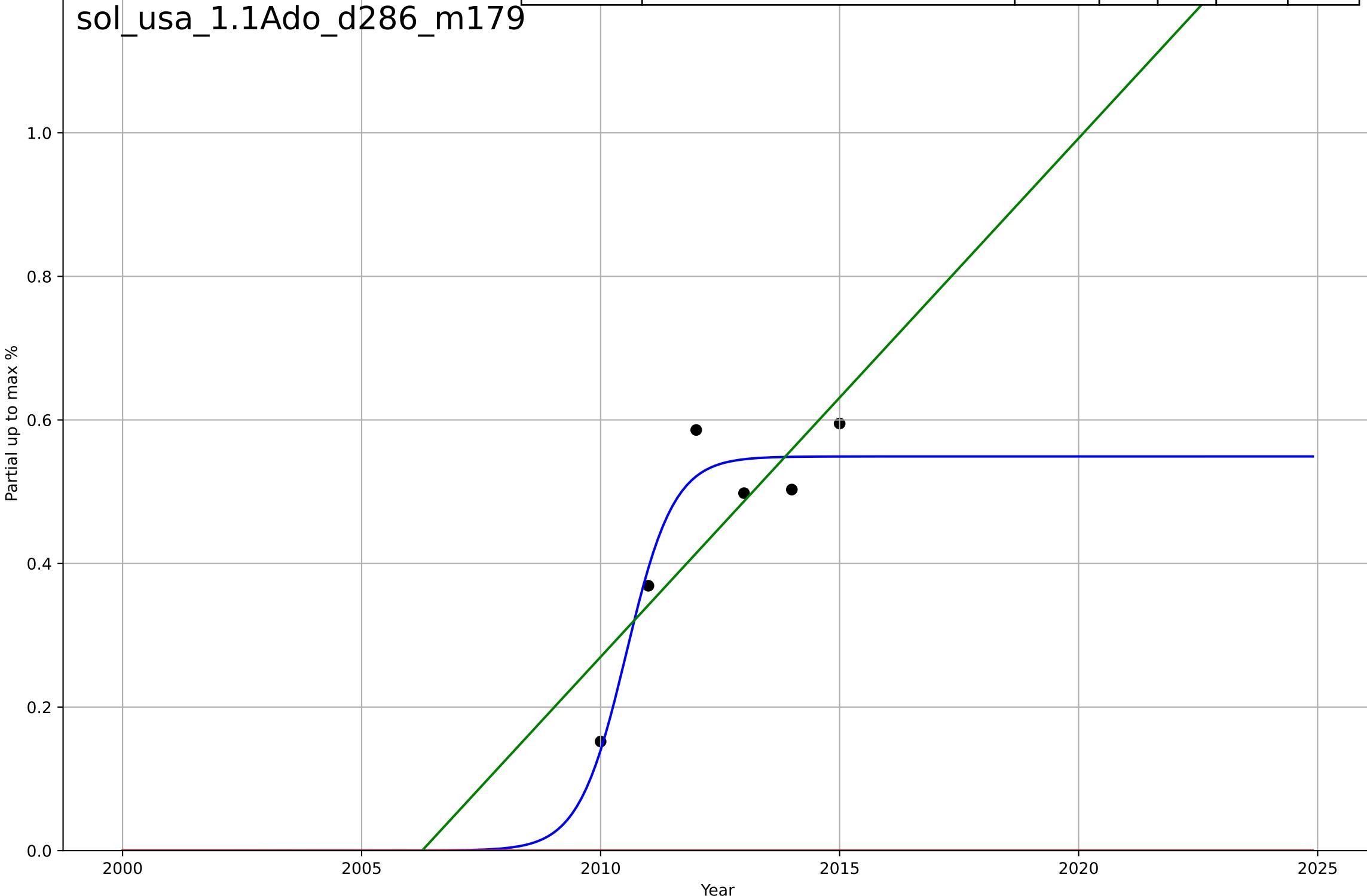
1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2.19, K=0.549	2	0.919	0.797	0.0435	0.0401
Exponential	1.55e+03*exp(0.00774*(x-157662))	0.00774	-8.7	-15.2	0.476	0.451
Linear	intercept=-145, slope=0.0723	0.0723	0.653	0.421	0.09	0.07

sol\_usa\_1.1Ado\_d286\_m179



solar leasing

US

1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=3.14, K=0.683	1.4	1	1	1.18e-11	1.13e-11
Exponential	1.55e+03*exp(0.0201*(x-158035))	0.0201	-5.17	-inf	0.413	0.378
Linear	intercept=-409, slope=0.203	0.203	0.998	-inf	0.00825	0.00778

sol\_usa\_1.1Ado\_d287\_m179

Partial up to max %

2000

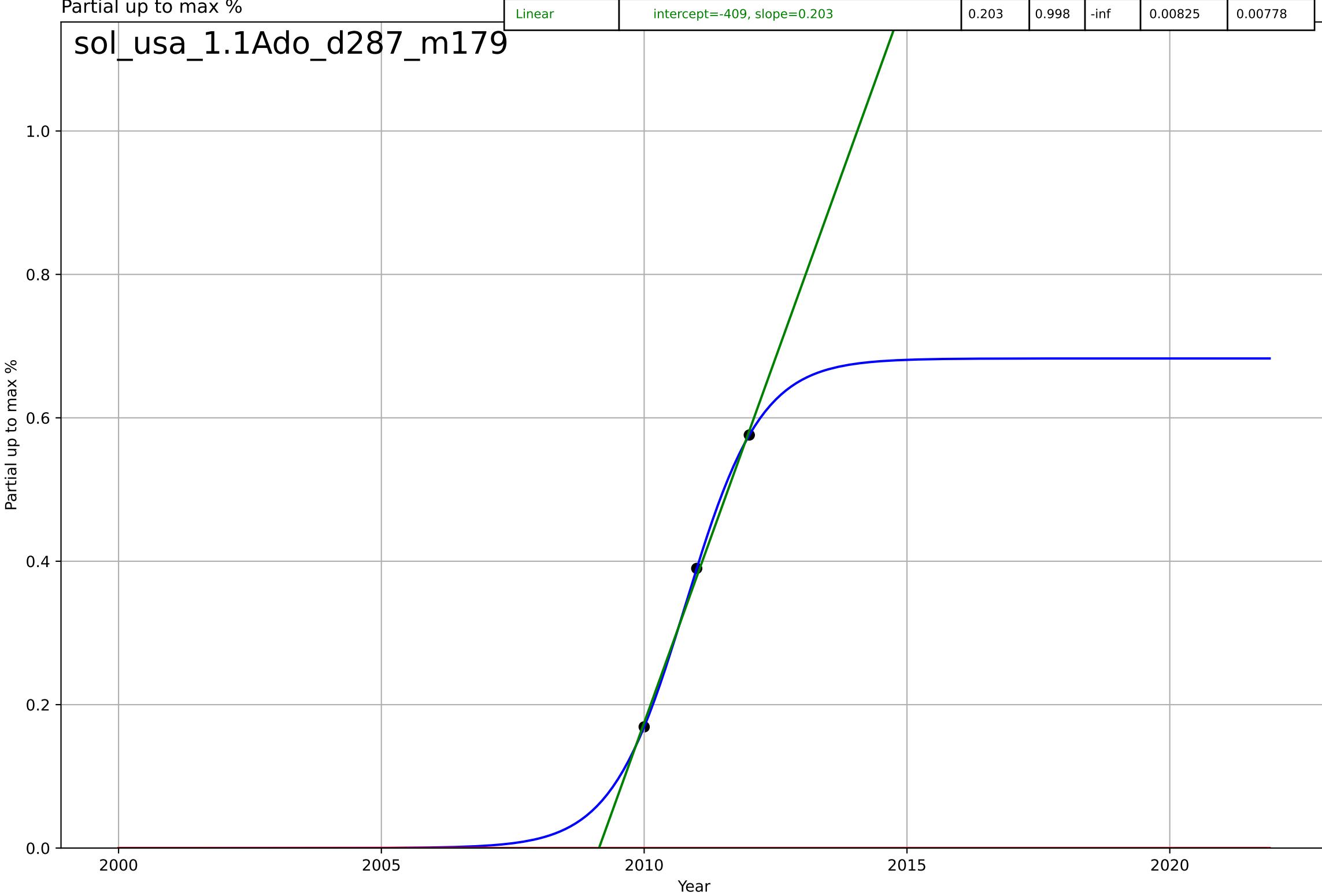
2005

2010

2015

2020

Year



solar leasing

US

### 1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=4.07, K=0.839	1.08	1	1	2.12e-08	1.93e-08
Exponential	1.32*exp(0.568*(x-2013))	0.568	0.987	-inf	0.0187	0.0171
Linear	intercept=-407, slope=0.202	0.202	0.998	-inf	0.00778	0.00733

sol\_usa\_1.1Ado\_d288\_m179

Partial up to max %

2000

2005

2010

2015

2020

Year

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solar leasing

US

### 1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=2.46, K=0.548	1.79	0.908	0.77	0.0475	0.0425
Exponential	1.55e+03*exp(0.00841*(x-157684))	0.00841	-7.84	-13.7	0.466	0.439
Linear	intercept=-159, slope=0.0793	0.0793	0.746	0.577	0.079	0.0588

sol\_usa\_1.1Ado\_d289\_m179

Partial up to max %

2000

2005

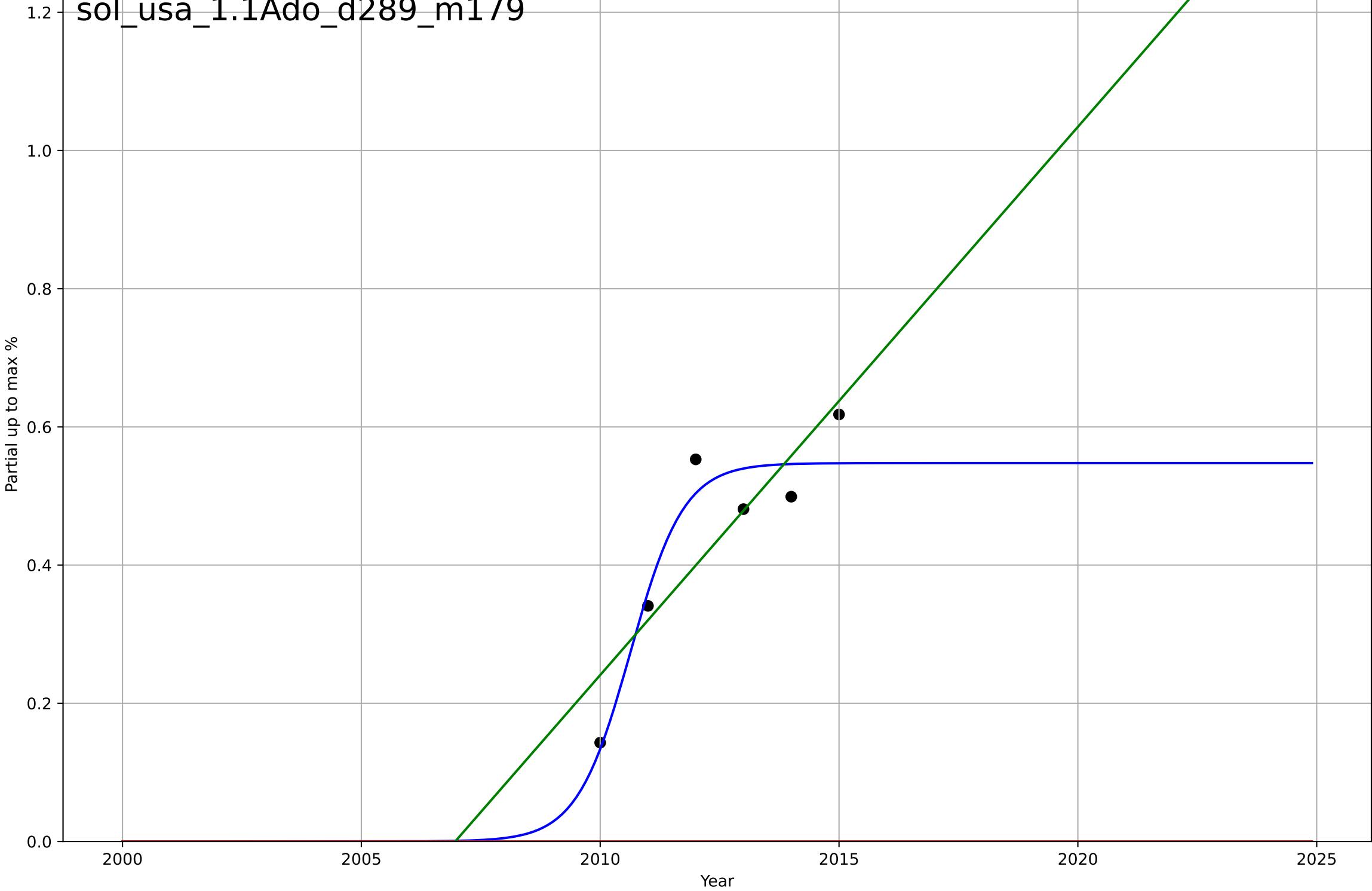
2010

2015

2020

2025

Year



solar leasing

US

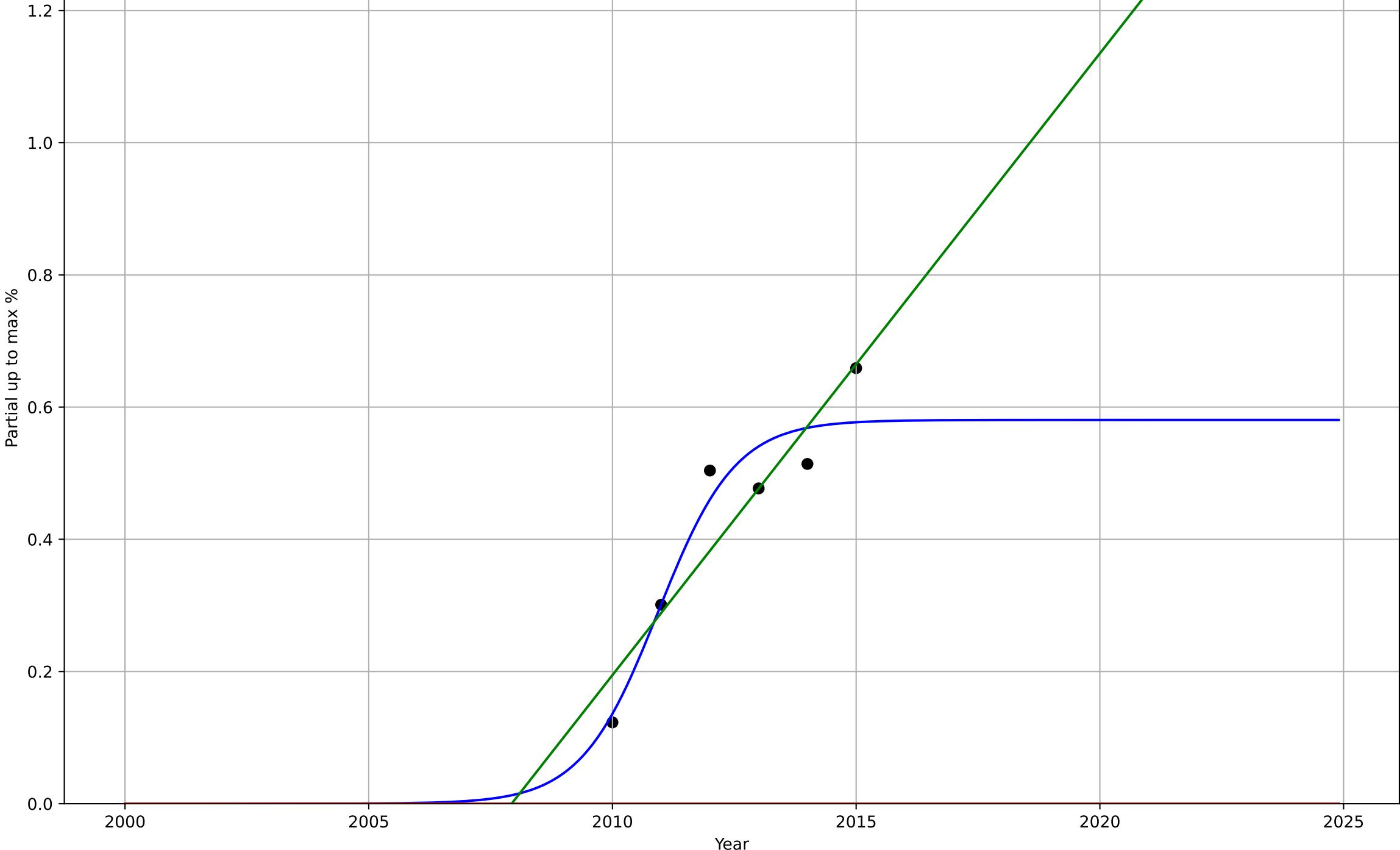
### 1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=3.48, K=0.581	1.26	0.911	0.778	0.0513	0.0429
Exponential	1.55e+03*exp(0.00979*(x-157727))	0.00979	-6.22	-11	0.463	0.43
Linear	intercept=-189, slope=0.0941	0.0941	0.869	0.782	0.0623	0.0447

sol\_usa\_1.1Ado\_d290\_m179



solar leasing

US

1.1 Adoption over Time

Partial up to max % third party owned systems

Partial up to max %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2011, Dt=3.85, K=0.83	1.14	1	1	8.05e-12	7.67e-12
Exponential	1.46*exp(0.587*(x-2014))	0.587	0.986	-inf	0.0206	0.0188
Linear	intercept=-423, slope=0.21	0.21	0.998	-inf	0.00778	0.00733

sol\_usa\_1.1Ado\_d291\_m179

Partial up to max %

2000

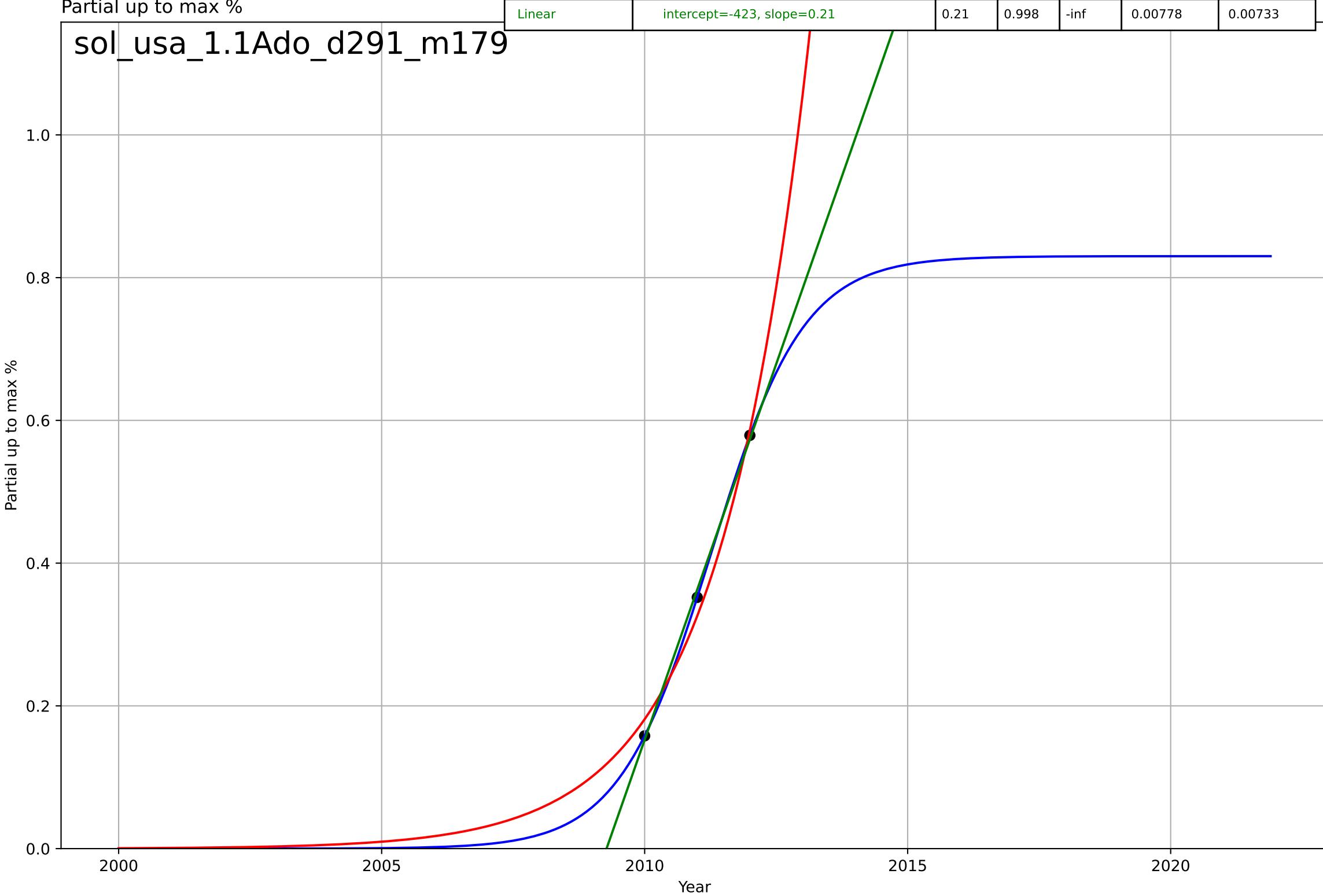
2005

2010

2015

2020

Year



sustainable fashion

Global

### 1.1 Adoption over Time

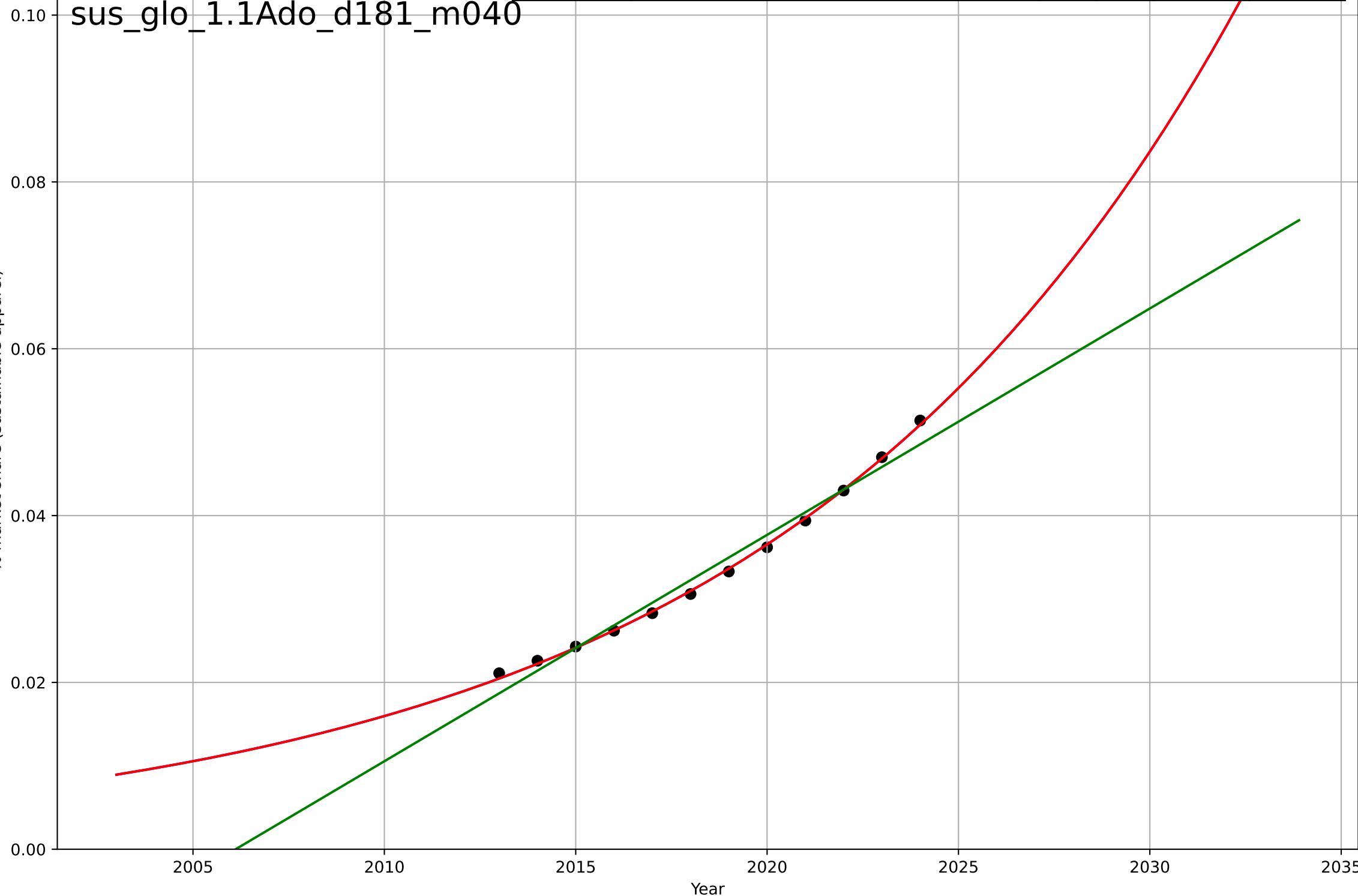
Revenue share of the sustainable apparel market

% market share (sustainable apparel)

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2123, Dt=53.1, K=186	0.0828	0.999	0.998	0.000335	0.000292
Exponential	2.63*exp(0.0828*(x-2072))	0.0828	0.999	0.998	0.000335	0.000292
Linear	intercept=-5.44, slope=0.00271	0.00271	0.975	0.969	0.00151	0.0013

sus\_glo\_1.1Ado\_d181\_m040

% market share (sustainable apparel)



sustainable fashion

Global

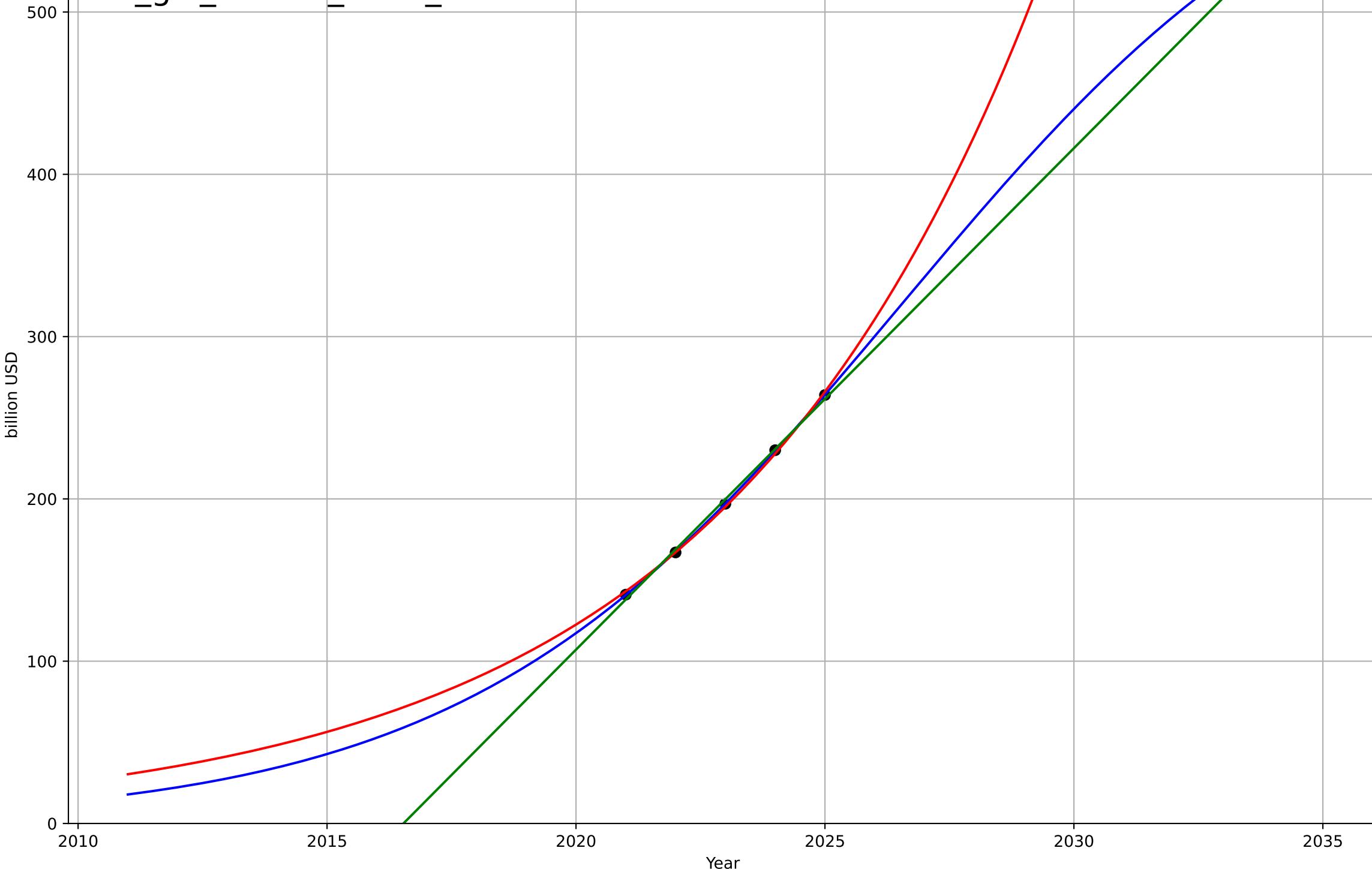
1.1 Adoption over Time

Value of the sustainable apparel market

billion USD

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2027, Dt=19.2, K=640	0.228	1	1	0.304	0.279
Exponential	0.00156*exp(0.155*(x-1947))	0.155	0.998	0.996	1.83	1.65
Linear	intercept=-6.23e+04, slope=30.9	30.9	0.997	0.994	2.31	2.16

sus\_glo\_1.1Ado\_d209\_m123



sustainable fashion

Japan

2.3 Relative advantage - co-benefits

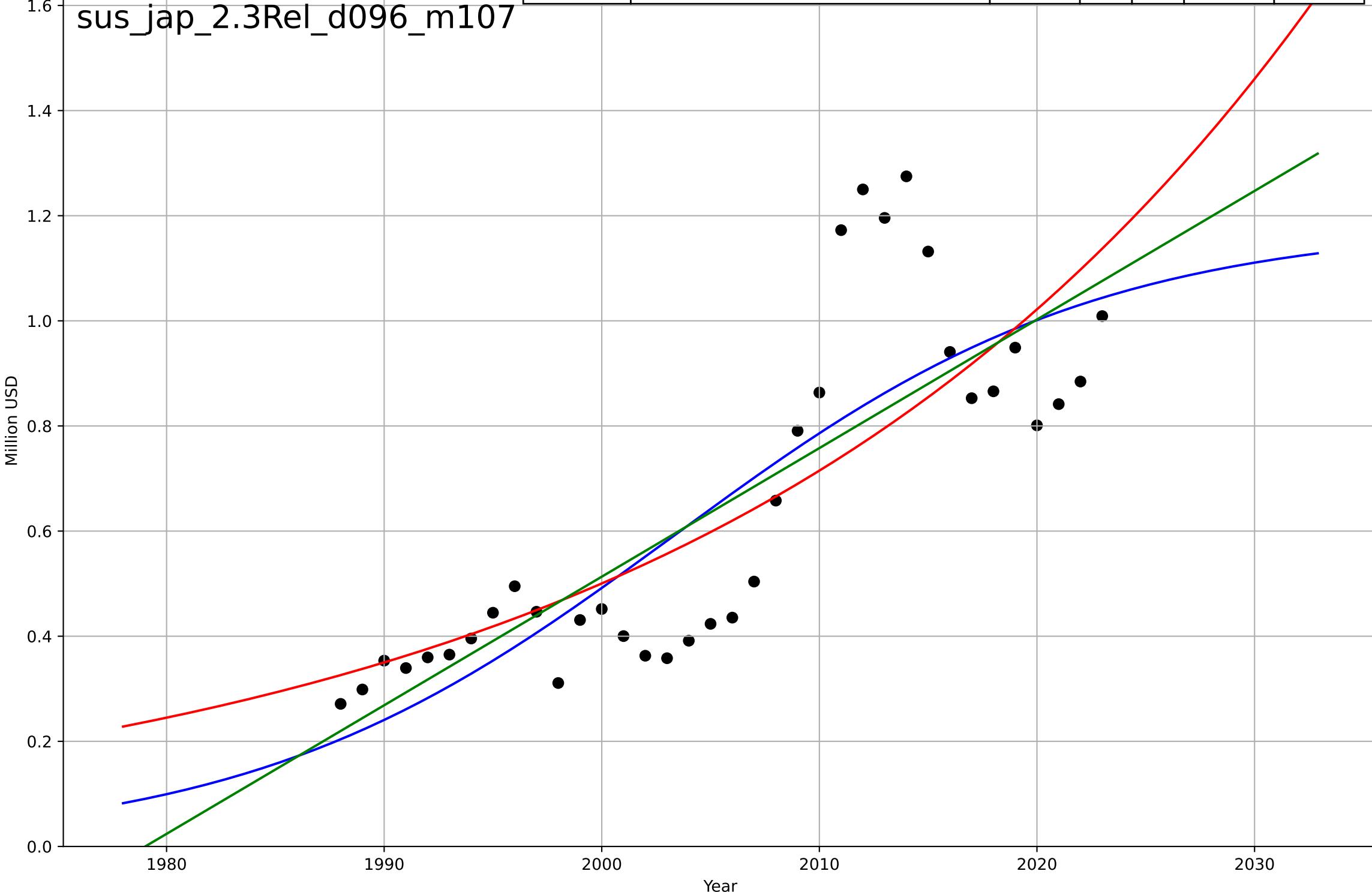
Exports of worn clothing

Million USD

1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=42.9, K=1.18e+08$	0.102	0.684	0.655	1.76e+07	1.41e+07
Exponential	$0.474 \cdot \exp(0.0357 \cdot (x-1483))$	0.0357	0.63	0.608	1.9e+07	1.39e+07
Linear	intercept=-4.84e+09, slope=2.45e+06	2.45e+06	0.658	0.638	1.83e+07	1.41e+07

sus\_jap\_2.3Rel\_d096\_m107



sustainable fashion

Japan

2.3 Relative advantage - co-benefits

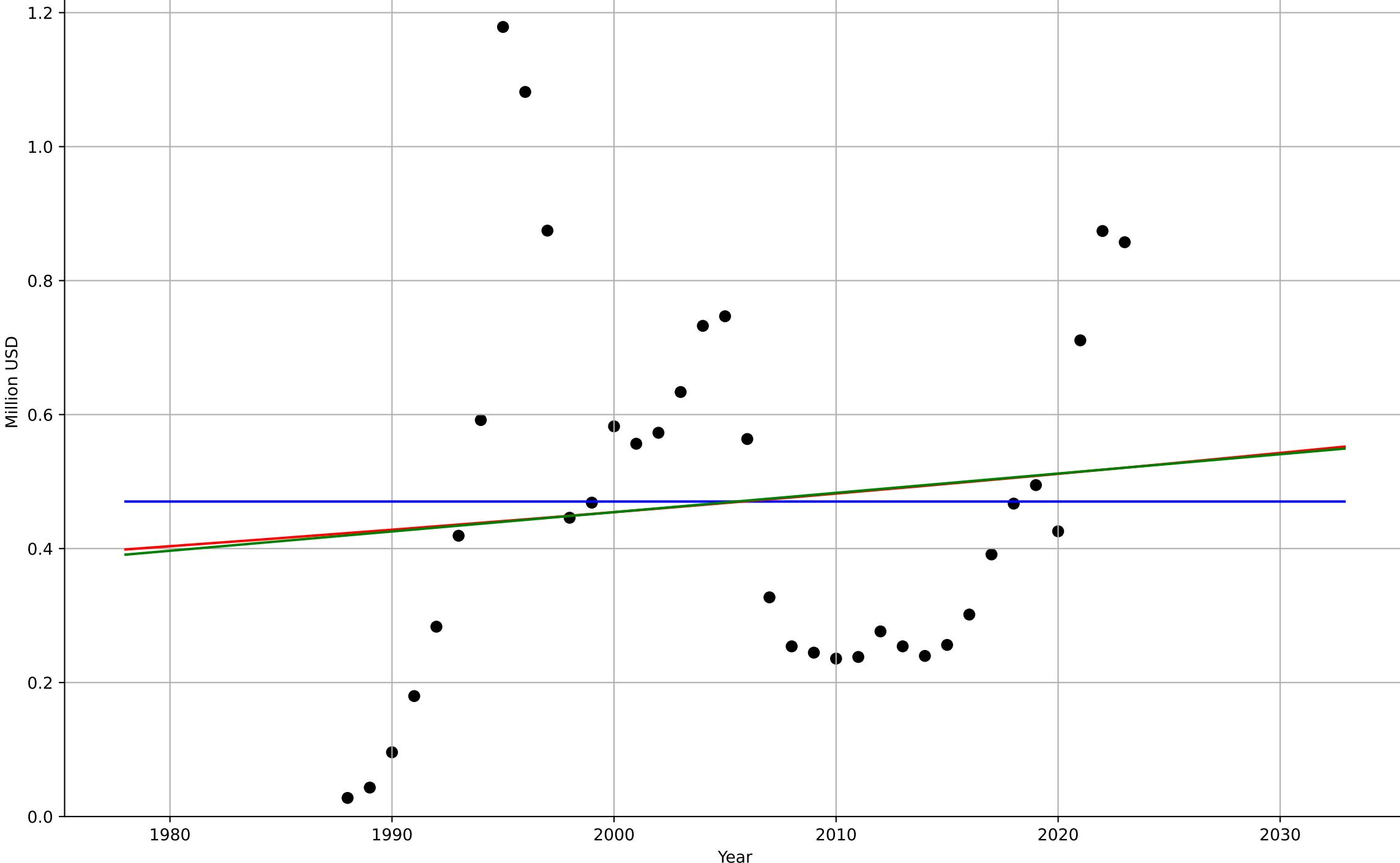
Imports of worn clothing

Million USD

1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=755792, D_t=-1.69e+07, K=8.57e+07$	-2.59e-07	-4.53e-07	-0.0938	2.75e+07	2.22e+07
Exponential	$5.63e+03 \cdot \exp(0.00593 \cdot (x-484))$	0.00593	0.0114	-0.0485	2.74e+07	2.23e+07
Linear	intercept=-5.31e+08, slope=2.88e+05	2.88e+05	0.0118	-0.048	2.73e+07	2.23e+07

sus\_jap\_2.3Rel\_d111\_m107



sustainable fashion

UK

2.3 Relative advantage - co-benefits

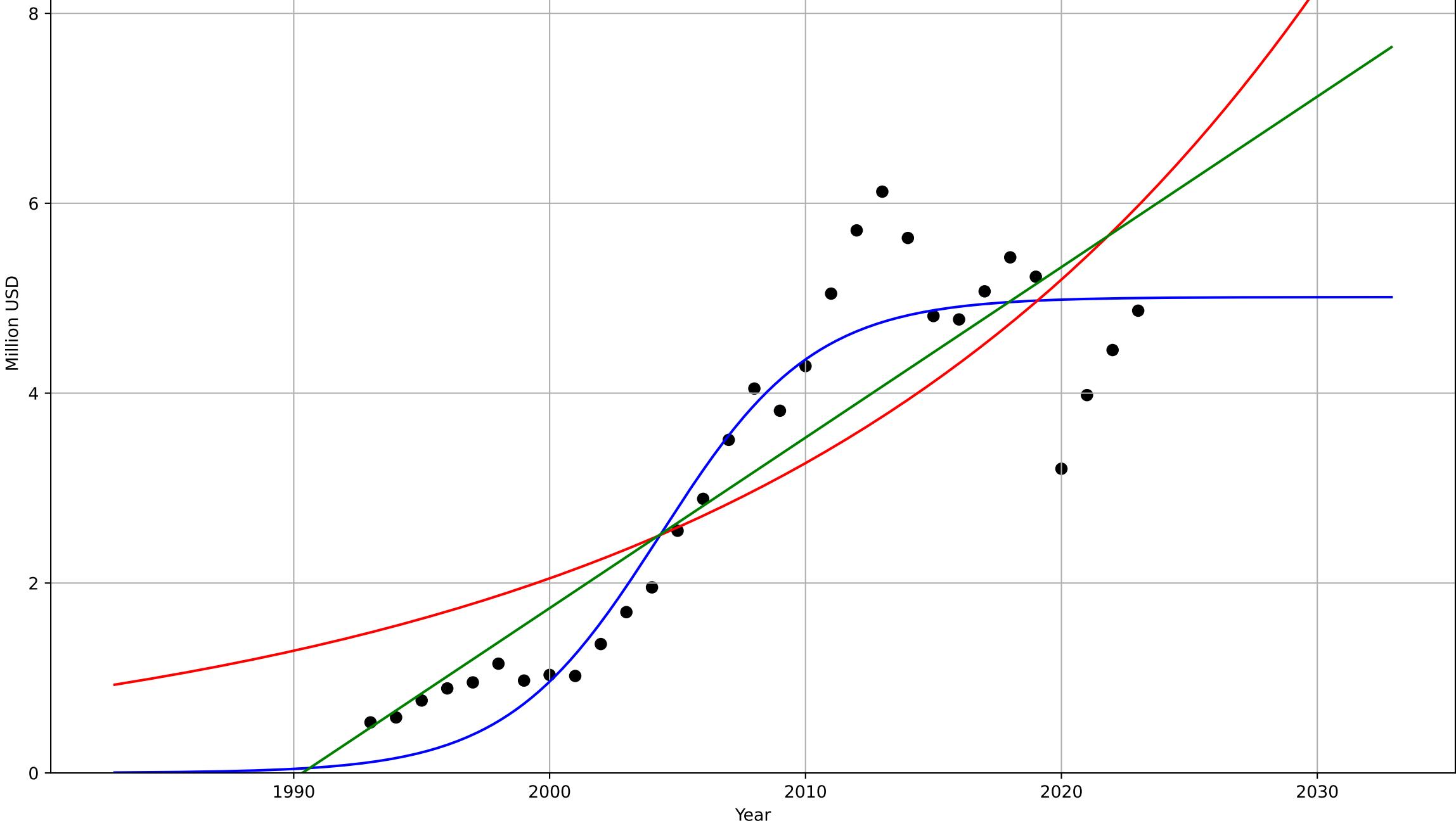
Exports of worn clothing

Million USD

1e8

sus\_uki\_2.3Rel\_d096\_m107

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2004, D_t=13.2, K=5.01e+08$	0.333	0.894	0.883	6.01e+07	4.54e+07
Exponential	$1.56e-08 \cdot \exp(0.0465 \cdot (x-1202))$	0.0465	0.636	0.61	1.12e+08	9.78e+07
Linear	intercept=-3.57e+10, slope=1.8e+07	1.8e+07	0.756	0.739	9.12e+07	6.91e+07



sustainable fashion

UK

2.3 Relative advantage - co-benefits

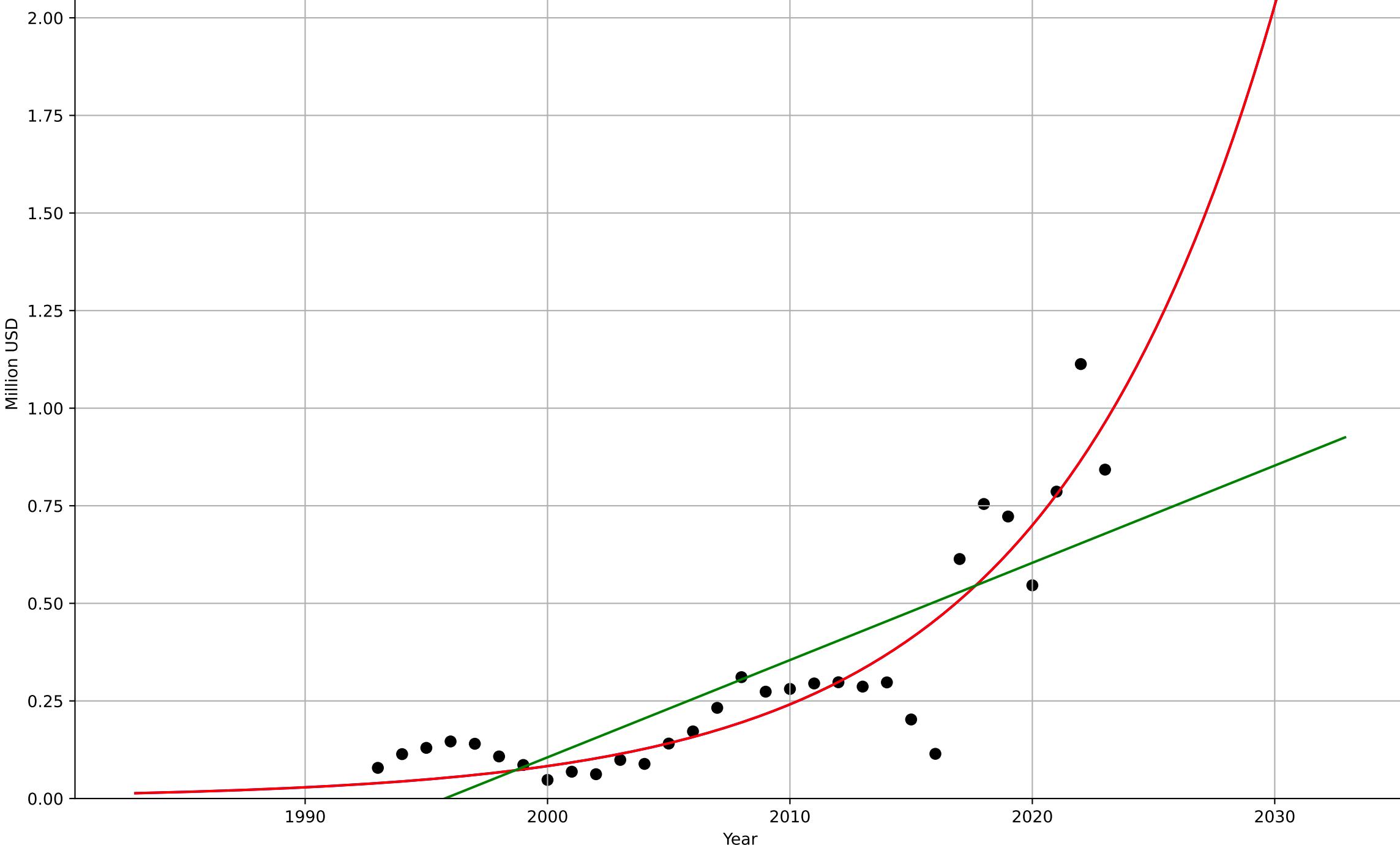
Imports of worn clothing

Million USD

1e8

sus\_uki\_2.3Rel\_d111\_m107

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2121, D_t=41.2, K=3.2e+12$	0.107	0.837	0.819	1.11e+07	7.95e+06
Exponential	$6.37e-07 \cdot \exp(0.107 \cdot (x-1717))$	0.107	0.837	0.825	1.11e+07	7.95e+06
Linear	intercept=-4.97e+09, slope=2.49e+06	2.49e+06	0.661	0.636	1.6e+07	1.27e+07



sustainable fashion

US

2.3 Relative advantage (co-benefits)

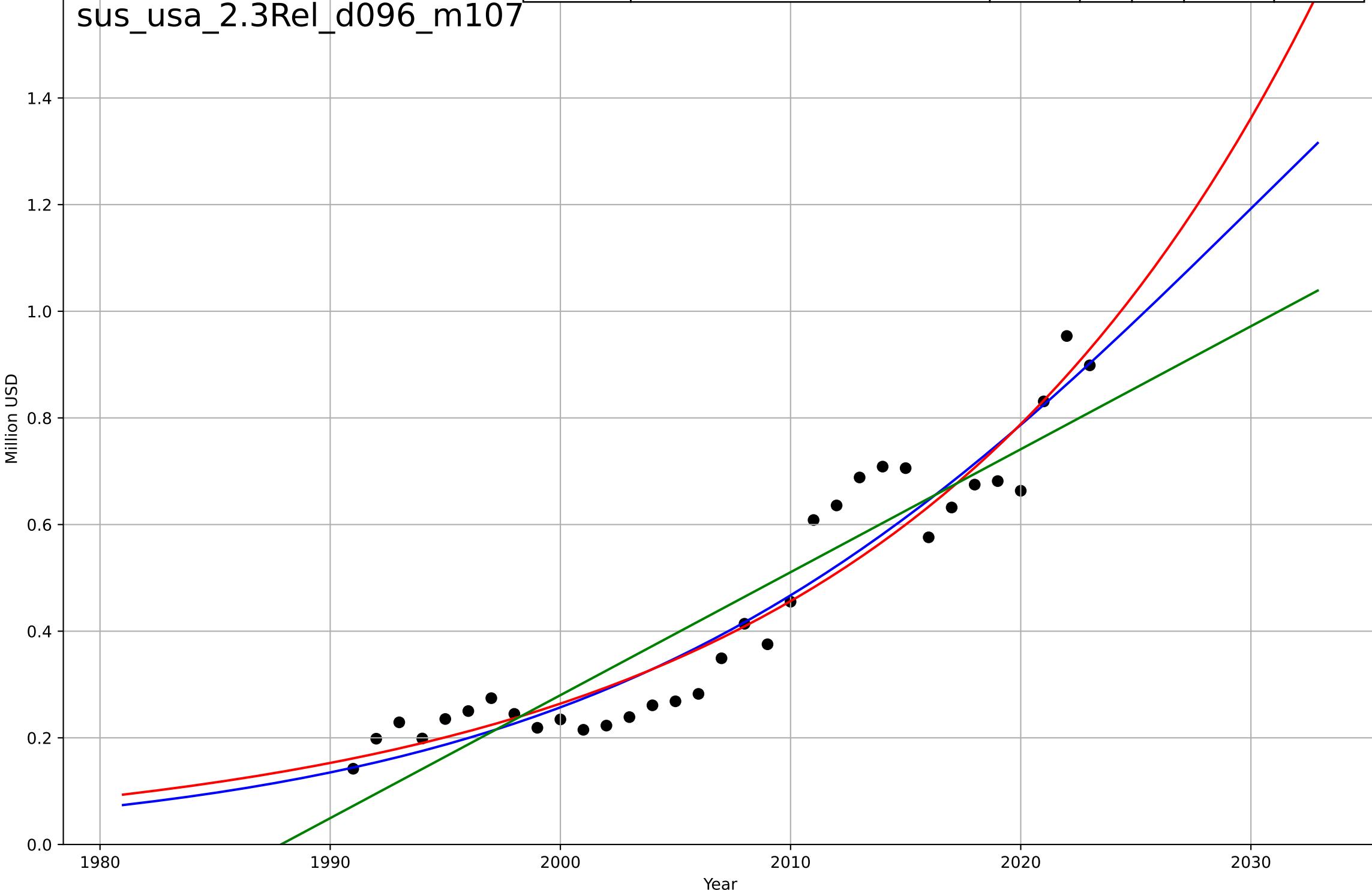
Exports of worn clothing

Million USD

1e9

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2031, D_t=62.9, K=2.43e+09$	0.0699	0.912	0.903	6.99e+07	5.91e+07
Exponential	$5.99e-11 \cdot \exp(0.0547 \cdot (x-1215))$	0.0547	0.91	0.904	7.08e+07	5.78e+07
Linear	intercept=-4.58e+10, slope=2.31e+07	2.31e+07	0.865	0.856	8.66e+07	7.98e+07

sus\_usa\_2.3Rel\_d096\_m107



sustainable fashion

US

2.3 Relative advantage (co-benefits)

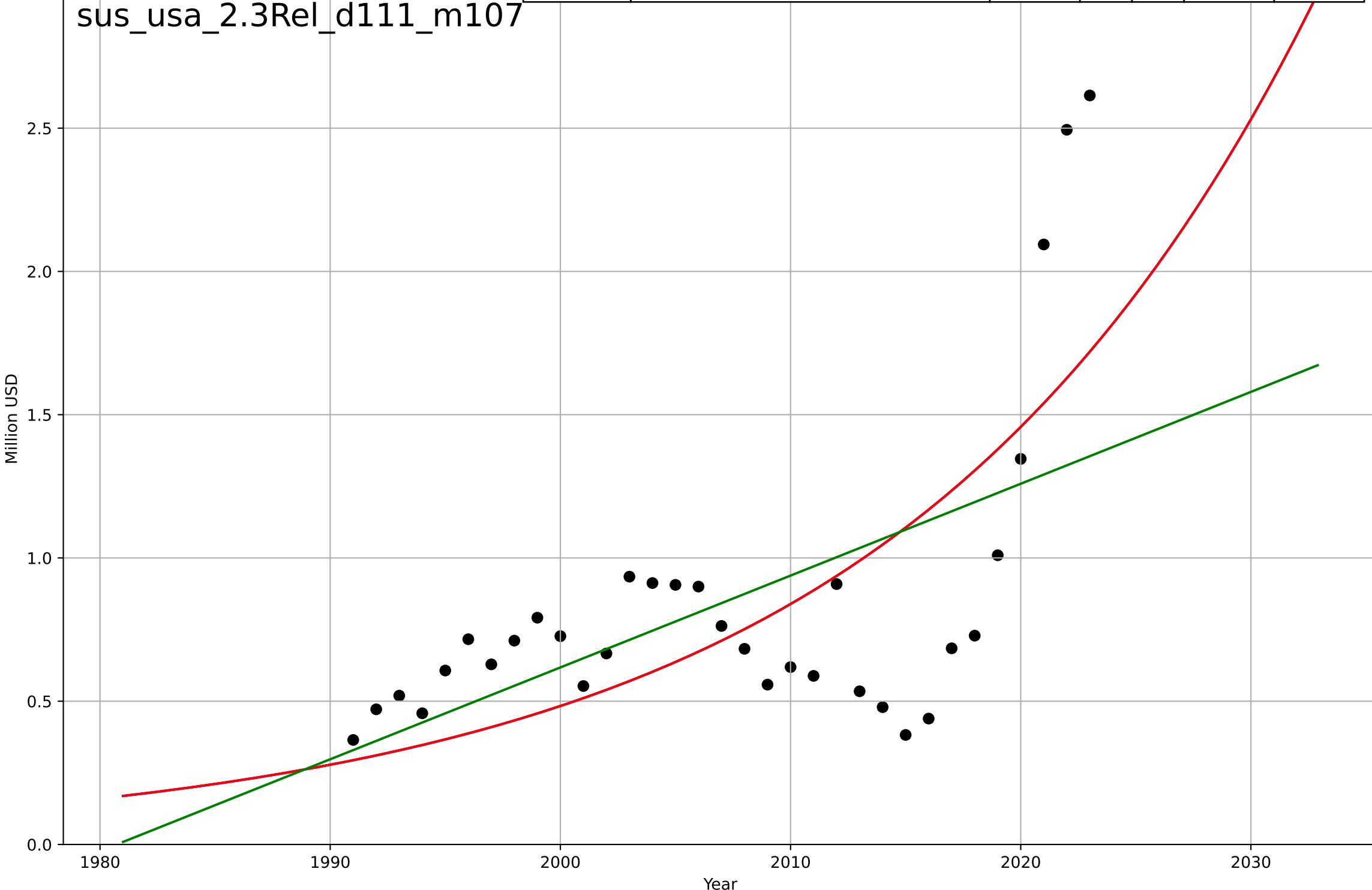
Imports of worn clothing

Million USD

1e7

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2224, D_t=79.6, K=1.16e+12$	0.0552	0.437	0.379	4.02e+06	3.28e+06
Exponential	$0.0105 \cdot \exp(0.0552 \cdot (x-1639))$	0.0552	0.437	0.4	4.02e+06	3.28e+06
Linear	intercept=-6.35e+08, slope=3.21e+05	3.21e+05	0.324	0.279	4.41e+06	3.14e+06

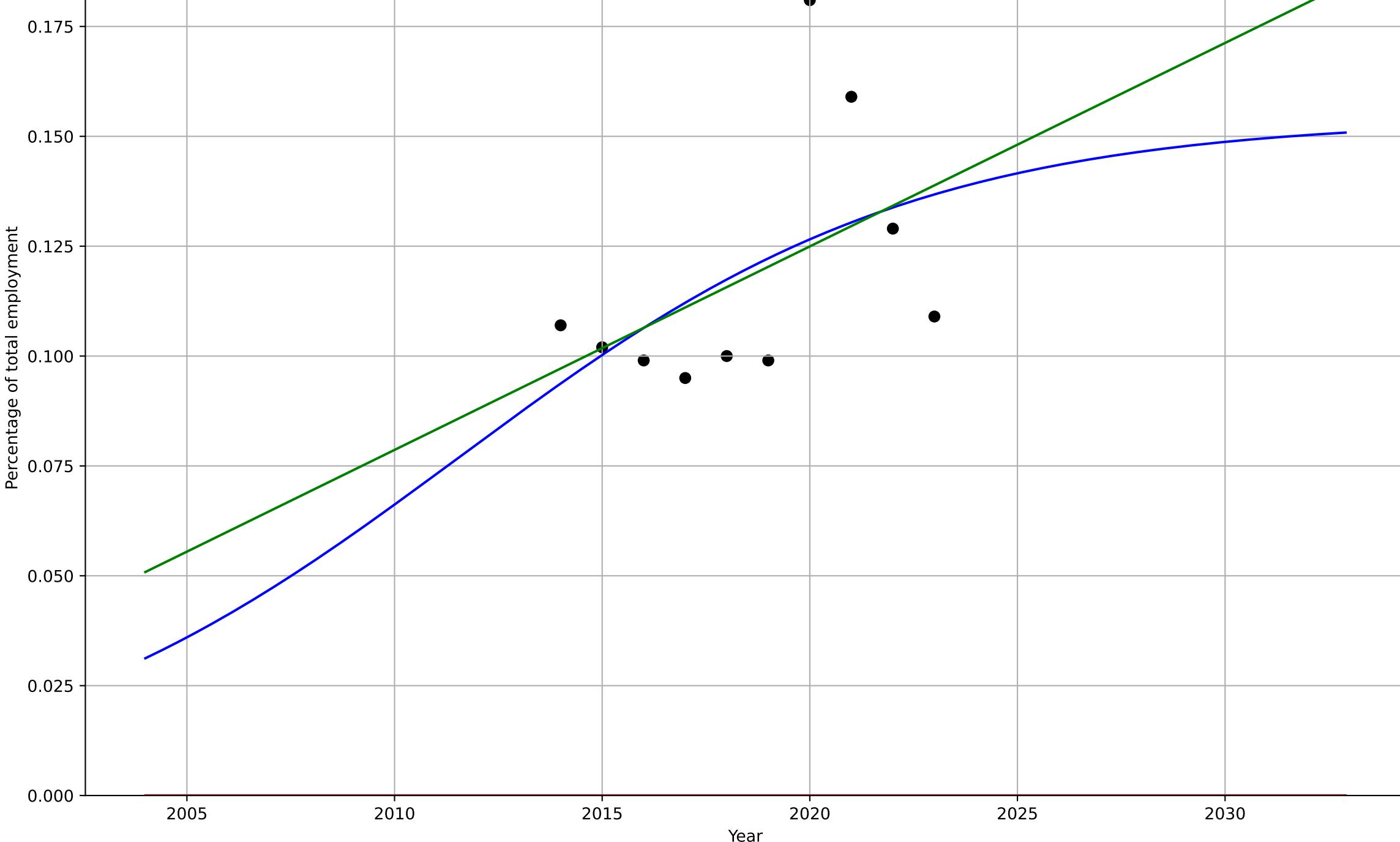
sus\_usa\_2.3Rel\_d111\_m107



teleworking  
 Austria  
 1.1 Adoption over time  
 Employed persons teleworking as a percentage  
 Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=24.3, K=0.154$	0.181	0.238	-0.143	0.0244	0.0196
Exponential	$1.56e+03 \cdot \exp(0.00142 \cdot (x-157494))$	0.00142	-17.8	-23.2	0.121	0.118
Linear	intercept=-9.23, slope=0.00463	0.00463	0.227	0.00569	0.0246	0.0191

tel\_aus\_1.1Ado\_d091\_m117



teleworking

Austria

1.1 Adoption over time

Partial up to 2019 Employed persons teleworki

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1443, Dt=-304, K=404	-0.0145	0.459	-0.352	0.00267	0.00237
Exponential	1.56e+03*exp(0.000857*(x-157472))	0.000857	-761	-1.27e+03	0.1	0.1
Linear	intercept=2.98, slope=-0.00143	-0.00143	0.45	0.0836	0.0027	0.00238

tel\_aus\_1.1Ado\_d316\_m180

Partial up to 2019 Percentage of total employment

2005

2010

2015

2020

2025

2030

Year

teleworking

Austria

### 3.2 Adopter characteristics

Female employees teleworking as a % of total  
% female teleworkers of total female employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2443, D_t=-63.9, K=0.126$	-0.0688	-1.82e-13	-0.5	0.0272	0.0222
Exponential	$1.56e+03 \cdot \exp(0.00139 \cdot (x-157493))$	0.00139	-21.7	-28.1	0.129	0.126
Linear	intercept=-8.53, slope=0.00429	0.00429	0.206	-0.021	0.0242	0.019

tel\_aus\_3.2Adc\_d098\_m036

% female teleworkers of total female employment

2005

2010

2015

2020

2025

2030

Year

teleworking

Austria

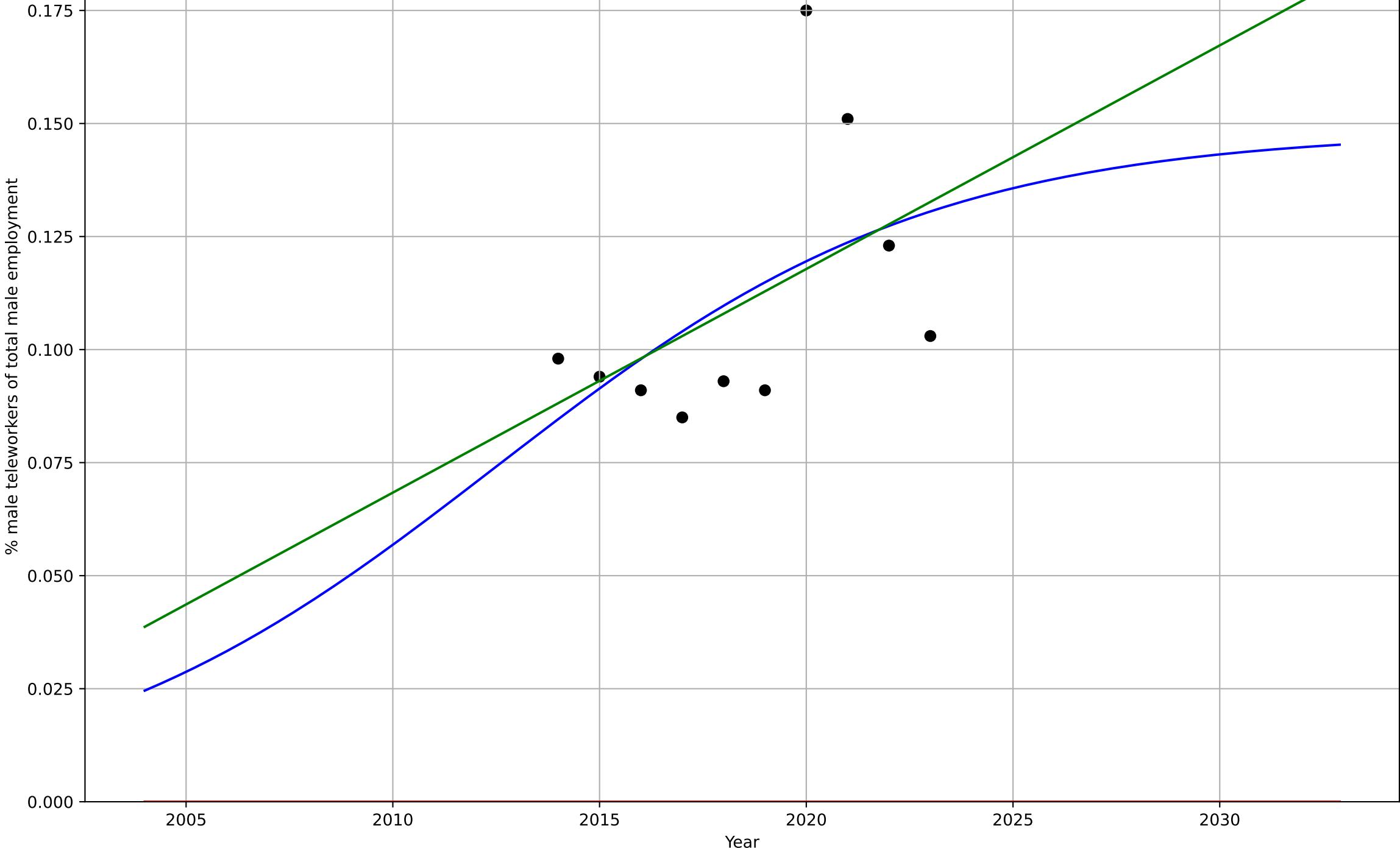
### 3.2 Adopter characteristics

Male employees teleworking as a % of total male employment  
% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2013, D_t=23.1, K=0.148$	0.19	0.259	-0.111	0.0246	0.0197
Exponential	$1.56e+03 \cdot \exp(0.00145 \cdot (x-157496))$	0.00145	-14.9	-19.5	0.114	0.11
Linear	intercept=-9.87, slope=0.00495	0.00495	0.247	0.0323	0.0248	0.0192

tel\_aus\_3.2Adc\_d117\_m039

% male teleworkers of total male employment



teleworking

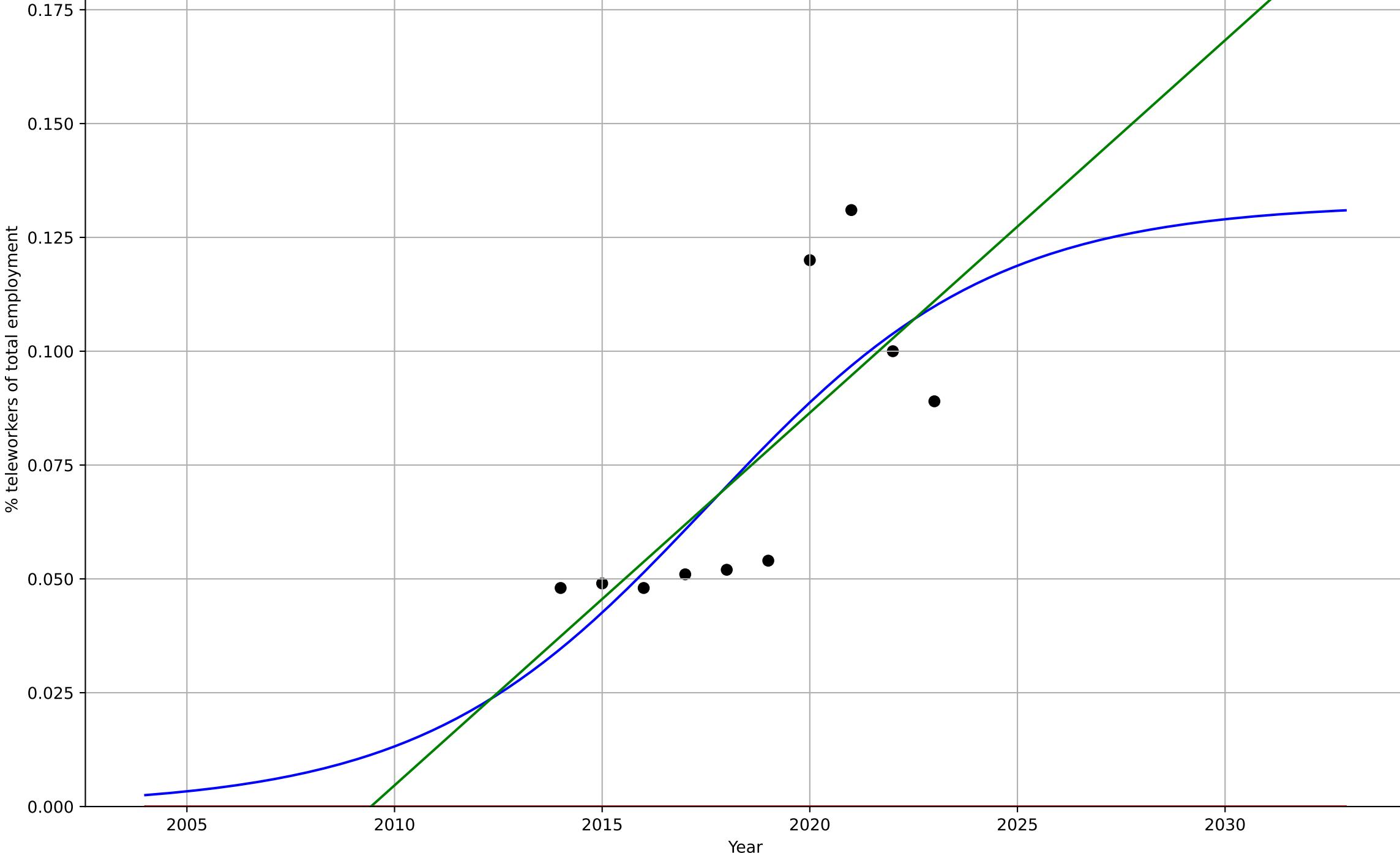
EU

1.1 Adoption over time

Employed persons teleworking as a % of total employed persons  
% teleworkers of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2018, Dt=15.1, K=0.132	0.291	0.593	0.39	0.0198	0.0167
Exponential	1.56e+03*exp(0.00176*(x-157508))	0.00176	-5.7	-7.62	0.0804	0.0742
Linear	intercept=-16.4, slope=0.00818	0.00818	0.572	0.45	0.0203	0.0168

tel\_eun\_1.1Ado\_d090\_m088



teleworking

EU

1.1 Adoption over time

Partial up to 2019 Employed persons teleworking

Partial up to 2019 % teleworkers of total employ

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2393, Dt=183, K=431	0.0241	0.867	0.668	0.000805	0.00061
Exponential	1.56e+03*exp(0.00111*(x-157482))	0.00111	-518	-864	0.0504	0.0503
Linear	intercept=-2.37, slope=0.0012	0.0012	0.859	0.765	0.00083	0.000622

tel\_eun\_1.1Ado\_d317\_m181

Partial up to 2019 % teleworkers of total employment

2005

2010

2015

2020

2025

2030

Year

teleworking

EU

### 3.2 Adopter characteristics

Employed persons (Age: 15-24) teleworking as  
Percentage of employment within age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=7.82, K=0.0582$	0.562	0.615	0.384	0.0116	0.0101
Exponential	$1.56e+03 \cdot \exp(0.0015 \cdot (x - 157500))$	0.0015	-3.43	-4.91	0.0393	0.0346
Linear	intercept=-10.9, slope=0.0054	0.0054	0.558	0.411	0.0124	0.0101

tel\_eun\_3.2Adc\_d087\_m116

Percentage of employment within age group

0.00

0.02

0.04

0.06

0.08

0.10

2005

2010

2015

2020

2025

2030

Year

teleworking

EU

### 3.2 Adopter characteristics

Employed persons (Age: 25-49) teleworking as  
Percentage of employment within age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=13.5, K=0.133$	0.326	0.632	0.448	0.0202	0.0169
Exponential	$nan \cdot exp(nan \cdot (x - nan))$	nan	nan	nan	nan	nan
Linear	intercept=-18.1, slope=0.00901	0.00901	0.606	0.493	0.0209	0.0172

tel\_eun\_3.2Adc\_d088\_m116

Percentage of employment within age group

2005

2010

2015

2020

2025

2030

Year

teleworking

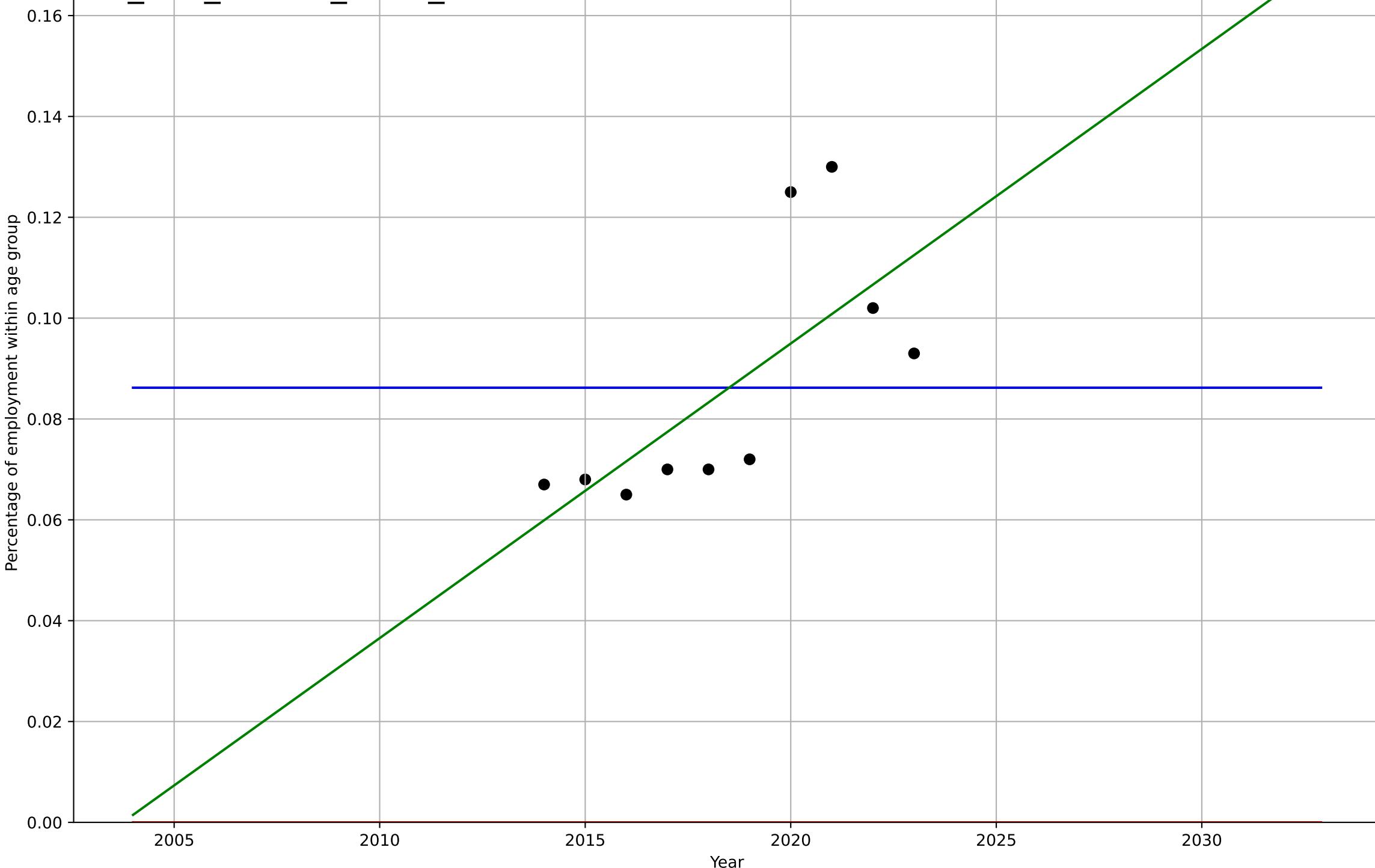
EU

### 3.2 Adopter characteristics

Employed persons (Age: 50+) teleworking as a Percentage of employment within age group

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2252, Dt=-18.8, K=0.0862$	-0.234	-1.31e-14	-0.5	0.0237	0.021
Exponential	$1.56e+03 \cdot \exp(0.00154 \cdot (x-157500))$	0.00154	-13.3	-17.4	0.0894	0.0862
Linear	intercept=-11.7, slope=0.00584	0.00584	0.503	0.361	0.0167	0.0137

tel\_eun\_3.2Adc\_d089\_m116



teleworking

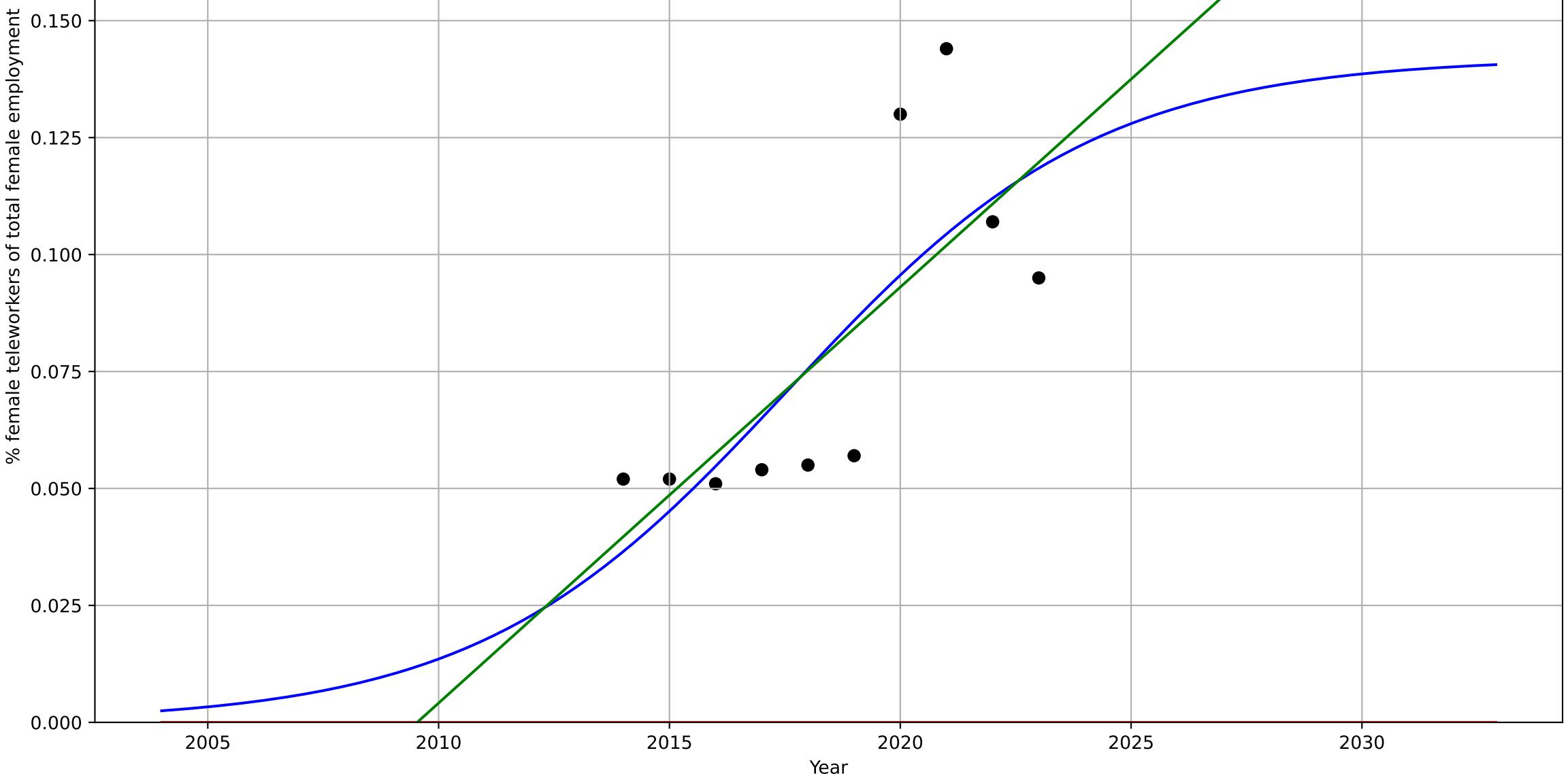
EU

### 3.2 Adopter characteristics

Female employees teleworking as a % of total  
% female teleworkers of total female employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=14.8, K=0.142$	0.297	0.575	0.363	0.0224	0.0189
Exponential	$1.56e+03 \cdot \exp(0.00182 \cdot (x - 157510))$	0.00182	-5.39	-7.21	0.0868	0.0797
Linear	intercept=-17.9, slope=0.00889	0.00889	0.553	0.426	0.0229	0.019

tel\_eun\_3.2Adc\_d098\_m036



teleworking

EU

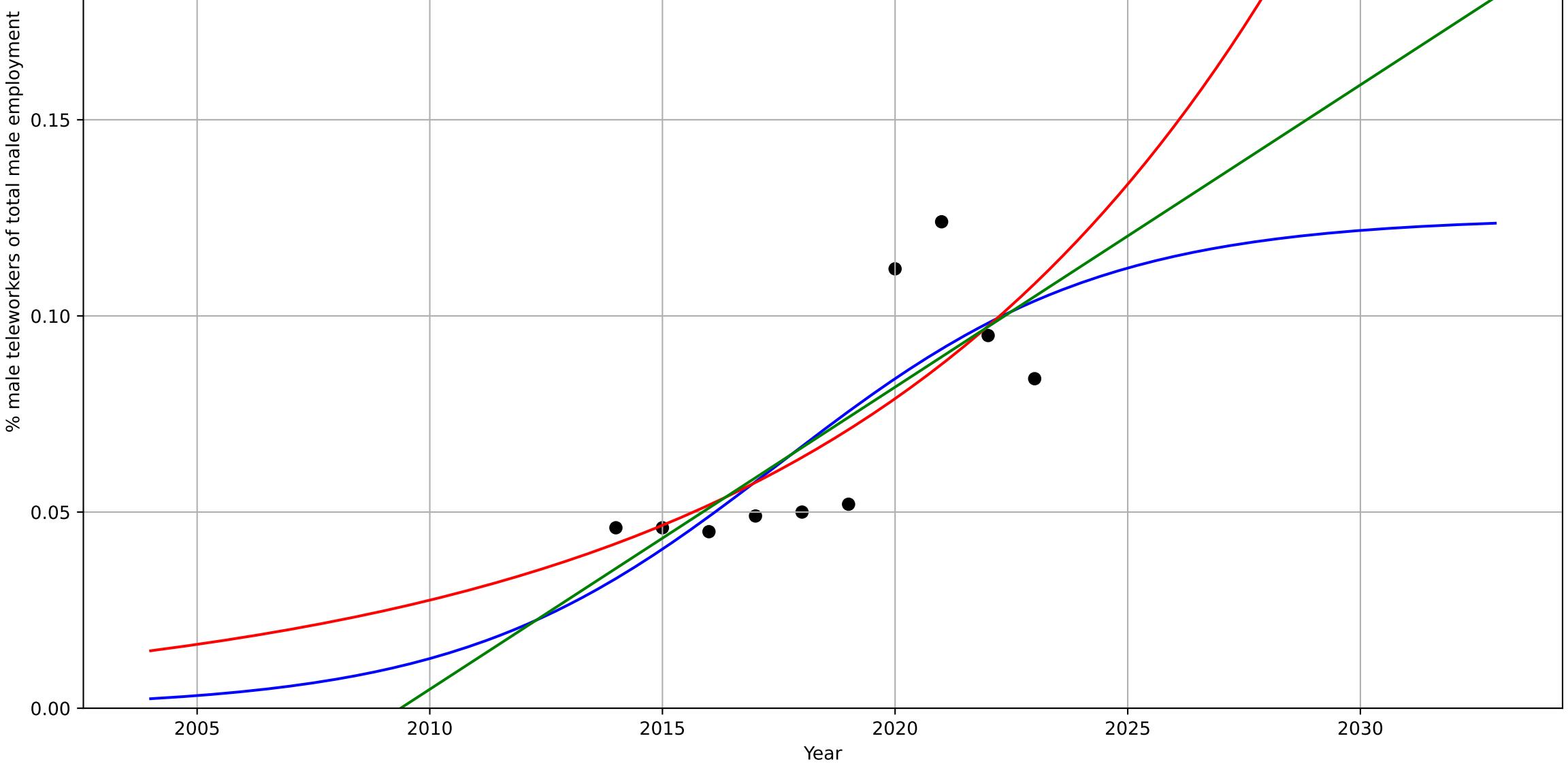
### 3.2 Adopter characteristics

Male employees teleworking as a % of total male employment

% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=15.2, K=0.125$	0.29	0.601	0.402	0.0183	0.0155
Exponential	$2.13 \cdot \exp(0.105 \cdot (x-2051))$	0.105	0.562	0.437	0.0192	0.0149
Linear	intercept=-15.5, slope=0.0077	0.0077	0.58	0.46	0.0188	0.0155

tel\_eun\_3.2Adc\_d117\_m039



teleworking

France

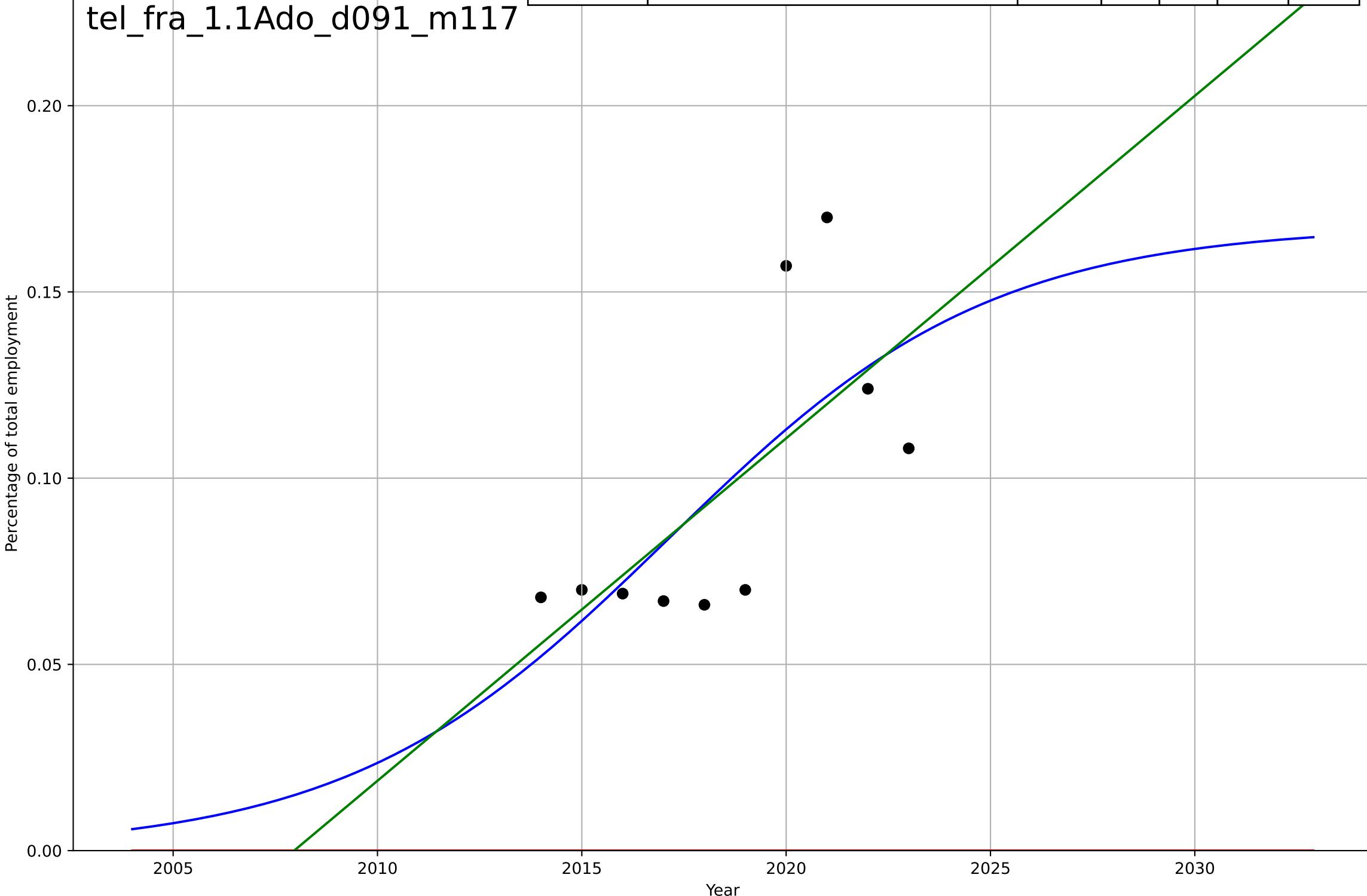
1.1 Adoption over time

Employed persons teleworking as a percentage

Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=17.3, K=0.168	0.254	0.49	0.235	0.0274	0.023
Exponential	1.56e+03*exp(0.00185*(x-157510))	0.00185	-6.38	-8.49	0.104	0.0969
Linear	intercept=-18.5, slope=0.00919	0.00919	0.474	0.323	0.0278	0.0228

tel\_fra\_1.1Ado\_d091\_m117



teleworking

France

1.1 Adoption over time

Partial up to 2019 Employed persons teleworki

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=598, D_t=-2.43e+03, K=0.96$	-0.00181	0.0172	-1.46	0.00148	0.00135
Exponential	$1.56e+03 \cdot \exp(0.000983 \cdot (x-157477))$	0.000983	-2.1e+03	-3.5e+03	0.0683	0.0683
Linear	intercept=0.299, slope=-0.000114	-0.000114	0.0171	-0.638	0.00148	0.00135

tel\_fra\_1.1Ado\_d316\_m180

Partial up to 2019 Percentage of total employment

2005

2010

2015

2020

2025

2030

Year

teleworking

France

### 3.2 Adopter characteristics

Female employees teleworking as a % of total female employees  
% female teleworkers of total female employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=21.4, K=0.199	0.205	0.462	0.193	0.0288	0.0242
Exponential	1.56e+03*exp(0.00185*(x-157509))	0.00185	-8.32	-11	0.12	0.113
Linear	intercept=-18.4, slope=0.00917	0.00917	0.451	0.294	0.029	0.0241

tel\_fra\_3.2Adc\_d098\_m036

% female teleworkers of total female employment

0.00

2005

2010

2015

2020

2025

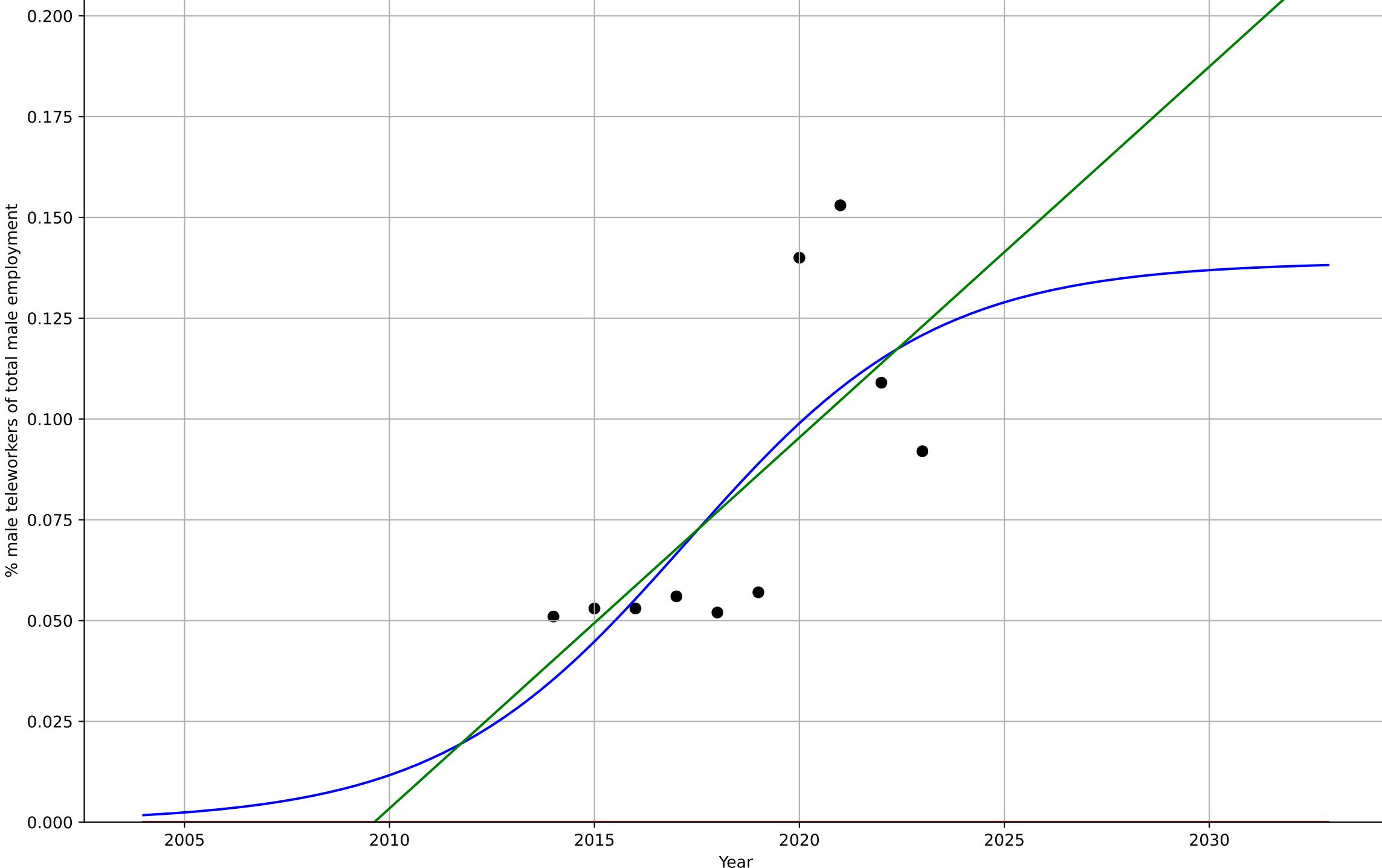
2030

Year

teleworking  
 France  
 3.2 Adopter characteristics  
 Male employees teleworking as a % of total male  
 % male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=13.3, K=0.139$	0.33	0.522	0.283	0.0259	0.0216
Exponential	$1.56e+03 \cdot \exp(0.00185 \cdot (x - 157511))$	0.00185	-4.73	-6.37	0.0898	0.0816
Linear	intercept=-18.5, slope=0.0092	0.0092	0.496	0.352	0.0266	0.0215

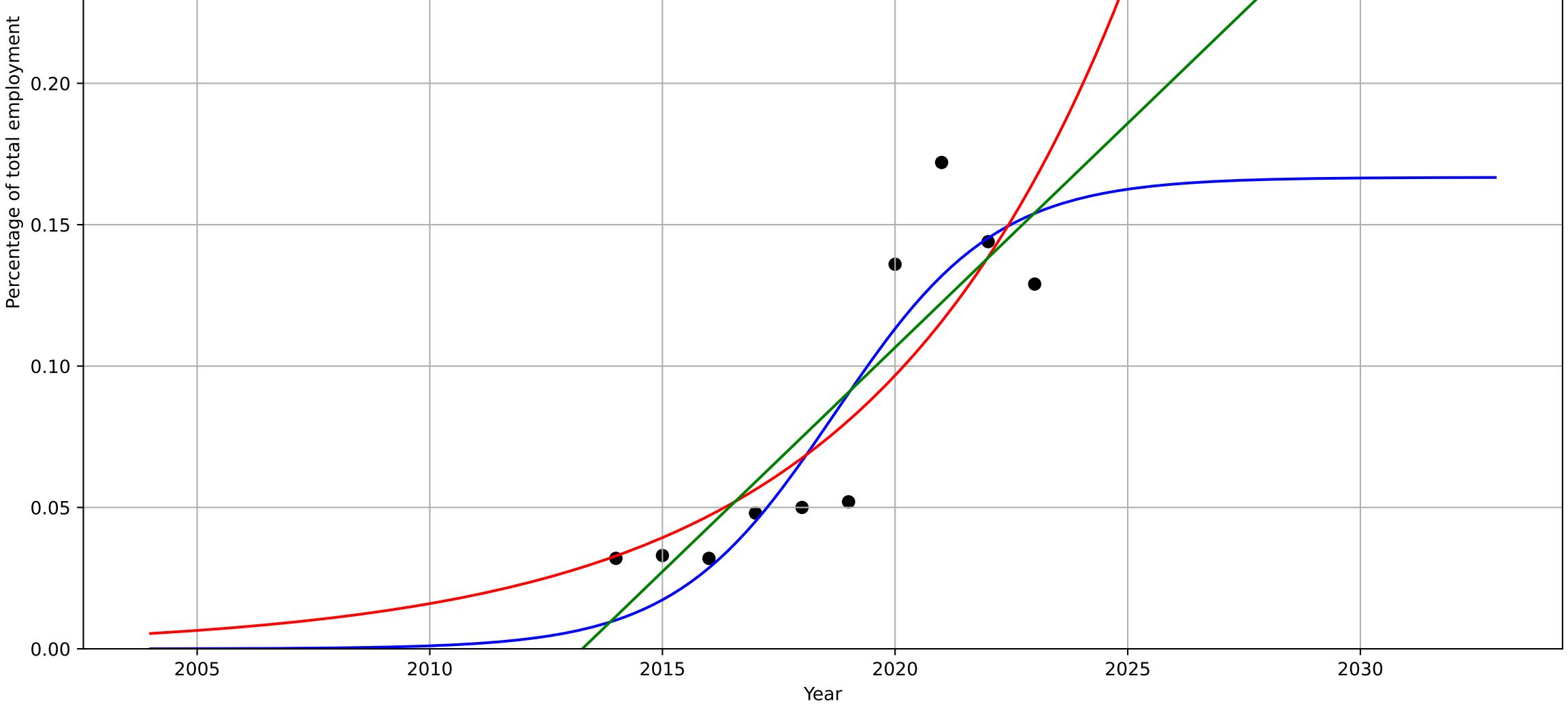
tel\_fra\_3.2Adc\_d117\_m039



teleworking  
 Germany  
 1.1 Adoption over time  
 Employed persons teleworking as a percentage  
 Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=7.56, K=0.167$	0.581	0.81	0.715	0.0229	0.0188
Exponential	$0.325 \cdot \exp(0.18 \cdot (x-2027))$	0.18	0.725	0.647	0.0275	0.0215
Linear	intercept=-31.9, slope=0.0159	0.0159	0.753	0.682	0.0261	0.0222

tel\_ger\_1.1Ado\_d091\_m117



teleworking

Germany

1.1 Adoption over time

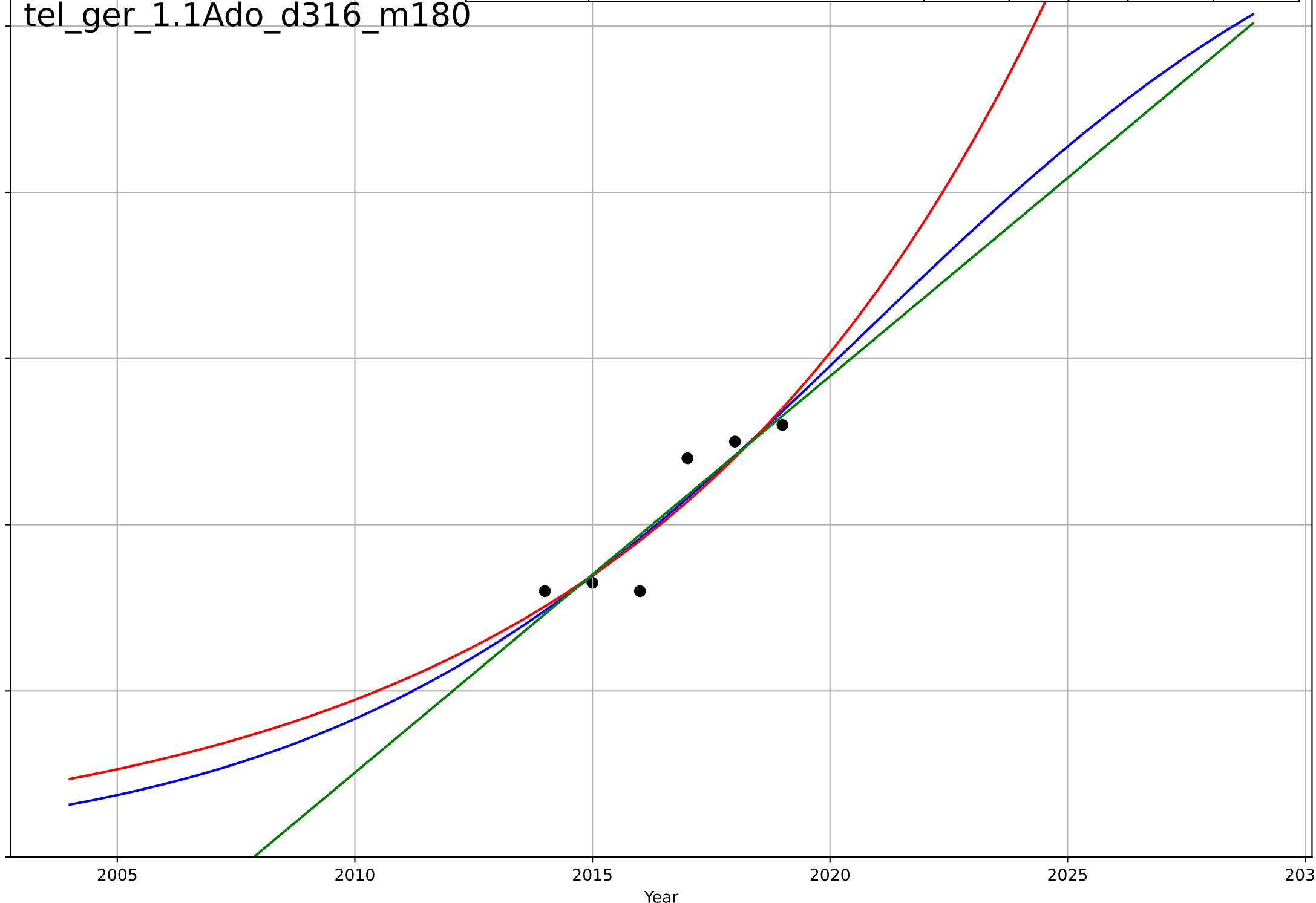
Partial up to 2019 Employed persons teleworki

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=24.9, K=0.125$	0.177	0.842	0.606	0.00354	0.00294
Exponential	$2.51 \cdot \exp(0.117 \cdot (x-2052))$	0.117	0.84	0.734	0.00356	0.00299
Linear	intercept=-9.58, slope=0.00477	0.00477	0.836	0.726	0.00362	0.00296

tel\_ger\_1.1Ado\_d316\_m180

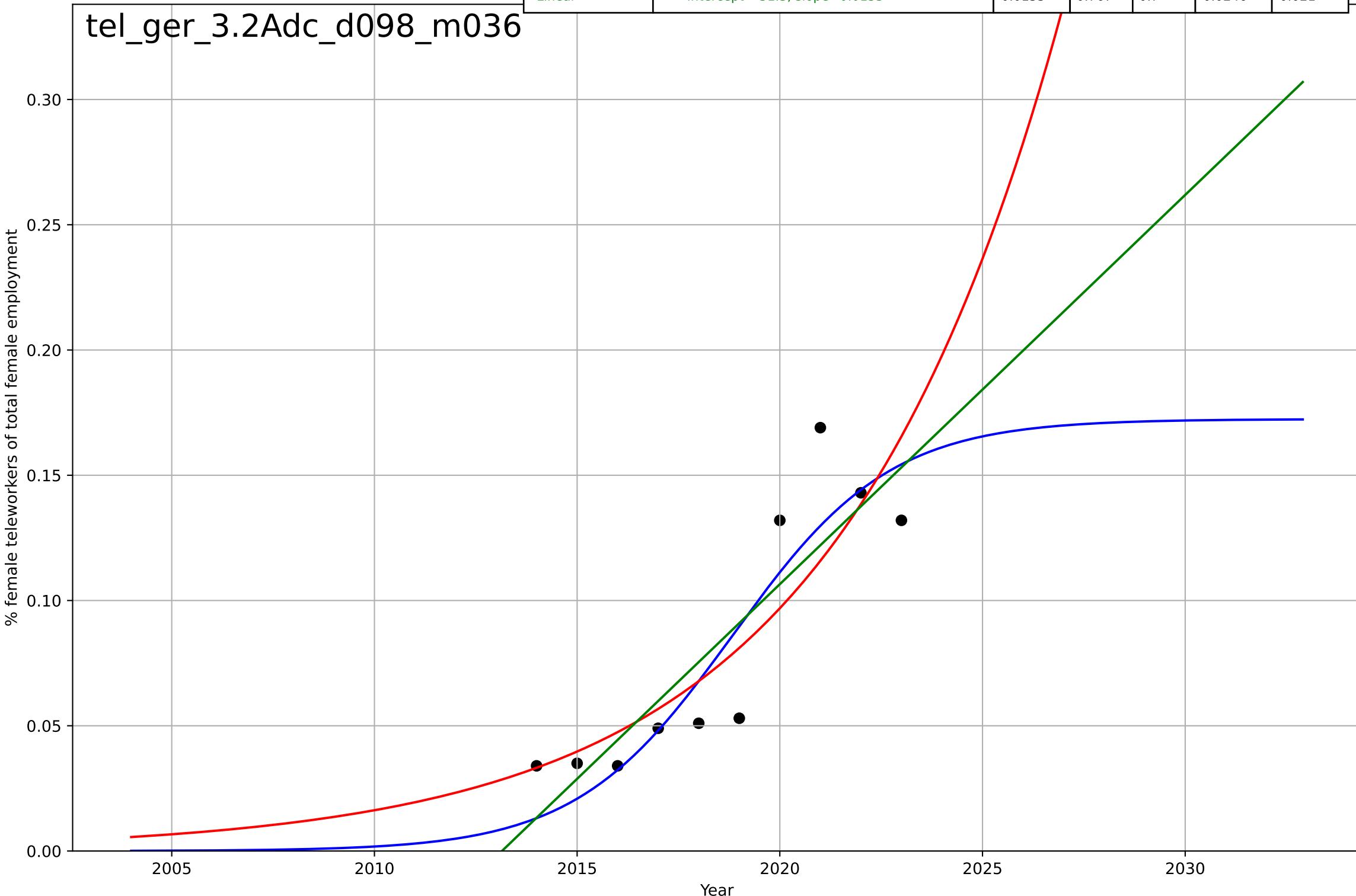
Partial up to 2019 Percentage of total employment



teleworking  
Germany  
3.2 Adopter characteristics  
Female employees teleworking as a % of total female employees  
% female teleworkers of total female employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=8.52, K=0.172$	0.516	0.818	0.726	0.0218	0.0175
Exponential	$0.192 \cdot \exp(0.178 \cdot (x-2024))$	0.178	0.748	0.677	0.0256	0.0198
Linear	intercept=-31.3, slope=0.0155	0.0155	0.767	0.7	0.0246	0.021

tel\_ger\_3.2Adc\_d098\_m036



teleworking

Germany

### 3.2 Adopter characteristics

Male employees teleworking as a % of total male employment

% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=6.8, K=0.163	0.647	0.805	0.707	0.0238	0.02
Exponential	0.322*exp(0.182*(x-2027))	0.182	0.708	0.625	0.0291	0.0229
Linear	intercept=-32.5, slope=0.0161	0.0161	0.741	0.667	0.0274	0.0233

tel\_ger\_3.2Adc\_d117\_m039

% male teleworkers of total male employment

0.30

0.25

0.20

0.15

0.10

0.05

0.00

2005

2010

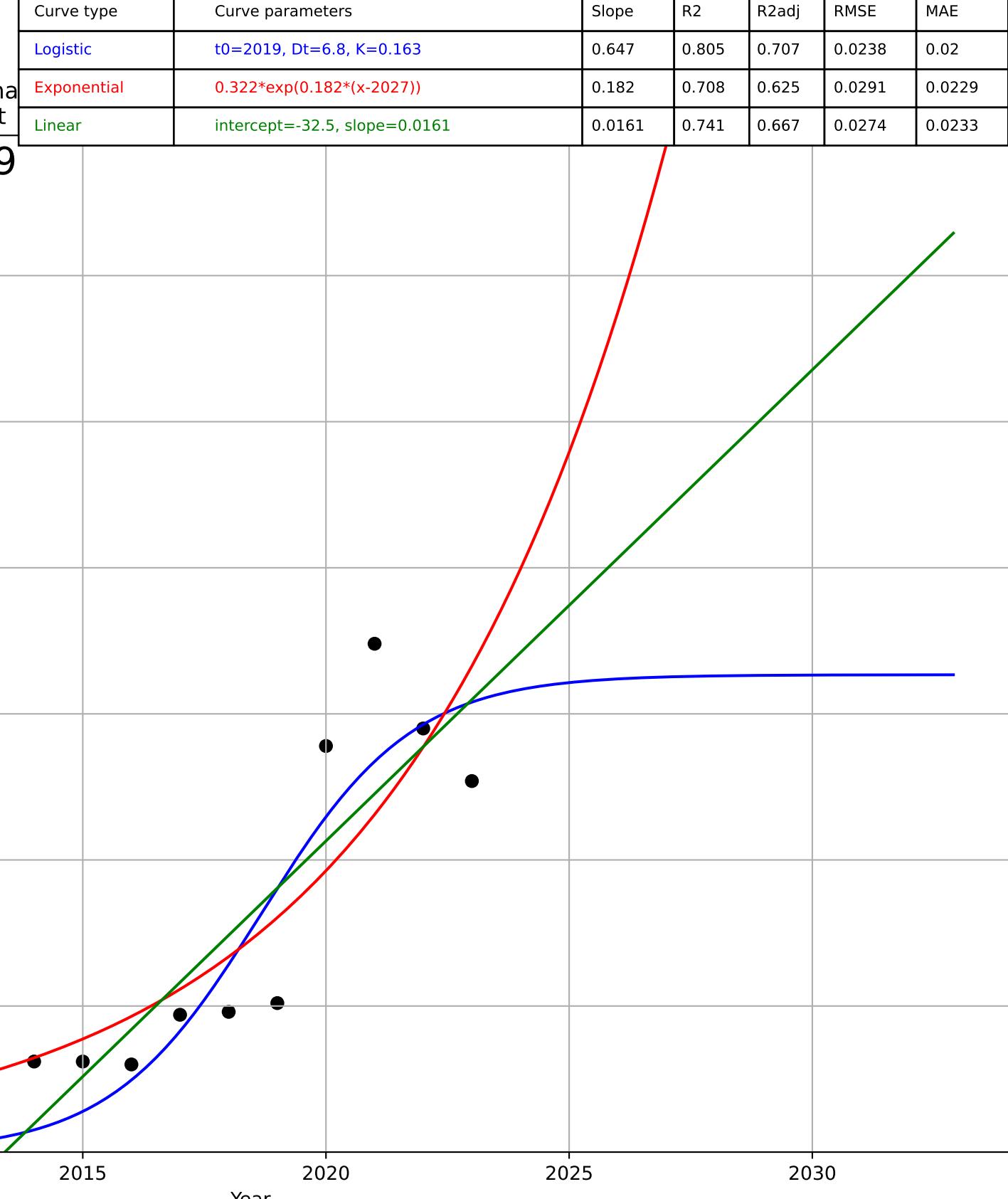
2015

2020

2025

2030

Year



teleworking

Ireland

1.1 Adoption over time

Employed persons teleworking as a percentage

Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=2.24, K=0.265	1.96	0.854	0.781	0.0396	0.0353
Exponential	0.441*exp(0.215*(x-2025))	0.215	0.685	0.594	0.0583	0.0463
Linear	intercept=-61.8, slope=0.0307	0.0307	0.723	0.643	0.0547	0.0463

tel\_ire\_1.1Ado\_d091\_m117

Percentage of total employment

2005

2010

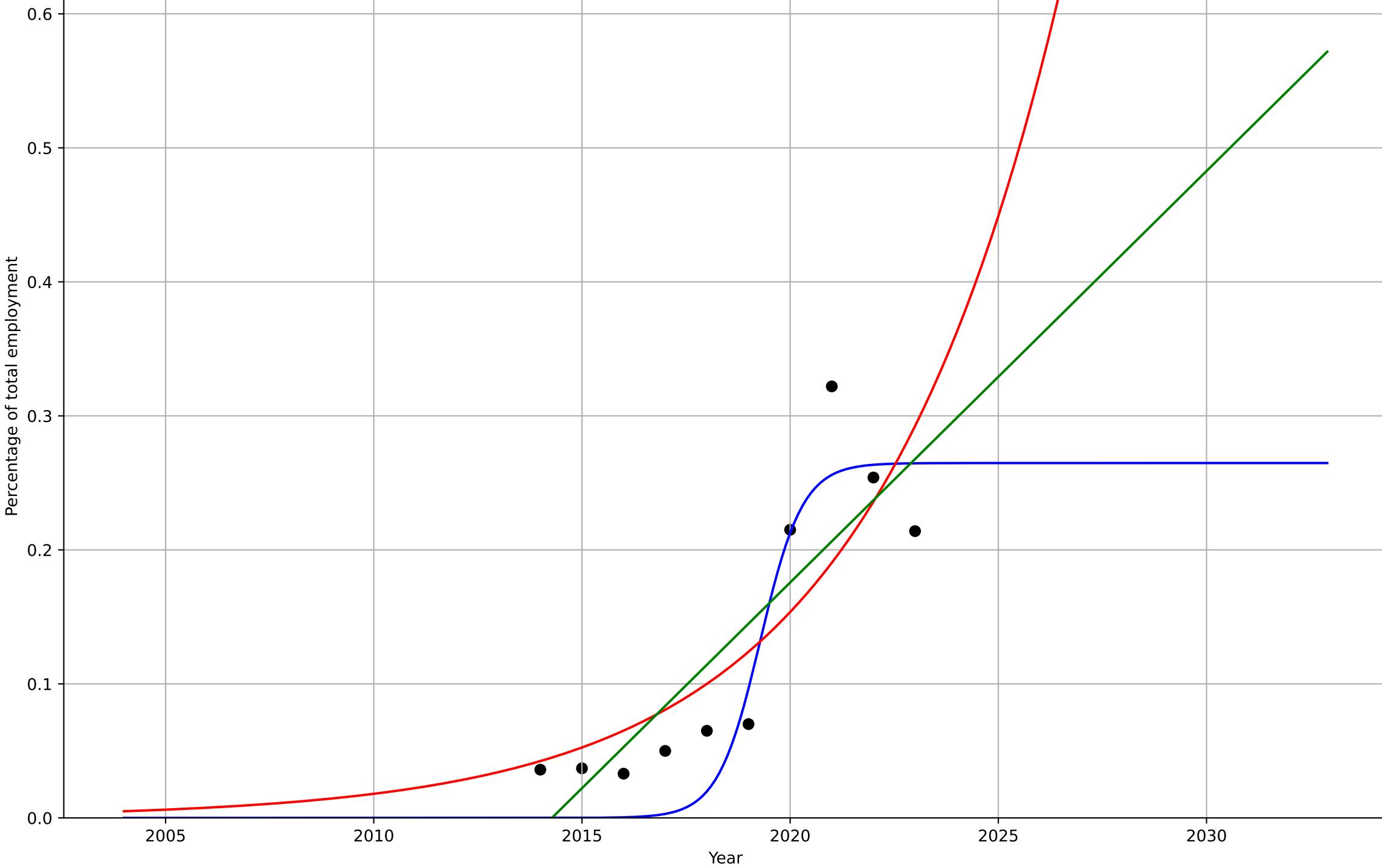
2015

2020

2025

2030

Year



teleworking

Ireland

1.1 Adoption over time

Partial up to 2019 Employed persons teleworki

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2077, D_t=25.9, K=1.26e+03$	0.17	0.879	0.697	0.00505	0.00381
Exponential	$1.56e+03 \cdot \exp(0.00172 \cdot (x-157503))$	0.00172	-11.2	-19.3	0.0506	0.0485
Linear	intercept=-15.6, slope=0.00774	0.00774	0.829	0.715	0.006	0.00467

tel\_ire\_1.1Ado\_d316\_m180

Partial up to 2019 Percentage of total employment

0.00  
0.02  
0.04  
0.06  
0.08  
0.10  
0.12  
0.14

2005

2010

2015

2020

2025

2030

Year

teleworking

Ireland

### 3.2 Adopter characteristics

Female employees teleworking as a % of total female employees  
% female teleworkers of total female employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=1.64, K=0.258$	2.68	0.856	0.784	0.0403	0.0336
Exponential	$0.438 \cdot \exp(0.216 \cdot (x-2025))$	0.216	0.639	0.535	0.0638	0.0514
Linear	intercept=-61.8, slope=0.0307	0.0307	0.69	0.602	0.0591	0.0496

tel\_ire\_3.2Adc\_d098\_m036

% female teleworkers of total female employment

2005

2010

2015

2020

2025

2030

Year

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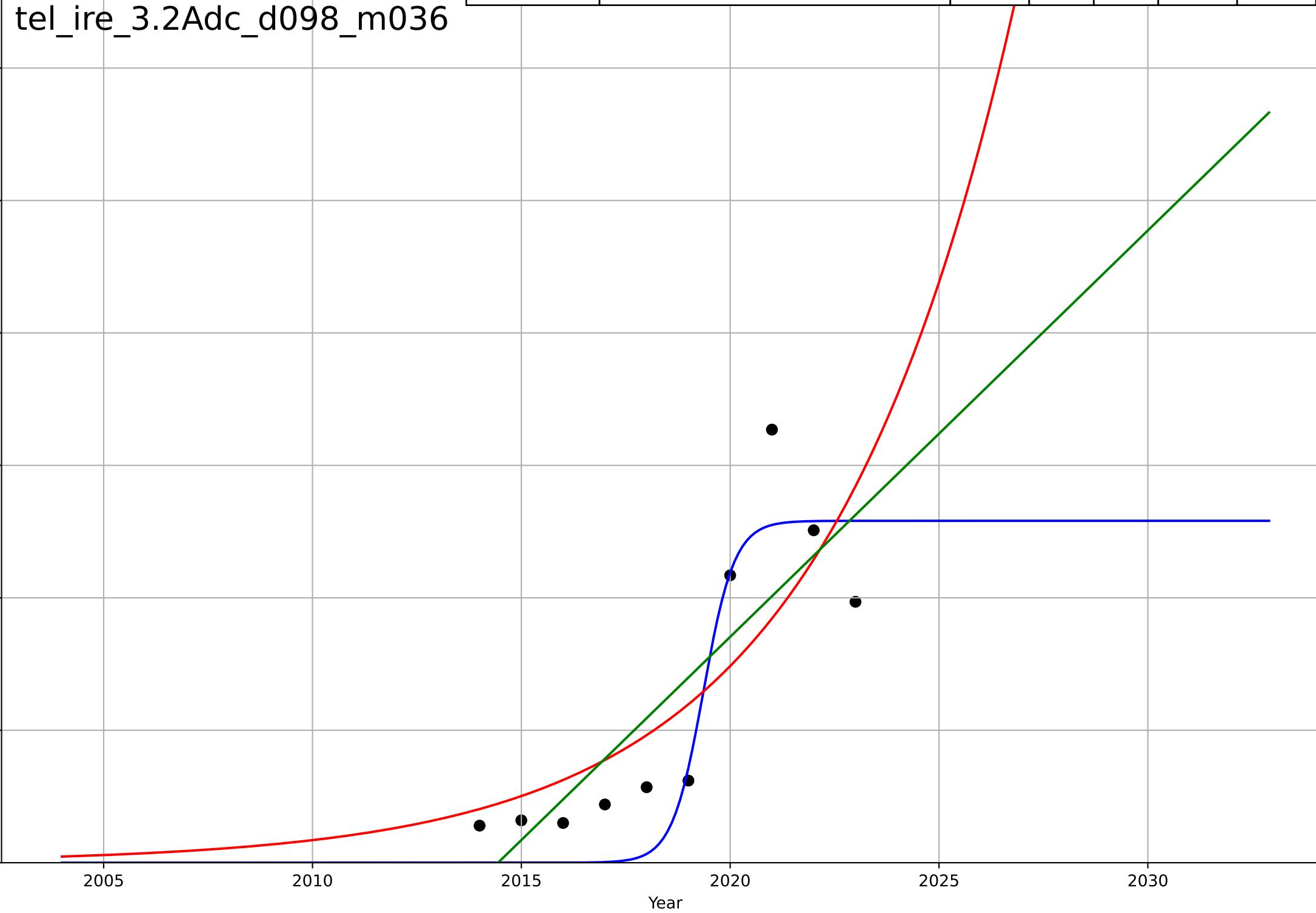
0.4

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teleworking

Ireland

### 3.2 Adopter characteristics

Male employees teleworking as a % of total male employment

% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2019, D_t=3.54, K=0.274$	1.24	0.855	0.782	0.0388	0.0346
Exponential	$0.45 \cdot \exp(0.213 \cdot (x-2025))$	0.213	0.723	0.644	0.0536	0.042
Linear	intercept=-61.8, slope=0.0307	0.0307	0.749	0.677	0.051	0.0435

tel\_ire\_3.2Adc\_d117\_m039

% male teleworkers of total male employment

2005

2010

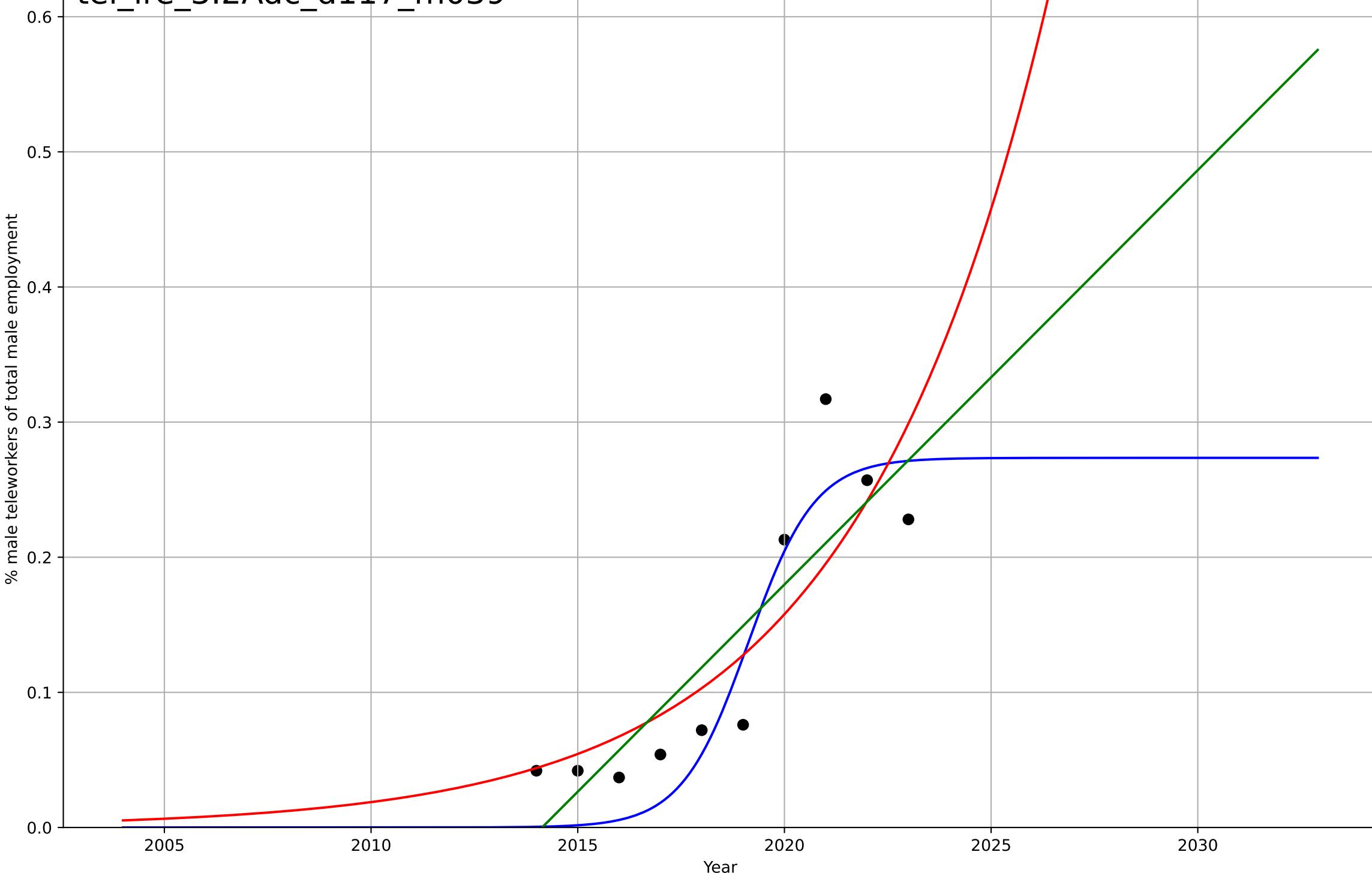
2015

2020

2025

2030

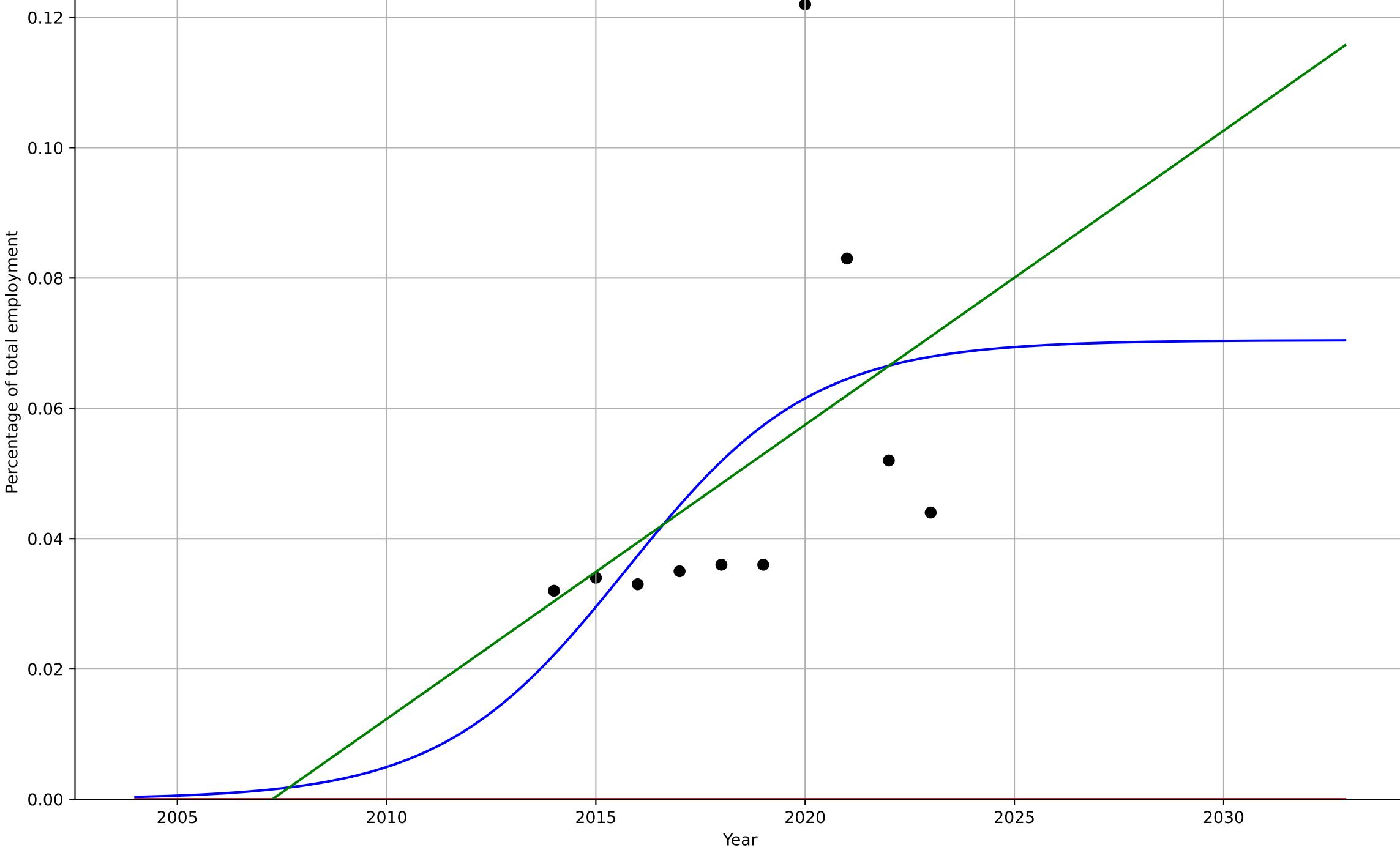
Year



teleworking  
 Italy  
 1.1 Adoption over time  
 Employed persons teleworking as a percentage  
 Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2016, Dt=9.73, K=0.0705	0.451	0.265	-0.103	0.0239	0.0184
Exponential	1.56e+03*exp(0.00142*(x-157497))	0.00142	-3.3	-4.53	0.0579	0.0507
Linear	intercept=-9.06, slope=0.00452	0.00452	0.216	-0.00827	0.0247	0.0174

tel\_ita\_1.1Ado\_d091\_m117



teleworking

Italy

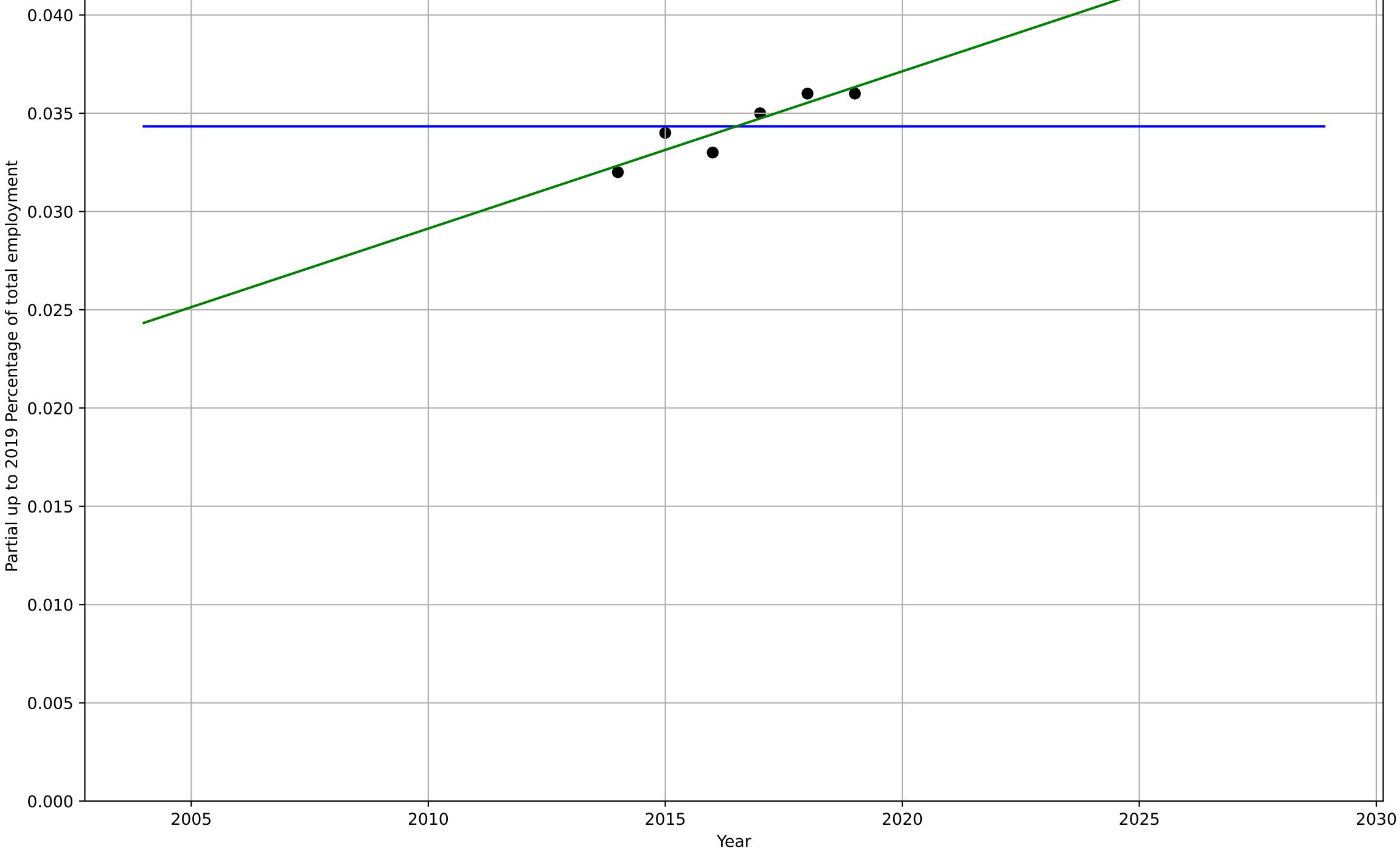
1.1 Adoption over time

Partial up to 2019 Employed persons teleworking

Partial up to 2019 Percentage of total employn

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2502, Dt=-68.7, K=0.0343	-0.0639	-1.6e-13	-1.5	0.00149	0.00133
Exponential	nan*exp(nan*(x-nan))	nan	nan	nan	nan	nan
Linear	intercept=-1.58, slope=0.0008	0.0008	0.84	0.733	0.000596	0.000533

tel\_ita\_1.1Ado\_d316\_m180



teleworking

Italy

### 3.2 Adopter characteristics

Female employees teleworking as a % of total female employees  
% female teleworkers of total female employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017$ , $D_t=7.9$ , $K=0.0804$	0.556	0.301	-0.049	0.0302	0.0234
Exponential	$1.56e+03 \cdot \exp(0.00157 \cdot (x-157503))$	0.00157	-2.22	-3.13	0.0647	0.0537
Linear	intercept=-12.4, slope=0.00619	0.00619	0.243	0.0263	0.0314	0.0226

tel\_ita\_3.2Adc\_d098\_m036

% female teleworkers of total female employment

2005

2010

2015

2020

2025

2030

Year

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0.00

0.02

0.04

0.06

0.08

0.10

0.12

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0.00

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0.04

0.06

0.08

0.10

0.12

0.14

teleworking

Italy

### 3.2 Adopter characteristics

Male employees teleworking as a % of total male  
% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2015, D_t=10.8, K=0.0624$	0.406	0.222	-0.168	0.0196	0.0146
Exponential	$1.56e+03 \cdot \exp(0.0013 \cdot (x-157493))$	0.0013	-4.75	-6.39	0.0531	0.0483
Linear	intercept=-6.47, slope=0.00323	0.00323	0.175	-0.0604	0.0201	0.0137

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% male teleworkers of total male employment

2005

2010

2015

2020

2025

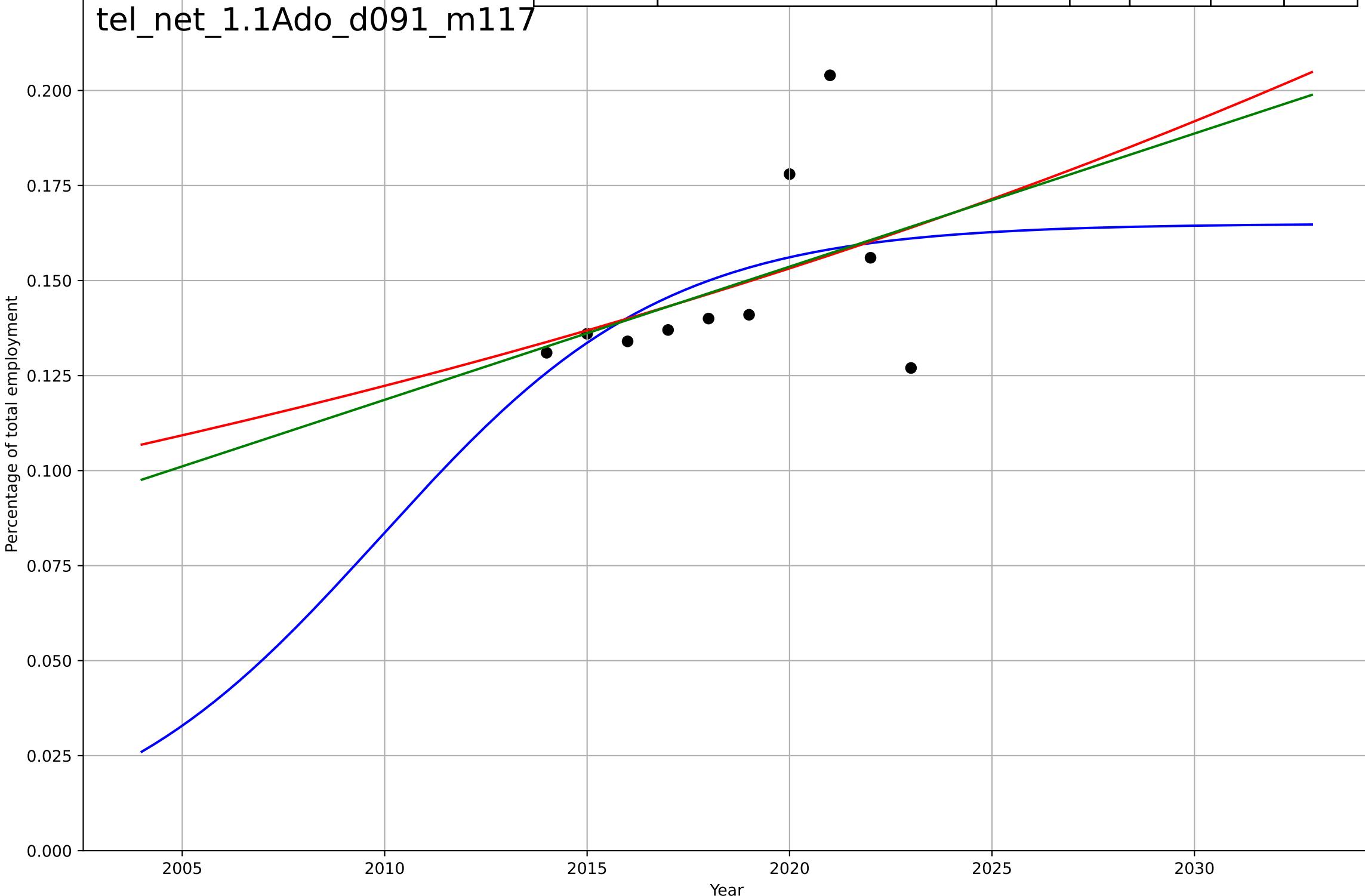
2030

Year

teleworking  
 The Netherlands  
 1.1 Adoption over time  
 Employed persons teleworking as a percentage  
 Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=15.5, K=0.165	0.284	0.232	-0.152	0.0204	0.015
Exponential	0.000463*exp(0.0225*(x-1762))	0.0225	0.179	-0.0557	0.0211	0.0144
Linear	intercept=-6.92, slope=0.0035	0.0035	0.187	-0.0448	0.021	0.0142

tel\_net\_1.1Ado\_d091\_m117



teleworking

The Netherlands

1.1 Adoption over time

Partial up to 2019 Employed persons teleworki

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2428, D_t=-10.4, K=0.136$	-0.422	-5.87e-13	-1.5	0.0034	0.00283
Exponential	$1.56e+03 \cdot \exp(0.00116 \cdot (x-157480))$	0.00116	-1.61e+03	-2.68e+03	0.137	0.137
Linear	intercept=-3.61, slope=0.00186	0.00186	0.868	0.781	0.00123	0.001

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Partial up to 2019 Percentage of total employment

2005

2010

2015

2020

2025

2030

Year

teleworking  
 The Netherlands  
 3.2 Adopter characteristics  
 Female employees teleworking as a % of total female employees  
 % female teleworkers of total female employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2012, D_t=18.5, K=0.172$	0.237	0.371	0.0567	0.0225	0.0163
Exponential	$1.41e-05 \cdot \exp(0.0403 \cdot (x-1791))$	0.0403	0.329	0.137	0.0233	0.0156
Linear	intercept=-11.6, slope=0.00579	0.00579	0.343	0.155	0.023	0.0156

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% female teleworkers of total female employment

2005

2010

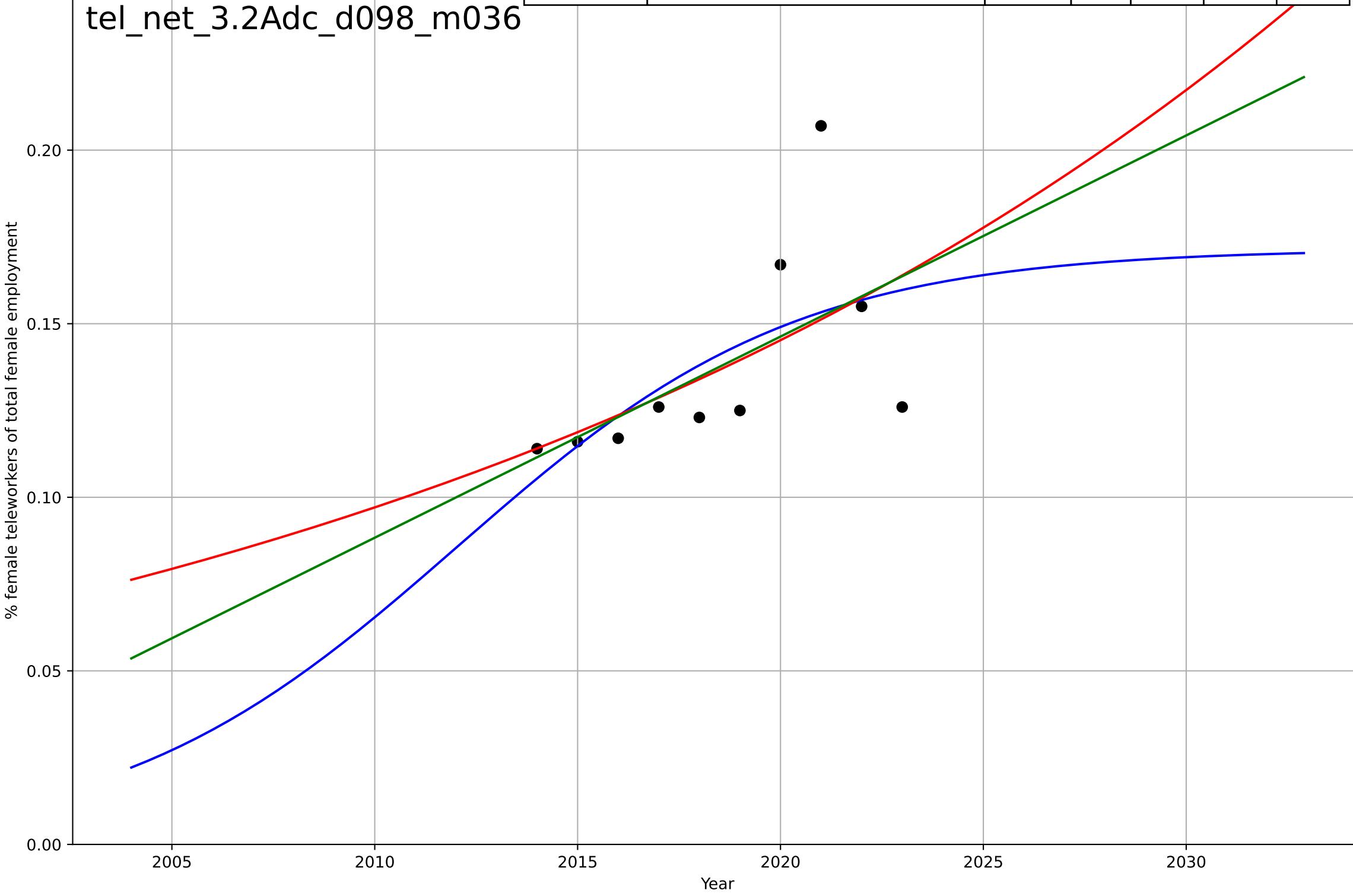
2015

2020

2025

2030

Year



teleworking

The Netherlands

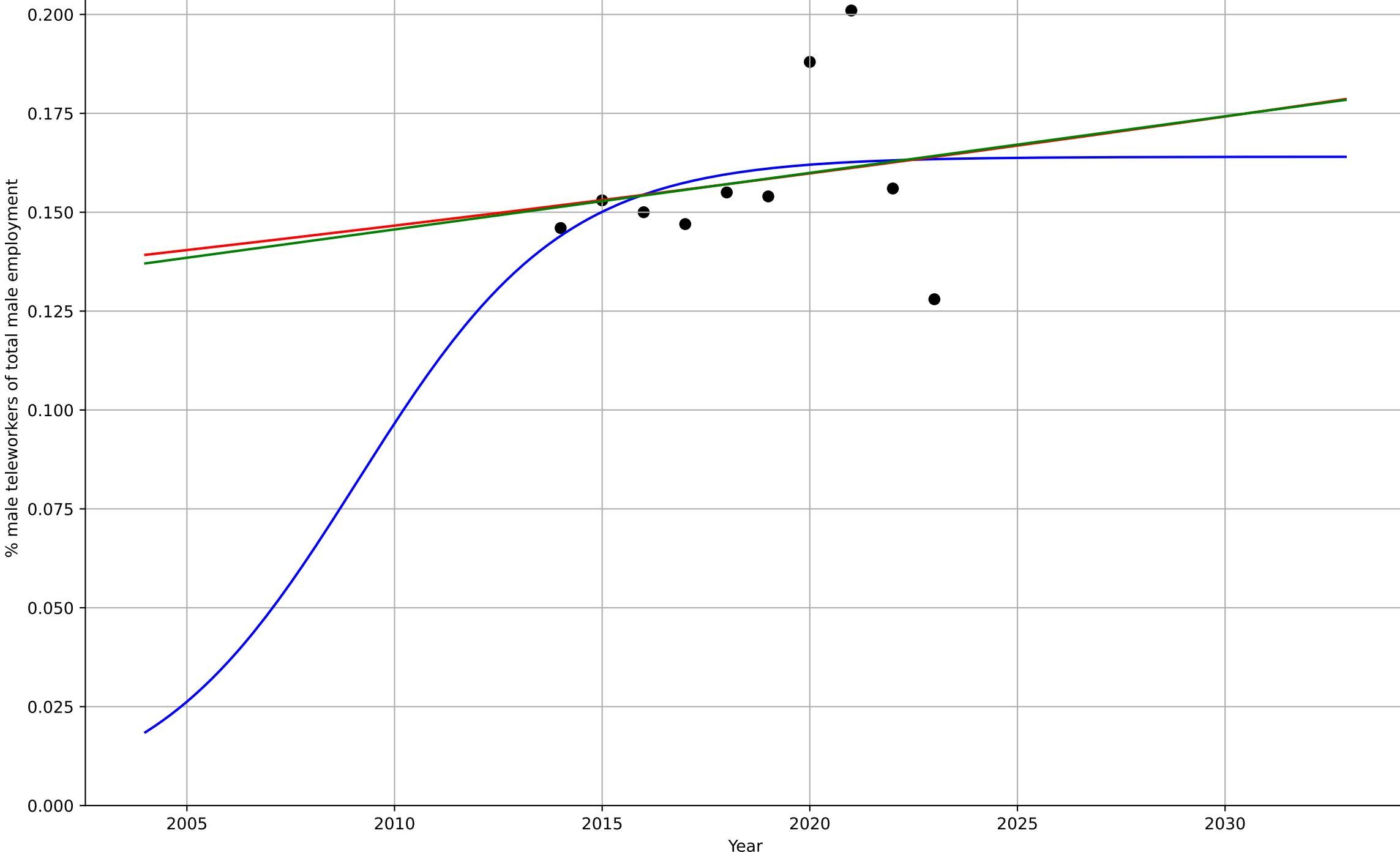
3.2 Adopter characteristics

Male employees teleworking as a % of total male employment

% male teleworkers of total male employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2009, Dt=10.9, K=0.164	0.404	0.0917	-0.362	0.0191	0.0138
Exponential	1.56*exp(0.00862*(x-2285))	0.00862	0.0398	-0.235	0.0197	0.0136
Linear	intercept=-2.73, slope=0.00143	0.00143	0.0419	-0.232	0.0197	0.0136

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teleworking

US

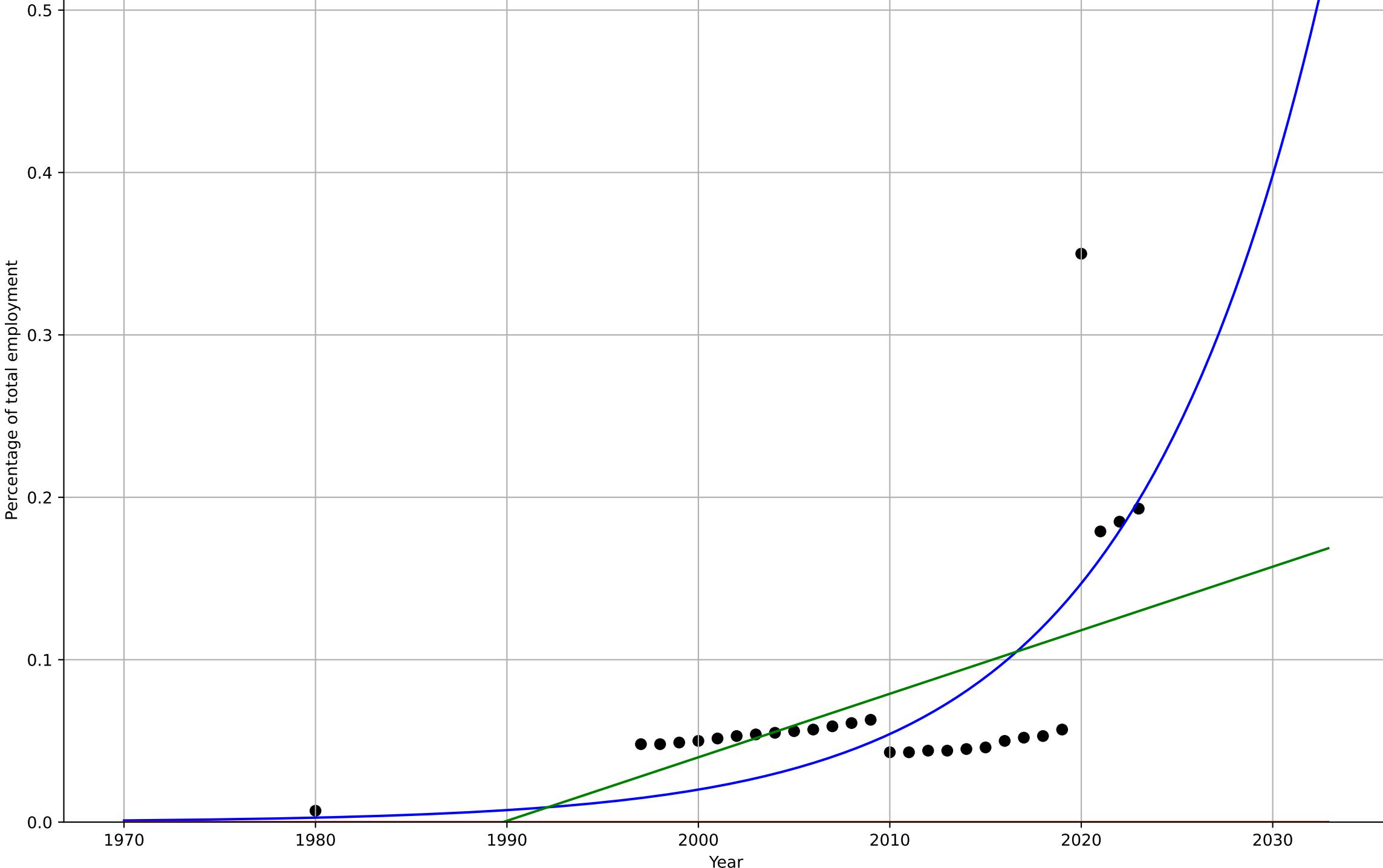
1.1 Adoption over time

Employed persons teleworking as a percentage

Percentage of total employment

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2130, Dt=44.1, K=8.73e+03	0.0997	0.455	0.387	0.0504	0.0347
Exponential	1.56e+03*exp(0.00137*(x-157475))	0.00137	-1.2	-1.38	0.101	0.0748
Linear	intercept=-7.78, slope=0.00391	0.00391	0.293	0.237	0.0574	0.0379

tel\_usa\_1.1Ado\_d091\_m117



teleworking

US

1.1 Adoption over time

Partial up to 2019 Employed persons teleworking

Partial up to 2019 Percentage of total employm

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1987, D_t=15.1, K=0.0518$	0.291	0.722	0.68	0.00553	0.00442
Exponential	$4.16e-05 \cdot \exp(0.0109 \cdot (x-1356))$	0.0109	0.22	0.146	0.00925	0.00748
Linear	intercept=-1.23, slope=0.000637	0.000637	0.272	0.202	0.00894	0.00771

tel\_usa\_1.1Ado\_d316\_m180

Partial up to 2019 Percentage of total employment

1970

1980

1990

2000

2010

2020

2030

Year

textile recycling

US

1.1 Adoption over time

Recycled textiles as a share of textiles generated  
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1982, D_t=33.3, K=0.156$	0.132	0.988	0.981	0.0048	0.00372
Exponential	$2.01e-07 \cdot \exp(0.02 \cdot (x-1338))$	0.02	0.777	0.703	0.0207	0.0188
Linear	intercept=-4.95, slope=0.00253	0.00253	0.873	0.831	0.0156	0.0146

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