Active mobility
Amsterdam
1.1
Bike ownership
%
Adoption over time
act_ams_1.1Ado_d064_m025
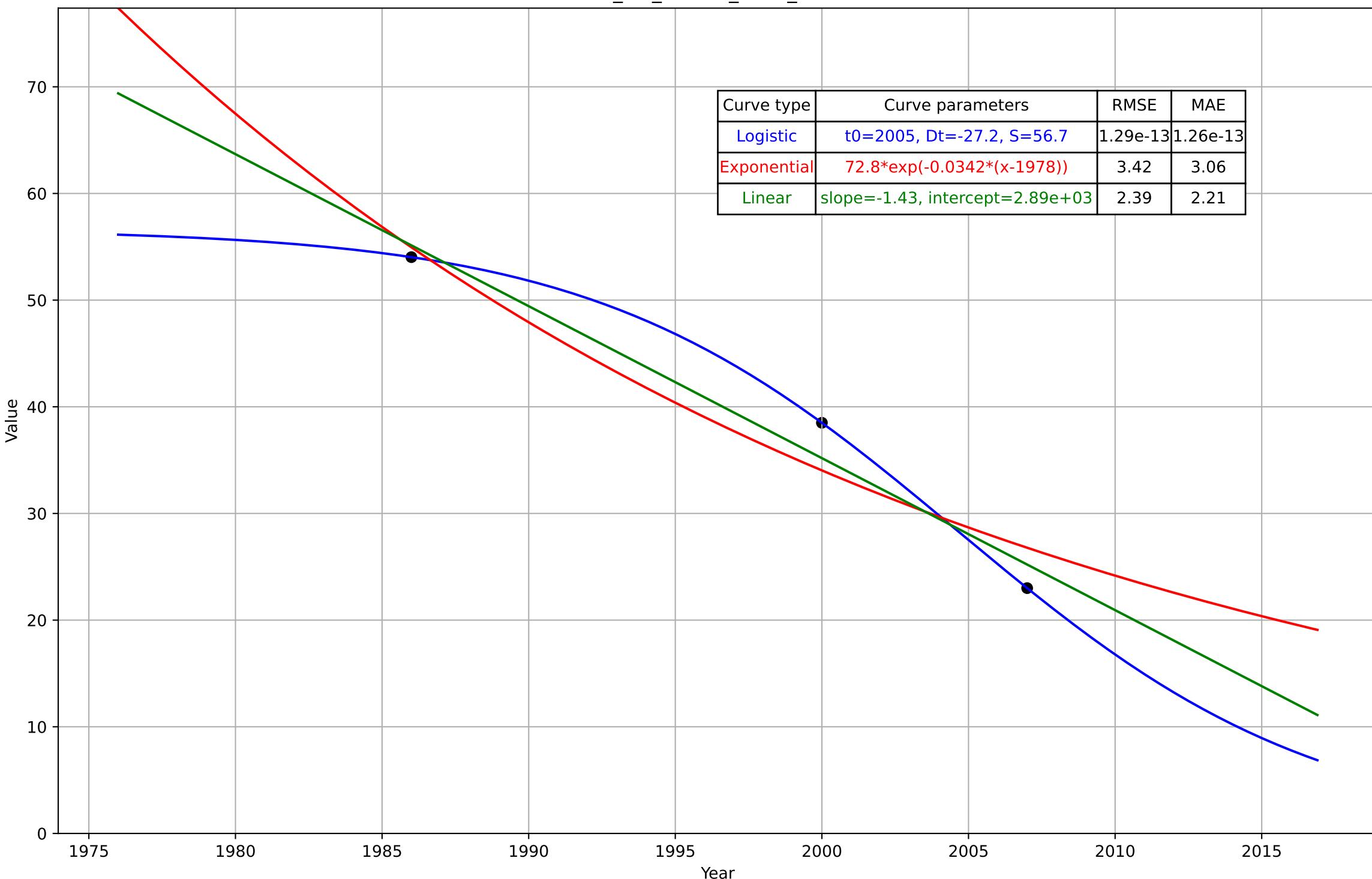
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1964, Dt=61, S=75.5	1.5	1.25
Exponential	12.3*exp(0.00548*(x-1685))	1.81	1.77
Linear	slope=0.385, intercept=-701	1.76	1.72

Active mobility
Amsterdam
1.1
Modal share of all trips by residents (bike)
% trips by bike
Adoption over time
act_ams_1.1Ado_d126_m084

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=-1644, Dt=-1.86e+03, S=1.32e+05	3.04	2.74
Exponential	28.4*exp(-0.00236*(x-1931))	3.04	2.74
Linear	slope=-0.0563, intercept=137	3.07	2.78

Value

Year

# Active mobility
Amsterdam
1.1
Modal share of all trips by residents (walk)
% trips by walking
Adoption over time
act_ams_1.1Ado_d127_m085

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=46, Dt=-1.04e+03, S=9.02e+04	6.04	4.57
Exponential	44.2*exp(-0.00422*(x-1852))	6.04	4.57
Linear	slope=-0.109, intercept=241	6.07	4.58
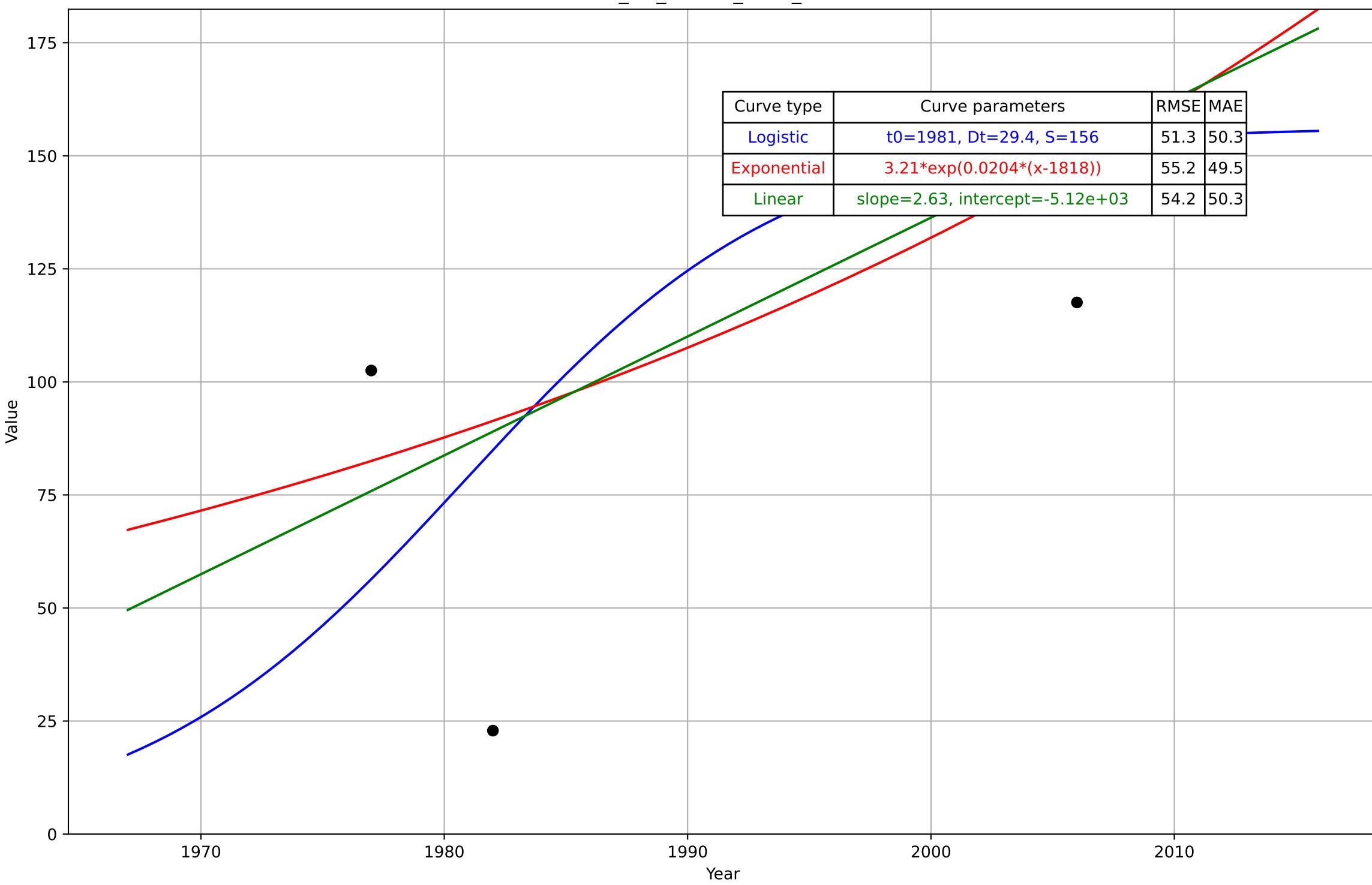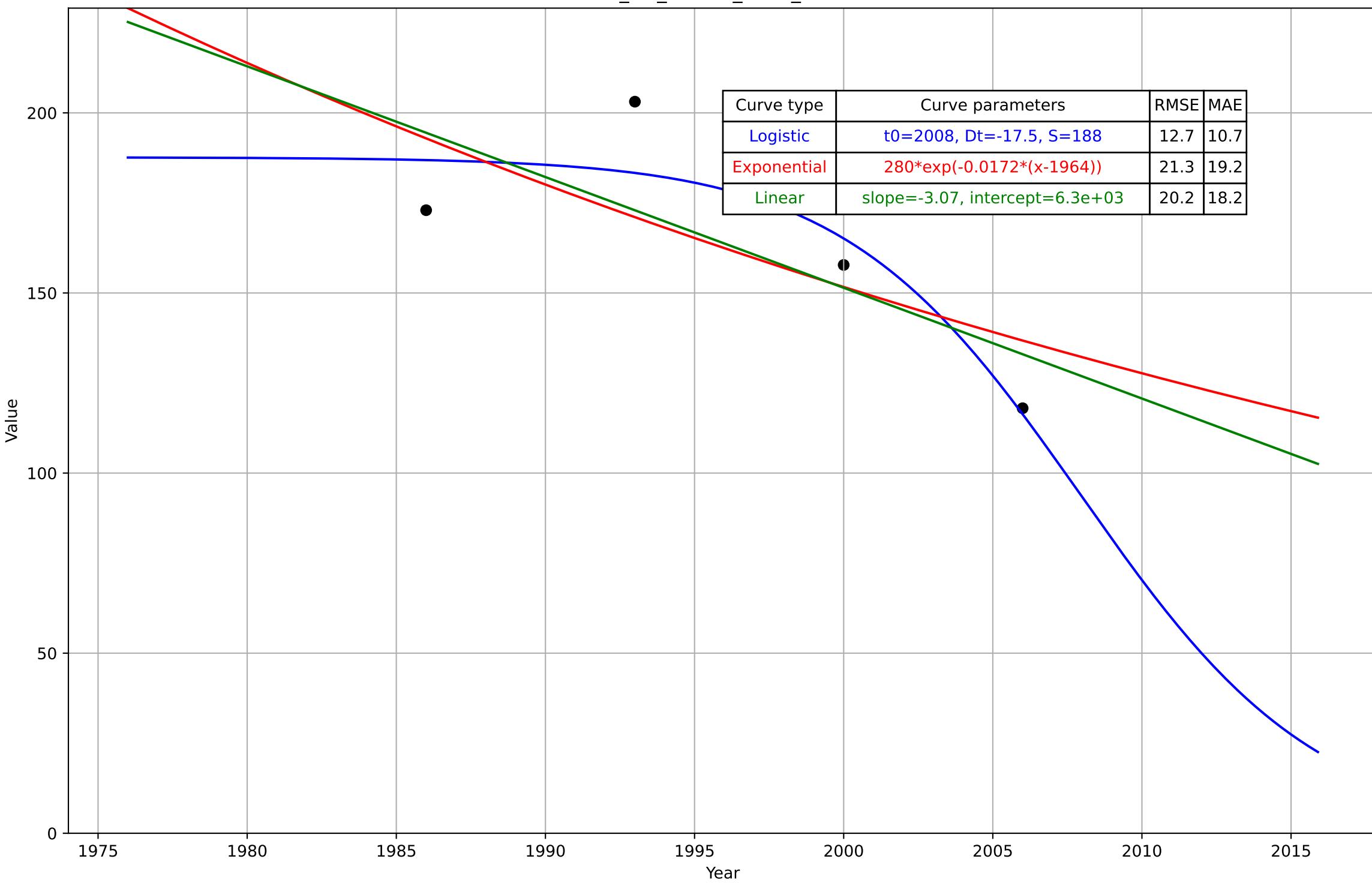
Active mobility
Beijing
1.1
Bicycle modal share
%
Adoption over time
act_bei_1.1Ado_d061_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=-27.2, S=56.7	1.29e-13	1.26e-13
Exponential	72.8*exp(-0.0342*(x-1978))	3.42	3.06
Linear	slope=-1.43, intercept=2.89e+03	2.39	2.21
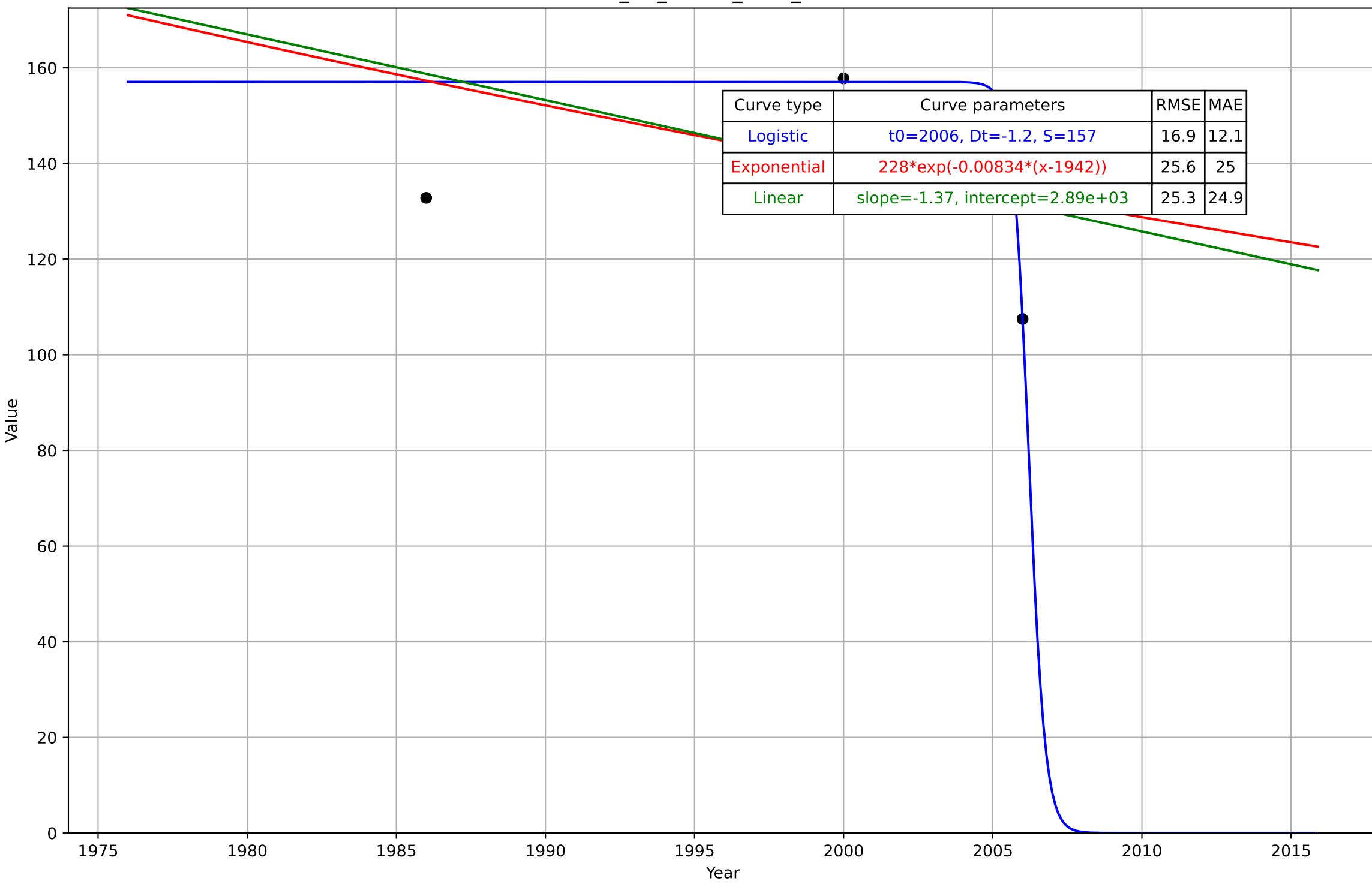
Active mobility
China
1.1
Bicycle ownership
bikes per hundred households
Adoption over time
act_chi_1.1Ado_d062_m002
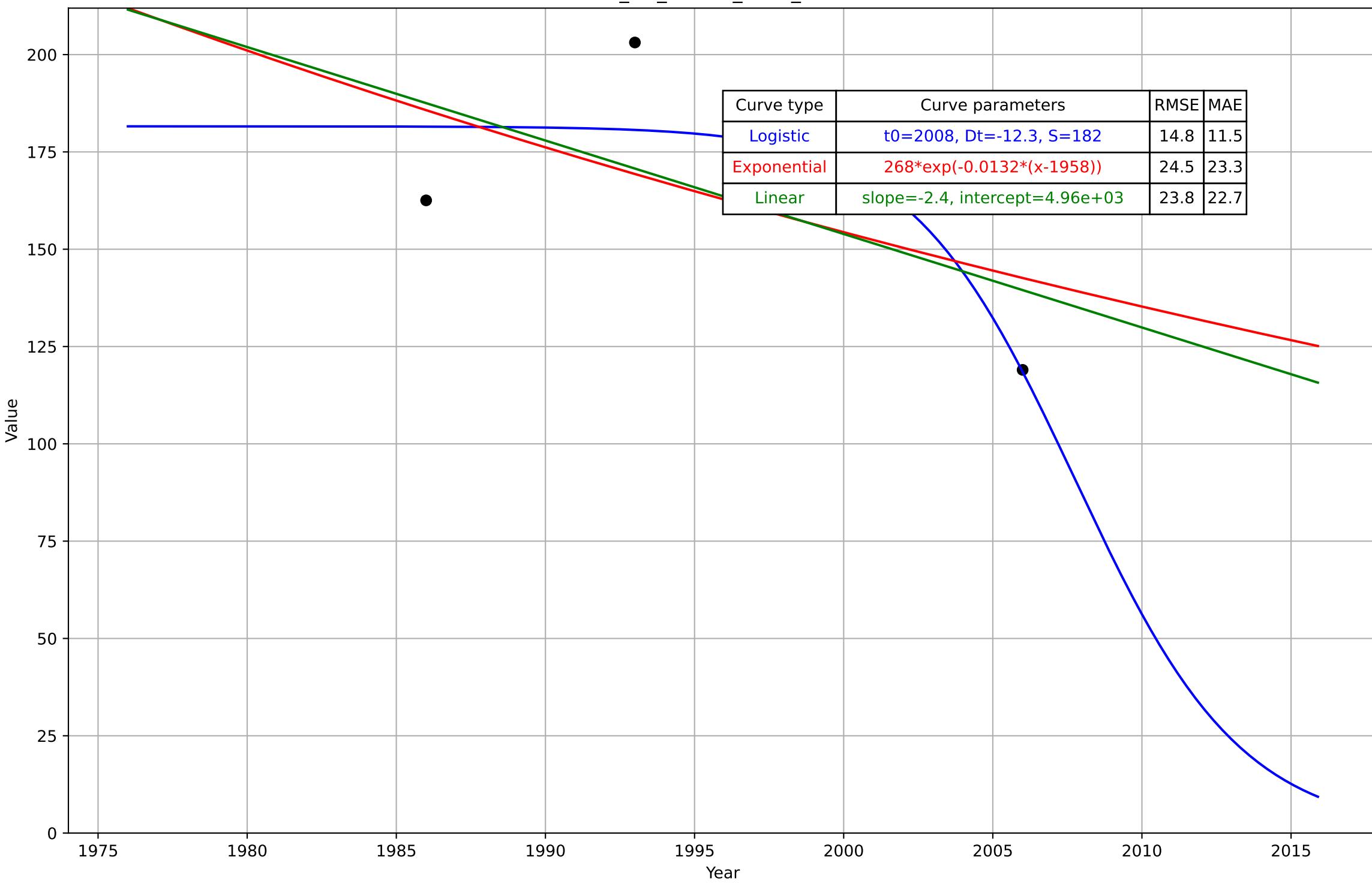
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1981, Dt=29.4, S=156	51.3	50.3
Exponential	3.21*exp(0.0204*(x-1818))	55.2	49.5
Linear	slope=2.63, intercept=-5.12e+03	54.2	50.3

Active mobility
China
3.2
Bicycle ownership among income groups
bikes per hundred households (highest 10% income)
Adopter characteristics
act_chi_3.2Adc_d063_m003
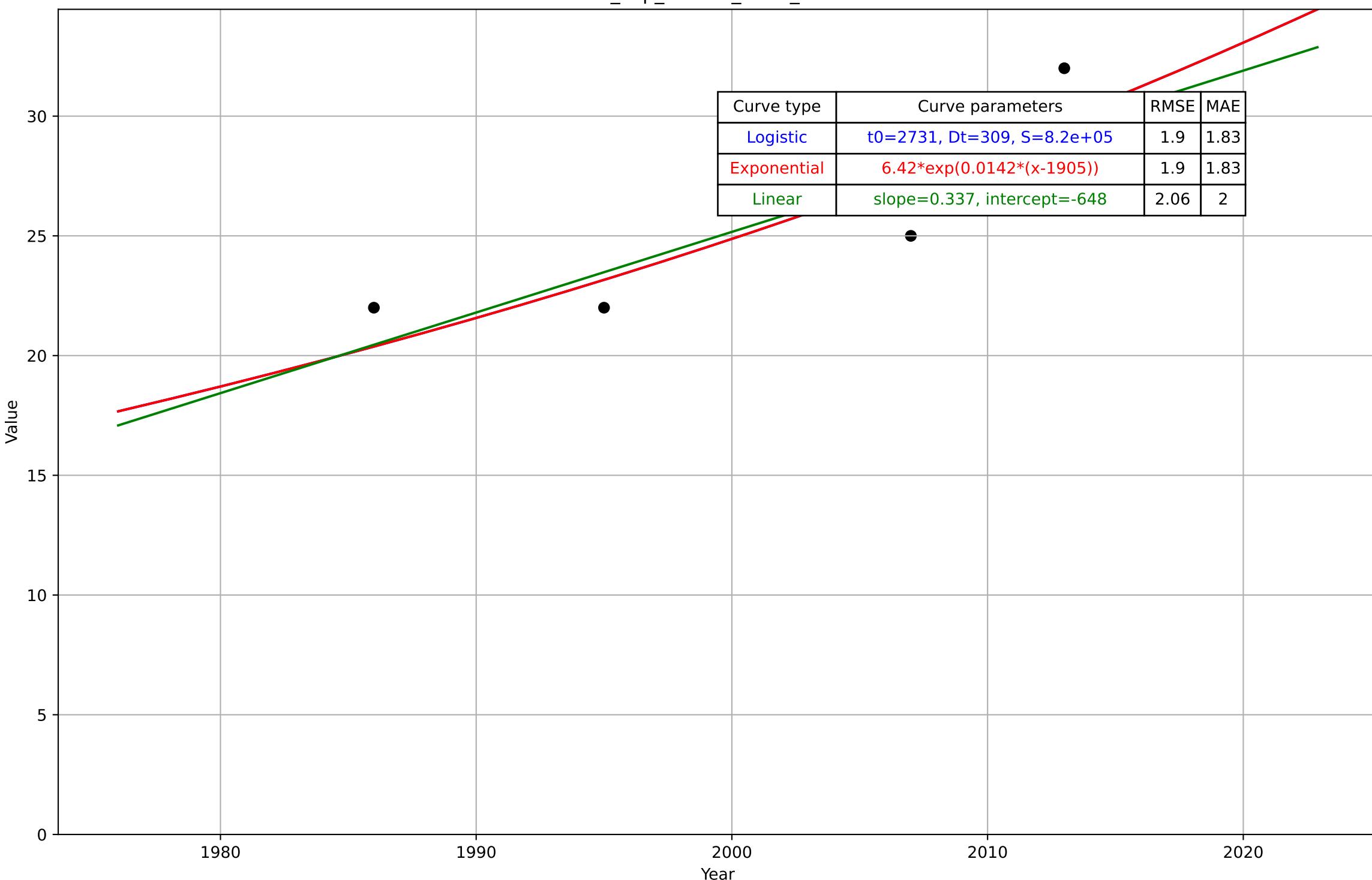
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=-17.5, S=188	12.7	10.7
Exponential	280*exp(-0.0172*(x-1964))	21.3	19.2
Linear	slope=-3.07, intercept=6.3e+03	20.2	18.2

Active mobility
## China
3.2
Bicycle ownership among income groups
bikes per hundred households (lowest 10% income)
Adopter characteristics
act_chi_3.2Adc_d063_m004
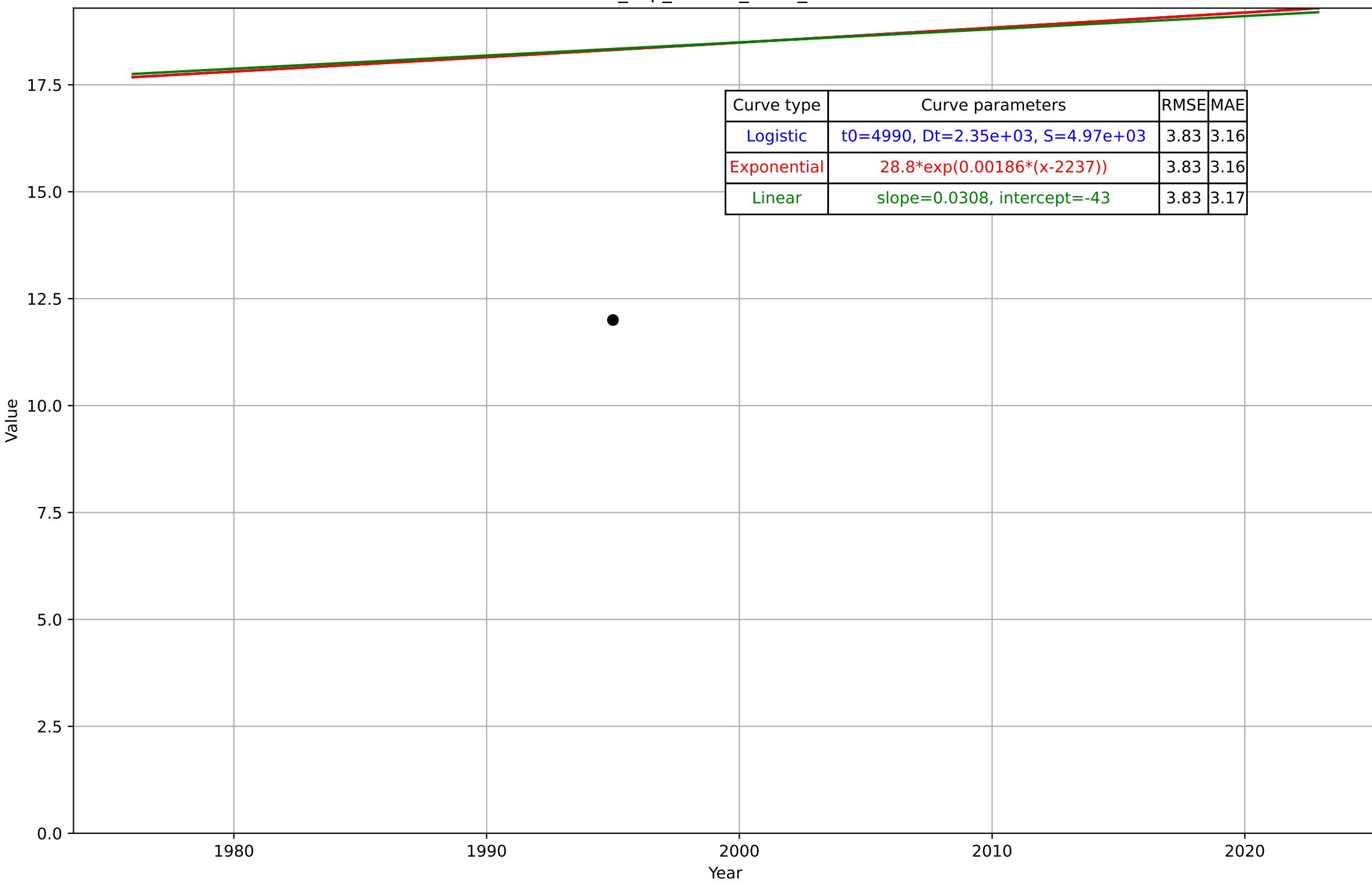
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=-1.2, S=157	16.9	12.1
Exponential	228*exp(-0.00834*(x-1942))	25.6	25
Linear	slope=-1.37, intercept=2.89e+03	25.3	24.9

Active mobility
China
## 3.2
Bicycle ownership among income groups
bikes per hundred households (middle income groups)
Adopter characteristics
act_chi_3.2Adc_d063_m005
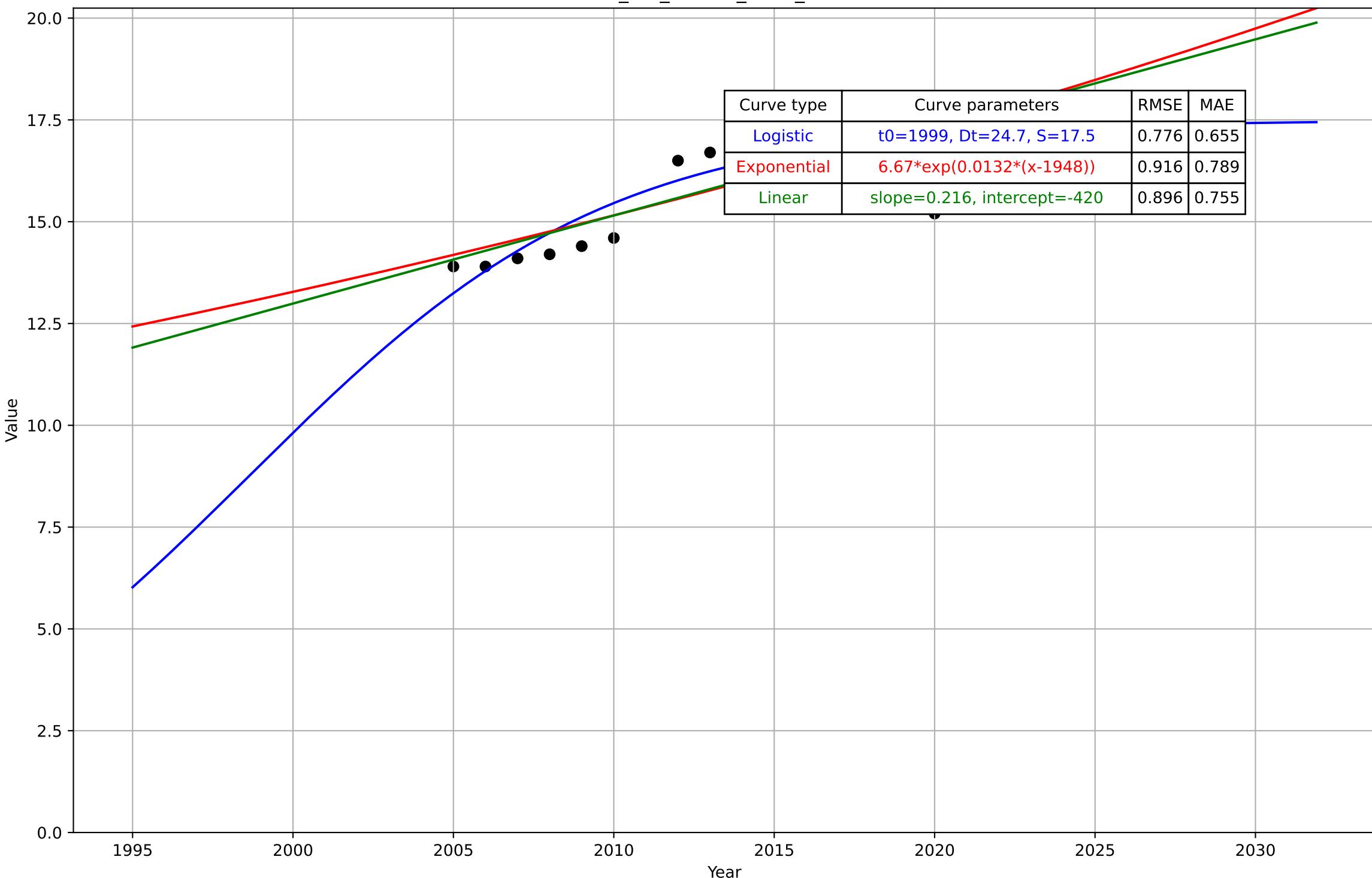
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=-12.3, S=182	14.8	11.5
Exponential	268*exp(-0.0132*(x-1958))	24.5	23.3
Linear	slope=-2.4, intercept=4.96e+03	23.8	22.7

Active mobility
Copenhagen
1.1
Modal share of all trips by residents (bike)
% trips by bike
Adoption over time
act_cop_1.1Ado_d126_m084

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2731, Dt=309, S=8.2e+05	1.9	1.83
Exponential	6.42*exp(0.0142*(x-1905))	1.9	1.83
Linear	slope=0.337, intercept=-648	2.06	2

Value

Year

# Active mobility
Copenhagen
1.1
Modal share of all trips by residents (walk)
% trips by walking
Adoption over time
act_cop_1.1Ado_d127_m085

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=4990, Dt=2.35e+03, S=4.97e+03	3.83	3.16
Exponential	28.8*exp(0.00186*(x-2237))	3.83	3.16
Linear	slope=0.0308, intercept=-43	3.83	3.17
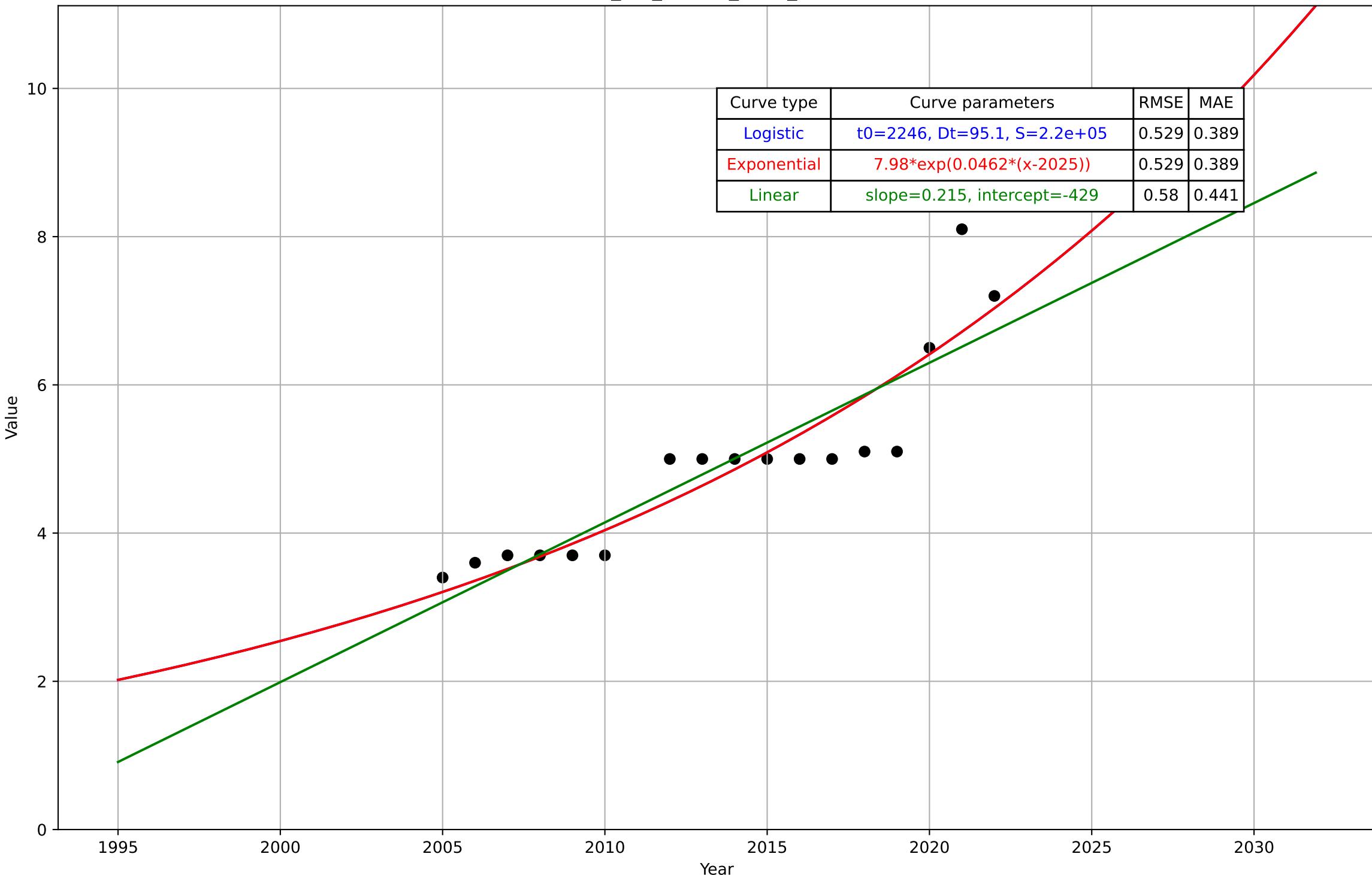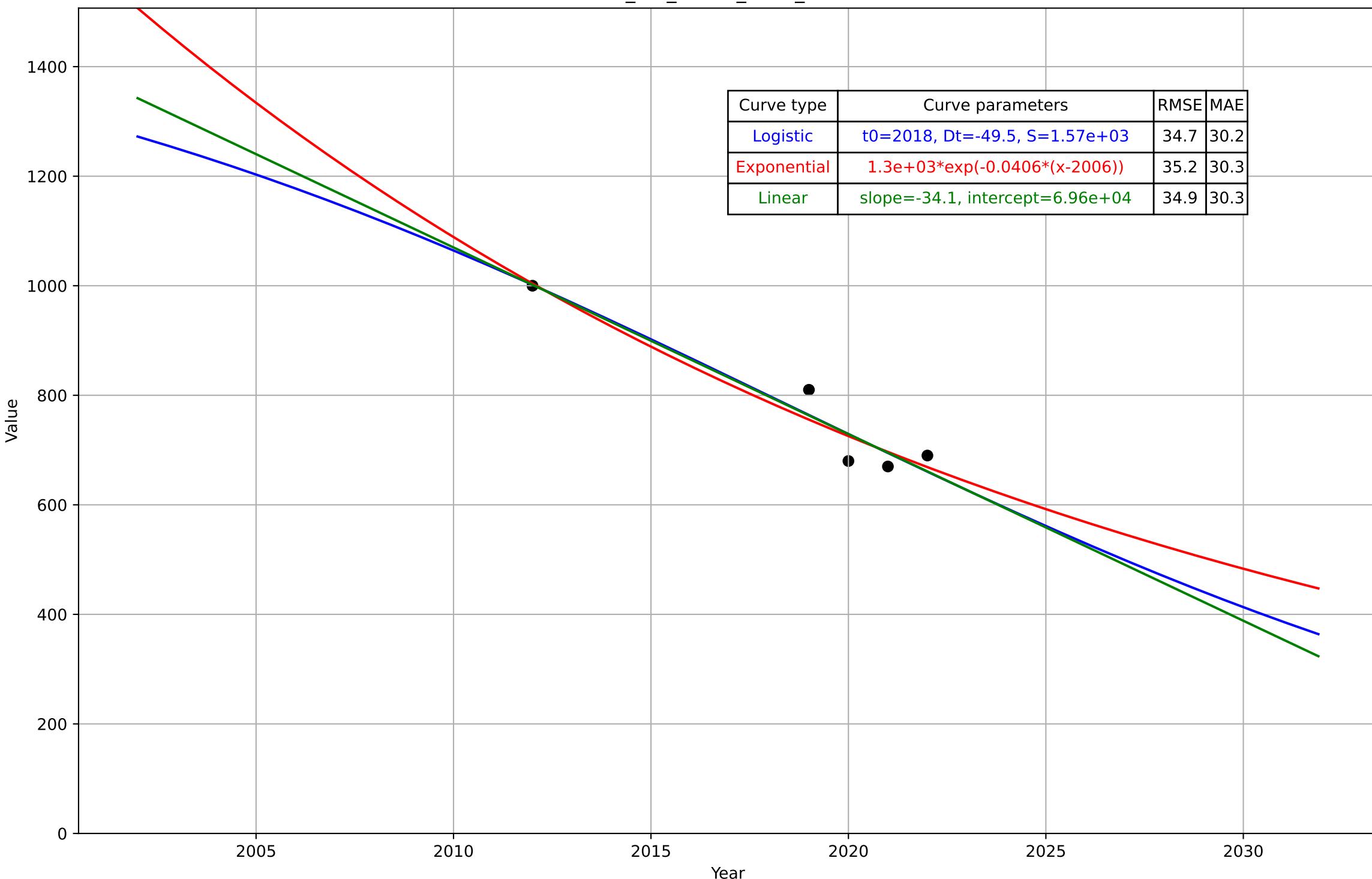
Active mobility
The Netherlands
1.1
Passenger kilometres travelled by bike
Billion p.km
Adoption over time
act_net_1.1Ado_d164_m094

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1999, Dt=24.7, S=17.5	0.776	0.655
Exponential	6.67*exp(0.0132*(x-1948))	0.916	0.789
Linear	slope=0.216, intercept=-420	0.896	0.755
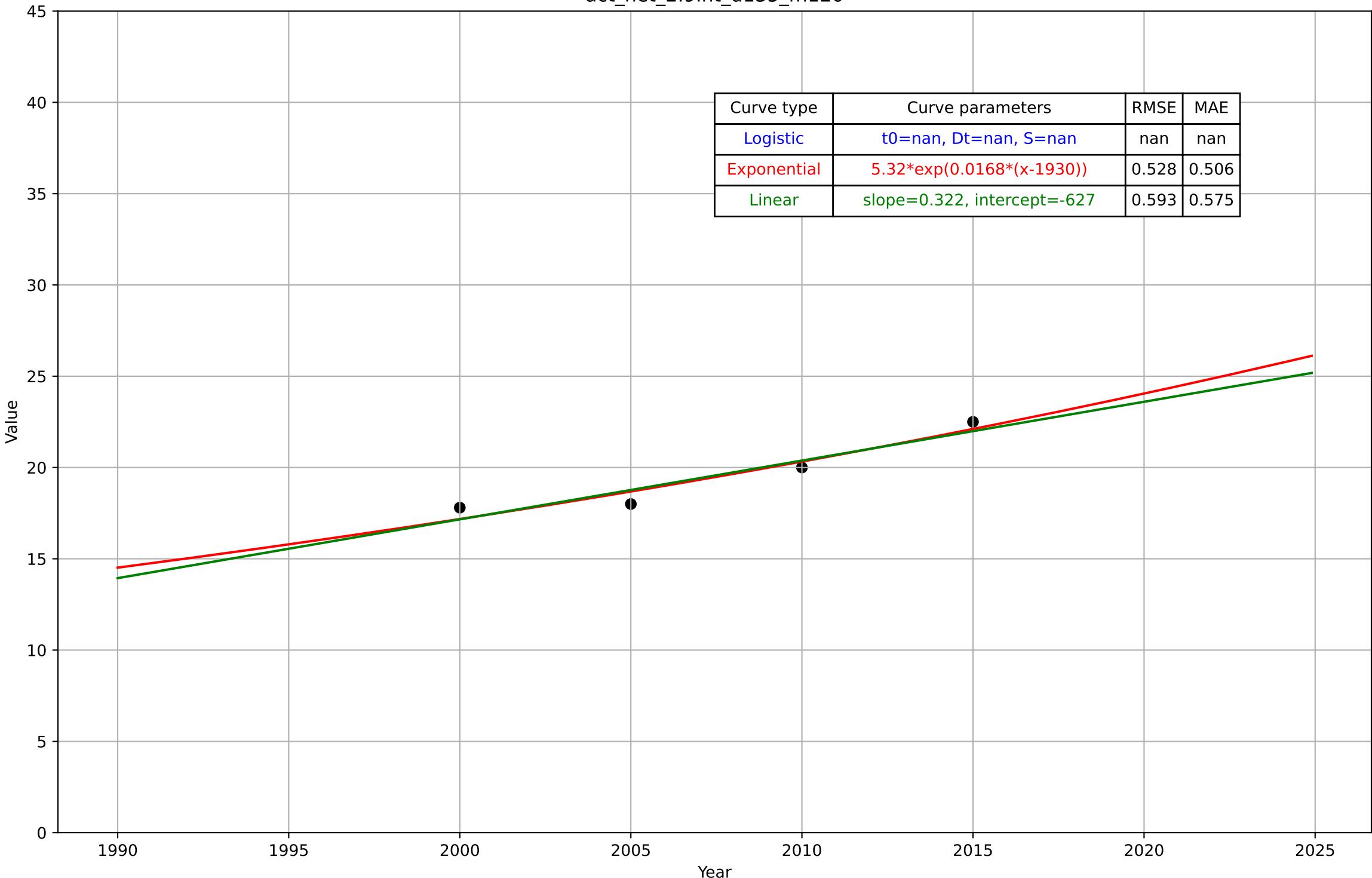
Active mobility
The Netherlands
1.1
Passenger kilometres travelled by foot
Billion p.km
Adoption over time
act_net_1.1Ado_d165_m094

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2246, Dt=95.1, S=2.2e+05	0.529	0.389
Exponential	7.98*exp(0.0462*(x-2025))	0.529	0.389
Linear	slope=0.215, intercept=-429	0.58	0.441
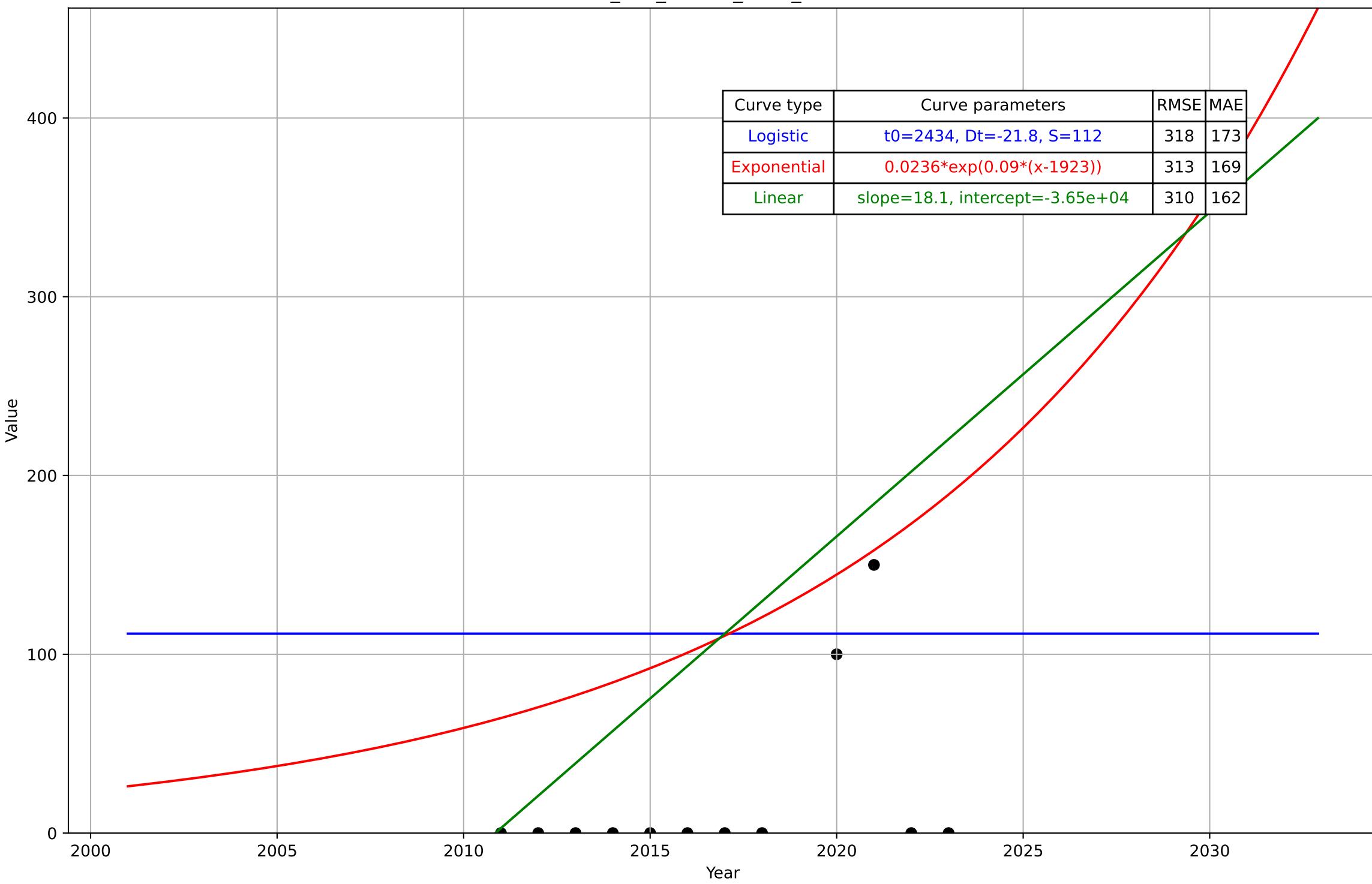
Active mobility
The Netherlands
2.3
Development of cycling distance per person
km
Relative Advantage (Co-benefits)
act_net_2.3Rel_d076_m117

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=-49.5, S=1.57e+03	34.7	30.2
Exponential	1.3e+03*exp(-0.0406*(x-2006))	35.2	30.3
Linear	slope=-34.1, intercept=6.96e+04	34.9	30.3
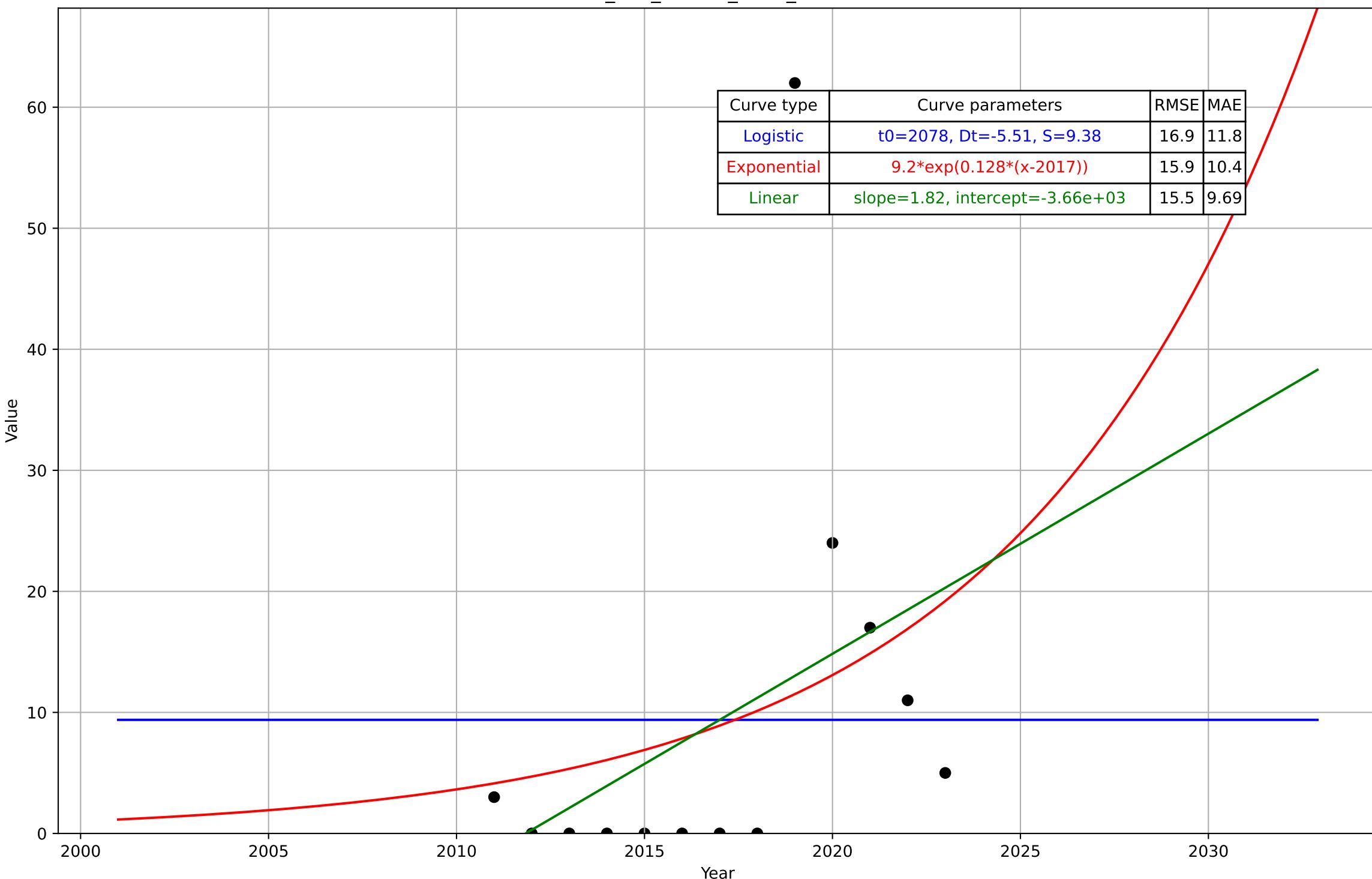
Active mobility
The Netherlands
2.9
Number of bicycles
million
Interdependence with hardware
act_net_2.9Int_d135_m120

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	5.32*exp(0.0168*(x-1930))	0.528	0.506
Linear	slope=0.322, intercept=-627	0.593	0.575
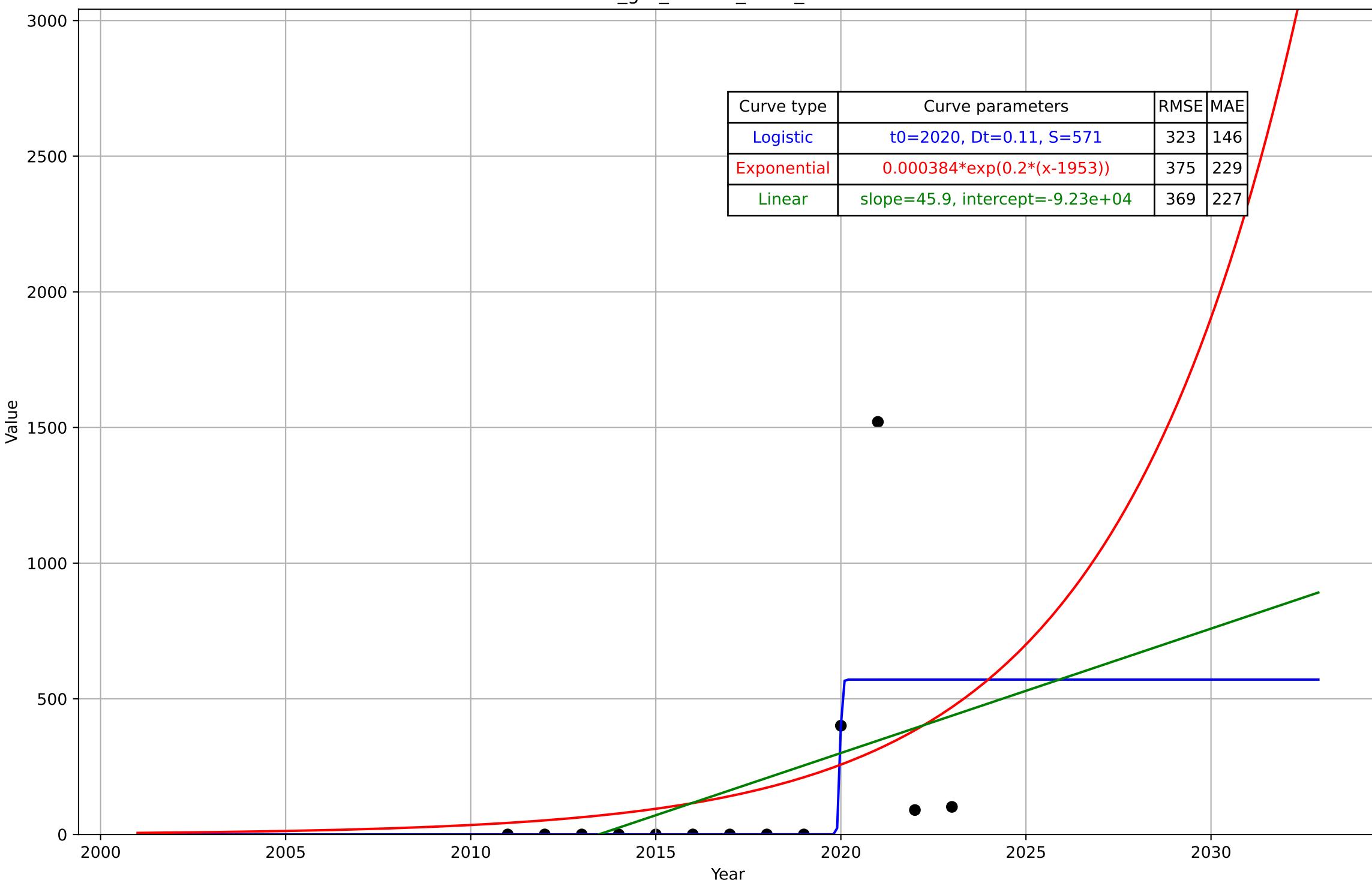
Climate protest
## Bangladesh
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_ban_1.1Ado_d073_m016

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2434, Dt=-21.8, S=112	318	173
Exponential	0.0236*exp(0.09*(x-1923))	313	169
Linear	slope=18.1, intercept=-3.65e+04	310	162
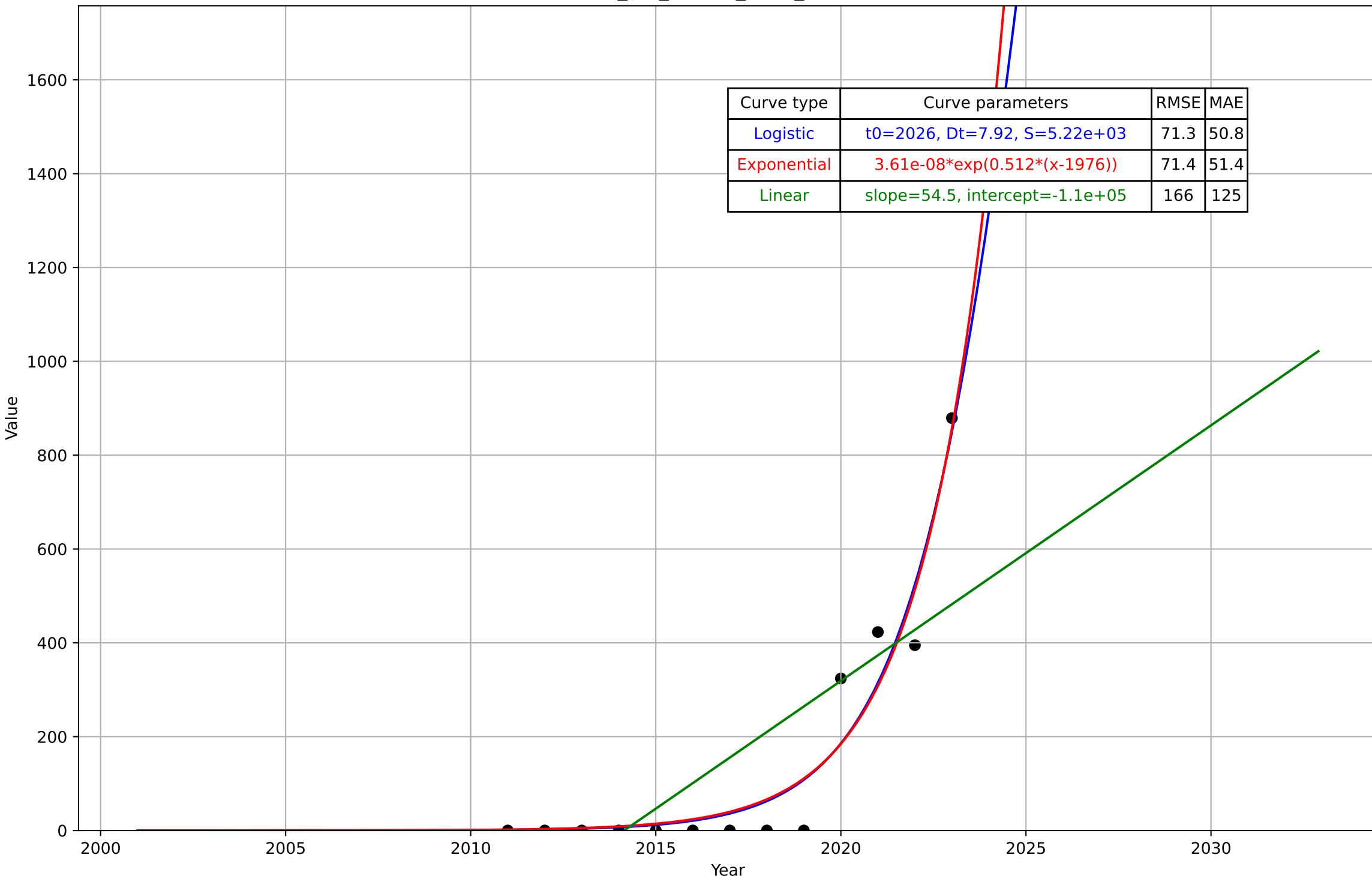
Climate protest
Bangladesh
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_ban_1.1Ado_d074_m018

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2078, Dt=-5.51, S=9.38	16.9	11.8
Exponential	9.2*exp(0.128*(x-2017))	15.9	10.4
Linear	slope=1.82, intercept=-3.66e+03	15.5	9.69

Climate protest
Germany
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_ger_1.1Ado_d073_m016

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=0.11, S=571	323	146
Exponential	0.000384*exp(0.2*(x-1953))	375	229
Linear	slope=45.9, intercept=-9.23e+04	369	227

Climate protest
Germany
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_ger_1.1Ado_d074_m018

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2026, Dt=7.92, S=5.22e+03	71.3	50.8
Exponential	3.61e-08*exp(0.512*(x-1976))	71.4	51.4
Linear	slope=54.5, intercept=-1.1e+05	166	125

Value

Year

Climate protest
Global
1.1
Count of participants at protest events related to climate
people (estimated)
## Adoption over Time
cli_glo_1.1Ado_d073_m016
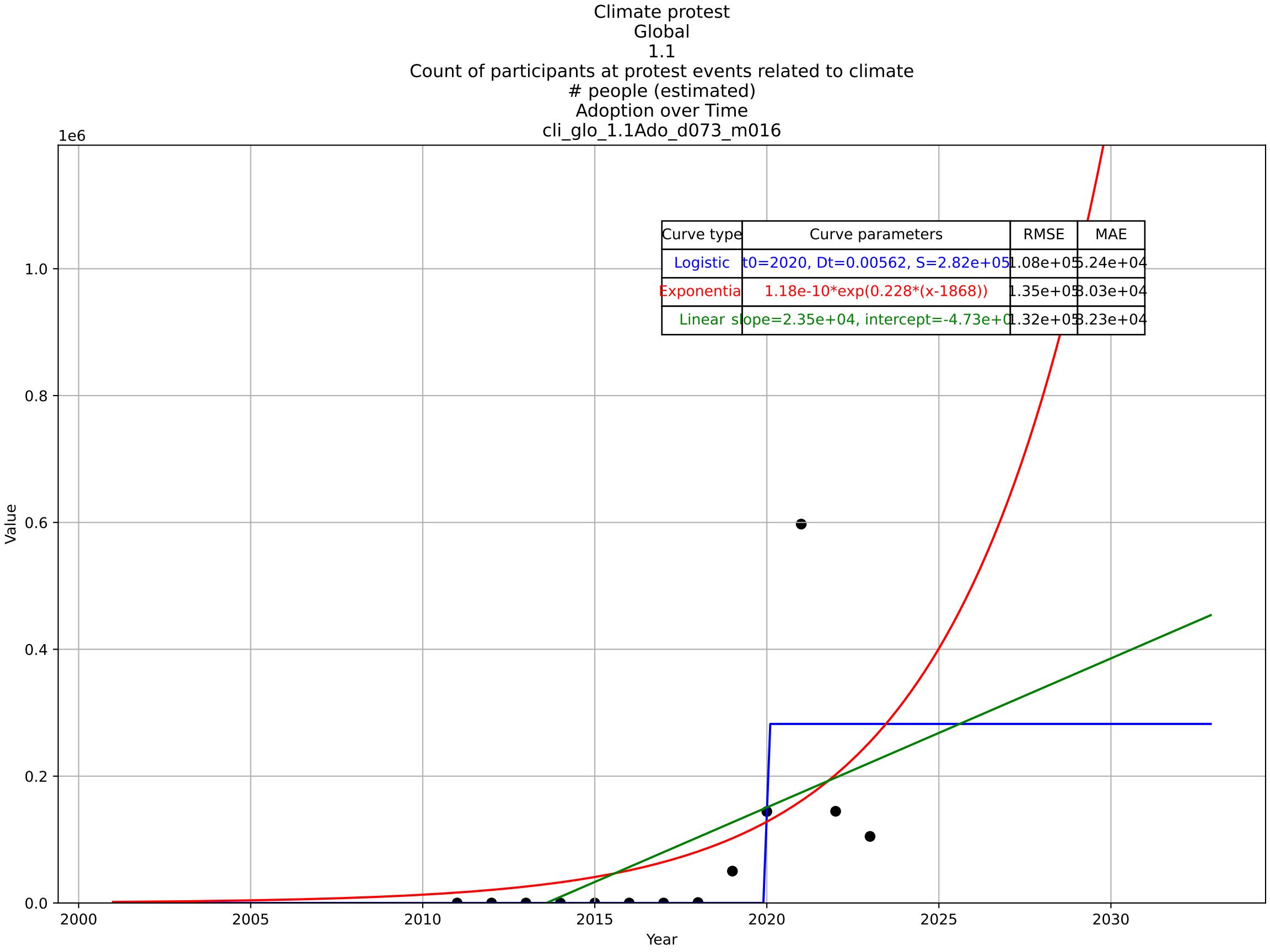
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=0.00562, S=2.82e+05	1.08e+05	5.24e+04
Exponential	1.18e-10*exp(0.228*(x-1868))	1.35e+05	3.03e+04
Linear	slope=2.35e+04, intercept=-4.73e+01	1.32e+05	3.23e+04
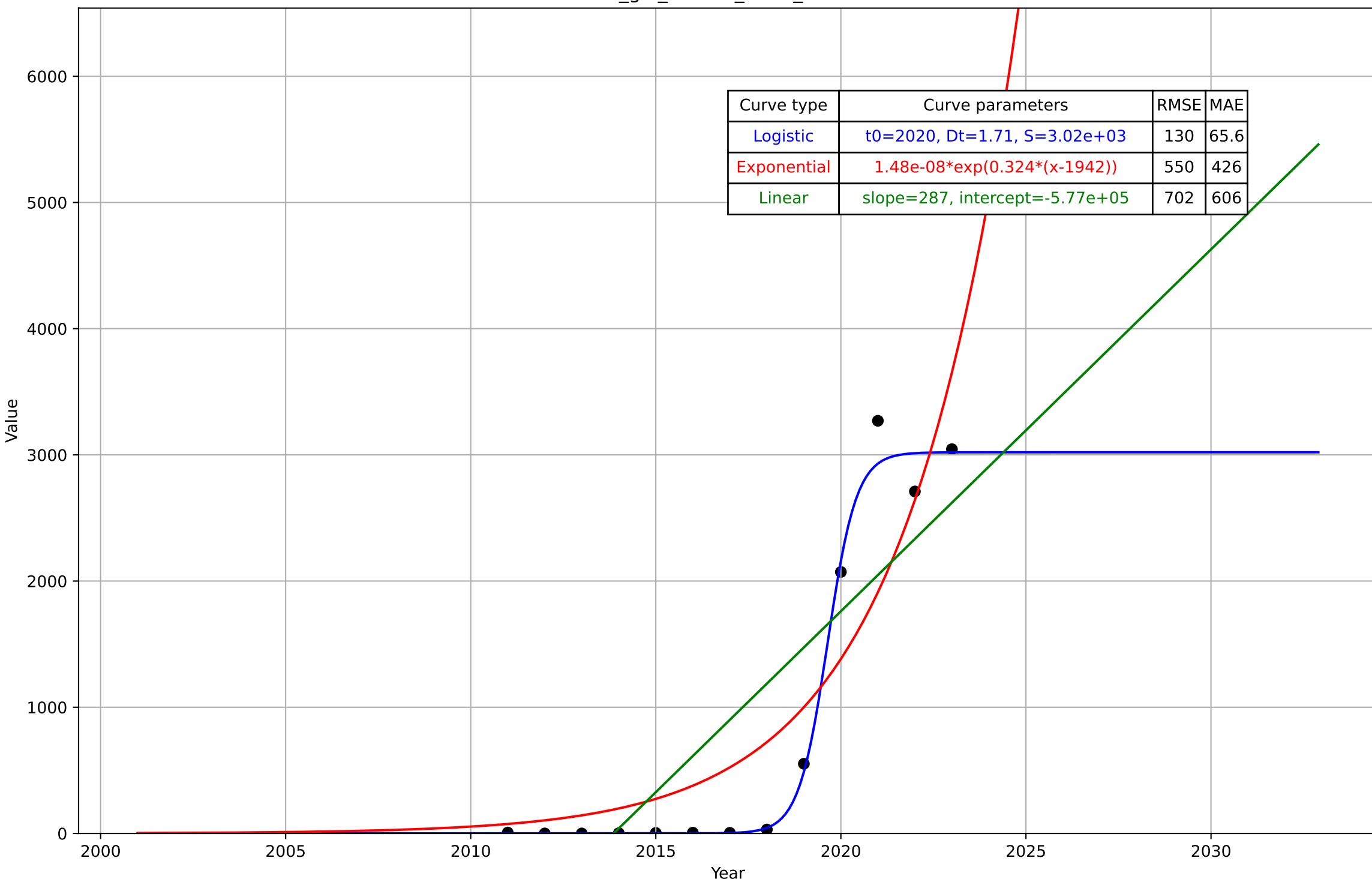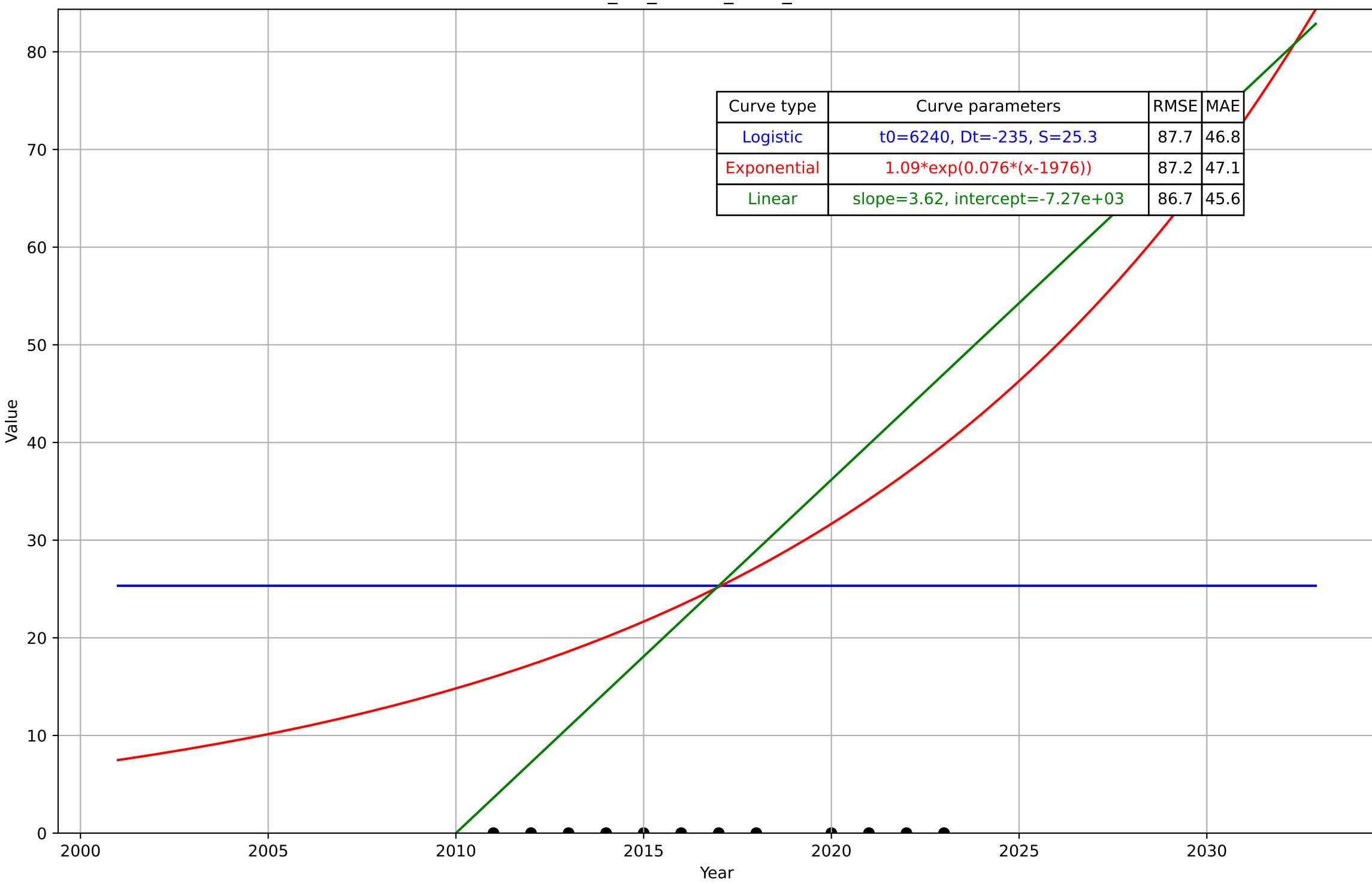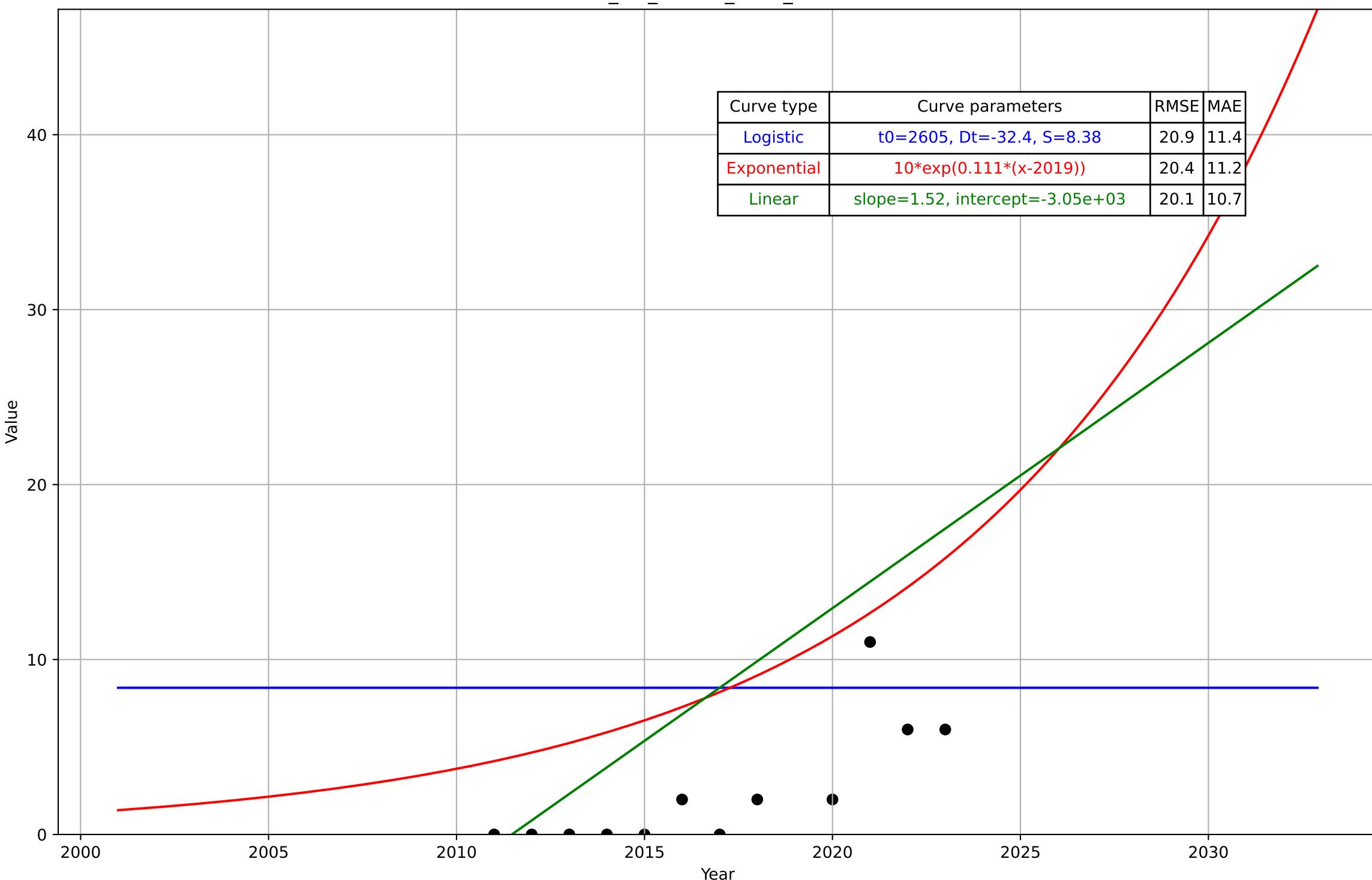
Climate protest
Global
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_glo_1.1Ado_d074_m018

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=1.71, S=3.02e+03	130	65.6
Exponential	1.48e-08*exp(0.324*(x-1942))	550	426
Linear	slope=287, intercept=-5.77e+05	702	606
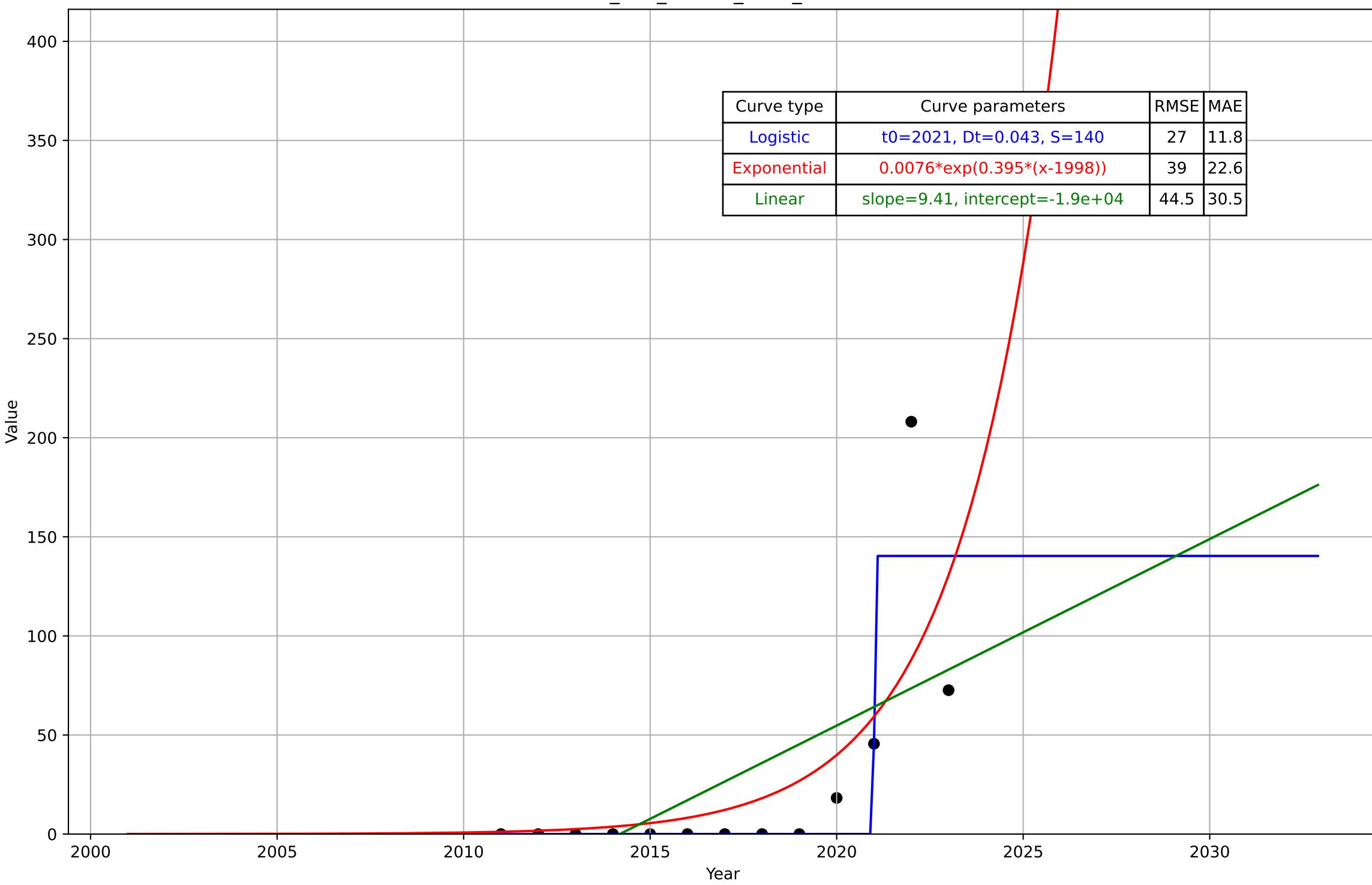
Climate protest
India
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_ind_1.1Ado_d073_m016

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=6240, Dt=-235, S=25.3	87.7	46.8
Exponential	1.09*exp(0.076*(x-1976))	87.2	47.1
Linear	slope=3.62, intercept=-7.27e+03	86.7	45.6
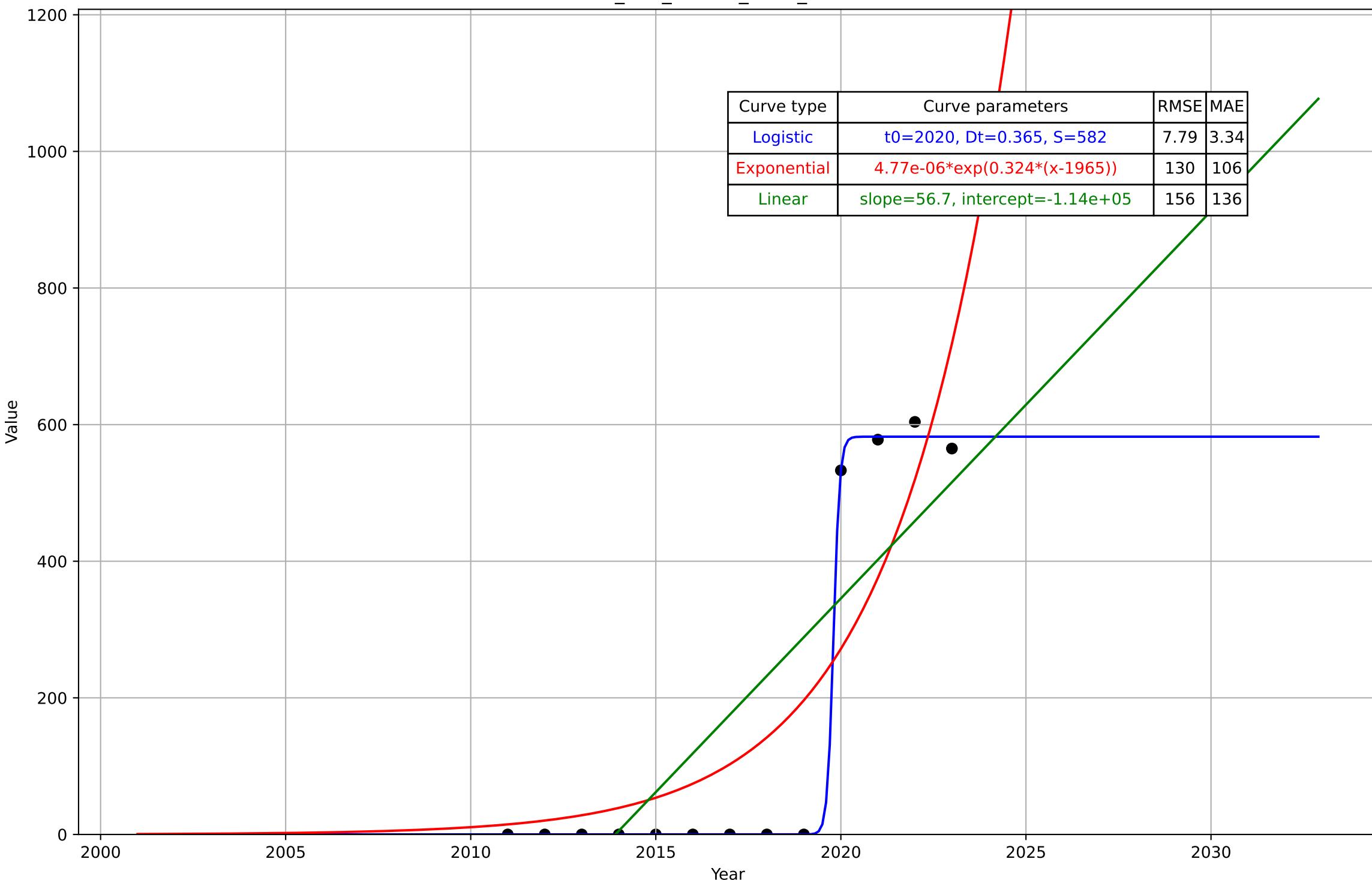
Climate protest
India
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_ind_1.1Ado_d074_m018

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2605, Dt=-32.4, S=8.38	20.9	11.4
Exponential	10*exp(0.111*(x-2019))	20.4	11.2
Linear	slope=1.52, intercept=-3.05e+03	20.1	10.7
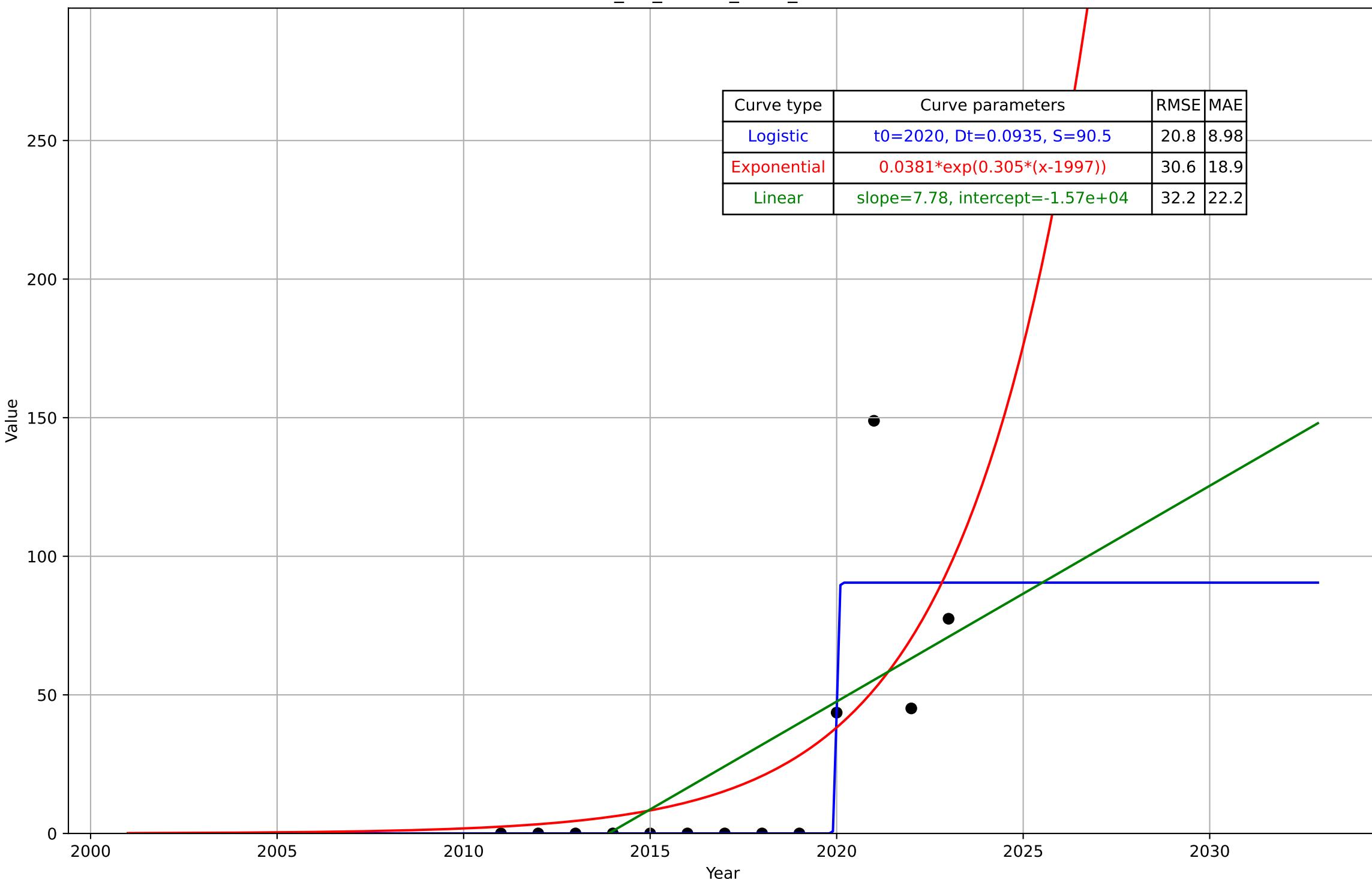
Climate protest
Sweden
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_swe_1.1Ado_d073_m016

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=0.043, S=140	27	11.8
Exponential	0.0076*exp(0.395*(x-1998))	39	22.6
Linear	slope=9.41, intercept=-1.9e+04	44.5	30.5

Climate protest
Sweden
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_swe_1.1Ado_d074_m018

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=0.365, S=582	7.79	3.34
Exponential	4.77e-06*exp(0.324*(x-1965))	130	106
Linear	slope=56.7, intercept=-1.14e+05	156	136
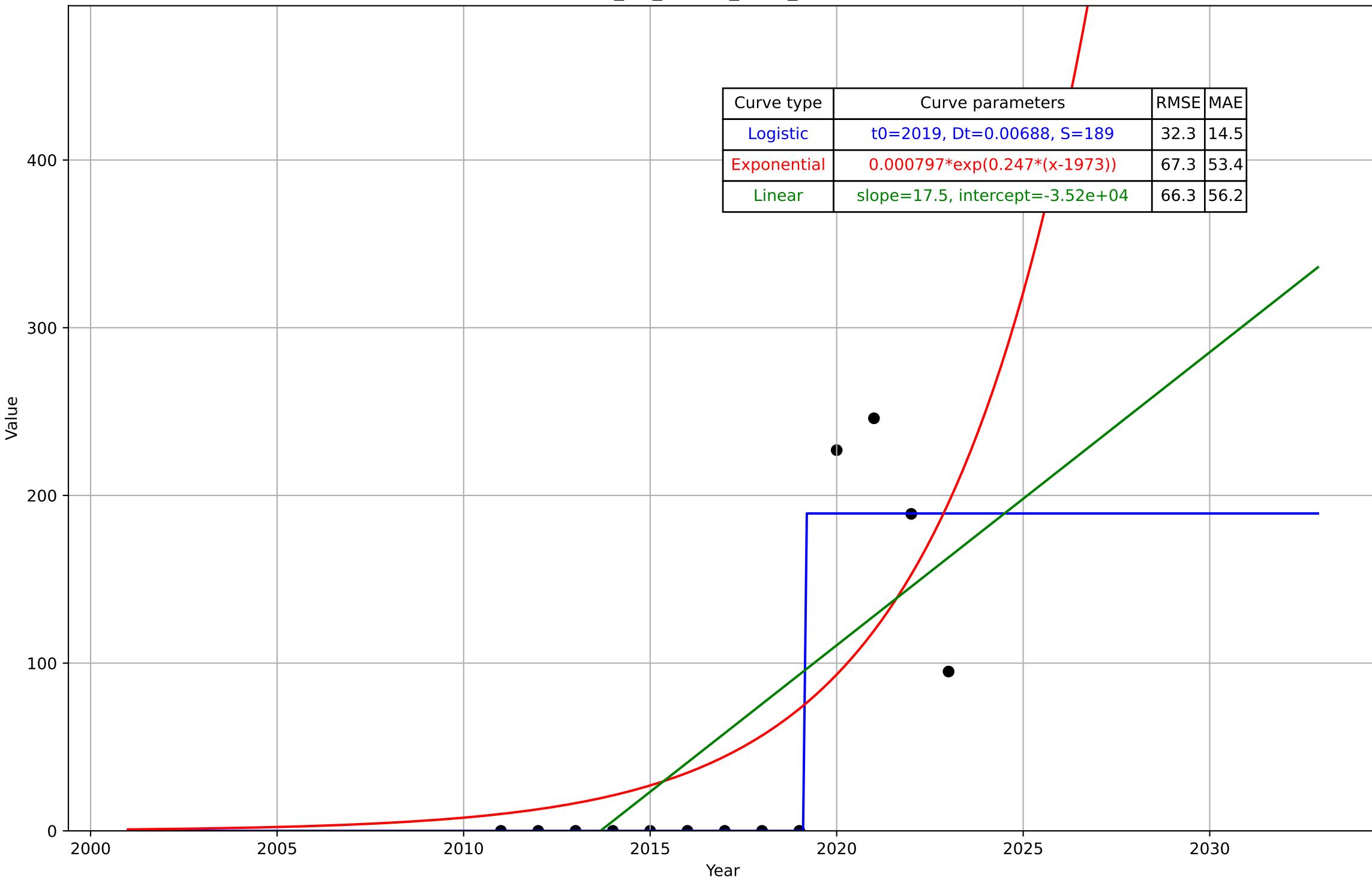
Climate protest
United Kingdom
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_uki_1.1Ado_d073_m016

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=0.0935, S=90.5	20.8	8.98
Exponential	0.0381*exp(0.305*(x-1997))	30.6	18.9
Linear	slope=7.78, intercept=-1.57e+04	32.2	22.2
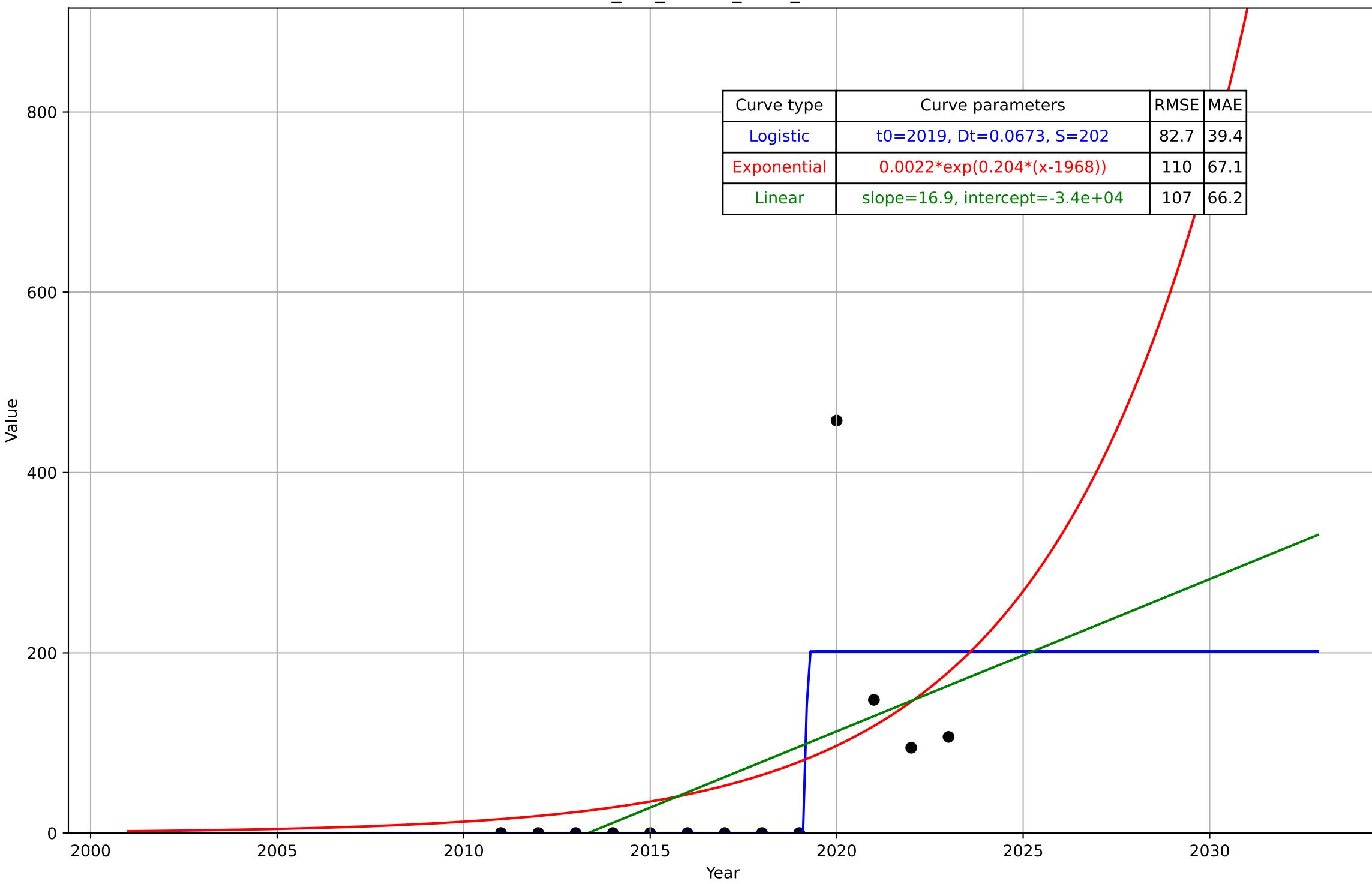
Climate protest
United Kingdom
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_uki_1.1Ado_d074_m018
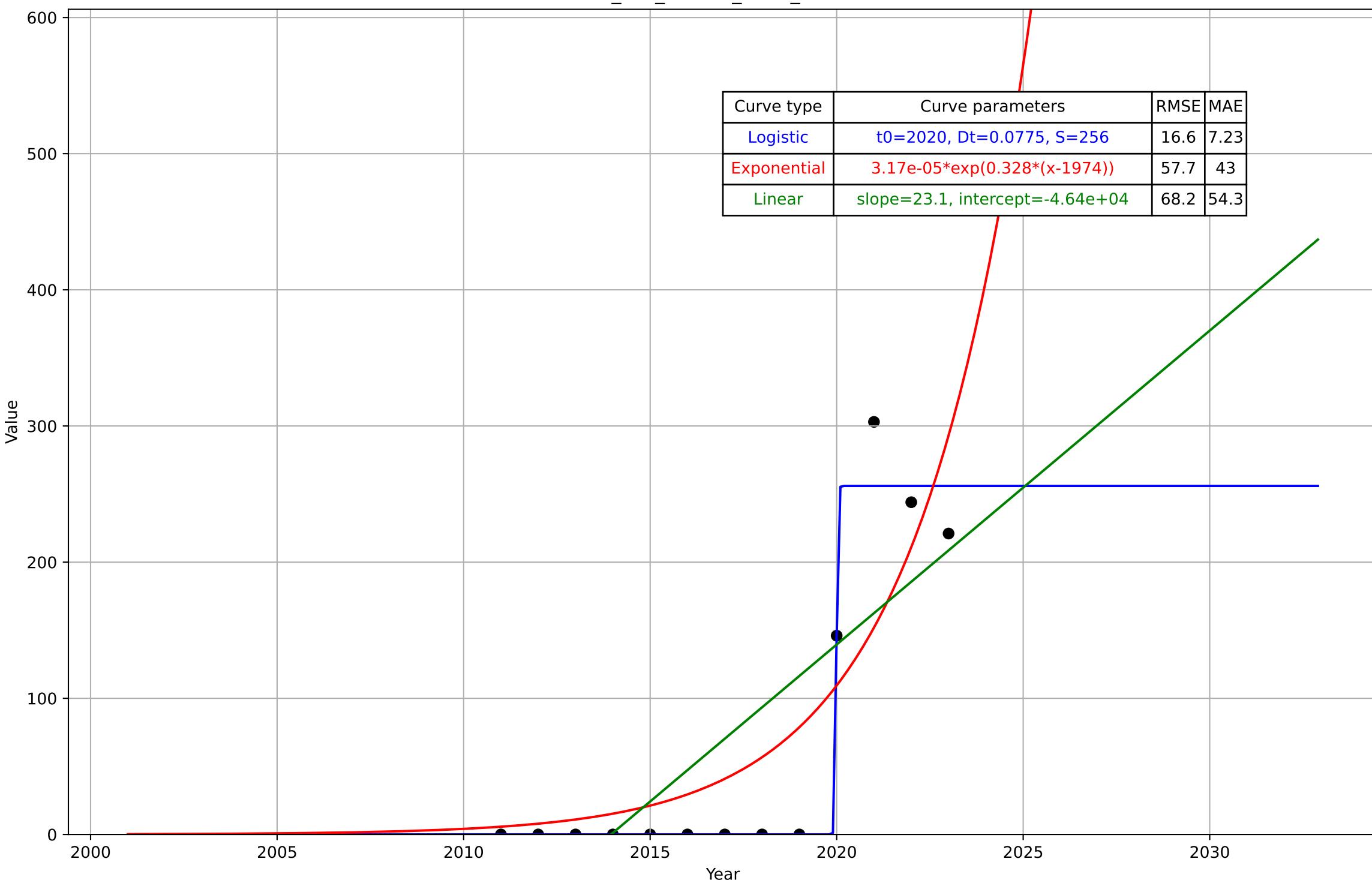
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=0.00688, S=189	32.3	14.5
Exponential	0.000797*exp(0.247*(x-1973))	67.3	53.4
Linear	slope=17.5, intercept=-3.52e+04	66.3	56.2

Climate protest
## United States
1.1
Count of participants at protest events related to climate
people (estimated)
Adoption over Time
cli_usa_1.1Ado_d073_m016

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=0.0673, S=202	82.7	39.4
Exponential	0.0022*exp(0.204*(x-1968))	110	67.1
Linear	slope=16.9, intercept=-3.4e+04	107	66.2
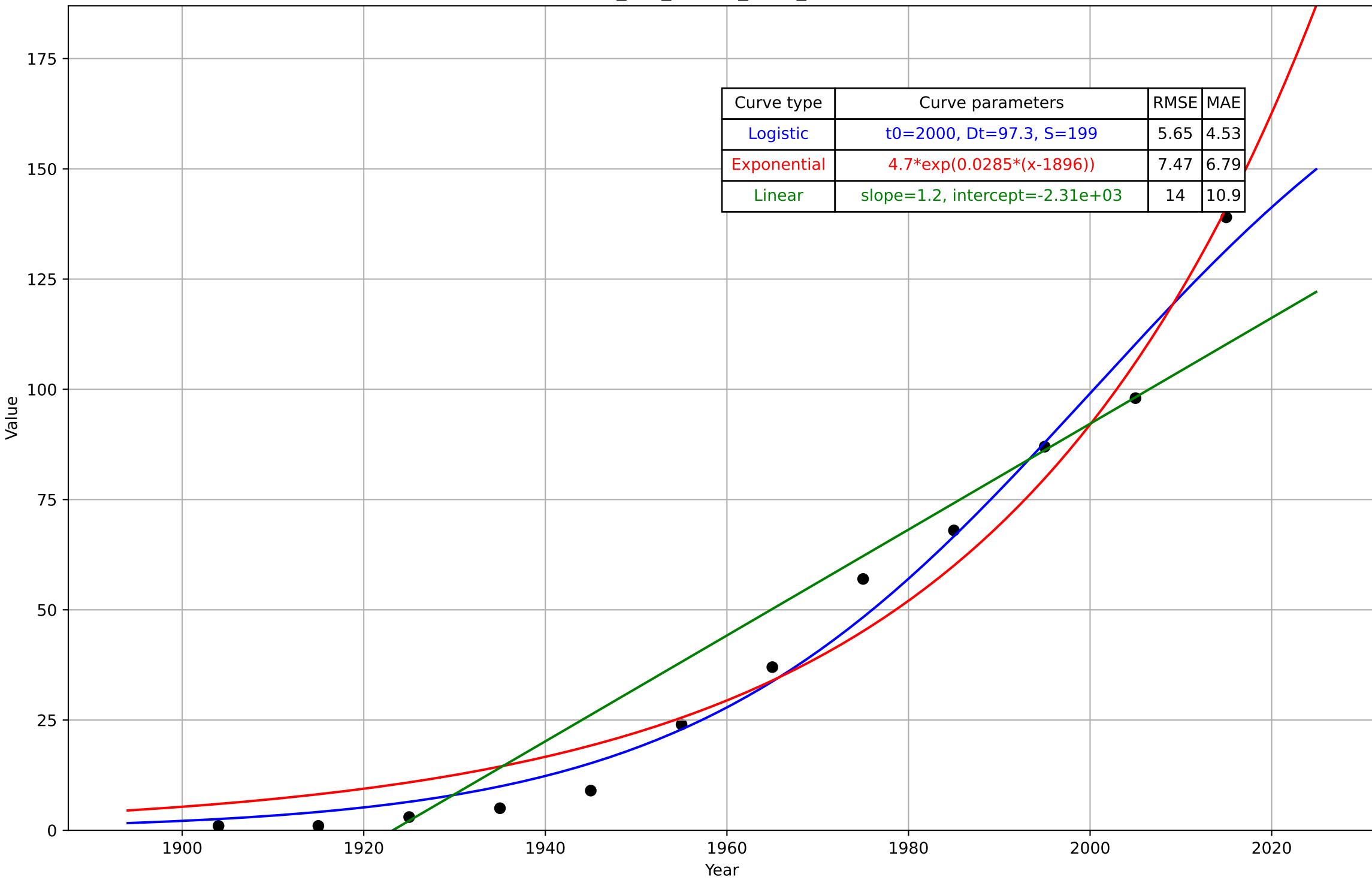
Climate protest
United States
1.1
Count of protest events related to climate
protest events
Adoption over Time
cli_usa_1.1Ado_d074_m018

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=0.0775, S=256	16.6	7.23
Exponential	3.17e-05*exp(0.328*(x-1974))	57.7	43
Linear	slope=23.1, intercept=-4.64e+04	68.2	54.3
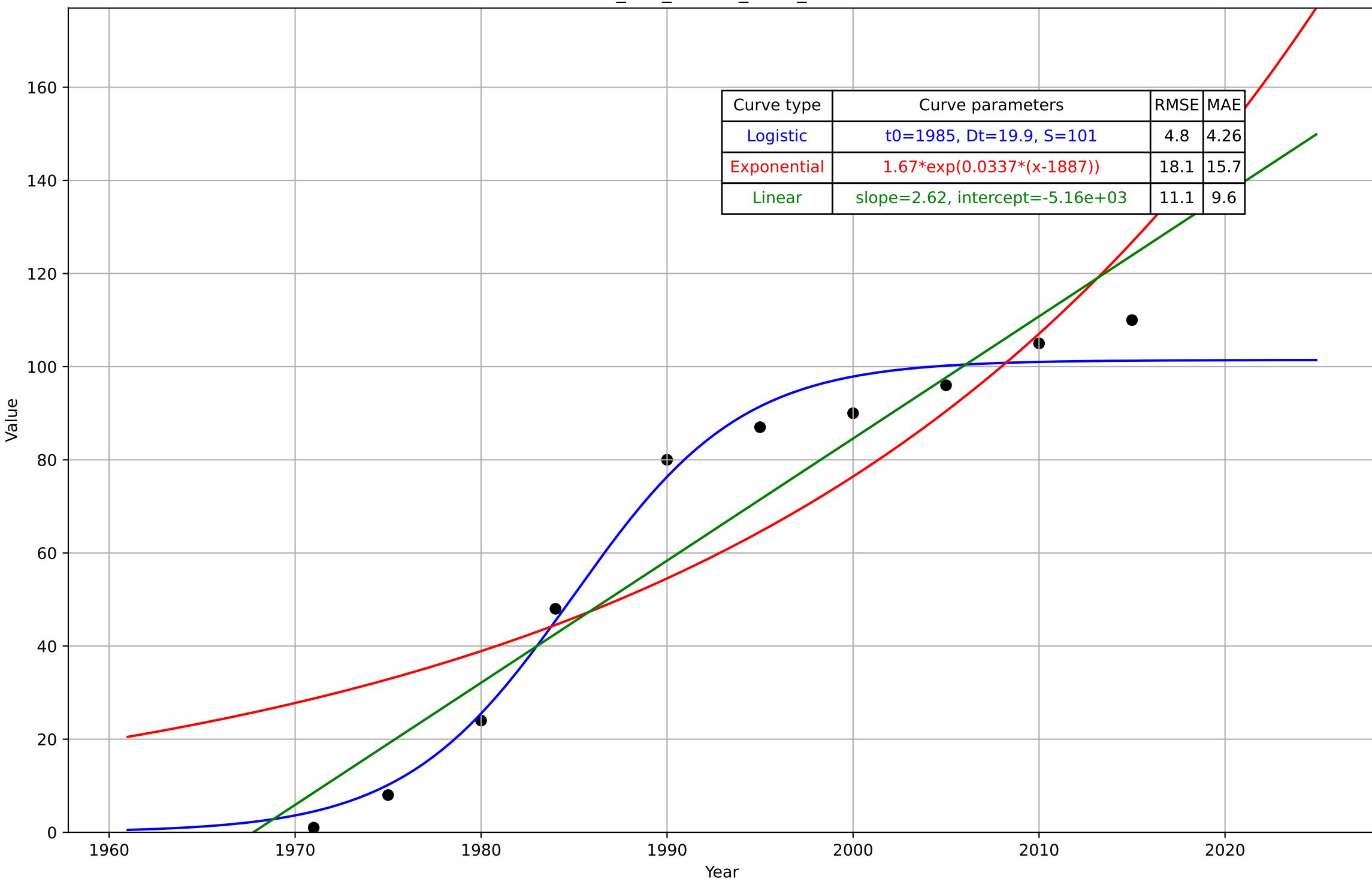
Co-housing
## Canton de Vaud (Switzerland)
1.1
Number of housing cooperatives in Canton de Vaud (Switzerland)
cooperatives
Adoption over time
coh_vau_1.1Ado_d139_m008
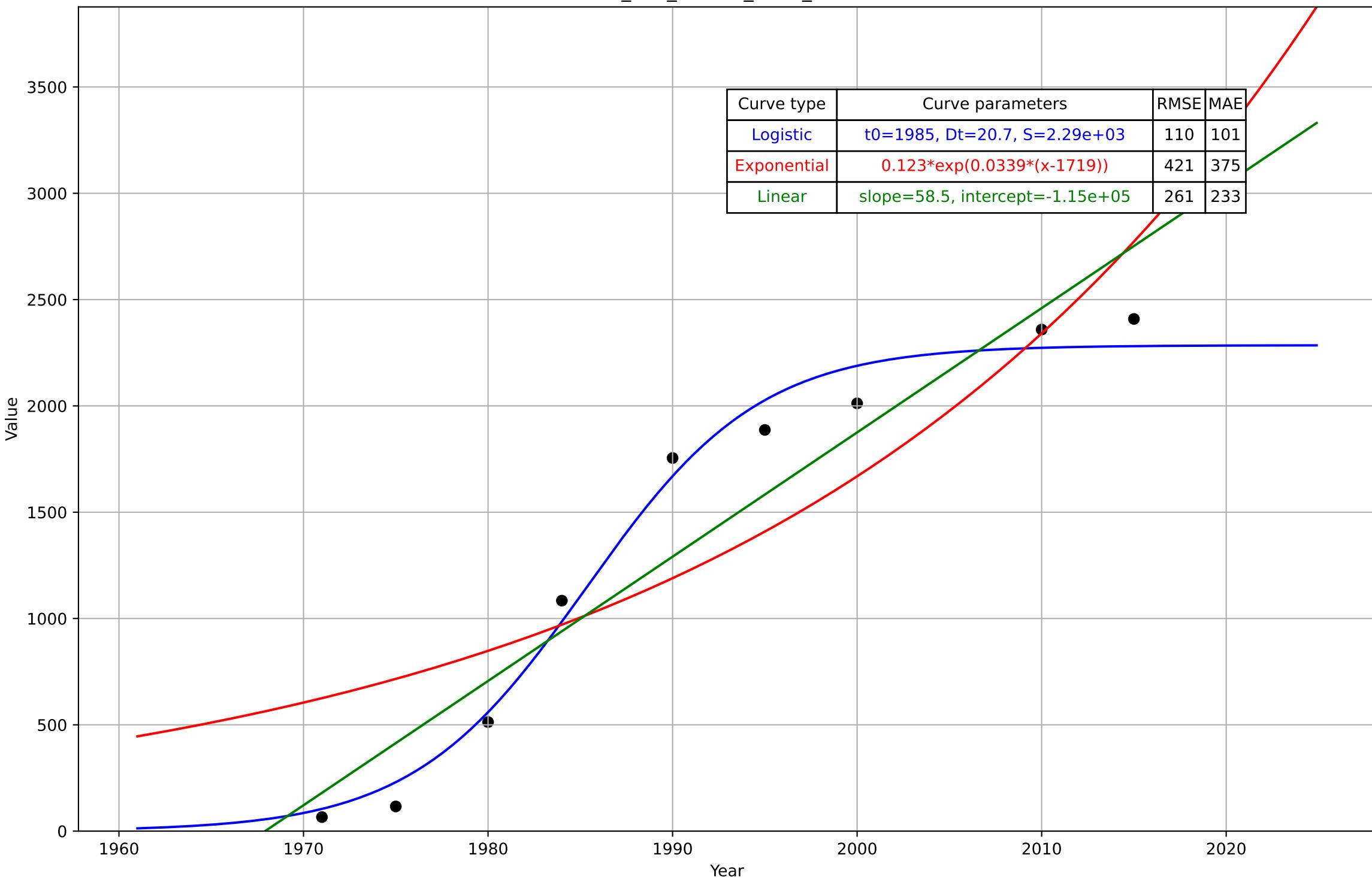
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=97.3, S=199	5.65	4.53
Exponential	4.7*exp(0.0285*(x-1896))	7.47	6.79
Linear	slope=1.2, intercept=-2.31e+03	14	10.9
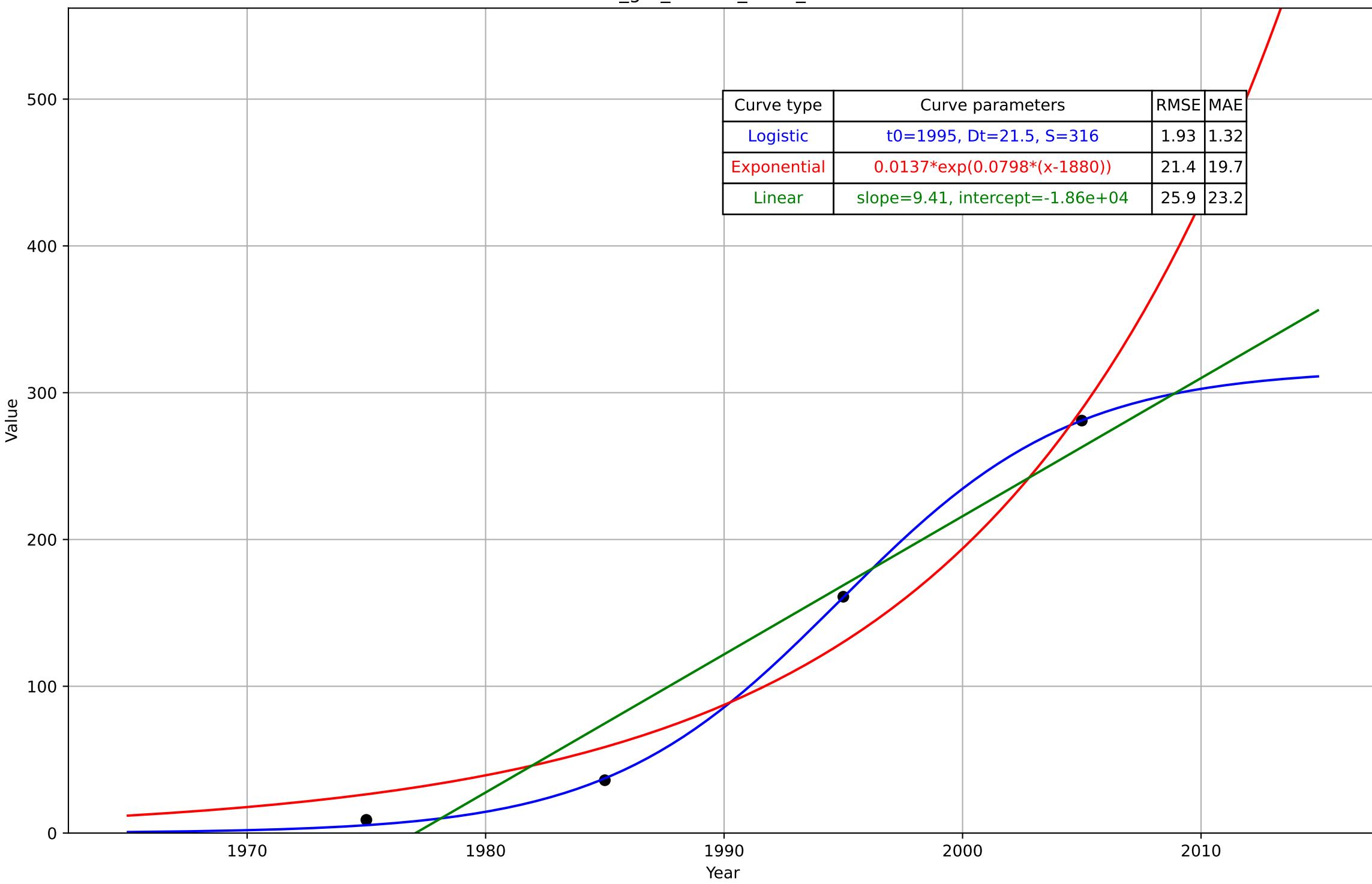
Co-housing
Denmark
1.1
Number of cohousing communities
communities
Adoption over time
coh_den_1.1Ado_d136_m007

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1985, Dt=19.9, S=101	4.8	4.26
Exponential	1.67*exp(0.0337*(x-1887))	18.1	15.7
Linear	slope=2.62, intercept=-5.16e+03	11.1	9.6

Co-housing
Denmark
1.1
Number of housing units in cohousing communities
residents
Adoption over time
coh_den_1.1Ado_d140_m020

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1985, Dt=20.7, S=2.29e+03	110	101
Exponential	0.123*exp(0.0339*(x-1719))	421	375
Linear	slope=58.5, intercept=-1.15e+05	261	233
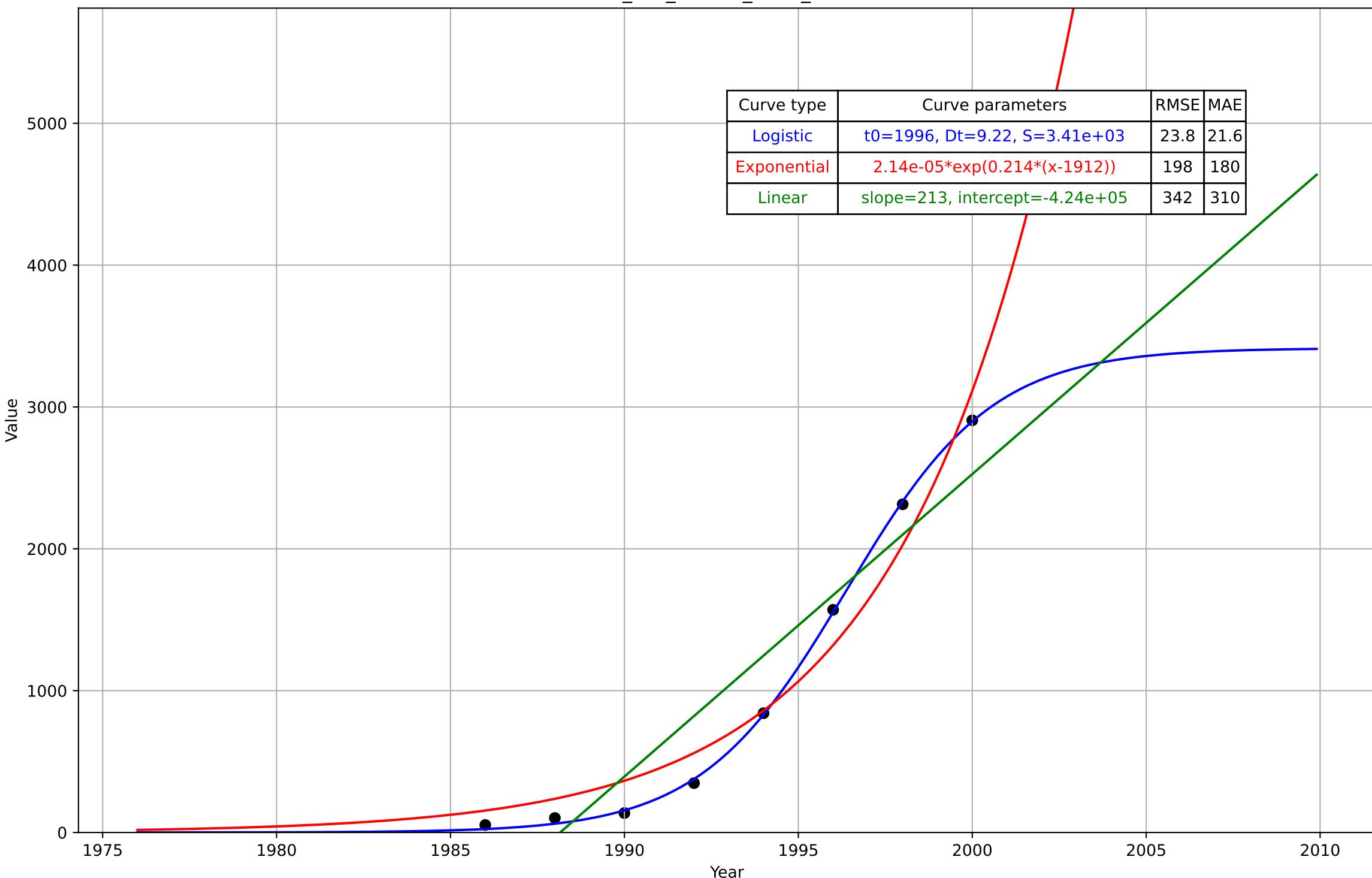
Co-housing
Germany
1.1
Number of projects
projects
Adoption over time
coh_ger_1.1Ado_d144_m017

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1995, Dt=21.5, S=316	1.93	1.32
Exponential	0.0137*exp(0.0798*(x-1880))	21.4	19.7
Linear	slope=9.41, intercept=-1.86e+04	25.9	23.2

Co-housing
United States
1.1
Number of residents living in cohousing communities
residents
Adoption over time
coh_usa_1.1Ado_d145_m020
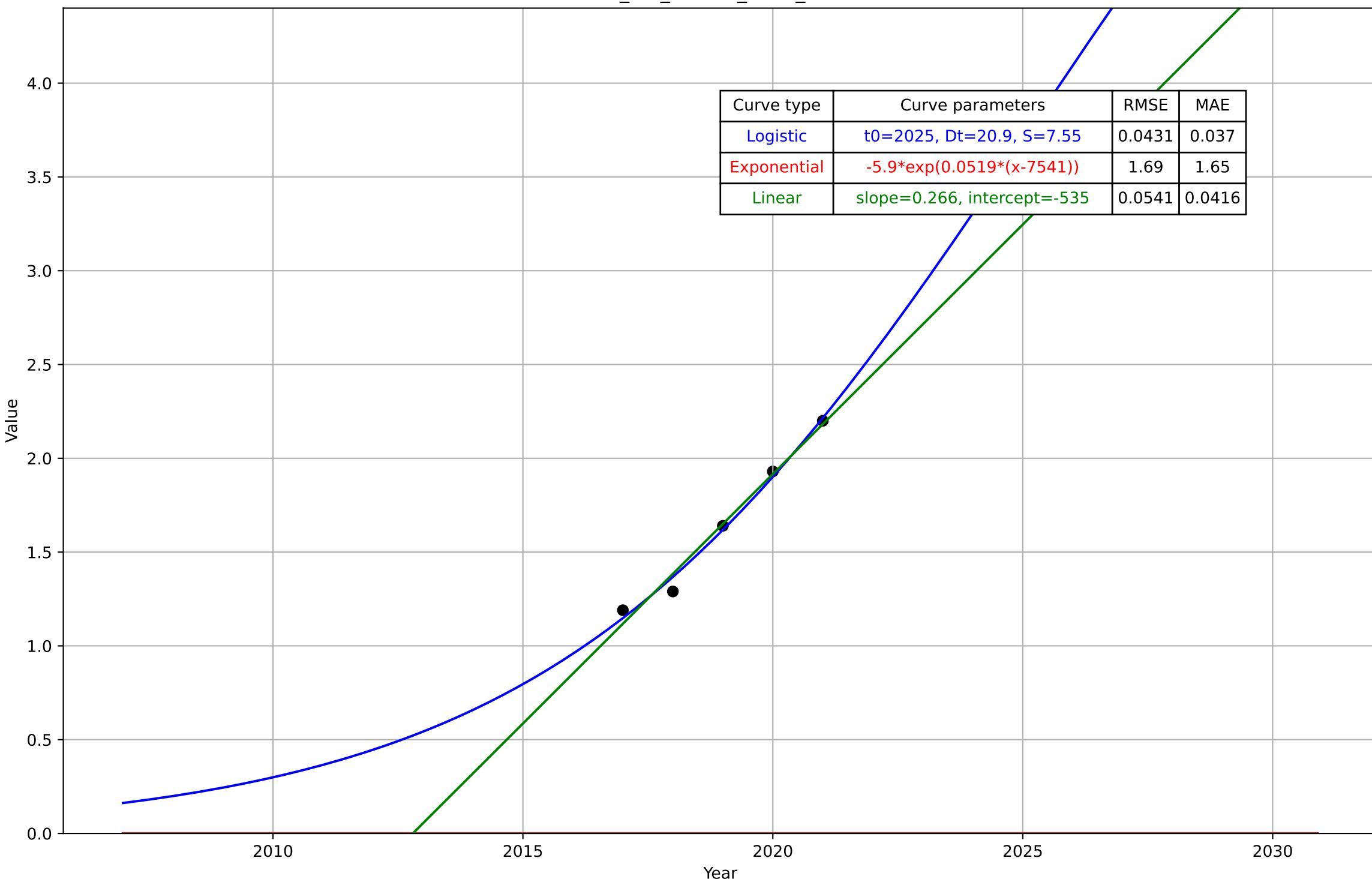
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1996, Dt=9.22, S=3.41e+03	23.8	21.6
Exponential	2.14e-05*exp(0.214*(x-1912))	198	180
Linear	slope=213, intercept=-4.24e+05	342	310

Downsizing
Switzerland
### 1.1
Share of people living in a small dwelling with high wellbeing
% people
Adoption over time
dow_swi_1.1Ado_d192_m081
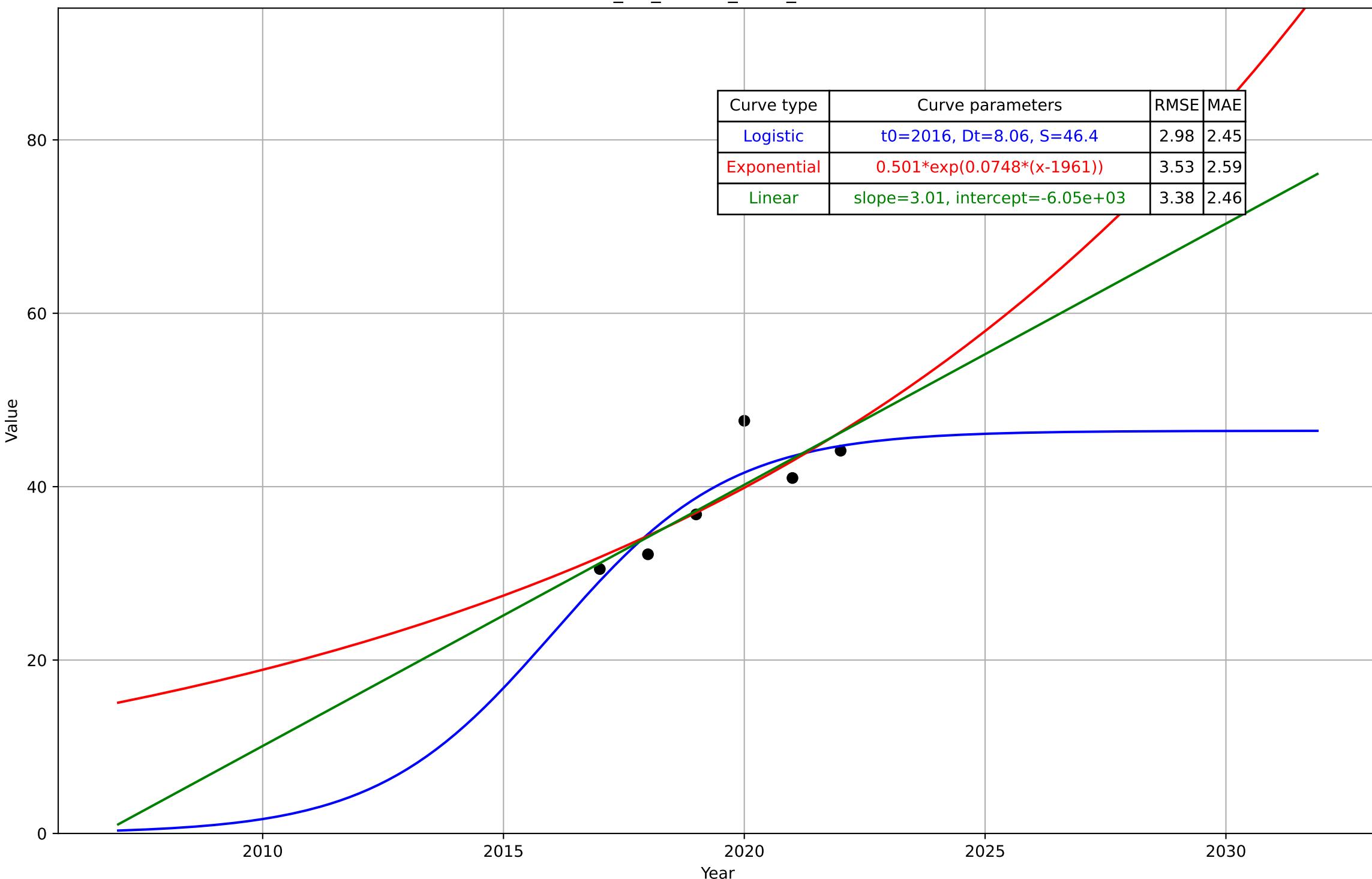
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2025, Dt=20.9, S=7.55	0.0431	0.037
Exponential	-5.9*exp(0.0519*(x-7541))	1.69	1.65
Linear	slope=0.266, intercept=-535	0.0541	0.0416

Value

Year
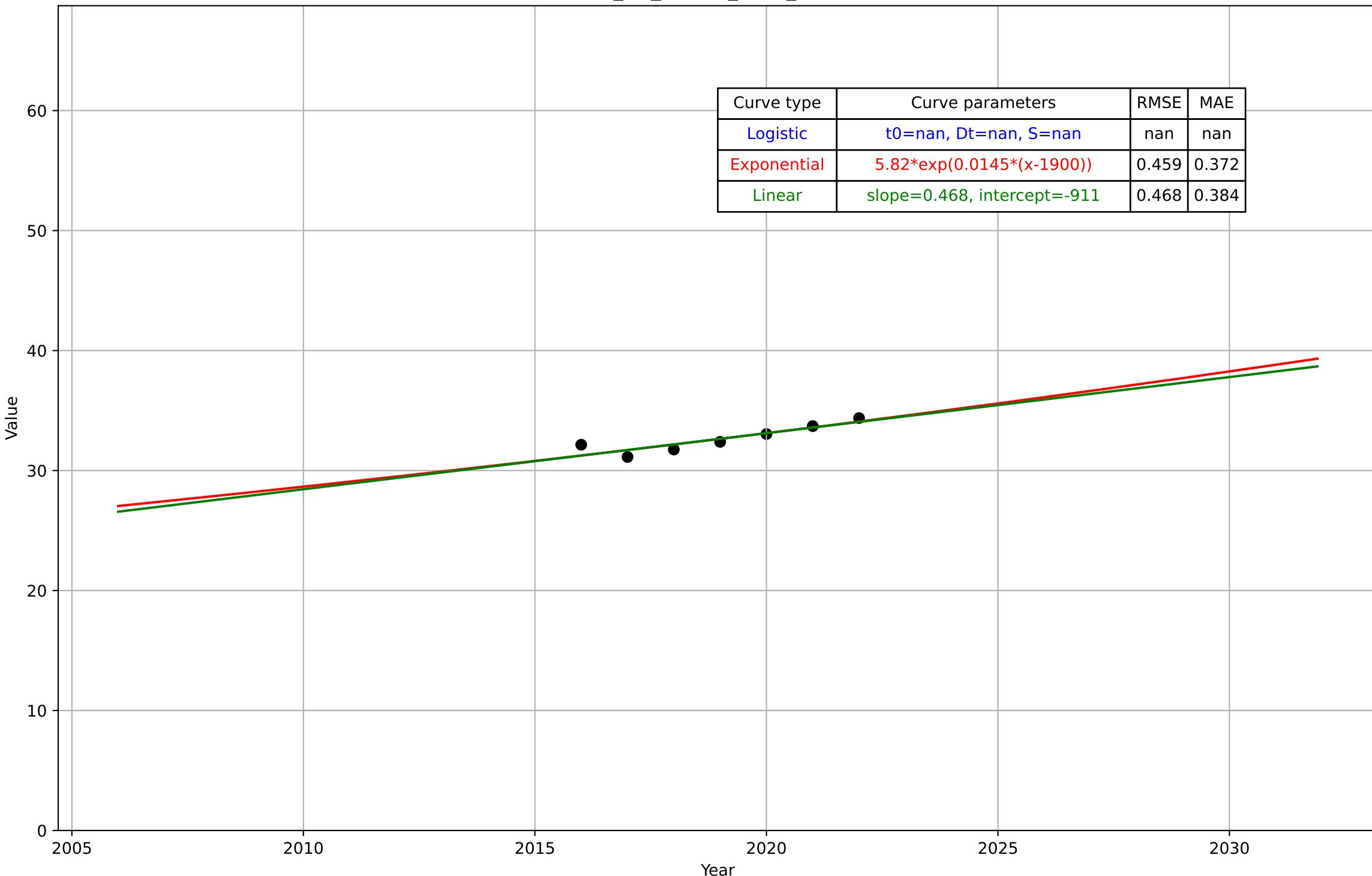
E-bikes
China
1.1
E-bike sales volumes
million
Adoption over time
ebi_chi_1.1Ado_d084_m013

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=8.06, S=46.4	2.98	2.45
Exponential	0.501*exp(0.0748*(x-1961))	3.53	2.59
Linear	slope=3.01, intercept=-6.05e+03	3.38	2.46
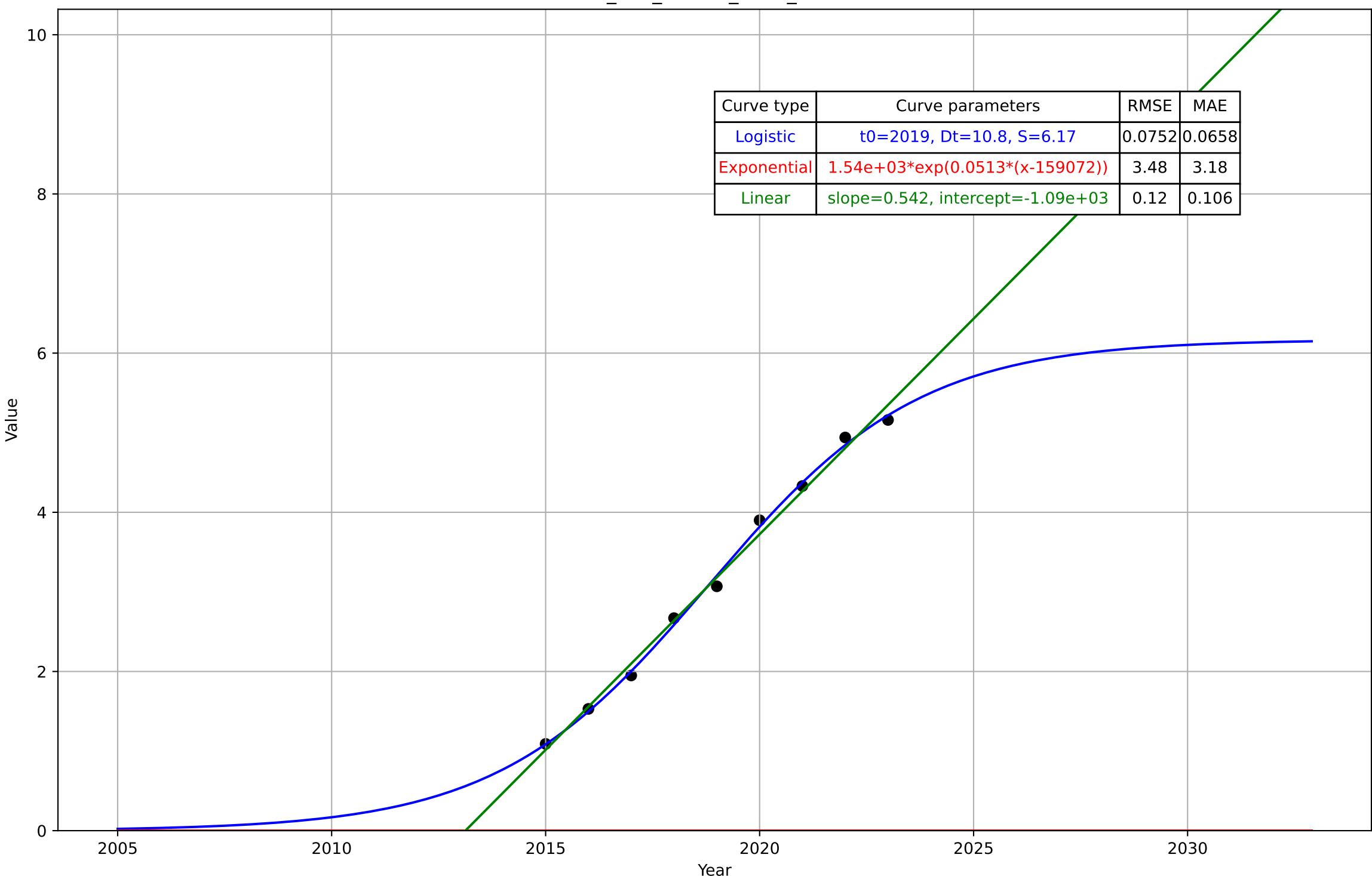
E-bikes
China
1.1
Total e-bike manufacturing volumes
million
Adoption over time
ebi_chi_1.1Ado_d201_m013

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	5.82*exp(0.0145*(x-1900))	0.459	0.372
Linear	slope=0.468, intercept=-911	0.468	0.384
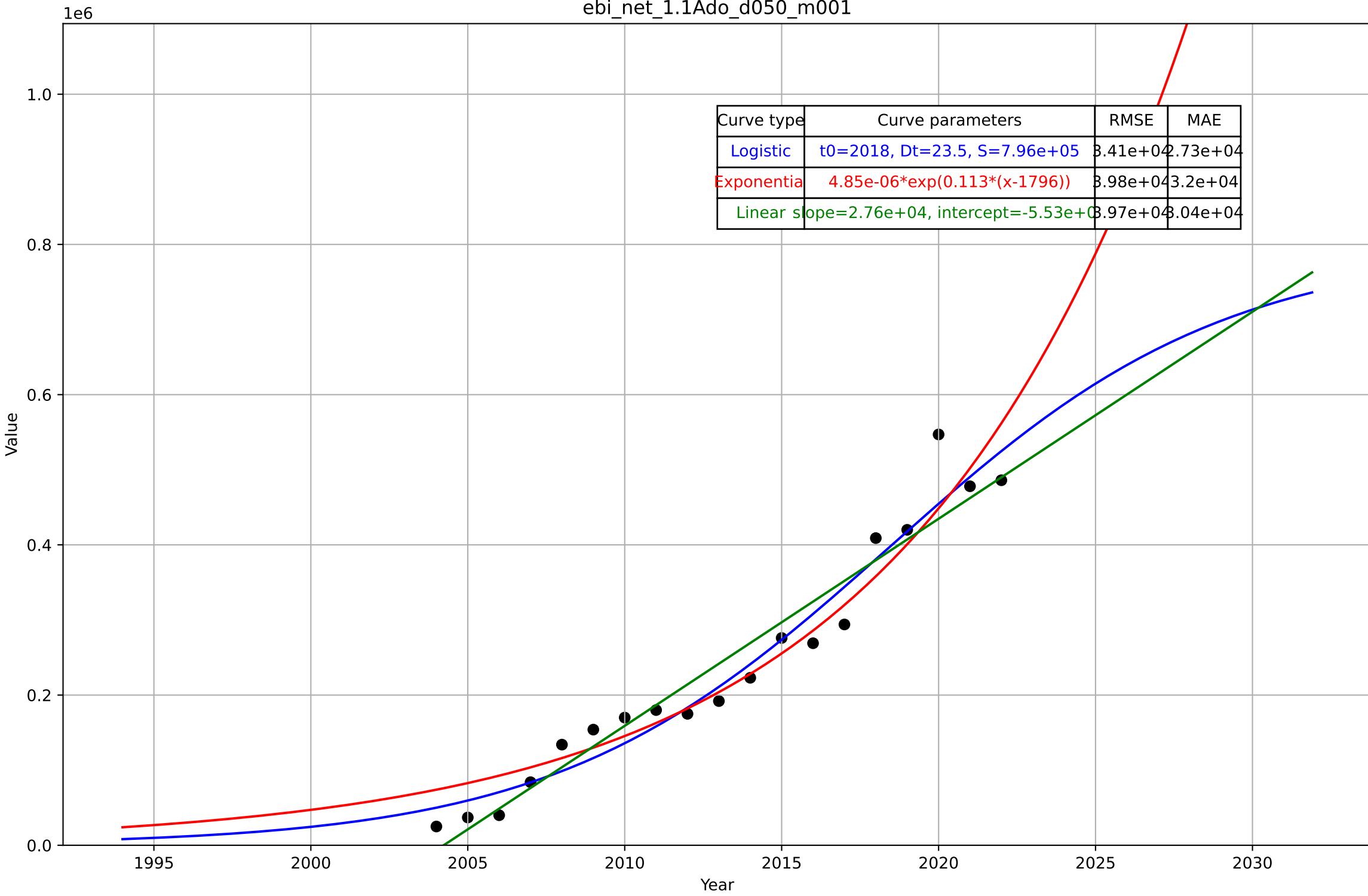
E-bikes
EU
1.1
E-bike sales volumes
thousands
Adoption over time
ebi_eun_1.1Ado_d084_m021

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=10.8, S=6.17	0.0752	0.0658
Exponential	1.54e+03*exp(0.0513*(x-159072))	3.48	3.18
Linear	slope=0.542, intercept=-1.09e+03	0.12	0.106
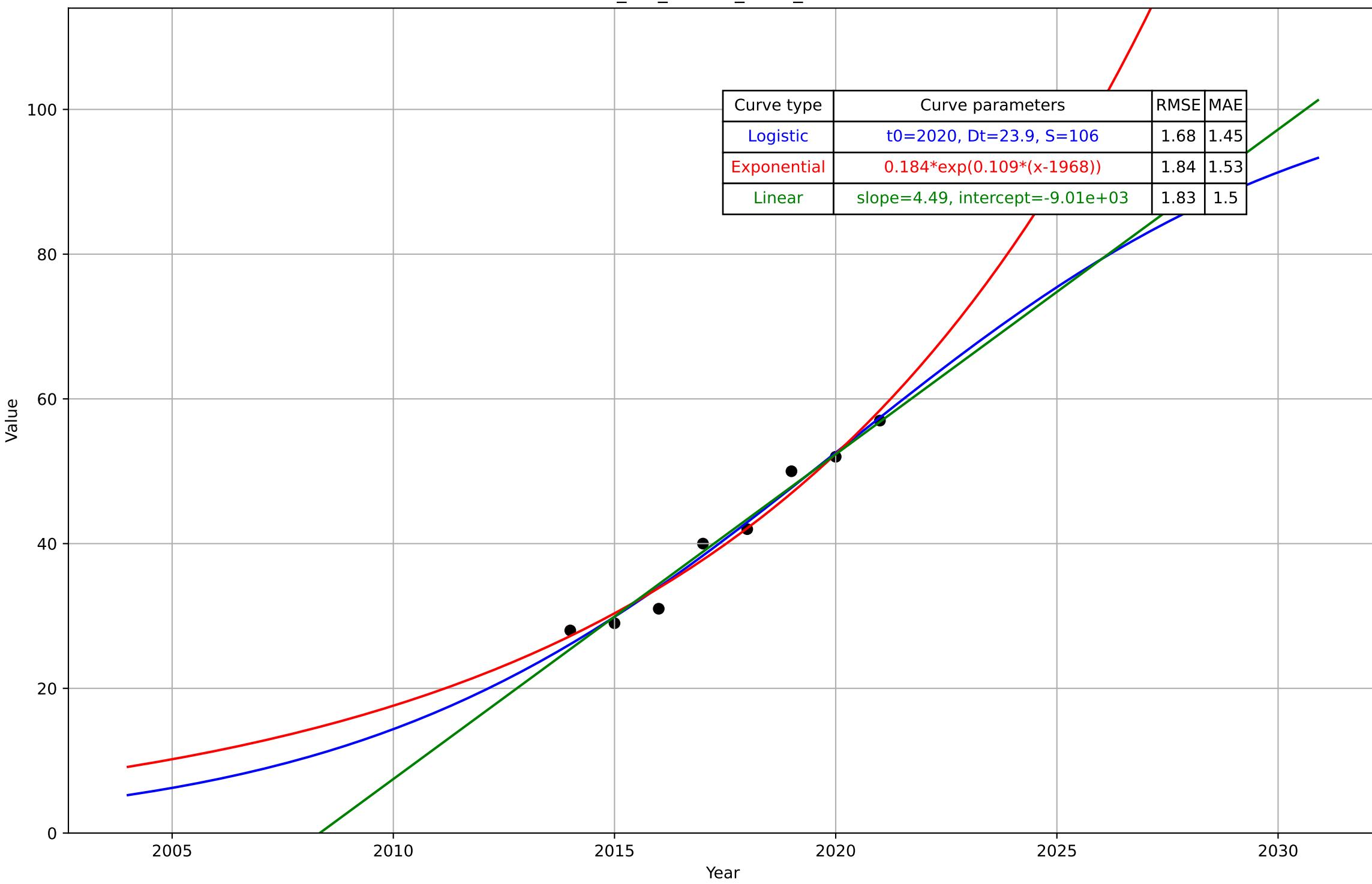
E-bikes
The Netherlands
1.1
Annual production
#
Adoption over time
ebi_net_1.1Ado_d050_m001
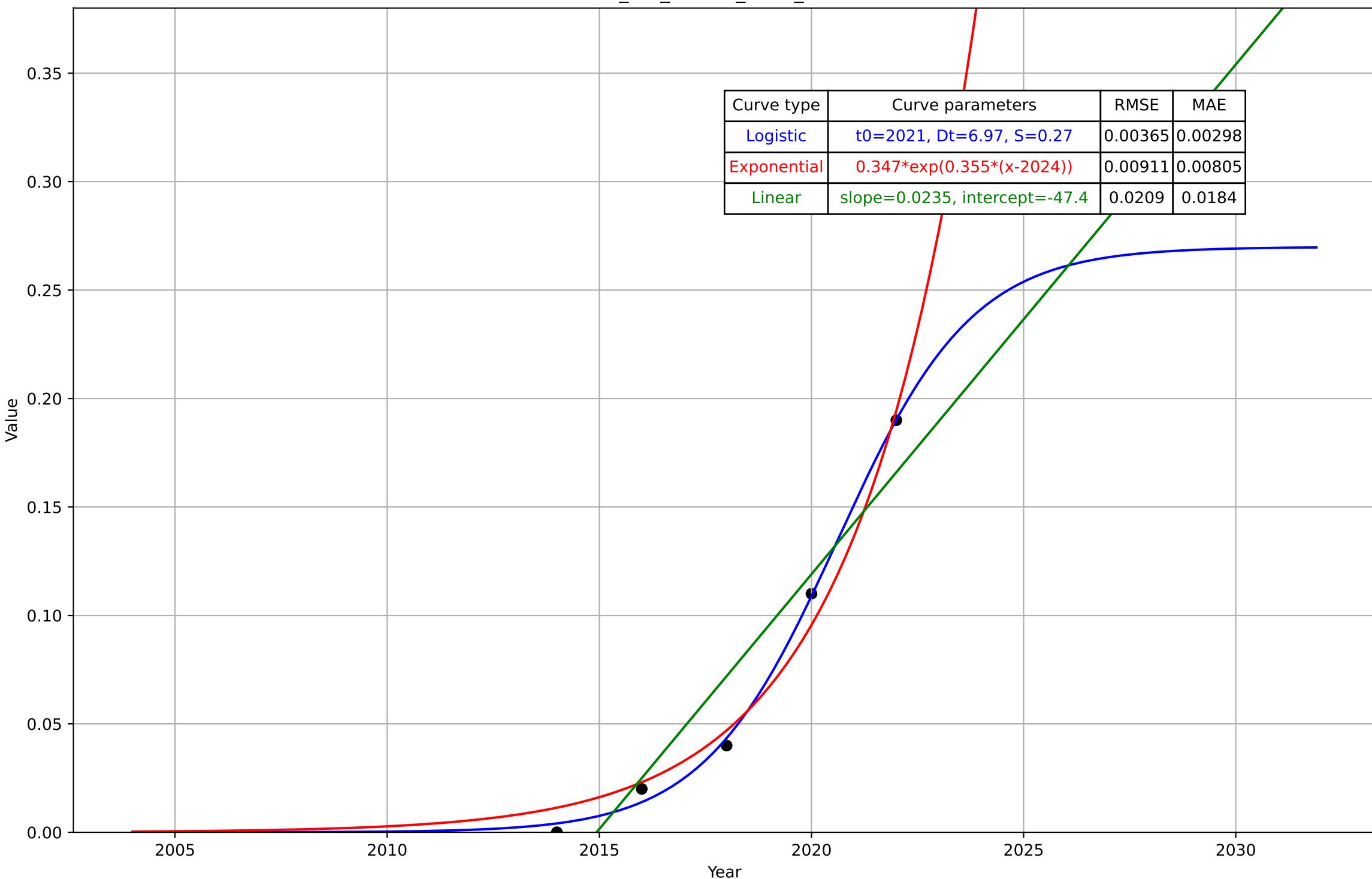
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=23.5, S=7.96e+05	3.41e+04	2.73e+04
Exponential	4.85e-06*exp(0.113*(x-1796))	3.98e+04	3.2e+04
Linear	slope=2.76e+04, intercept=-5.53e+0	3.97e+04	3.04e+04

E-bikes
The Netherlands
1.1
Market share
%
Adoption over time
ebi_net_1.1Ado_d121_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=23.9, S=106	1.68	1.45
Exponential	0.184*exp(0.109*(x-1968))	1.84	1.53
Linear	slope=4.49, intercept=-9.01e+03	1.83	1.5
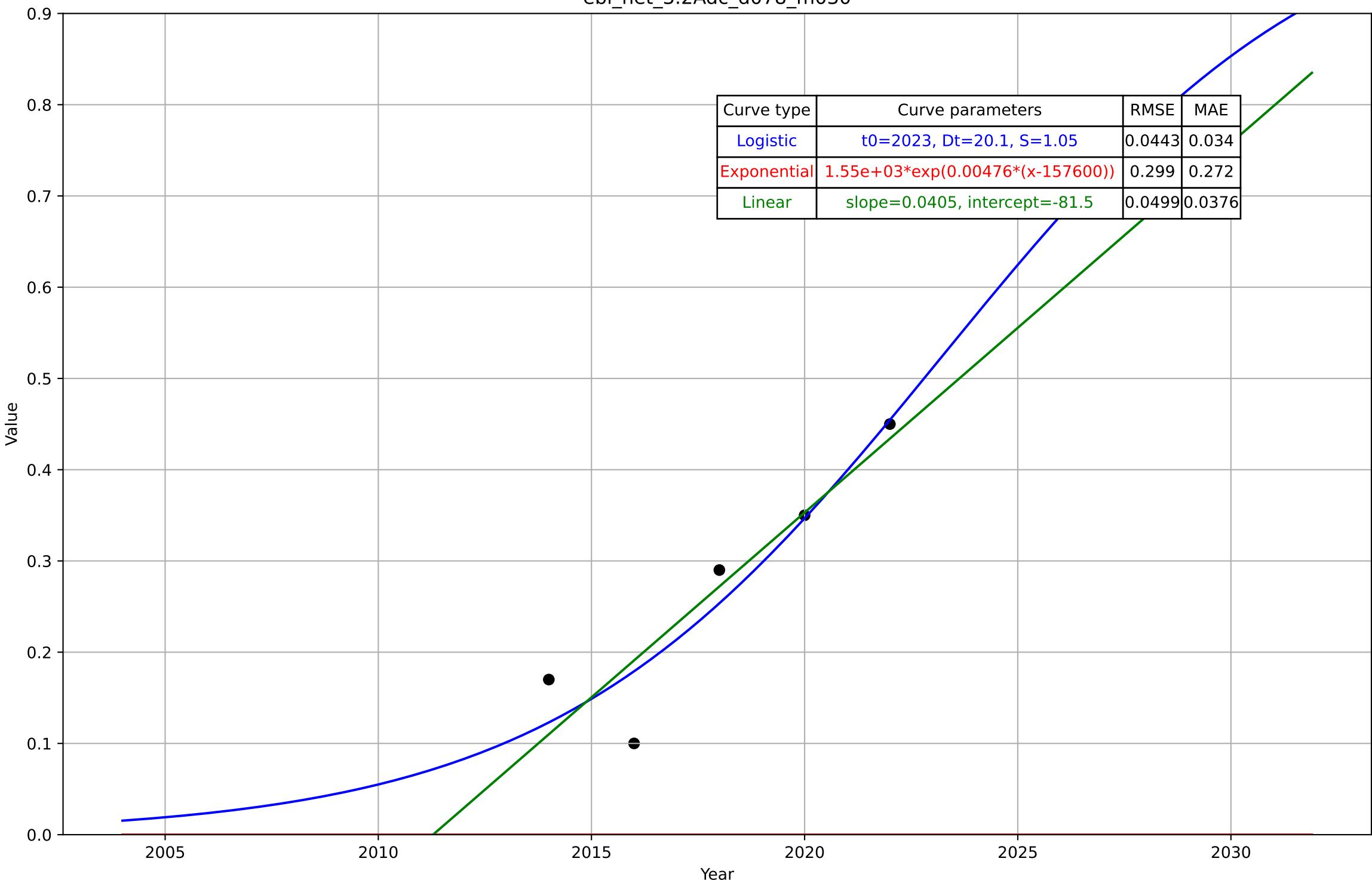
E-bikes
The Netherlands
3.2
Distance share by age group (12-17)
% distance
Adopter characteristics
ebi_net_3.2Adc_d077_m030

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=6.97, S=0.27	0.00365	0.00298
Exponential	0.347*exp(0.355*(x-2024))	0.00911	0.00805
Linear	slope=0.0235, intercept=-47.4	0.0209	0.0184
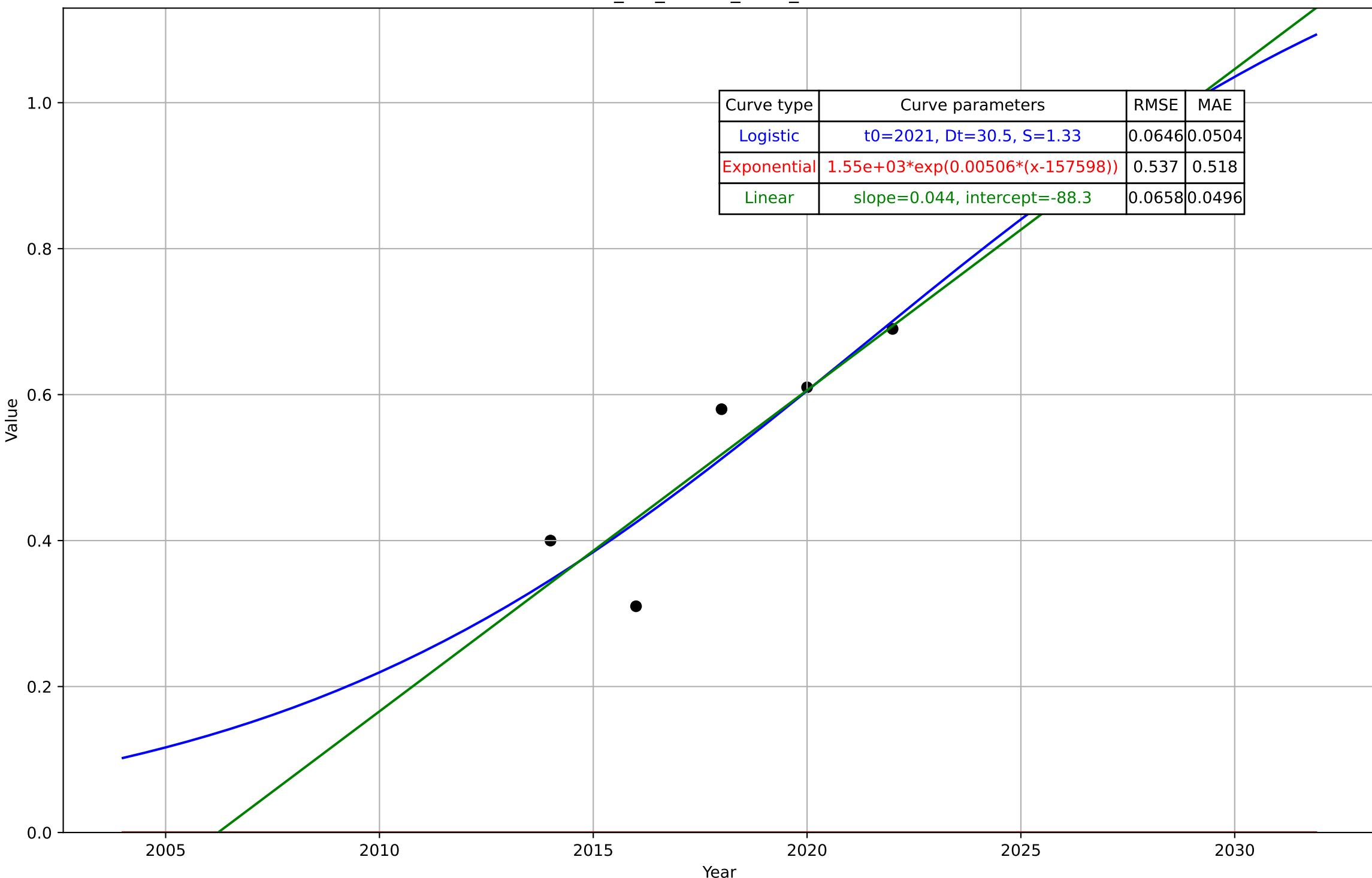
E-bikes
The Netherlands
3.2
Distance share by age group (60-64)
% distance
Adopter characteristics
ebi_net_3.2Adc_d078_m030
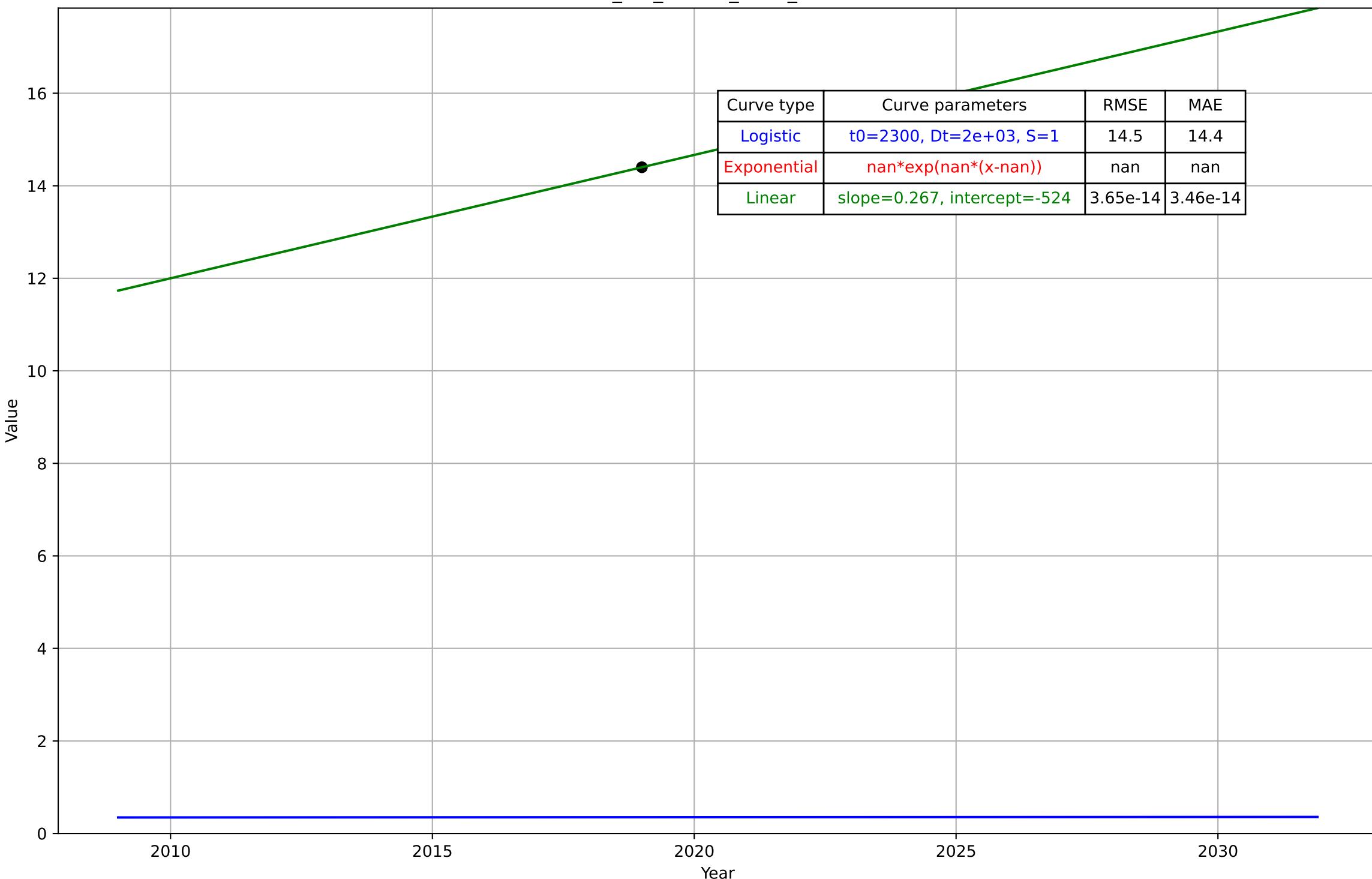
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2023, Dt=20.1, S=1.05	0.0443	0.034
Exponential	1.55e+03*exp(0.00476*(x-157600))	0.299	0.272
Linear	slope=0.0405, intercept=-81.5	0.0499	0.0376
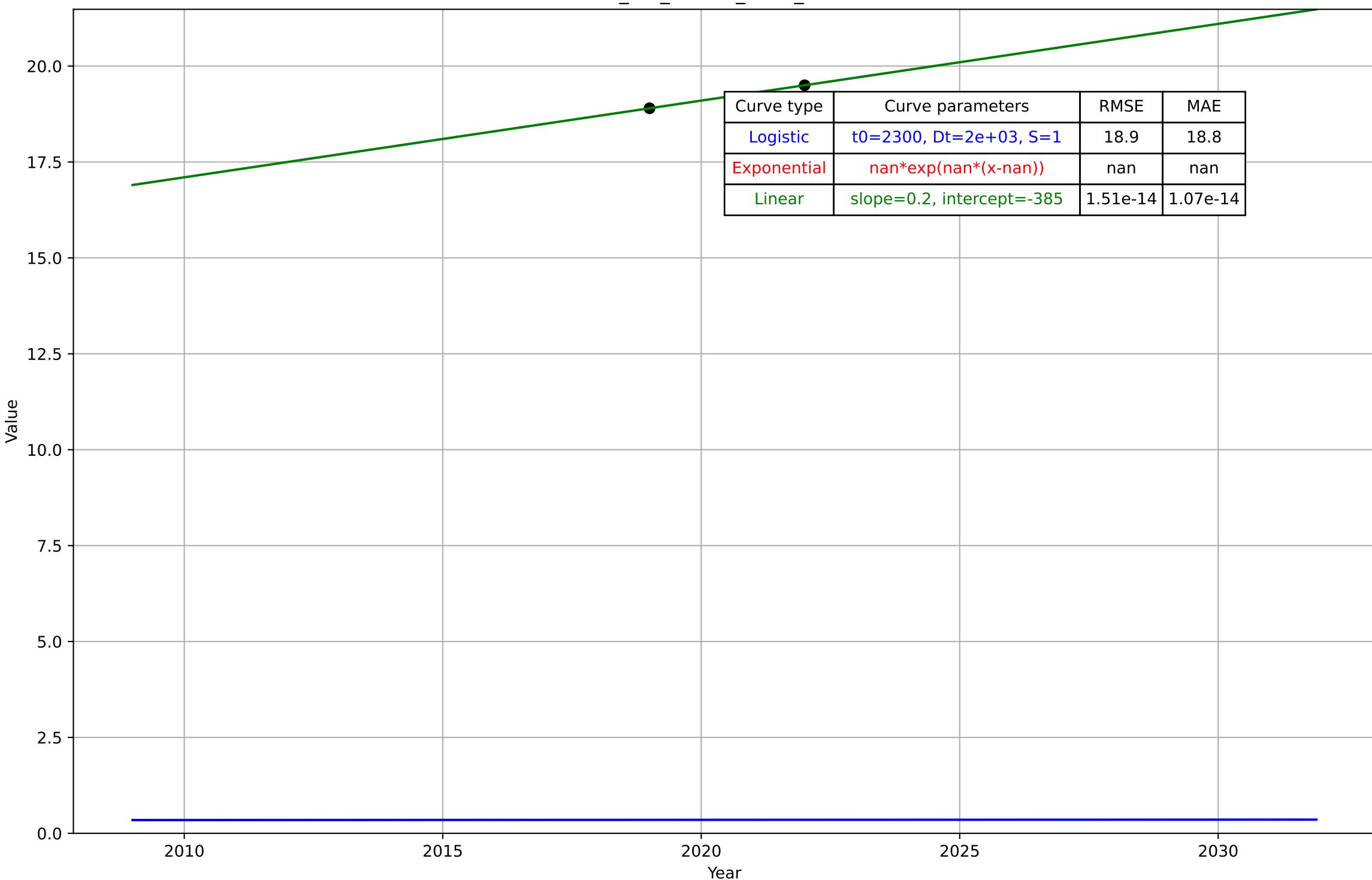
E-bikes
The Netherlands
3.2
Distance share by age group (70+)
% distance
Adopter characteristics
ebi_net_3.2Adc_d079_m030

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=30.5, S=1.33	0.0646	0.0504
Exponential	1.55e+03*exp(0.00506*(x-157598))	0.537	0.518
Linear	slope=0.044, intercept=-88.3	0.0658	0.0496
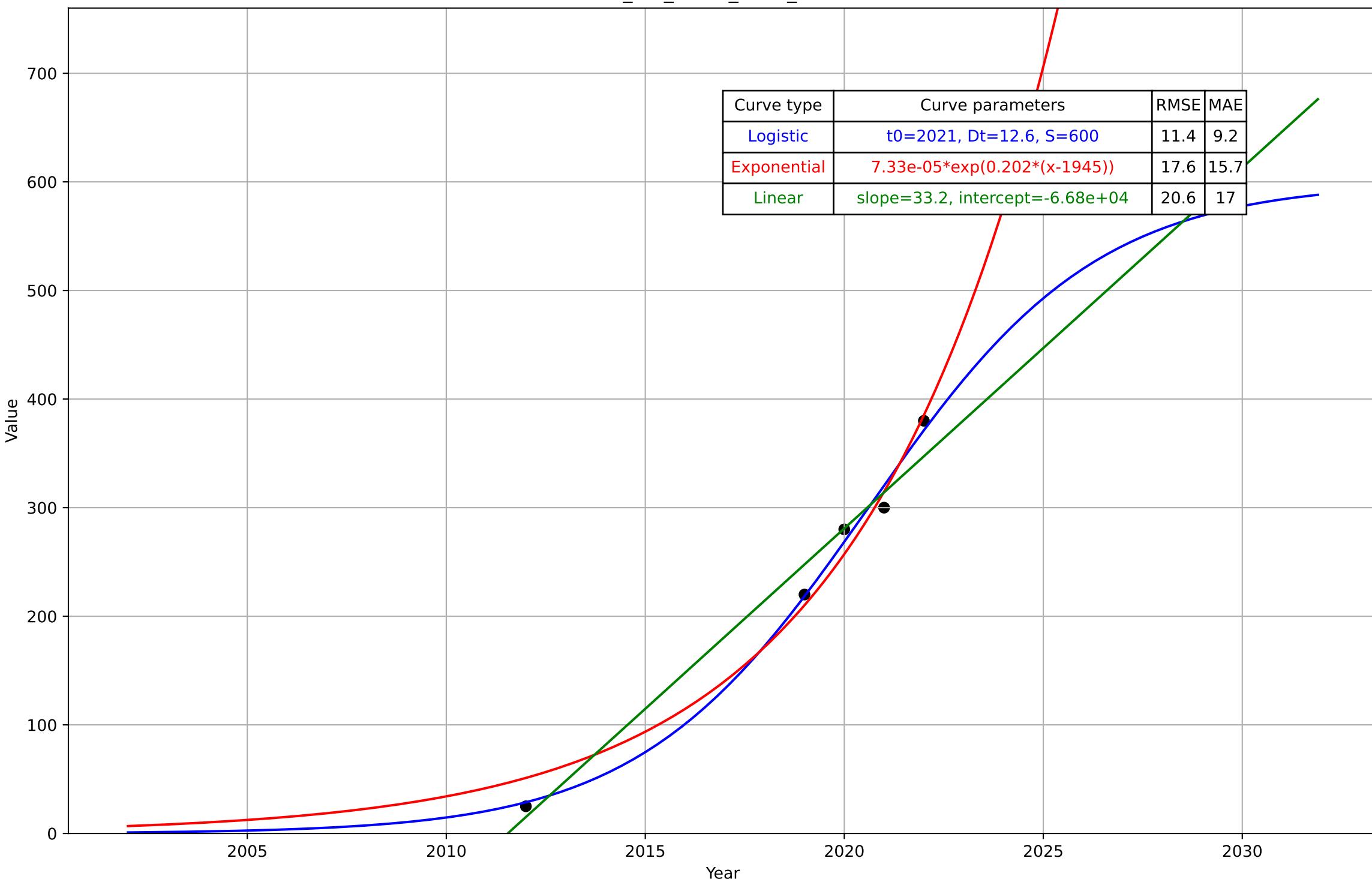
E-bikes
The Netherlands
3.2
Female>male share by age group (50-59)
%
Adopter characteristics
ebi_net_3.2Adc_d098_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2300, Dt=2e+03, S=1	14.5	14.4
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=0.267, intercept=-524	3.65e-14	3.46e-14

E-bikes
The Netherlands
3.2
Female>male share by age group (60-64)
%
Adopter characteristics
ebi_net_3.2Adc_d099_m025

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2300, Dt=2e+03, S=1	18.9	18.8
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=0.2, intercept=-385	1.51e-14	1.07e-14
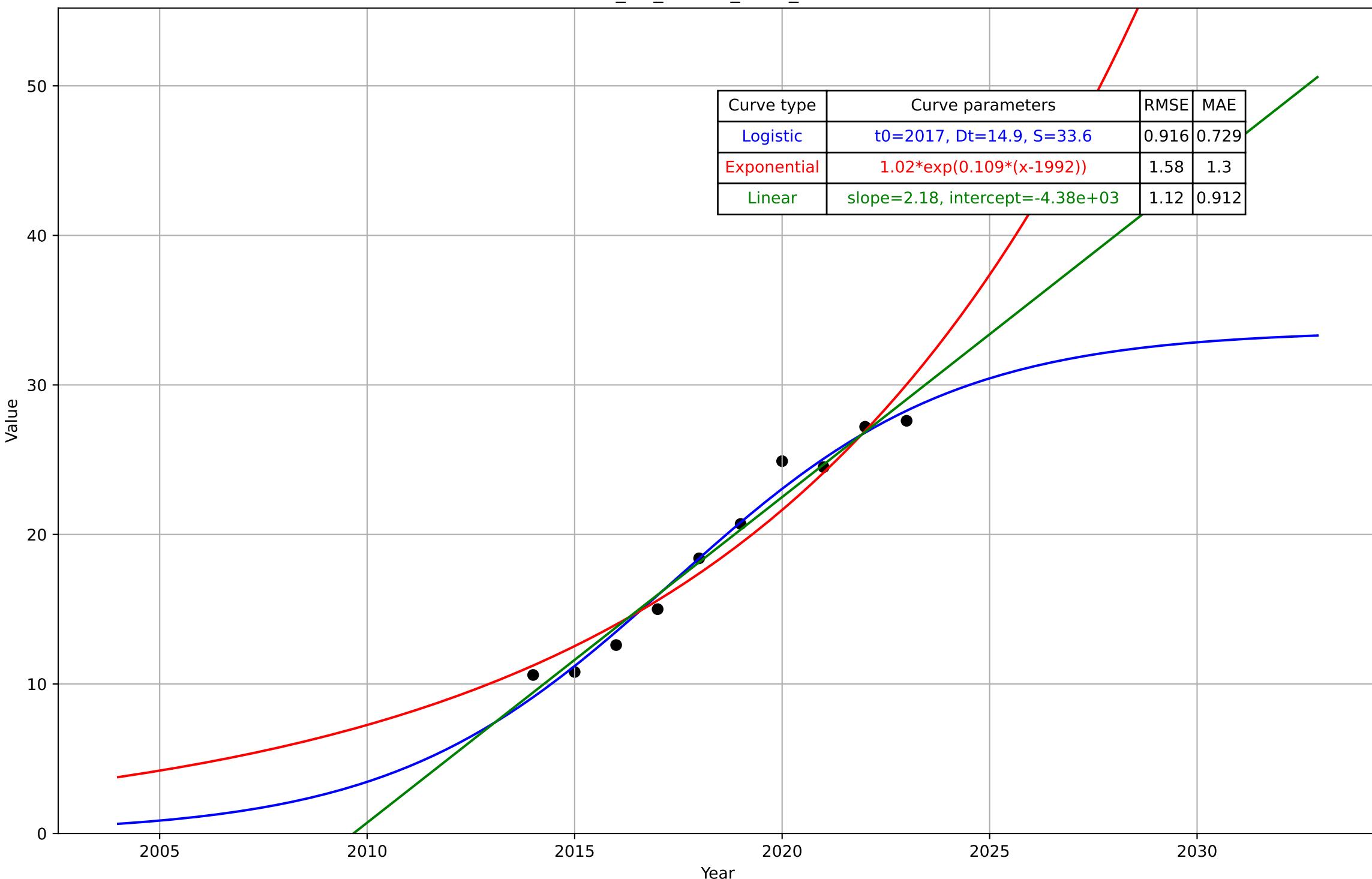
E-bikes
The Netherlands
4.5
Development of cycling distance per person
km
Provisioning system
ebi_net_4.5Inf_d076_m117
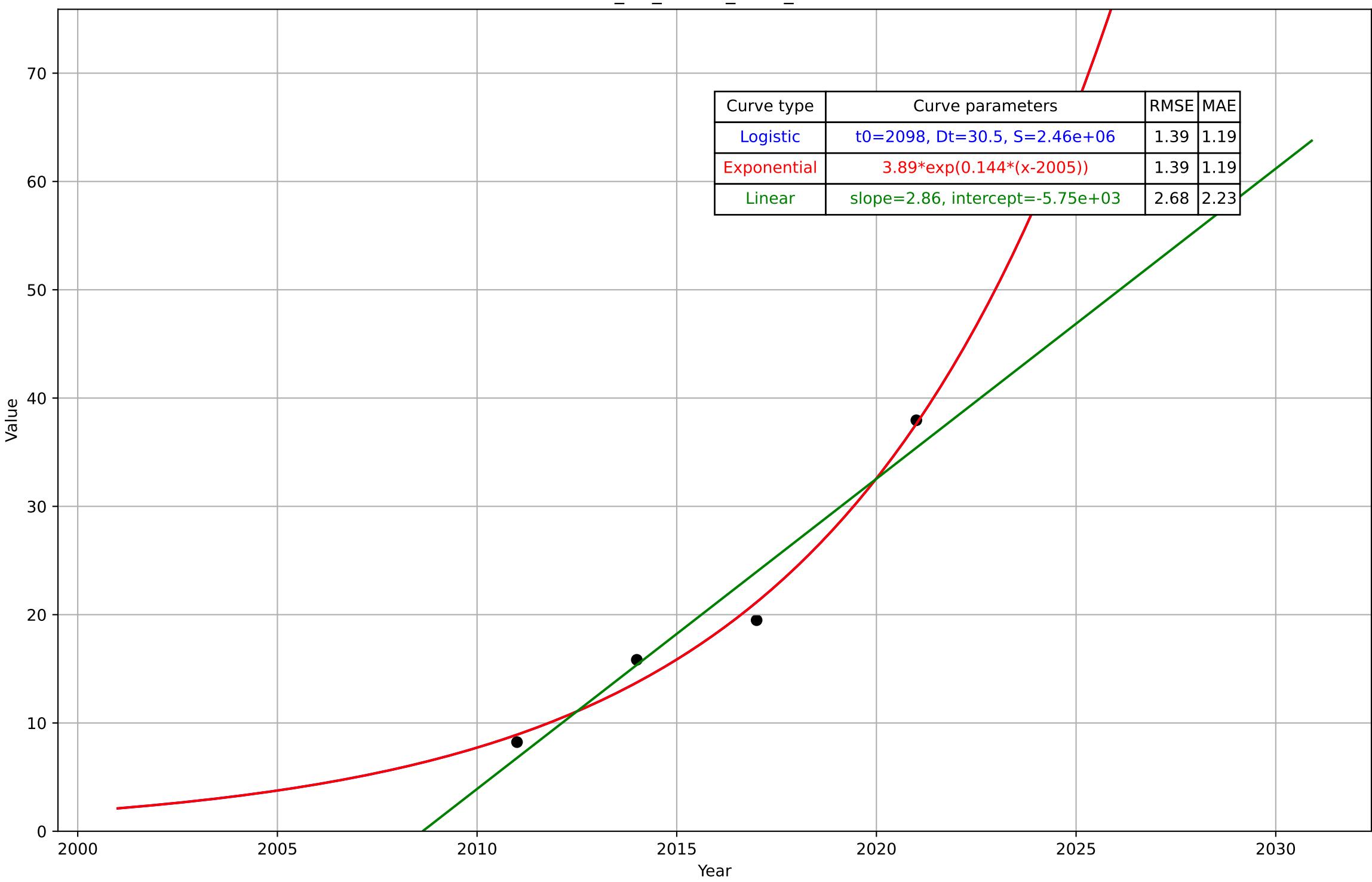
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=12.6, S=600	11.4	9.2
Exponential	7.33e-05*exp(0.202*(x-1945))	17.6	15.7
Linear	slope=33.2, intercept=-6.68e+04	20.6	17

E-commerce
## China
1.1
Internet sales as a percentage of total retail sales (ratio) (%)
% of total retail
Adoption over time
eco_chi_1.1Ado_d117_m068

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=14.9, S=33.6	0.916	0.729
Exponential	1.02*exp(0.109*(x-1992))	1.58	1.3
Linear	slope=2.18, intercept=-4.38e+03	1.12	0.912
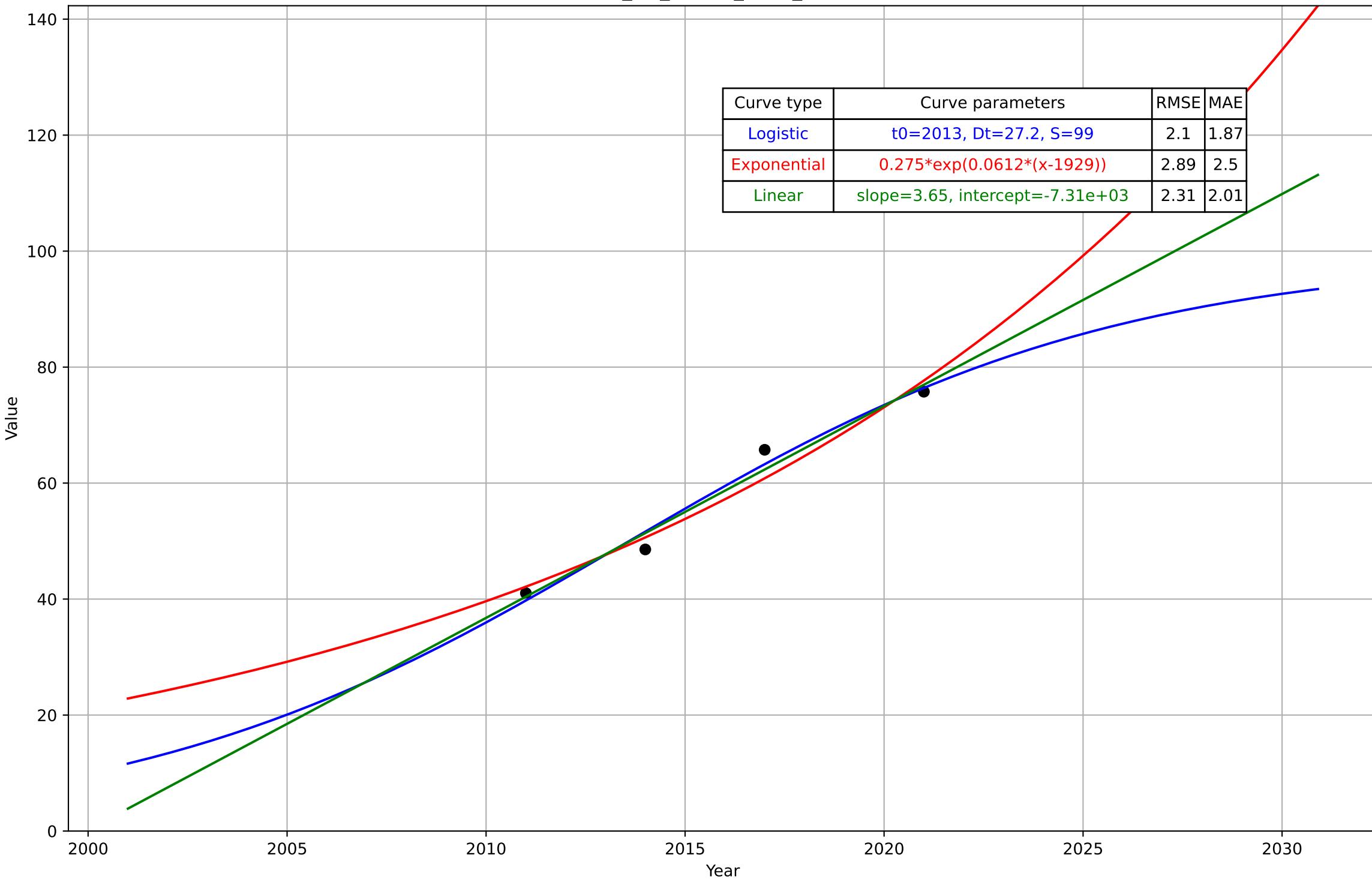
E-commerce
China
2.4
Account in financial institution
% of age 15+
Ease of Use
eco_chi_2.4Eas_d045_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=16.8, S=89.7	2.36	2.1
Exponential	1.68*exp(0.0283*(x-1880))	3.32	2.68
Linear	slope=2.26, intercept=-4.48e+03	3.1	2.57
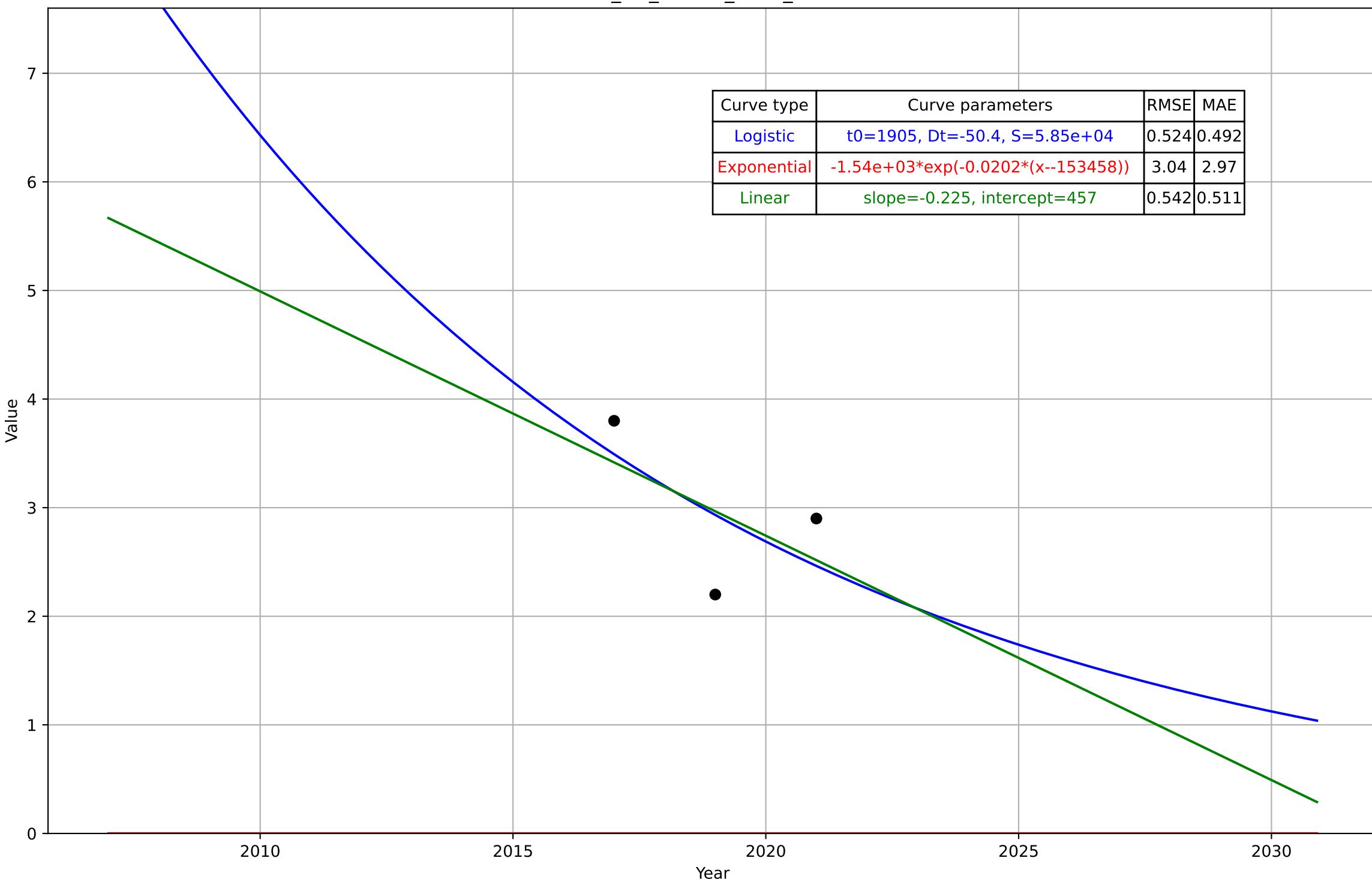
E-commerce
China
2.4
Owns a credit card
% of age 15+
Ease of Use
eco_chi_2.4Eas_d162_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2098, Dt=30.5, S=2.46e+06	1.39	1.19
Exponential	3.89*exp(0.144*(x-2005))	1.39	1.19
Linear	slope=2.86, intercept=-5.75e+03	2.68	2.23
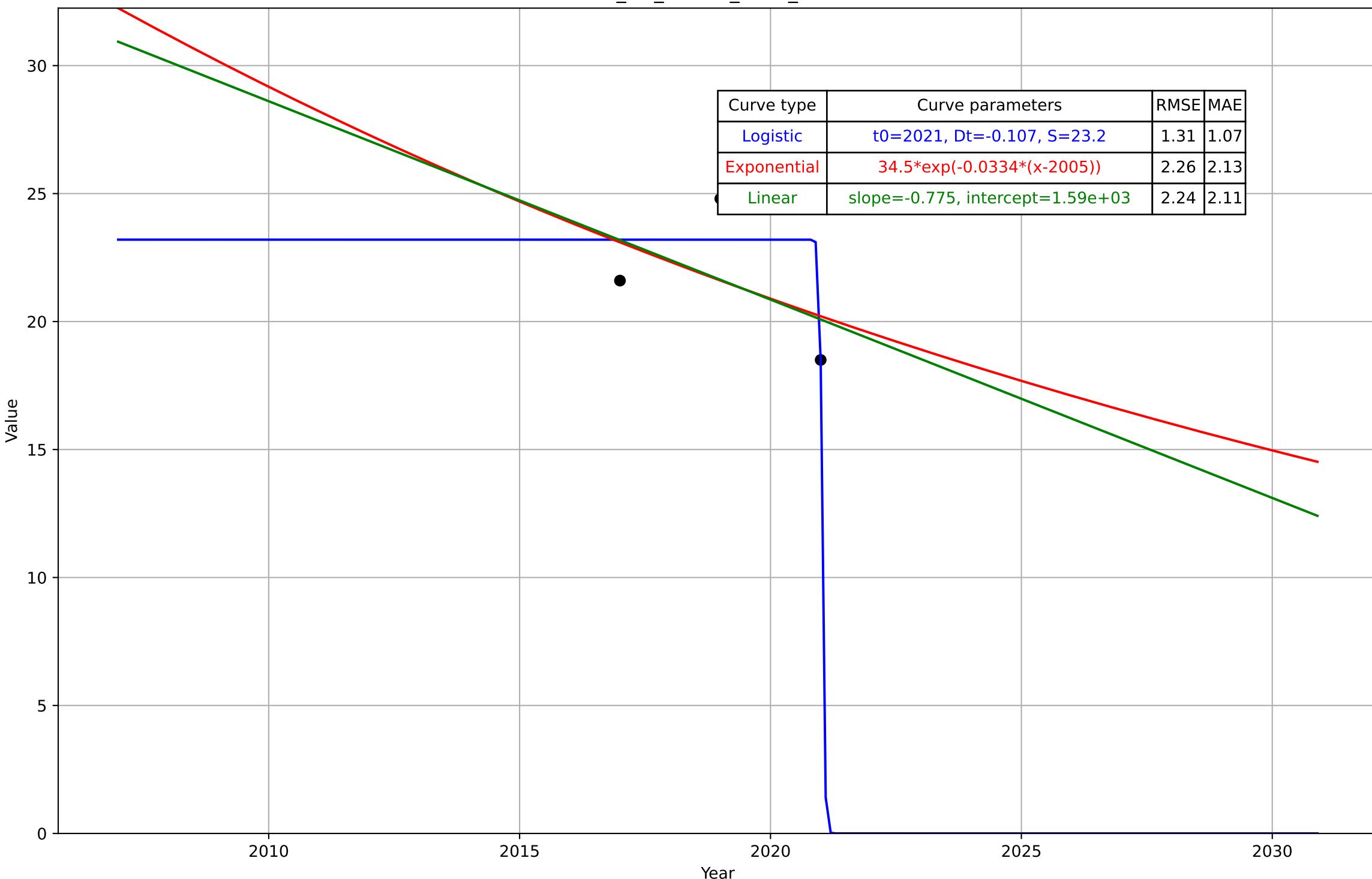
E-commerce
China
2.4
Owns a debit card
% of age 15+
Ease of Use
eco_chi_2.4Eas_d163_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=27.2, S=99	2.1	1.87
Exponential	0.275*exp(0.0612*(x-1929))	2.89	2.5
Linear	slope=3.65, intercept=-7.31e+03	2.31	2.01
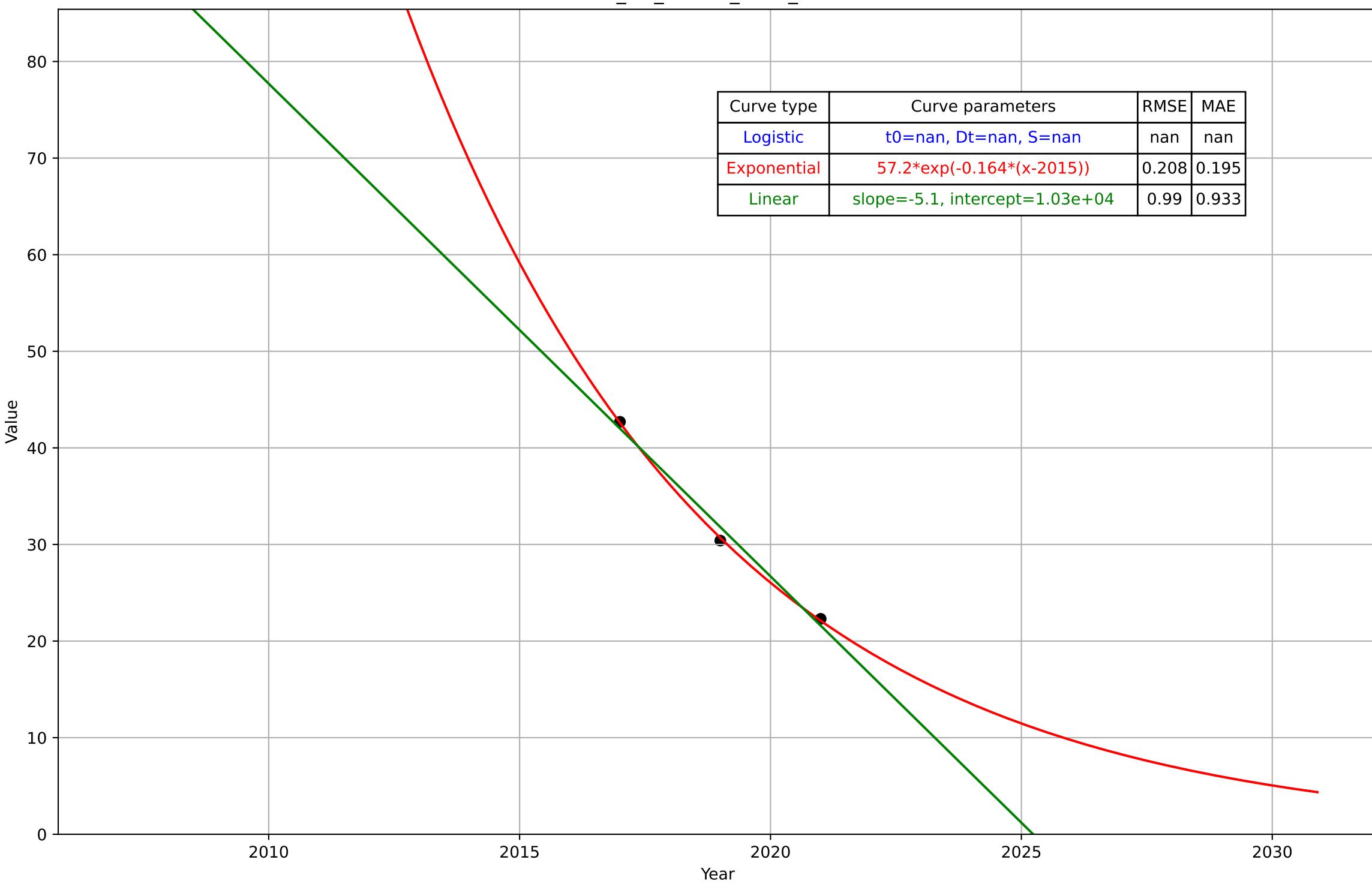
E-commerce
China
3.2
Distribution of newly added e-commerce users by generation (Gen Others)
% of new online shoppers
Adopter characteristics
eco_chi_3.2Adc_d080_m065

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1905, Dt=-50.4, S=5.85e+04	0.524	0.492
Exponential	-1.54e+03*exp(-0.0202*(x--153458))	3.04	2.97
Linear	slope=-0.225, intercept=457	0.542	0.511
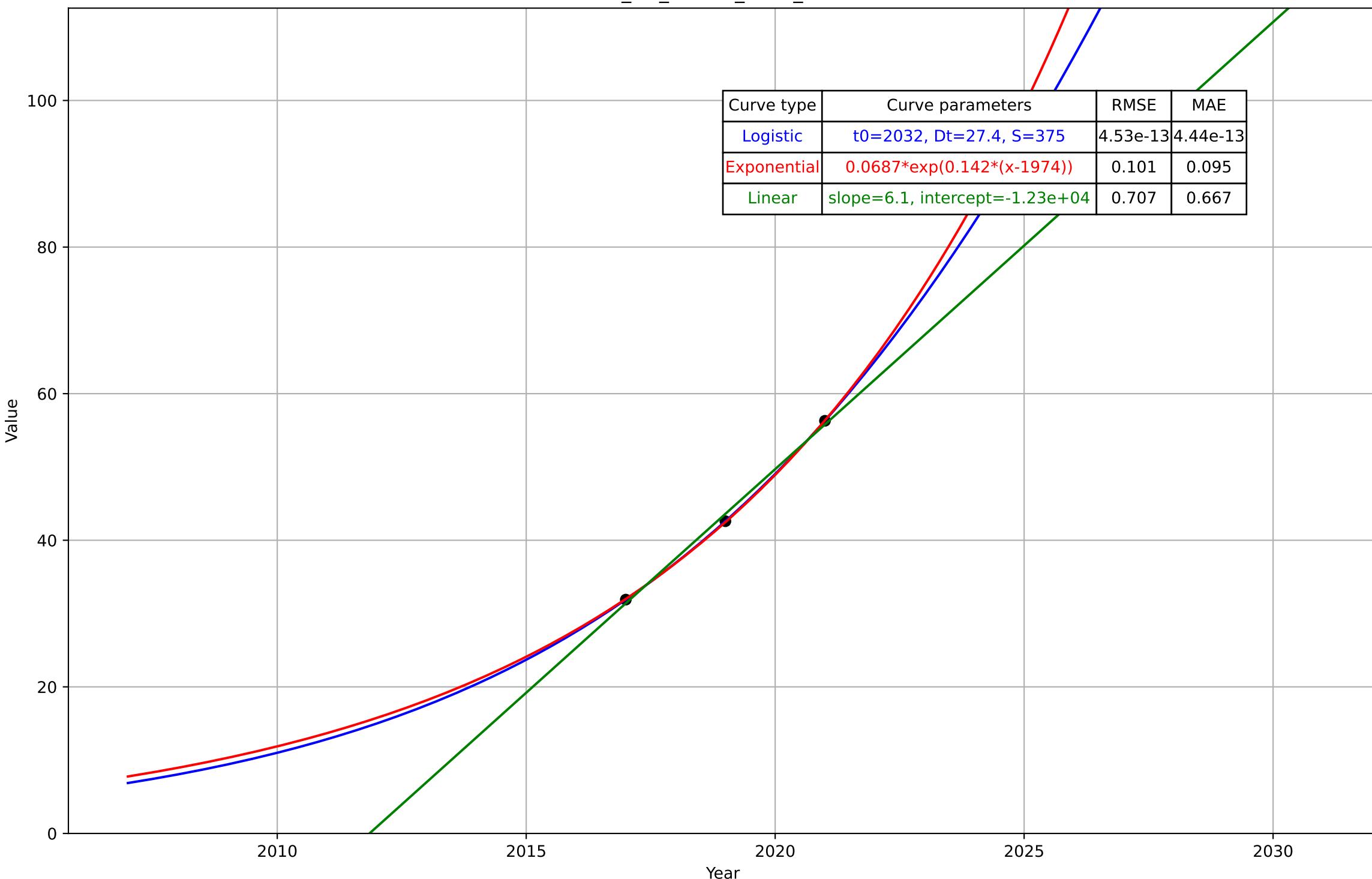
E-commerce
China
3.2
Distribution of newly added e-commerce users by generation (Gen X)
% of new online shoppers
Adopter characteristics
eco_chi_3.2Adc_d081_m065

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-0.107, S=23.2	1.31	1.07
Exponential	34.5*exp(-0.0334*(x-2005))	2.26	2.13
Linear	slope=-0.775, intercept=1.59e+03	2.24	2.11
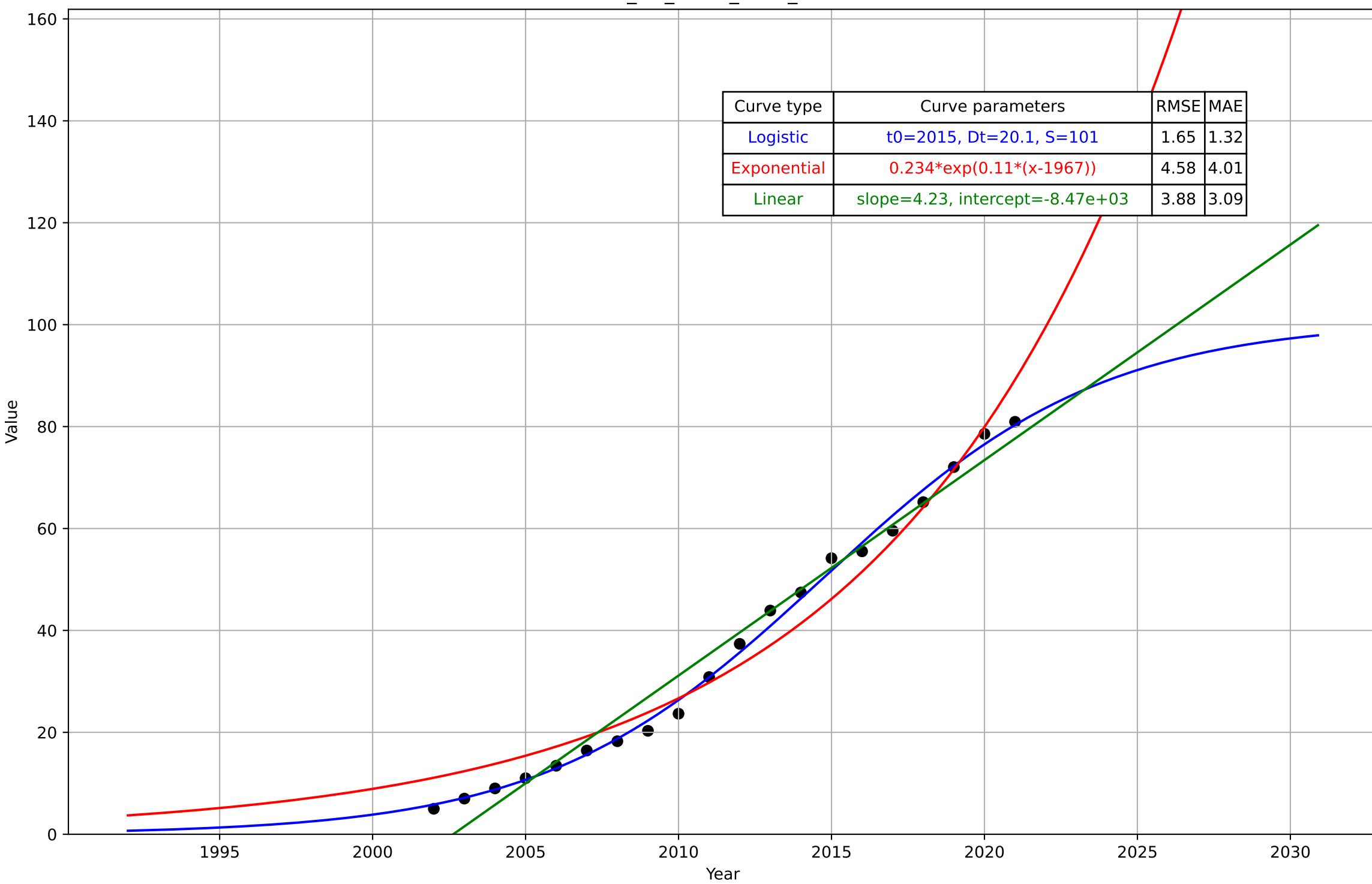
E-commerce
China
3.2
Distribution of newly added e-commerce users by generation (Gen Y)
% of new online shoppers
Adopter characteristics
eco_chi_3.2Adc_d082_m065

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	57.2*exp(-0.164*(x-2015))	0.208	0.195
Linear	slope=-5.1, intercept=1.03e+04	0.99	0.933
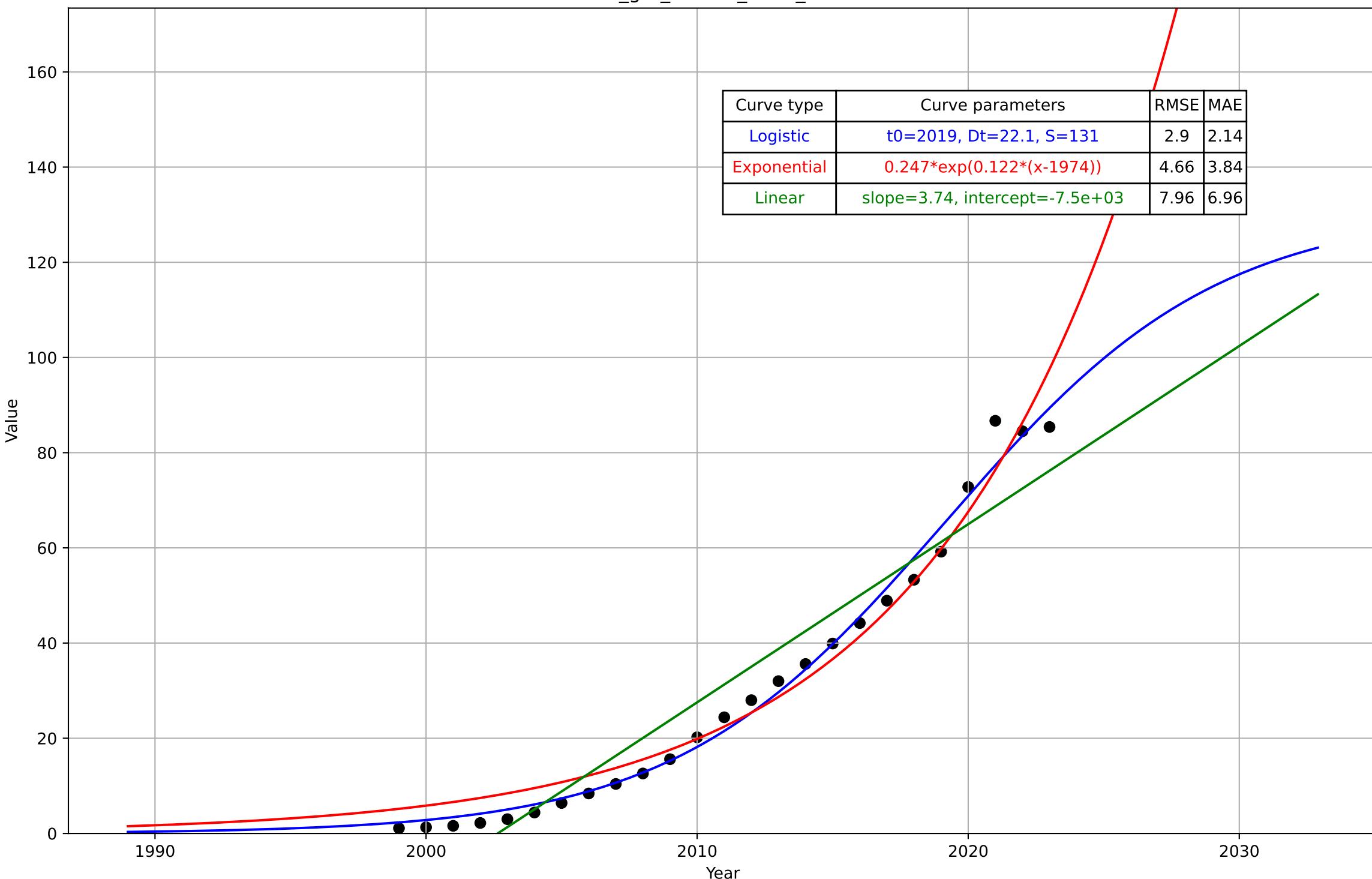
E-commerce
China
3.2
Distribution of newly added e-commerce users by generation (Gen Z)
% of new online shoppers
#### Adopter characteristics
eco_chi_3.2Adc_d083_m065


Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2032, Dt=27.4, S=375	4.53e-13	4.44e-13
Exponential	0.0687*exp(0.142*(x-1974))	0.101	0.095
Linear	slope=6.1, intercept=-1.23e+04	0.707	0.667
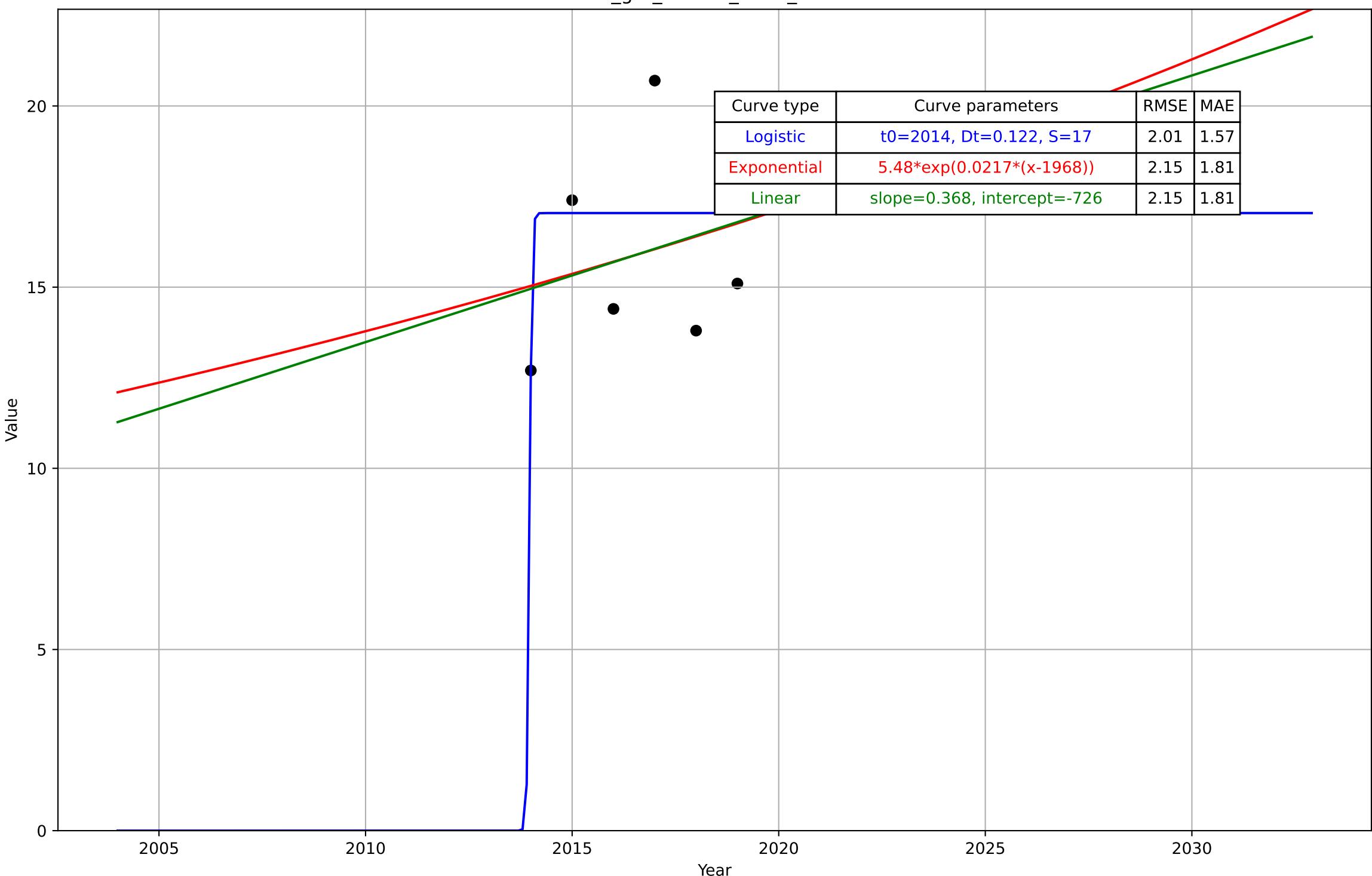
E-commerce
China
4.5
Proportion of households with Internet access either via a fixed or mobile network
% of households
Infrastructure dependence
eco_chi_4.5Inf_d177_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=20.1, S=101	1.65	1.32
Exponential	0.234*exp(0.11*(x-1967))	4.58	4.01
Linear	slope=4.23, intercept=-8.47e+03	3.88	3.09
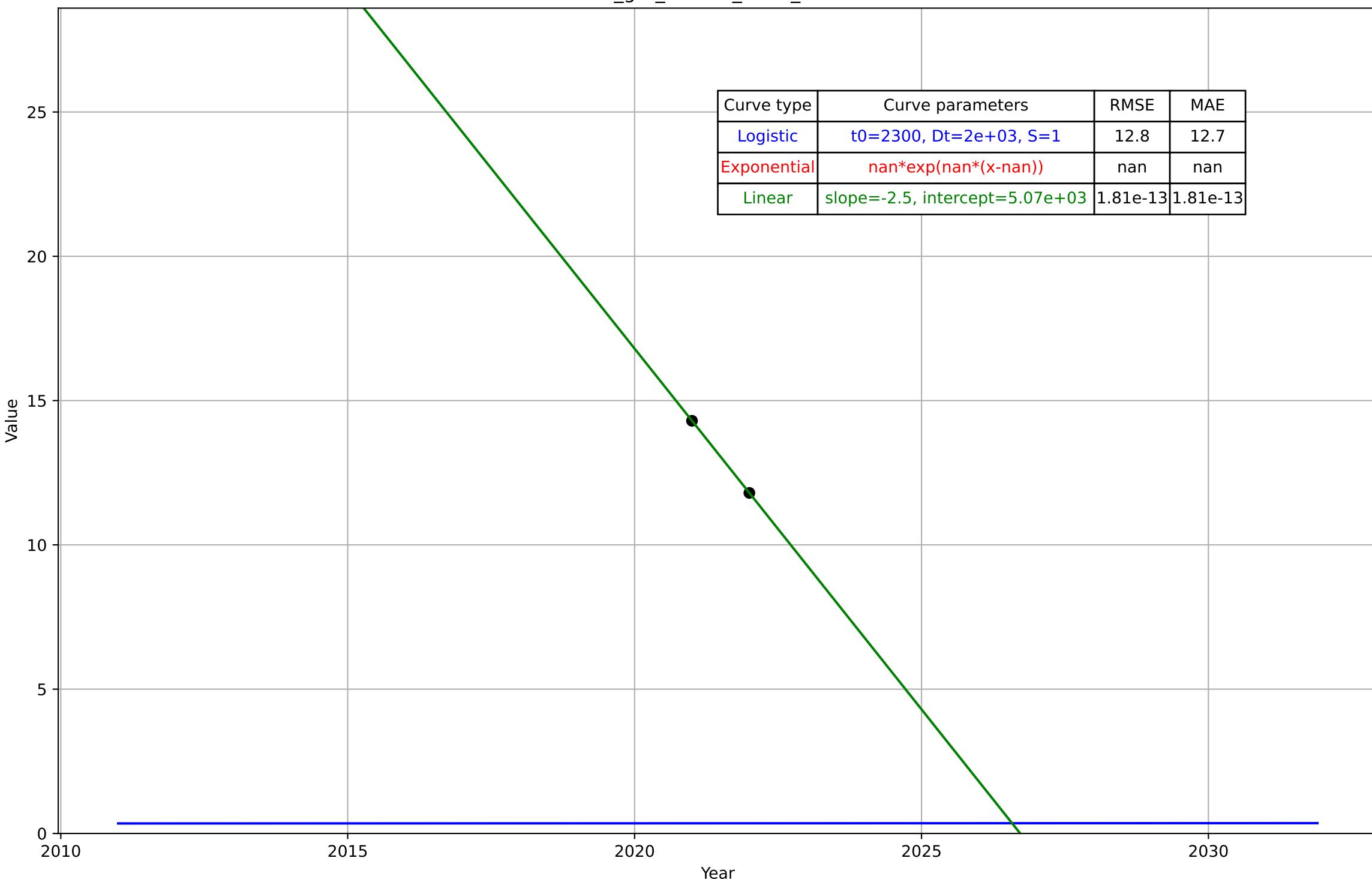
E-commerce
Germany
1.1
Annual Internet retail (B2C) sales value
Billion Euros
Adoption over time
eco_ger_1.1Ado_d049_m092

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=22.1, S=131	2.9	2.14
Exponential	0.247*exp(0.122*(x-1974))	4.66	3.84
Linear	slope=3.74, intercept=-7.5e+03	7.96	6.96
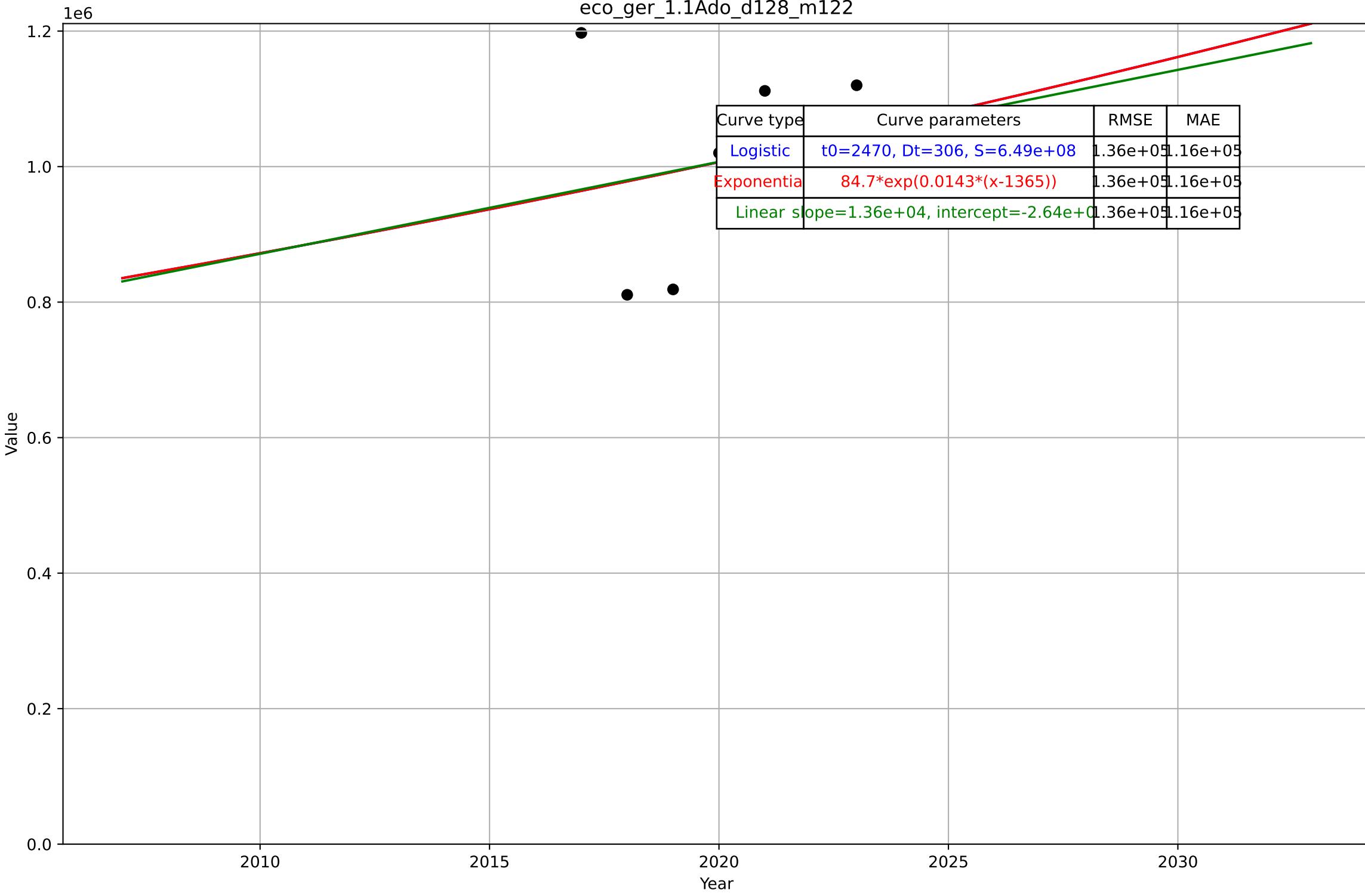
E-commerce
Germany
1.1
Enterprises' total turnover from e-commerce sales (all activities - B2B, B2C, B2G)
% of turnover
Adoption over time
eco_ger_1.1Ado_d094_m069

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=0.122, S=17	2.01	1.57
Exponential	5.48*exp(0.0217*(x-1968))	2.15	1.81
Linear	slope=0.368, intercept=-726	2.15	1.81
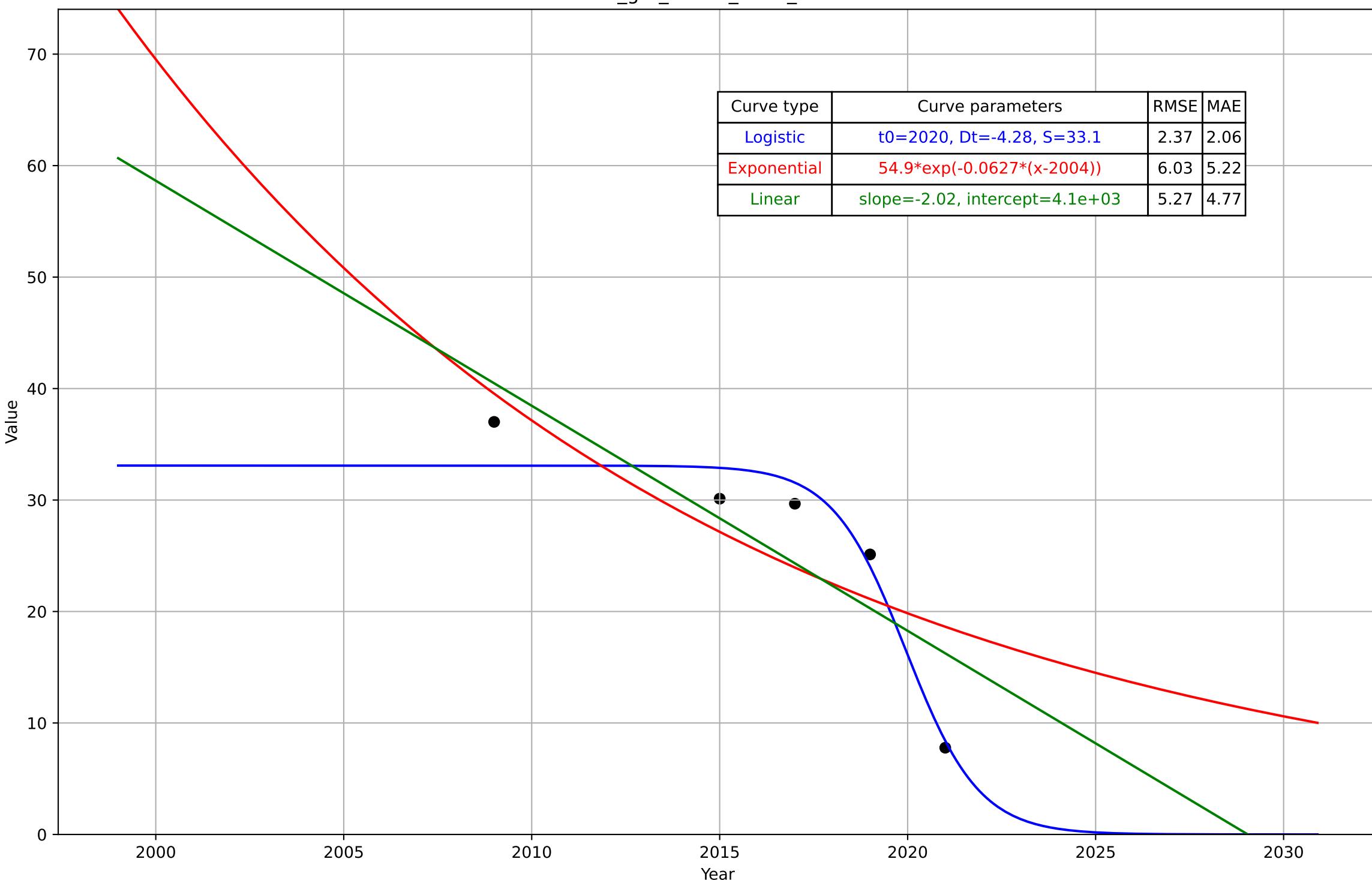
E-commerce
Germany
1.1
Internet sales as a percentage of total retail (B2C) sales (ratio) (%)
% of total retail
Adoption over time
eco_ger_1.1Ado_d116_m068

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2300, Dt=2e+03, S=1	12.8	12.7
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=-2.5, intercept=5.07e+03	1.81e-13	1.81e-13

E-commerce
Germany
1.1
Monetary value of e-commerce sales (all activities - B2B, B2C, B2G)
Million euro
Adoption over time
eco_ger_1.1Ado_d128_m122

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2470, Dt=306, S=6.49e+08	1.36e+05	1.16e+05
Exponential	84.7*exp(0.0143*(x-1365))	1.36e+05	1.16e+05
Linear	slope=1.36e+04, intercept=-2.64e+0	1.36e+05	1.16e+05
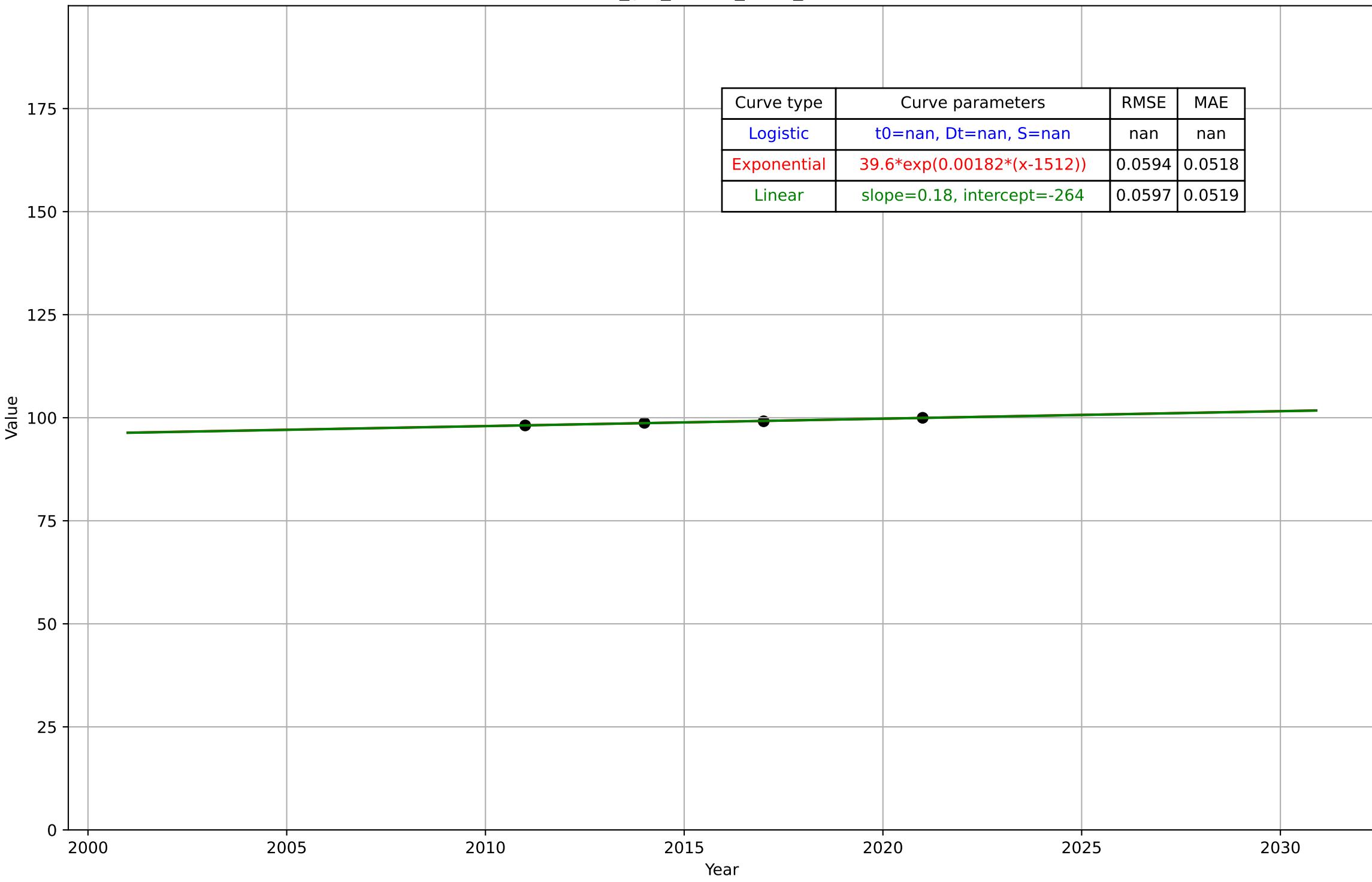
E-commerce
Germany
2.3
Share of Internet users not buying online due to payment security concerns
% of internet users
Relative (dis)advantage
eco_ger_2.3Rel_d190_m062

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-4.28, S=33.1	2.37	2.06
Exponential	54.9*exp(-0.0627*(x-2004))	6.03	5.22
Linear	slope=-2.02, intercept=4.1e+03	5.27	4.77
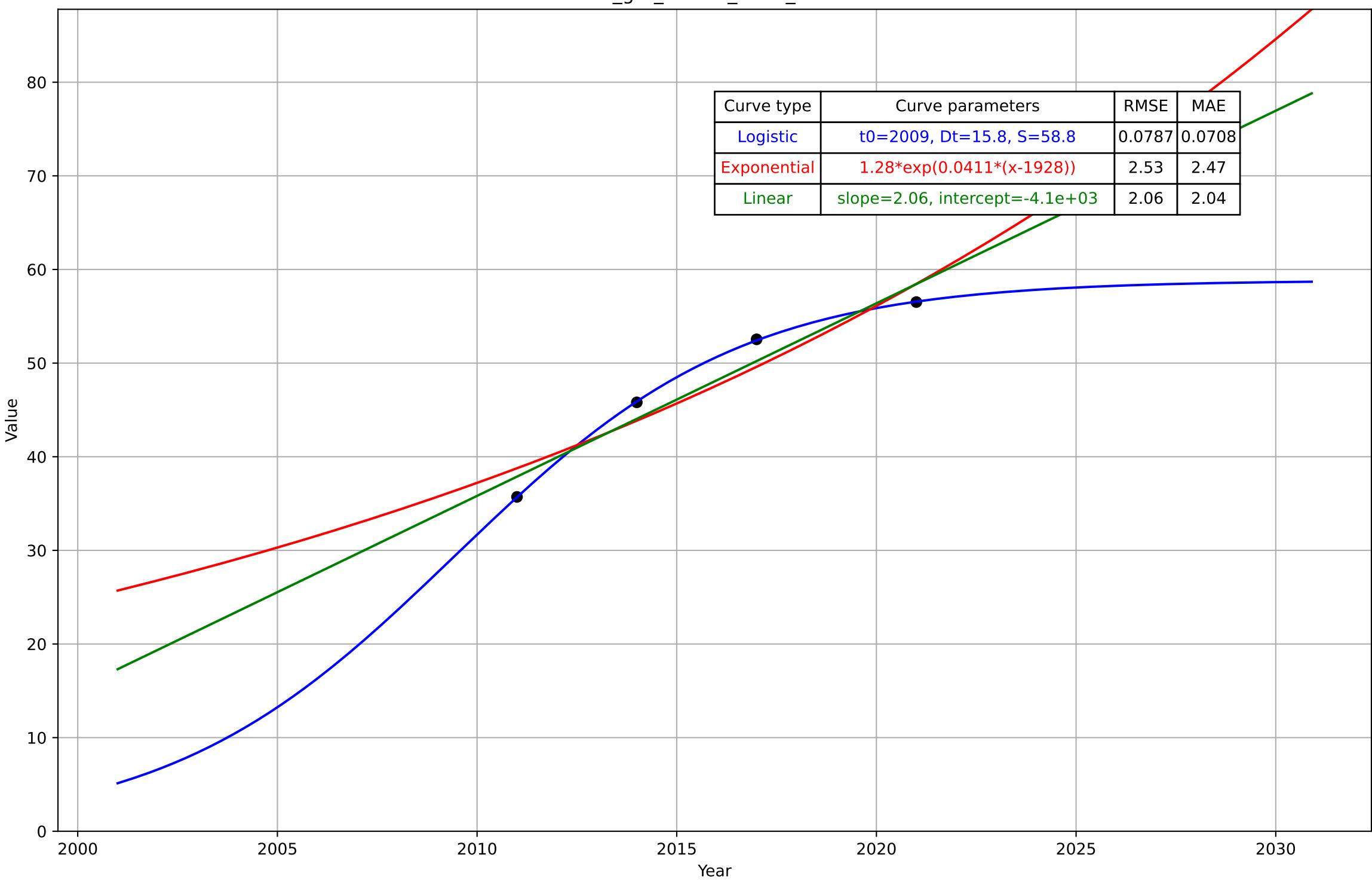
E-commerce
Germany
2.4
Account in financial institution
% of age 15+
Ease of Use
eco_ger_2.4Eas_d045_m053
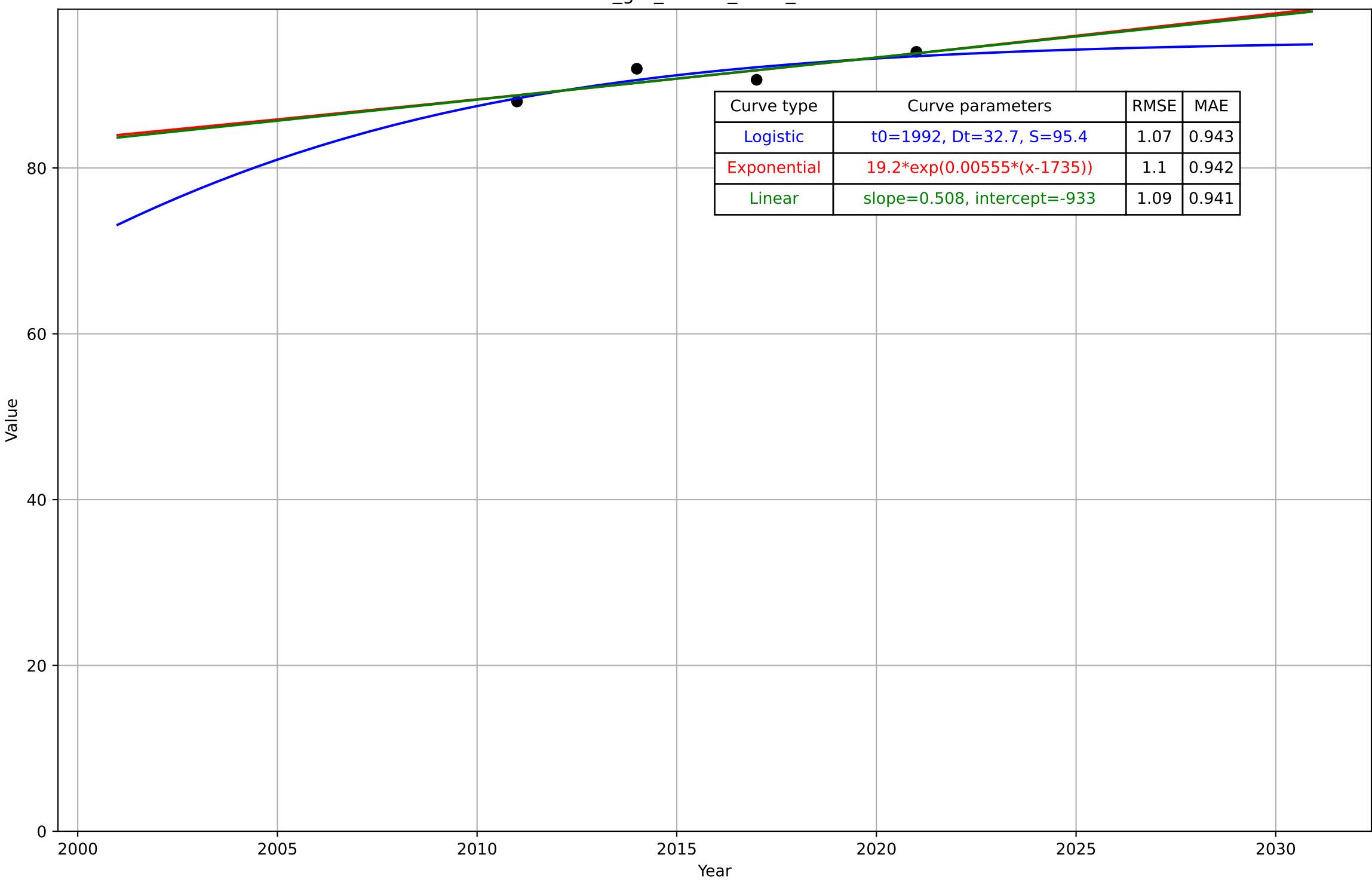
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	39.6*exp(0.00182*(x-1512))	0.0594	0.0518
Linear	slope=0.18, intercept=-264	0.0597	0.0519

E-commerce
Germany
2.4
Owns a credit card
% of age 15+
Ease of Use
eco_ger_2.4Eas_d162_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=15.8, S=58.8	0.0787	0.0708
Exponential	1.28*exp(0.0411*(x-1928))	2.53	2.47
Linear	slope=2.06, intercept=-4.1e+03	2.06	2.04

E-commerce
Germany
2.4
Owns a debit card
% of age 15+
Ease of Use
eco_ger_2.4Eas_d163_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1992, Dt=32.7, S=95.4	1.07	0.943
Exponential	19.2*exp(0.00555*(x-1735))	1.1	0.942
Linear	slope=0.508, intercept=-933	1.09	0.941
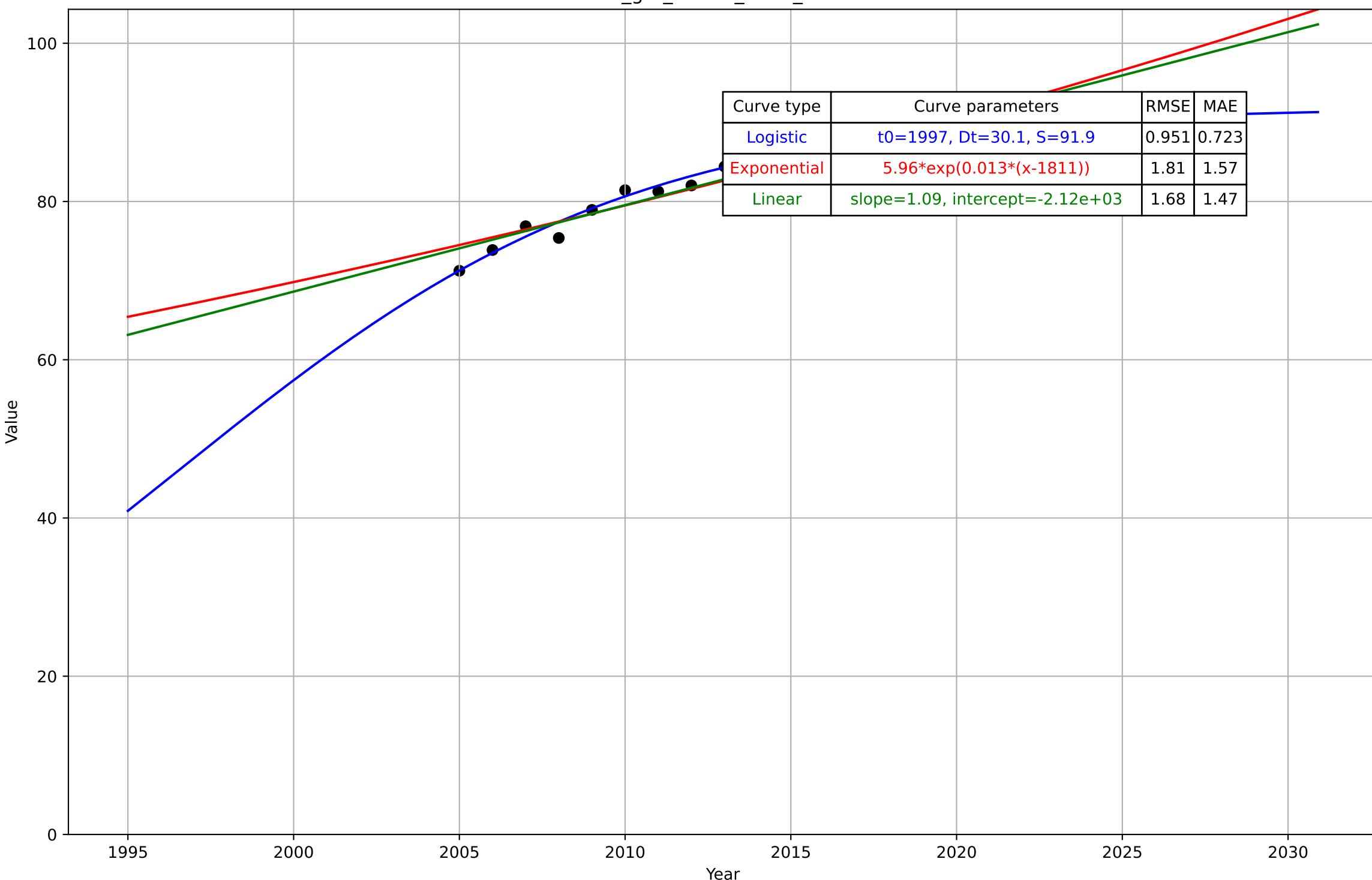
E-commerce
Germany
2.5
Businesses with a web presence
% of business
Variety (Choice Availability)
eco_ger_2.5Var_d067_m055
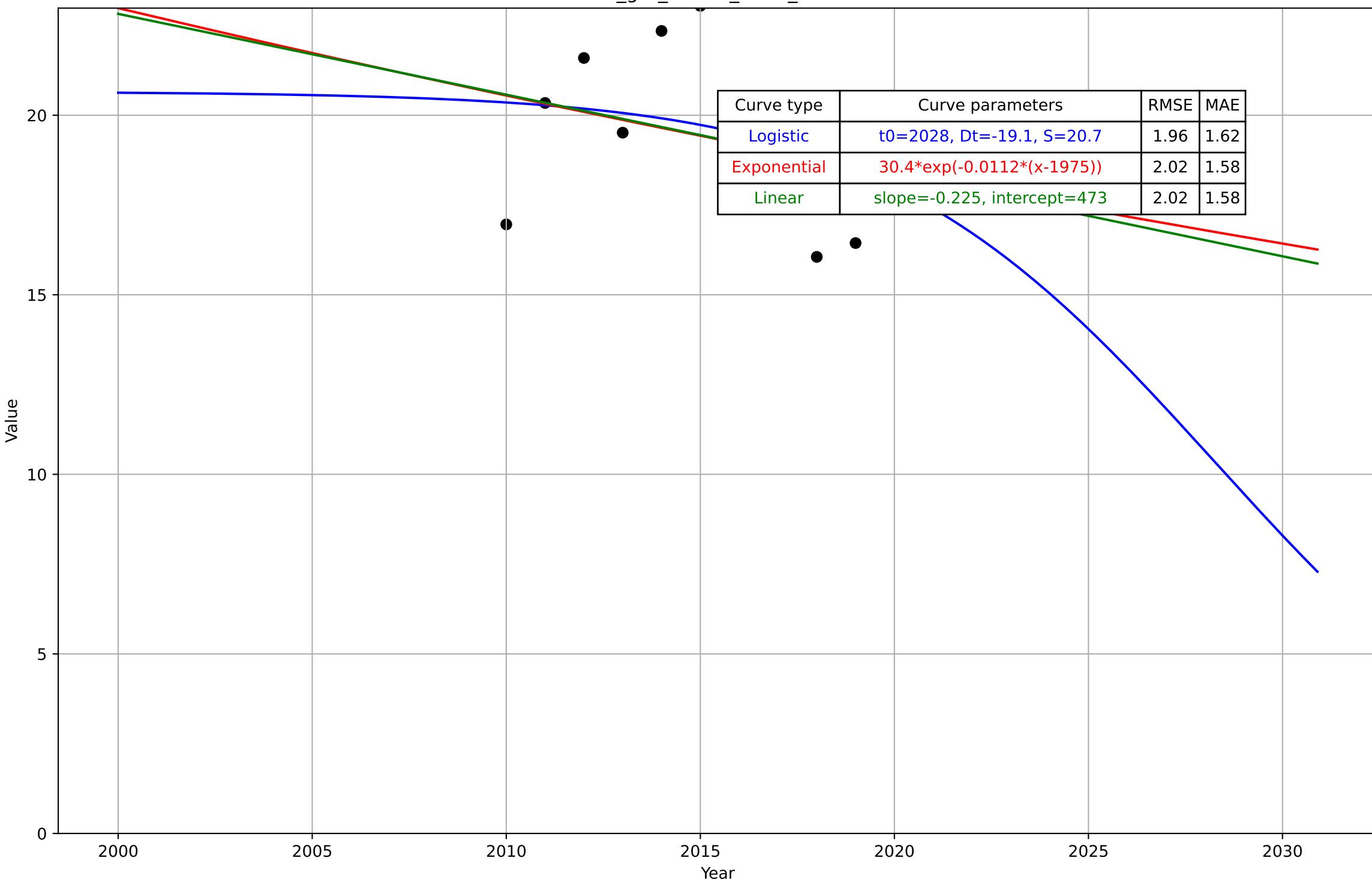
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1997, Dt=30.1, S=91.9	0.951	0.723
Exponential	5.96*exp(0.013*(x-1811))	1.81	1.57
Linear	slope=1.09, intercept=-2.12e+03	1.68	1.47

Value

Year
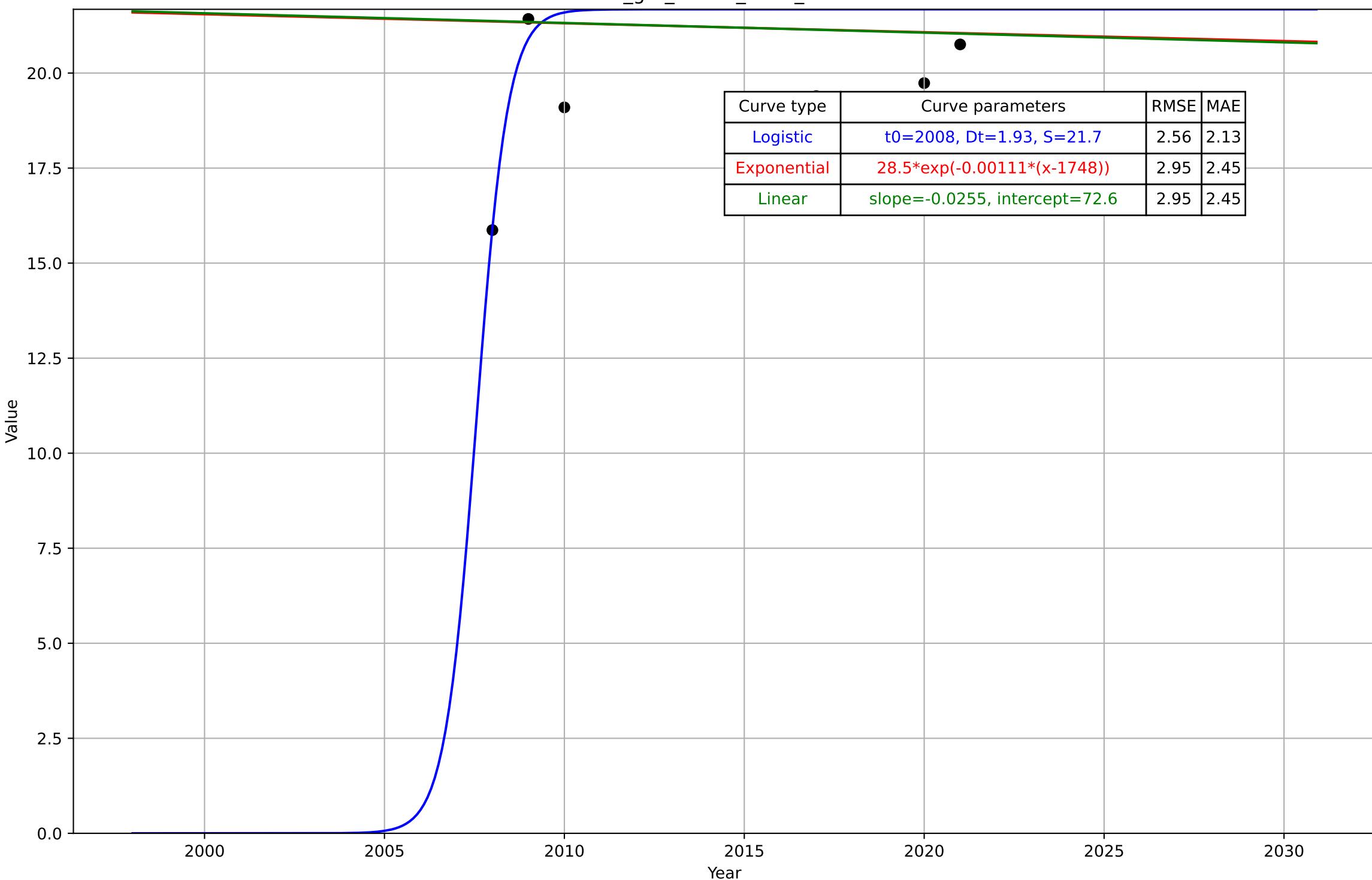
E-commerce
Germany
2.5
Share of businesses receiving orders through the Internet
% of business
Variety (Choice Availability)
eco_ger_2.5Var_d187_m055
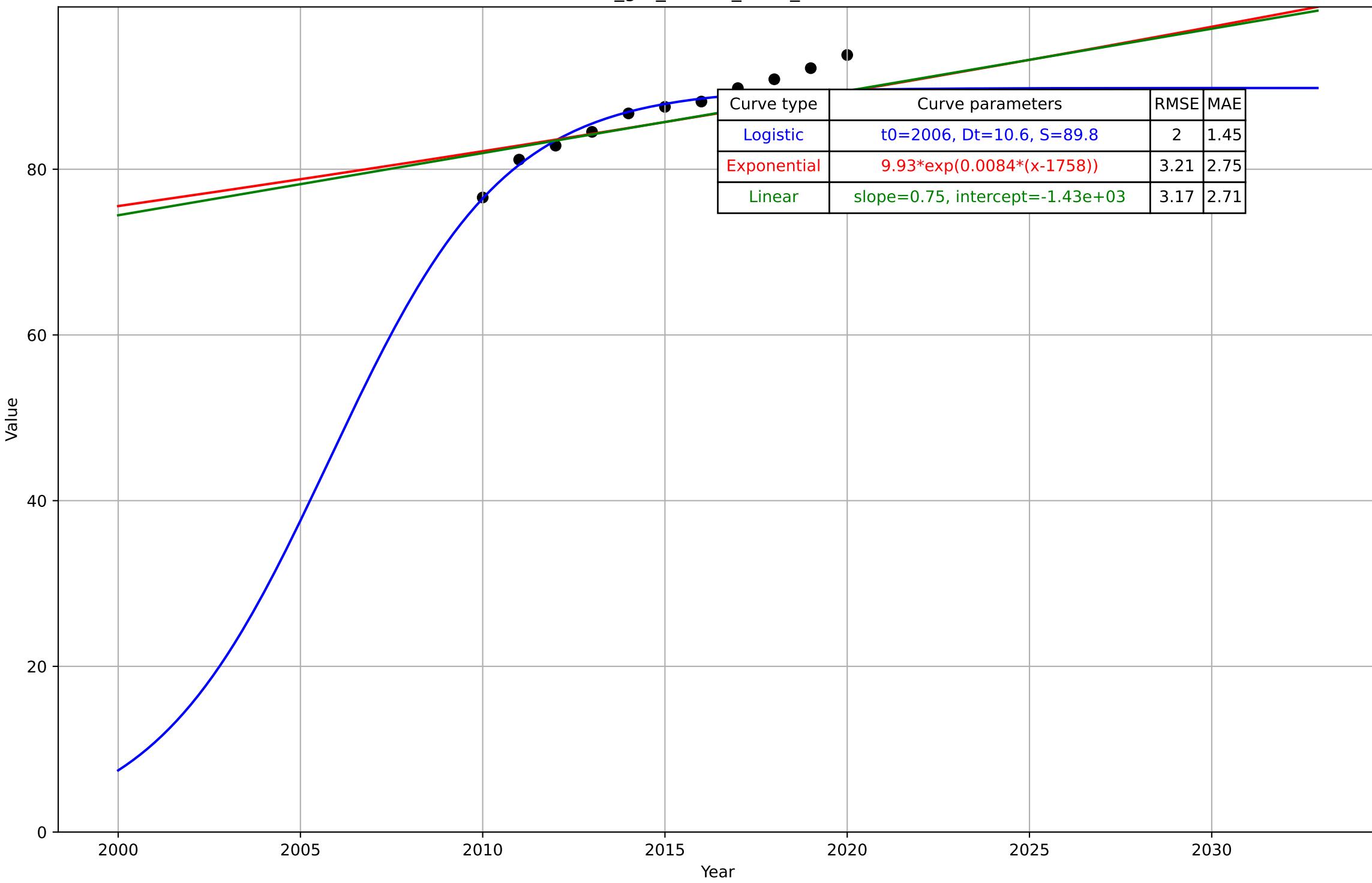
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2028, Dt=-19.1, S=20.7	1.96	1.62
Exponential	30.4*exp(-0.0112*(x-1975))	2.02	1.58
Linear	slope=-0.225, intercept=473	2.02	1.58

# E-commerce
Germany
2.5
Small firms selling online
% of small firms (10-49 employees)
Variety (Choice Availability)
eco_ger_2.5Var_d196_m067

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=1.93, S=21.7	2.56	2.13
Exponential	28.5*exp(-0.00111*(x-1748))	2.95	2.45
Linear	slope=-0.0255, intercept=72.6	2.95	2.45
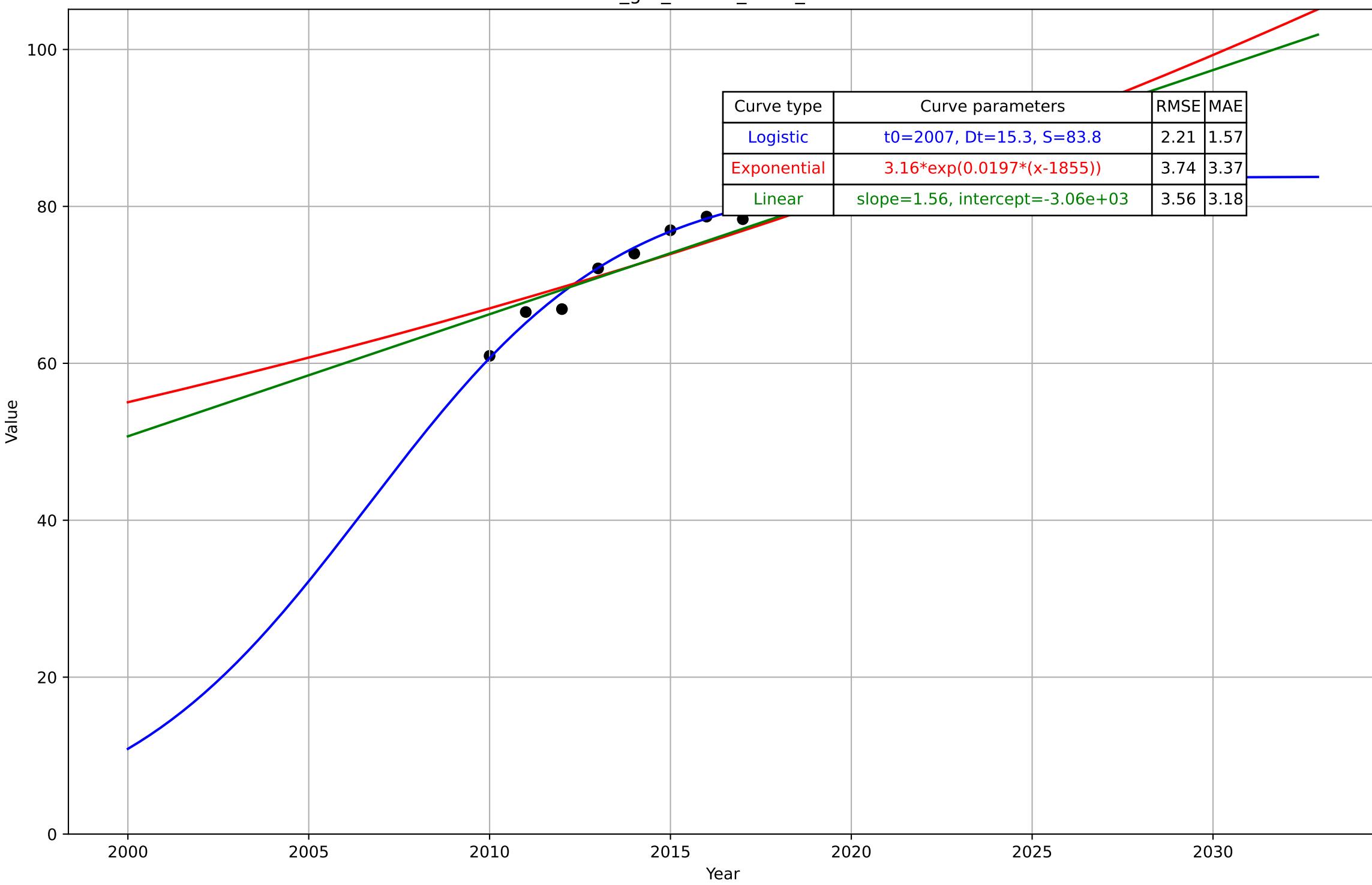
E-commerce
Germany
3.2
% of individuals who made purchases online (age 25-34)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d014_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=6.41, S=91.7	2.5	2
Exponential	34.6*exp(0.00204*(x-1543))	3.02	2.58
Linear	slope=0.189, intercept=-291	3.02	2.58
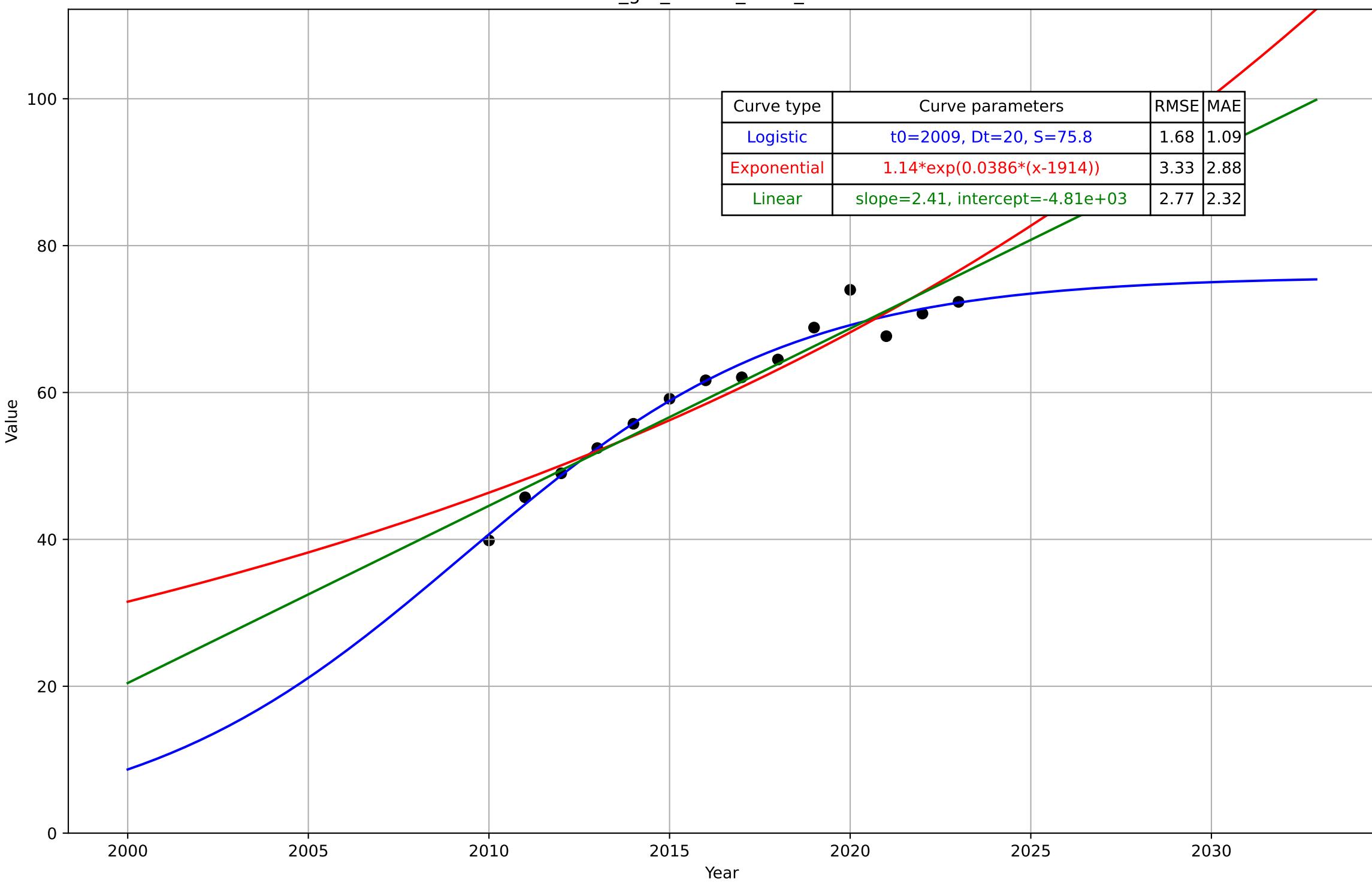
E-commerce
Germany
3.2
% of individuals who made purchases online (age 35-44)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d015_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=10.6, S=89.8	2	1.45
Exponential	9.93*exp(0.0084*(x-1758))	3.21	2.75
Linear	slope=0.75, intercept=-1.43e+03	3.17	2.71
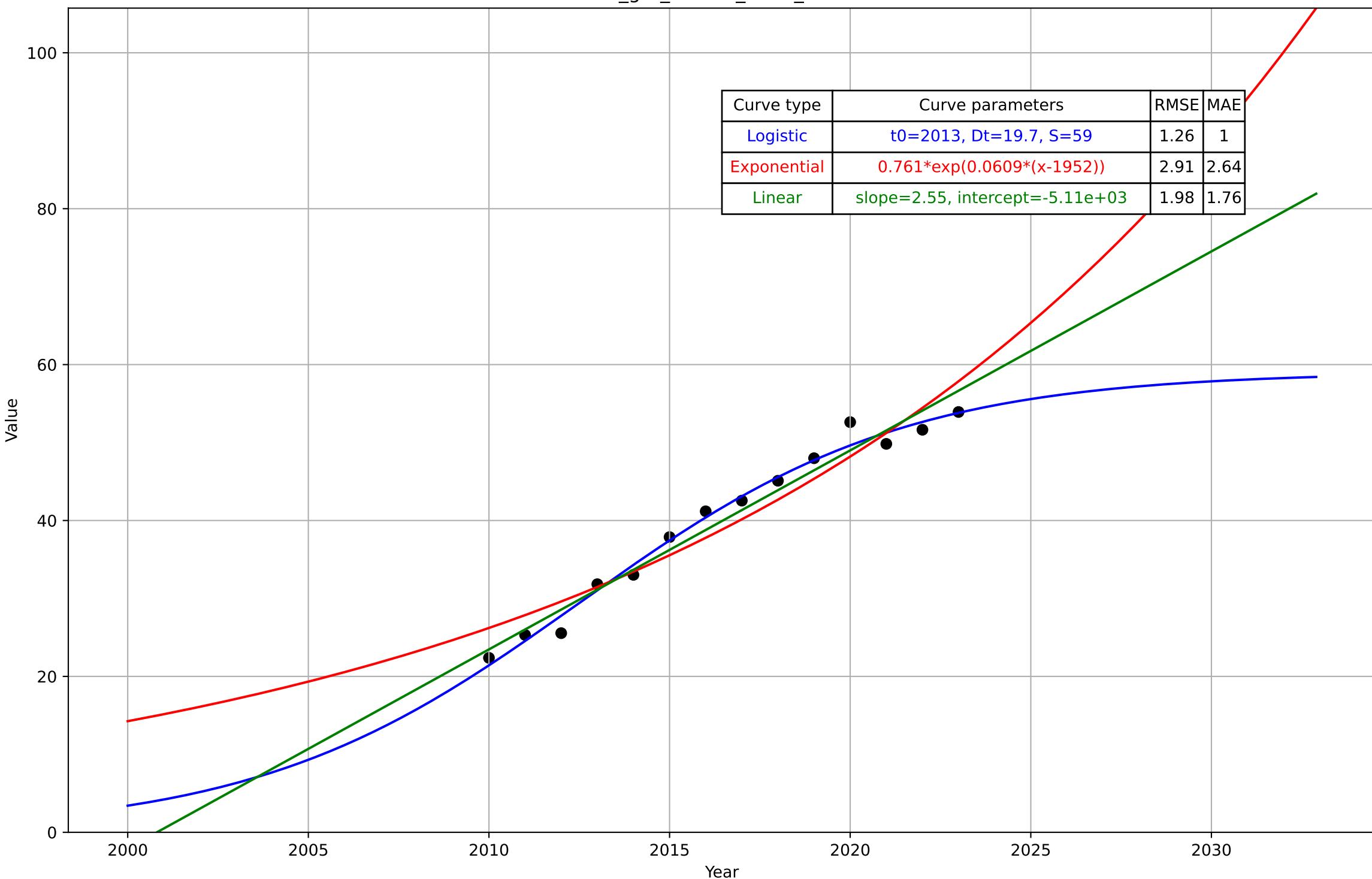
E-commerce
Germany
3.2
% of individuals who made purchases online (age 45-54)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d016_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=15.3, S=83.8	2.21	1.57
Exponential	3.16*exp(0.0197*(x-1855))	3.74	3.37
Linear	slope=1.56, intercept=-3.06e+03	3.56	3.18
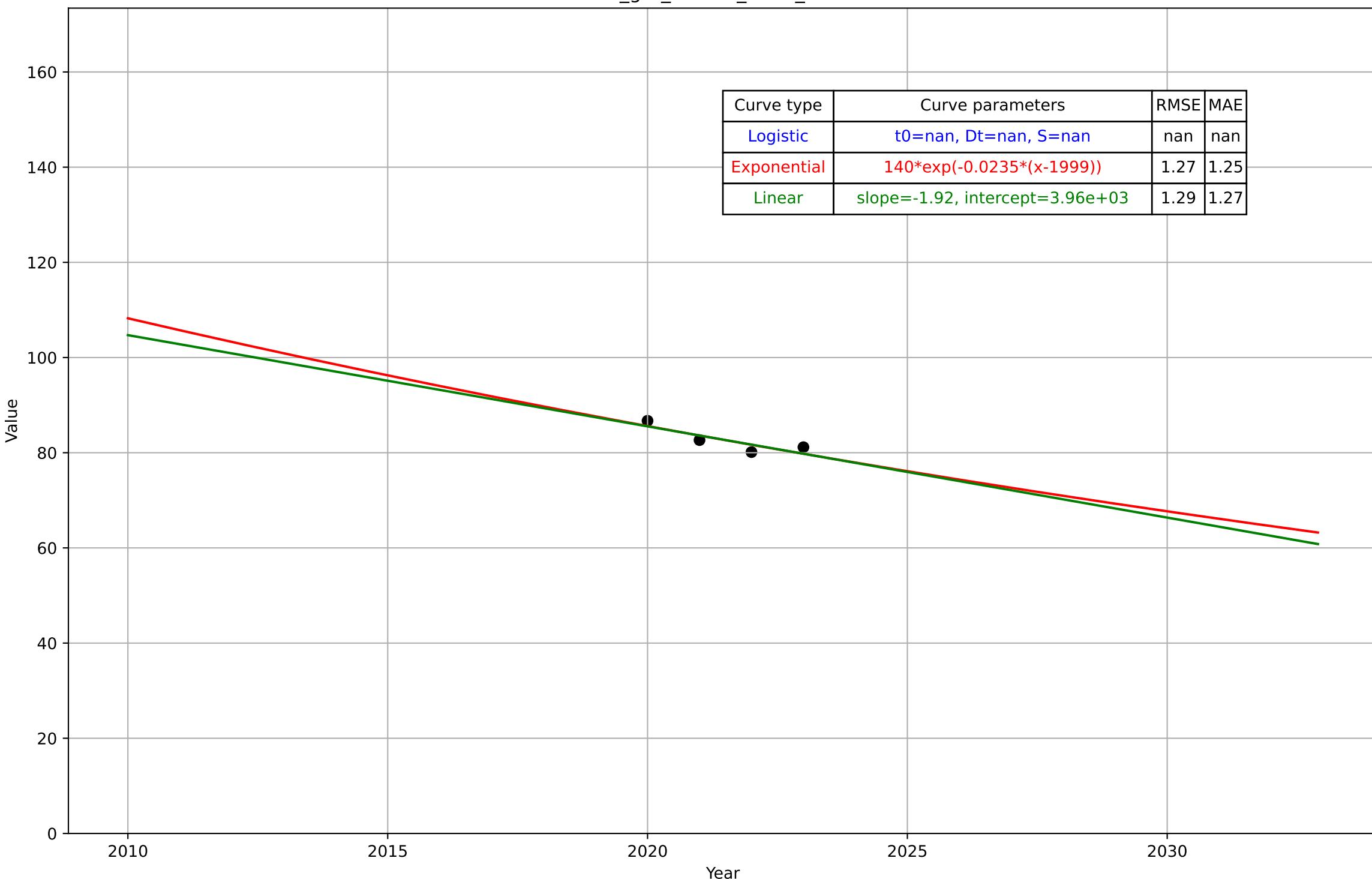
E-commerce
Germany
3.2
% of individuals who made purchases online (age 55-64)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d017_m054

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=20, S=75.8	1.68	1.09
Exponential	1.14*exp(0.0386*(x-1914))	3.33	2.88
Linear	slope=2.41, intercept=-4.81e+03	2.77	2.32
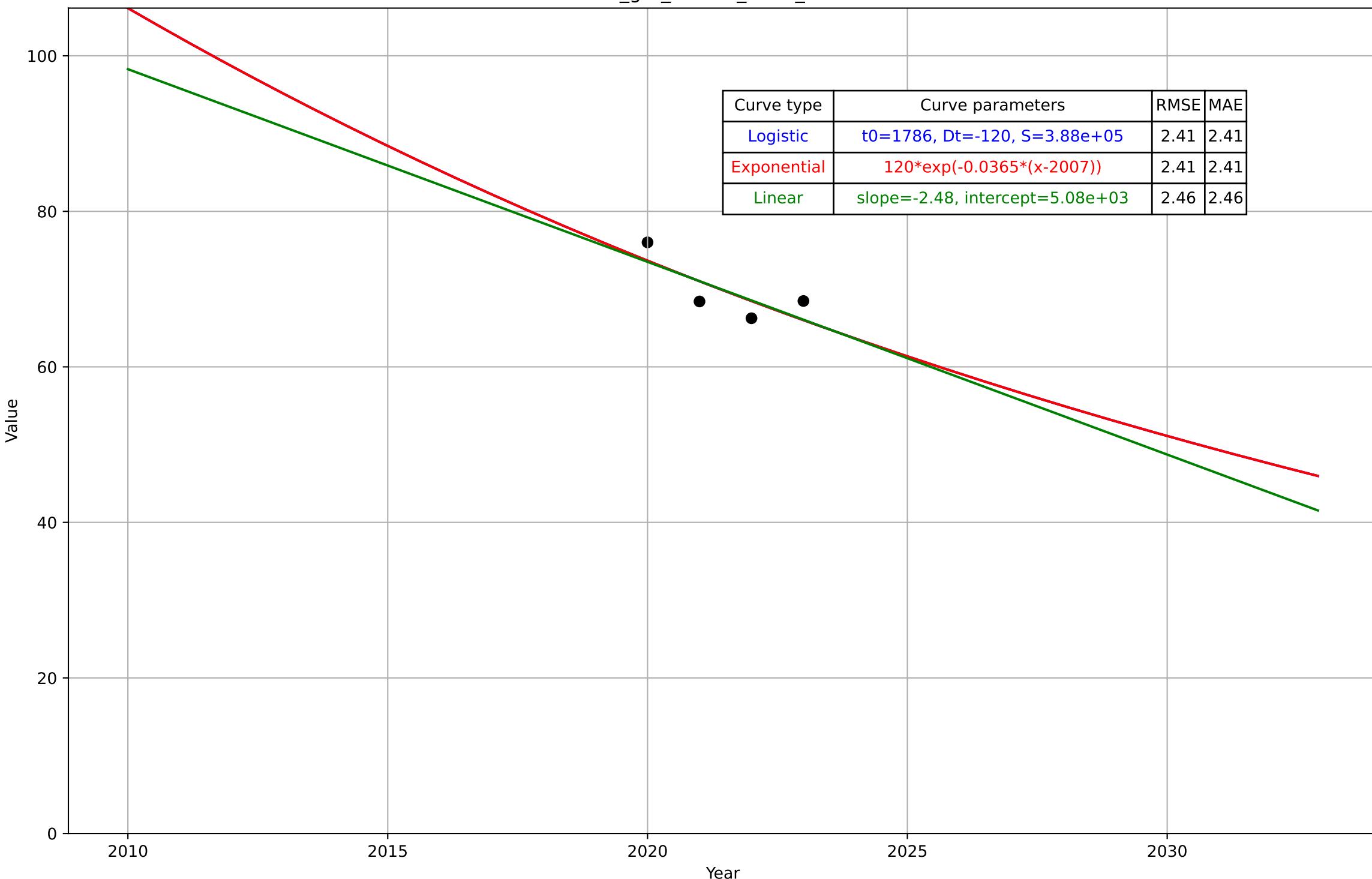
E-commerce
Germany
3.2
% of individuals who made purchases online (age 65-74)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d018_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=19.7, S=59	1.26	1
Exponential	0.761*exp(0.0609*(x-1952))	2.91	2.64
Linear	slope=2.55, intercept=-5.11e+03	1.98	1.76
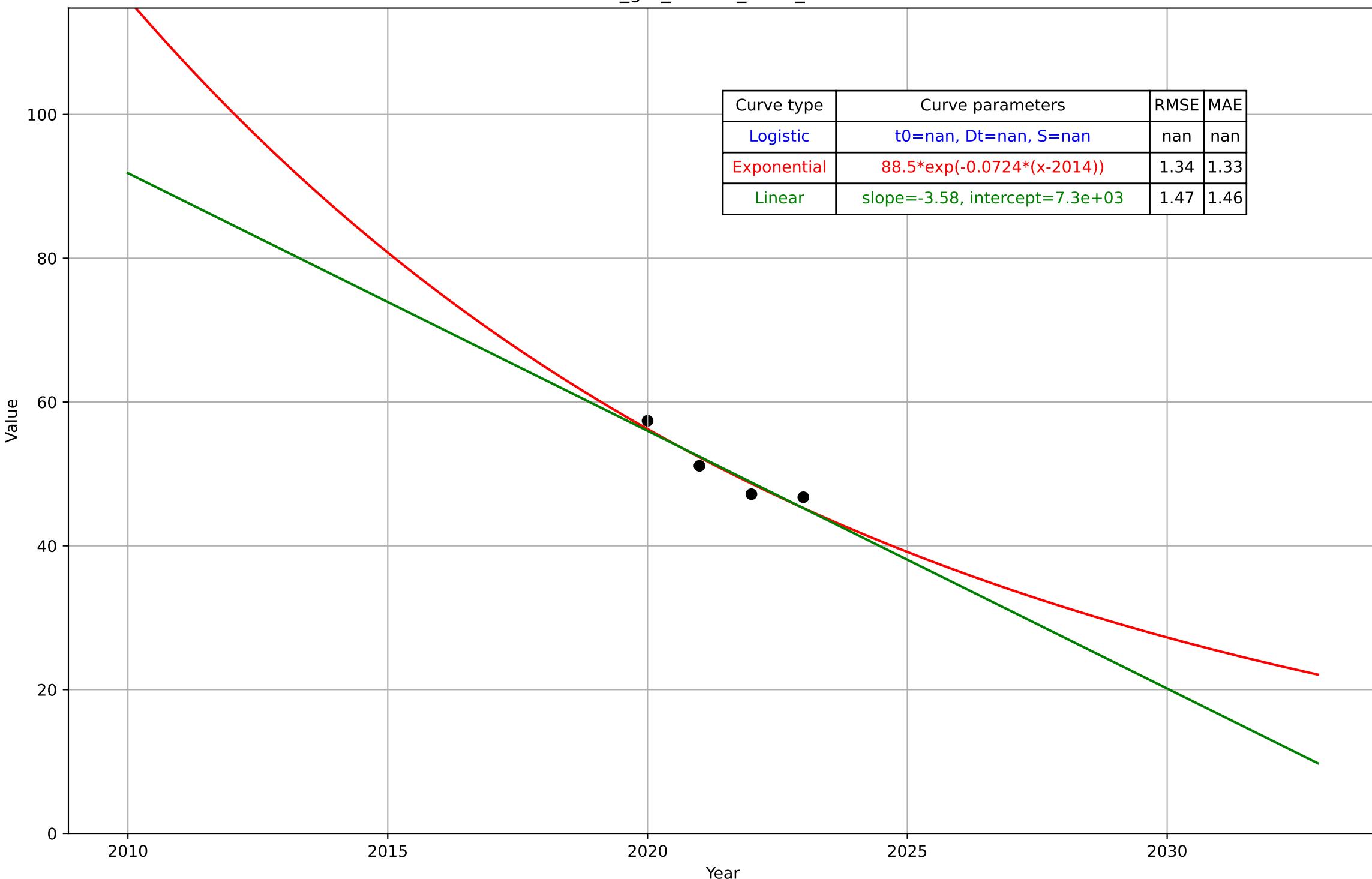
E-commerce
Germany
3.2
% of individuals who made purchases online (high formal education)
% of education group
Adopter characteristics
eco_ger_3.2Adc_d019_m057

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	140*exp(-0.0235*(x-1999))	1.27	1.25
Linear	slope=-1.92, intercept=3.96e+03	1.29	1.27
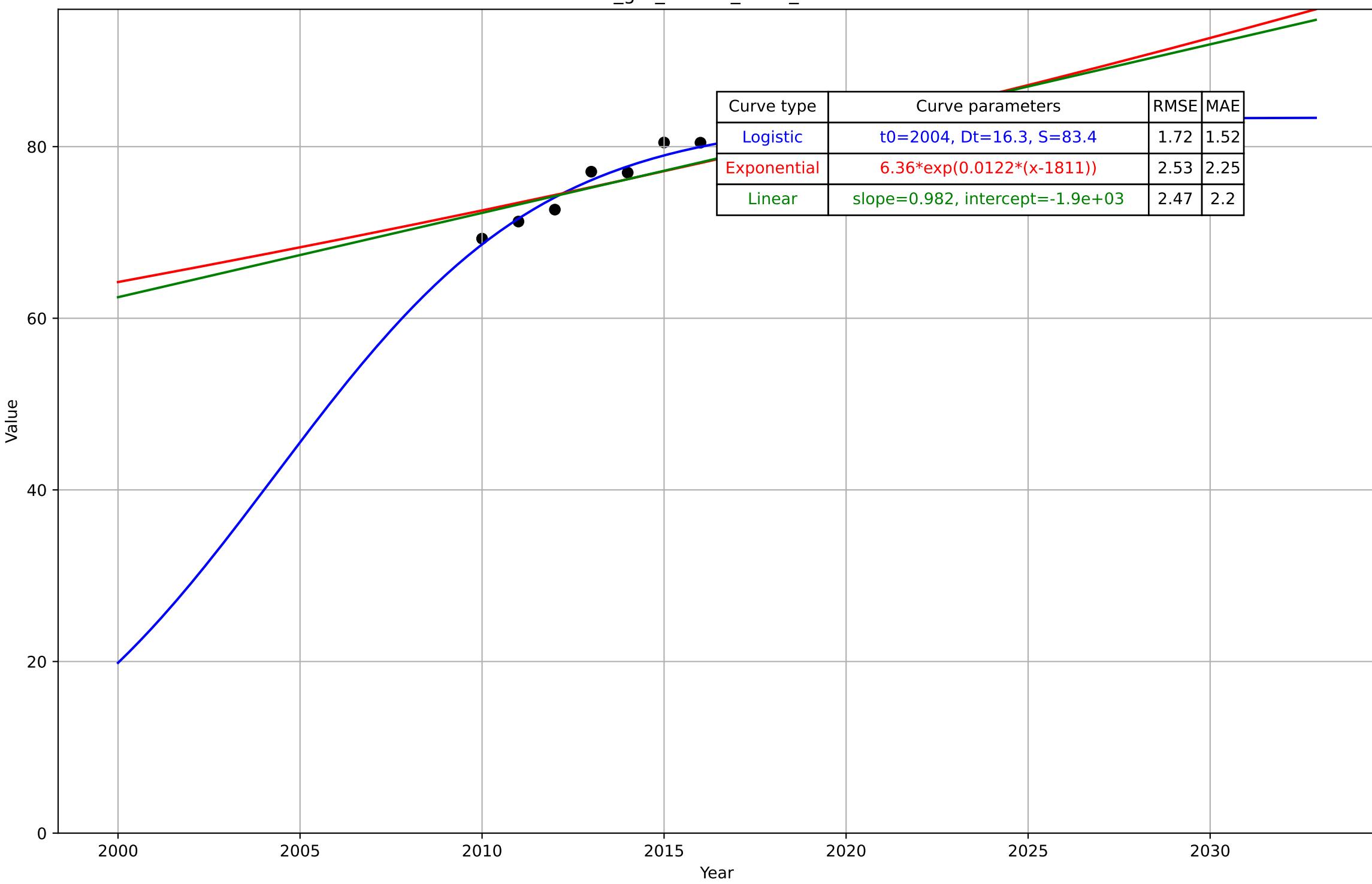
E-commerce
Germany
3.2
% of individuals who made purchases online (medium formal education)
% of education group
## Adopter characteristics
eco_ger_3.2Adc_d020_m057

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1786, Dt=-120, S=3.88e+05	2.41	2.41
Exponential	120*exp(-0.0365*(x-2007))	2.41	2.41
Linear	slope=-2.48, intercept=5.08e+03	2.46	2.46
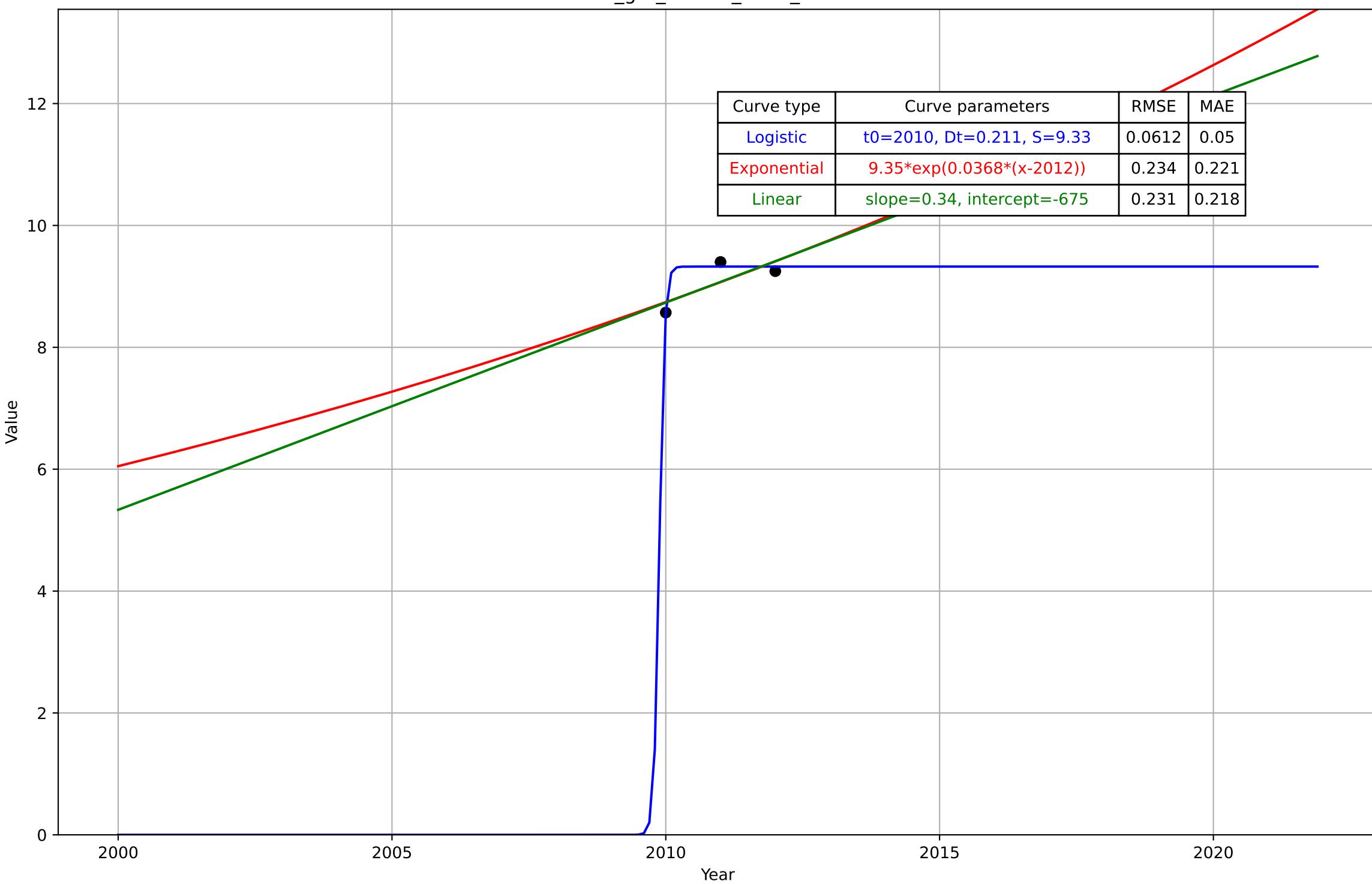
E-commerce
Germany
3.2
% of individuals who made purchases online (no or low formal education)
% of education group
Adopter characteristics
### eco_ger_3.2Adc_d021_m057
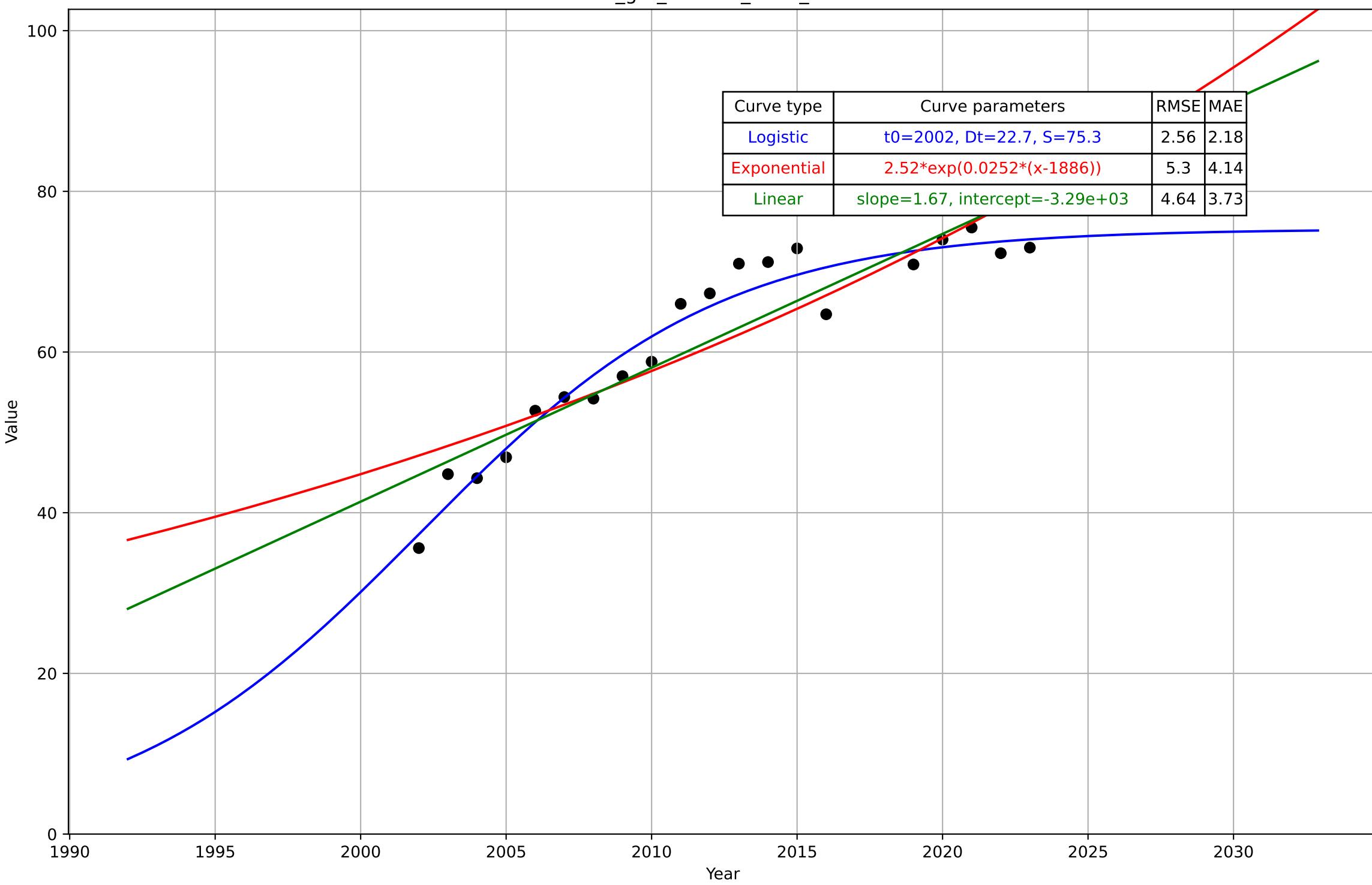
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	88.5*exp(-0.0724*(x-2014))	1.34	1.33
Linear	slope=-3.58, intercept=7.3e+03	1.47	1.46

E-commerce
Germany
3.2
% of individuals who made purchases online by (age 16-24)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d022_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=16.3, S=83.4	1.72	1.52
Exponential	6.36*exp(0.0122*(x-1811))	2.53	2.25
Linear	slope=0.982, intercept=-1.9e+03	2.47	2.2
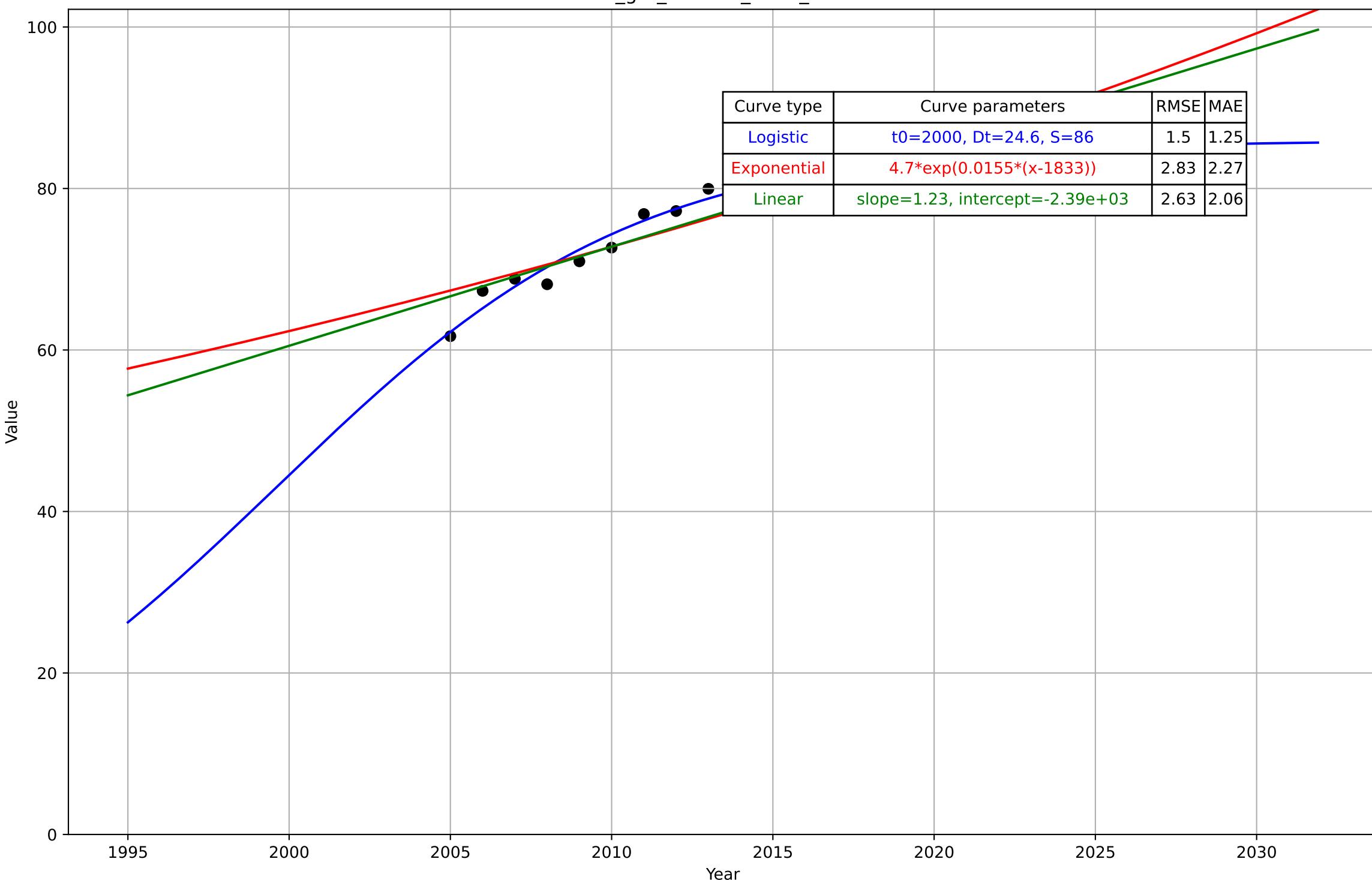
E-commerce
Germany
3.2
% of individuals who made purchases online by age (75 or more)
% of age group
Adopter characteristics
eco_ger_3.2Adc_d028_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=0.211, S=9.33	0.0612	0.05
Exponential	9.35*exp(0.0368*(x-2012))	0.234	0.221
Linear	slope=0.34, intercept=-675	0.231	0.218
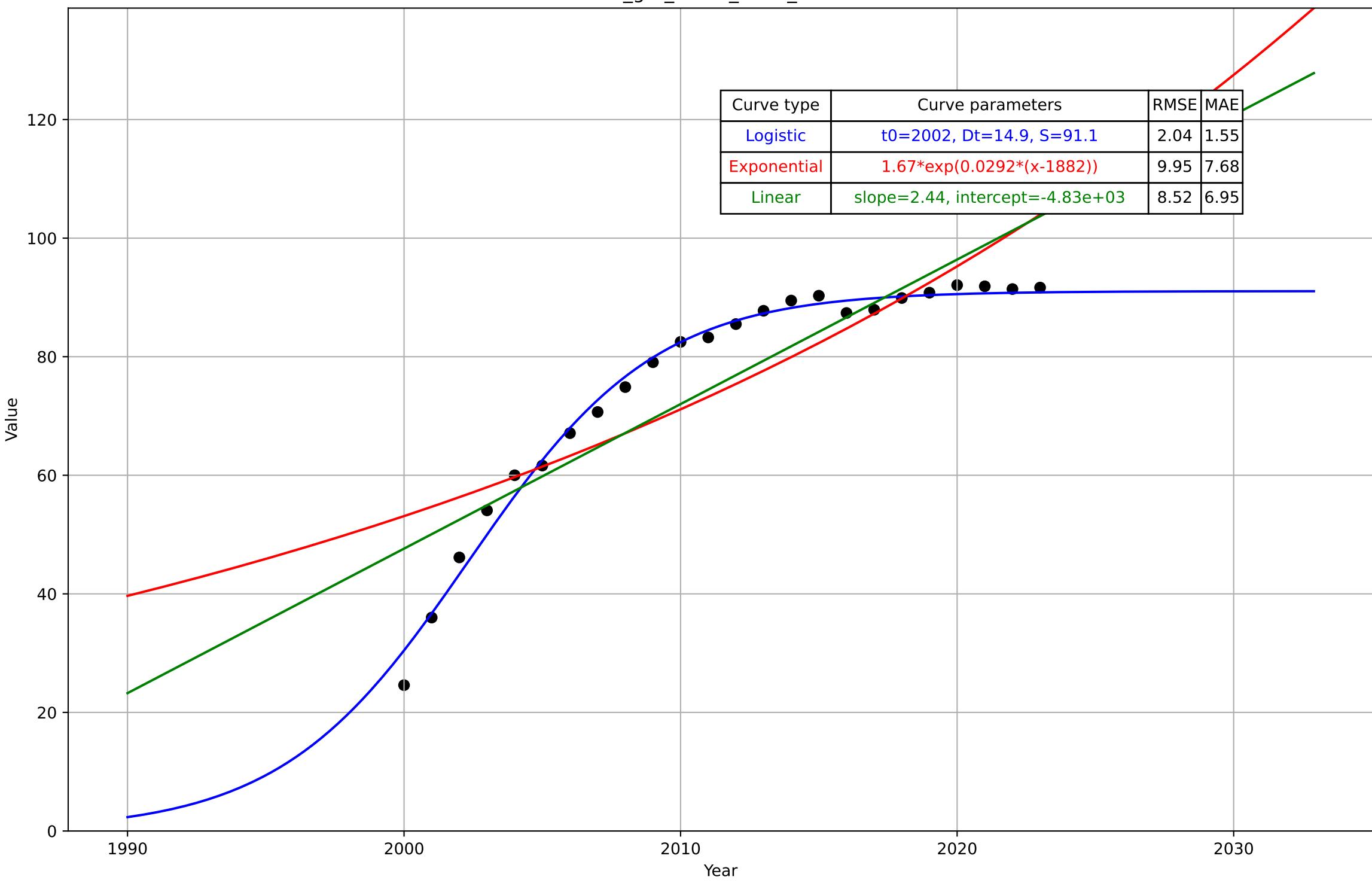
E-commerce
Germany
4.3
Individuals using the Internet to purchase goods or services
% of individuals
Compatibility
eco_ger_4.3Com_d115_m060

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=22.7, S=75.3	2.56	2.18
Exponential	2.52*exp(0.0252*(x-1886))	5.3	4.14
Linear	slope=1.67, intercept=-3.29e+03	4.64	3.73

E-commerce
Germany
4.3
Internet users buying online
% of internet users
Compatibility
eco_ger_4.3Com_d118_m062

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=24.6, S=86	1.5	1.25
Exponential	4.7*exp(0.0155*(x-1833))	2.83	2.27
Linear	slope=1.23, intercept=-2.39e+03	2.63	2.06
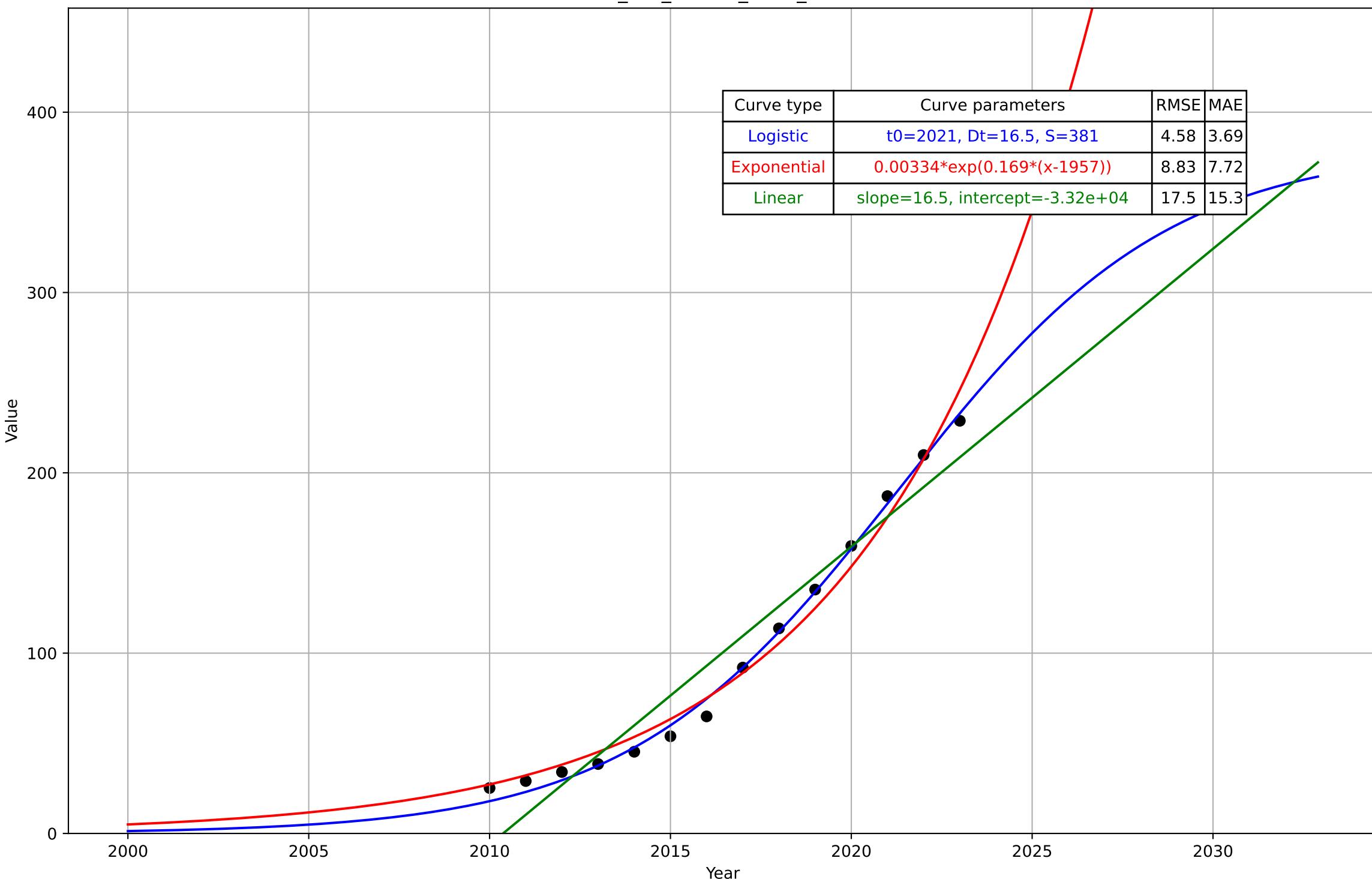
E-commerce
Germany
4.5
Proportion of households with Internet access either via a fixed or mobile network
% of households
Infrastructure dependence
eco_ger_4.5Inf_d177_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=14.9, S=91.1	2.04	1.55
Exponential	1.67*exp(0.0292*(x-1882))	9.95	7.68
Linear	slope=2.44, intercept=-4.83e+03	8.52	6.95
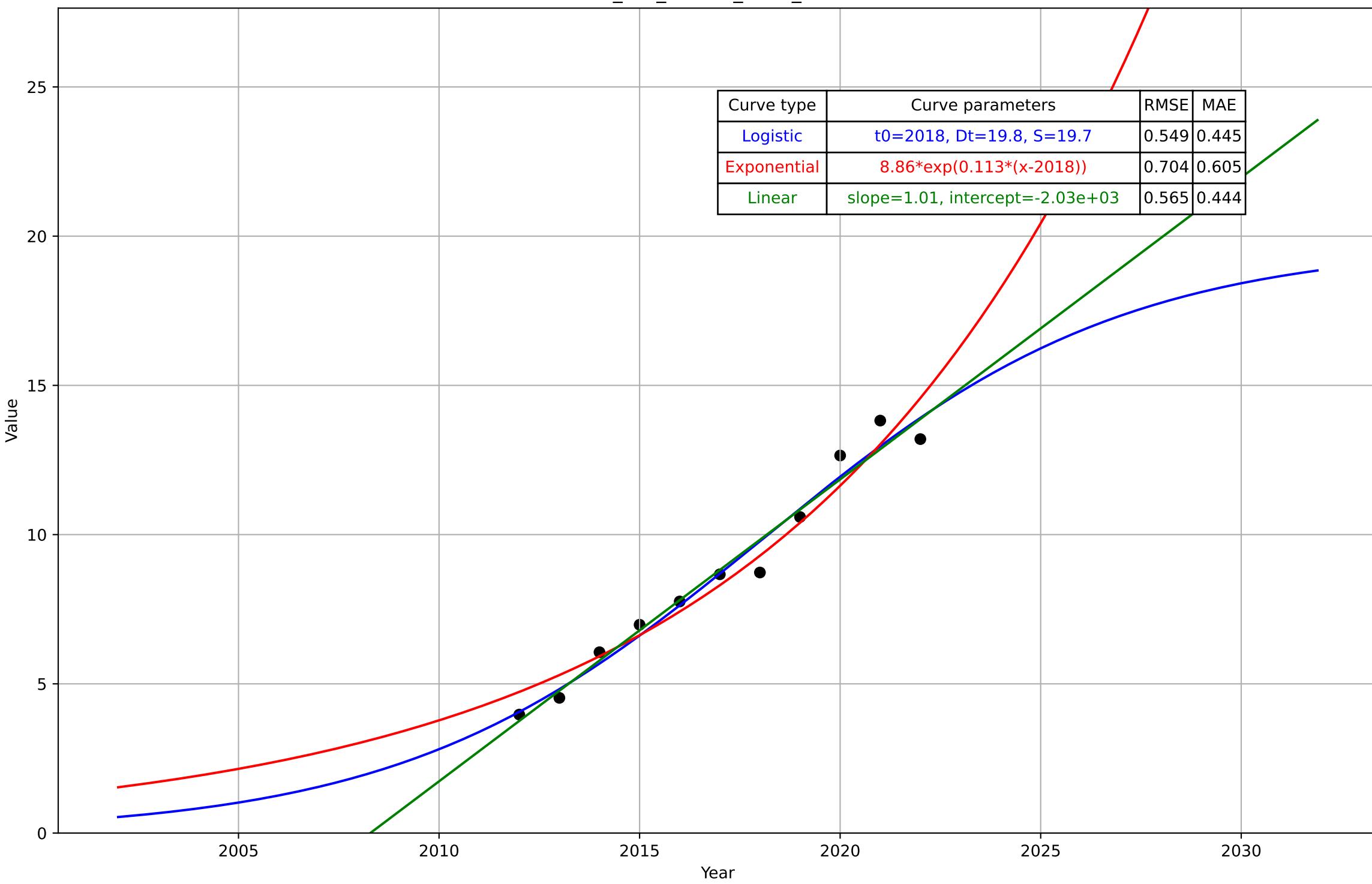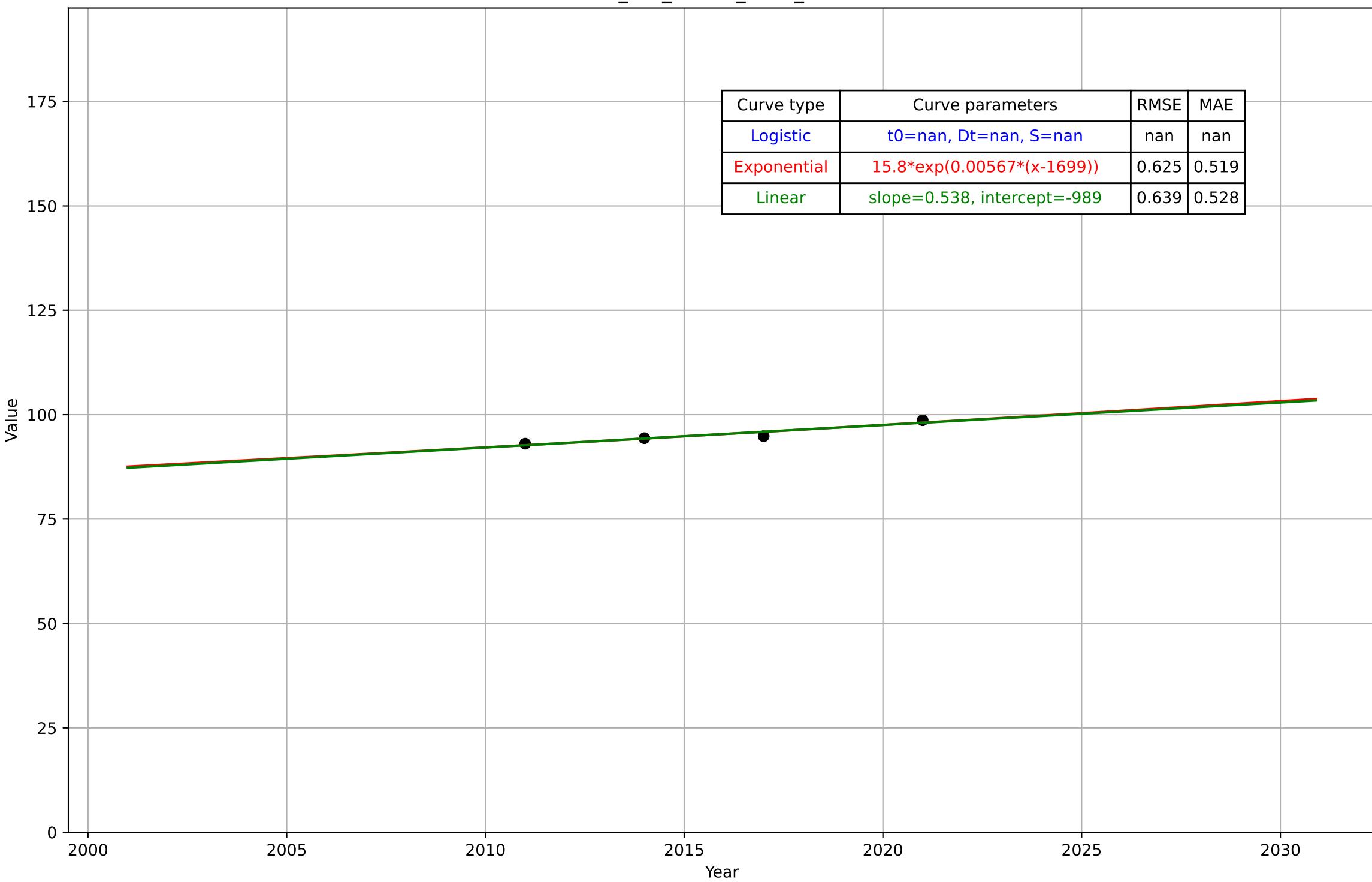
E-commerce
South Korea
1.1
Annual e-commerce sales value
Trillion Korean Won
Adoption over time
eco_sou_1.1Ado_d048_m148

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=16.5, S=381	4.58	3.69
Exponential	0.00334*exp(0.169*(x-1957))	8.83	7.72
Linear	slope=16.5, intercept=-3.32e+04	17.5	15.3
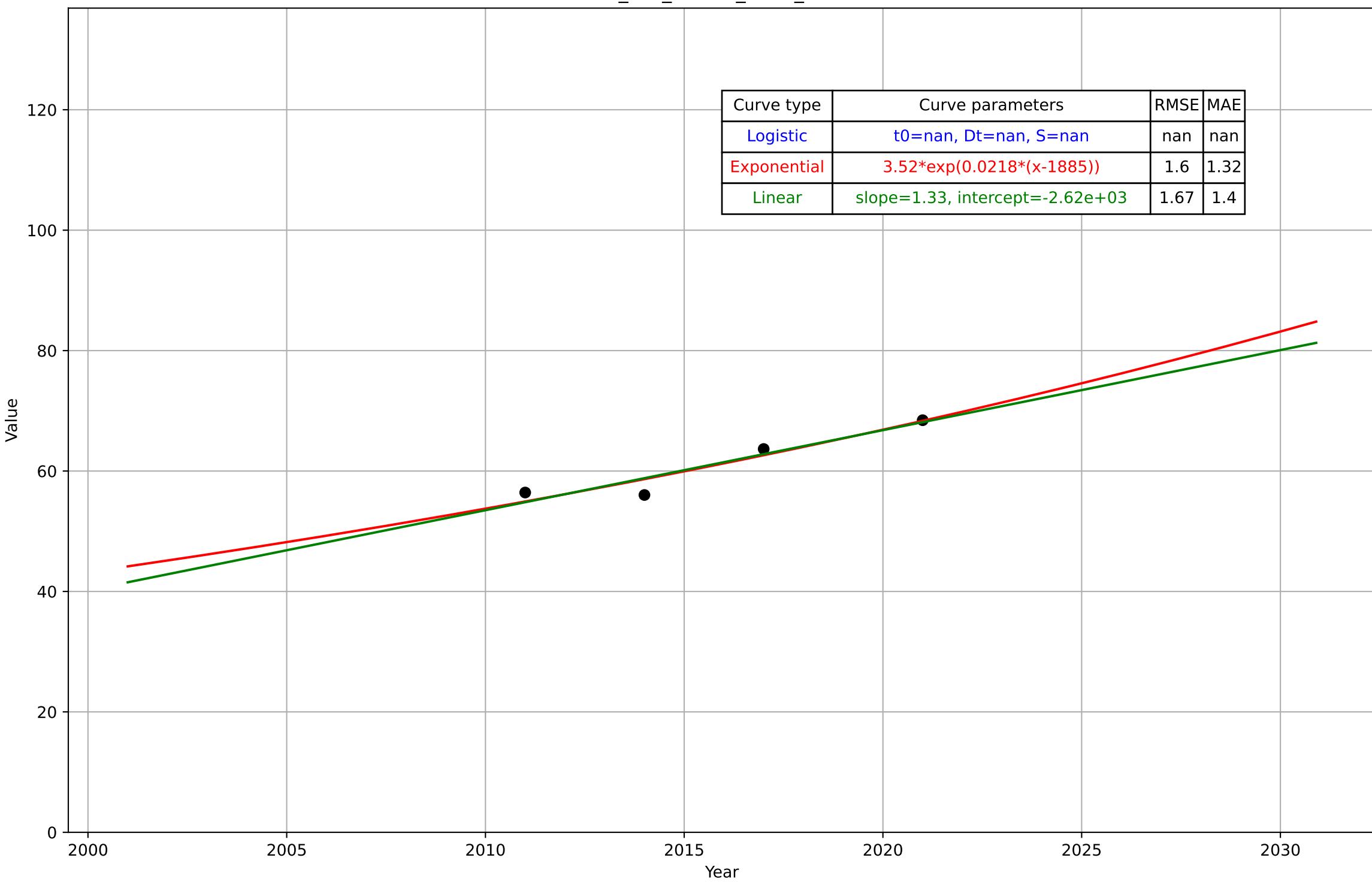
E-commerce
South Korea
1.1
Internet sales as a percentage of total retail sales (ratio) (%)
%
Adoption over time
eco_sou_1.1Ado_d117_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=19.8, S=19.7	0.549	0.445
Exponential	8.86*exp(0.113*(x-2018))	0.704	0.605
Linear	slope=1.01, intercept=-2.03e+03	0.565	0.444
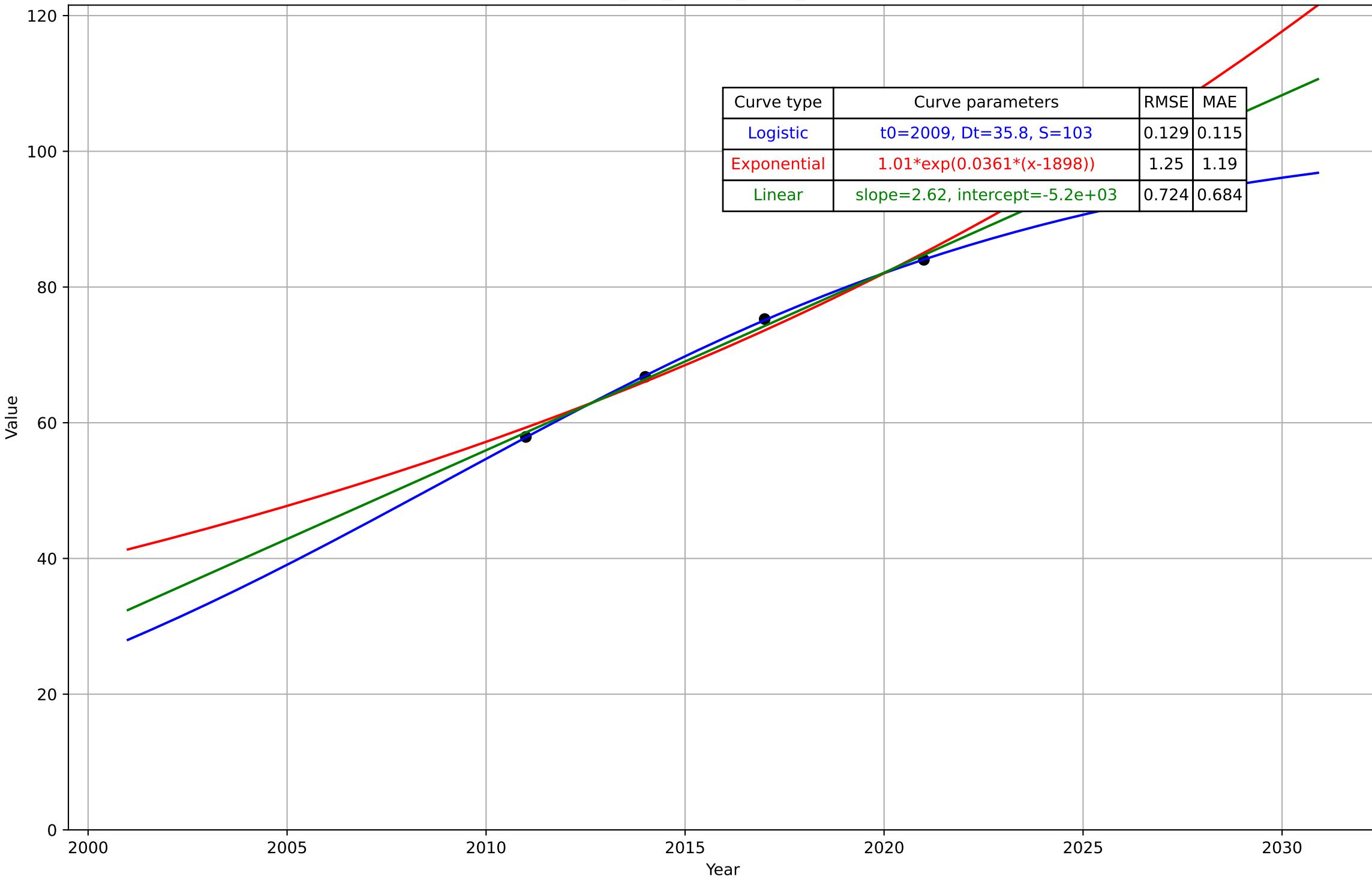
E-commerce
South Korea
2.4
Account in financial institution
% of age 15+
Ease of Use
eco_sou_2.4Eas_d045_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	15.8*exp(0.00567*(x-1699))	0.625	0.519
Linear	slope=0.538, intercept=-989	0.639	0.528

E-commerce
South Korea
2.4
Owns a credit card
% of age 15+
Ease of Use
eco_sou_2.4Eas_d162_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	3.52*exp(0.0218*(x-1885))	1.6	1.32
Linear	slope=1.33, intercept=-2.62e+03	1.67	1.4

E-commerce
South Korea
2.4
Owns a debit card
% of age 15+
Ease of Use
eco_sou_2.4Eas_d163_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=35.8, S=103	0.129	0.115
Exponential	1.01*exp(0.0361*(x-1898))	1.25	1.19
Linear	slope=2.62, intercept=-5.2e+03	0.724	0.684
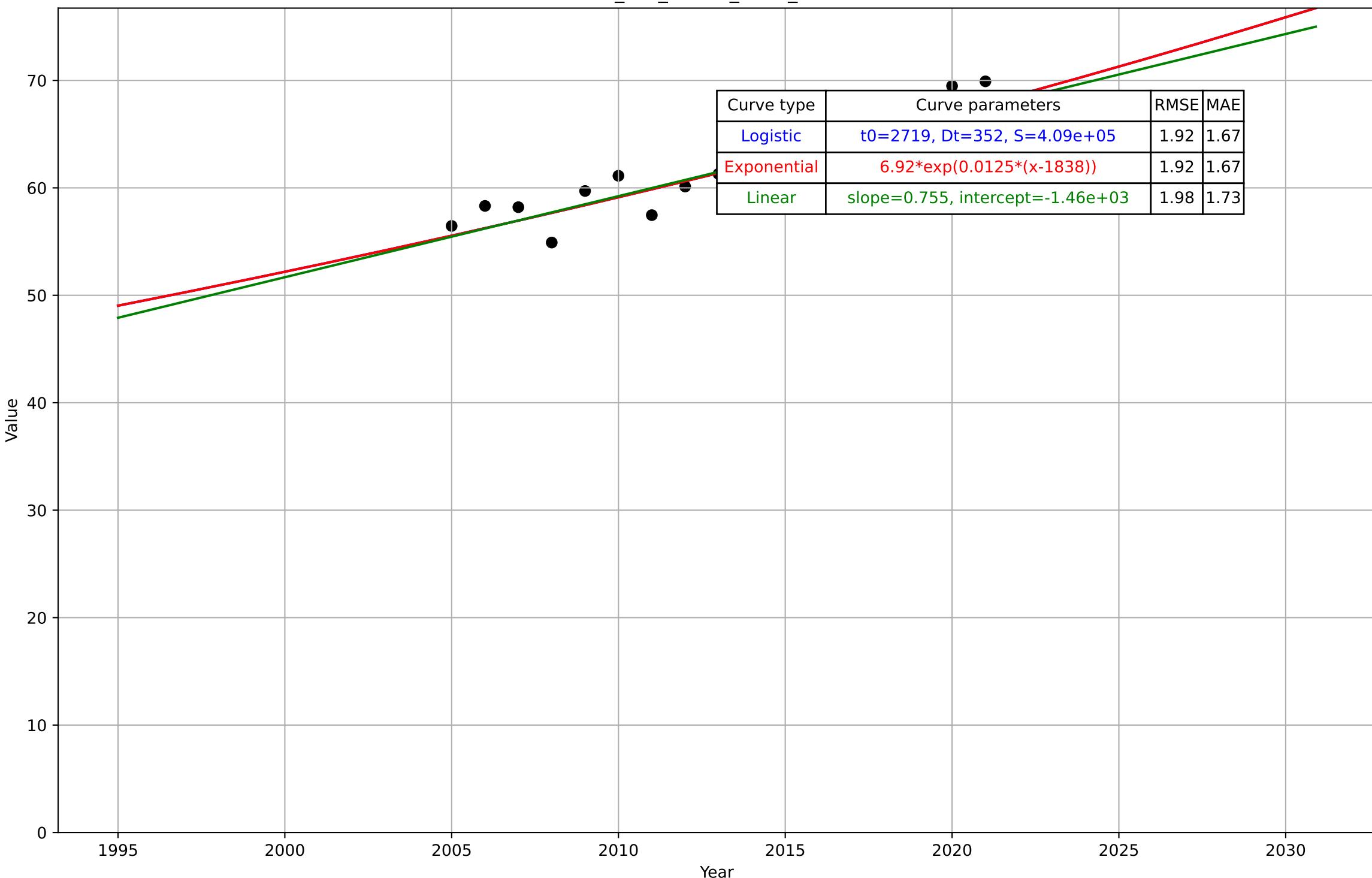
E-commerce
South Korea
2.5
Businesses with a web presence
% of business
Variety (Choice Availability)
eco_sou_2.5Var_d067_m055
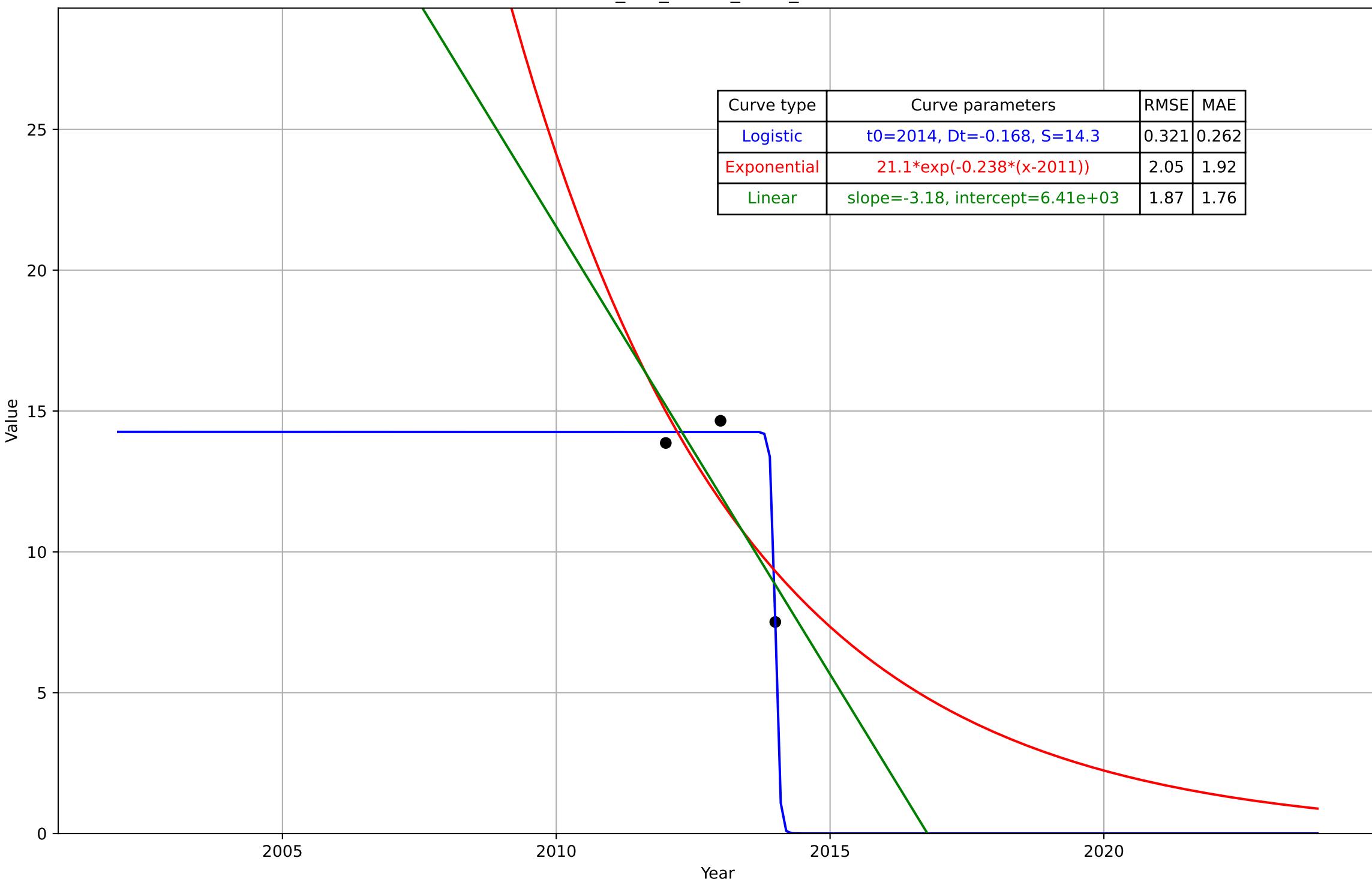
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2719, Dt=352, S=4.09e+05	1.92	1.67
Exponential	6.92*exp(0.0125*(x-1838))	1.92	1.67
Linear	slope=0.755, intercept=-1.46e+03	1.98	1.73
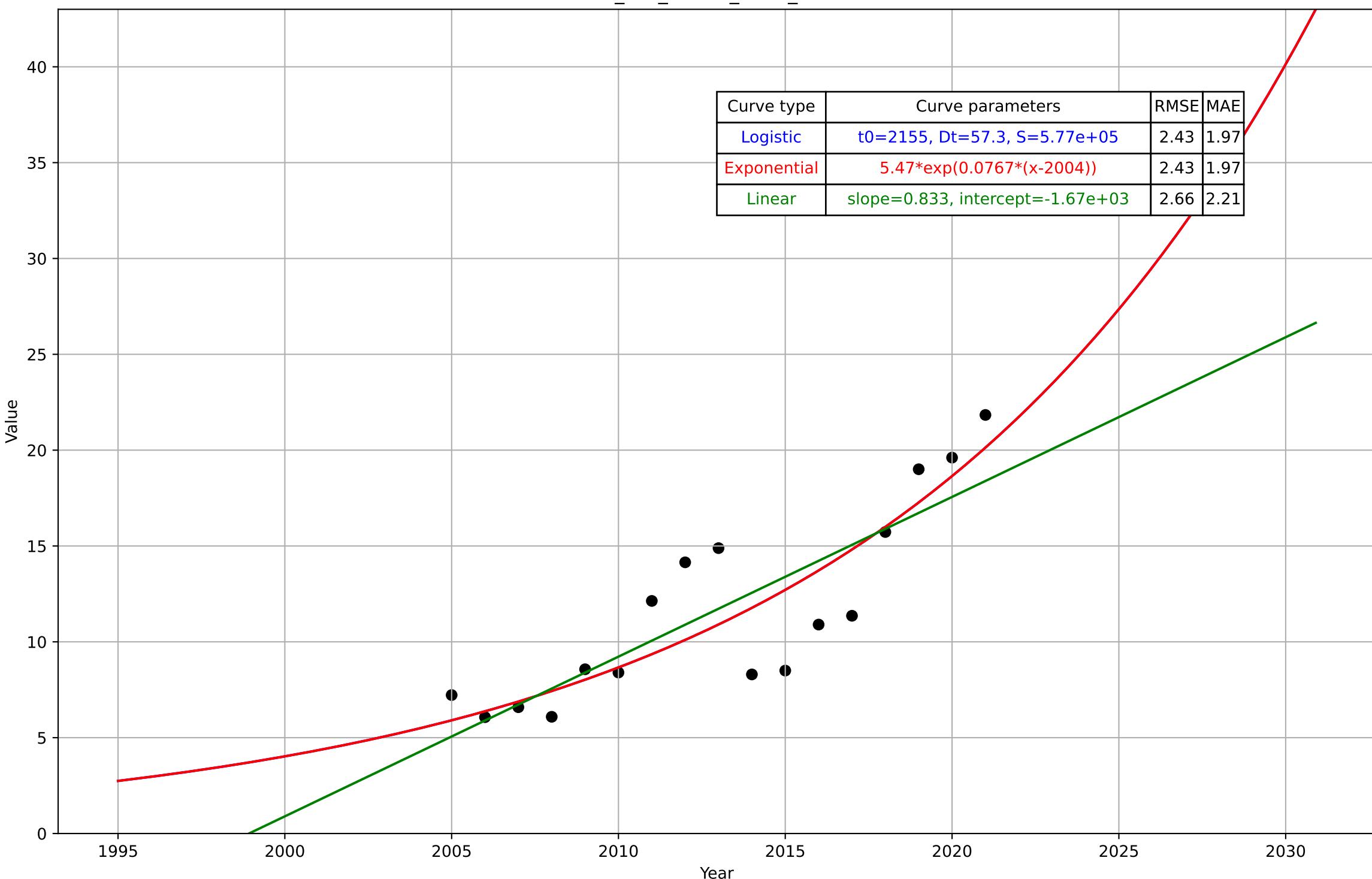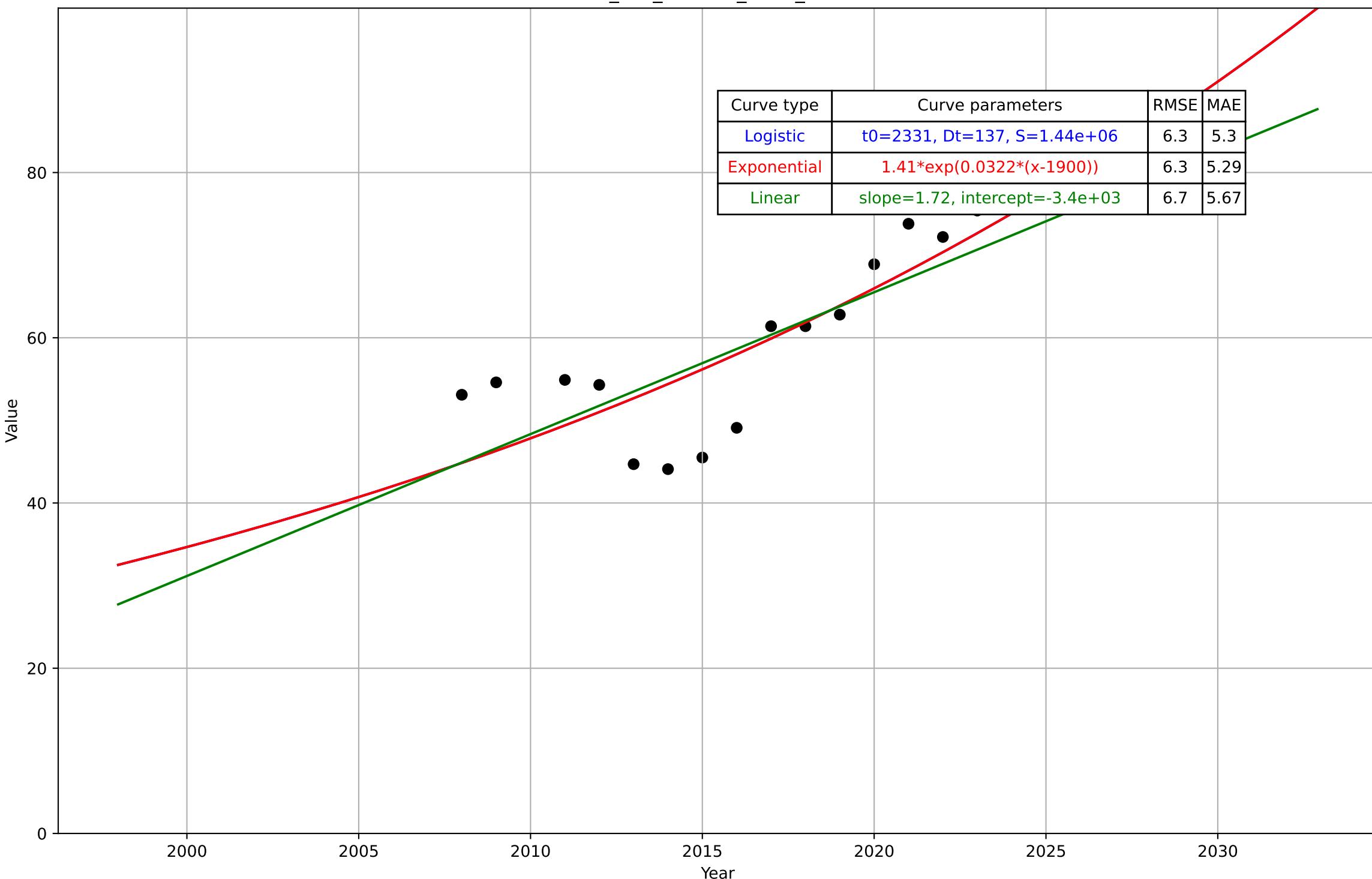
E-commerce
South Korea
2.5
Share of businesses receiving orders through the Internet
% of business
Variety (Choice Availability)
eco_sou_2.5Var_d187_m055

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=-0.168, S=14.3	0.321	0.262
Exponential	21.1*exp(-0.238*(x-2011))	2.05	1.92
Linear	slope=-3.18, intercept=6.41e+03	1.87	1.76
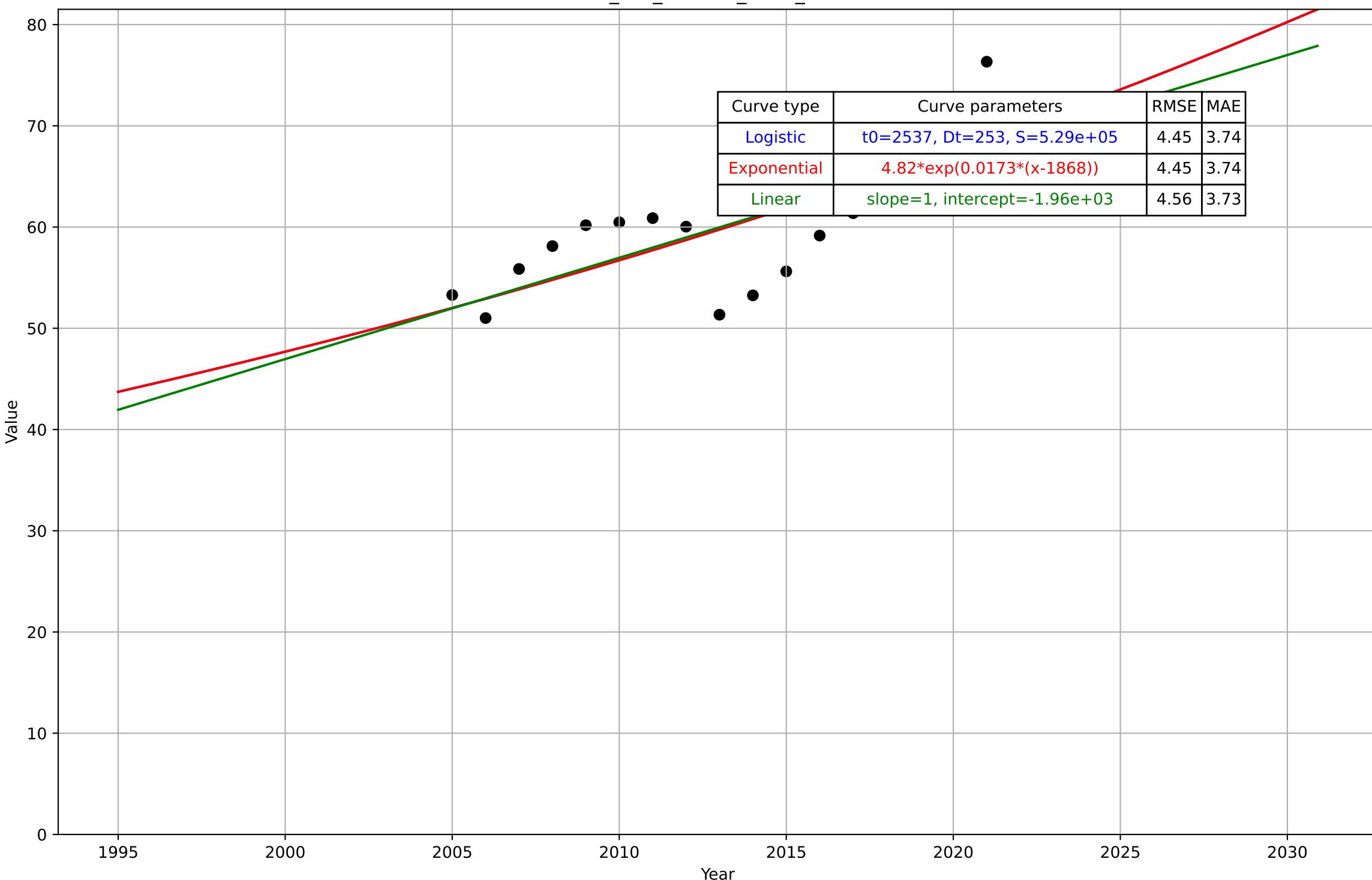
E-commerce
## South Korea
2.5
Small firms selling online
% of small firms (10-49 employees)
Variety (Choice Availability)
eco_sou_2.5Var_d196_m067

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2155, Dt=57.3, S=5.77e+05	2.43	1.97
Exponential	5.47*exp(0.0767*(x-2004))	2.43	1.97
Linear	slope=0.833, intercept=-1.67e+03	2.66	2.21
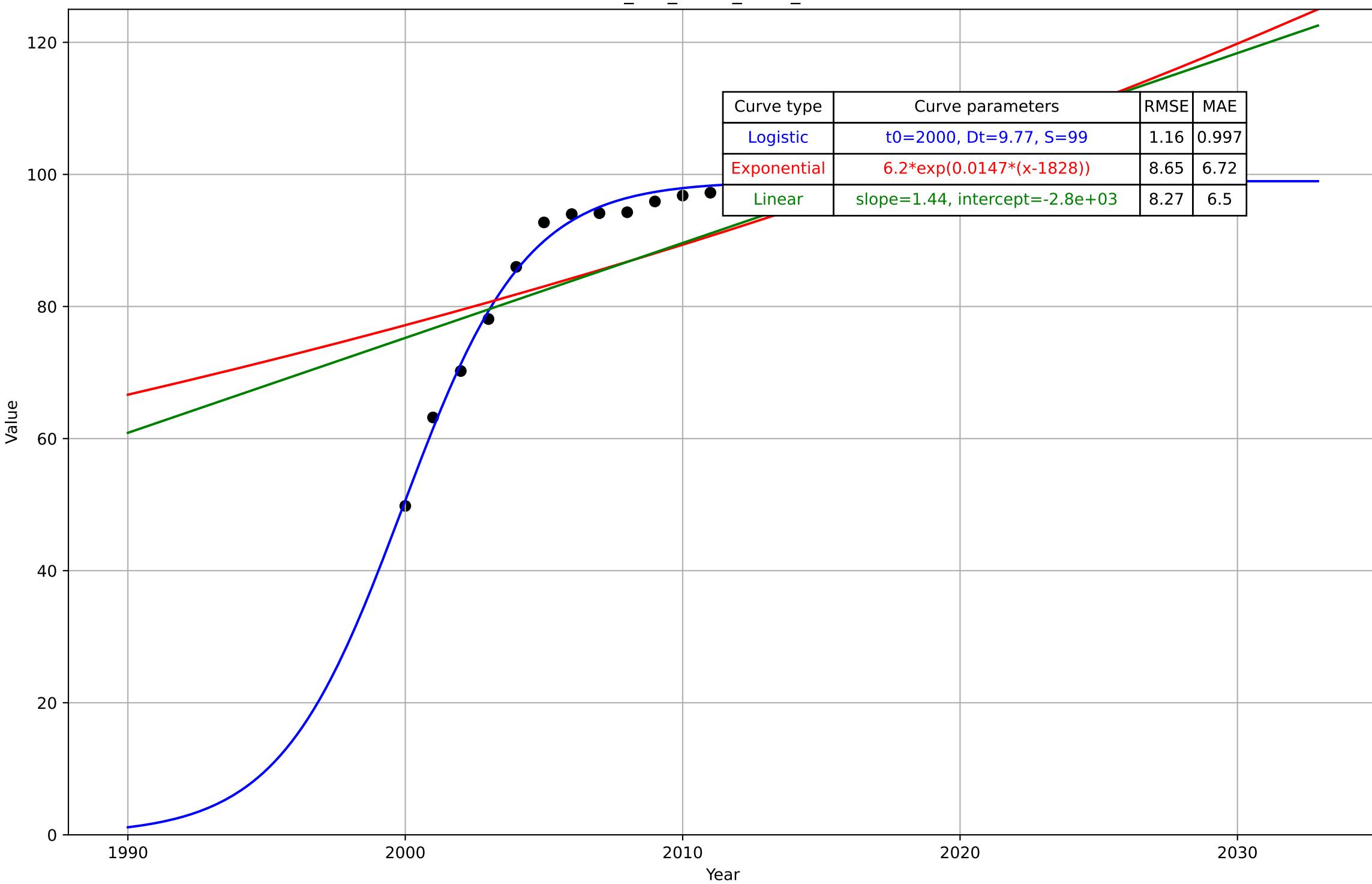
E-commerce
South Korea
4.3
Individuals using the Internet to purchase goods or services
% of individuals
Compatibility
eco_sou_4.3Com_d115_m060

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2331, Dt=137, S=1.44e+06	6.3	5.3
Exponential	1.41*exp(0.0322*(x-1900))	6.3	5.29
Linear	slope=1.72, intercept=-3.4e+03	6.7	5.67
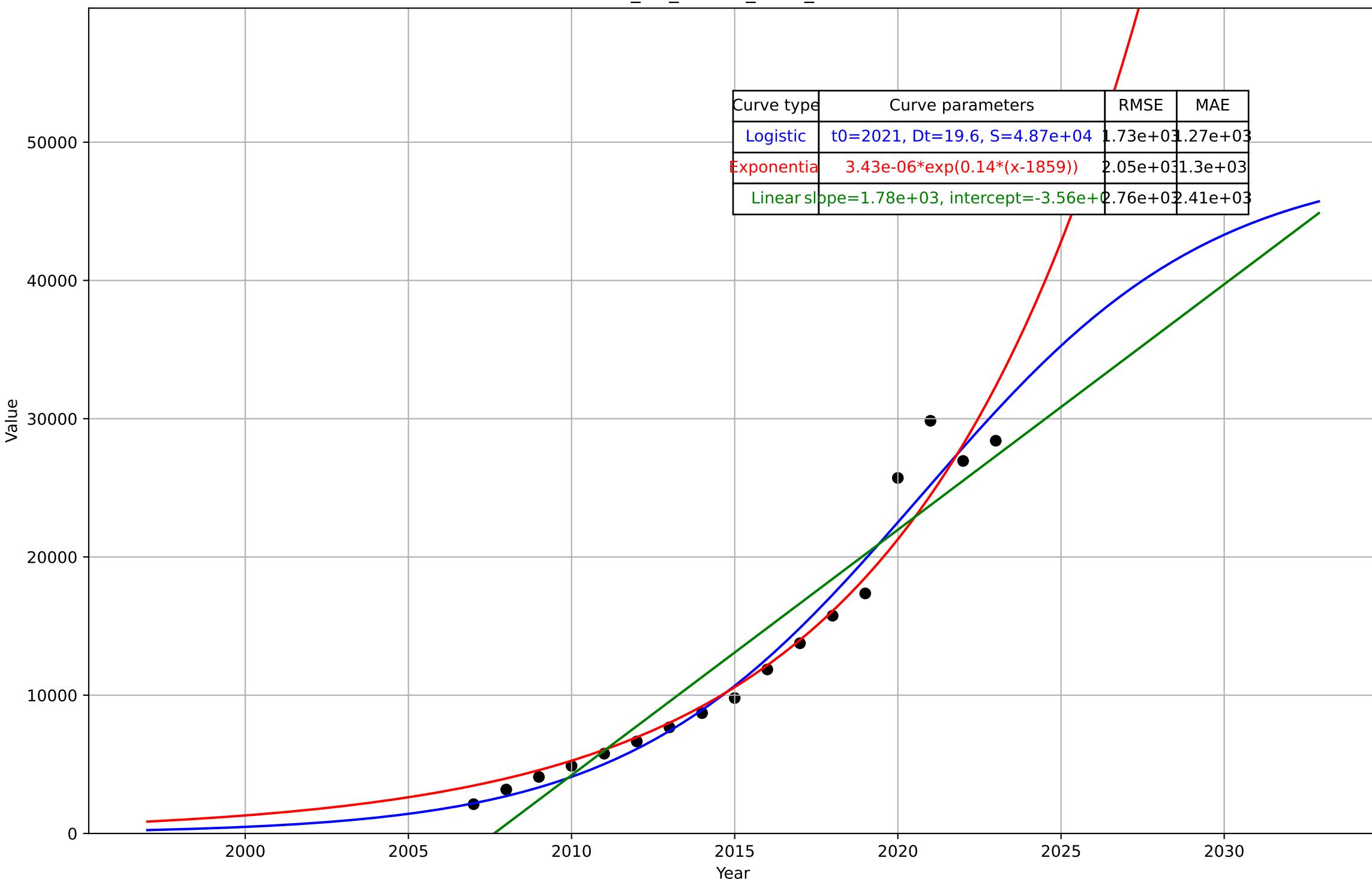
E-commerce
South Korea
4.3
Internet users buying online
% of Internet users
Compatibility
eco_sou_4.3Com_d118_m062

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2537, Dt=253, S=5.29e+05	4.45	3.74
Exponential	4.82*exp(0.0173*(x-1868))	4.45	3.74
Linear	slope=1, intercept=-1.96e+03	4.56	3.73
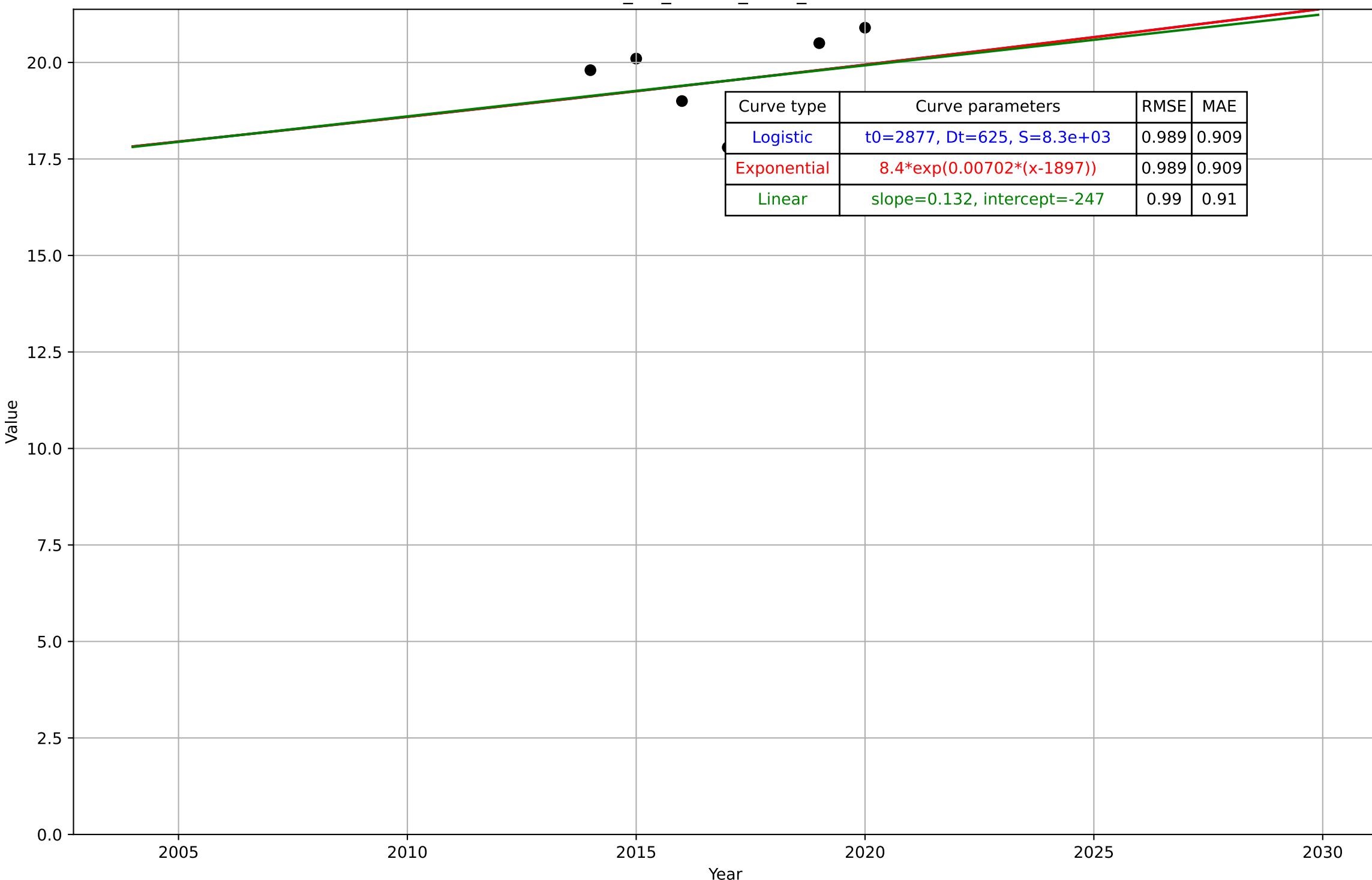
E-commerce
South Korea
4.5
Proportion of households with Internet access either via a fixed or mobile network
% of households
Infrastructure dependence
eco_sou_4.5Inf_d177_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=9.77, S=99	1.16	0.997
Exponential	6.2*exp(0.0147*(x-1828))	8.65	6.72
Linear	slope=1.44, intercept=-2.8e+03	8.27	6.5
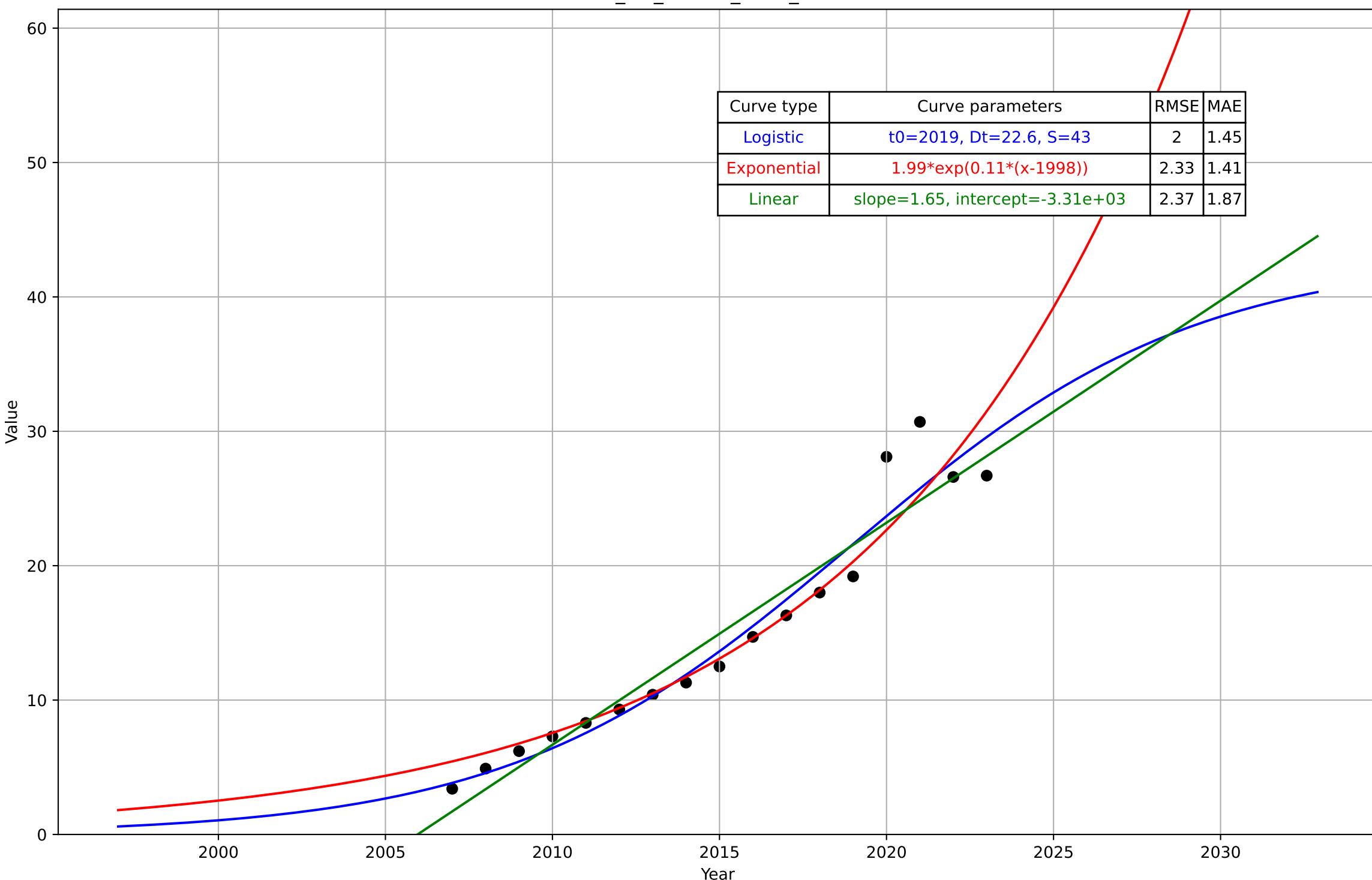
E-commerce
UK
1.1
Annual Internet retail (B2C) sales value
Millions of pounds
Adoption over time
eco_uki_1.1Ado_d049_m127

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=19.6, S=4.87e+04	1.73e+03	1.27e+03
Exponential	3.43e-06*exp(0.14*(x-1859))	2.05e+03	1.3e+03
Linear	slope=1.78e+03, intercept=-3.56e+06	2.76e+02	2.41e+03
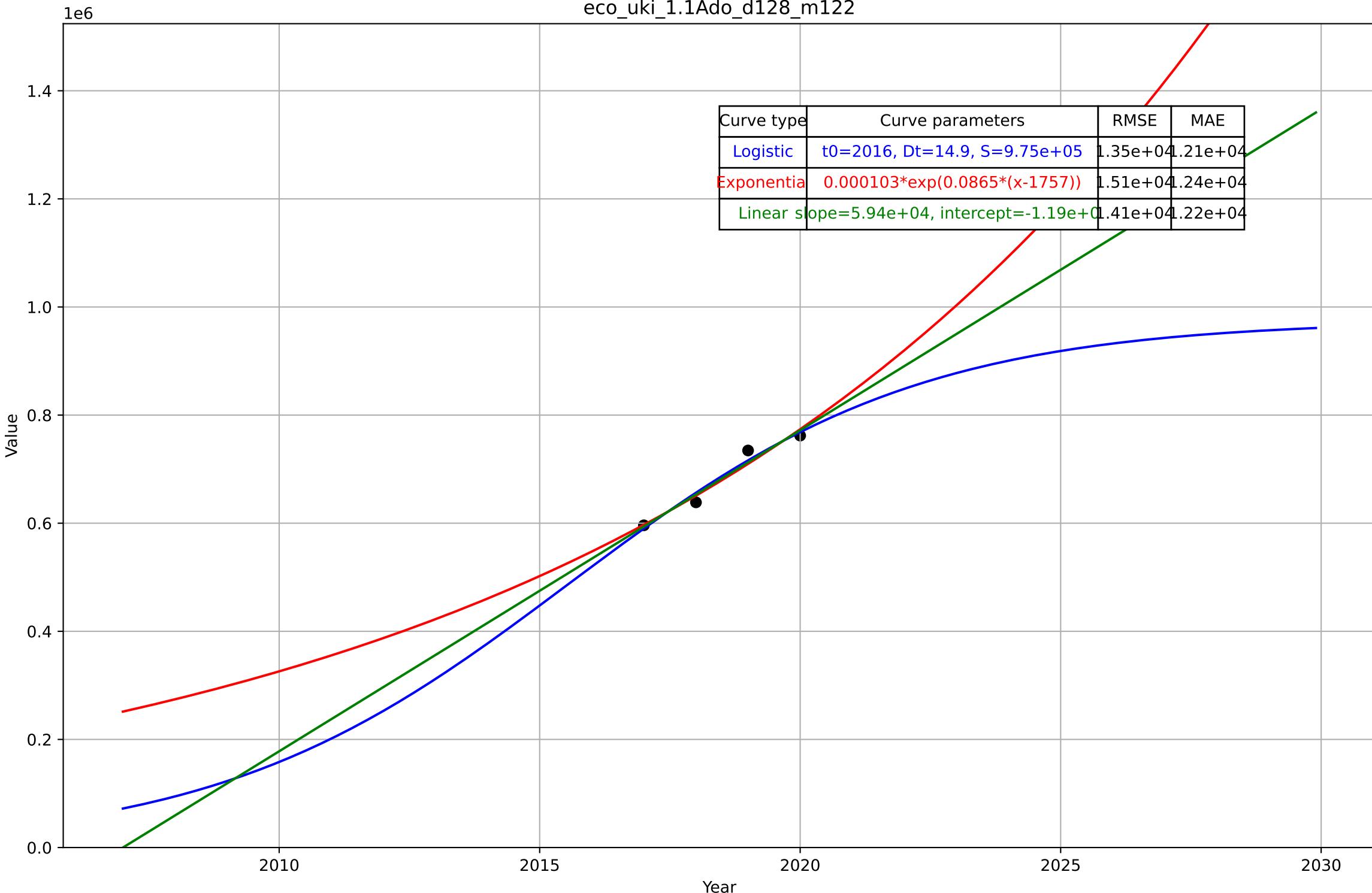
E-commerce
UK
1.1
Enterprises' total turnover from e-commerce sales (all activities - B2B, B2C, B2G)
% of turnover
Adoption over time
eco_uki_1.1Ado_d094_m069

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2877, Dt=625, S=8.3e+03	0.989	0.909
Exponential	8.4*exp(0.00702*(x-1897))	0.989	0.909
Linear	slope=0.132, intercept=-247	0.99	0.91
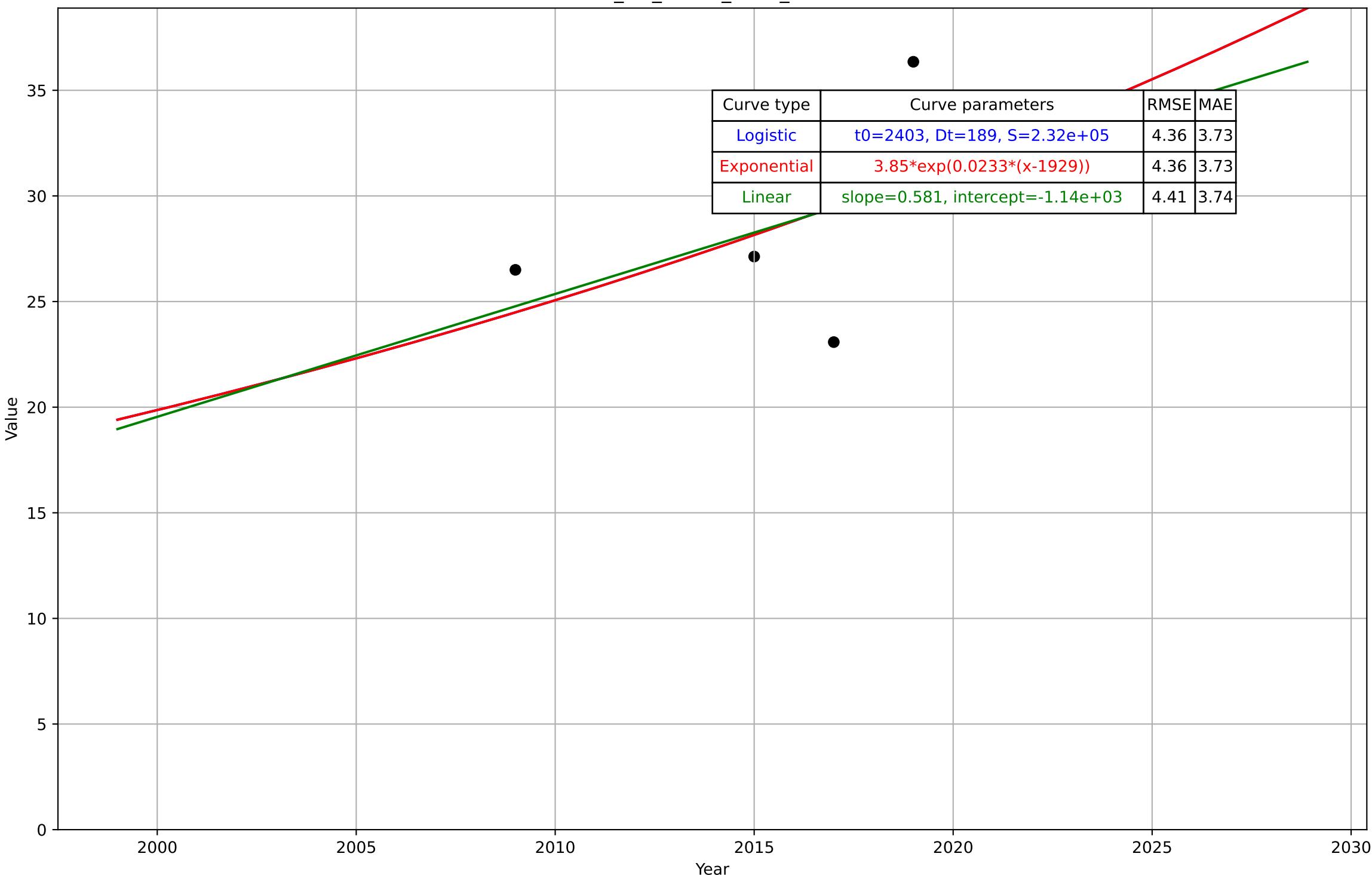
E-commerce
UK
1.1
Internet sales as a percentage of total retail (B2C) sales (ratio) (%)
% of total retail
Adoption over time
eco_uki_1.1Ado_d116_m068

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=22.6, S=43	2	1.45
Exponential	1.99*exp(0.11*(x-1998))	2.33	1.41
Linear	slope=1.65, intercept=-3.31e+03	2.37	1.87

E-commerce
UK
1.1
Monetary value of e-commerce sales (all activities - B2B, B2C, B2G)
Million euro
Adoption over time
eco_uki_1.1Ado_d128_m122

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=14.9, S=9.75e+05	1.35e+04	1.21e+04
Exponential	0.000103*exp(0.0865*(x-1757))	1.51e+04	1.24e+04
Linear	slope=5.94e+04, intercept=-1.19e+0	1.41e+04	1.22e+04

E-commerce
UK
2.3
Share of Internet users not buying online due to payment security concerns
% of internet users
Relative (dis)advantage
eco_uki_2.3Rel_d190_m062

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2403, Dt=189, S=2.32e+05	4.36	3.73
Exponential	3.85*exp(0.0233*(x-1929))	4.36	3.73
Linear	slope=0.581, intercept=-1.14e+03	4.41	3.74
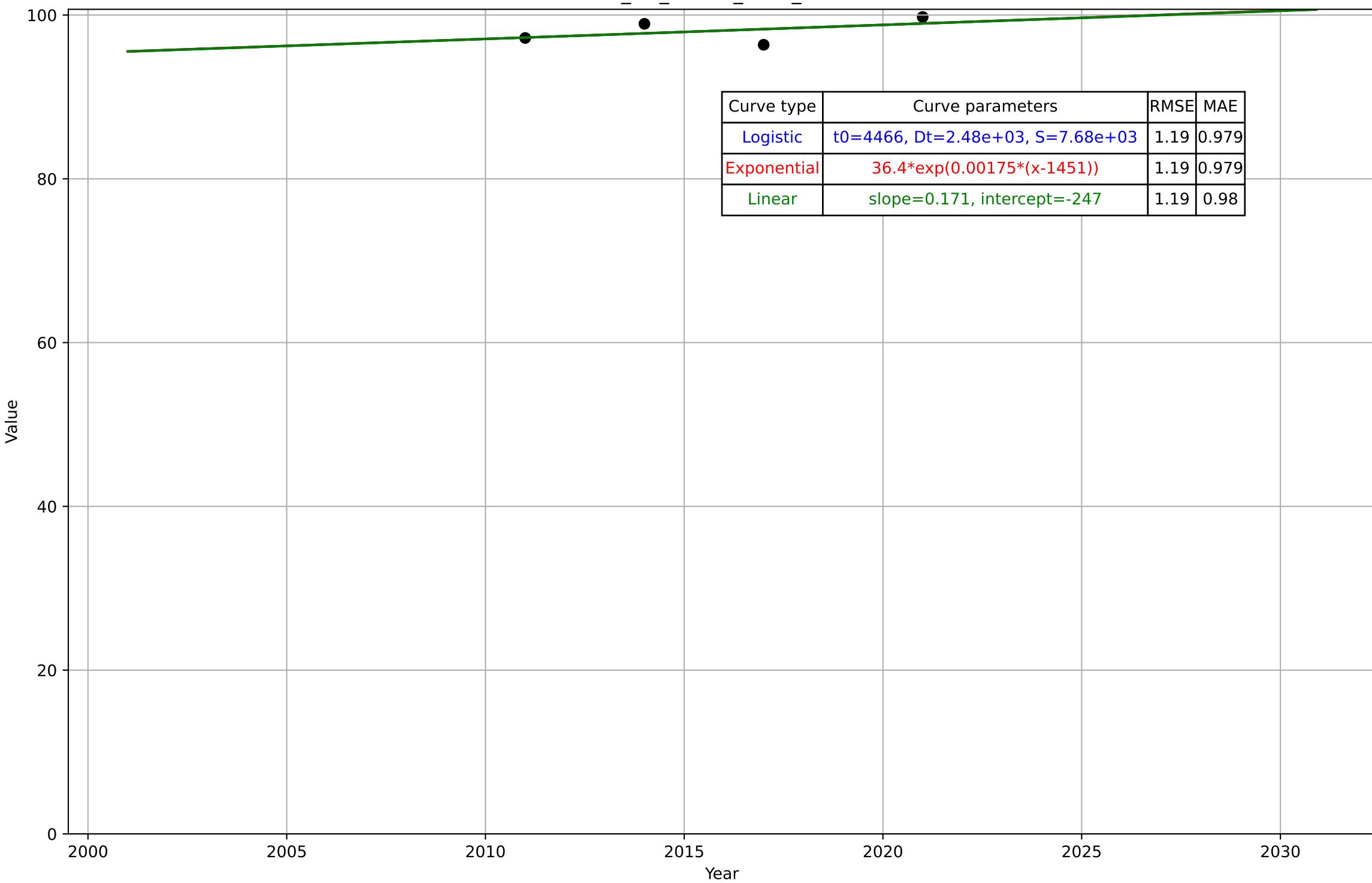
E-commerce
UK
2.4
Account in financial institution
% of age 15+
Ease of Use
eco_uki_2.4Eas_d045_m053
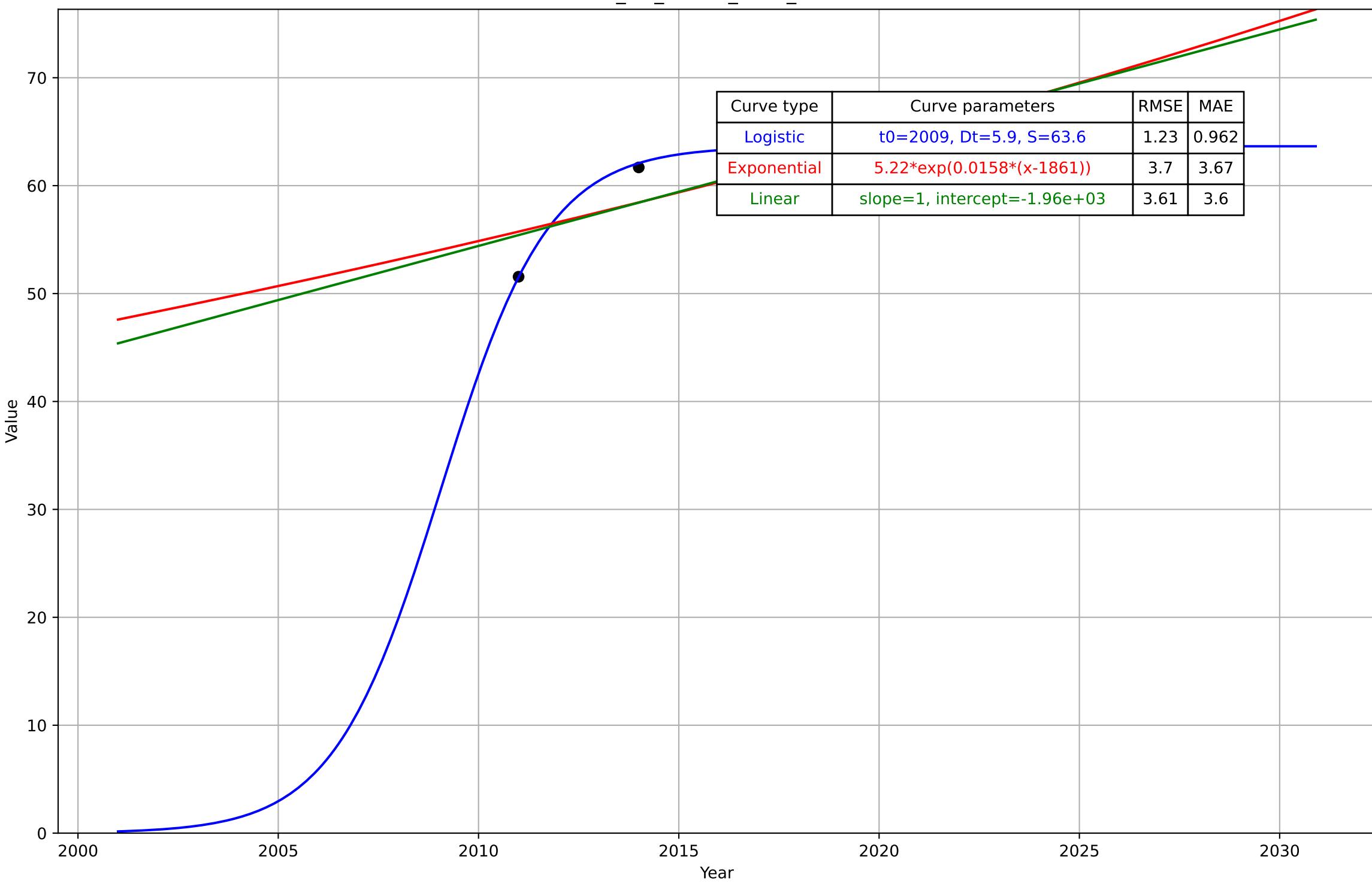
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=4466, Dt=2.48e+03, S=7.68e+03	1.19	0.979
Exponential	36.4*exp(0.00175*(x-1451))	1.19	0.979
Linear	slope=0.171, intercept=-247	1.19	0.98
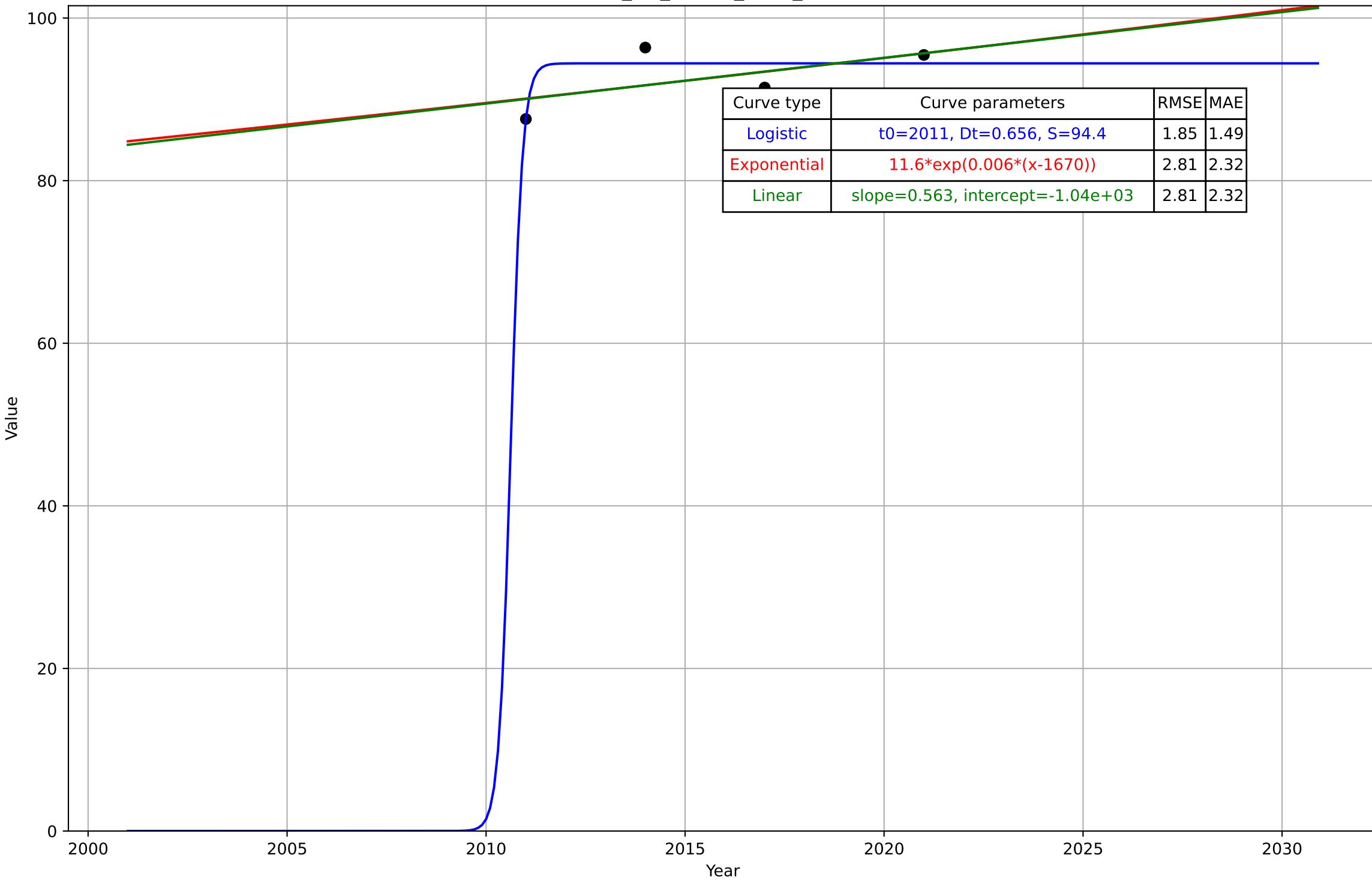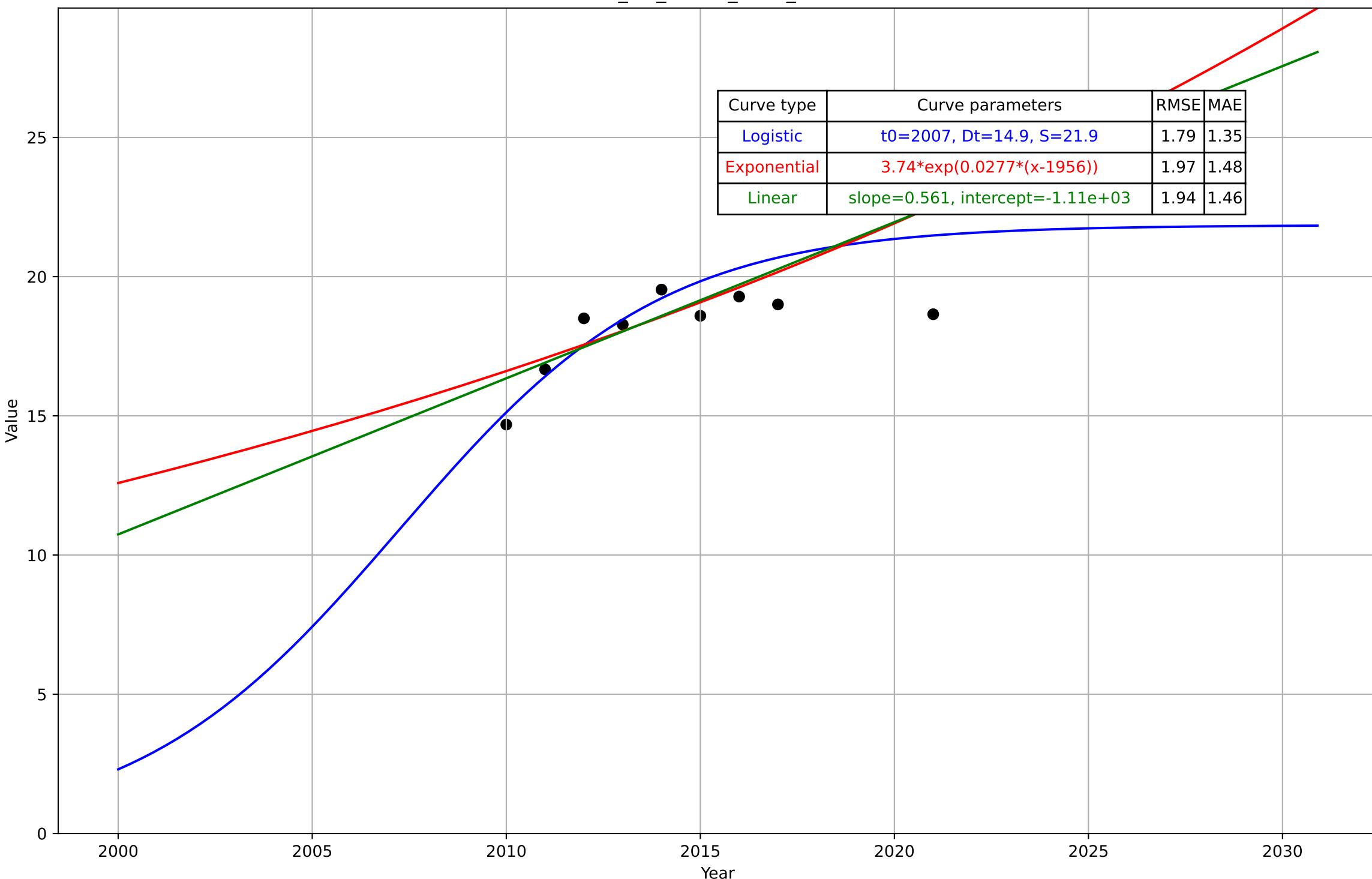
E-commerce
UK
2.4
Owns a credit card
% of age 15+
Ease of Use
eco_uki_2.4Eas_d162_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=5.9, S=63.6	1.23	0.962
Exponential	5.22*exp(0.0158*(x-1861))	3.7	3.67
Linear	slope=1, intercept=-1.96e+03	3.61	3.6

E-commerce
UK
2.4
Owns a debit card
% of age 15+
Ease of Use
eco_uki_2.4Eas_d163_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=0.656, S=94.4	1.85	1.49
Exponential	11.6*exp(0.006*(x-1670))	2.81	2.32
Linear	slope=0.563, intercept=-1.04e+03	2.81	2.32

E-commerce
UK
2.5
Businesses receiving orders through the Internet
% of business
Variety (Choice Availability)
eco_uki_2.5Var_d066_m055
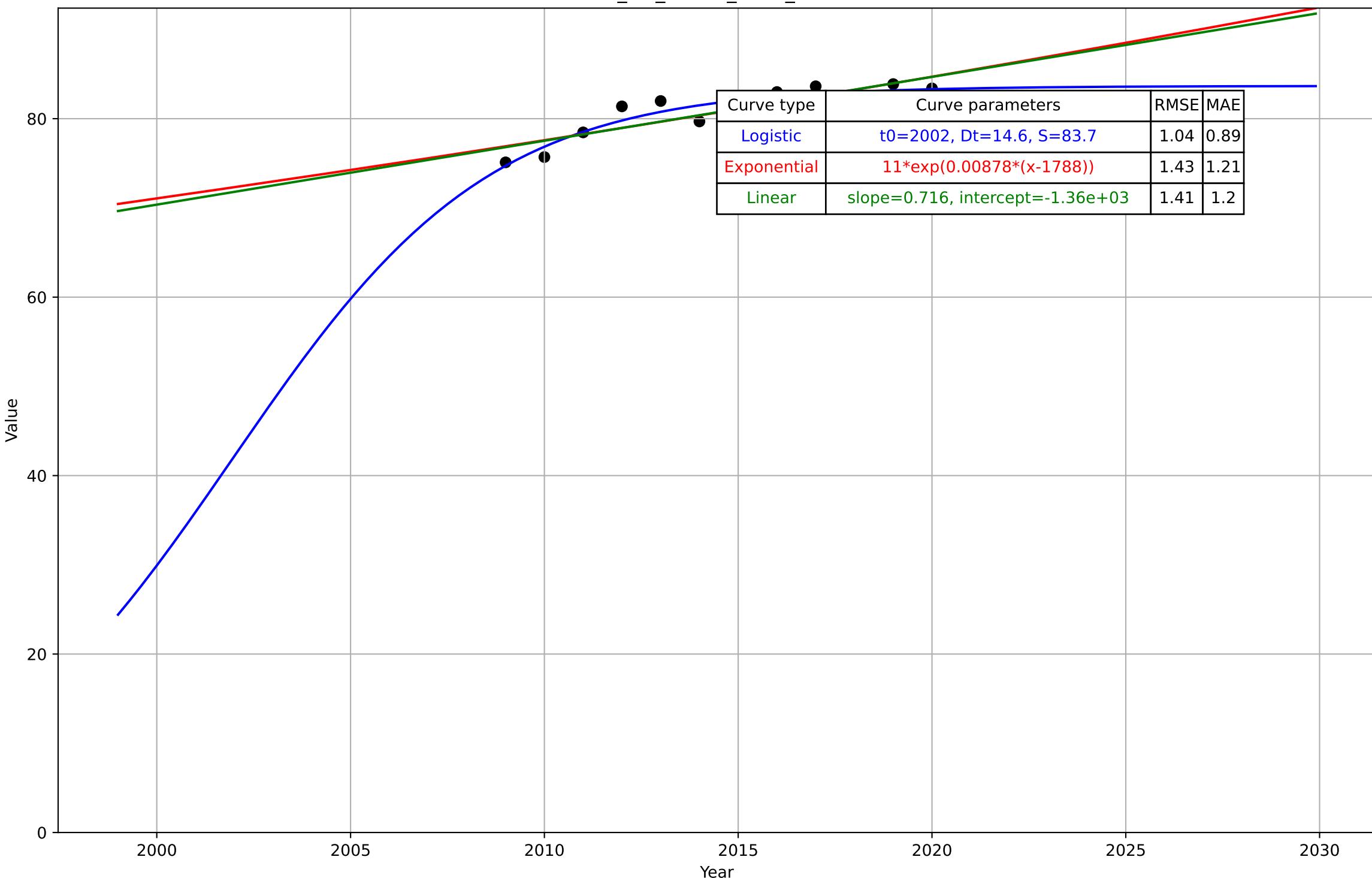
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=14.9, S=21.9	1.79	1.35
Exponential	3.74*exp(0.0277*(x-1956))	1.97	1.48
Linear	slope=0.561, intercept=-1.11e+03	1.94	1.46

E-commerce
UK
2.5
Businesses with a web presence
% of business
Variety (Choice Availability)
eco_uki_2.5Var_d067_m055

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=14.6, S=83.7	1.04	0.89
Exponential	11*exp(0.00878*(x-1788))	1.43	1.21
Linear	slope=0.716, intercept=-1.36e+03	1.41	1.2
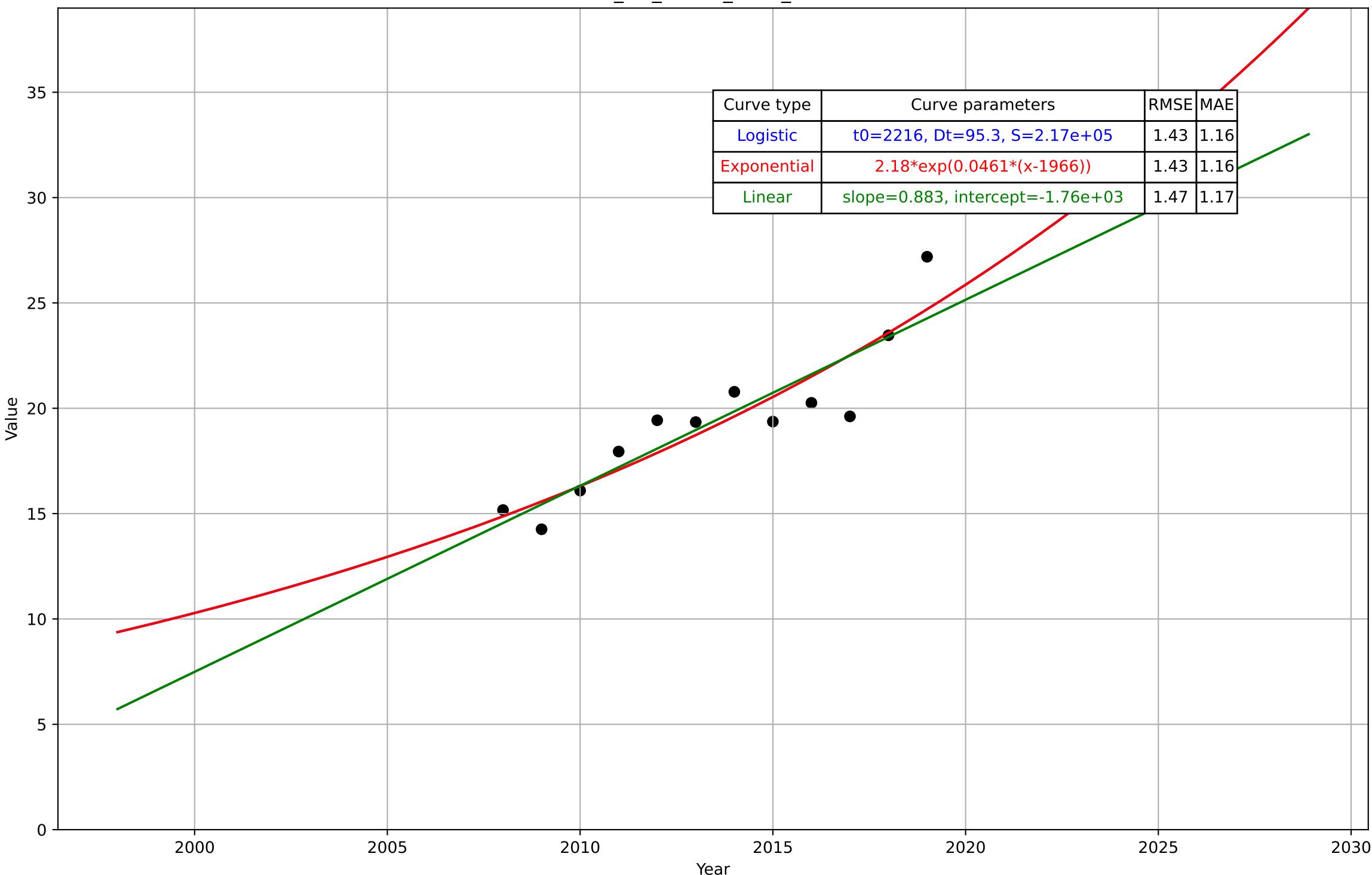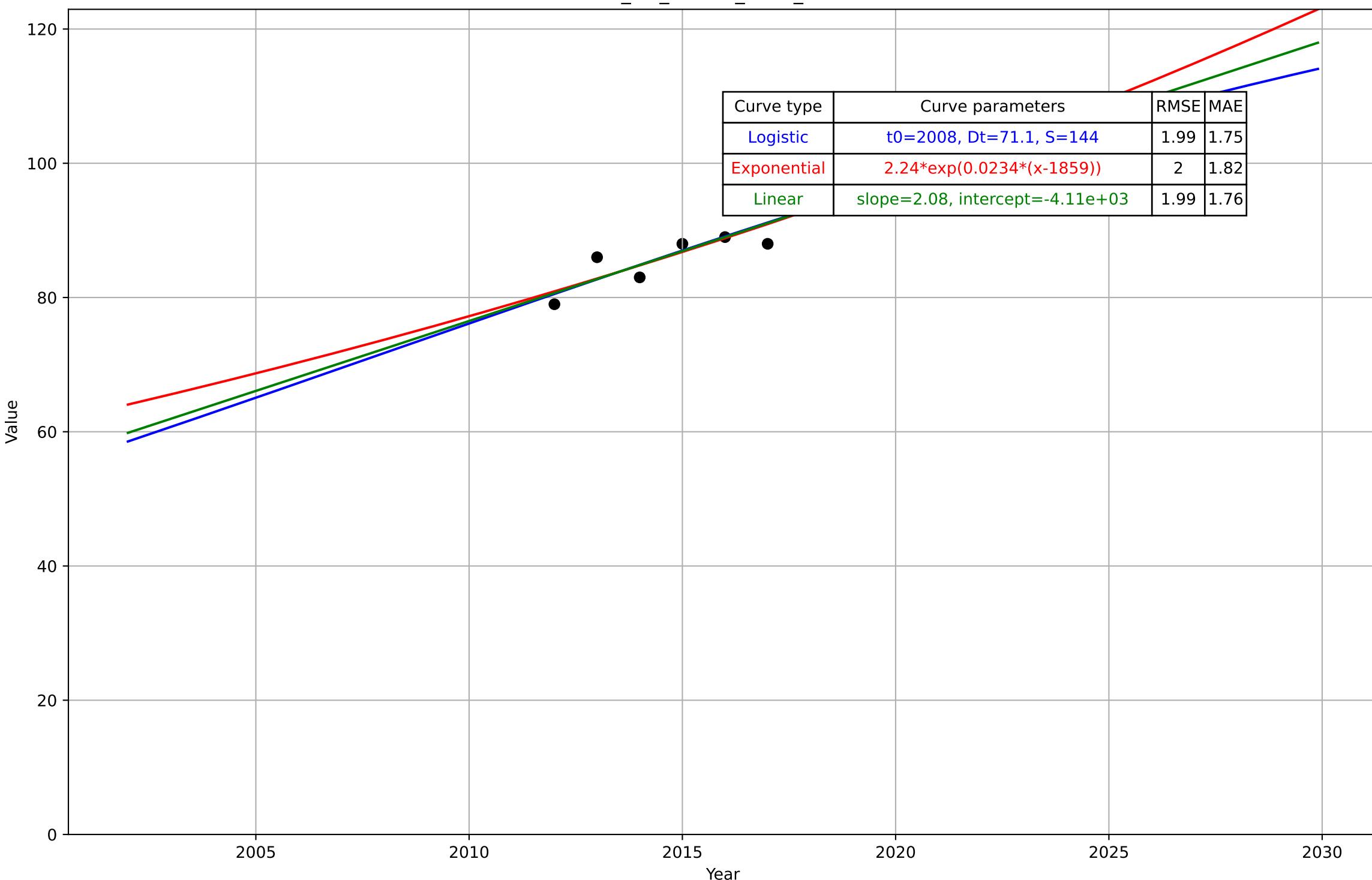
E-commerce
UK
2.5
Small firms selling online
% of small firms (10-49 employees)
Variety (Choice Availability)
eco_uki_2.5Var_d196_m067
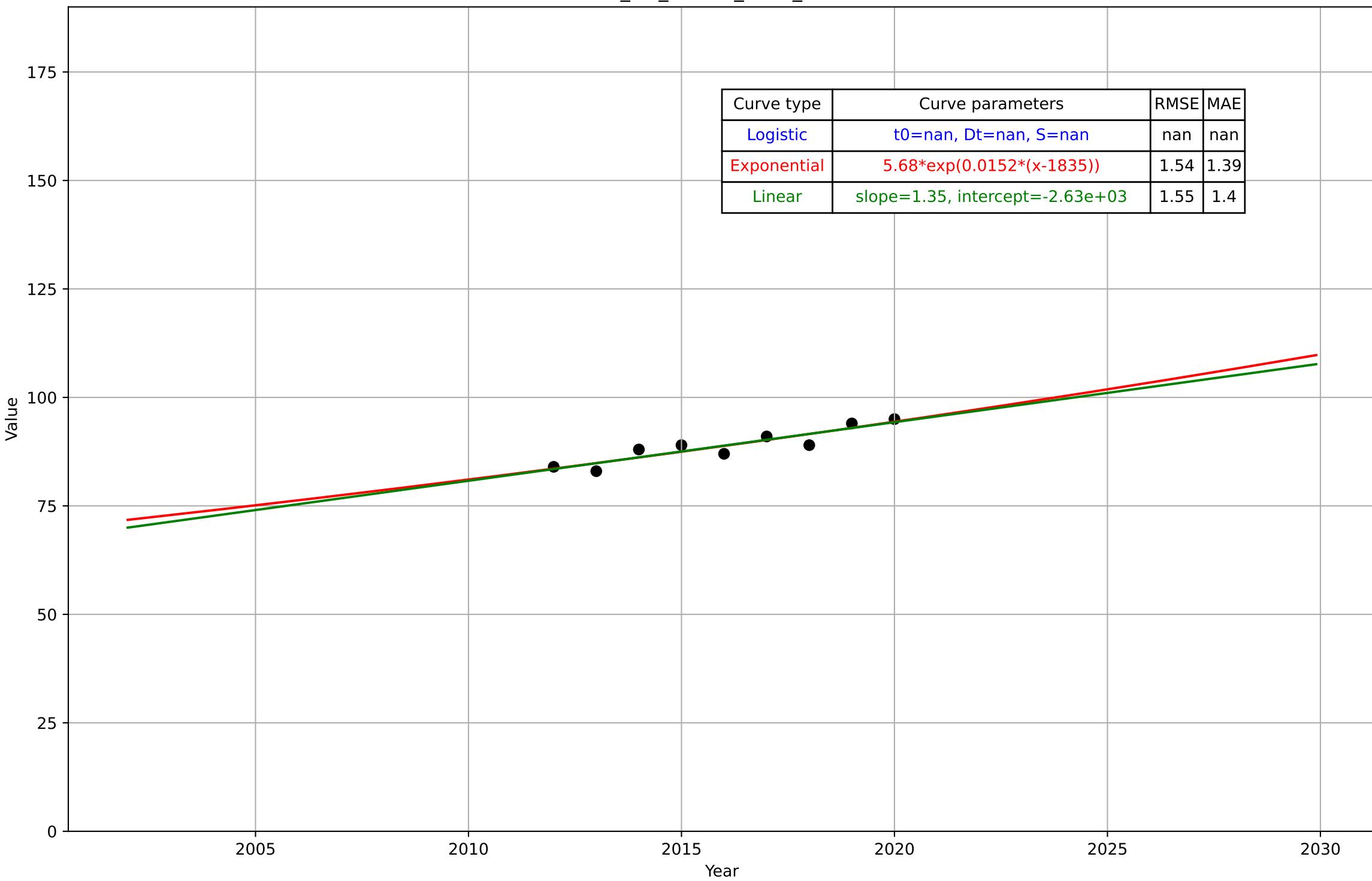
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2216, Dt=95.3, S=2.17e+05	1.43	1.16
Exponential	2.18*exp(0.0461*(x-1966))	1.43	1.16
Linear	slope=0.883, intercept=-1.76e+03	1.47	1.17

E-commerce
UK
3.2
% of individuals who made purchases online by (age 16-24)
% of age group
Adopter characteristics
eco_uki_3.2Adc_d022_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=71.1, S=144	1.99	1.75
Exponential	2.24*exp(0.0234*(x-1859))	2	1.82
Linear	slope=2.08, intercept=-4.11e+03	1.99	1.76
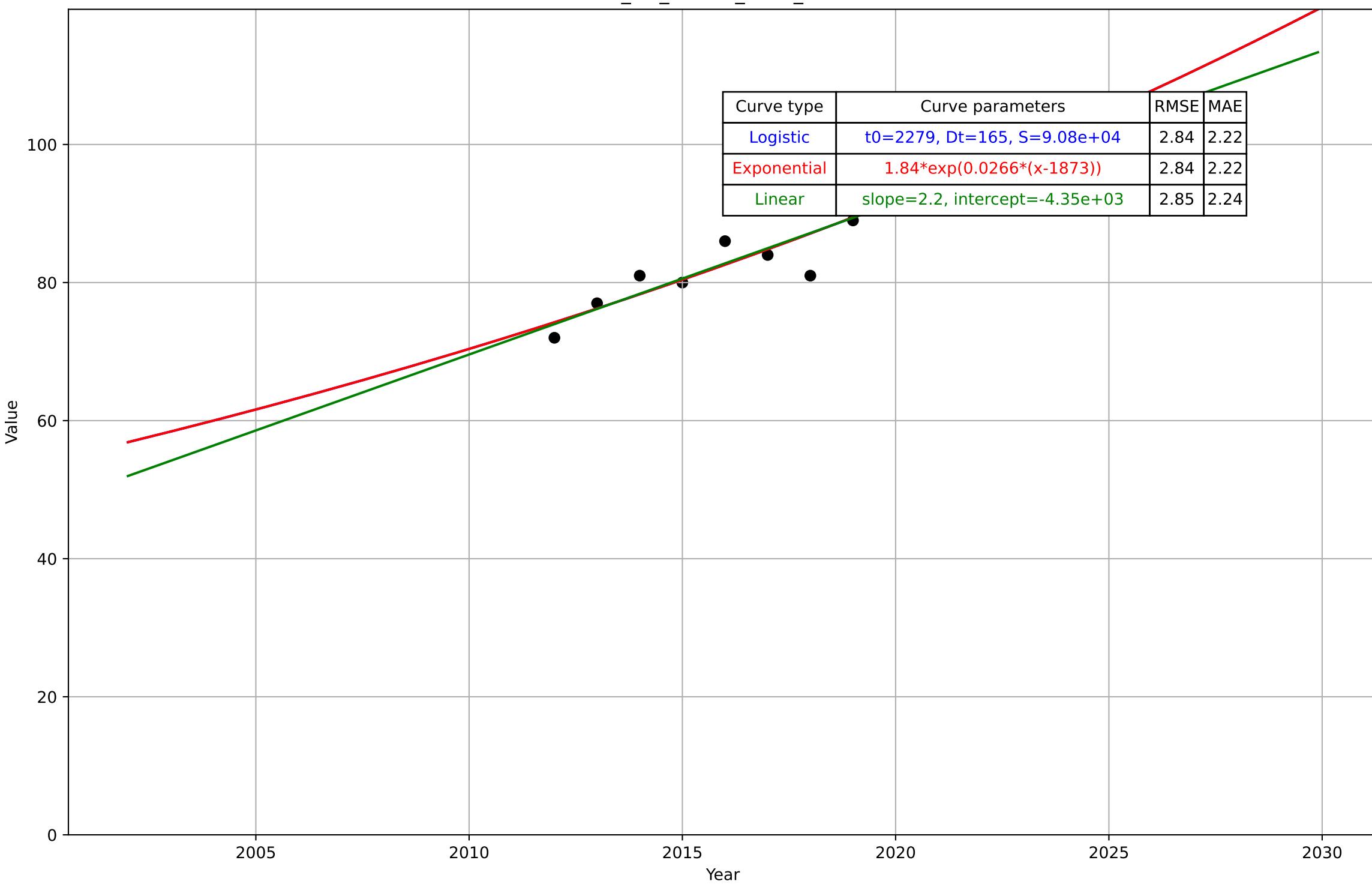
E-commerce
UK
3.2
% of individuals who made purchases online by (age 25-34)
% of age group
Adopter characteristics
eco_uki_3.2Adc_d023_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	5.22*exp(0.0139*(x-1809))	2.28	1.75
Linear	slope=1.27, intercept=-2.46e+03	2.3	1.76
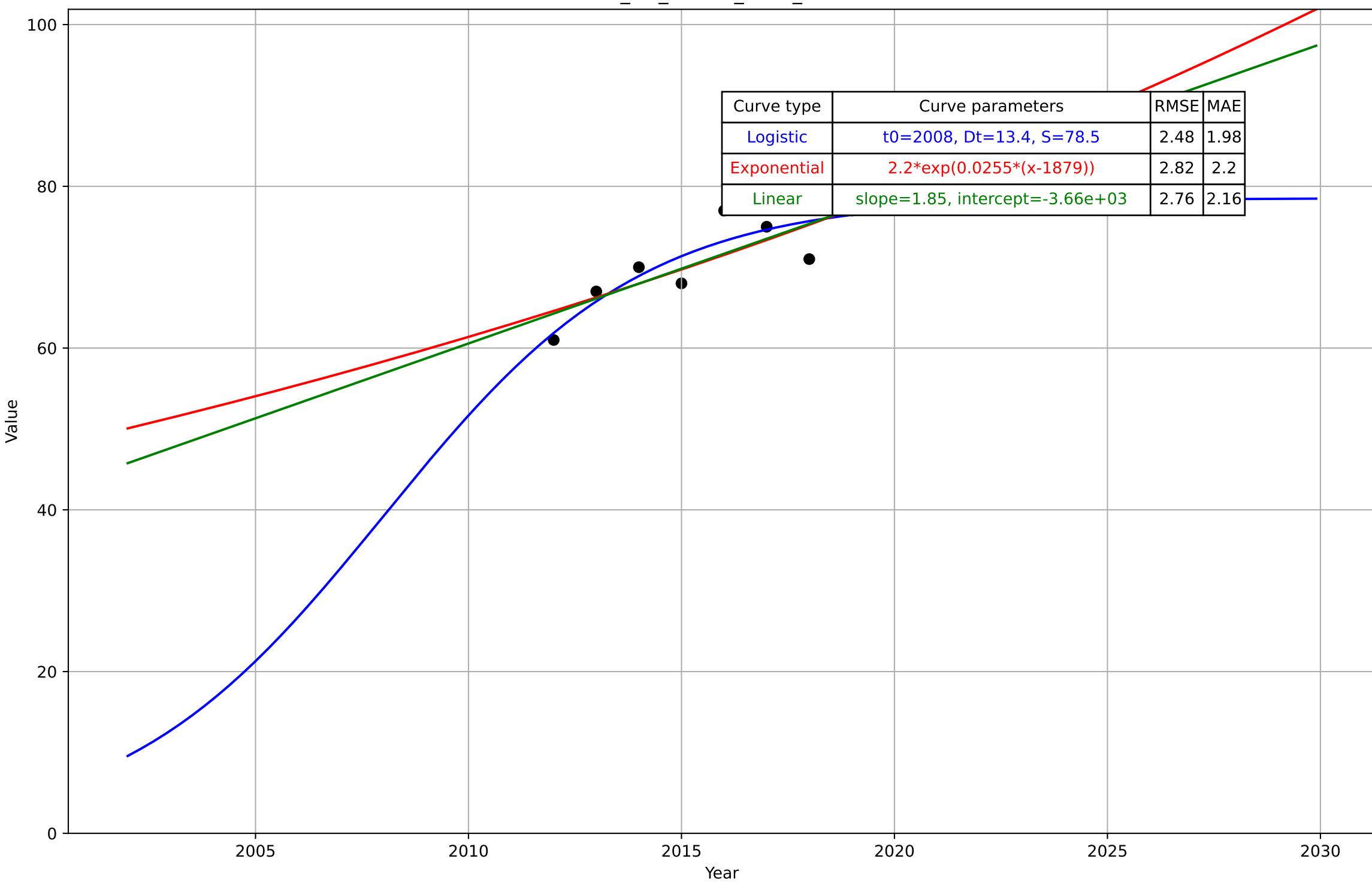
E-commerce
UK
3.2
% of individuals who made purchases online by (age 35-44)
% of age group
Adopter characteristics
eco_uki_3.2Adc_d024_m054

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	5.68*exp(0.0152*(x-1835))	1.54	1.39
Linear	slope=1.35, intercept=-2.63e+03	1.55	1.4
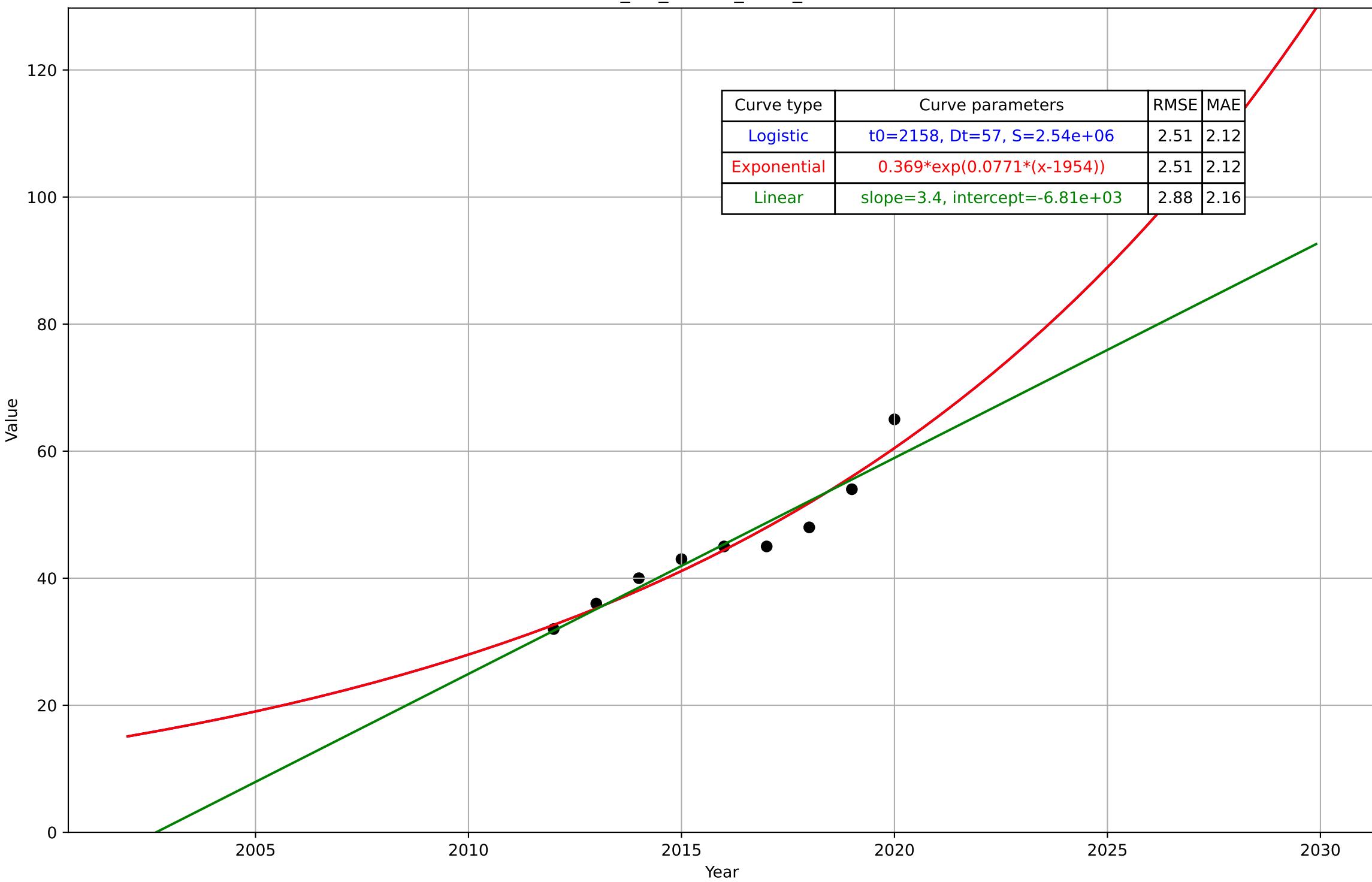
E-commerce
UK
3.2
% of individuals who made purchases online by (age 45-54)
% of age group
Adopter characteristics
eco_uki_3.2Adc_d025_m054

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2279, Dt=165, S=9.08e+04	2.84	2.22
Exponential	1.84*exp(0.0266*(x-1873))	2.84	2.22
Linear	slope=2.2, intercept=-4.35e+03	2.85	2.24
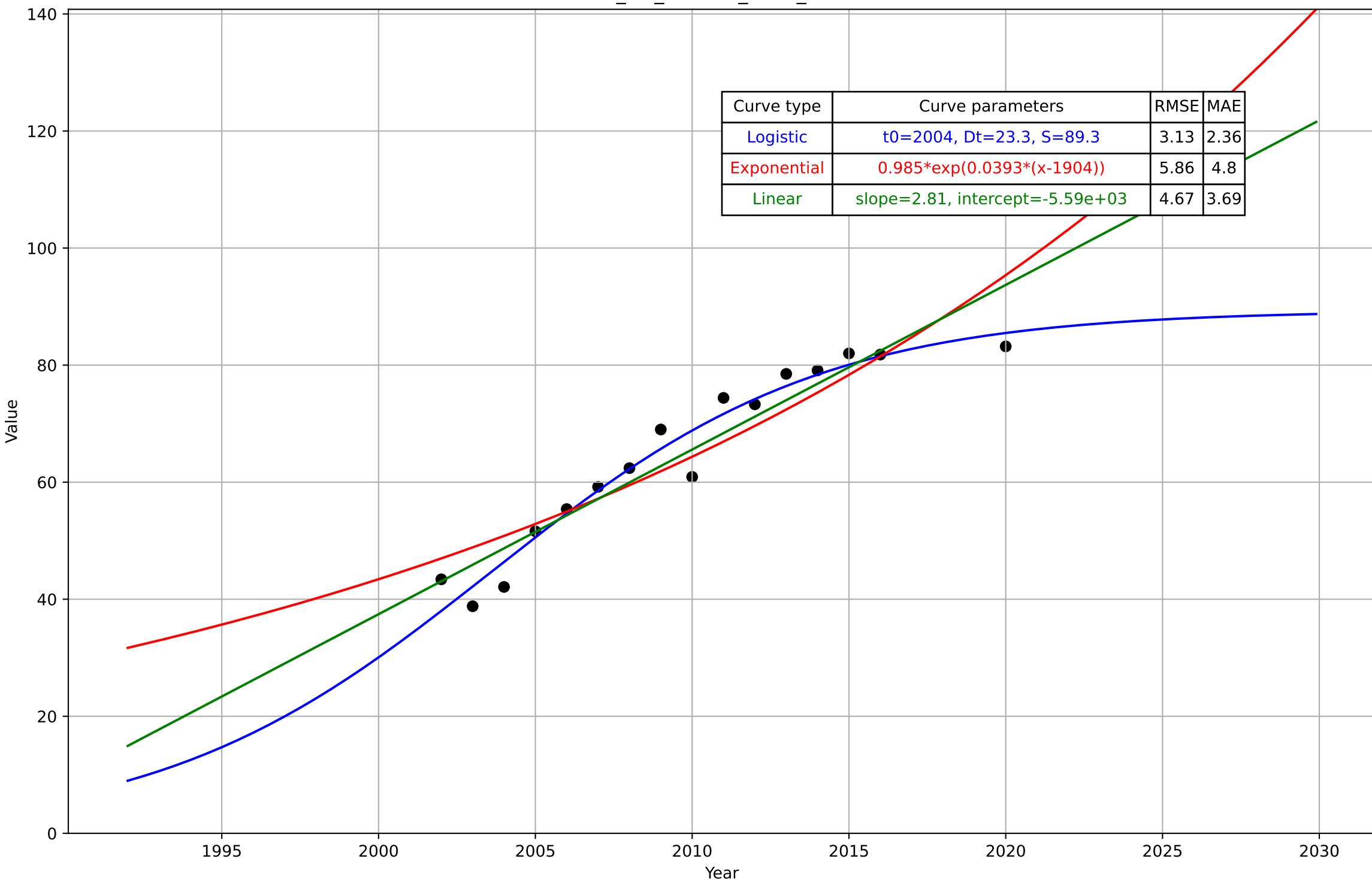
E-commerce
UK
3.2
% of individuals who made purchases online by (age 55-64)
% of age group
Adopter characteristics
eco_uki_3.2Adc_d026_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=13.4, S=78.5	2.48	1.98
Exponential	2.2*exp(0.0255*(x-1879))	2.82	2.2
Linear	slope=1.85, intercept=-3.66e+03	2.76	2.16

E-commerce
UK
3.2
% of individuals who made purchases online by (age 65+)
% of age group
## Adopter characteristics
eco_uki_3.2Adc_d027_m054

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2158, Dt=57, S=2.54e+06	2.51	2.12
Exponential	0.369*exp(0.0771*(x-1954))	2.51	2.12
Linear	slope=3.4, intercept=-6.81e+03	2.88	2.16

E-commerce
UK
4.3
Individuals using the Internet to purchase goods or services
% of individuals
Compatibility
eco_uki_4.3Com_d115_m060
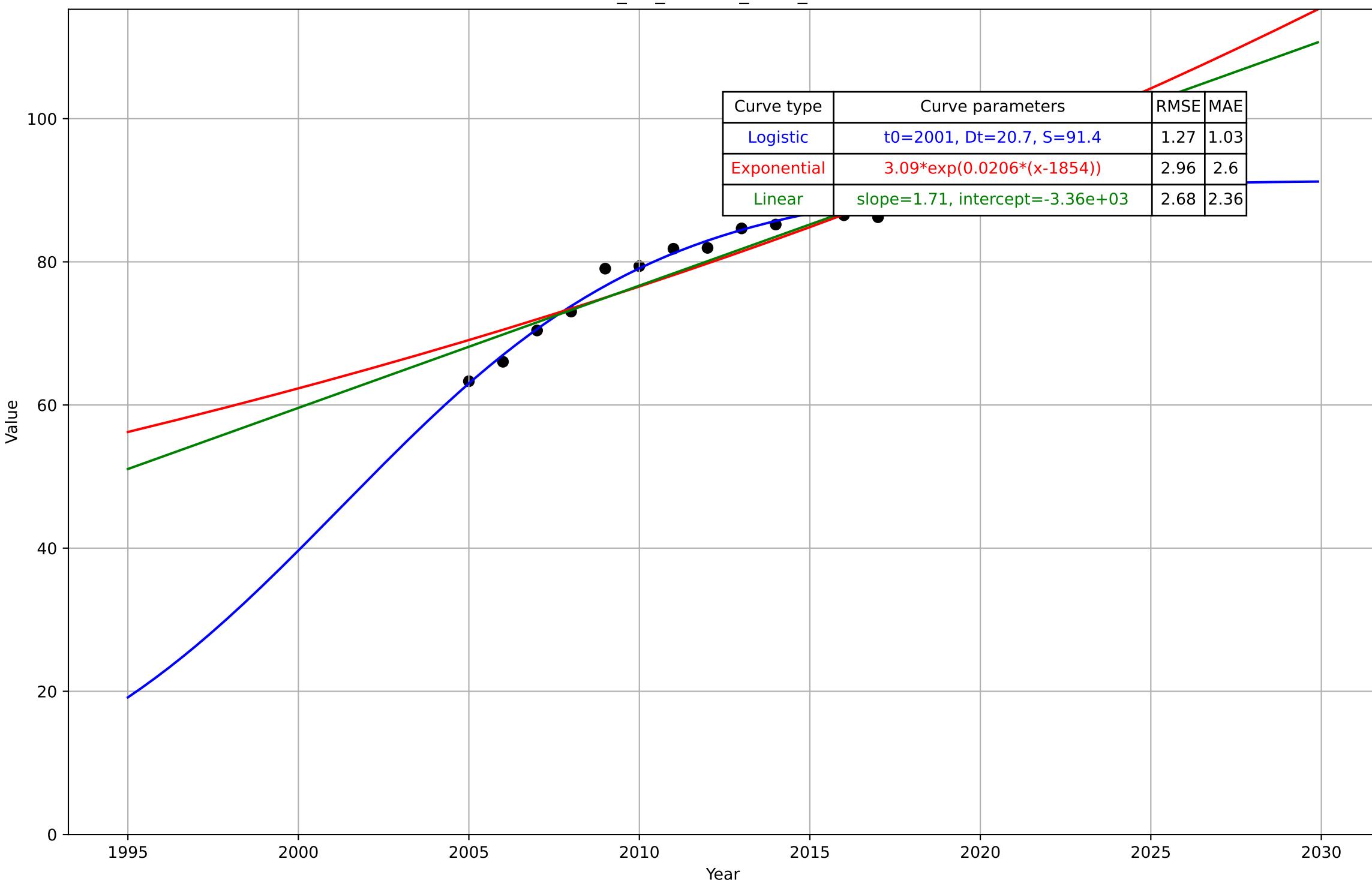
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=23.3, S=89.3	3.13	2.36
Exponential	0.985*exp(0.0393*(x-1904))	5.86	4.8
Linear	slope=2.81, intercept=-5.59e+03	4.67	3.69

E-commerce
UK
4.3
Internet users buying online
% of Internet users
Compatibility
eco_uki_4.3Com_d118_m062

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2001, Dt=20.7, S=91.4	1.27	1.03
Exponential	3.09*exp(0.0206*(x-1854))	2.96	2.6
Linear	slope=1.71, intercept=-3.36e+03	2.68	2.36
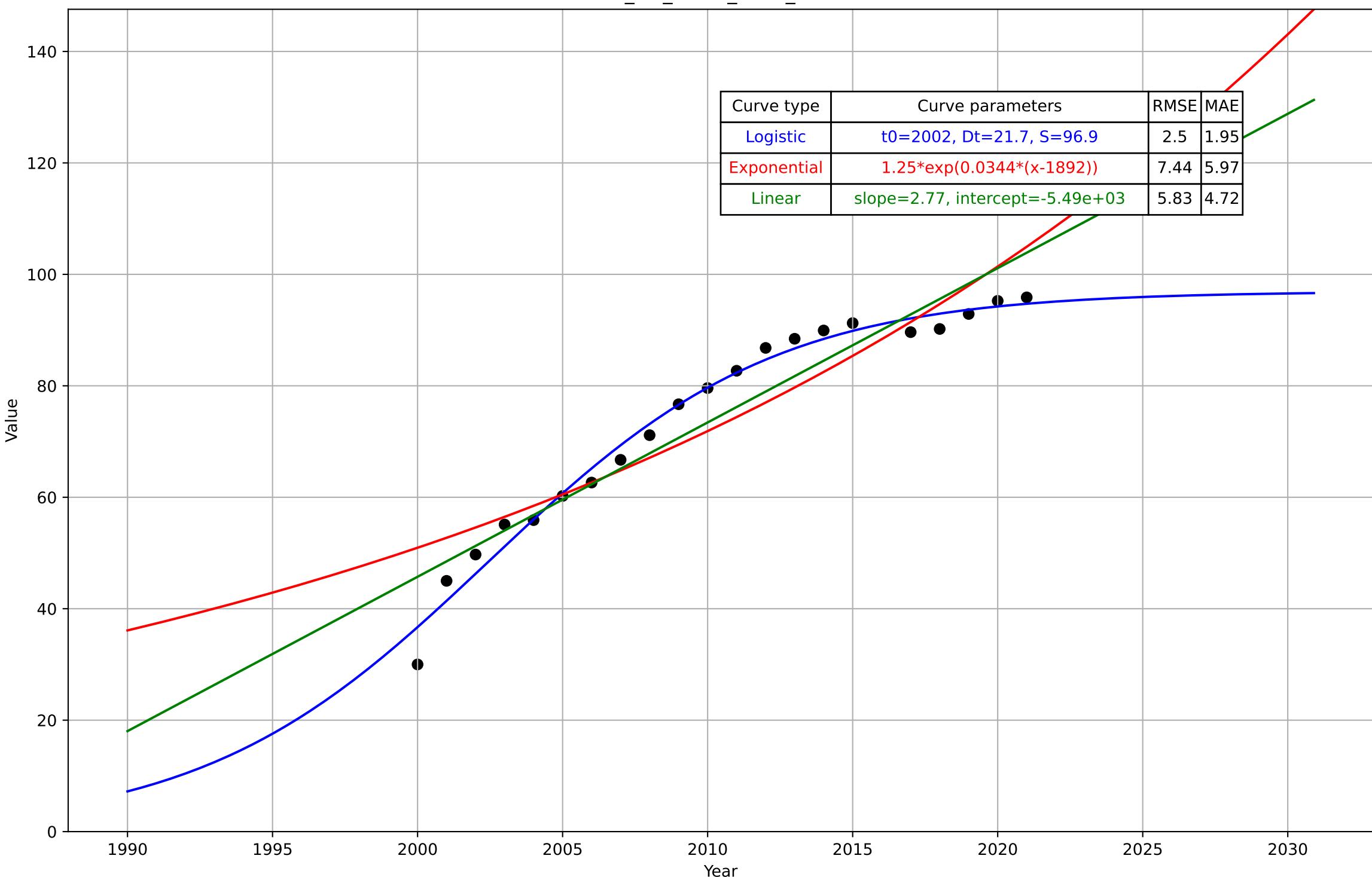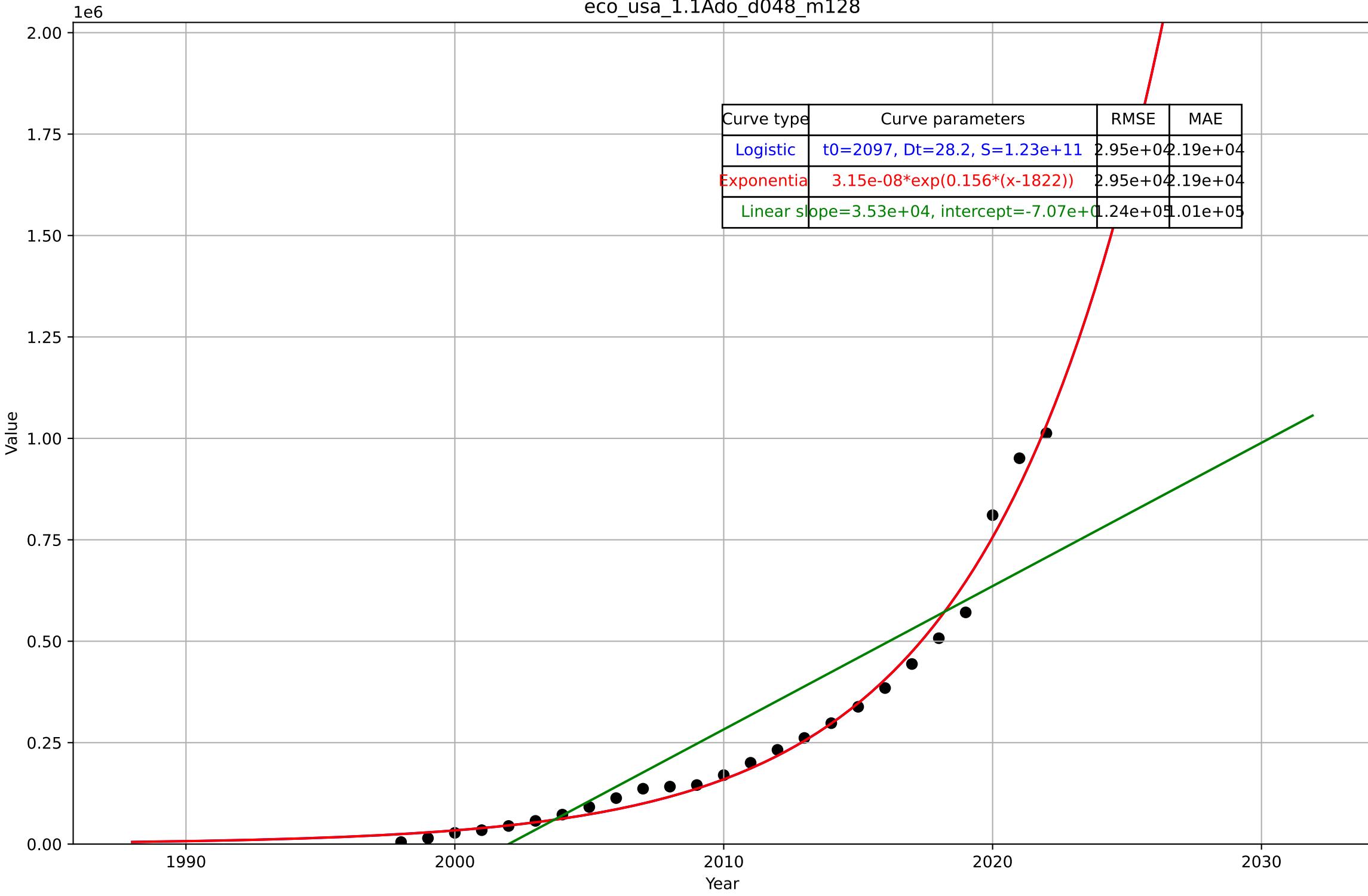
E-commerce
UK
4.5
Proportion of households with Internet access either via a fixed or mobile network
% of households
Infrastructure dependence
eco_uki_4.5Inf_d177_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=21.7, S=96.9	2.5	1.95
Exponential	1.25*exp(0.0344*(x-1892))	7.44	5.97
Linear	slope=2.77, intercept=-5.49e+03	5.83	4.72

E-commerce
United States
1.1
## Annual e-commerce sales value
Millions of US dollars
Adoption over time
eco_usa_1.1Ado_d048_m128
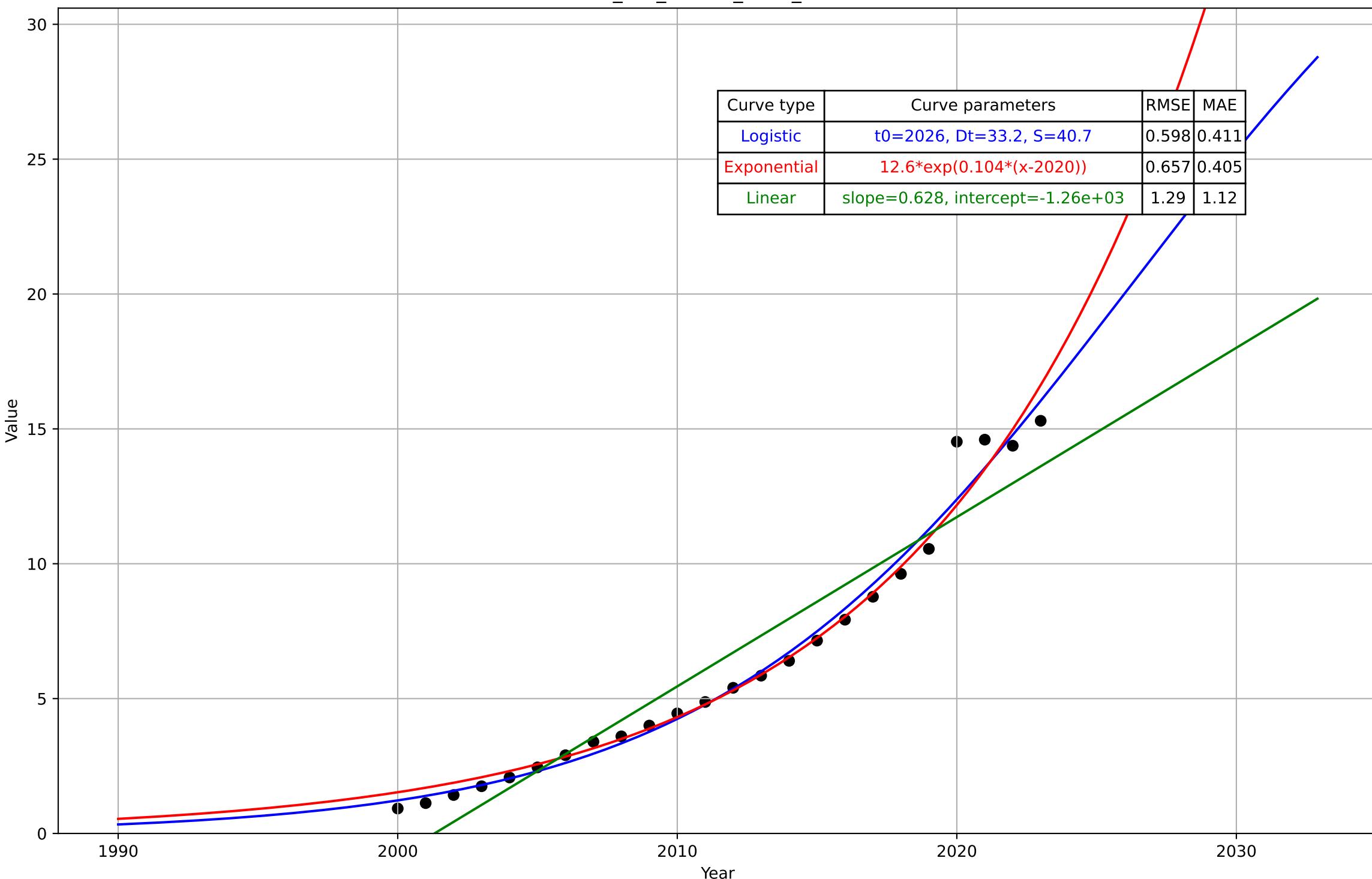
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2097, Dt=28.2, S=1.23e+11	2.95e+04	2.19e+04
Exponential	3.15e-08*exp(0.156*(x-1822))	2.95e+04	2.19e+04
Linear	slope=3.53e+04, intercept=-7.07e+01	1.24e+05	1.01e+05

E-commerce
United States
1.1
Internet sales as a percentage of total retail sales (ratio) (%)
% of total retail
Adoption over time
eco_usa_1.1Ado_d117_m068
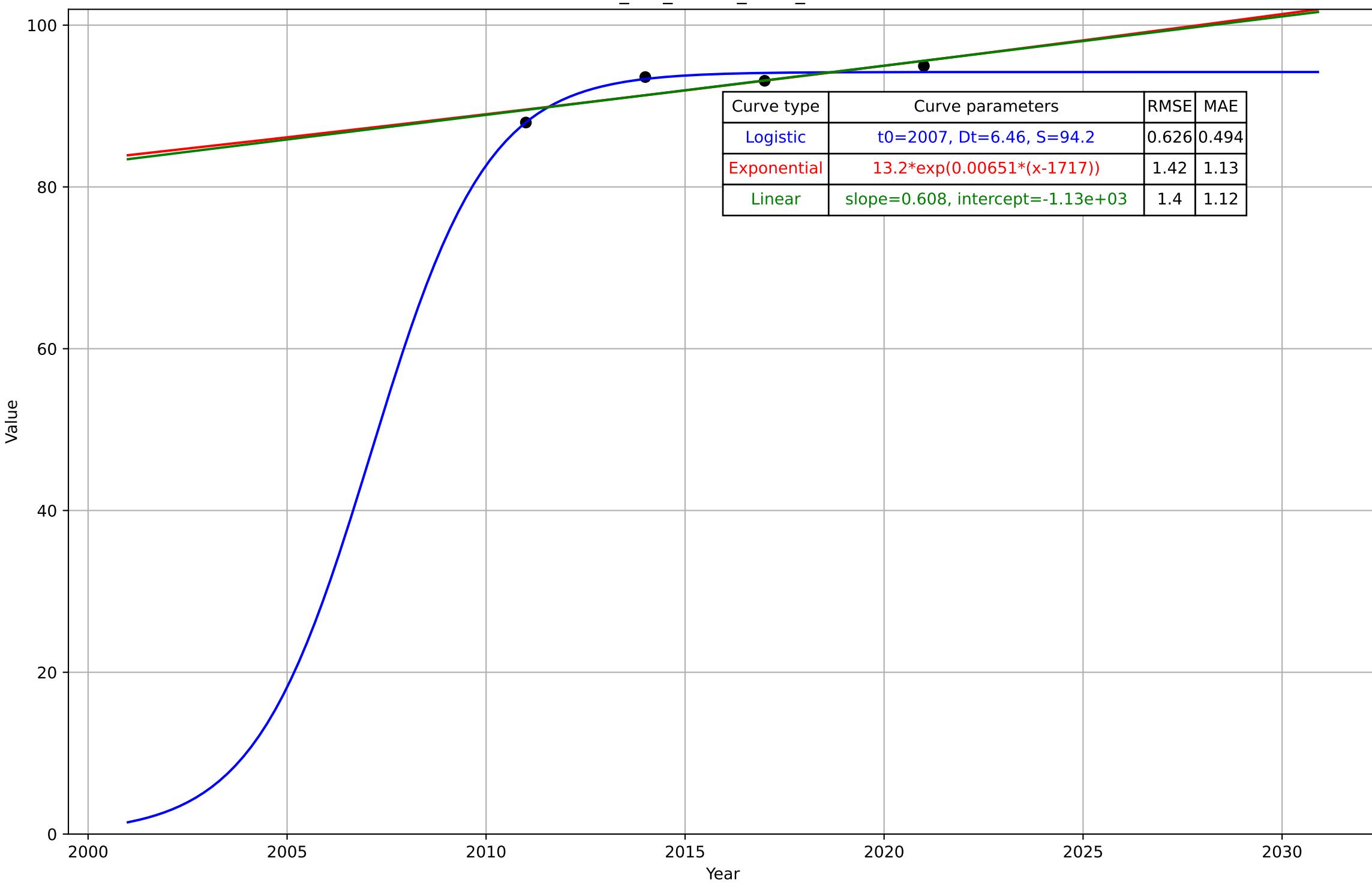
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2026, Dt=33.2, S=40.7	0.598	0.411
Exponential	12.6*exp(0.104*(x-2020))	0.657	0.405
Linear	slope=0.628, intercept=-1.26e+03	1.29	1.12
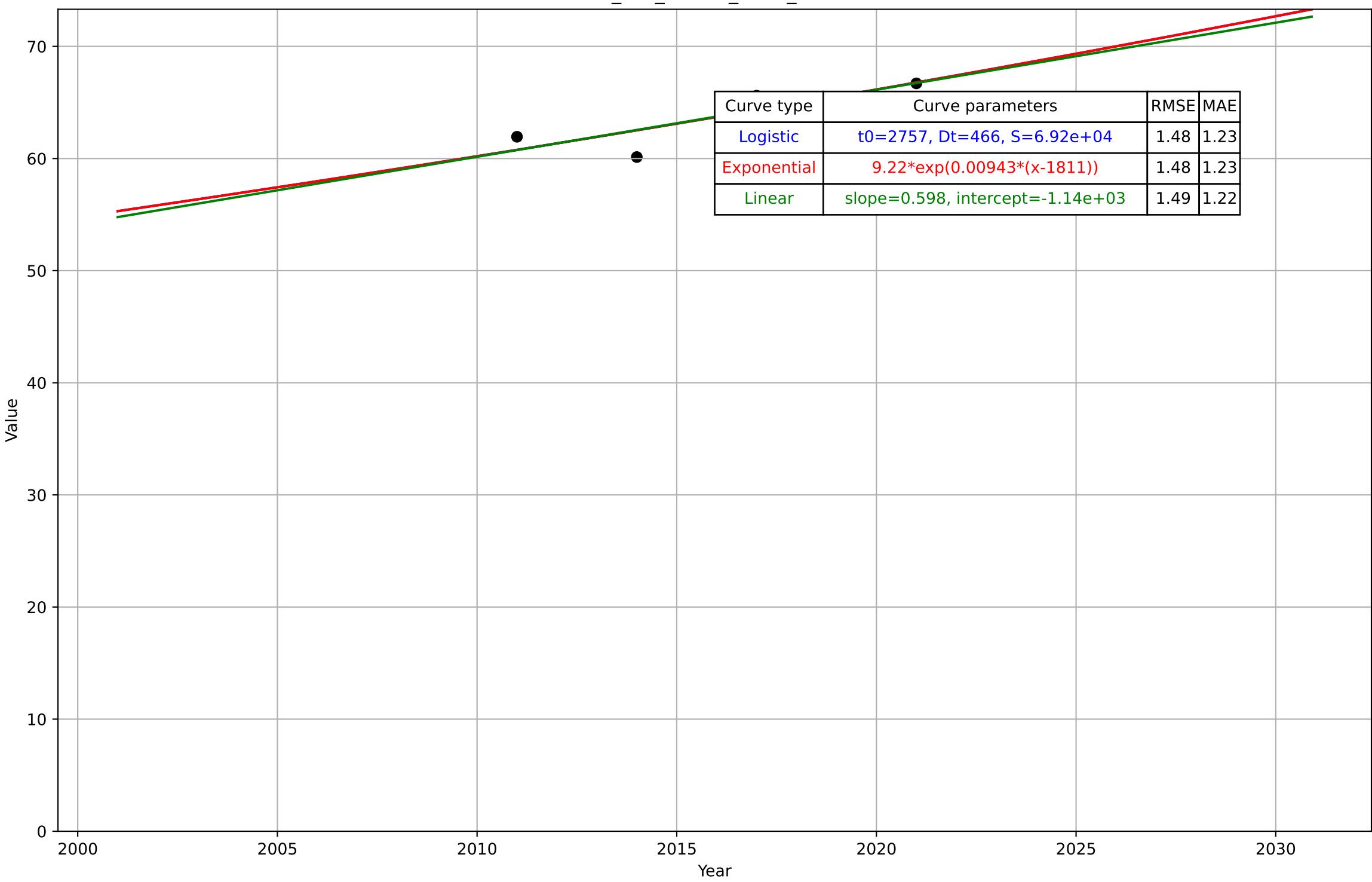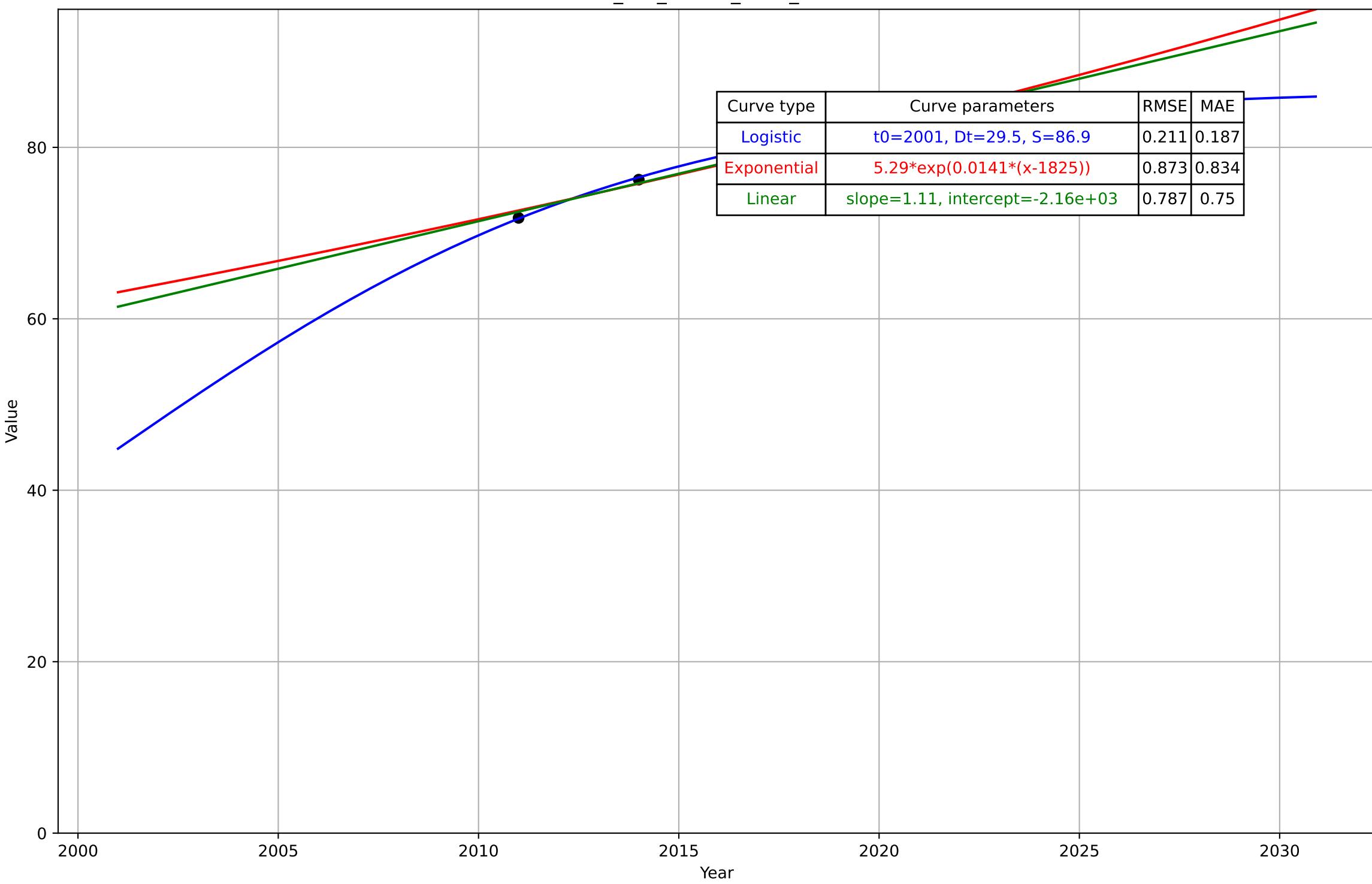
E-commerce
United States
2.4
Account in financial institution
% of age 15+
Ease of Use
eco_usa_2.4Eas_d045_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=6.46, S=94.2	0.626	0.494
Exponential	13.2*exp(0.00651*(x-1717))	1.42	1.13
Linear	slope=0.608, intercept=-1.13e+03	1.4	1.12

E-commerce
United States
2.4
Owns a credit card
% of age 15+
Ease of Use
eco_usa_2.4Eas_d162_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2757, Dt=466, S=6.92e+04	1.48	1.23
Exponential	9.22*exp(0.00943*(x-1811))	1.48	1.23
Linear	slope=0.598, intercept=-1.14e+03	1.49	1.22
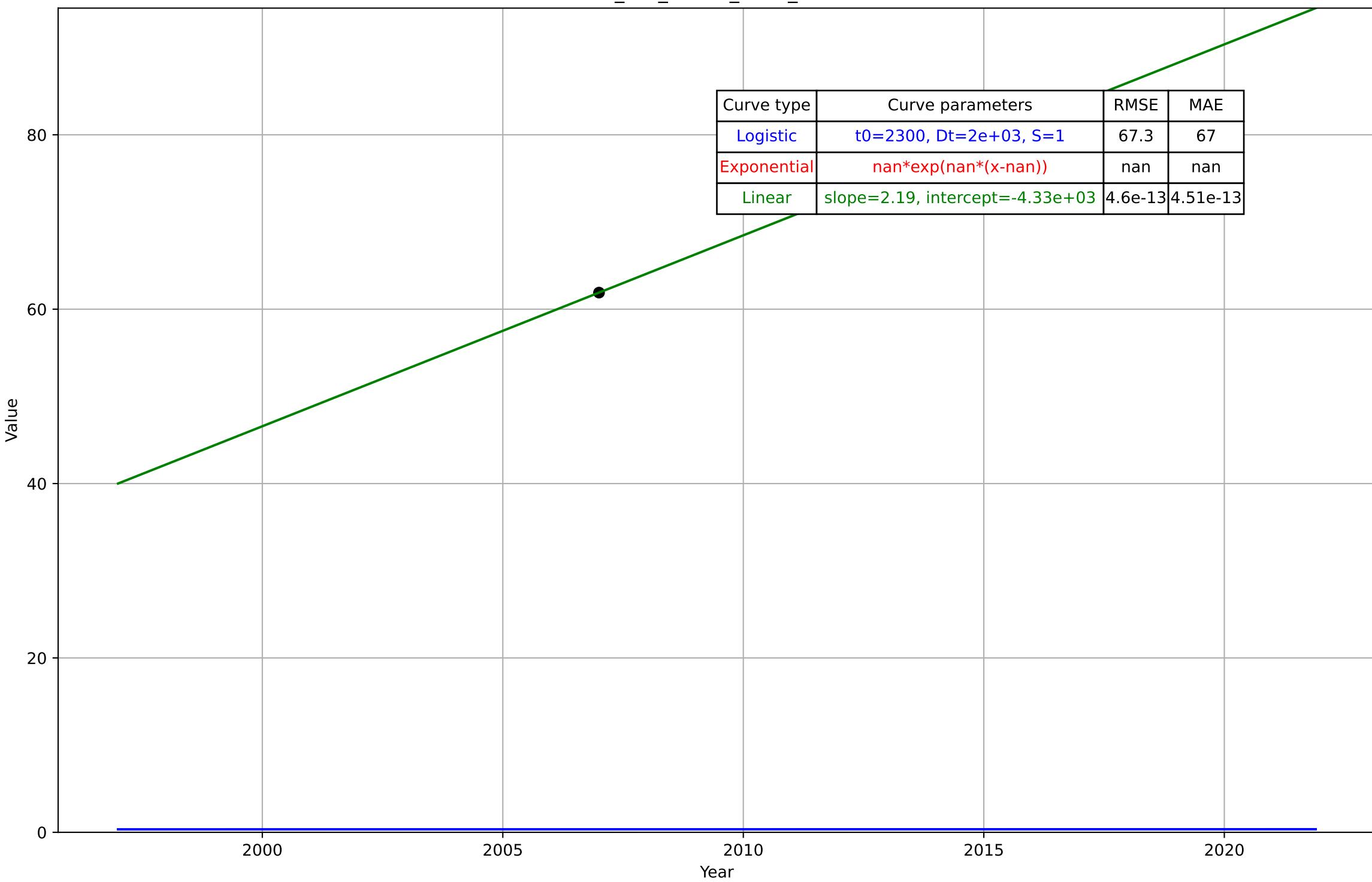
E-commerce
United States
2.4
Owns a debit card
% of age 15+
Ease of Use
eco_usa_2.4Eas_d163_m053

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2001, Dt=29.5, S=86.9	0.211	0.187
Exponential	5.29*exp(0.0141*(x-1825))	0.873	0.834
Linear	slope=1.11, intercept=-2.16e+03	0.787	0.75
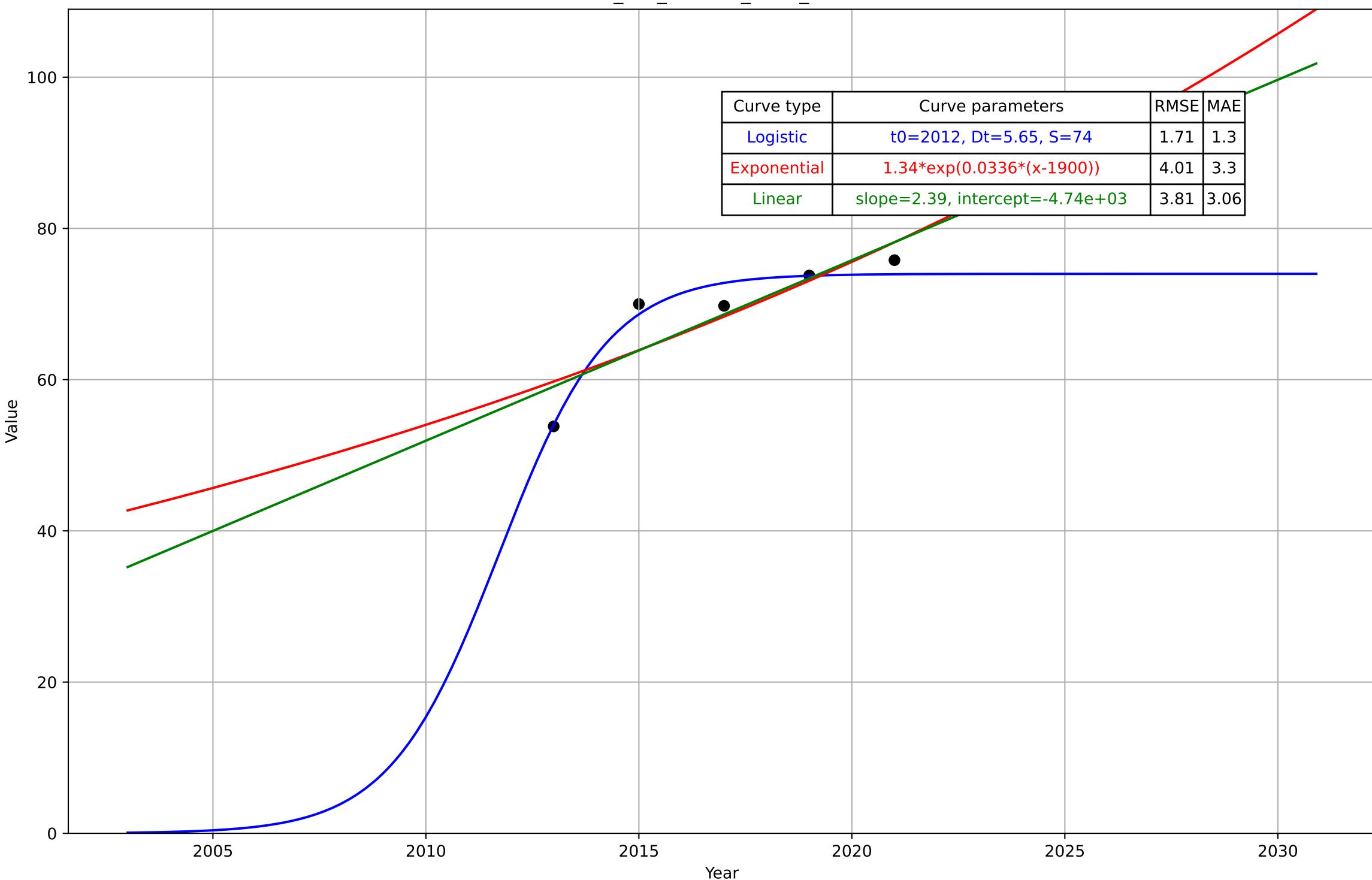
E-commerce
United States
2.5
Businesses with a web presence
% of business
Variety (Choice Availability)
eco_usa_2.5Var_d067_m055

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2300, Dt=2e+03, S=1	67.3	67
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=2.19, intercept=-4.33e+03	4.6e-13	4.51e-13
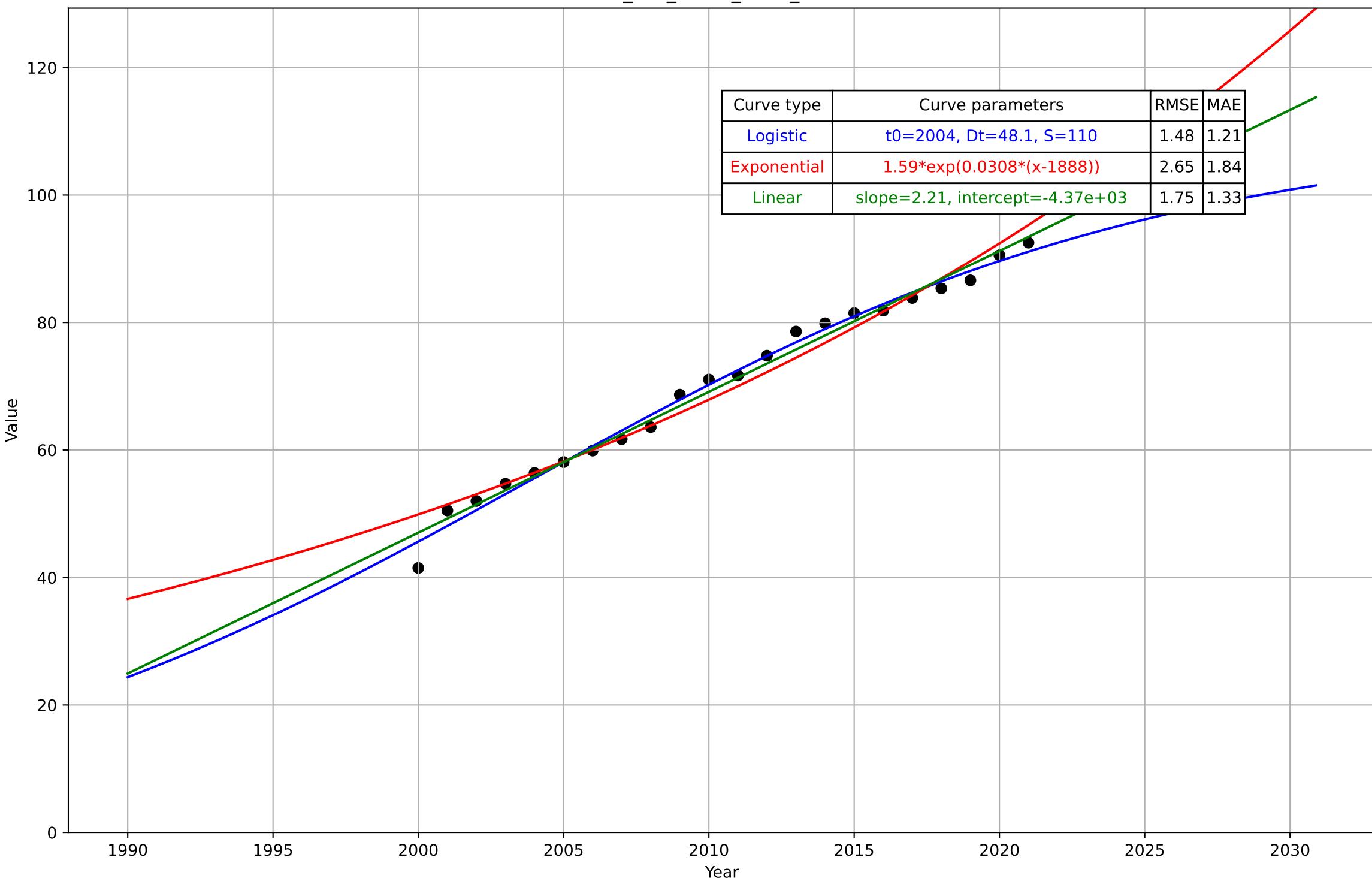
E-commerce
United States
4.3
Internet users buying online
% of Internet users
Compatibility
eco_usa_4.3Com_d118_m062
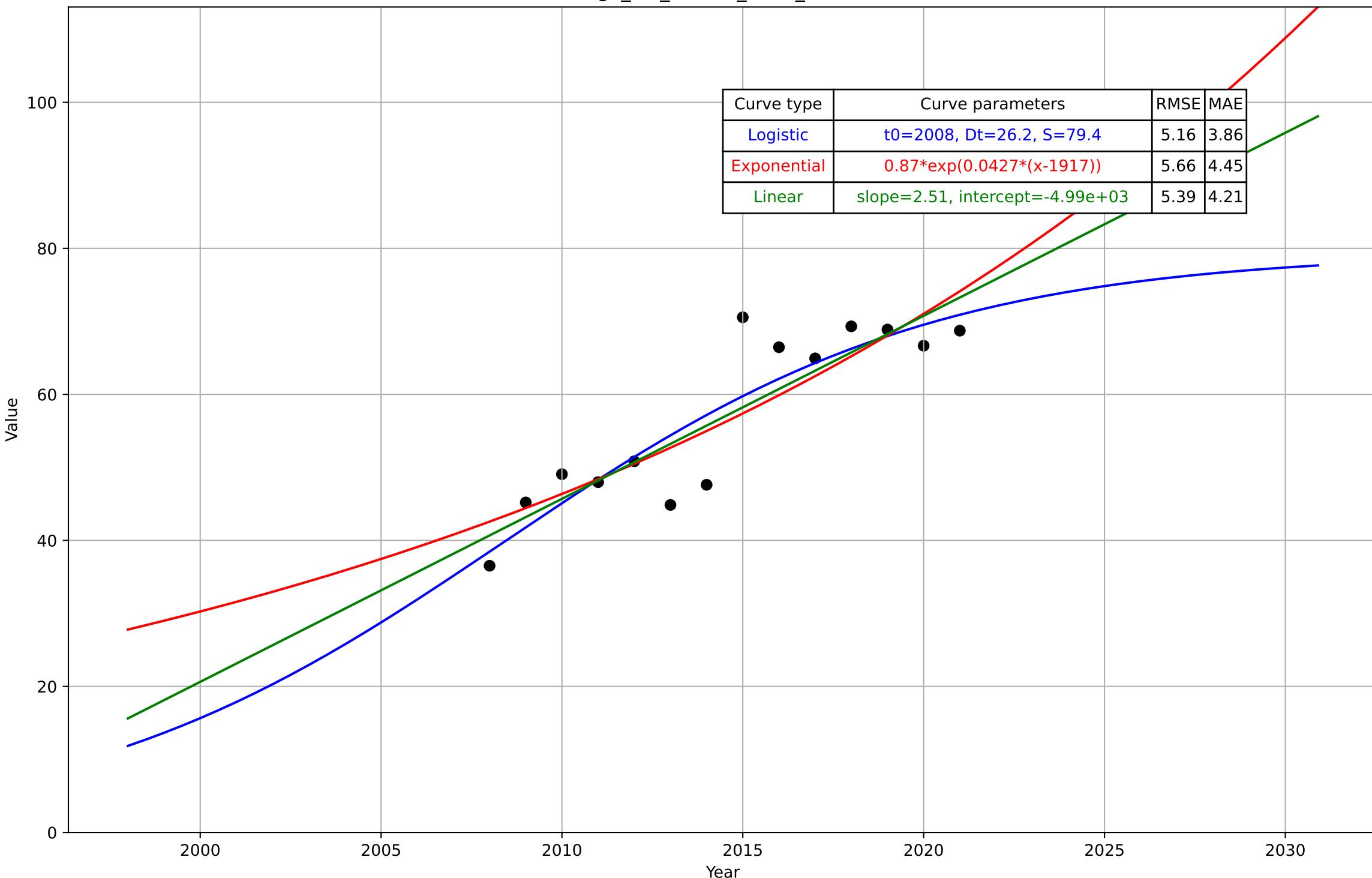
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=5.65, S=74	1.71	1.3
Exponential	1.34*exp(0.0336*(x-1900))	4.01	3.3
Linear	slope=2.39, intercept=-4.74e+03	3.81	3.06

E-commerce
United States
4.5
Proportion of households with Internet access either via a fixed or mobile network
## % of households
Infrastructure dependence
eco_usa_4.5Inf_d177_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=48.1, S=110	1.48	1.21
Exponential	1.59*exp(0.0308*(x-1888))	2.65	1.84
Linear	slope=2.21, intercept=-4.37e+03	1.75	1.33
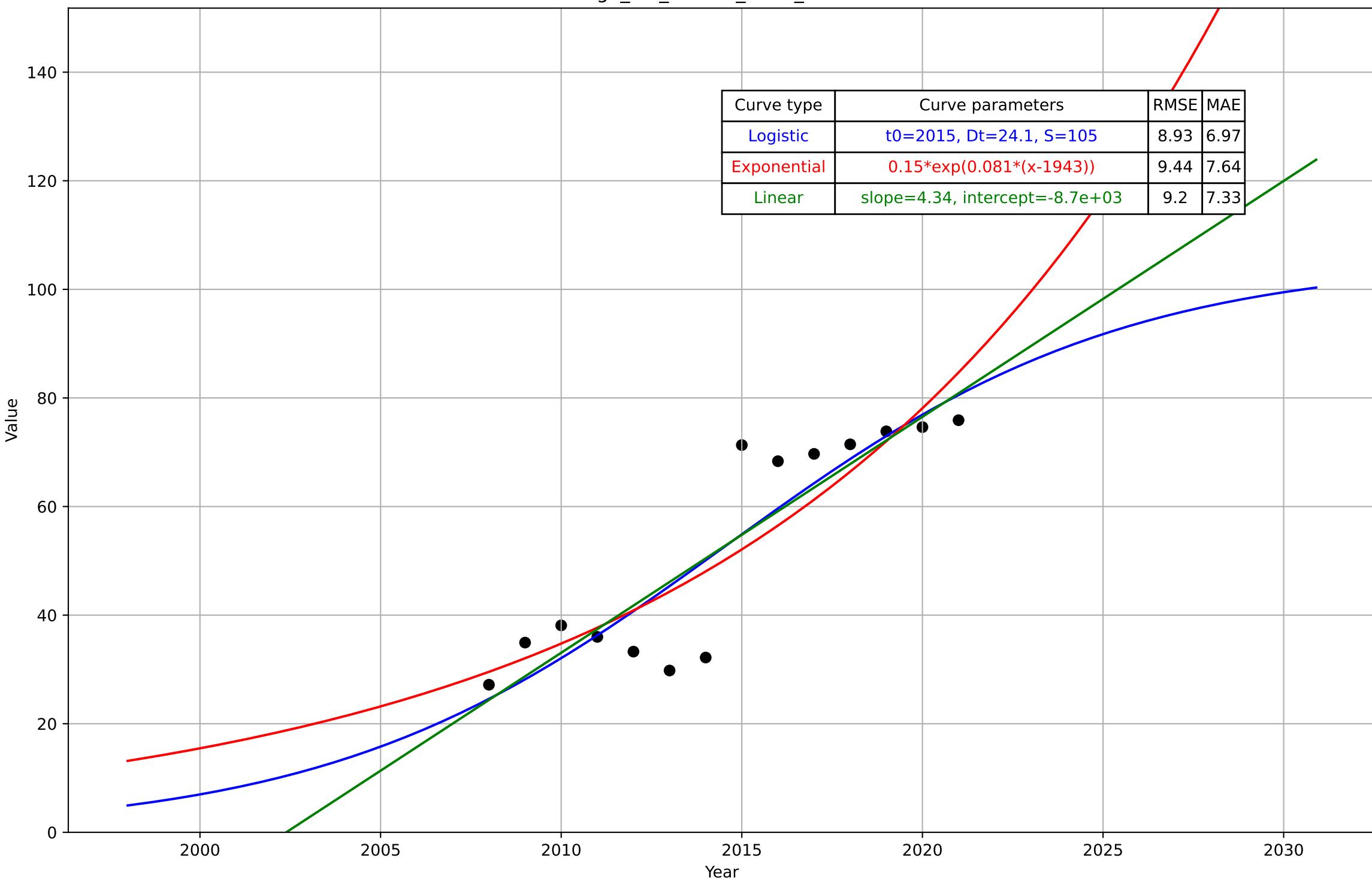
# E-government
Estonia
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_est_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=20.6, S=89	6.23	4.33
Exponential	0.674*exp(0.0444*(x-1913))	7.81	6.17
Linear	slope=3.11, intercept=-6.2e+03	7.1	5.41

E-government
## Estonia
1.1
% people who obtained information from public authorities' web sites (in the past year)
%
Adoption over time
ego_est_1.1Ado_d035_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=26.2, S=79.4	5.16	3.86
Exponential	0.87*exp(0.0427*(x-1917))	5.66	4.45
Linear	slope=2.51, intercept=-4.99e+03	5.39	4.21
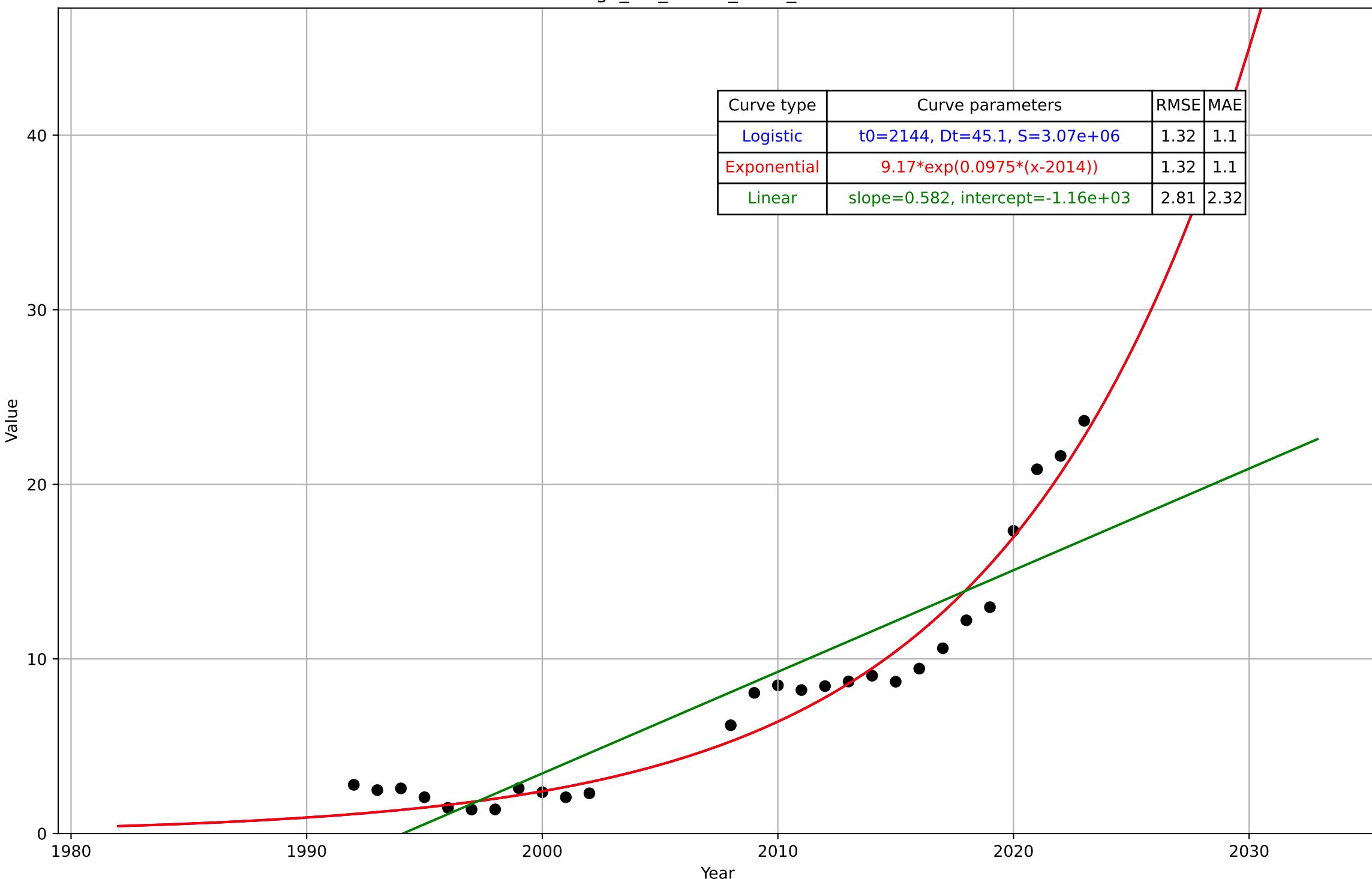
E-government
Estonia
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_est_1.1Ado_d036_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=24.1, S=105	8.93	6.97
Exponential	0.15*exp(0.081*(x-1943))	9.44	7.64
Linear	slope=4.34, intercept=-8.7e+03	9.2	7.33
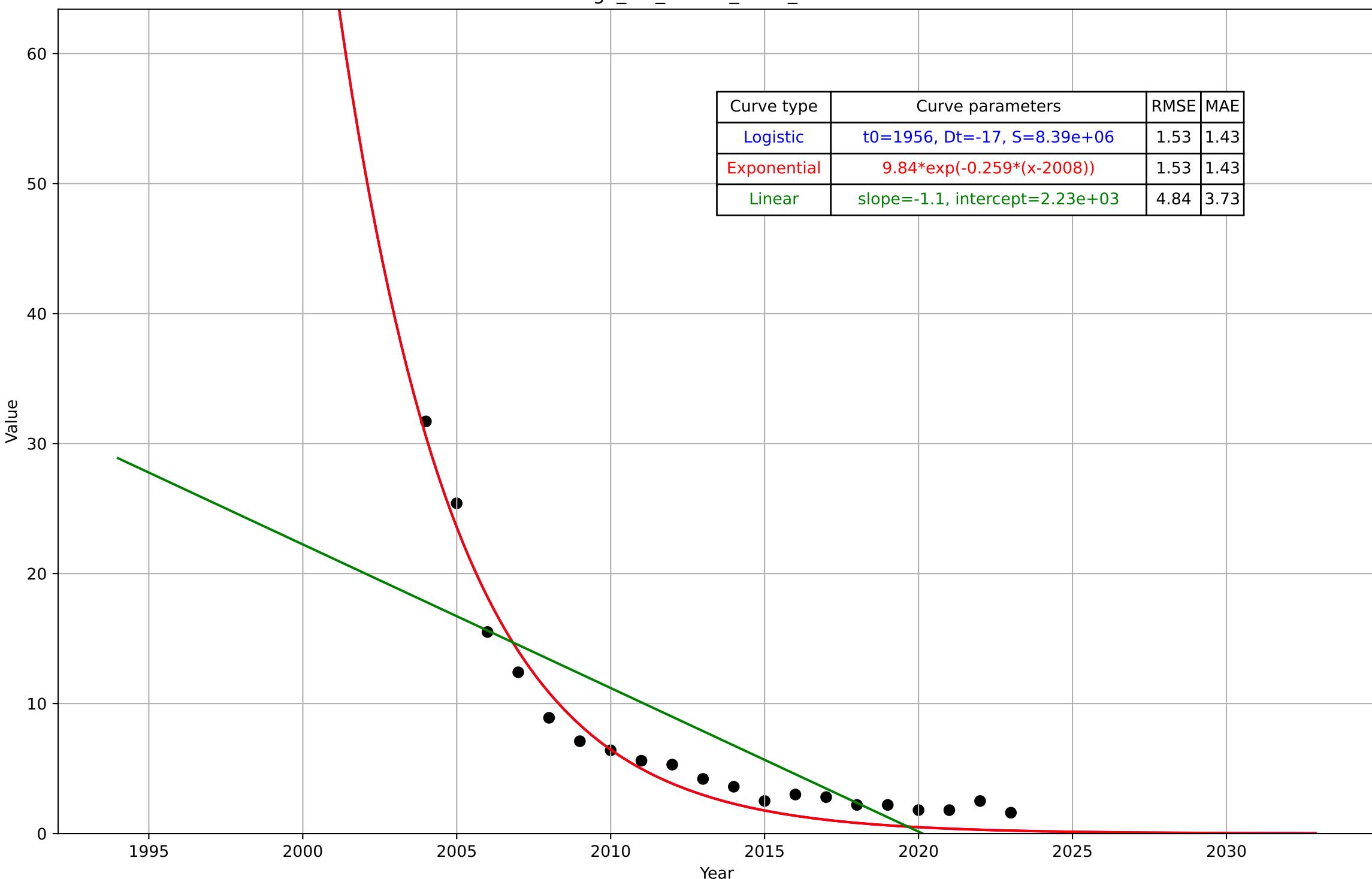
E-government
Estonia
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_est_2.2Rel_d113_m025
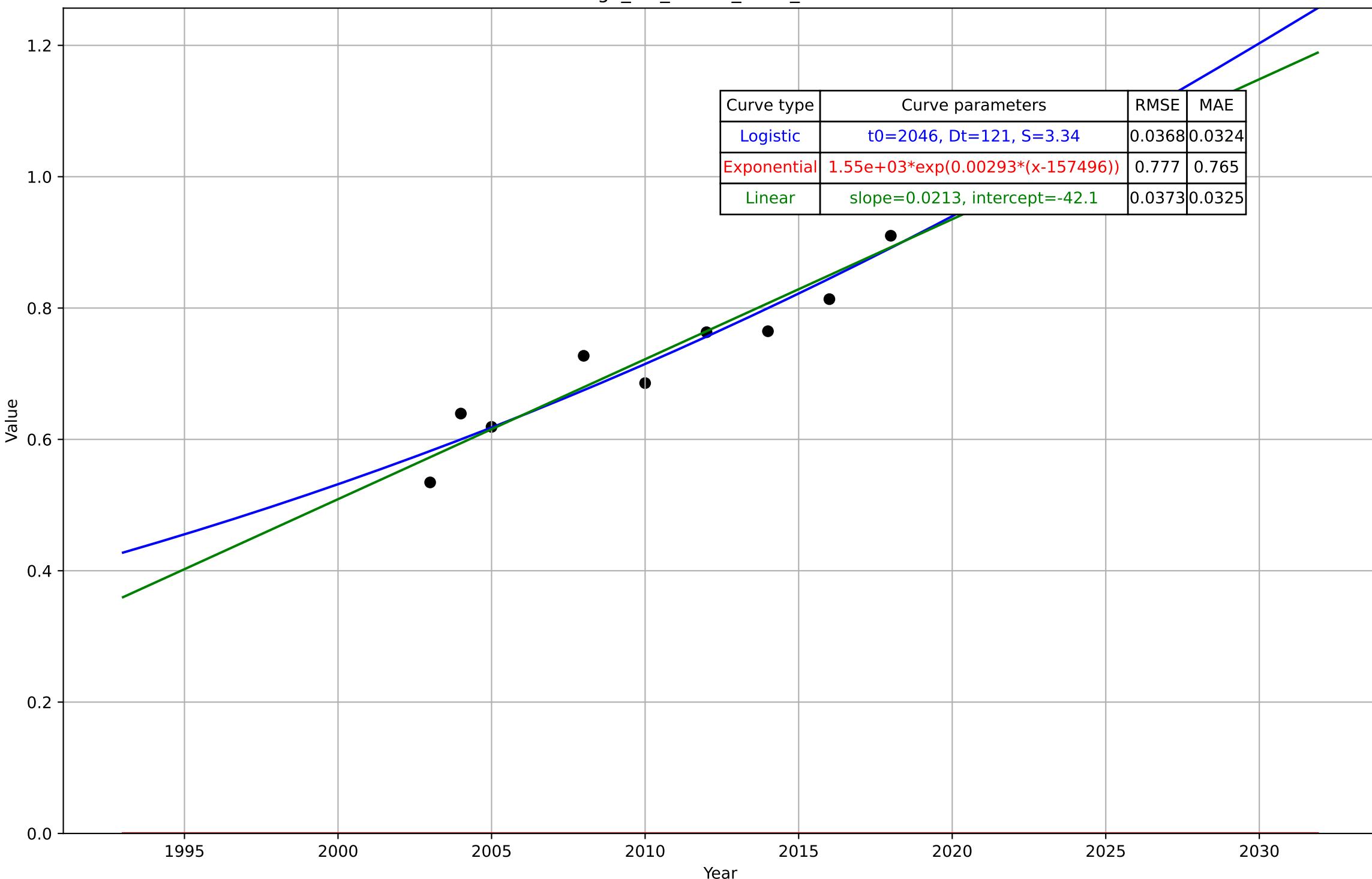
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2144, Dt=45.1, S=3.07e+06	1.32	1.1
Exponential	9.17*exp(0.0975*(x-2014))	1.32	1.1
Linear	slope=0.582, intercept=-1.16e+03	2.81	2.32
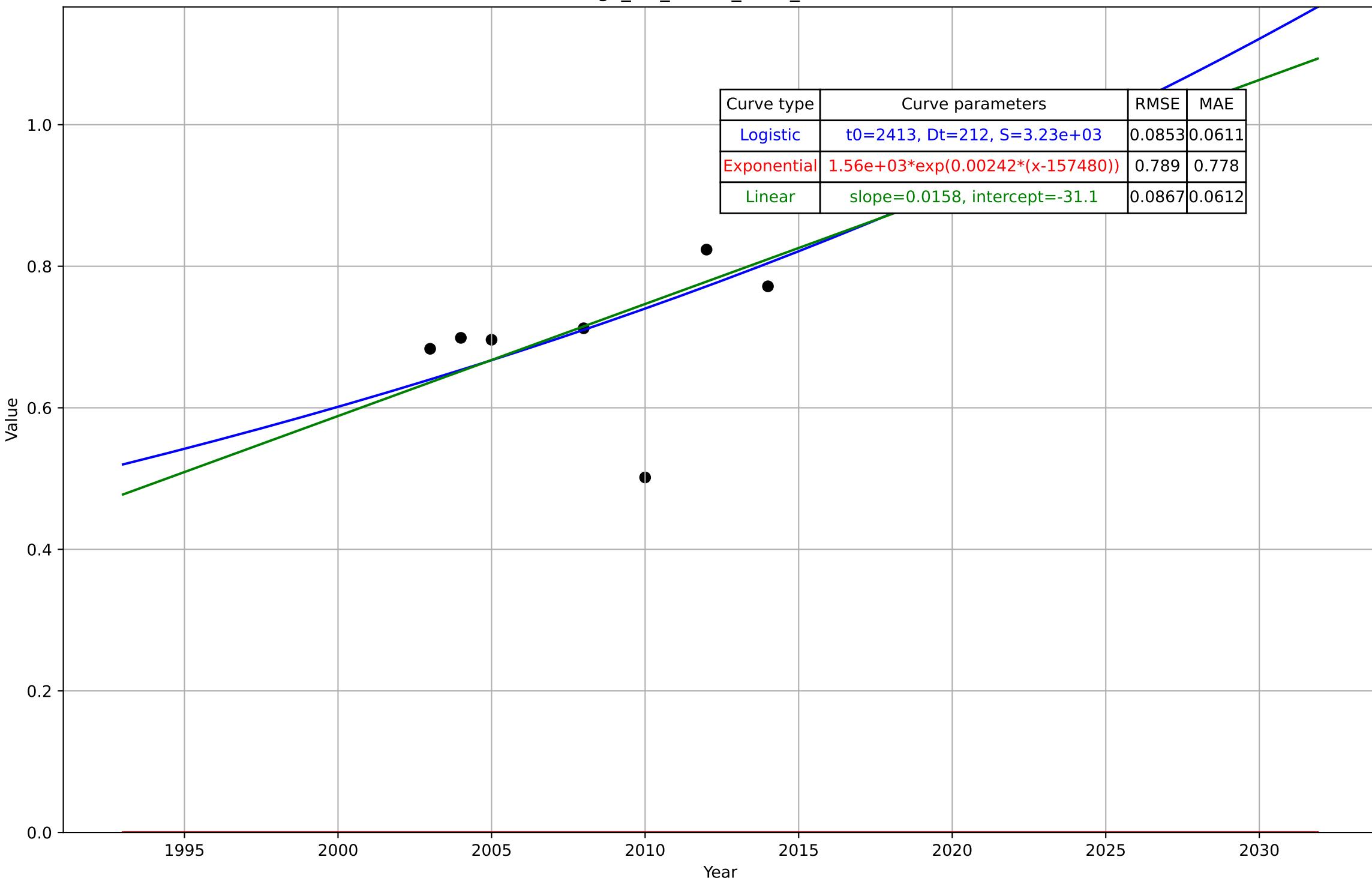
E-government
Estonia
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_est_2.4Eas_d003_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1956, Dt=-17, S=8.39e+06	1.53	1.43
Exponential	9.84*exp(-0.259*(x-2008))	1.53	1.43
Linear	slope=-1.1, intercept=2.23e+03	4.84	3.73

E-government
Estonia
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_est_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2046, Dt=121, S=3.34	0.0368	0.0324
Exponential	1.55e+03*exp(0.00293*(x-157496))	0.777	0.765
Linear	slope=0.0213, intercept=-42.1	0.0373	0.0325

E-government
Estonia
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_est_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2413, Dt=212, S=3.23e+03	0.0853	0.0611
Exponential	1.56e+03*exp(0.00242*(x-157480))	0.789	0.778
Linear	slope=0.0158, intercept=-31.1	0.0867	0.0612
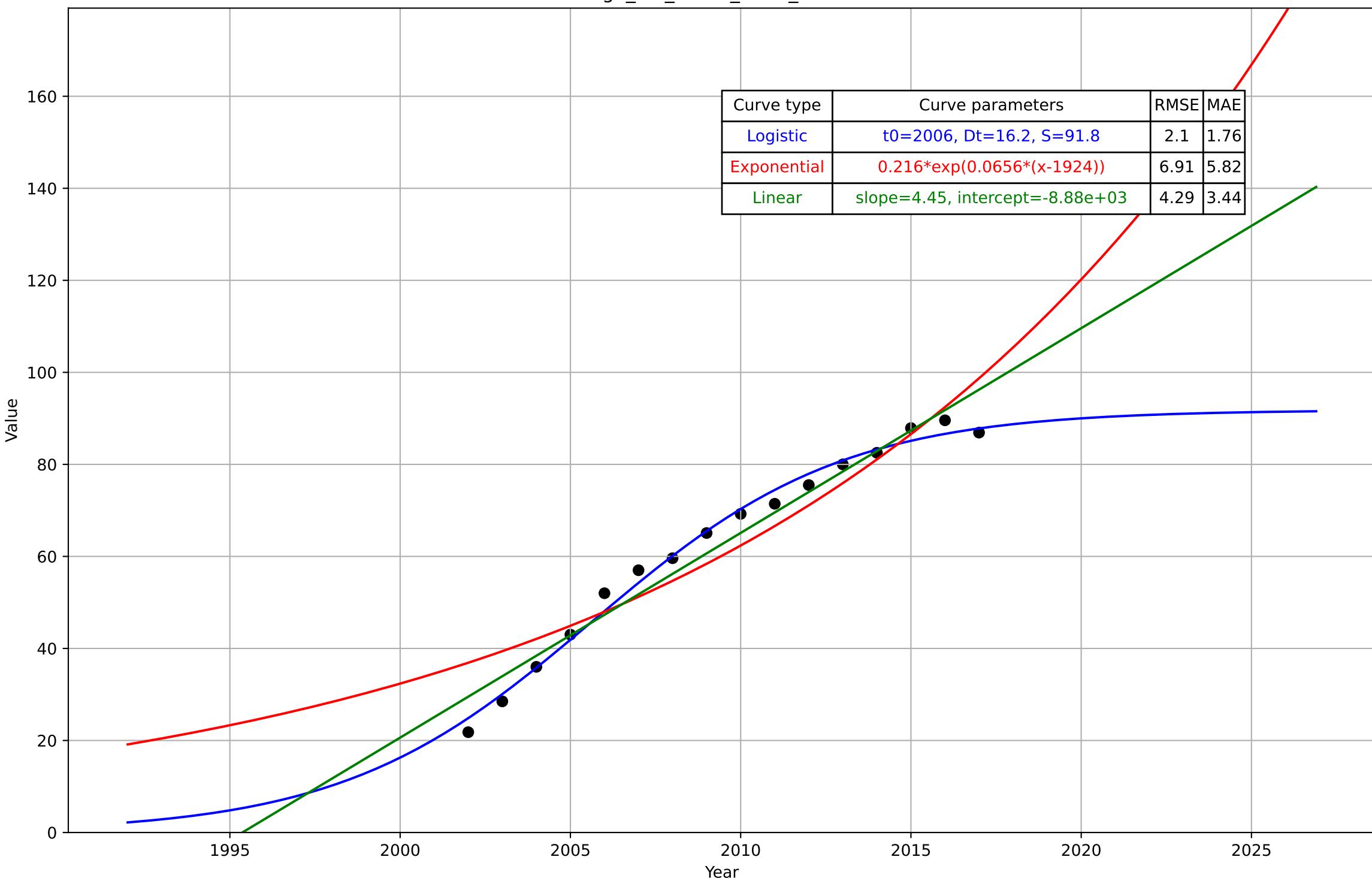
E-government
Estonia
2.9
% households with a computer
%
Inter-dependence with hardware
ego_est_2.9Int_d004_m025
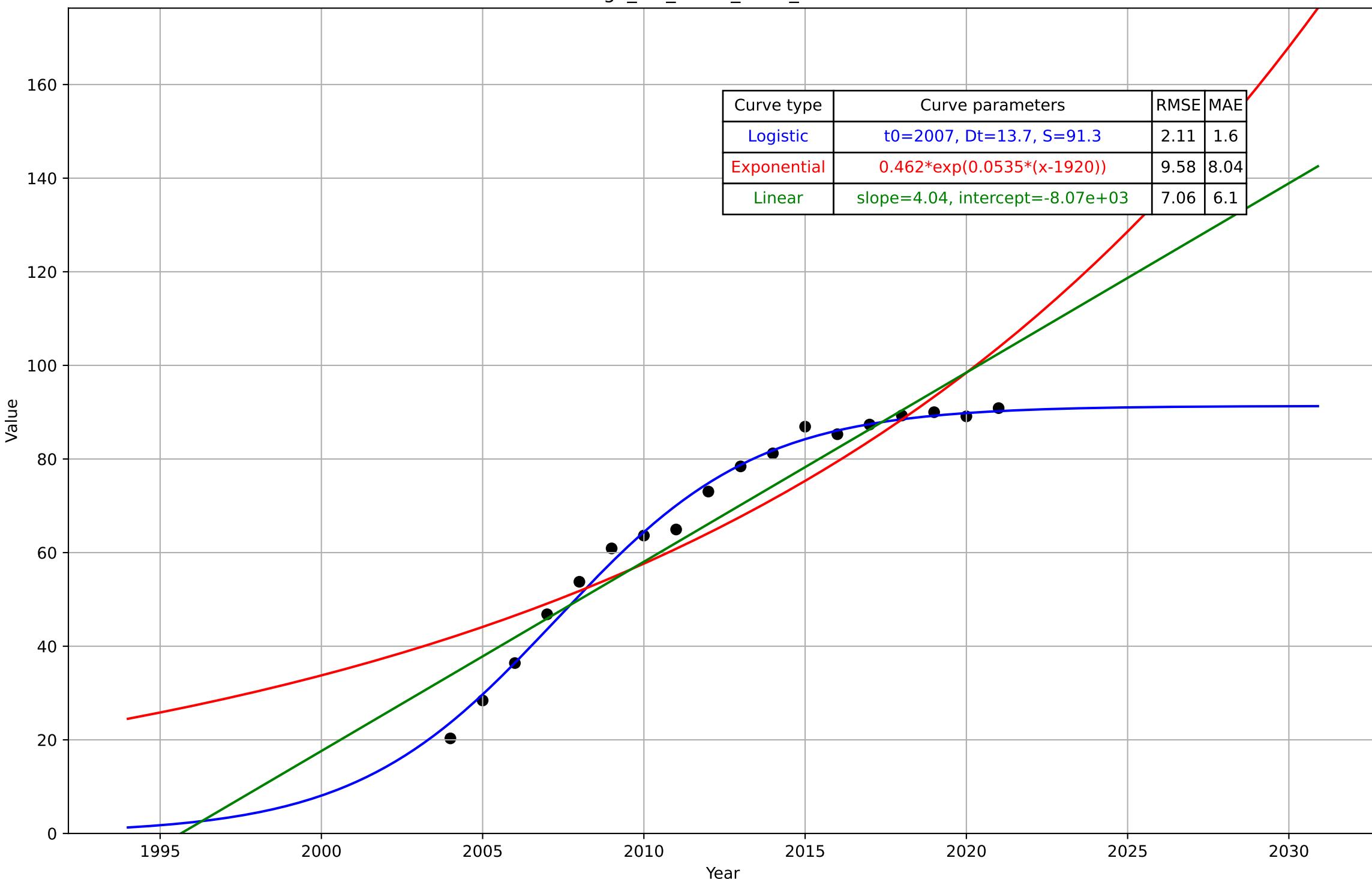
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=16.2, S=91.8	2.1	1.76
Exponential	0.216*exp(0.0656*(x-1924))	6.91	5.82
Linear	slope=4.45, intercept=-8.88e+03	4.29	3.44
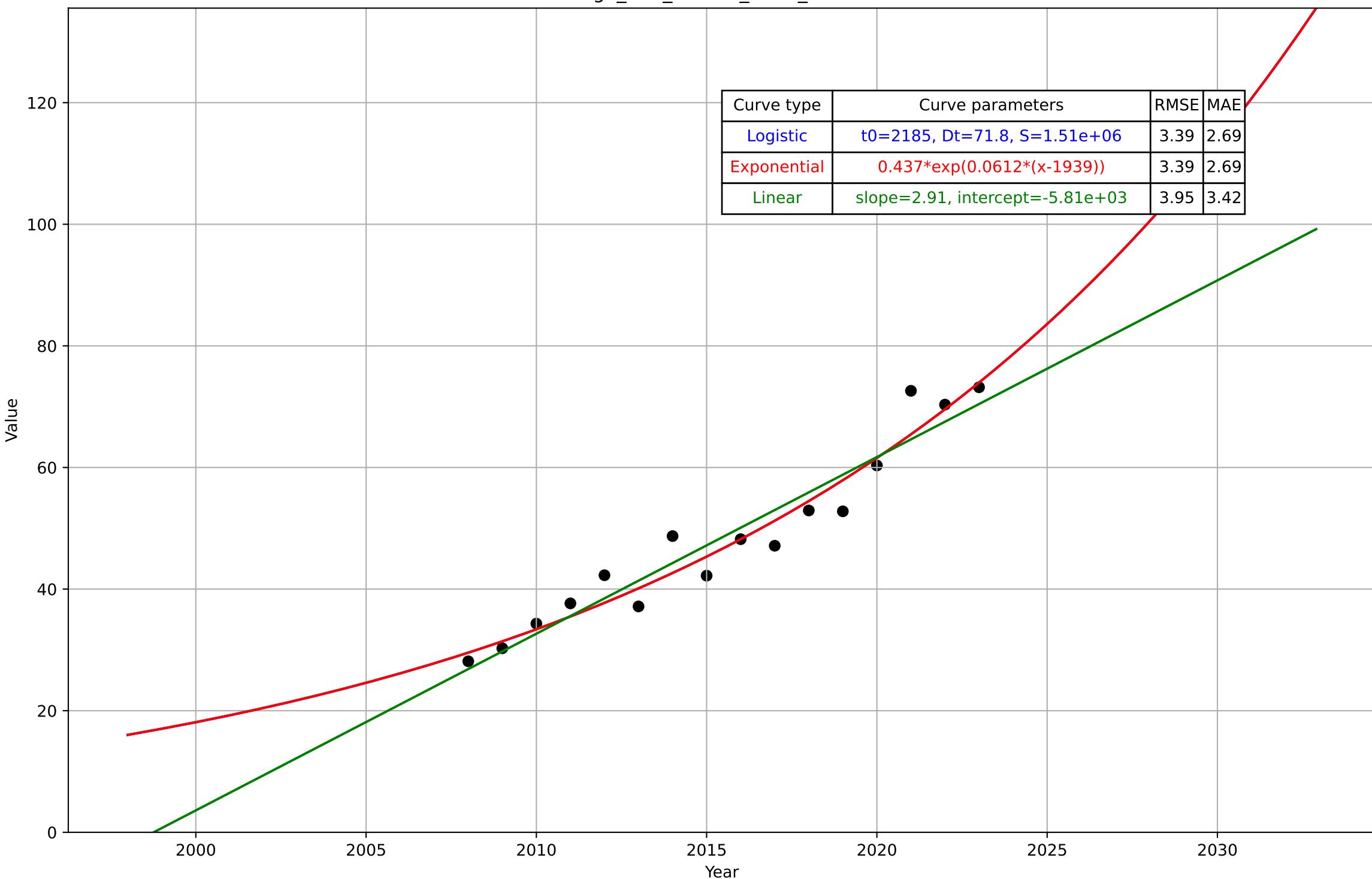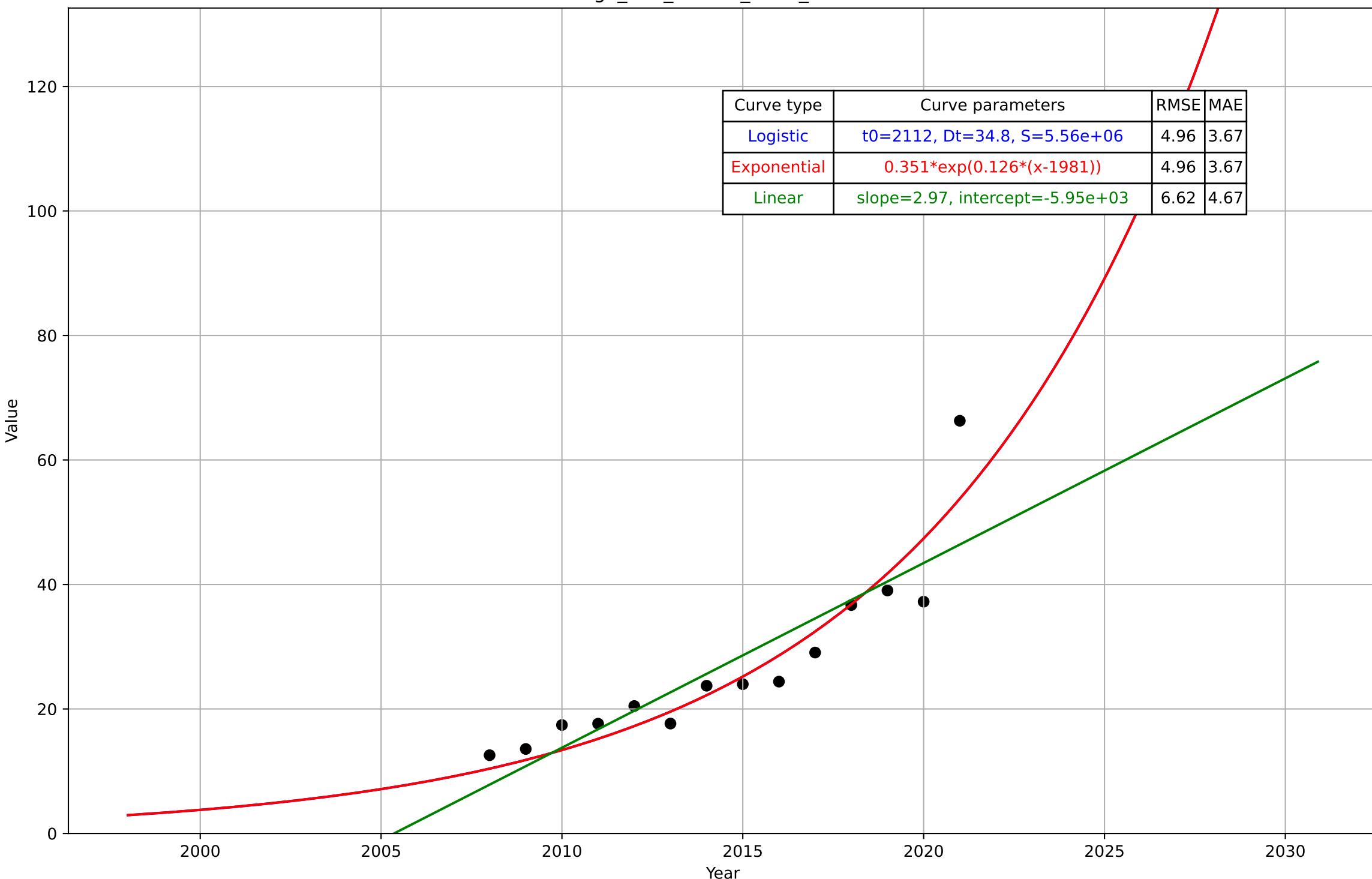
E-government
Estonia
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_est_4.5Inf_d005_m025

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=13.7, S=91.3	2.11	1.6
Exponential	0.462*exp(0.0535*(x-1920))	9.58	8.04
Linear	slope=4.04, intercept=-8.07e+03	7.06	6.1
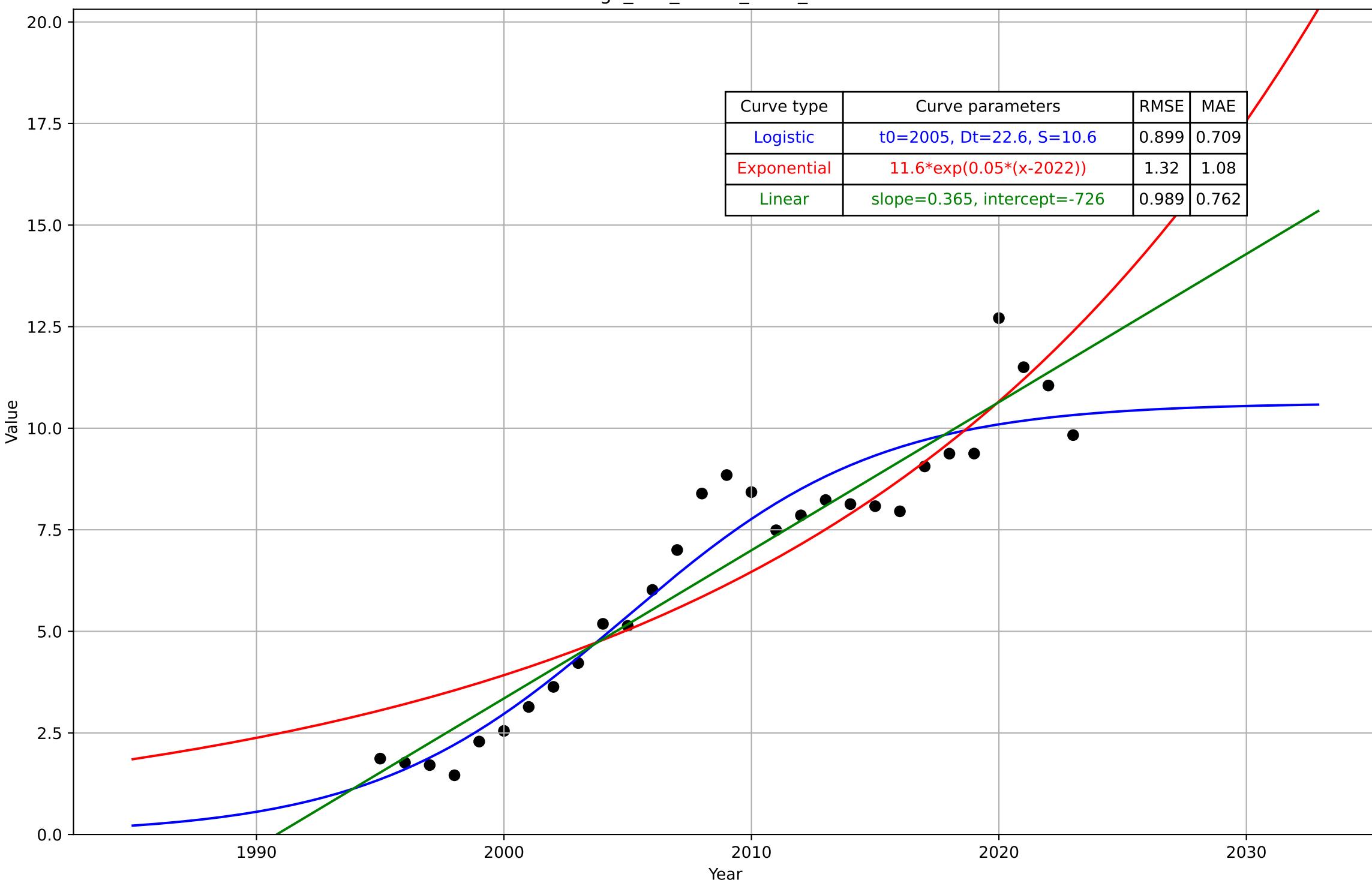
E-government
## Hungary
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_hun_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2185, Dt=71.8, S=1.51e+06	3.39	2.69
Exponential	0.437*exp(0.0612*(x-1939))	3.39	2.69
Linear	slope=2.91, intercept=-5.81e+03	3.95	3.42
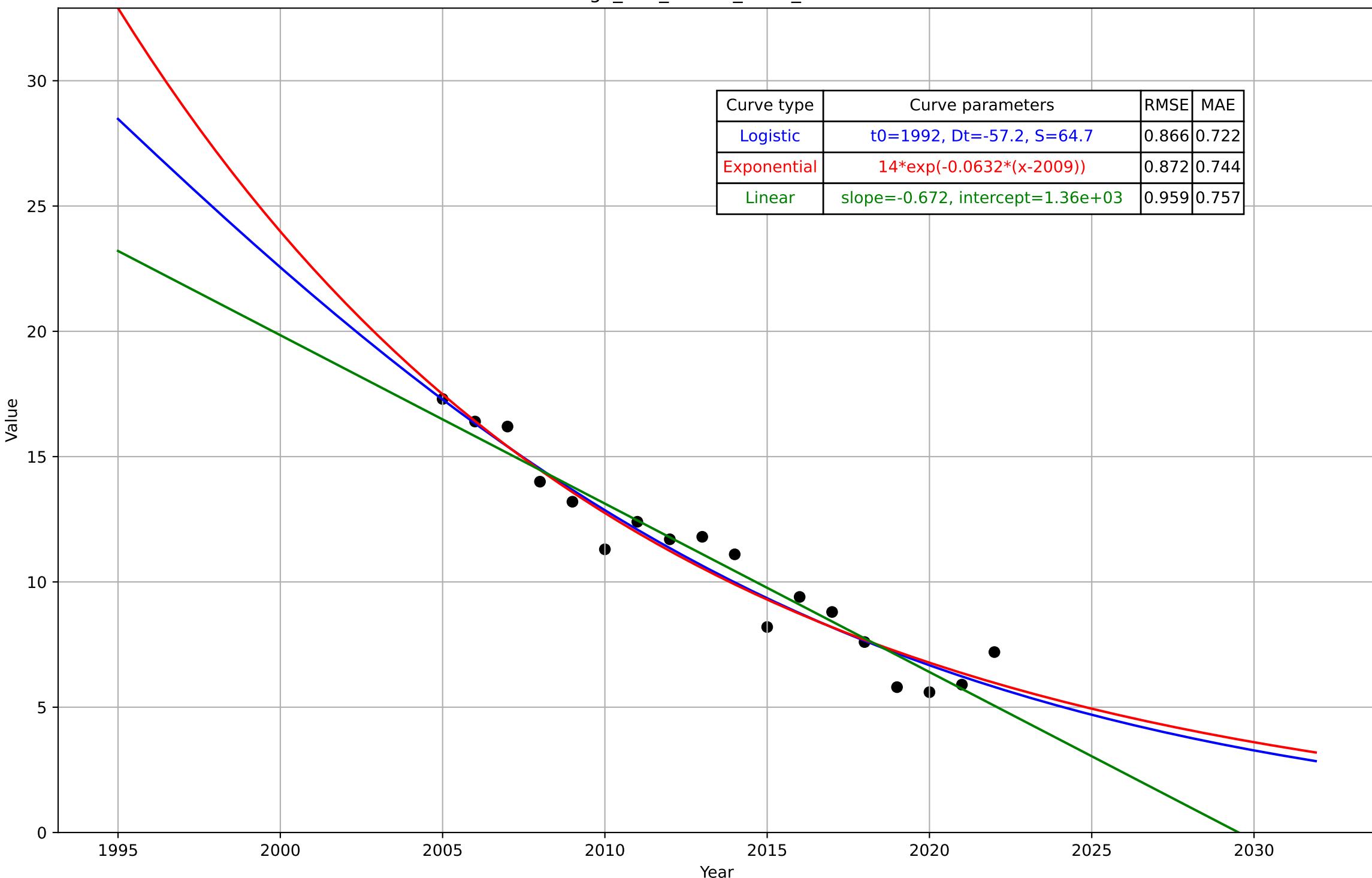
E-government
Hungary
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_hun_1.1Ado_d036_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2112, Dt=34.8, S=5.56e+06	4.96	3.67
Exponential	0.351*exp(0.126*(x-1981))	4.96	3.67
Linear	slope=2.97, intercept=-5.95e+03	6.62	4.67
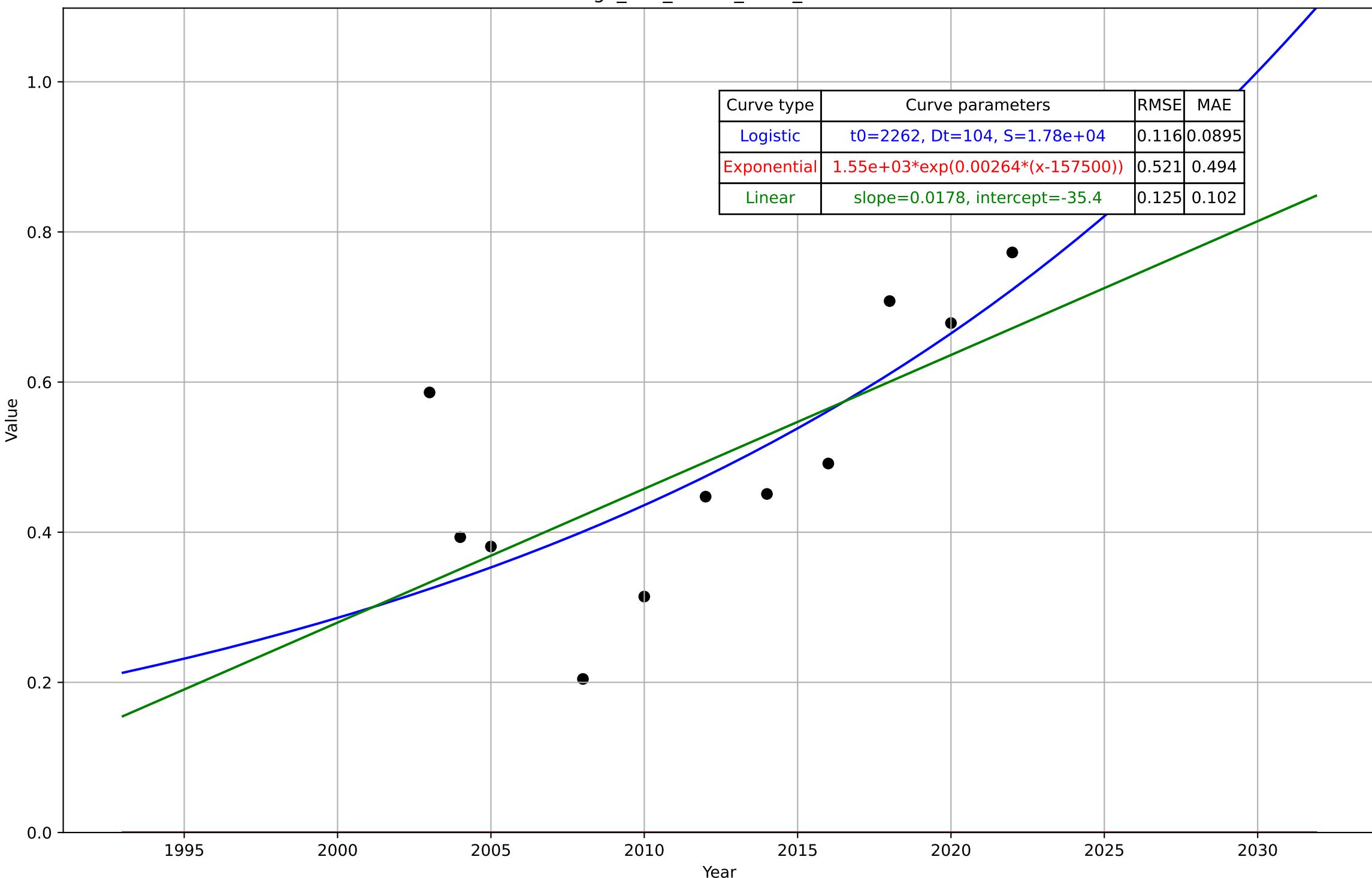
E-government
Hungary
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_hun_2.2Rel_d113_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=22.6, S=10.6	0.899	0.709
Exponential	11.6*exp(0.05*(x-2022))	1.32	1.08
Linear	slope=0.365, intercept=-726	0.989	0.762
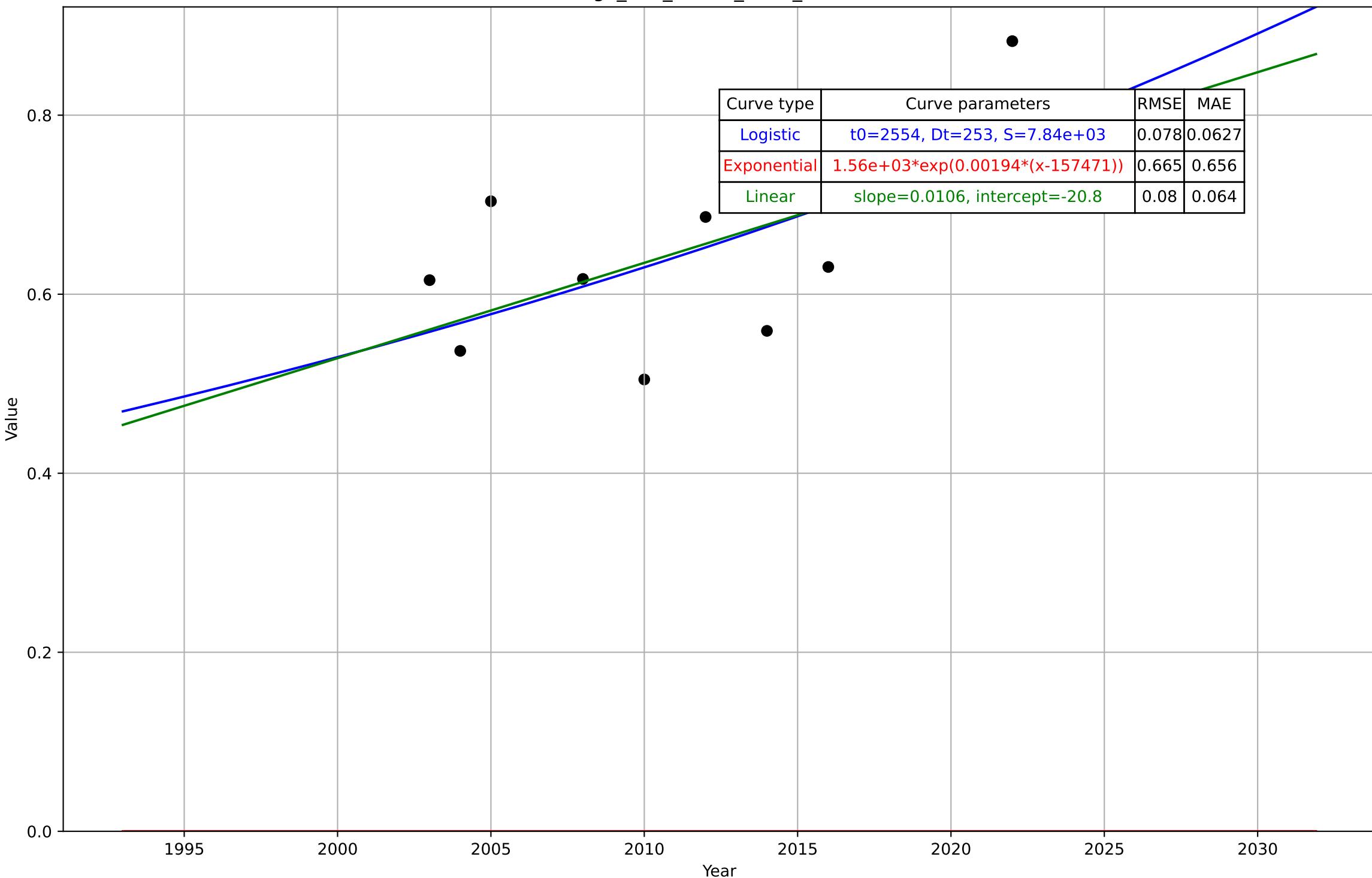
E-government
Hungary
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_hun_2.4Eas_d003_m025

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1992, Dt=-57.2, S=64.7	0.866	0.722
Exponential	14*exp(-0.0632*(x-2009))	0.872	0.744
Linear	slope=-0.672, intercept=1.36e+03	0.959	0.757

E-government
Hungary
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_hun_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2262, Dt=104, S=1.78e+04	0.116	0.0895
Exponential	1.55e+03*exp(0.00264*(x-157500))	0.521	0.494
Linear	slope=0.0178, intercept=-35.4	0.125	0.102

E-government
Hungary
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_hun_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2554, Dt=253, S=7.84e+03	0.078	0.0627
Exponential	1.56e+03*exp(0.00194*(x-157471))	0.665	0.656
Linear	slope=0.0106, intercept=-20.8	0.08	0.064
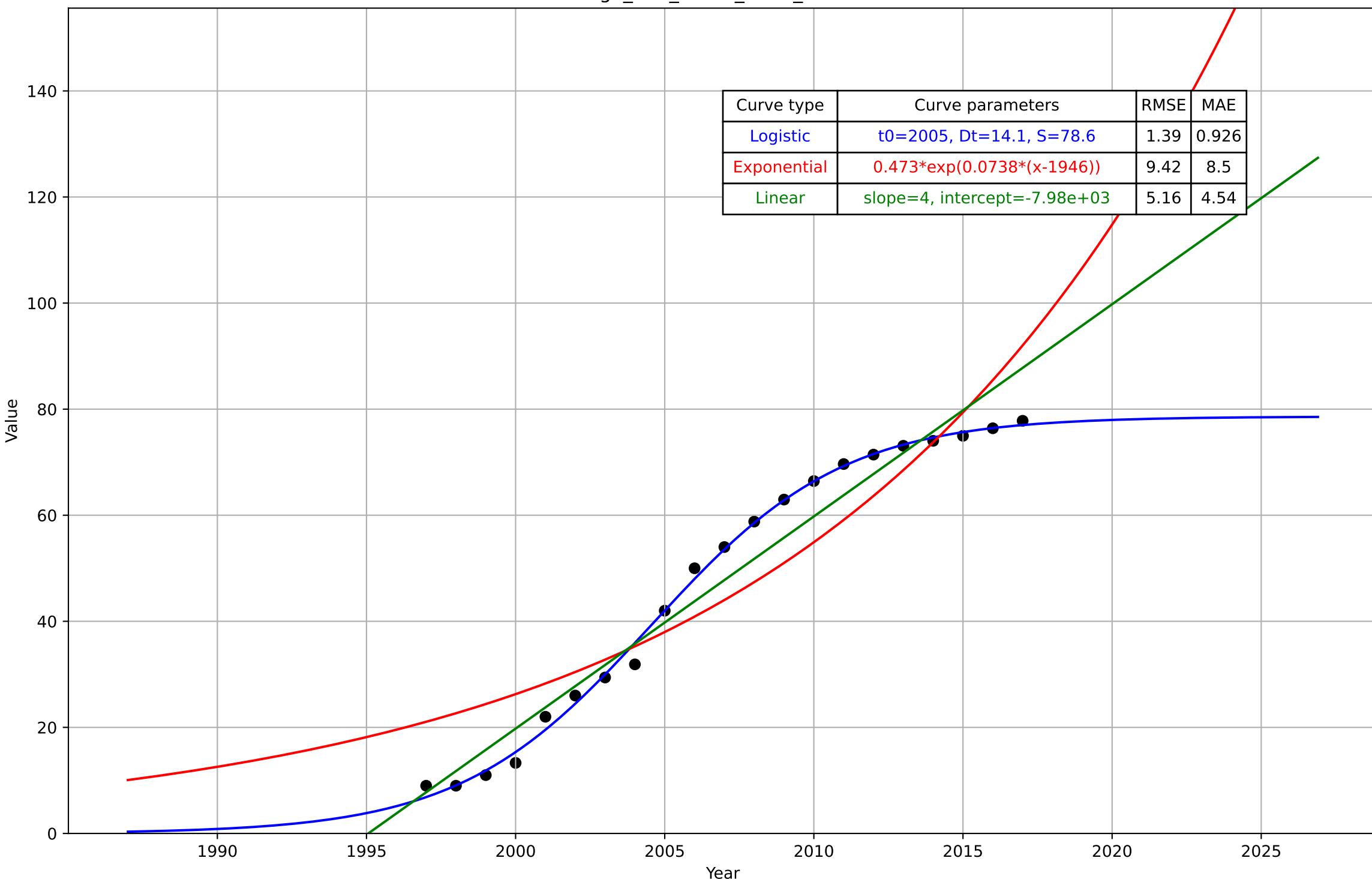
E-government
Hungary
2.9
% households with a computer
%
Inter-dependence with hardware
ego_hun_2.9Int_d004_m025
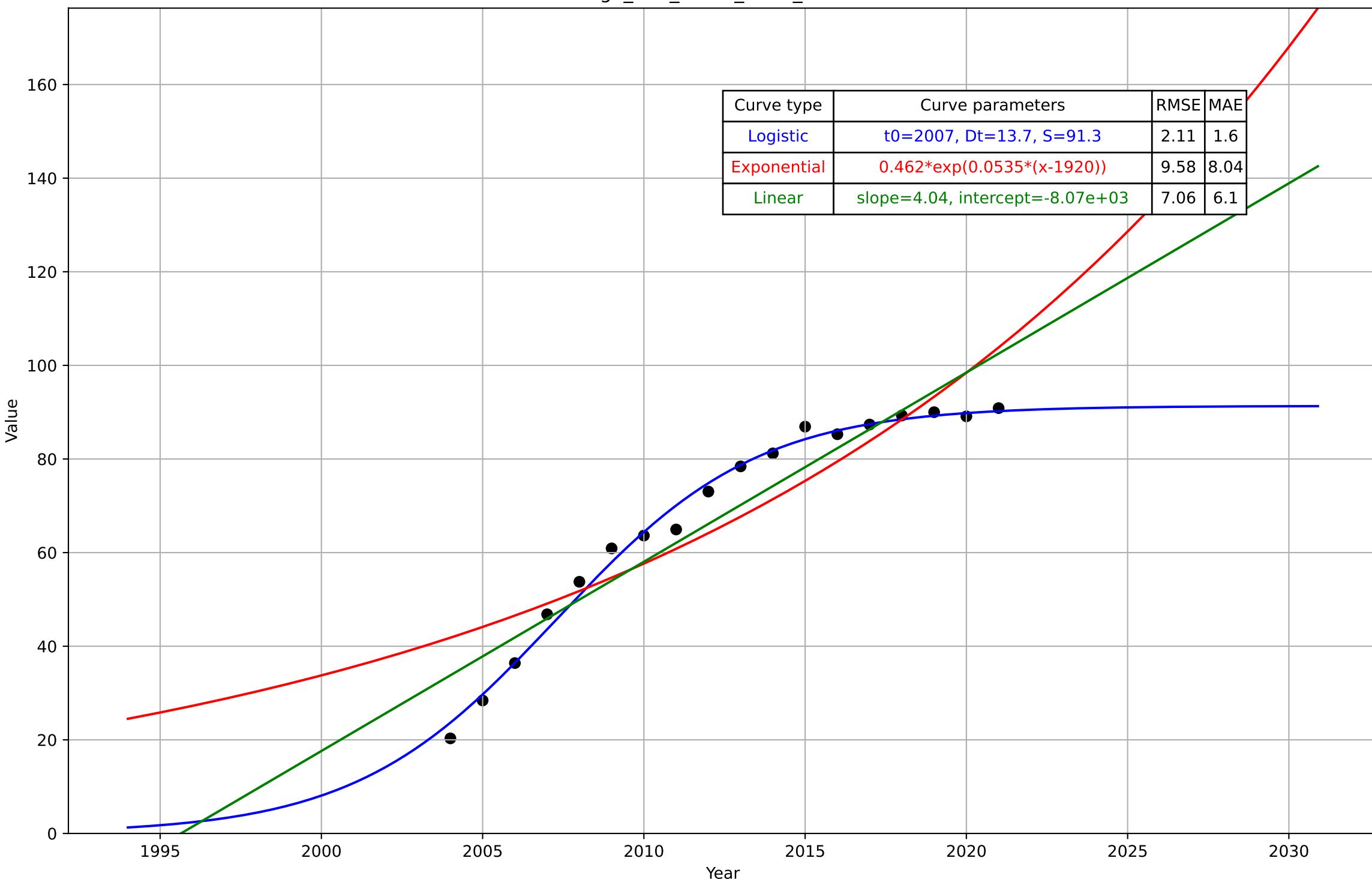
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=14.1, S=78.6	1.39	0.926
Exponential	0.473*exp(0.0738*(x-1946))	9.42	8.5
Linear	slope=4, intercept=-7.98e+03	5.16	4.54
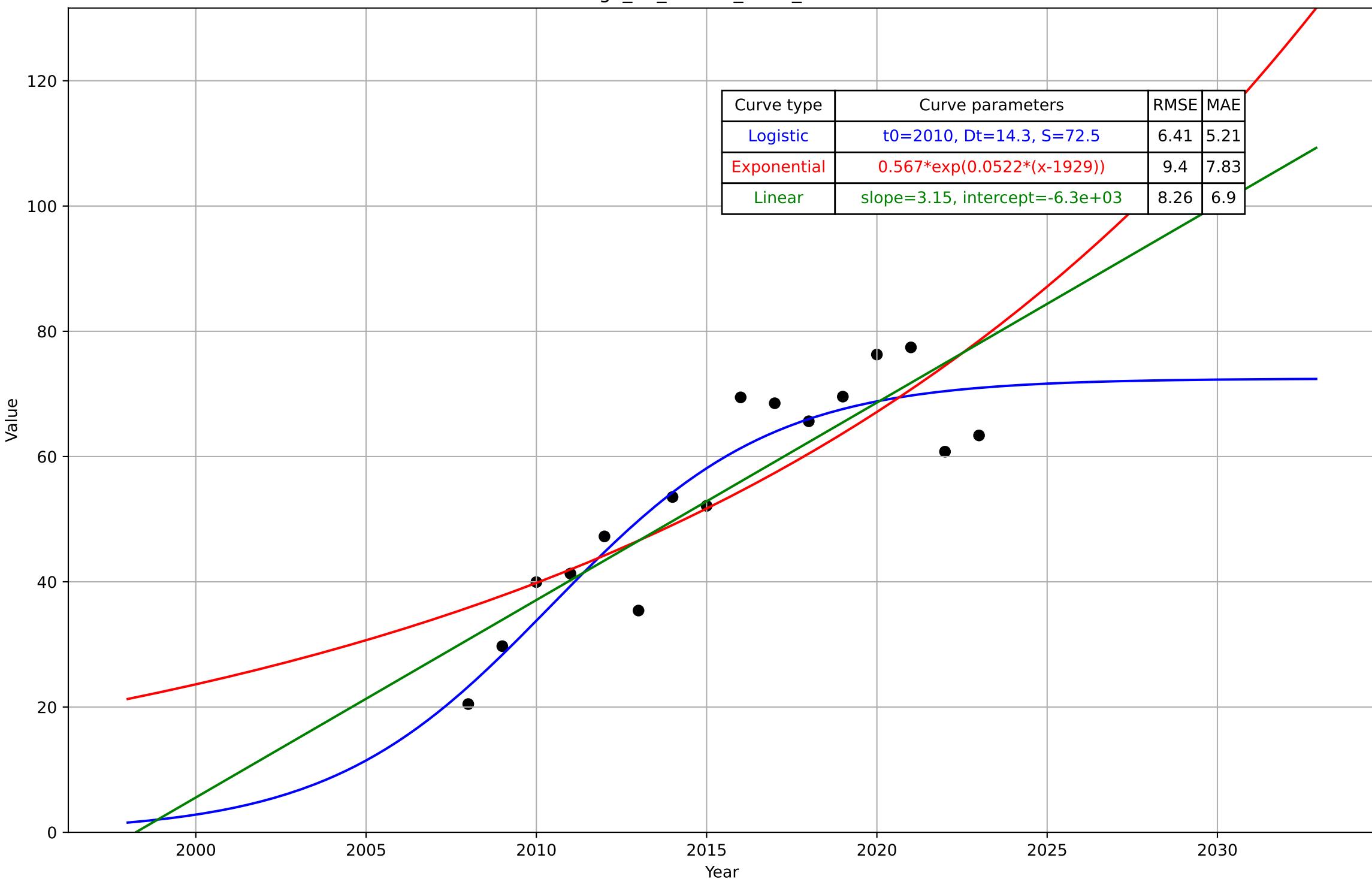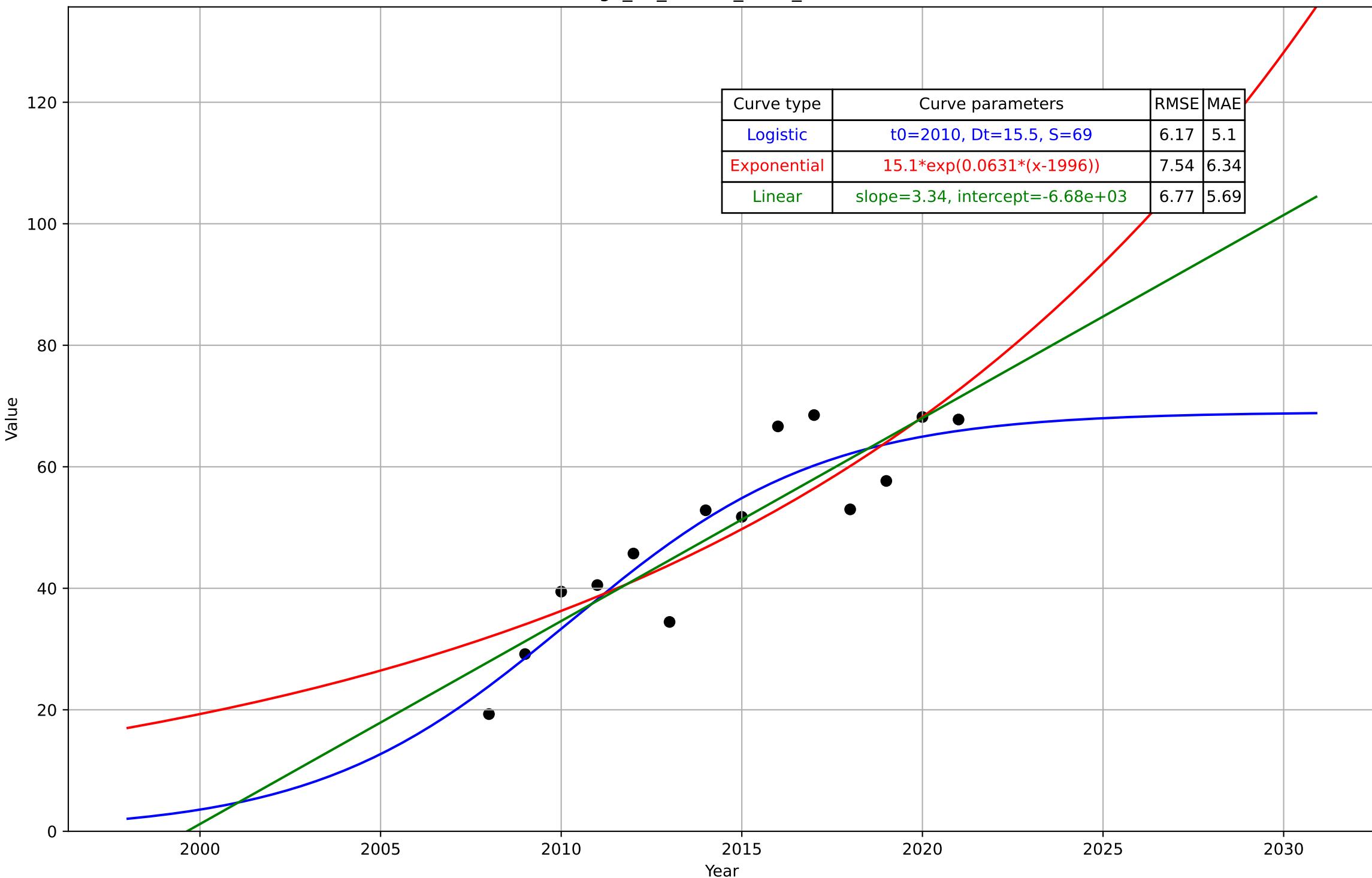
E-government
Hungary
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_hun_4.5Inf_d005_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=13.7, S=91.3	2.11	1.6
Exponential	0.462*exp(0.0535*(x-1920))	9.58	8.04
Linear	slope=4.04, intercept=-8.07e+03	7.06	6.1
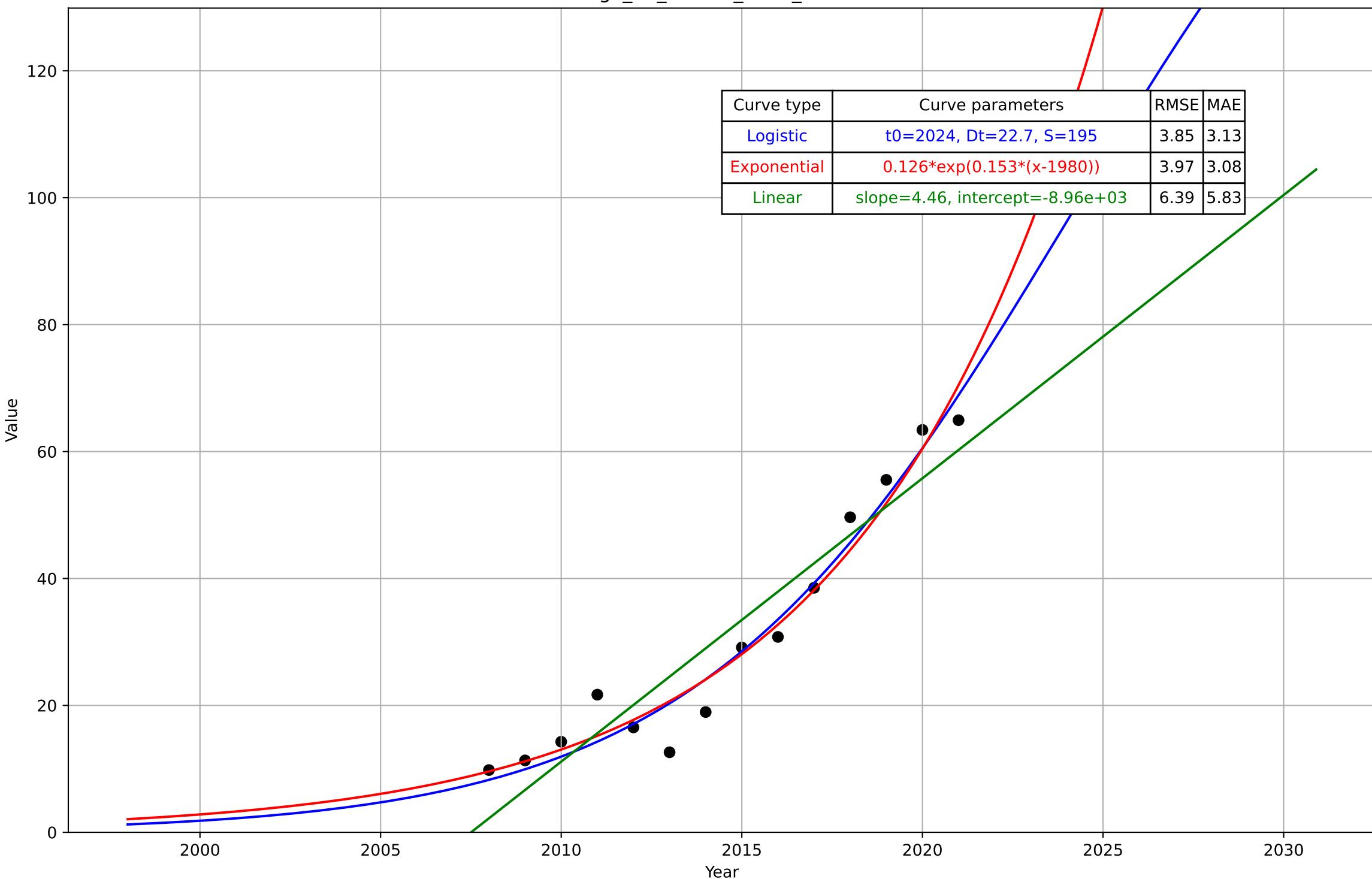
E-government
Latvia
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_lat_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=14.3, S=72.5	6.41	5.21
Exponential	0.567*exp(0.0522*(x-1929))	9.4	7.83
Linear	slope=3.15, intercept=-6.3e+03	8.26	6.9
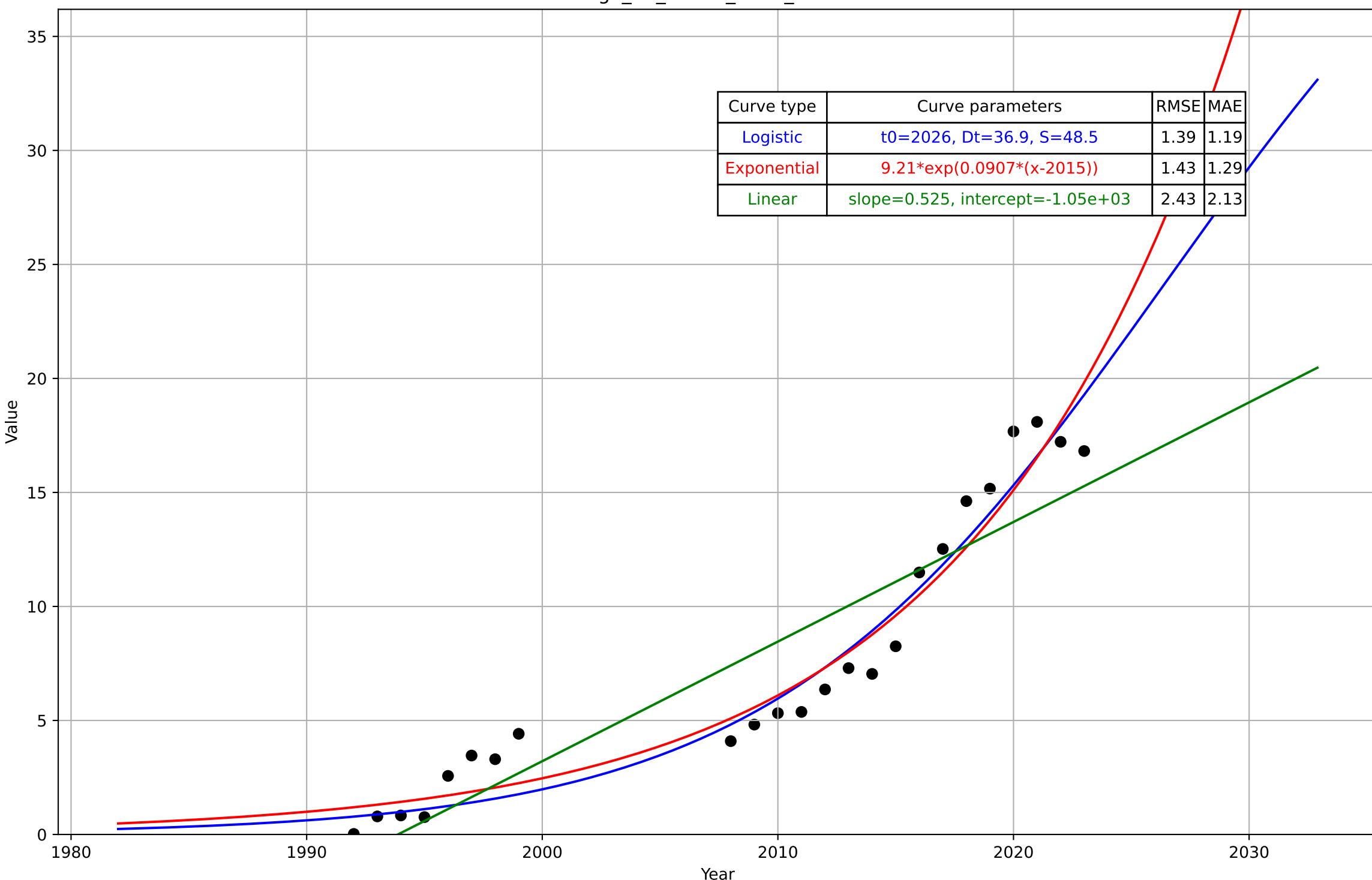
E-government
Latvia
1.1
% people who obtained information from public authorities' web sites (in the past year)
%
Adoption over time
ego_lat_1.1Ado_d035_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=15.5, S=69	6.17	5.1
Exponential	15.1*exp(0.0631*(x-1996))	7.54	6.34
Linear	slope=3.34, intercept=-6.68e+03	6.77	5.69
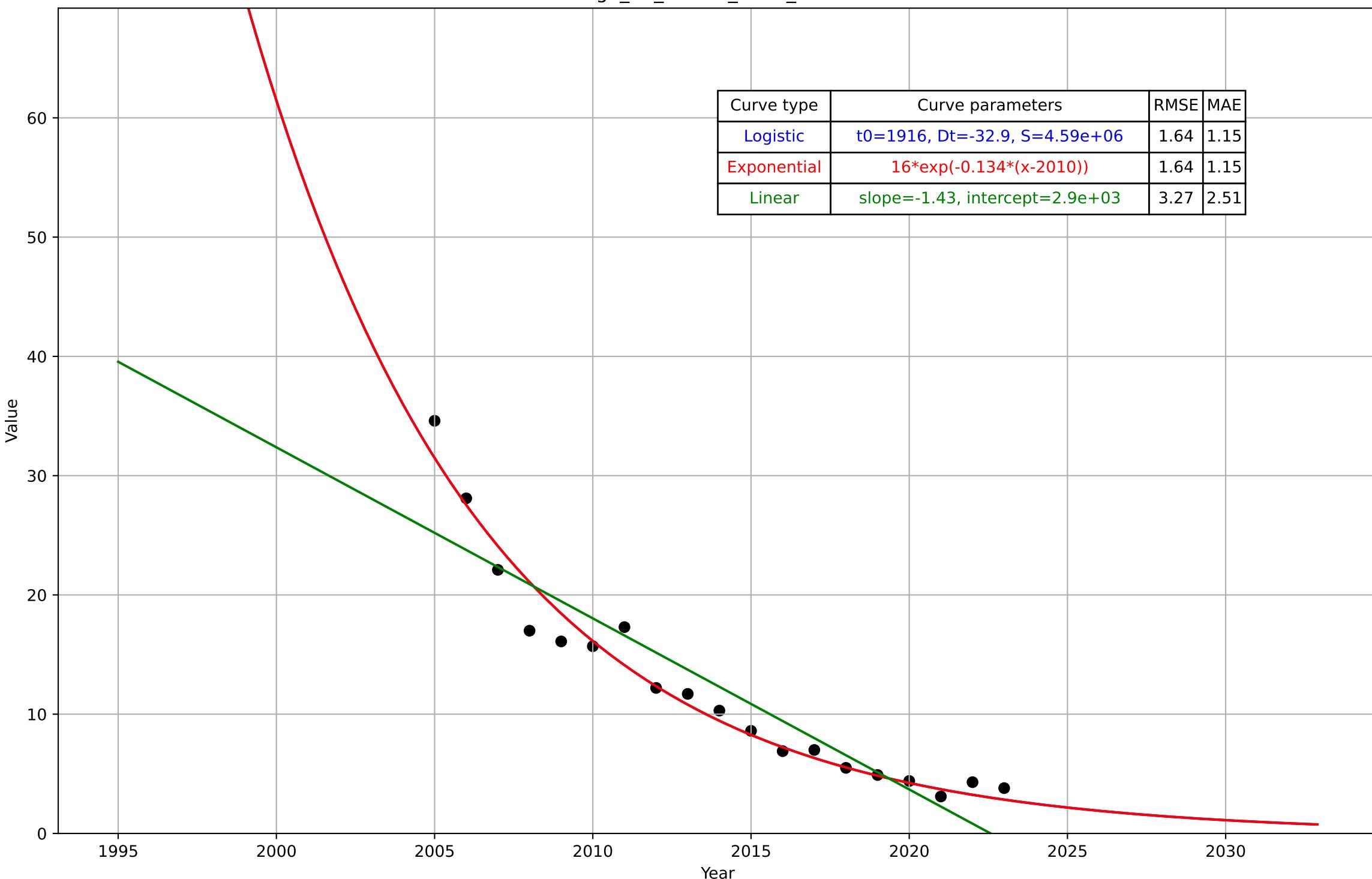
E-government
Latvia
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_lat_1.1Ado_d036_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2024, Dt=22.7, S=195	3.85	3.13
Exponential	0.126*exp(0.153*(x-1980))	3.97	3.08
Linear	slope=4.46, intercept=-8.96e+03	6.39	5.83
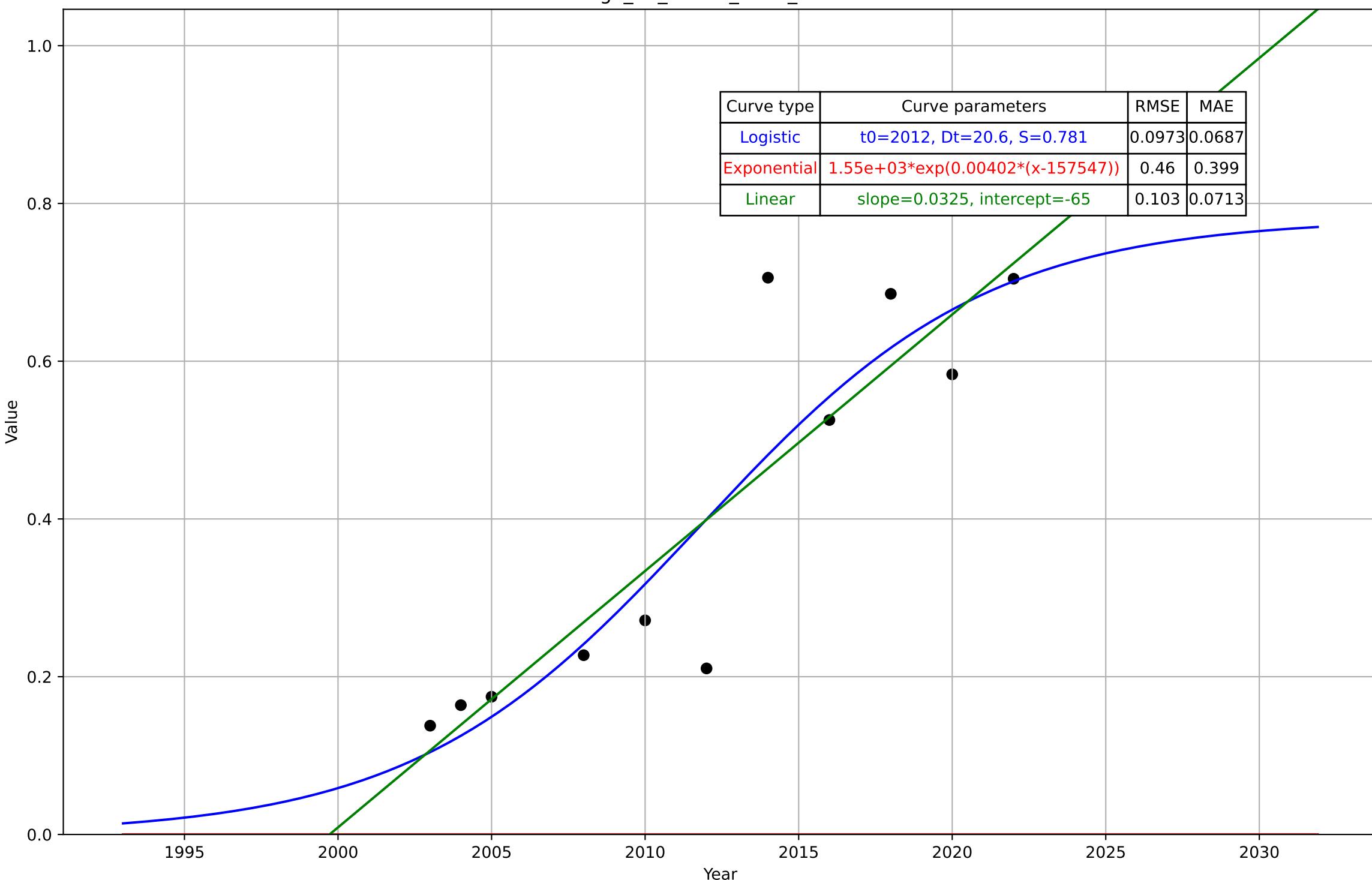
E-government
Latvia
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_lat_2.2Rel_d113_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2026, Dt=36.9, S=48.5	1.39	1.19
Exponential	9.21*exp(0.0907*(x-2015))	1.43	1.29
Linear	slope=0.525, intercept=-1.05e+03	2.43	2.13
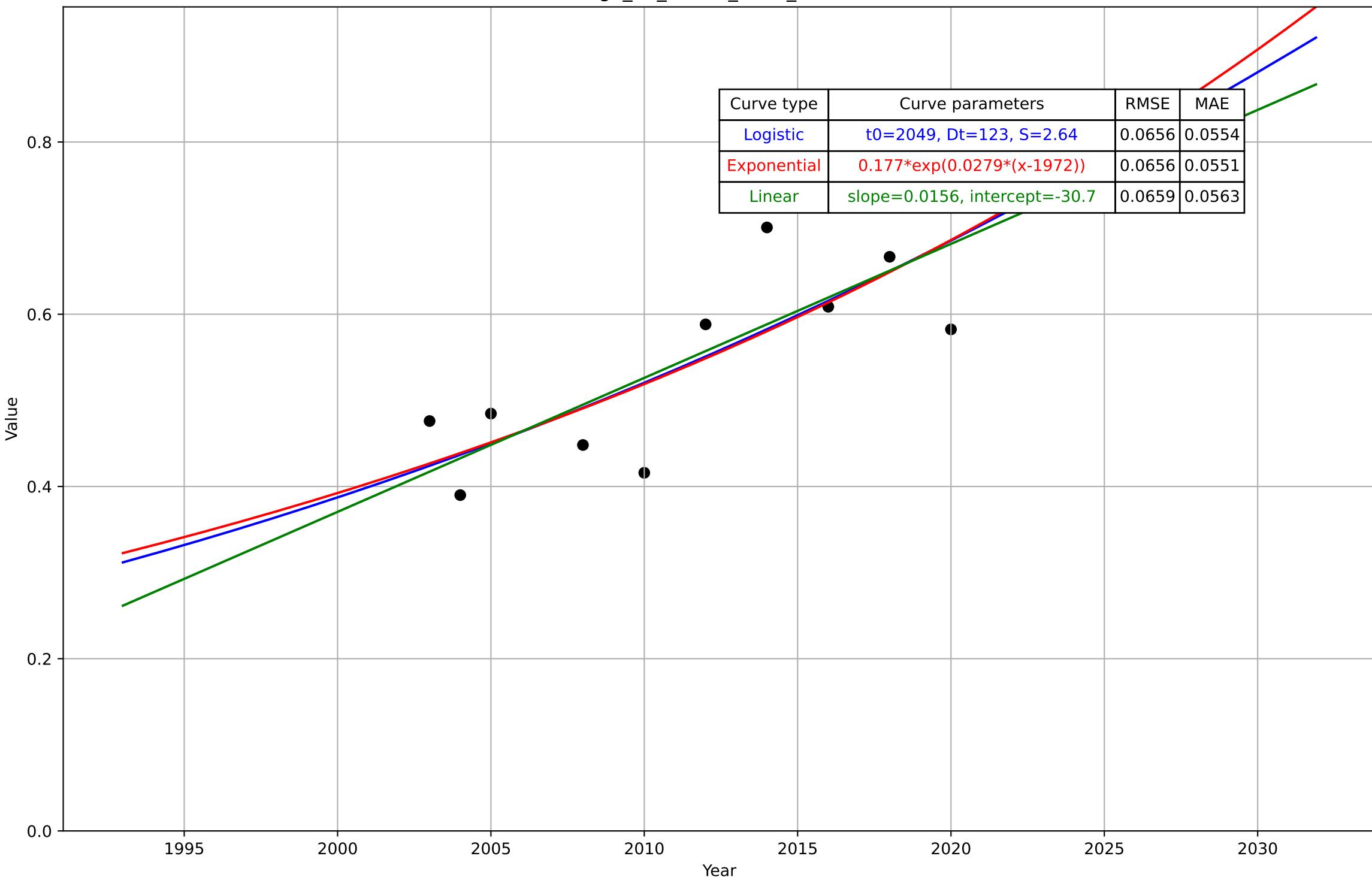
E-government
Latvia
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_lat_2.4Eas_d003_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1916, Dt=-32.9, S=4.59e+06	1.64	1.15
Exponential	16*exp(-0.134*(x-2010))	1.64	1.15
Linear	slope=-1.43, intercept=2.9e+03	3.27	2.51

E-government
Latvia
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_lat_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=20.6, S=0.781	0.0973	0.0687
Exponential	1.55e+03*exp(0.00402*(x-157547))	0.46	0.399
Linear	slope=0.0325, intercept=-65	0.103	0.0713

E-government
Latvia
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_lat_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2049, Dt=123, S=2.64	0.0656	0.0554
Exponential	0.177*exp(0.0279*(x-1972))	0.0656	0.0551
Linear	slope=0.0156, intercept=-30.7	0.0659	0.0563
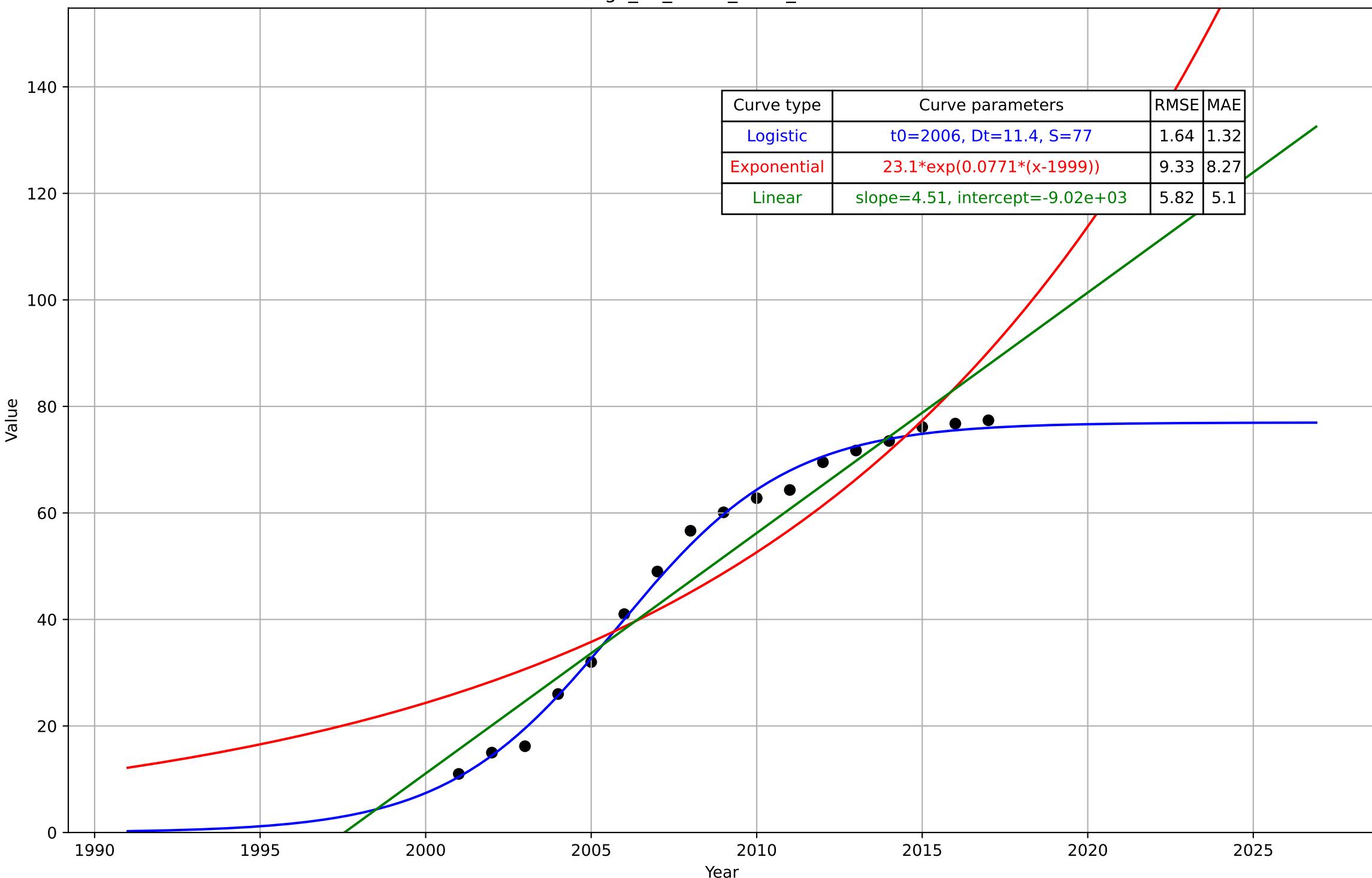
E-government
Latvia
2.9
% households with a computer
%
Inter-dependence with hardware
ego_lat_2.9Int_d004_m025
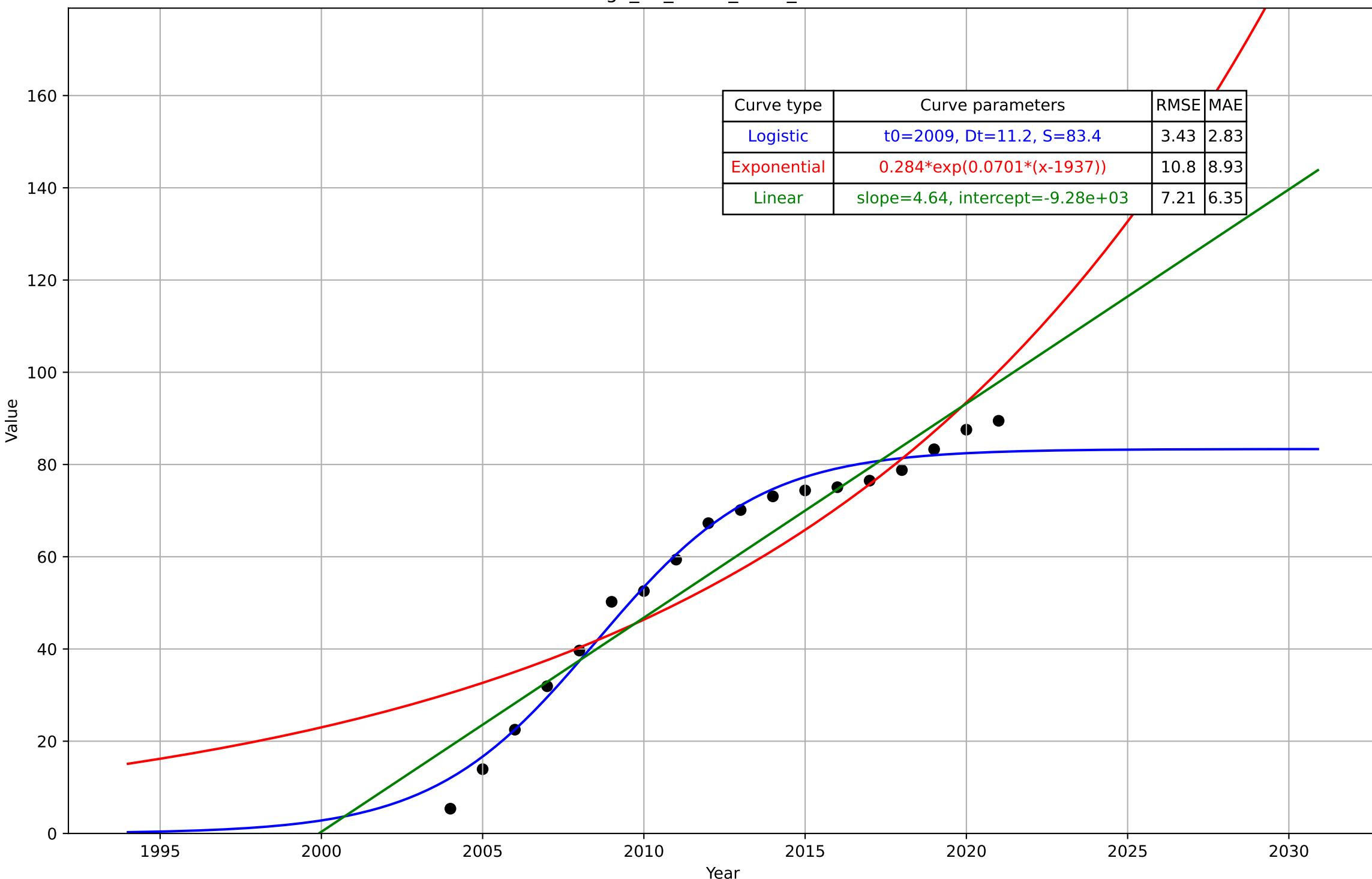
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=11.4, S=77	1.64	1.32
Exponential	23.1*exp(0.0771*(x-1999))	9.33	8.27
Linear	slope=4.51, intercept=-9.02e+03	5.82	5.1
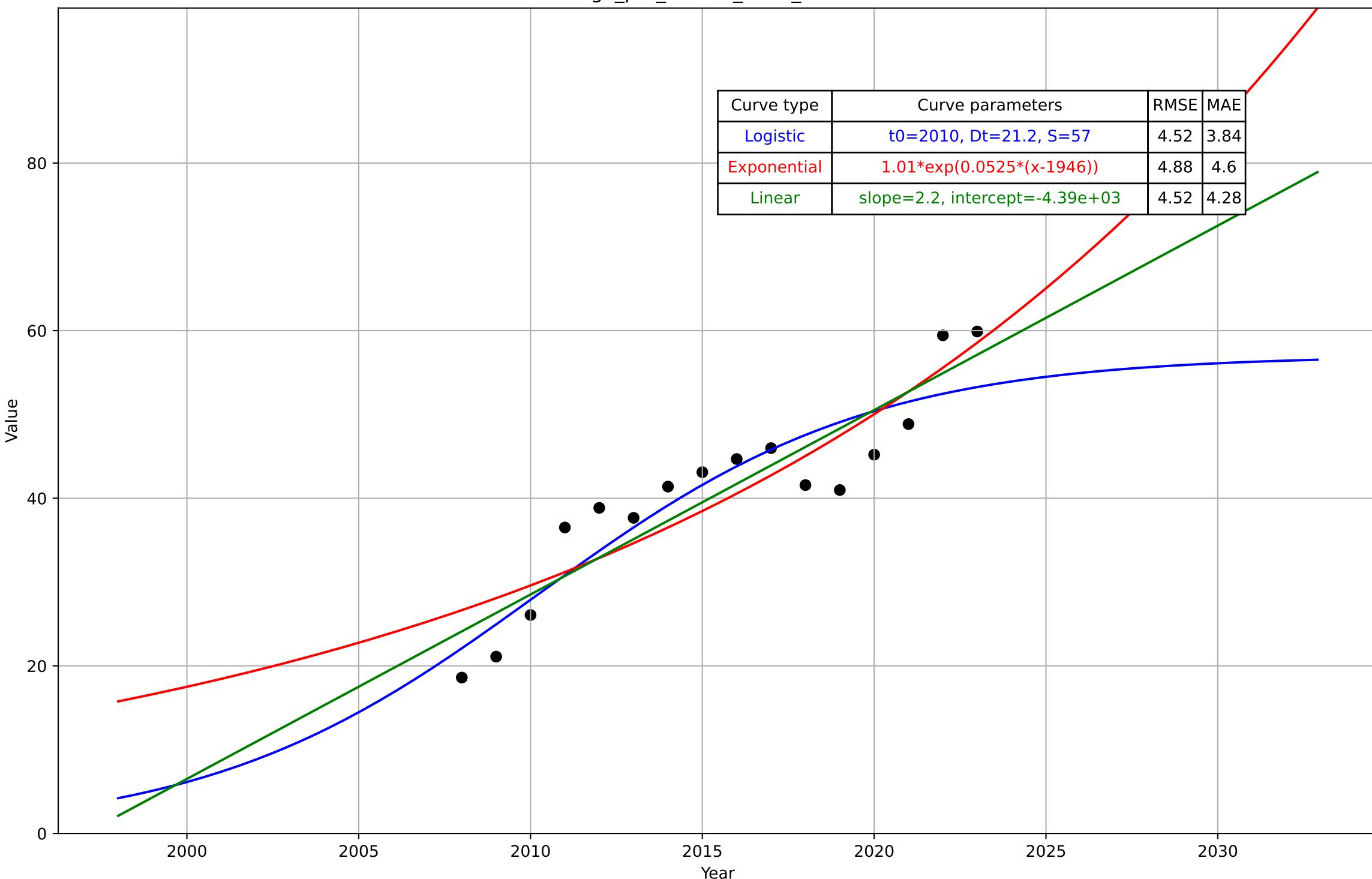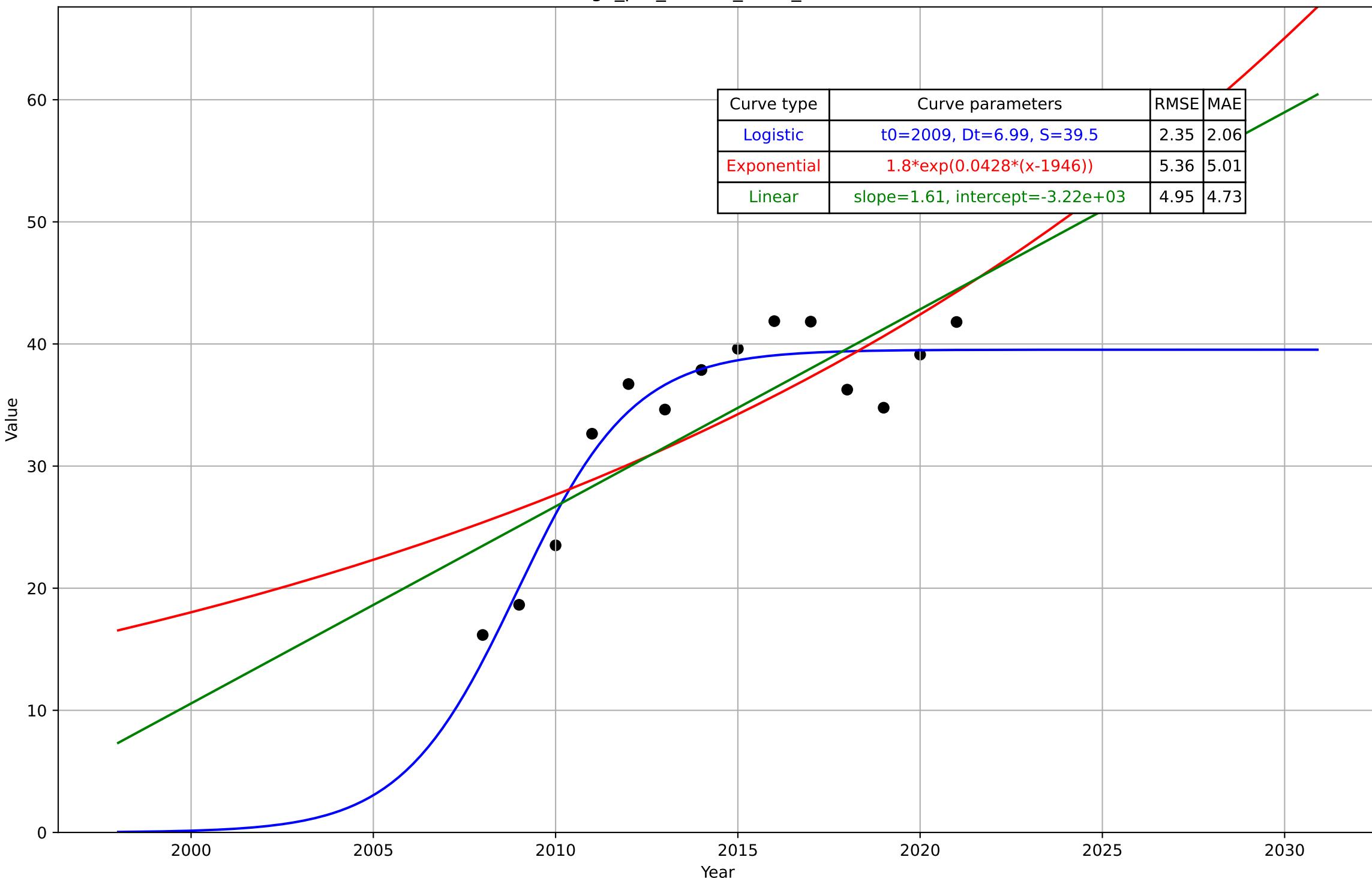
E-government
Latvia
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_lat_4.5Inf_d005_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=11.2, S=83.4	3.43	2.83
Exponential	0.284*exp(0.0701*(x-1937))	10.8	8.93
Linear	slope=4.64, intercept=-9.28e+03	7.21	6.35
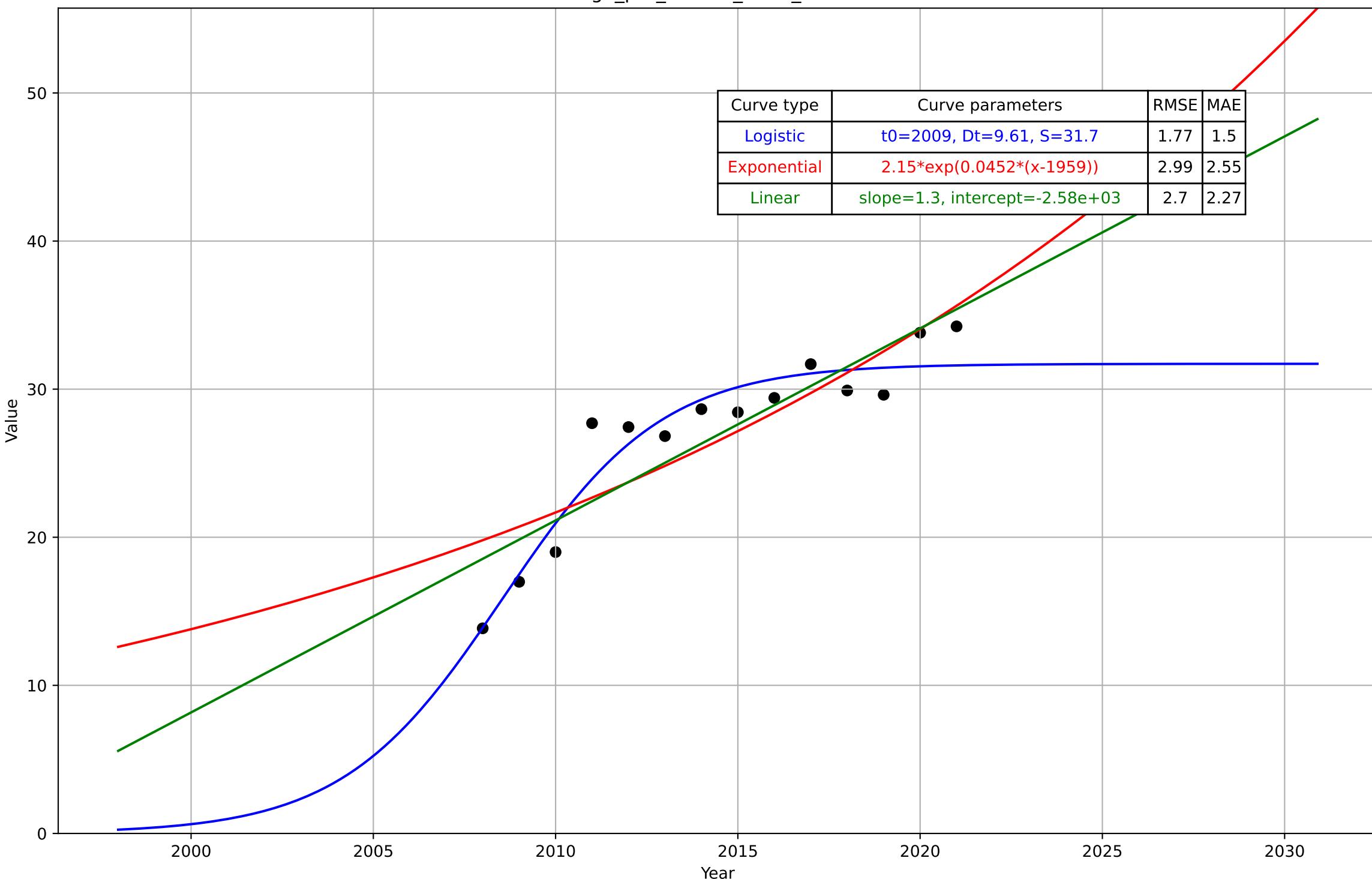
E-government
Portugal
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_por_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=21.2, S=57	4.52	3.84
Exponential	1.01*exp(0.0525*(x-1946))	4.88	4.6
Linear	slope=2.2, intercept=-4.39e+03	4.52	4.28
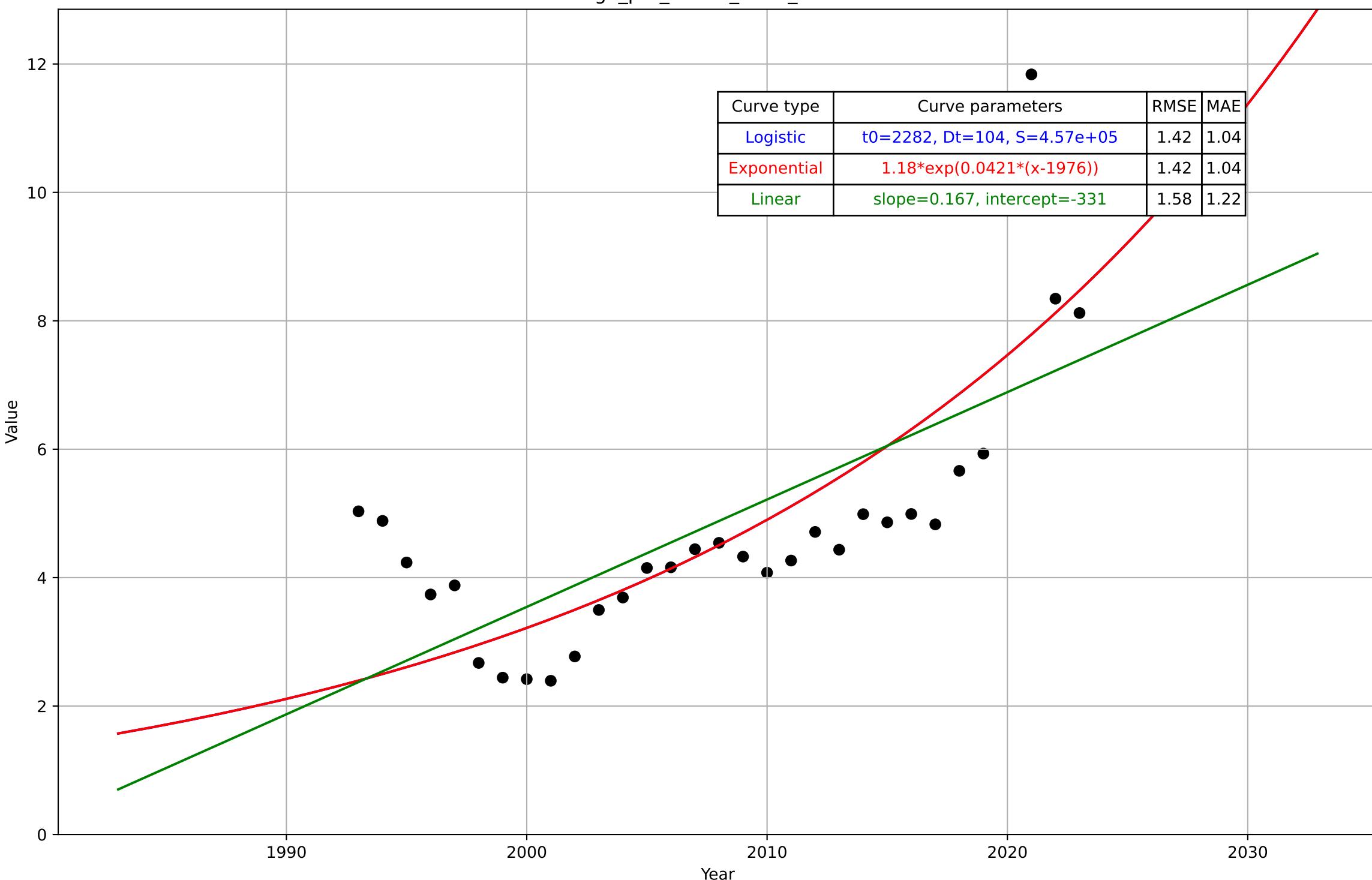
E-government
Portugal
1.1
% people who obtained information from public authorities' web sites (in the past year)
%
Adoption over time
ego_por_1.1Ado_d035_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=6.99, S=39.5	2.35	2.06
Exponential	1.8*exp(0.0428*(x-1946))	5.36	5.01
Linear	slope=1.61, intercept=-3.22e+03	4.95	4.73
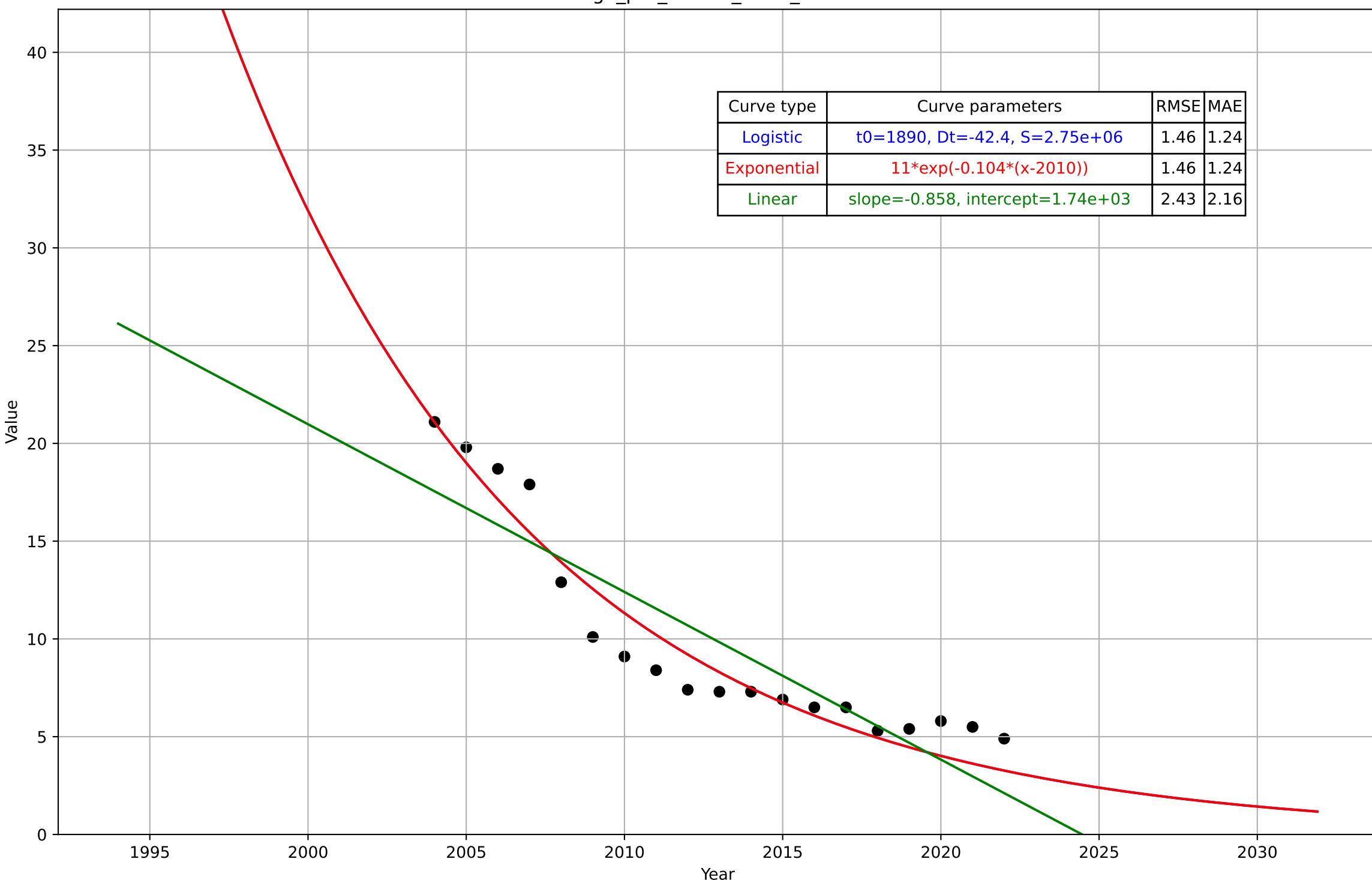
E-government
Portugal
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_por_1.1Ado_d036_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=9.61, S=31.7	1.77	1.5
Exponential	2.15*exp(0.0452*(x-1959))	2.99	2.55
Linear	slope=1.3, intercept=-2.58e+03	2.7	2.27

E-government
Portugal
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_por_2.2Rel_d113_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2282, Dt=104, S=4.57e+05	1.42	1.04
Exponential	1.18*exp(0.0421*(x-1976))	1.42	1.04
Linear	slope=0.167, intercept=-331	1.58	1.22
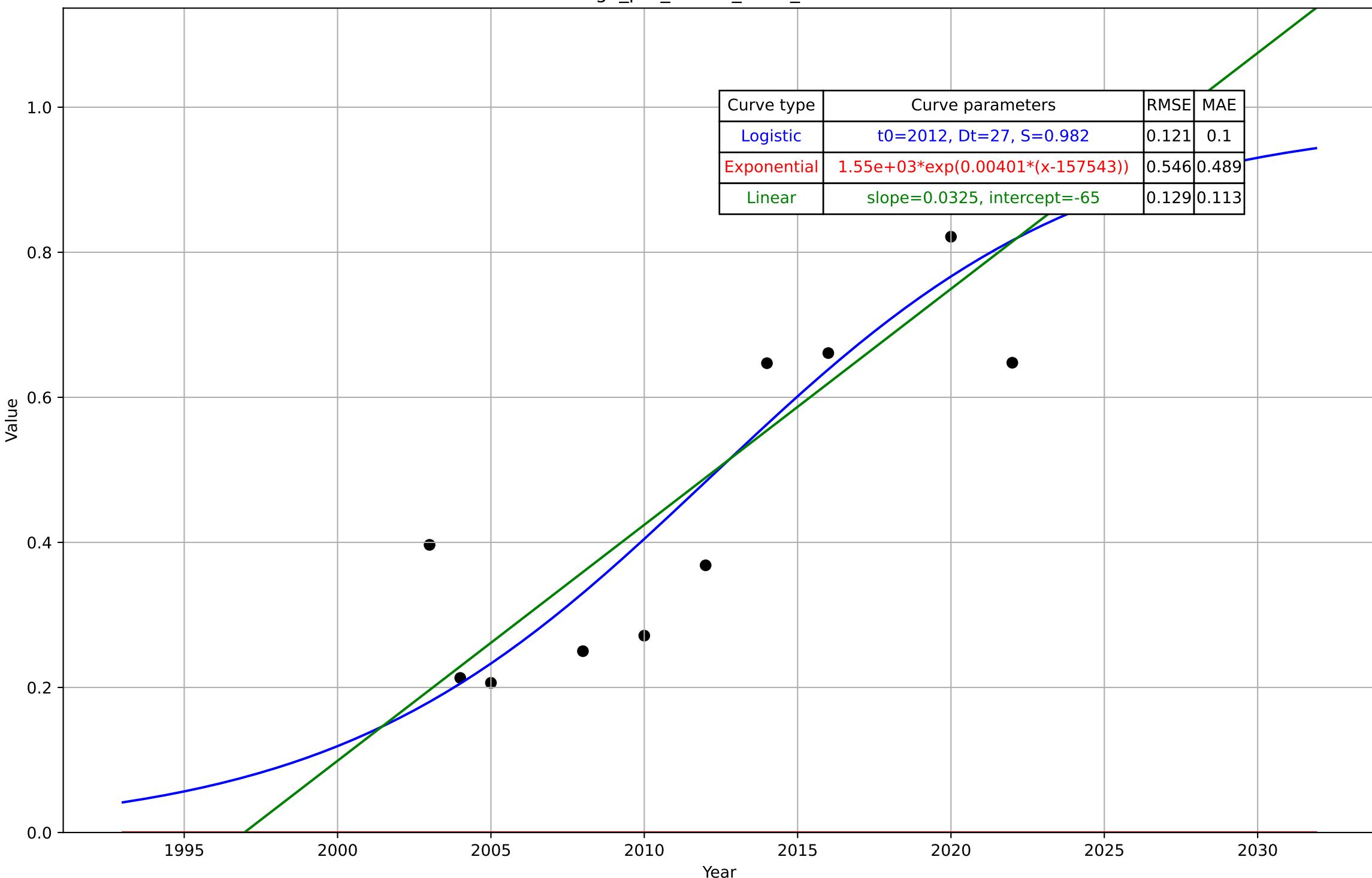
E-government
Portugal
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_por_2.4Eas_d003_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1890, Dt=-42.4, S=2.75e+06	1.46	1.24
Exponential	11*exp(-0.104*(x-2010))	1.46	1.24
Linear	slope=-0.858, intercept=1.74e+03	2.43	2.16
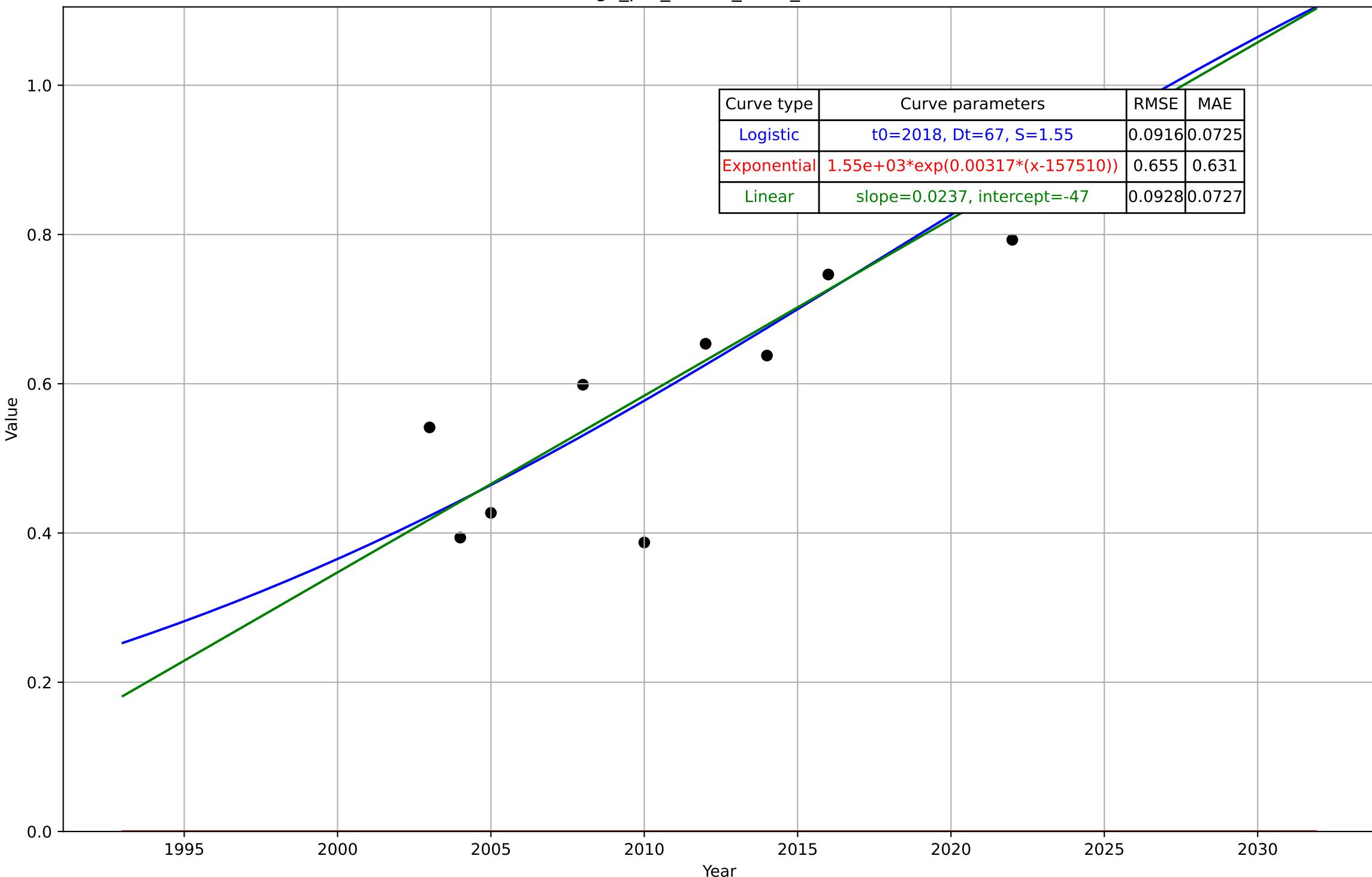
E-government
Portugal
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_por_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=27, S=0.982	0.121	0.1
Exponential	1.55e+03*exp(0.00401*(x-157543))	0.546	0.489
Linear	slope=0.0325, intercept=-65	0.129	0.113

E-government
Portugal
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_por_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=67, S=1.55	0.0916	0.0725
Exponential	1.55e+03*exp(0.00317*(x-157510))	0.655	0.631
Linear	slope=0.0237, intercept=-47	0.0928	0.0727
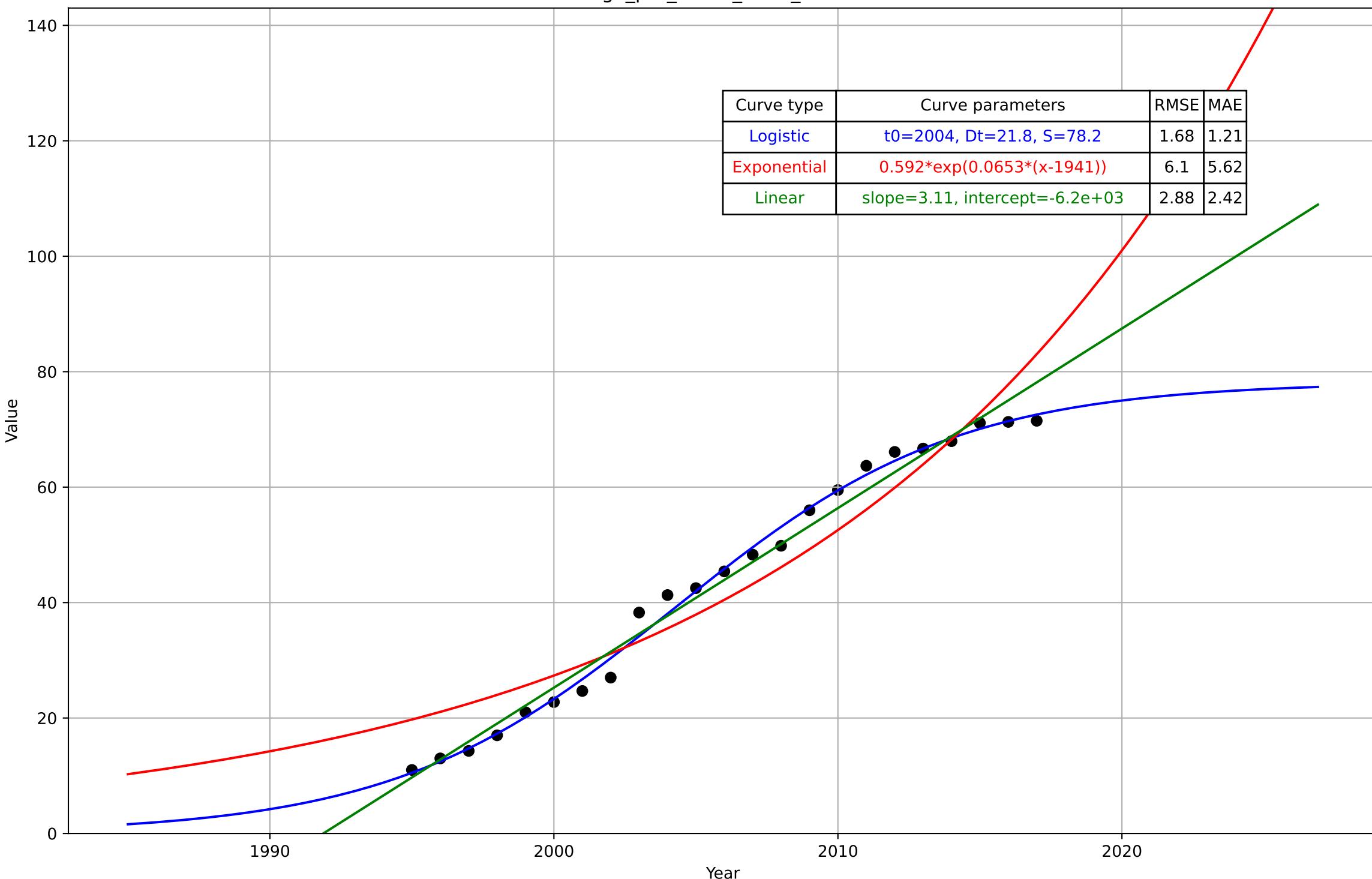
E-government
Portugal
2.9
% households with a computer
%
Inter-dependence with hardware
ego_por_2.9Int_d004_m025
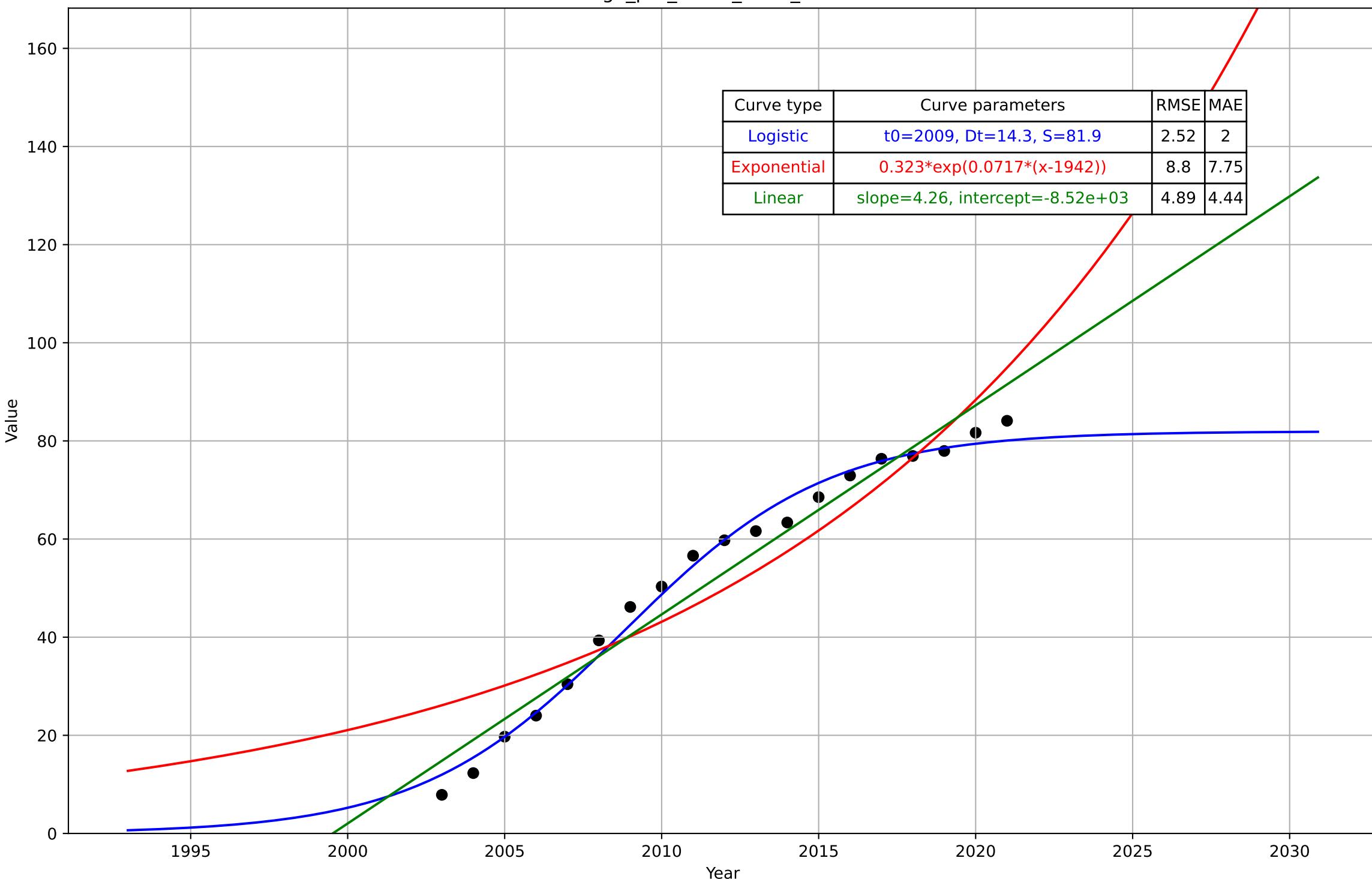
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=21.8, S=78.2	1.68	1.21
Exponential	0.592*exp(0.0653*(x-1941))	6.1	5.62
Linear	slope=3.11, intercept=-6.2e+03	2.88	2.42
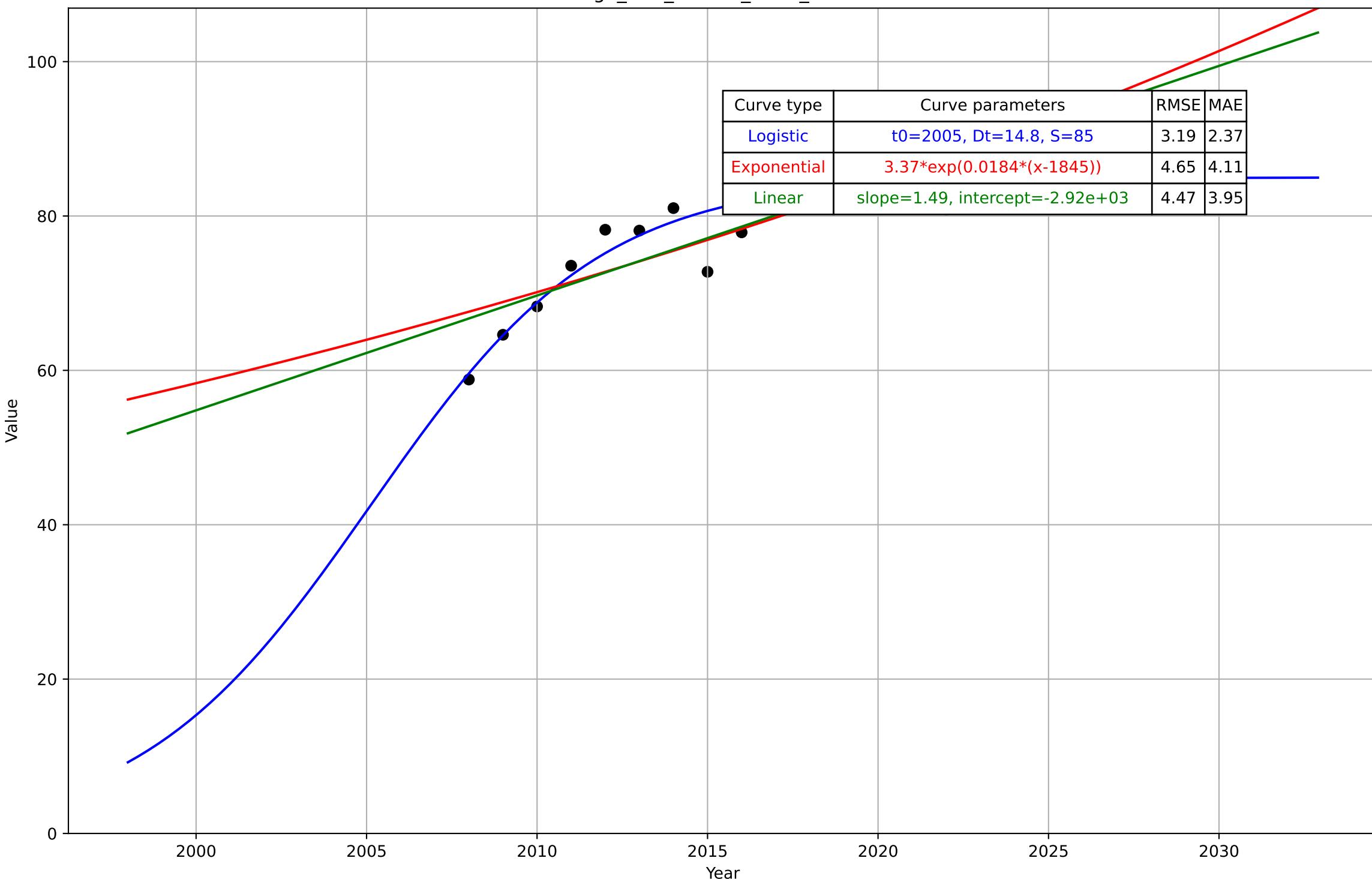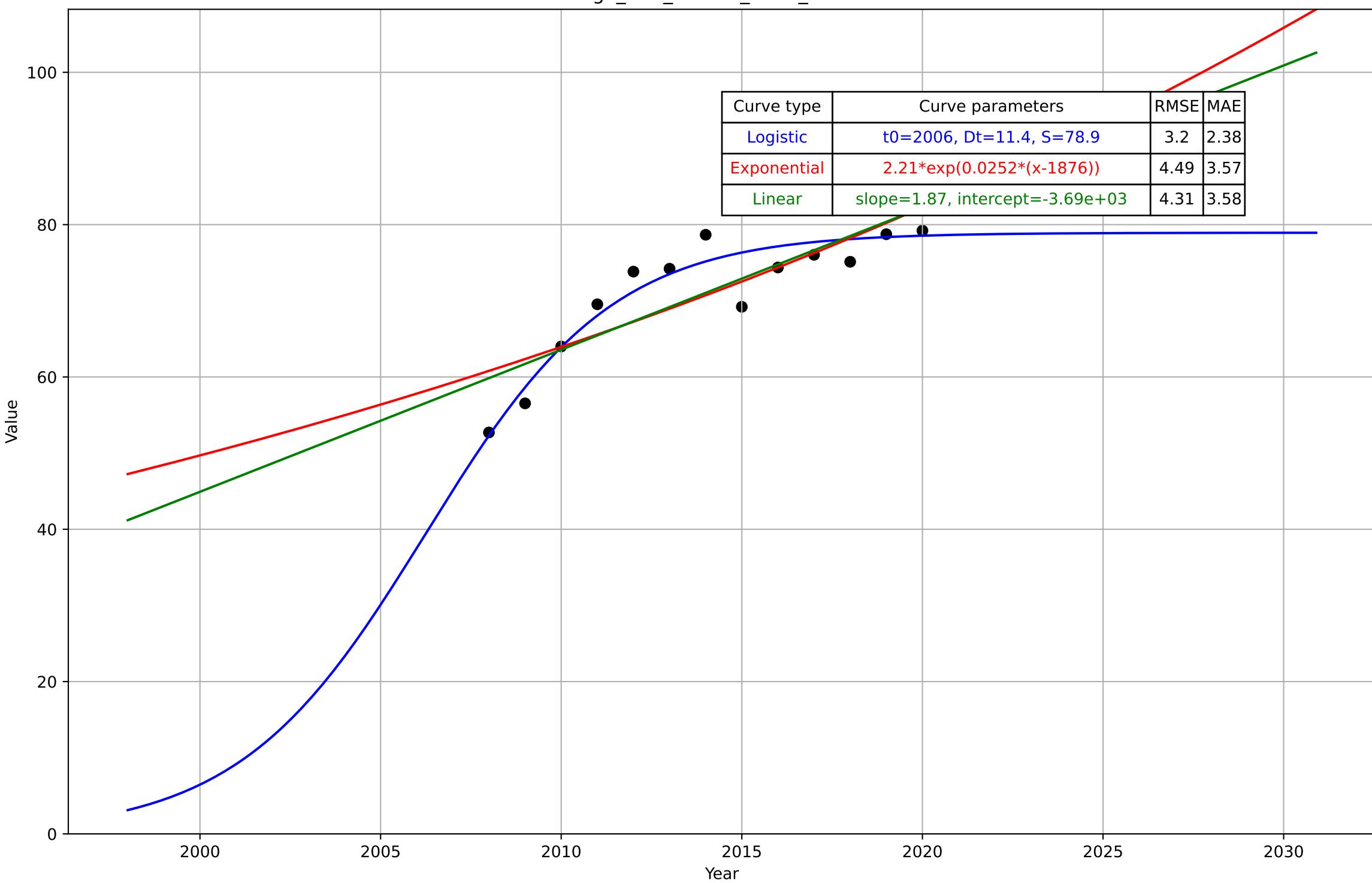
E-government
Portugal
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_por_4.5Inf_d005_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=14.3, S=81.9	2.52	2
Exponential	0.323*exp(0.0717*(x-1942))	8.8	7.75
Linear	slope=4.26, intercept=-8.52e+03	4.89	4.44
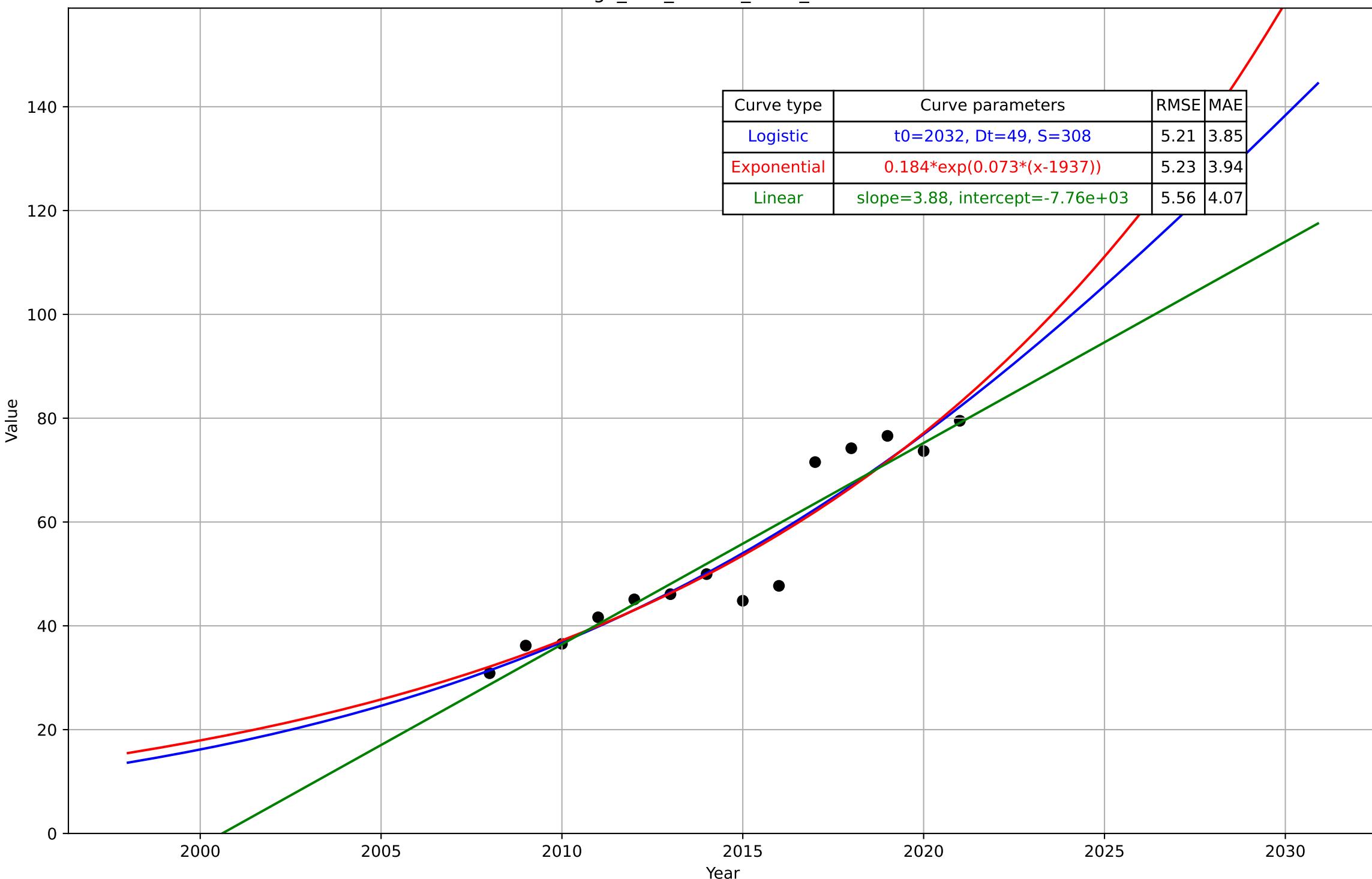
E-government
Sweden
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_swe_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=14.8, S=85	3.19	2.37
Exponential	3.37*exp(0.0184*(x-1845))	4.65	4.11
Linear	slope=1.49, intercept=-2.92e+03	4.47	3.95
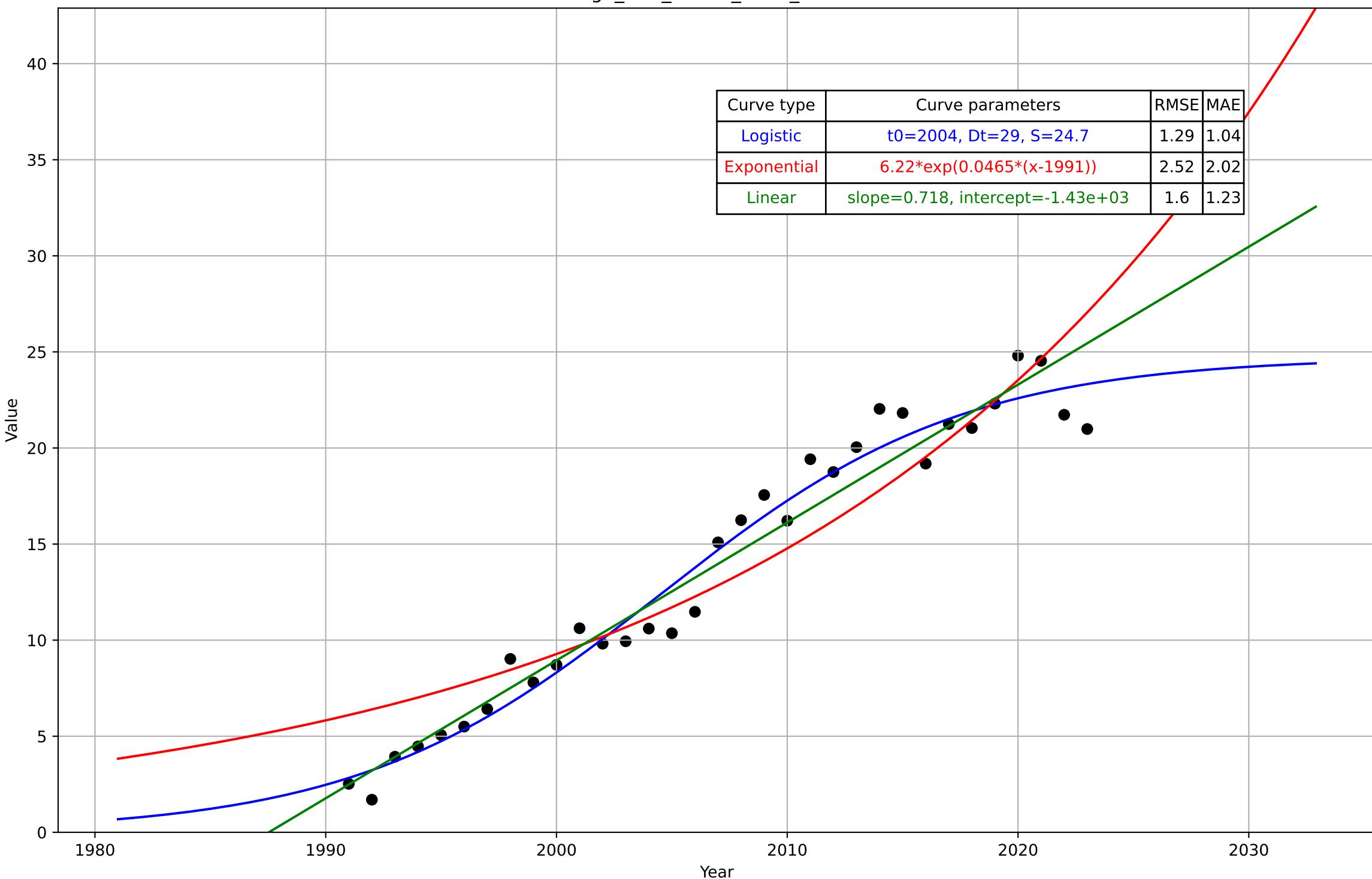
E-government
Sweden
1.1
% people who obtained information from public authorities' web sites (in the past year)
%
Adoption over time
ego_swe_1.1Ado_d035_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=11.4, S=78.9	3.2	2.38
Exponential	2.21*exp(0.0252*(x-1876))	4.49	3.57
Linear	slope=1.87, intercept=-3.69e+03	4.31	3.58

E-government
Sweden
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_swe_1.1Ado_d036_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2032, Dt=49, S=308	5.21	3.85
Exponential	0.184*exp(0.073*(x-1937))	5.23	3.94
Linear	slope=3.88, intercept=-7.76e+03	5.56	4.07

E-government
Sweden
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_swe_2.2Rel_d113_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=29, S=24.7	1.29	1.04
Exponential	6.22*exp(0.0465*(x-1991))	2.52	2.02
Linear	slope=0.718, intercept=-1.43e+03	1.6	1.23
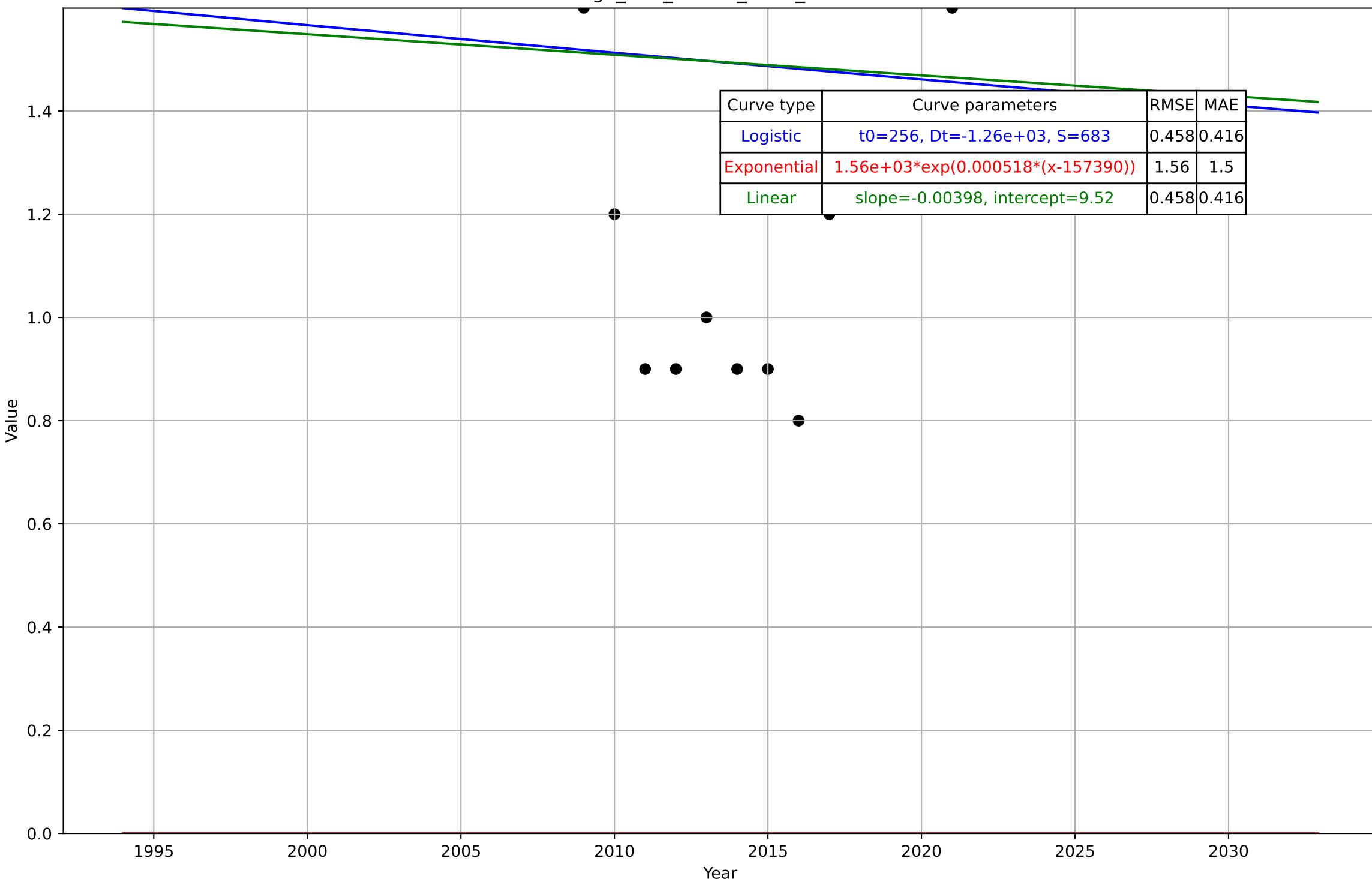
E-government
Sweden
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_swe_2.4Eas_d003_m025
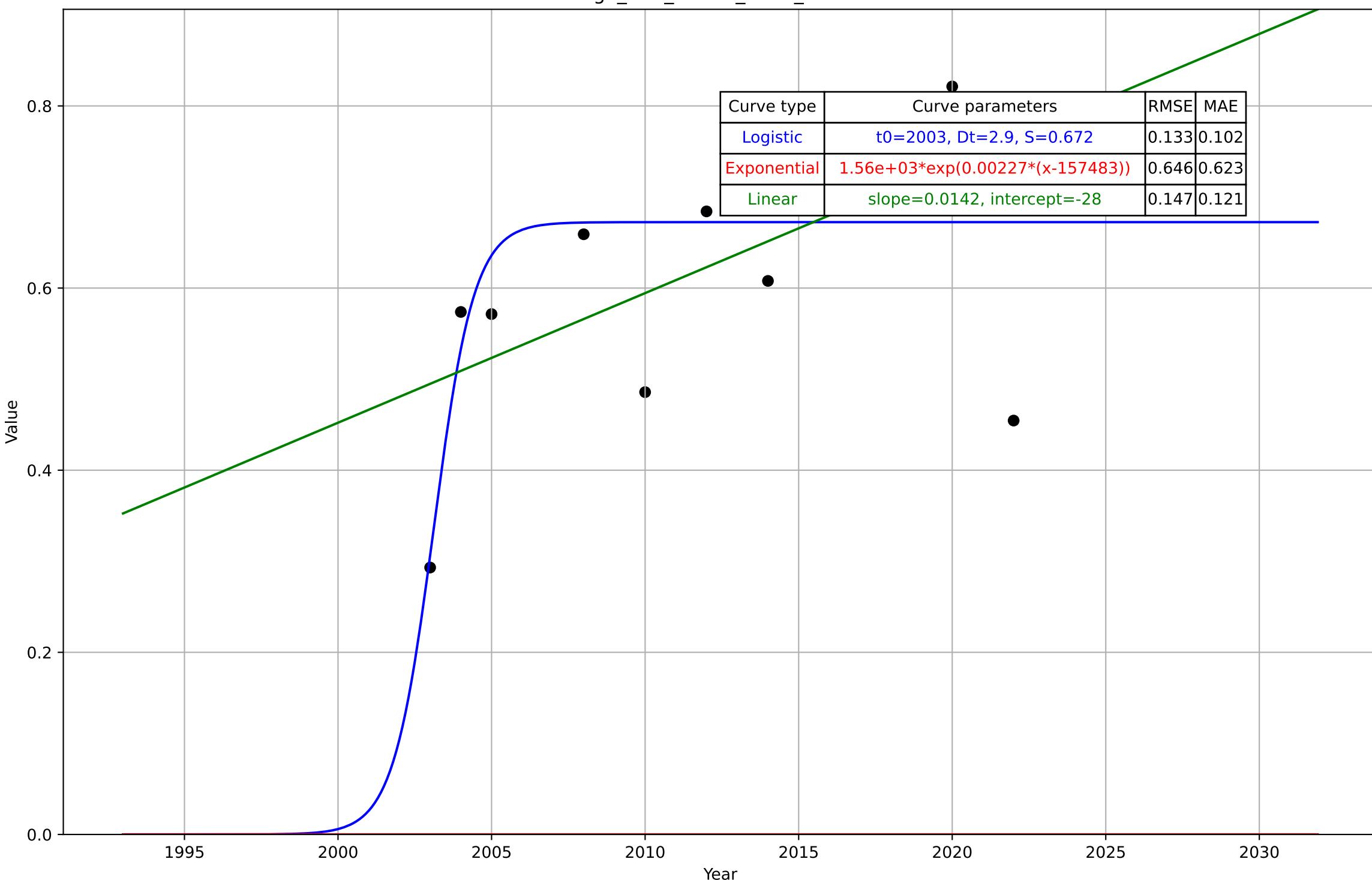
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=256, Dt=-1.26e+03, S=683	0.458	0.416
Exponential	1.56e+03*exp(0.000518*(x-157390))	1.56	1.5
Linear	slope=-0.00398, intercept=9.52	0.458	0.416
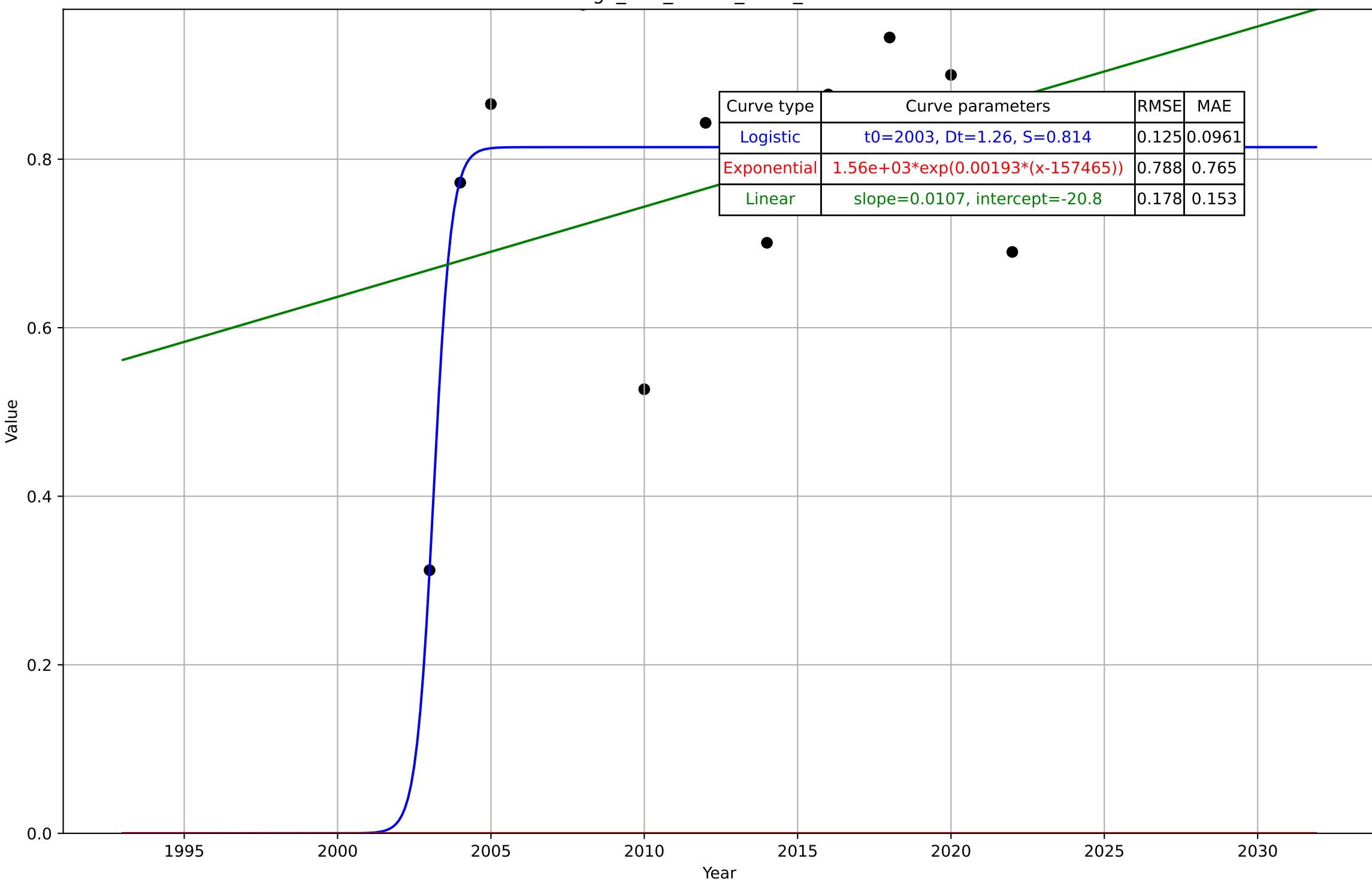
E-government
Sweden
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_swe_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=2.9, S=0.672	0.133	0.102
Exponential	1.56e+03*exp(0.00227*(x-157483))	0.646	0.623
Linear	slope=0.0142, intercept=-28	0.147	0.121

E-government
Sweden
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_swe_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=1.26, S=0.814	0.125	0.0961
Exponential	1.56e+03*exp(0.00193*(x-157465))	0.788	0.765
Linear	slope=0.0107, intercept=-20.8	0.178	0.153
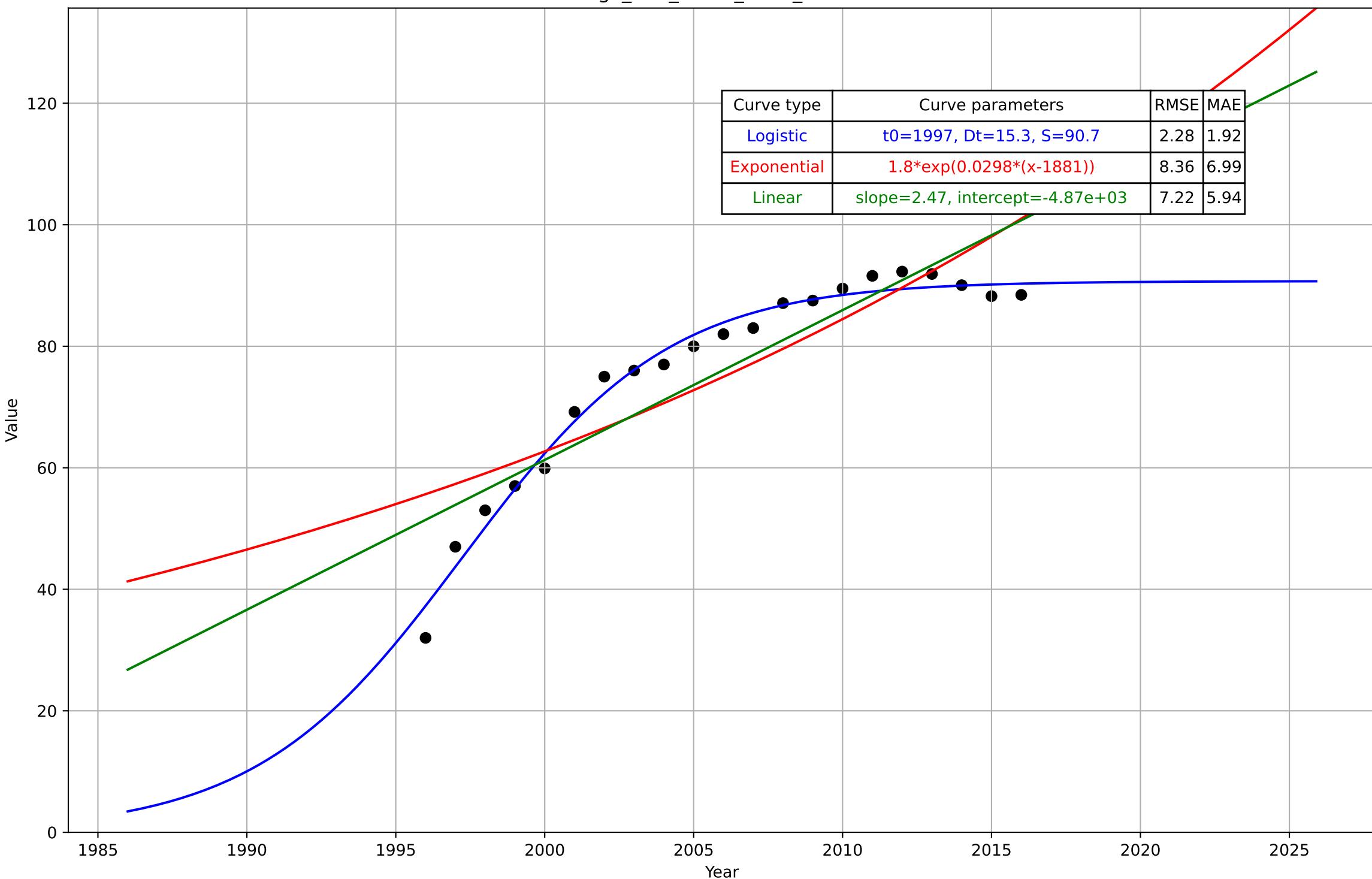
E-government
Sweden
2.9
% households with a computer
%
Inter-dependence with hardware
ego_swe_2.9Int_d004_m025
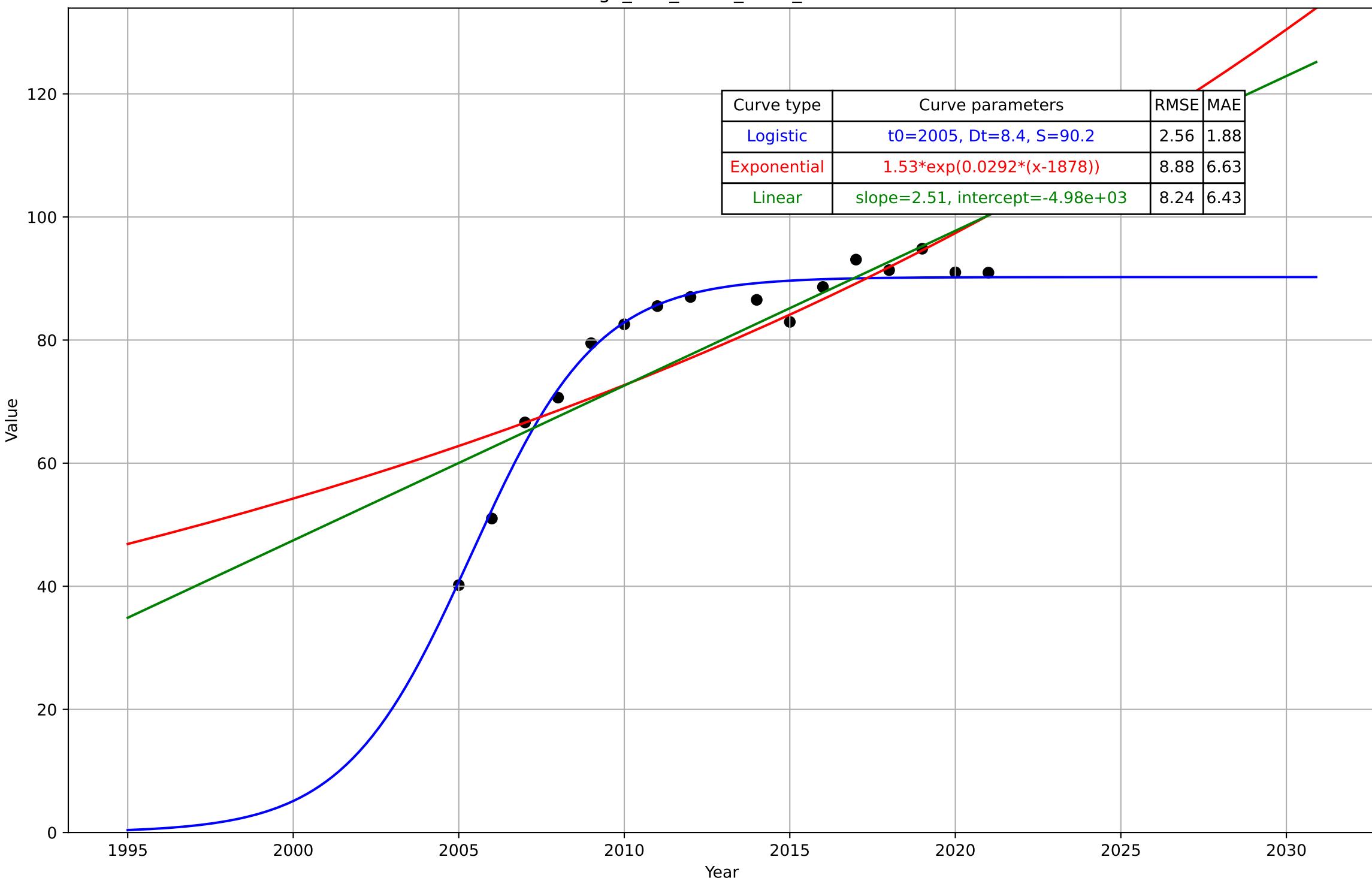
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1997, Dt=15.3, S=90.7	2.28	1.92
Exponential	1.8*exp(0.0298*(x-1881))	8.36	6.99
Linear	slope=2.47, intercept=-4.87e+03	7.22	5.94
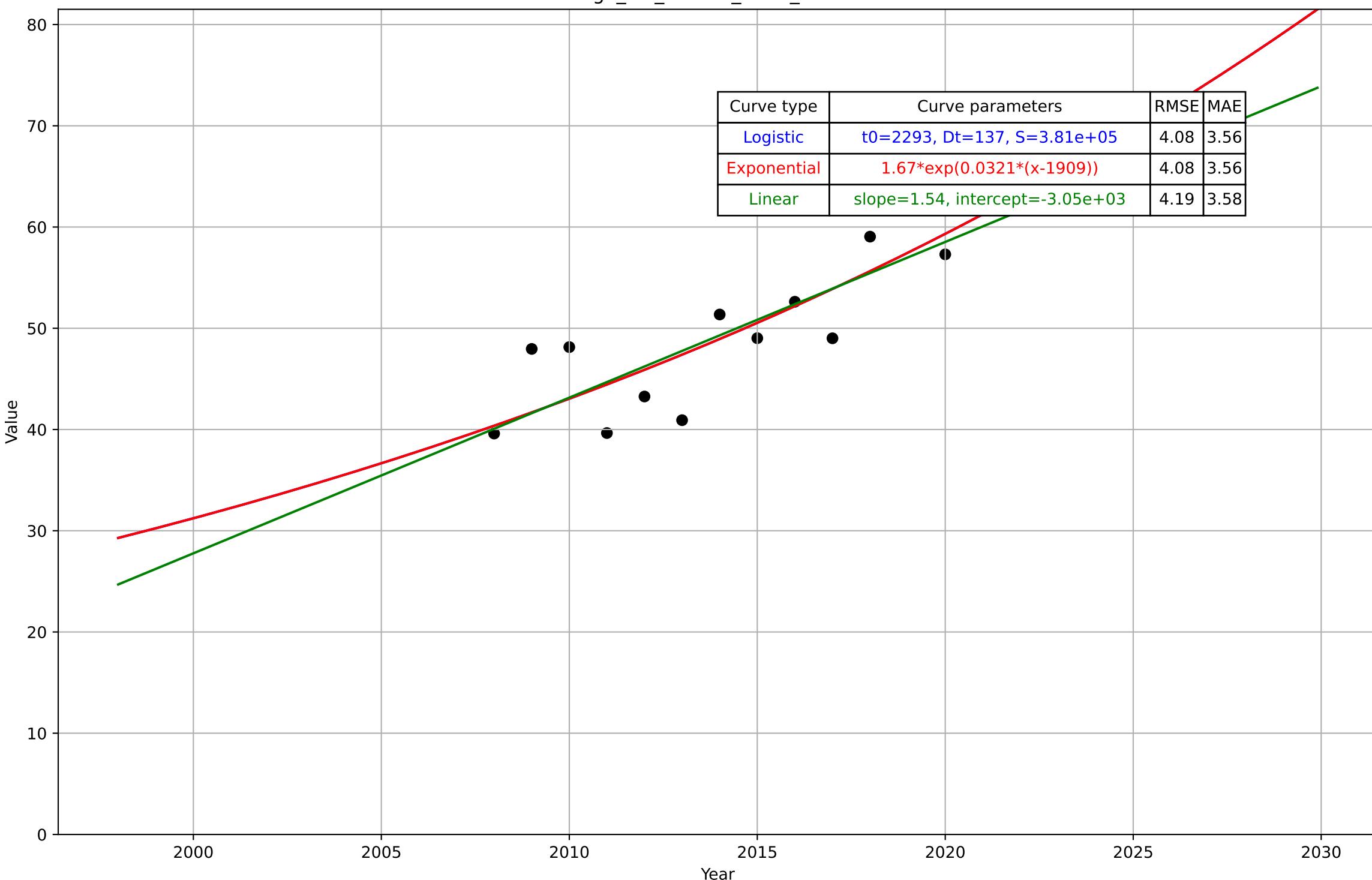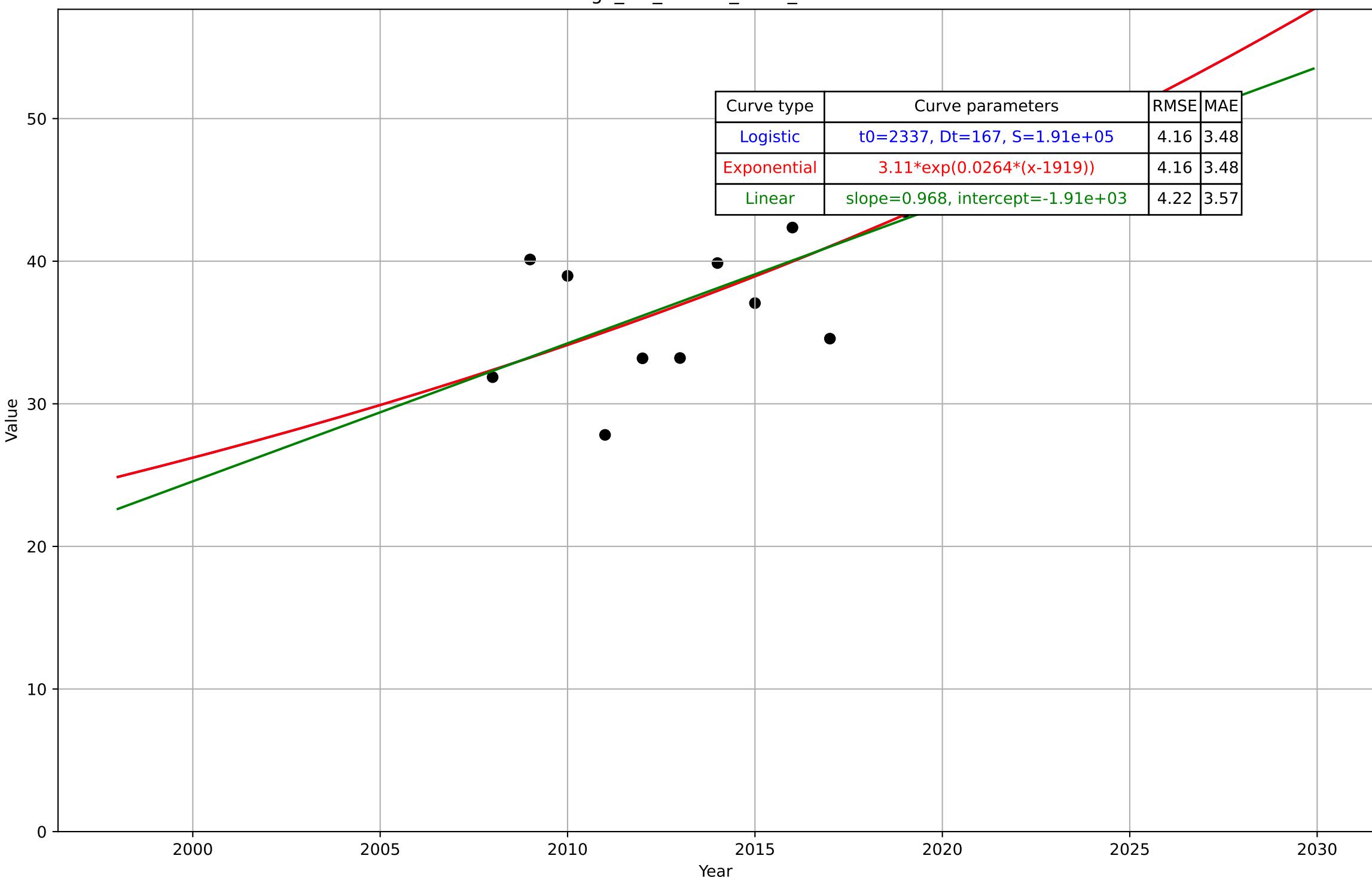
E-government
Sweden
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_swe_4.5Inf_d005_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=8.4, S=90.2	2.56	1.88
Exponential	1.53*exp(0.0292*(x-1878))	8.88	6.63
Linear	slope=2.51, intercept=-4.98e+03	8.24	6.43

E-government
United Kingdom
1.1
% people who interacted online with public authorities (in the past year)
%
Adoption over time
ego_uki_1.1Ado_d034_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2293, Dt=137, S=3.81e+05	4.08	3.56
Exponential	1.67*exp(0.0321*(x-1909))	4.08	3.56
Linear	slope=1.54, intercept=-3.05e+03	4.19	3.58
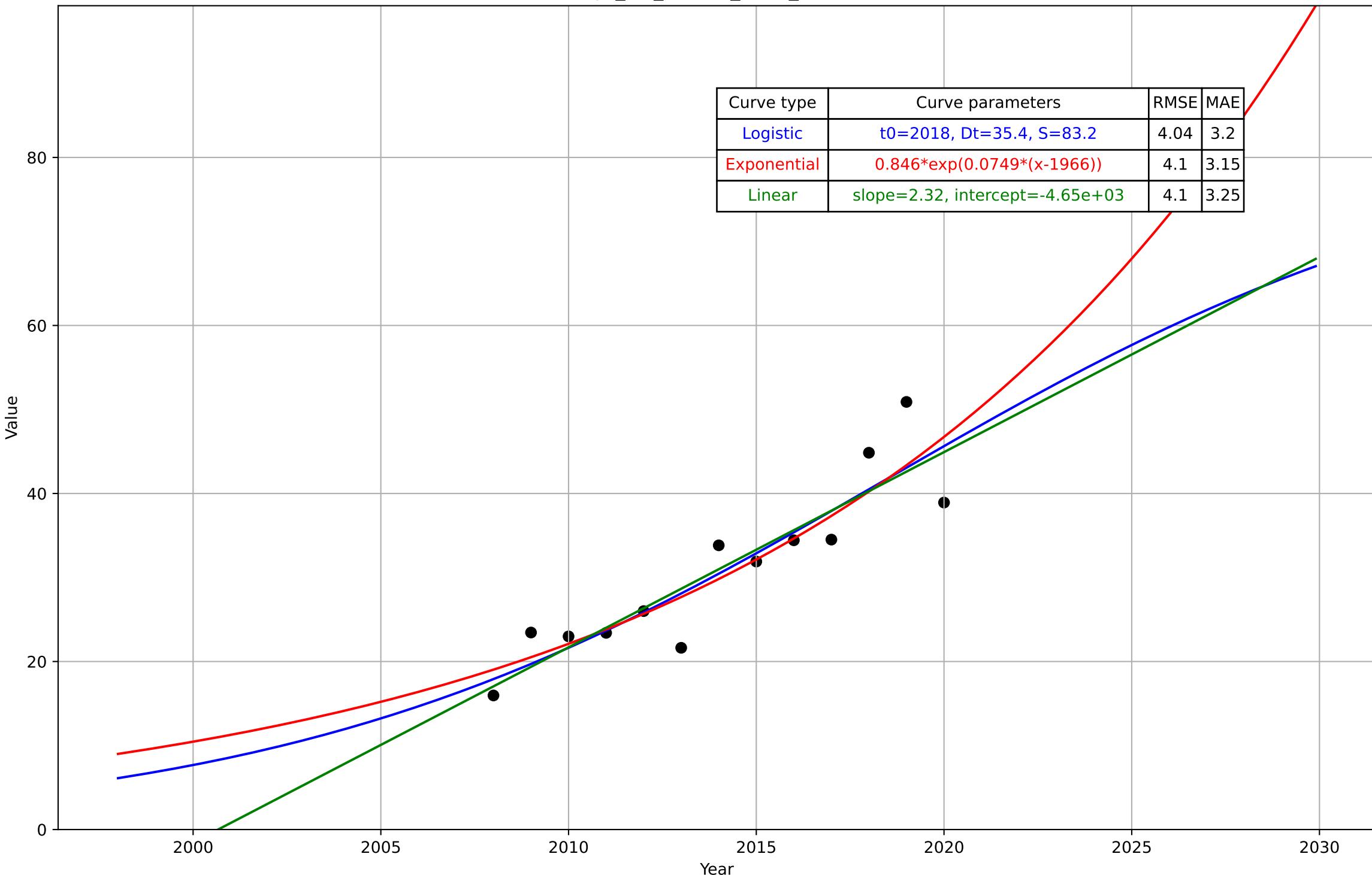
E-government
United Kingdom
1.1
% people who obtained information from public authorities' web sites (in the past year)
%
Adoption over time
ego_uki_1.1Ado_d035_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2337, Dt=167, S=1.91e+05	4.16	3.48
Exponential	3.11*exp(0.0264*(x-1919))	4.16	3.48
Linear	slope=0.968, intercept=-1.91e+03	4.22	3.57

Value
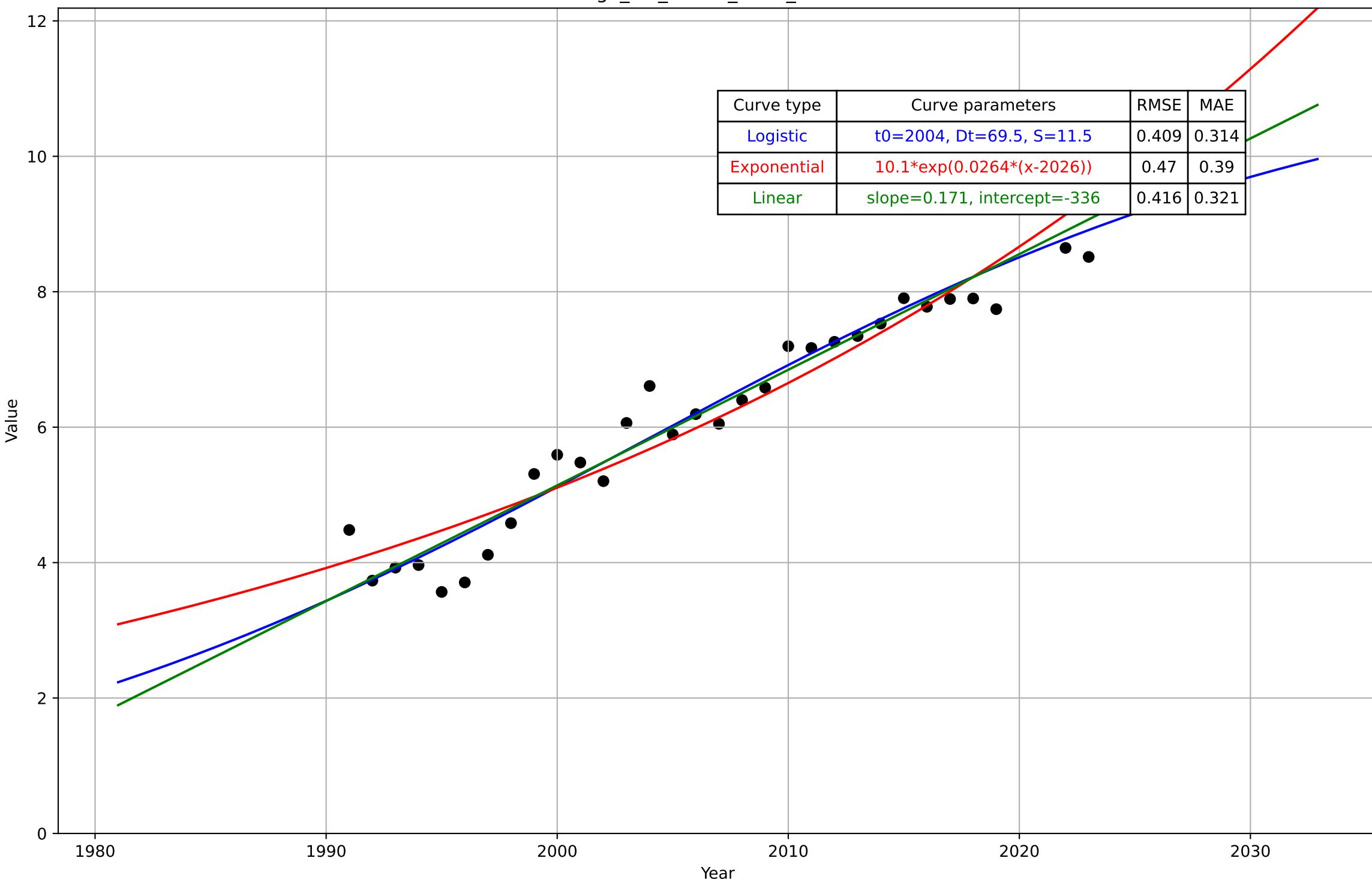
Year

E-government
United Kingdom
1.1
% people who submitted completed public authorities' forms online (in the past year)
%
Adoption over time
ego_uki_1.1Ado_d036_m025
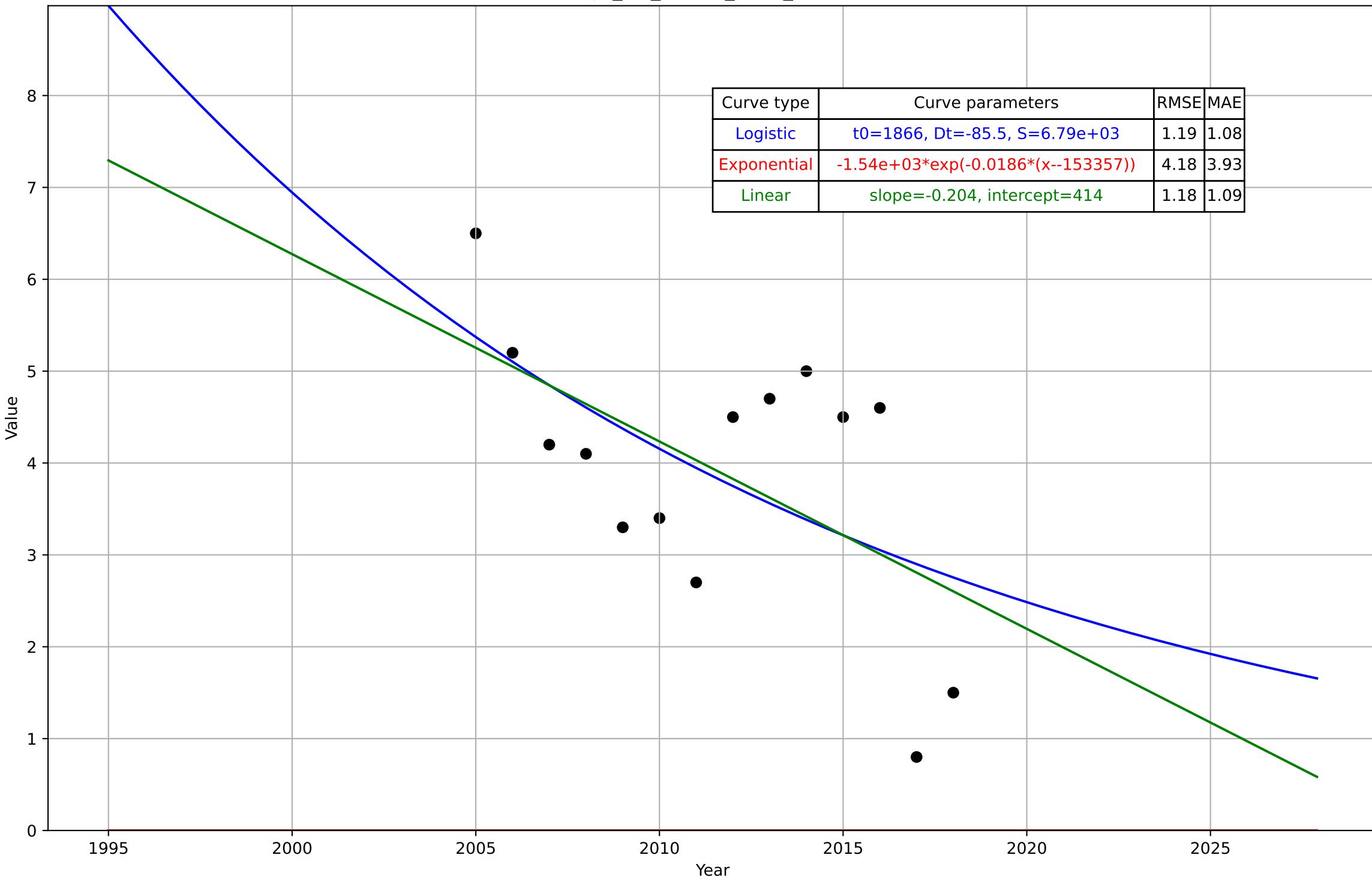
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=35.4, S=83.2	4.04	3.2
Exponential	0.846*exp(0.0749*(x-1966))	4.1	3.15
Linear	slope=2.32, intercept=-4.65e+03	4.1	3.25
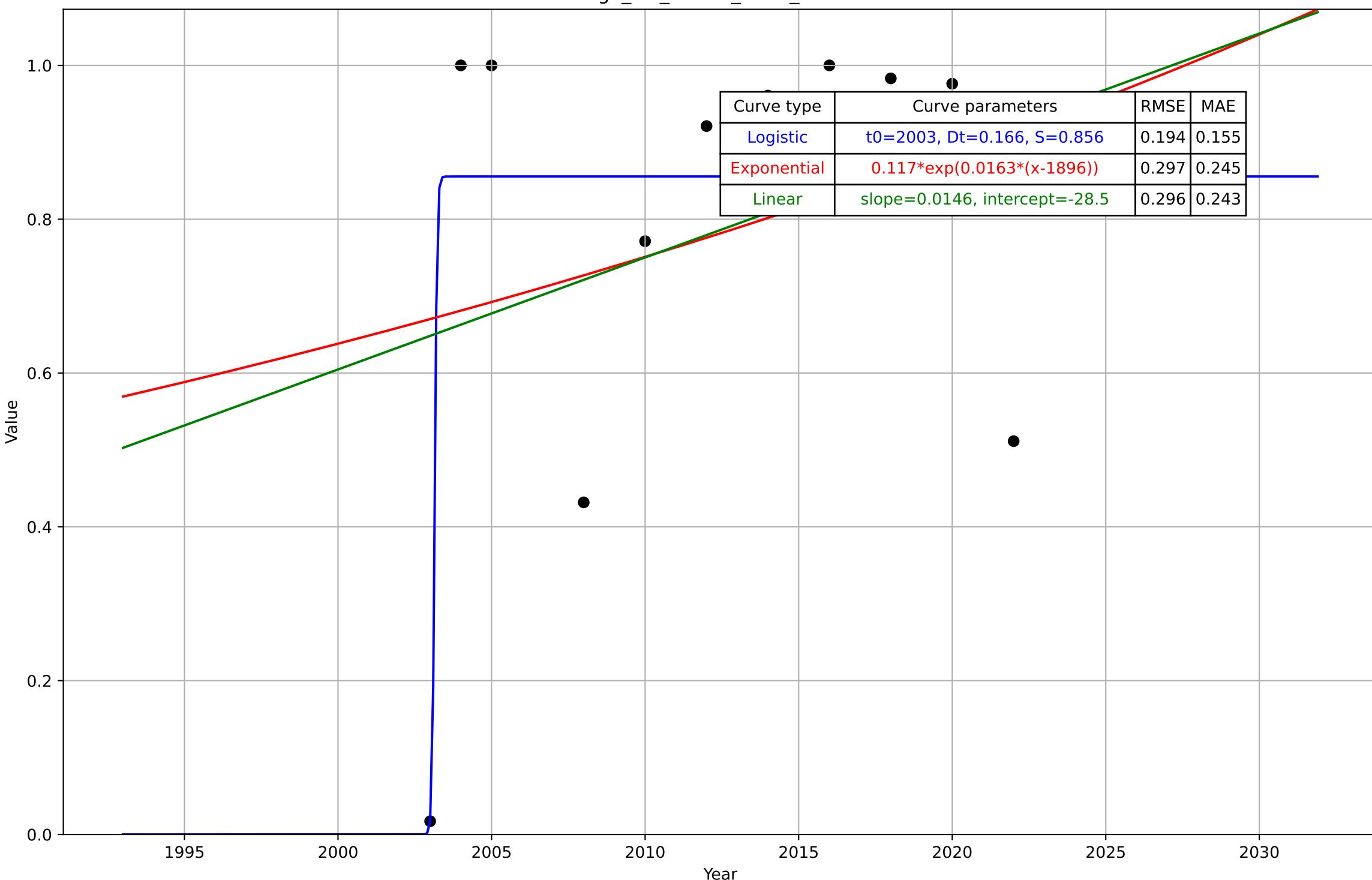
E-government
United Kingdom
2.2
ICT service exports (% of service exports, BoP)
%
Relative Advantge (profitability)
ego_uki_2.2Rel_d113_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=69.5, S=11.5	0.409	0.314
Exponential	10.1*exp(0.0264*(x-2026))	0.47	0.39
Linear	slope=0.171, intercept=-336	0.416	0.321
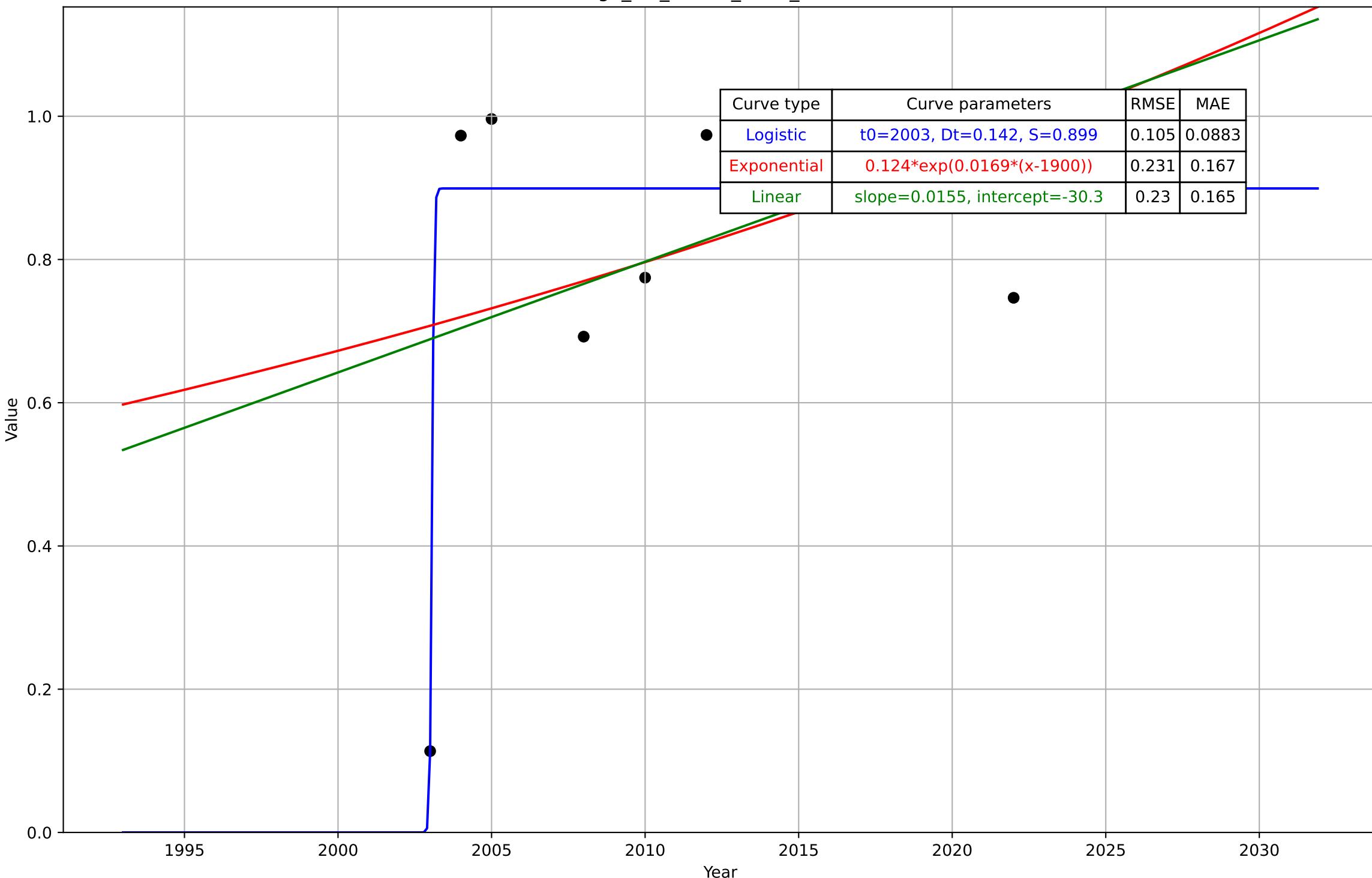
E-government
United Kingdom
2.4
% households who can not afford a computer
%
Ease of Use / Acccessibility
ego_uki_2.4Eas_d003_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1866, Dt=-85.5, S=6.79e+03	1.19	1.08
Exponential	-1.54e+03*exp(-0.0186*(x--153357))	4.18	3.93
Linear	slope=-0.204, intercept=414	1.18	1.09

E-government
United Kingdom
2.5
E-Participation Index (three components of citizen involvement: e-information, e-consultation and e-decision-making; indexed 0-1)
Index 0-1
Variety: Choice Availability
ego_uki_2.5Var_d085_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=0.166, S=0.856	0.194	0.155
Exponential	0.117*exp(0.0163*(x-1896))	0.297	0.245
Linear	slope=0.0146, intercept=-28.5	0.296	0.243

E-government
United Kingdom
2.5
Online Service Index (# services available online /180 total)
Index 0-1
Variety: Choice Availability
ego_uki_2.5Var_d150_m107

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=0.142, S=0.899	0.105	0.0883
Exponential	0.124*exp(0.0169*(x-1900))	0.231	0.167
Linear	slope=0.0155, intercept=-30.3	0.23	0.165
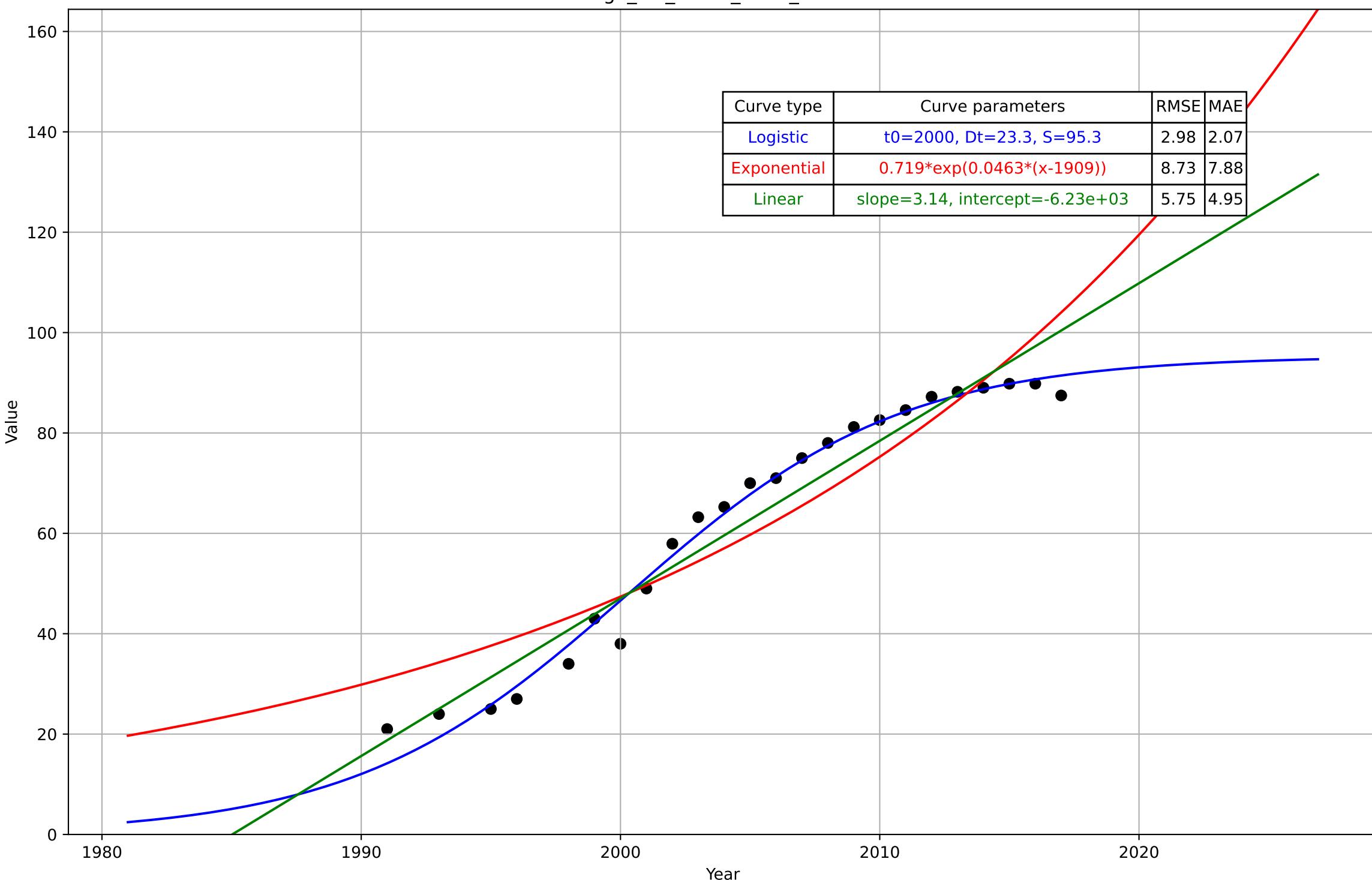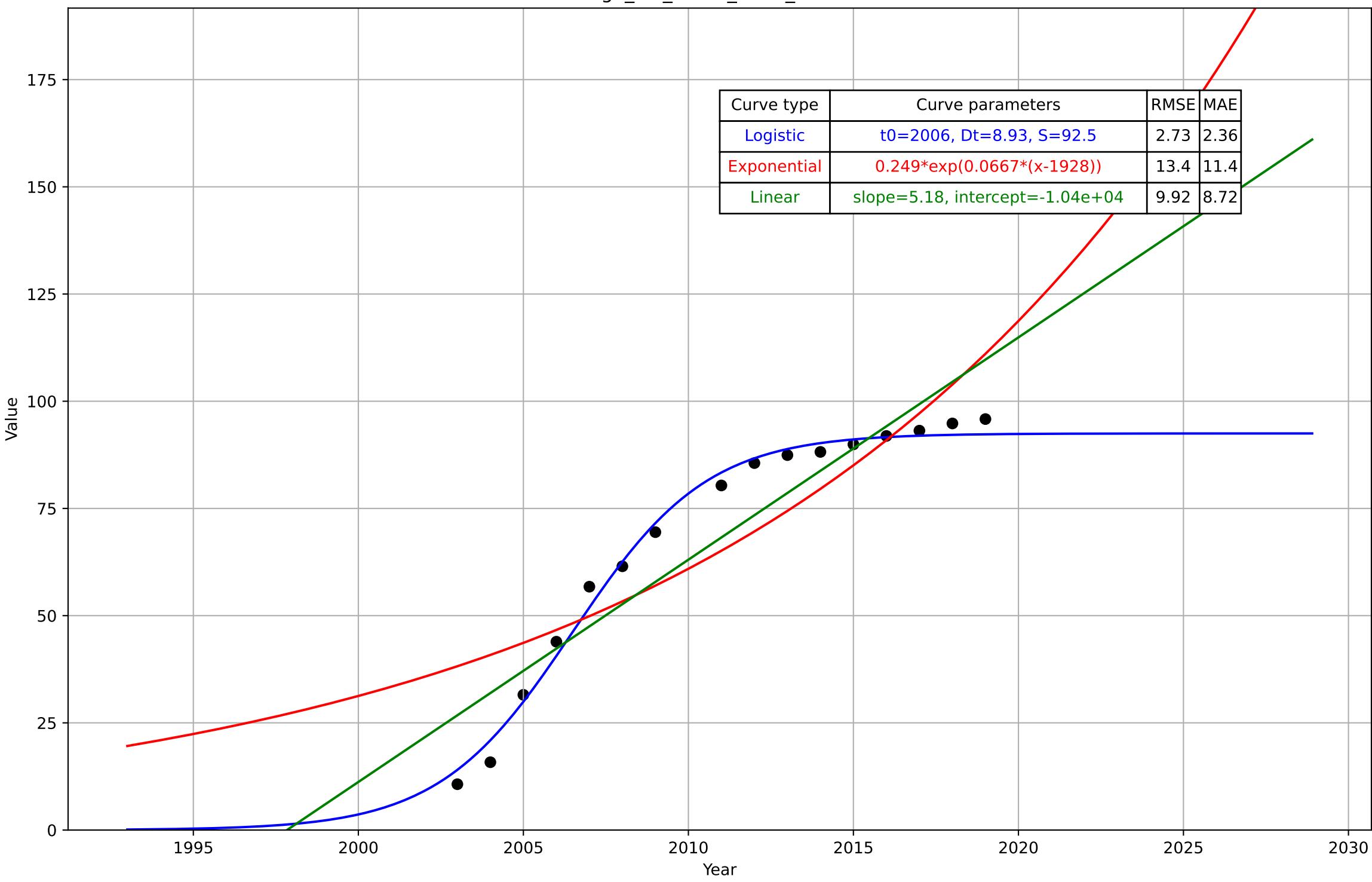
E-government
United Kingdom
2.9
% households with a computer
%
Inter-dependence with hardware
ego_uki_2.9Int_d004_m025
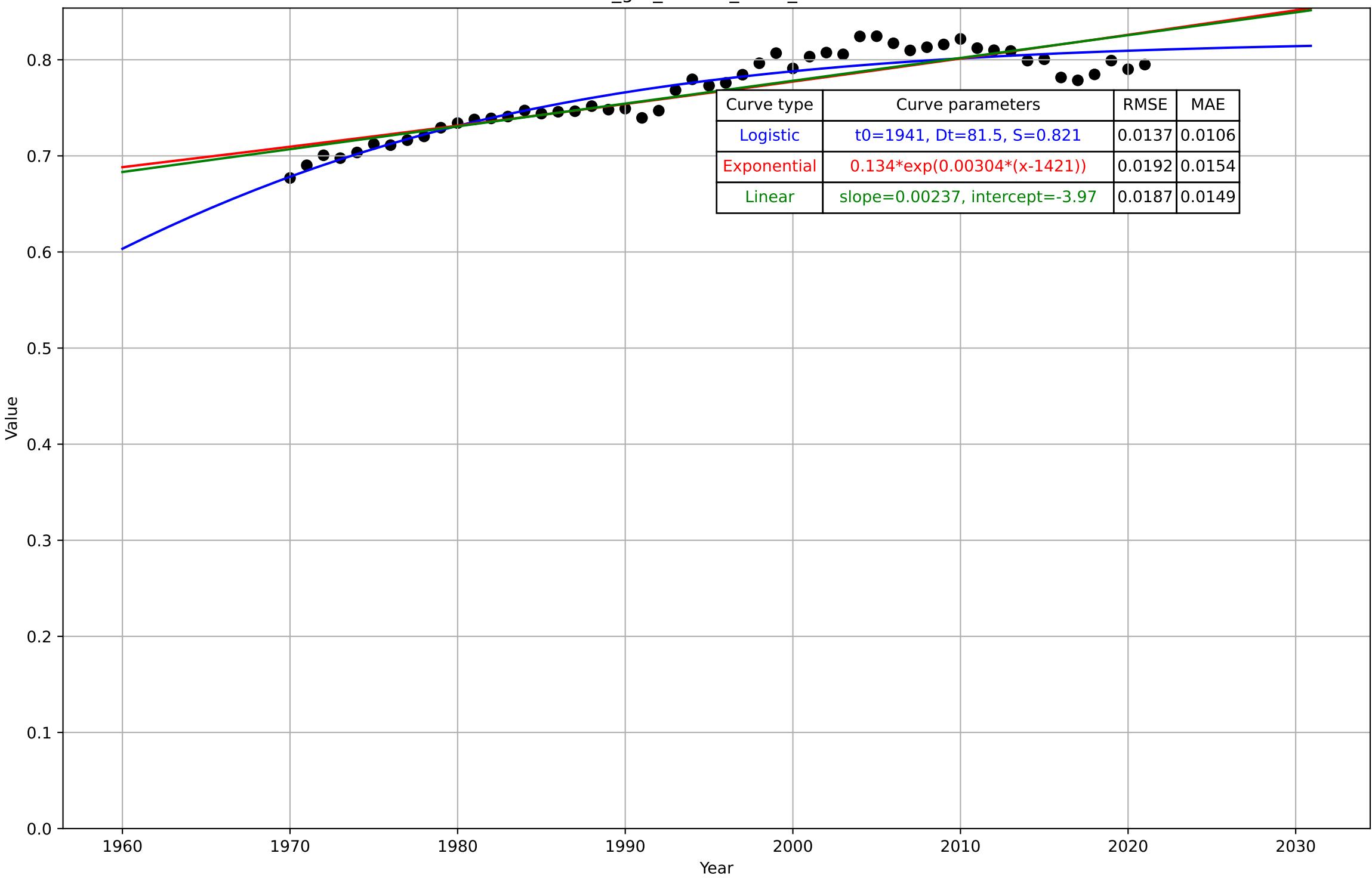
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=23.3, S=95.3	2.98	2.07
Exponential	0.719*exp(0.0463*(x-1909))	8.73	7.88
Linear	slope=3.14, intercept=-6.23e+03	5.75	4.95
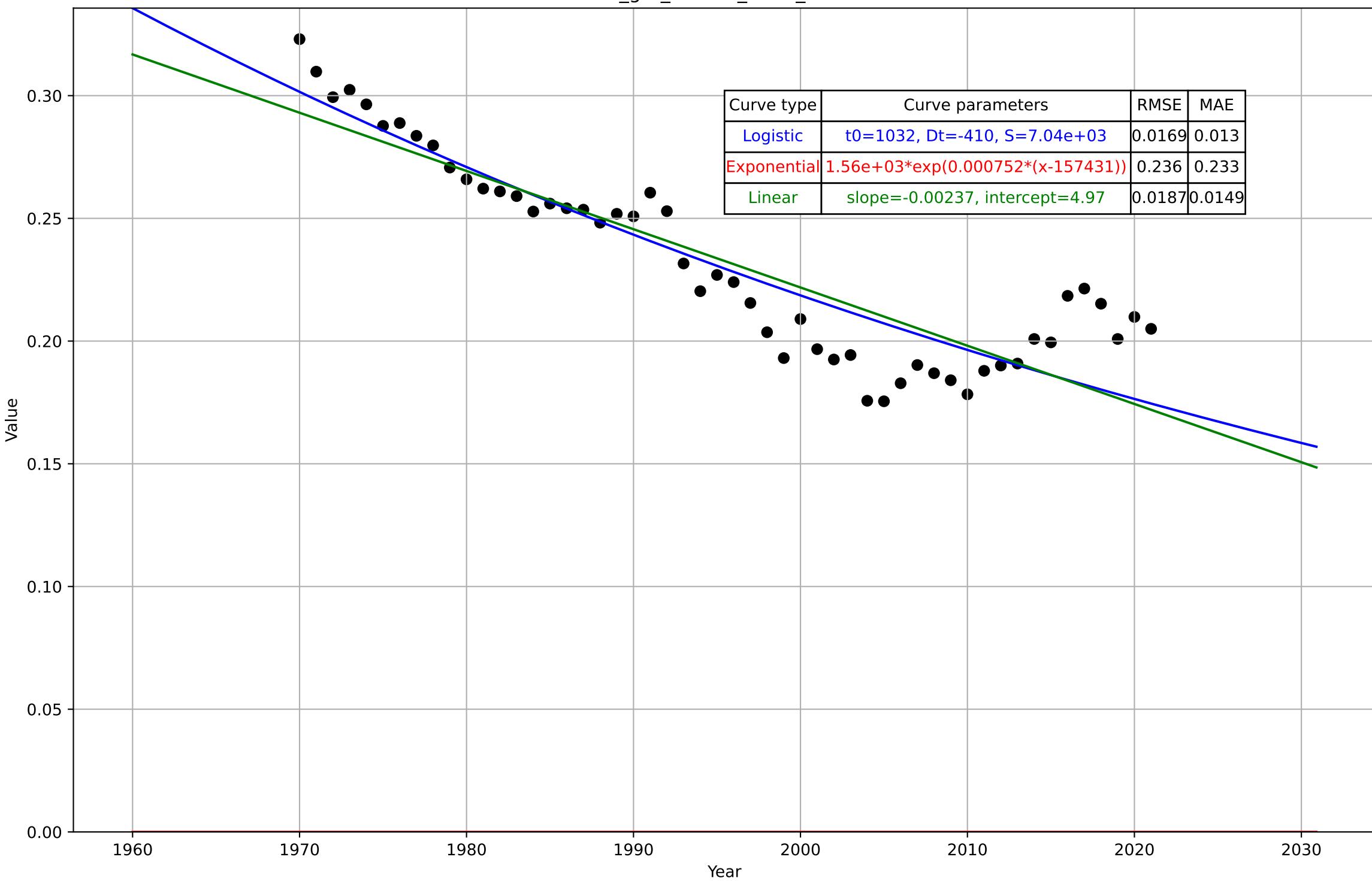
E-government
United Kingdom
4.5
% households with broadband internet connection (fixed or mobile)
%
Physical Infrastructure dependence
ego_uki_4.5Inf_d005_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=8.93, S=92.5	2.73	2.36
Exponential	0.249*exp(0.0667*(x-1928))	13.4	11.4
Linear	slope=5.18, intercept=-1.04e+04	9.92	8.72
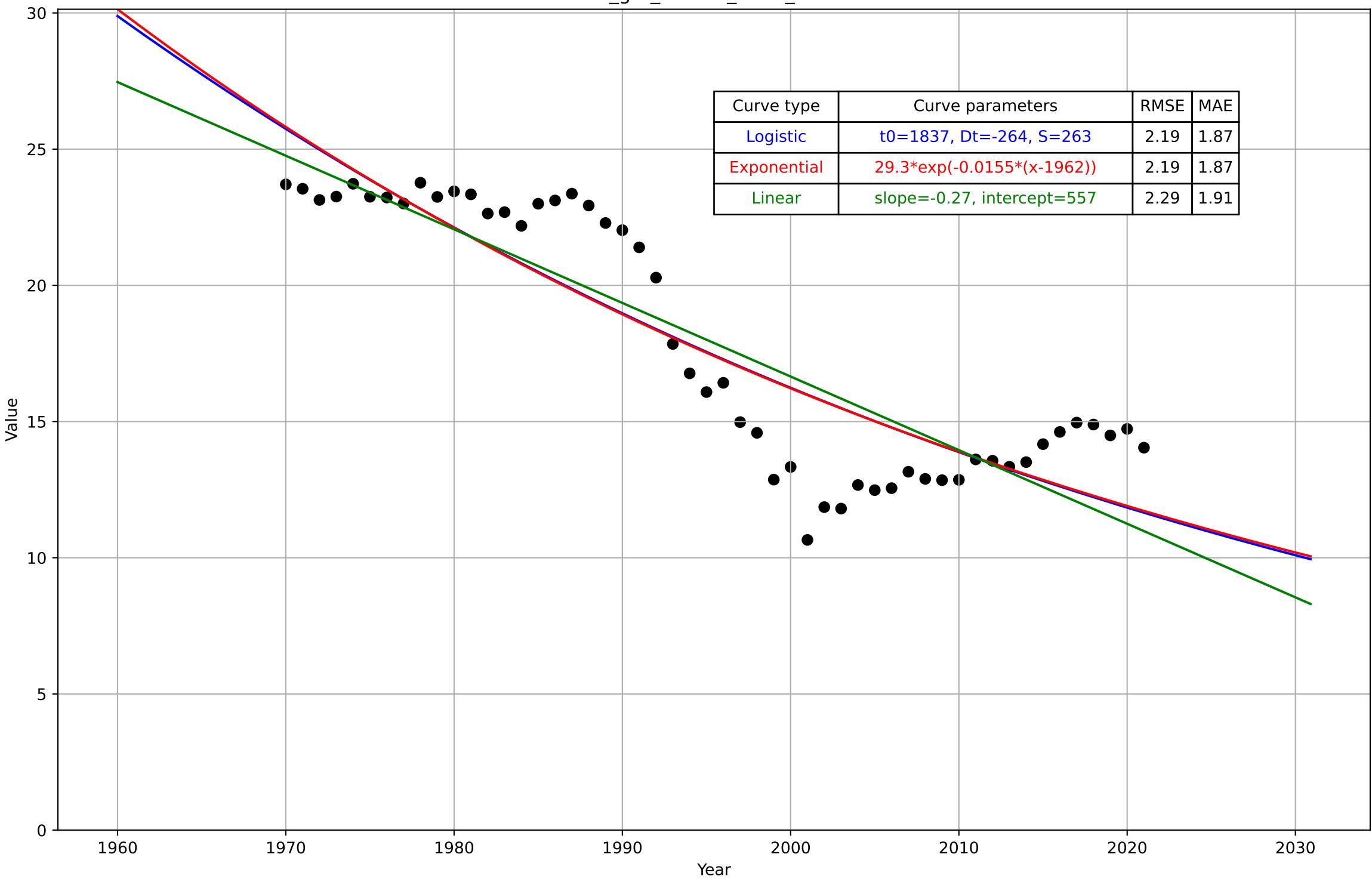
Eating less meat
Germany
1.1
% poultry+pig in total meat consumption
% kg/yr
Adoption over time
eat_ger_1.1Ado_d037_m032

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1941, Dt=81.5, S=0.821	0.0137	0.0106
Exponential	0.134*exp(0.00304*(x-1421))	0.0192	0.0154
Linear	slope=0.00237, intercept=-3.97	0.0187	0.0149
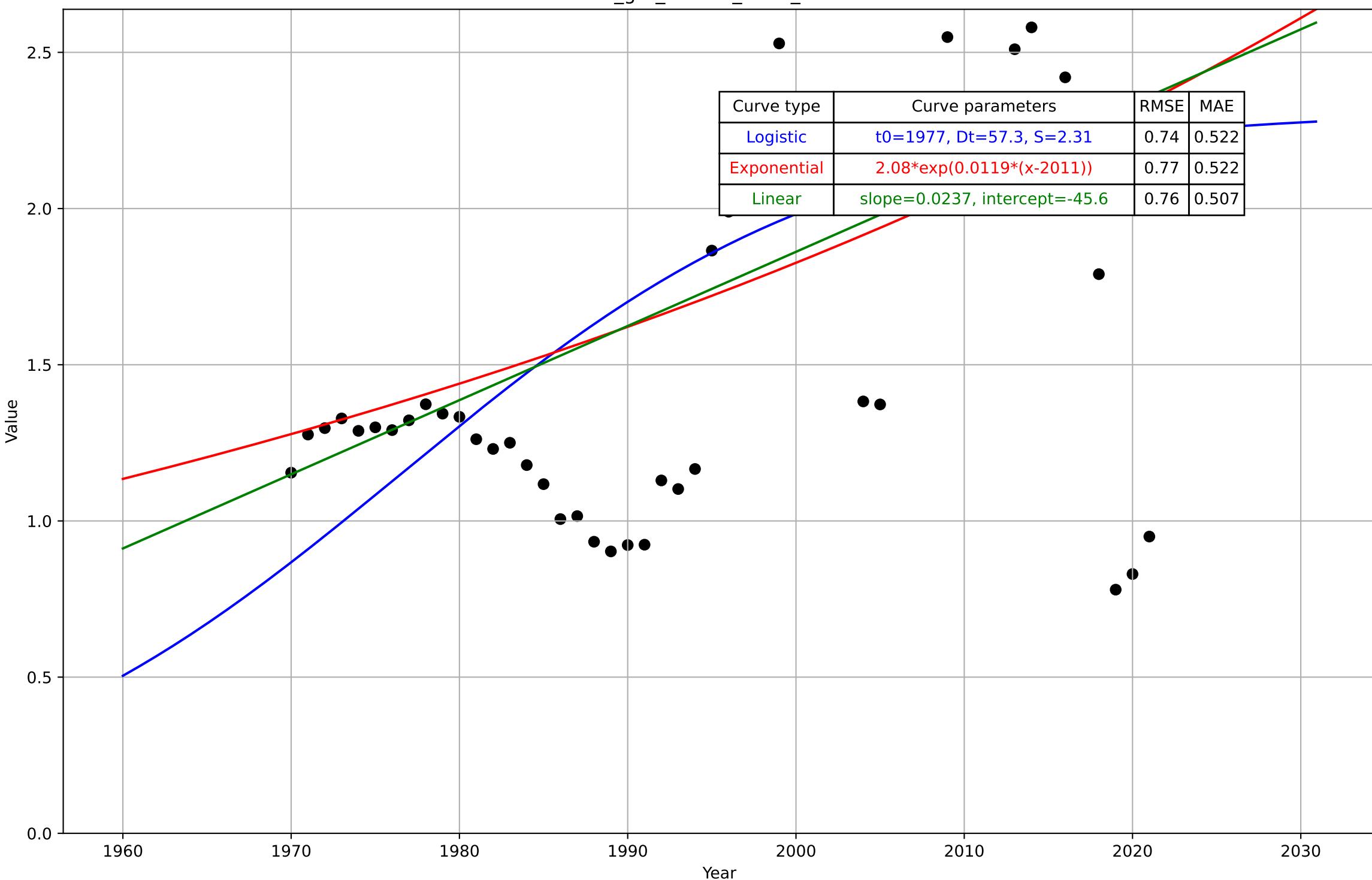
Eating less meat
Germany
1.1
% red in total meat consumption
% kg/yr
Adoption over time
eat_ger_1.1Ado_d038_m032

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1032, Dt=-410, S=7.04e+03	0.0169	0.013
Exponential	1.56e+03*exp(0.000752*(x-157431))	0.236	0.233
Linear	slope=-0.00237, intercept=4.97	0.0187	0.0149
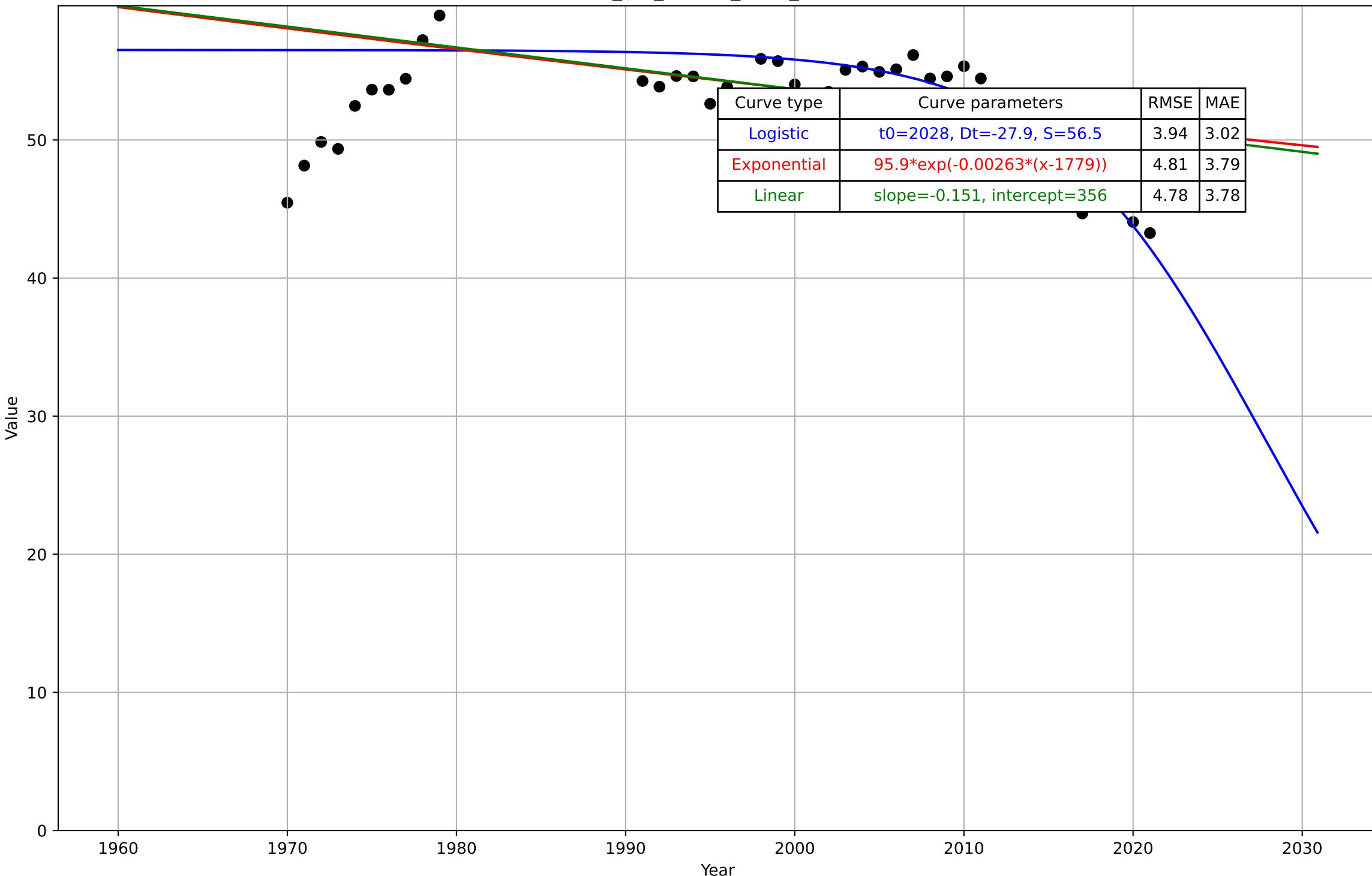
Eating less meat
Germany
1.1
per capita beef consumption
Kg/yr
Adoption over time
eat_ger_1.1Ado_d167_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1837, Dt=-264, S=263	2.19	1.87
Exponential	29.3*exp(-0.0155*(x-1962))	2.19	1.87
Linear	slope=-0.27, intercept=557	2.29	1.91
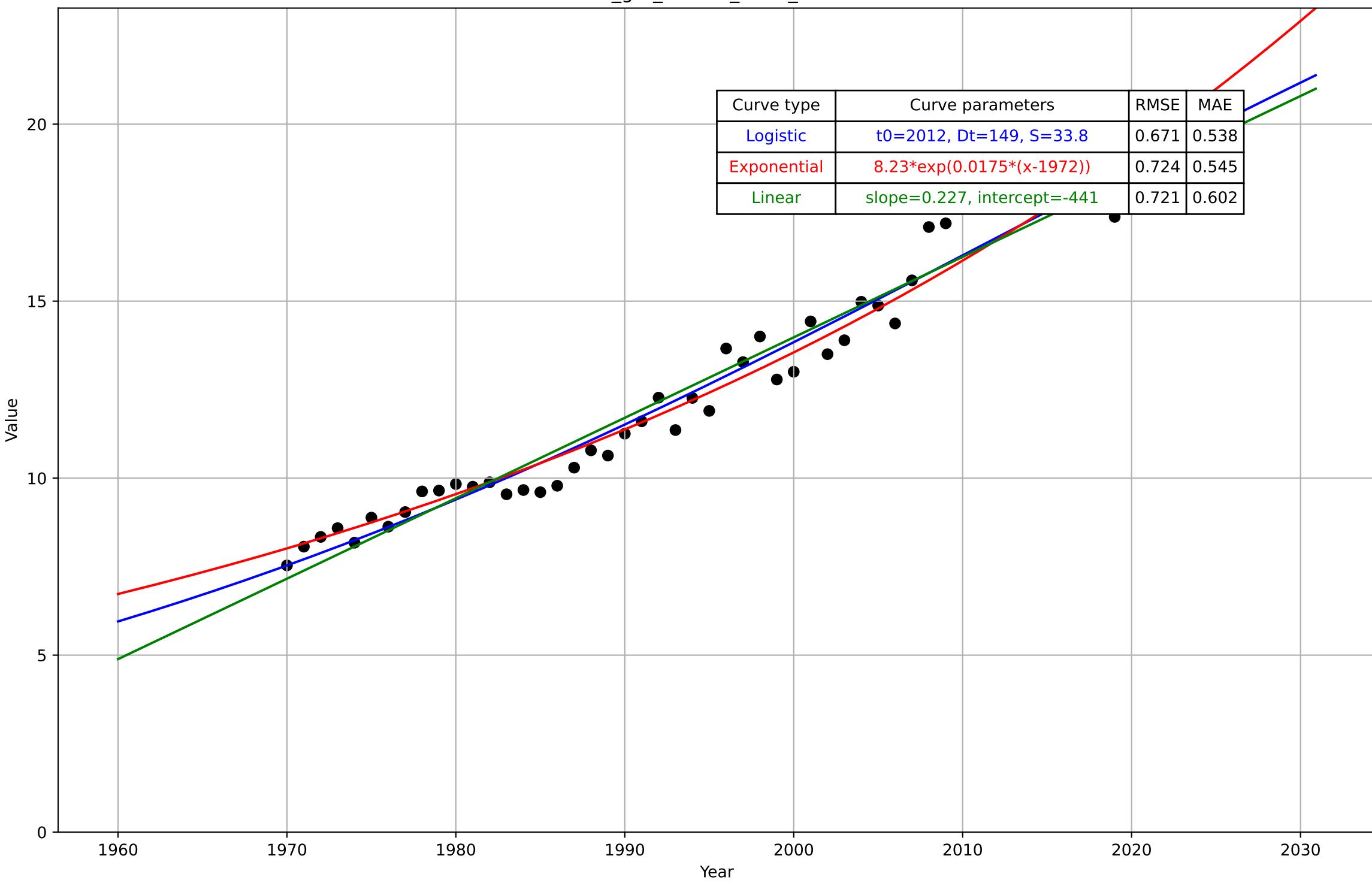
Eating less meat
Germany
1.1
per capita other meat consumption
kg/yr
Adoption over time
eat_ger_1.1Ado_d168_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1977, Dt=57.3, S=2.31	0.74	0.522
Exponential	2.08*exp(0.0119*(x-2011))	0.77	0.522
Linear	slope=0.0237, intercept=-45.6	0.76	0.507
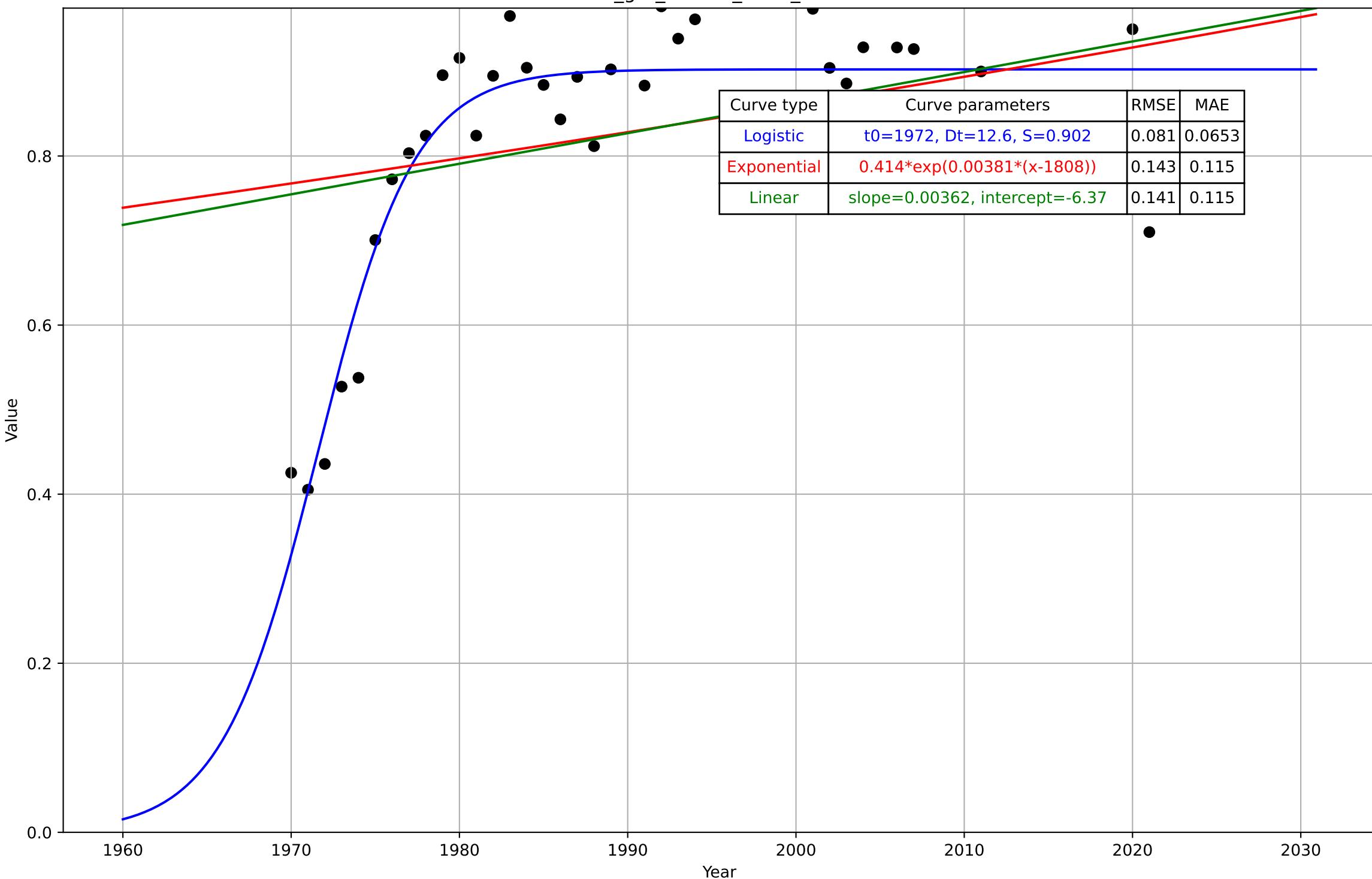
Eating less meat
Germany
1.1
per capita pig consumption
Kg/yr
Adoption over time
eat_ger_1.1Ado_d169_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2028, Dt=-27.9, S=56.5	3.94	3.02
Exponential	95.9*exp(-0.00263*(x-1779))	4.81	3.79
Linear	slope=-0.151, intercept=356	4.78	3.78
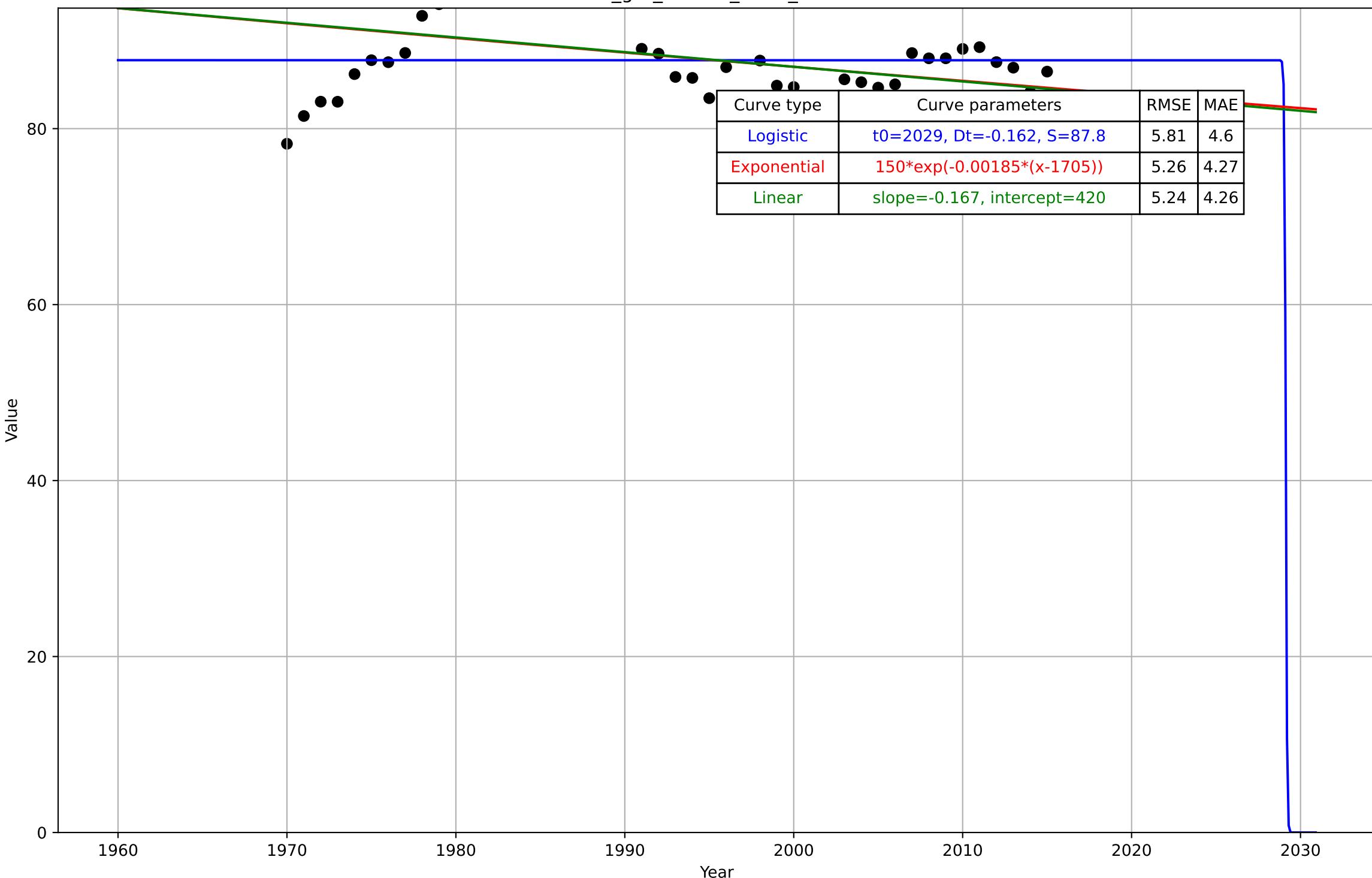
Eating less meat
Germany
1.1
per capita poultry consumption
kg/yr
Adoption over time
eat_ger_1.1Ado_d170_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=149, S=33.8	0.671	0.538
Exponential	8.23*exp(0.0175*(x-1972))	0.724	0.545
Linear	slope=0.227, intercept=-441	0.721	0.602
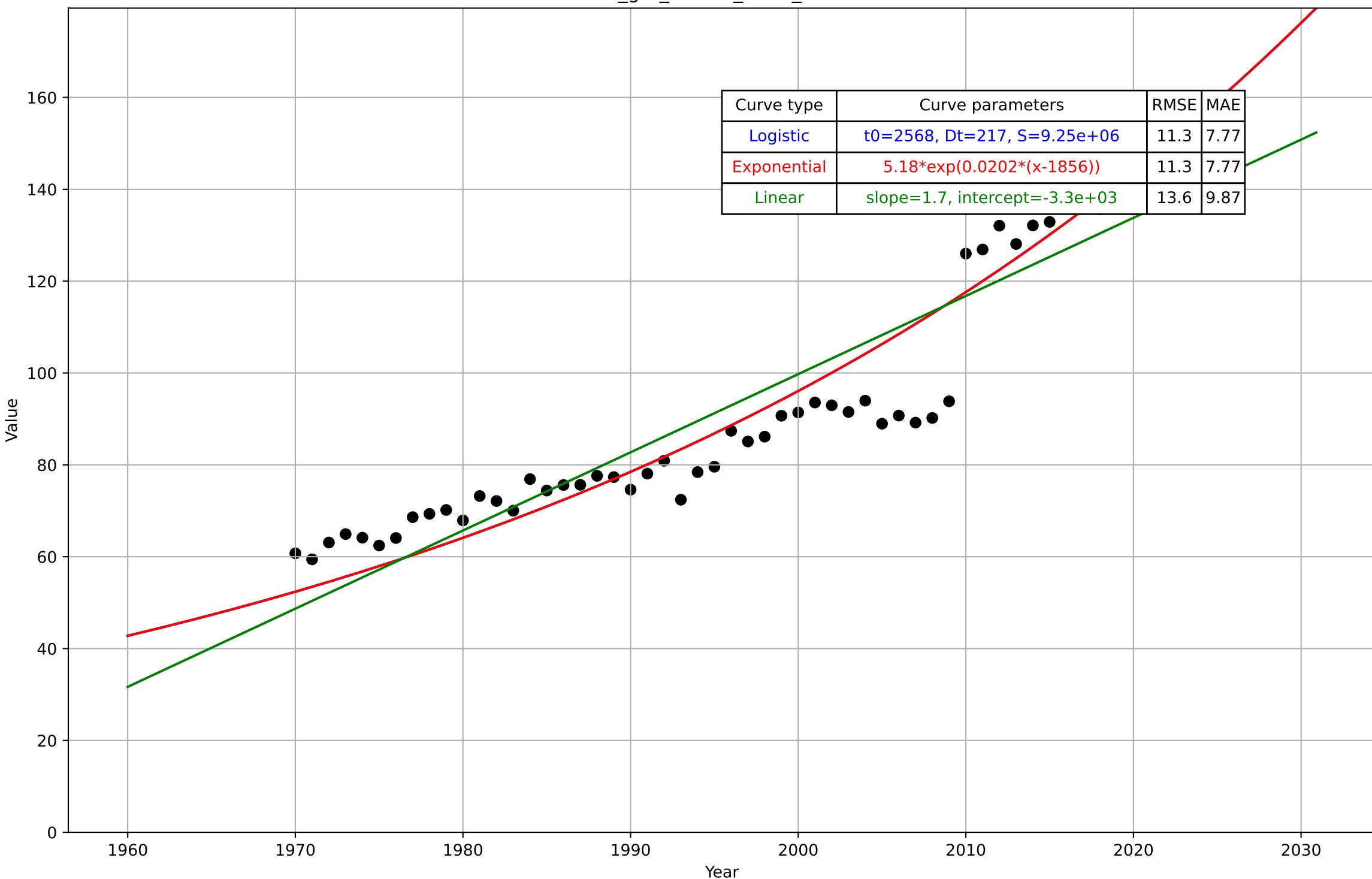
Eating less meat
Germany
1.1
per capita sheep & goat consumption
Kg/yr
Adoption over time
eat_ger_1.1Ado_d171_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1972, Dt=12.6, S=0.902	0.081	0.0653
Exponential	0.414*exp(0.00381*(x-1808))	0.143	0.115
Linear	slope=0.00362, intercept=-6.37	0.141	0.115

Value
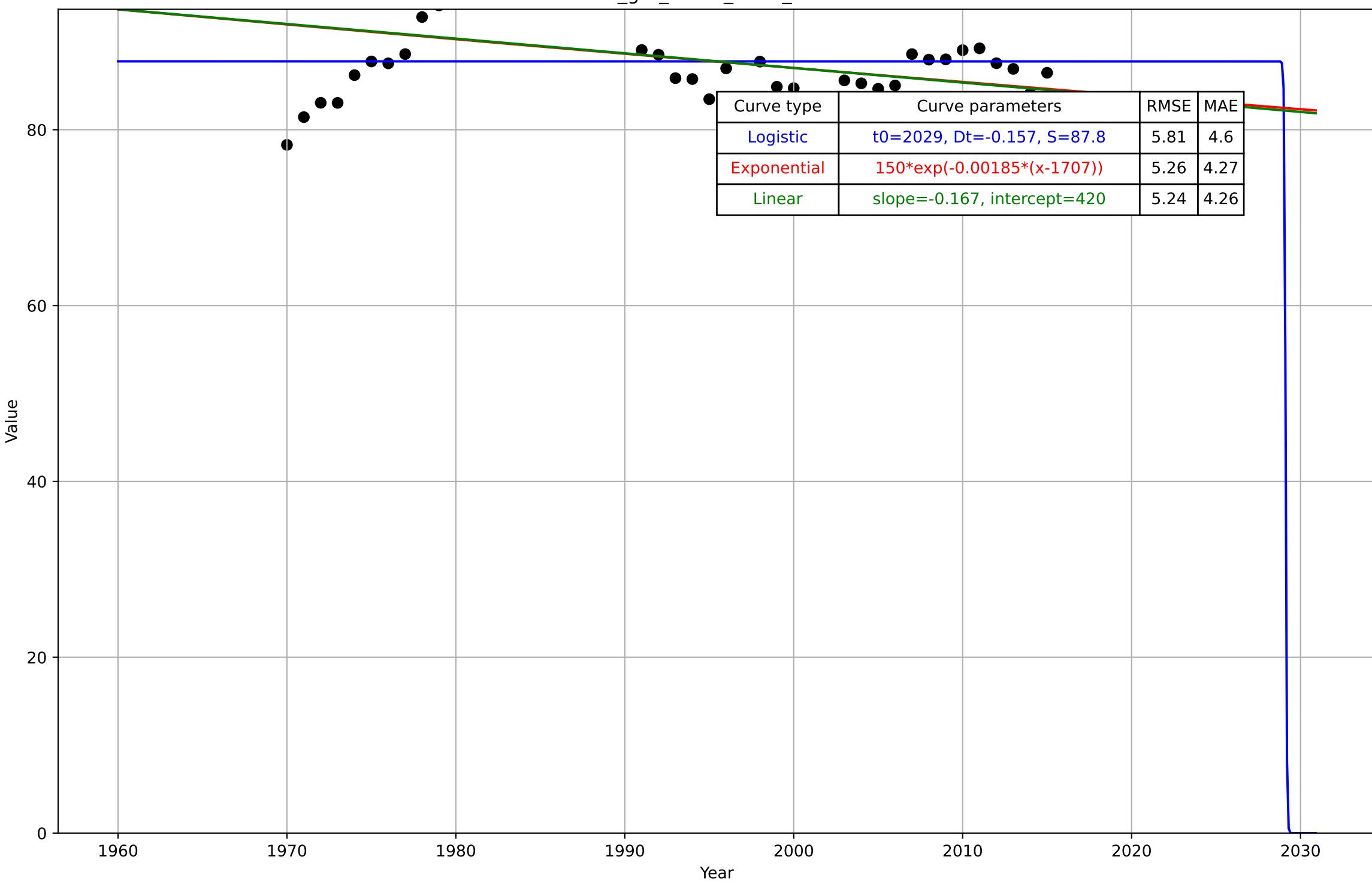
Year

Eating less meat
Germany
1.1
per capita total meat consumption
kg/yr
Adoption over time
eat_ger_1.1Ado_d172_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2029, Dt=-0.162, S=87.8	5.81	4.6
Exponential	150*exp(-0.00185*(x-1705))	5.26	4.27
Linear	slope=-0.167, intercept=420	5.24	4.26
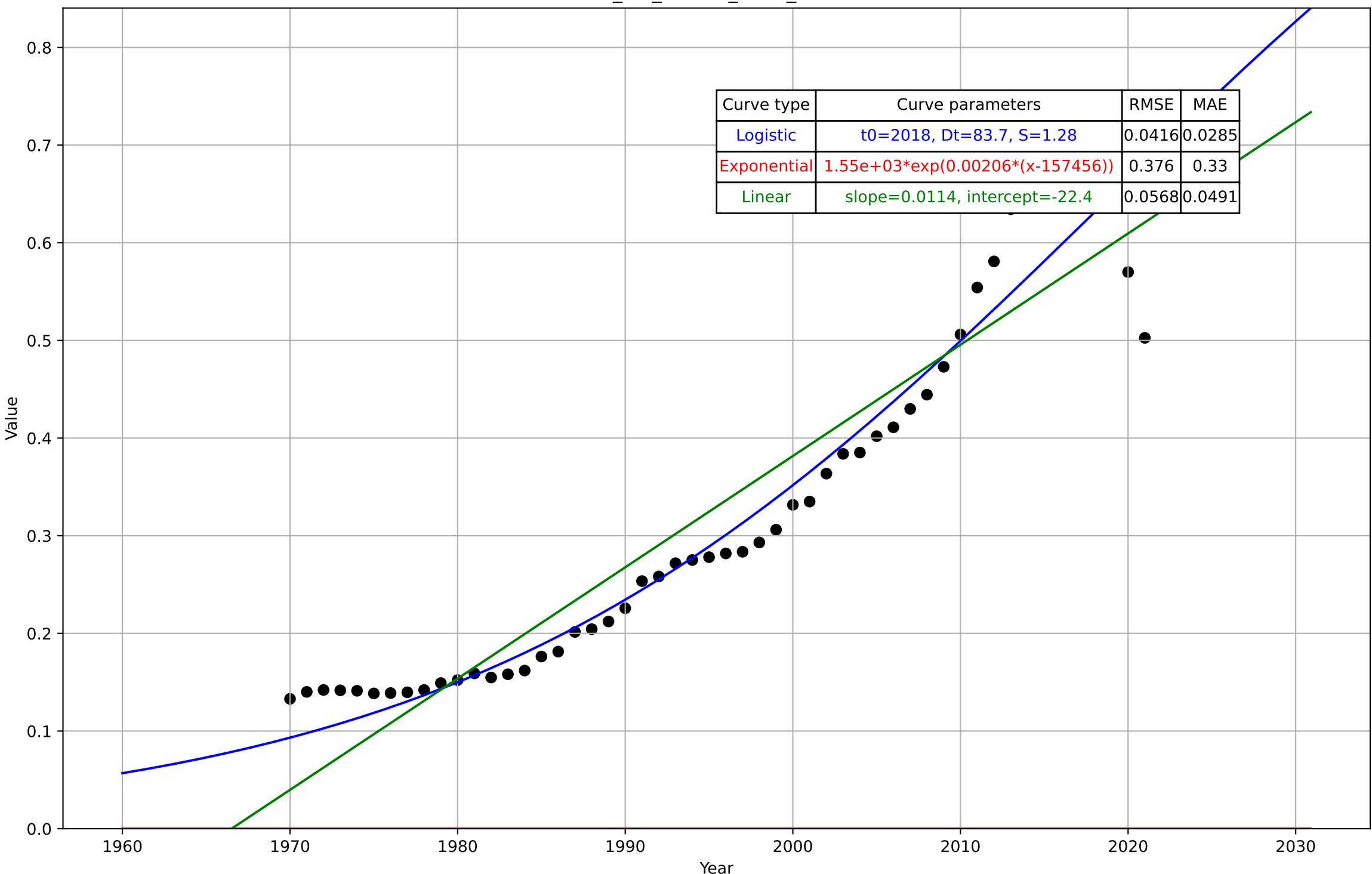
Eating less meat
Germany
2.4
Vegetable consumption per capita
Kg/year
Ease of Use
eat_ger_2.4Eas_d208_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2568, Dt=217, S=9.25e+06	11.3	7.77
Exponential	5.18*exp(0.0202*(x-1856))	11.3	7.77
Linear	slope=1.7, intercept=-3.3e+03	13.6	9.87

Eating less meat
Germany
4.5
Meat supply/person
Kg/year
Physical Infrastructure Dependence
eat_ger_4.5Inf_d124_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2029, Dt=-0.157, S=87.8	5.81	4.6
Exponential	150*exp(-0.00185*(x-1707))	5.26	4.27
Linear	slope=-0.167, intercept=420	5.24	4.26

Eating less meat
India
1.1
% poultry+pig in total meat consumption
% kg/yr
Adoption over time
eat_ind_1.1Ado_d037_m032
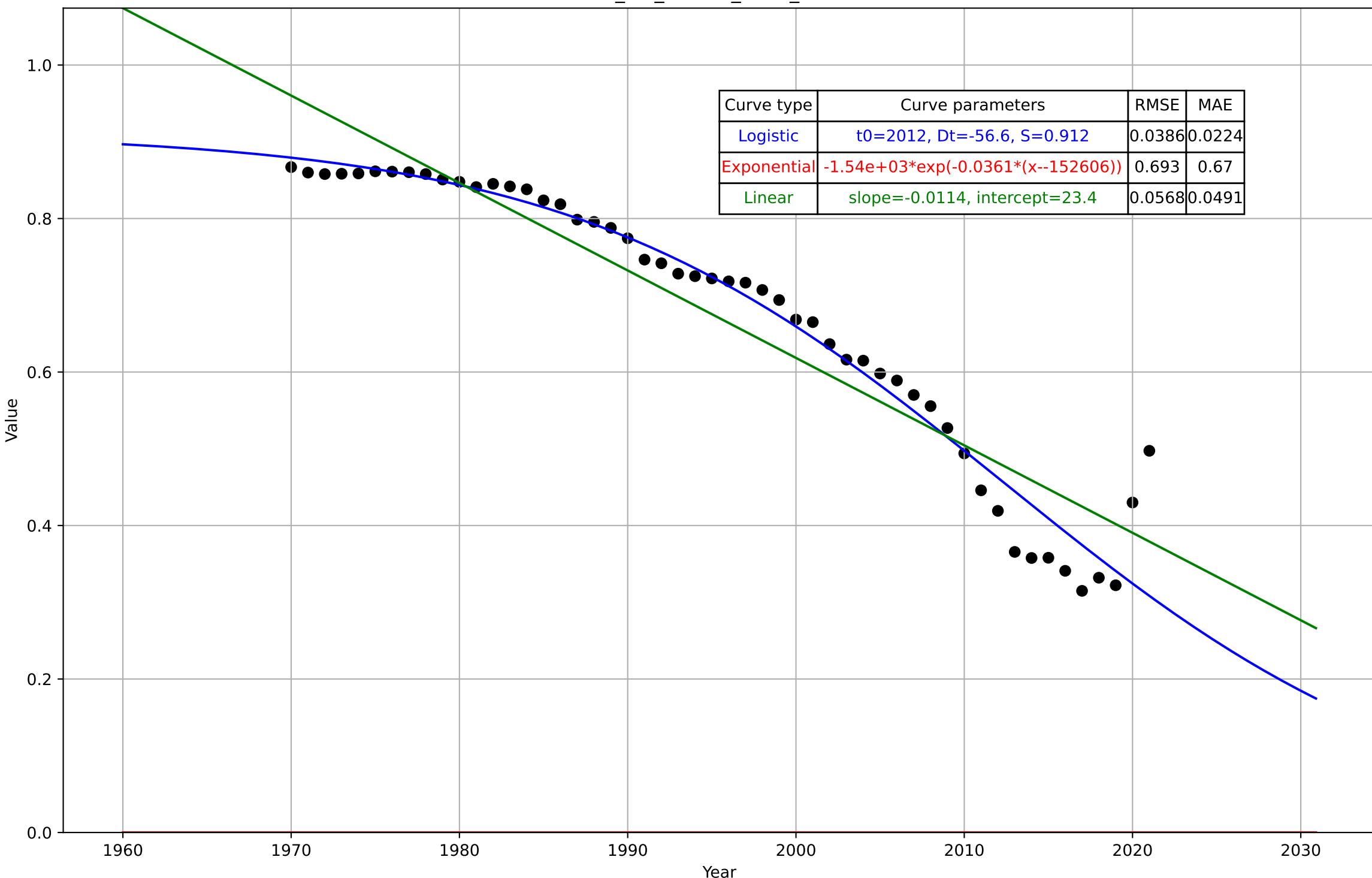
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=83.7, S=1.28	0.0416	0.0285
Exponential	1.55e+03*exp(0.00206*(x-157456))	0.376	0.33
Linear	slope=0.0114, intercept=-22.4	0.0568	0.0491

Eating less meat
India
1.1
% red in total meat consumption
% kg/yr
Adoption over time
eat_ind_1.1Ado_d038_m032

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=-56.6, S=0.912	0.0386	0.0224
Exponential	-1.54e+03*exp(-0.0361*(x--152606))	0.693	0.67
Linear	slope=-0.0114, intercept=23.4	0.0568	0.0491
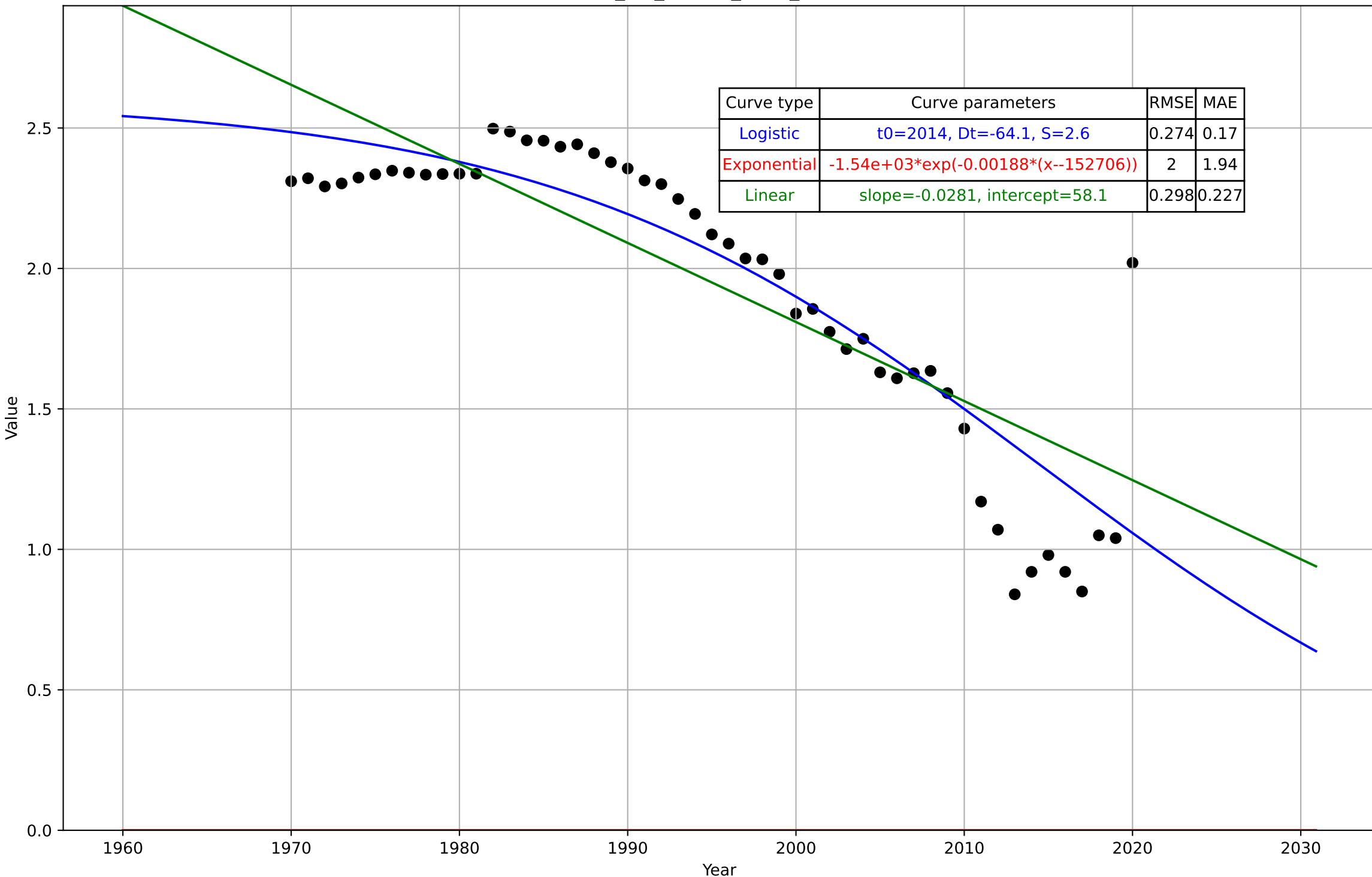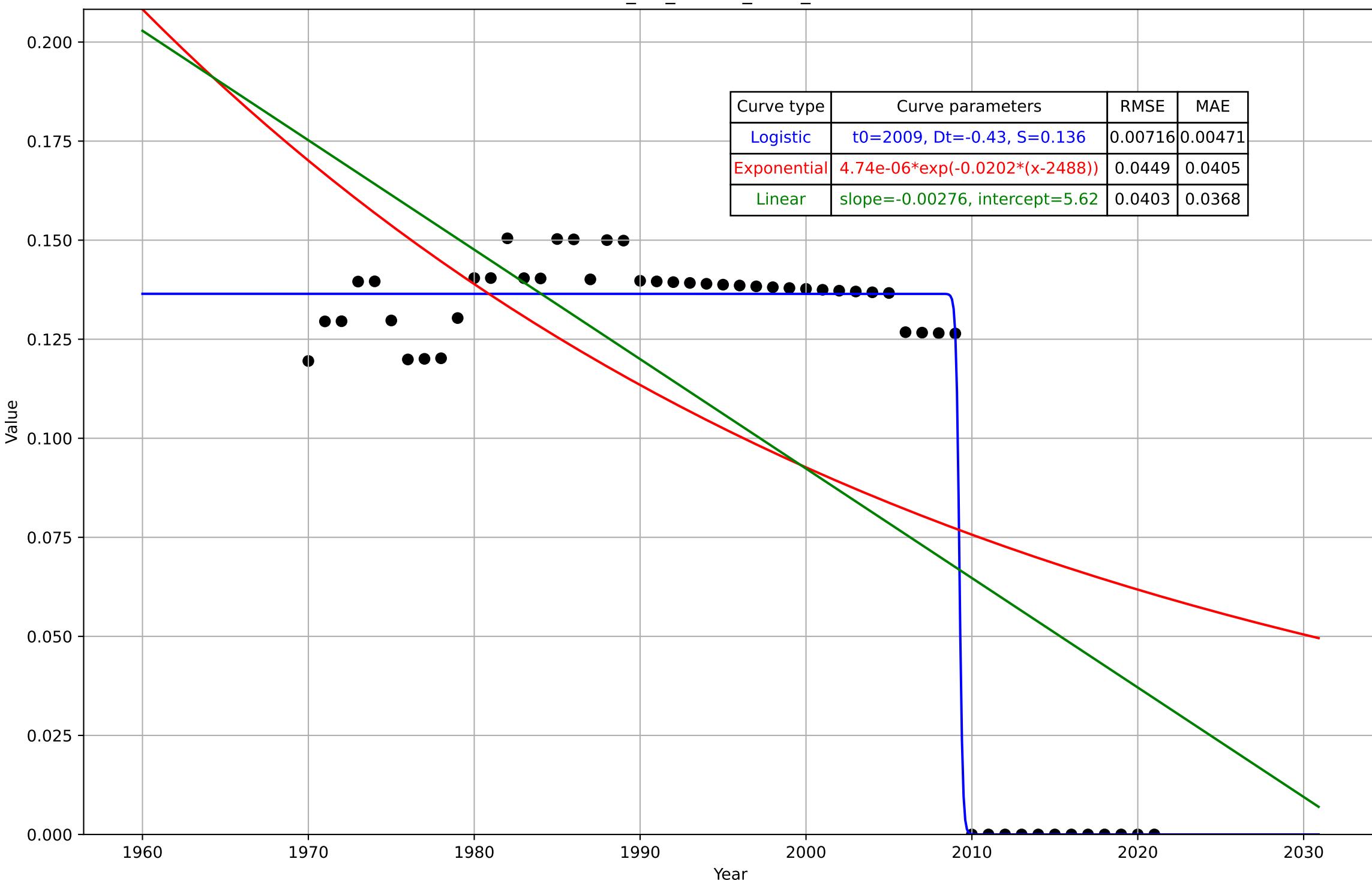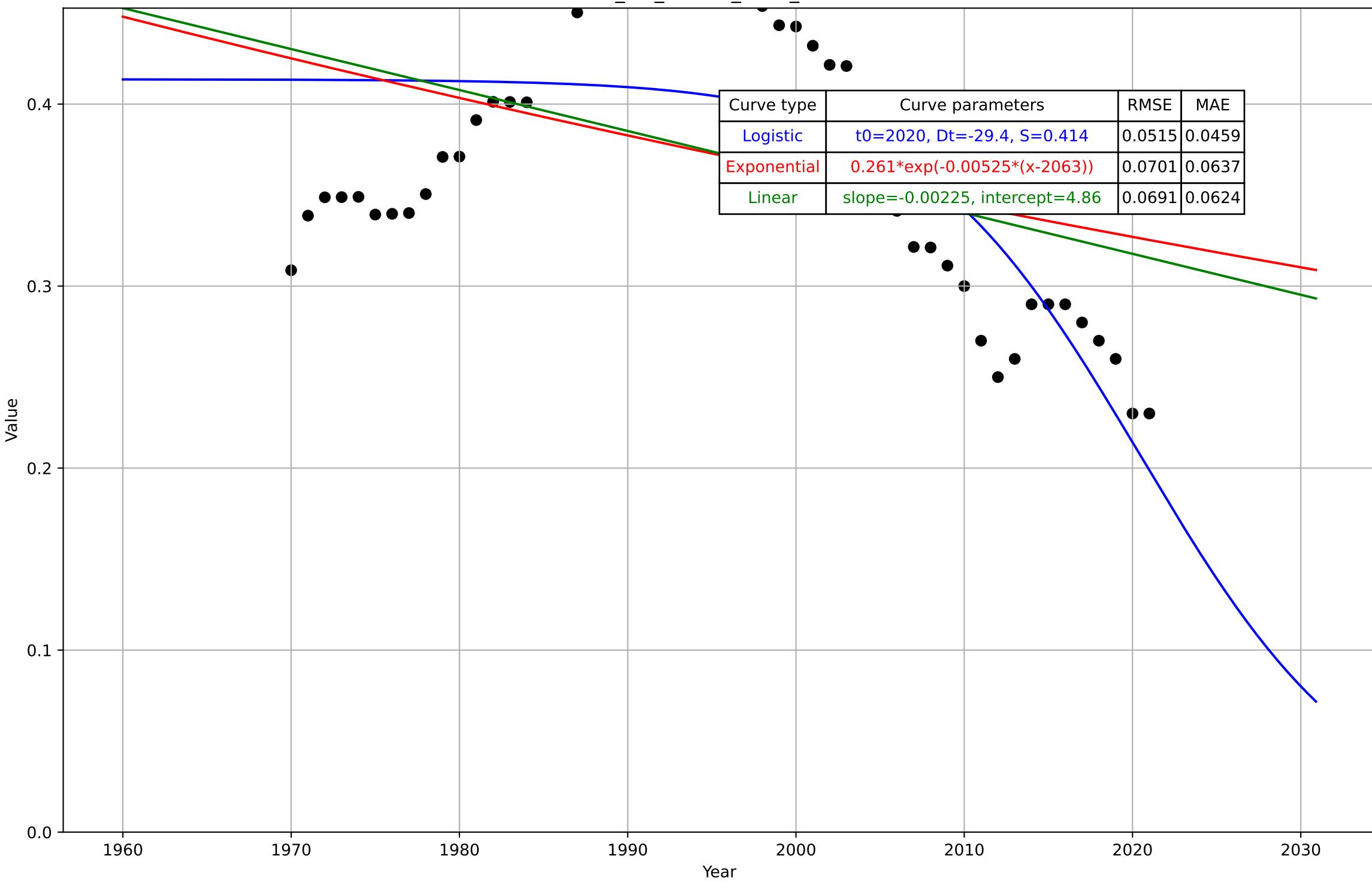
Eating less meat
India
1.1
per capita beef consumption
Kg/yr
Adoption over time
eat_ind_1.1Ado_d167_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=-64.1, S=2.6	0.274	0.17
Exponential	-1.54e+03*exp(-0.00188*(x--152706))	2	1.94
Linear	slope=-0.0281, intercept=58.1	0.298	0.227
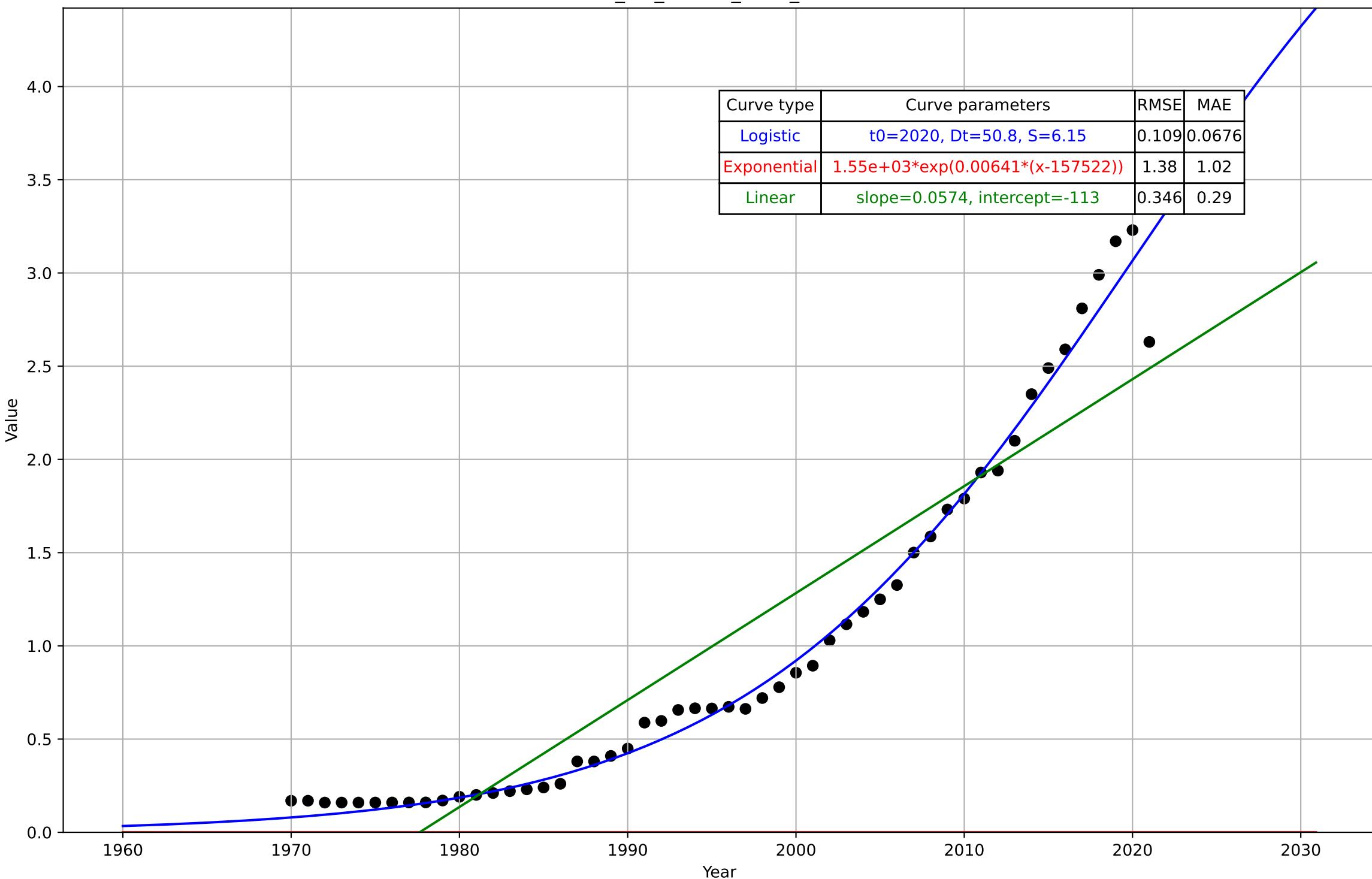
Eating less meat
India
1.1
per capita other meat consumption
kg/yr
Adoption over time
eat_ind_1.1Ado_d168_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=-0.43, S=0.136	0.00716	0.00471
Exponential	4.74e-06*exp(-0.0202*(x-2488))	0.0449	0.0405
Linear	slope=-0.00276, intercept=5.62	0.0403	0.0368
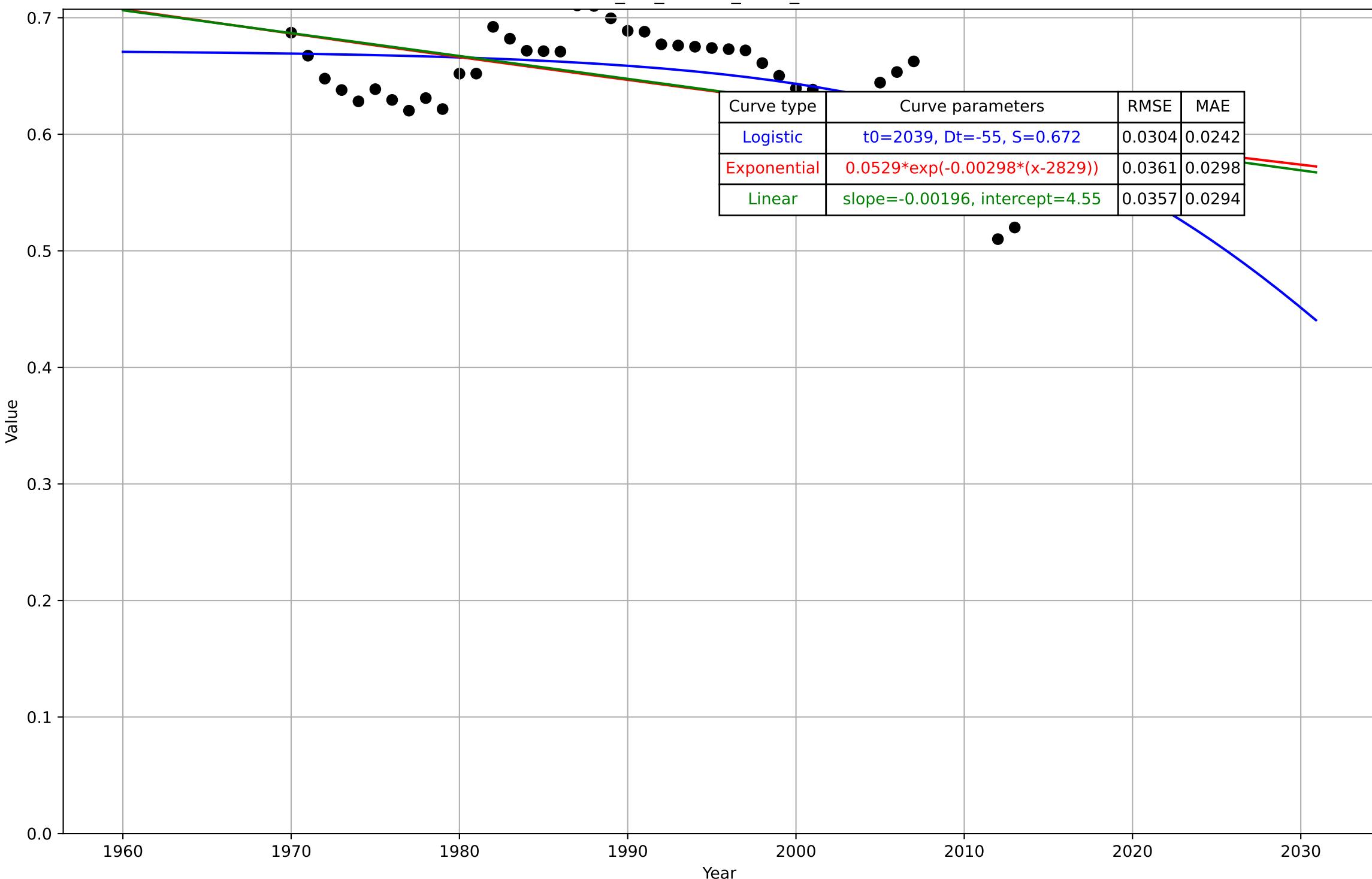
Eating less meat
India
1.1
per capita pig consumption
Kg/yr
Adoption over time
eat_ind_1.1Ado_d169_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-29.4, S=0.414	0.0515	0.0459
Exponential	0.261*exp(-0.00525*(x-2063))	0.0701	0.0637
Linear	slope=-0.00225, intercept=4.86	0.0691	0.0624
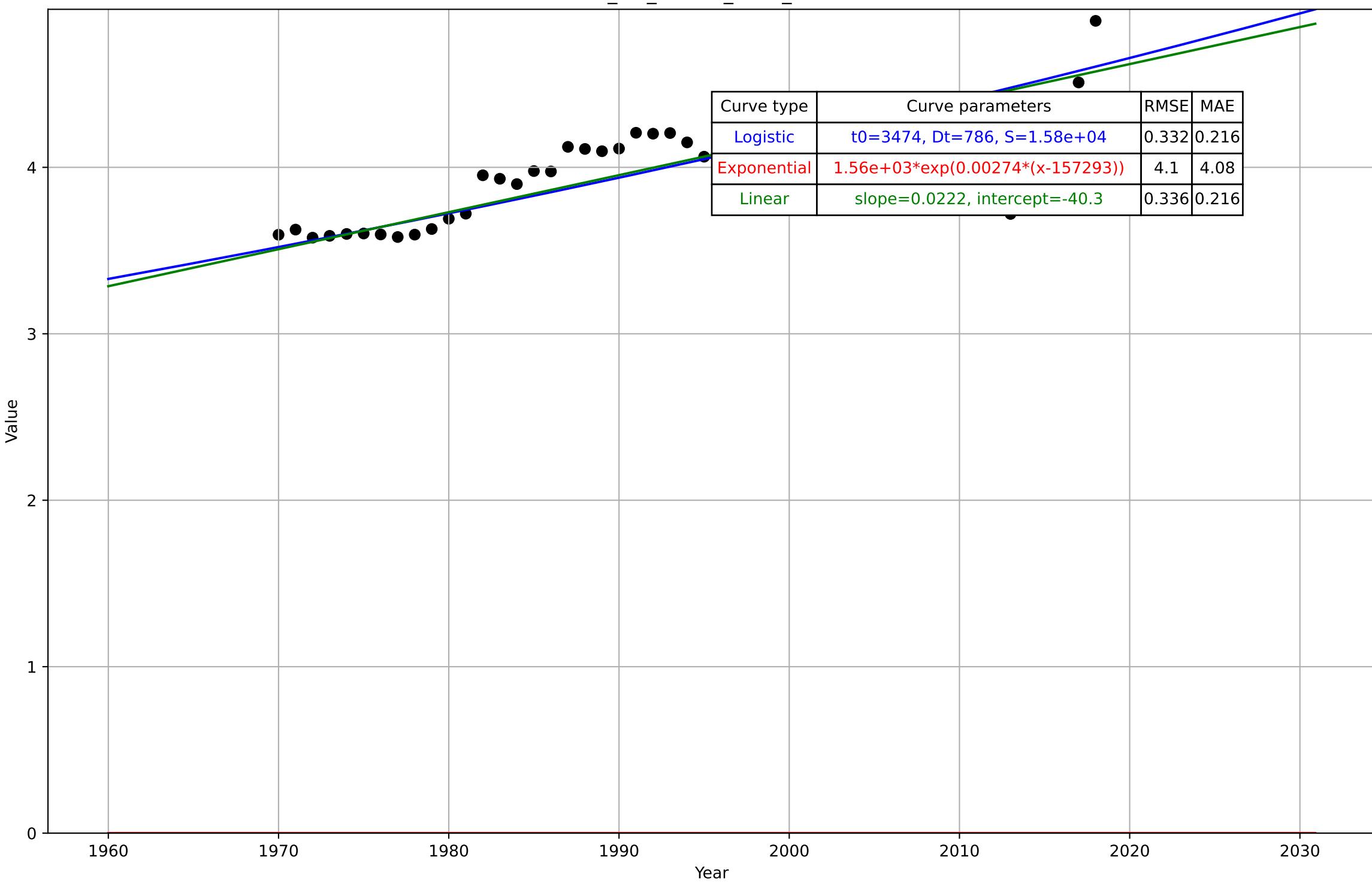
Eating less meat
India
1.1
per capita poultry consumption
kg/yr
Adoption over time
eat_ind_1.1Ado_d170_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=50.8, S=6.15	0.109	0.0676
Exponential	1.55e+03*exp(0.00641*(x-157522))	1.38	1.02
Linear	slope=0.0574, intercept=-113	0.346	0.29

Eating less meat
India
1.1
per capita sheep & goat consumption
Kg/yr
Adoption over time
eat_ind_1.1Ado_d171_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2039, Dt=-55, S=0.672	0.0304	0.0242
Exponential	0.0529*exp(-0.00298*(x-2829))	0.0361	0.0298
Linear	slope=-0.00196, intercept=4.55	0.0357	0.0294

Eating less meat
India
1.1
per capita total meat consumption
kg/yr
Adoption over time
eat_ind_1.1Ado_d172_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3474, Dt=786, S=1.58e+04	0.332	0.216
Exponential	1.56e+03*exp(0.00274*(x-157293))	4.1	4.08
Linear	slope=0.0222, intercept=-40.3	0.336	0.216
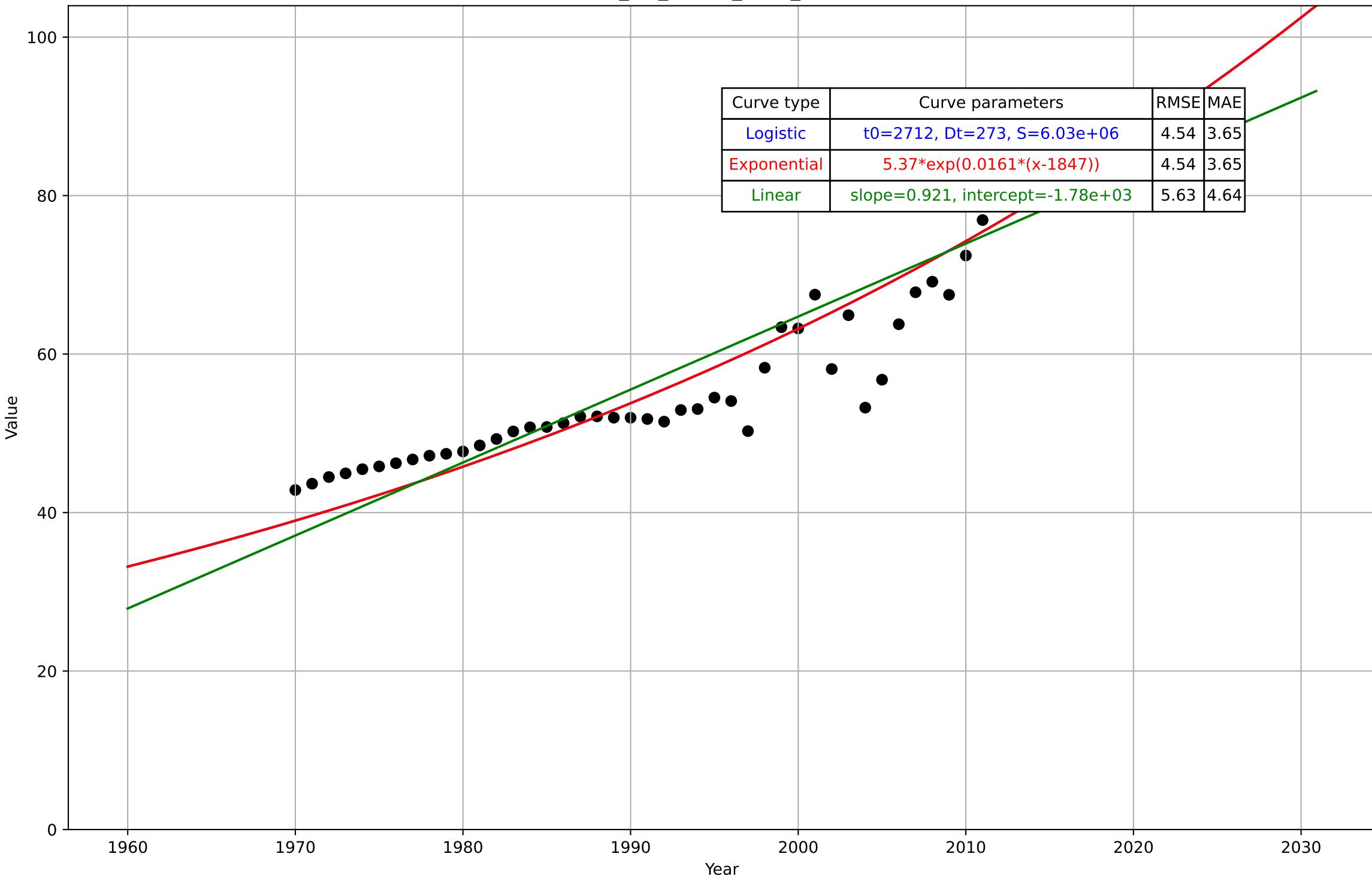
Eating less meat
India
2.4
Vegetable consumption per capita
Kg/year
Ease of Use
eat_ind_2.4Eas_d208_m114
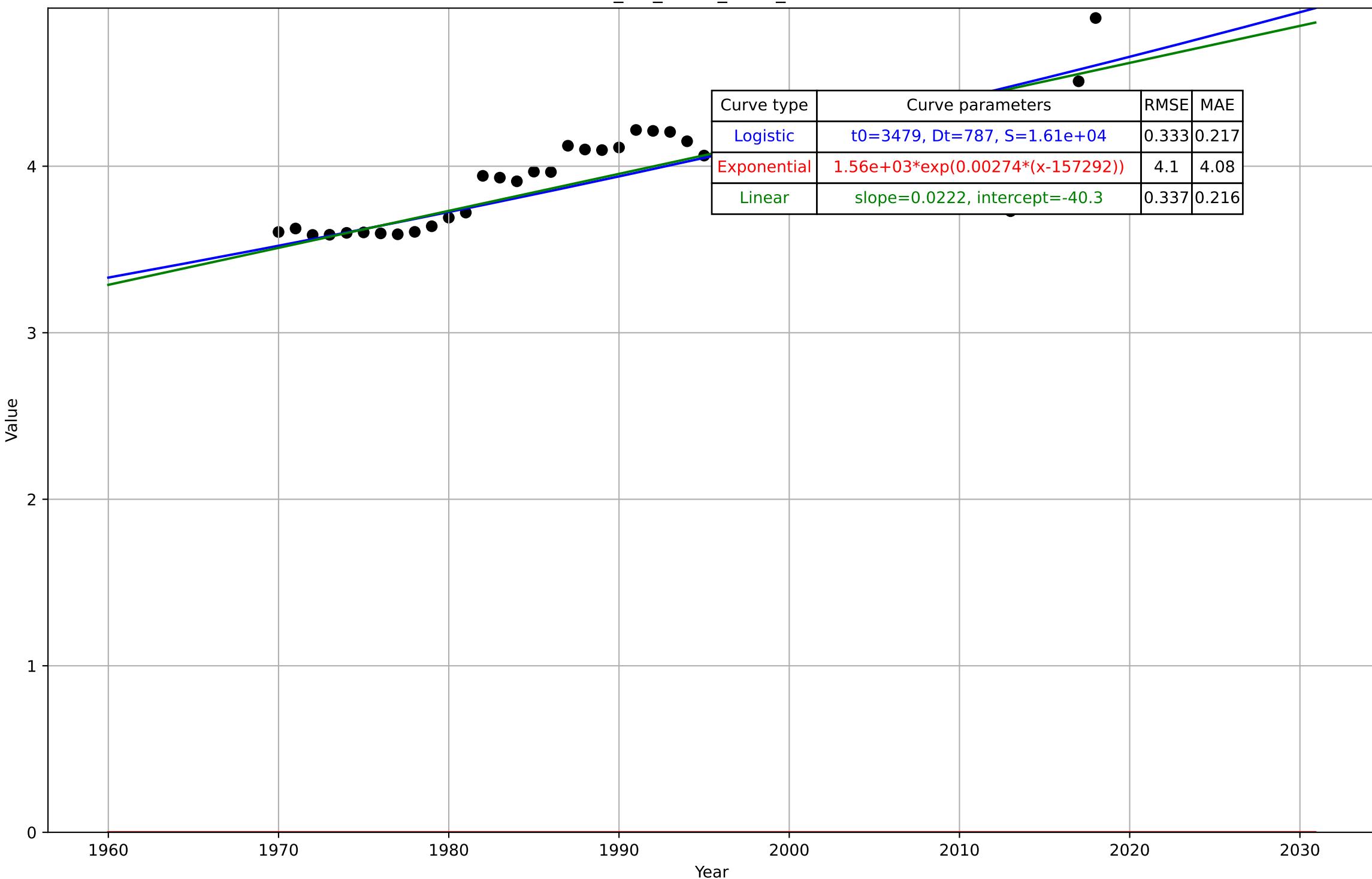
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2712, Dt=273, S=6.03e+06	4.54	3.65
Exponential	5.37*exp(0.0161*(x-1847))	4.54	3.65
Linear	slope=0.921, intercept=-1.78e+03	5.63	4.64
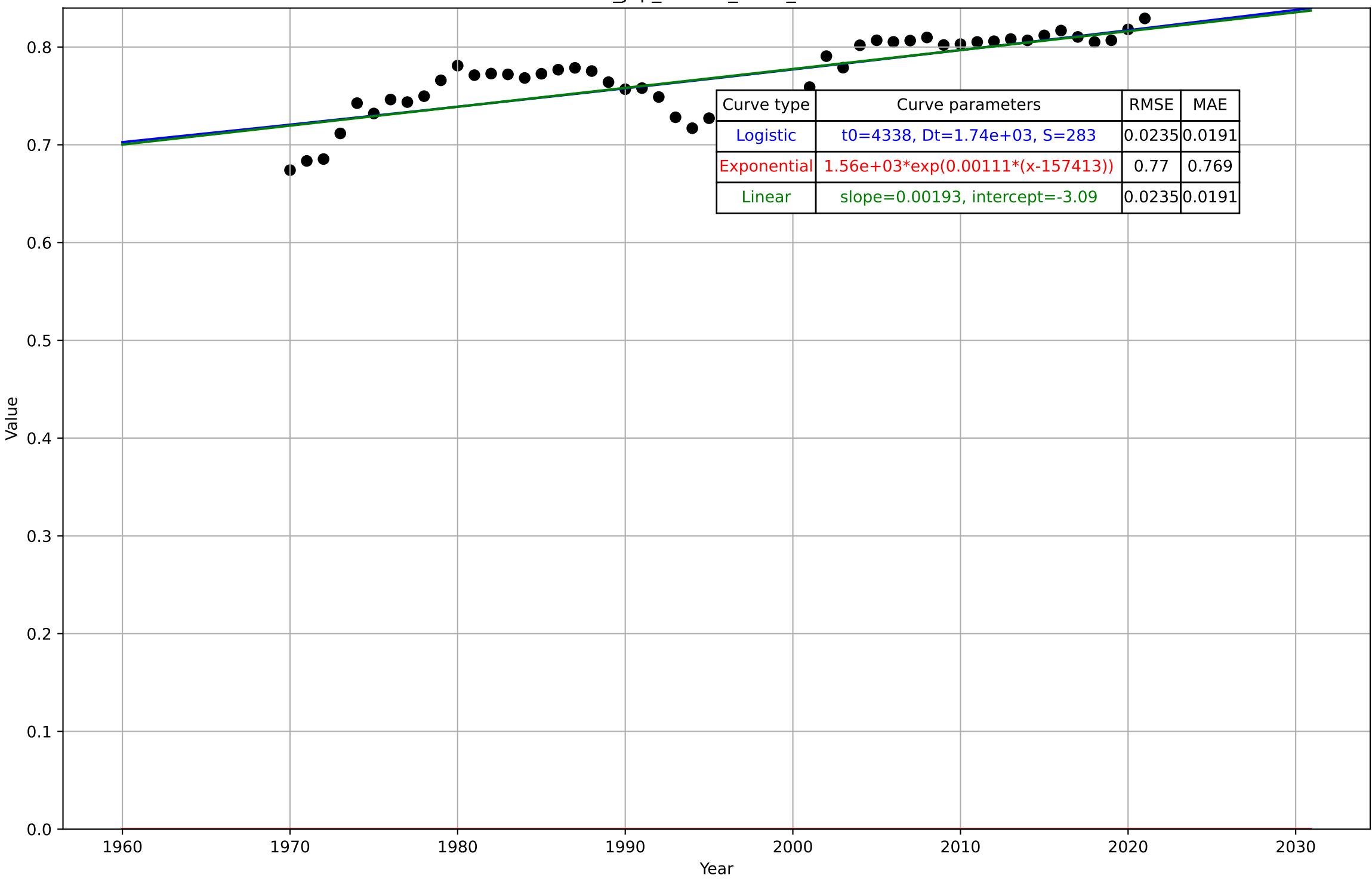
Eating less meat
India
4.5
Meat supply/person
Kg/year
Physical Infrastructure Dependence
eat_ind_4.5Inf_d124_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3479, Dt=787, S=1.61e+04	0.333	0.217
Exponential	1.56e+03*exp(0.00274*(x-157292))	4.1	4.08
Linear	slope=0.0222, intercept=-40.3	0.337	0.216

Eating less meat
Japan
1.1
% poultry+pig in total meat consumption
% kg/yr
Adoption over time
eat_jap_1.1Ado_d037_m032
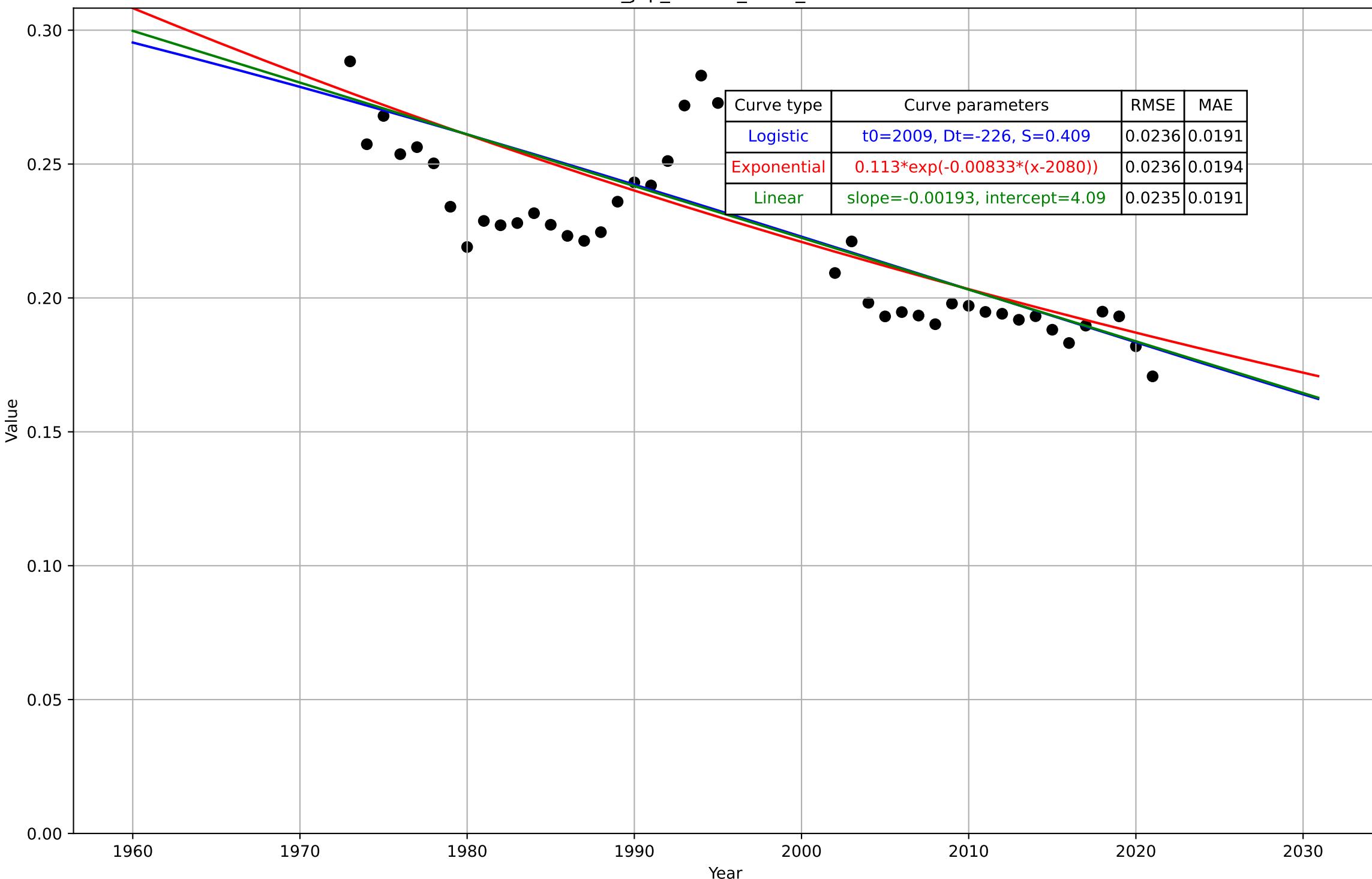
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=4338, Dt=1.74e+03, S=283	0.0235	0.0191
Exponential	1.56e+03*exp(0.00111*(x-157413))	0.77	0.769
Linear	slope=0.00193, intercept=-3.09	0.0235	0.0191

Eating less meat
Japan
1.1
% red in total meat consumption
% kg/yr
Adoption over time
eat_jap_1.1Ado_d038_m032

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=-226, S=0.409	0.0236	0.0191
Exponential	0.113*exp(-0.00833*(x-2080))	0.0236	0.0194
Linear	slope=-0.00193, intercept=4.09	0.0235	0.0191
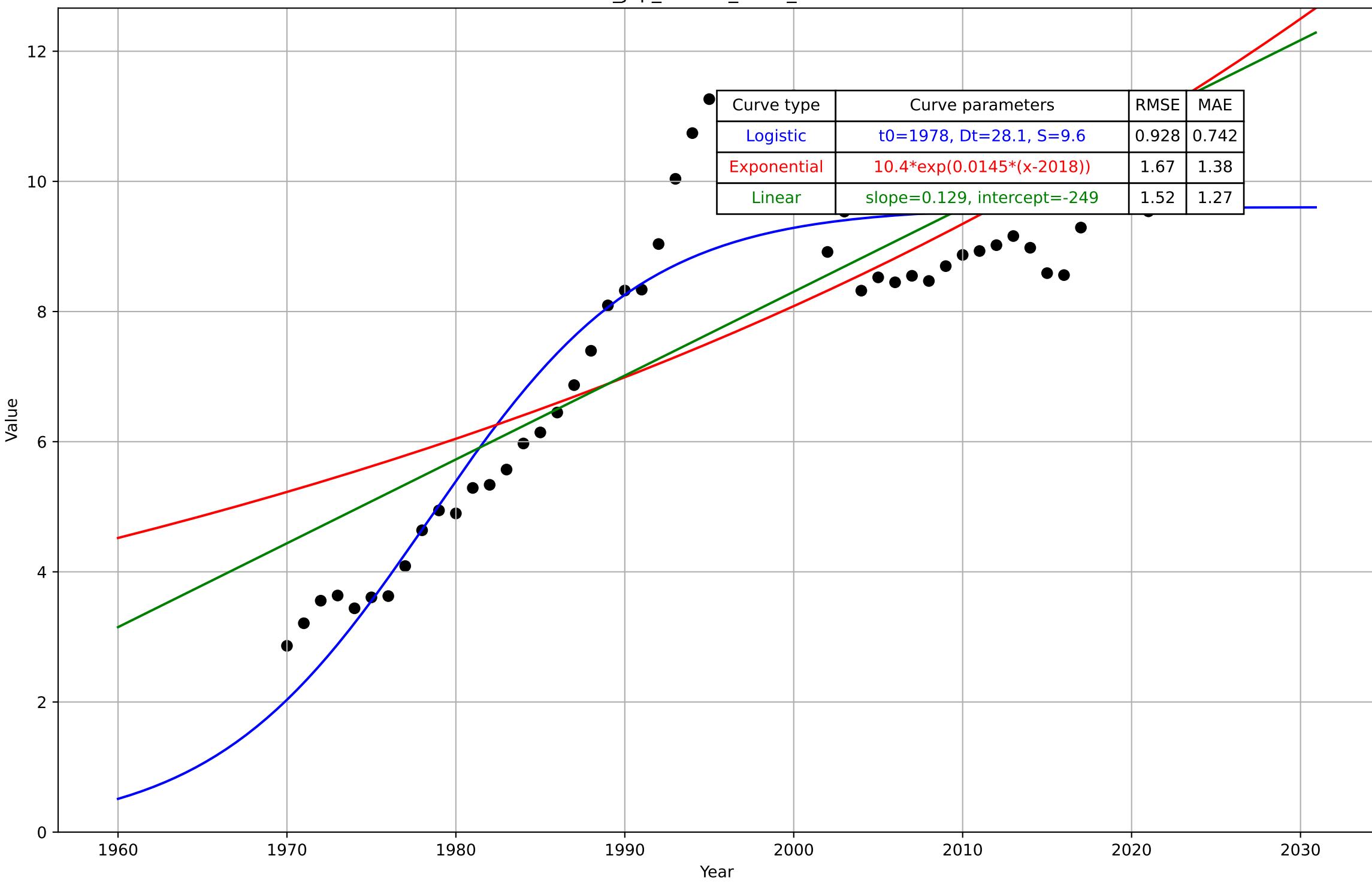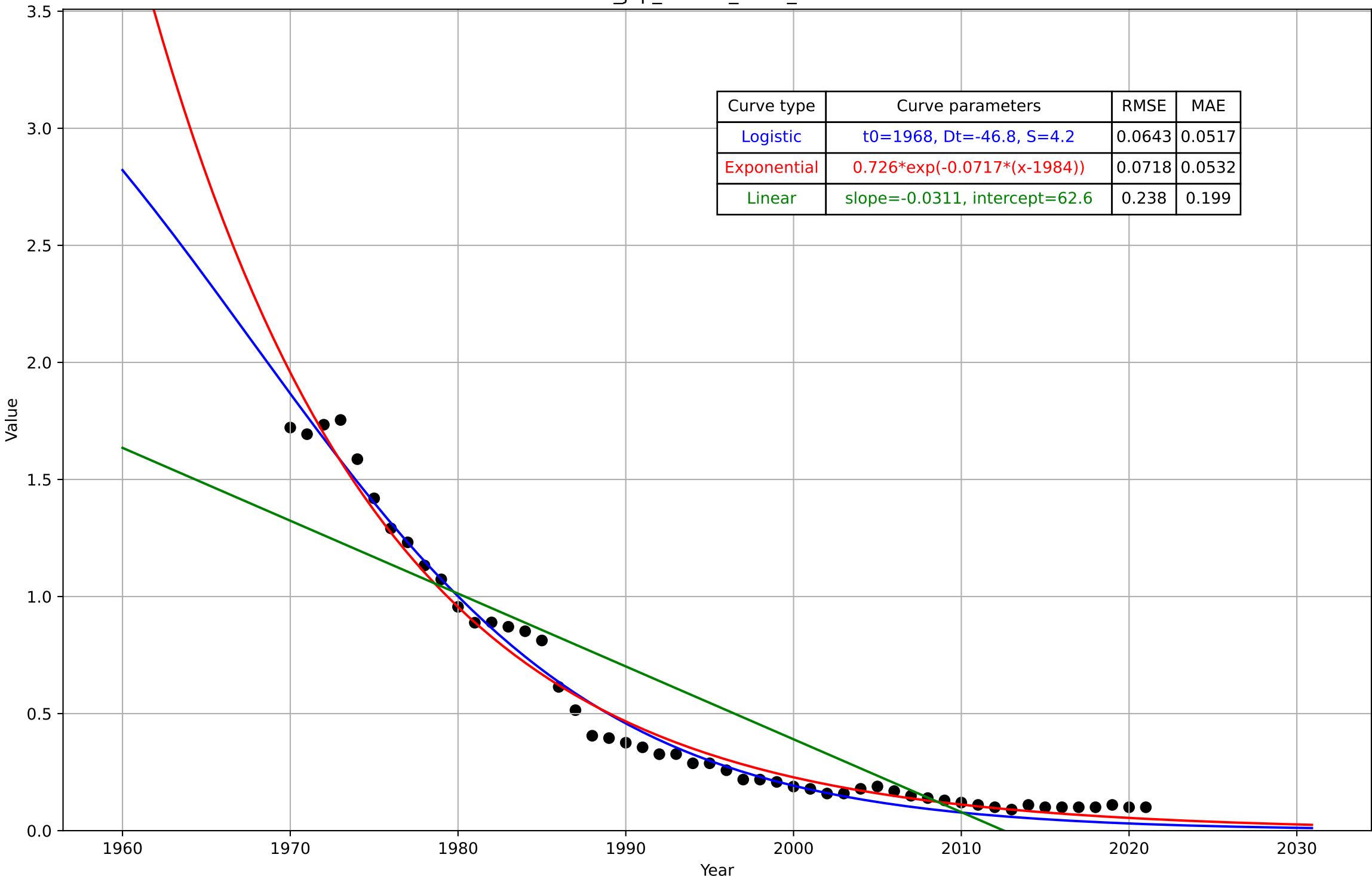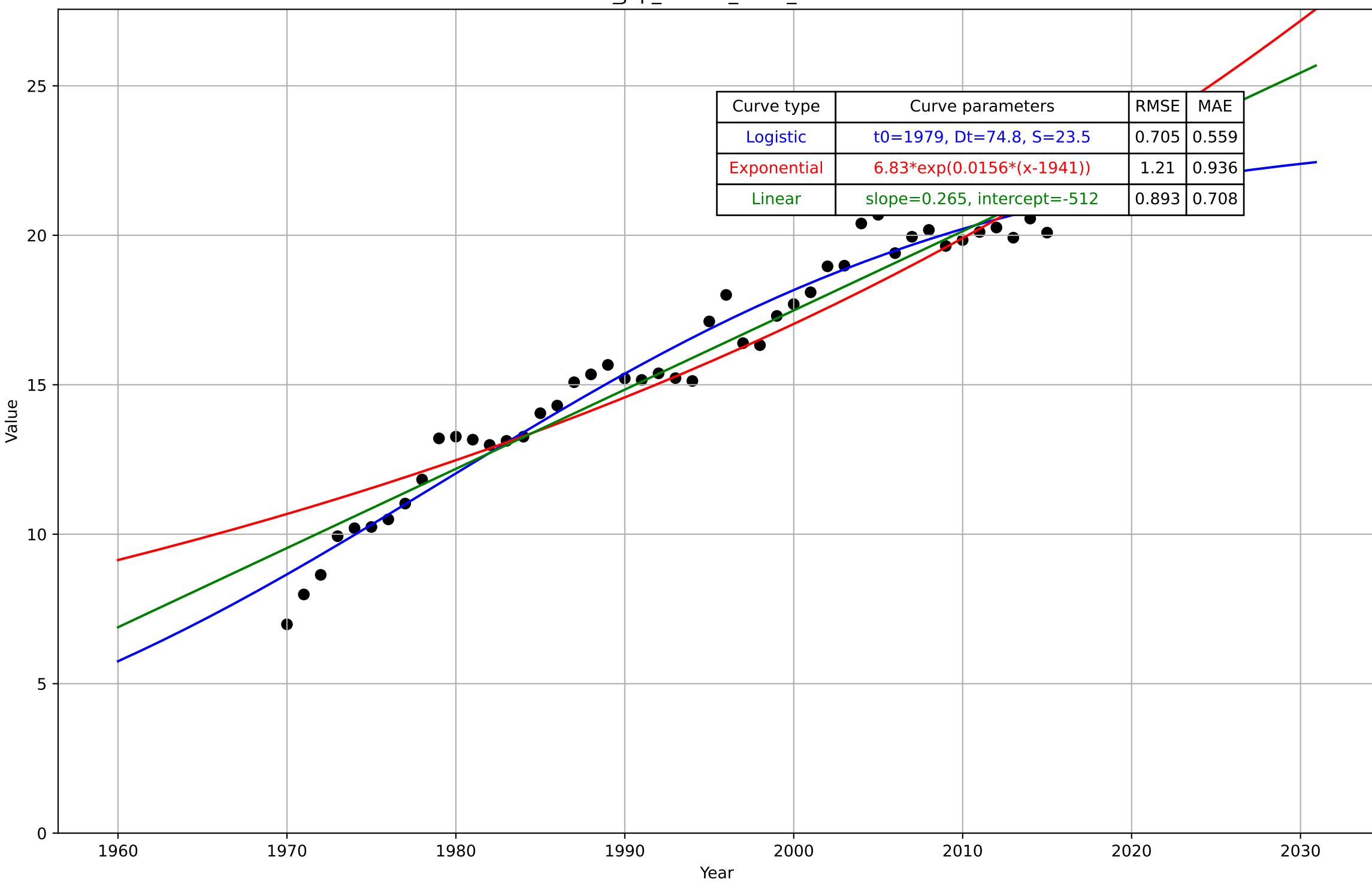
Eating less meat
Japan
1.1
per capita beef consumption
Kg/yr
Adoption over time
eat_jap_1.1Ado_d167_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1978, Dt=28.1, S=9.6	0.928	0.742
Exponential	10.4*exp(0.0145*(x-2018))	1.67	1.38
Linear	slope=0.129, intercept=-249	1.52	1.27
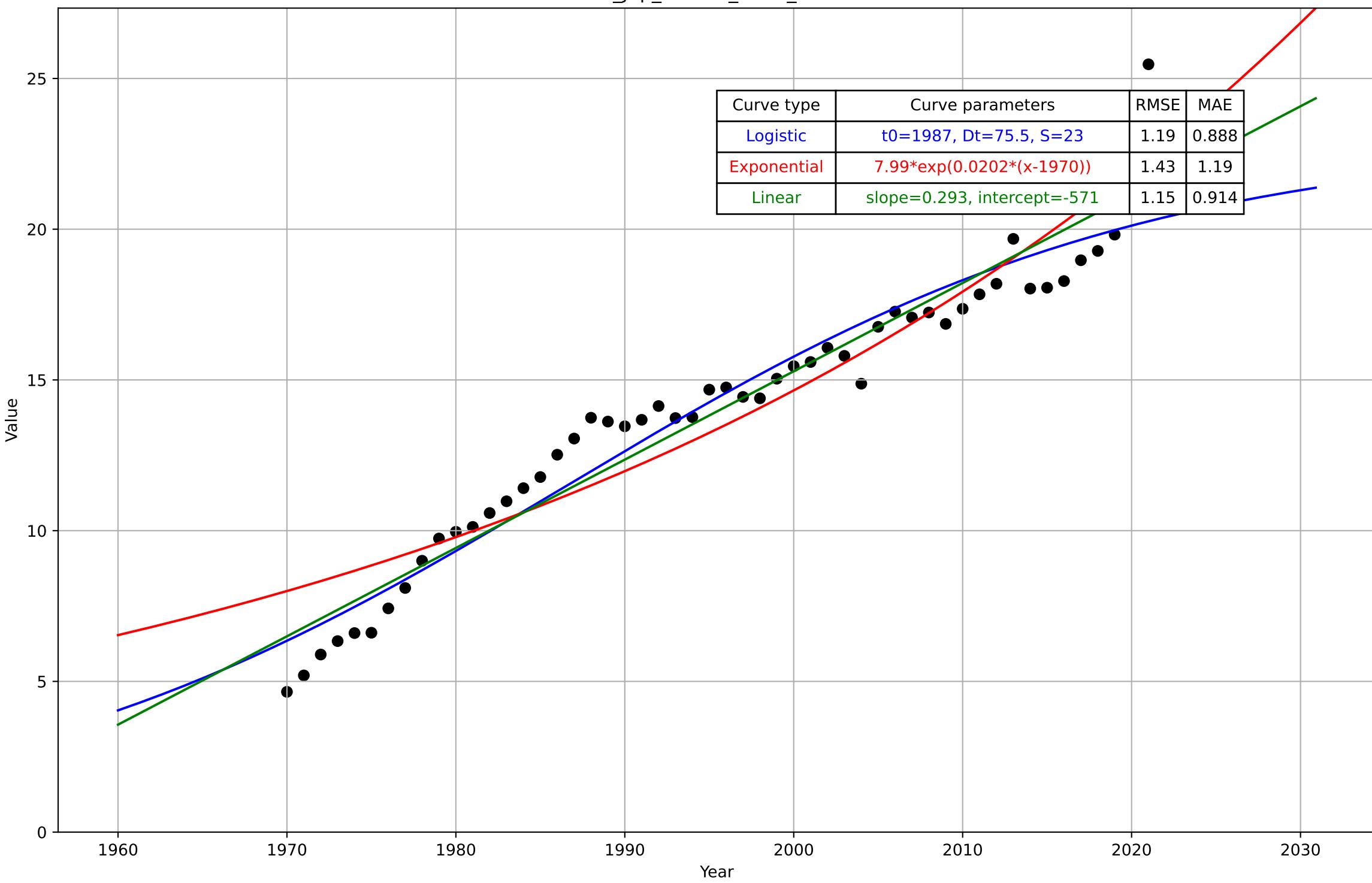
Eating less meat
Japan
1.1
per capita other meat consumption
kg/yr
Adoption over time
eat_jap_1.1Ado_d168_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1968, Dt=-46.8, S=4.2	0.0643	0.0517
Exponential	0.726*exp(-0.0717*(x-1984))	0.0718	0.0532
Linear	slope=-0.0311, intercept=62.6	0.238	0.199
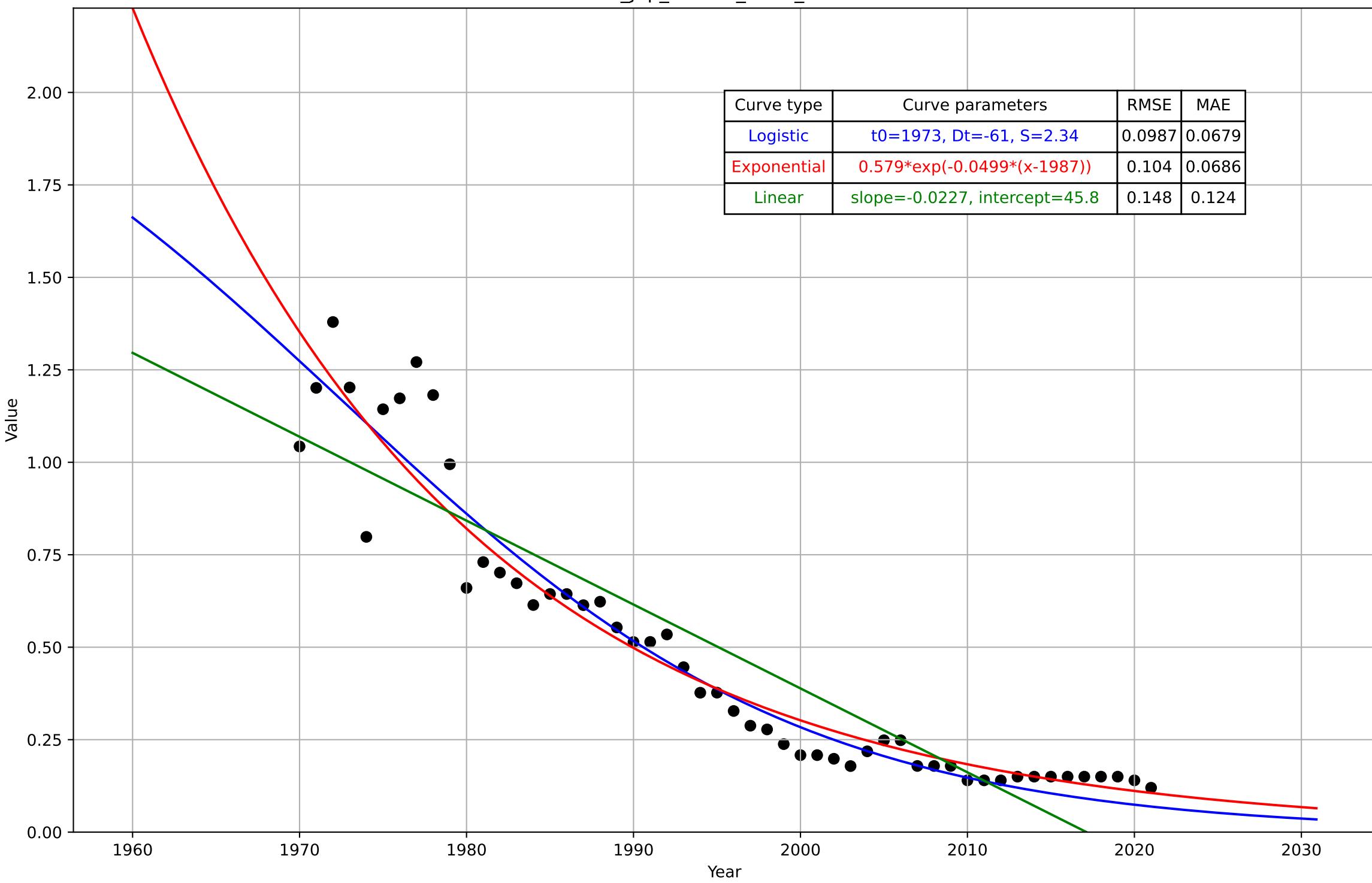
Eating less meat
Japan
1.1
per capita pig consumption
Kg/yr
Adoption over time
eat_jap_1.1Ado_d169_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1979, Dt=74.8, S=23.5	0.705	0.559
Exponential	6.83*exp(0.0156*(x-1941))	1.21	0.936
Linear	slope=0.265, intercept=-512	0.893	0.708
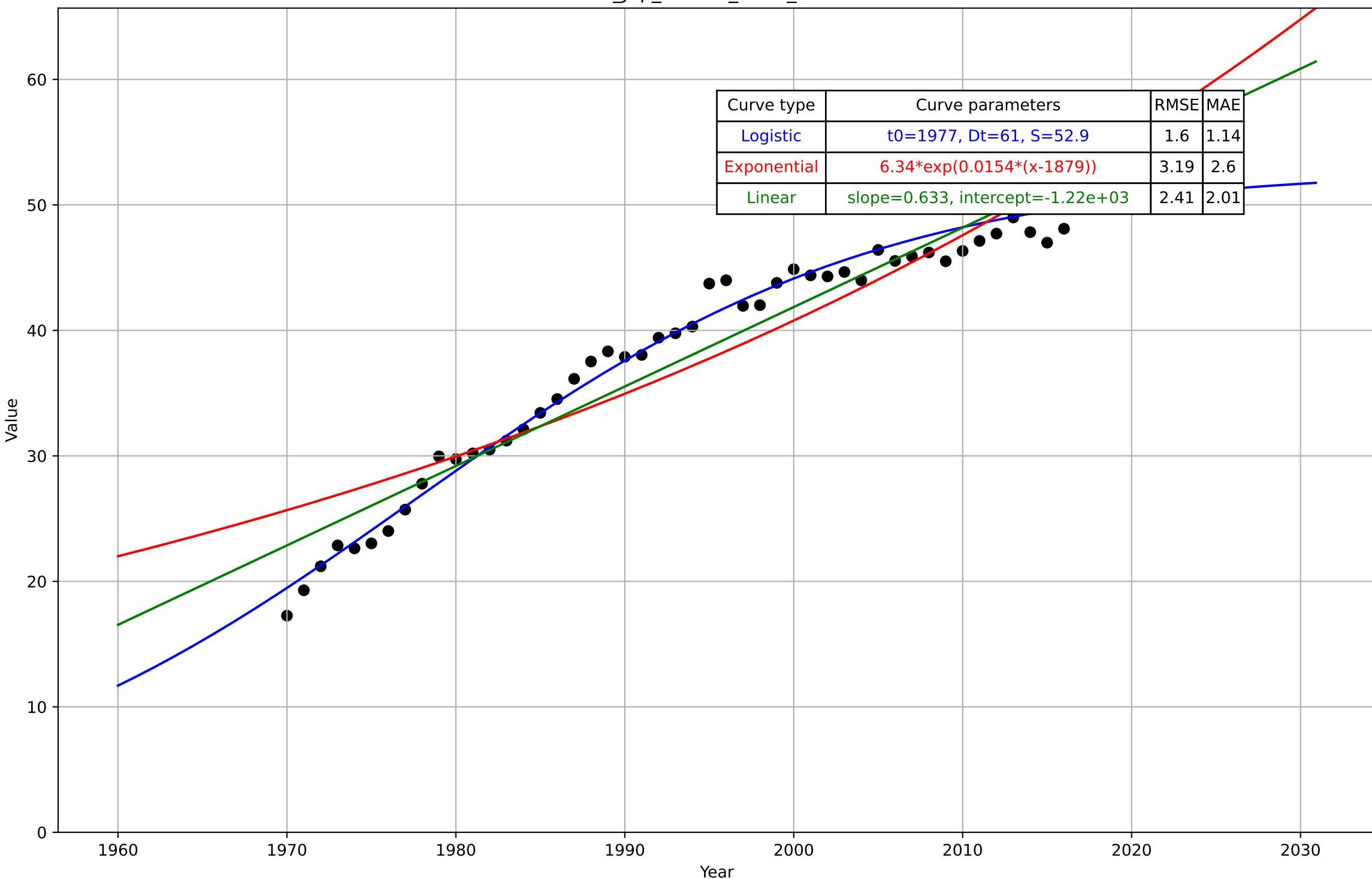
Eating less meat
Japan
1.1
per capita poultry consumption
kg/yr
Adoption over time
eat_jap_1.1Ado_d170_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1987, Dt=75.5, S=23	1.19	0.888
Exponential	7.99*exp(0.0202*(x-1970))	1.43	1.19
Linear	slope=0.293, intercept=-571	1.15	0.914

Eating less meat
Japan
1.1
per capita sheep & goat consumption
Kg/yr
Adoption over time
eat_jap_1.1Ado_d171_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1973, Dt=-61, S=2.34	0.0987	0.0679
Exponential	0.579*exp(-0.0499*(x-1987))	0.104	0.0686
Linear	slope=-0.0227, intercept=45.8	0.148	0.124

Eating less meat
Japan
1.1
per capita total meat consumption
kg/yr
Adoption over time
eat_jap_1.1Ado_d172_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1977, Dt=61, S=52.9	1.6	1.14
Exponential	6.34*exp(0.0154*(x-1879))	3.19	2.6
Linear	slope=0.633, intercept=-1.22e+03	2.41	2.01
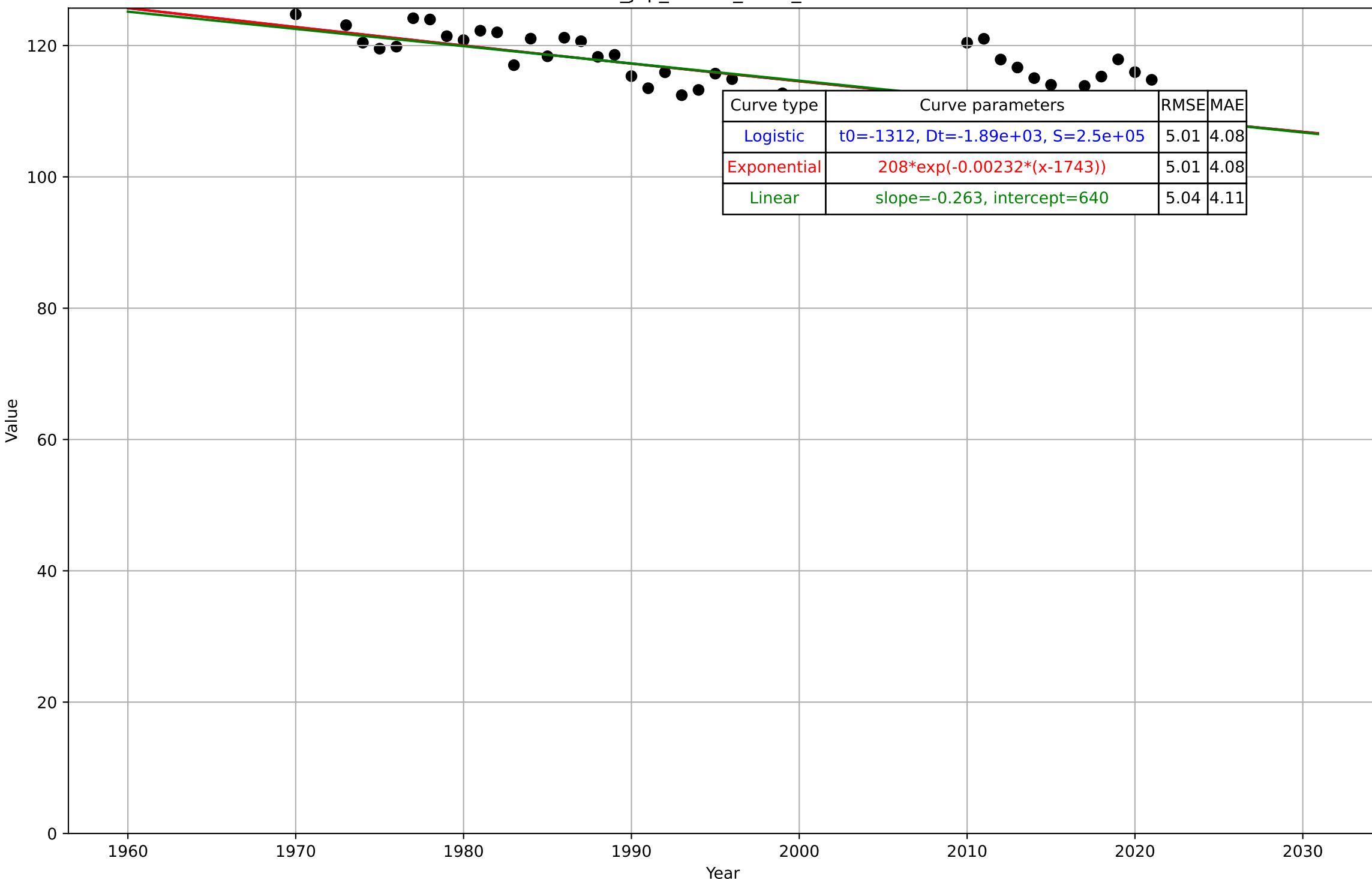
Eating less meat
Japan
2.4
Vegetable consumption per capita
Kg/year
Ease of Use
eat_jap_2.4Eas_d208_m114
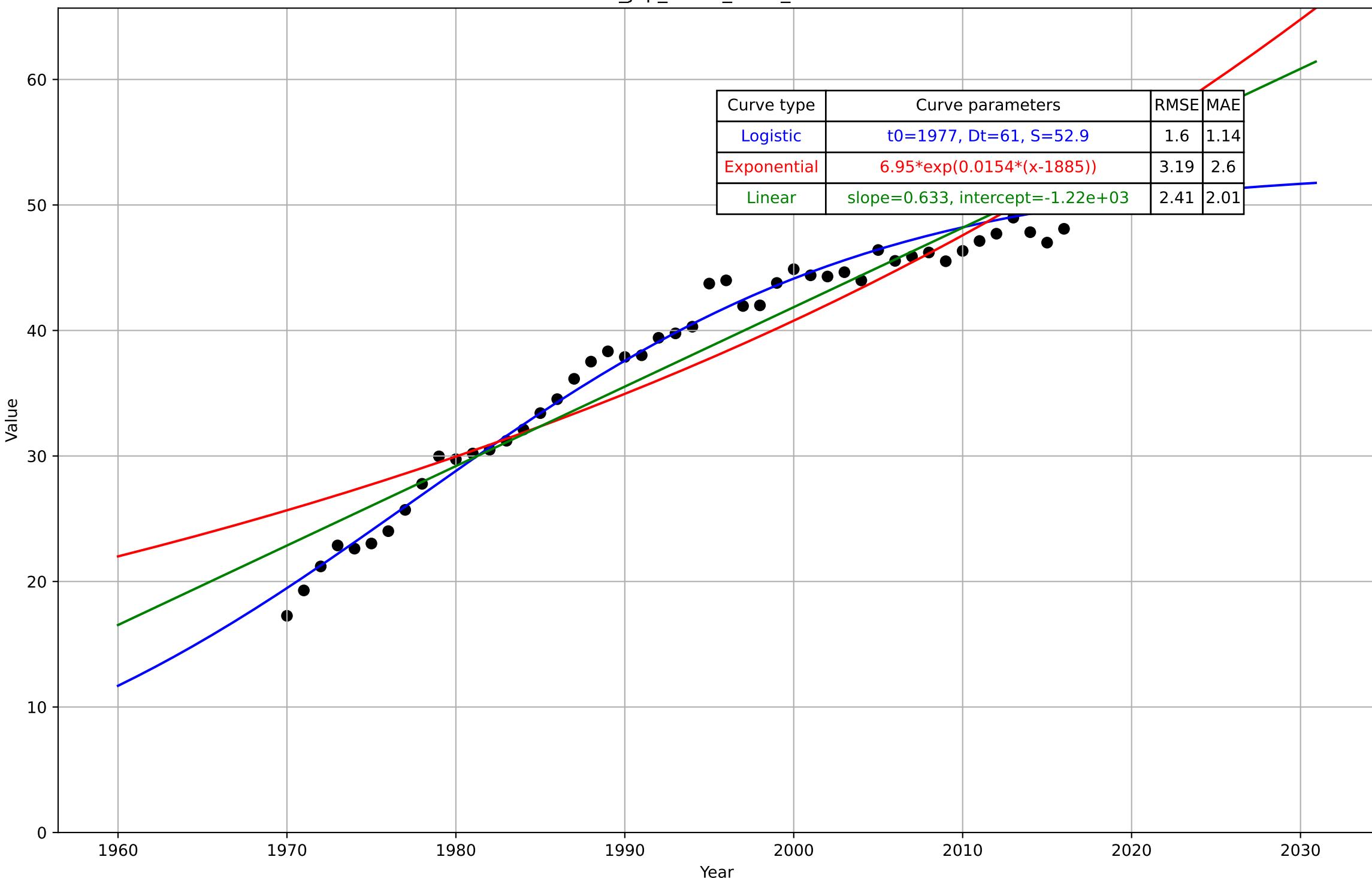
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=-1312, Dt=-1.89e+03, S=2.5e+05	5.01	4.08
Exponential	208*exp(-0.00232*(x-1743))	5.01	4.08
Linear	slope=-0.263, intercept=640	5.04	4.11
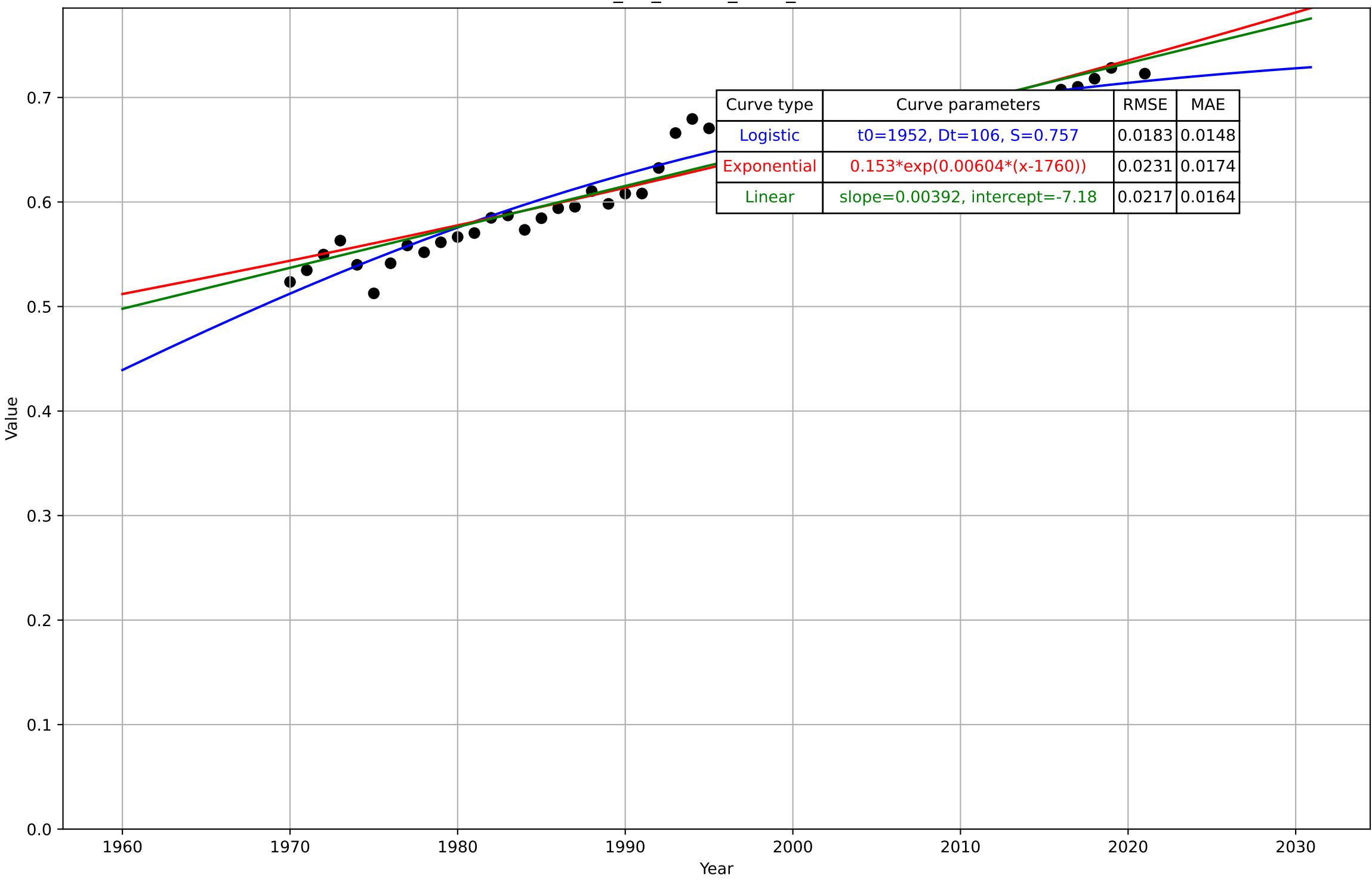
Eating less meat
Japan
4.5
Meat supply/person
Kg/year
Physical Infrastructure Dependence
eat_jap_4.5Inf_d124_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1977, Dt=61, S=52.9	1.6	1.14
Exponential	6.95*exp(0.0154*(x-1885))	3.19	2.6
Linear	slope=0.633, intercept=-1.22e+03	2.41	2.01
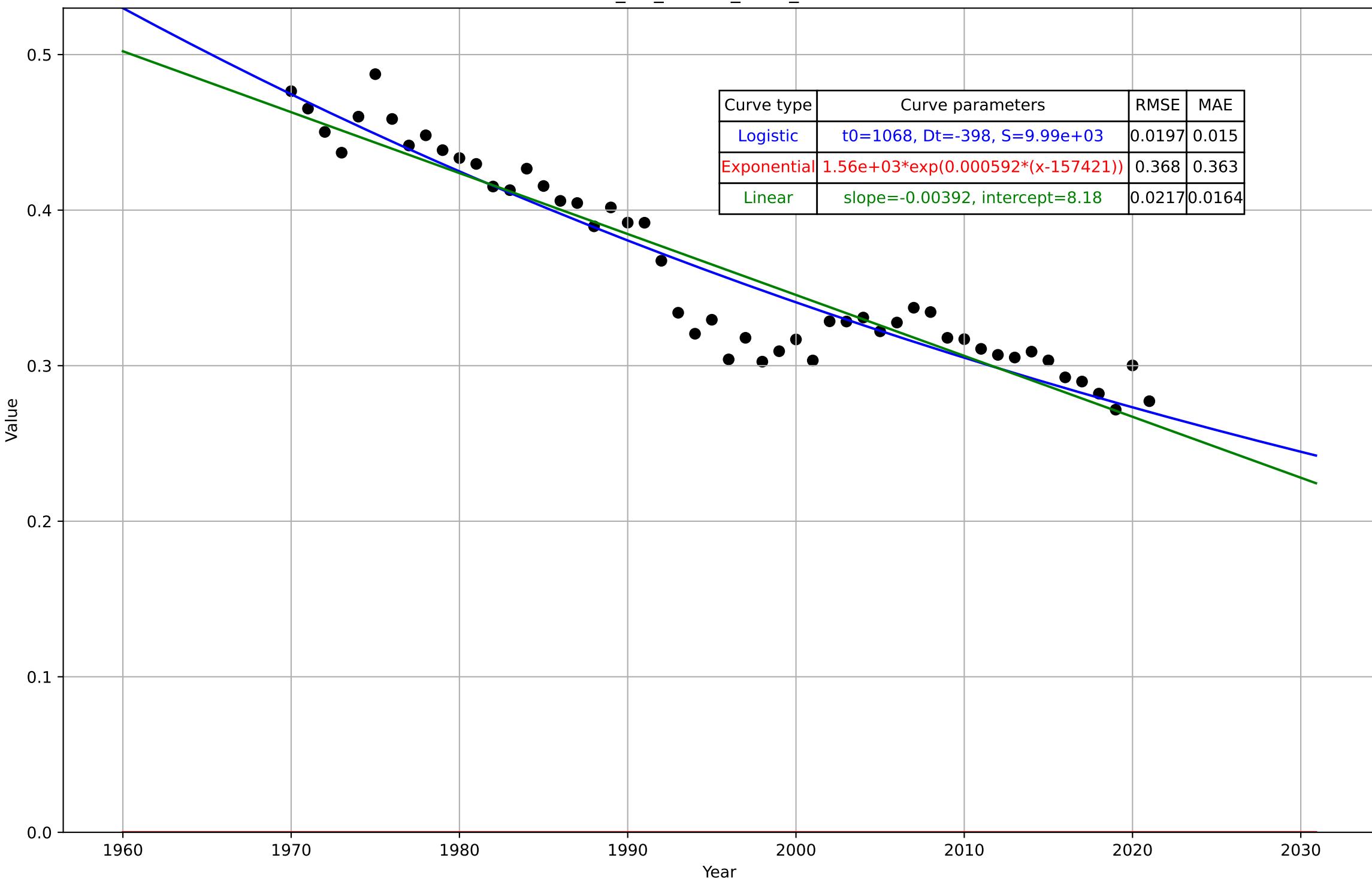
Eating less meat
United Kingdom
1.1
% poultry+pig in total meat consumption
% kg/yr
Adoption over time
eat_uki_1.1Ado_d037_m032
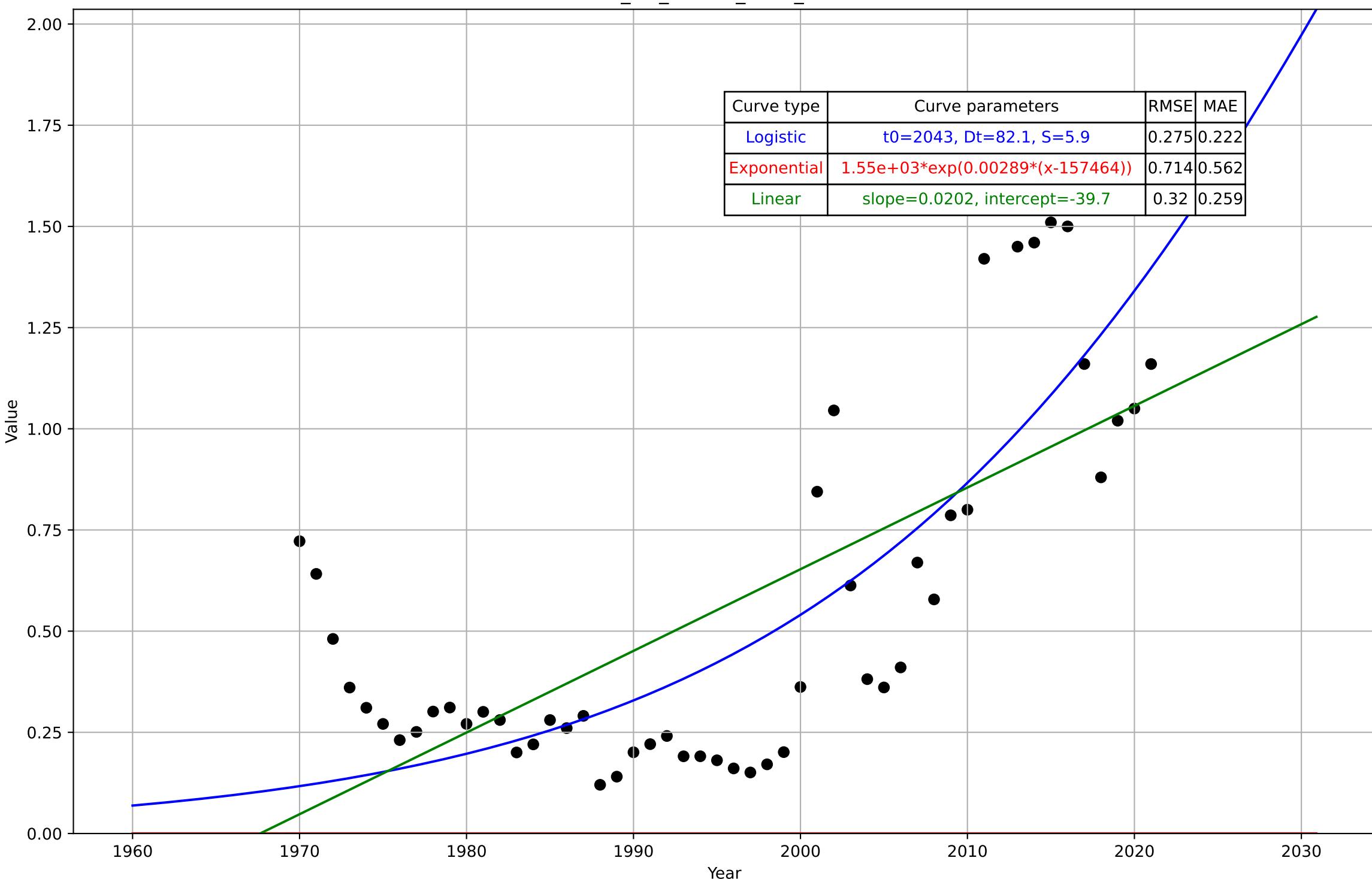
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1952, Dt=106, S=0.757	0.0183	0.0148
Exponential	0.153*exp(0.00604*(x-1760))	0.0231	0.0174
Linear	slope=0.00392, intercept=-7.18	0.0217	0.0164

Eating less meat
United Kingdom
1.1
% red in total meat consumption
% kg/yr
Adoption over time
eat_uki_1.1Ado_d038_m032

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1068, Dt=-398, S=9.99e+03	0.0197	0.015
Exponential	1.56e+03*exp(0.000592*(x-157421))	0.368	0.363
Linear	slope=-0.00392, intercept=8.18	0.0217	0.0164
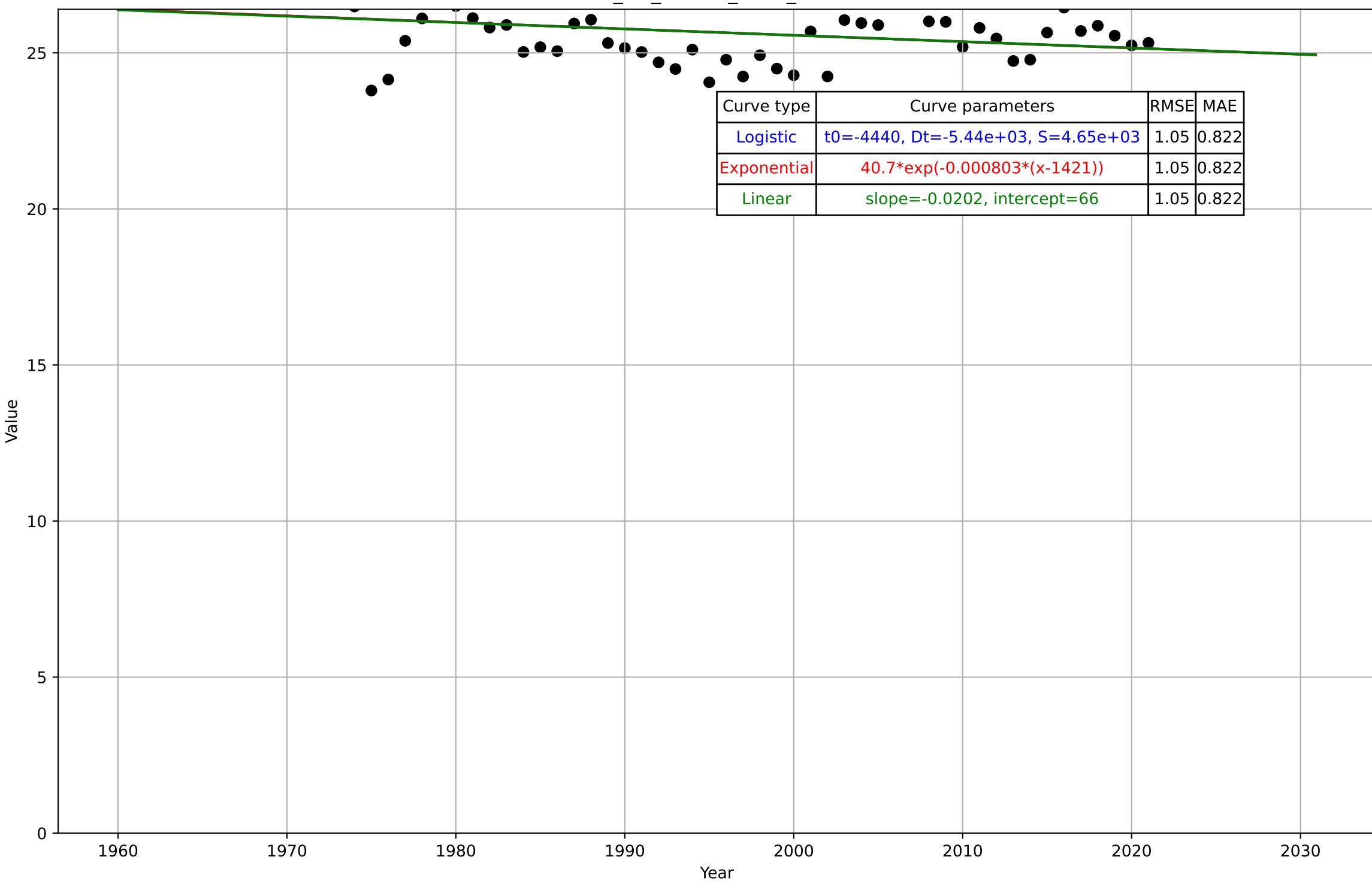
Eating less meat
United Kingdom
1.1
per capita beef consumption
Kg/yr
Adoption over time
eat_uki_1.1Ado_d167_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=456, Dt=-771, S=1.31e+05	1.79	1.34
Exponential	28.7*exp(-0.0057*(x-1935))	1.79	1.34
Linear	slope=-0.113, intercept=245	1.81	1.36
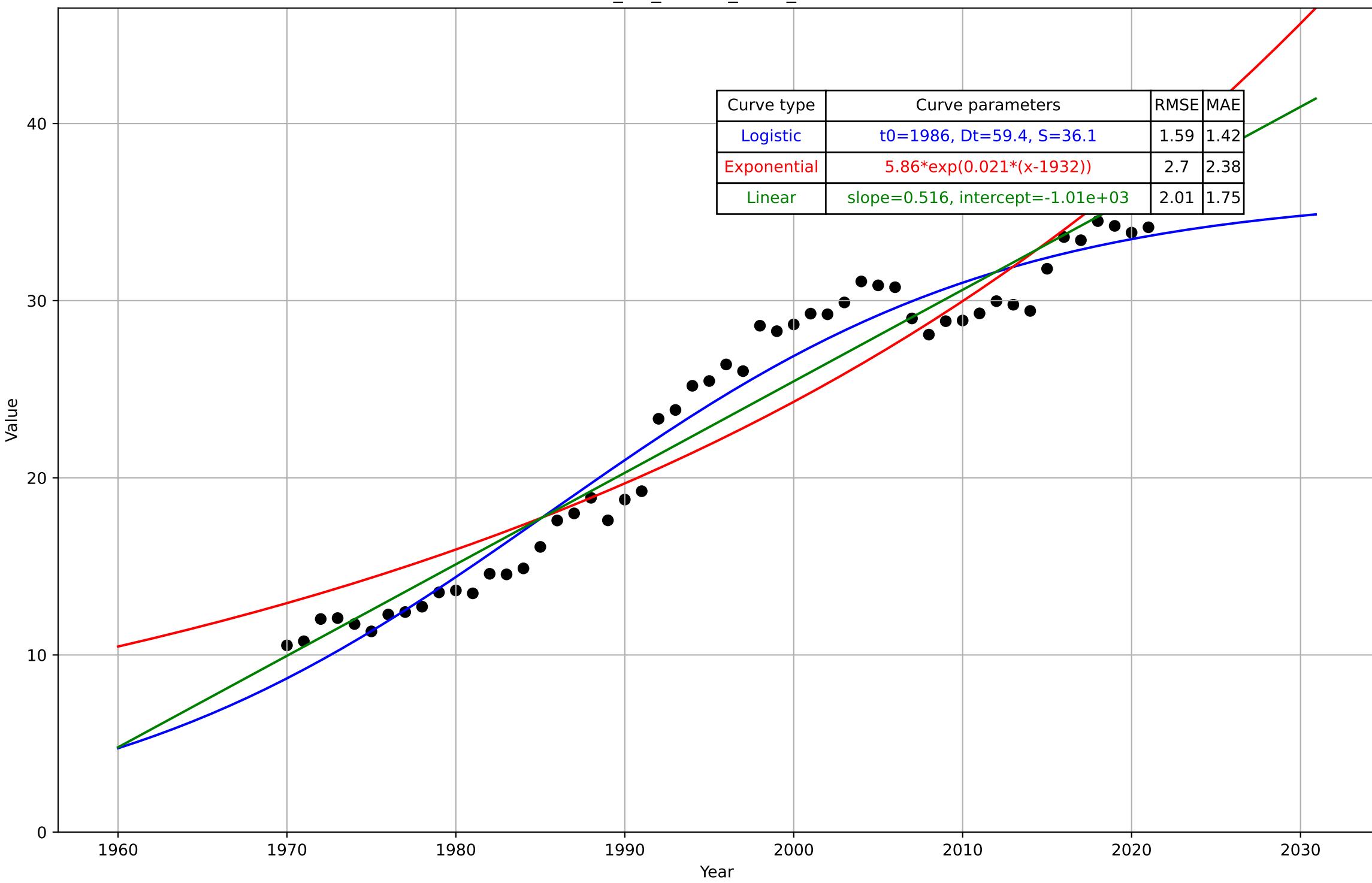
Eating less meat
United Kingdom
1.1
per capita other meat consumption
kg/yr
Adoption over time
eat_uki_1.1Ado_d168_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2043, Dt=82.1, S=5.9	0.275	0.222
Exponential	1.55e+03*exp(0.00289*(x-157464))	0.714	0.562
Linear	slope=0.0202, intercept=-39.7	0.32	0.259
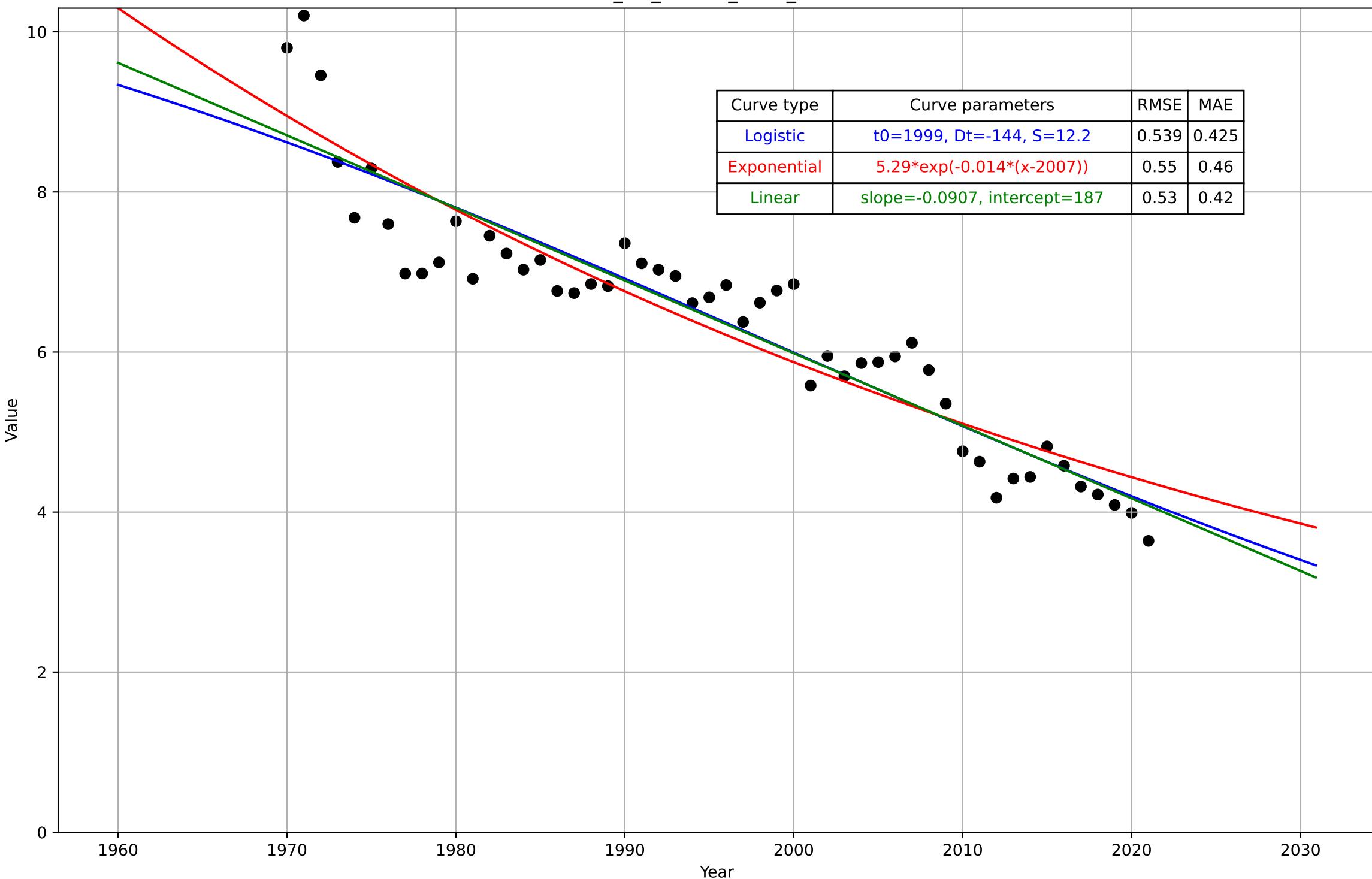
Eating less meat
United Kingdom
1.1
per capita pig consumption
Kg/yr
Adoption over time
eat_uki_1.1Ado_d169_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=-4440, Dt=-5.44e+03, S=4.65e+03	1.05	0.822
Exponential	40.7*exp(-0.000803*(x-1421))	1.05	0.822
Linear	slope=-0.0202, intercept=66	1.05	0.822
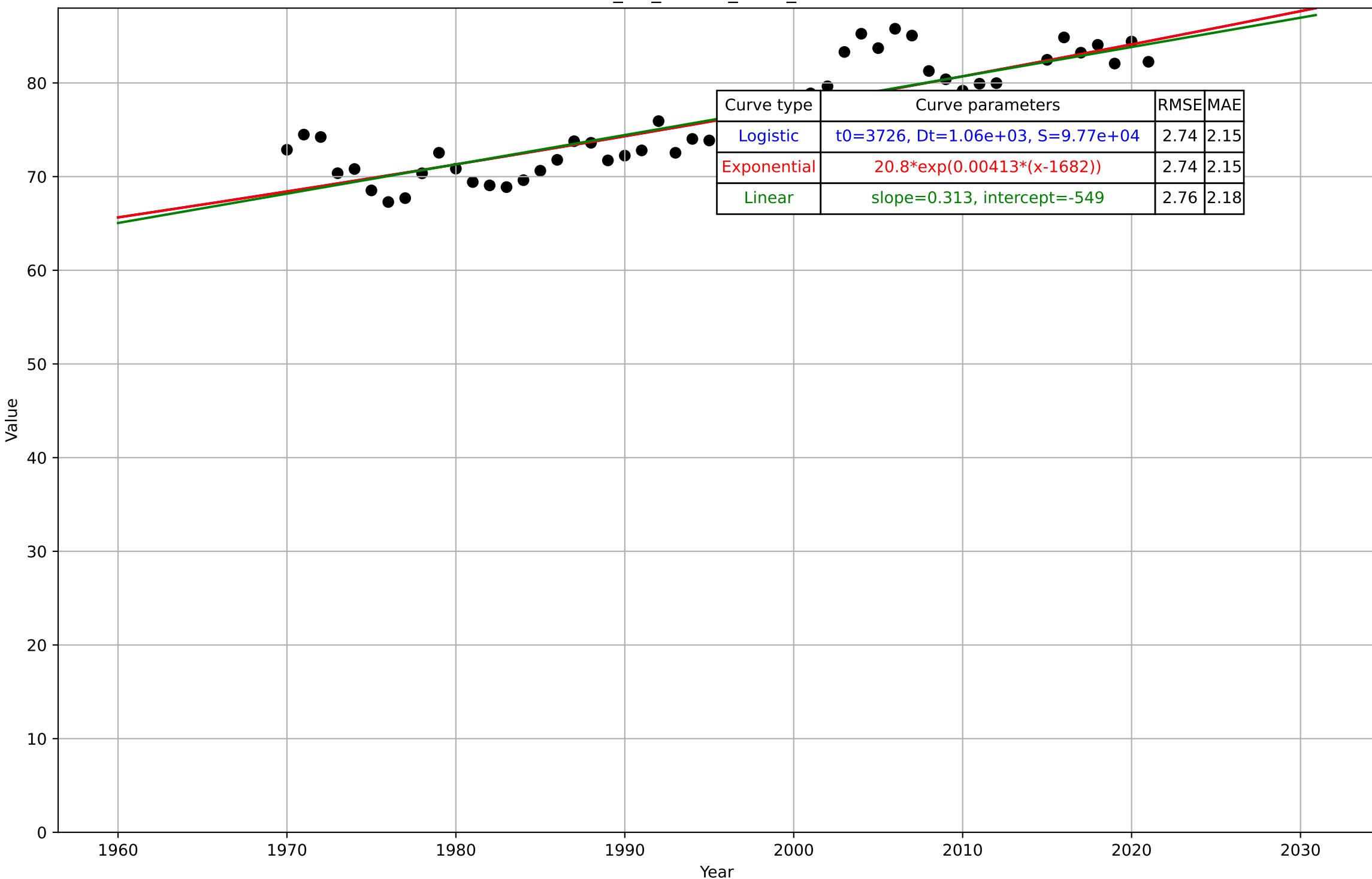
Eating less meat
United Kingdom
1.1
per capita poultry consumption
kg/yr
Adoption over time
eat_uki_1.1Ado_d170_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1986, Dt=59.4, S=36.1	1.59	1.42
Exponential	5.86*exp(0.021*(x-1932))	2.7	2.38
Linear	slope=0.516, intercept=-1.01e+03	2.01	1.75

Eating less meat
United Kingdom
1.1
per capita sheep & goat consumption
Kg/yr
Adoption over time
eat_uki_1.1Ado_d171_m116

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1999, Dt=-144, S=12.2	0.539	0.425
Exponential	5.29*exp(-0.014*(x-2007))	0.55	0.46
Linear	slope=-0.0907, intercept=187	0.53	0.42

Eating less meat
United Kingdom
1.1
per capita total meat consumption
kg/yr
Adoption over time
eat_uki_1.1Ado_d172_m116

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3726, Dt=1.06e+03, S=9.77e+04	2.74	2.15
Exponential	20.8*exp(0.00413*(x-1682))	2.74	2.15
Linear	slope=0.313, intercept=-549	2.76	2.18
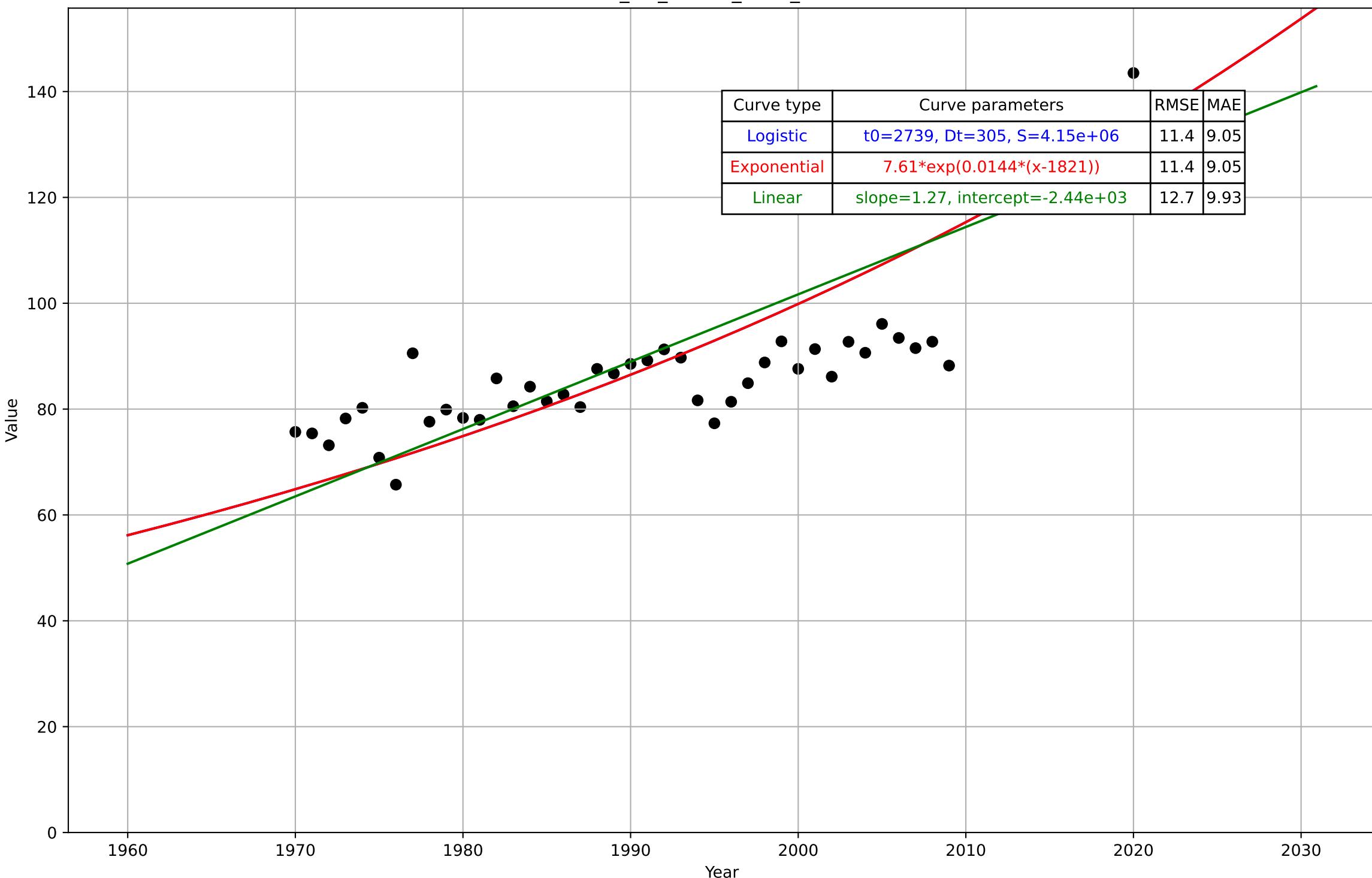
Eating less meat
United Kingdom
2.4
Vegetable consumption per capita
Kg/year
Ease of Use
eat_uki_2.4Eas_d208_m114
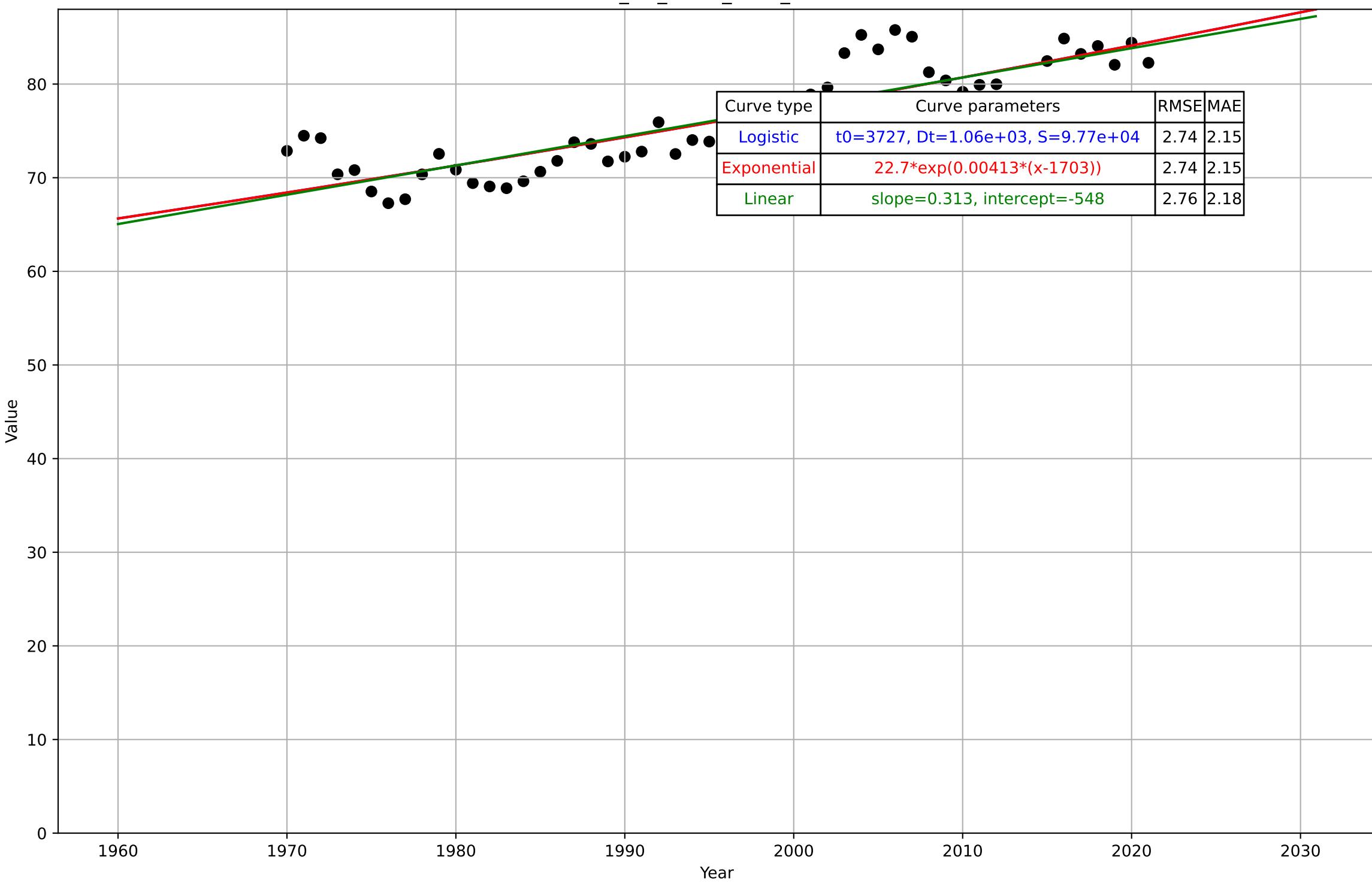
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2739, Dt=305, S=4.15e+06	11.4	9.05
Exponential	7.61*exp(0.0144*(x-1821))	11.4	9.05
Linear	slope=1.27, intercept=-2.44e+03	12.7	9.93
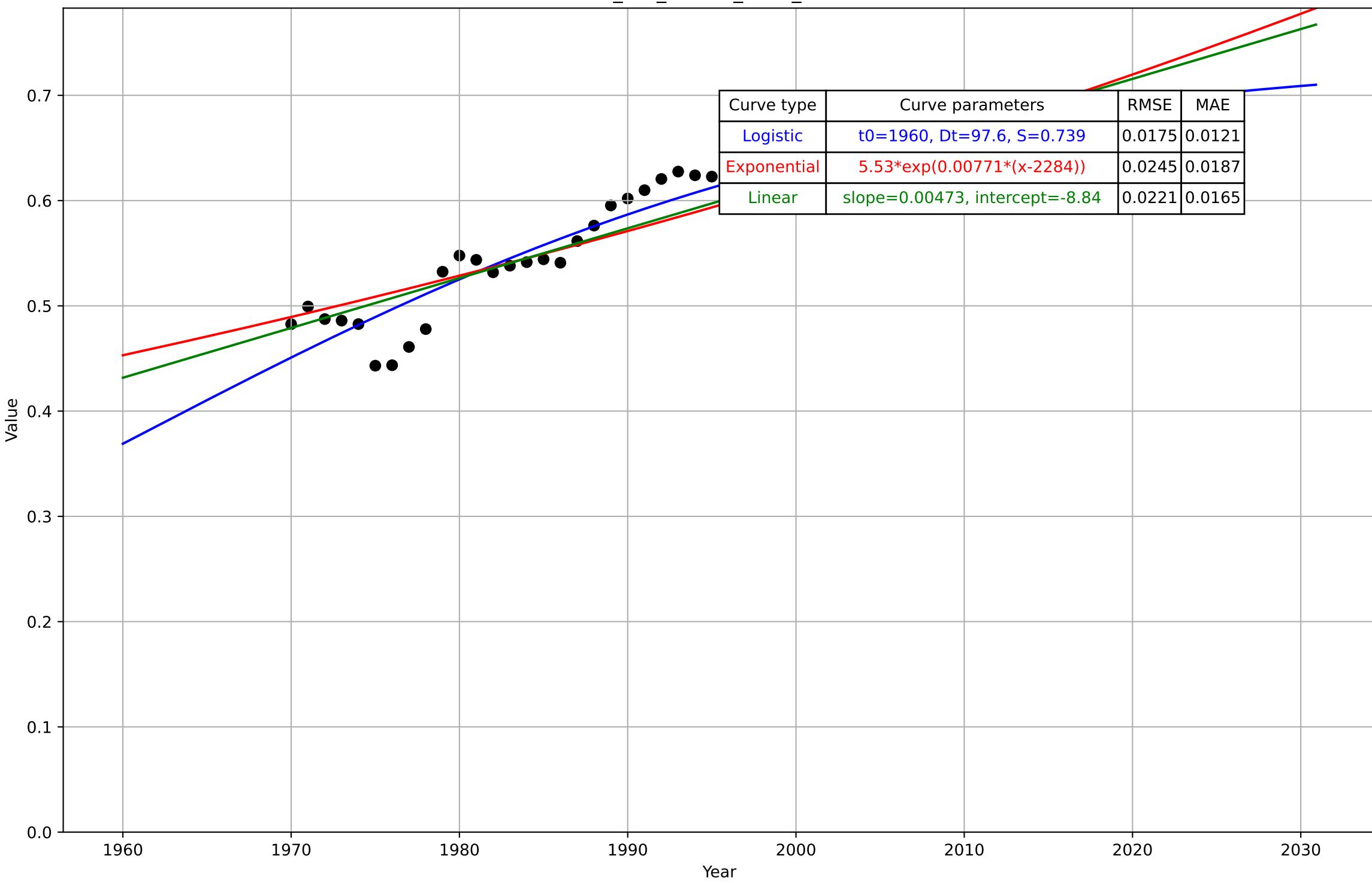
Eating less meat
United Kingdom
4.5
Meat supply/person
Kg/year
Physical Infrastructure Dependence
eat_uki_4.5Inf_d124_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3727, Dt=1.06e+03, S=9.77e+04	2.74	2.15
Exponential	22.7*exp(0.00413*(x-1703))	2.74	2.15
Linear	slope=0.313, intercept=-548	2.76	2.18

Eating less meat
United States
1.1
% poultry+pig in total meat consumption
% kg/yr
Adoption over time
eat_usa_1.1Ado_d037_m032
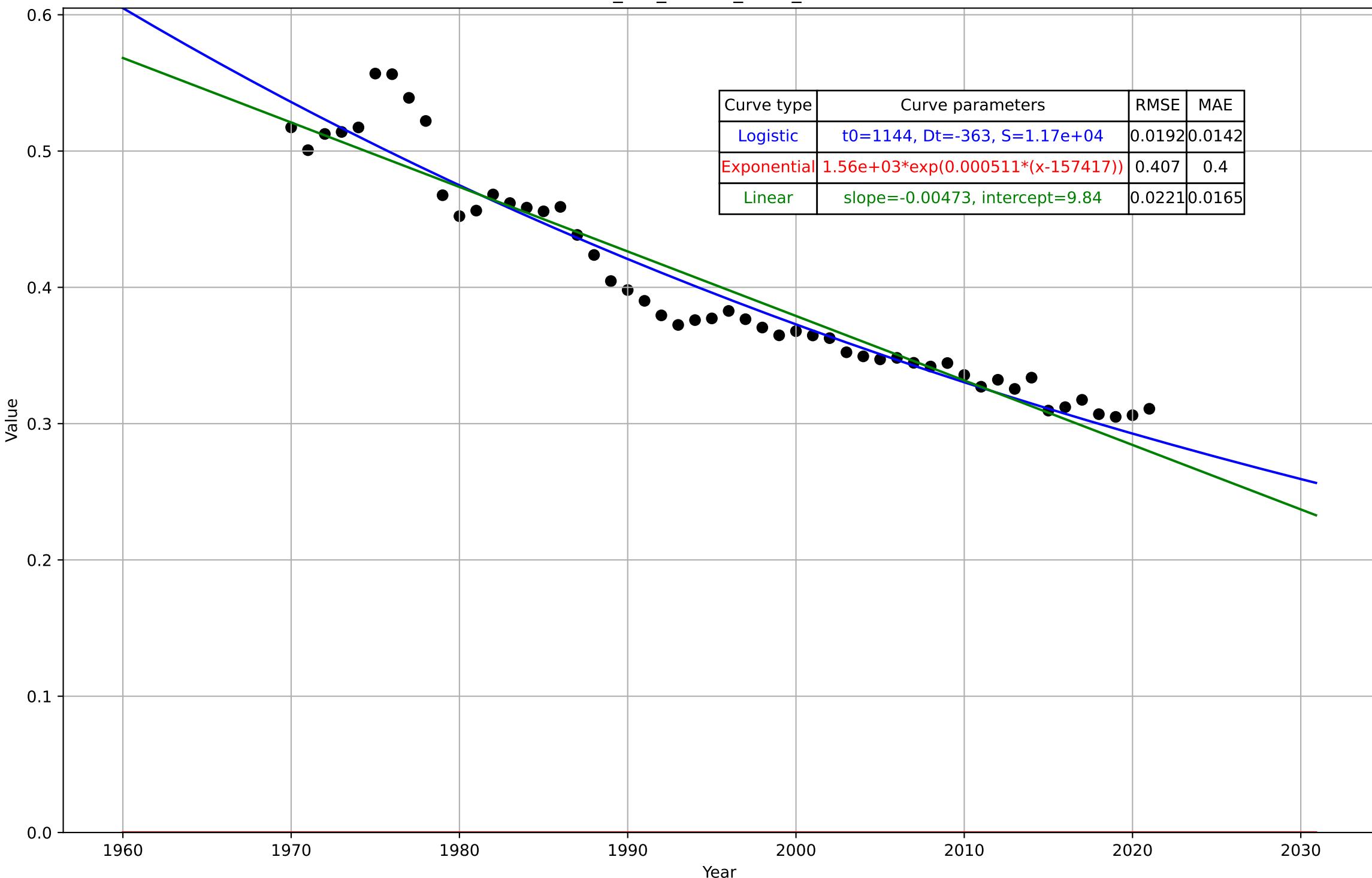
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1960, Dt=97.6, S=0.739	0.0175	0.0121
Exponential	5.53*exp(0.00771*(x-2284))	0.0245	0.0187
Linear	slope=0.00473, intercept=-8.84	0.0221	0.0165

Eating less meat
United States
1.1
% red in total meat consumption
% kg/yr
Adoption over time
eat_usa_1.1Ado_d038_m032
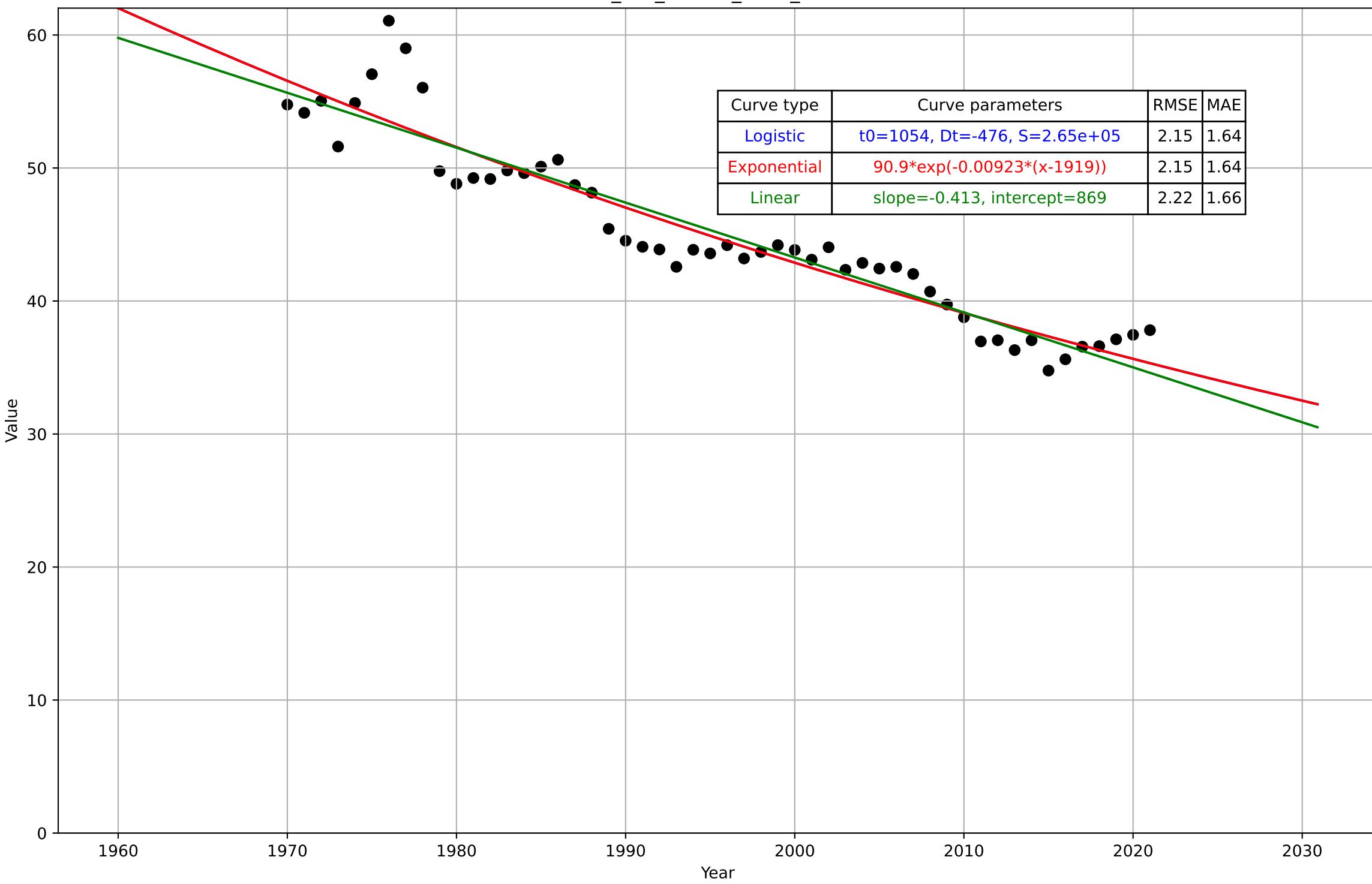
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1144, Dt=-363, S=1.17e+04	0.0192	0.0142
Exponential	1.56e+03*exp(0.000511*(x-157417))	0.407	0.4
Linear	slope=-0.00473, intercept=9.84	0.0221	0.0165
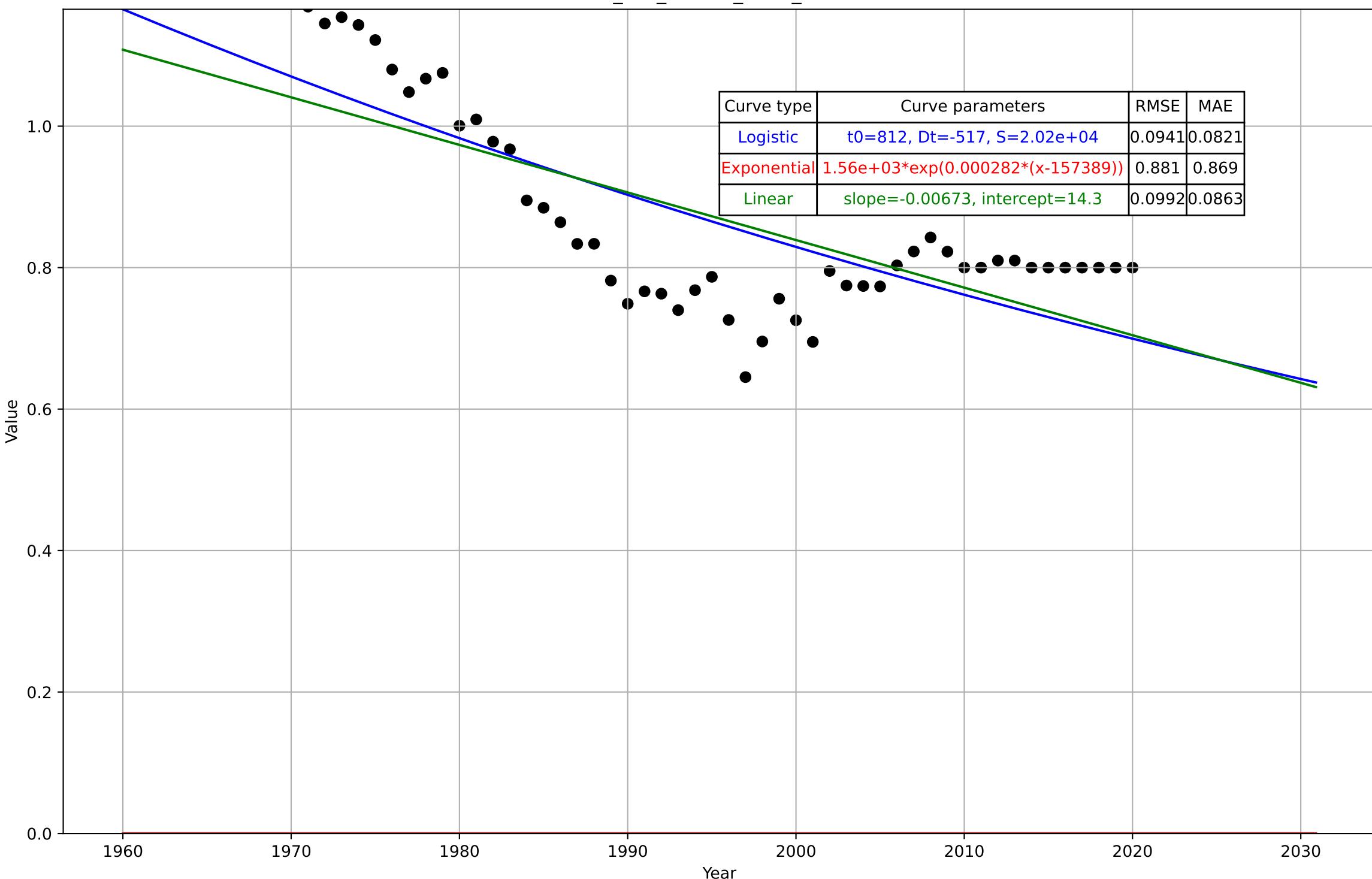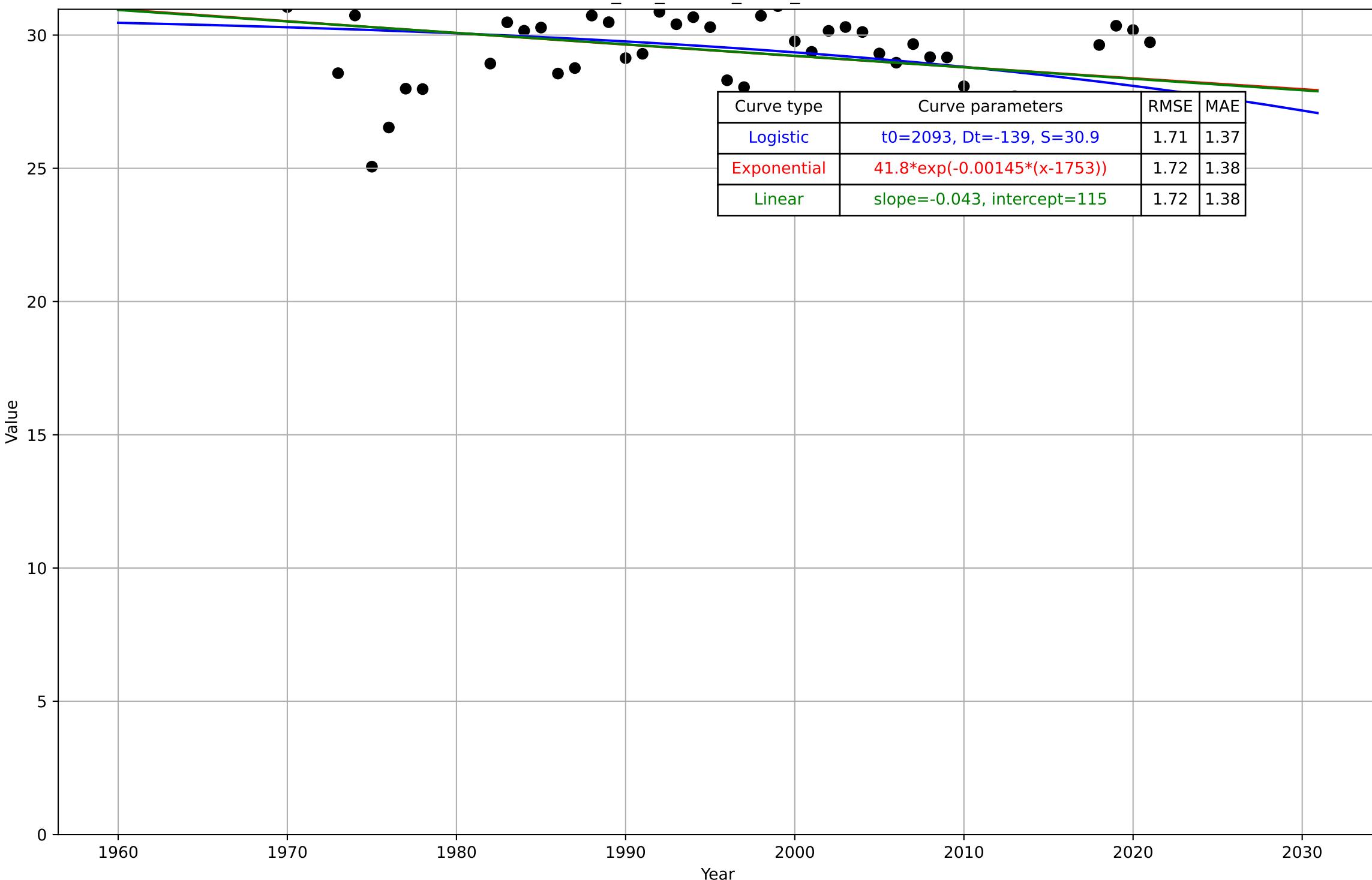
Eating less meat
United States
1.1
per capita beef consumption
Kg/yr
Adoption over time
eat_usa_1.1Ado_d167_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1054, Dt=-476, S=2.65e+05	2.15	1.64
Exponential	90.9*exp(-0.00923*(x-1919))	2.15	1.64
Linear	slope=-0.413, intercept=869	2.22	1.66
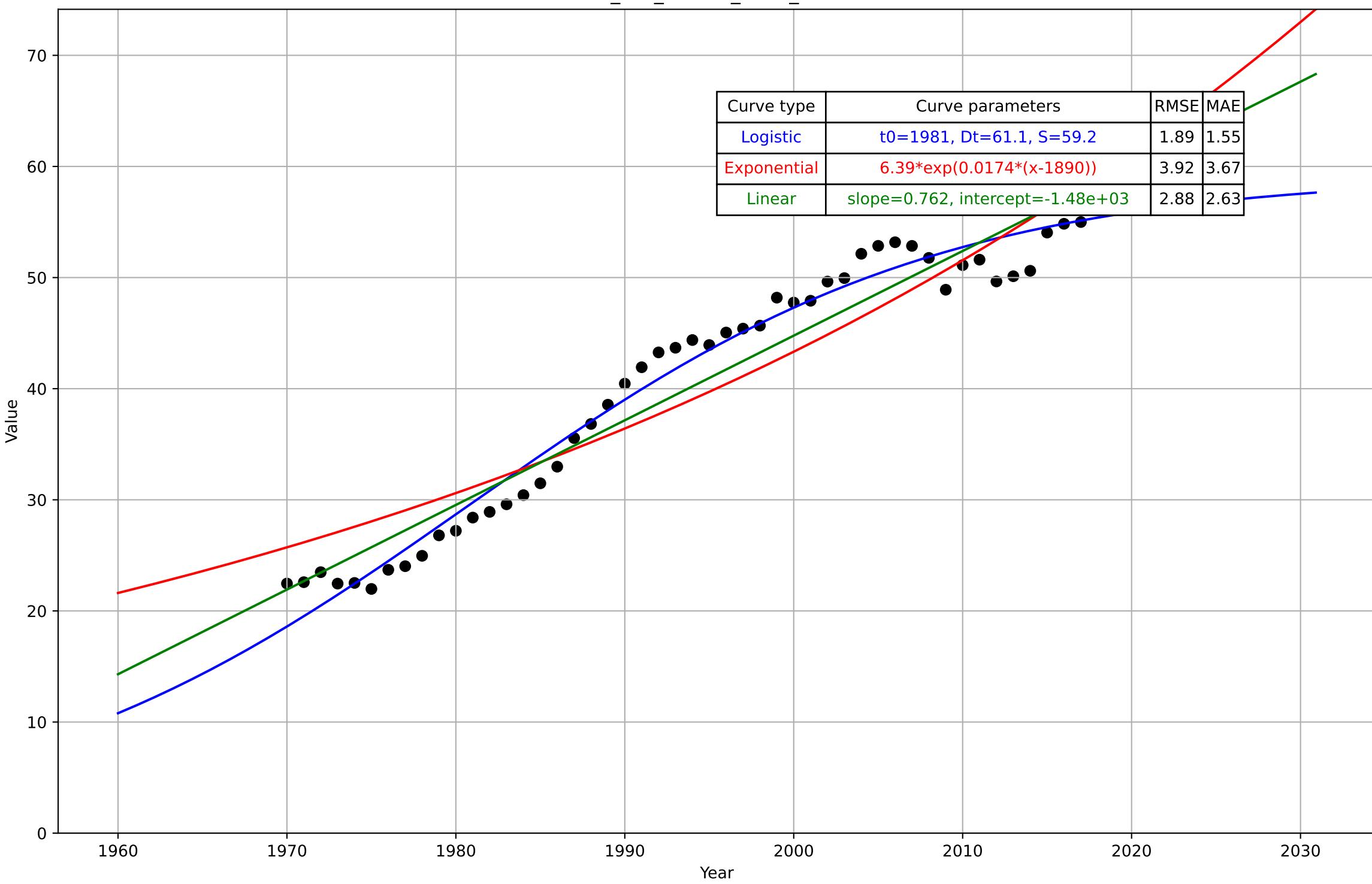
Eating less meat
United States
1.1
per capita other meat consumption
kg/yr
Adoption over time
eat_usa_1.1Ado_d168_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=812, Dt=-517, S=2.02e+04	0.0941	0.0821
Exponential	1.56e+03*exp(0.000282*(x-157389))	0.881	0.869
Linear	slope=-0.00673, intercept=14.3	0.0992	0.0863
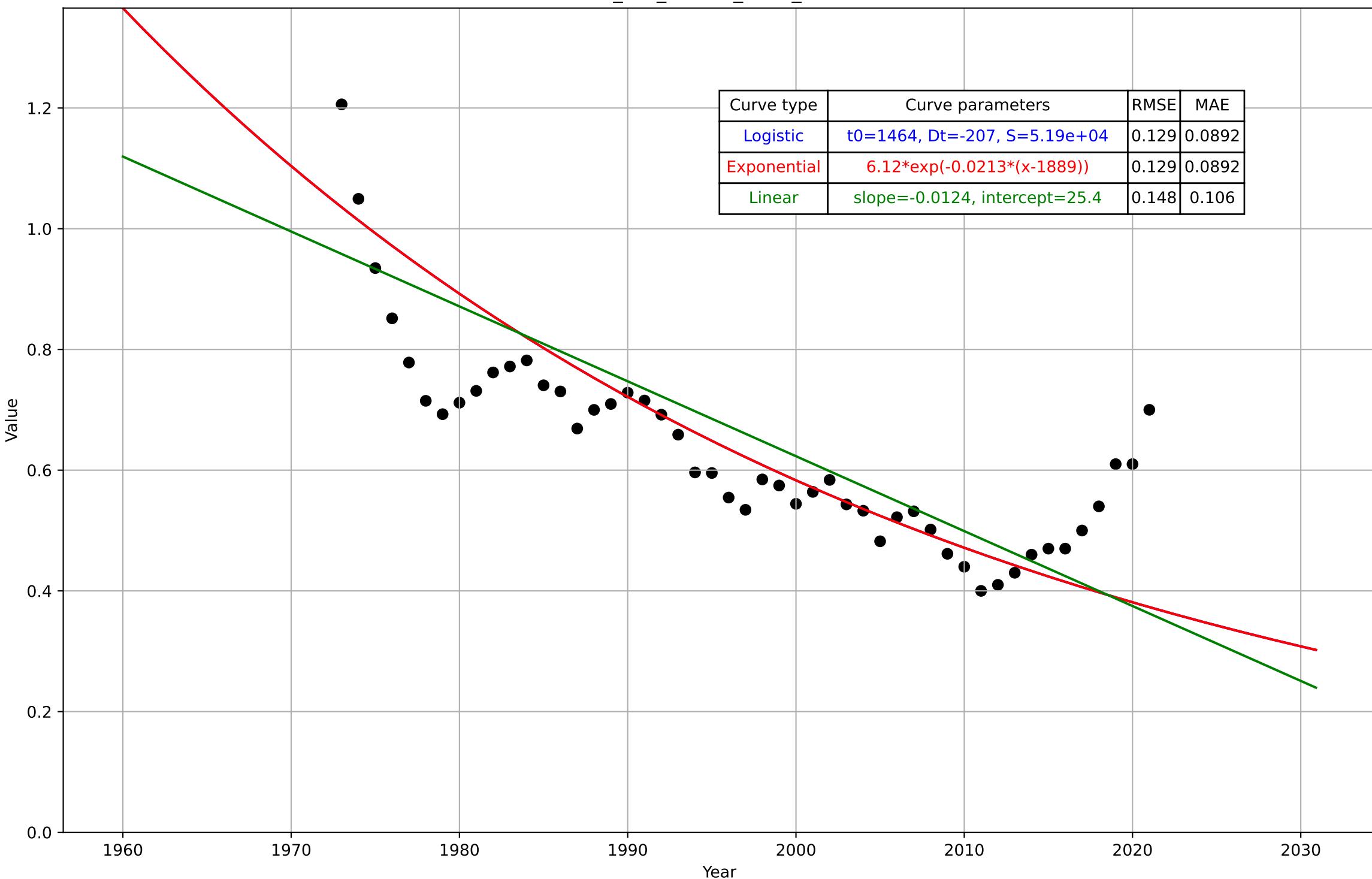
Eating less meat
United States
1.1
per capita pig consumption
Kg/yr
Adoption over time
eat_usa_1.1Ado_d169_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2093, Dt=-139, S=30.9	1.71	1.37
Exponential	41.8*exp(-0.00145*(x-1753))	1.72	1.38
Linear	slope=-0.043, intercept=115	1.72	1.38

Eating less meat
United States
1.1
per capita poultry consumption
kg/yr
Adoption over time
eat_usa_1.1Ado_d170_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1981, Dt=61.1, S=59.2	1.89	1.55
Exponential	6.39*exp(0.0174*(x-1890))	3.92	3.67
Linear	slope=0.762, intercept=-1.48e+03	2.88	2.63

Eating less meat
United States
1.1
per capita sheep & goat consumption
Kg/yr
Adoption over time
eat_usa_1.1Ado_d171_m116
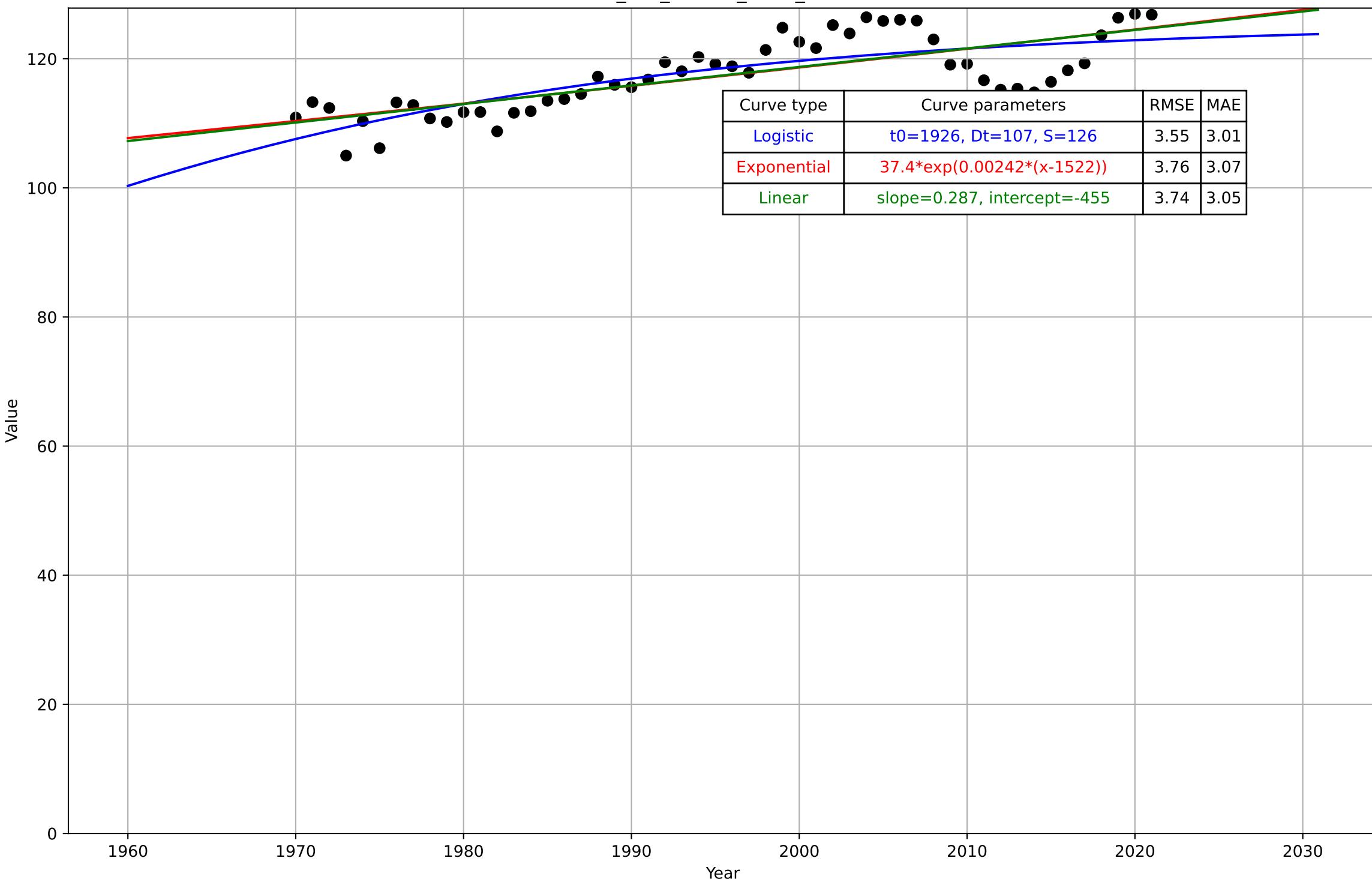
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1464, Dt=-207, S=5.19e+04	0.129	0.0892
Exponential	6.12*exp(-0.0213*(x-1889))	0.129	0.0892
Linear	slope=-0.0124, intercept=25.4	0.148	0.106

Eating less meat
United States
1.1
per capita total meat consumption
kg/yr
Adoption over time
eat_usa_1.1Ado_d172_m116

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1926, Dt=107, S=126	3.55	3.01
Exponential	37.4*exp(0.00242*(x-1522))	3.76	3.07
Linear	slope=0.287, intercept=-455	3.74	3.05
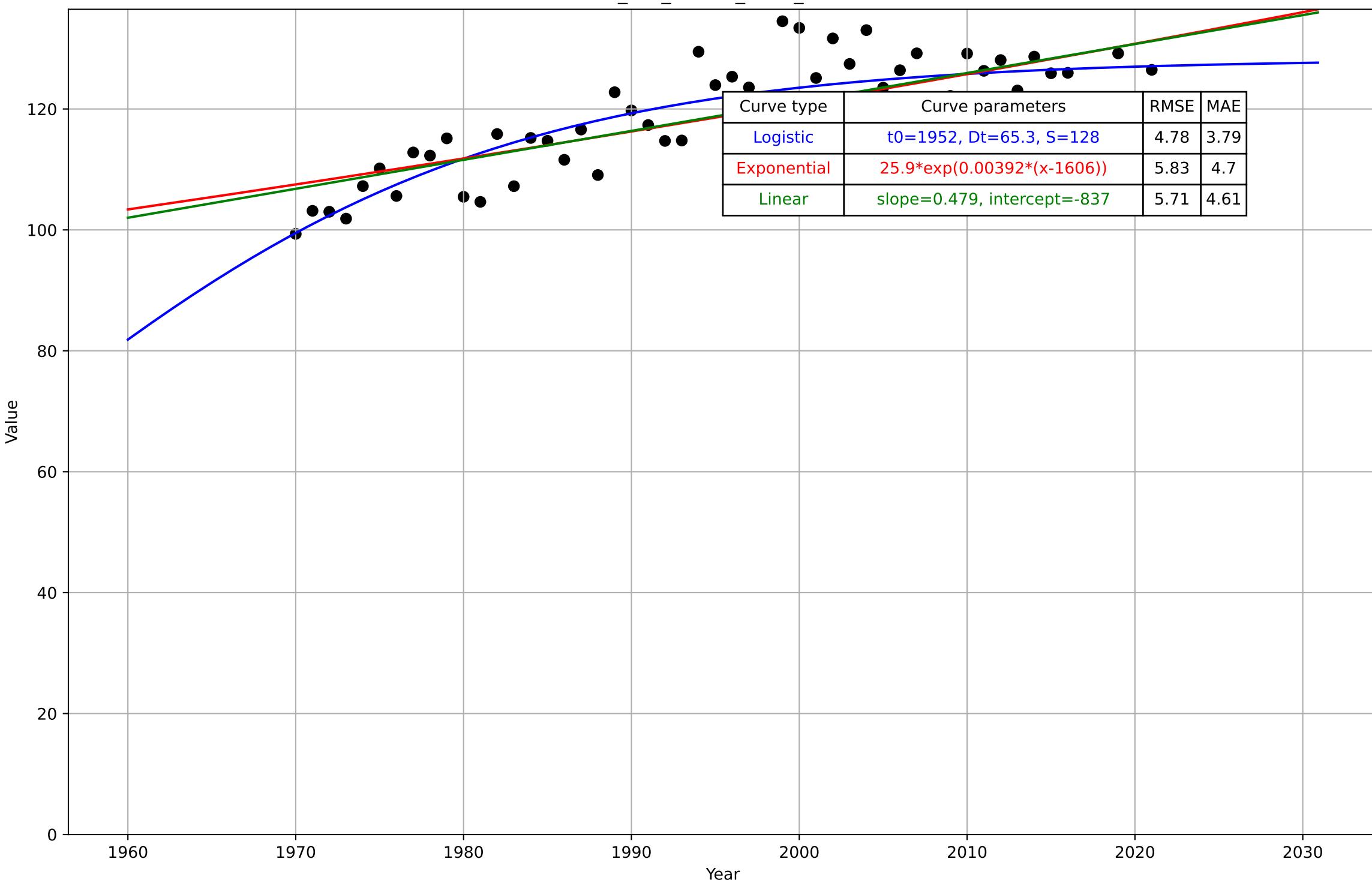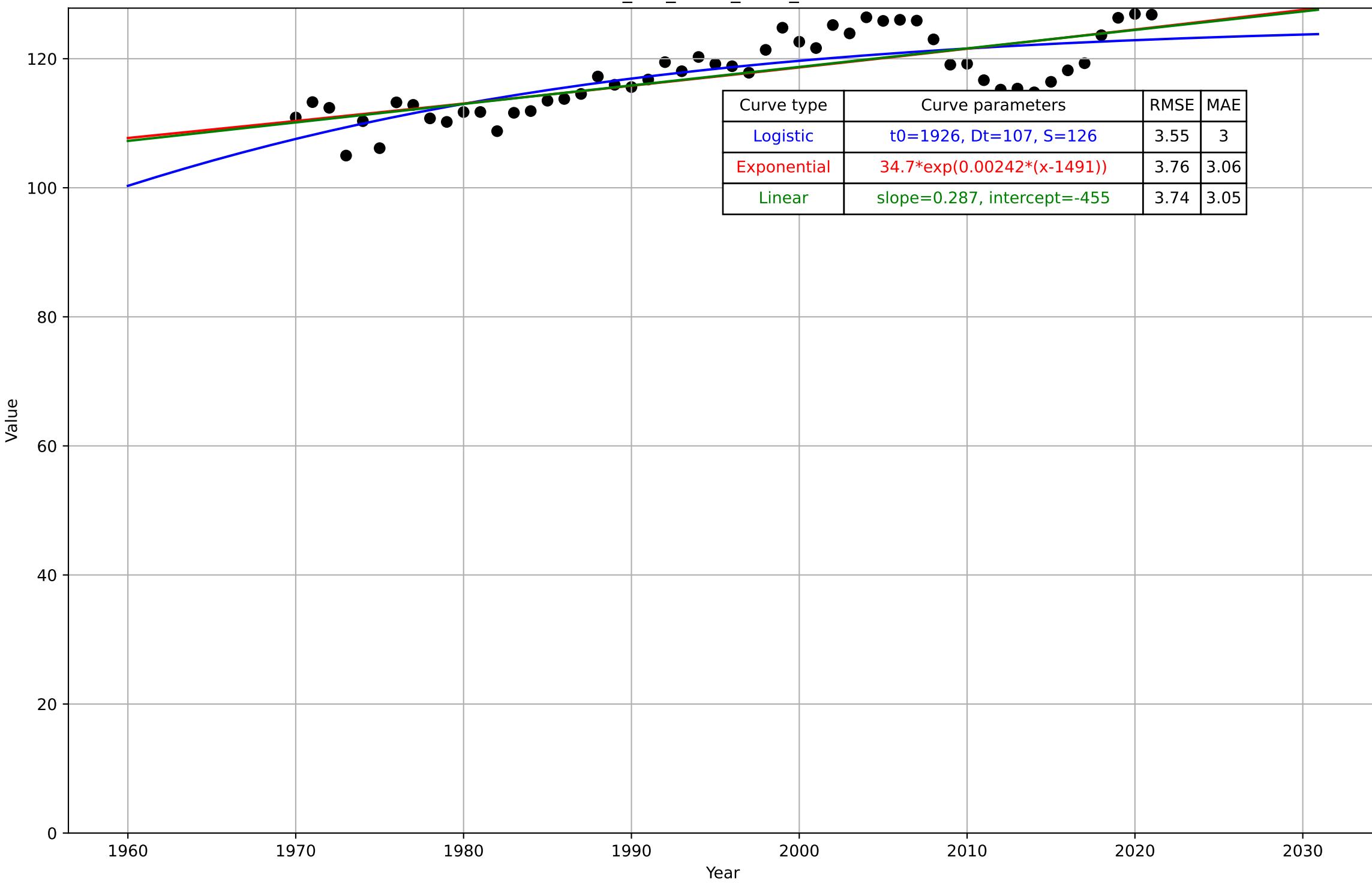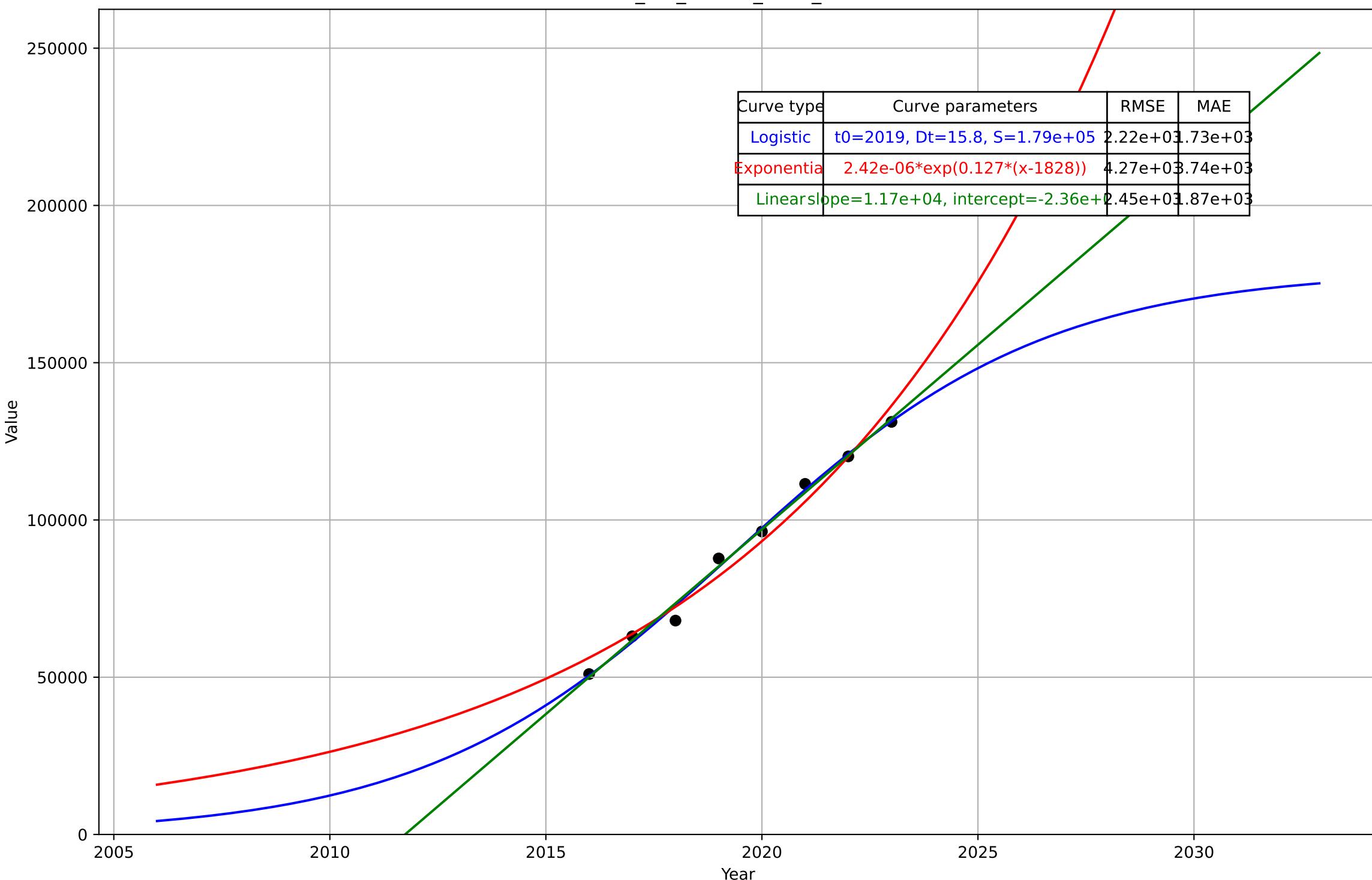
Eating less meat
United States
2.4
Vegetable consumption per capita
Kg/year
Ease of Use
eat_usa_2.4Eas_d208_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1952, Dt=65.3, S=128	4.78	3.79
Exponential	25.9*exp(0.00392*(x-1606))	5.83	4.7
Linear	slope=0.479, intercept=-837	5.71	4.61

Eating less meat
United States
4.5
Meat supply/person
Kg/year
Physical Infrastructure Dependence
eat_usa_4.5Inf_d124_m114

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1926, Dt=107, S=126	3.55	3
Exponential	34.7*exp(0.00242*(x-1491))	3.76	3.06
Linear	slope=0.287, intercept=-455	3.74	3.05

Energy community
Netherlands
1.1
Energy community members
members
Adoption over time
ene_net_1.1Ado_d092_m011
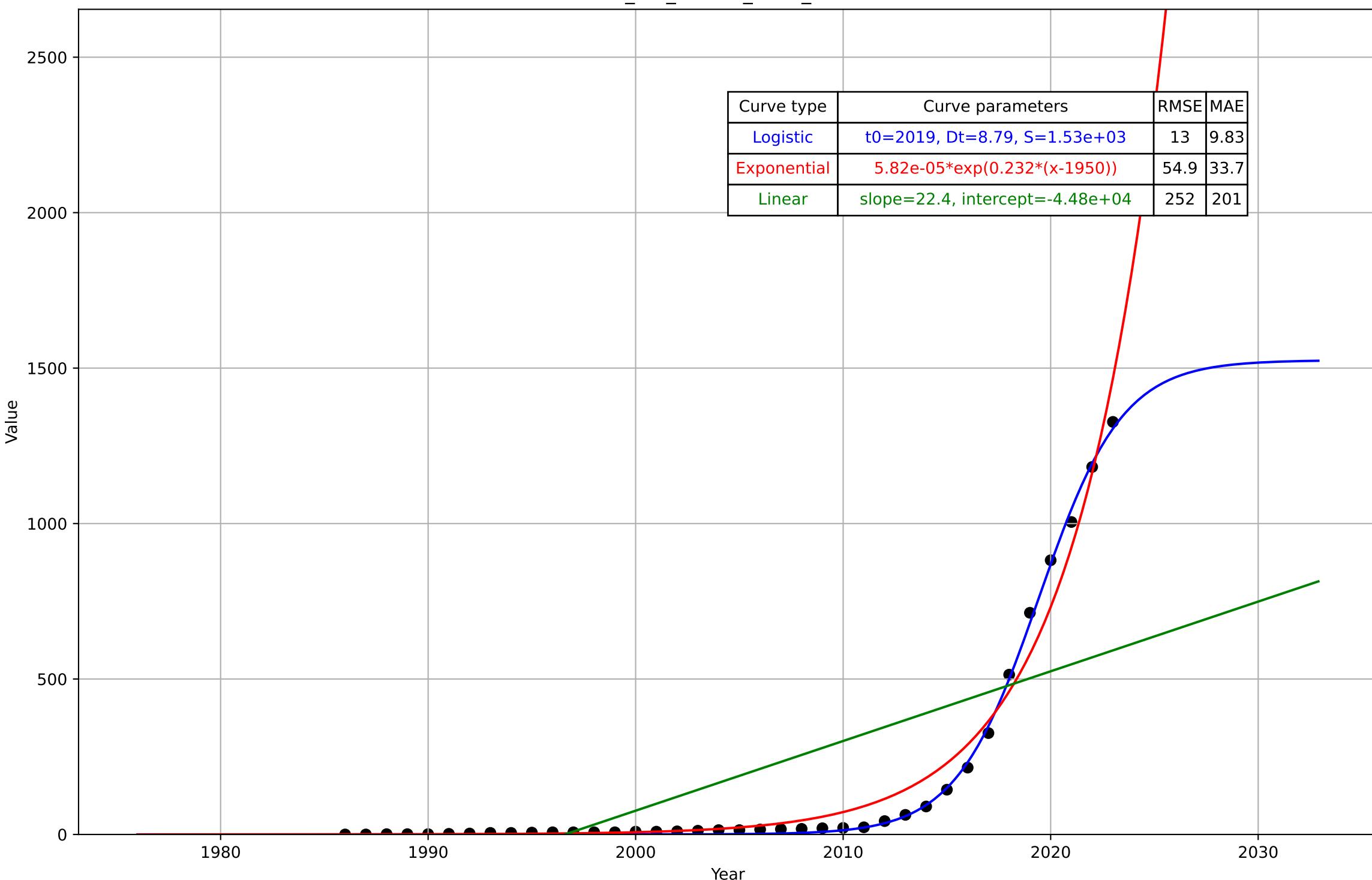
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=15.8, S=1.79e+05	2.22e+03	1.73e+03
Exponential	2.42e-06*exp(0.127*(x-1828))	4.27e+03	3.74e+03
Linear	slope=1.17e+04, intercept=-2.36e+07	2.45e+03	1.87e+03

Energy community
Netherlands
1.1
Energy community members
% of households
Adoption over time
ene_net_1.1Ado_d092_m059

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=15.3, S=0.0205	0.00029	0.000229
Exponential	6.59*exp(0.118*(x-2074))	0.000562	0.000493
Linear	slope=0.00137, intercept=-2.75	0.000333	0.000245
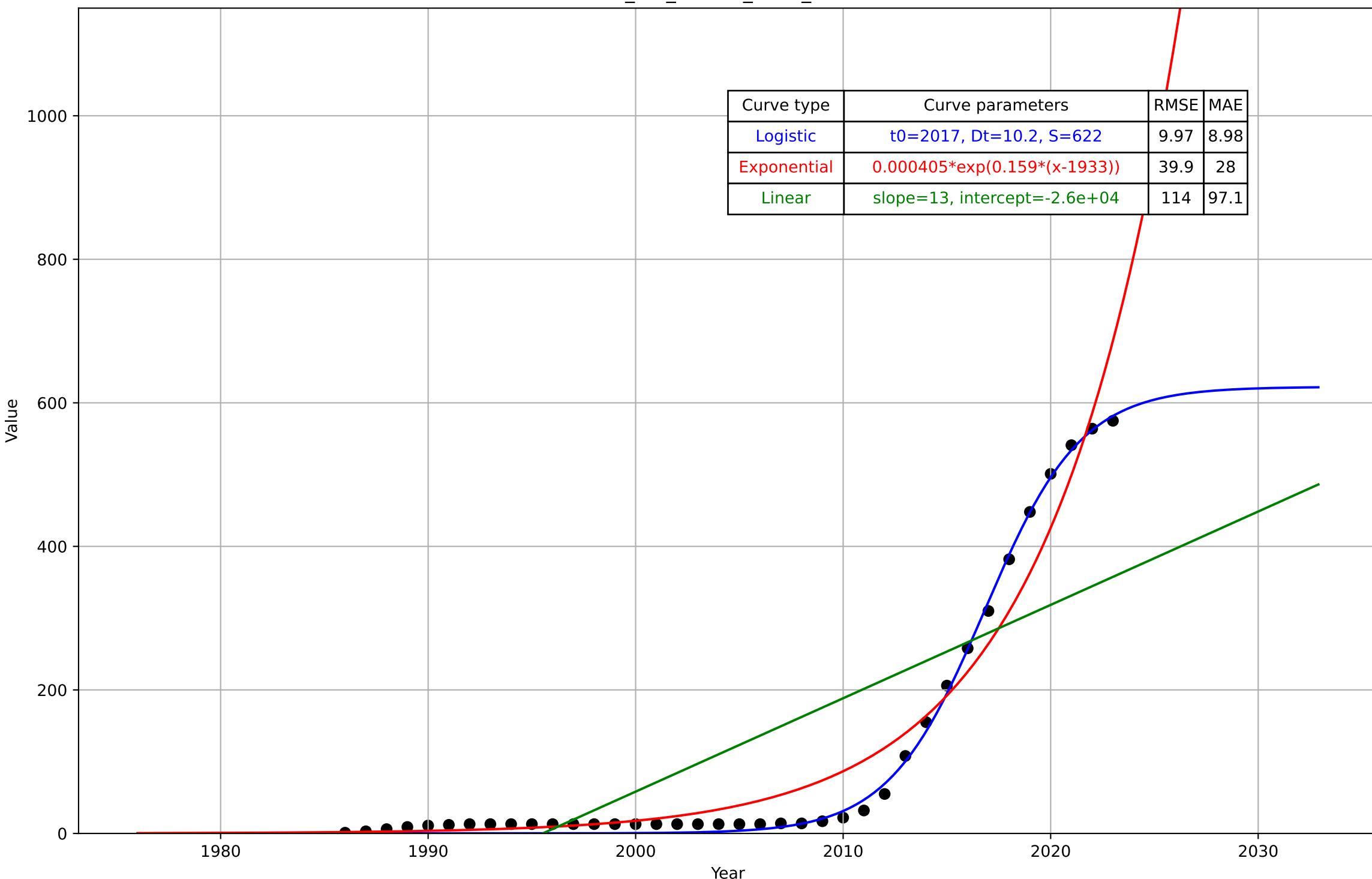
Energy community
Netherlands
1.1
Energy community projects
projects
Adoption over time
ene_net_1.1Ado_d093_m017

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=8.79, S=1.53e+03	13	9.83
Exponential	5.82e-05*exp(0.232*(x-1950))	54.9	33.7
Linear	slope=22.4, intercept=-4.48e+04	252	201

Energy community
Netherlands
1.1
Total energy communities
communities
Adoption over time
ene_net_1.1Ado_d202_m007

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=10.2, S=622	9.97	8.98
Exponential	0.000405*exp(0.159*(x-1933))	39.9	28
Linear	slope=13, intercept=-2.6e+04	114	97.1
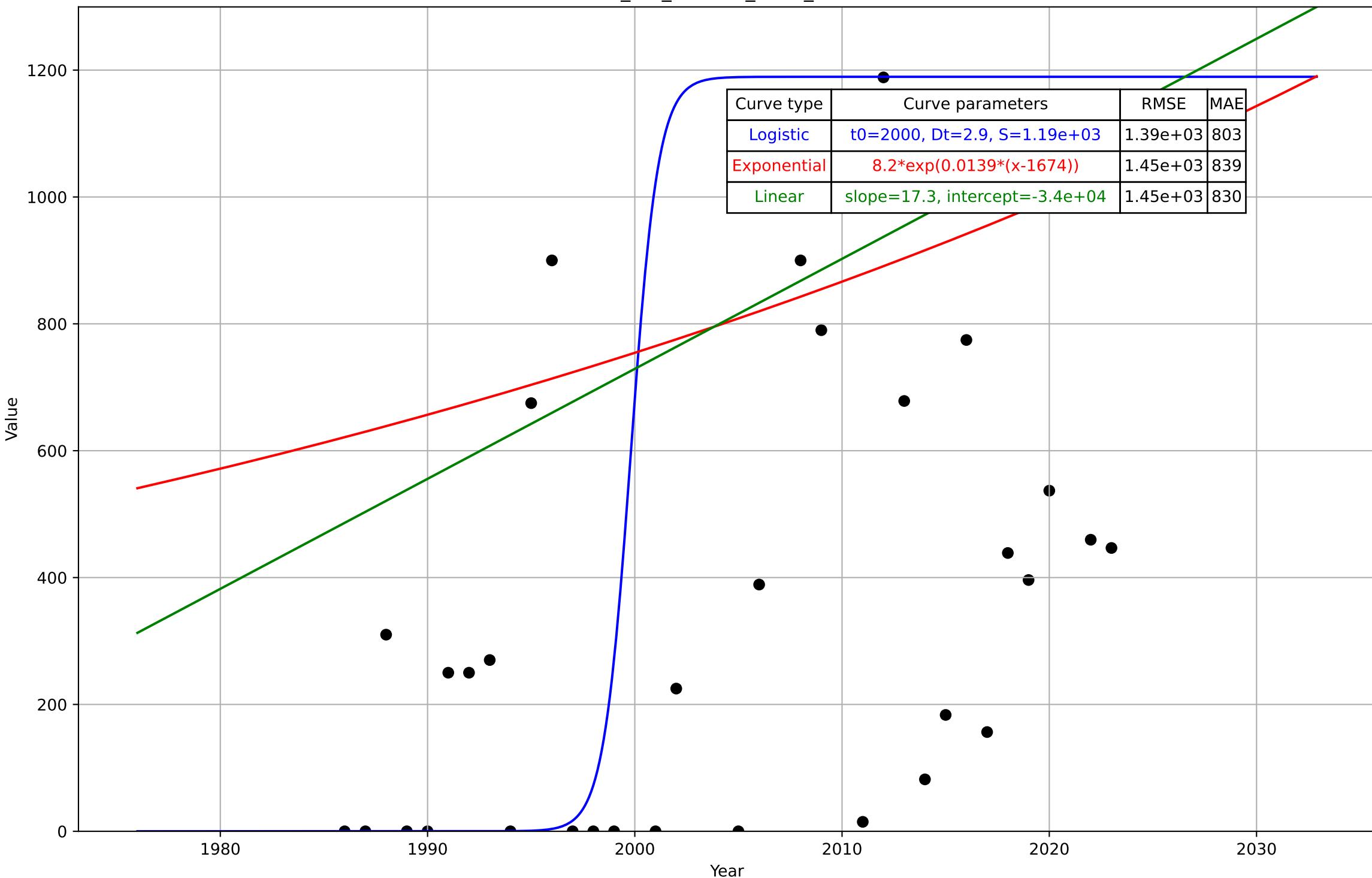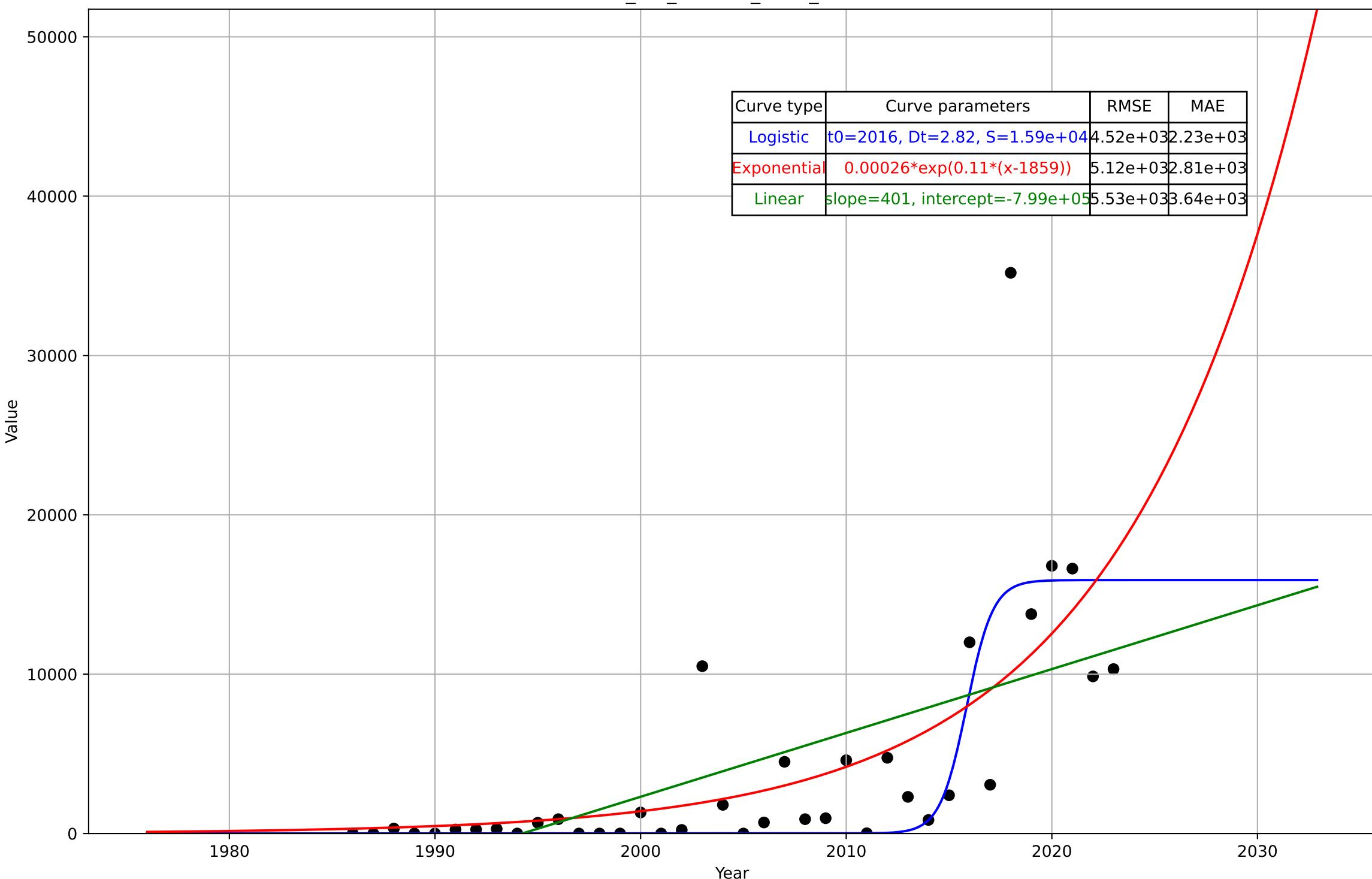
Energy community
Netherlands
2.10
avg size of new project in year
kW
Interdependence with Hardware
ene_net_2.10Uni_d059_m118

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=2.9, S=1.19e+03	1.39e+03	803
Exponential	8.2*exp(0.0139*(x-1674))	1.45e+03	839
Linear	slope=17.3, intercept=-3.4e+04	1.45e+03	830

Energy community
Netherlands
2.10
max size of new project in year
kW
Interdependence with Hardware
ene_net_2.10Uni_d123_m118

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=2.82, S=1.59e+04	4.52e+03	2.23e+03
Exponential	0.00026*exp(0.11*(x-1859))	5.12e+03	2.81e+03
Linear	slope=401, intercept=-7.99e+05	5.53e+03	3.64e+03
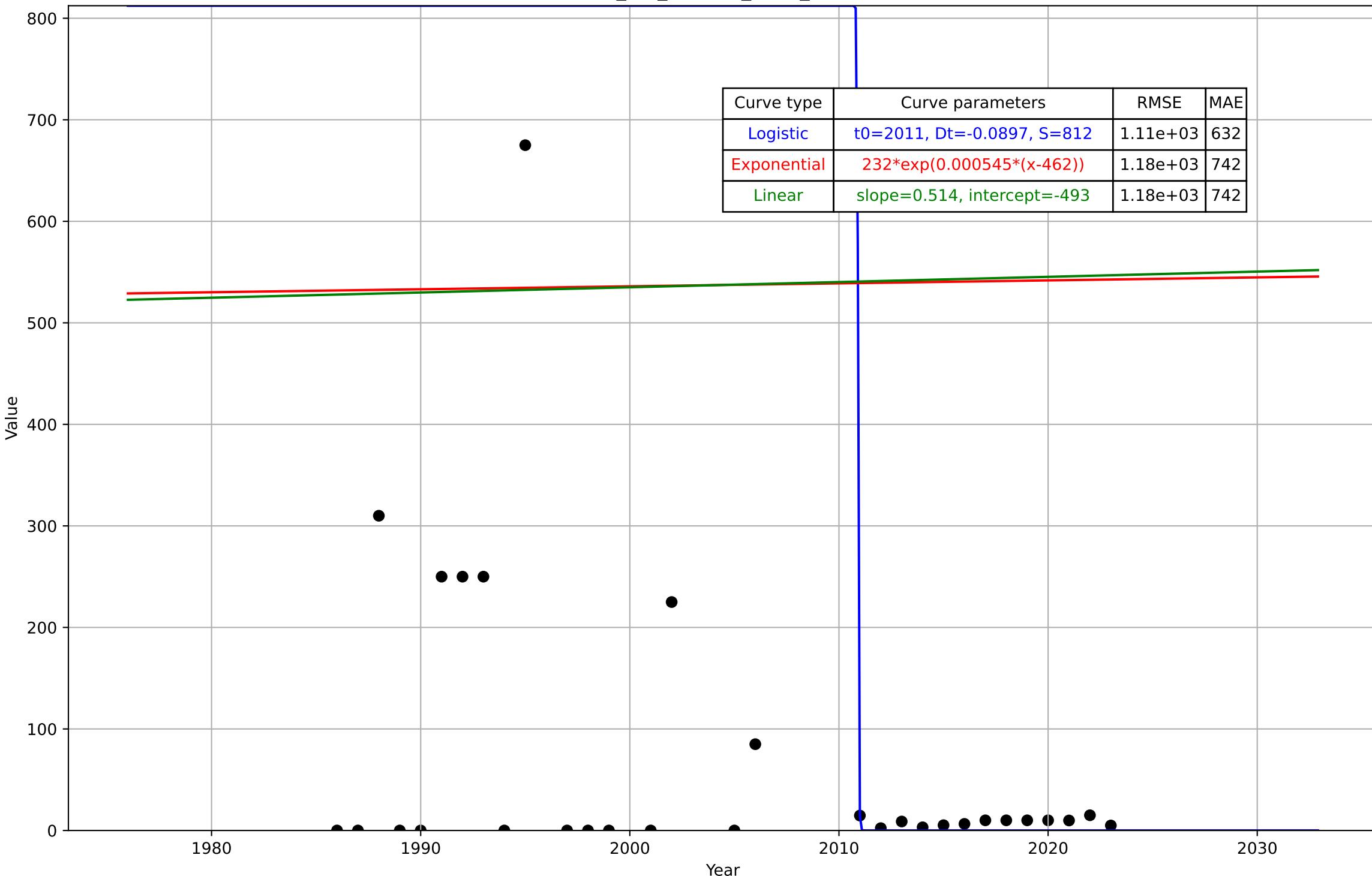
Energy community
Netherlands
2.10
min size of new project in year
kW
Interdependence with Hardware
ene_net_2.10Uni_d125_m118

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-0.0897, S=812	1.11e+03	632
Exponential	232*exp(0.000545*(x-462))	1.18e+03	742
Linear	slope=0.514, intercept=-493	1.18e+03	742
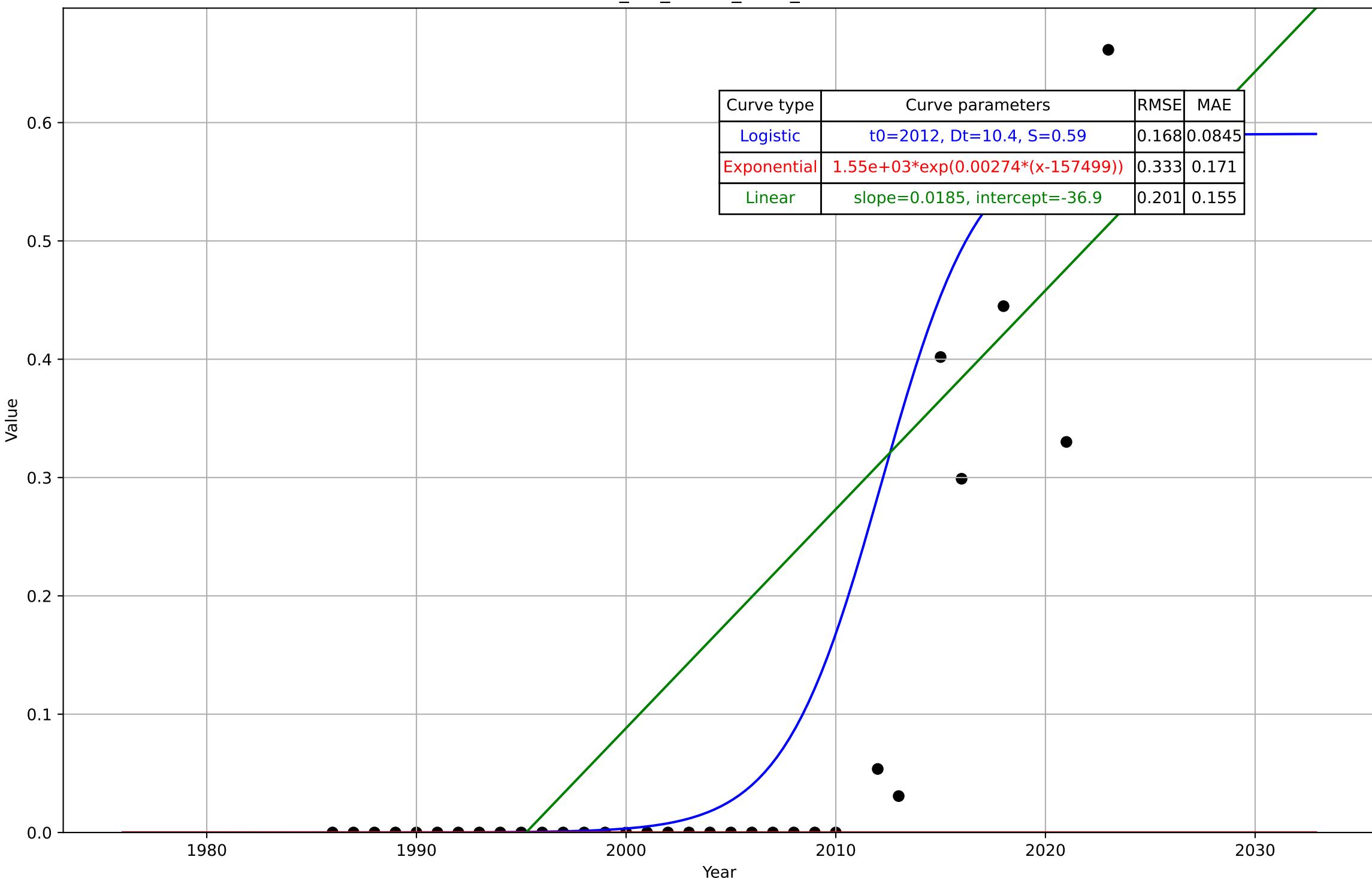
Energy community
Netherlands
2.5
Share of PV in new projects
% PV in new projects
Variety (Choice Availability)
ene_net_2.5Var_d193_m082

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=10.4, S=0.59	0.168	0.0845
Exponential	1.55e+03*exp(0.00274*(x-157499))	0.333	0.171
Linear	slope=0.0185, intercept=-36.9	0.201	0.155
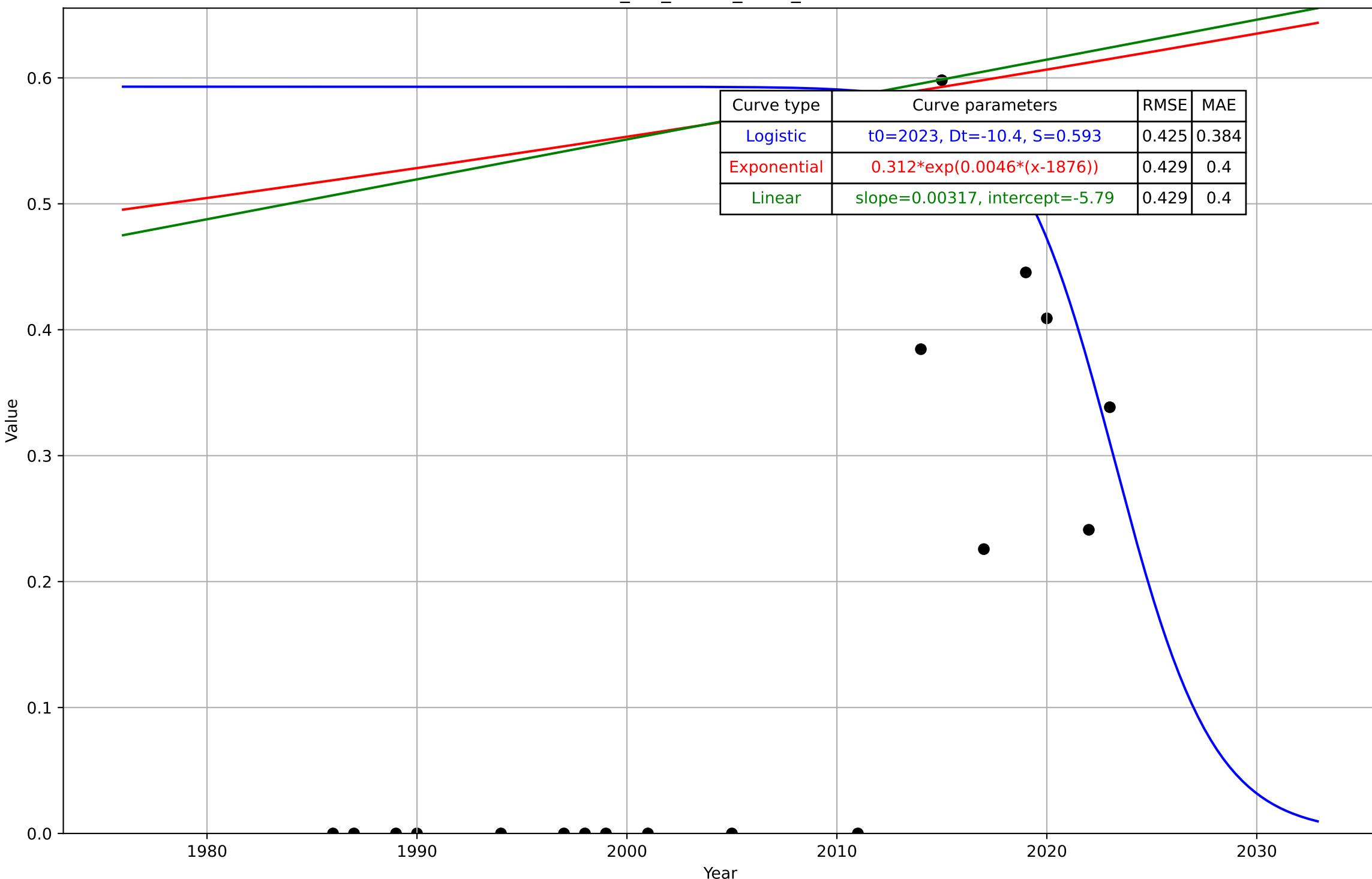
Energy community
Netherlands
2.5
Share of wind in new projects
% wind in new projects
Variety (Choice Availability)
ene_net_2.5Var_d194_m087
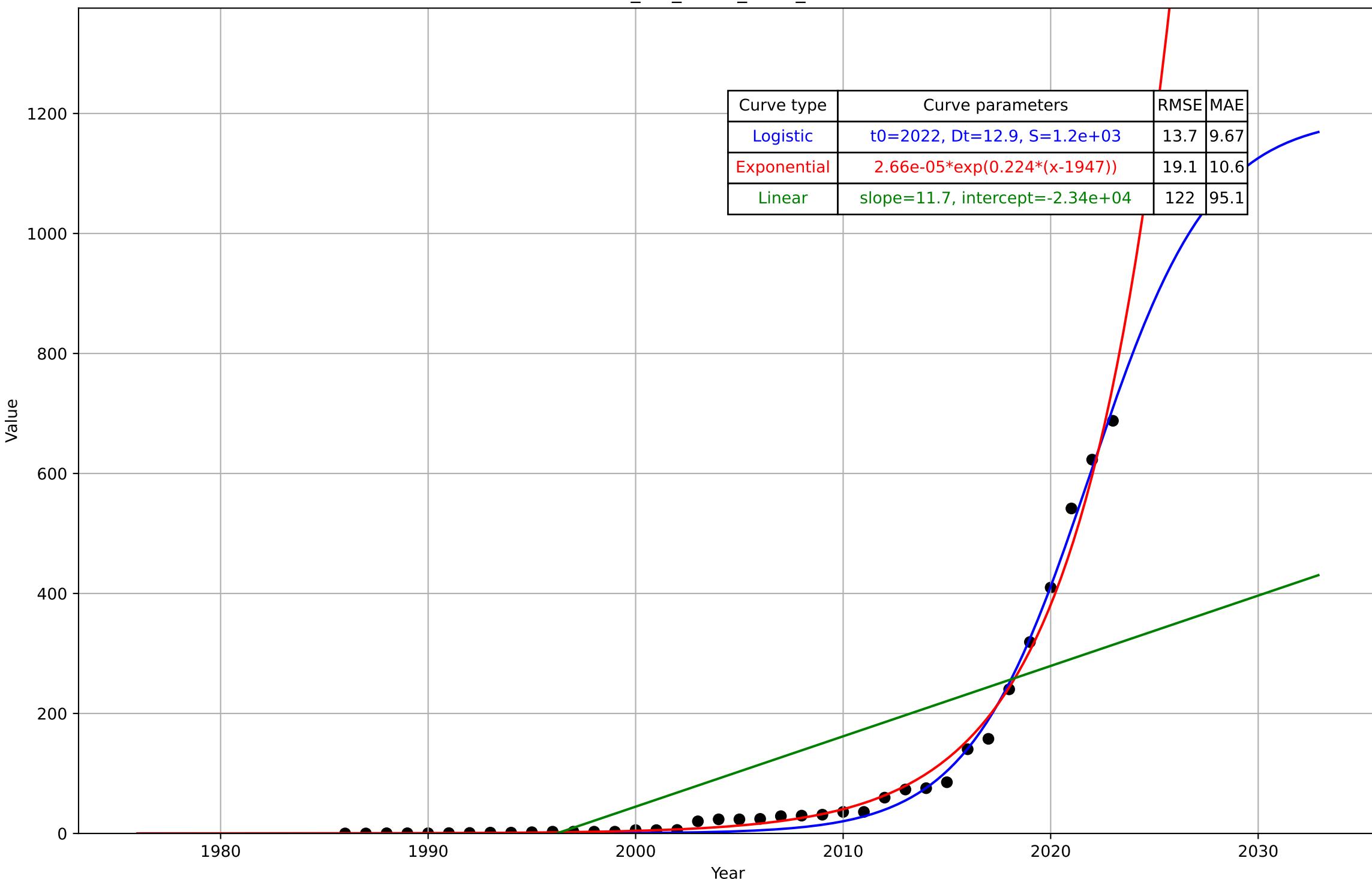
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2023, Dt=-10.4, S=0.593	0.425	0.384
Exponential	0.312*exp(0.0046*(x-1876))	0.429	0.4
Linear	slope=0.00317, intercept=-5.79	0.429	0.4
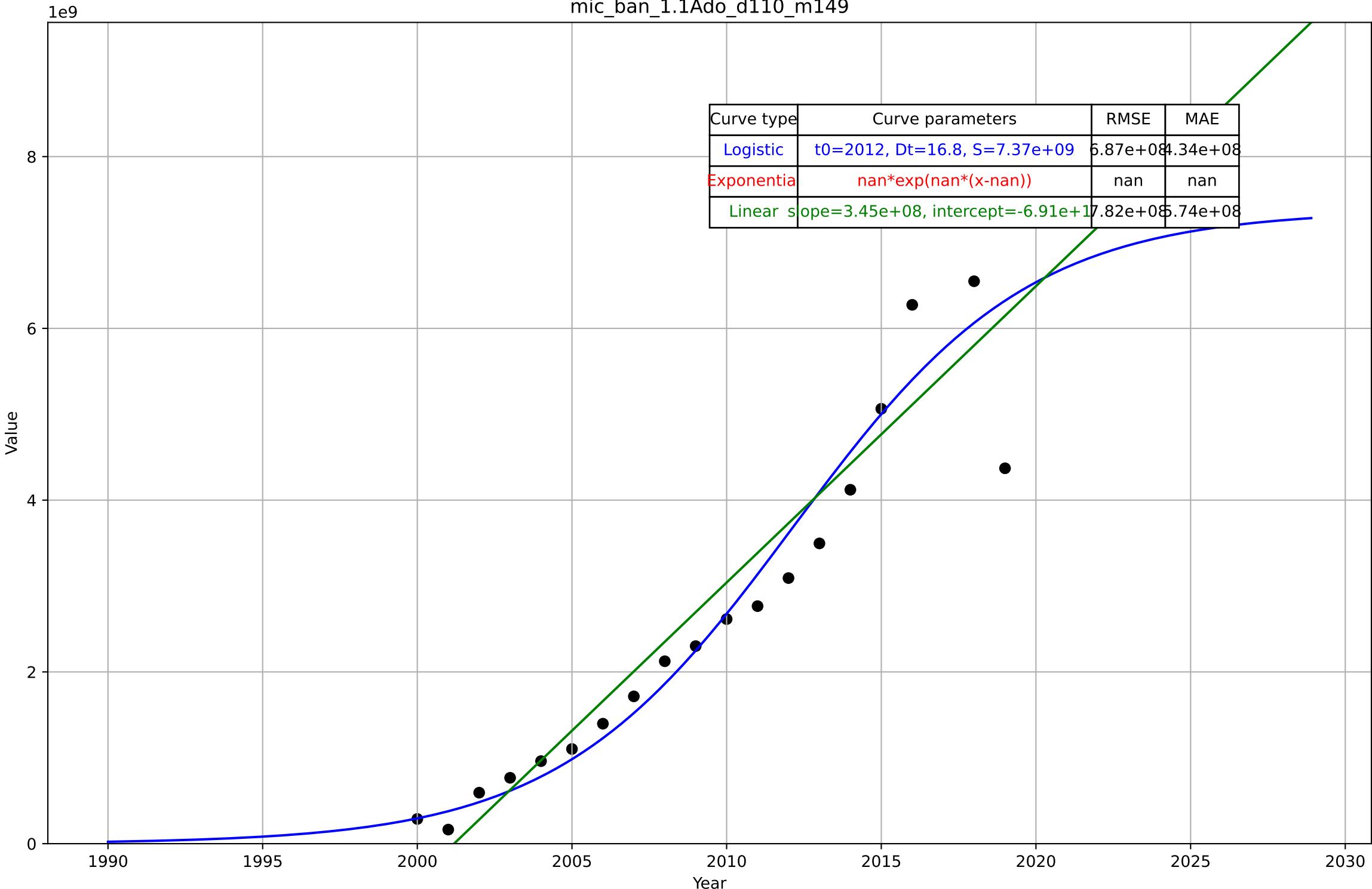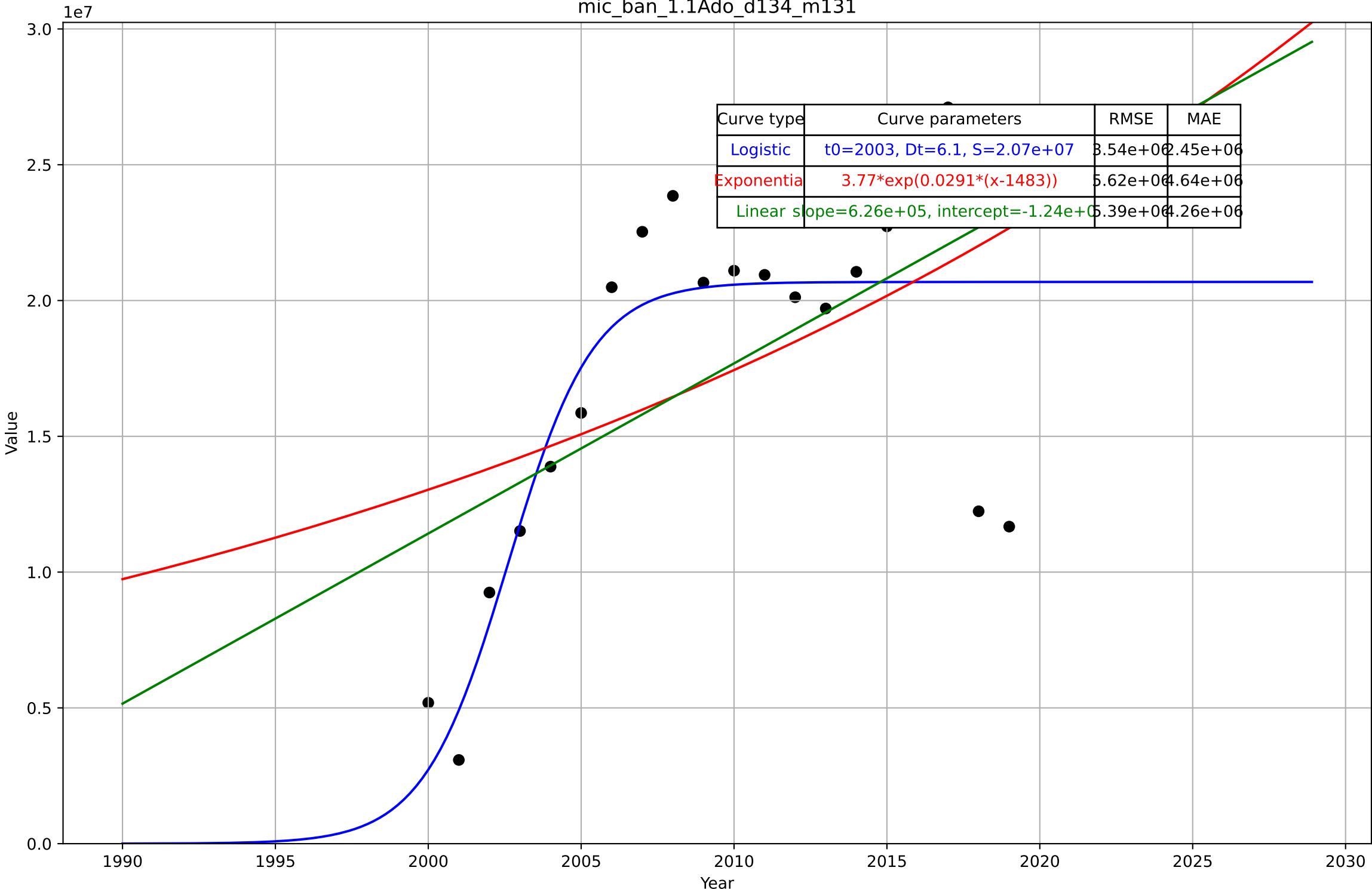
Energy community
Netherlands
2.9
Energy community installed capacity
MW
Interdependence with Hardware
ene_net_2.9Int_d091_m130

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=12.9, S=1.2e+03	13.7	9.67
Exponential	2.66e-05*exp(0.224*(x-1947))	19.1	10.6
Linear	slope=11.7, intercept=-2.34e+04	122	95.1
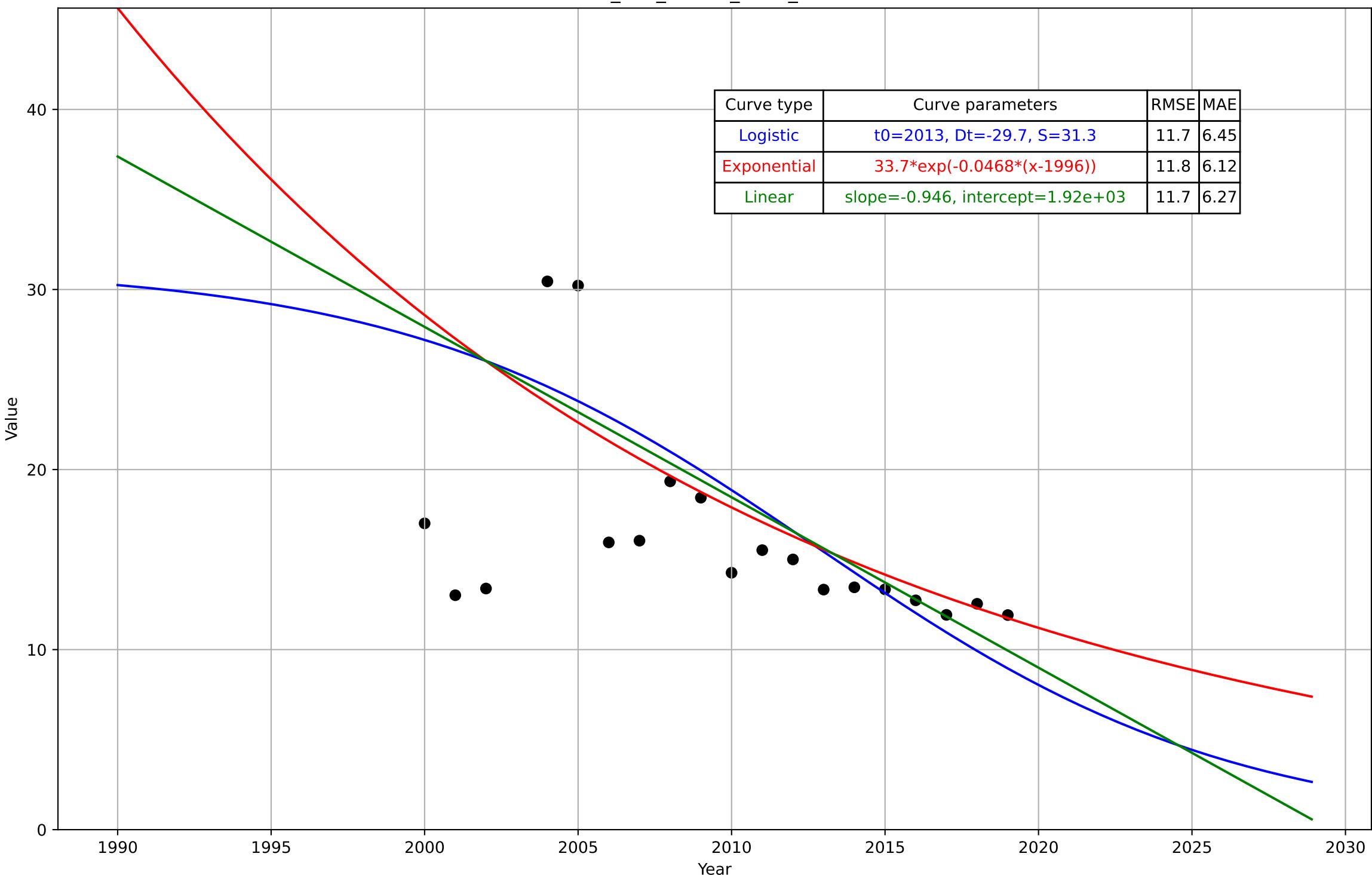
Microfinance
Bangladesh
1.1
Gross lender loan portfolio
USD
Adoption over time
mic_ban_1.1Ado_d110_m149

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=16.8, S=7.37e+09	6.87e+08	4.34e+08
Exponentia	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=3.45e+08, intercept=-6.91e+17	7.82e+08	5.74e+08
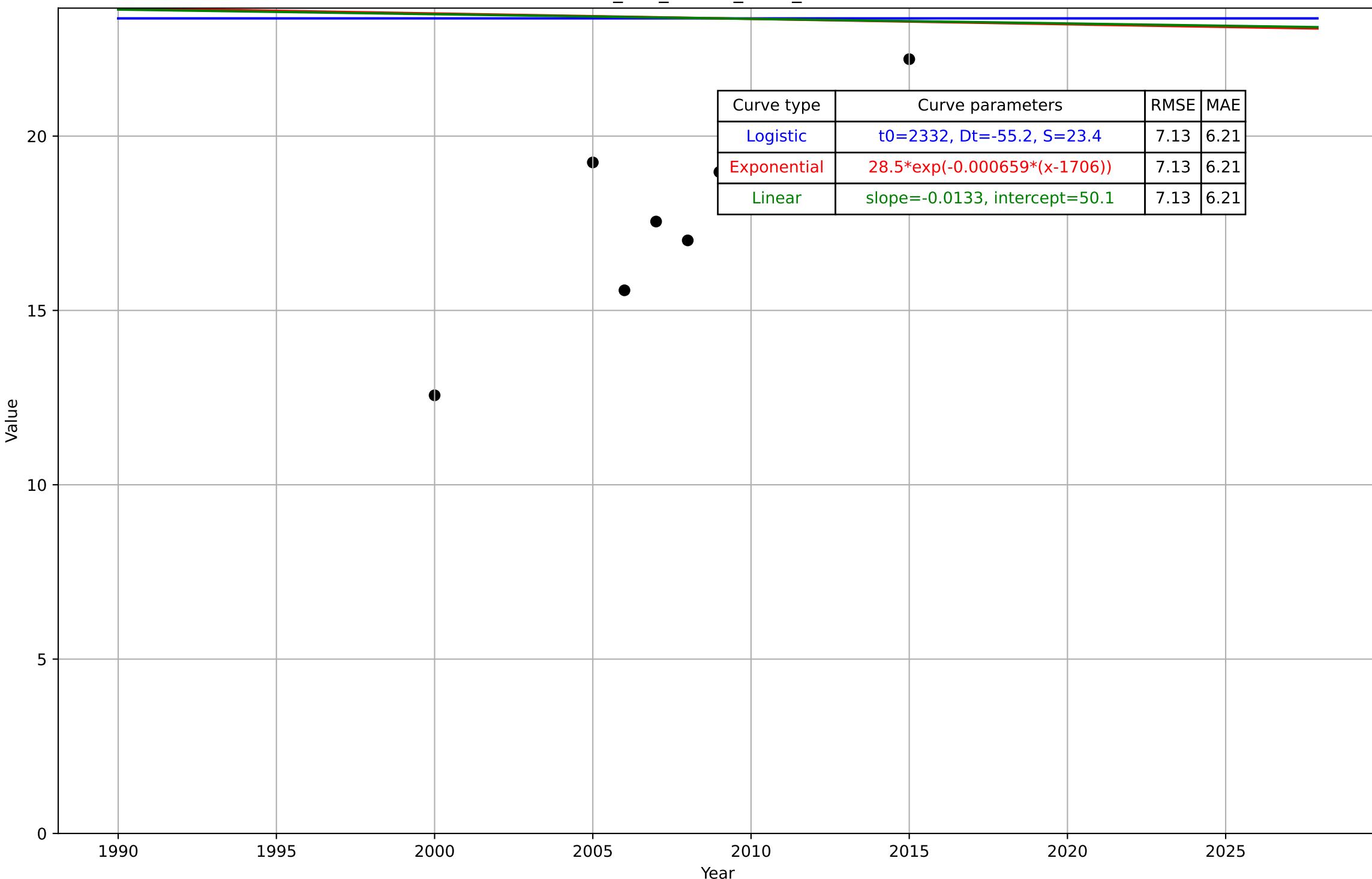
Microfinance
Bangladesh
1.1
Number of active borrowers
No.
Adoption over time
mic_ban_1.1Ado_d134_m131

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=6.1, S=2.07e+07	3.54e+06	2.45e+06
Exponential	3.77*exp(0.0291*(x-1483))	5.62e+06	4.64e+06
Linear	slope=6.26e+05, intercept=-1.24e+09	5.39e+06	4.26e+06
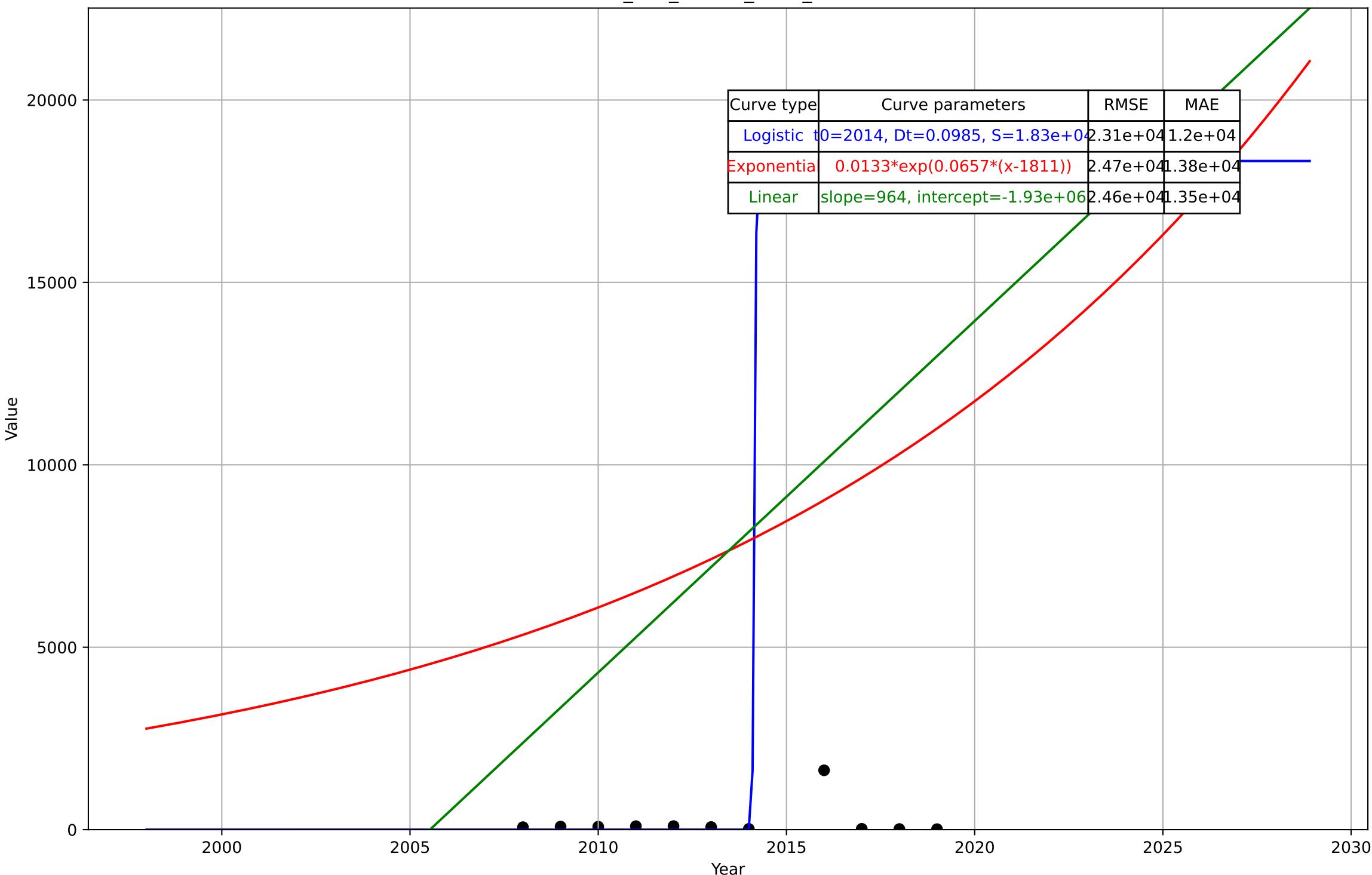
Microfinance
Bangladesh
2.1
Operating expense / loan portfolio
%
Learning
mic_ban_2.1Lea_d151_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=-29.7, S=31.3	11.7	6.45
Exponential	33.7*exp(-0.0468*(x-1996))	11.8	6.12
Linear	slope=-0.946, intercept=1.92e+03	11.7	6.27

Microfinance
Bangladesh
2.7
Average loan balance per borrower / GNI per capita
%
Granularity (Unit Size)
mic_ban_2.7Gra_d053_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2332, Dt=-55.2, S=23.4	7.13	6.21
Exponential	28.5*exp(-0.000659*(x-1706))	7.13	6.21
Linear	slope=-0.0133, intercept=50.1	7.13	6.21

Microfinance
Bangladesh
3.2
Clients below poverty line
%
Adopter Characteristics
mic_ban_3.2Adc_d069_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=0.0985, S=1.83e+04	2.31e+04	1.2e+04
Exponential	0.0133*exp(0.0657*(x-1811))	2.47e+04	1.38e+04
Linear	slope=964, intercept=-1.93e+06	2.46e+04	1.35e+04
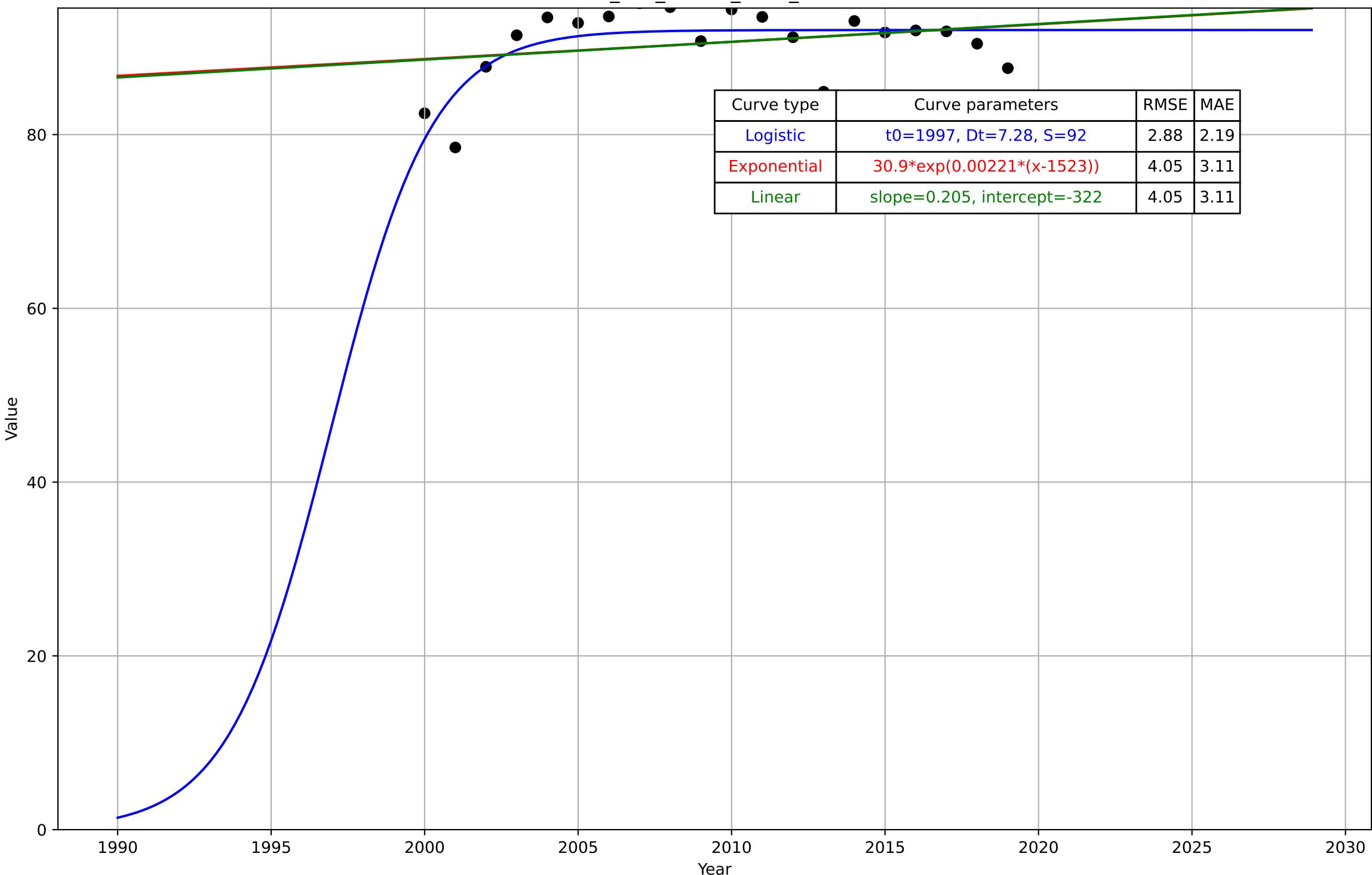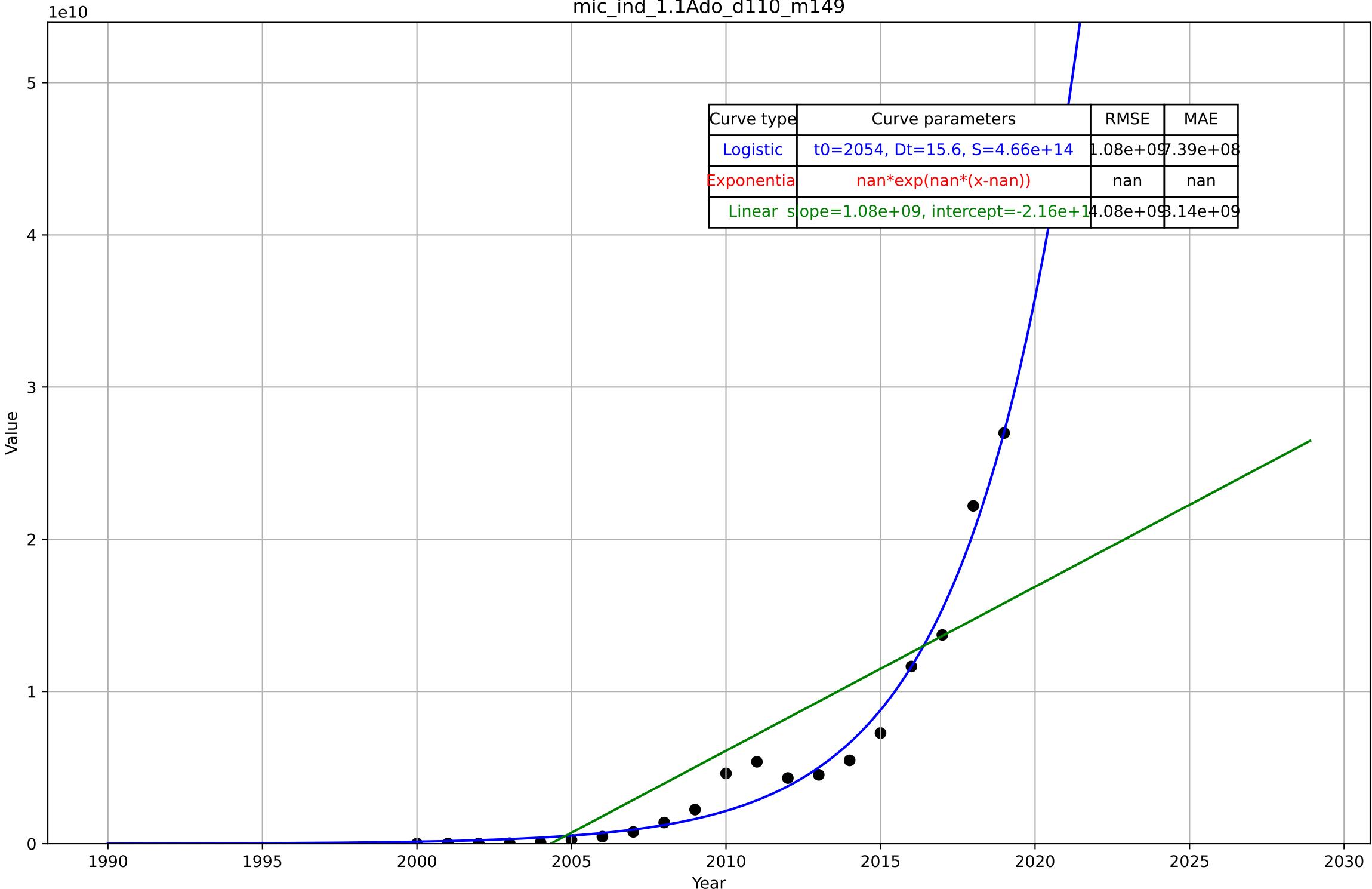
Microfinance
Bangladesh
3.2
Female borrowers
%
Adopter characteristics
mic_ban_3.2Adc_d096_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1997, Dt=7.28, S=92	2.88	2.19
Exponential	30.9*exp(0.00221*(x-1523))	4.05	3.11
Linear	slope=0.205, intercept=-322	4.05	3.11

Microfinance
India
1.1
Gross lender loan portfolio
USD
Adoption over time
mic_ind_1.1Ado_d110_m149

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2054, Dt=15.6, S=4.66e+14	1.08e+09	7.39e+08
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=1.08e+09, intercept=-2.16e+14	4.08e+09	3.14e+09

Microfinance
India
1.1
Number of active borrowers
No.
Adoption over time
mic_ind_1.1Ado_d134_m131
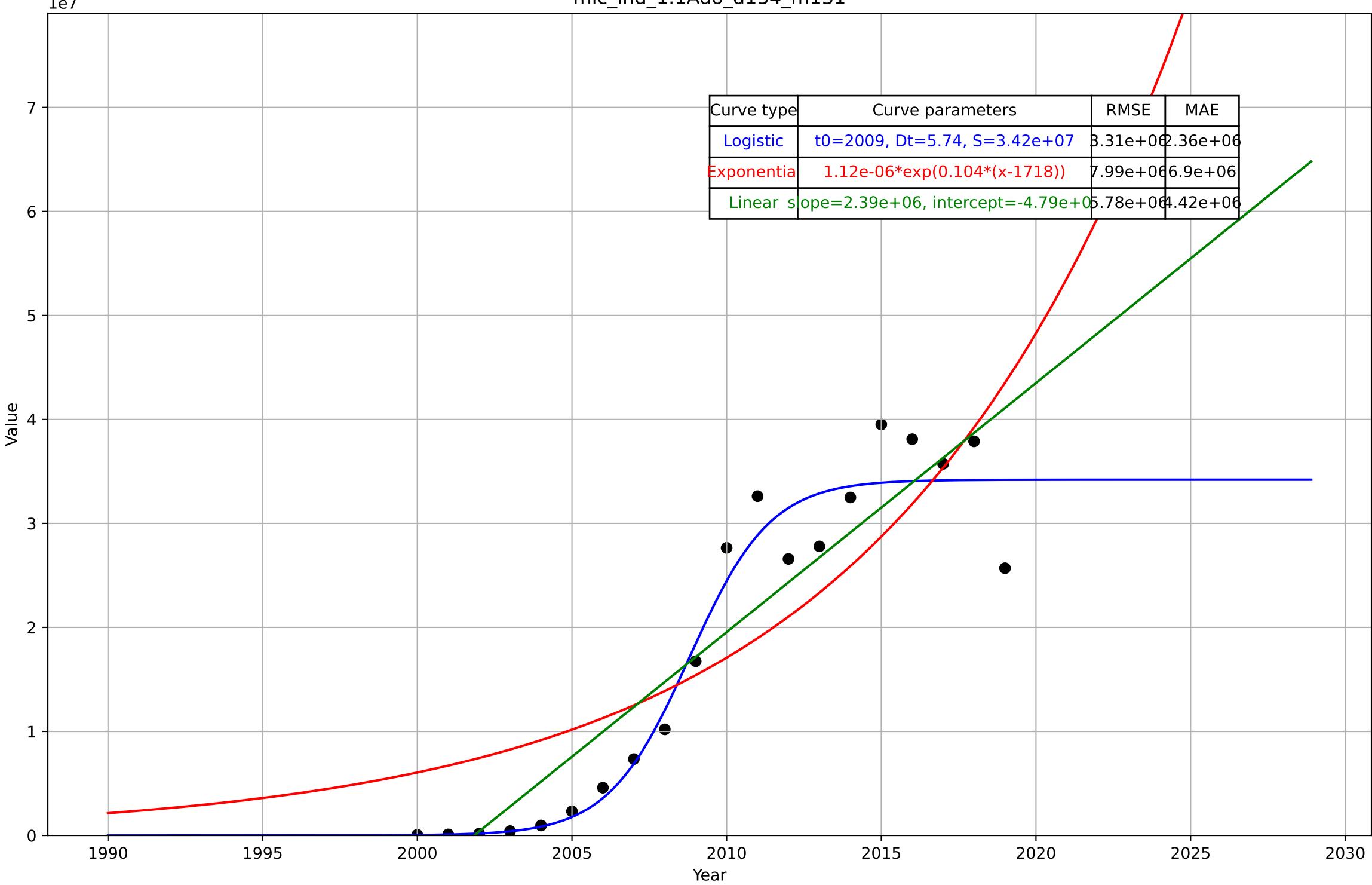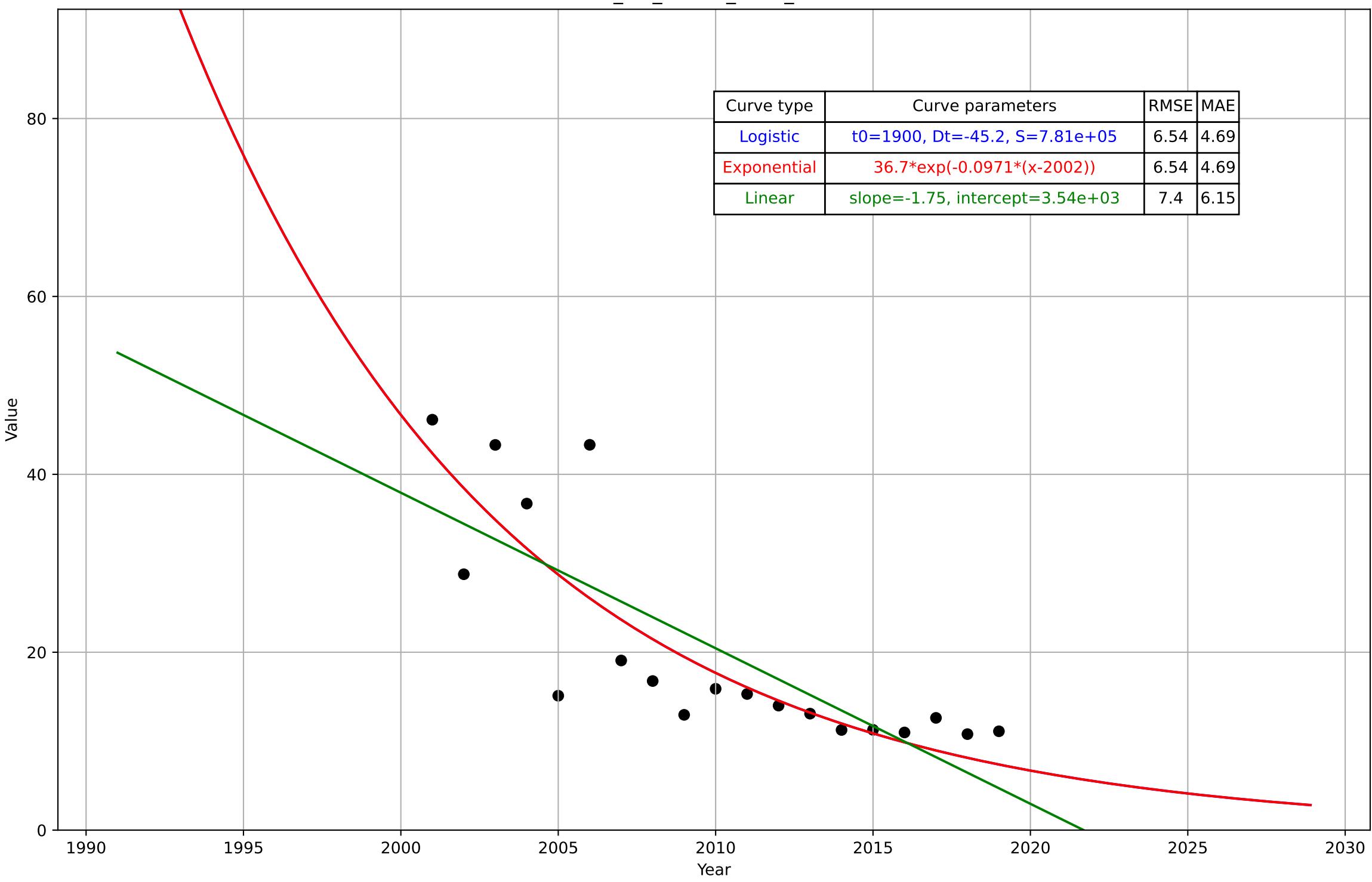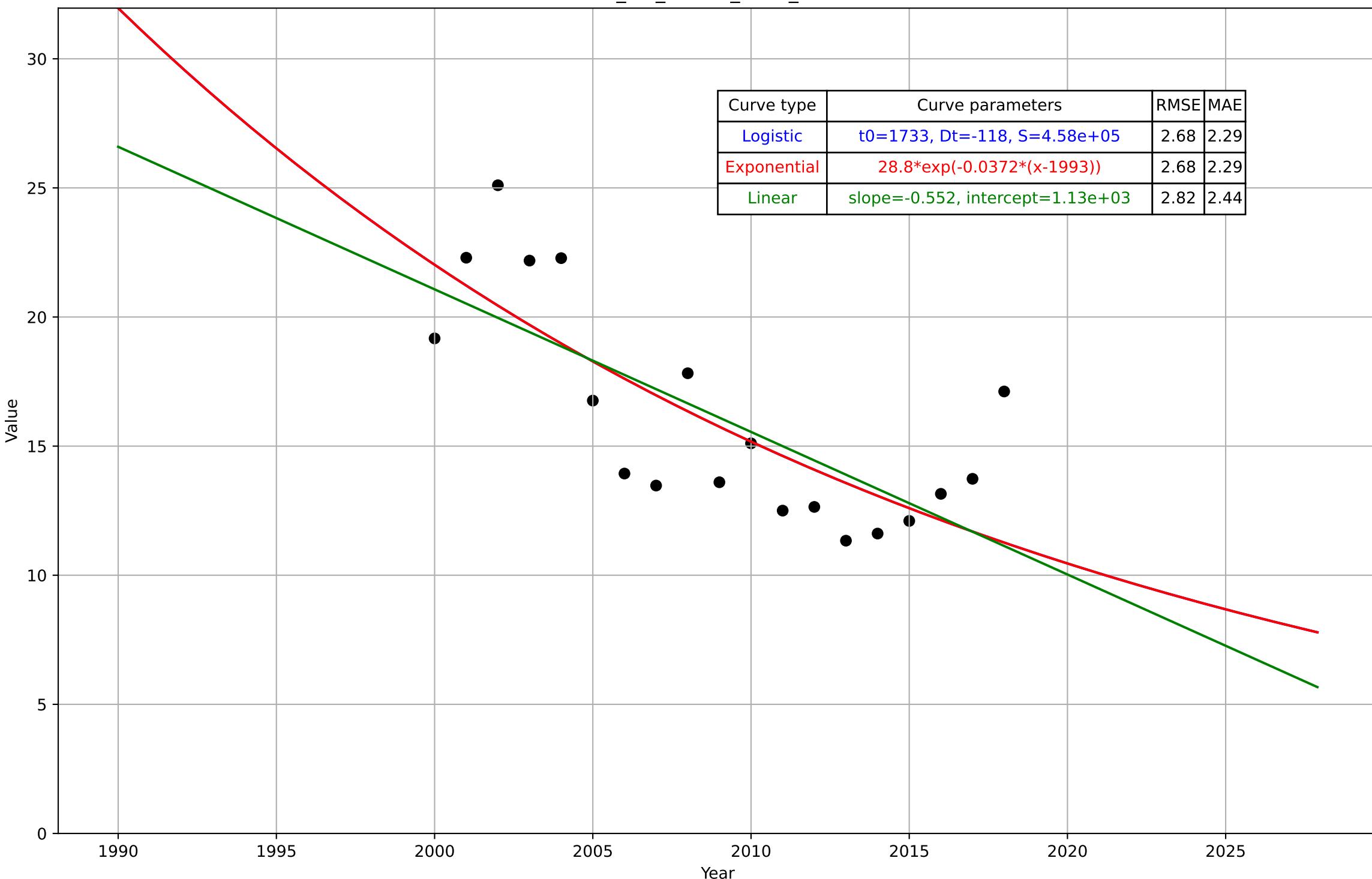
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=5.74, S=3.42e+07	3.31e+06	2.36e+06
Exponential	1.12e-06*exp(0.104*(x-1718))	7.99e+06	6.9e+06
Linear	slope=2.39e+06, intercept=-4.79e+05	5.78e+06	4.42e+06
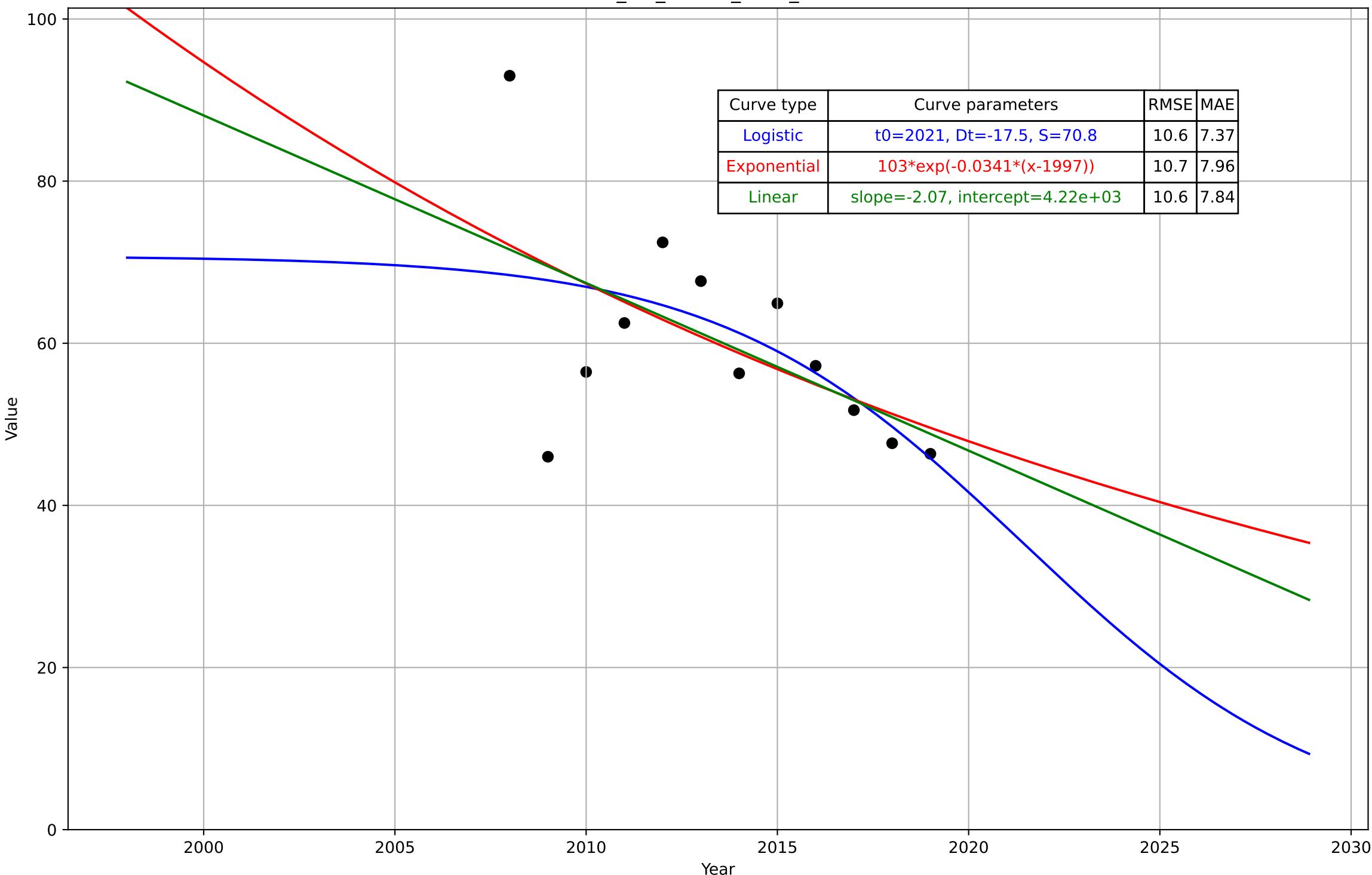
Microfinance
India
2.1
Operating expense / loan portfolio
%
Learning
mic_ind_2.1Lea_d151_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1900, Dt=-45.2, S=7.81e+05	6.54	4.69
Exponential	36.7*exp(-0.0971*(x-2002))	6.54	4.69
Linear	slope=-1.75, intercept=3.54e+03	7.4	6.15
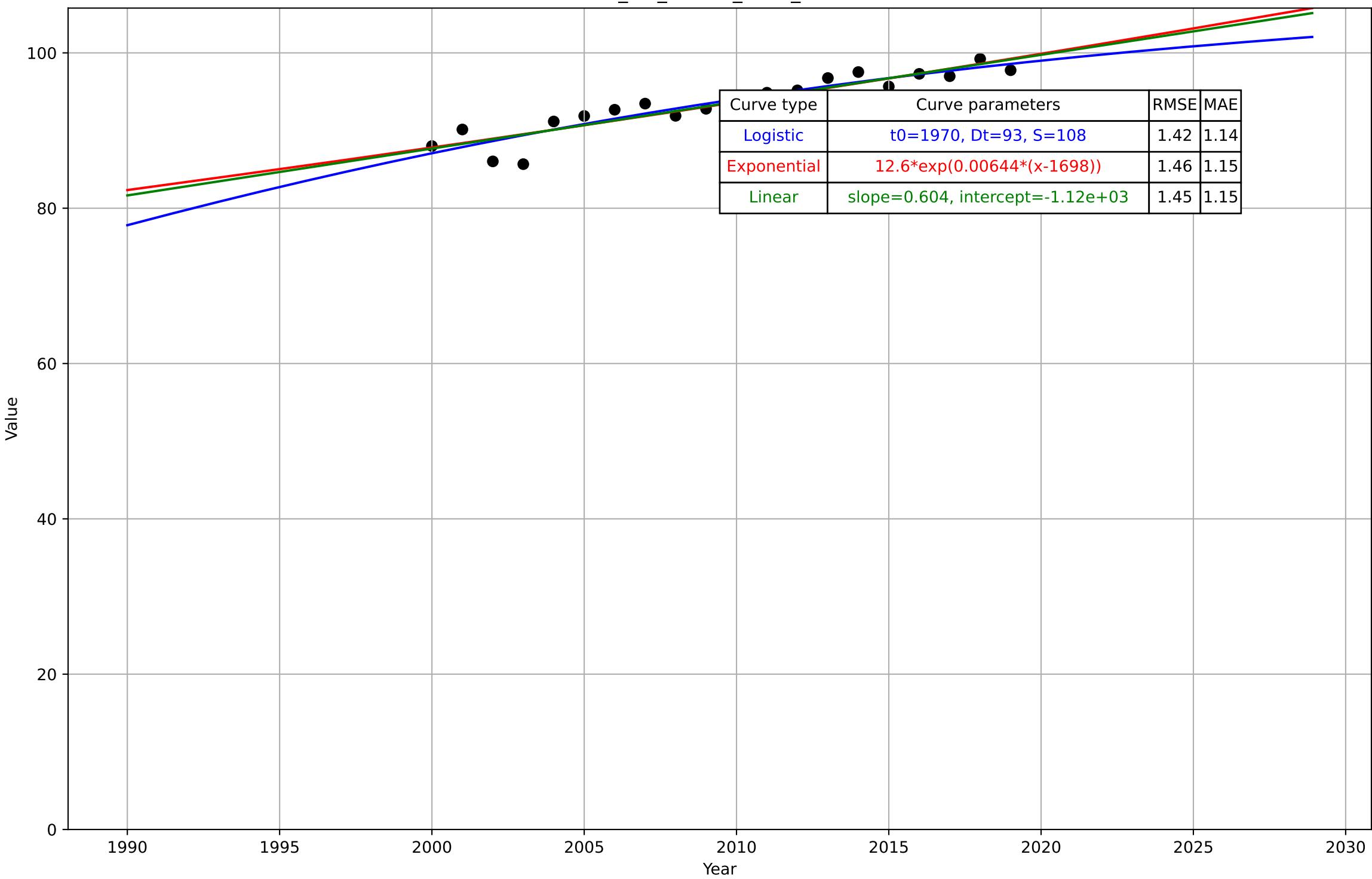
Microfinance
India
2.7
Average loan balance per borrower / GNI per capita
%
Granularity (Unit Size)
mic_ind_2.7Gra_d053_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1733, Dt=-118, S=4.58e+05	2.68	2.29
Exponential	28.8*exp(-0.0372*(x-1993))	2.68	2.29
Linear	slope=-0.552, intercept=1.13e+03	2.82	2.44
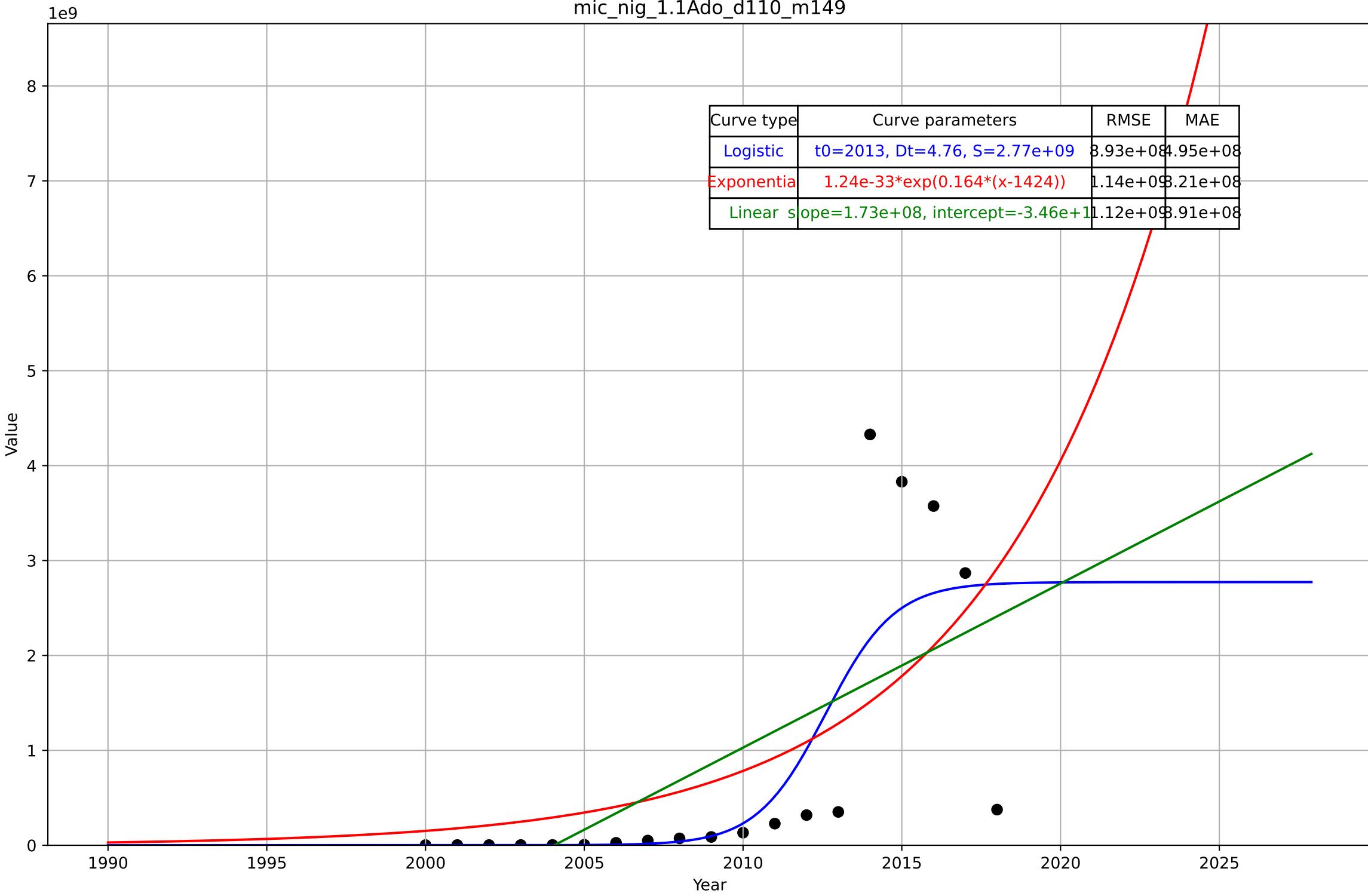
Microfinance
India
3.2
Clients below poverty line
%
Adopter Characteristics
mic_ind_3.2Adc_d069_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-17.5, S=70.8	10.6	7.37
Exponential	103*exp(-0.0341*(x-1997))	10.7	7.96
Linear	slope=-2.07, intercept=4.22e+03	10.6	7.84

Microfinance
India
3.2
Female borrowers
%
Adopter Characteristics
mic_ind_3.2Adc_d096_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1970, Dt=93, S=108	1.42	1.14
Exponential	12.6*exp(0.00644*(x-1698))	1.46	1.15
Linear	slope=0.604, intercept=-1.12e+03	1.45	1.15

Microfinance
Nigeria
1.1
Gross lender loan portfolio
USD
Adoption over time
mic_nig_1.1Ado_d110_m149

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=4.76, S=2.77e+09	3.93e+08	4.95e+08
Exponential	1.24e-33*exp(0.164*(x-1424))	1.14e+09	3.21e+08
Linear	slope=1.73e+08, intercept=-3.46e+11	1.12e+09	3.91e+08
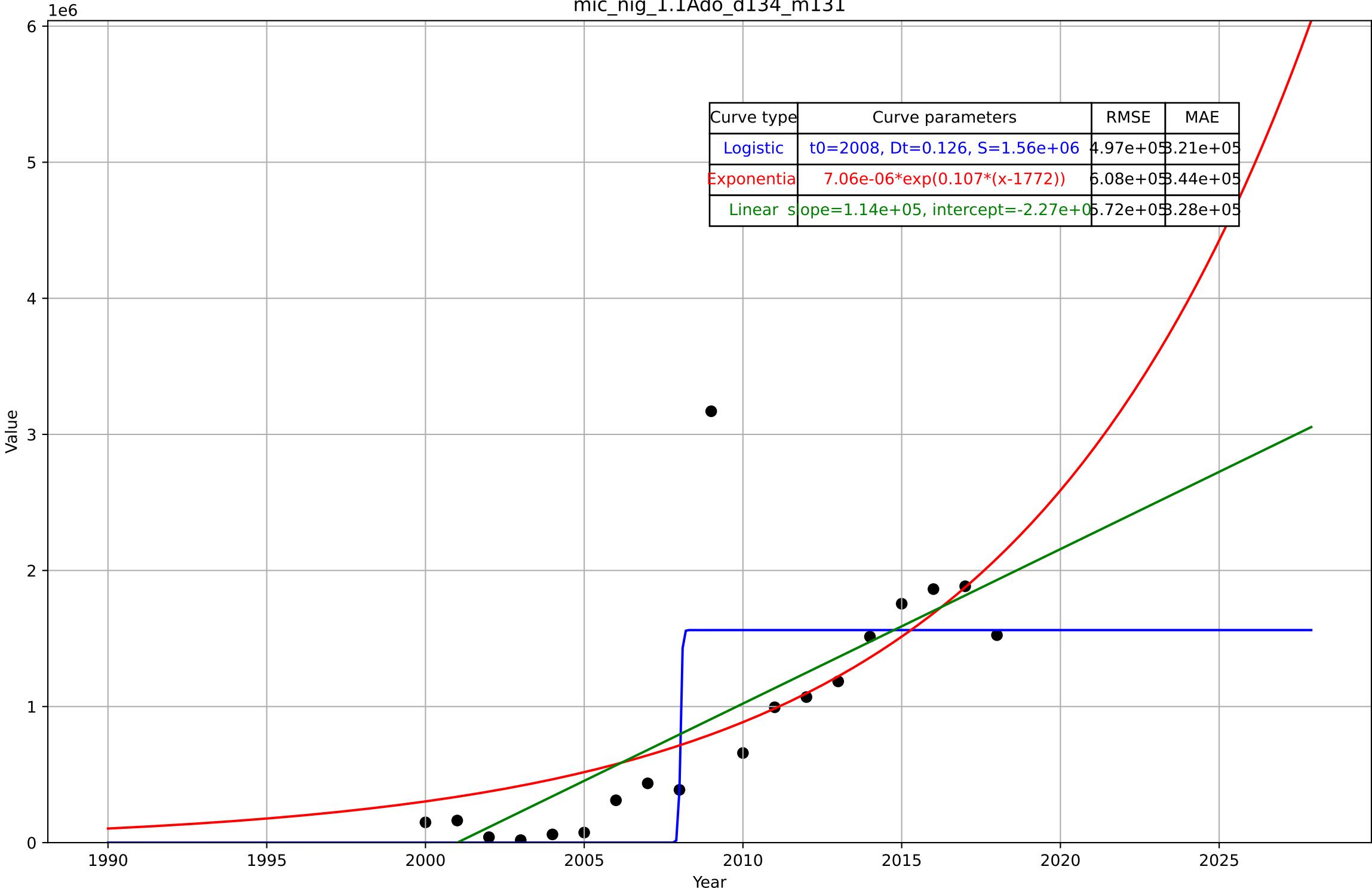
Microfinance
Nigeria
1.1
Number of active borrowers
No.
Adoption over time
mic_nig_1.1Ado_d134_m131

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=0.126, S=1.56e+06	4.97e+05	3.21e+05
Exponential	7.06e-06*exp(0.107*(x-1772))	6.08e+05	3.44e+05
Linear	slope=1.14e+05, intercept=-2.27e+06	5.72e+05	3.28e+05
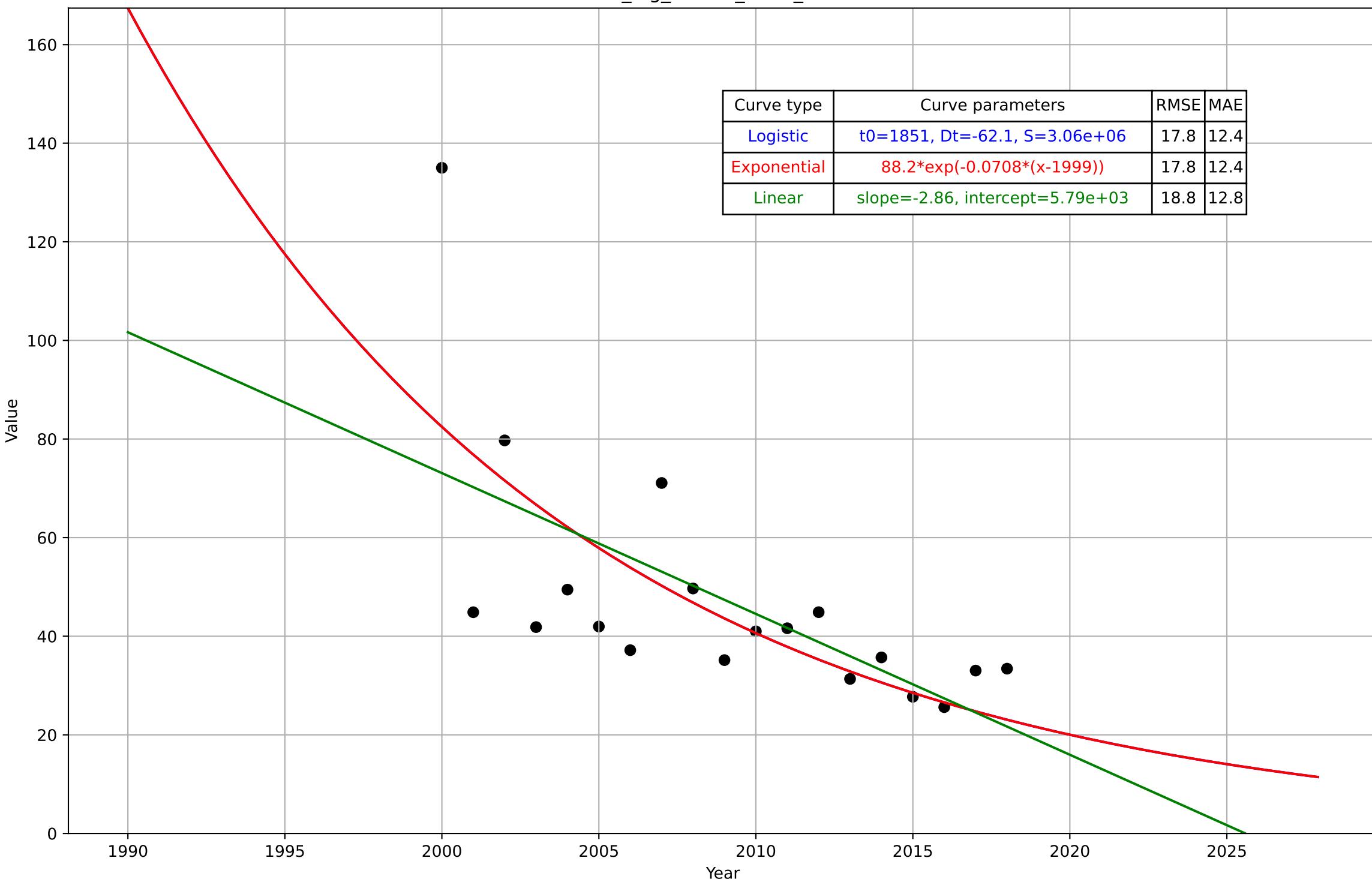
Microfinance
Nigeria
2.1
Operating expense / loan portfolio
%
Learning
mic_nig_2.1Lea_d151_m025
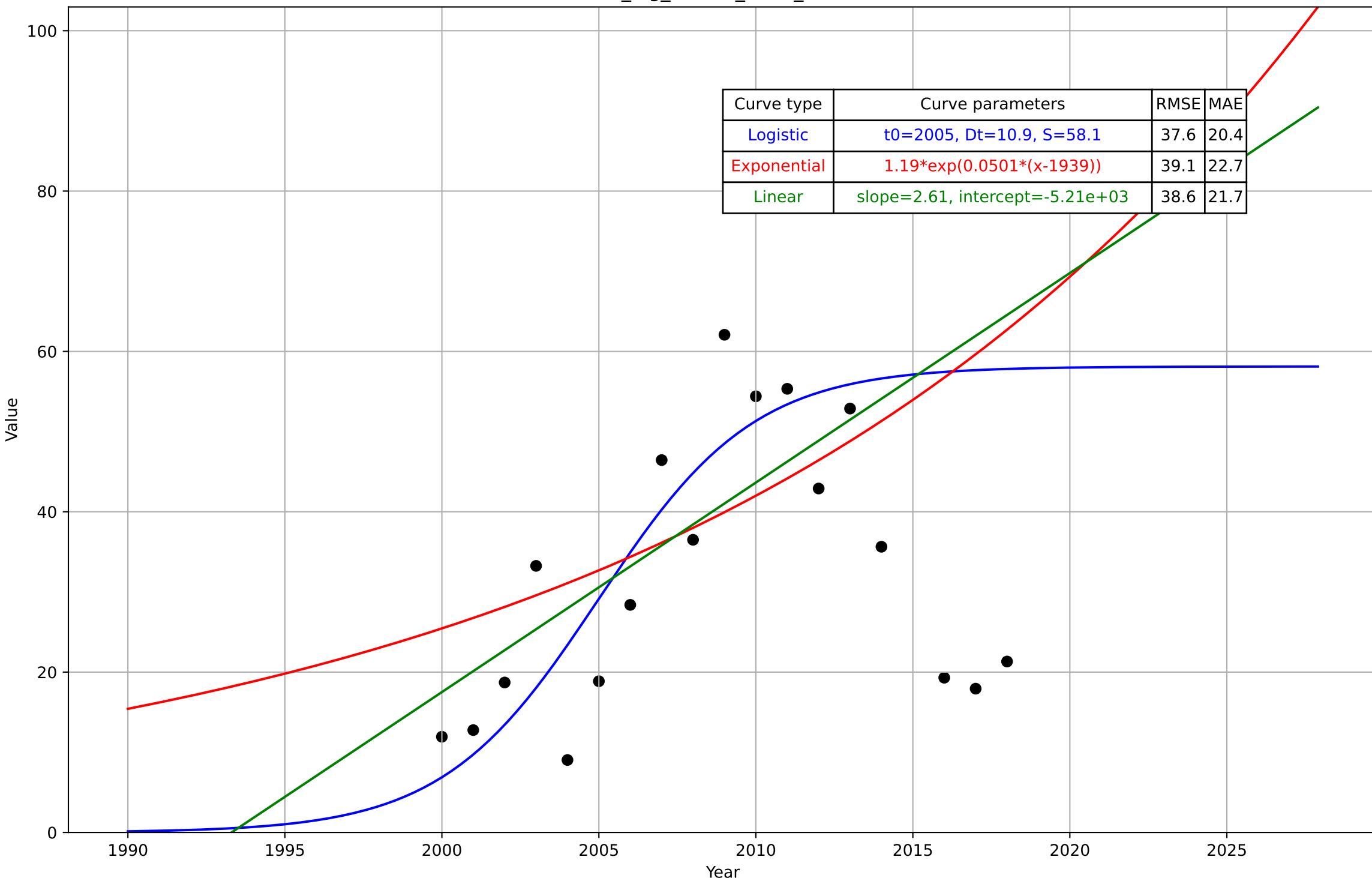
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1851, Dt=-62.1, S=3.06e+06	17.8	12.4
Exponential	88.2*exp(-0.0708*(x-1999))	17.8	12.4
Linear	slope=-2.86, intercept=5.79e+03	18.8	12.8
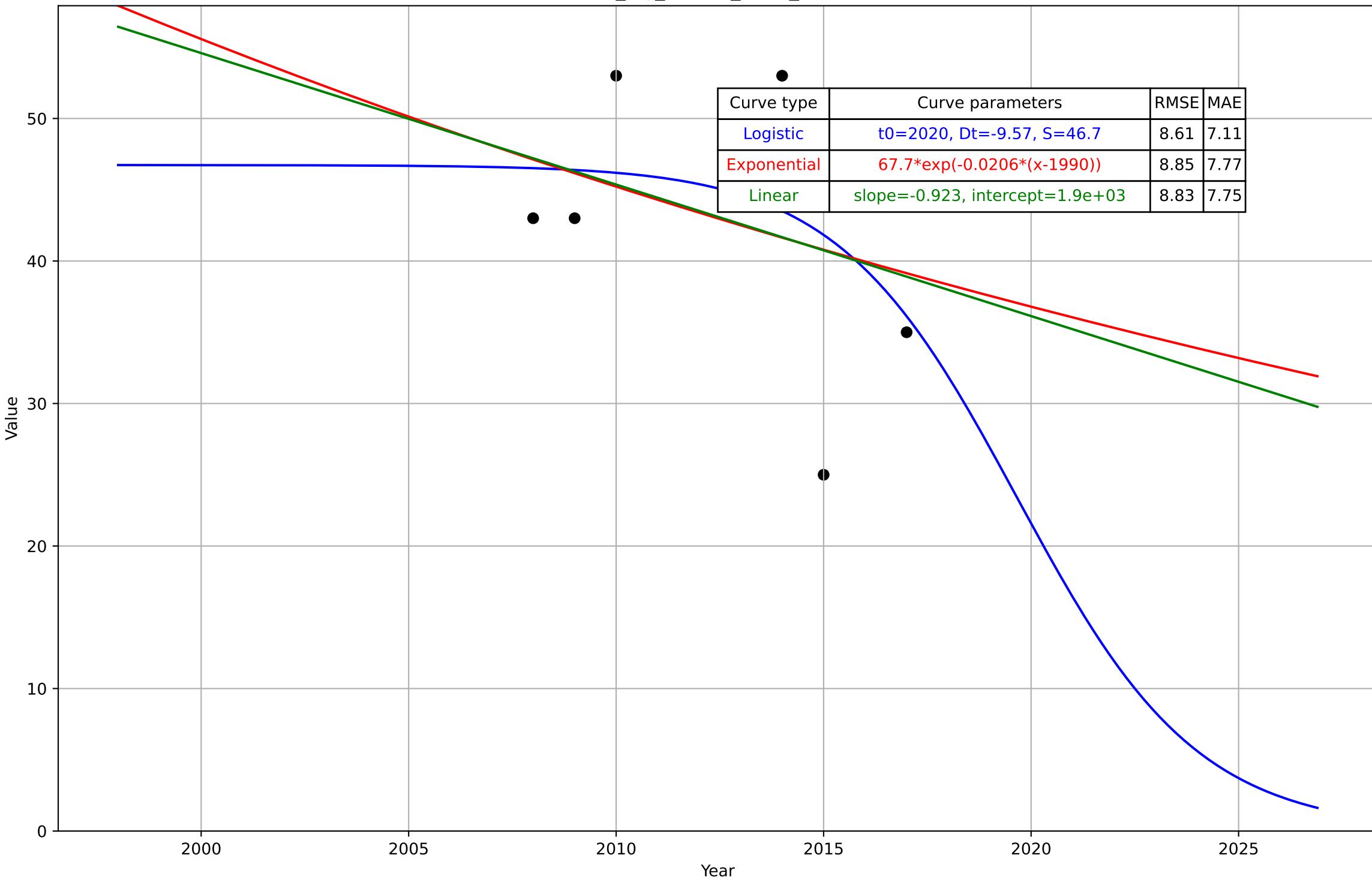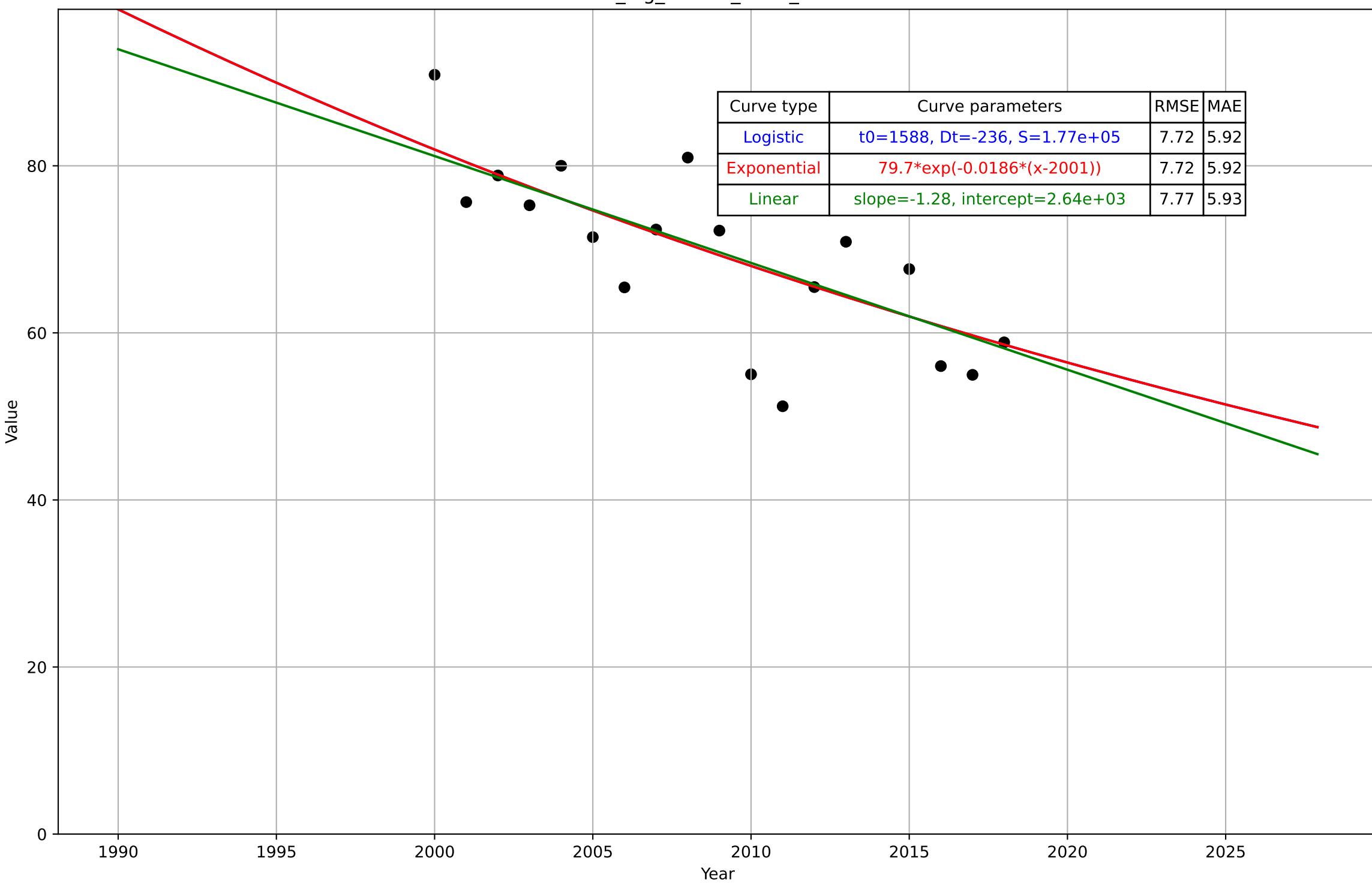
Microfinance
Nigeria
2.7
Average loan balance per borrower / GNI per capita
%
Granularity (Unit Size)
mic_nig_2.7Gra_d053_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2005, Dt=10.9, S=58.1	37.6	20.4
Exponential	1.19*exp(0.0501*(x-1939))	39.1	22.7
Linear	slope=2.61, intercept=-5.21e+03	38.6	21.7
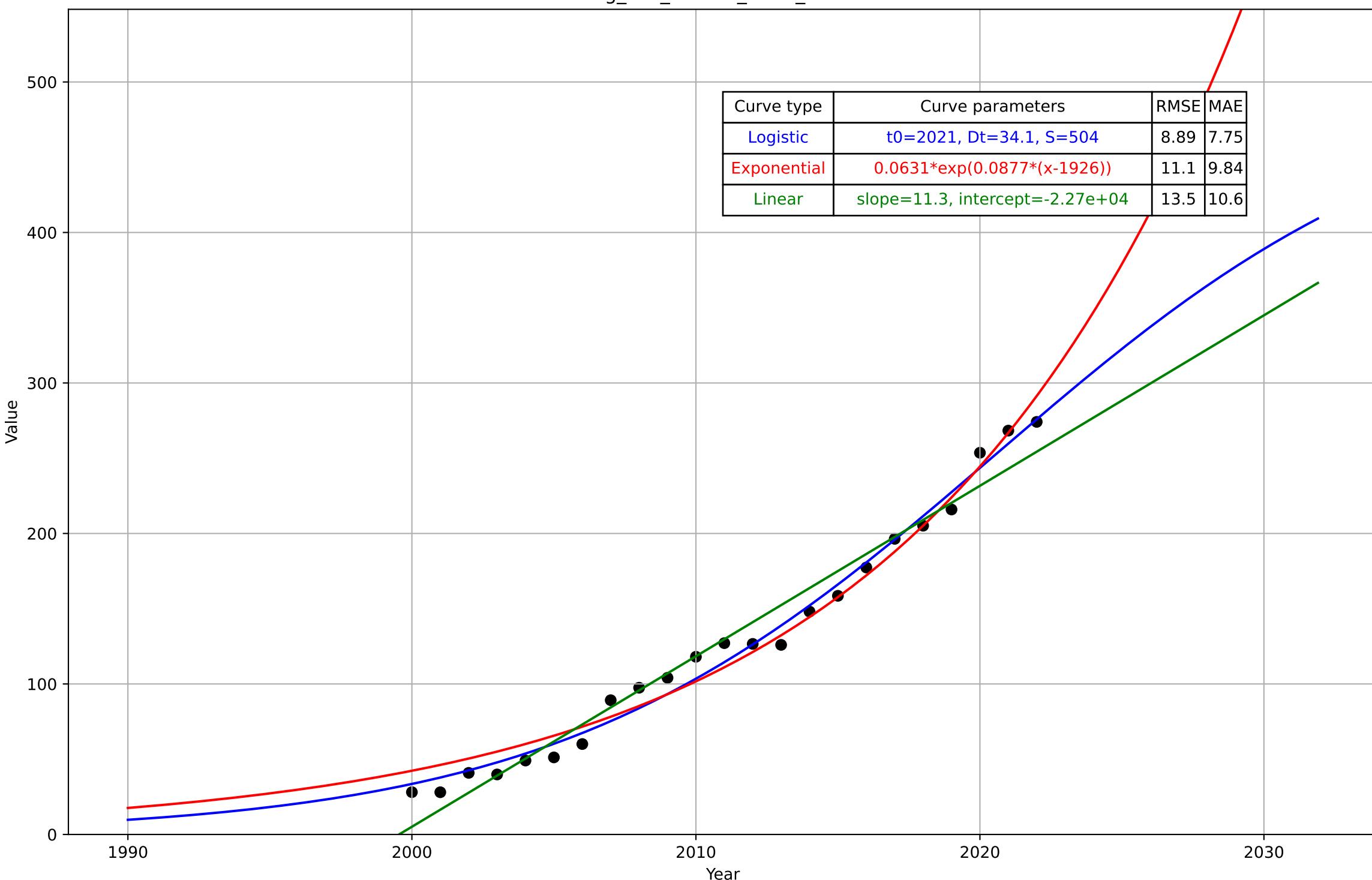
Microfinance
Nigeria
3.2
Clients below poverty line
%
Adopter Characteristics
mic_nig_3.2Adc_d069_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-9.57, S=46.7	8.61	7.11
Exponential	67.7*exp(-0.0206*(x-1990))	8.85	7.77
Linear	slope=-0.923, intercept=1.9e+03	8.83	7.75
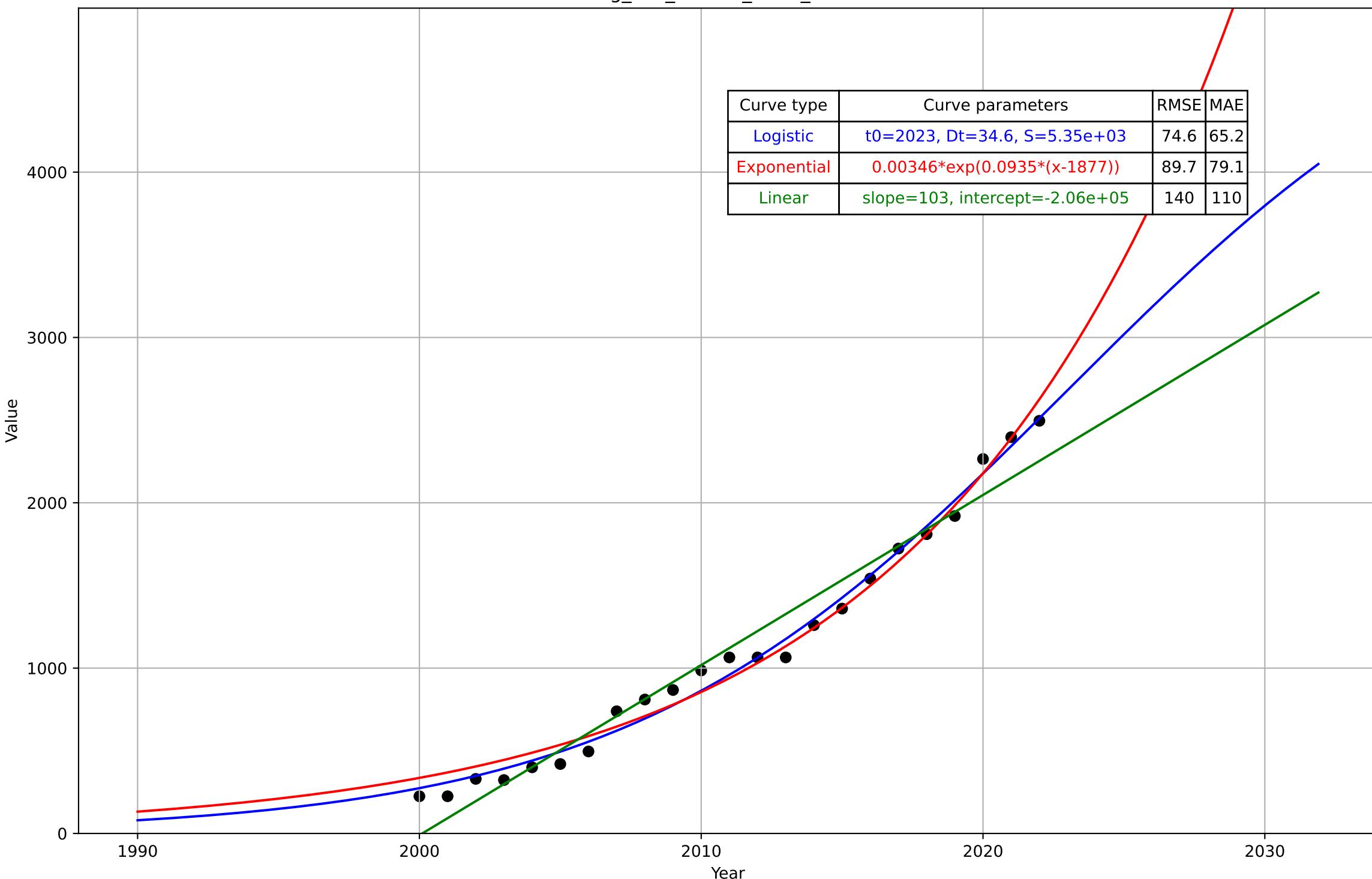
Microfinance
Nigeria
3.2
Female borrowers
%
Adopter Characteristics
mic_nig_3.2Adc_d096_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1588, Dt=-236, S=1.77e+05	7.72	5.92
Exponential	79.7*exp(-0.0186*(x-2001))	7.72	5.92
Linear	slope=-1.28, intercept=2.64e+03	7.77	5.93
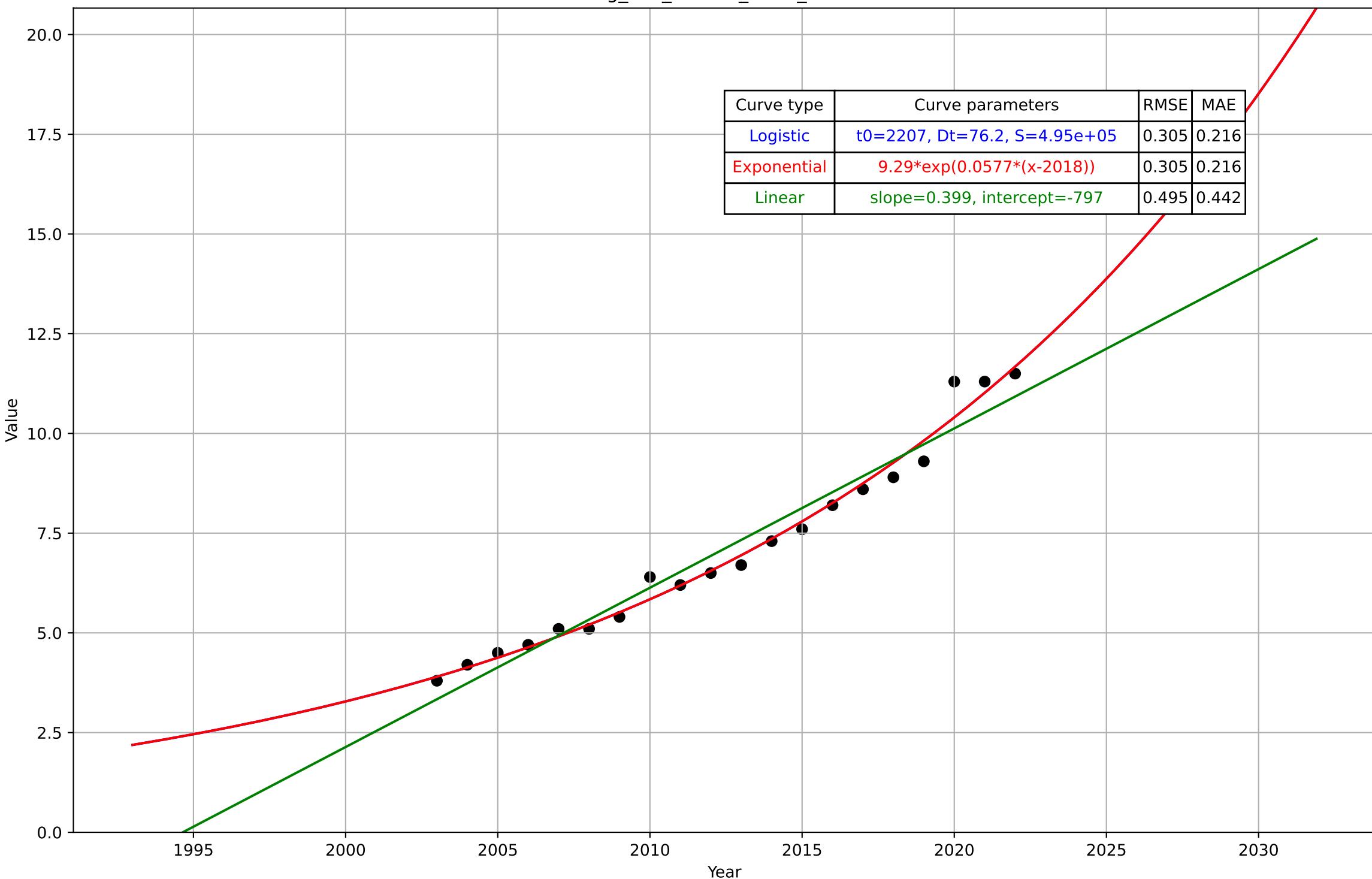
Organic food consumption
Austria
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_aus_1.1Ado_d157_m091
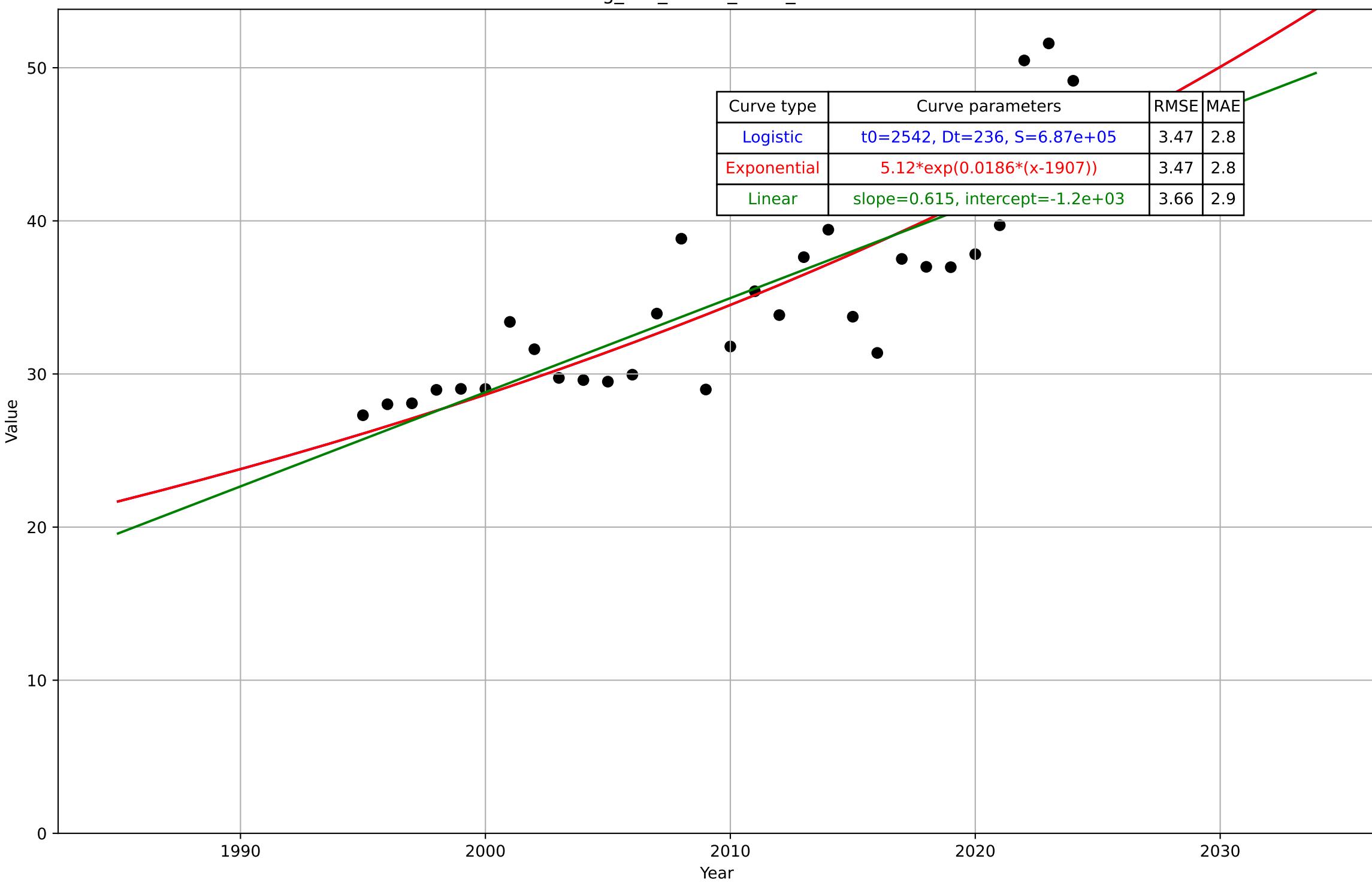
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=34.1, S=504	8.89	7.75
Exponential	0.0631*exp(0.0877*(x-1926))	11.1	9.84
Linear	slope=11.3, intercept=-2.27e+04	13.5	10.6

Organic food consumption
Austria
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_aus_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2023, Dt=34.6, S=5.35e+03	74.6	65.2
Exponential	0.00346*exp(0.0935*(x-1877))	89.7	79.1
Linear	slope=103, intercept=-2.06e+05	140	110

Value

Year

Organic food consumption
Austria
1.1
Organic retail sales share [%]
%
Adoption over time
org_aus_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2207, Dt=76.2, S=4.95e+05	0.305	0.216
Exponential	9.29*exp(0.0577*(x-2018))	0.305	0.216
Linear	slope=0.399, intercept=-797	0.495	0.442
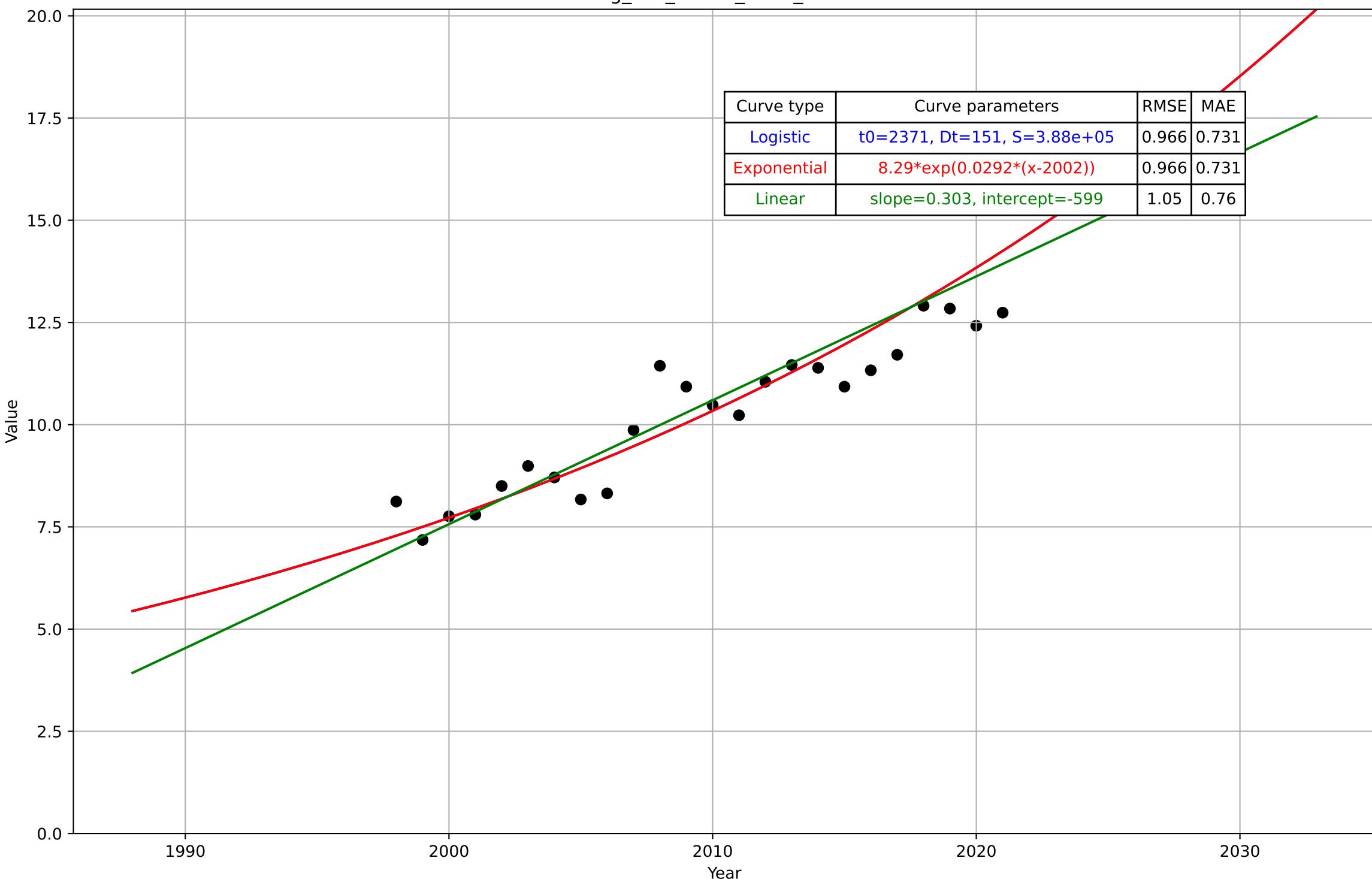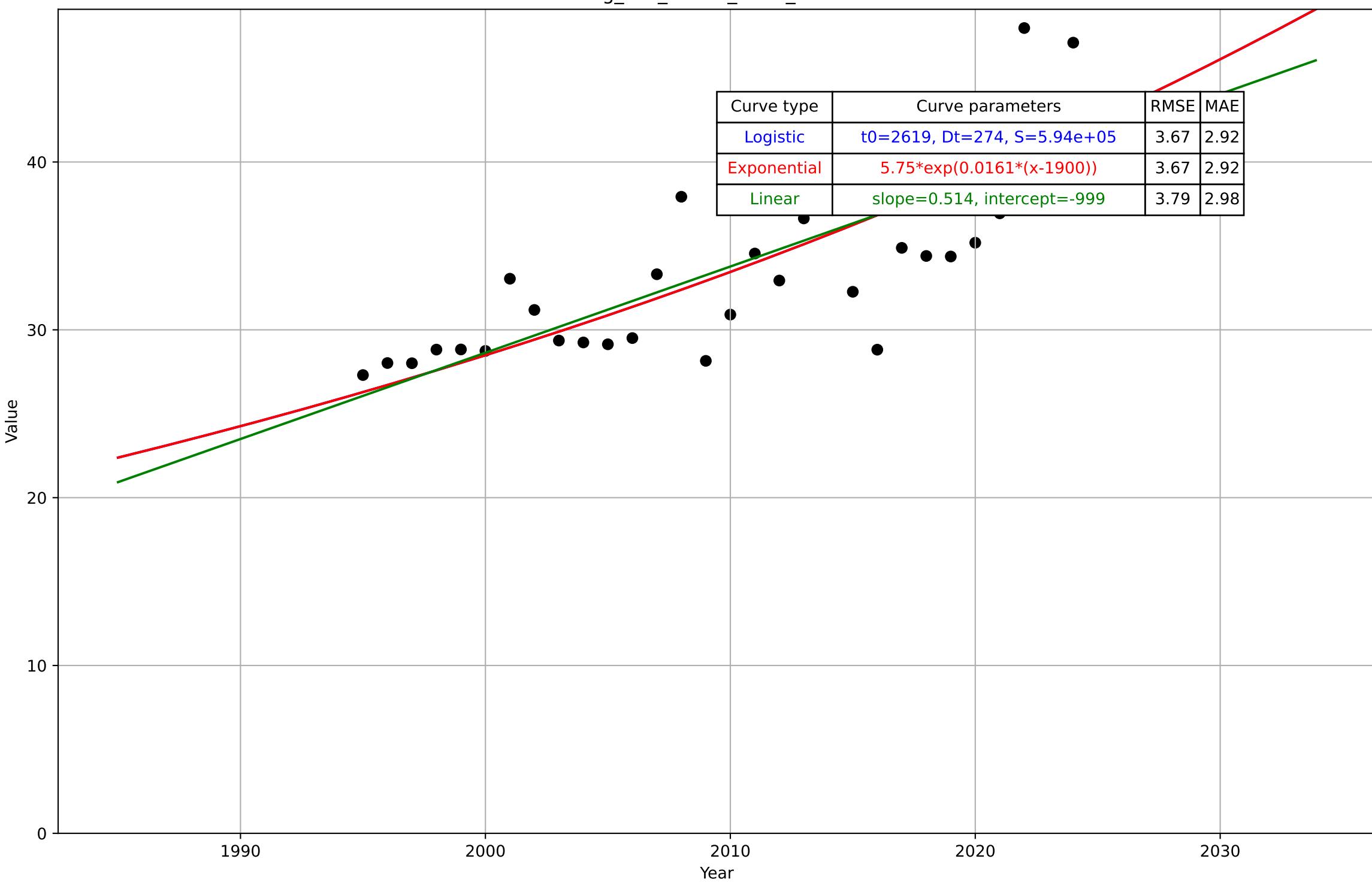
Organic food consumption
Austria
2.2
All qualities MILK price
price (€c/kg)
Relative Advantage (Profitability)
org_aus_2.2Rel_d046_m141

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2542, Dt=236, S=6.87e+05	3.47	2.8
Exponential	5.12*exp(0.0186*(x-1907))	3.47	2.8
Linear	slope=0.615, intercept=-1.2e+03	3.66	2.9
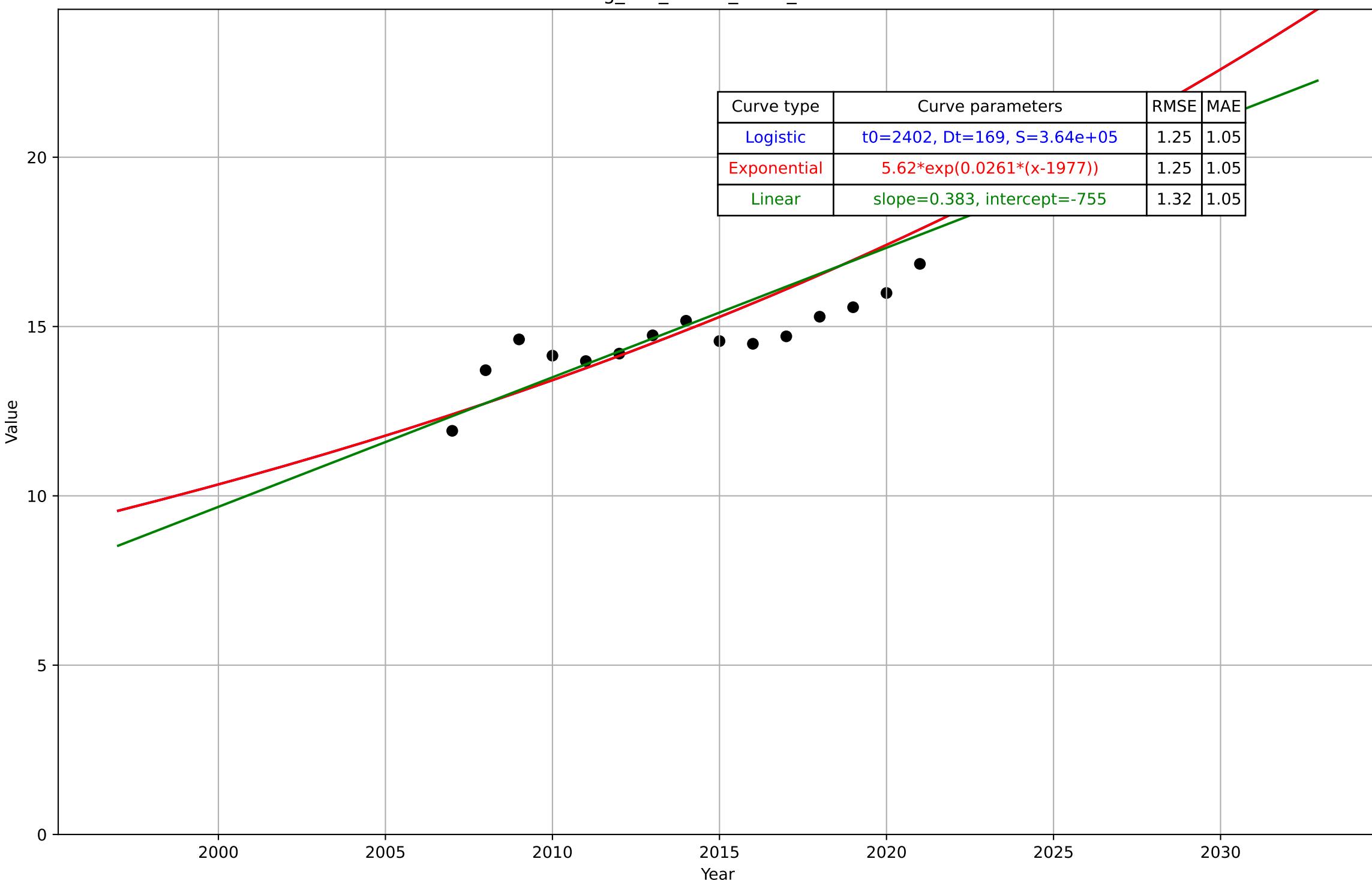
Organic food consumption
Austria
2.2
Conventional EGGS price
sales price (€/100 pieces)
Relative Advantage (Profitability)
org_aus_2.2Rel_d070_m142

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2371, Dt=151, S=3.88e+05	0.966	0.731
Exponential	8.29*exp(0.0292*(x-2002))	0.966	0.731
Linear	slope=0.303, intercept=-599	1.05	0.76
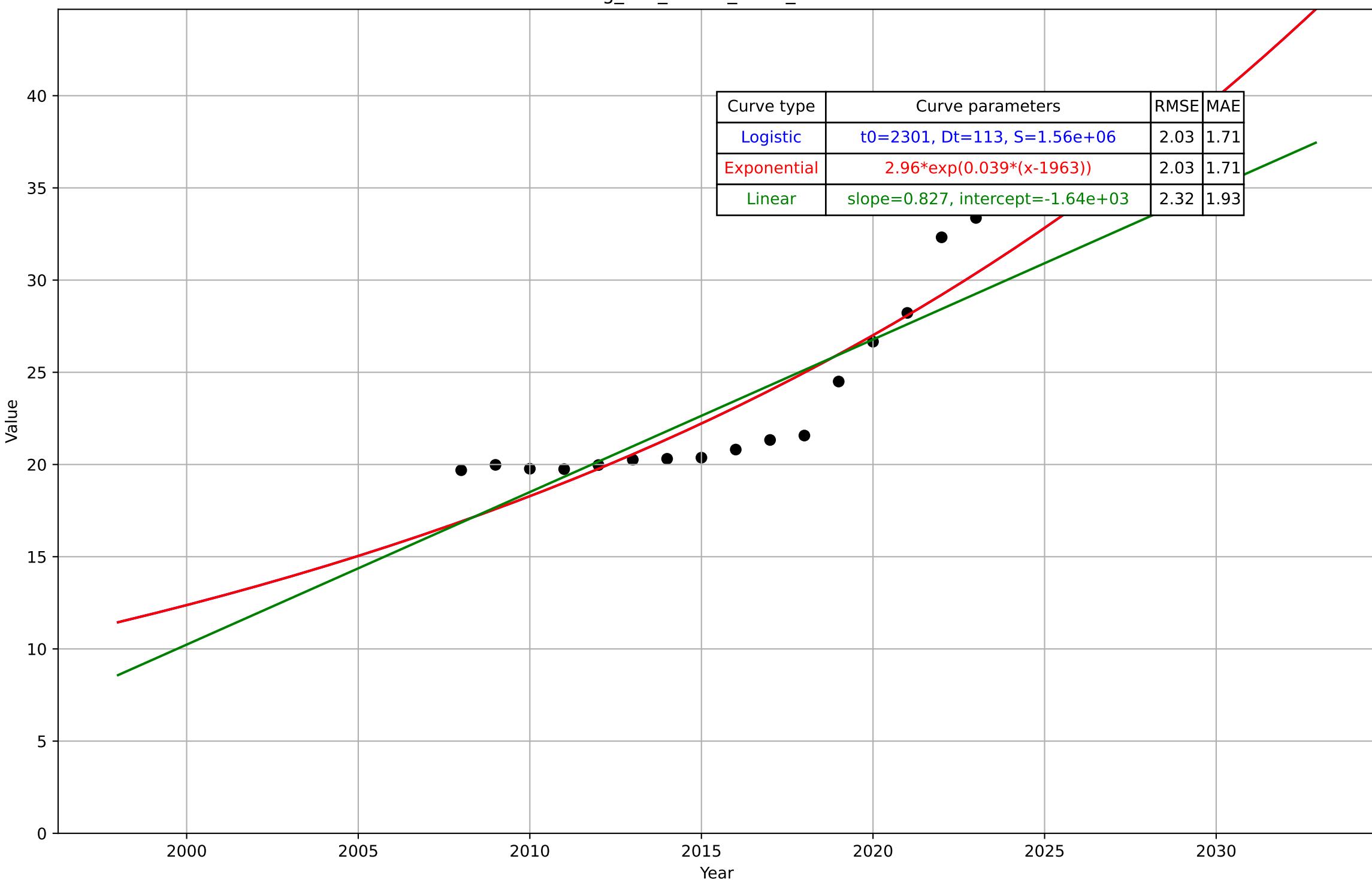
Organic food consumption
Austria
2.2
Conventional MILK price
price (€c/kg)
Relative Advantage (Profitability)
org_aus_2.2Rel_d071_m141

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2619, Dt=274, S=5.94e+05	3.67	2.92
Exponential	5.75*exp(0.0161*(x-1900))	3.67	2.92
Linear	slope=0.514, intercept=-999	3.79	2.98
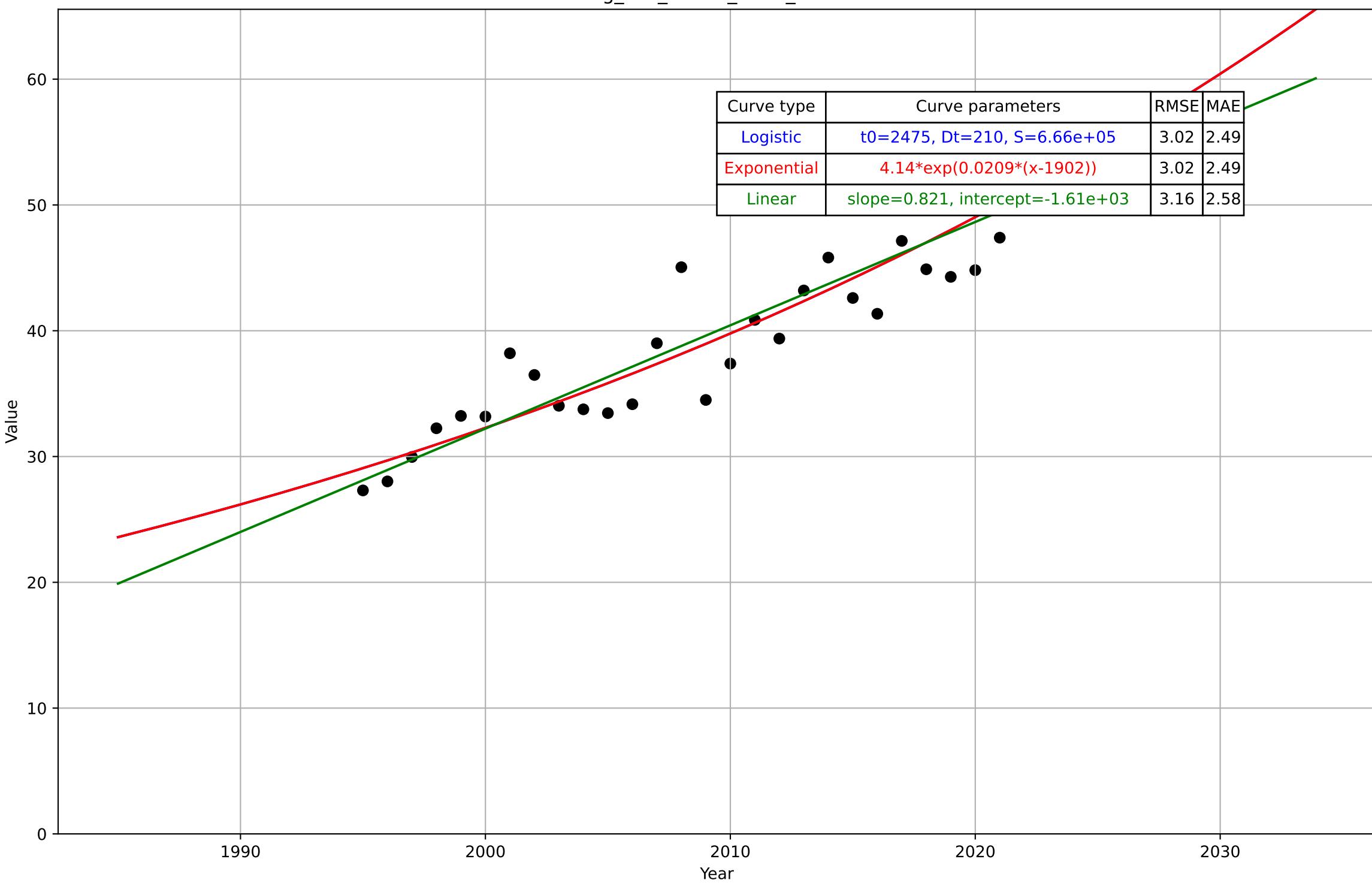
Organic food consumption
Austria
2.2
Free range EGGS price
sales price (€/100 pieces)
Relative Advantage (Profitability)
org_aus_2.2Rel_d101_m142

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2402, Dt=169, S=3.64e+05	1.25	1.05
Exponential	5.62*exp(0.0261*(x-1977))	1.25	1.05
Linear	slope=0.383, intercept=-755	1.32	1.05
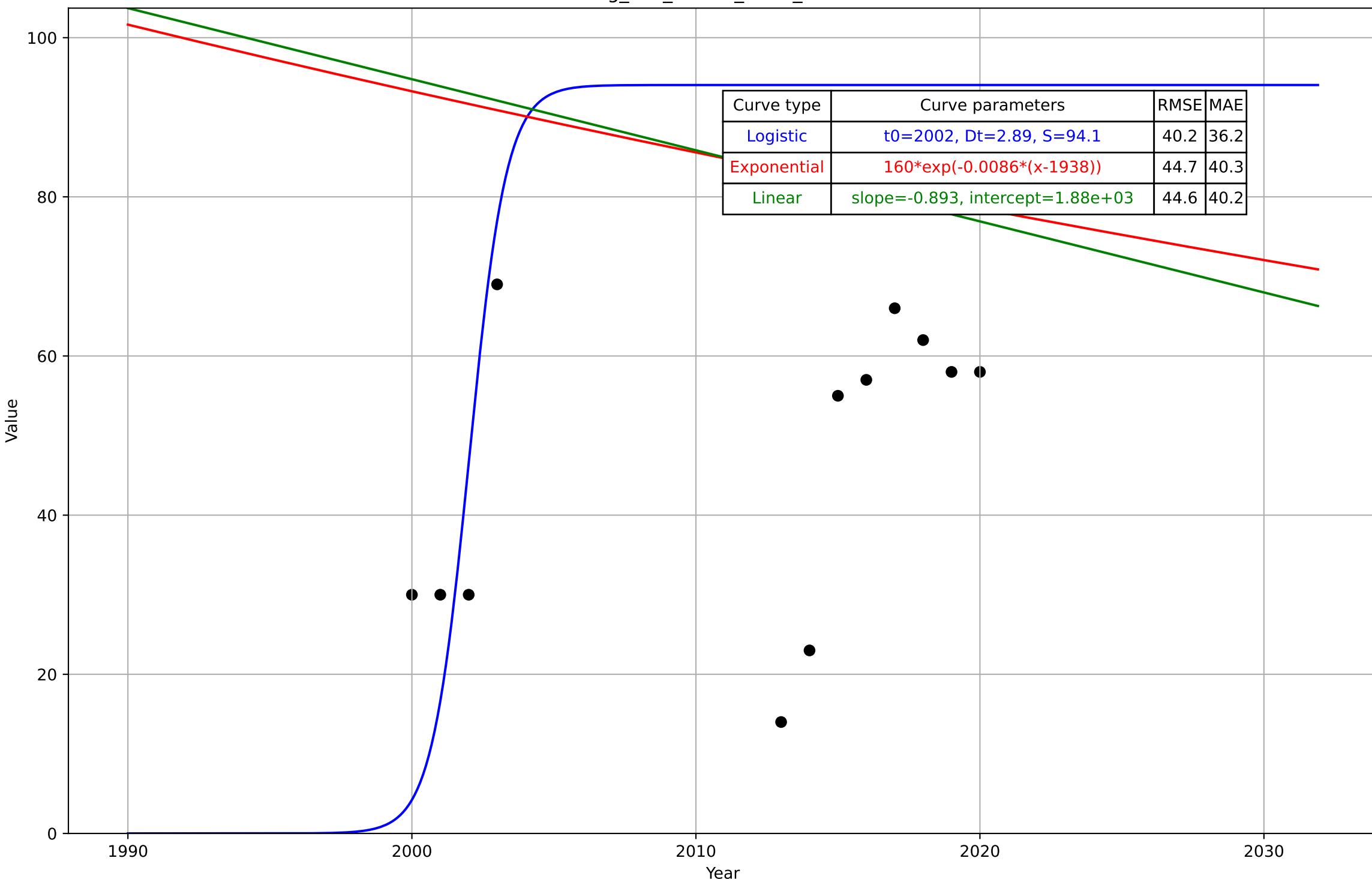
Organic food consumption
Austria
2.2
Organic EGGS price
sales price (€/100 pieces)
Relative Advantage (Profitability)
org_aus_2.2Rel_d154_m142

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2301, Dt=113, S=1.56e+06	2.03	1.71
Exponential	2.96*exp(0.039*(x-1963))	2.03	1.71
Linear	slope=0.827, intercept=-1.64e+03	2.32	1.93

Organic food consumption
Austria
2.2
Organic MILK price
price (€c/kg)
Relative Advantage (Profitability)
org_aus_2.2Rel_d156_m141

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2475, Dt=210, S=6.66e+05	3.02	2.49
Exponential	4.14*exp(0.0209*(x-1902))	3.02	2.49
Linear	slope=0.821, intercept=-1.61e+03	3.16	2.58

Value

Year
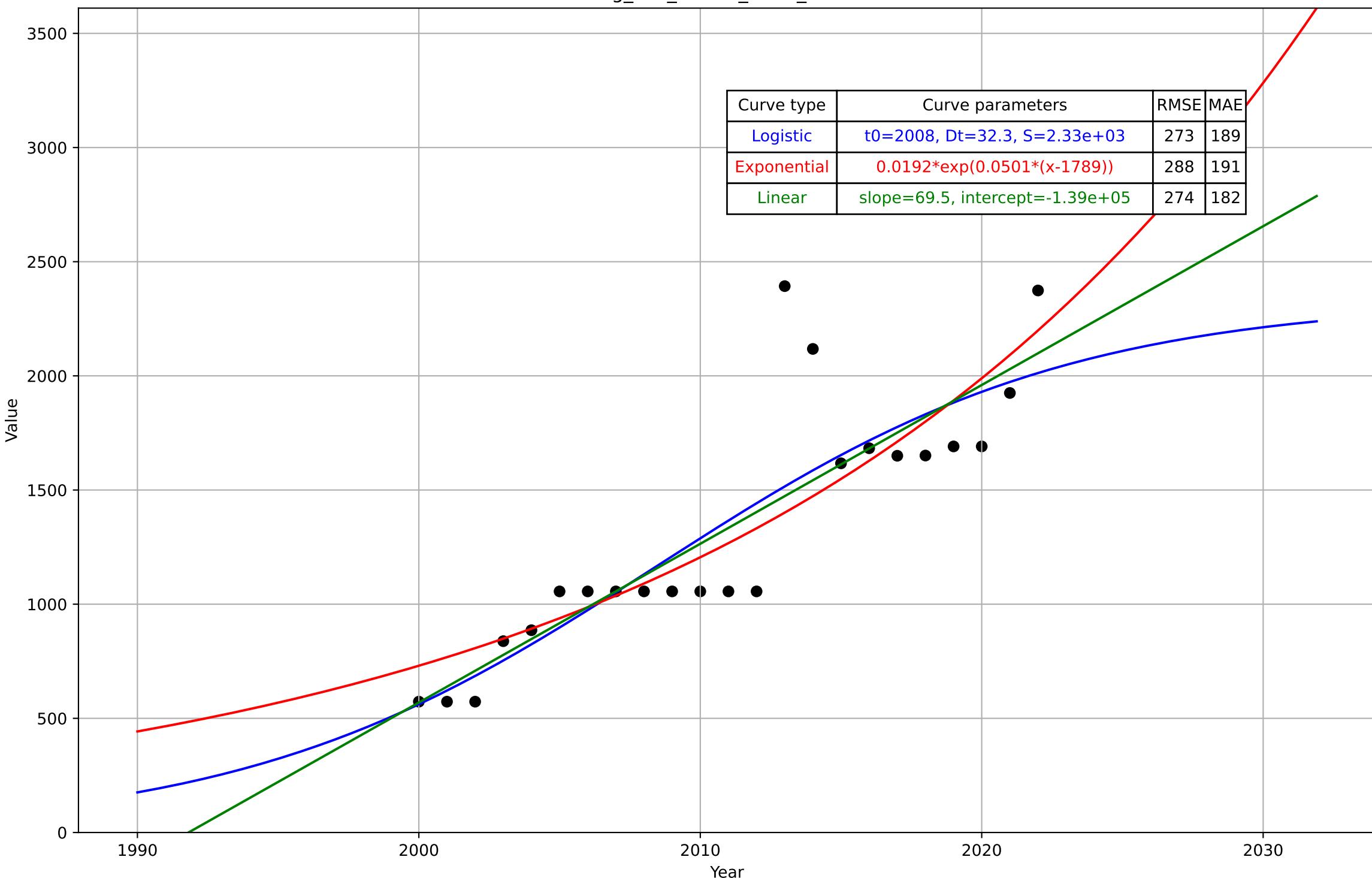
Organic food consumption
Austria
2.5
Organic importers
#
Variety (Choice Availability)
org_aus_2.5Var_d155_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=2.89, S=94.1	40.2	36.2
Exponential	160*exp(-0.0086*(x-1938))	44.7	40.3
Linear	slope=-0.893, intercept=1.88e+03	44.6	40.2
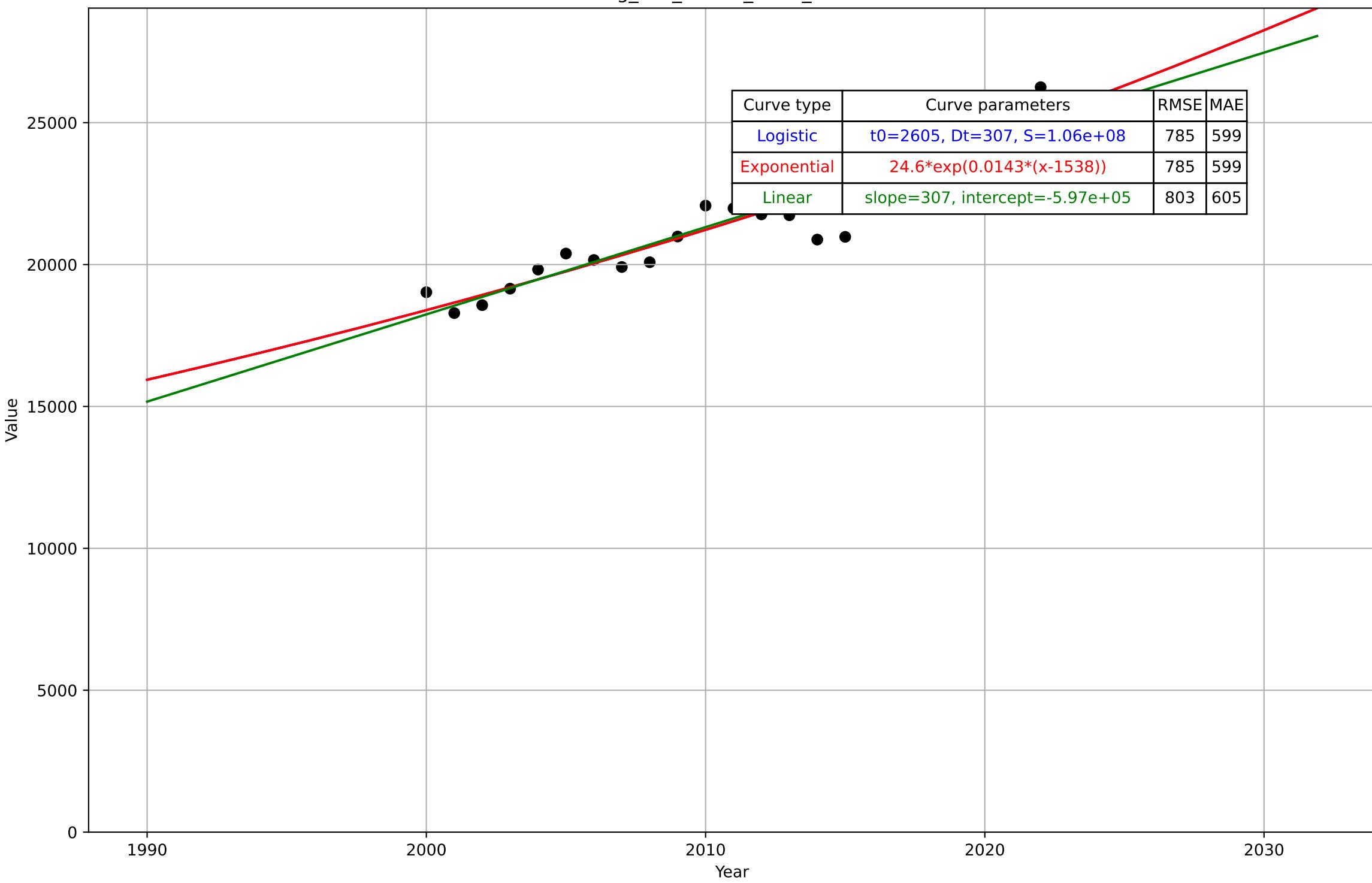
Organic food consumption
Austria
2.5
Organic processors
#
Variety (Choice Availability)
org_aus_2.5Var_d158_m001
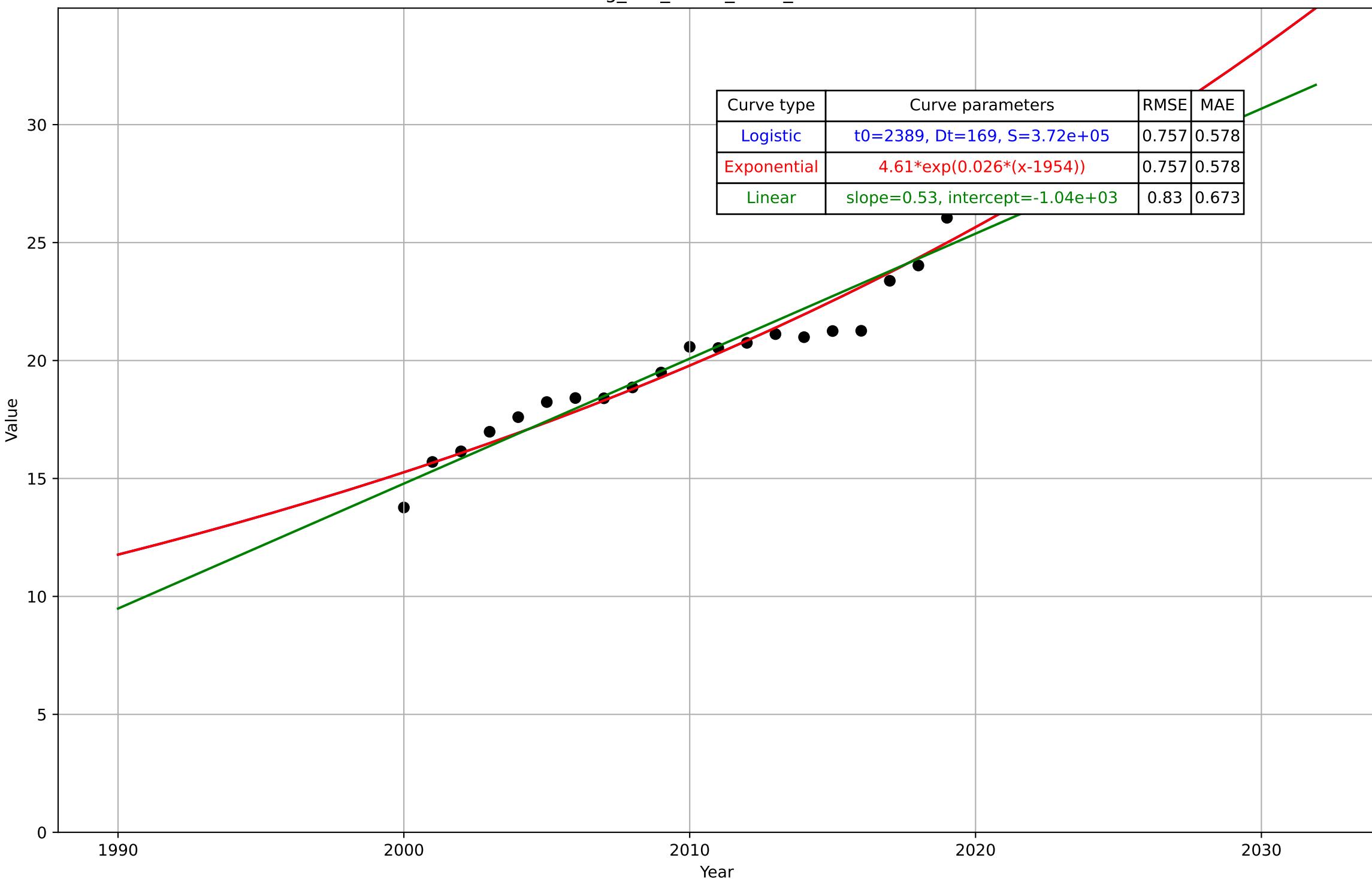
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=32.3, S=2.33e+03	273	189
Exponential	0.0192*exp(0.0501*(x-1789))	288	191
Linear	slope=69.5, intercept=-1.39e+05	274	182

Organic food consumption
Austria
2.5
Organic producers
#
Variety (Choice Availability)
org_aus_2.5Var_d159_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2605, Dt=307, S=1.06e+08	785	599
Exponential	24.6*exp(0.0143*(x-1538))	785	599
Linear	slope=307, intercept=-5.97e+05	803	605
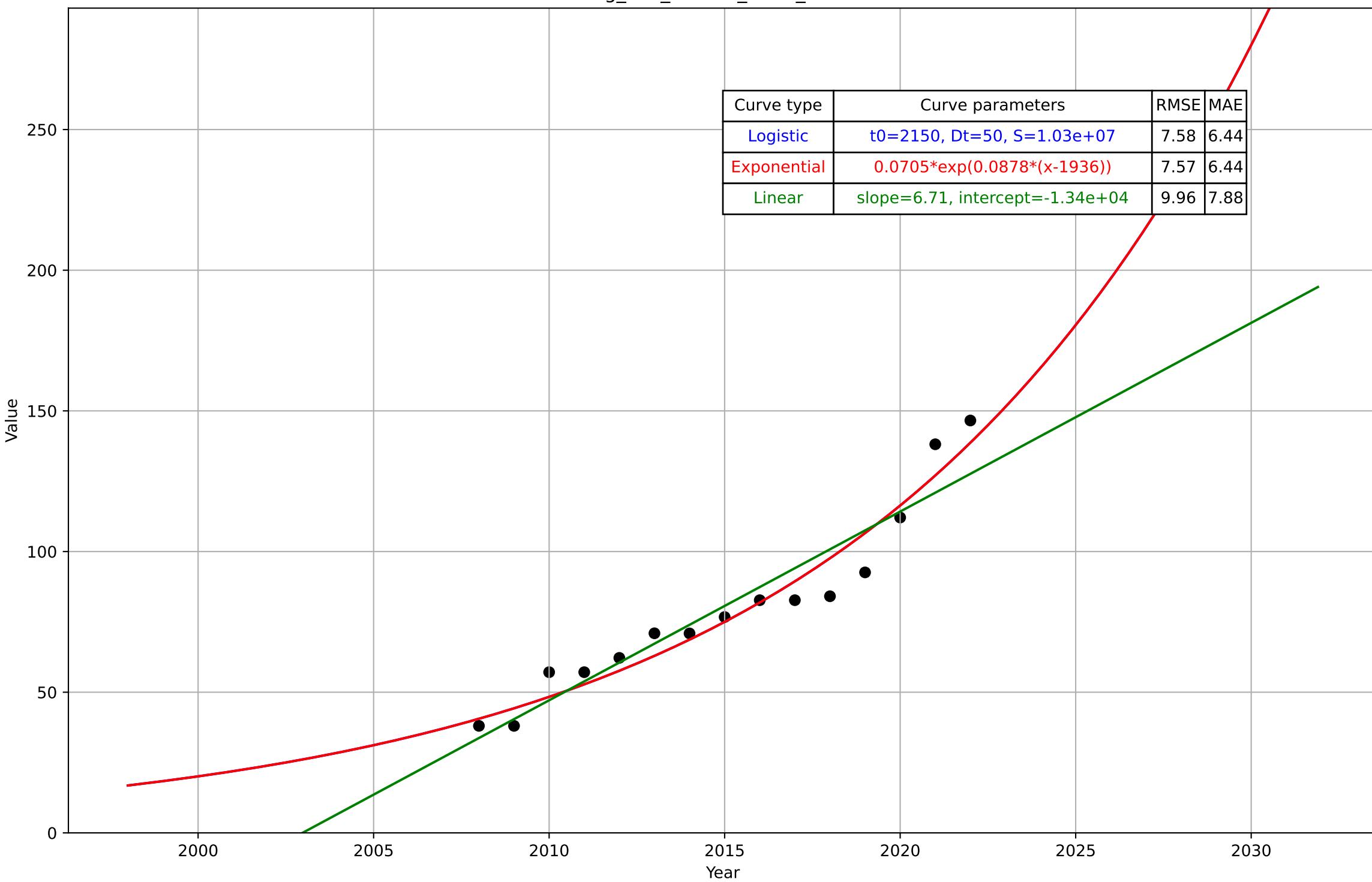
Organic food consumption
Austria
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_aus_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2522, Dt=236, S=7.45e+09	2.07e+04	4.62e+04
Exponential	26.7*exp(0.0186*(x-1476))	2.07e+04	4.62e+04
Linear	slope=1.03e+04, intercept=-2.02e+07	2.19e+04	4.67e+04
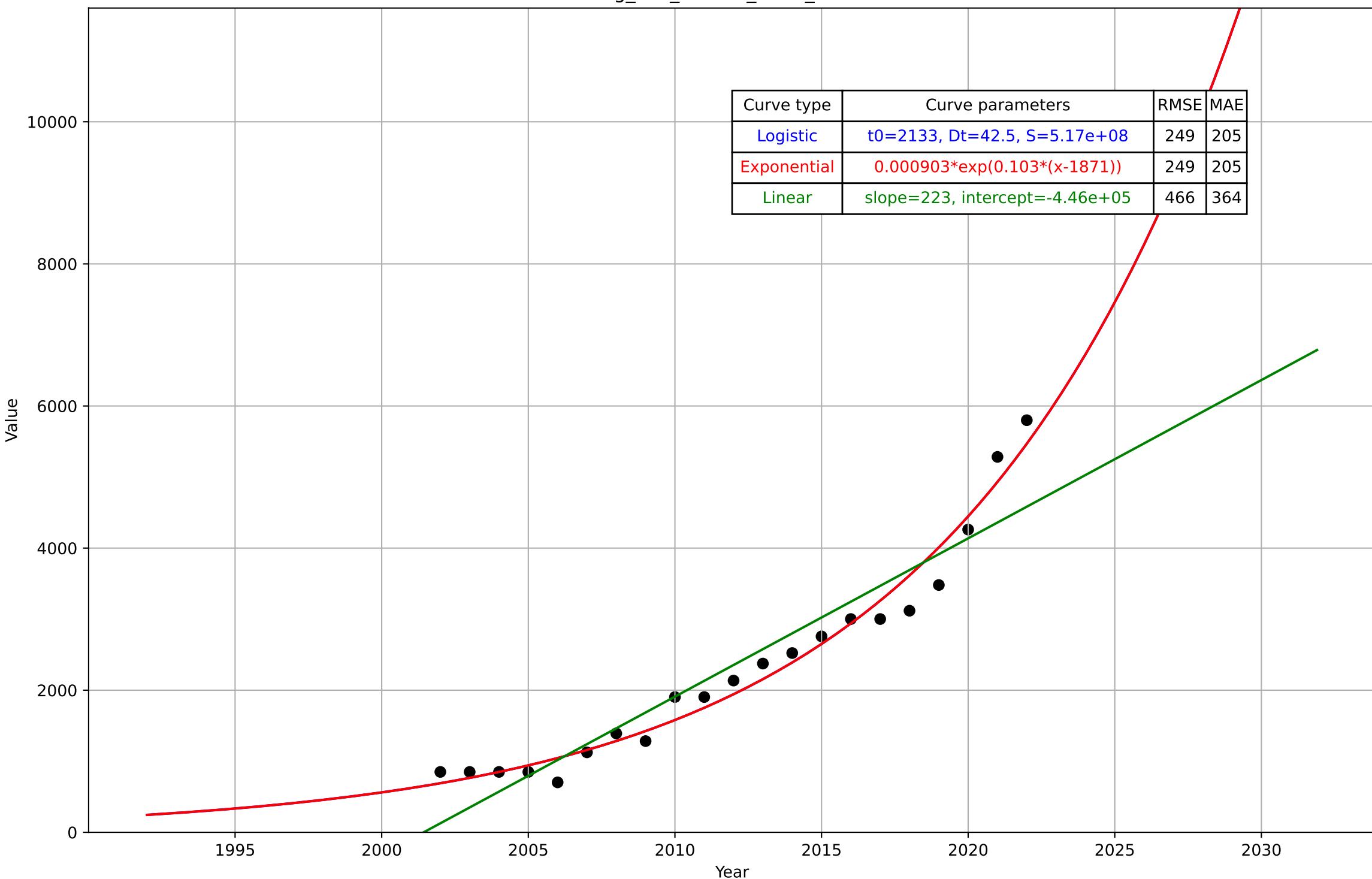
Organic food consumption
Austria
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_aus_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2389, Dt=169, S=3.72e+05	0.757	0.578
Exponential	4.61*exp(0.026*(x-1954))	0.757	0.578
Linear	slope=0.53, intercept=-1.04e+03	0.83	0.673
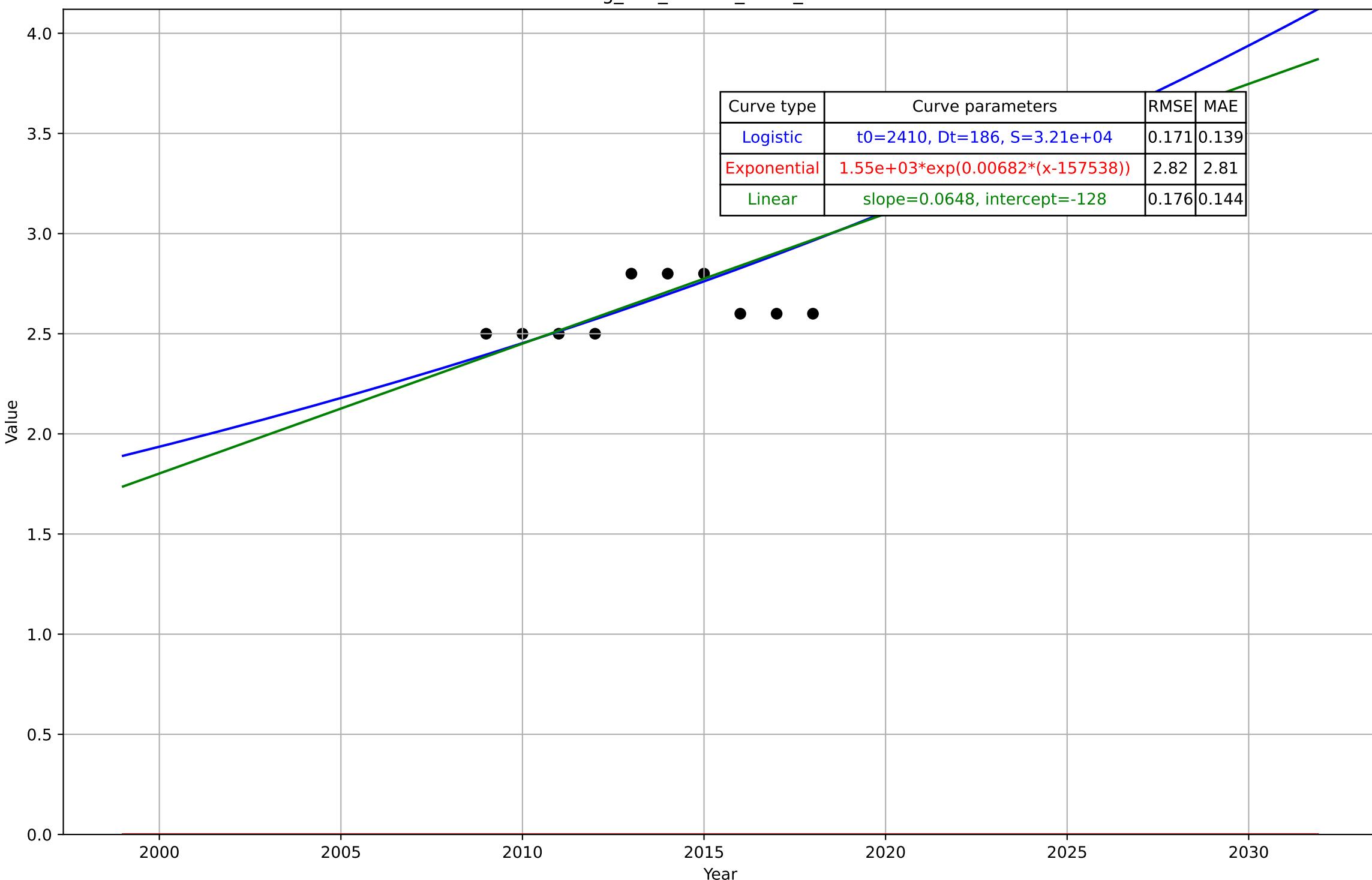
Organic food consumption
Canada
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_can_1.1Ado_d157_m091

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2150, Dt=50, S=1.03e+07	7.58	6.44
Exponential	0.0705*exp(0.0878*(x-1936))	7.57	6.44
Linear	slope=6.71, intercept=-1.34e+04	9.96	7.88

Organic food consumption
Canada
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_can_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2133, Dt=42.5, S=5.17e+08	249	205
Exponential	0.000903*exp(0.103*(x-1871))	249	205
Linear	slope=223, intercept=-4.46e+05	466	364

Organic food consumption
Canada
1.1
Organic retail sales share [%]
%
Adoption over time
org_can_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2410, Dt=186, S=3.21e+04	0.171	0.139
Exponential	1.55e+03*exp(0.00682*(x-157538))	2.82	2.81
Linear	slope=0.0648, intercept=-128	0.176	0.144
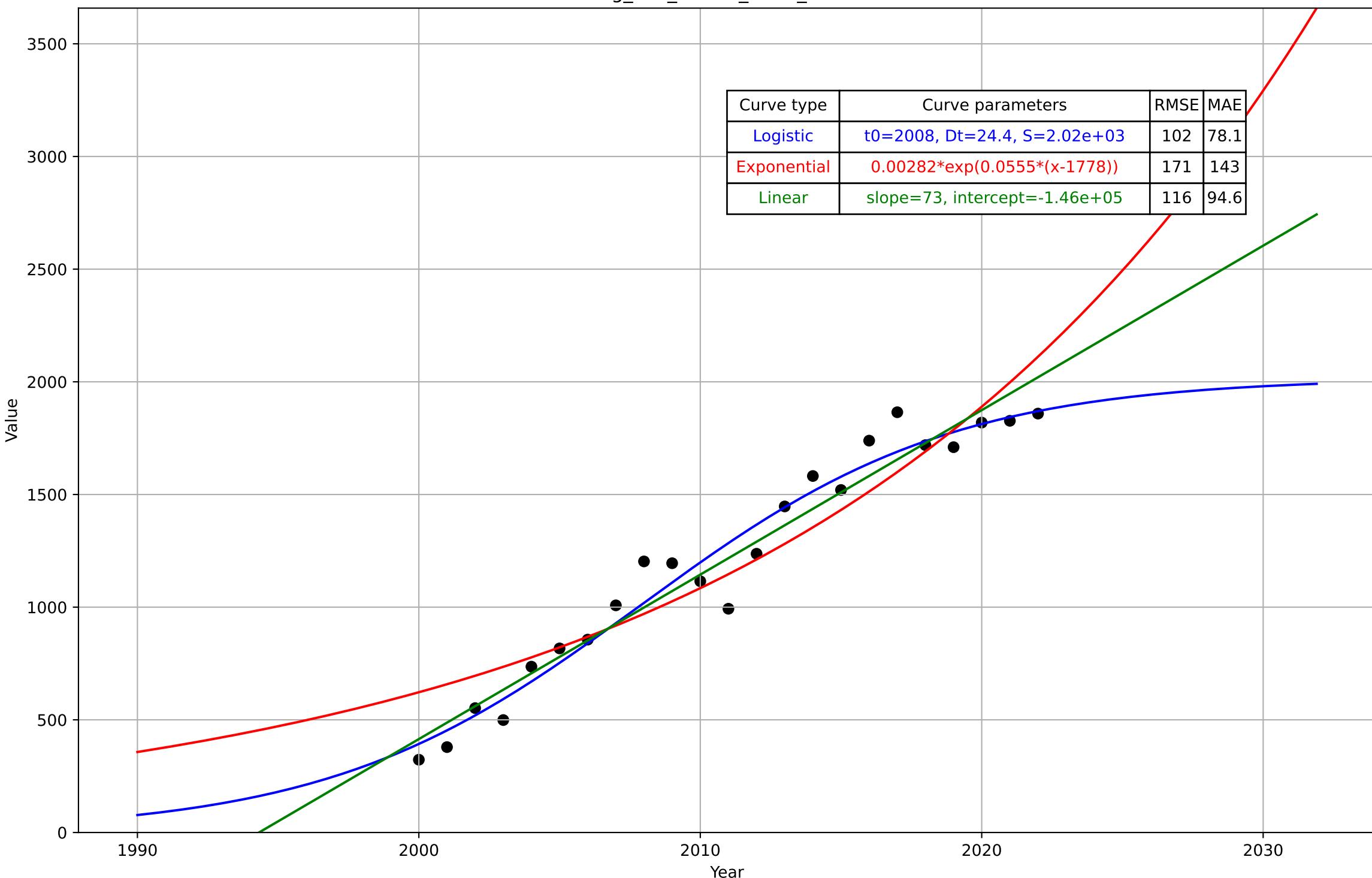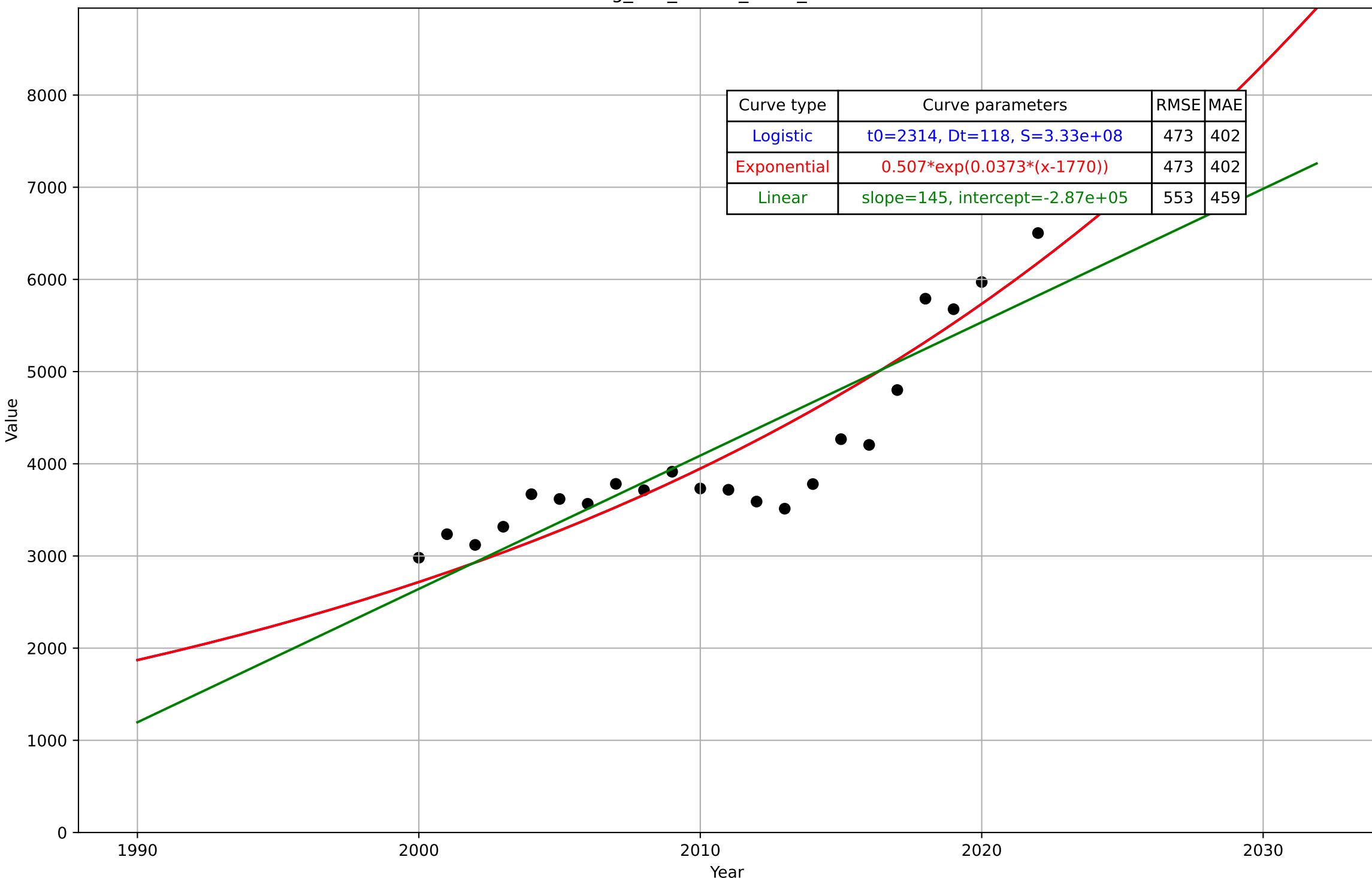
Organic food consumption
Canada
2.5
Organic processors
#
Variety (Choice Availability)
org_can_2.5Var_d158_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2008, Dt=24.4, S=2.02e+03	102	78.1
Exponential	0.00282*exp(0.0555*(x-1778))	171	143
Linear	slope=73, intercept=-1.46e+05	116	94.6
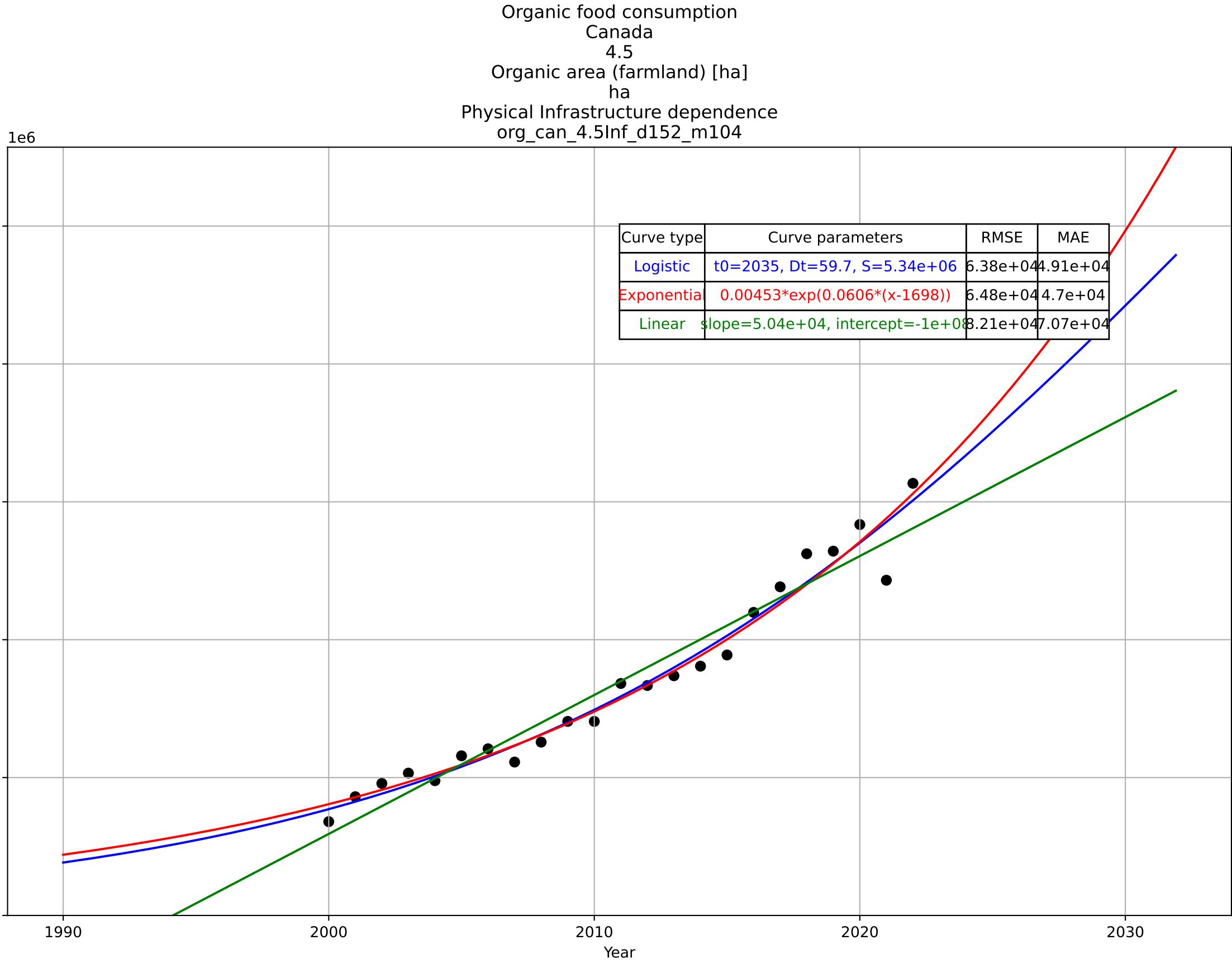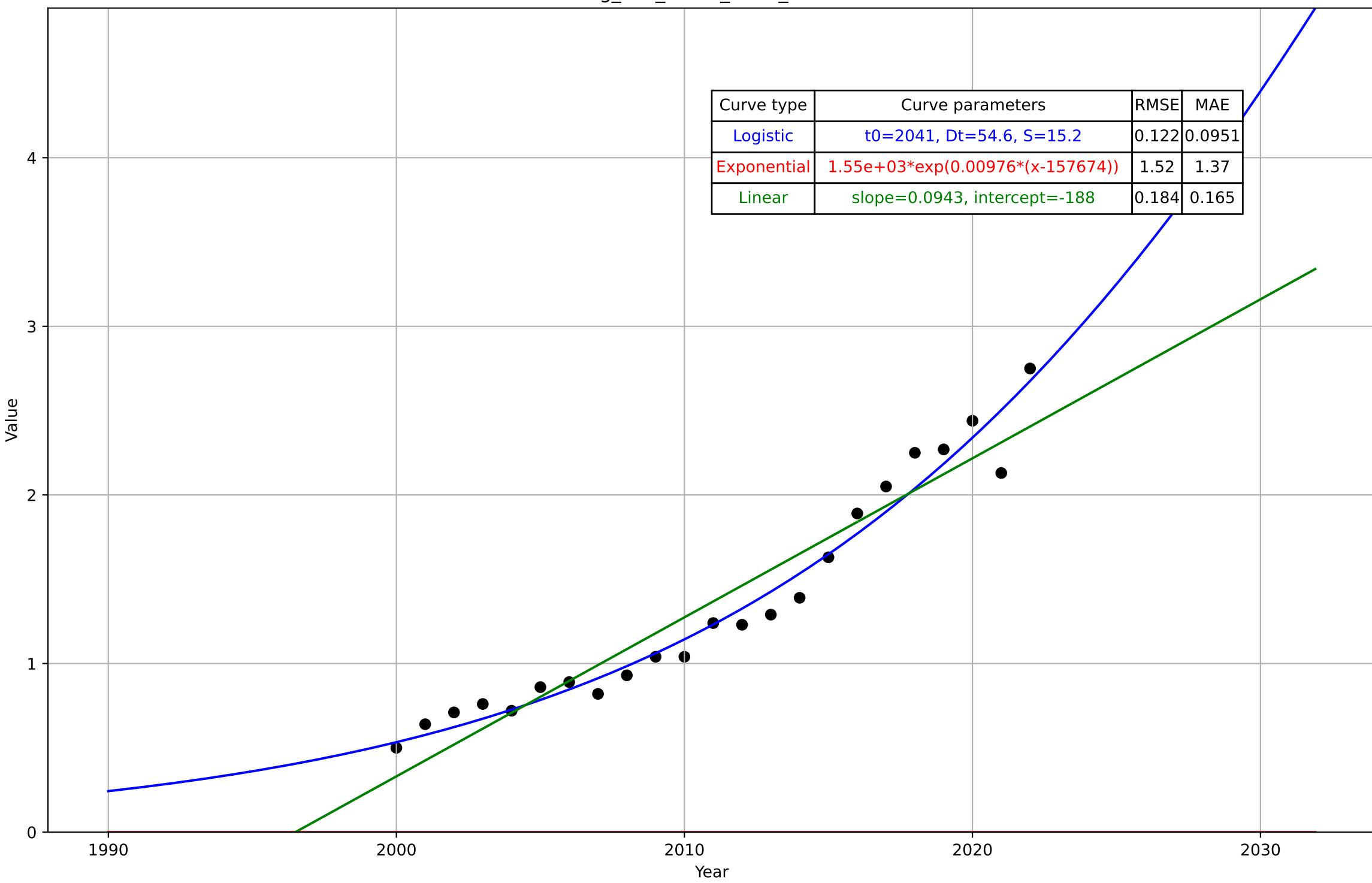
Organic food consumption
Canada
2.5
Organic producers
#
Variety (Choice Availability)
org_can_2.5Var_d159_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2314, Dt=118, S=3.33e+08	473	402
Exponential	0.507*exp(0.0373*(x-1770))	473	402
Linear	slope=145, intercept=-2.87e+05	553	459

Organic food consumption
Canada
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_can_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2035, Dt=59.7, S=5.34e+06	6.38e+04	4.91e+04
Exponential	0.00453*exp(0.0606*(x-1698))	6.48e+04	4.7e+04
Linear	slope=5.04e+04, intercept=-1e+08	8.21e+04	7.07e+04

Organic food consumption
Canada
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_can_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2041, Dt=54.6, S=15.2	0.122	0.0951
Exponential	1.55e+03*exp(0.00976*(x-157674))	1.52	1.37
Linear	slope=0.0943, intercept=-188	0.184	0.165
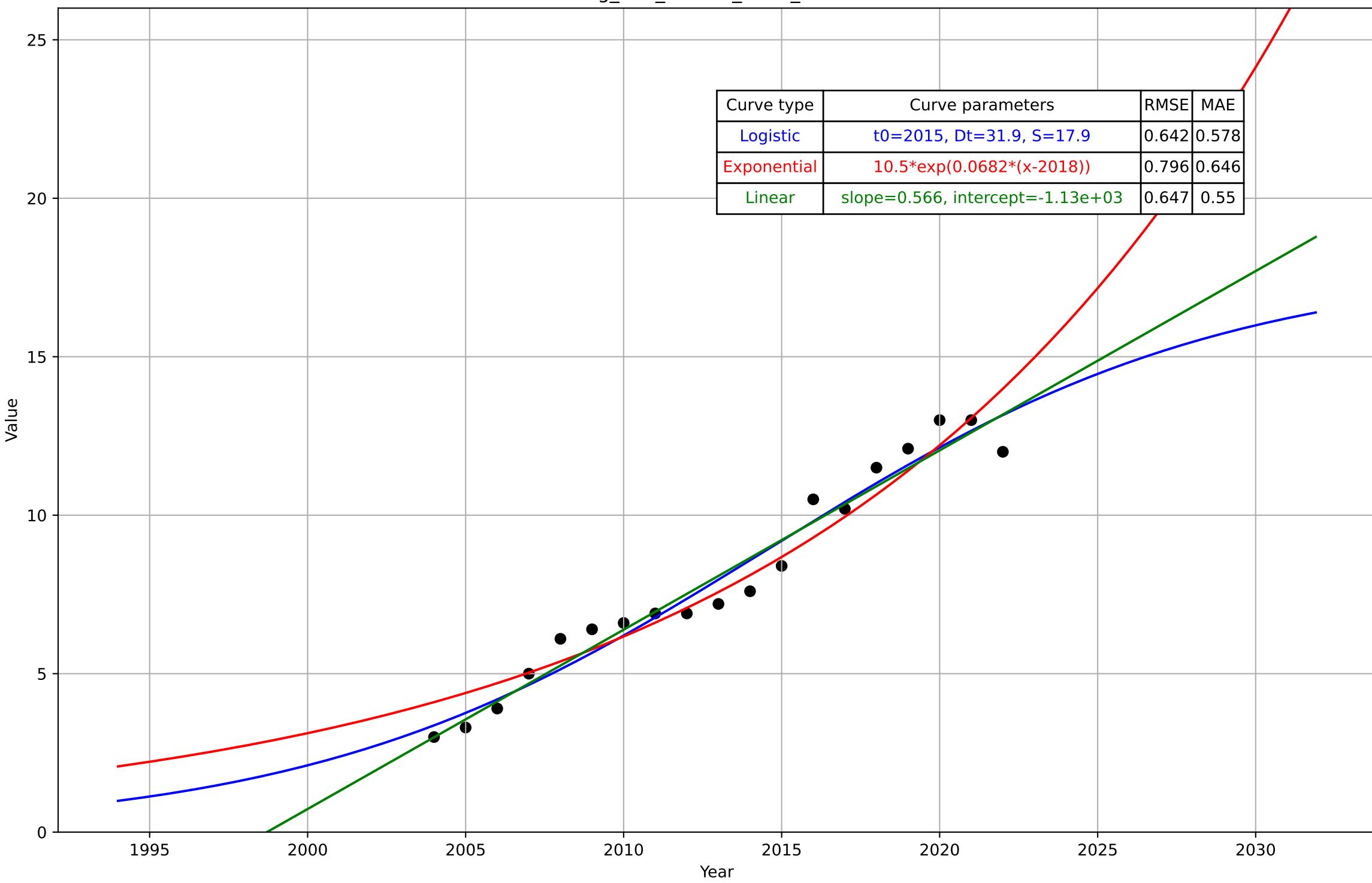
Organic food consumption
Denmark
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_den_1.1Ado_d157_m091

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2025, Dt=35.2, S=963	20.2	16.3
Exponential	0.0287*exp(0.0949*(x-1921))	21.5	17.9
Linear	slope=16.1, intercept=-3.21e+04	33.4	26.3

Organic food consumption
Denmark
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_den_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2024, Dt=33.5, S=5.54e+03	109	87.7
Exponential	0.00245*exp(0.0994*(x-1883))	118	96.5
Linear	slope=95.5, intercept=-1.91e+05	199	159

Organic food consumption
Denmark
1.1
Organic retail sales share [%]
%
Adoption over time
org_den_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=31.9, S=17.9	0.642	0.578
Exponential	10.5*exp(0.0682*(x-2018))	0.796	0.646
Linear	slope=0.566, intercept=-1.13e+03	0.647	0.55
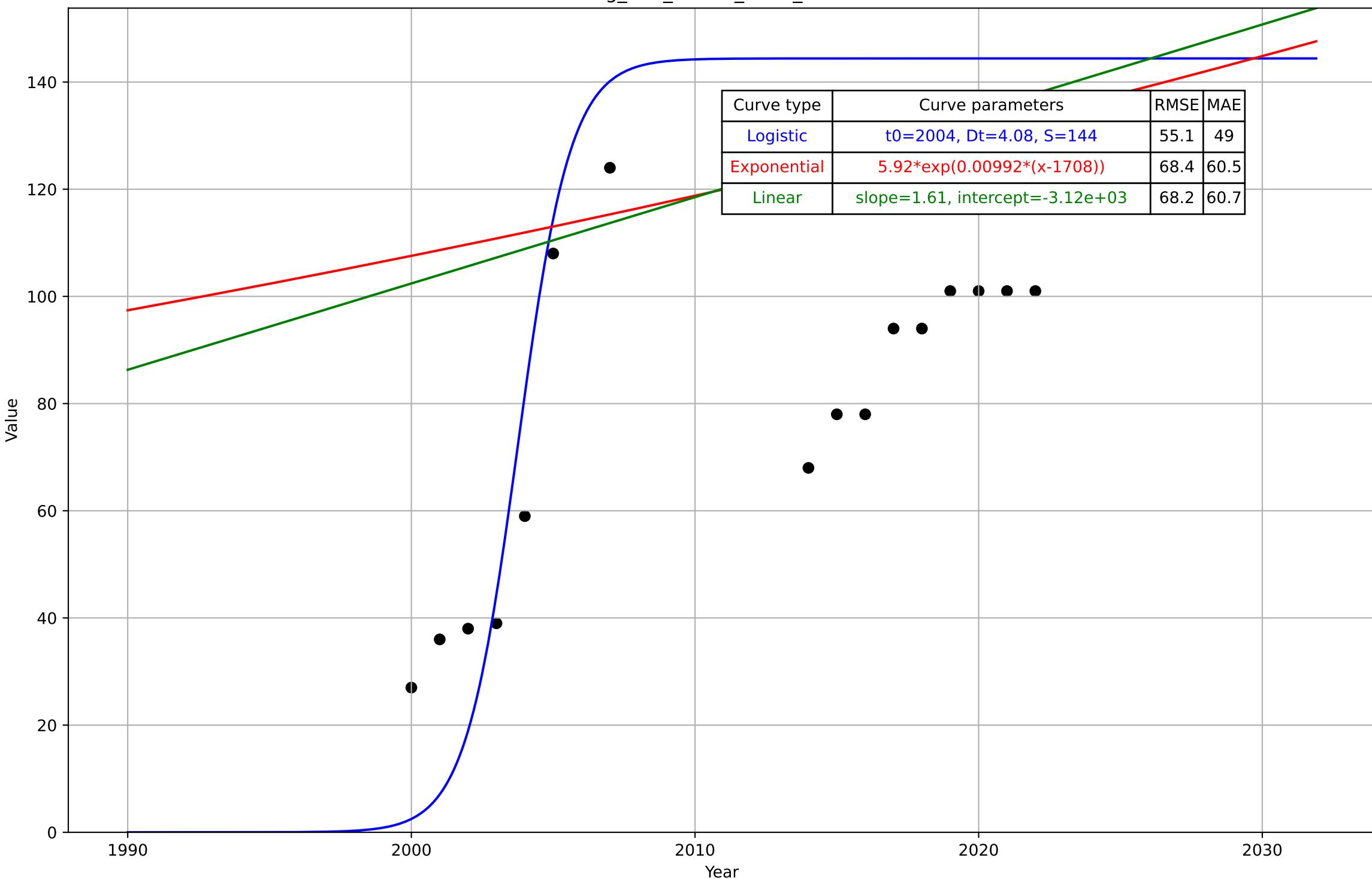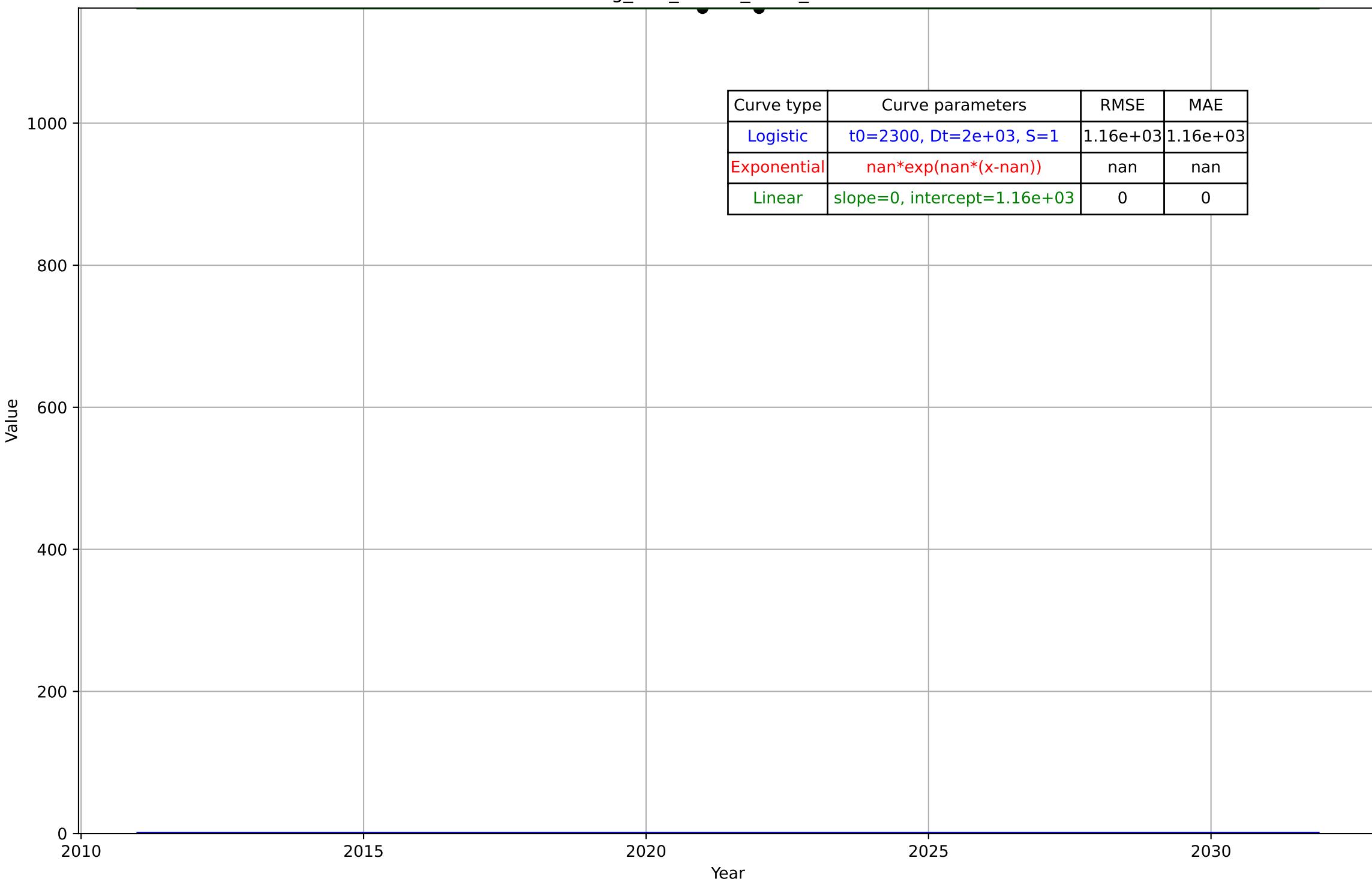
Organic food consumption
Denmark
2.5
Organic importers
#
Variety (Choice Availability)
org_den_2.5Var_d155_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=4.08, S=144	55.1	49
Exponential	5.92*exp(0.00992*(x-1708))	68.4	60.5
Linear	slope=1.61, intercept=-3.12e+03	68.2	60.7
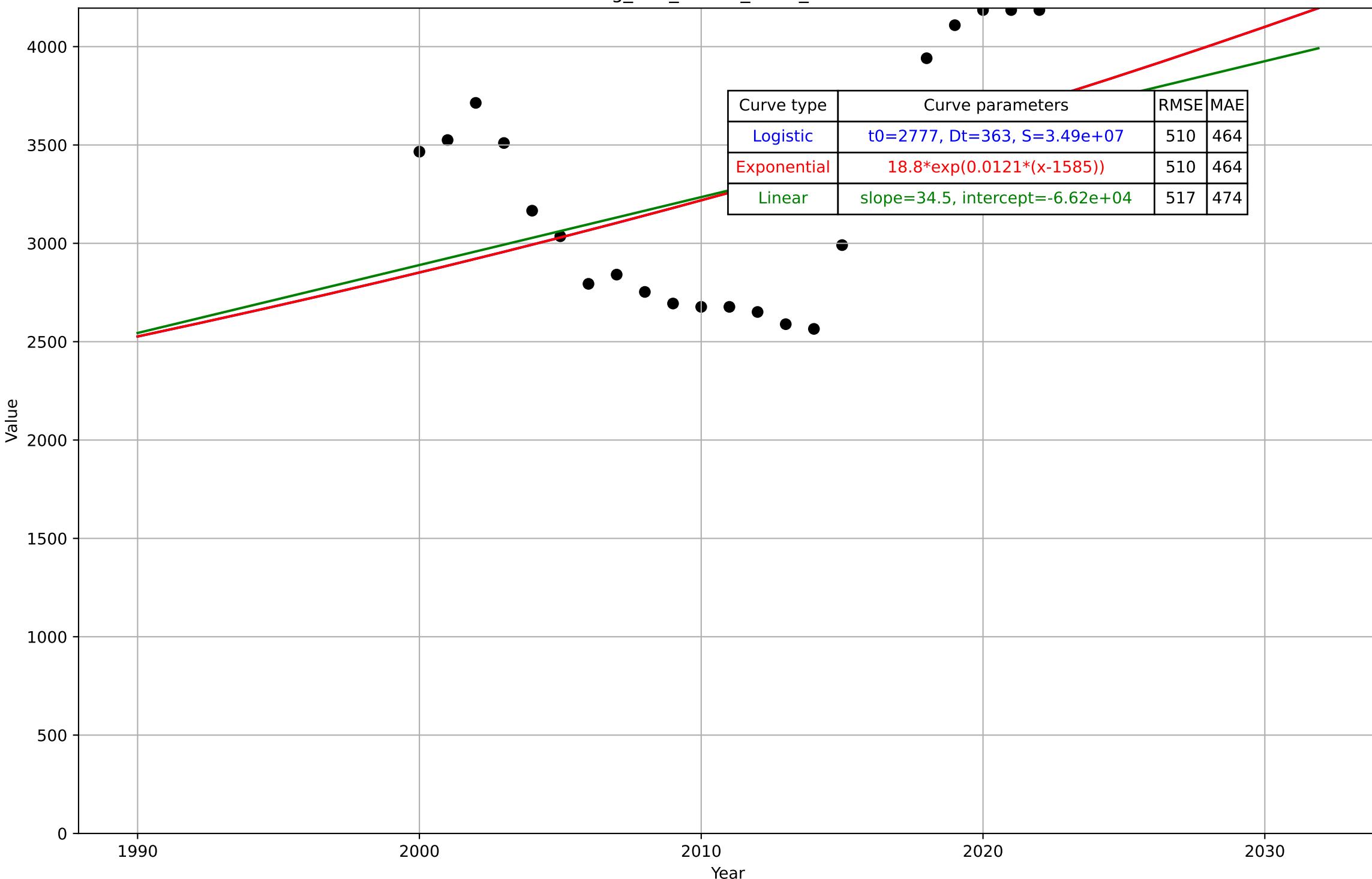
Organic food consumption
Denmark
2.5
Organic processors
#
Variety (Choice Availability)
org_den_2.5Var_d158_m001
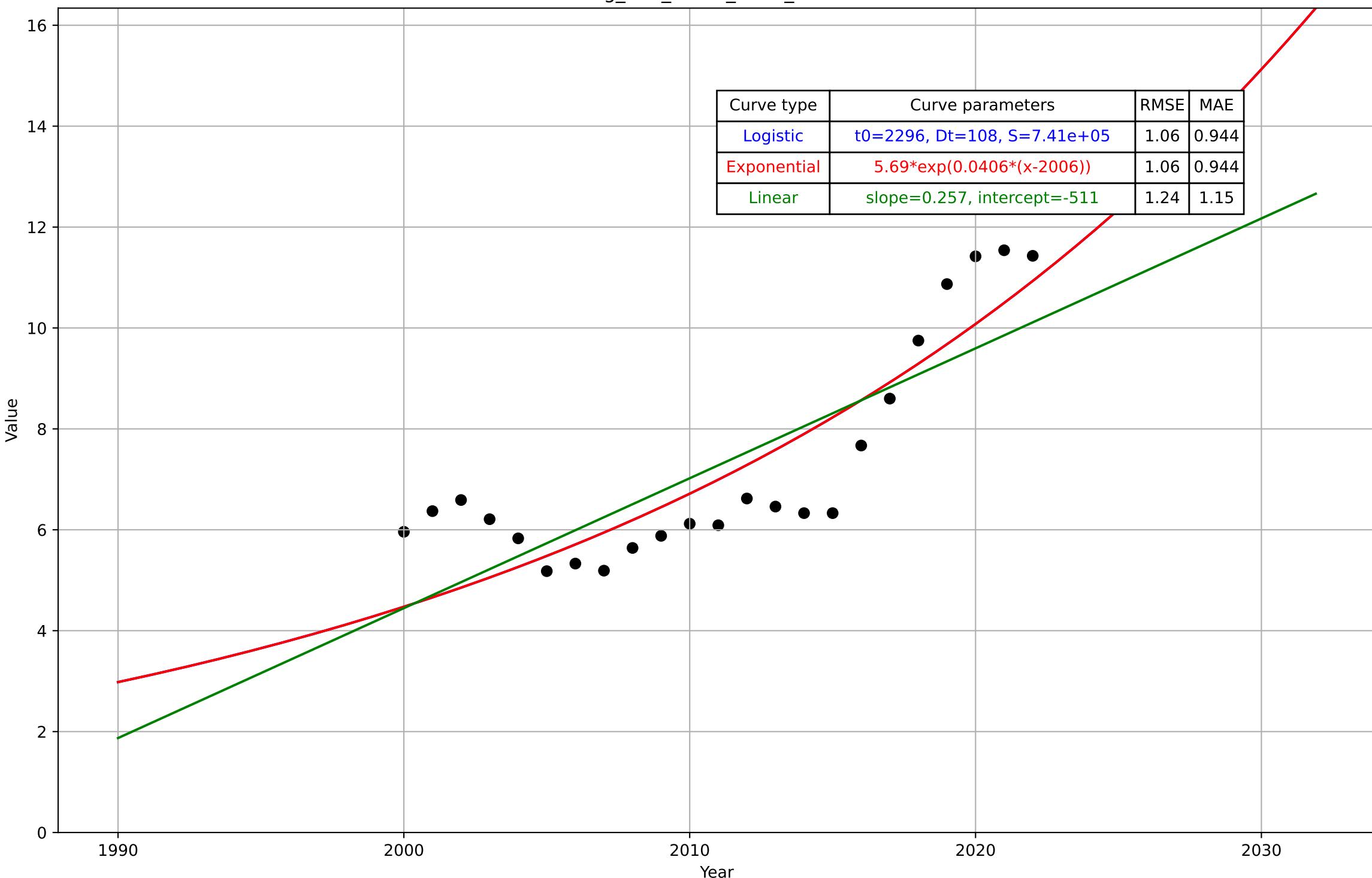
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2300, Dt=2e+03, S=1	1.16e+03	1.16e+03
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=0, intercept=1.16e+03	0	0

Organic food consumption
Denmark
2.5
Organic producers
#
Variety (Choice Availability)
org_den_2.5Var_d159_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2777, Dt=363, S=3.49e+07	510	464
Exponential	18.8*exp(0.0121*(x-1585))	510	464
Linear	slope=34.5, intercept=-6.62e+04	517	474
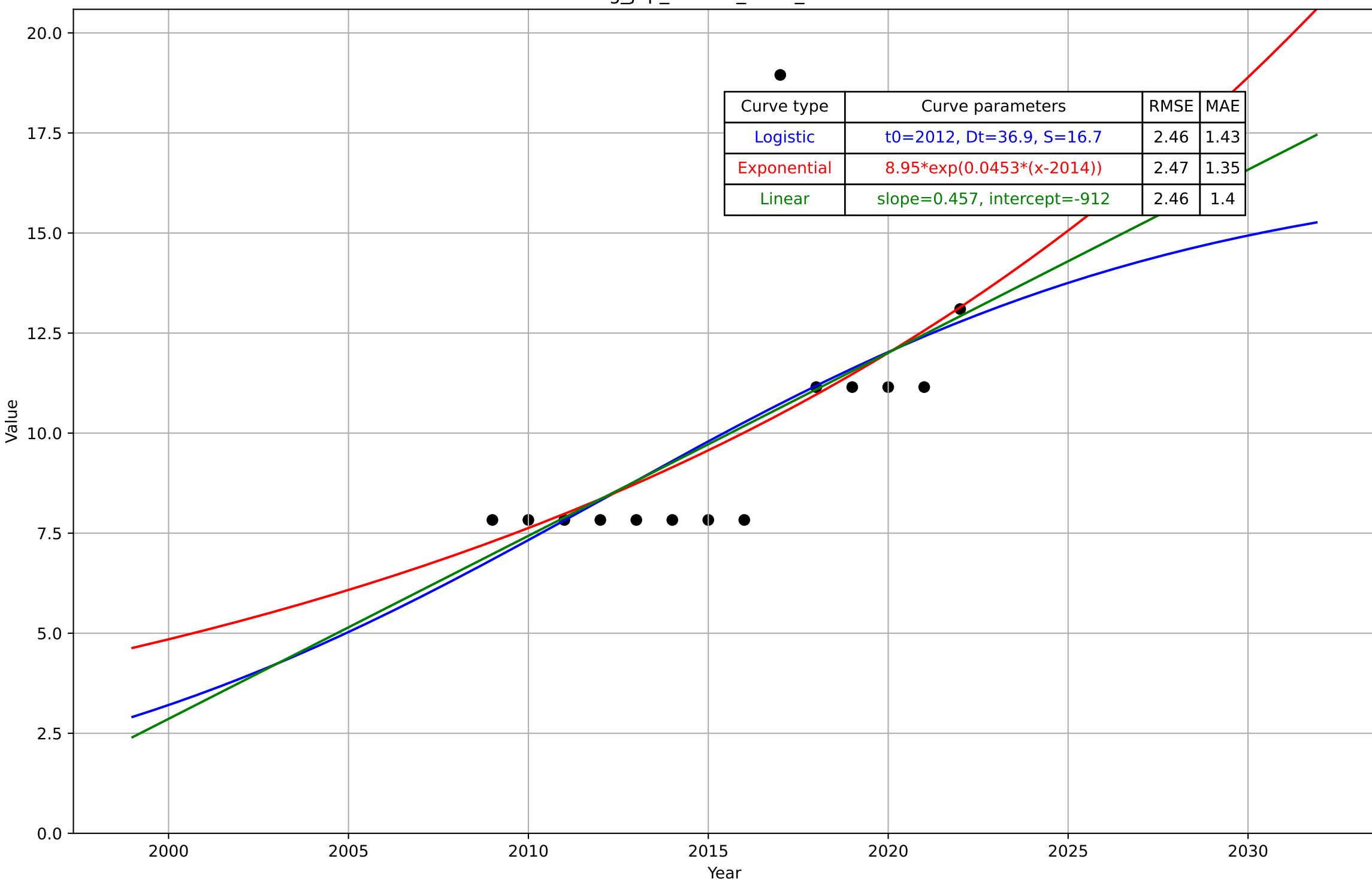
Organic food consumption
Denmark
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_den_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2299, Dt=110, S=1.94e+10	2.8e+04	2.5e+04
Exponential	0.207*exp(0.0401*(x-1669))	2.8e+04	2.5e+04
Linear	slope=6.71e+03, intercept=-1.33e+8	3.26e+04	3.02e+04
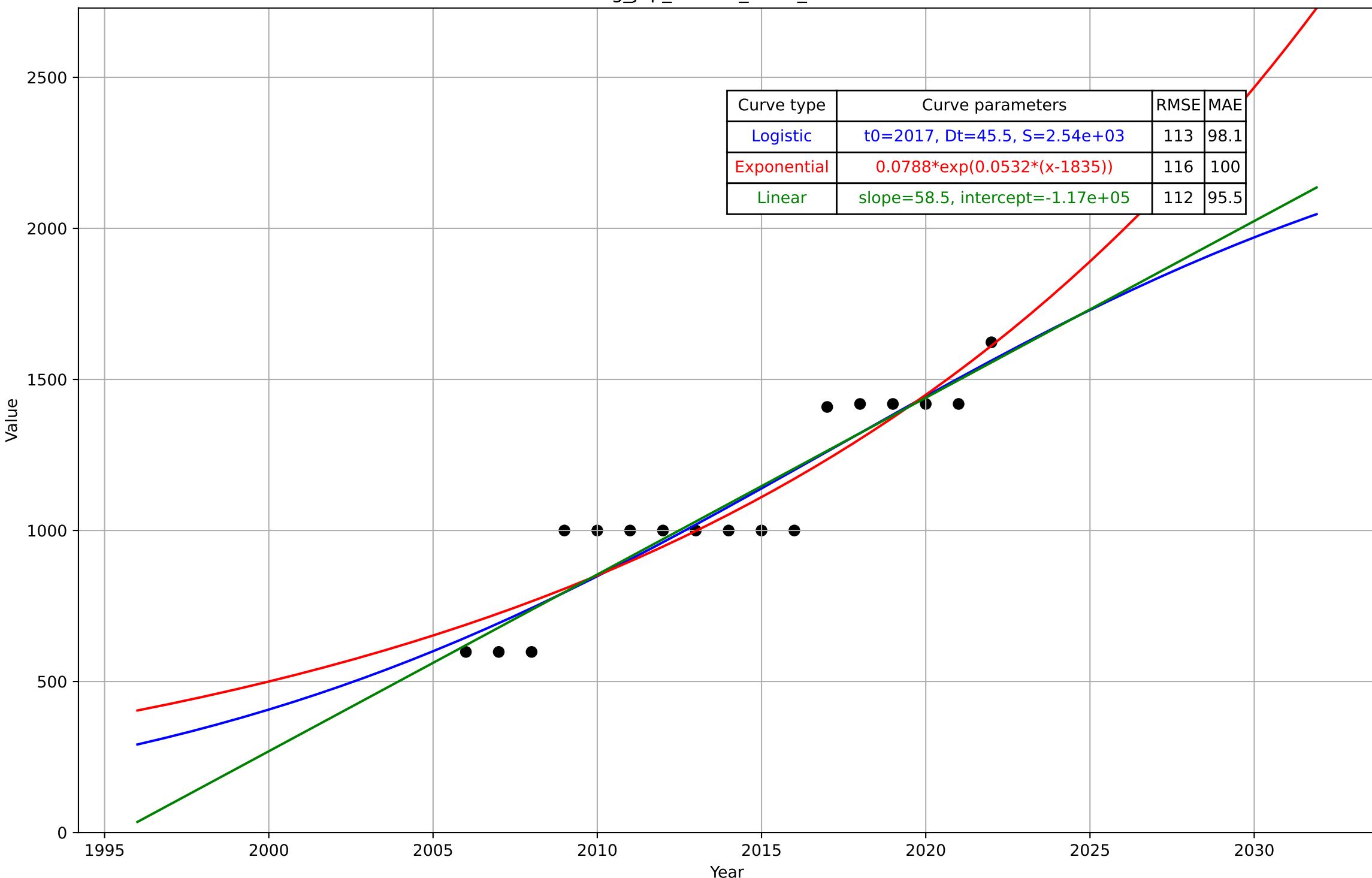
Organic food consumption
Denmark
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_den_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2296, Dt=108, S=7.41e+05	1.06	0.944
Exponential	5.69*exp(0.0406*(x-2006))	1.06	0.944
Linear	slope=0.257, intercept=-511	1.24	1.15
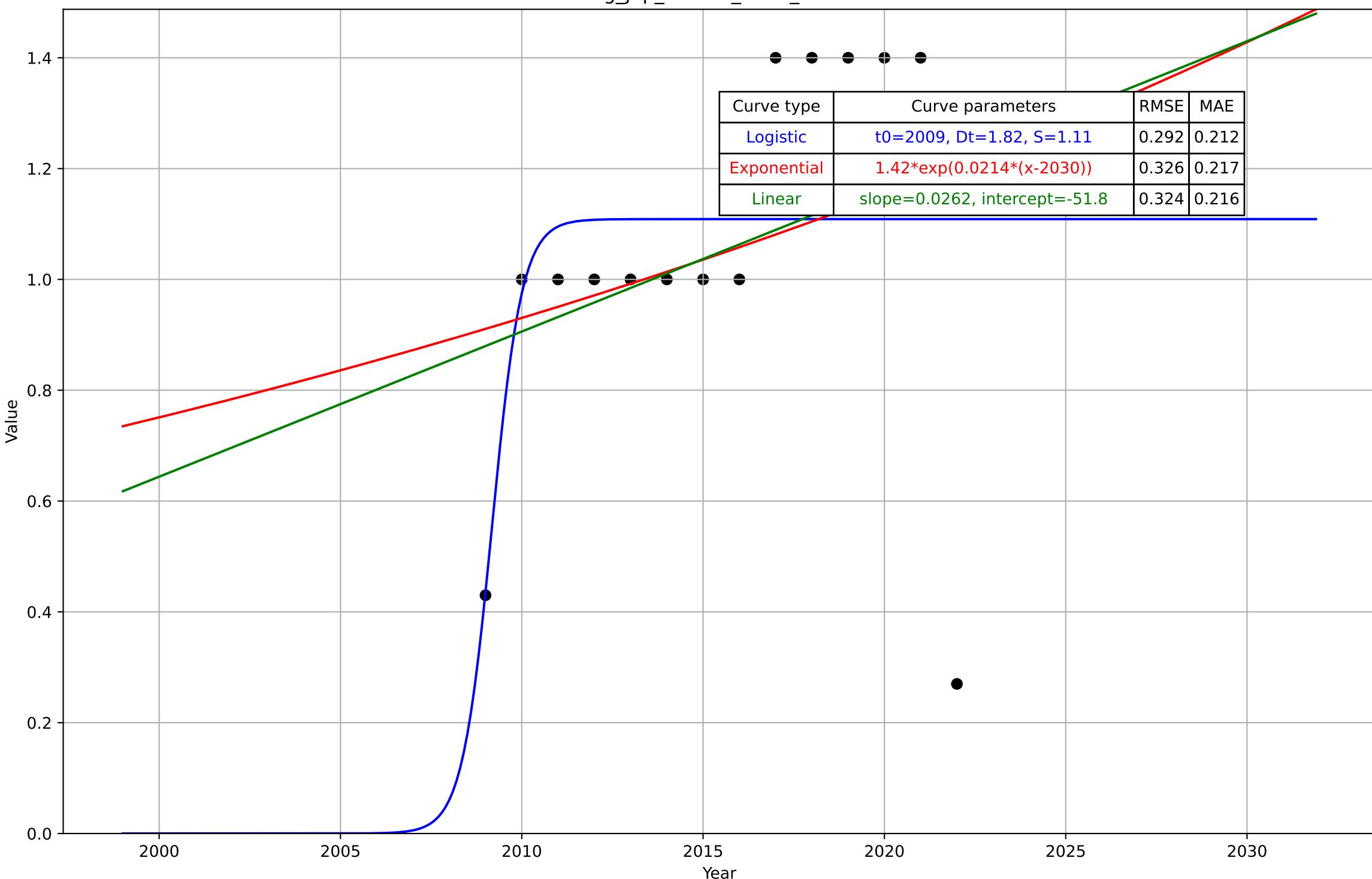
Organic food consumption
Japan
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_jap_1.1Ado_d157_m091

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=36.9, S=16.7	2.46	1.43
Exponential	8.95*exp(0.0453*(x-2014))	2.47	1.35
Linear	slope=0.457, intercept=-912	2.46	1.4

Organic food consumption
Japan
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_jap_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=45.5, S=2.54e+03	113	98.1
Exponential	0.0788*exp(0.0532*(x-1835))	116	100
Linear	slope=58.5, intercept=-1.17e+05	112	95.5

Organic food consumption
Japan
1.1
Organic retail sales share [%]
%
Adoption over time
org_jap_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=1.82, S=1.11	0.292	0.212
Exponential	1.42*exp(0.0214*(x-2030))	0.326	0.217
Linear	slope=0.0262, intercept=-51.8	0.324	0.216
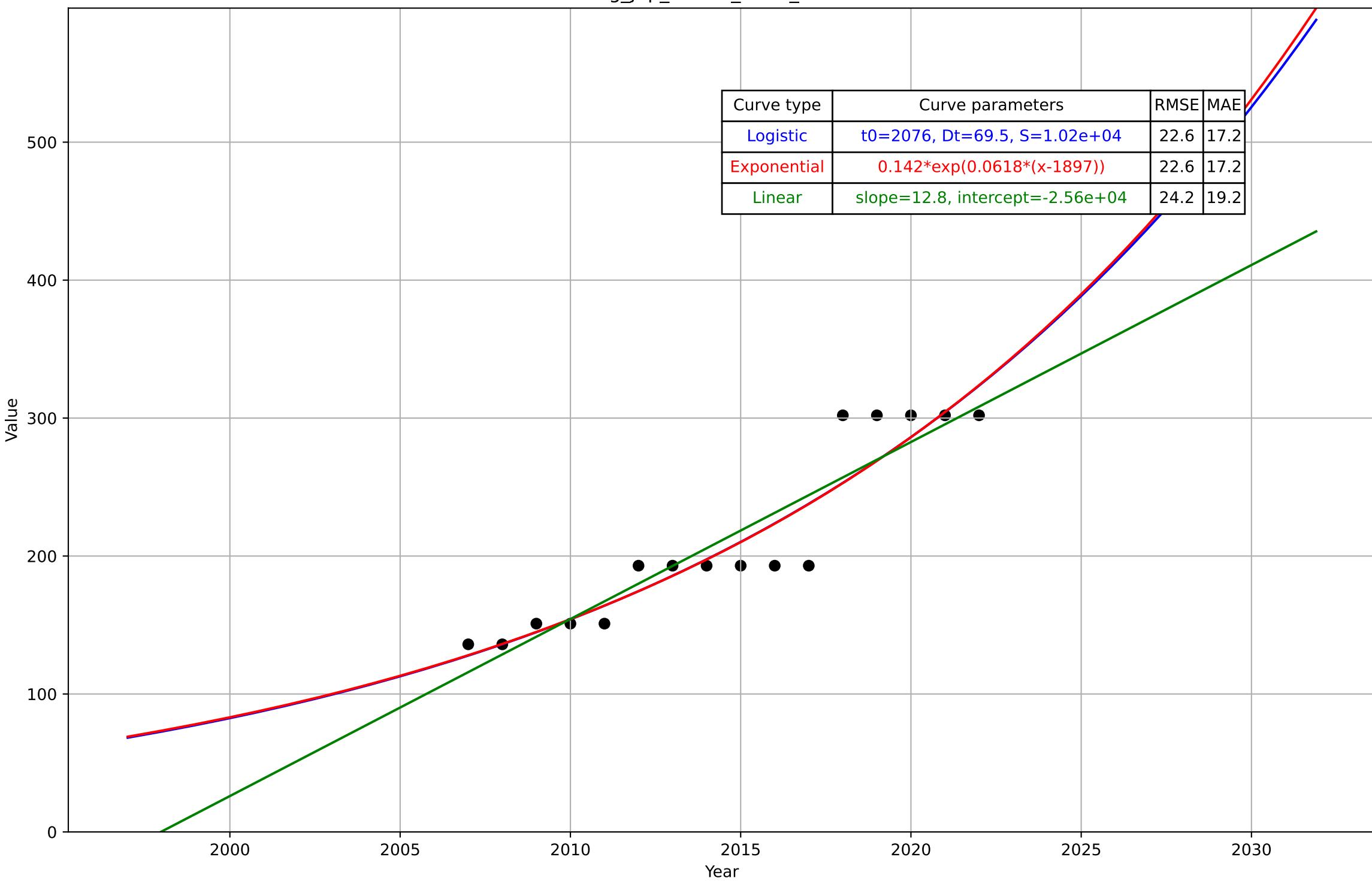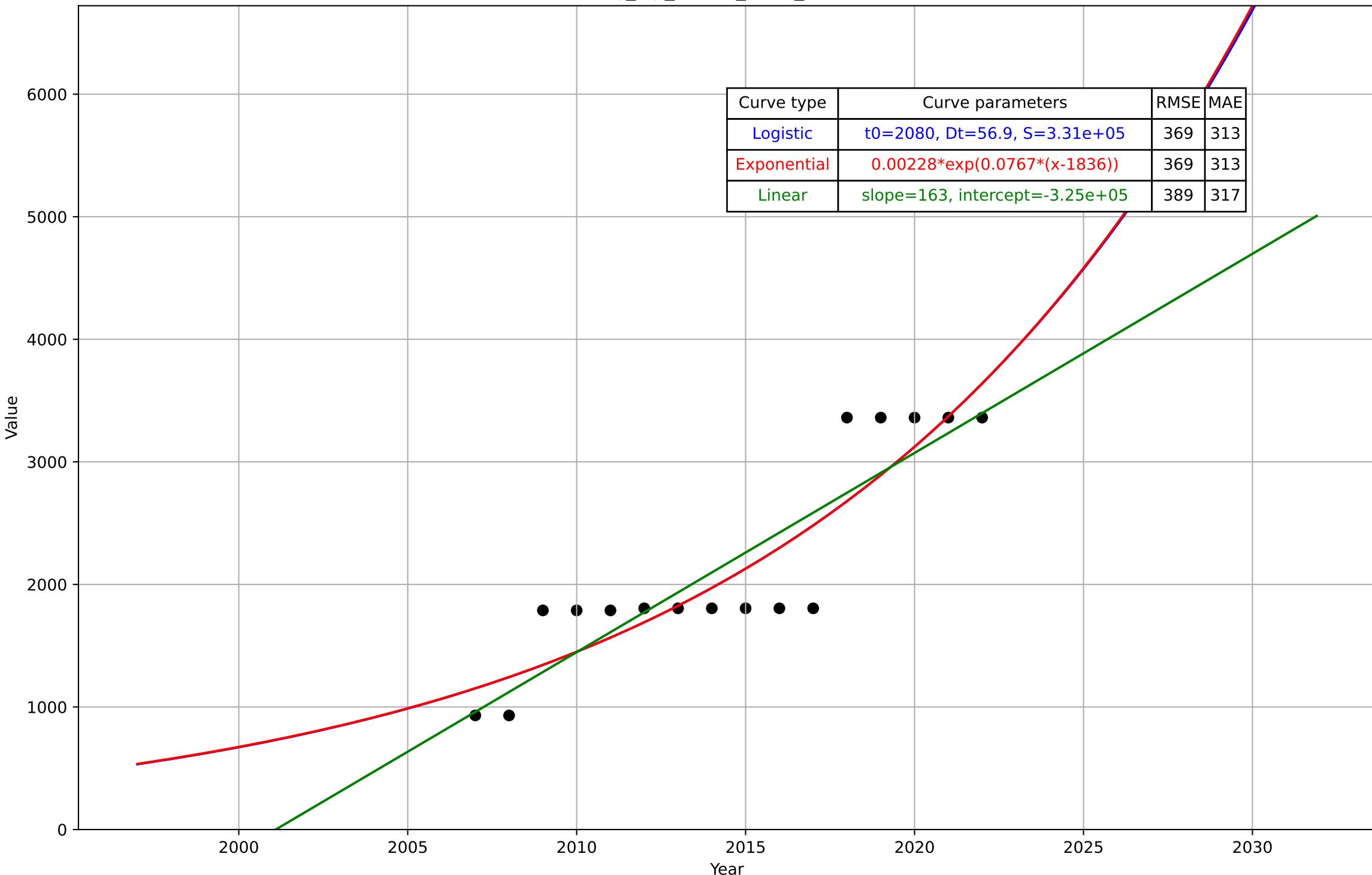
Organic food consumption
Japan
2.5
Organic importers
#
Variety (Choice Availability)
org_jap_2.5Var_d155_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2076, Dt=69.5, S=1.02e+04	22.6	17.2
Exponential	0.142*exp(0.0618*(x-1897))	22.6	17.2
Linear	slope=12.8, intercept=-2.56e+04	24.2	19.2

Value

Year
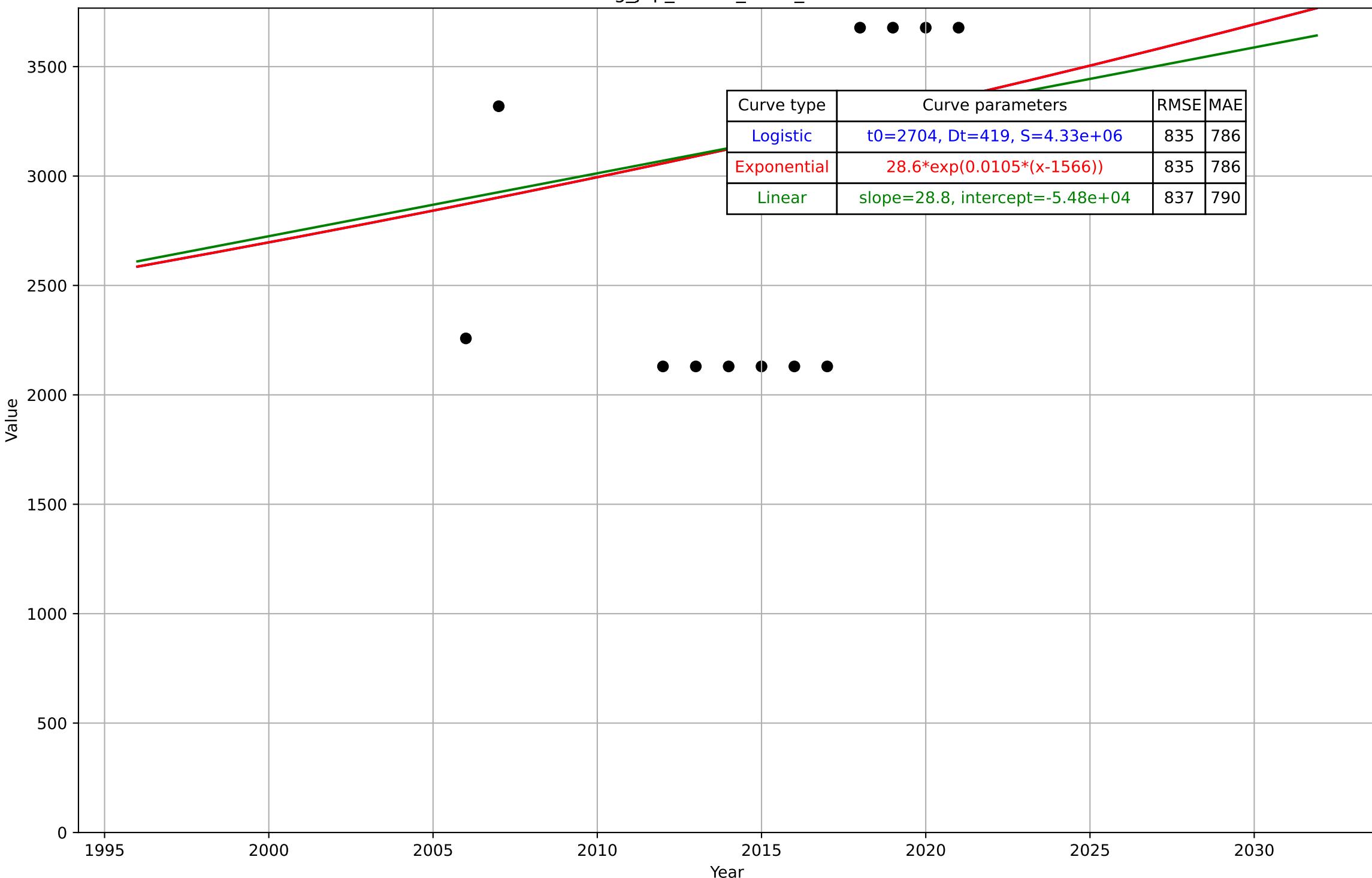
Organic food consumption
Japan
2.5
Organic processors
#
Variety (Choice Availability)
org_jap_2.5Var_d158_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2080, Dt=56.9, S=3.31e+05	369	313
Exponential	0.00228*exp(0.0767*(x-1836))	369	313
Linear	slope=163, intercept=-3.25e+05	389	317

Organic food consumption
Japan
2.5
Organic producers
#
Variety (Choice Availability)
org_jap_2.5Var_d159_m001
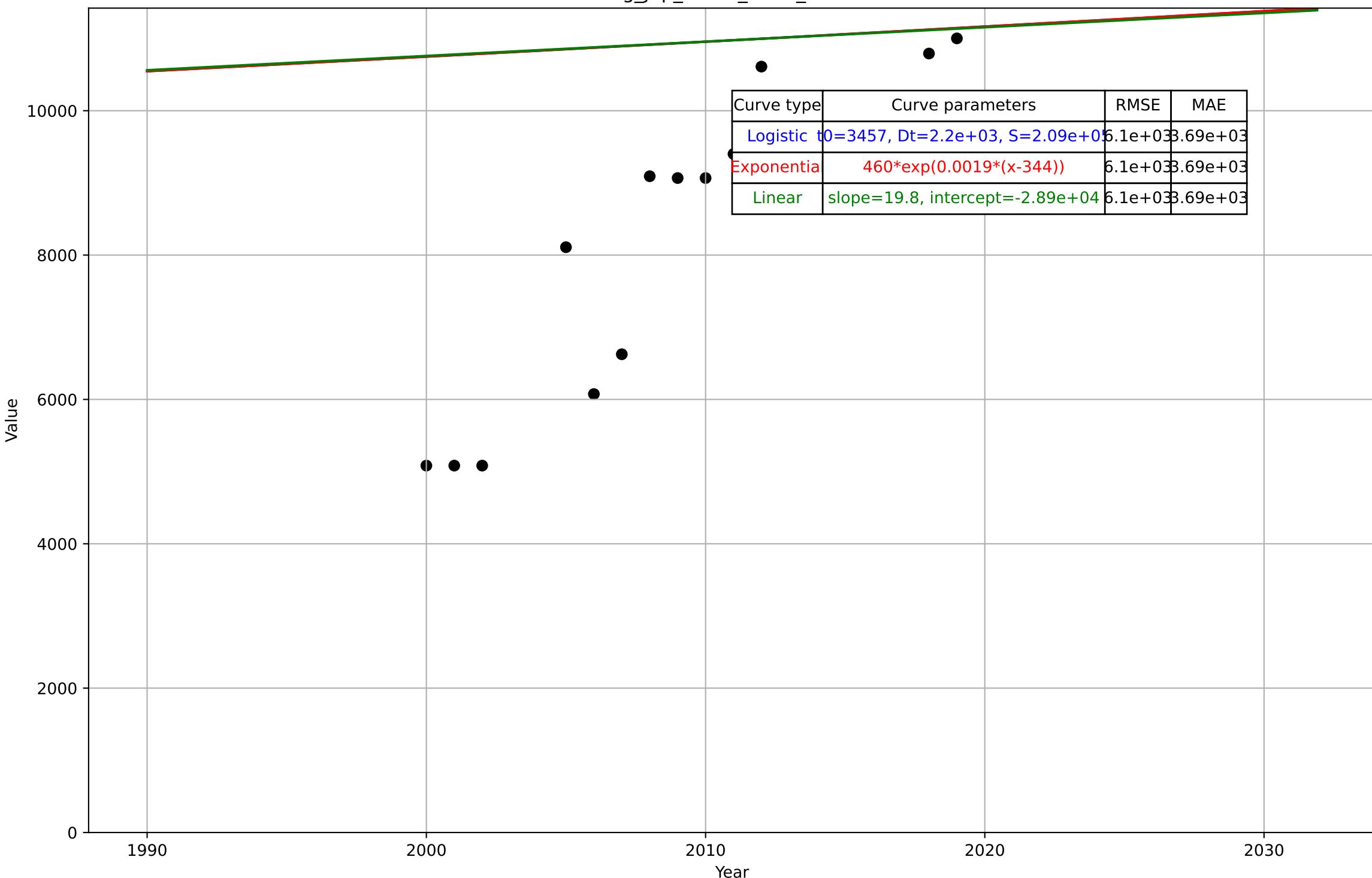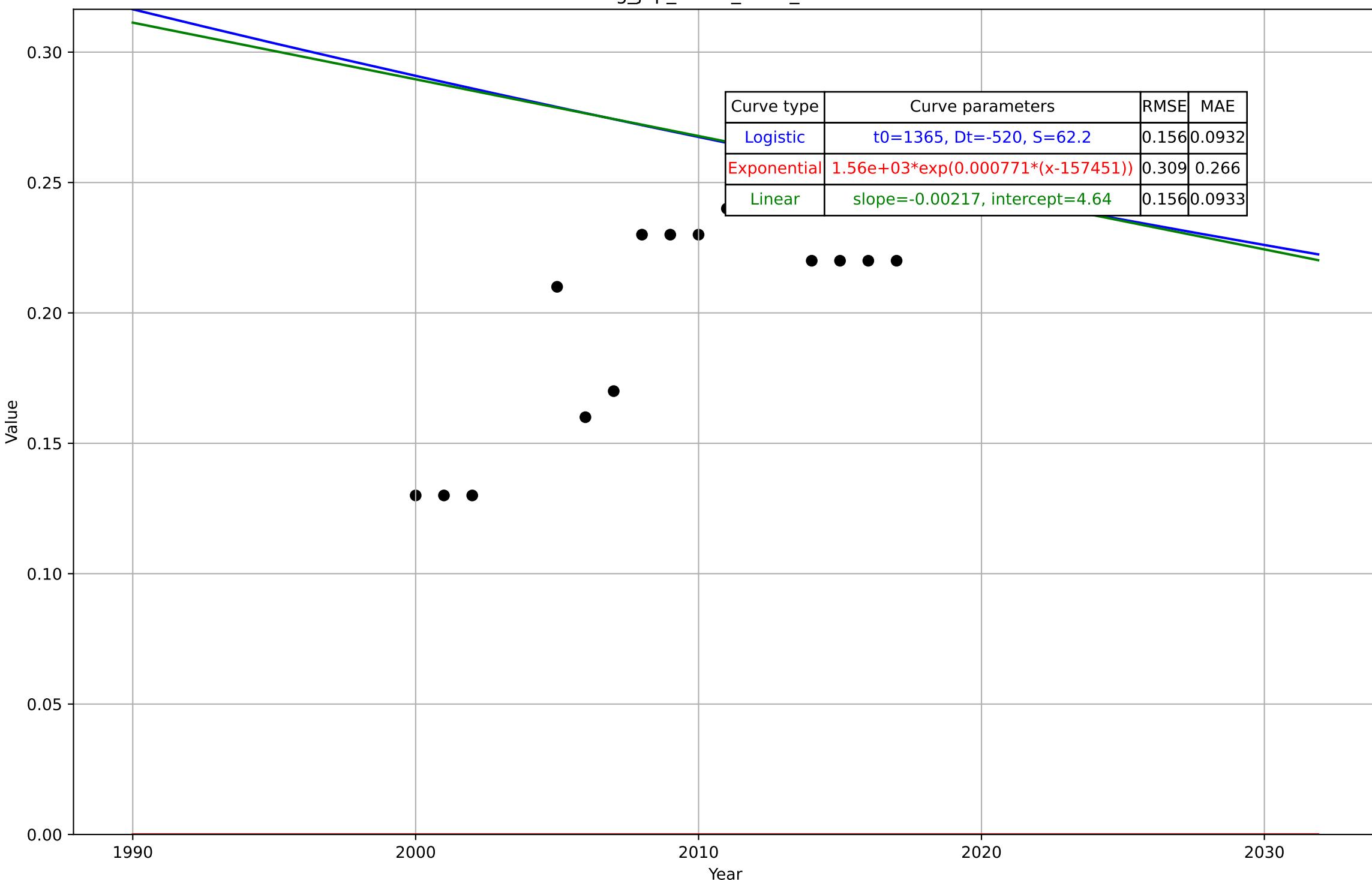
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2704, Dt=419, S=4.33e+06	835	786
Exponential	28.6*exp(0.0105*(x-1566))	835	786
Linear	slope=28.8, intercept=-5.48e+04	837	790

Organic food consumption
Japan
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_jap_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3457, Dt=2.2e+03, S=2.09e+06	6.1e+03	3.69e+03
Exponential	460*exp(0.0019*(x-344))	6.1e+03	3.69e+03
Linear	slope=19.8, intercept=-2.89e+04	6.1e+03	3.69e+03
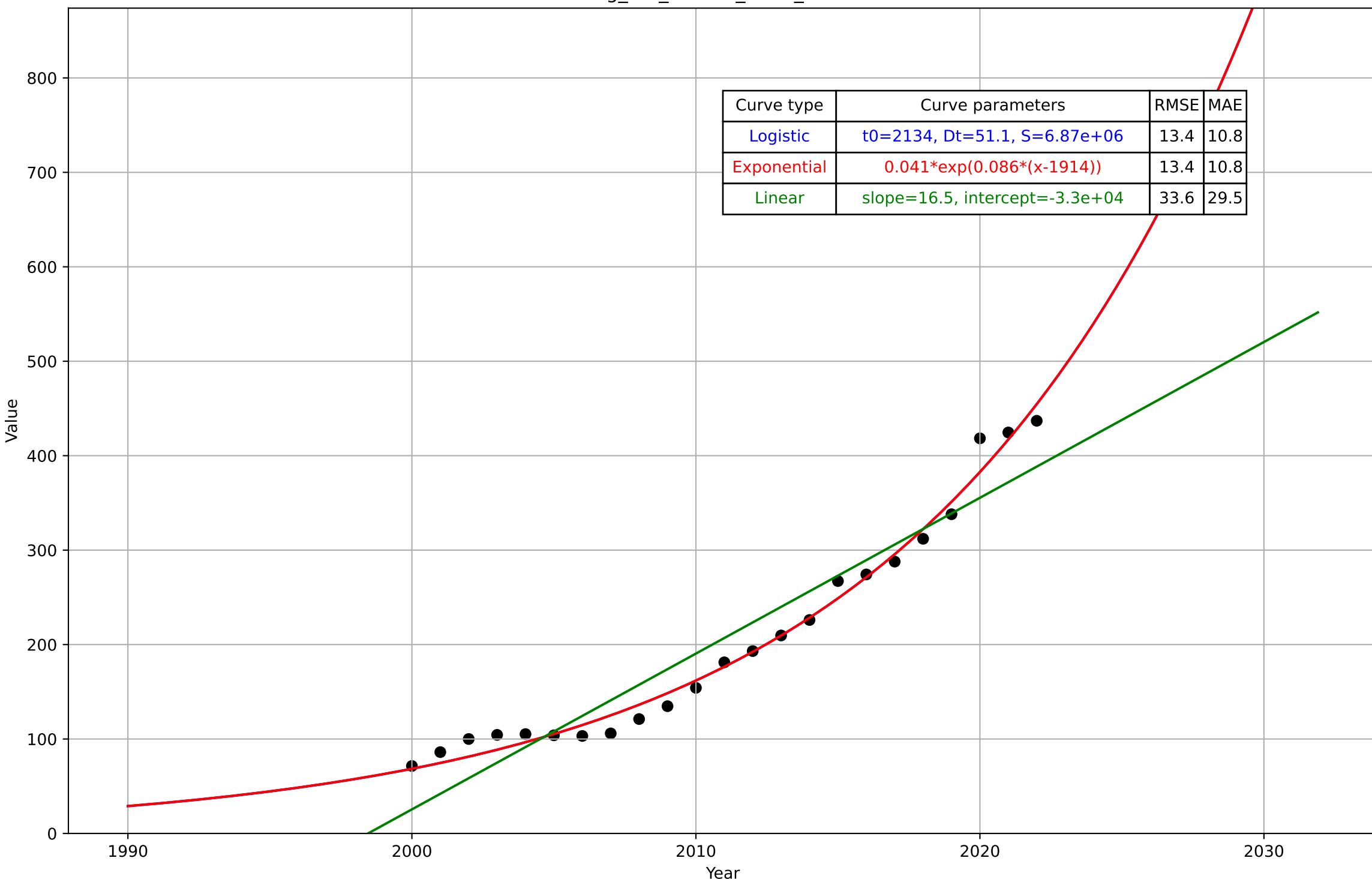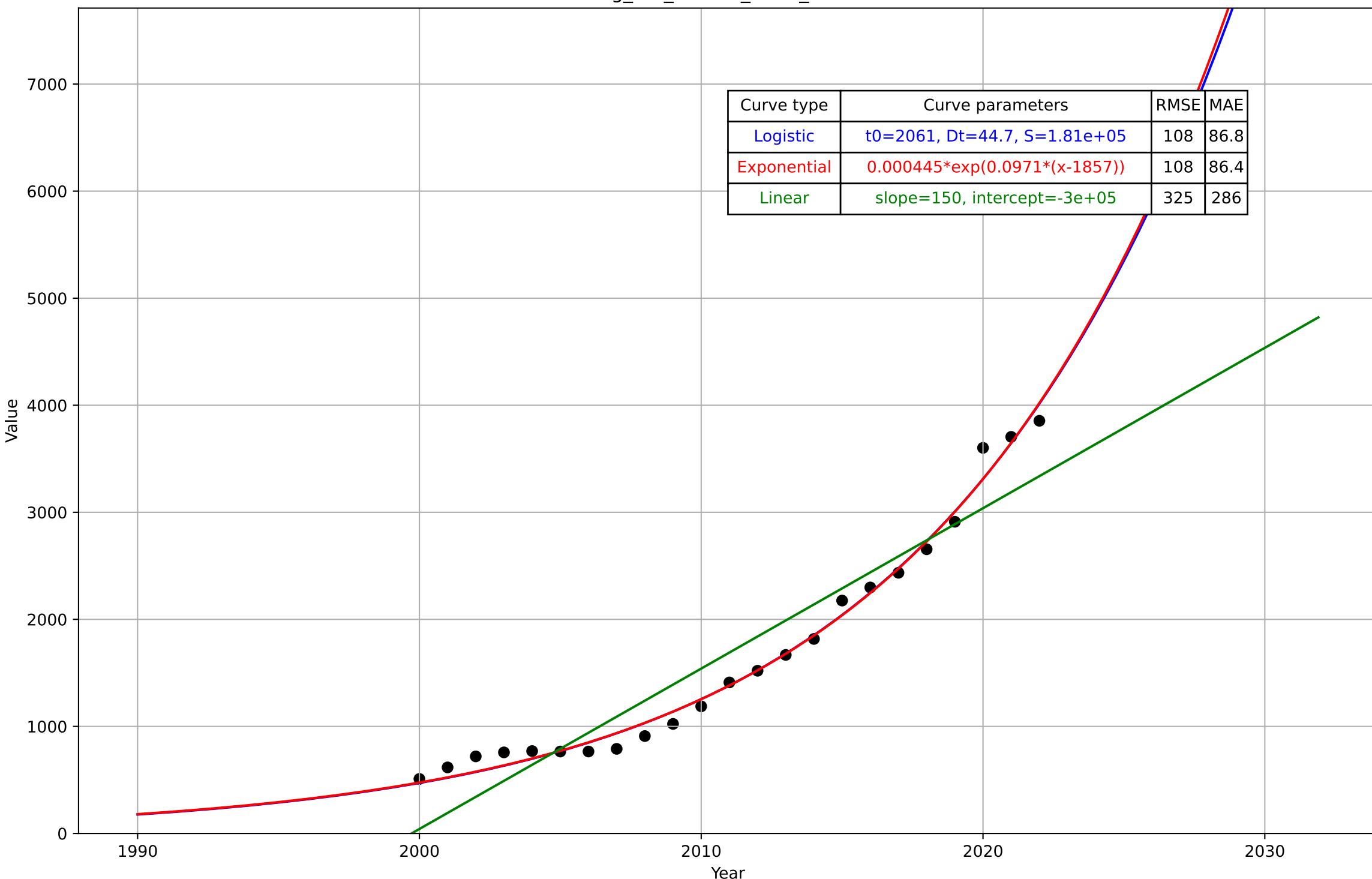
Organic food consumption
Japan
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_jap_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1365, Dt=-520, S=62.2	0.156	0.0932
Exponential	1.56e+03*exp(0.000771*(x-157451))	0.309	0.266
Linear	slope=-0.00217, intercept=4.64	0.156	0.0933

Value

Year
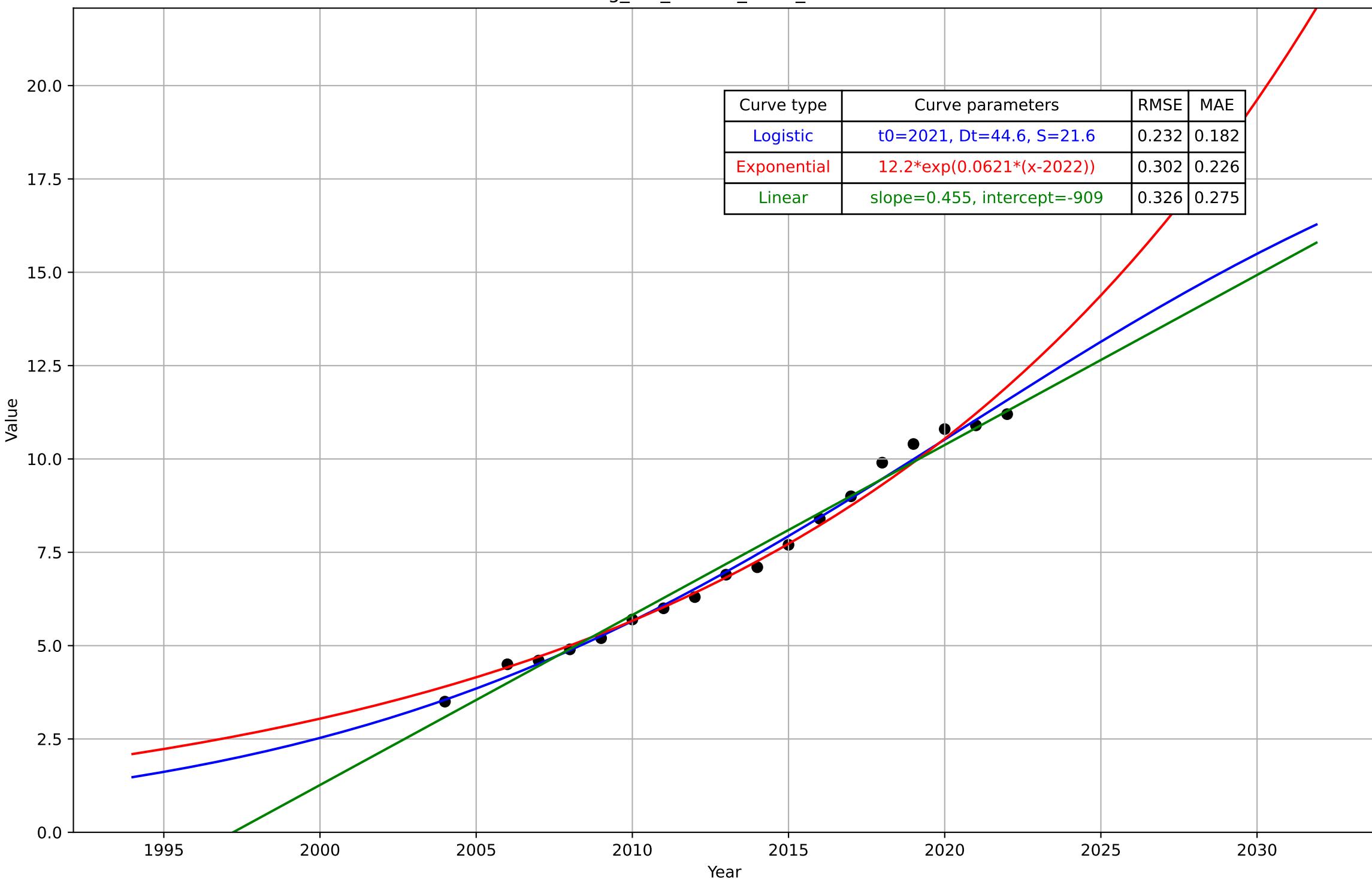
Organic food consumption
Switzerland
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_swi_1.1Ado_d157_m091

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2134, Dt=51.1, S=6.87e+06	13.4	10.8
Exponential	0.041*exp(0.086*(x-1914))	13.4	10.8
Linear	slope=16.5, intercept=-3.3e+04	33.6	29.5

Organic food consumption
Switzerland
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_swi_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2061, Dt=44.7, S=1.81e+05	108	86.8
Exponential	0.000445*exp(0.0971*(x-1857))	108	86.4
Linear	slope=150, intercept=-3e+05	325	286

Organic food consumption
Switzerland
1.1
Organic retail sales share [%]
%
Adoption over time
org_swi_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=44.6, S=21.6	0.232	0.182
Exponential	12.2*exp(0.0621*(x-2022))	0.302	0.226
Linear	slope=0.455, intercept=-909	0.326	0.275
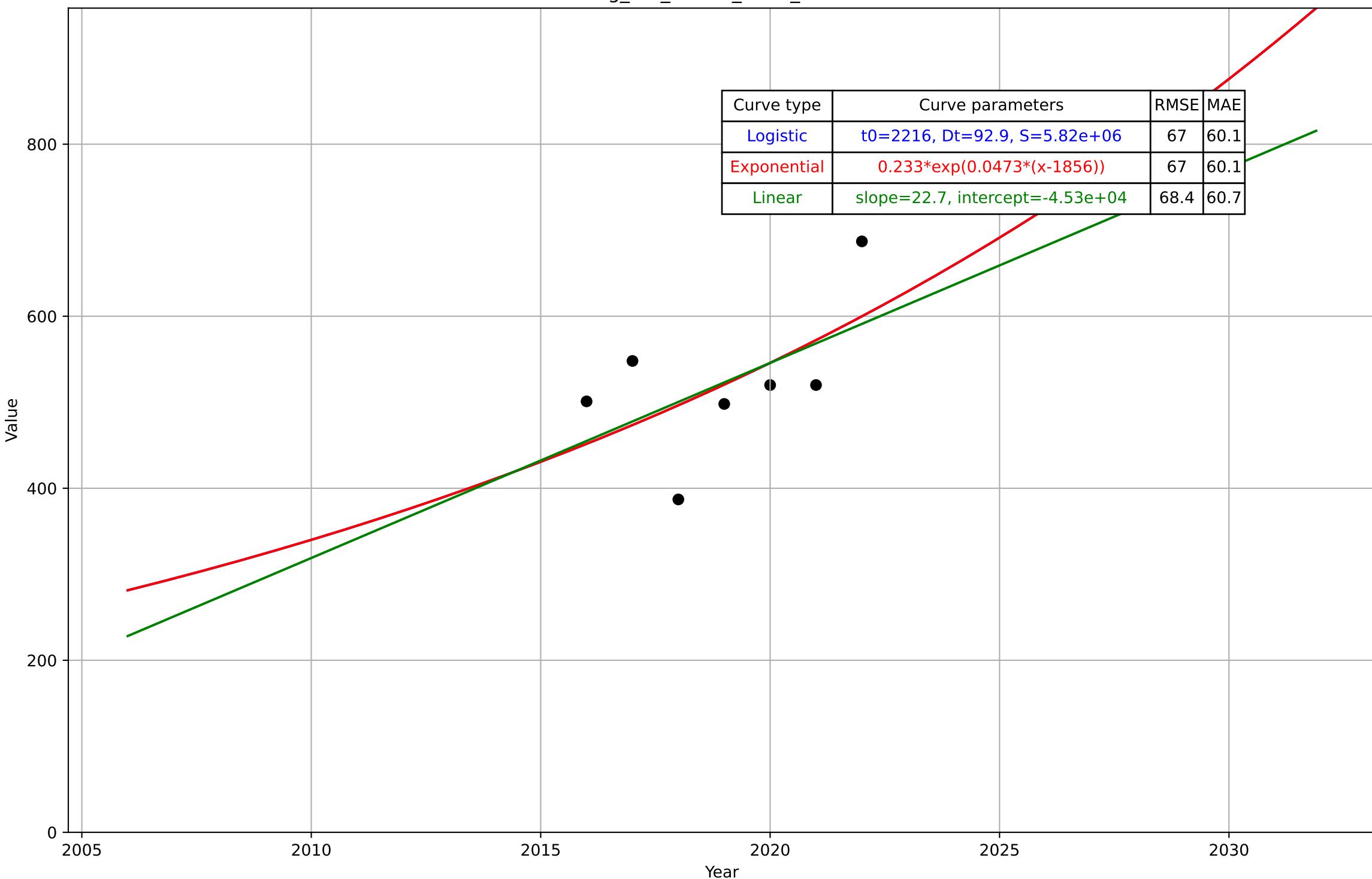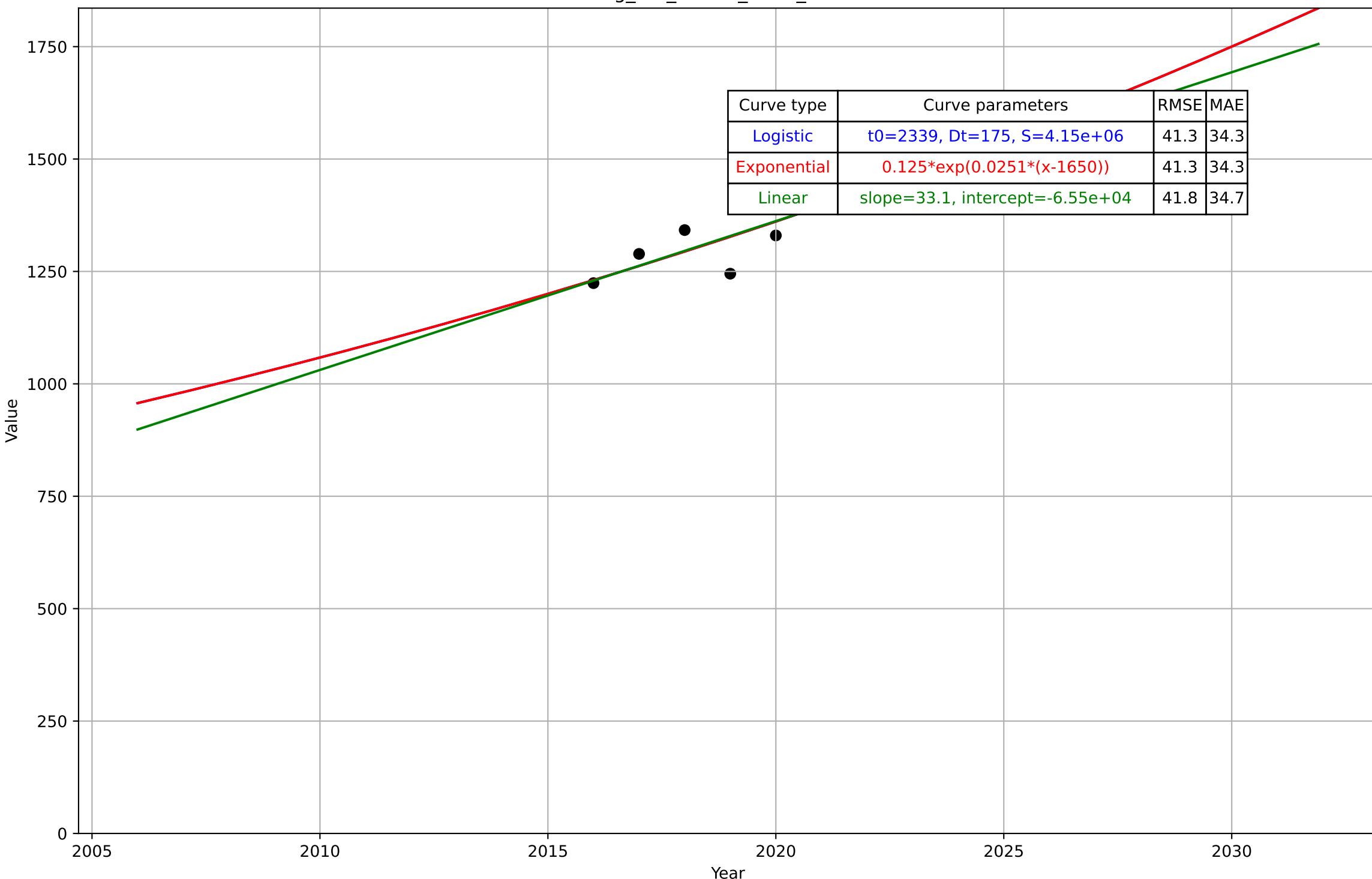
Organic food consumption
Switzerland
2.5
Organic importers
#
Variety (Choice Availability)
org_swi_2.5Var_d155_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2216, Dt=92.9, S=5.82e+06	67	60.1
Exponential	0.233*exp(0.0473*(x-1856))	67	60.1
Linear	slope=22.7, intercept=-4.53e+04	68.4	60.7
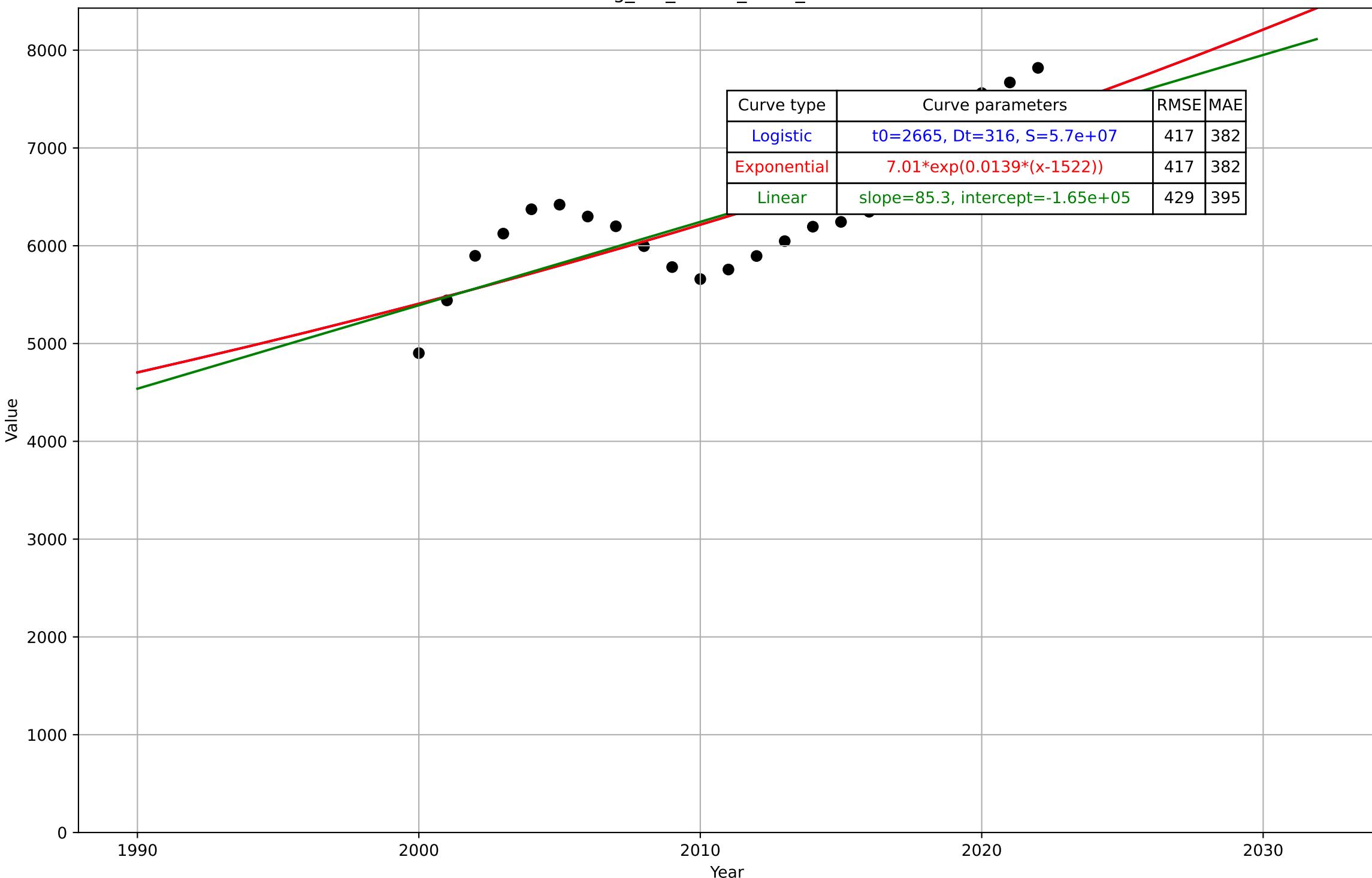
Organic food consumption
Switzerland
2.5
Organic processors
#
Variety (Choice Availability)
org_swi_2.5Var_d158_m001
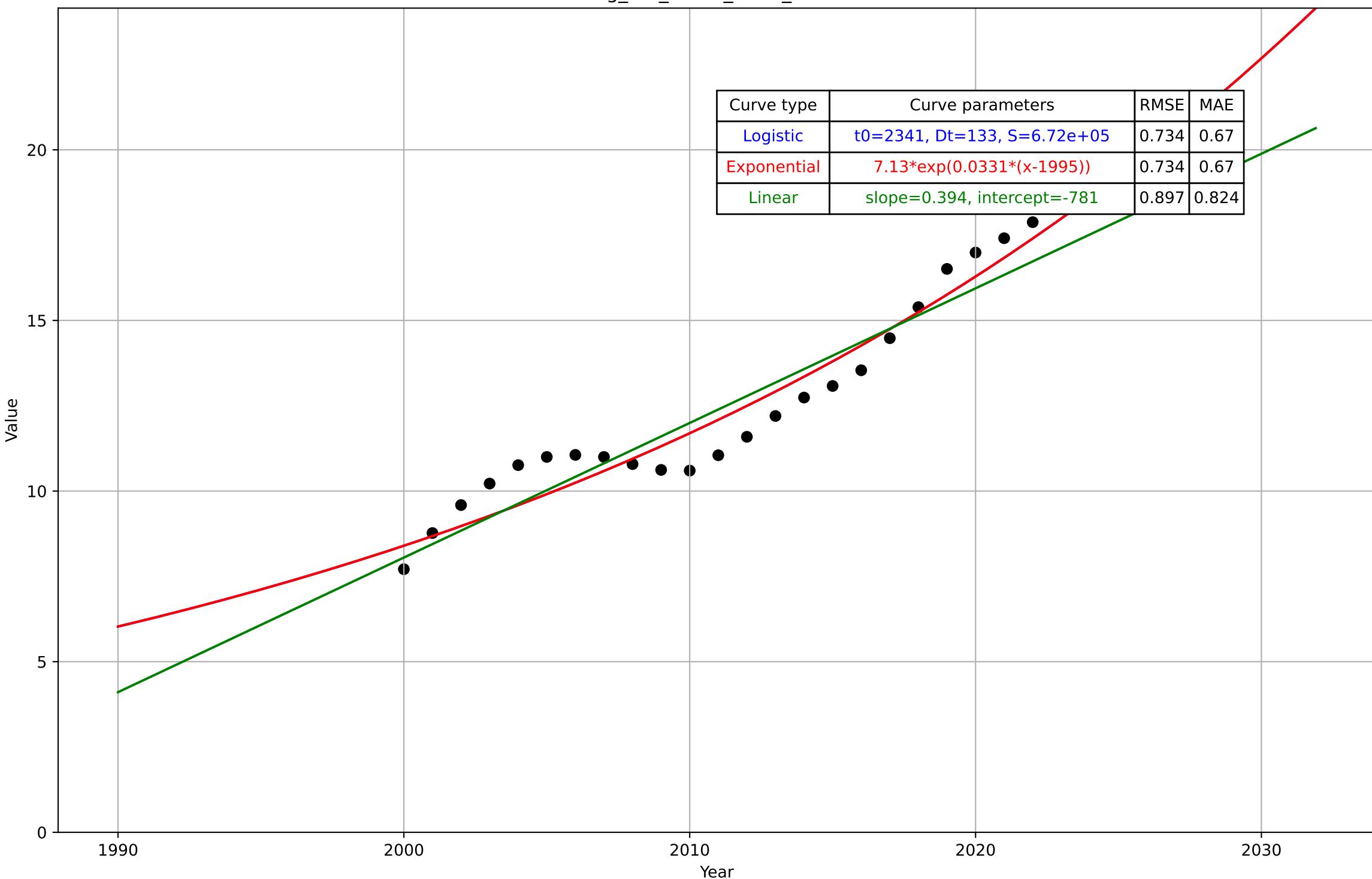
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2339, Dt=175, S=4.15e+06	41.3	34.3
Exponential	0.125*exp(0.0251*(x-1650))	41.3	34.3
Linear	slope=33.1, intercept=-6.55e+04	41.8	34.7

Organic food consumption
Switzerland
2.5
Organic producers
# #
Variety (Choice Availability)
org_swi_2.5Var_d159_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2665, Dt=316, S=5.7e+07	417	382
Exponential	7.01*exp(0.0139*(x-1522))	417	382
Linear	slope=85.3, intercept=-1.65e+05	429	395
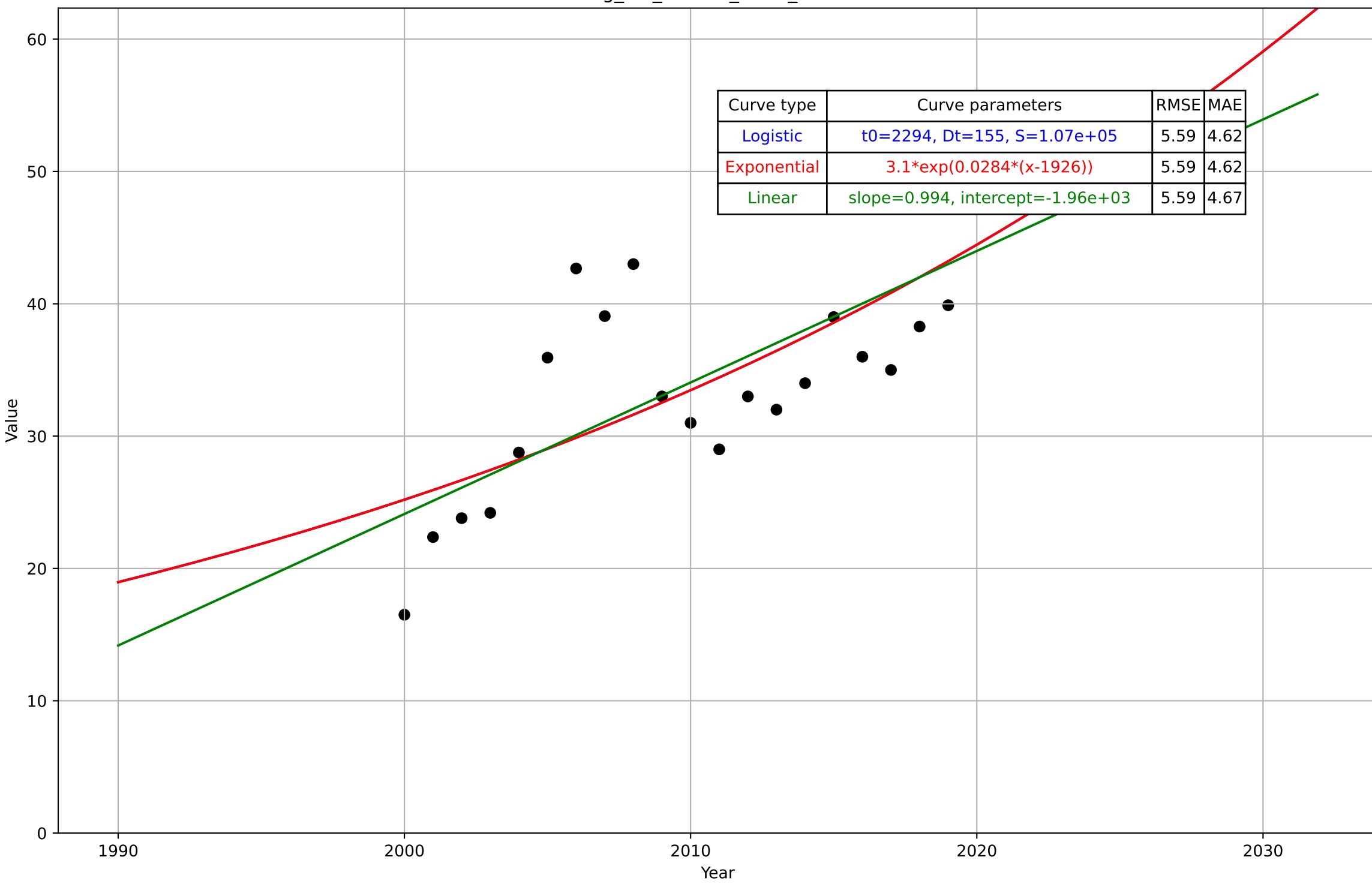
Organic food consumption
Switzerland
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_swi_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2363, Dt=138, S=9.26e+09	7.93e+03	7.25e+03
Exponential	1.12*exp(0.0318*(x-1645))	7.93e+03	7.25e+03
Linear	slope=3.98e+03, intercept=-7.88e+06	9.5e+03	8.73e+03
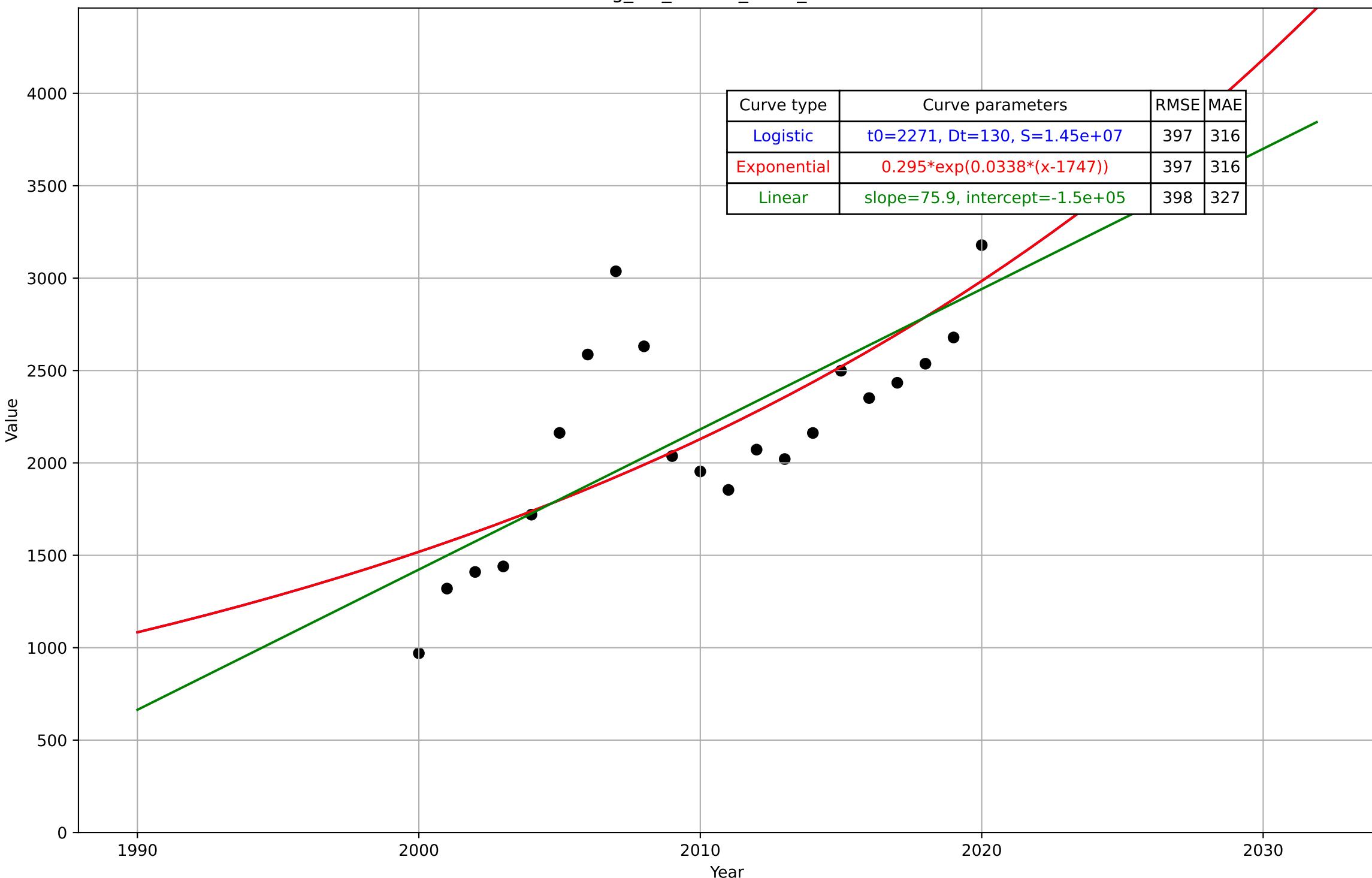
Organic food consumption
Switzerland
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_swi_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2341, Dt=133, S=6.72e+05	0.734	0.67
Exponential	7.13*exp(0.0331*(x-1995))	0.734	0.67
Linear	slope=0.394, intercept=-781	0.897	0.824
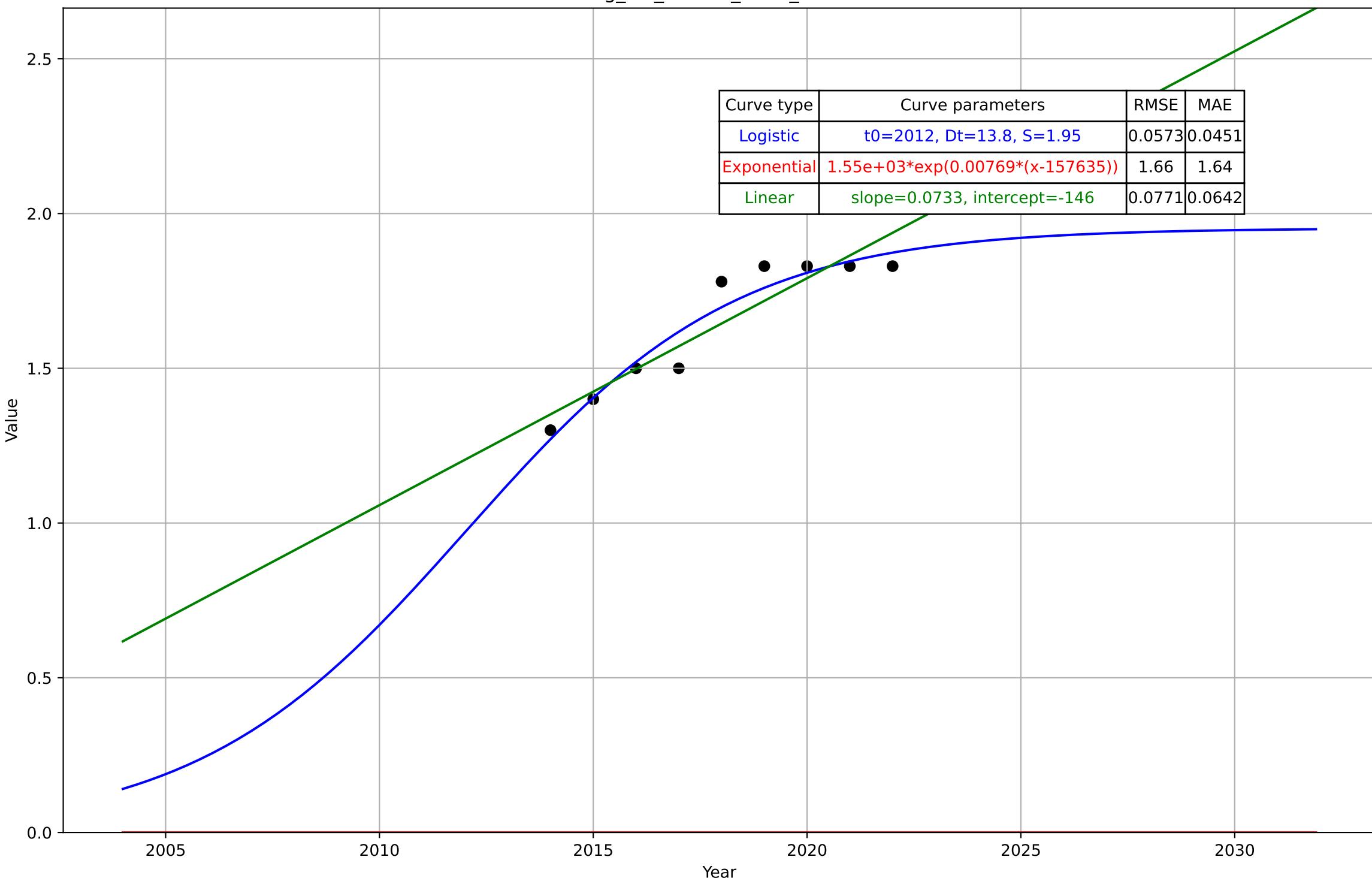
Organic food consumption
UK
1.1
Organic per capita consumption [€/person]
€/person
Adoption over time
org_uki_1.1Ado_d157_m091

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2294, Dt=155, S=1.07e+05	5.59	4.62
Exponential	3.1*exp(0.0284*(x-1926))	5.59	4.62
Linear	slope=0.994, intercept=-1.96e+03	5.59	4.67

Organic food consumption
UK
1.1
Organic retail sales market size [million]
million EUR
Adoption over time
org_uki_1.1Ado_d160_m121

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2271, Dt=130, S=1.45e+07	397	316
Exponential	0.295*exp(0.0338*(x-1747))	397	316
Linear	slope=75.9, intercept=-1.5e+05	398	327

Organic food consumption
UK
1.1
Organic retail sales share [%]
%
Adoption over time
org_uki_1.1Ado_d161_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=13.8, S=1.95	0.0573	0.0451
Exponential	1.55e+03*exp(0.00769*(x-157635))	1.66	1.64
Linear	slope=0.0733, intercept=-146	0.0771	0.0642
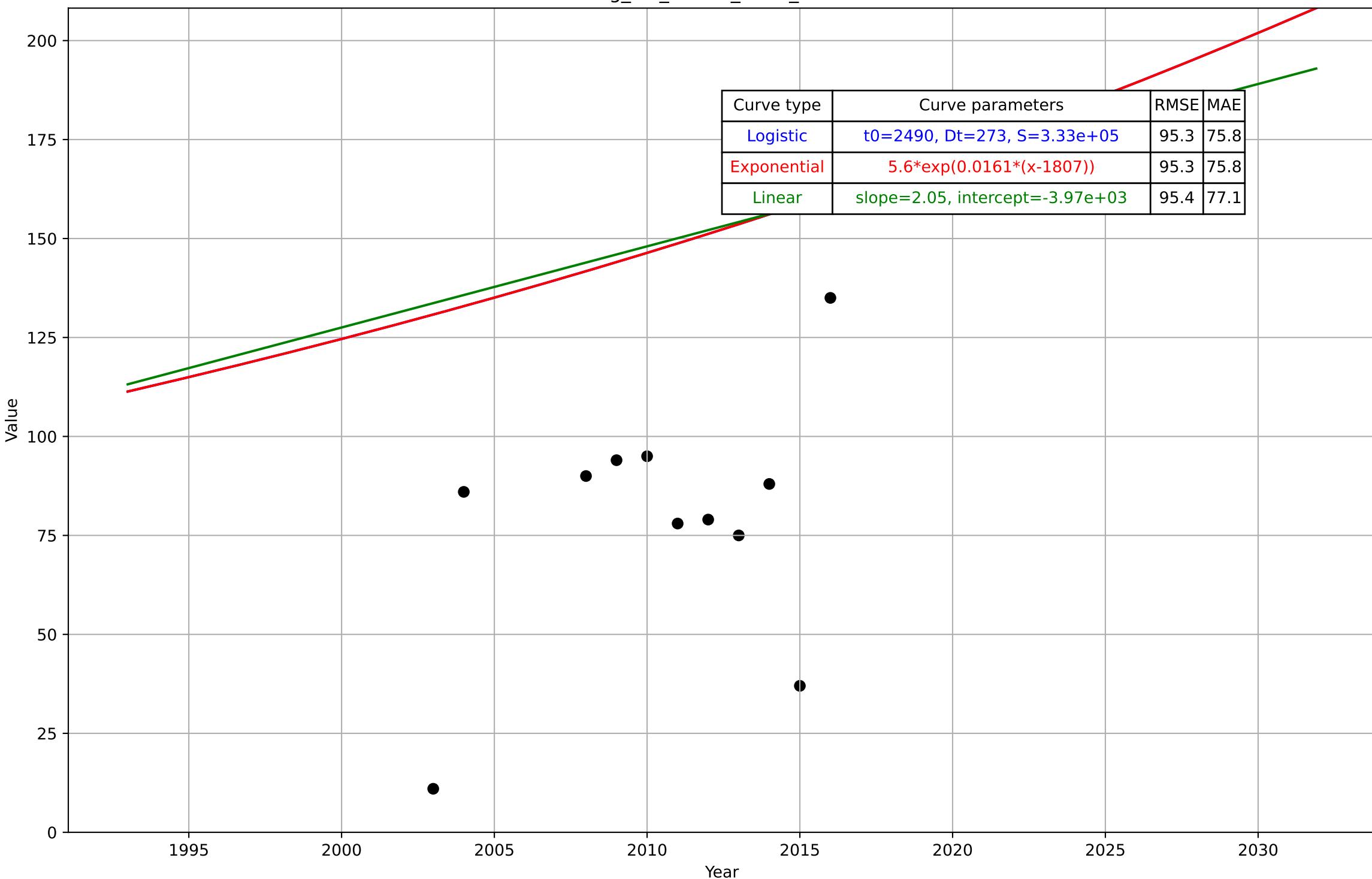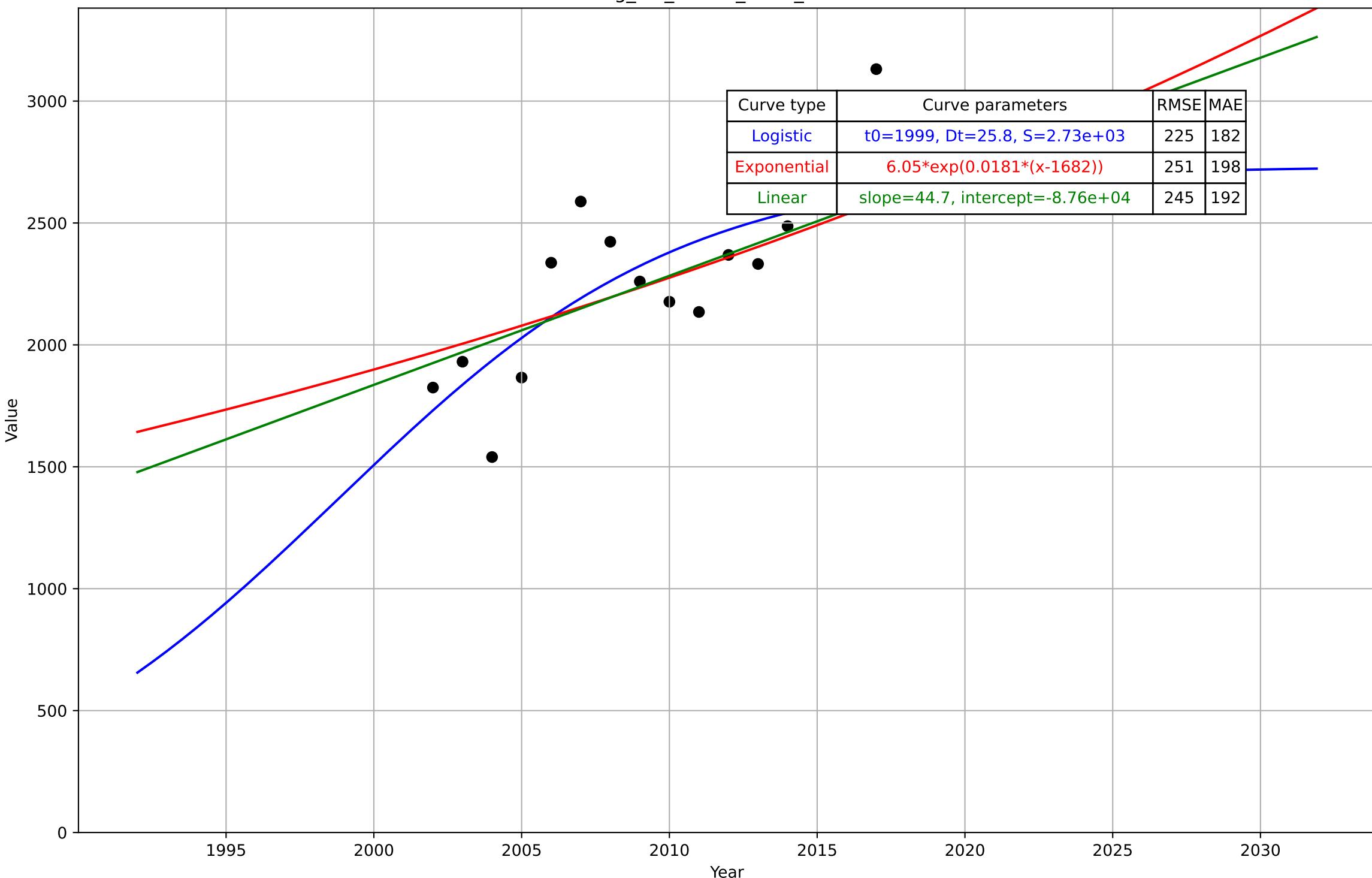
Organic food consumption
UK
2.5
Organic importers
#
Variety (Choice Availability)
org_uki_2.5Var_d155_m001

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2490, Dt=273, S=3.33e+05	95.3	75.8
Exponential	5.6*exp(0.0161*(x-1807))	95.3	75.8
Linear	slope=2.05, intercept=-3.97e+03	95.4	77.1

Organic food consumption
UK
2.5
Organic processors
#
Variety (Choice Availability)
org_uki_2.5Var_d158_m001
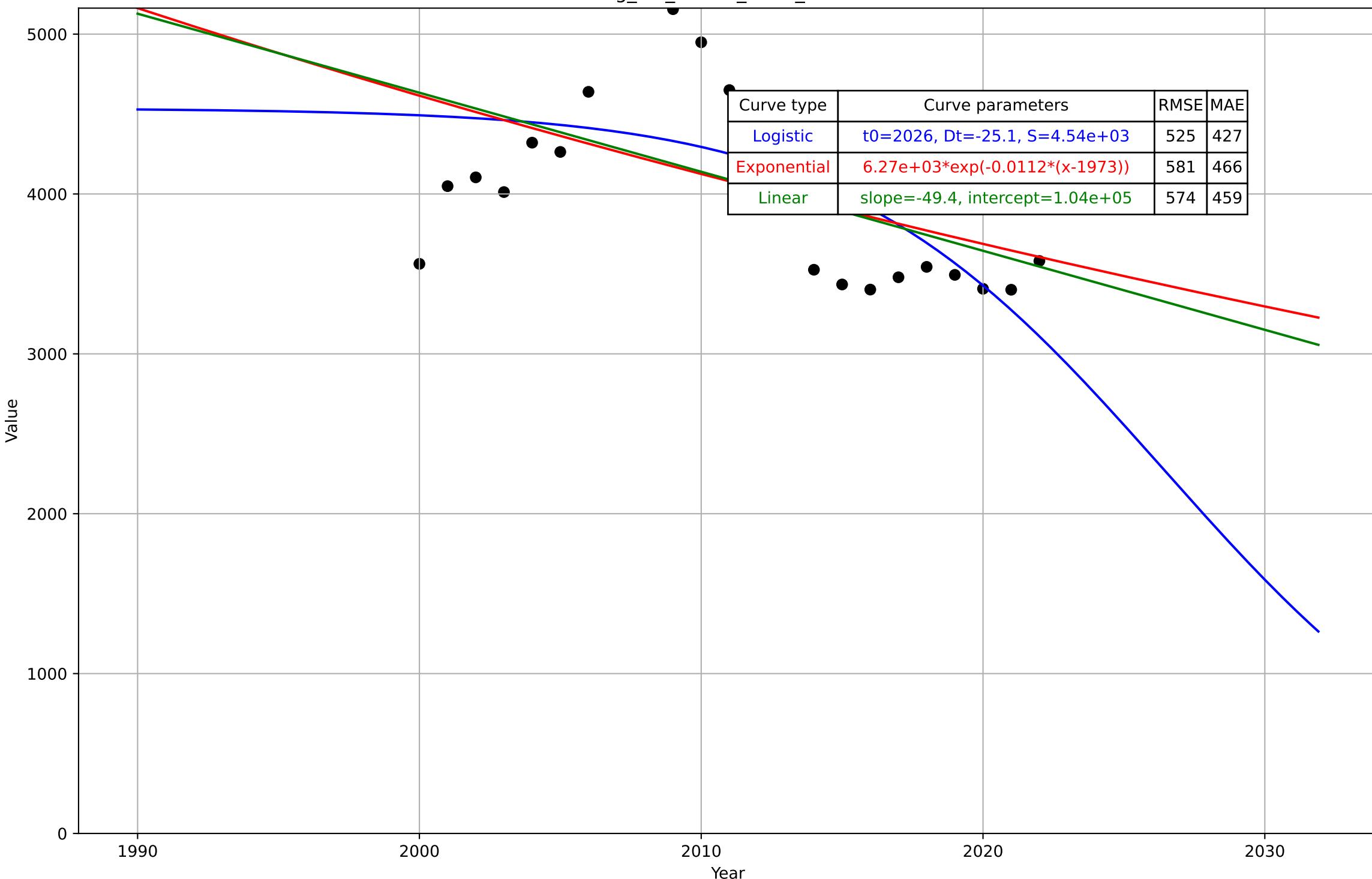
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1999, Dt=25.8, S=2.73e+03	225	182
Exponential	6.05*exp(0.0181*(x-1682))	251	198
Linear	slope=44.7, intercept=-8.76e+04	245	192

Organic food consumption
UK
2.5
Organic producers
#
Variety (Choice Availability)
org_uki_2.5Var_d159_m001
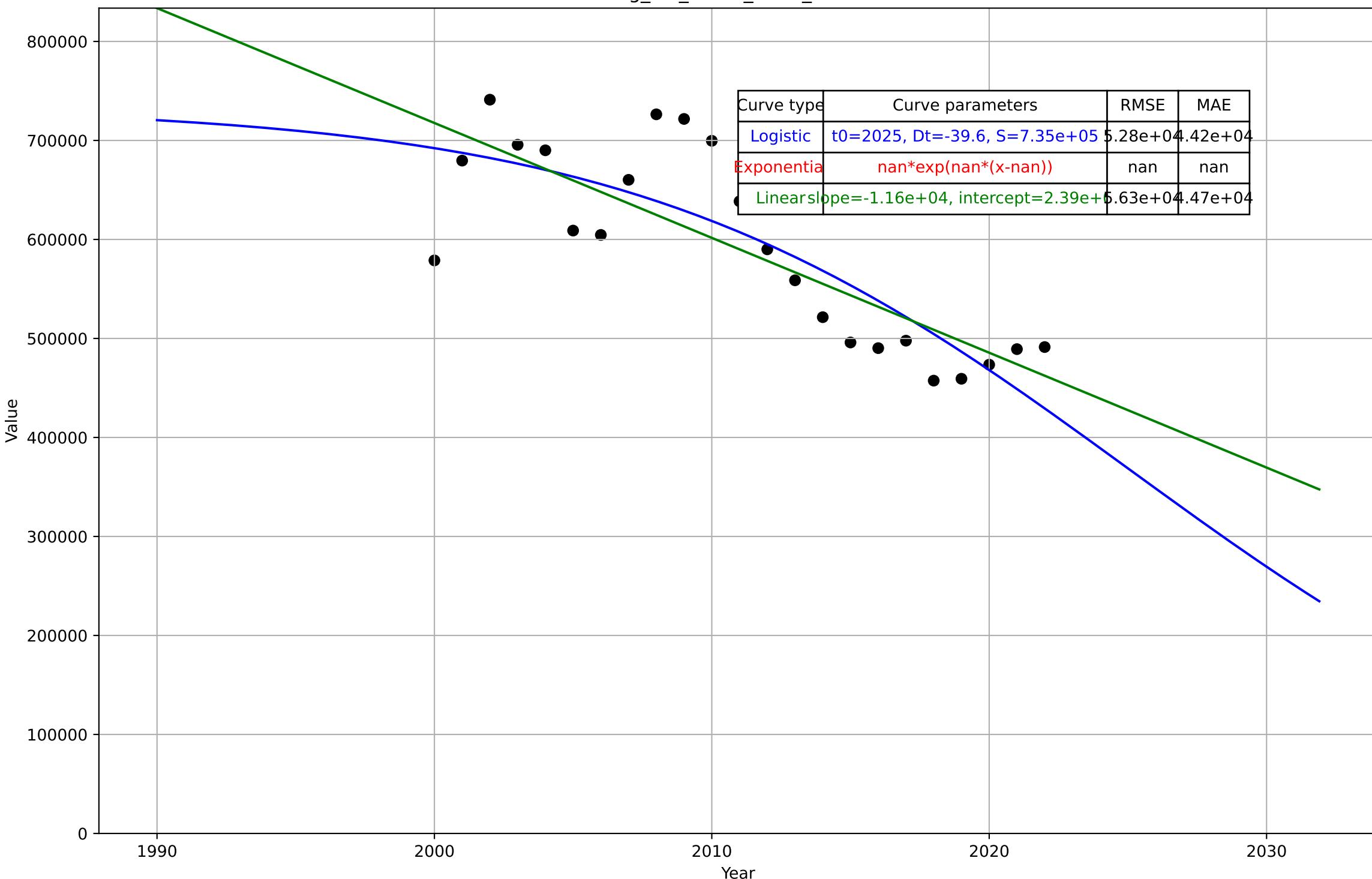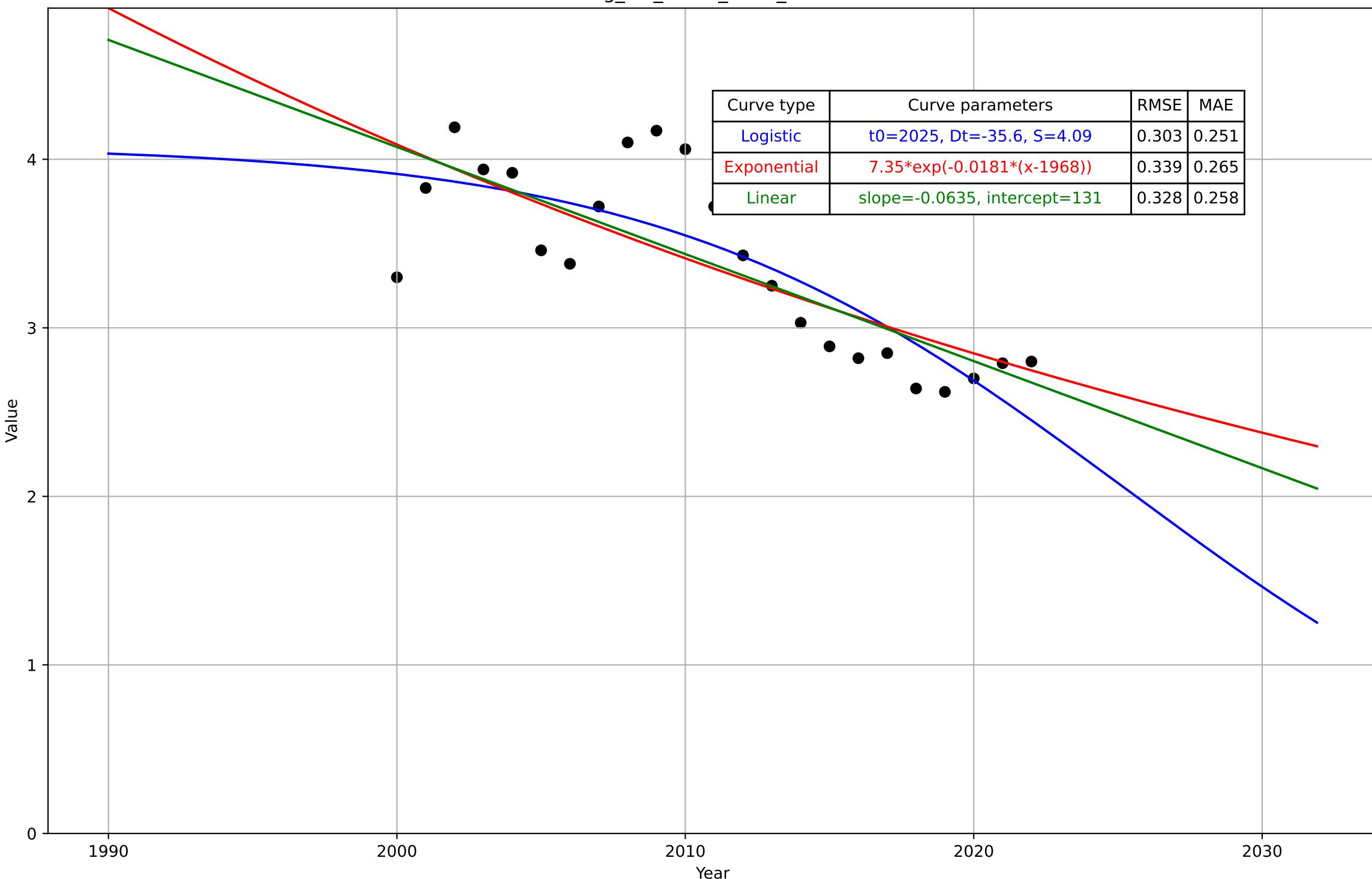
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2026, Dt=-25.1, S=4.54e+03	525	427
Exponential	6.27e+03*exp(-0.0112*(x-1973))	581	466
Linear	slope=-49.4, intercept=1.04e+05	574	459

Organic food consumption
UK
4.5
Organic area (farmland) [ha]
ha
Physical Infrastructure dependence
org_uki_4.5Inf_d152_m104

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2025, Dt=-39.6, S=7.35e+05	5.28e+04	4.42e+04
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=-1.16e+04, intercept=2.39e+	6.63e+04	4.47e+04
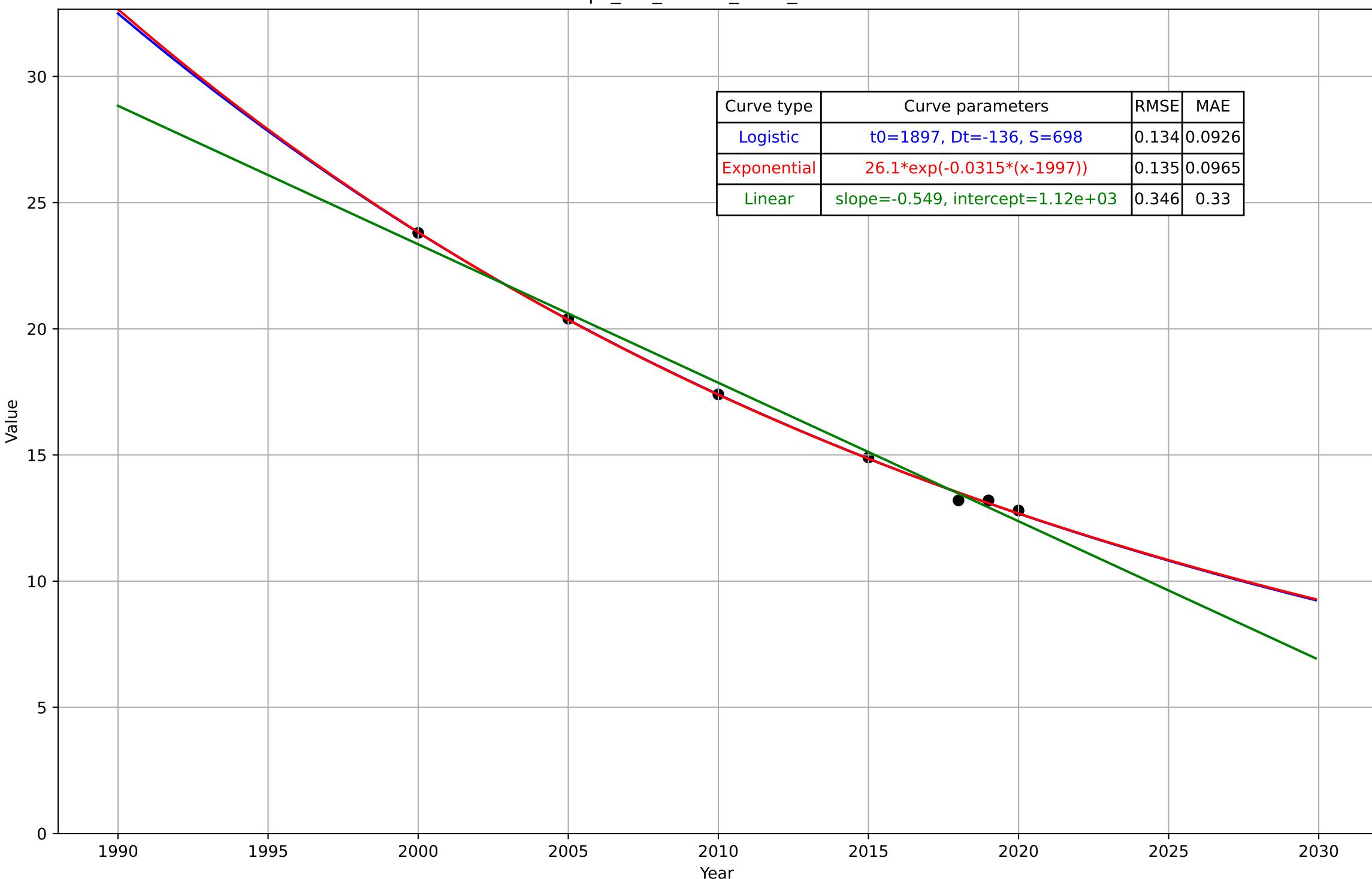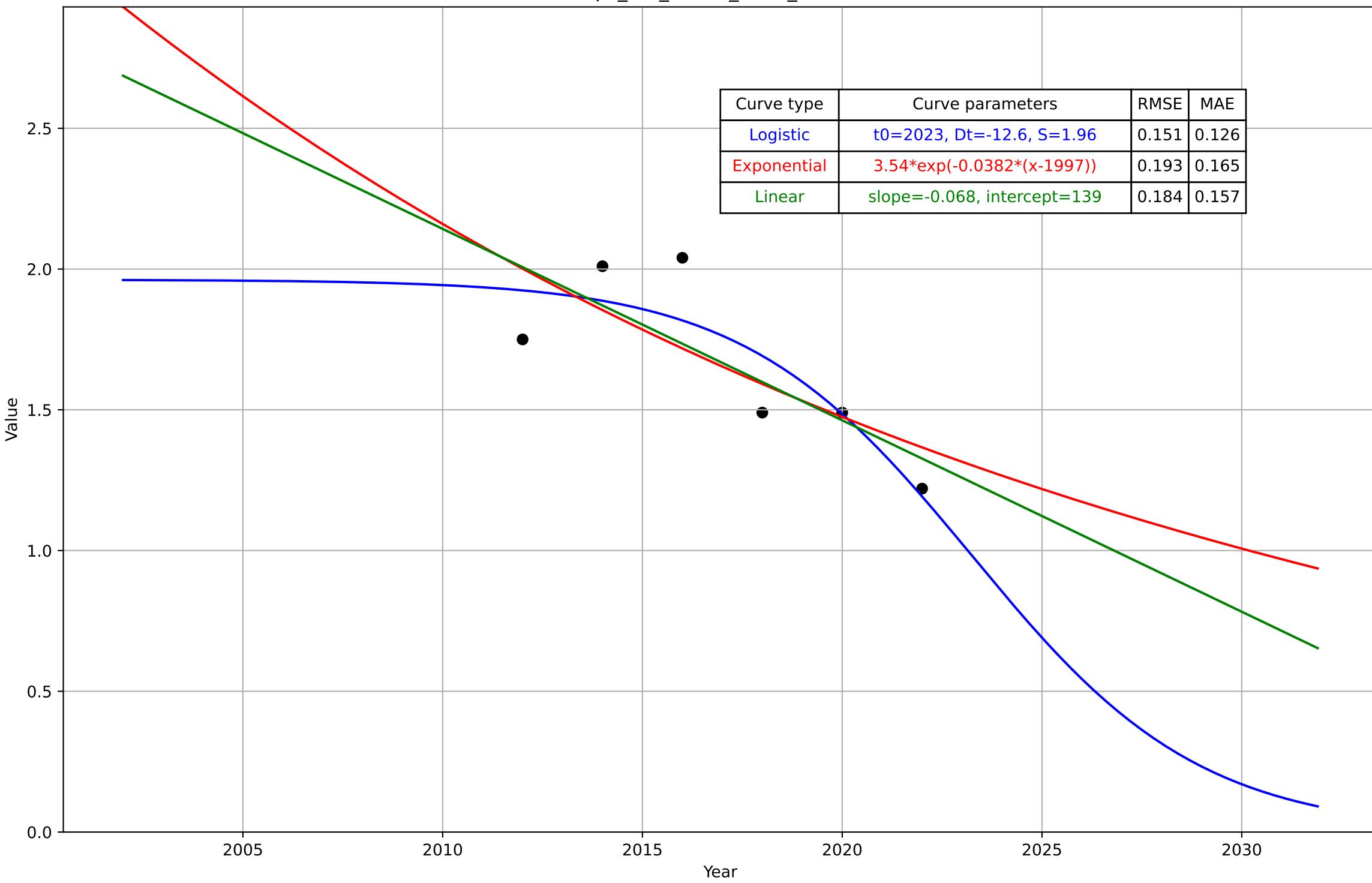
Organic food consumption
UK
4.5
Organic area share of total farmland [%]
%
Physical Infrastructure dependence
org_uki_4.5Inf_d153_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2025, Dt=-35.6, S=4.09	0.303	0.251
Exponential	7.35*exp(-0.0181*(x-1968))	0.339	0.265
Linear	slope=-0.0635, intercept=131	0.328	0.258
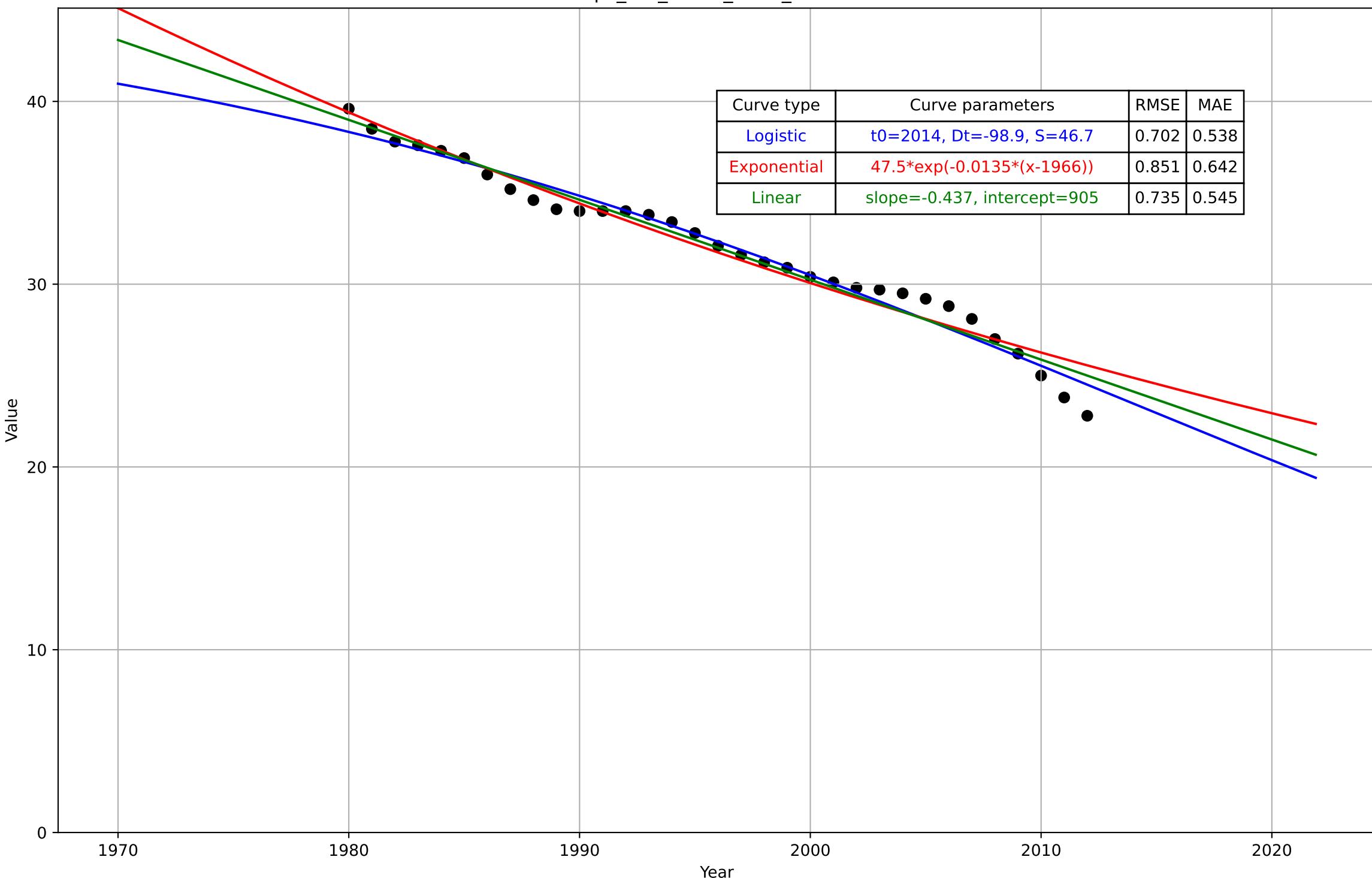
Quitting smoking
Brazil
1.1
Share of adults who smoke
% of adults
Adoption over Time
qui_bra_1.1Ado_d186_m052

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1897, Dt=-136, S=698	0.134	0.0926
Exponential	26.1*exp(-0.0315*(x-1997))	0.135	0.0965
Linear	slope=-0.549, intercept=1.12e+03	0.346	0.33
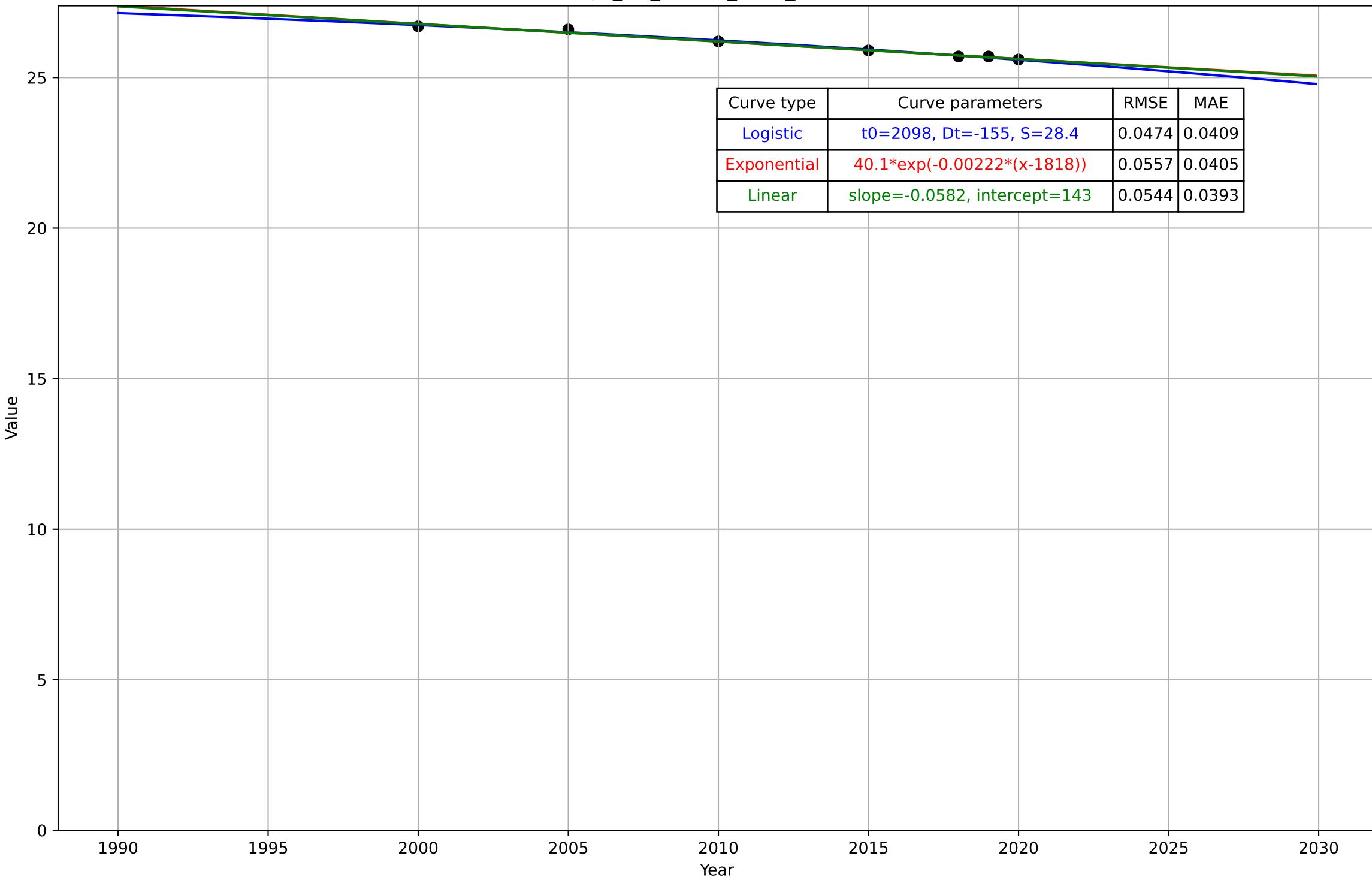
Quitting smoking
Brazil
2.2
% of GDP required to purchase 2000 cigarettes of the most sold brand
%
Relative Advantage (Profitability)
qui_bra_2.2Rel_d013_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2023, Dt=-12.6, S=1.96	0.151	0.126
Exponential	3.54*exp(-0.0382*(x-1997))	0.193	0.165
Linear	slope=-0.068, intercept=139	0.184	0.157
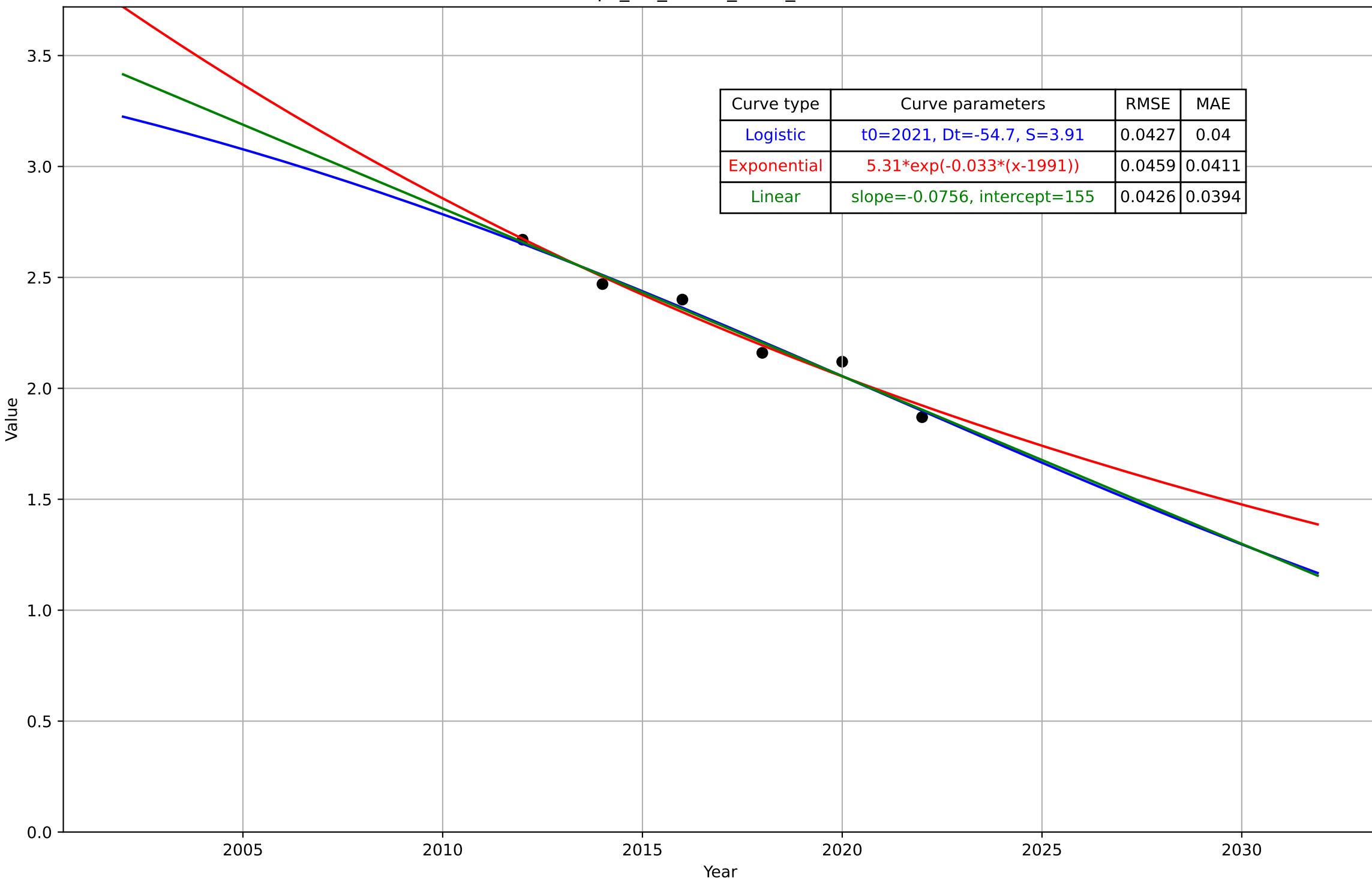
Quitting smoking
Brazil
2.9
Cigarette consumption per smoker per day
cigarettes
Interdependence with Hardware
qui_bra_2.9Int_d068_m006

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=-98.9, S=46.7	0.702	0.538
Exponential	47.5*exp(-0.0135*(x-1966))	0.851	0.642
Linear	slope=-0.437, intercept=905	0.735	0.545
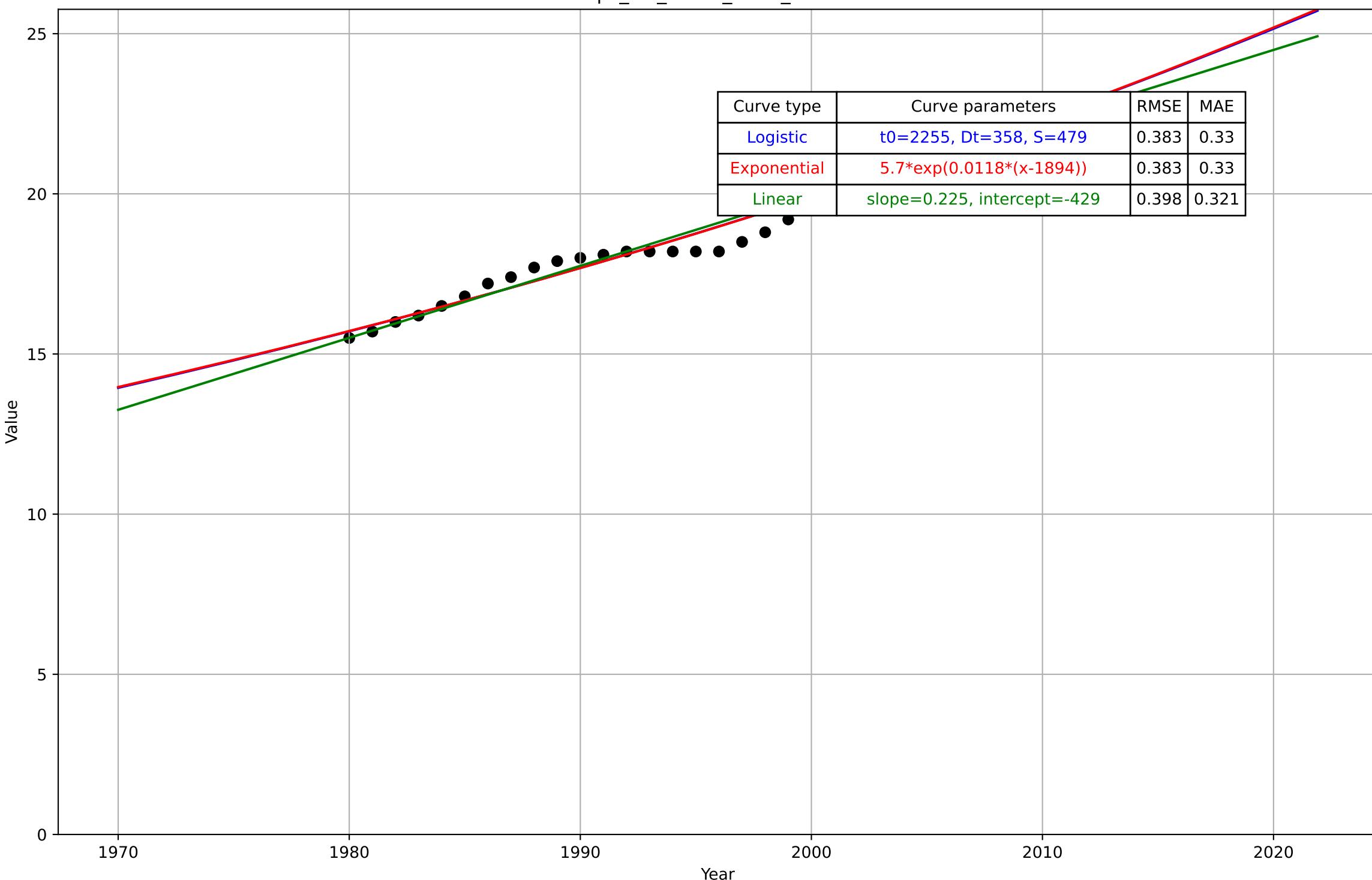
Quitting smoking
China
1.1
Share of adults who smoke
% of adults
Adoption over Time
qui_chi_1.1Ado_d186_m052

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2098, Dt=-155, S=28.4	0.0474	0.0409
Exponential	40.1*exp(-0.00222*(x-1818))	0.0557	0.0405
Linear	slope=-0.0582, intercept=143	0.0544	0.0393
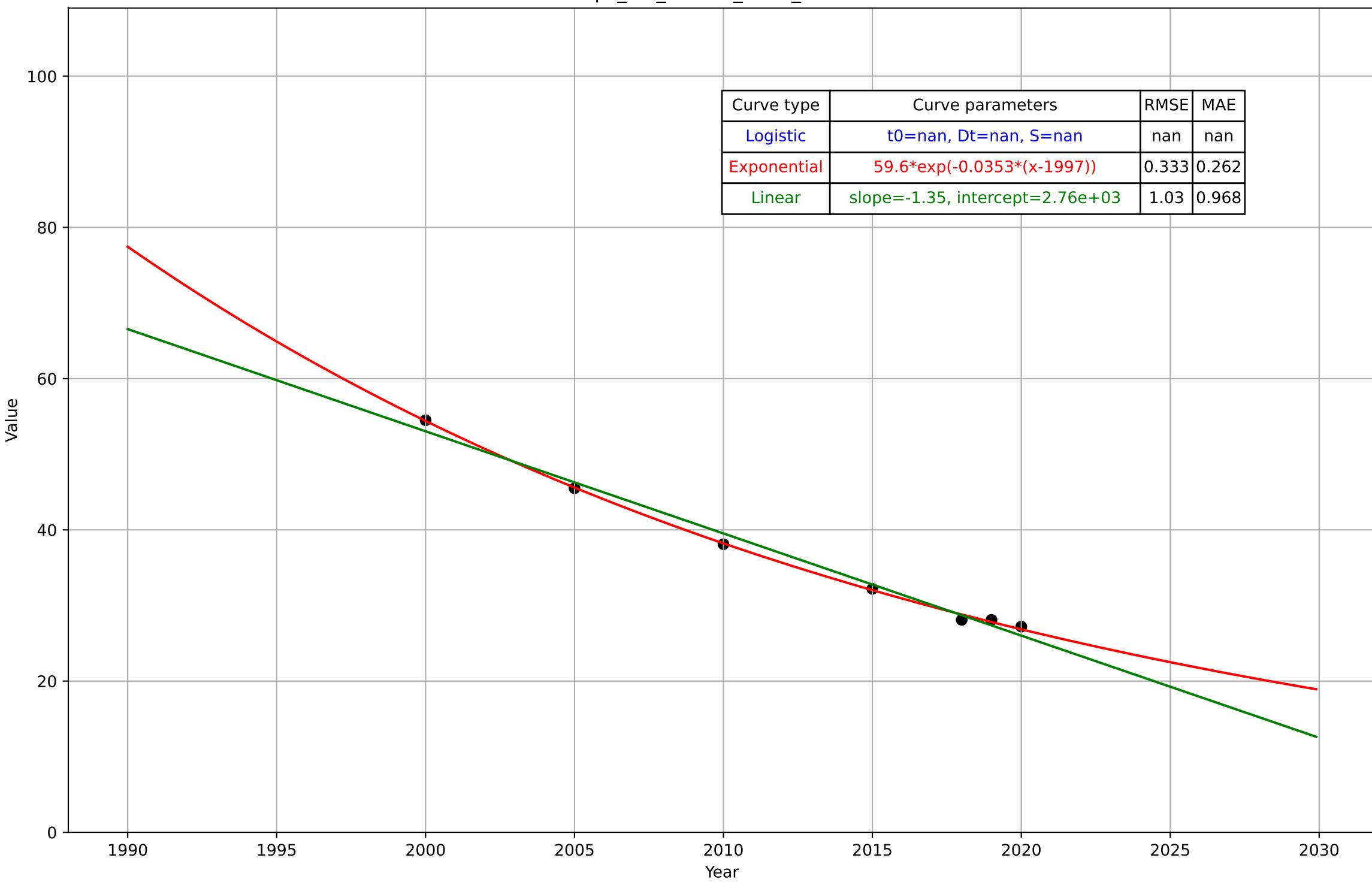
# Quitting smoking
China
2.2
% of GDP required to purchase 2000 cigarettes of the most sold brand
%
## Relative Advantage (Profitability)
qui_chi_2.2Rel_d013_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-54.7, S=3.91	0.0427	0.04
Exponential	5.31*exp(-0.033*(x-1991))	0.0459	0.0411
Linear	slope=-0.0756, intercept=155	0.0426	0.0394
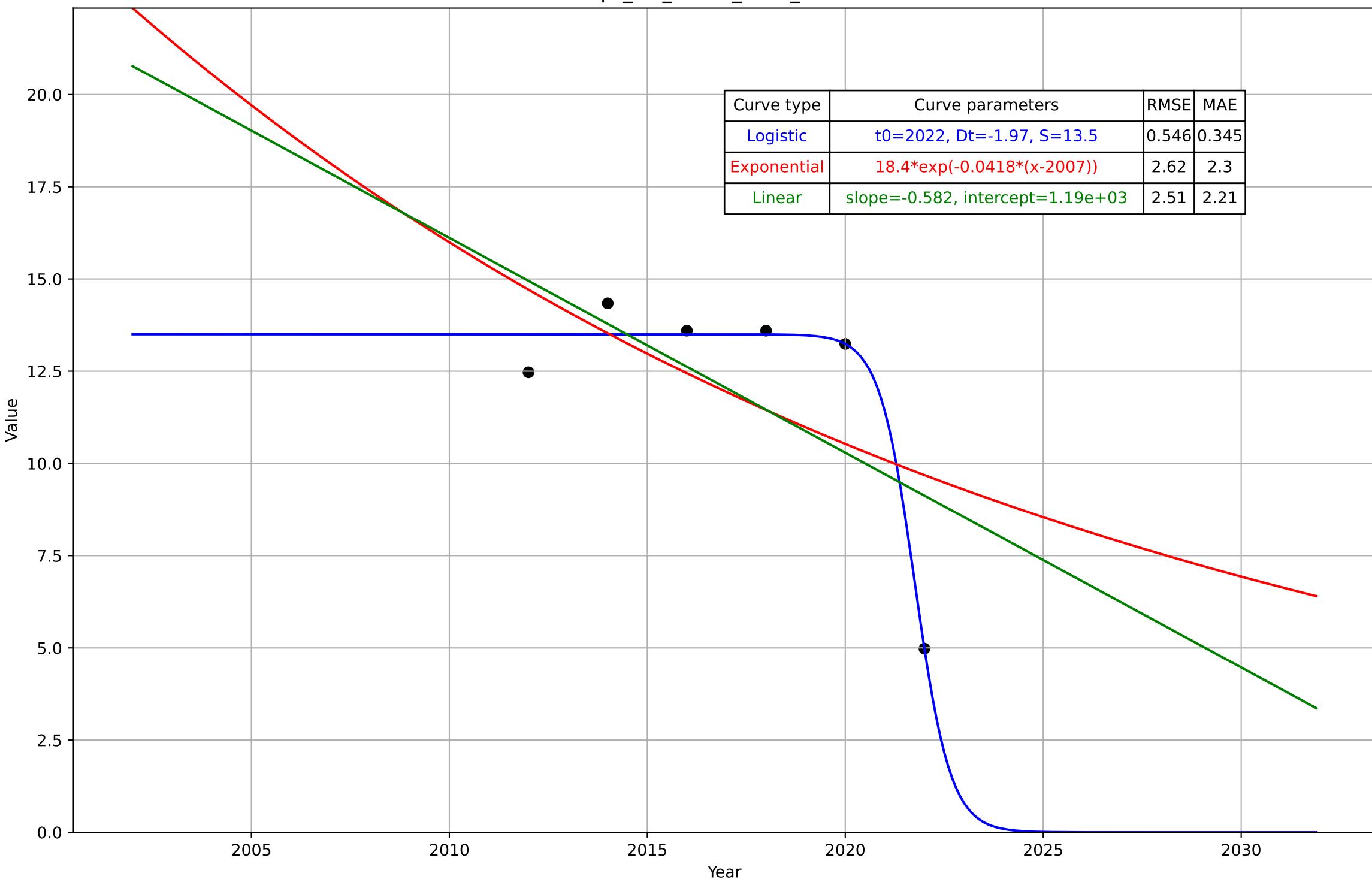
Quitting smoking
China
2.9
Cigarette consumption per smoker per day
cigarettes
Interdependence with Hardware
qui_chi_2.9Int_d068_m006

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2255, Dt=358, S=479	0.383	0.33
Exponential	5.7*exp(0.0118*(x-1894))	0.383	0.33
Linear	slope=0.225, intercept=-429	0.398	0.321
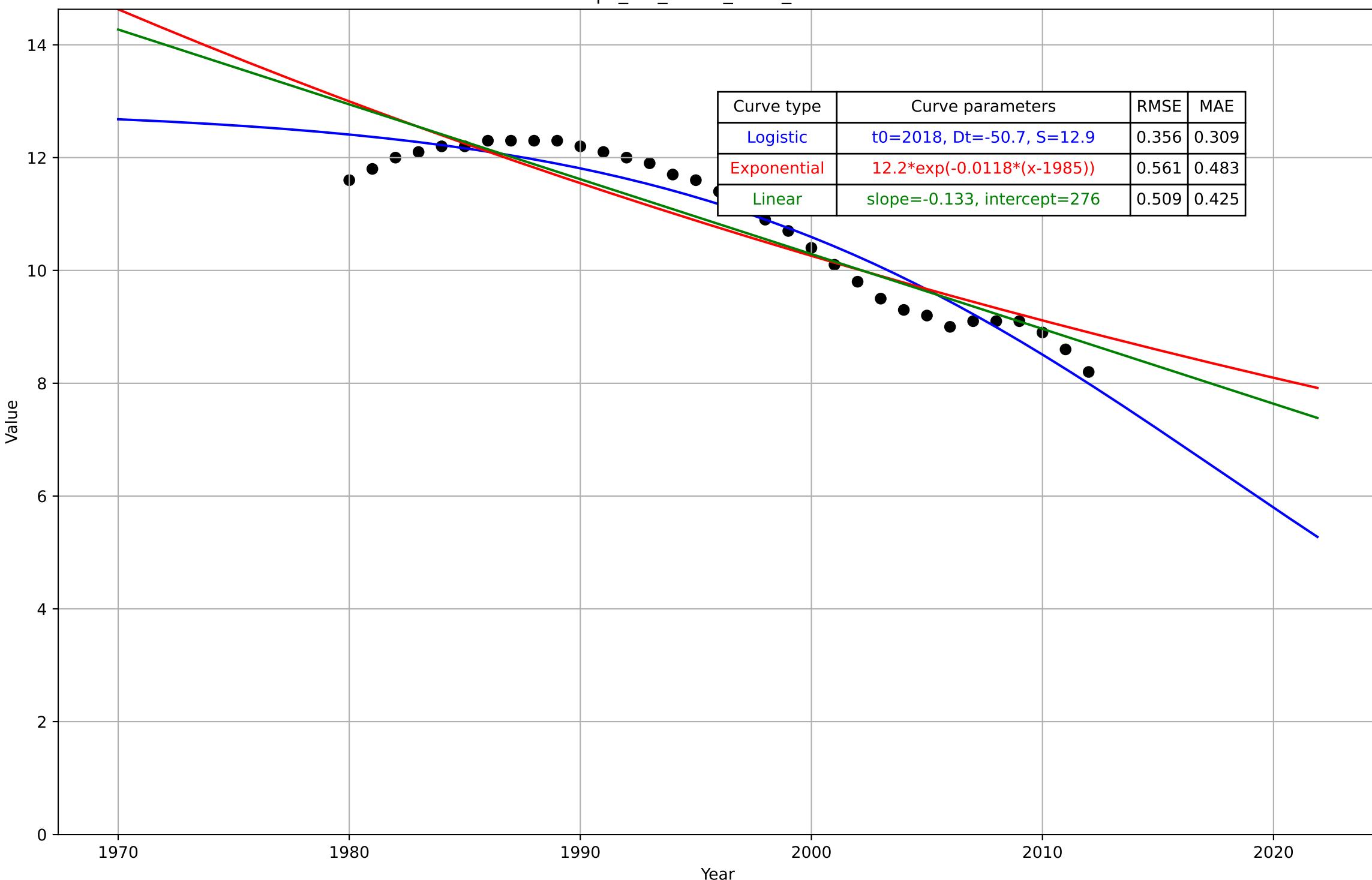
Quitting smoking
India
1.1
Share of adults who smoke
% of adults
Adoption over Time
qui_ind_1.1Ado_d186_m052

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	59.6*exp(-0.0353*(x-1997))	0.333	0.262
Linear	slope=-1.35, intercept=2.76e+03	1.03	0.968
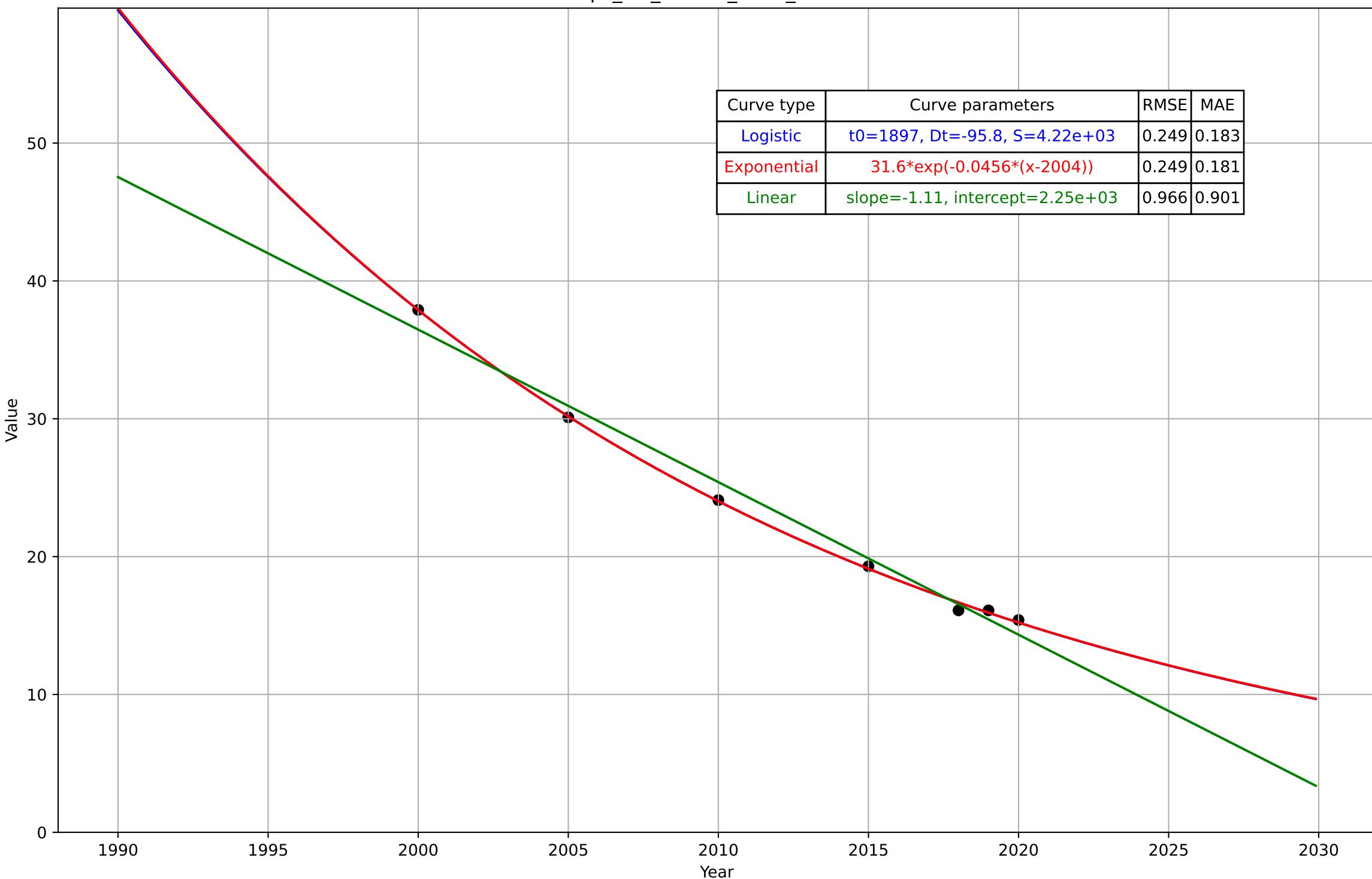
Quitting smoking
India
2.2
% of GDP required to purchase 2000 cigarettes of the most sold brand
%
## Relative Advantage (Profitability)
qui_ind_2.2Rel_d013_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=-1.97, S=13.5	0.546	0.345
Exponential	18.4*exp(-0.0418*(x-2007))	2.62	2.3
Linear	slope=-0.582, intercept=1.19e+03	2.51	2.21
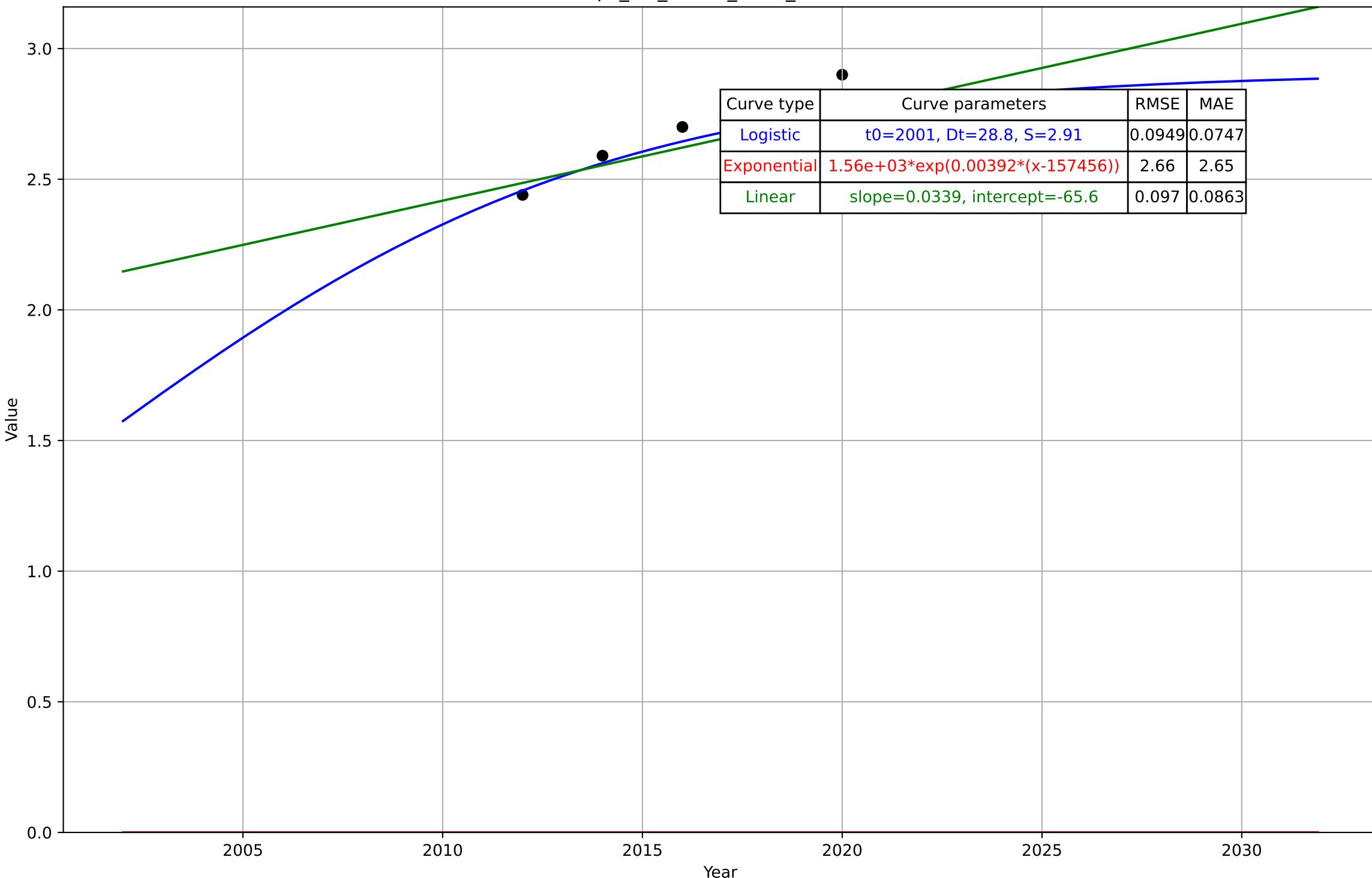
Quitting smoking
India
2.9
Cigarette consumption per smoker per day
cigarettes
Interdependence with Hardware
qui_ind_2.9Int_d068_m006

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=-50.7, S=12.9	0.356	0.309
Exponential	12.2*exp(-0.0118*(x-1985))	0.561	0.483
Linear	slope=-0.133, intercept=276	0.509	0.425
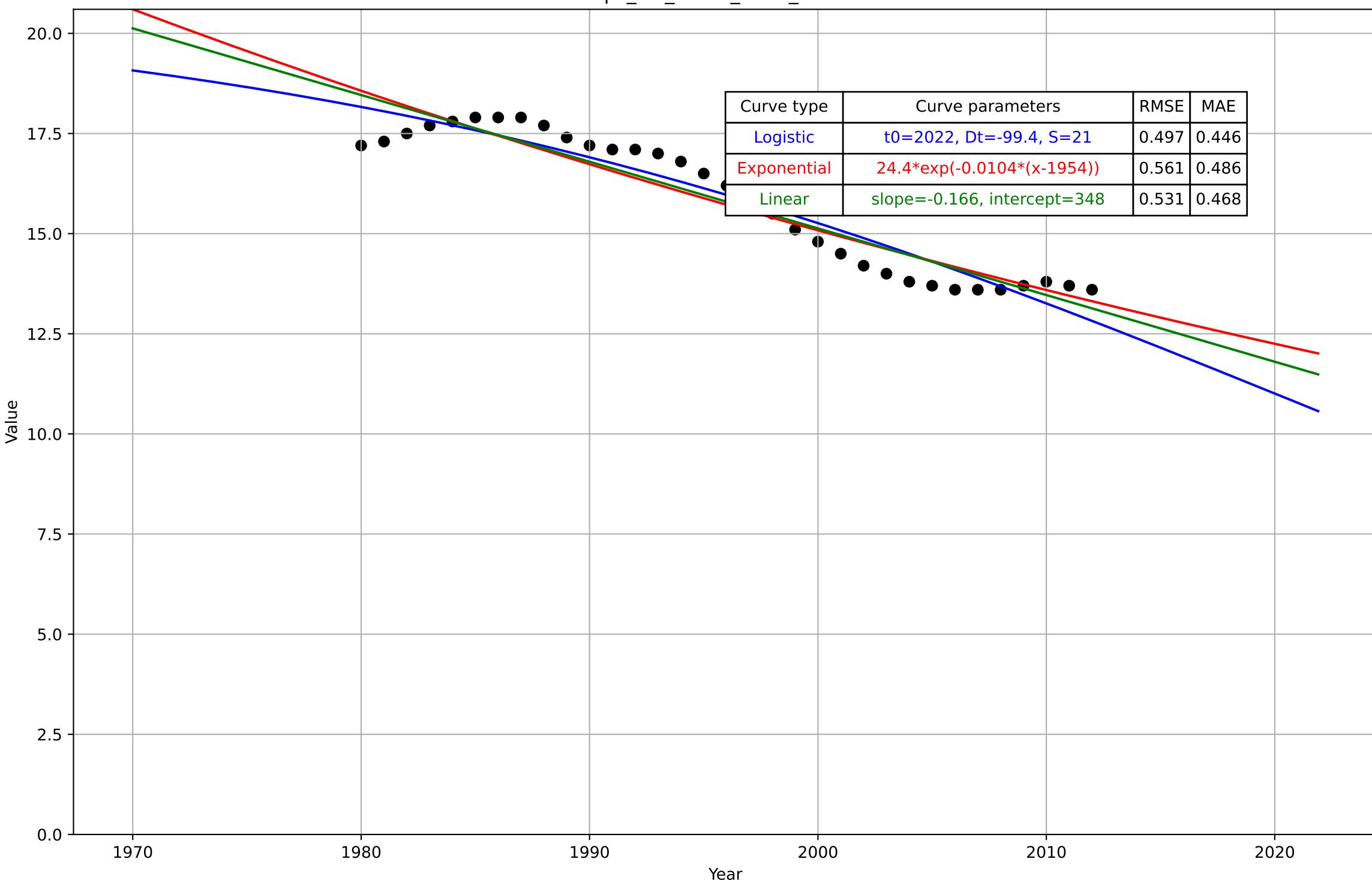
Quitting smoking
UK
1.1
Share of adults who smoke
% of adults
Adoption over Time
qui_uki_1.1Ado_d186_m052

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1897, Dt=-95.8, S=4.22e+03	0.249	0.183
Exponential	31.6*exp(-0.0456*(x-2004))	0.249	0.181
Linear	slope=-1.11, intercept=2.25e+03	0.966	0.901
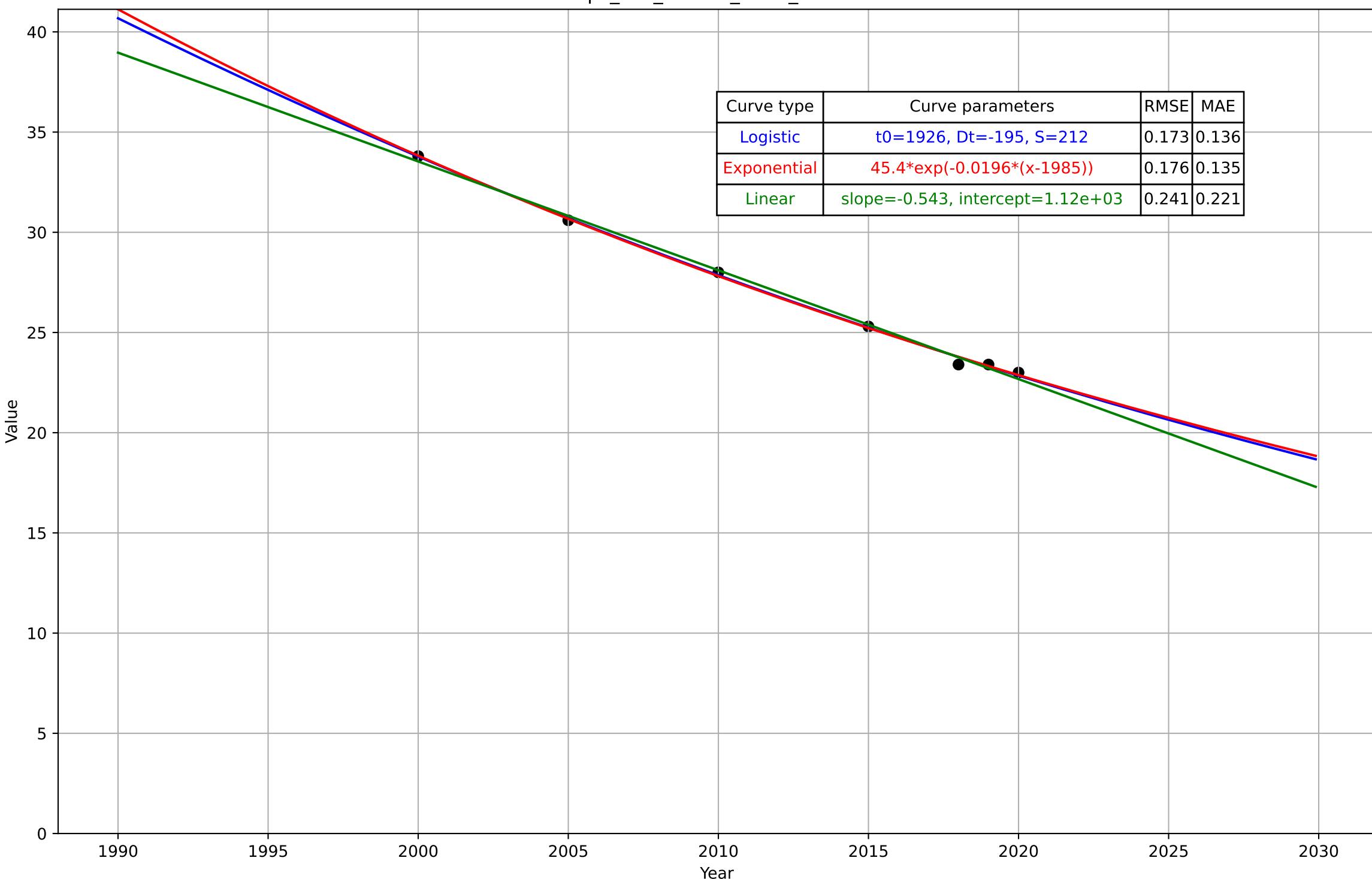
Quitting smoking
UK
## 2.2
% of GDP required to purchase 2000 cigarettes of the most sold brand
%
## Relative Advantage (Profitability)
qui_uki_2.2Rel_d013_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2001, Dt=28.8, S=2.91	0.0949	0.0747
Exponential	1.56e+03*exp(0.00392*(x-157456))	2.66	2.65
Linear	slope=0.0339, intercept=-65.6	0.097	0.0863
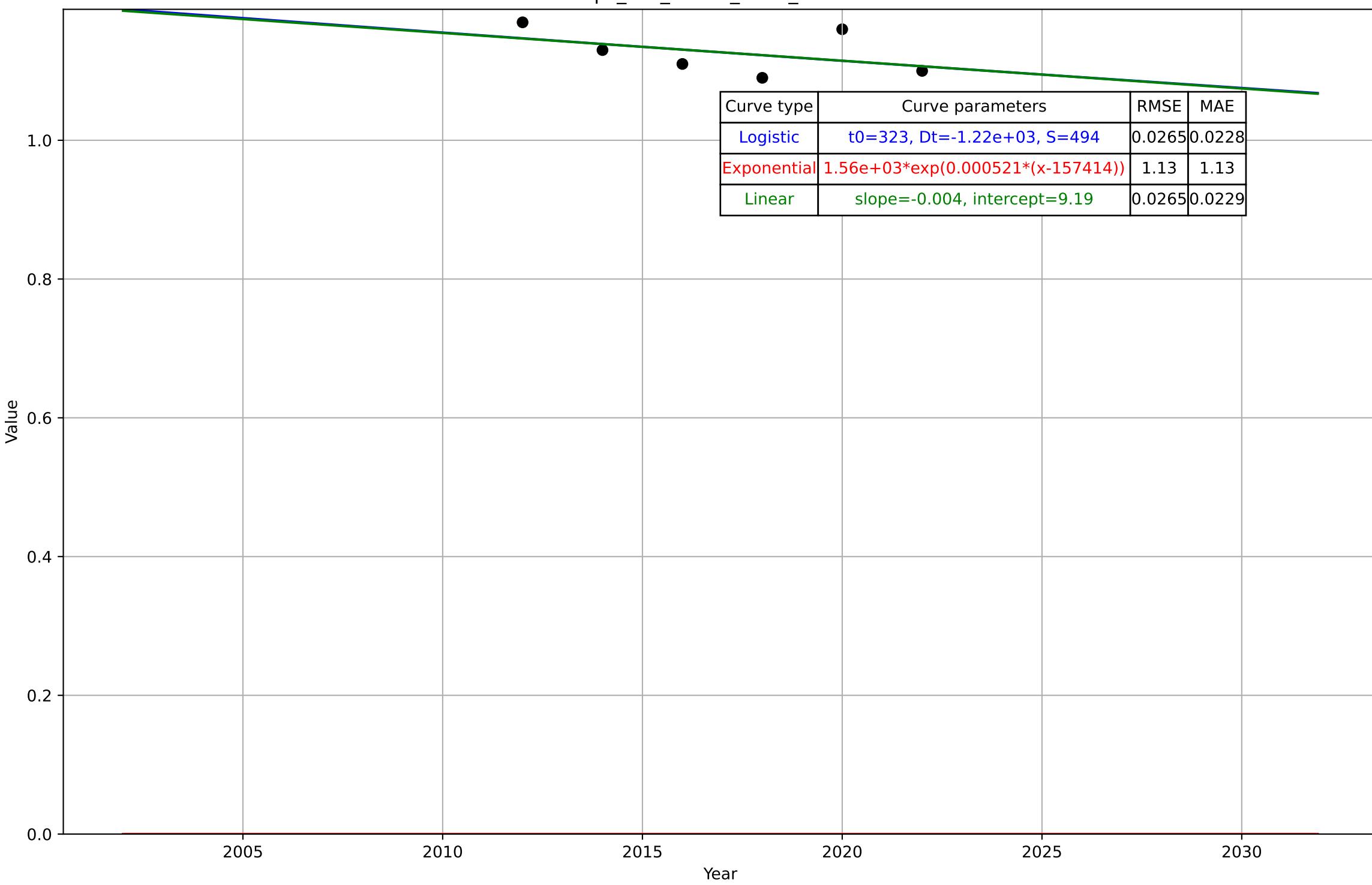
Quitting smoking
UK
2.9
Cigarette consumption per smoker per day
cigarettes
Interdependence with Hardware
qui_uki_2.9Int_d068_m006

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=-99.4, S=21	0.497	0.446
Exponential	24.4*exp(-0.0104*(x-1954))	0.561	0.486
Linear	slope=-0.166, intercept=348	0.531	0.468
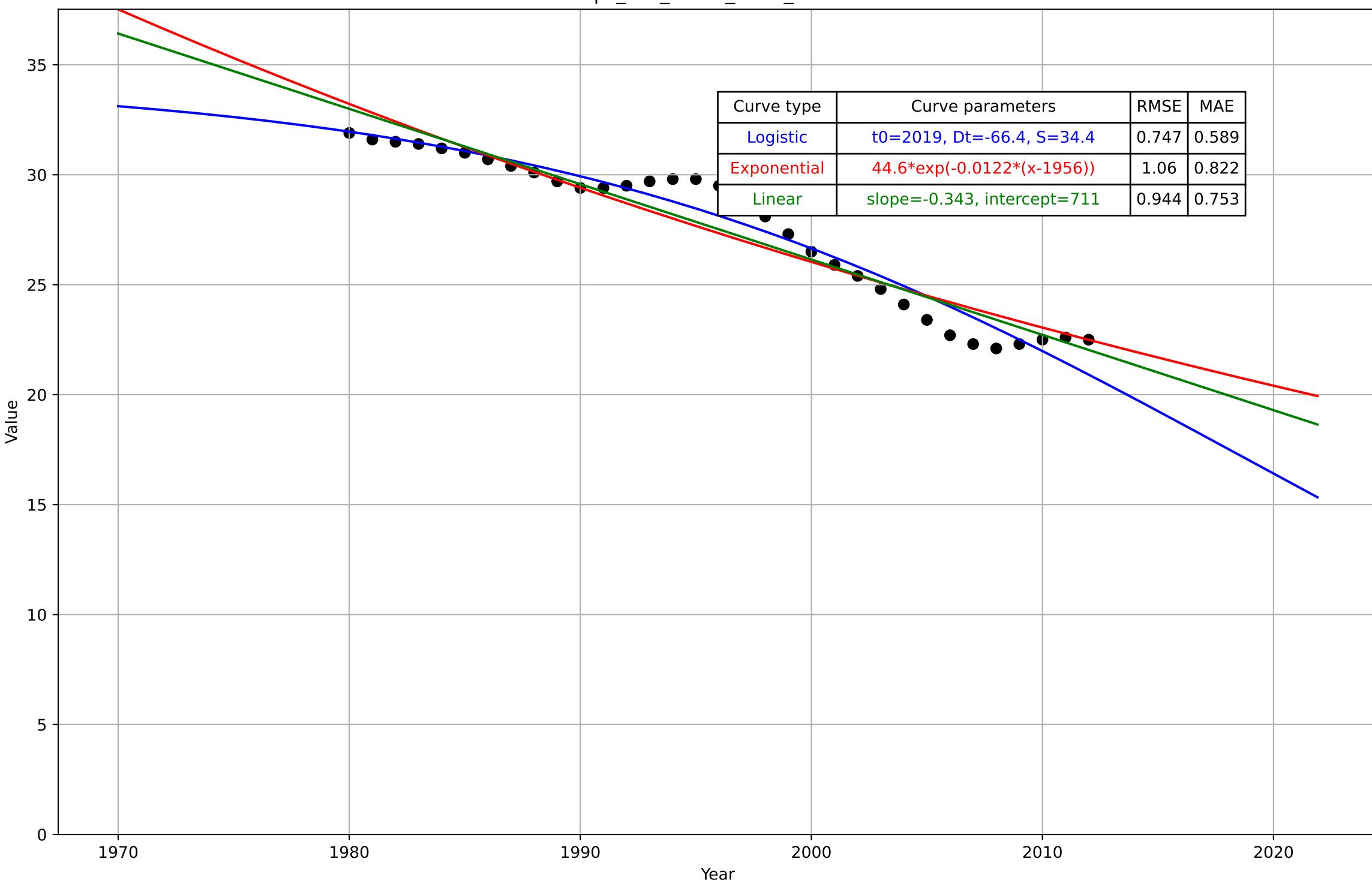
Quitting smoking
USA
1.1
Share of adults who smoke
% of adults
Adoption over Time
qui_usa_1.1Ado_d186_m052

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1926, Dt=-195, S=212	0.173	0.136
Exponential	45.4*exp(-0.0196*(x-1985))	0.176	0.135
Linear	slope=-0.543, intercept=1.12e+03	0.241	0.221
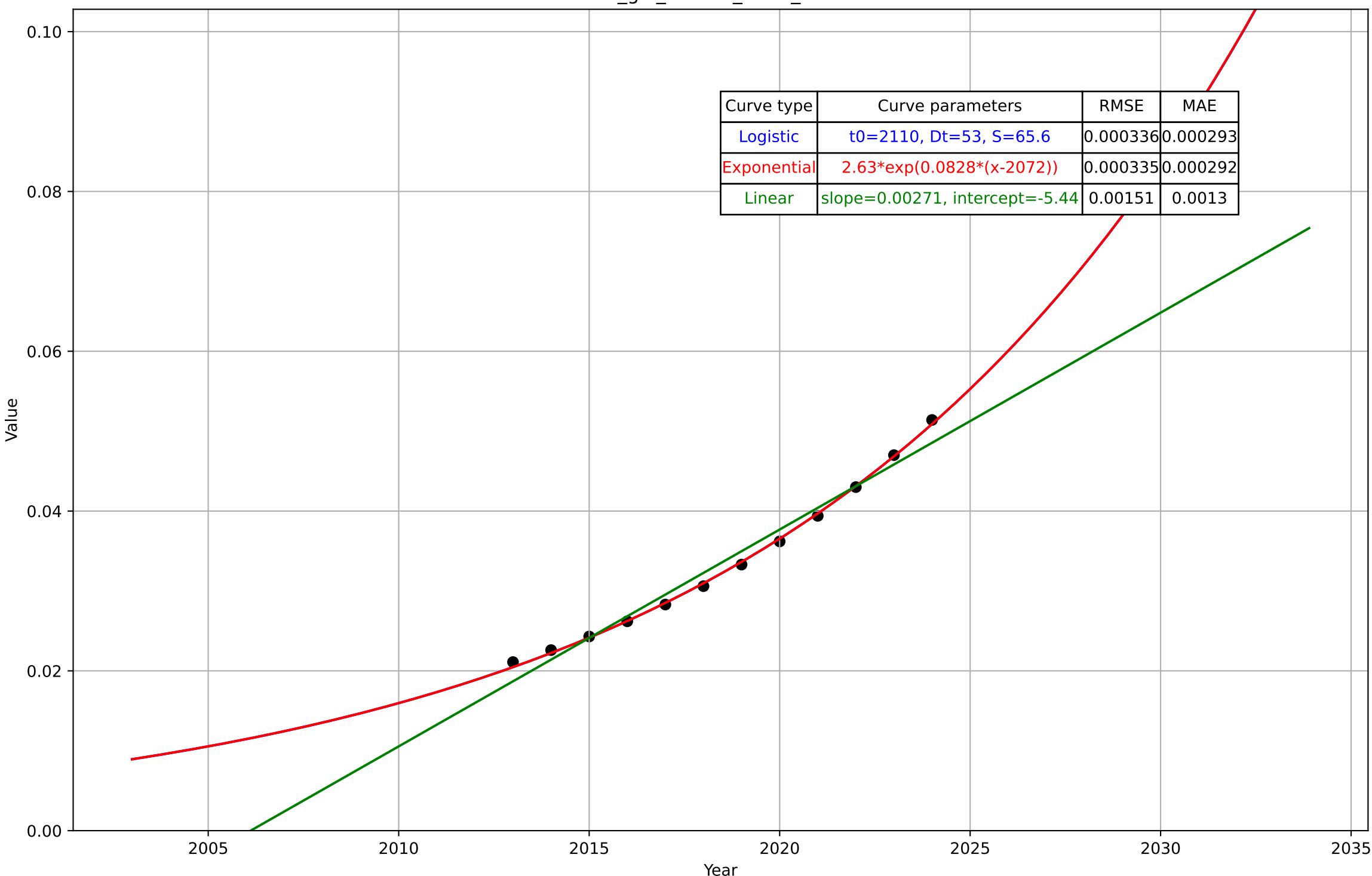
Quitting smoking
USA
2.2
% of GDP required to purchase 2000 cigarettes of the most sold brand
%
## Relative Advantage (Profitability)
qui_usa_2.2Rel_d013_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=323, Dt=-1.22e+03, S=494	0.0265	0.0228
Exponential	1.56e+03*exp(0.000521*(x-157414))	1.13	1.13
Linear	slope=-0.004, intercept=9.19	0.0265	0.0229
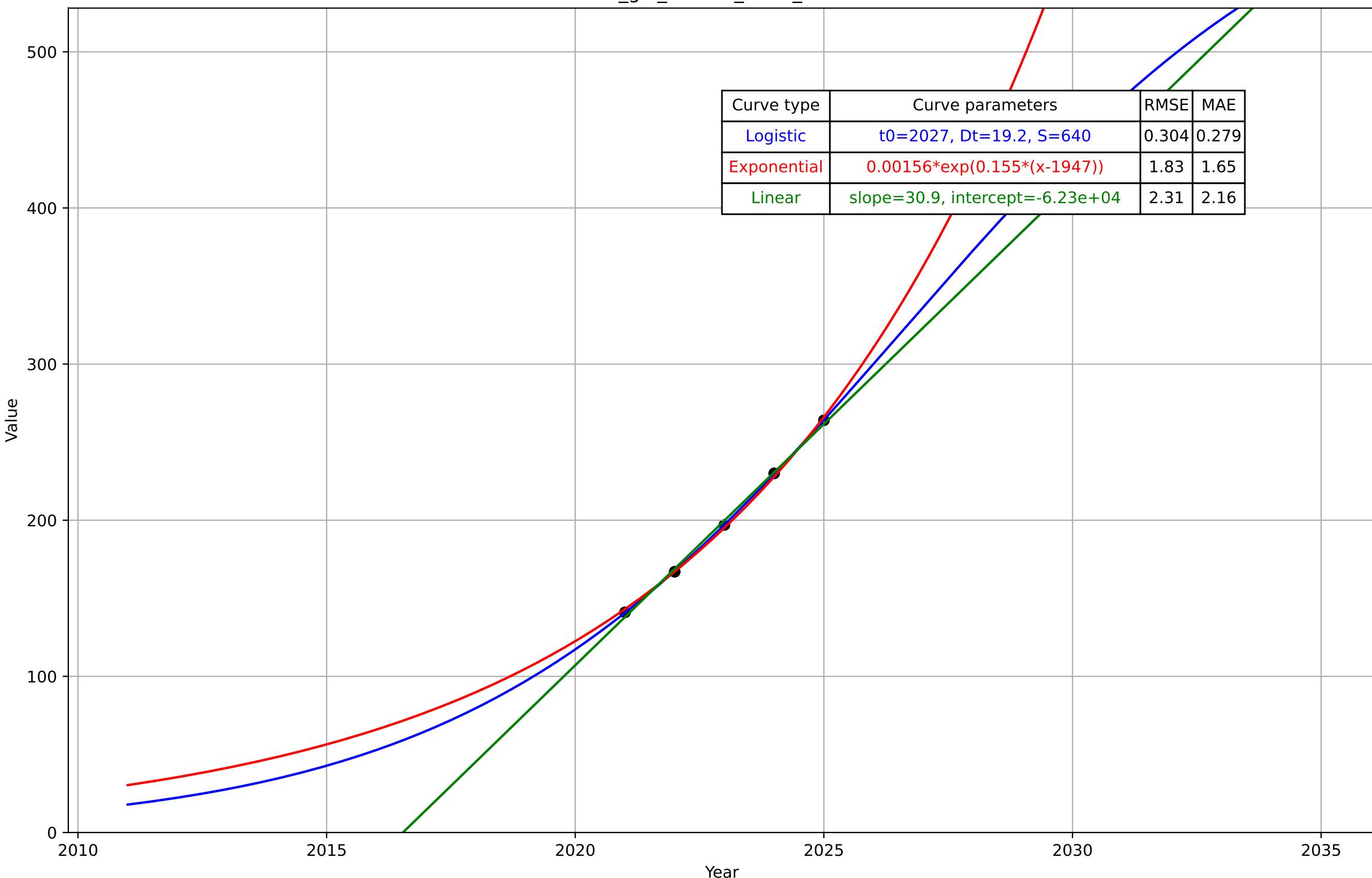
Quitting smoking
USA
2.9
Cigarette consumption per smoker per day
cigarettes
Interdependence with Hardware
qui_usa_2.9Int_d068_m006

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=-66.4, S=34.4	0.747	0.589
Exponential	44.6*exp(-0.0122*(x-1956))	1.06	0.822
Linear	slope=-0.343, intercept=711	0.944	0.753

Sustainable fashion
Global
1.1
Revenue share of the sustainable apparel market
% market share (sustainable apparel)
Adoption over Time
sus_glo_1.1Ado_d182_m034

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2110, Dt=53, S=65.6	0.000336	0.000293
Exponential	2.63*exp(0.0828*(x-2072))	0.000335	0.000292
Linear	slope=0.00271, intercept=-5.44	0.00151	0.0013
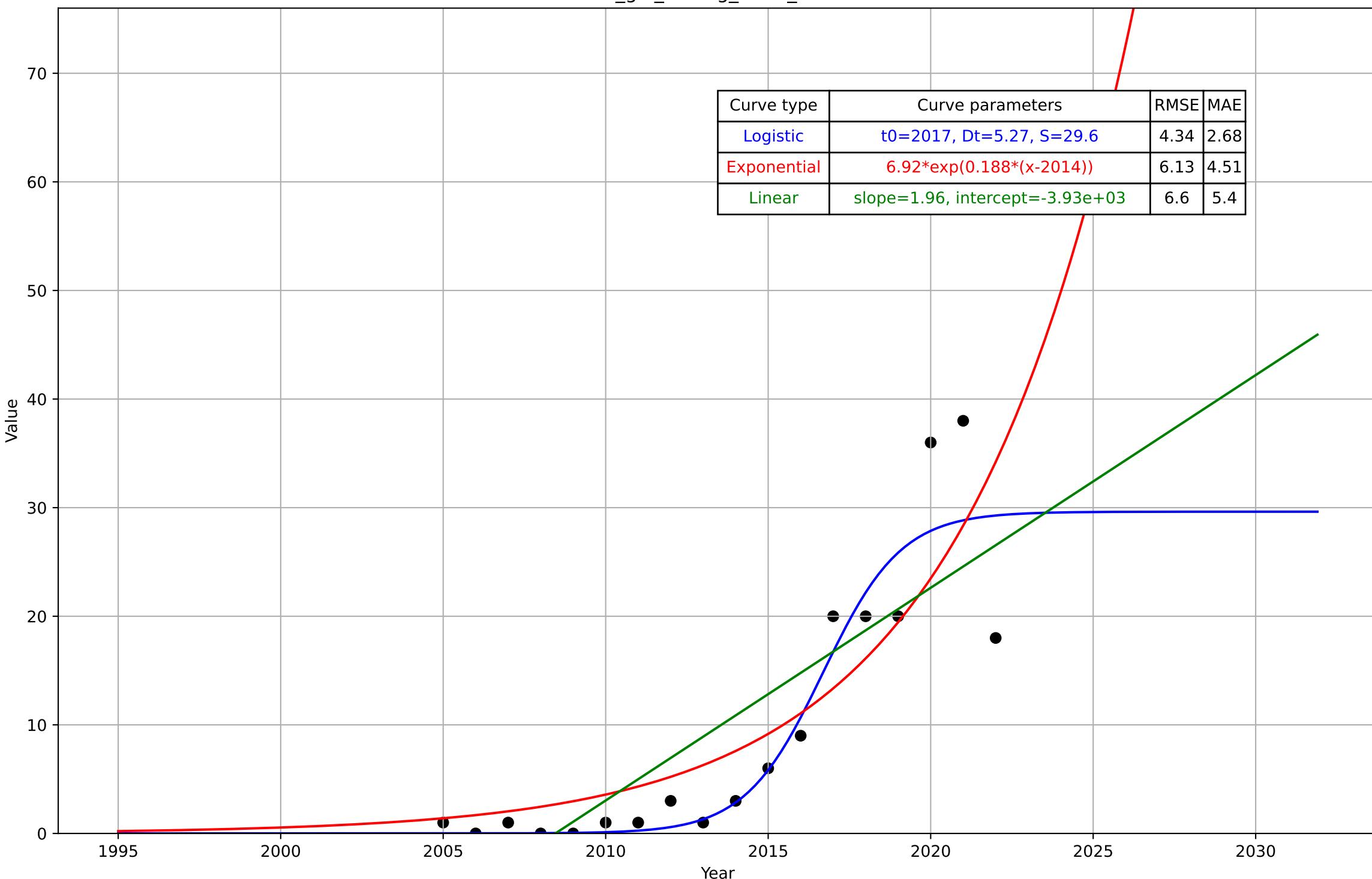
Sustainable fashion
Global
1.1
Value of the sustainable apparel market
billion USD
Adoption over Time
sus_glo_1.1Ado_d207_m095

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2027, Dt=19.2, S=640	0.304	0.279
Exponential	0.00156*exp(0.155*(x-1947))	1.83	1.65
Linear	slope=30.9, intercept=-6.23e+04	2.31	2.16
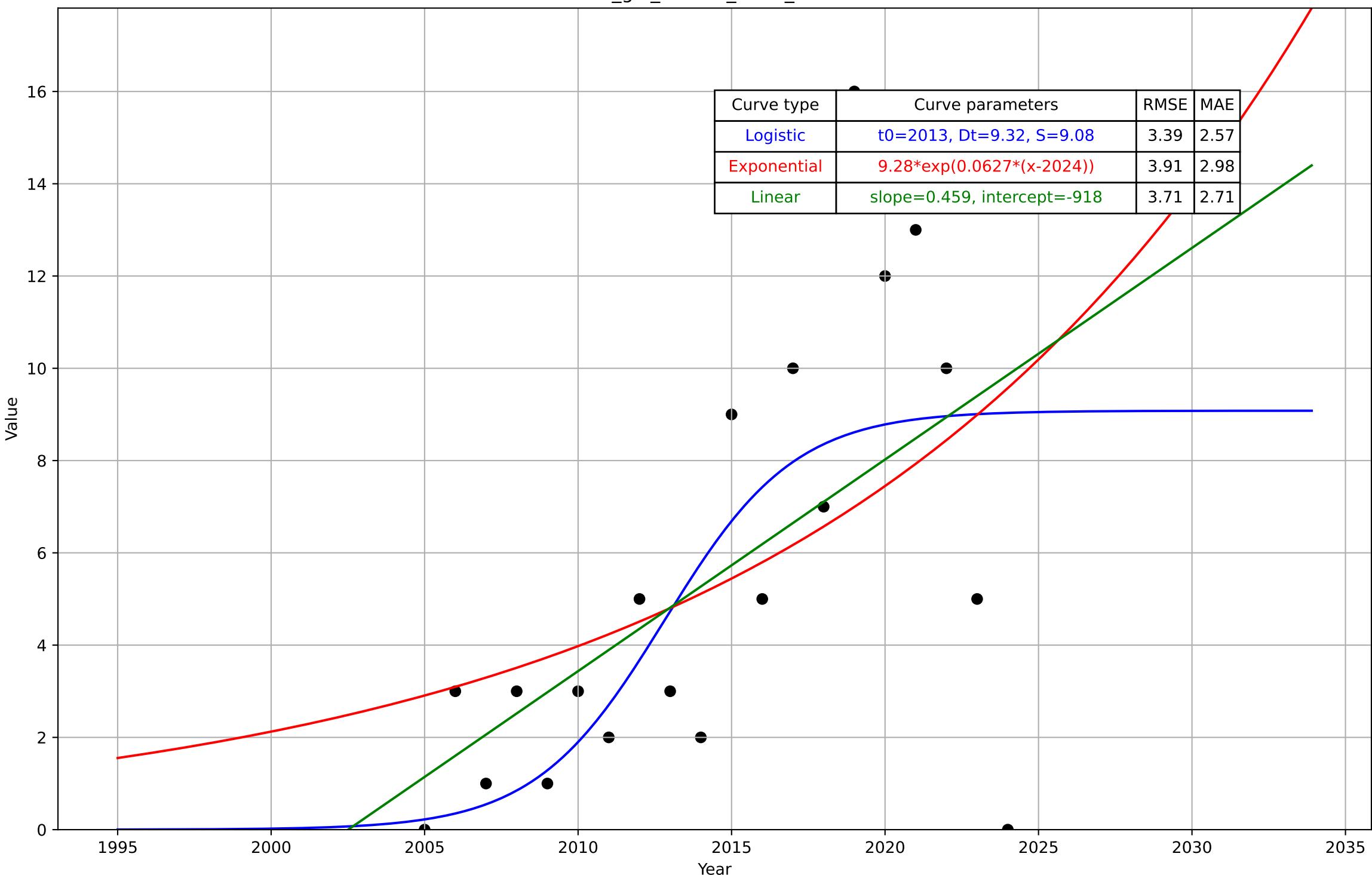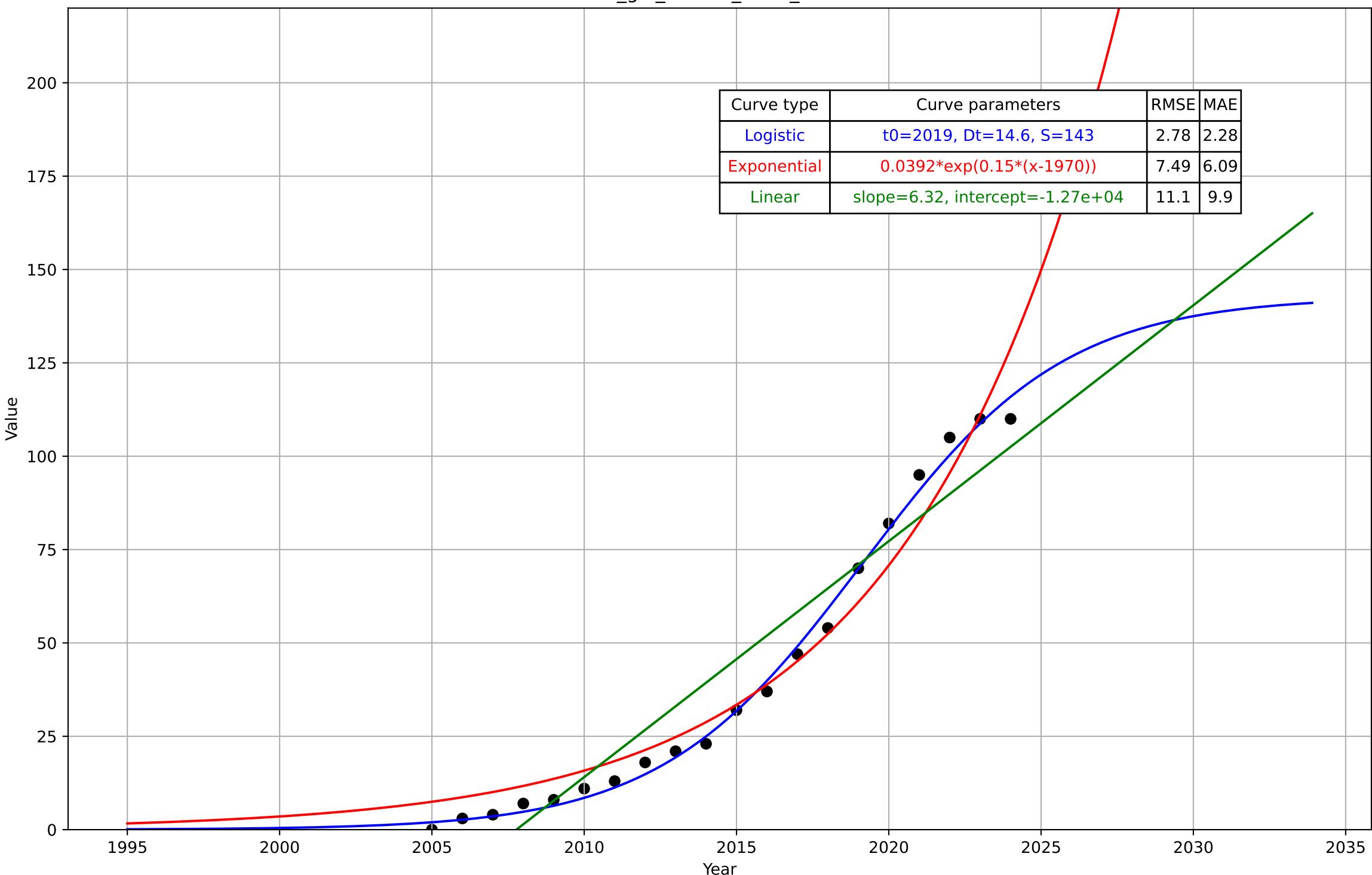
Sustainable fashion
Global
3.3
Scientific publications on sustainability issues in the textile, apparel and fashion (TAF) industry
publications
Risk & uncertainty (shared expectations)
sus_glo_3.3Leg_d184_m019
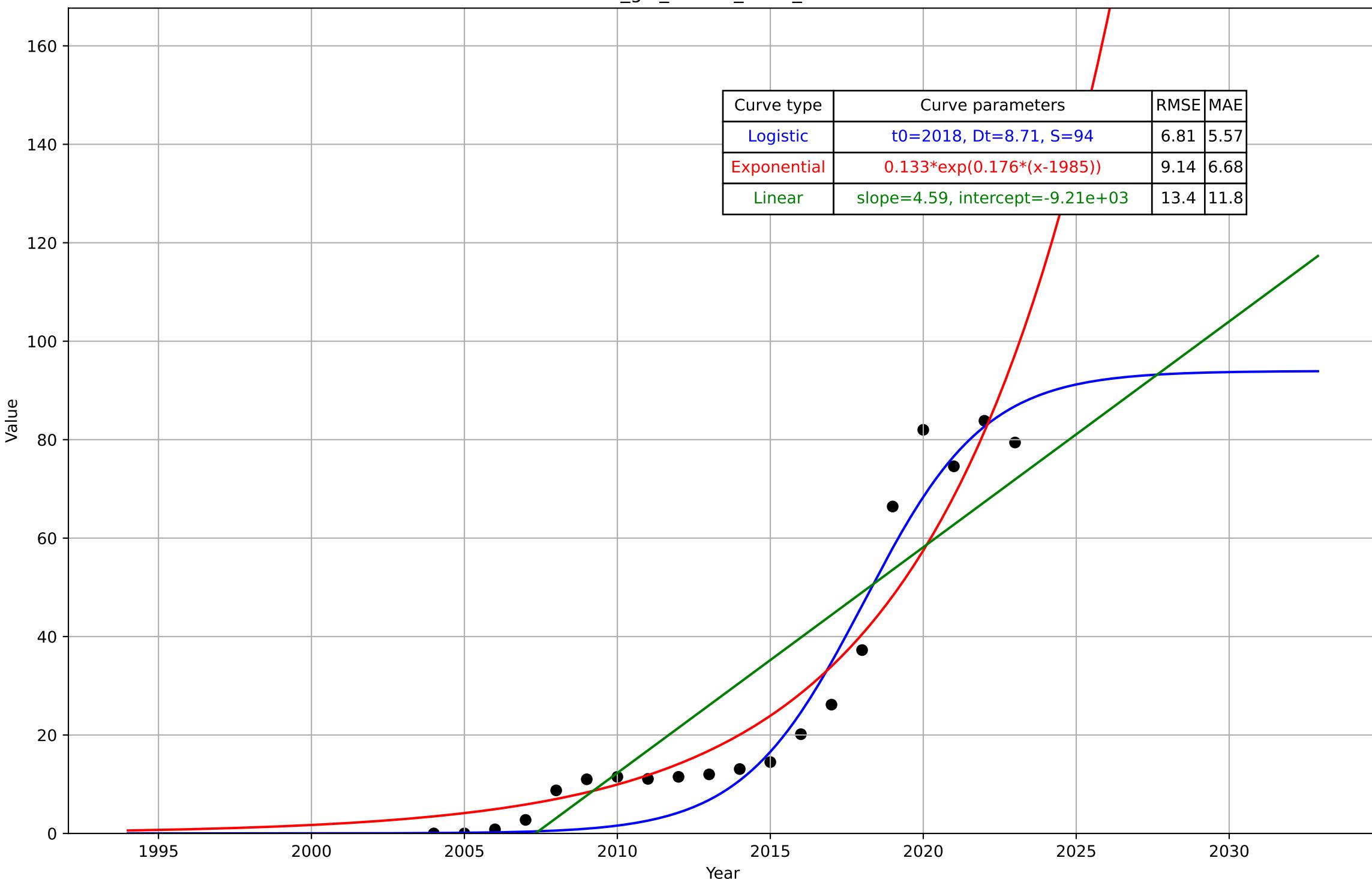
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=5.27, S=29.6	4.34	2.68
Exponential	6.92*exp(0.188*(x-2014))	6.13	4.51
Linear	slope=1.96, intercept=-3.93e+03	6.6	5.4

Sustainable fashion
Global
3.5
Sustainable fashion startups founded each year
of new start up companies
Market Formation
sus_glo_3.5Mar_d200_m015

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=9.32, S=9.08	3.39	2.57
Exponential	9.28*exp(0.0627*(x-2024))	3.91	2.98
Linear	slope=0.459, intercept=-918	3.71	2.71

Sustainable fashion
Global
3.5
Sustainable fashion startups founded each year
cumulative # of start up companies
Market Formation
sus_glo_3.5Mar_d200_m100

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=14.6, S=143	2.78	2.28
Exponential	0.0392*exp(0.15*(x-1970))	7.49	6.09
Linear	slope=6.32, intercept=-1.27e+04	11.1	9.9

Sustainable fashion
Global
4.1
Google Trends (indexed to 100 in month of max. search frequency)
index 0-100
Knowledge Flows (Social Networks)
sus_glo_4.1Kso_d109_m108

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=8.71, S=94	6.81	5.57
Exponential	0.133*exp(0.176*(x-1985))	9.14	6.68
Linear	slope=4.59, intercept=-9.21e+03	13.4	11.8
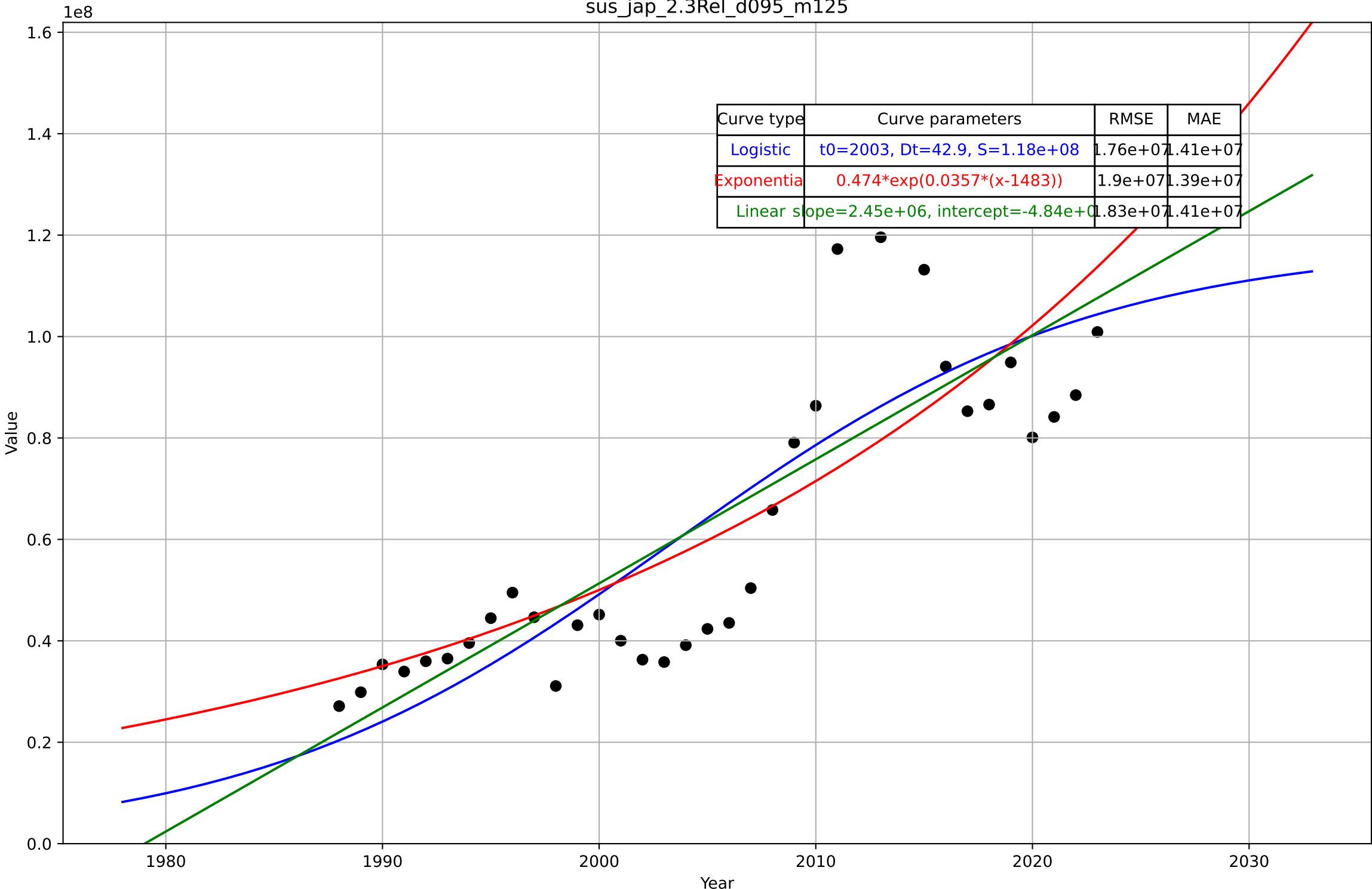
Sustainable fashion
Japan
2.3
Exports of worn clothing
Million USD
Relative advantage - co-benefits
sus_jap_2.3Rel_d095_m125

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=42.9, S=1.18e+08	1.76e+07	1.41e+07
Exponential	0.474*exp(0.0357*(x-1483))	1.9e+07	1.39e+07
Linear	slope=2.45e+06, intercept=-4.84e+09	1.83e+07	1.41e+07
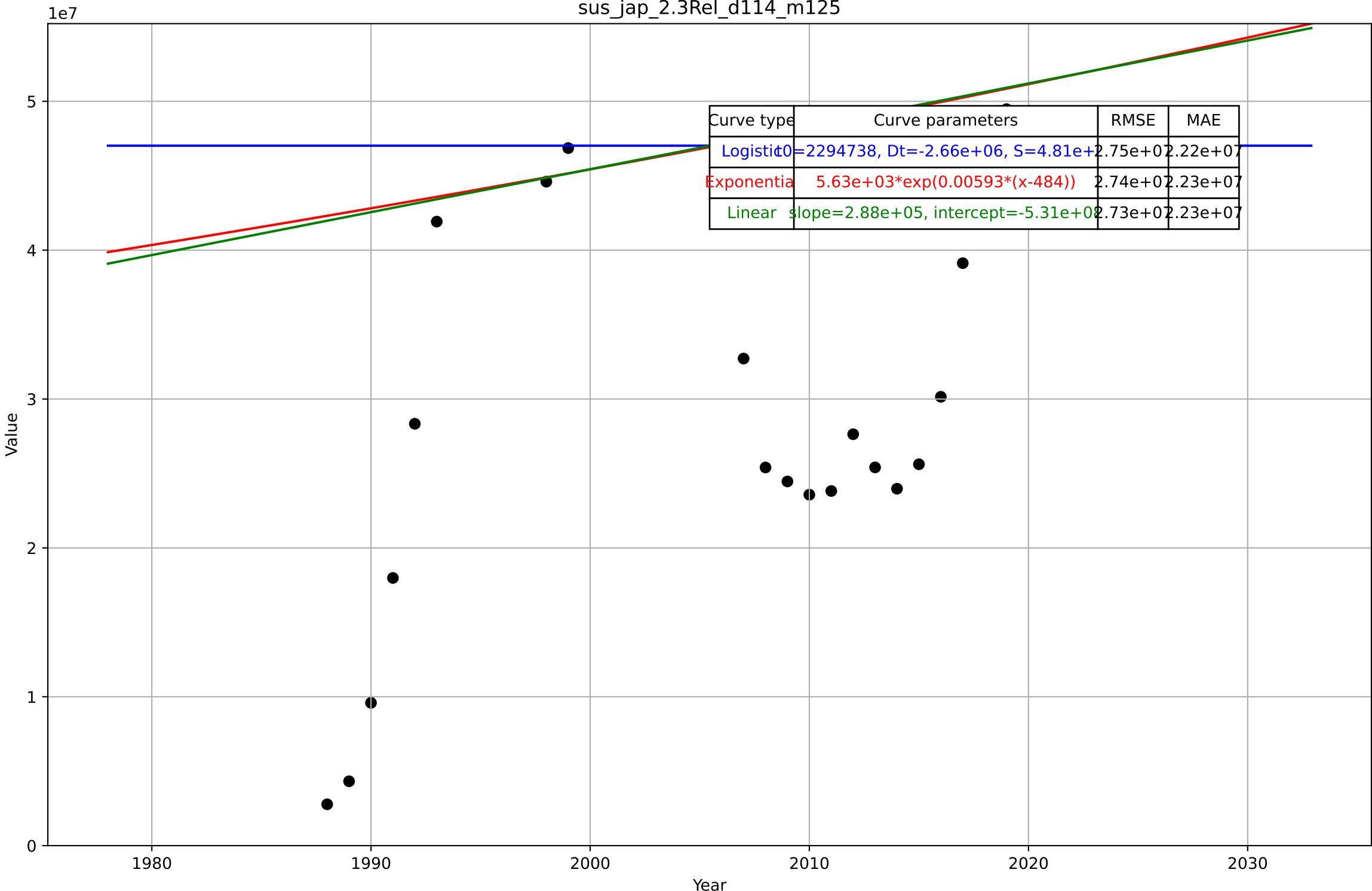
Sustainable fashion
Japan
2.3
Imports of worn clothing
Million USD
Relative advantage - co-benefits
sus_jap_2.3Rel_d114_m125
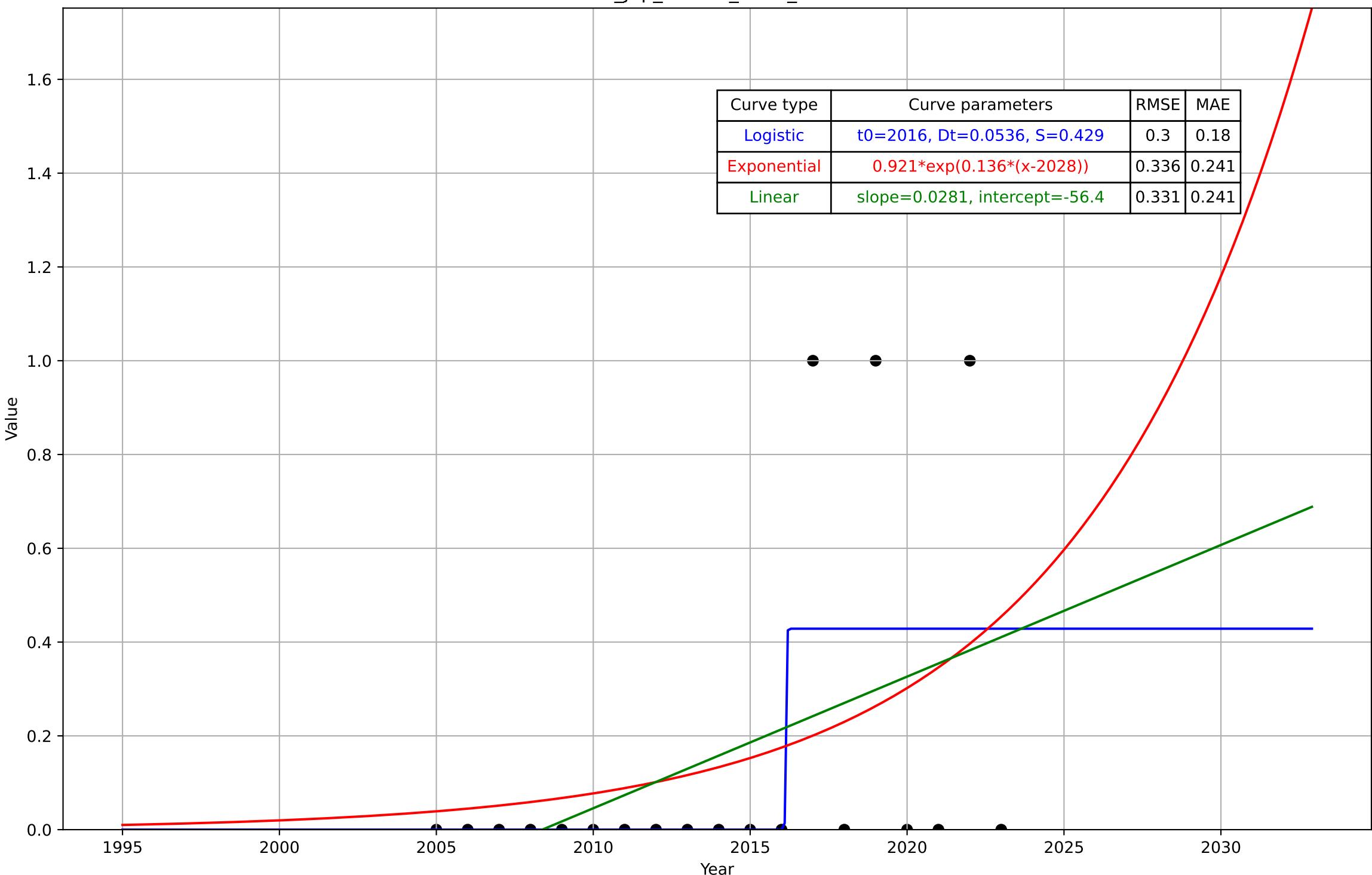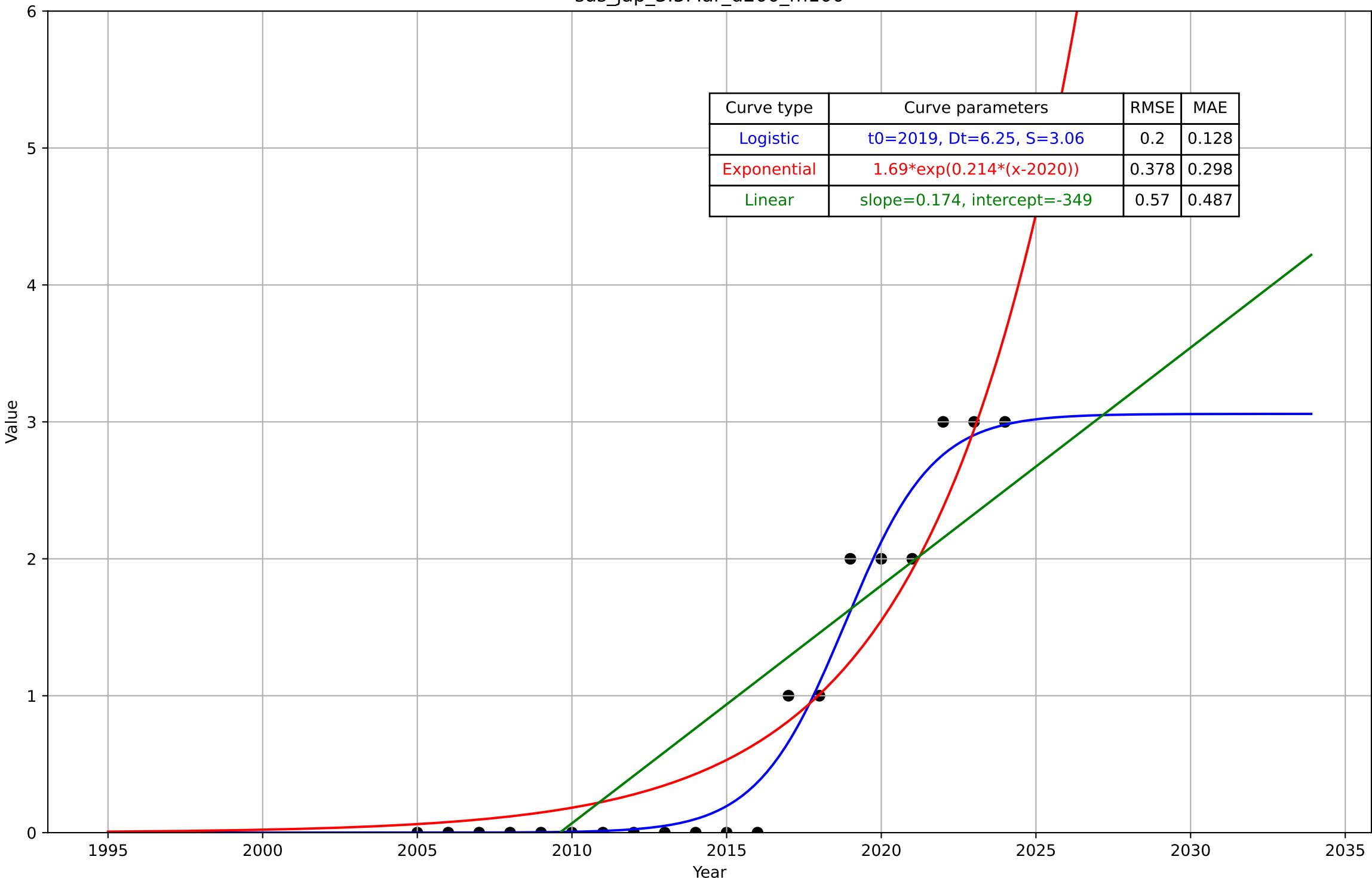
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2294738, Dt=-2.66e+06, S=4.81e+	2.75e+0	2.22e+07
Exponential	5.63e+03*exp(0.00593*(x-484))	2.74e+0	2.23e+07
Linear	slope=2.88e+05, intercept=-5.31e+0	2.73e+0	2.23e+07

Sustainable fashion
Japan
3.5
Sustainable fashion startups founded each year
of new start up companies
Market Formation
sus_jap_3.5Mar_d200_m015

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=0.0536, S=0.429	0.3	0.18
Exponential	0.921*exp(0.136*(x-2028))	0.336	0.241
Linear	slope=0.0281, intercept=-56.4	0.331	0.241
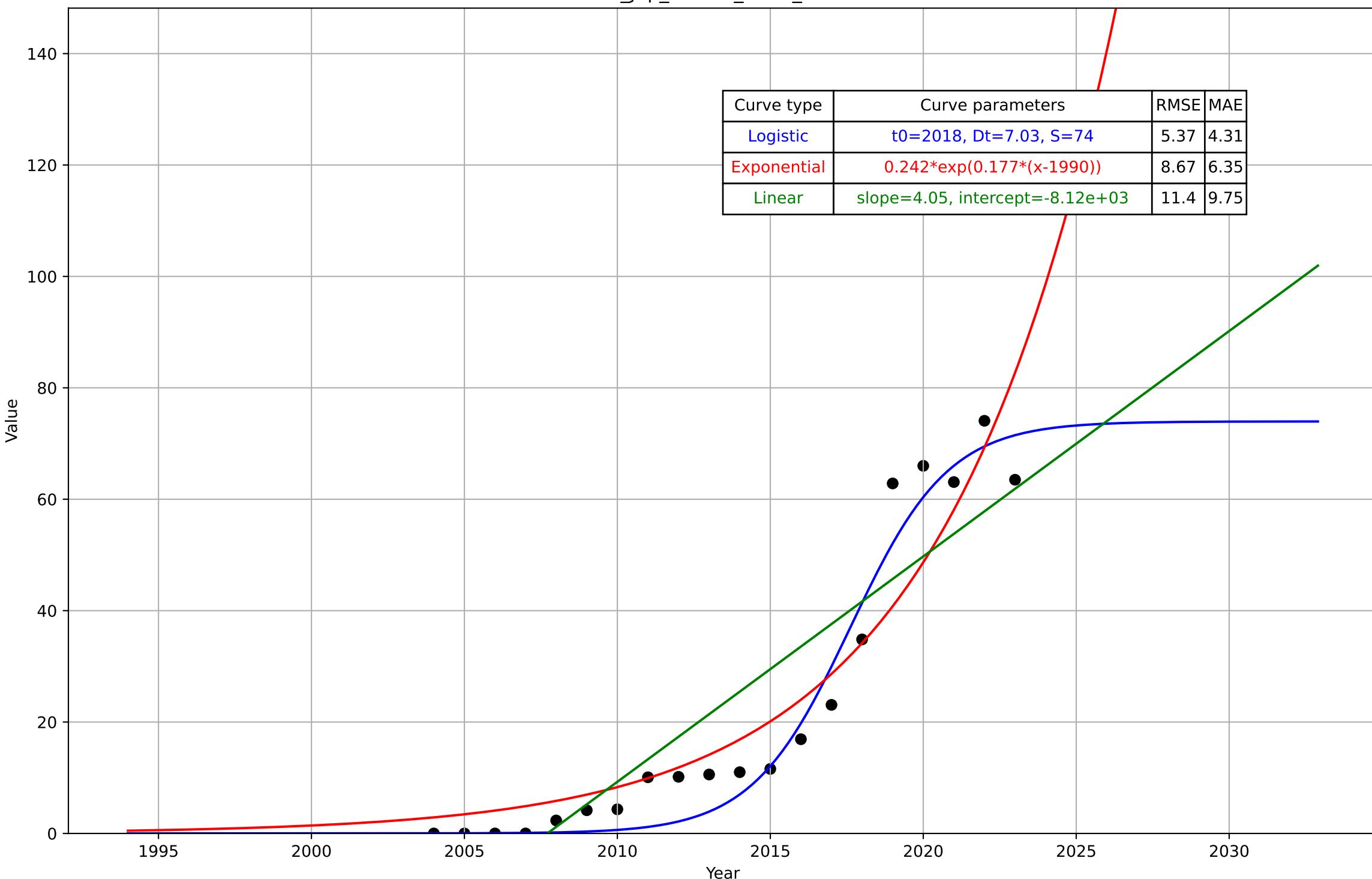
Sustainable fashion
Japan
3.5
Sustainable fashion startups founded each year
cumulative # of start up companies
Market Formation
sus_jap_3.5Mar_d200_m100

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=6.25, S=3.06	0.2	0.128
Exponential	1.69*exp(0.214*(x-2020))	0.378	0.298
Linear	slope=0.174, intercept=-349	0.57	0.487

Sustainable fashion
Japan
4.1
Google Trends (indexed to 100 in month of max. search frequency)
index 0-100
Knowledge Flows (Social Networks)
sus_jap_4.1Kso_d109_m108

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=7.03, S=74	5.37	4.31
Exponential	0.242*exp(0.177*(x-1990))	8.67	6.35
Linear	slope=4.05, intercept=-8.12e+03	11.4	9.75

Sustainable fashion
UK
2.3
Exports of worn clothing
Million USD
Relative advantage - co-benefits
sus_uki_2.3Rel_d095_m125
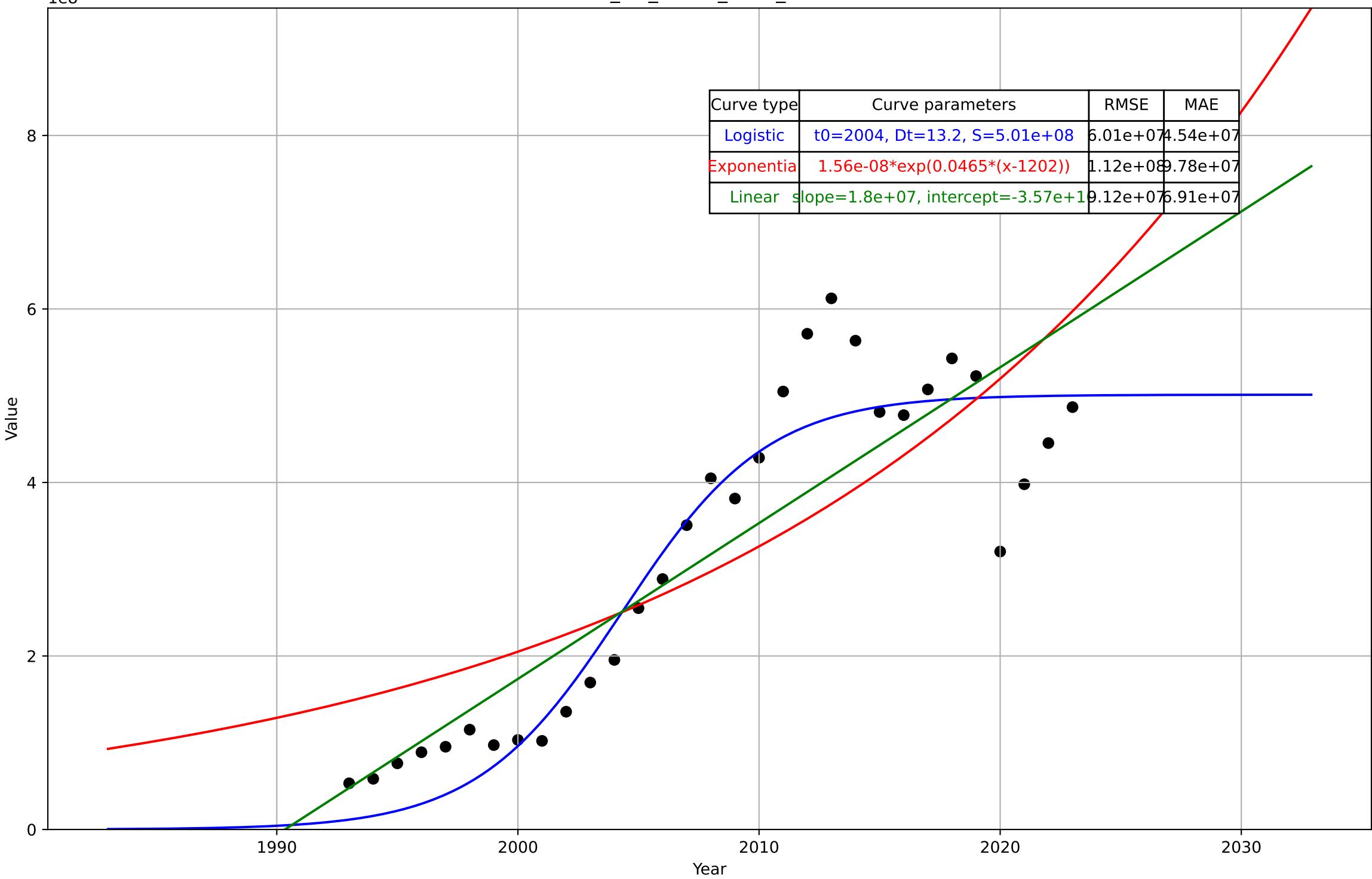
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=13.2, S=5.01e+08	6.01e+07	4.54e+07
Exponential	1.56e-08*exp(0.0465*(x-1202))	1.12e+08	9.78e+07
Linear	slope=1.8e+07, intercept=-3.57e+19	9.12e+07	6.91e+07
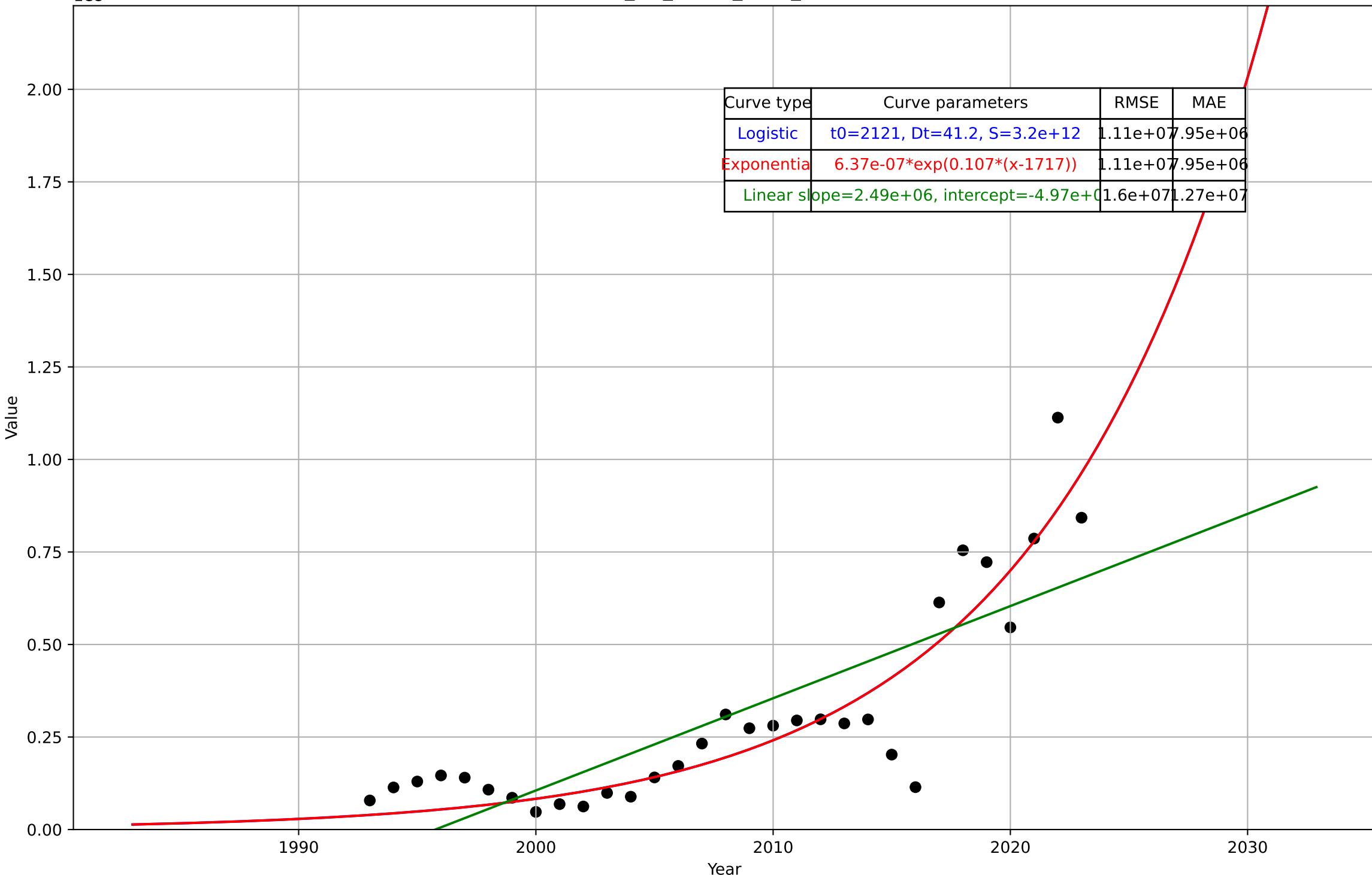
Sustainable fashion
UK
2.3
Imports of worn clothing
Million USD
Relative advantage - co-benefits
sus_uki_2.3Rel_d114_m125
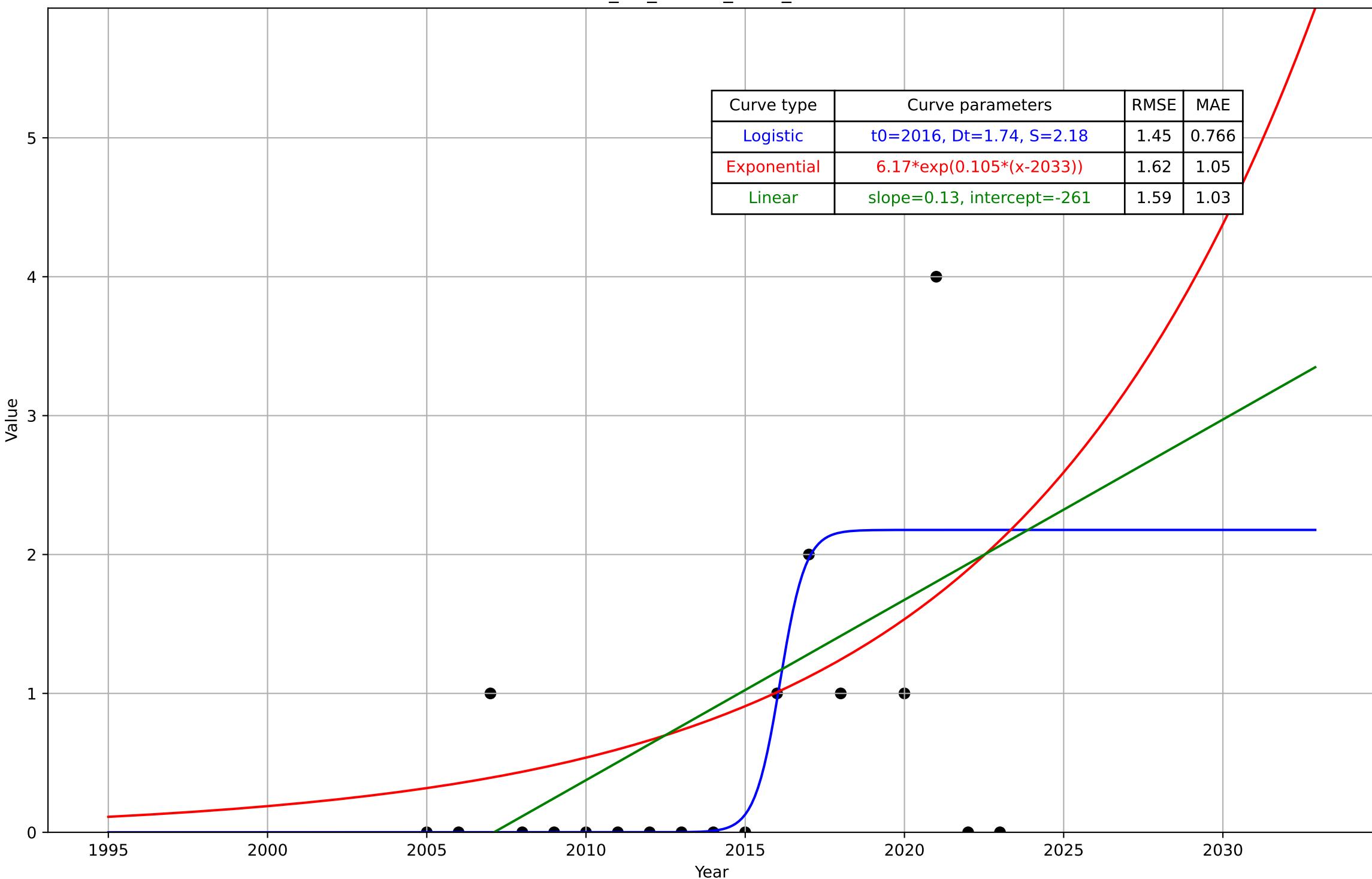
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2121, Dt=41.2, S=3.2e+12	1.11e+07	7.95e+06
Exponential	6.37e-07*exp(0.107*(x-1717))	1.11e+07	7.95e+06
Linear	slope=2.49e+06, intercept=-4.97e+0	1.6e+07	1.27e+07

Sustainable fashion
UK
3.5
Sustainable fashion startups founded each year
of new start up companies
# Market Formation
sus_uki_3.5Mar_d200_m015
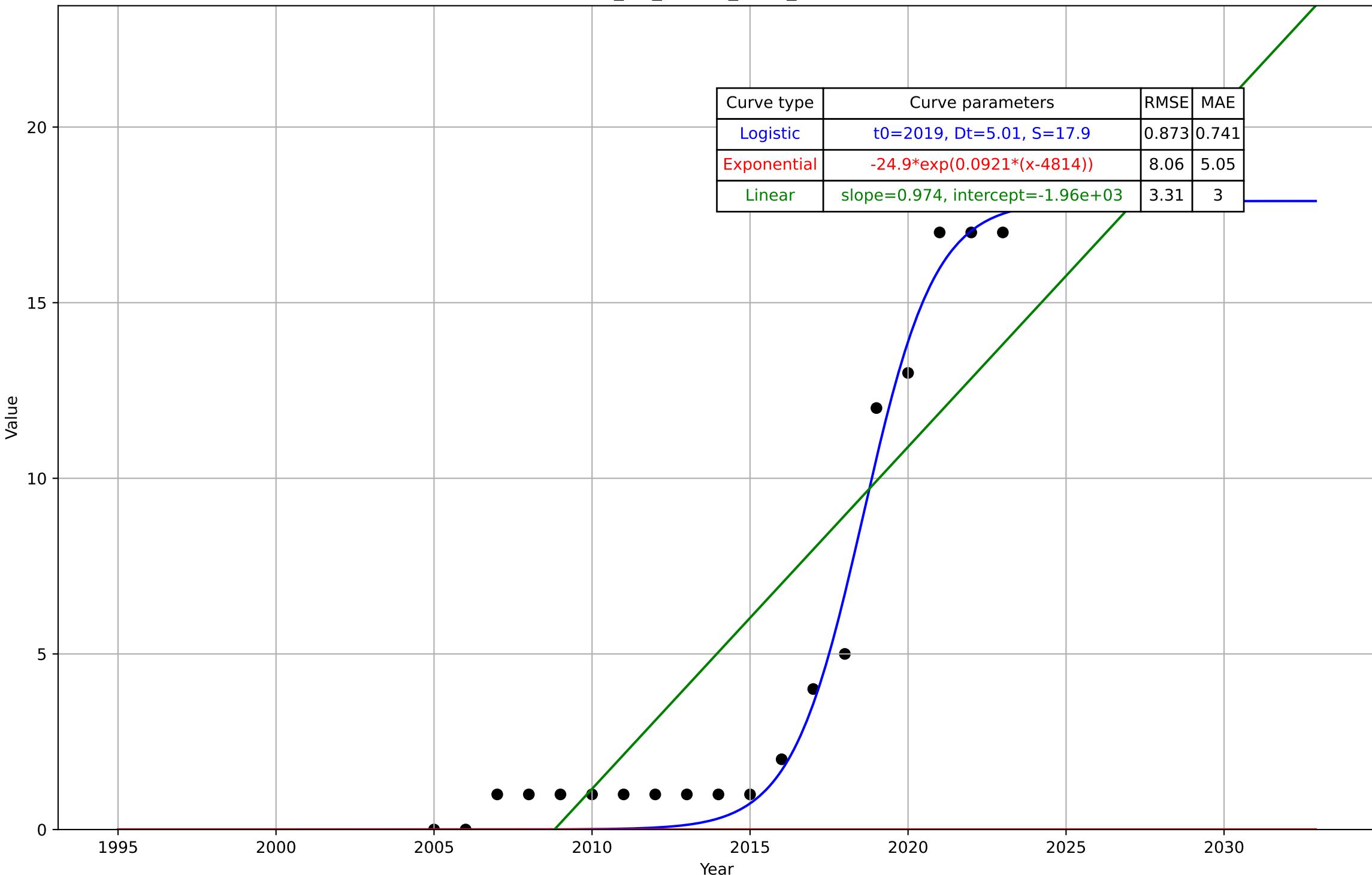
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=1.74, S=2.18	1.45	0.766
Exponential	6.17*exp(0.105*(x-2033))	1.62	1.05
Linear	slope=0.13, intercept=-261	1.59	1.03
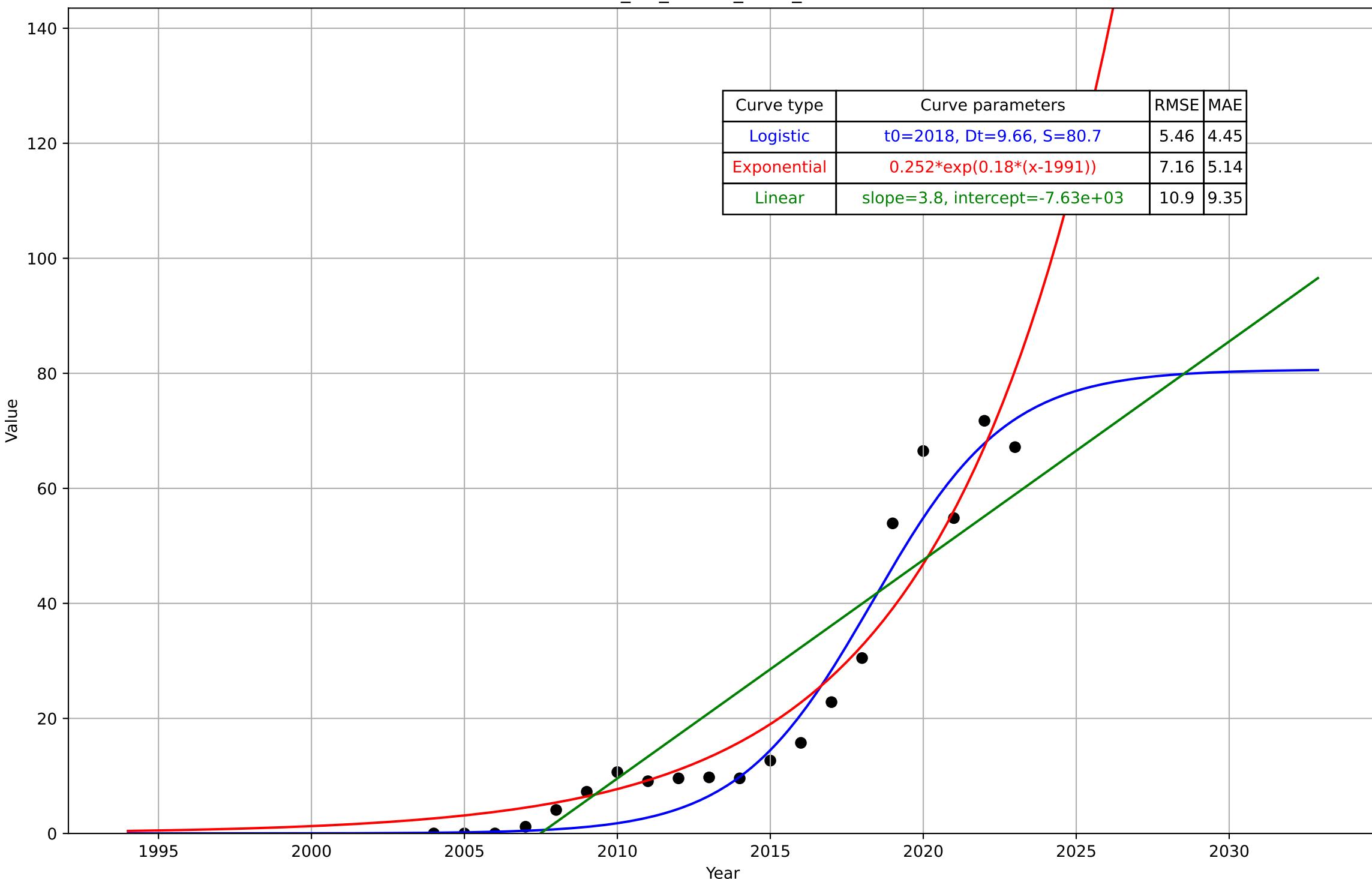
Sustainable fashion
UK
3.5
Sustainable fashion startups founded each year
cumulative # of start up companies
Market Formation
sus_uki_3.5Mar_d200_m100

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=5.01, S=17.9	0.873	0.741
Exponential	-24.9*exp(0.0921*(x-4814))	8.06	5.05
Linear	slope=0.974, intercept=-1.96e+03	3.31	3

Sustainable fashion
UK
4.1
Google Trends (indexed to 100 in month of max. search frequency)
index 0-100
## Knowledge Flows (Social Networks)
sus_uki_4.1Kso_d109_m108

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=9.66, S=80.7	5.46	4.45
Exponential	0.252*exp(0.18*(x-1991))	7.16	5.14
Linear	slope=3.8, intercept=-7.63e+03	10.9	9.35
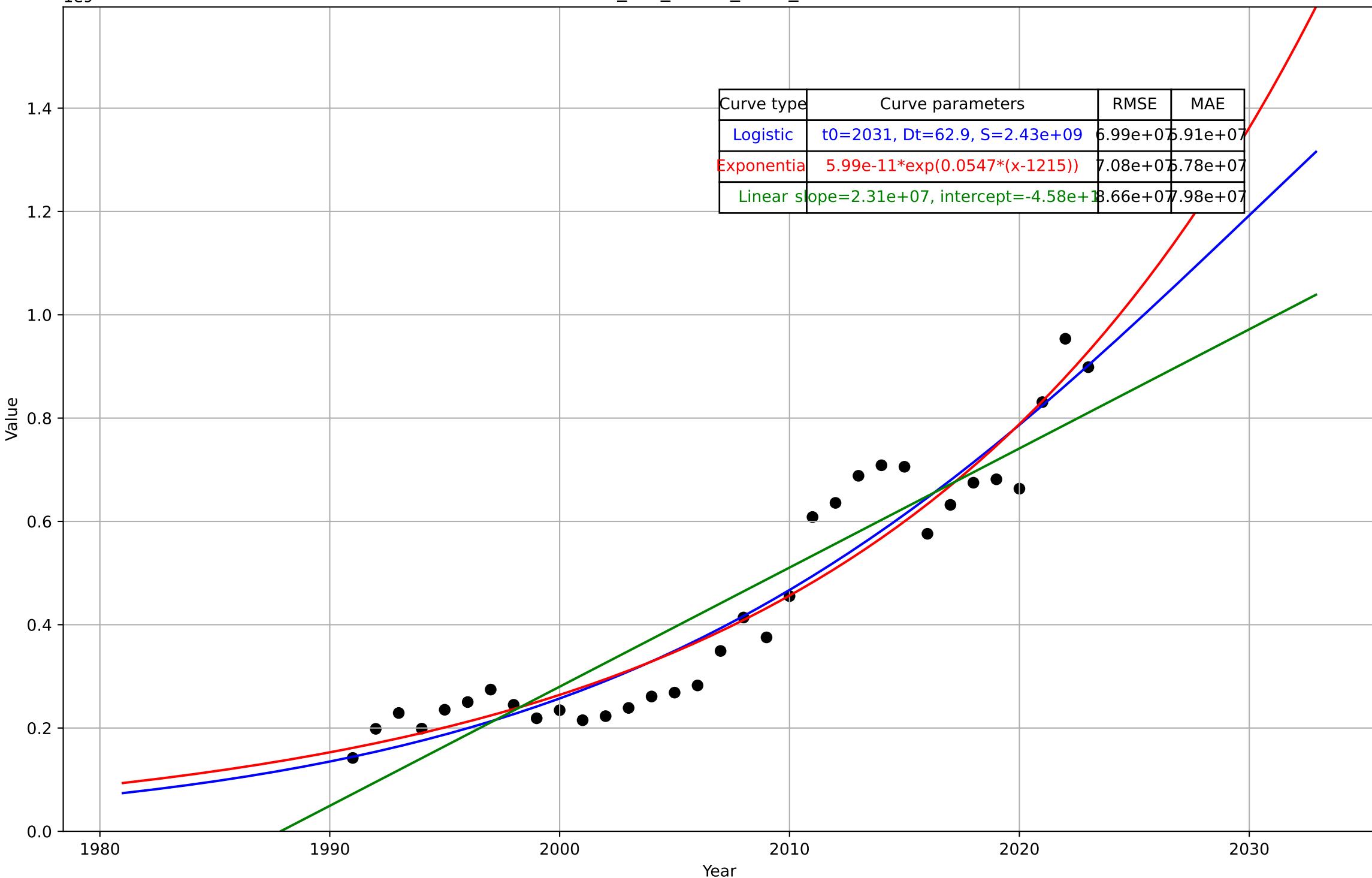
Sustainable fashion
US
2.3
Exports of worn clothing
Million USD
Relative advantage (co-benefits)
sus_usa_2.3Rel_d095_m125

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2031, Dt=62.9, S=2.43e+09	6.99e+07	5.91e+07
Exponential	5.99e-11*exp(0.0547*(x-1215))	7.08e+07	5.78e+07
Linear	slope=2.31e+07, intercept=-4.58e+13	8.66e+07	7.98e+07
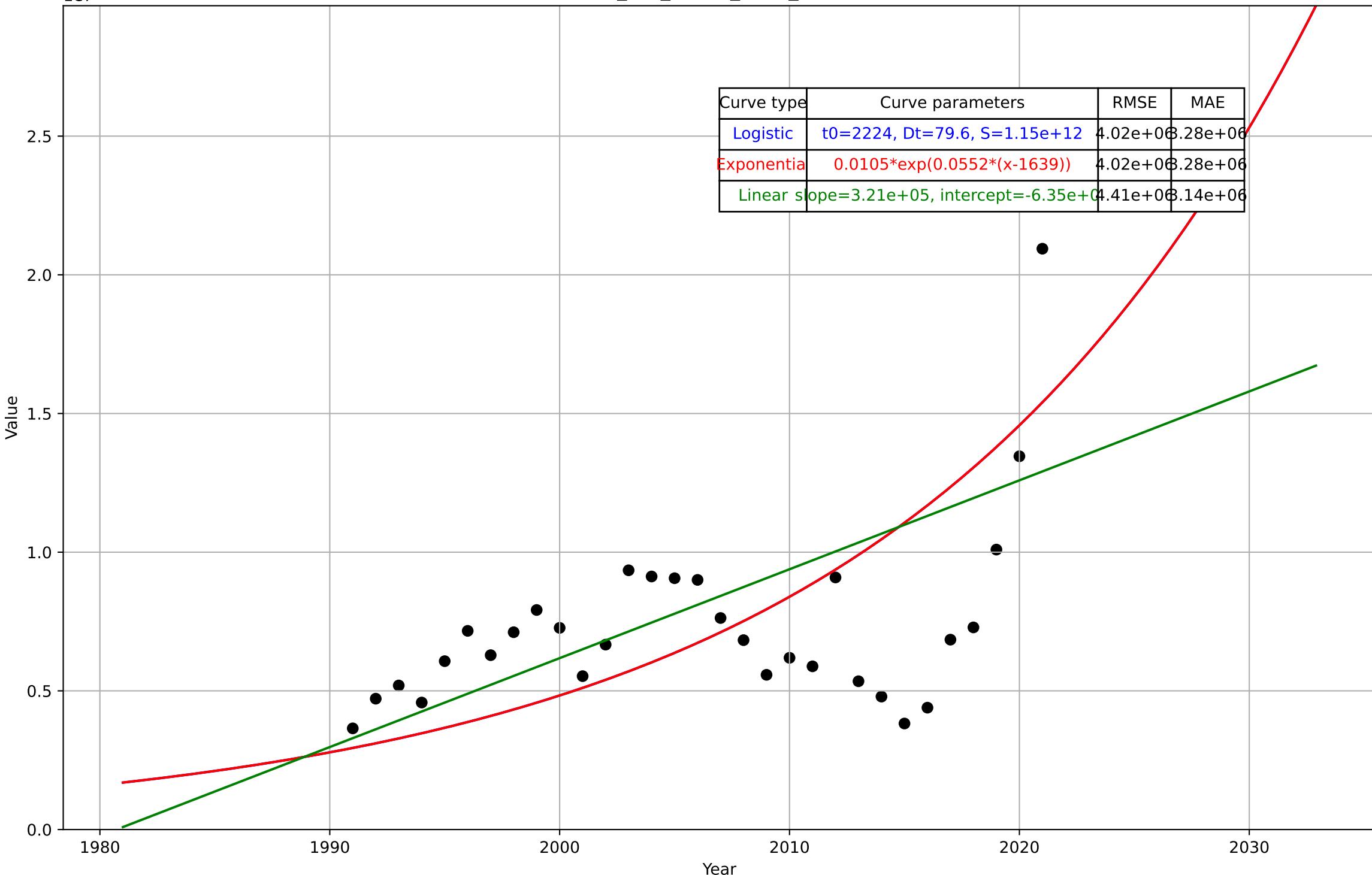
Sustainable fashion
US
2.3
Imports of worn clothing
Million USD
Relative advantage (co-benefits)
sus_usa_2.3Rel_d114_m125
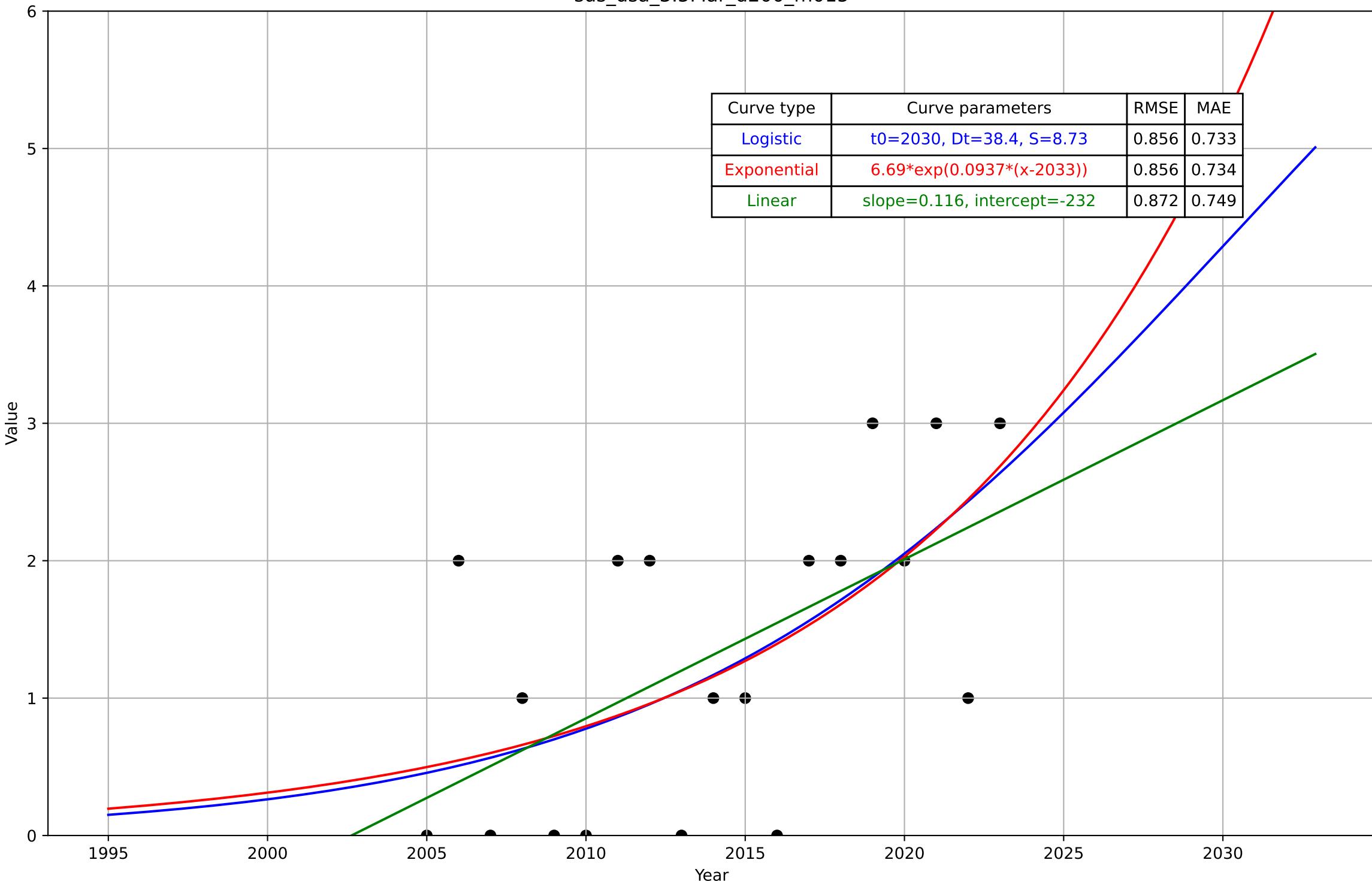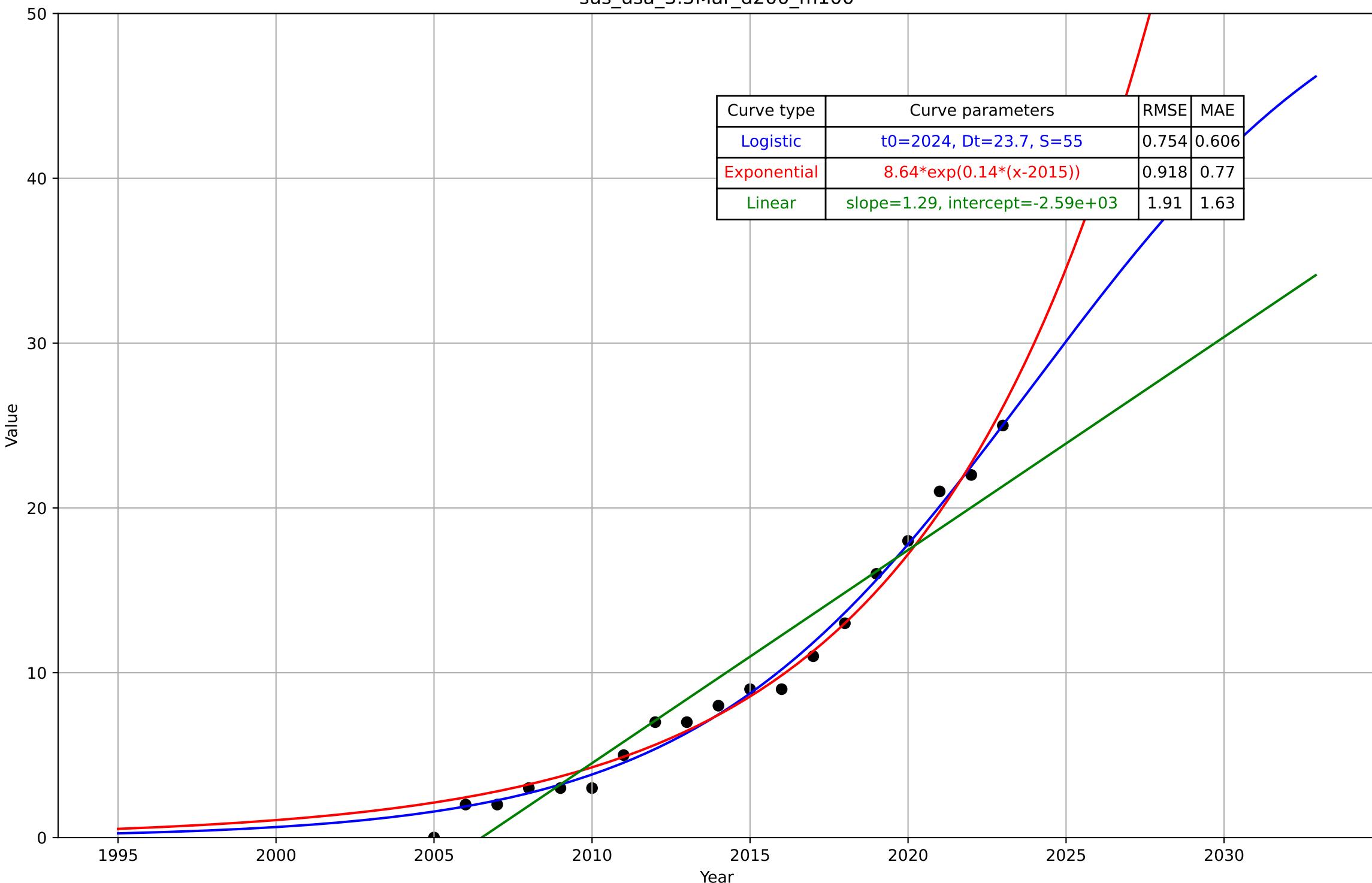
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2224, Dt=79.6, S=1.15e+12	4.02e+06	3.28e+06
Exponential	0.0105*exp(0.0552*(x-1639))	4.02e+06	3.28e+06
Linear	slope=3.21e+05, intercept=-6.35e+0	4.41e+06	3.14e+06

Sustainable fashion
US
3.5
Sustainable fashion startups founded each year
of new start up companies
Market Formation
sus_usa_3.5Mar_d200_m015
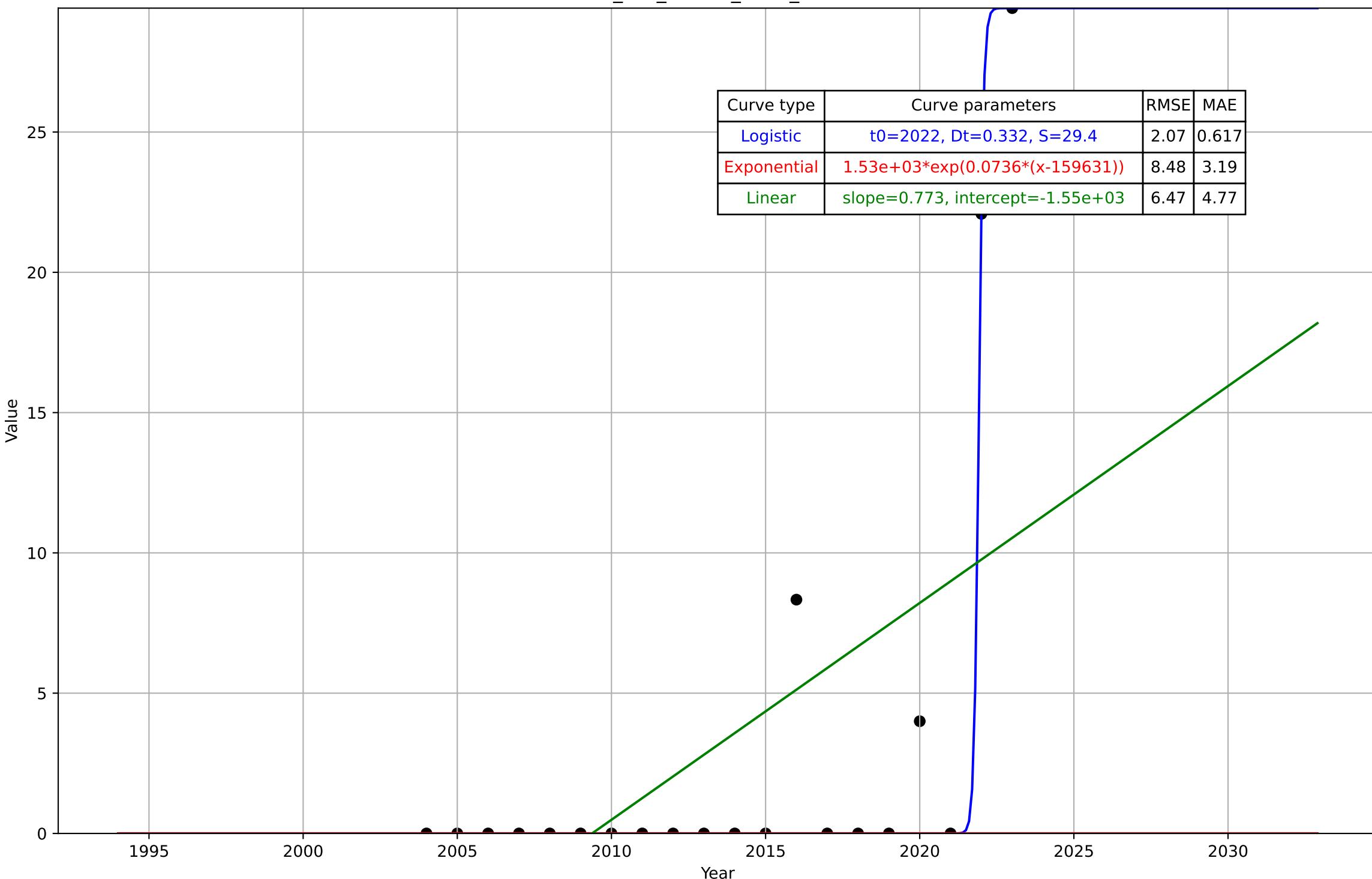
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2030, Dt=38.4, S=8.73	0.856	0.733
Exponential	6.69*exp(0.0937*(x-2033))	0.856	0.734
Linear	slope=0.116, intercept=-232	0.872	0.749
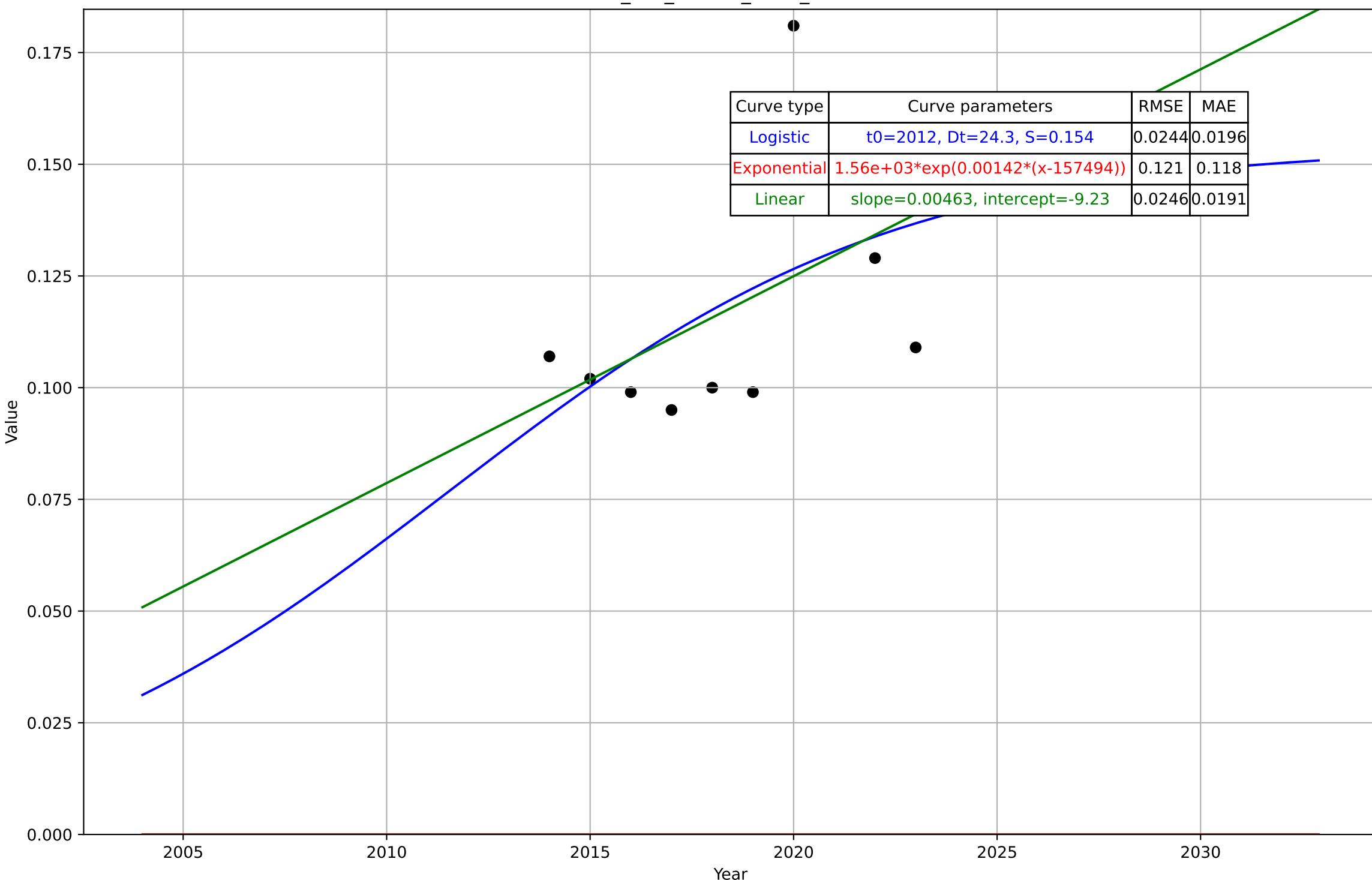
Sustainable fashion
US
3.5
Sustainable fashion startups founded each year
cumulative # of start up companies
Market Formation
sus_usa_3.5Mar_d200_m100

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2024, Dt=23.7, S=55	0.754	0.606
Exponential	8.64*exp(0.14*(x-2015))	0.918	0.77
Linear	slope=1.29, intercept=-2.59e+03	1.91	1.63
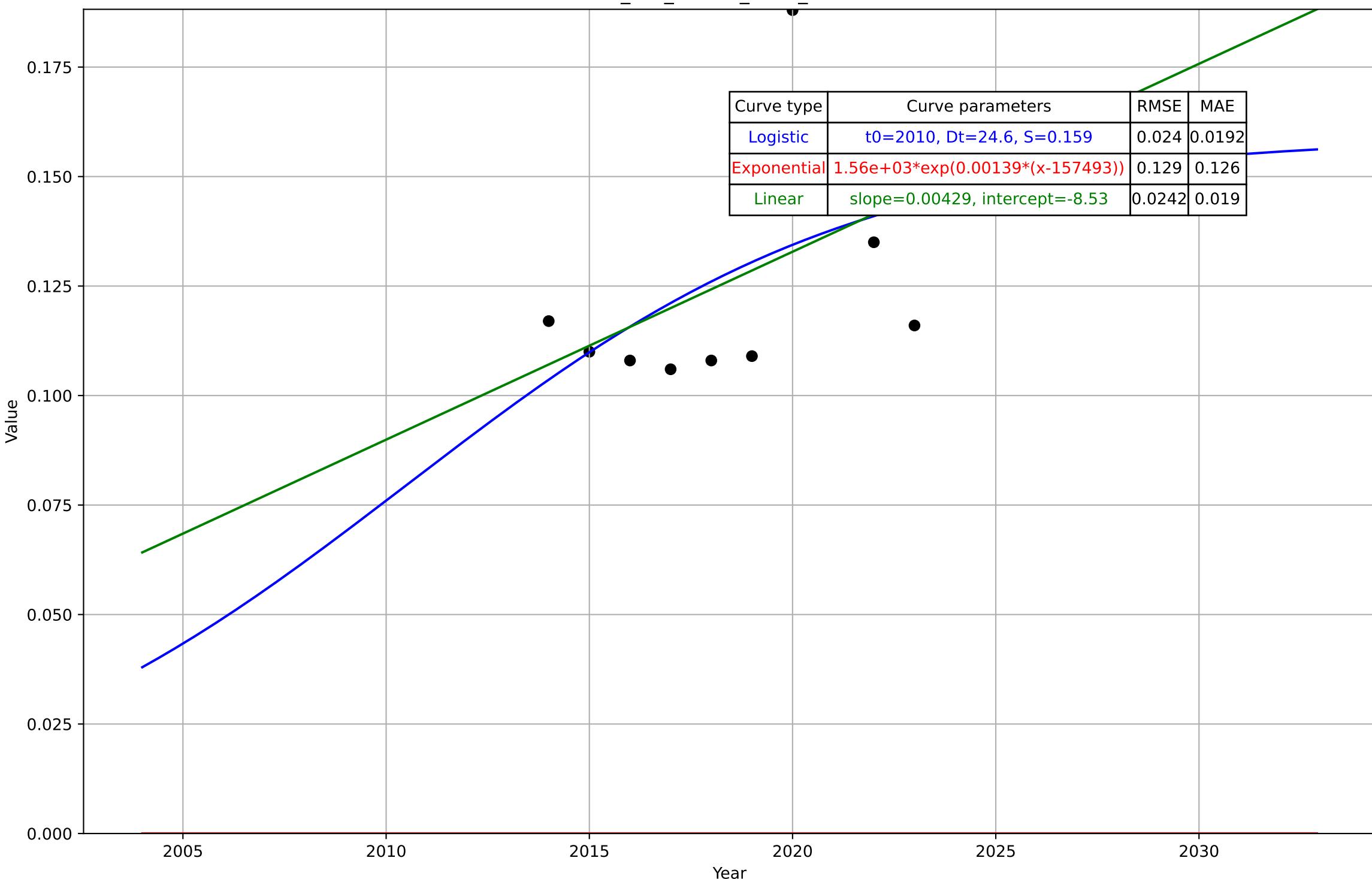
Sustainable fashion
US
4.1
Google Trends (indexed to 100 in month of max. search frequency)
index 0-100
Knowledge Flows (Social Networks)
sus_usa_4.1Kso_d109_m108

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=0.332, S=29.4	2.07	0.617
Exponential	1.53e+03*exp(0.0736*(x-159631))	8.48	3.19
Linear	slope=0.773, intercept=-1.55e+03	6.47	4.77
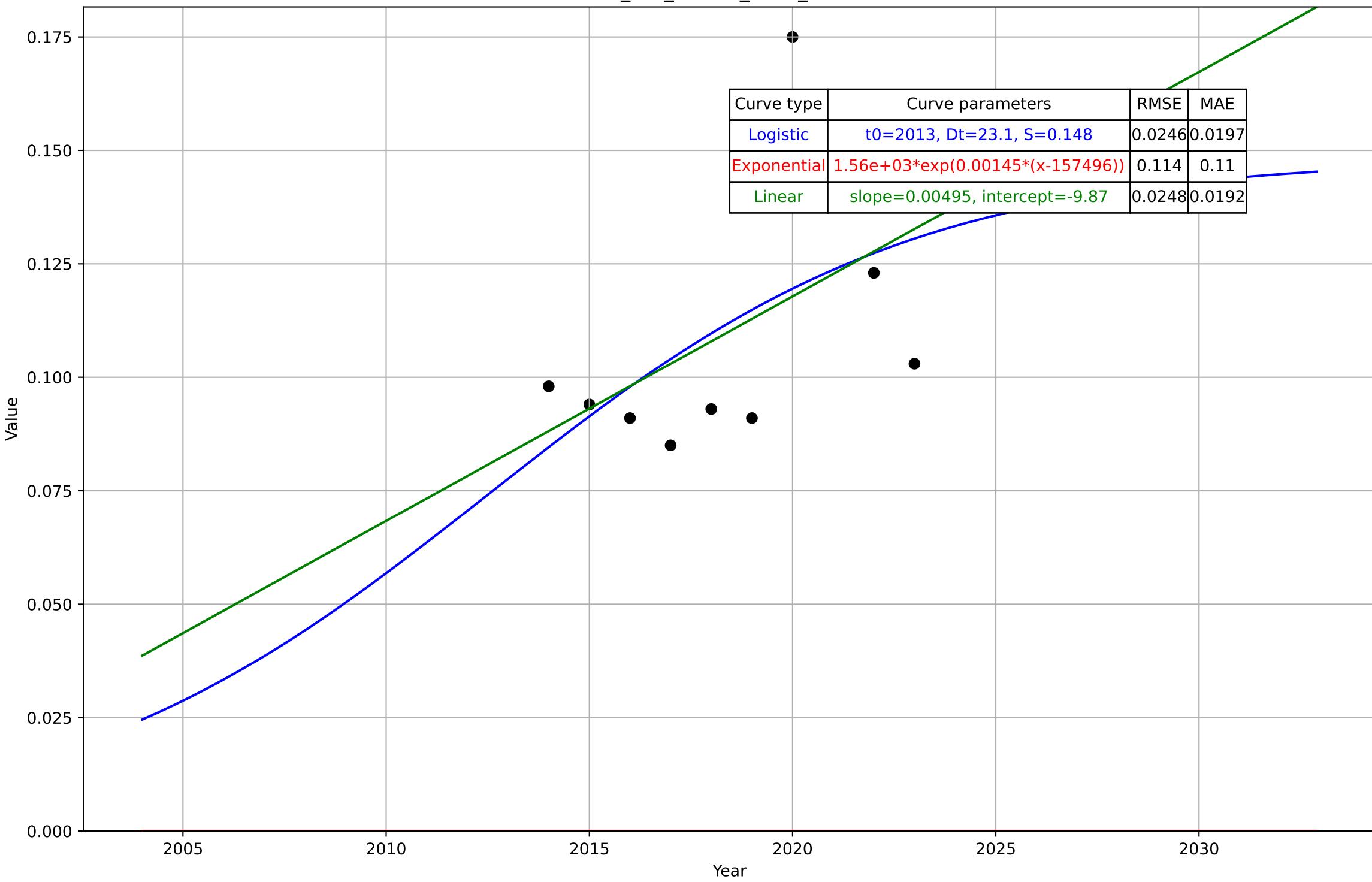
Telework
Austria
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_aus_1.1Ado_d090_m140

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=24.3, S=0.154	0.0244	0.0196
Exponential	1.56e+03*exp(0.00142*(x-157494))	0.121	0.118
Linear	slope=0.00463, intercept=-9.23	0.0246	0.0191
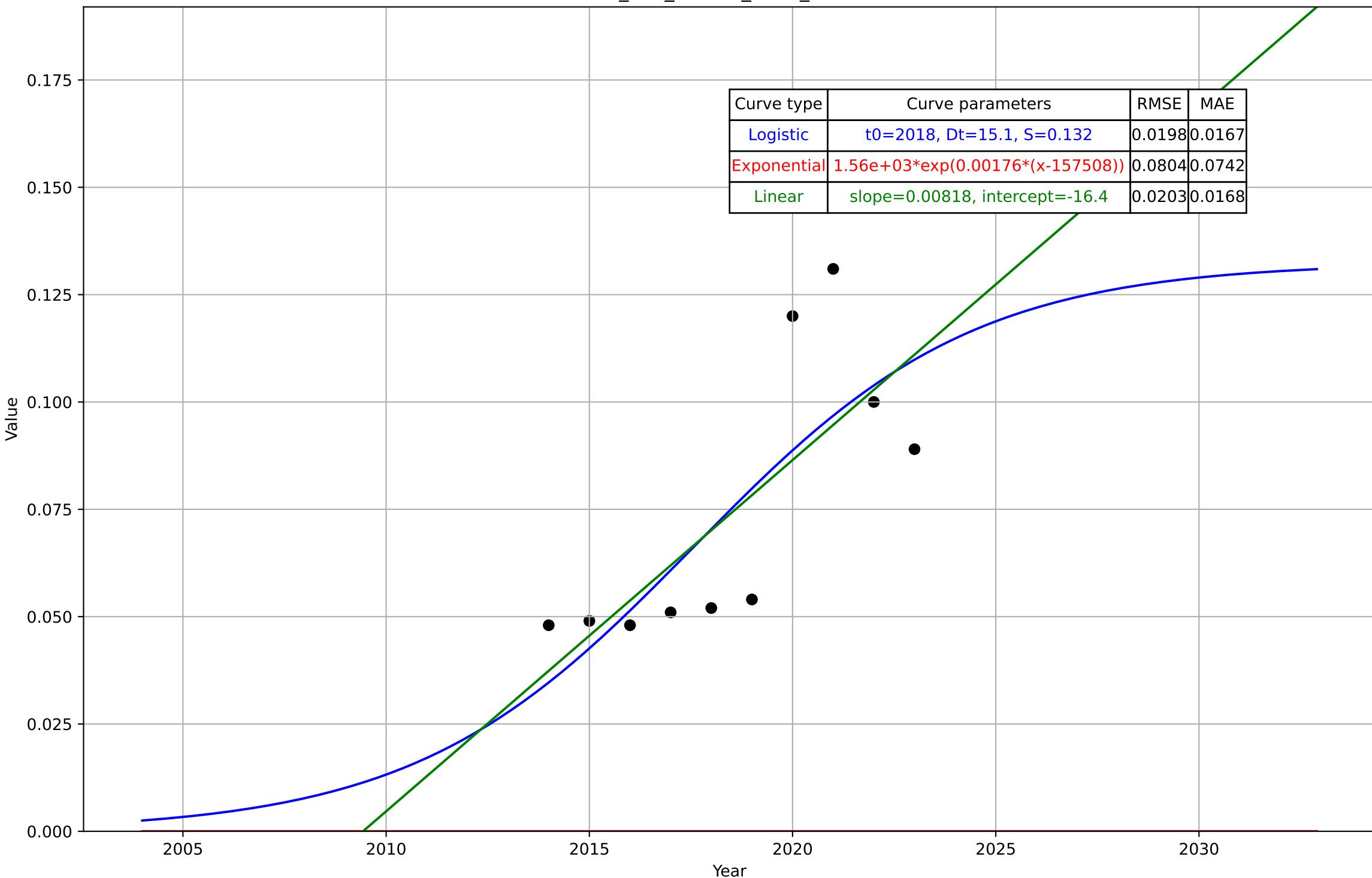
Telework
Austria
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_aus_3.2Adc_d097_m031

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=24.6, S=0.159	0.024	0.0192
Exponential	1.56e+03*exp(0.00139*(x-157493))	0.129	0.126
Linear	slope=0.00429, intercept=-8.53	0.0242	0.019

Telework
Austria
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
Adopter characteristics
tel_aus_3.2Adc_d120_m033

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=23.1, S=0.148	0.0246	0.0197
Exponential	1.56e+03*exp(0.00145*(x-157496))	0.114	0.11
Linear	slope=0.00495, intercept=-9.87	0.0248	0.0192
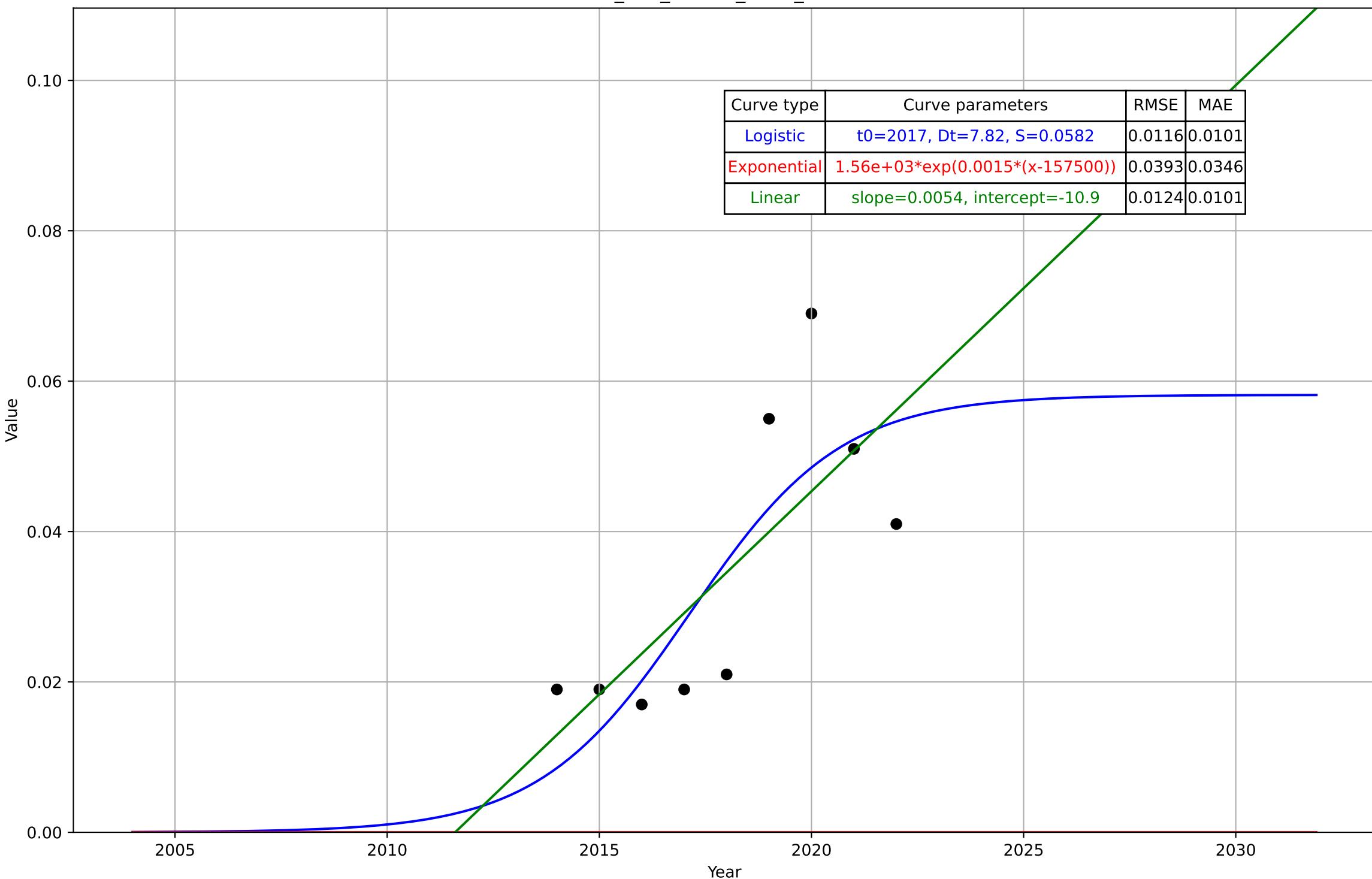
Telework
EU
1.1
Employed persons teleworking as a % of total employment
% teleworkers of total employment
Adoption over time
tel_eun_1.1Ado_d089_m083

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=15.1, S=0.132	0.0198	0.0167
Exponential	1.56e+03*exp(0.00176*(x-157508))	0.0804	0.0742
Linear	slope=0.00818, intercept=-16.4	0.0203	0.0168
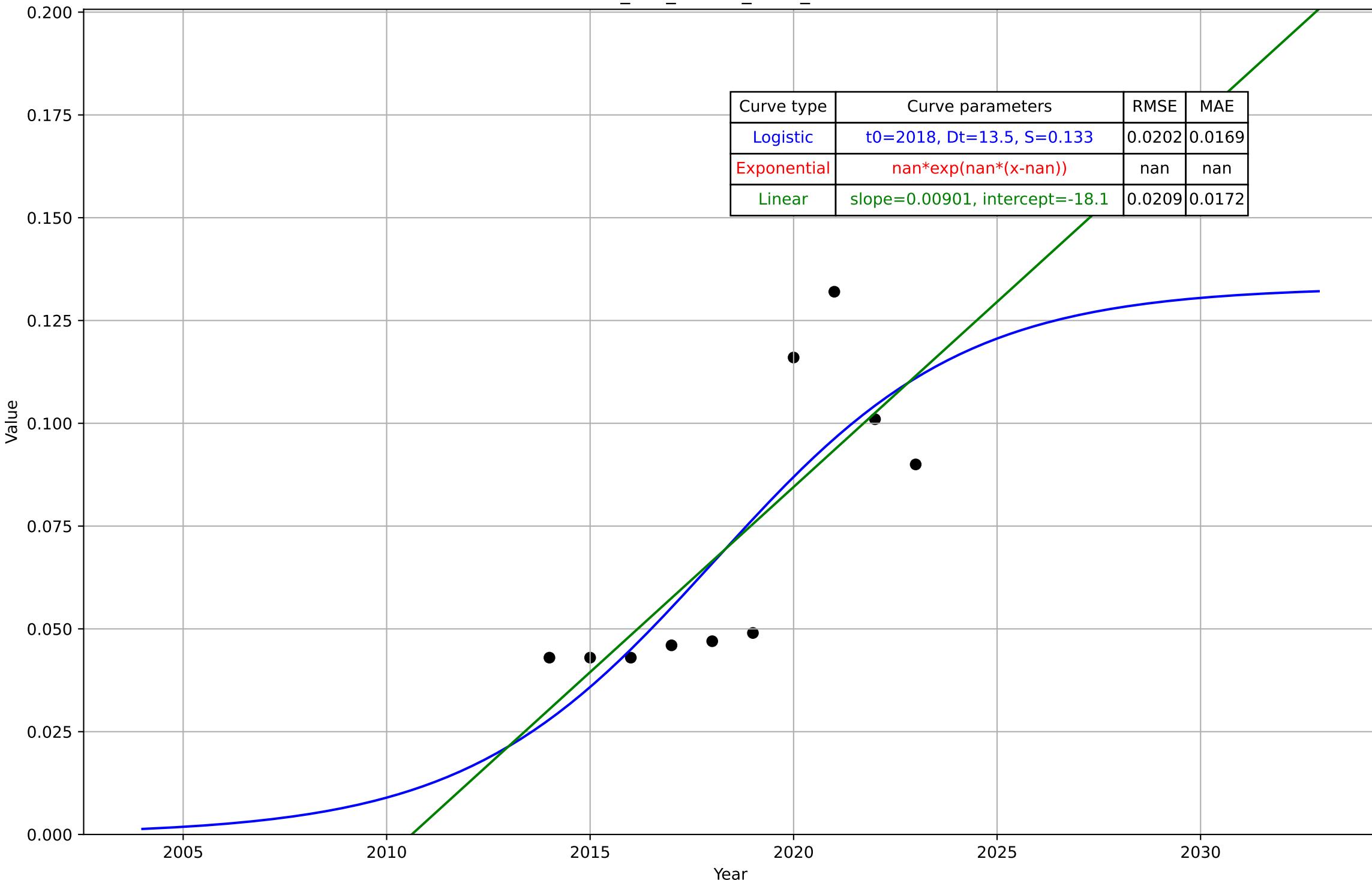
Telework
EU
3.2
Employed persons (Age: 15-24) teleworking as a percentage of total employees age: 15-24 (%)
Percentage of employment within age group
Adopter characteristics
tel_eun_3.2Adc_d086_m139

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=7.82, S=0.0582	0.0116	0.0101
Exponential	1.56e+03*exp(0.0015*(x-157500))	0.0393	0.0346
Linear	slope=0.0054, intercept=-10.9	0.0124	0.0101

Telework
EU
3.2
Employed persons (Age: 25-49) teleworking as a percentage of total employees age: 25-49 (%)
Percentage of employment within age group
Adopter characteristics
tel_eun_3.2Adc_d087_m139

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=13.5, S=0.133	0.0202	0.0169
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=0.00901, intercept=-18.1	0.0209	0.0172
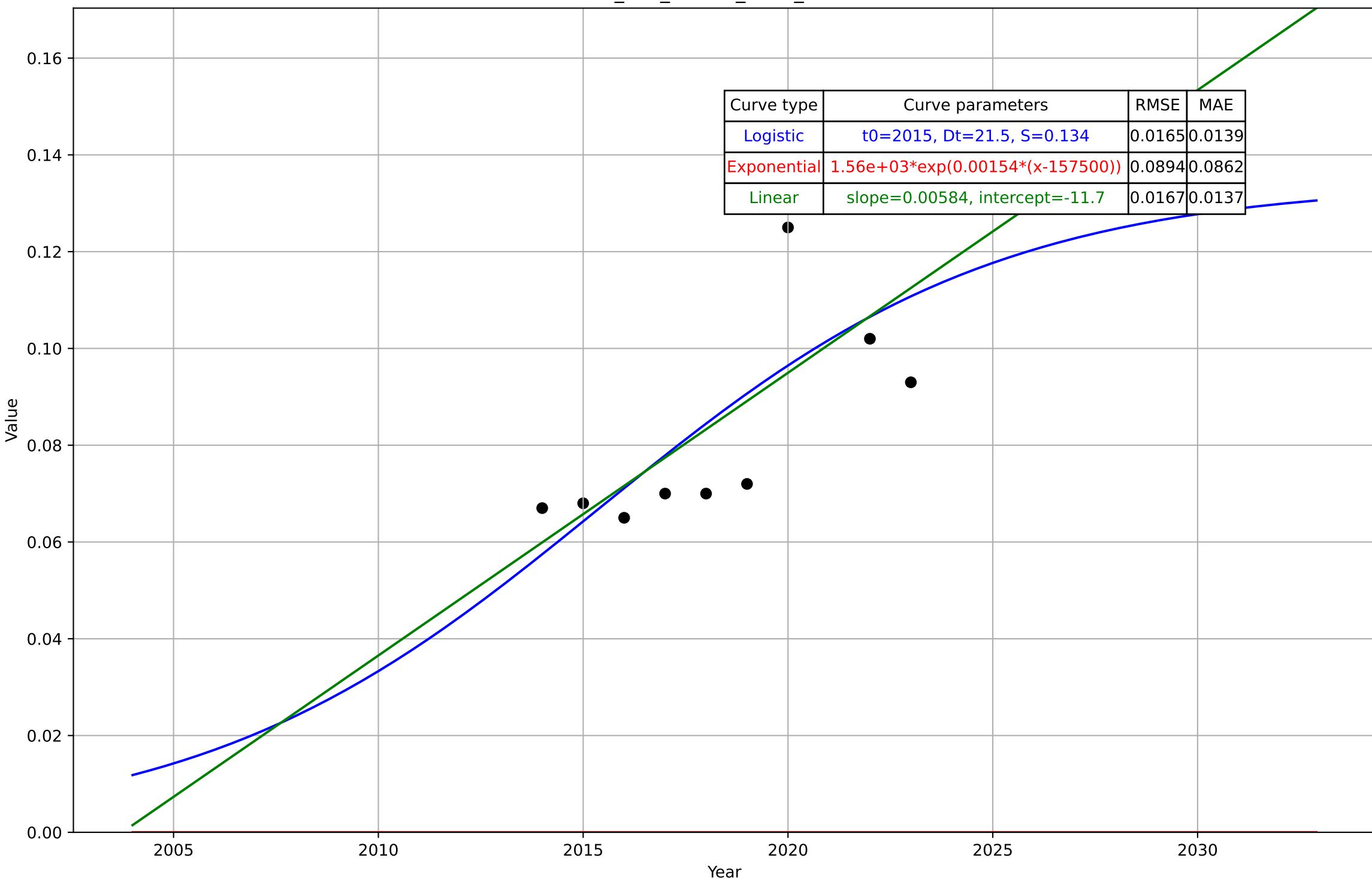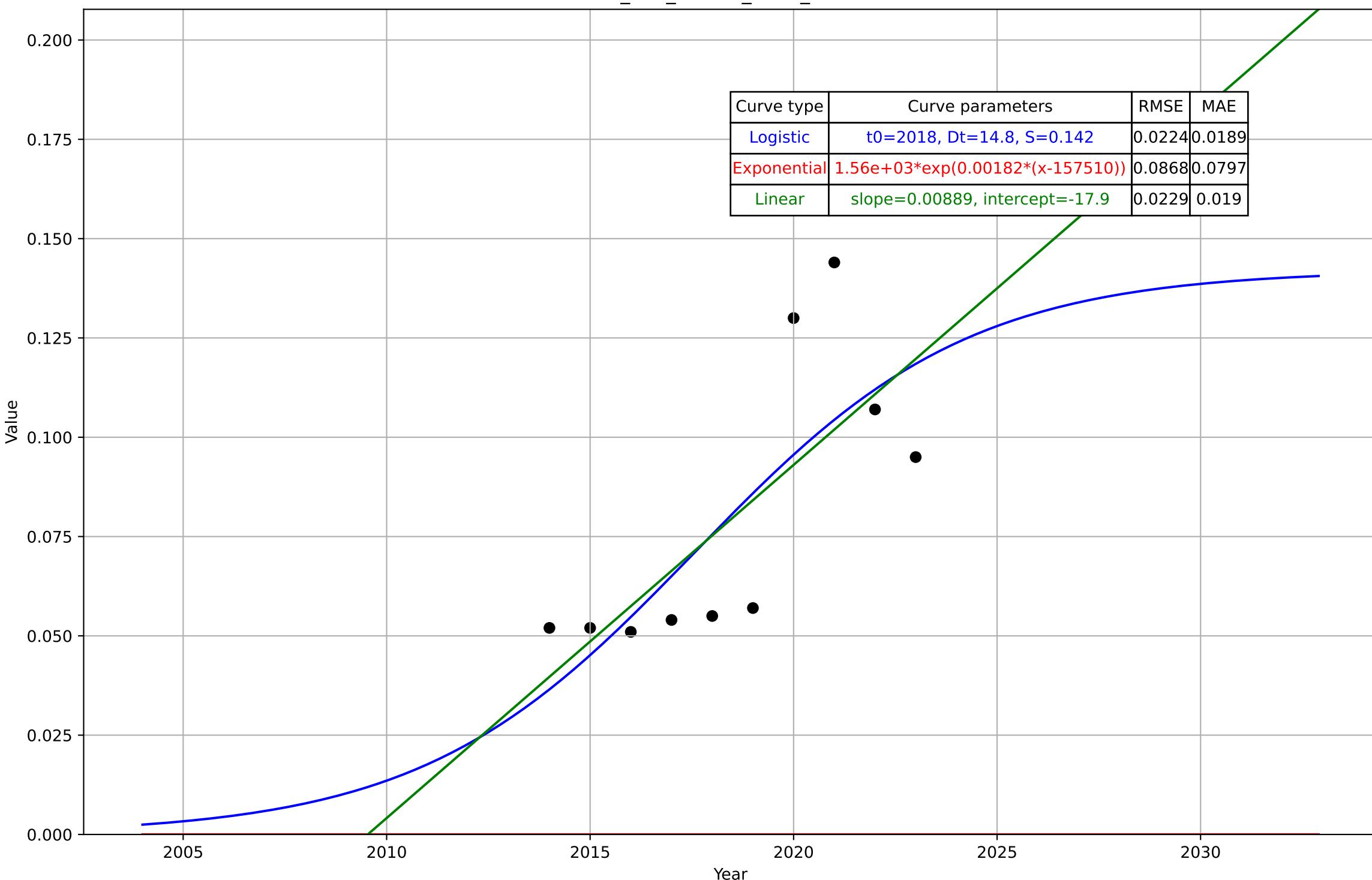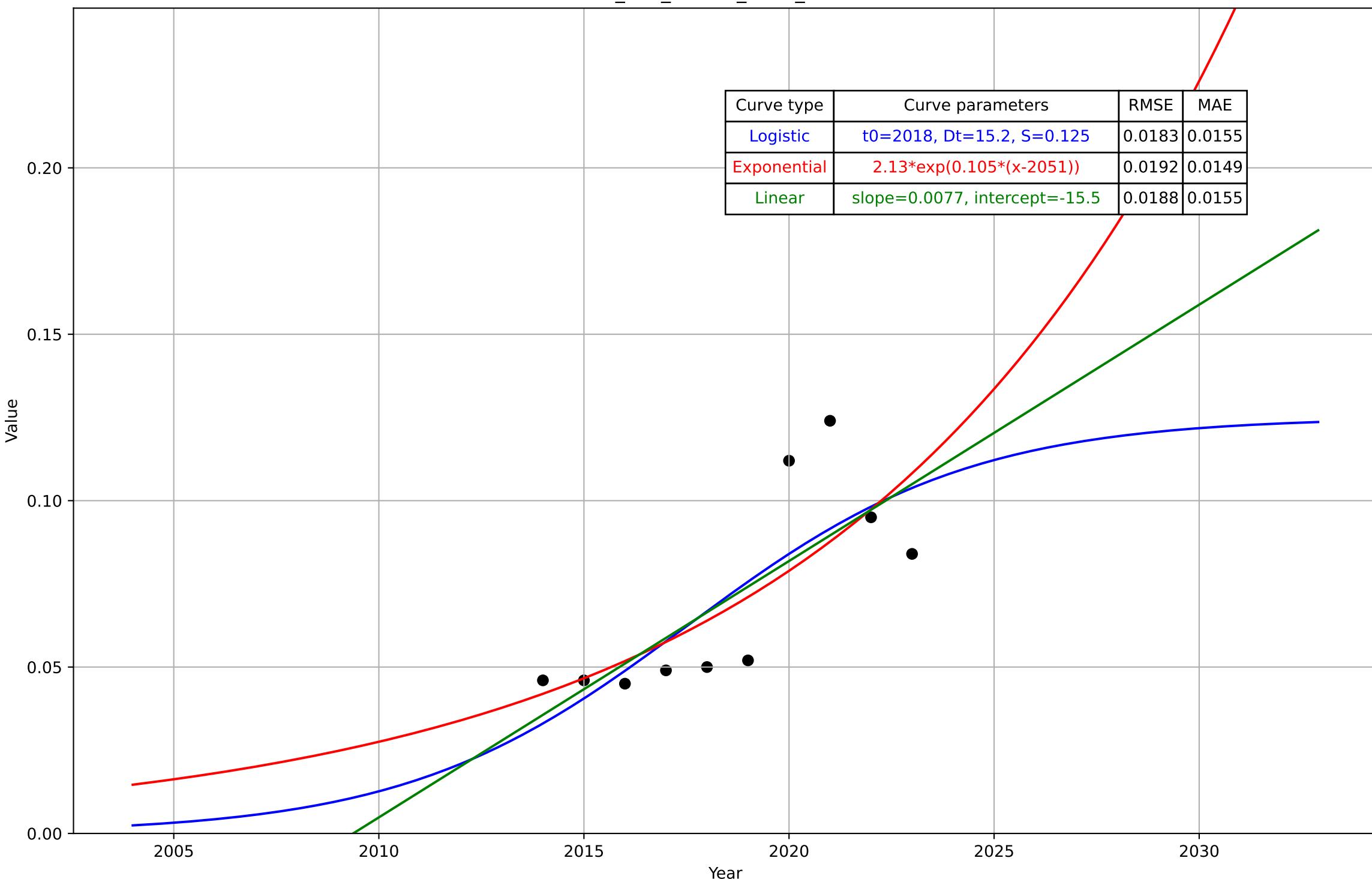
Telework
EU
3.2
Employed persons (Age: 50+) teleworking as a percentage of total employees age: 50+ (%)
Percentage of employment within age group
Adopter characteristics
tel_eun_3.2Adc_d088_m139

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=21.5, S=0.134	0.0165	0.0139
Exponential	1.56e+03*exp(0.00154*(x-157500))	0.0894	0.0862
Linear	slope=0.00584, intercept=-11.7	0.0167	0.0137
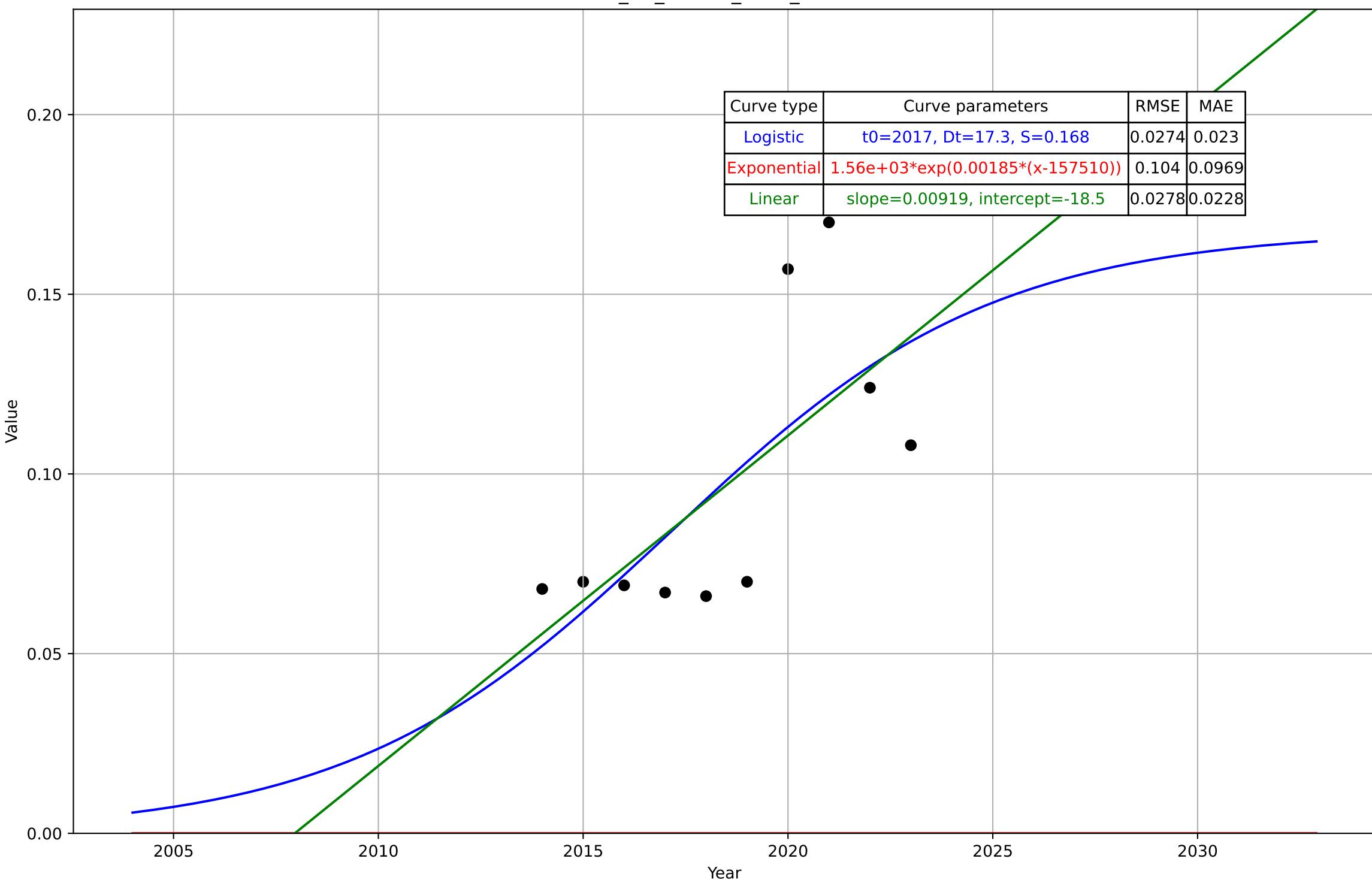
Telework
EU
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_eun_3.2Adc_d097_m031

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=14.8, S=0.142	0.0224	0.0189
Exponential	1.56e+03*exp(0.00182*(x-157510))	0.0868	0.0797
Linear	slope=0.00889, intercept=-17.9	0.0229	0.019
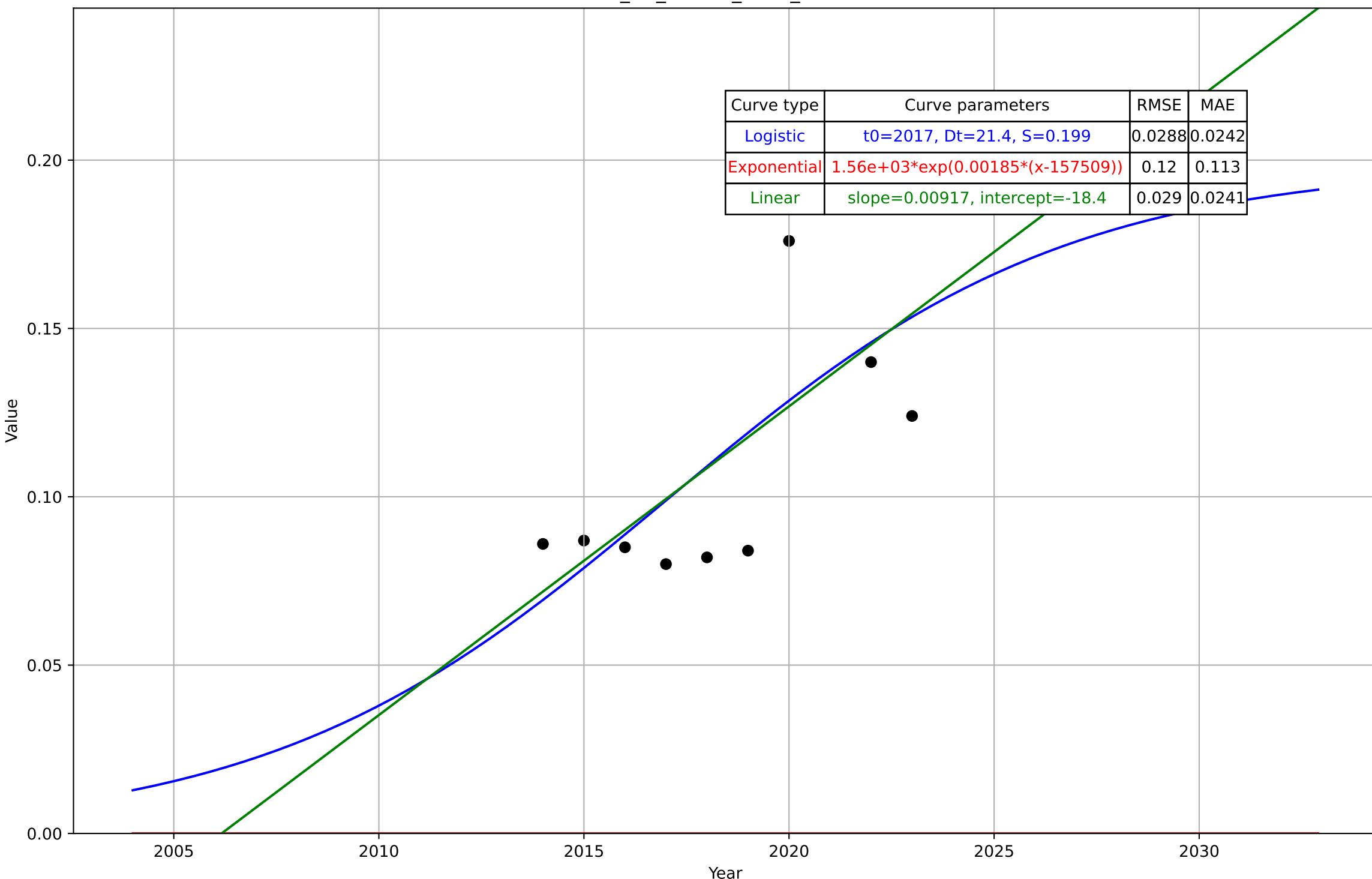
Telework
EU
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
Adopter characteristics
tel_eun_3.2Adc_d120_m033

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=15.2, S=0.125	0.0183	0.0155
Exponential	2.13*exp(0.105*(x-2051))	0.0192	0.0149
Linear	slope=0.0077, intercept=-15.5	0.0188	0.0155
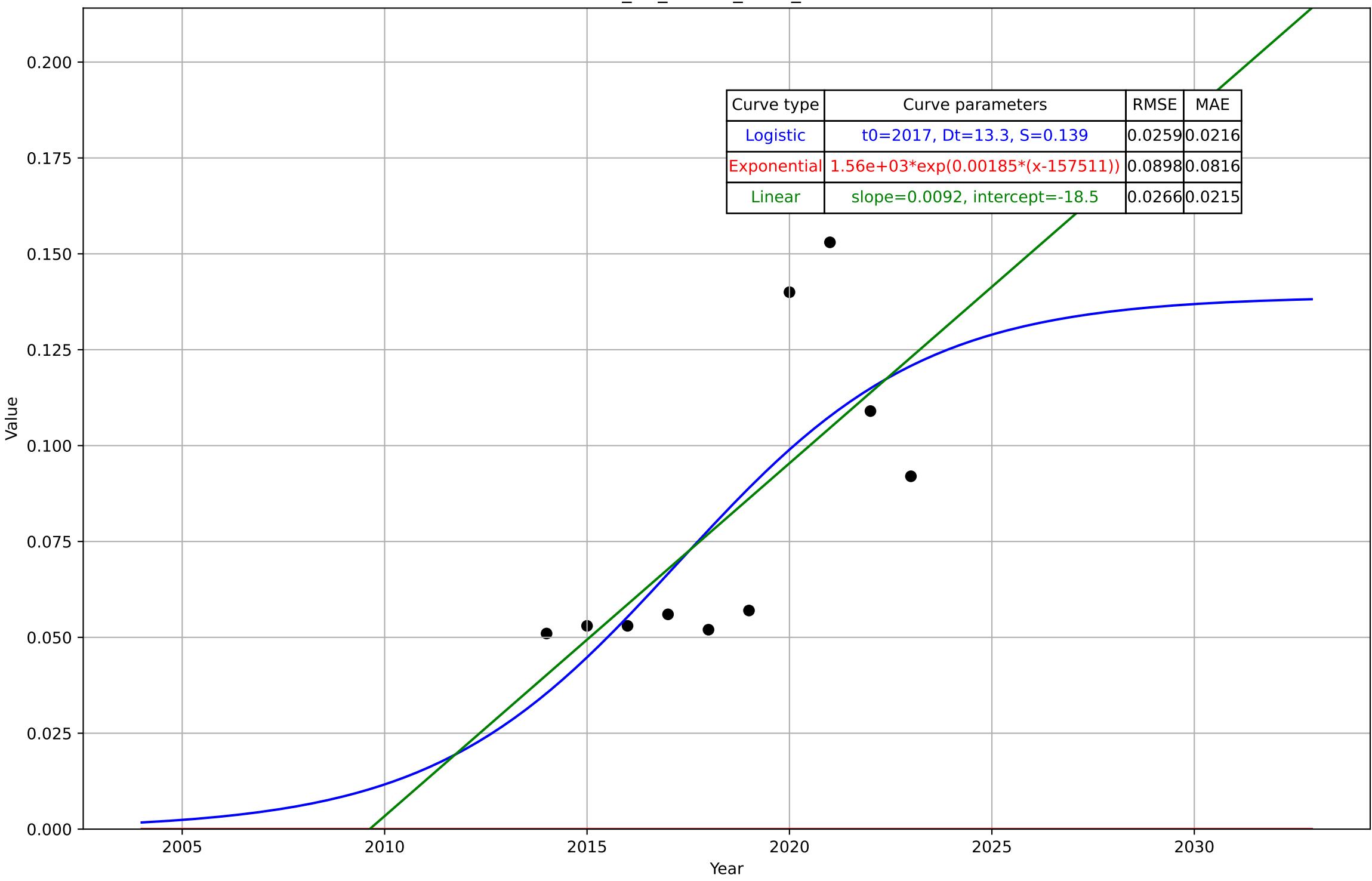
Telework
France
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_fra_1.1Ado_d090_m140

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=17.3, S=0.168	0.0274	0.023
Exponential	1.56e+03*exp(0.00185*(x-157510))	0.104	0.0969
Linear	slope=0.00919, intercept=-18.5	0.0278	0.0228
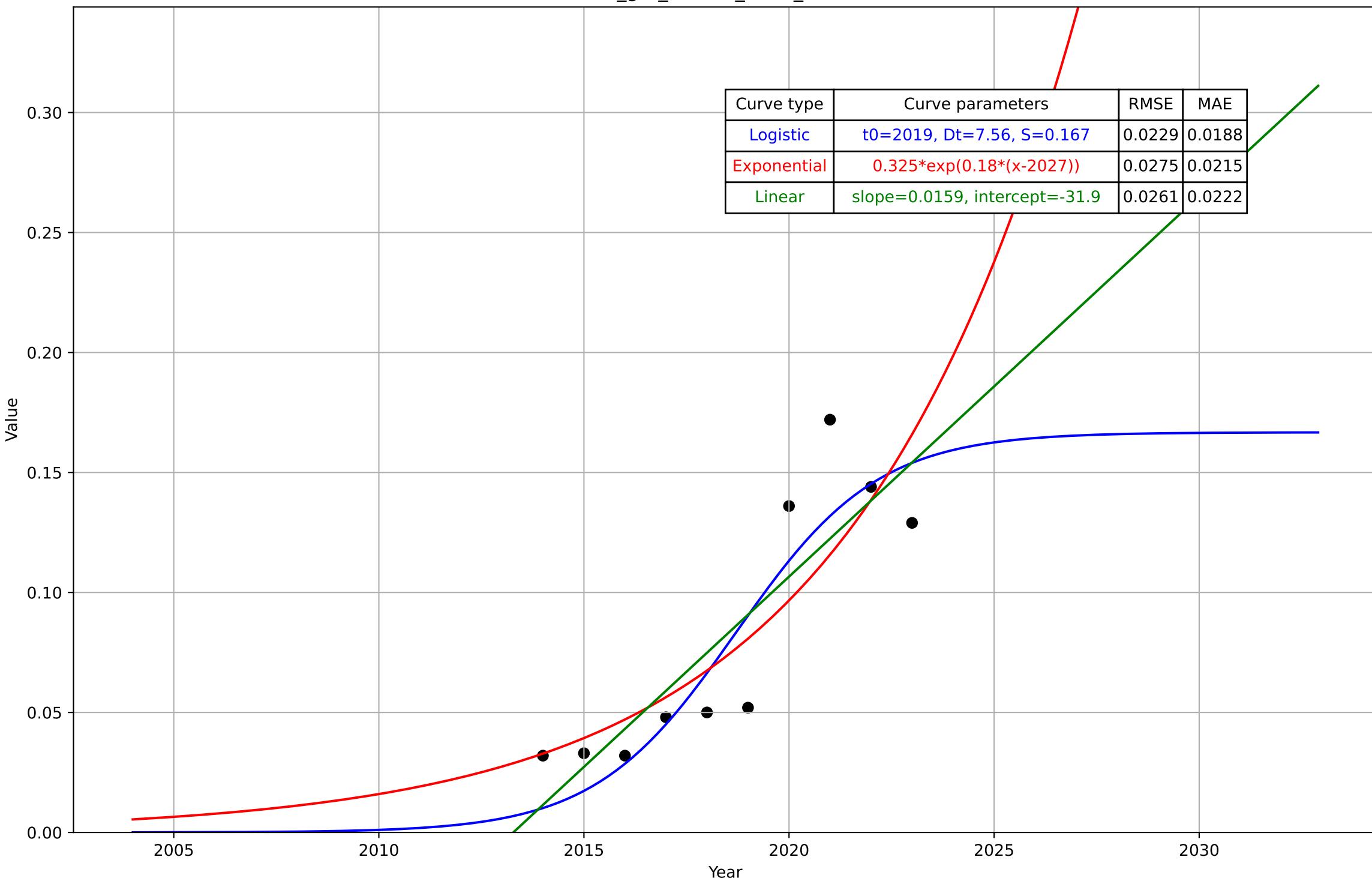
Telework
France
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_fra_3.2Adc_d097_m031

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=21.4, S=0.199	0.0288	0.0242
Exponential	1.56e+03*exp(0.00185*(x-157509))	0.12	0.113
Linear	slope=0.00917, intercept=-18.4	0.029	0.0241
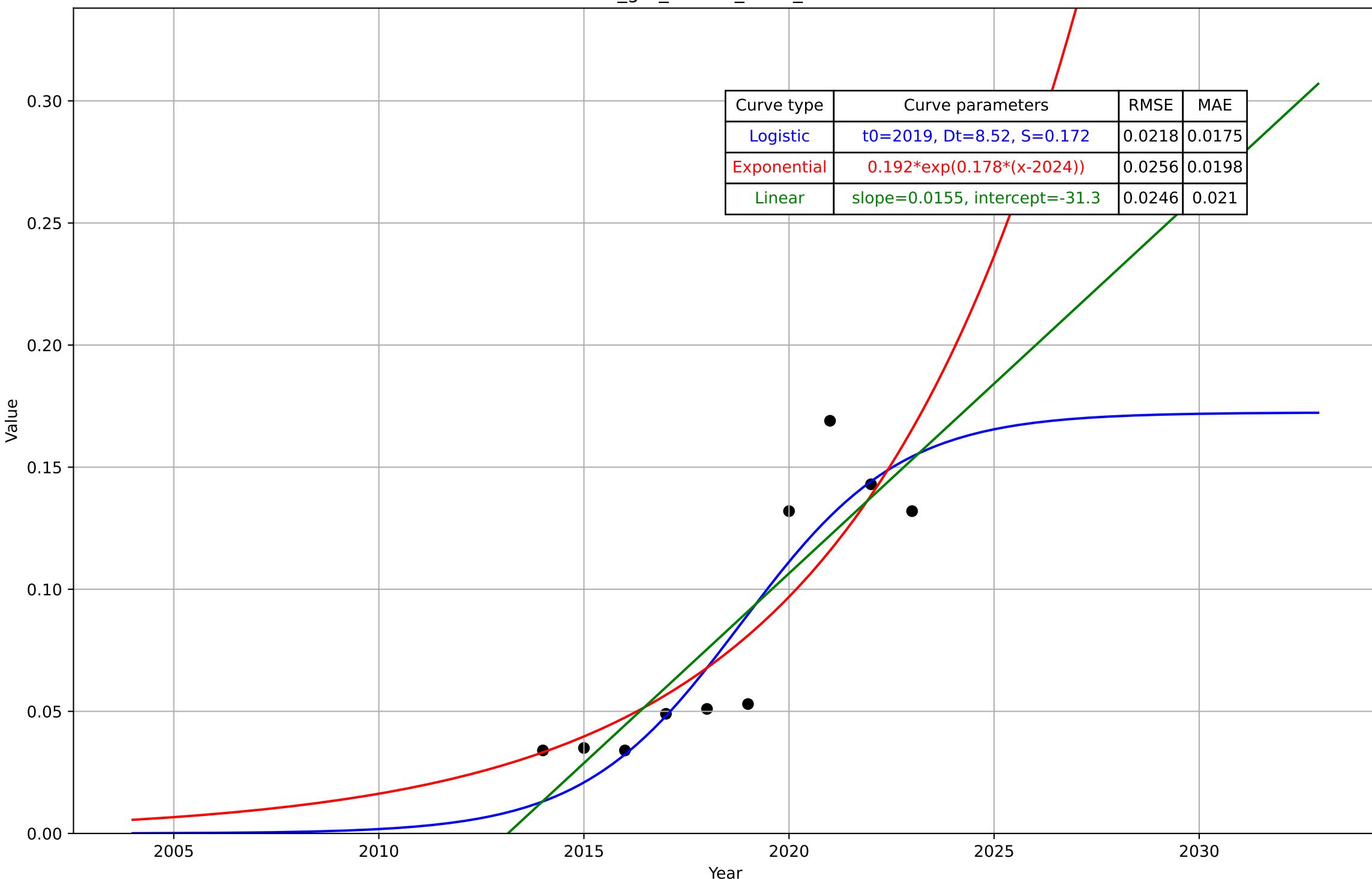
Telework
France
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
### Adopter characteristics
tel_fra_3.2Adc_d120_m033

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=13.3, S=0.139	0.0259	0.0216
Exponential	1.56e+03*exp(0.00185*(x-157511))	0.0898	0.0816
Linear	slope=0.0092, intercept=-18.5	0.0266	0.0215
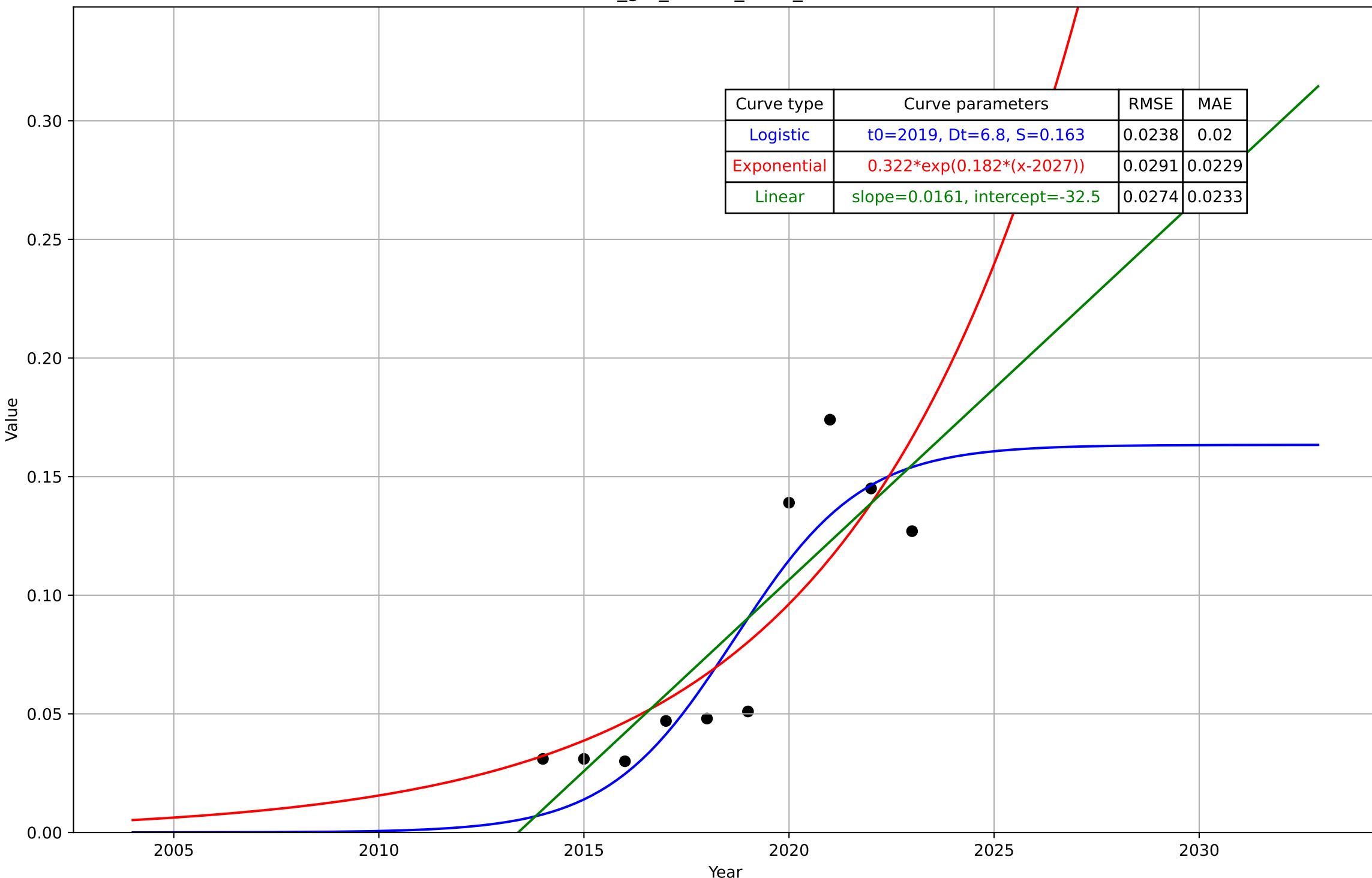
Telework
Germany
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_ger_1.1Ado_d090_m140

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=7.56, S=0.167	0.0229	0.0188
Exponential	0.325*exp(0.18*(x-2027))	0.0275	0.0215
Linear	slope=0.0159, intercept=-31.9	0.0261	0.0222
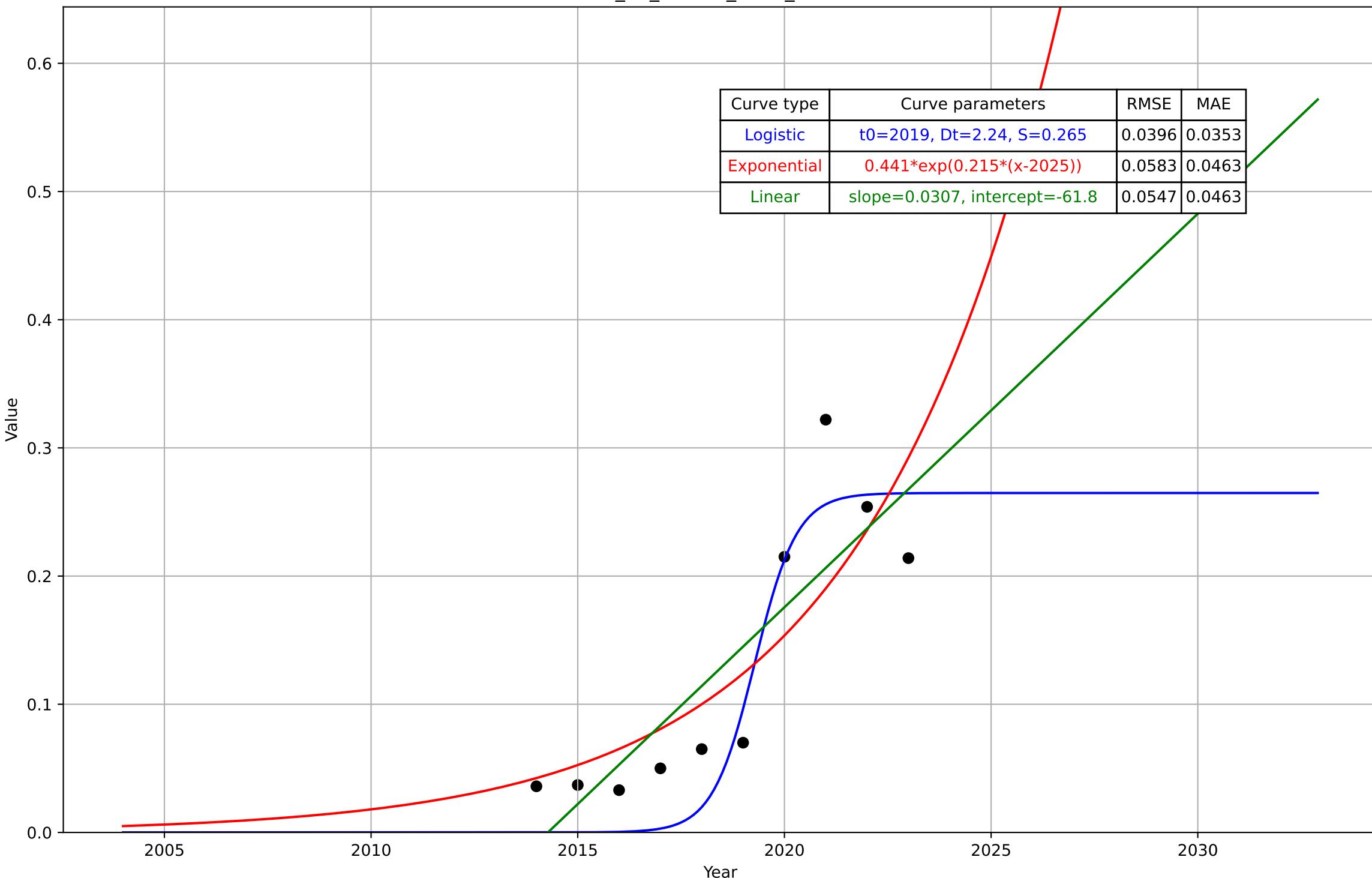
Telework
Germany
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_ger_3.2Adc_d097_m031

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=8.52, S=0.172	0.0218	0.0175
Exponential	0.192*exp(0.178*(x-2024))	0.0256	0.0198
Linear	slope=0.0155, intercept=-31.3	0.0246	0.021
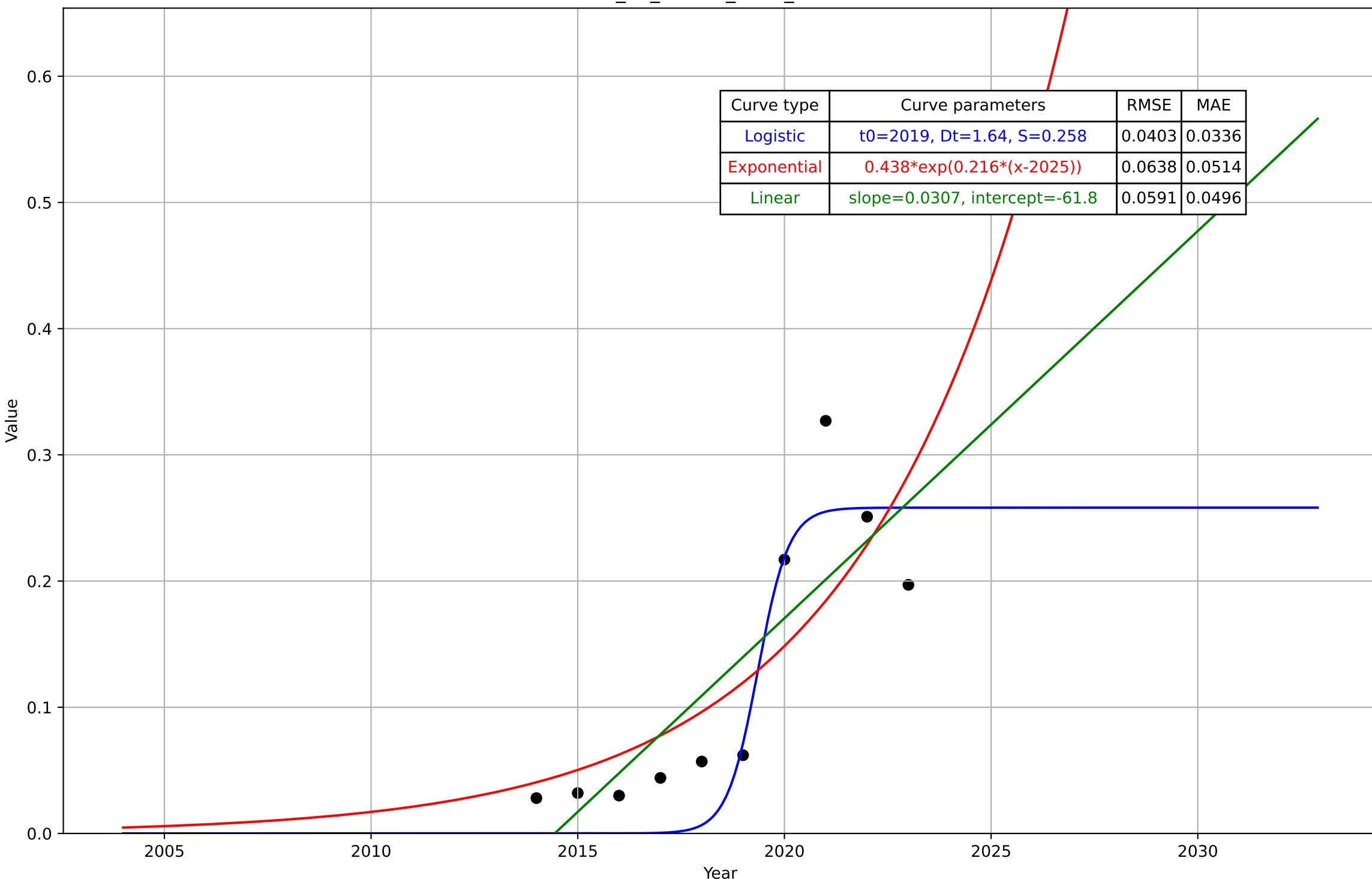
Telework
Germany
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
### Adopter characteristics
tel_ger_3.2Adc_d120_m033


Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=6.8, S=0.163	0.0238	0.02
Exponential	0.322*exp(0.182*(x-2027))	0.0291	0.0229
Linear	slope=0.0161, intercept=-32.5	0.0274	0.0233

Telework
Ireland
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_ire_1.1Ado_d090_m140


Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=2.24, S=0.265	0.0396	0.0353
Exponential	0.441*exp(0.215*(x-2025))	0.0583	0.0463
Linear	slope=0.0307, intercept=-61.8	0.0547	0.0463
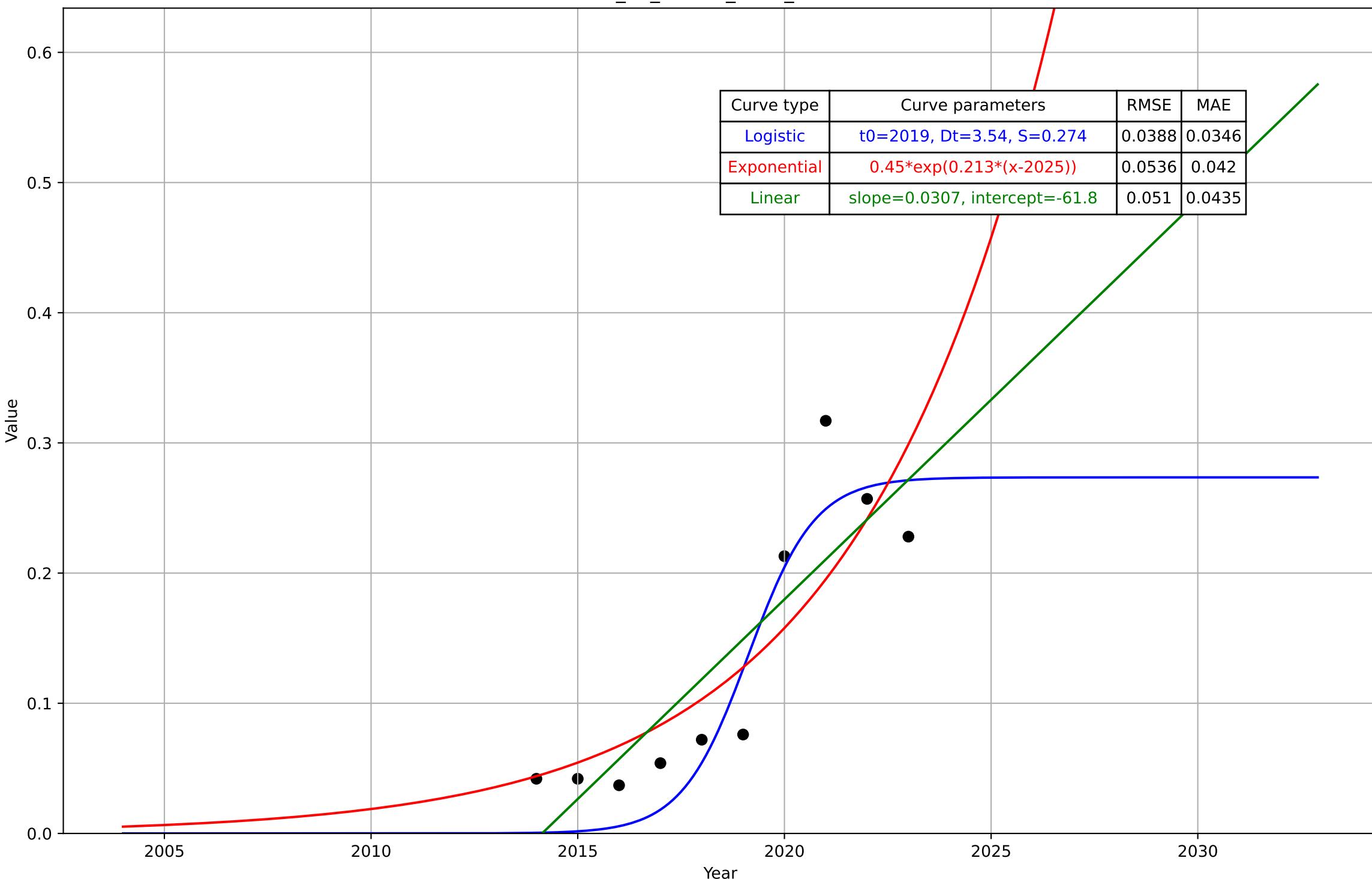
Telework
Ireland
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_ire_3.2Adc_d097_m031
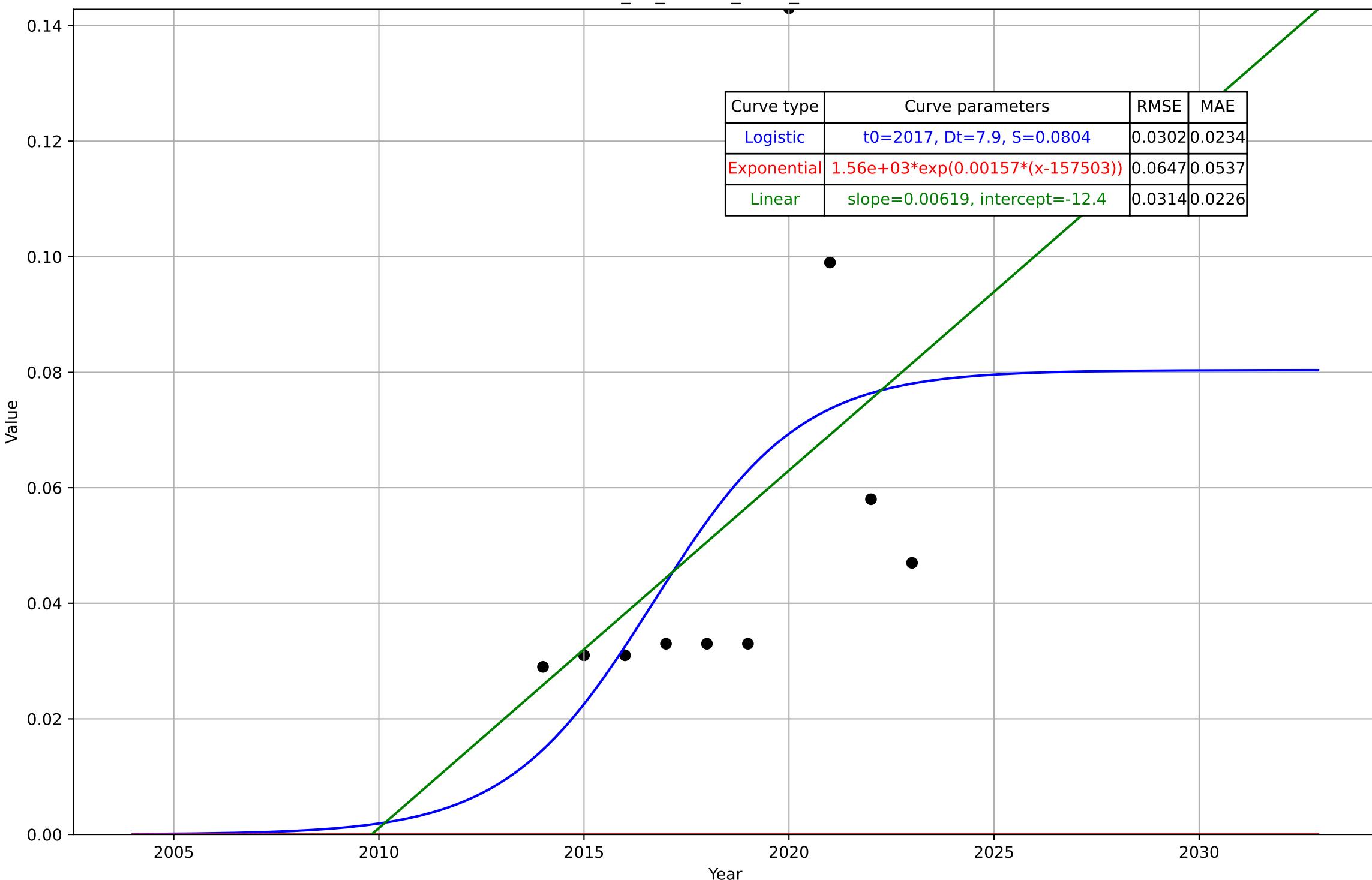
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=1.64, S=0.258	0.0403	0.0336
Exponential	0.438*exp(0.216*(x-2025))	0.0638	0.0514
Linear	slope=0.0307, intercept=-61.8	0.0591	0.0496

Telework
Ireland
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
Adopter characteristics
tel_ire_3.2Adc_d120_m033

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=3.54, S=0.274	0.0388	0.0346
Exponential	0.45*exp(0.213*(x-2025))	0.0536	0.042
Linear	slope=0.0307, intercept=-61.8	0.051	0.0435

Telework
Italy
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_ita_1.1Ado_d090_m140

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=9.73, S=0.0705	0.0239	0.0184
Exponential	1.56e+03*exp(0.00142*(x-157497))	0.0579	0.0507
Linear	slope=0.00452, intercept=-9.06	0.0247	0.0174

Telework
Italy
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_ita_3.2Adc_d097_m031

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=7.9, S=0.0804	0.0302	0.0234
Exponential	1.56e+03*exp(0.00157*(x-157503))	0.0647	0.0537
Linear	slope=0.00619, intercept=-12.4	0.0314	0.0226
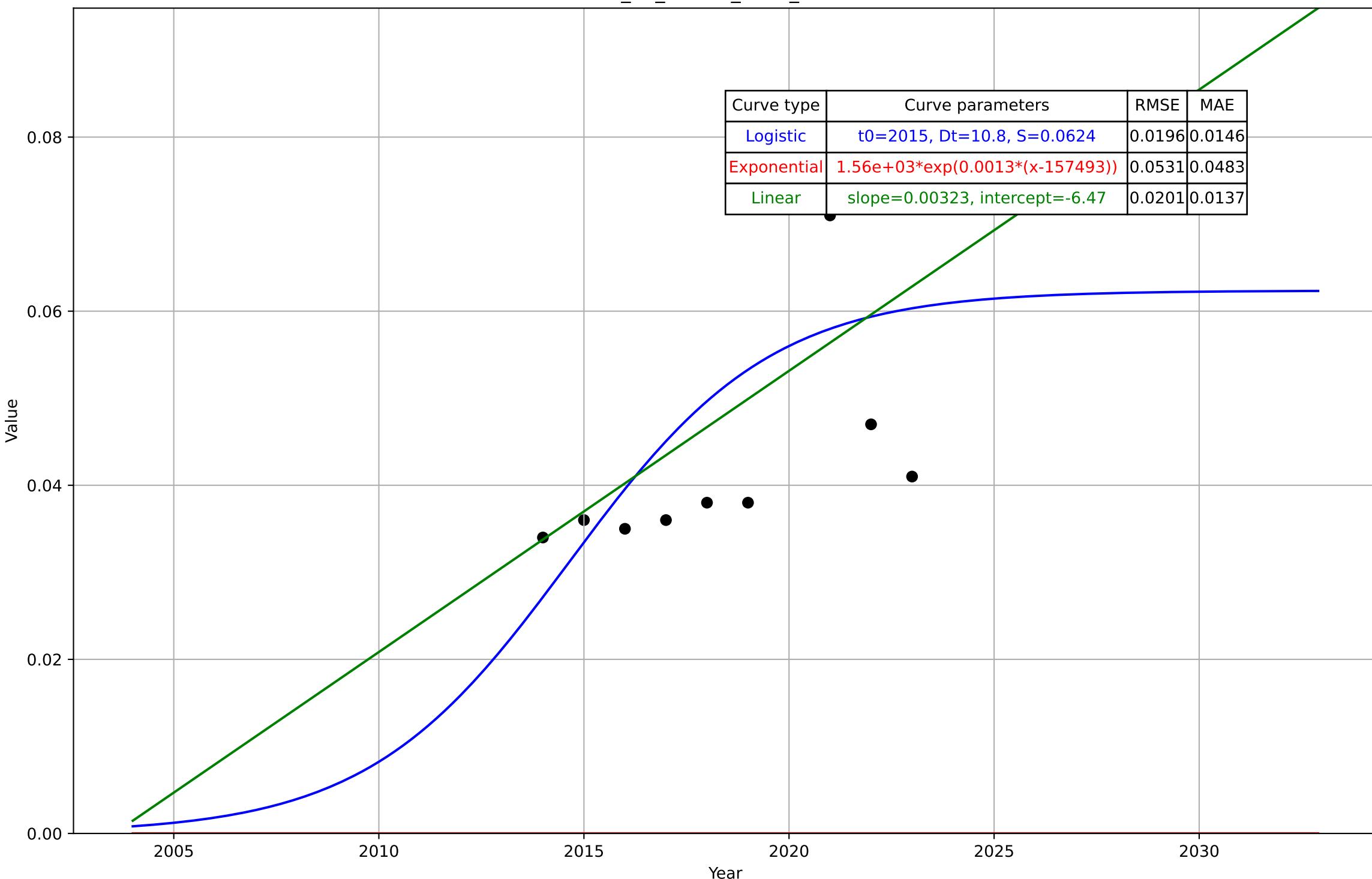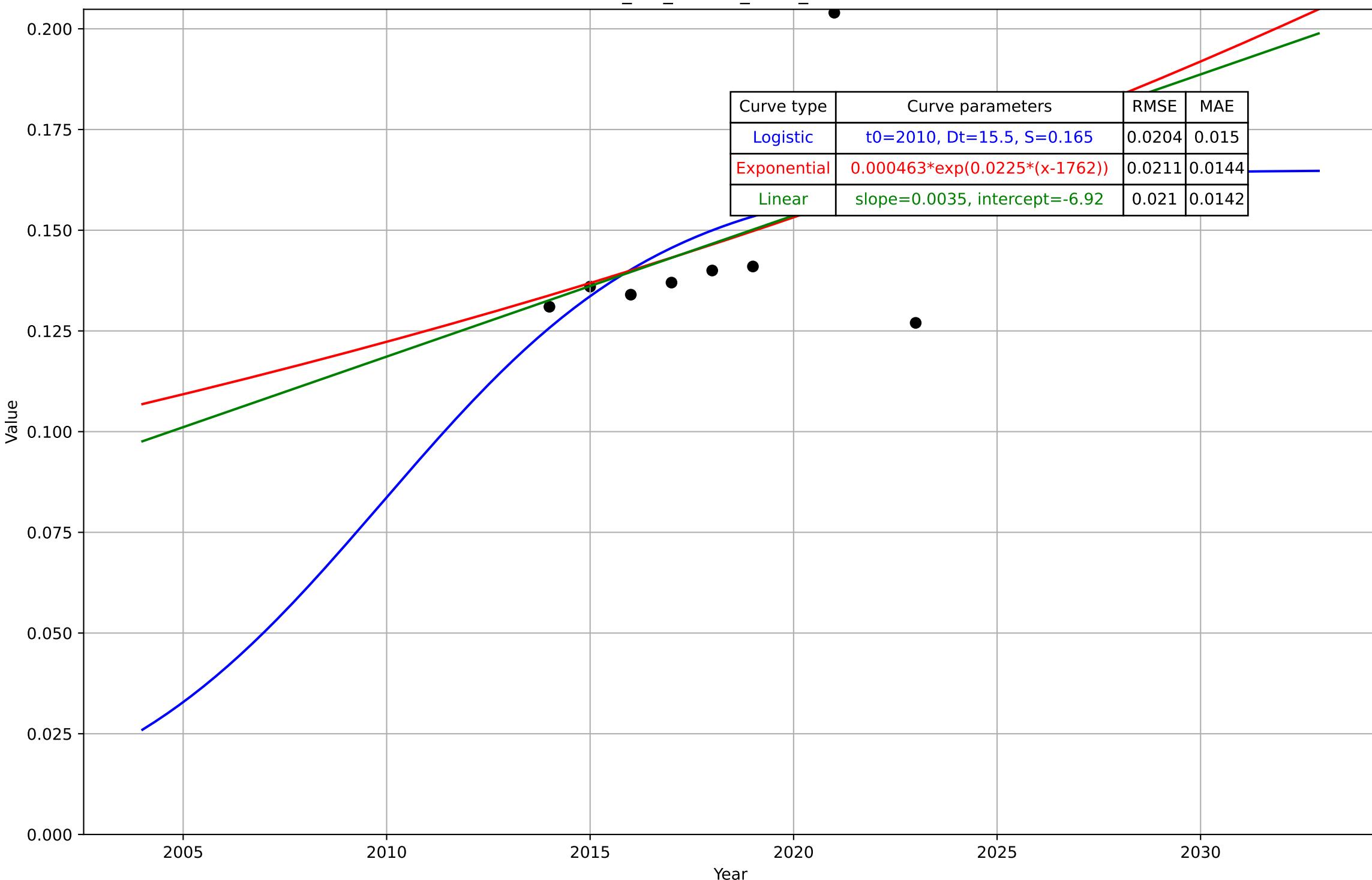
Telework
Italy
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
## Adopter characteristics
tel_ita_3.2Adc_d120_m033

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=10.8, S=0.0624	0.0196	0.0146
Exponential	1.56e+03*exp(0.0013*(x-157493))	0.0531	0.0483
Linear	slope=0.00323, intercept=-6.47	0.0201	0.0137
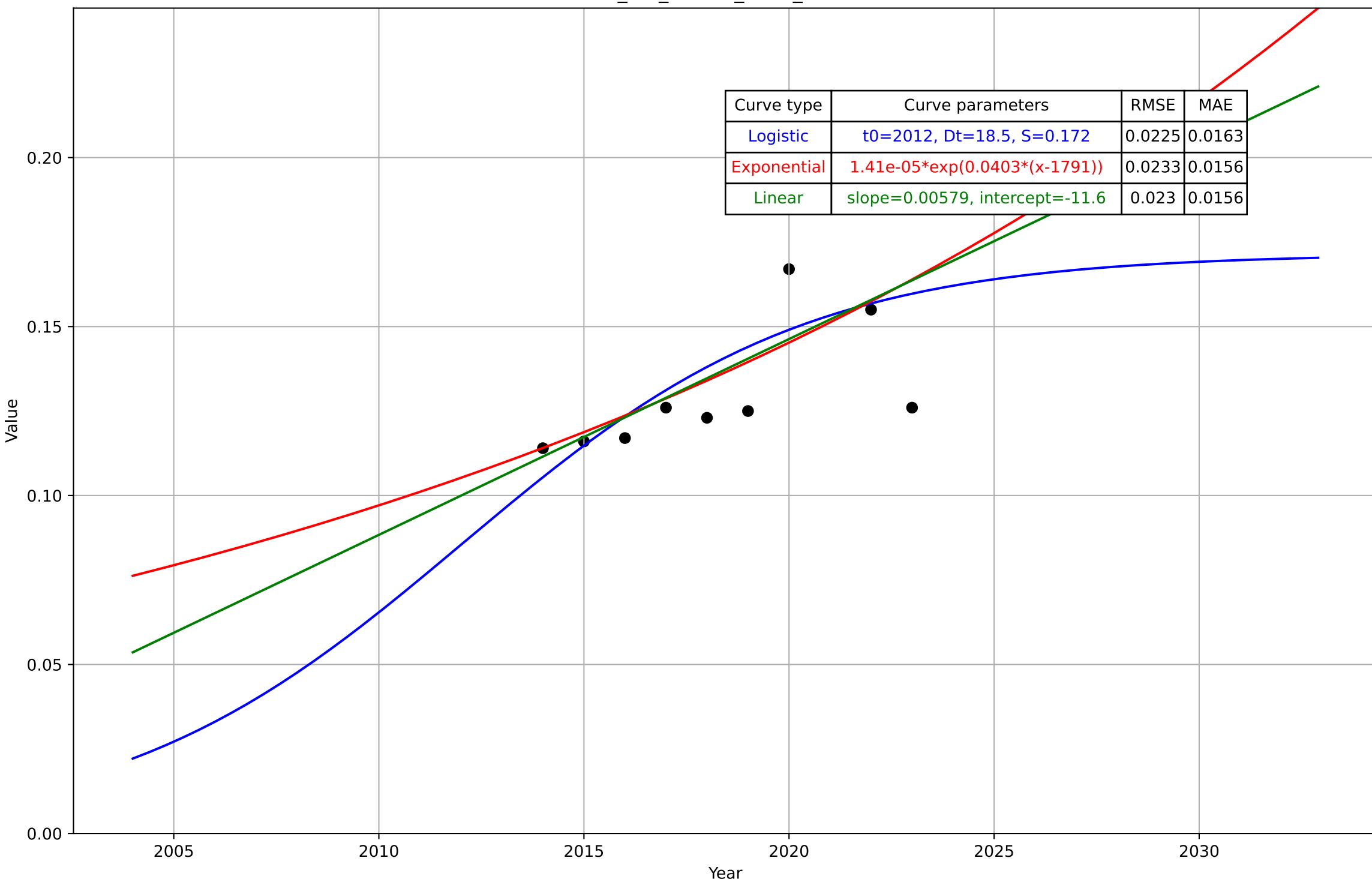
Telework
Netherlands
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_net_1.1Ado_d090_m140

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=15.5, S=0.165	0.0204	0.015
Exponential	0.000463*exp(0.0225*(x-1762))	0.0211	0.0144
Linear	slope=0.0035, intercept=-6.92	0.021	0.0142
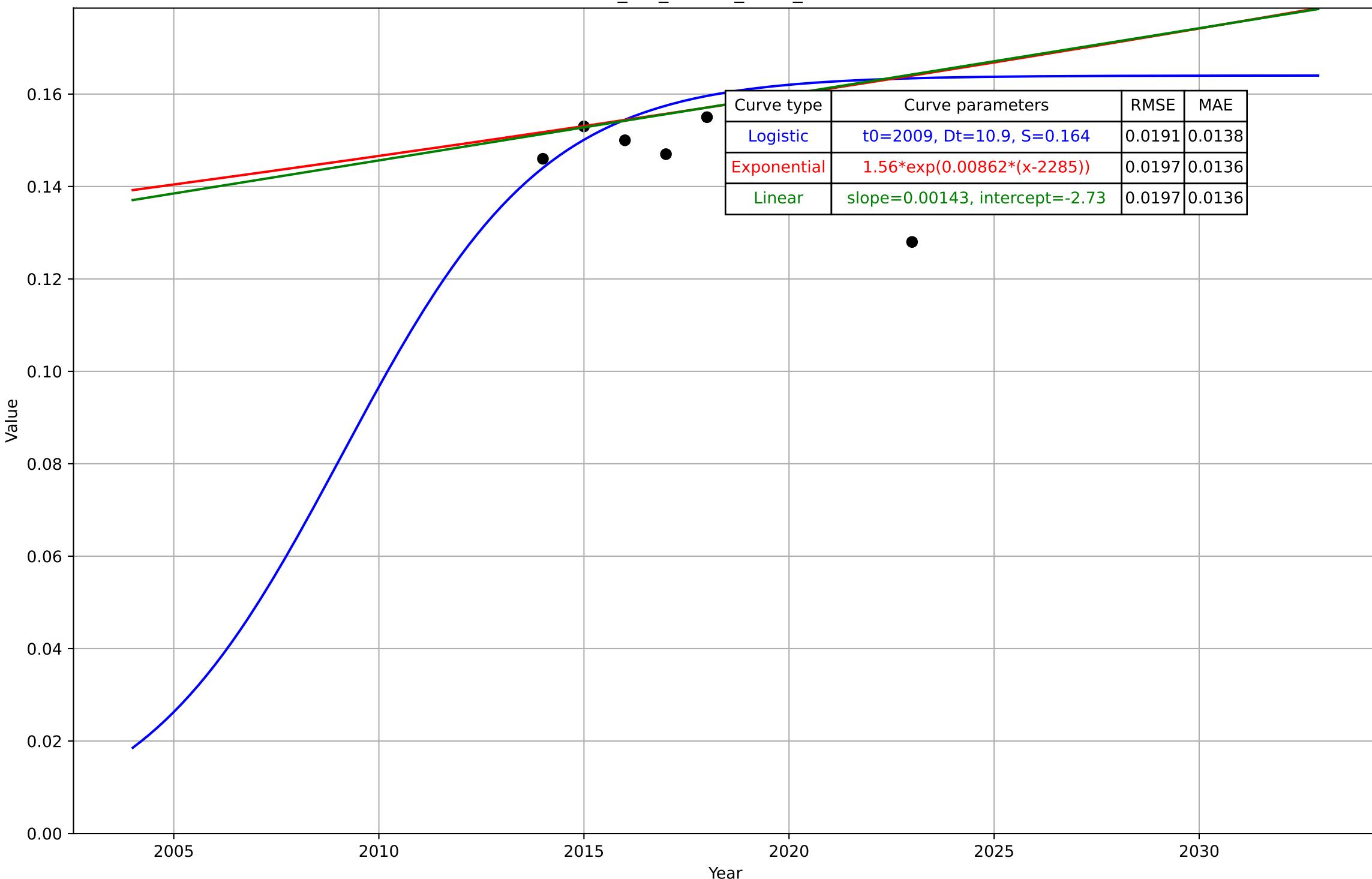
Telework
Netherlands
3.2
Female employees teleworking as a % of total female employment
% female teleworkers of total female employment
Adopter characteristics
tel_net_3.2Adc_d097_m031
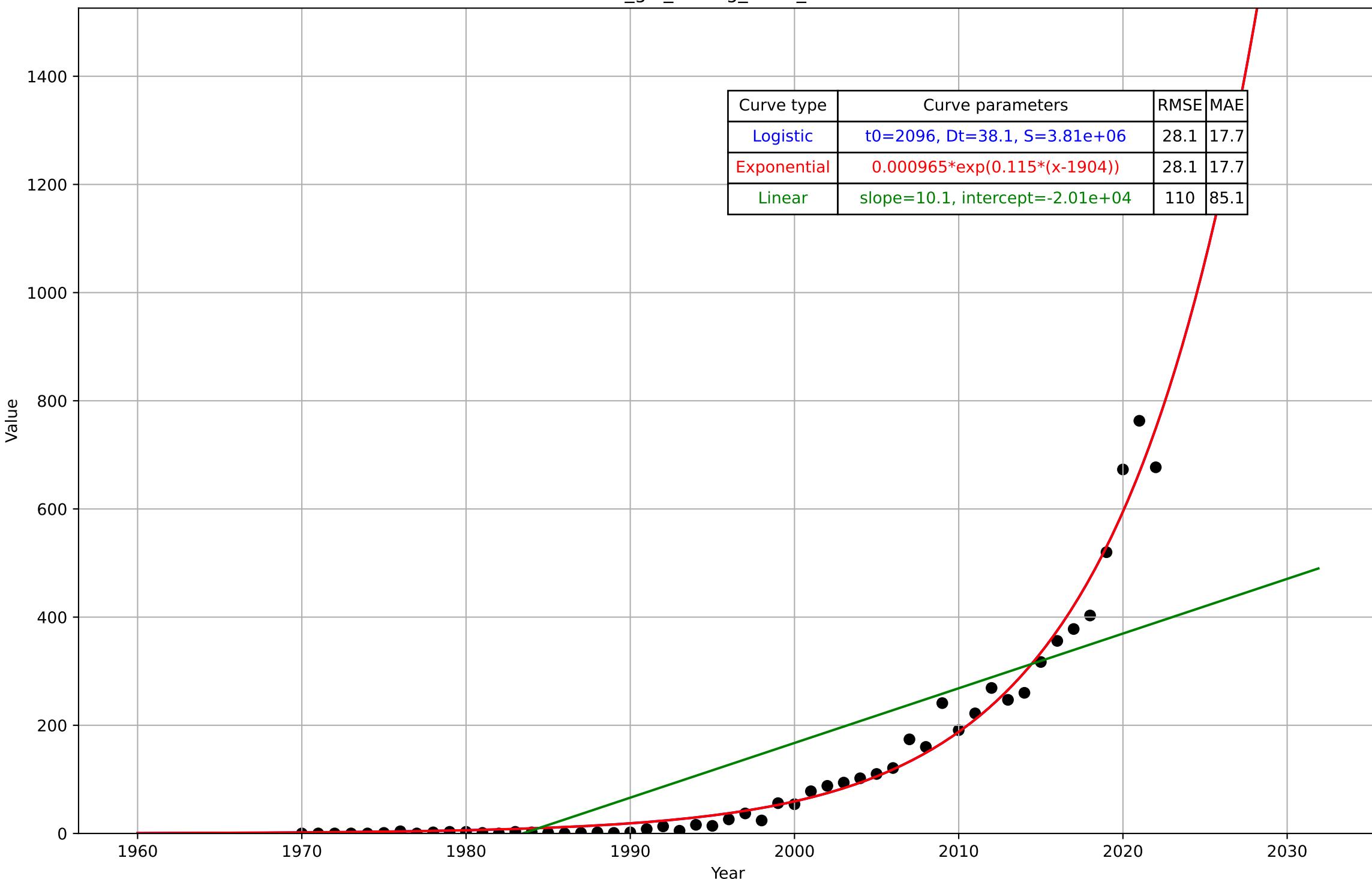
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=18.5, S=0.172	0.0225	0.0163
Exponential	1.41e-05*exp(0.0403*(x-1791))	0.0233	0.0156
Linear	slope=0.00579, intercept=-11.6	0.023	0.0156

Telework
Netherlands
3.2
Male employees teleworking as a % of total male employment
% male teleworkers of total male employment
Adopter characteristics
tel_net_3.2Adc_d120_m033

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=10.9, S=0.164	0.0191	0.0138
Exponential	1.56*exp(0.00862*(x-2285))	0.0197	0.0136
Linear	slope=0.00143, intercept=-2.73	0.0197	0.0136
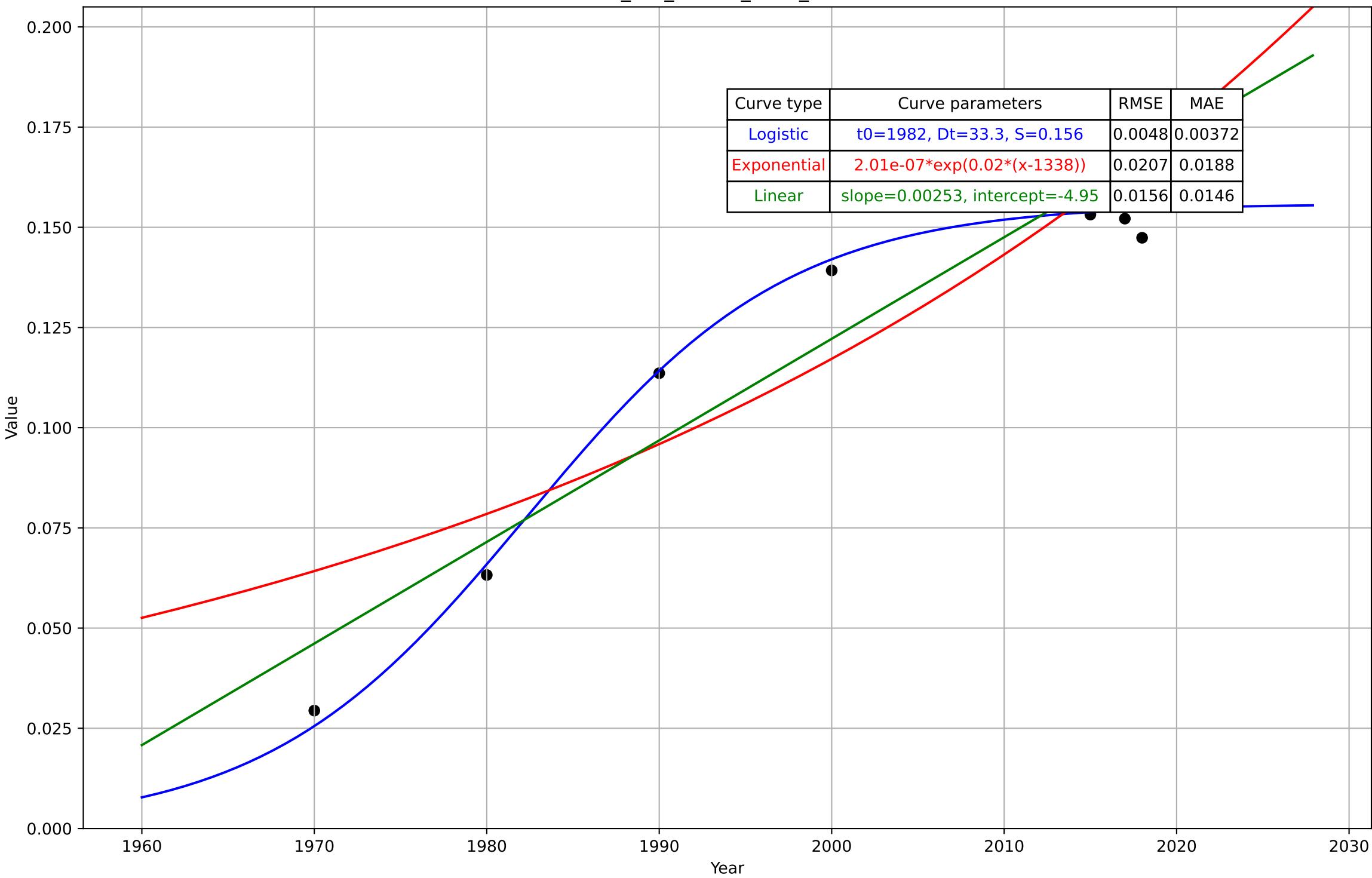
Telework
USA
1.1
Employed persons teleworking as a percentage of the total employment (%)
Percentage of total employment
Adoption over time
tel_usa_1.1Ado_d090_m140

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2133, Dt=44.1, S=1.16e+04	0.0504	0.0347
Exponential	1.56e+03*exp(0.00137*(x-157475))	0.101	0.0748
Linear	slope=0.00391, intercept=-7.78	0.0574	0.0379
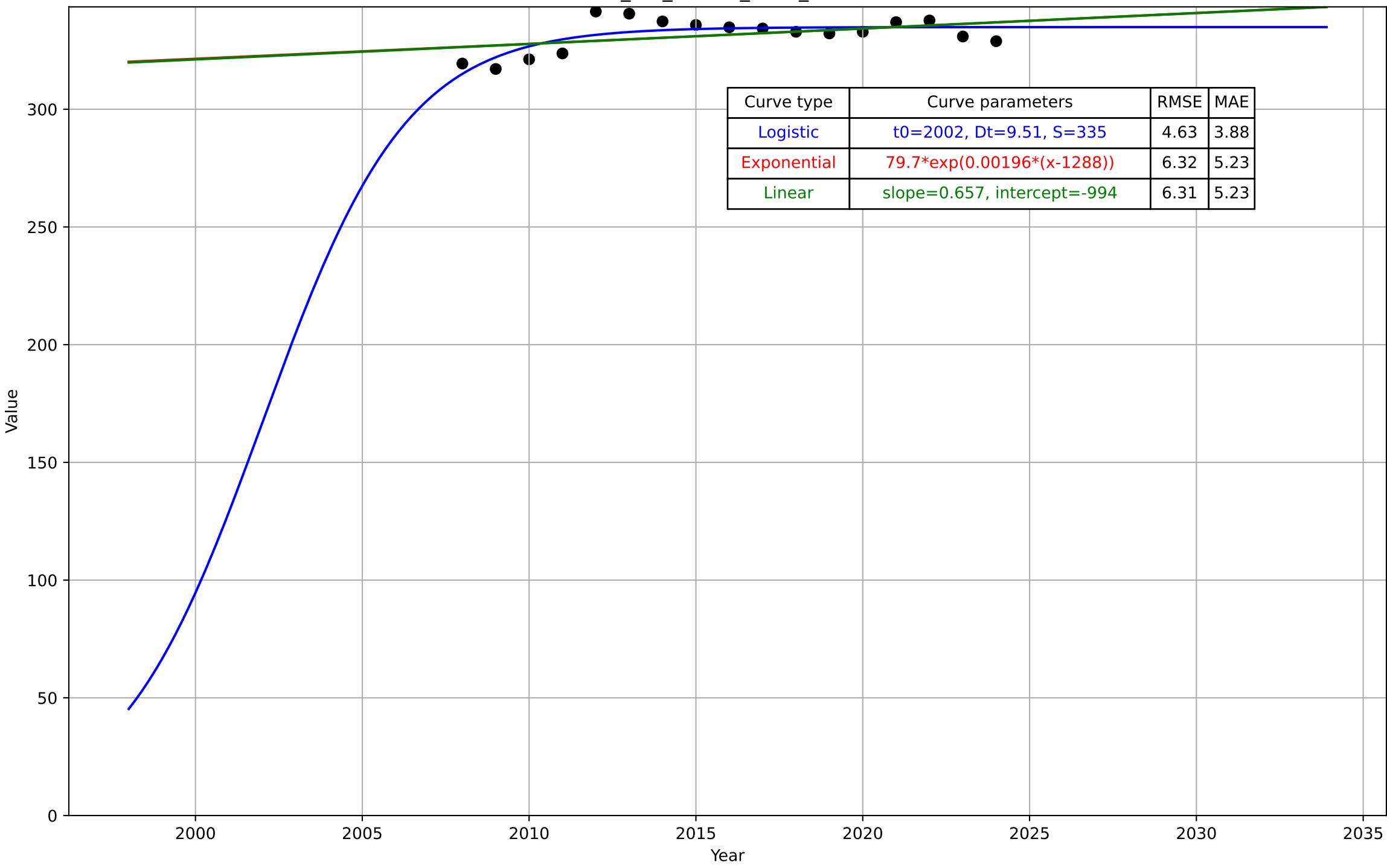
Textile recycling
Global
3.3
Scientific publications on textile waste water treatment
publications
Risk & uncertainty (shared expectations)
tex_glo_3.3Leg_d185_m019

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2096, Dt=38.1, S=3.81e+06	28.1	17.7
Exponential	0.000965*exp(0.115*(x-1904))	28.1	17.7
Linear	slope=10.1, intercept=-2.01e+04	110	85.1

Textile recycling
USA
1.1
Recycled textiles as a share of textiles generation.
%
Adoption over time
tex_usa_1.1Ado_d179_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1982, Dt=33.3, S=0.156	0.0048	0.00372
Exponential	2.01e-07*exp(0.02*(x-1338))	0.0207	0.0188
Linear	slope=0.00253, intercept=-4.95	0.0156	0.0146
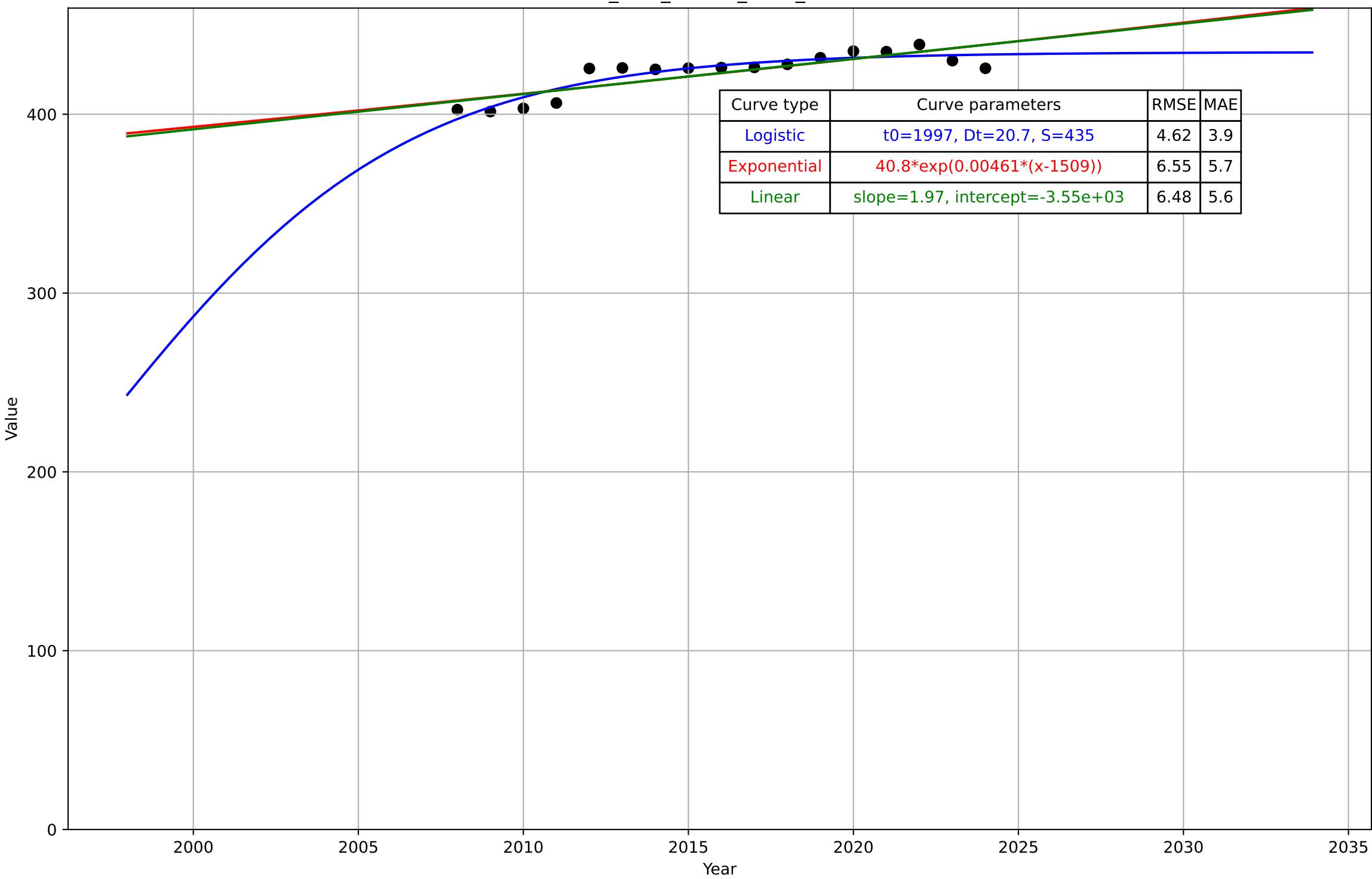
car ownership
Berlin
1.1
Berlin Car density:
2008-2024
cars per 1,000 inhabitants
Adaption over time
cro_ber_1.1Ado_d060_m098

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=9.51, S=335	4.63	3.88
Exponential	79.7*exp(0.00196*(x-1288))	6.32	5.23
Linear	slope=0.657, intercept=-994	6.31	5.23

Value

Year
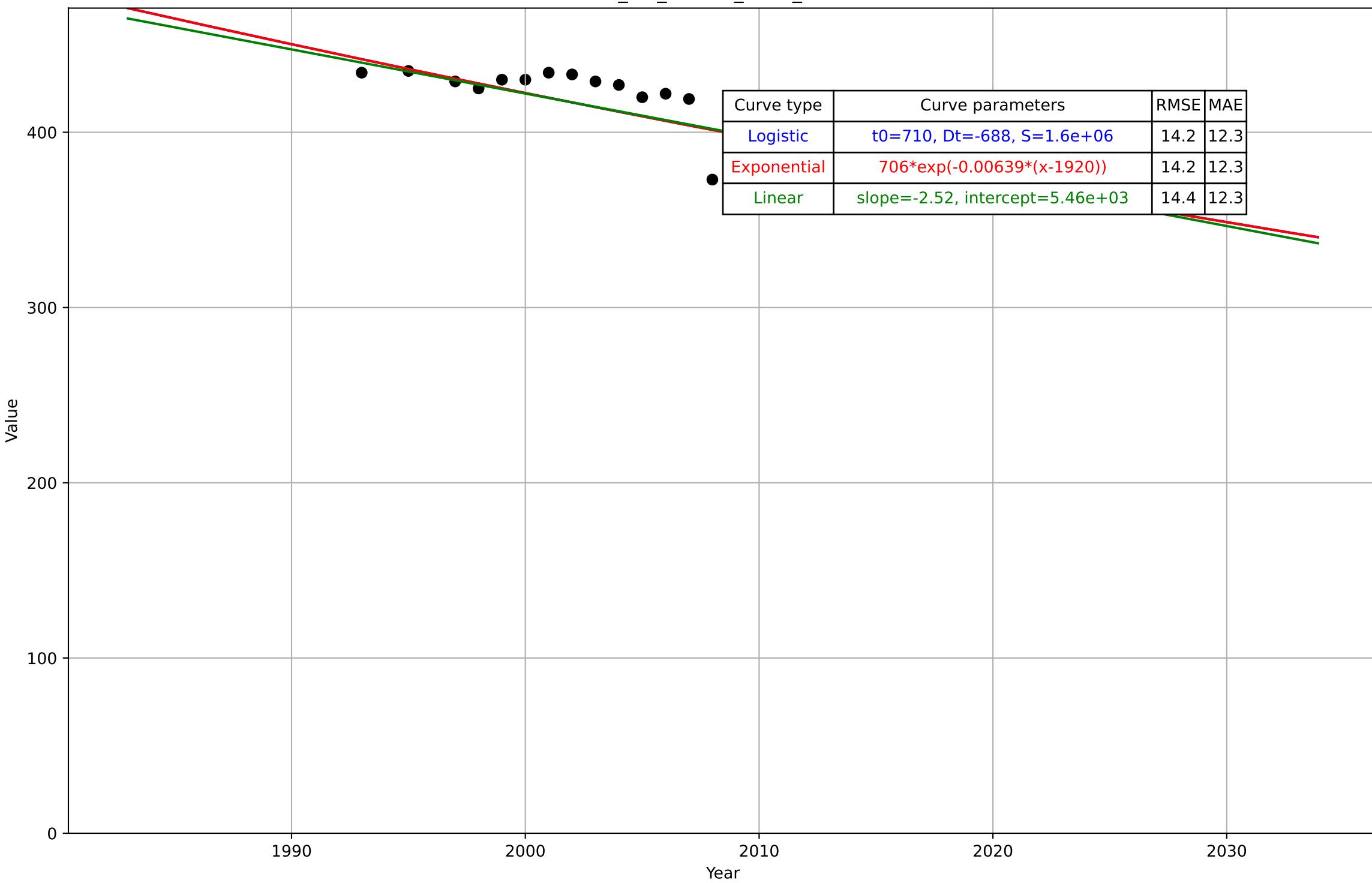
car ownership
Hamburg
1.1
Hamburg Car density 2008-2024
cars per 1,000 inhabitants
Adaption over time
cro_ham_1.1Ado_d111_m098

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1997, Dt=20.7, S=435	4.62	3.9
Exponential	40.8*exp(0.00461*(x-1509))	6.55	5.7
Linear	slope=1.97, intercept=-3.55e+03	6.48	5.6
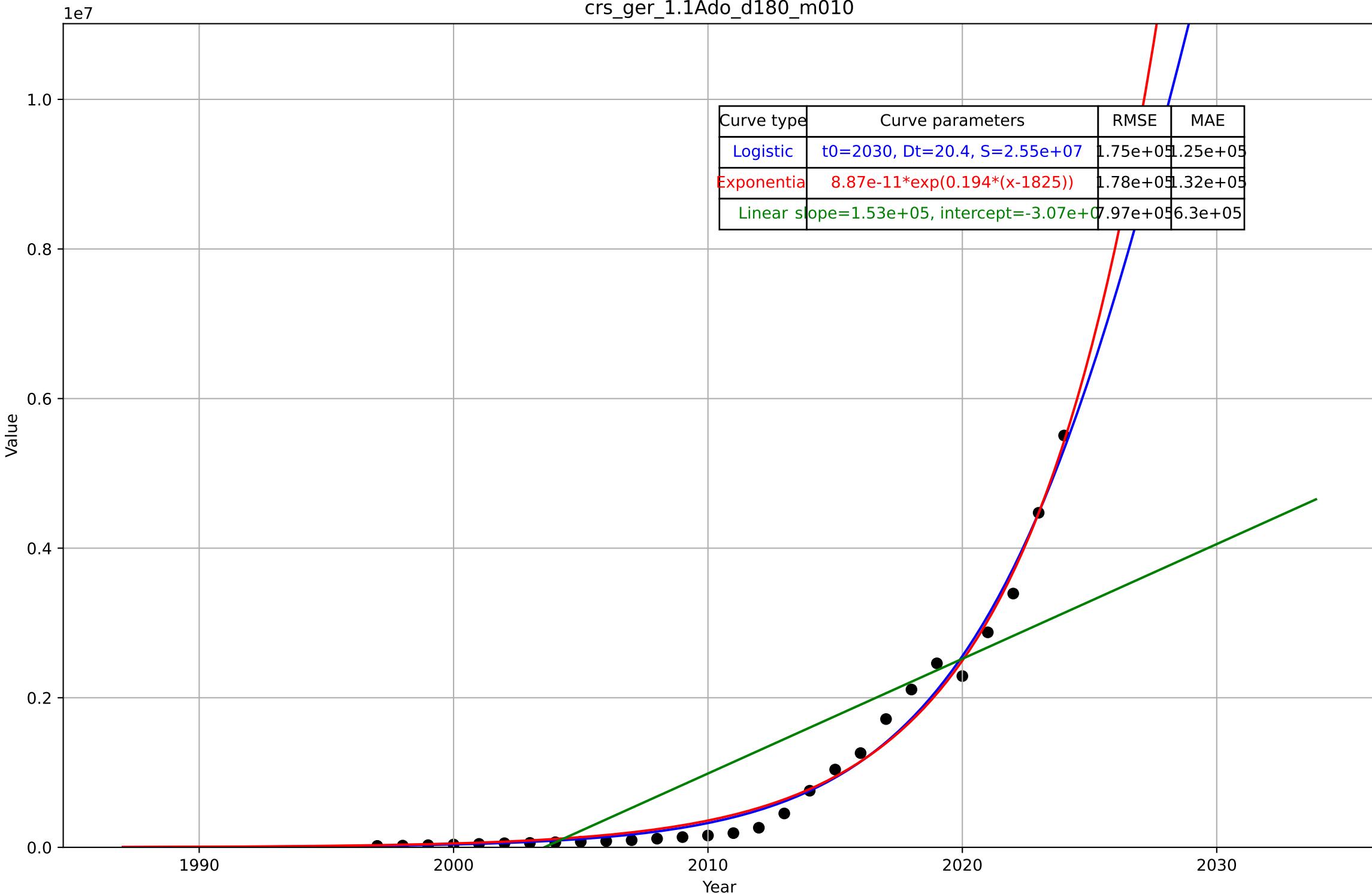
car ownership
Heidelberg
1.1
Heidelberg Car density 1993-2024
cars per 1000 inhabitants
Adaption over time
cro_hei_1.1Ado_d112_m099
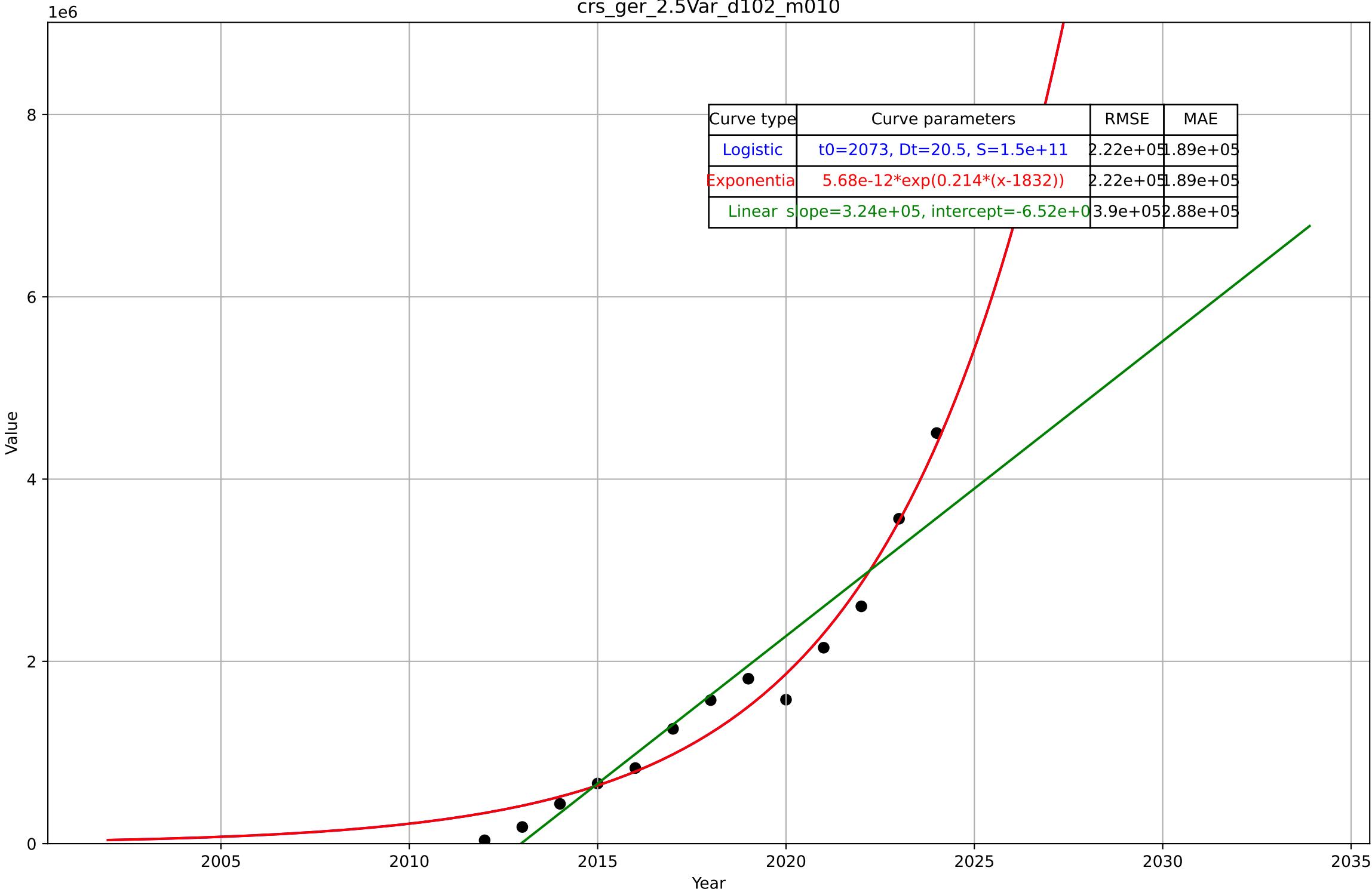
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=710, Dt=-688, S=1.6e+06	14.2	12.3
Exponential	706*exp(-0.00639*(x-1920))	14.2	12.3
Linear	slope=-2.52, intercept=5.46e+03	14.4	12.3
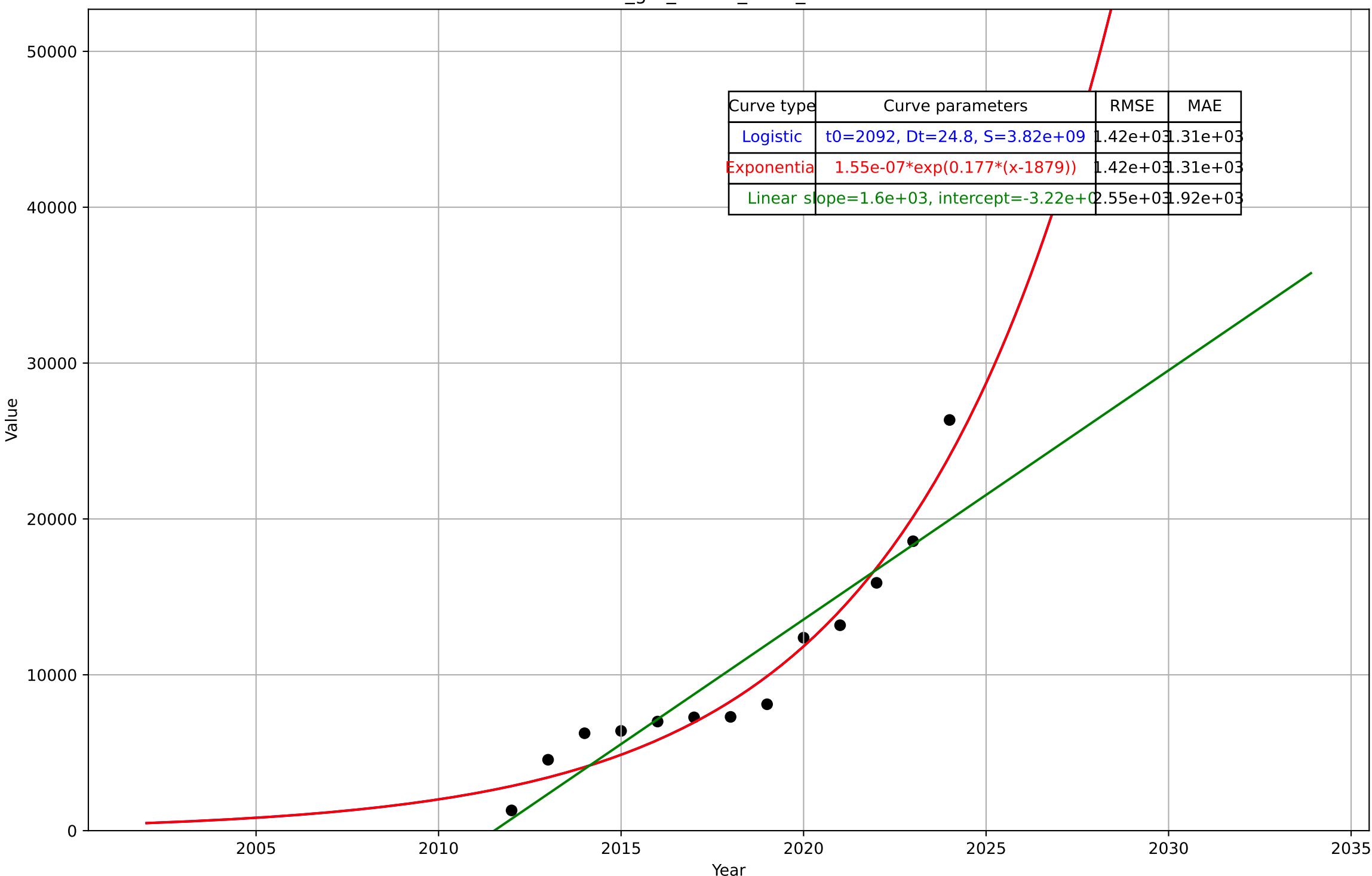
car sharing
Germany
1.1
registered drivers
drivers
Adoption over time
crs_ger_1.1Ado_d180_m010

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2030, Dt=20.4, S=2.55e+07	1.75e+05	1.25e+05
Exponential	8.87e-11*exp(0.194*(x-1825))	1.78e+05	1.32e+05
Linear	slope=1.53e+05, intercept=-3.07e+07	7.97e+05	6.3e+05
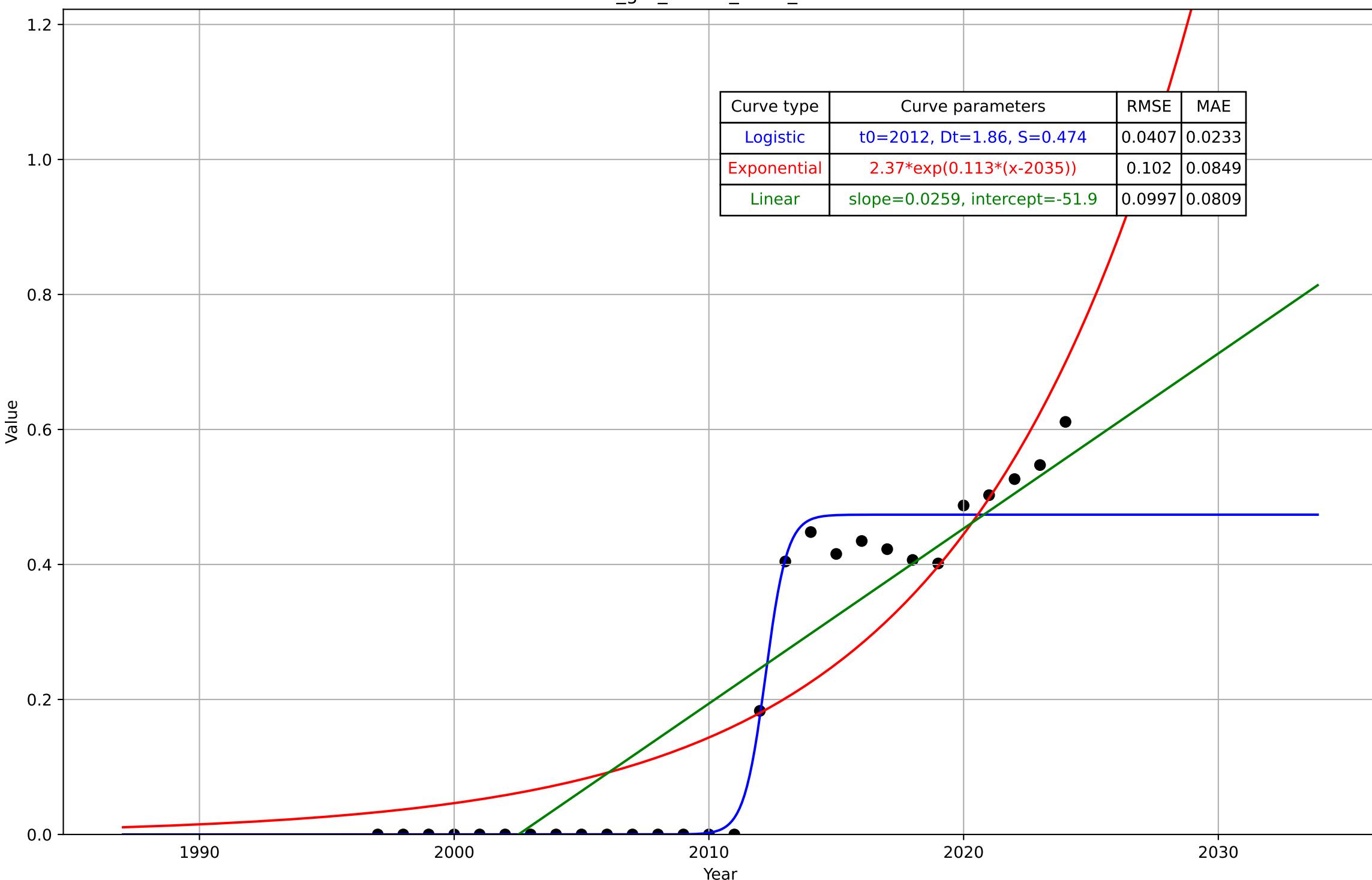
car sharing
Germany
2.5
free-floating cars - registered drivers
drivers
Choice availability
crs_ger_2.5Var_d102_m010

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2073, Dt=20.5, S=1.5e+11	2.22e+05	1.89e+05
Exponential	5.68e-12*exp(0.214*(x-1832))	2.22e+05	1.89e+05
Linear	slope=3.24e+05, intercept=-6.52e+08	3.9e+05	2.88e+05
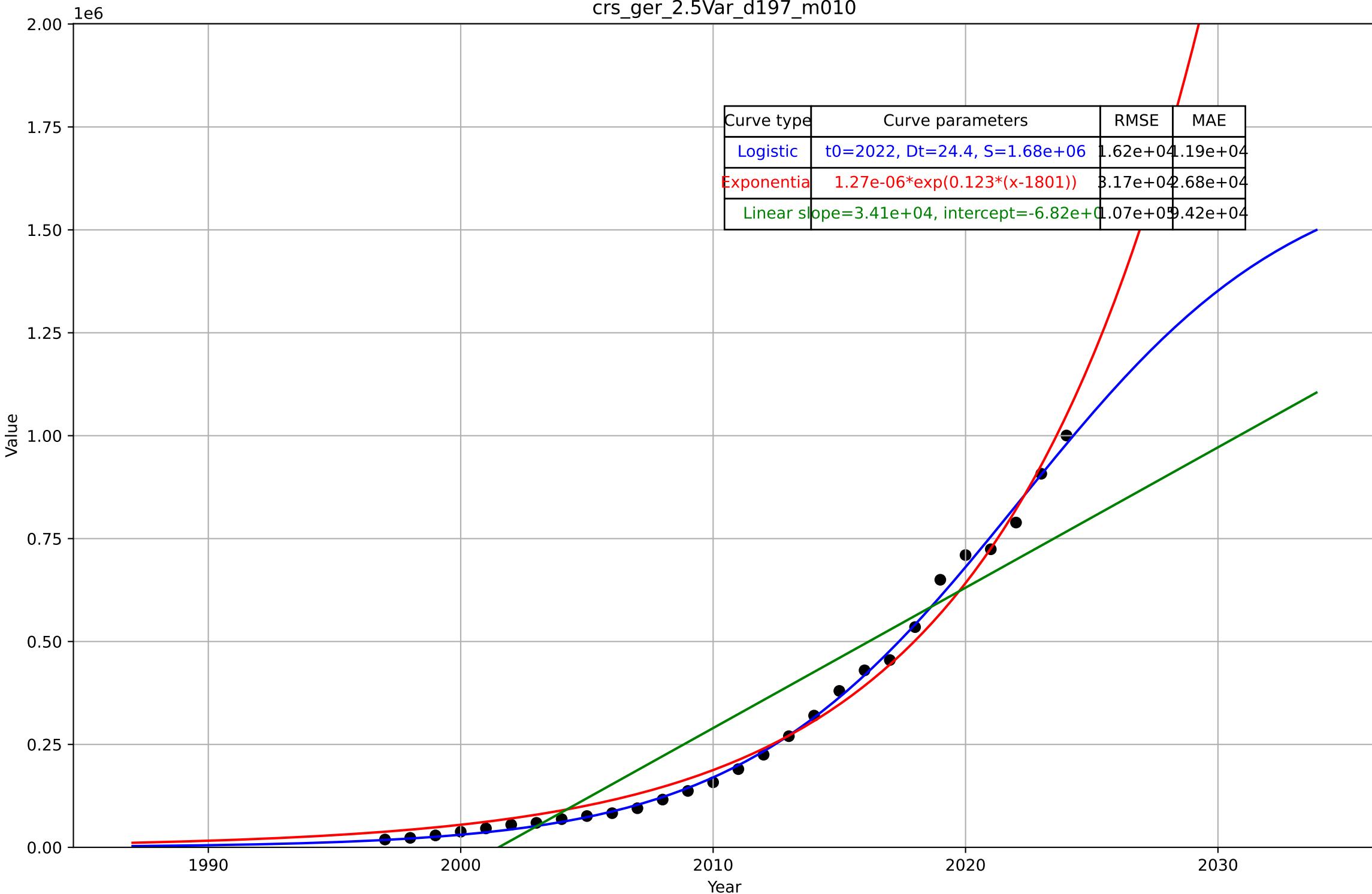
car sharing
Germany
2.5
free-floating cars - registered vehicles
vehicles
Choice availability
crs_ger_2.5Var_d103_m024

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2092, Dt=24.8, S=3.82e+09	1.42e+03	1.31e+03
Exponential	1.55e-07*exp(0.177*(x-1879))	1.42e+03	1.31e+03
Linear	slope=1.6e+03, intercept=-3.22e+0	2.55e+03	1.92e+03
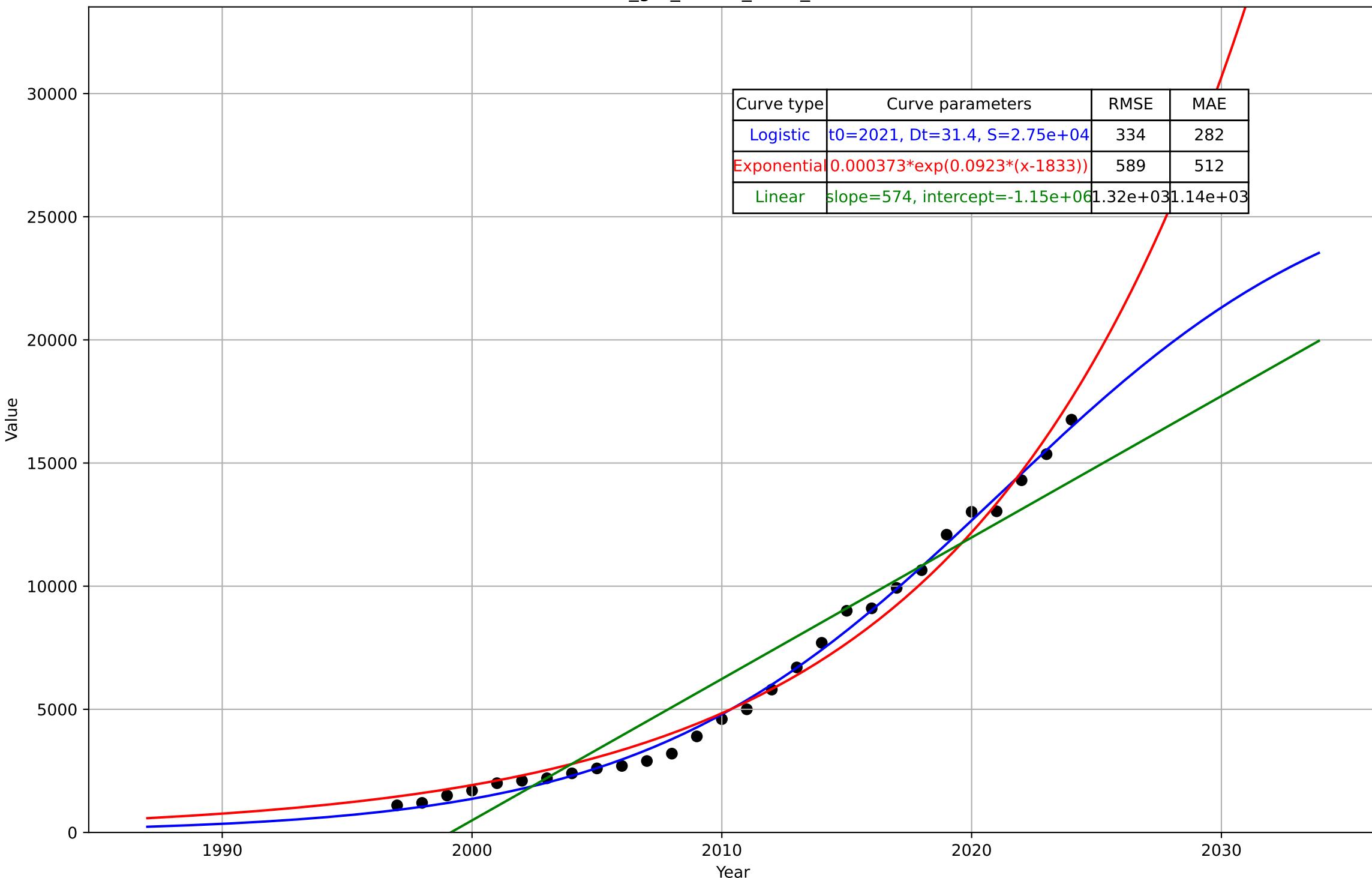
car sharing
Germany
2.5
free-floating cars as % of all shared cars
% vehicles
Choice availability
crs_ger_2.5Var_d104_m086

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=1.86, S=0.474	0.0407	0.0233
Exponential	2.37*exp(0.113*(x-2035))	0.102	0.0849
Linear	slope=0.0259, intercept=-51.9	0.0997	0.0809
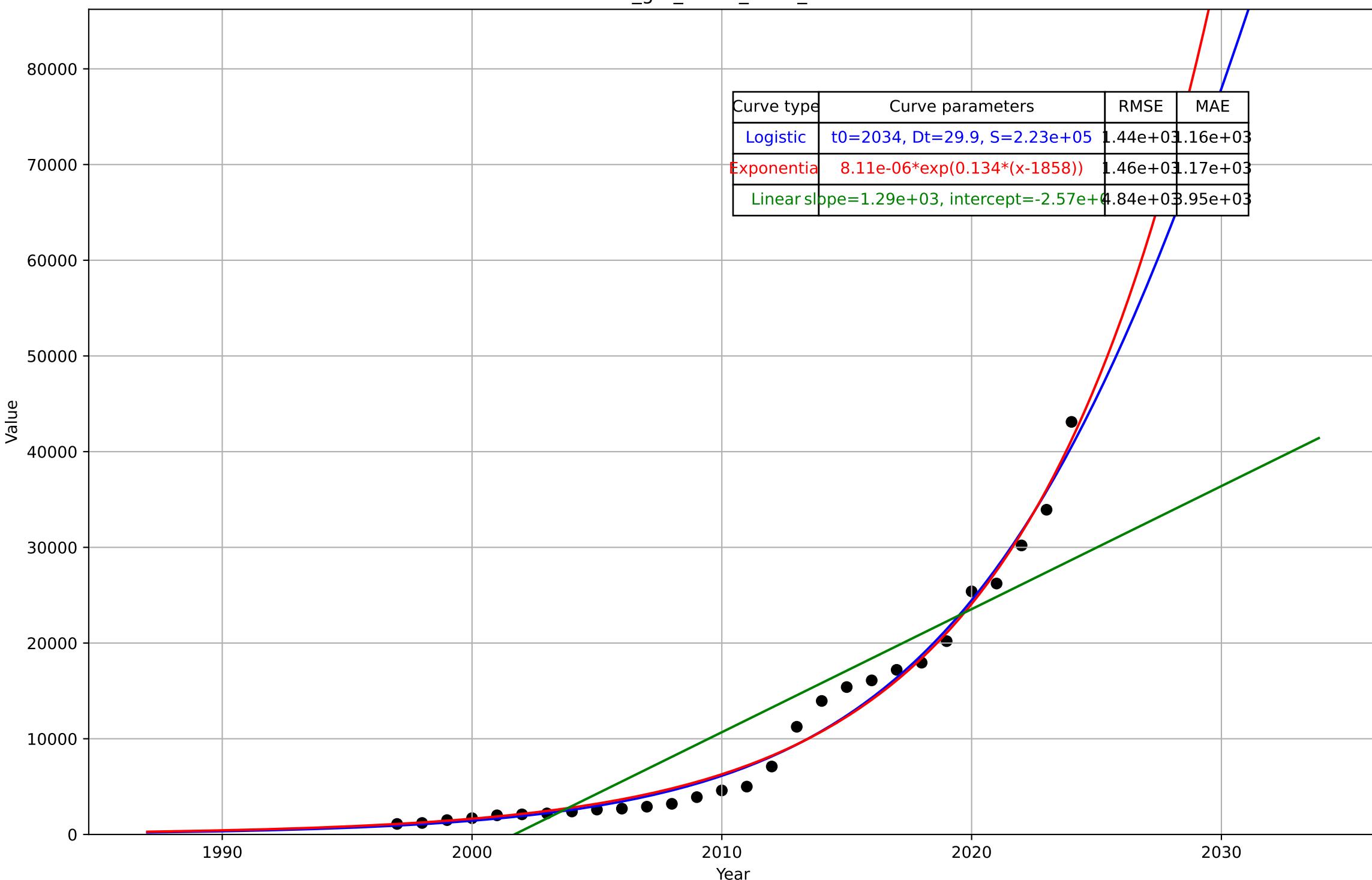
car sharing
Germany
2.5
station-based or combined - registered drivers
drivers
Choice availability
crs_ger_2.5Var_d197_m010

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=24.4, S=1.68e+06	1.62e+04	1.19e+04
Exponential	1.27e-06*exp(0.123*(x-1801))	3.17e+04	2.68e+04
Linear	slope=3.41e+04, intercept=-6.82e+07	1.07e+05	9.42e+04

car sharing
Germany
2.5
station-based or combined - registered vehicles
vehicles
Choice availability
crs_ger_2.5Var_d198_m024

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=31.4, S=2.75e+04	334	282
Exponential	0.000373*exp(0.0923*(x-1833))	589	512
Linear	slope=574, intercept=-1.15e+06	1.32e+03	1.14e+03

car sharing
Germany
2.9
shared vehicles
vehicles
Interdependence with Hardware
crs_ger_2.9Int_d195_m024

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2034, Dt=29.9, S=2.23e+05	1.44e+03	1.16e+03
Exponential	8.11e-06*exp(0.134*(x-1858))	1.46e+03	1.17e+03
Linear	slope=1.29e+03, intercept=-2.57e+06	4.84e+03	3.95e+03
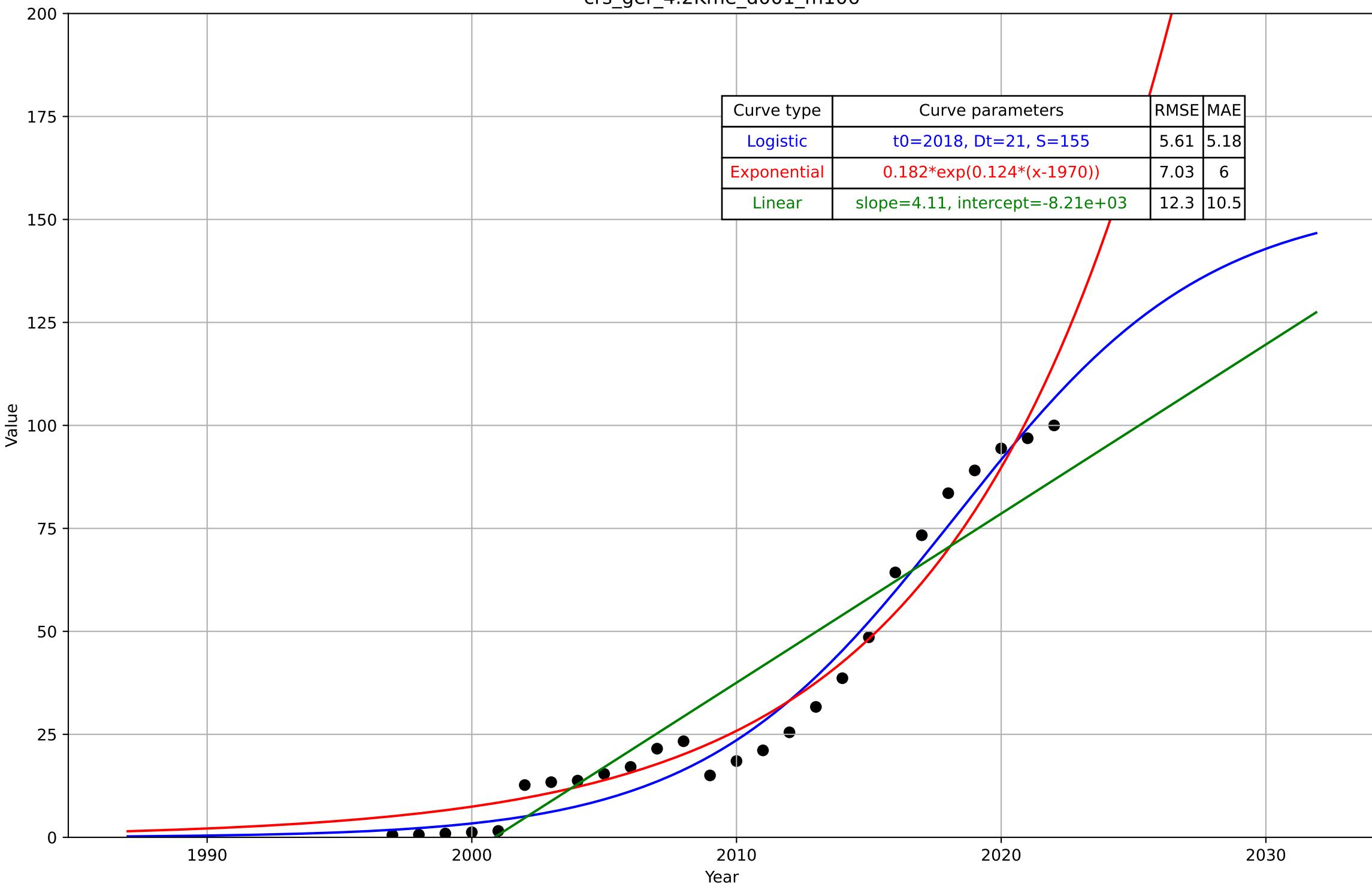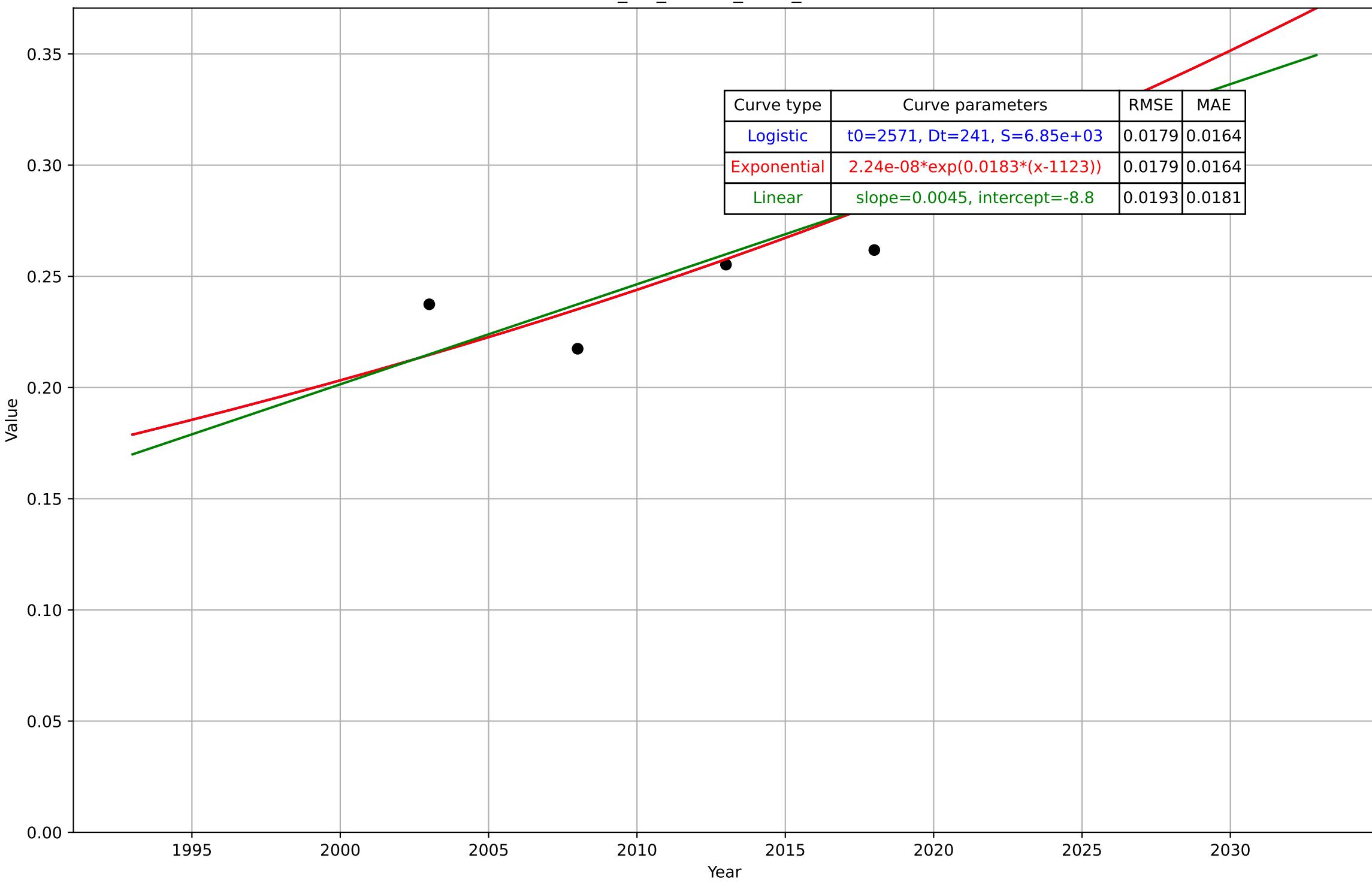
car sharing
Germany
4.2
"car sharing" mention in books
index (2022=100)
Knowledge Flows (mass media)
crs_ger_4.2Kme_d001_m106

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=21, S=155	5.61	5.18
Exponential	0.182*exp(0.124*(x-1970))	7.03	6
Linear	slope=4.11, intercept=-8.21e+03	12.3	10.5

drivers license
Stockholm
1.1
% of 18-19yr age group holding a drivers licence
% of 18-19yr olds
Adoption over Time
dri_sto_1.1Ado_d006_m042
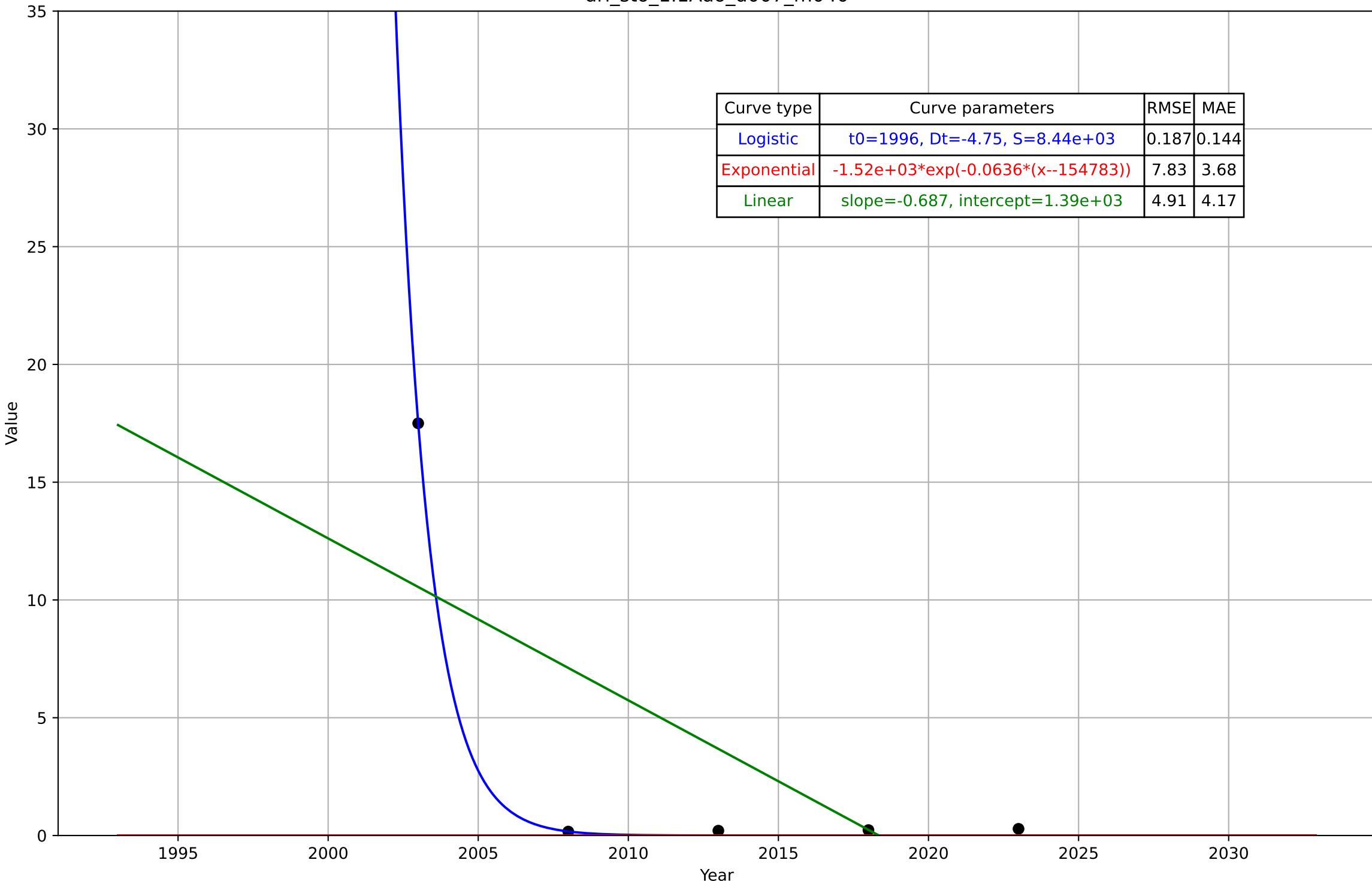
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2571, Dt=241, S=6.85e+03	0.0179	0.0164
Exponential	2.24e-08*exp(0.0183*(x-1123))	0.0179	0.0164
Linear	slope=0.0045, intercept=-8.8	0.0193	0.0181

drivers license
Stockholm
1.1
% of 18-19yr age group holding a drivers licence, by gender
% of 18-19yr old females
Adoption over Time
dri_sto_1.1Ado_d007_m040

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1996, Dt=-4.75, S=8.44e+03	0.187	0.144
Exponential	-1.52e+03*exp(-0.0636*(x--154783))	7.83	3.68
Linear	slope=-0.687, intercept=1.39e+03	4.91	4.17
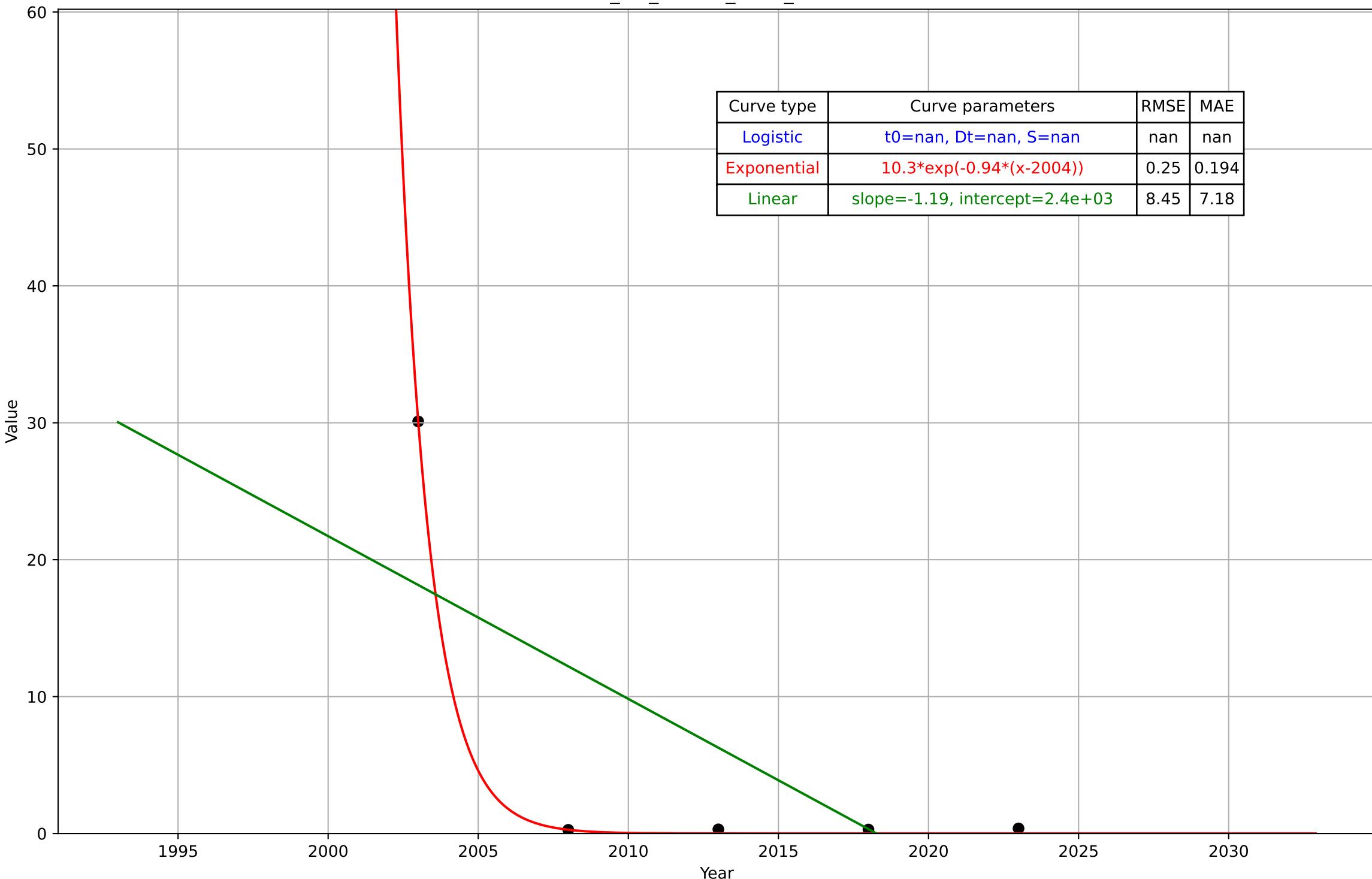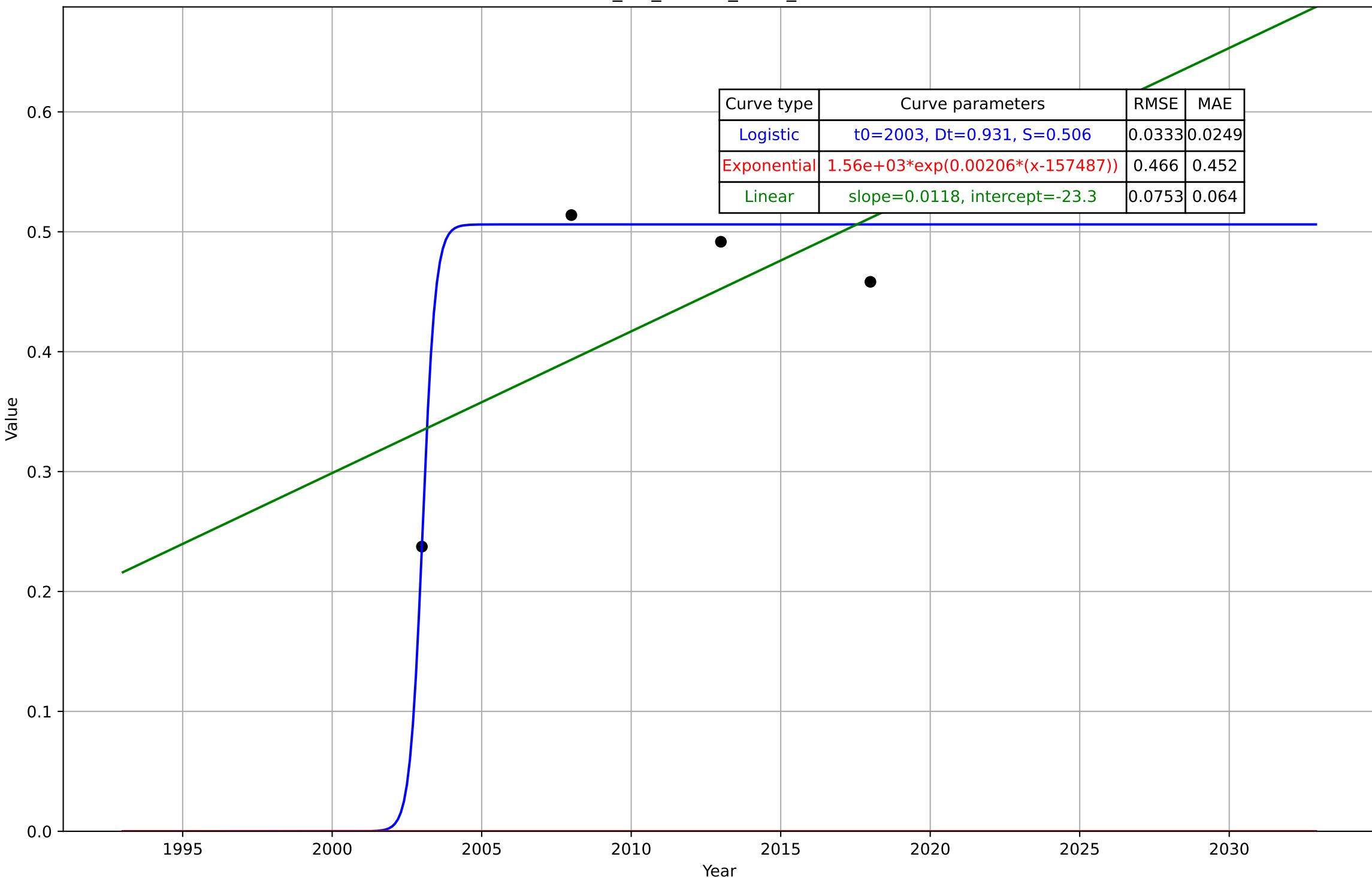
drivers license
Stockholm
1.1
% of 18-19yr age group holding a drivers licence, by gender
% of 18-19yr old males
Adoption over Time
dri_sto_1.1Ado_d007_m041

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	10.3*exp(-0.94*(x-2004))	0.25	0.194
Linear	slope=-1.19, intercept=2.4e+03	8.45	7.18
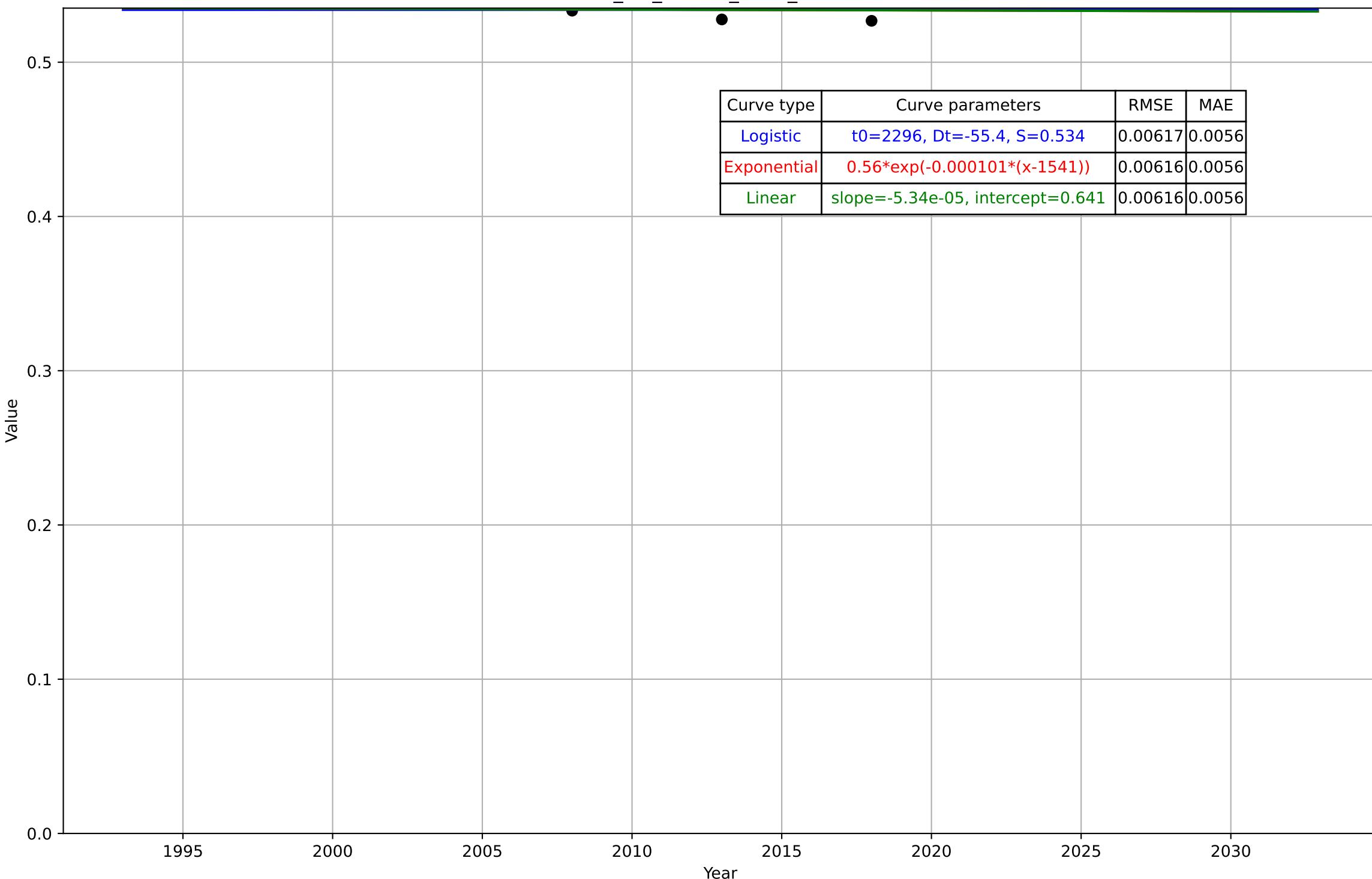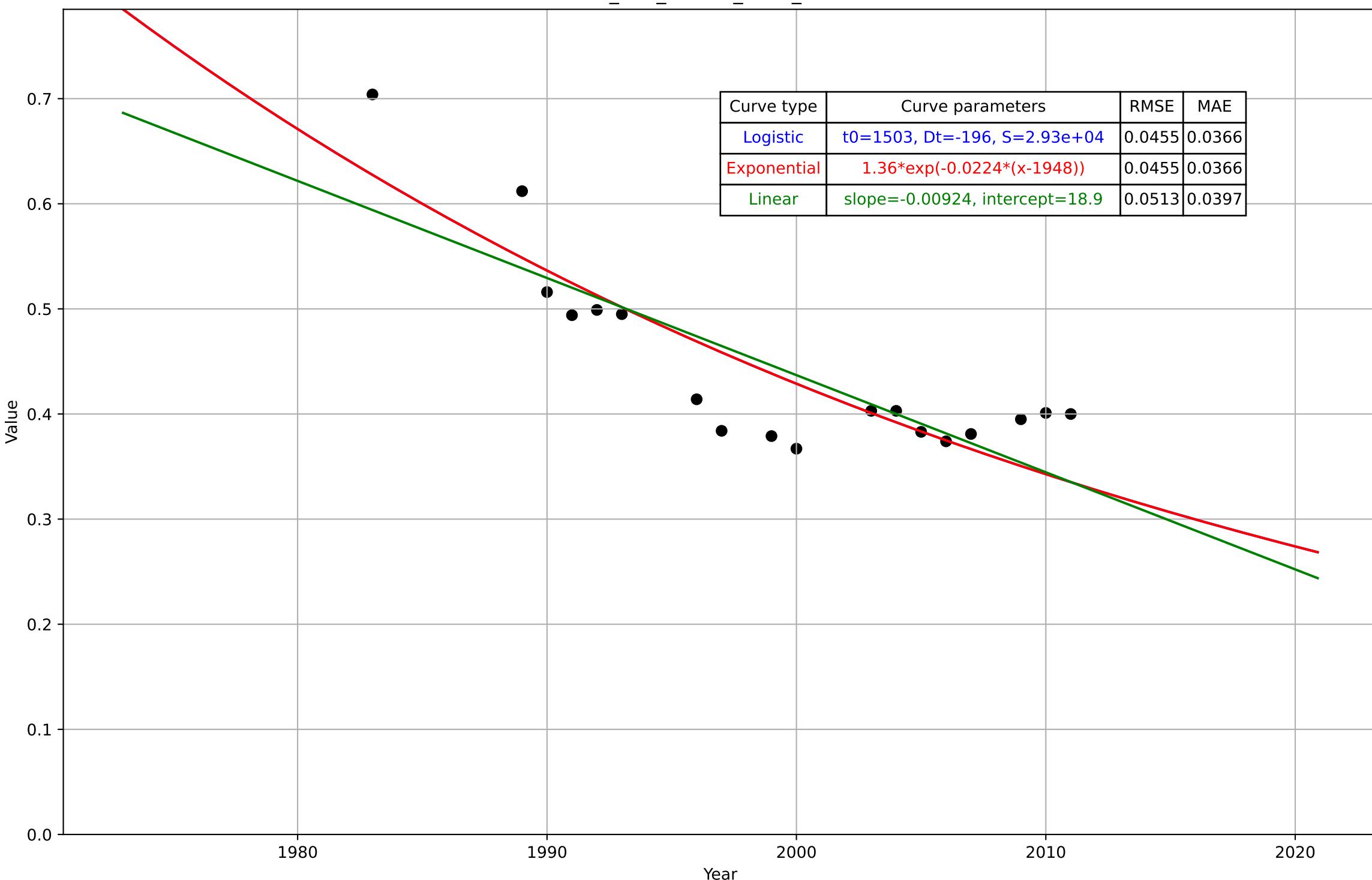
drivers license
Stockholm
1.1
% of 18-19yr age group in 2003 holding a drivers licence
% of 18-19yr olds in 2003 cohort
Adoption over Time
dri_sto_1.1Ado_d008_m043

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2003, Dt=0.931, S=0.506	0.0333	0.0249
Exponential	1.56e+03*exp(0.00206*(x-157487))	0.466	0.452
Linear	slope=0.0118, intercept=-23.3	0.0753	0.064
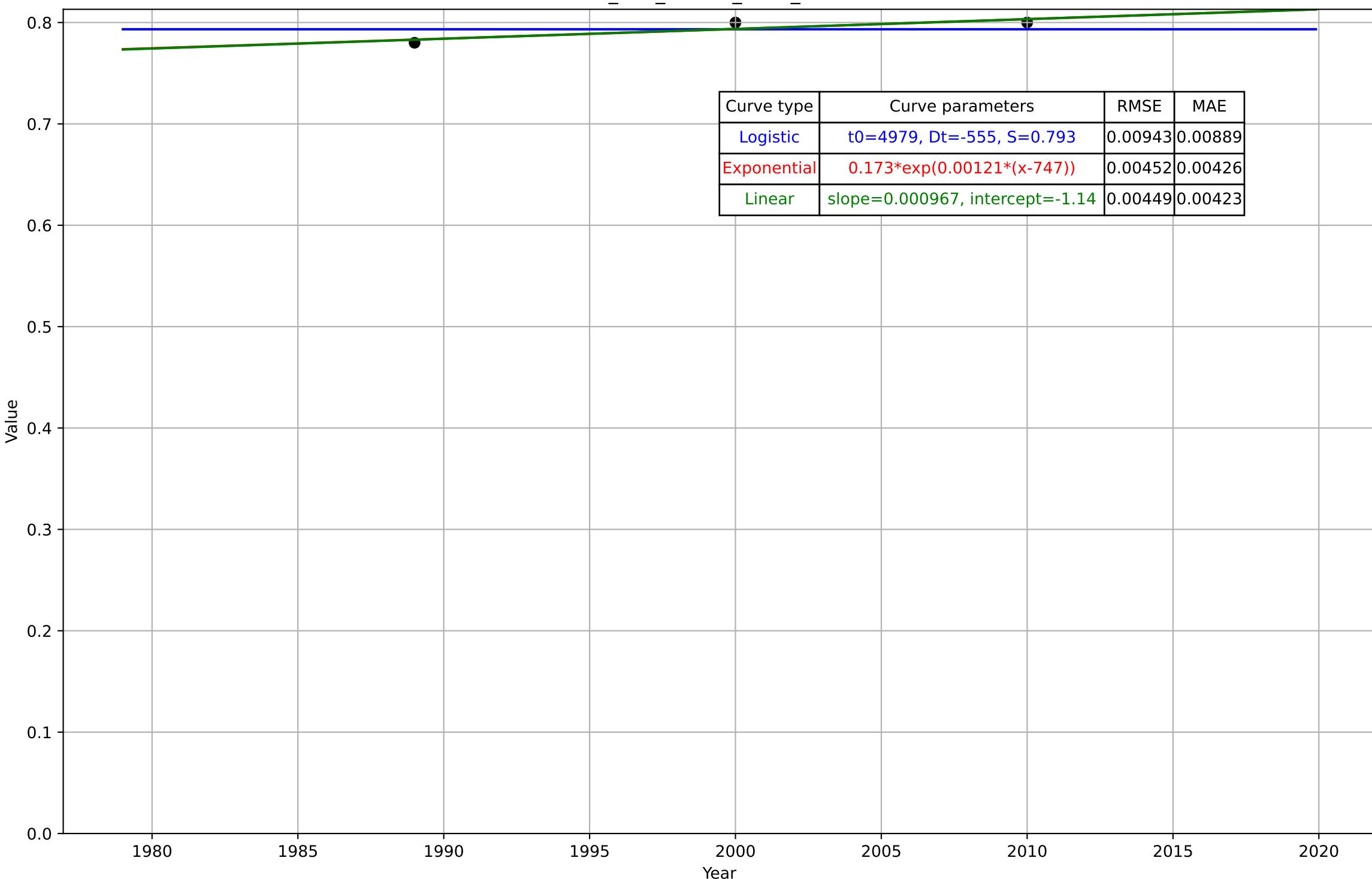
drivers license
Stockholm
1.1
% of population holding a drivers licence
% of population
Adoption over Time
dri_sto_1.1Ado_d030_m066

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2296, Dt=-55.4, S=0.534	0.00617	0.0056
Exponential	0.56*exp(-0.000101*(x-1541))	0.00616	0.0056
Linear	slope=-5.34e-05, intercept=0.641	0.00616	0.0056

Value

Year
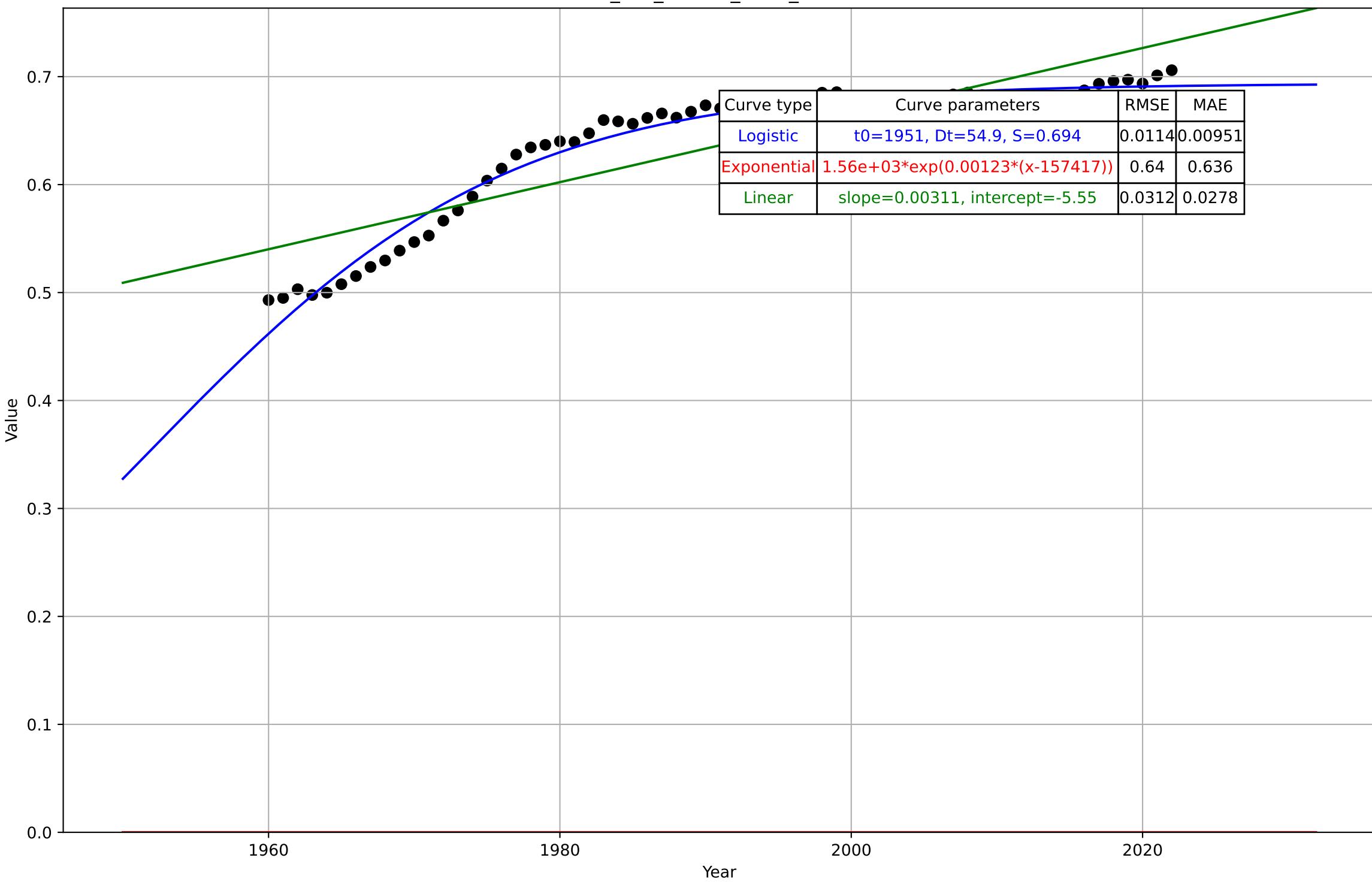
drivers license
Sweden
1.1
% of 18-19yr age group holding a drivers licence
% of 18-19yr age group
Adoption over Time
dri_swe_1.1Ado_d006_m039

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1503, Dt=-196, S=2.93e+04	0.0455	0.0366
Exponential	1.36*exp(-0.0224*(x-1948))	0.0455	0.0366
Linear	slope=-0.00924, intercept=18.9	0.0513	0.0397

drivers license
Sweden
1.1
% of population holding a drivers licence
% of population
Adoption over Time
dri_swe_1.1Ado_d030_m066

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=4979, Dt=-555, S=0.793	0.00943	0.00889
Exponential	0.173*exp(0.00121*(x-747))	0.00452	0.00426
Linear	slope=0.000967, intercept=-1.14	0.00449	0.00423

drivers license
US
1.1
% of population (residents) holding a drivers licence
% of population
Adoption over time
dri_usa_1.1Ado_d029_m066

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1951, Dt=54.9, S=0.694	0.0114	0.00951
Exponential	1.56e+03*exp(0.00123*(x-157417))	0.64	0.636
Linear	slope=0.00311, intercept=-5.55	0.0312	0.0278
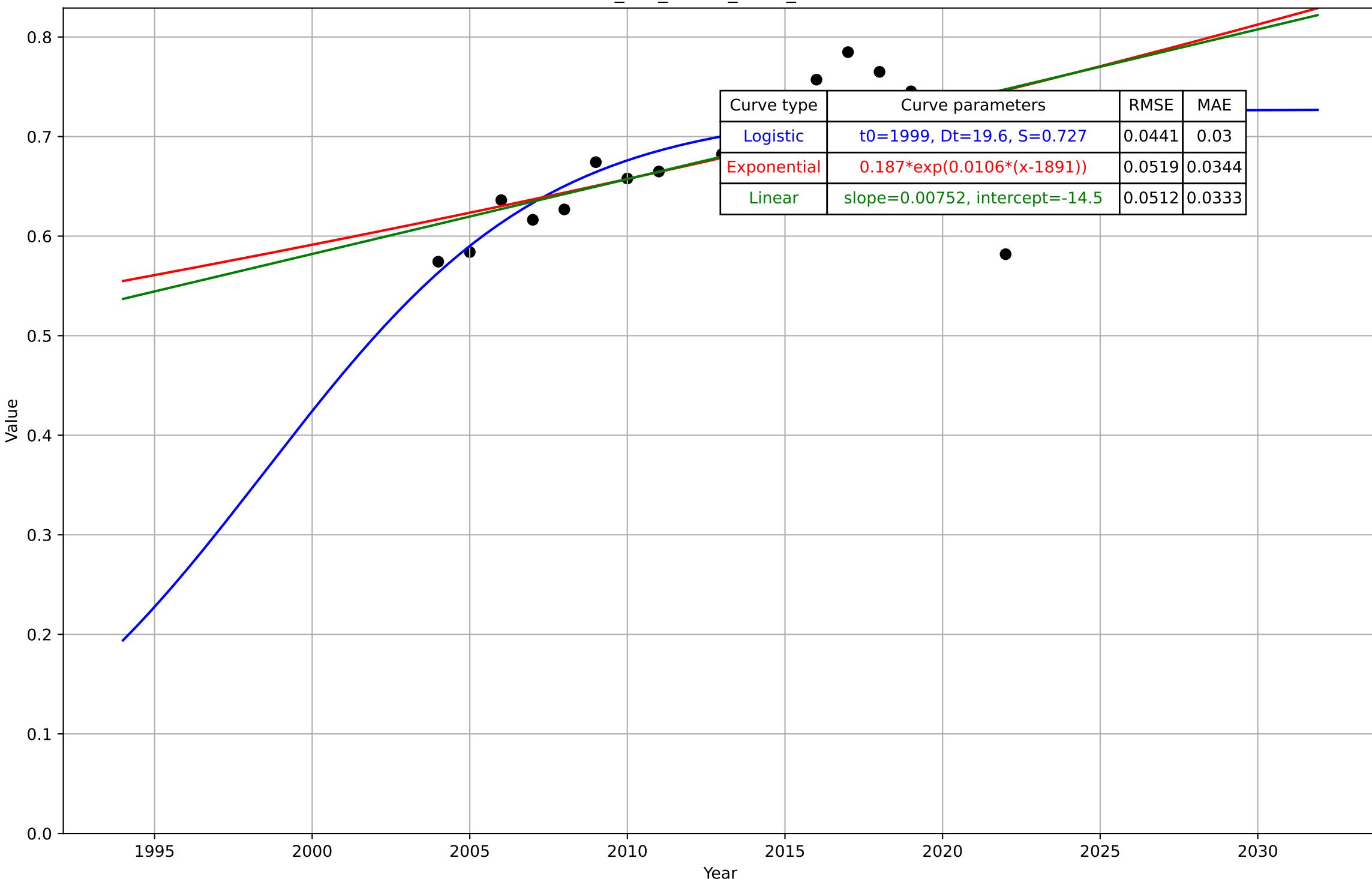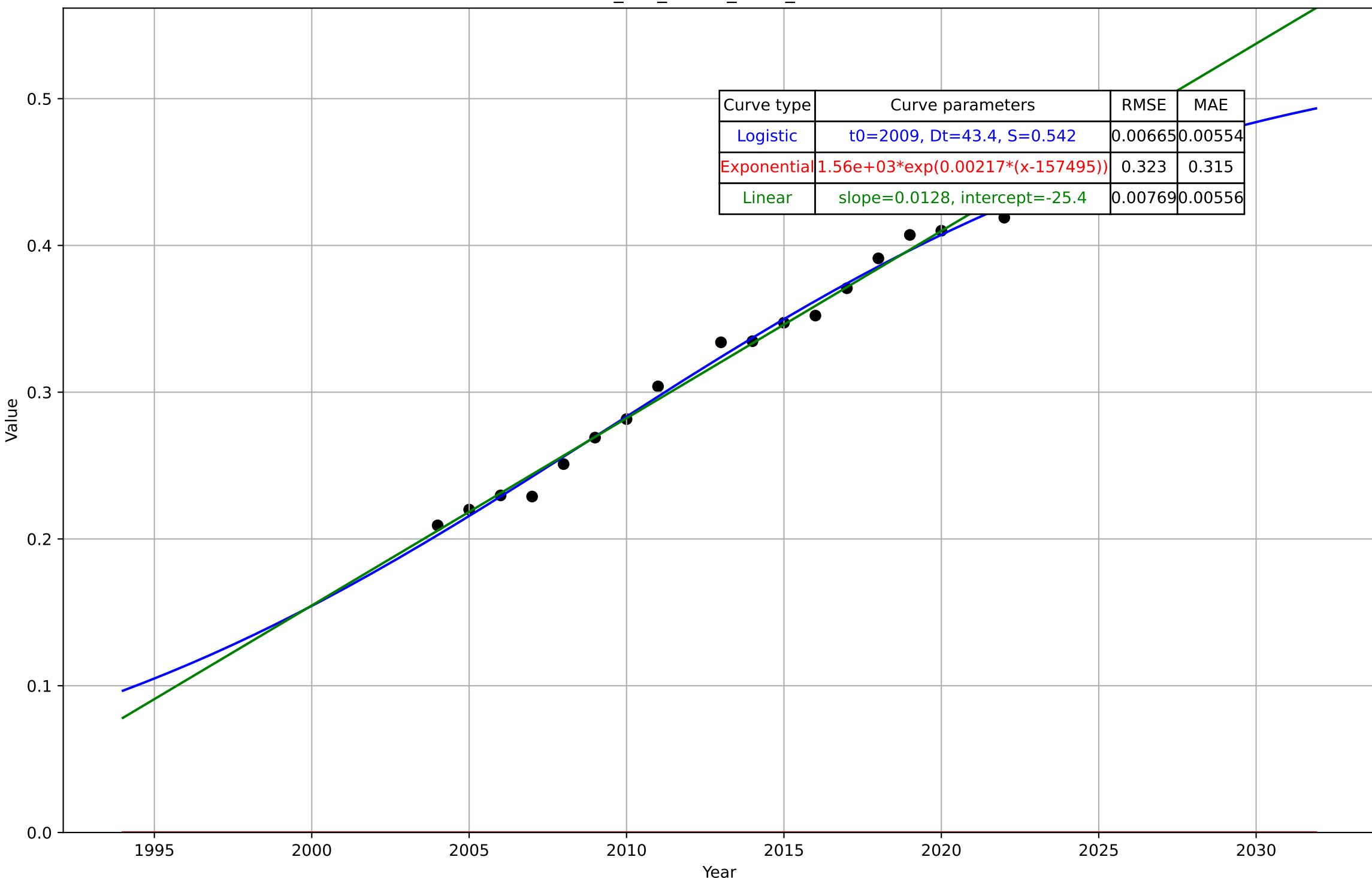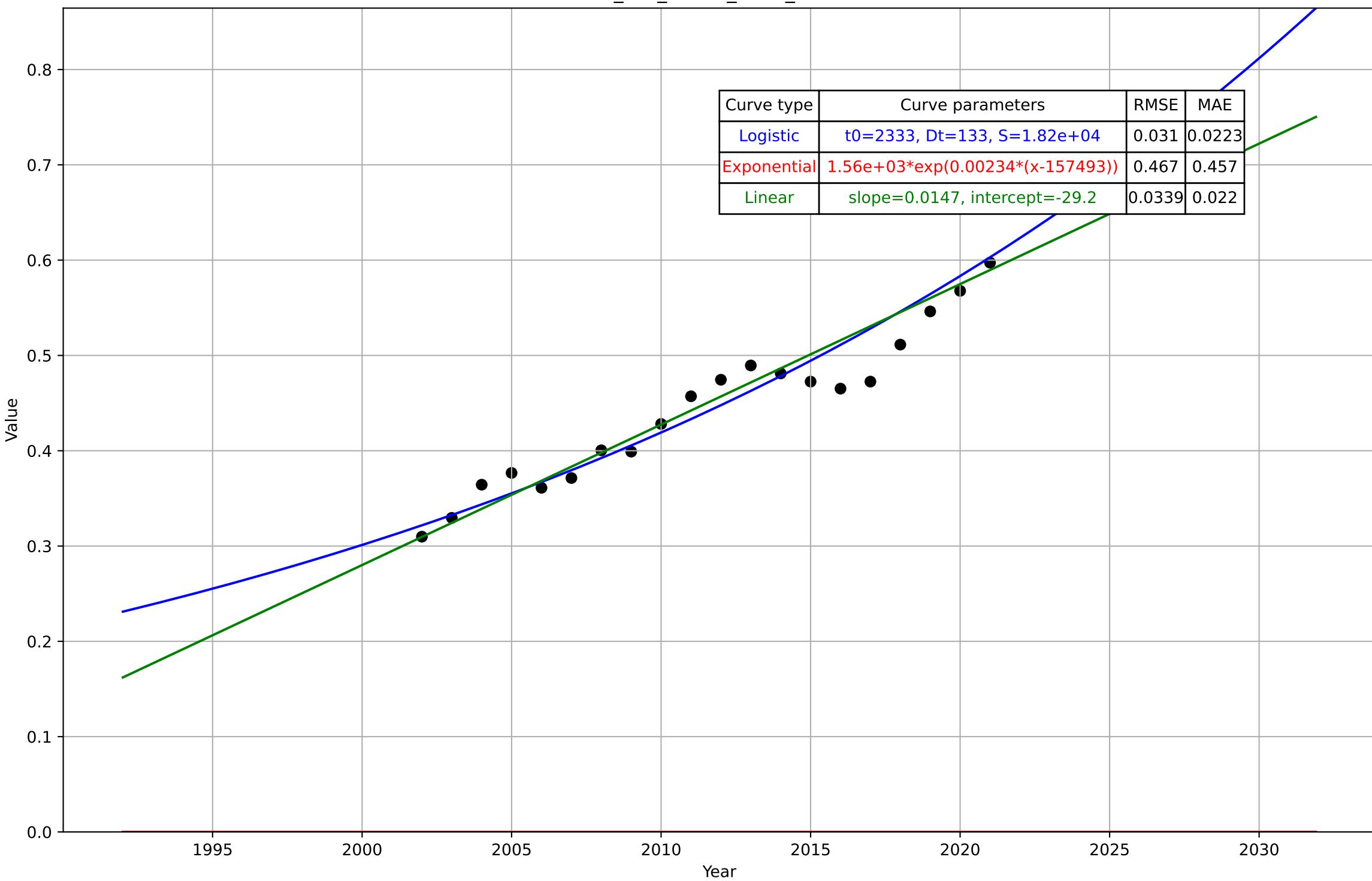
drivers license
US
2.2
Average cost of mile traveled by bus / car
bus/car cost per mile traveled
Relative Advantage (profitability)
dri_usa_2.2Rel_d051_m097

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1999, Dt=19.6, S=0.727	0.0441	0.03
Exponential	0.187*exp(0.0106*(x-1891))	0.0519	0.0344
Linear	slope=0.00752, intercept=-14.5	0.0512	0.0333

drivers license
US
2.2
Average total cost of mile traveled by bus
$ (constant 2022)
Relative Advantage (profitability)
dri_usa_2.2Rel_d054_m088

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=43.4, S=0.542	0.00665	0.00554
Exponential	1.56e+03*exp(0.00217*(x-157495))	0.323	0.315
Linear	slope=0.0128, intercept=-25.4	0.00769	0.00556

drivers license
US
2.2
Average total cost of mile traveled by car
$ (constant 2022)
Relative Advantage (profitability)
dri_usa_2.2Rel_d055_m088

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2333, Dt=133, S=1.82e+04	0.031	0.0223
Exponential	1.56e+03*exp(0.00234*(x-157493))	0.467	0.457
Linear	slope=0.0147, intercept=-29.2	0.0339	0.022
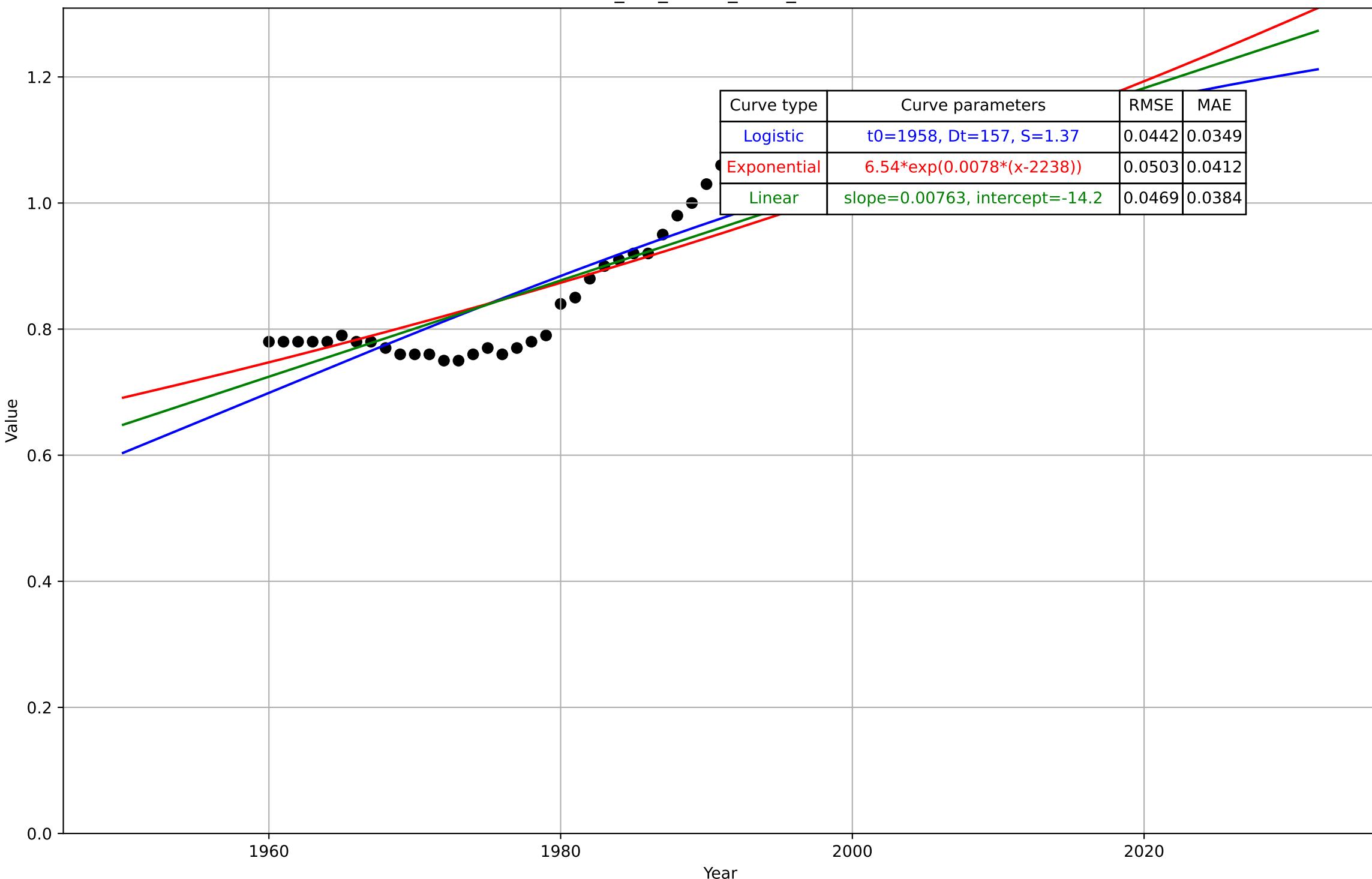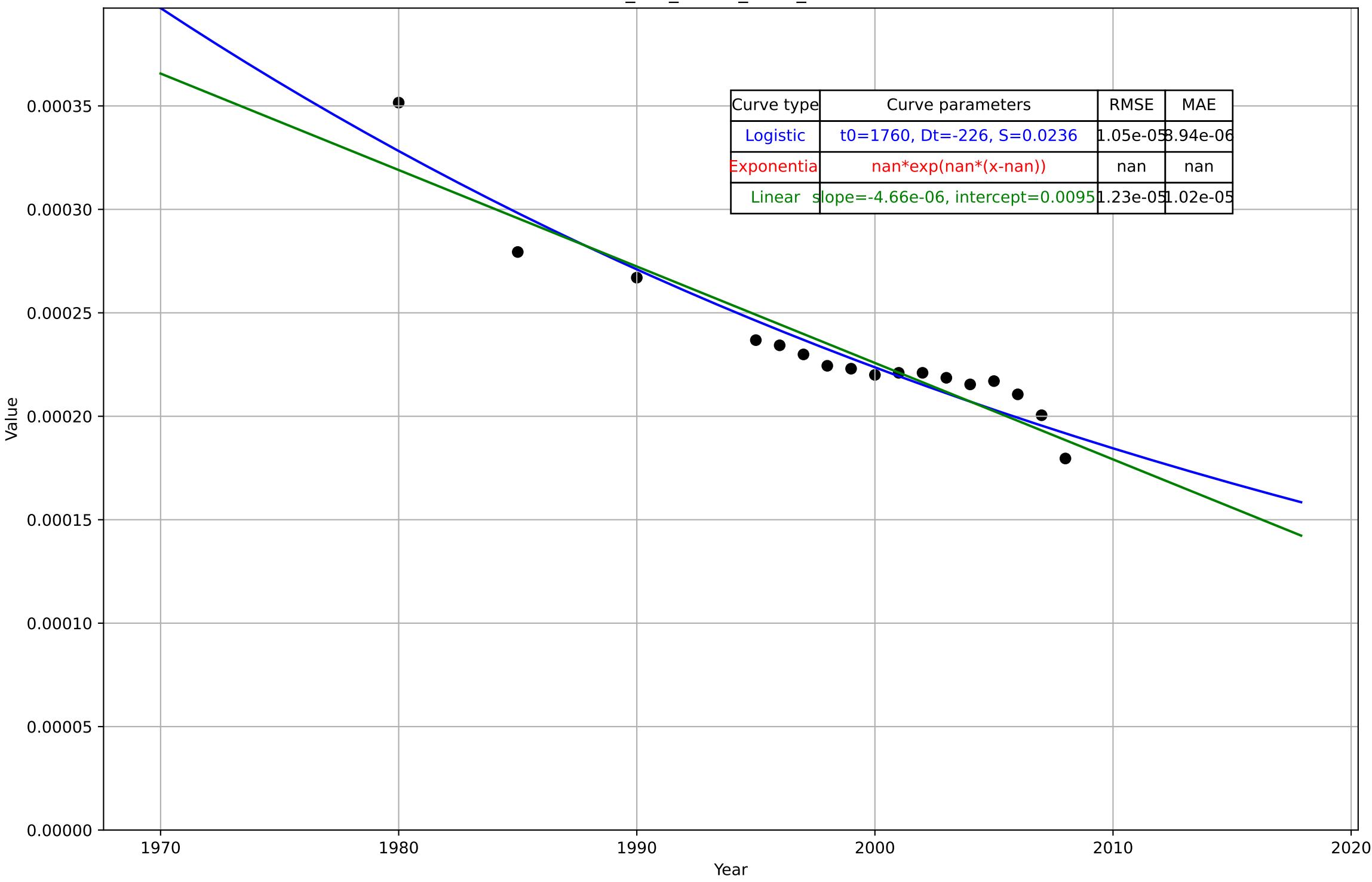
drivers license
US
2.2
Fuel efficiency (VMT per gallon)
index (1989=1)
Relative Advantage (profitability)
dri_usa_2.2Rel_d107_m105

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1958, Dt=157, S=1.37	0.0442	0.0349
Exponential	6.54*exp(0.0078*(x-2238))	0.0503	0.0412
Linear	slope=0.00763, intercept=-14.2	0.0469	0.0384

drivers license
US
2.3
Traffic death rates
% of licensed drivers
Relative Advantage (Co-Benefits)
dri_usa_2.3Rel_d205_m063

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1760, Dt=-226, S=0.0236	1.05e-05	3.94e-06
Exponential	nan*exp(nan*(x-nan))	nan	nan
Linear	slope=-4.66e-06, intercept=0.00951	1.23e-05	1.02e-05
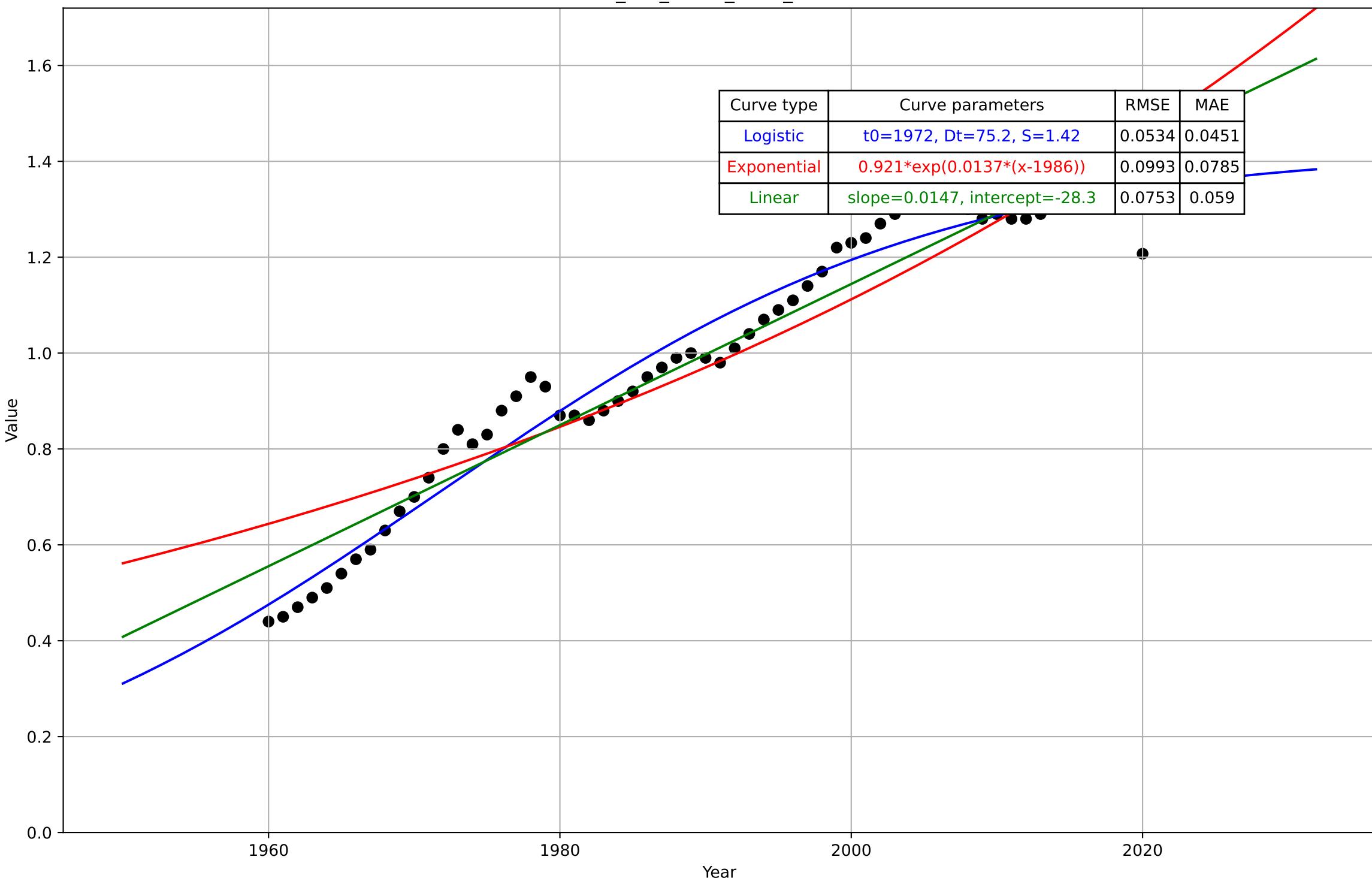
drivers license
US
2.9
Motor fuel consumption
index (1989=1)
Inter-dependence with Hardware
dri_usa_2.9Int_d130_m105

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1972, Dt=75.2, S=1.42	0.0534	0.0451
Exponential	0.921*exp(0.0137*(x-1986))	0.0993	0.0785
Linear	slope=0.0147, intercept=-28.3	0.0753	0.059
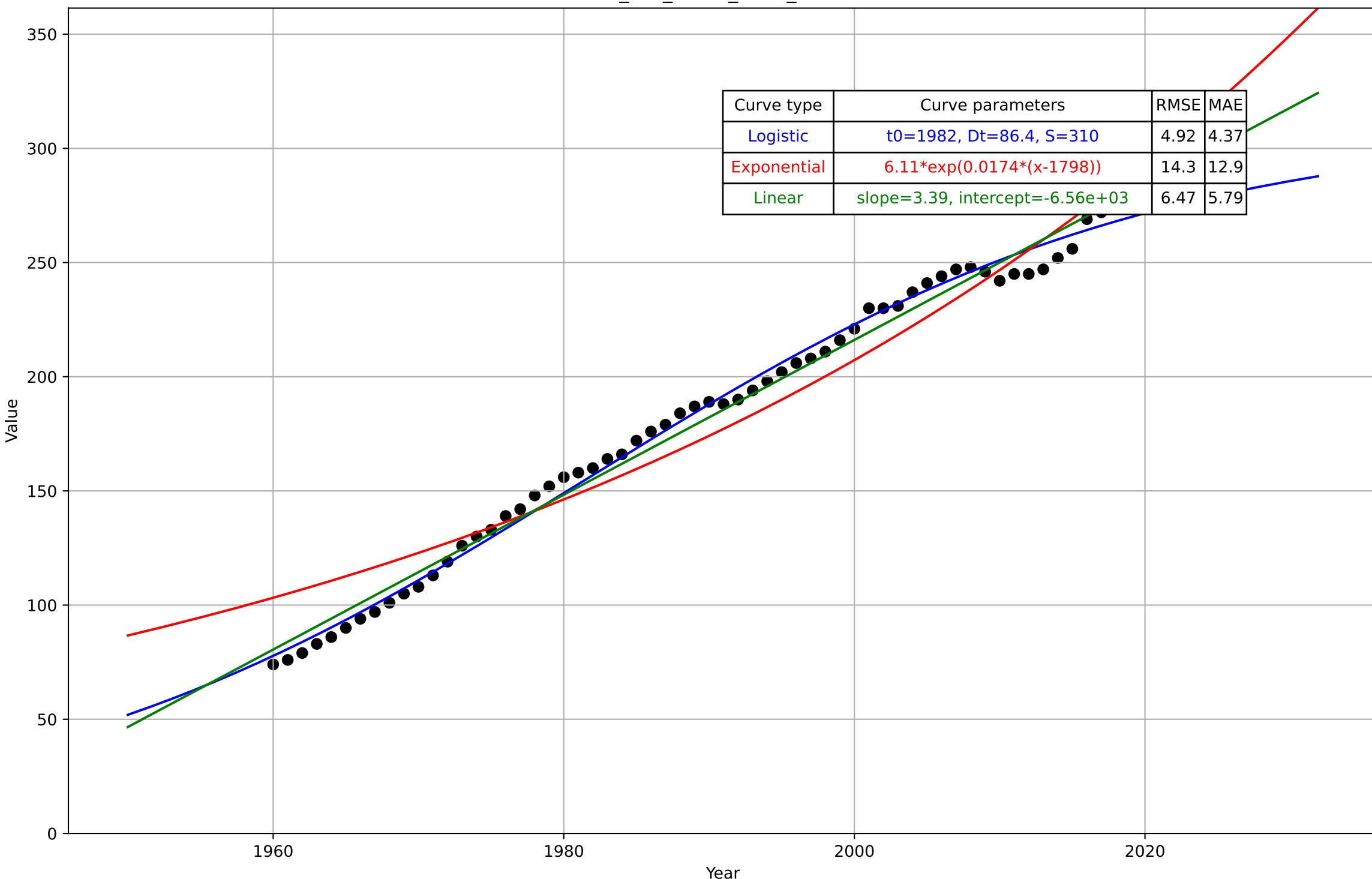
drivers license
US
2.9
Total number of vehicles registered
million vehicles
Inter-dependence with Hardware
dri_usa_2.9Int_d203_m126
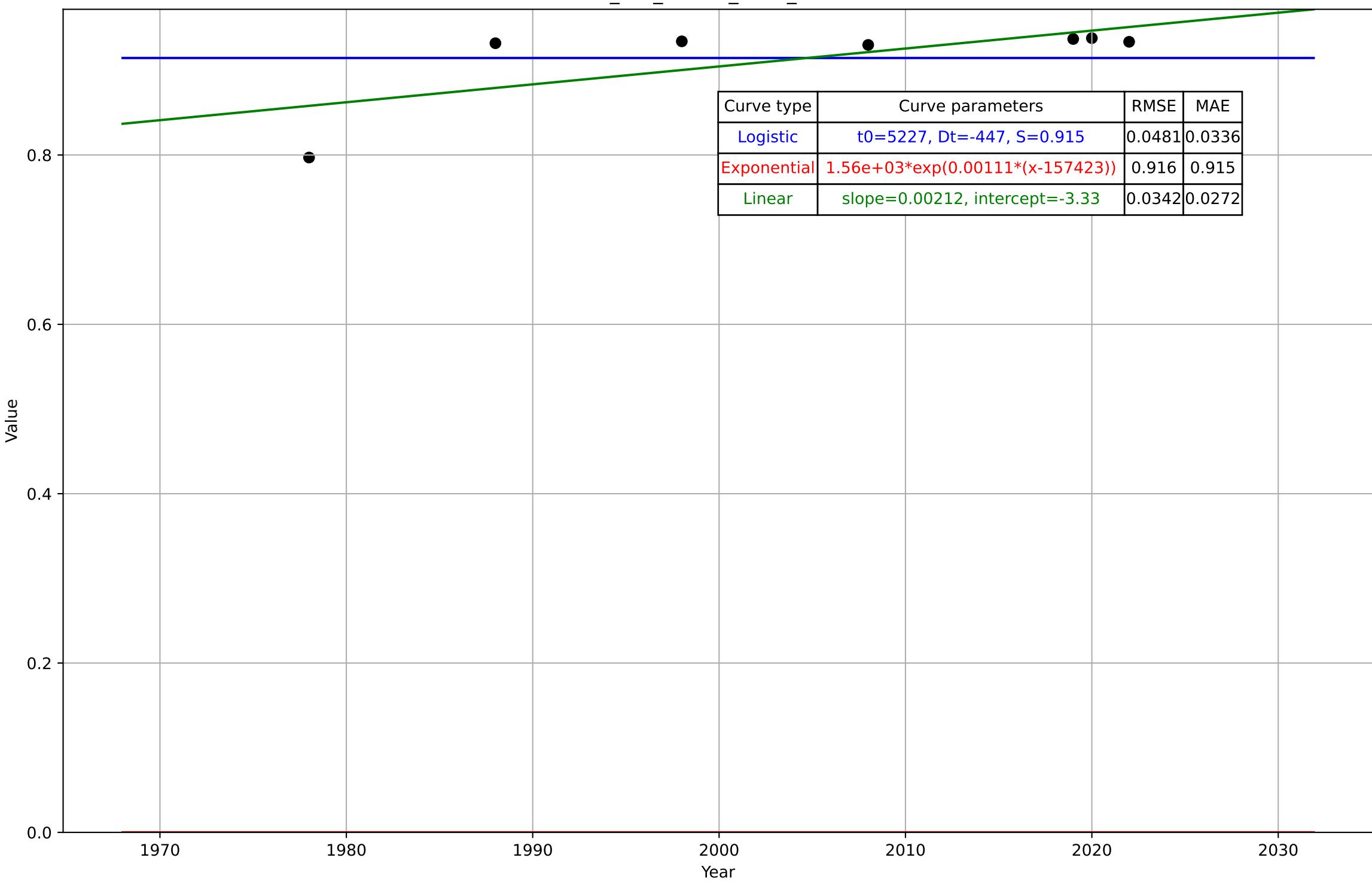
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1982, Dt=86.4, S=310	4.92	4.37
Exponential	6.11*exp(0.0174*(x-1798))	14.3	12.9
Linear	slope=3.39, intercept=-6.56e+03	6.47	5.79
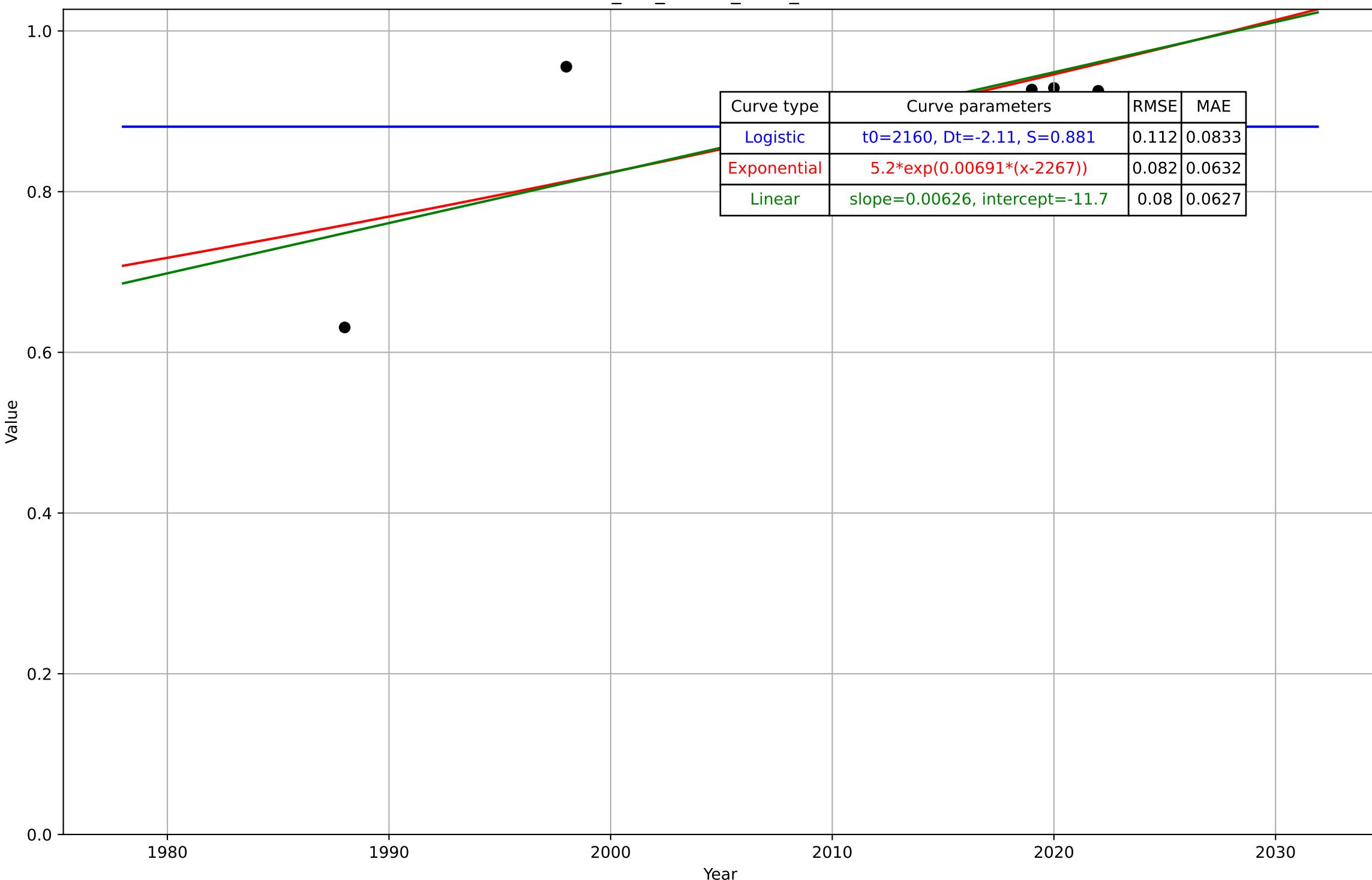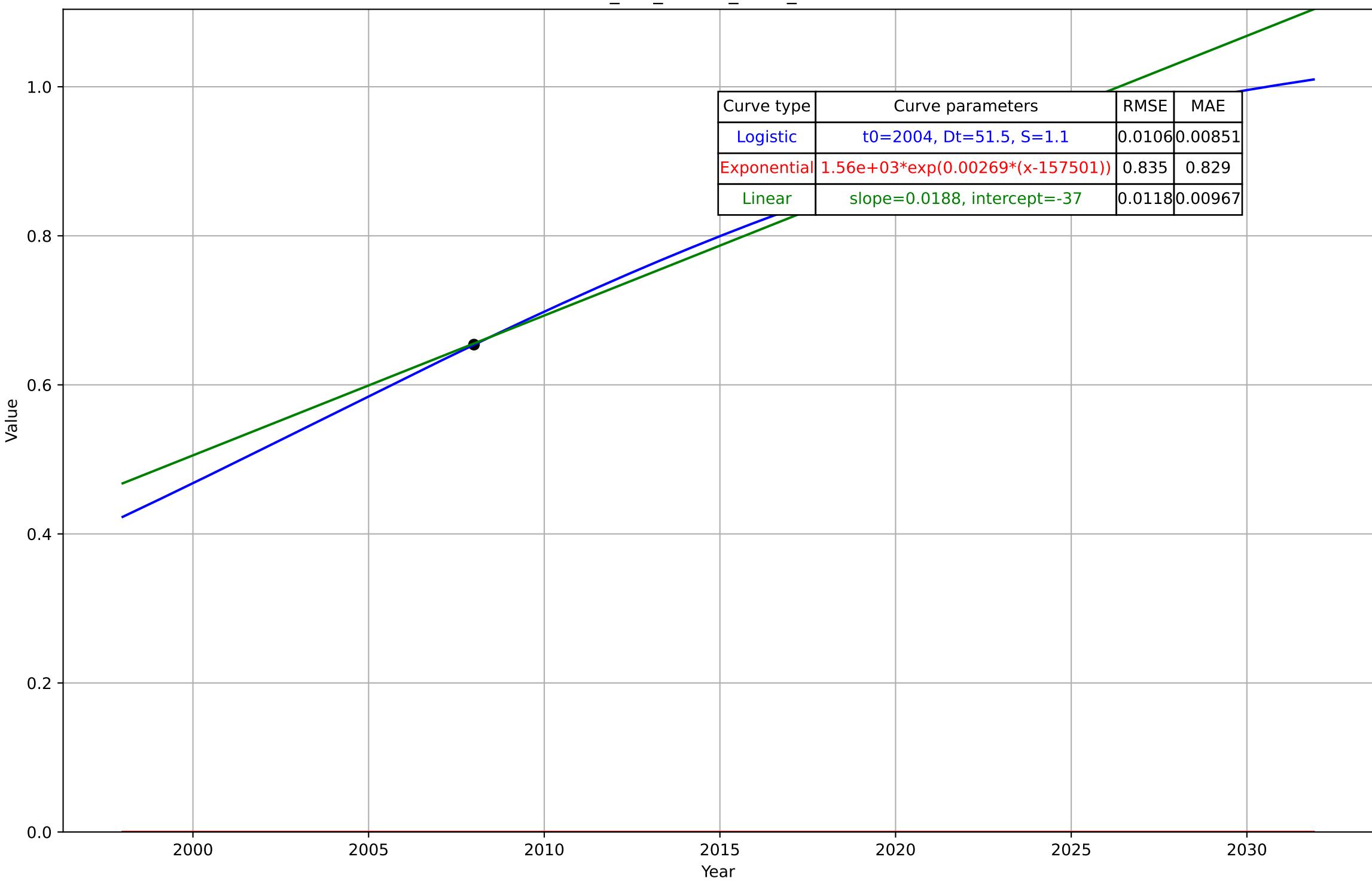
drivers license
US
3.2
% of age cohort 18 yrs in 1978 holding a drivers licence
% of 18yr olds in 1978
Adopter characteristics
dri_usa_3.2Adc_d009_m045

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=5227, Dt=-447, S=0.915	0.0481	0.0336
Exponential	1.56e+03*exp(0.00111*(x-157423))	0.916	0.915
Linear	slope=0.00212, intercept=-3.33	0.0342	0.0272
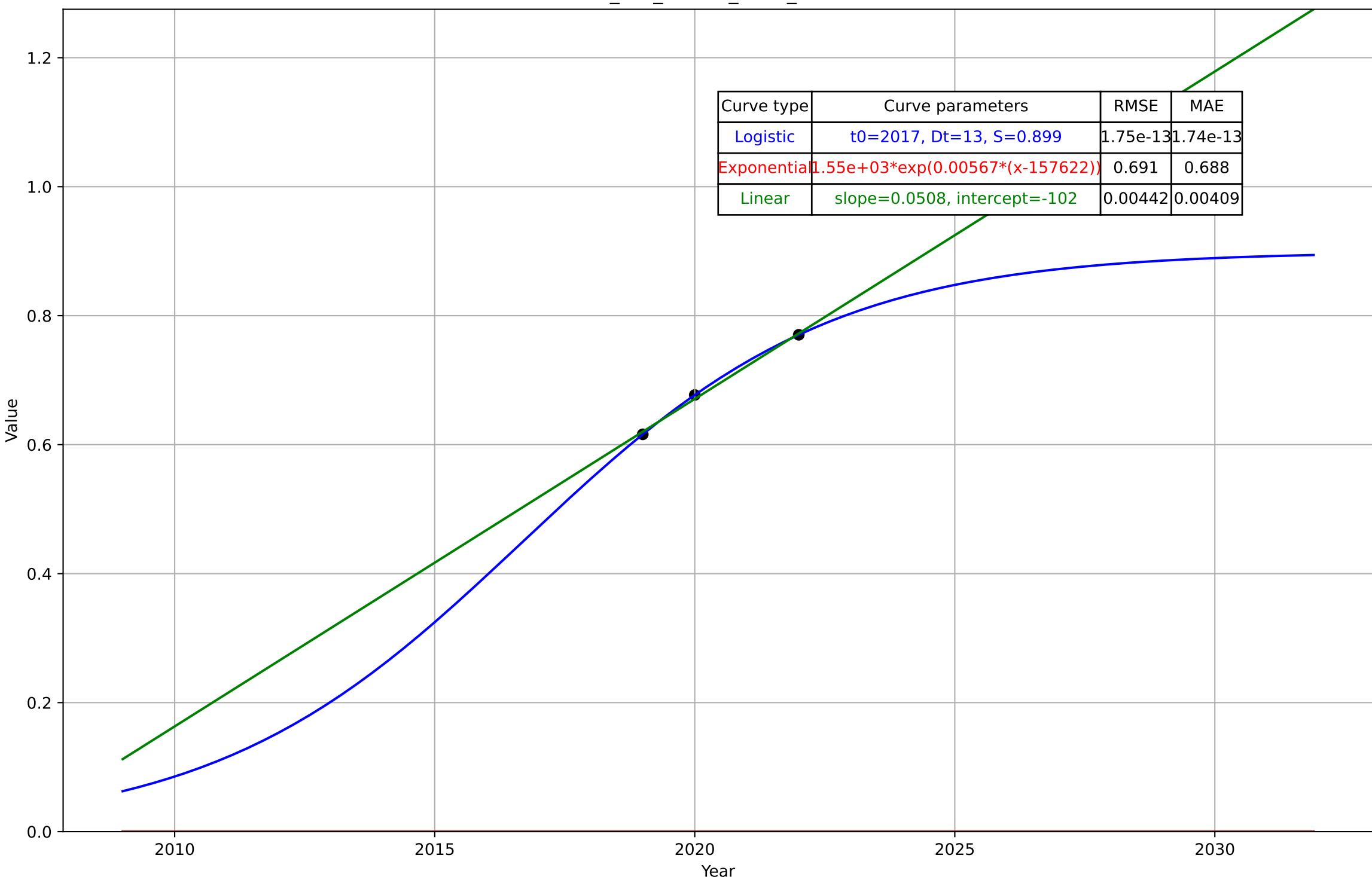
drivers license
US
3.2
% of age cohort 18 yrs in 1988 holding a drivers licence
% of 18yr olds in 1988
Adopter characteristics
dri_usa_3.2Adc_d010_m046

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2160, Dt=-2.11, S=0.881	0.112	0.0833
Exponential	5.2*exp(0.00691*(x-2267))	0.082	0.0632
Linear	slope=0.00626, intercept=-11.7	0.08	0.0627
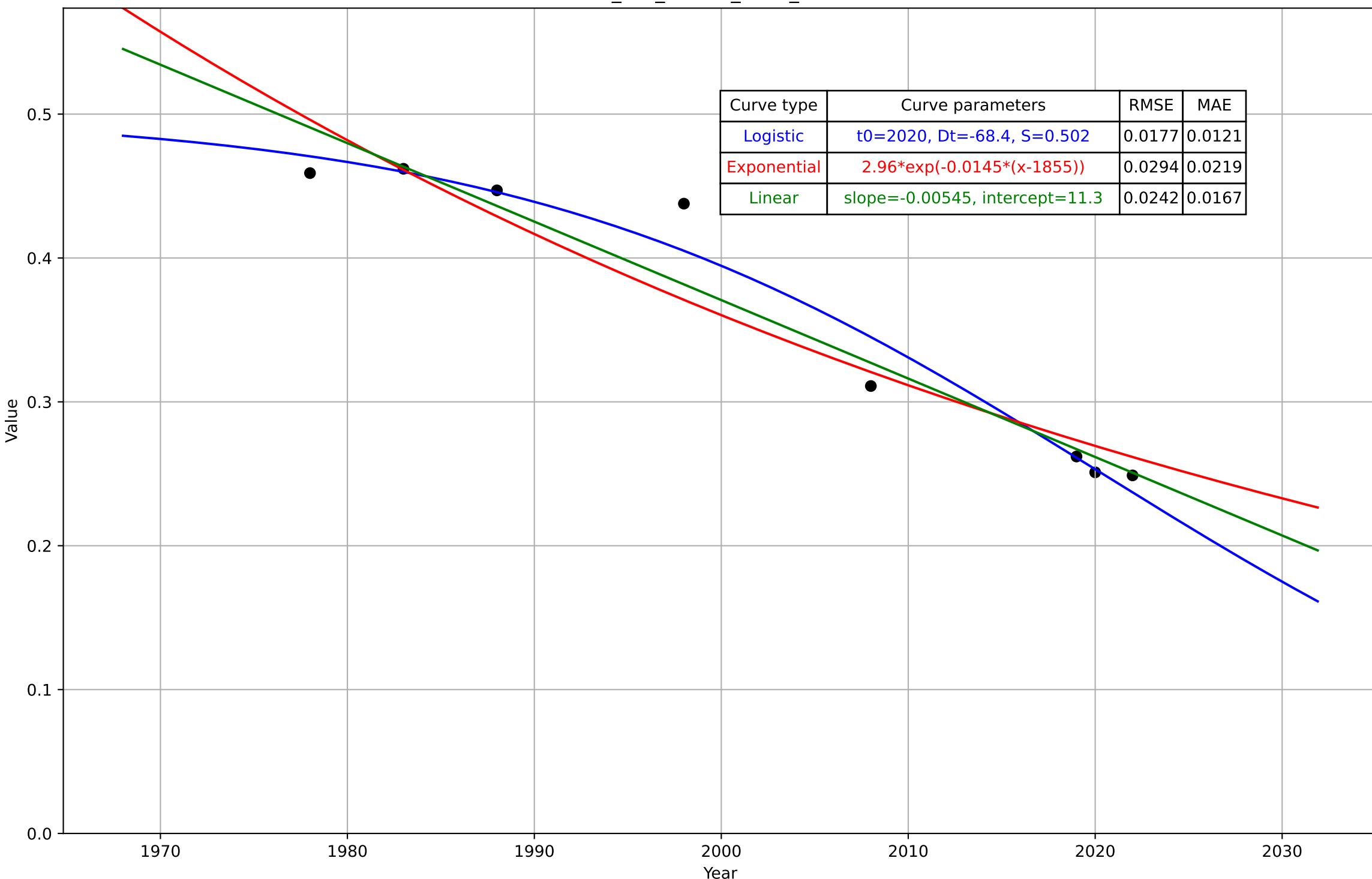
drivers license
US
3.2
% of age cohort 18 yrs in 2008 holding a drivers licence
% of 18yr olds in 2008
Adopter characteristics
dri_usa_3.2Adc_d011_m047

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=51.5, S=1.1	0.0106	0.00851
Exponential	1.56e+03*exp(0.00269*(x-157501))	0.835	0.829
Linear	slope=0.0188, intercept=-37	0.0118	0.00967
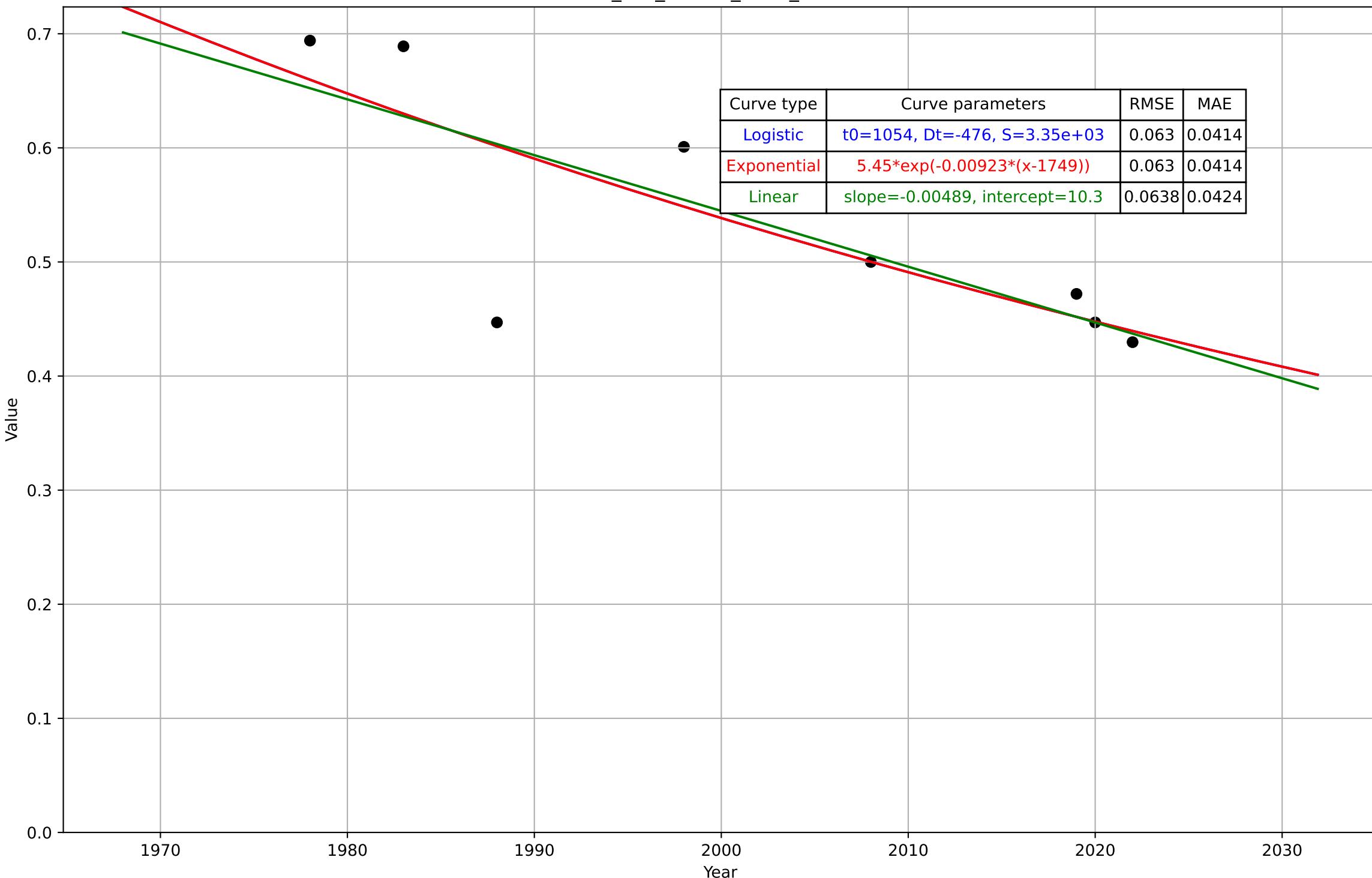
drivers license
US
3.2
% of age cohort 18 yrs in 2019 holding a drivers licence
% of 18yr olds in 2019
Adopter characteristics
dri_usa_3.2Adc_d012_m048

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2017, Dt=13, S=0.899	1.75e-13	1.74e-13
Exponential	1.55e+03*exp(0.00567*(x-157622))	0.691	0.688
Linear	slope=0.0508, intercept=-102	0.00442	0.00409

drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 16yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m037

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-68.4, S=0.502	0.0177	0.0121
Exponential	2.96*exp(-0.0145*(x-1855))	0.0294	0.0219
Linear	slope=-0.00545, intercept=11.3	0.0242	0.0167

drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 17yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m038

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1054, Dt=-476, S=3.35e+03	0.063	0.0414
Exponential	5.45*exp(-0.00923*(x-1749))	0.063	0.0414
Linear	slope=-0.00489, intercept=10.3	0.0638	0.0424
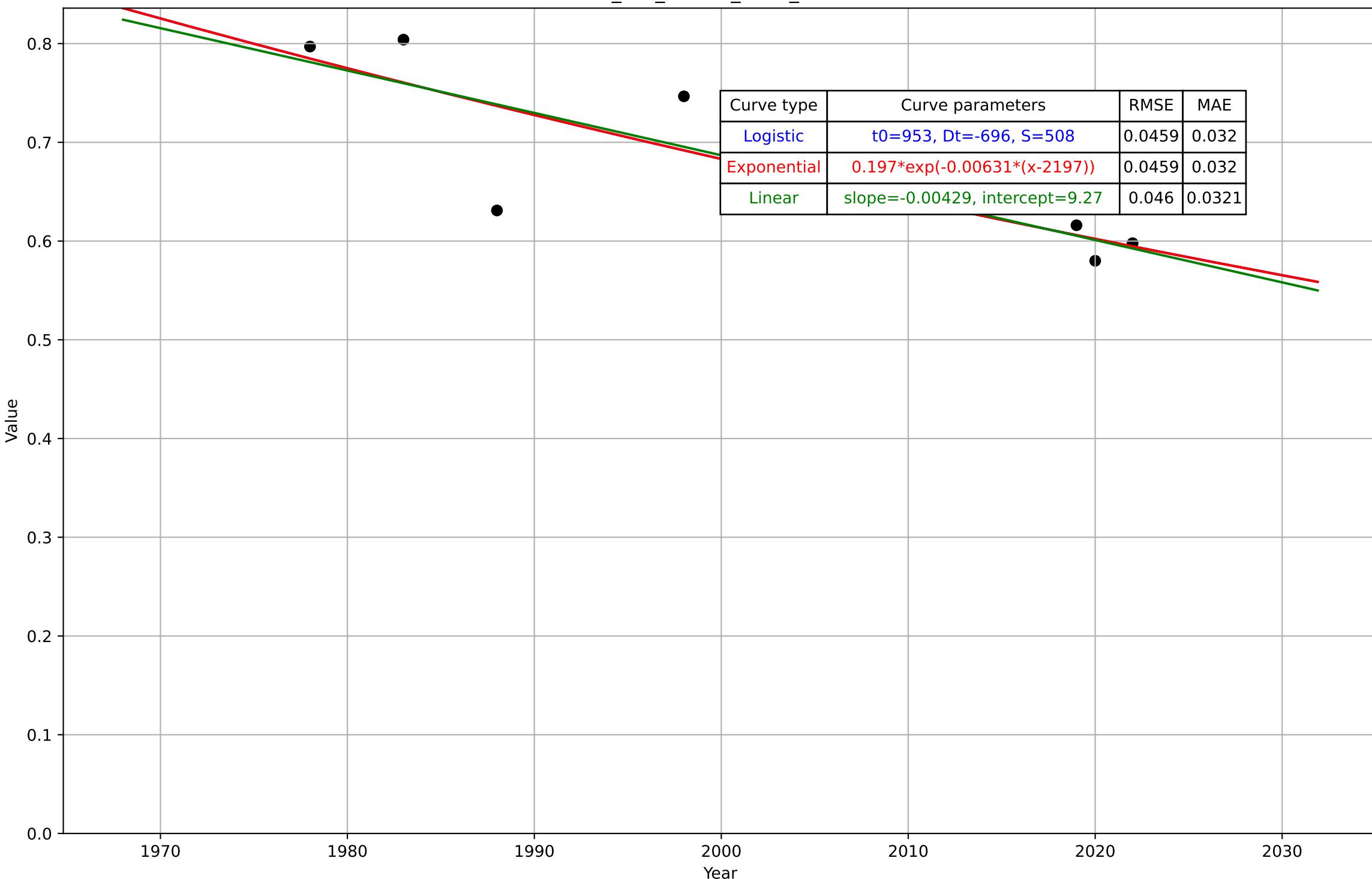
drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 18yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m044
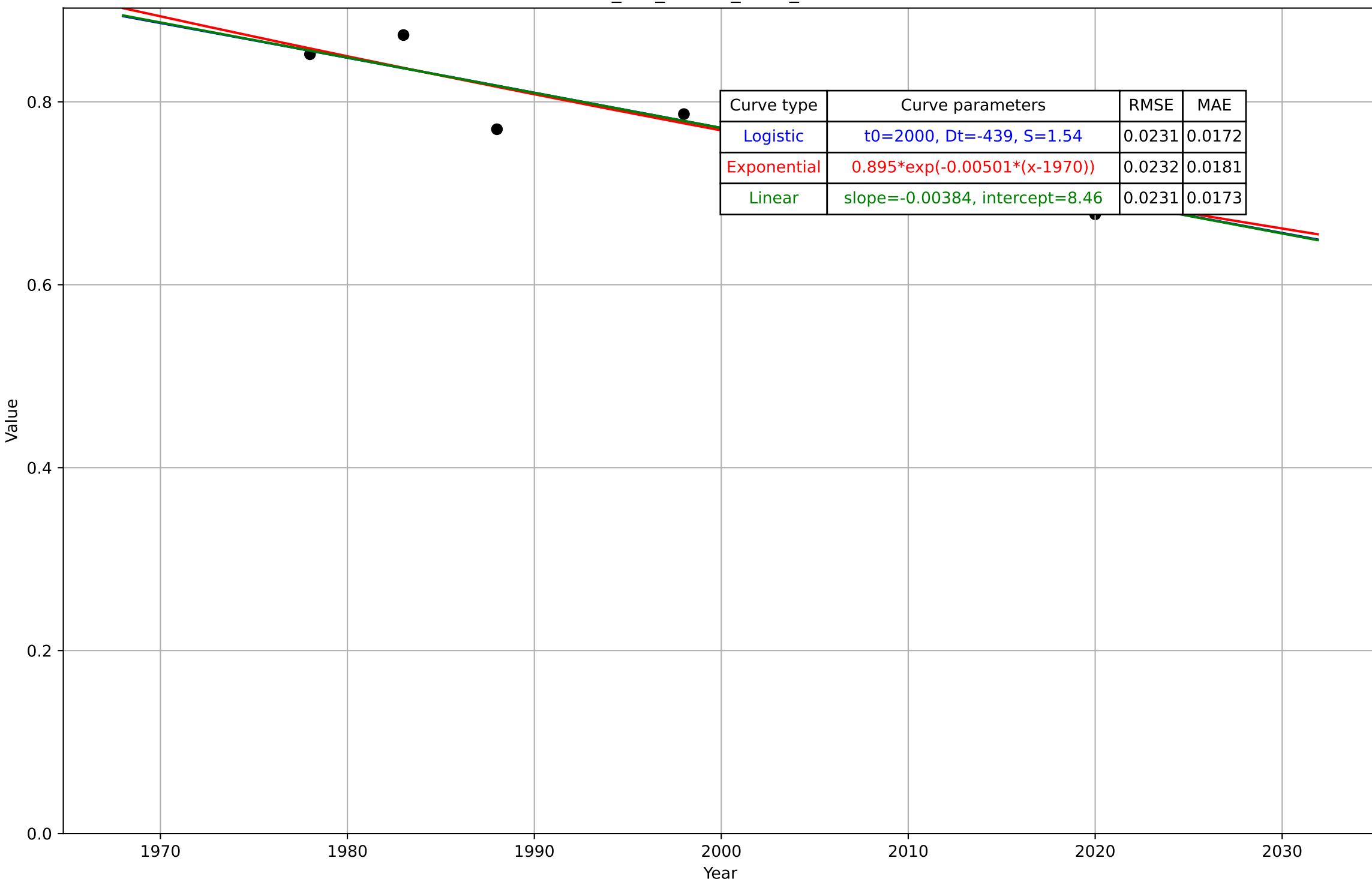
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=953, Dt=-696, S=508	0.0459	0.032
Exponential	0.197*exp(-0.00631*(x-2197))	0.0459	0.032
Linear	slope=-0.00429, intercept=9.27	0.046	0.0321

drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 19yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m049

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=-439, S=1.54	0.0231	0.0172
Exponential	0.895*exp(-0.00501*(x-1970))	0.0232	0.0181
Linear	slope=-0.00384, intercept=8.46	0.0231	0.0173

Value

Year

drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 20-24 yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m050

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-525, S=1.58	0.0108	0.00984
Exponential	0.292*exp(-0.00385*(x-2279))	0.0109	0.00963
Linear	slope=-0.00329, intercept=7.43	0.0108	0.00978
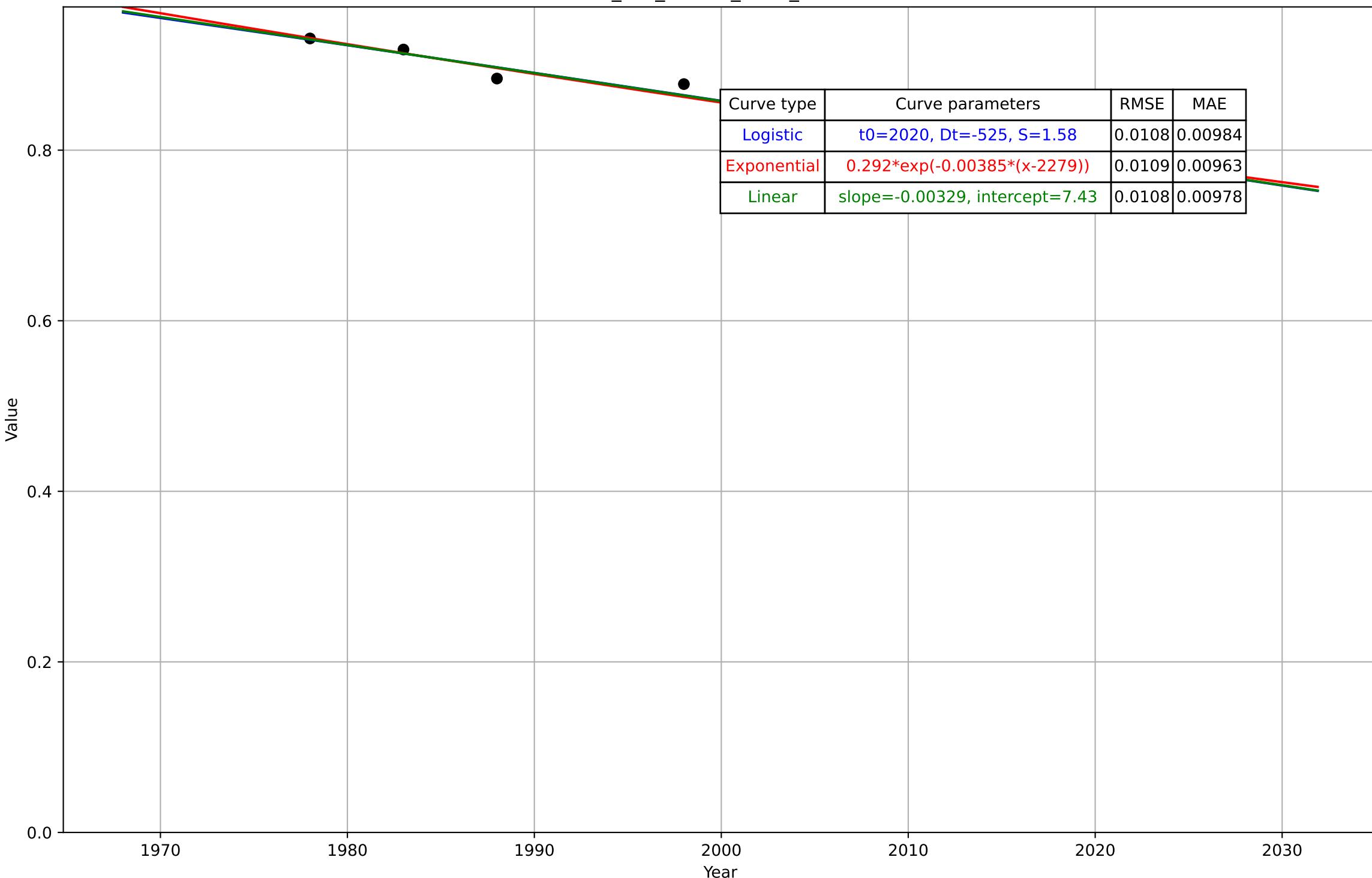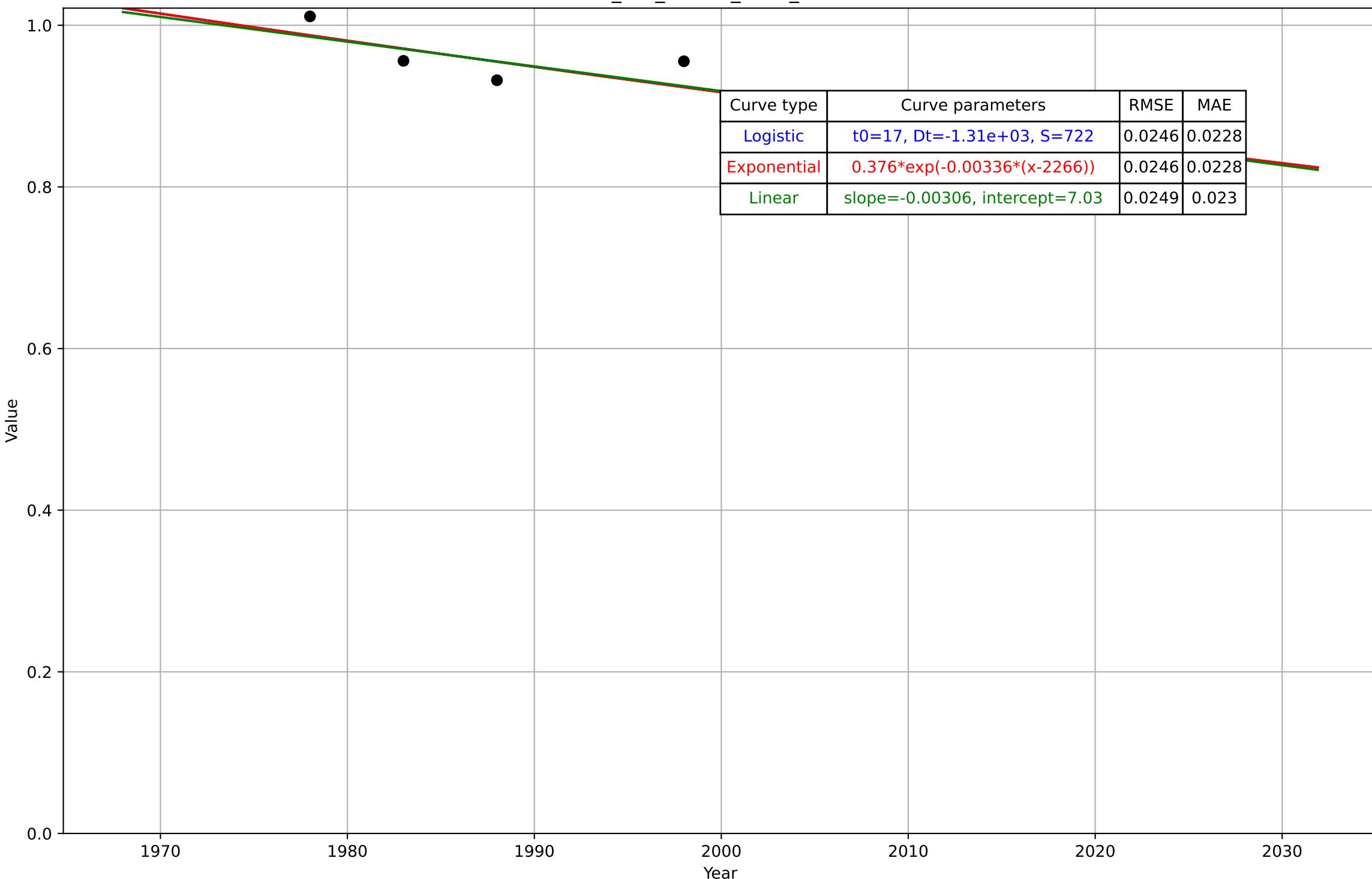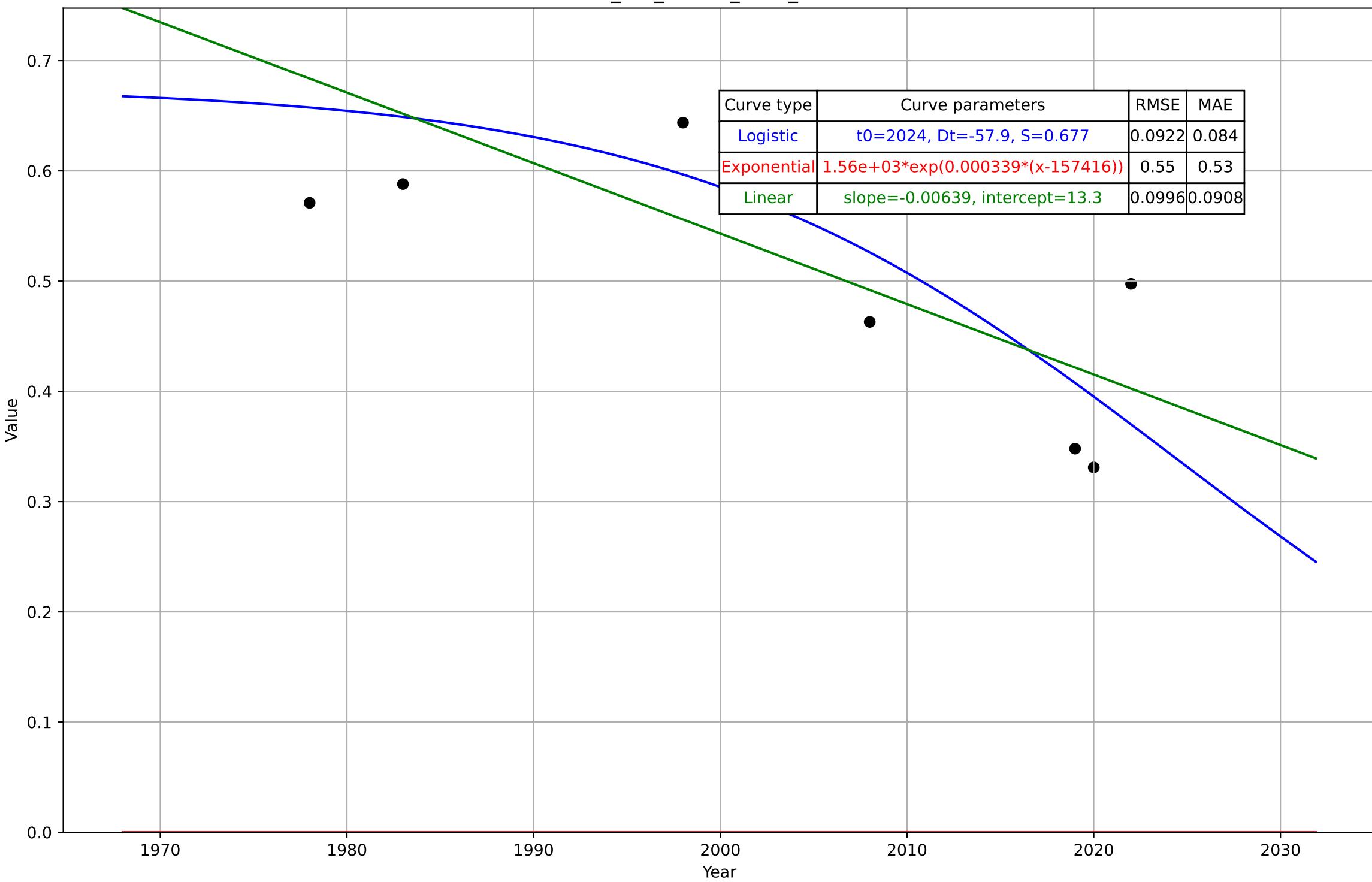
drivers license
US
3.2
% of population holding a drivers licence, by age group
% of 25-29 yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m051
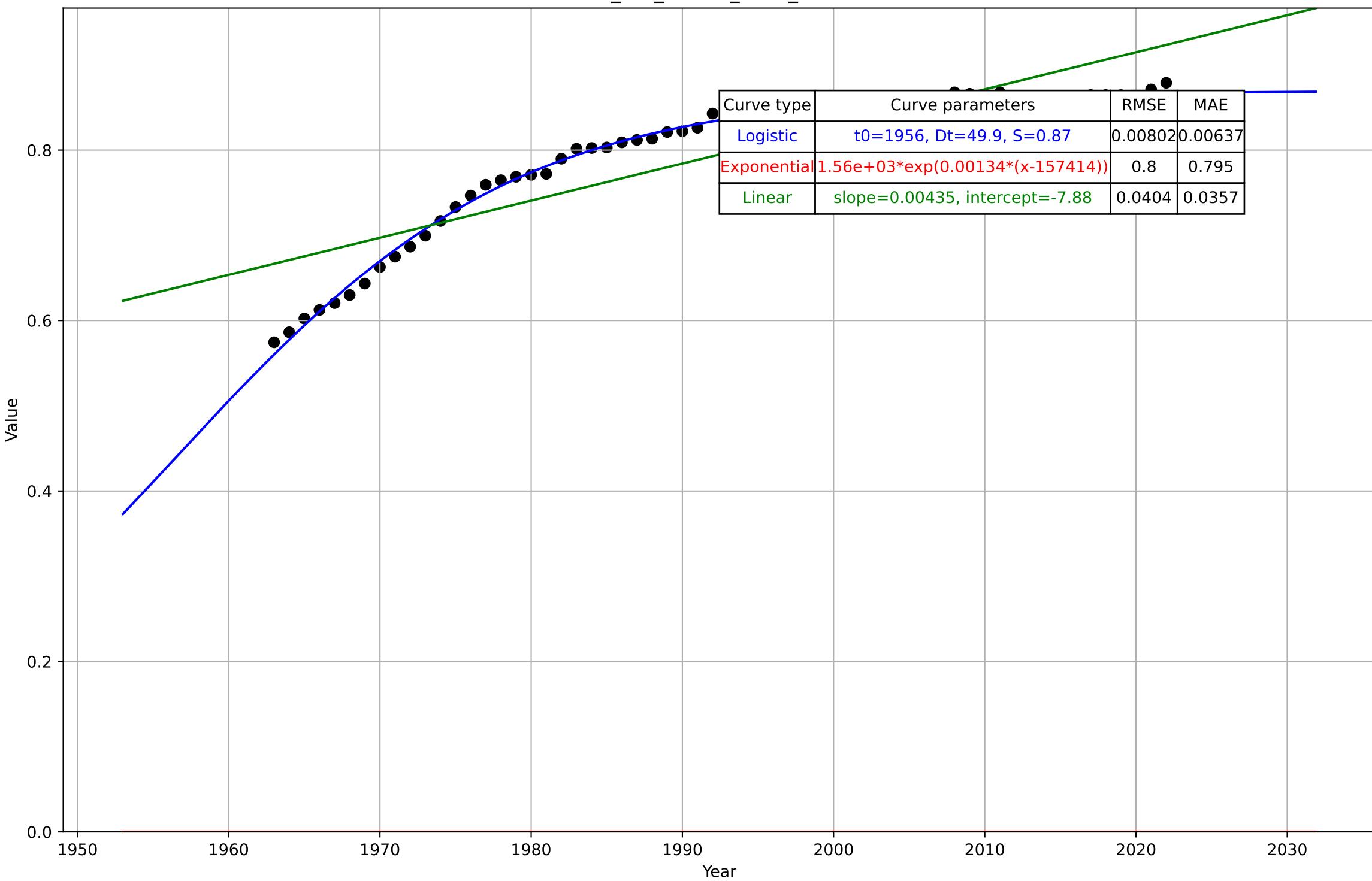
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=17, Dt=-1.31e+03, S=722	0.0246	0.0228
Exponential	0.376*exp(-0.00336*(x-2266))	0.0246	0.0228
Linear	slope=-0.00306, intercept=7.03	0.0249	0.023

drivers license
US
## 3.2
% of population holding a drivers licence, by age group
% of <=19 yr olds
Adopter characteristics
dri_usa_3.2Adc_d031_m036

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2024, Dt=-57.9, S=0.677	0.0922	0.084
Exponential	1.56e+03*exp(0.000339*(x-157416))	0.55	0.53
Linear	slope=-0.00639, intercept=13.3	0.0996	0.0908

drivers license
US
3.2
% of population holding a drivers licence, by gender
% of female population
Adopter characteristics
dri_usa_3.2Adc_d032_m058

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1956, Dt=49.9, S=0.87	0.00802	0.00637
Exponential	1.56e+03*exp(0.00134*(x-157414))	0.8	0.795
Linear	slope=0.00435, intercept=-7.88	0.0404	0.0357

drivers license
US
3.2
% of population holding a drivers licence, by gender
% of male population
## Adopter characteristics
dri_usa_3.2Adc_d032_m064

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2112, Dt=-241, S=1.06	0.00948	0.00753
Exponential	1.56e+03*exp(0.000739*(x-157394))	0.945	0.945
Linear	slope=-0.00178, intercept=4.49	0.0102	0.00789
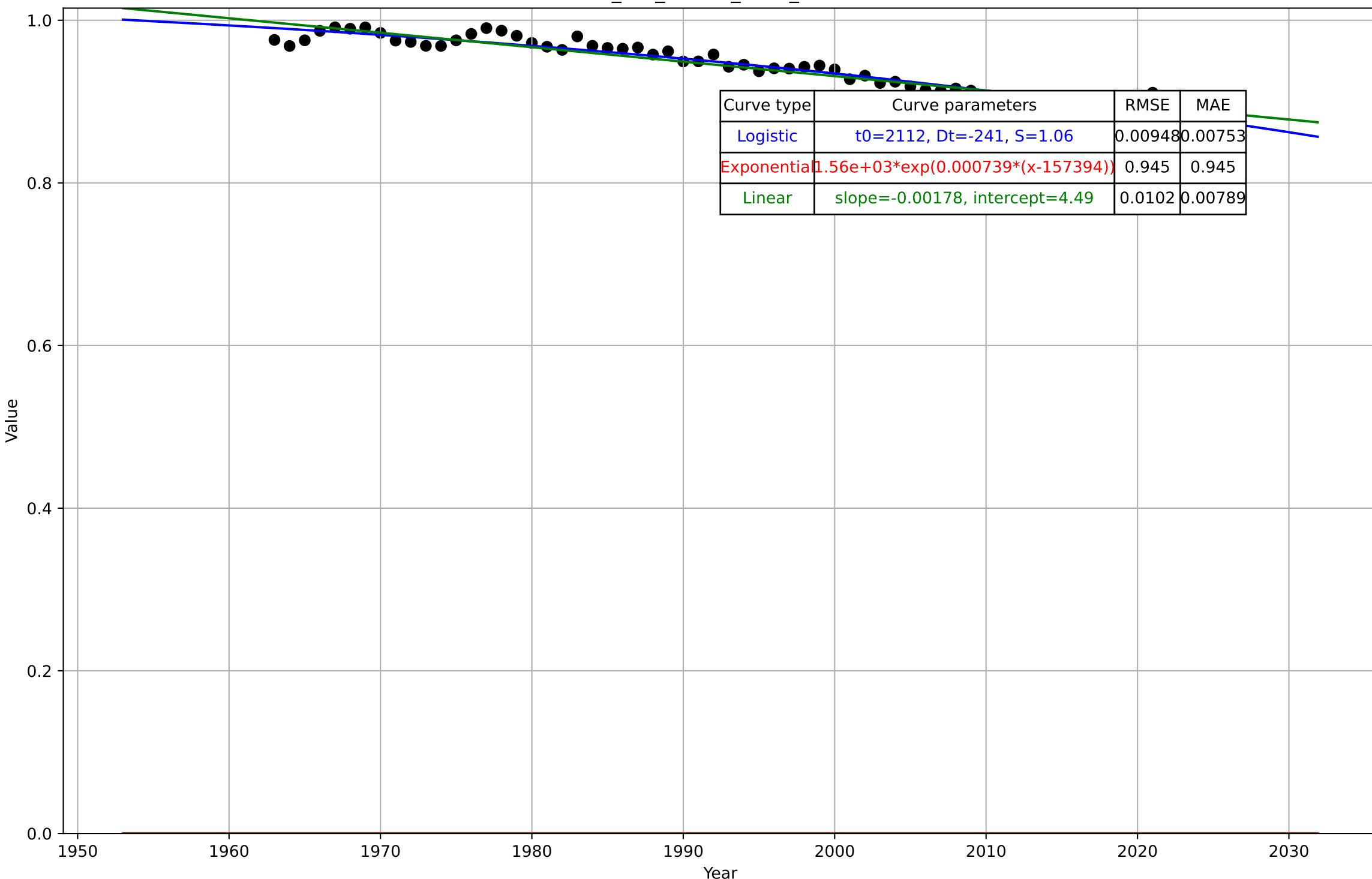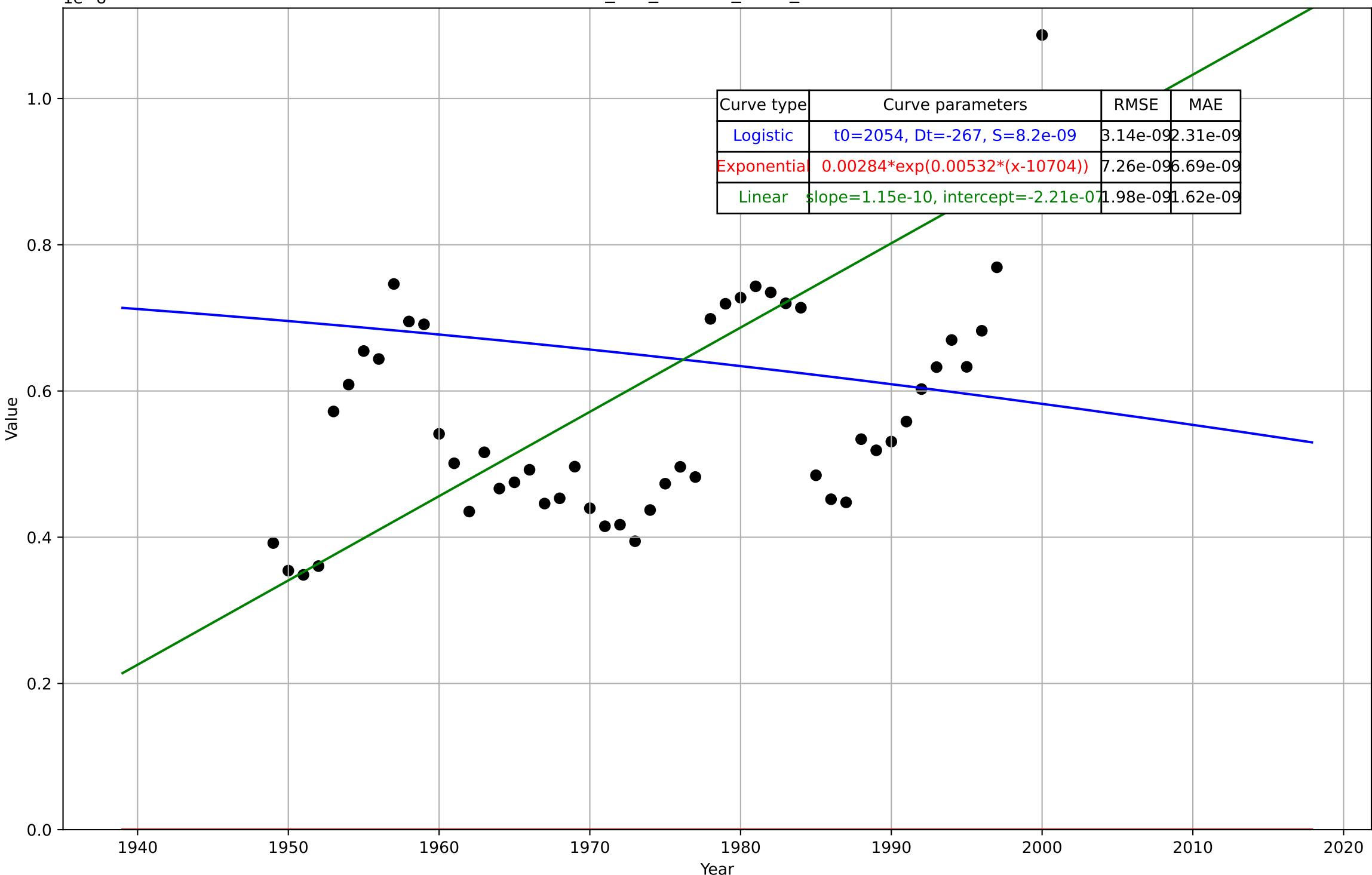
drivers license
US
4.2
Number of times "Drivers license" appears in books
mentions
Knowledge Flows (Mass Media)
dri_usa_4.2Kme_d149_m012

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2054, Dt=-267, S=8.2e-09	3.14e-09	2.31e-09
Exponential	0.00284*exp(0.00532*(x-10704))	7.26e-09	6.69e-09
Linear	slope=1.15e-10, intercept=-2.21e-07	1.98e-09	1.62e-09

drivers license
US
4.3
Vehicle Miles of Travel (VMT)
billions
Compatibility
dri_usa_4.3Com_d209_m096

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1983, Dt=71.4, S=3.58e+06	3.33e+04	6.08e+04
Exponential	72.2*exp(0.0216*(x-1519))	2.7e+05	2.26e+05
Linear	slope=4.4e+04, intercept=-8.54e+01	1.41e+05	1.13e+05
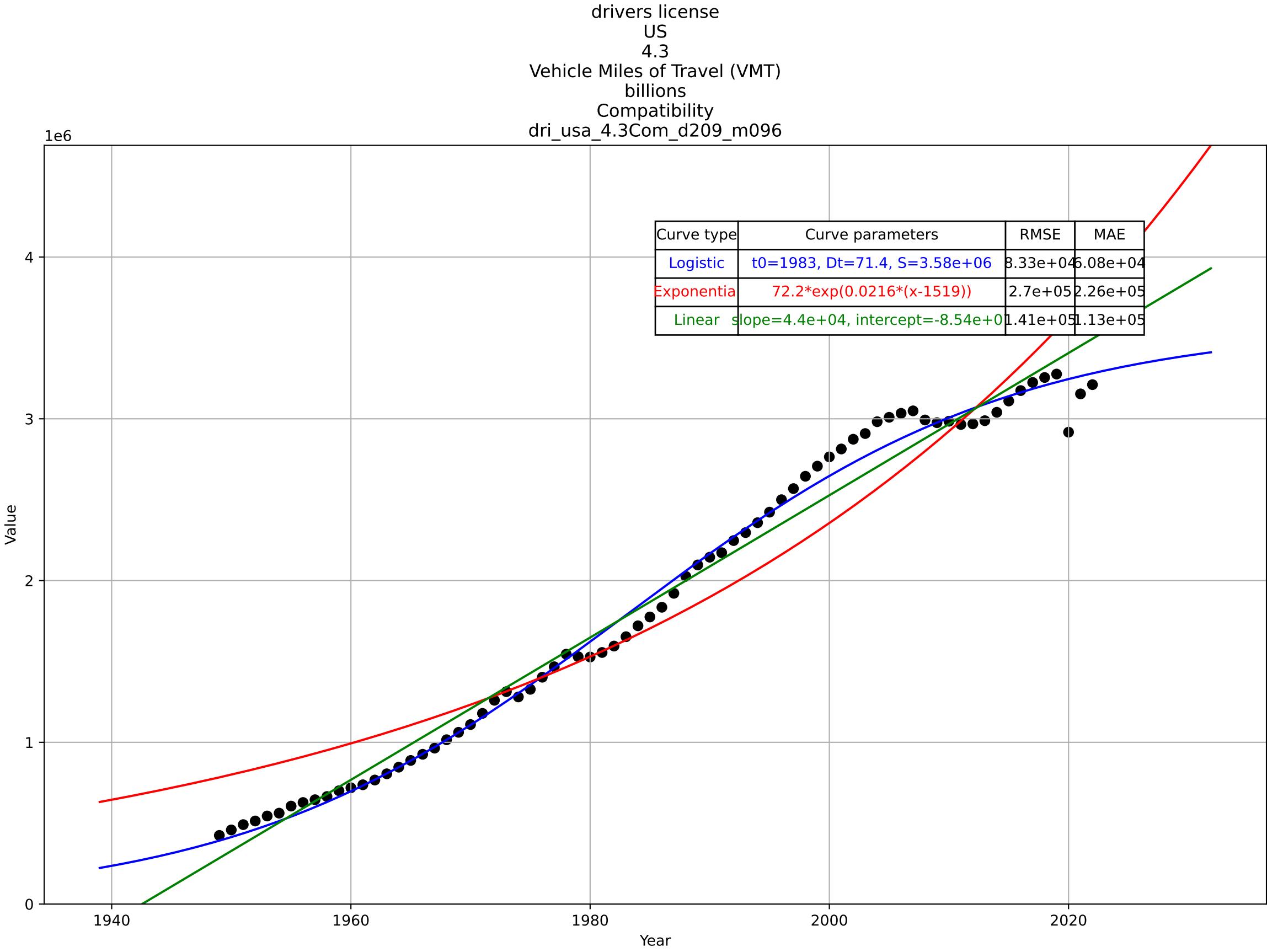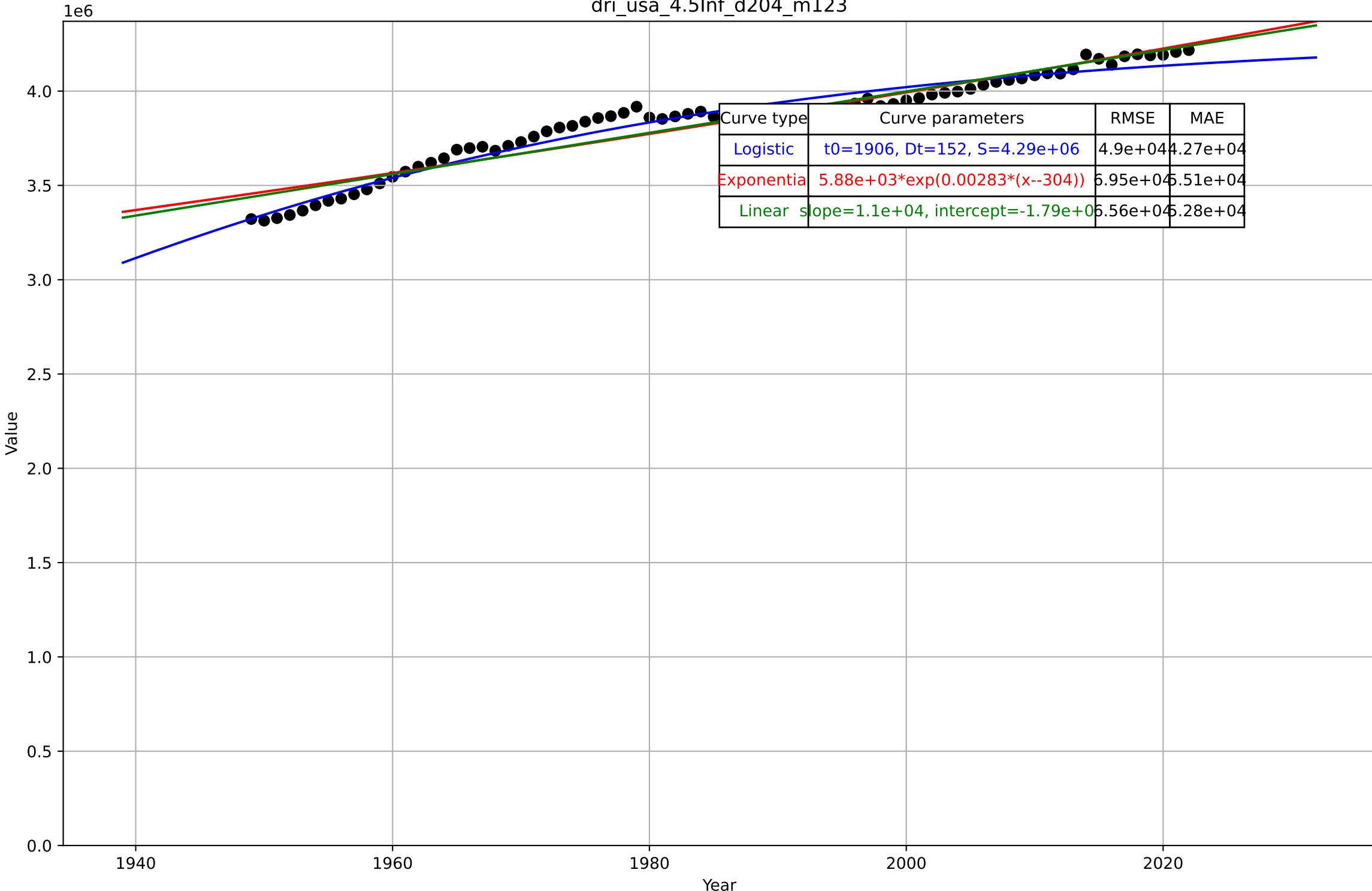
drivers license
US
4.5
Total public road mileage
million miles
Infrastructure Dependence
dri_usa_4.5Inf_d204_m123
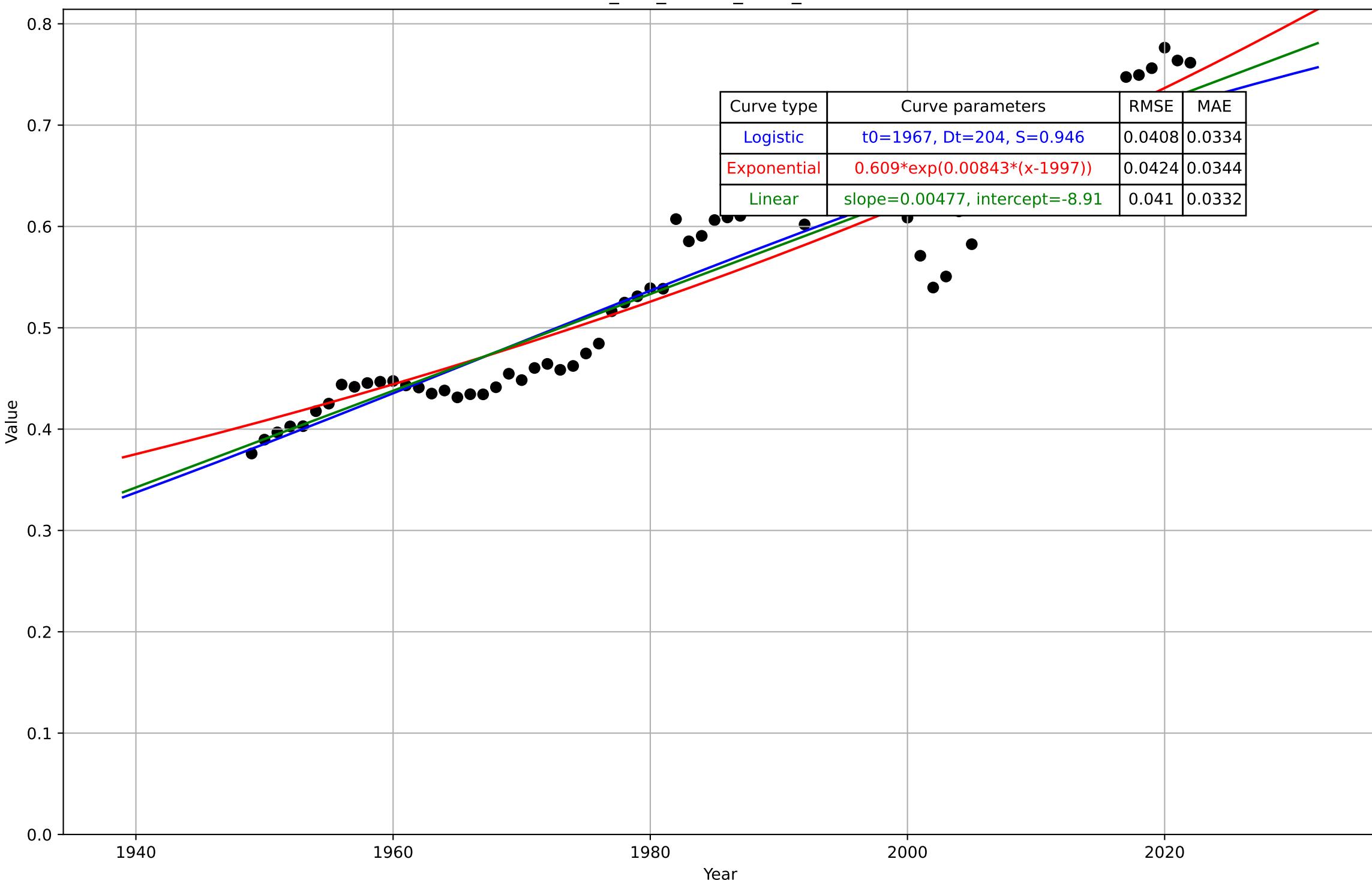
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1906, Dt=152, S=4.29e+06	4.9e+04	4.27e+04
Exponential	5.88e+03*exp(0.00283*(x--304))	6.95e+04	5.51e+04
Linear	slope=1.1e+04, intercept=-1.79e+06	6.56e+04	5.28e+04
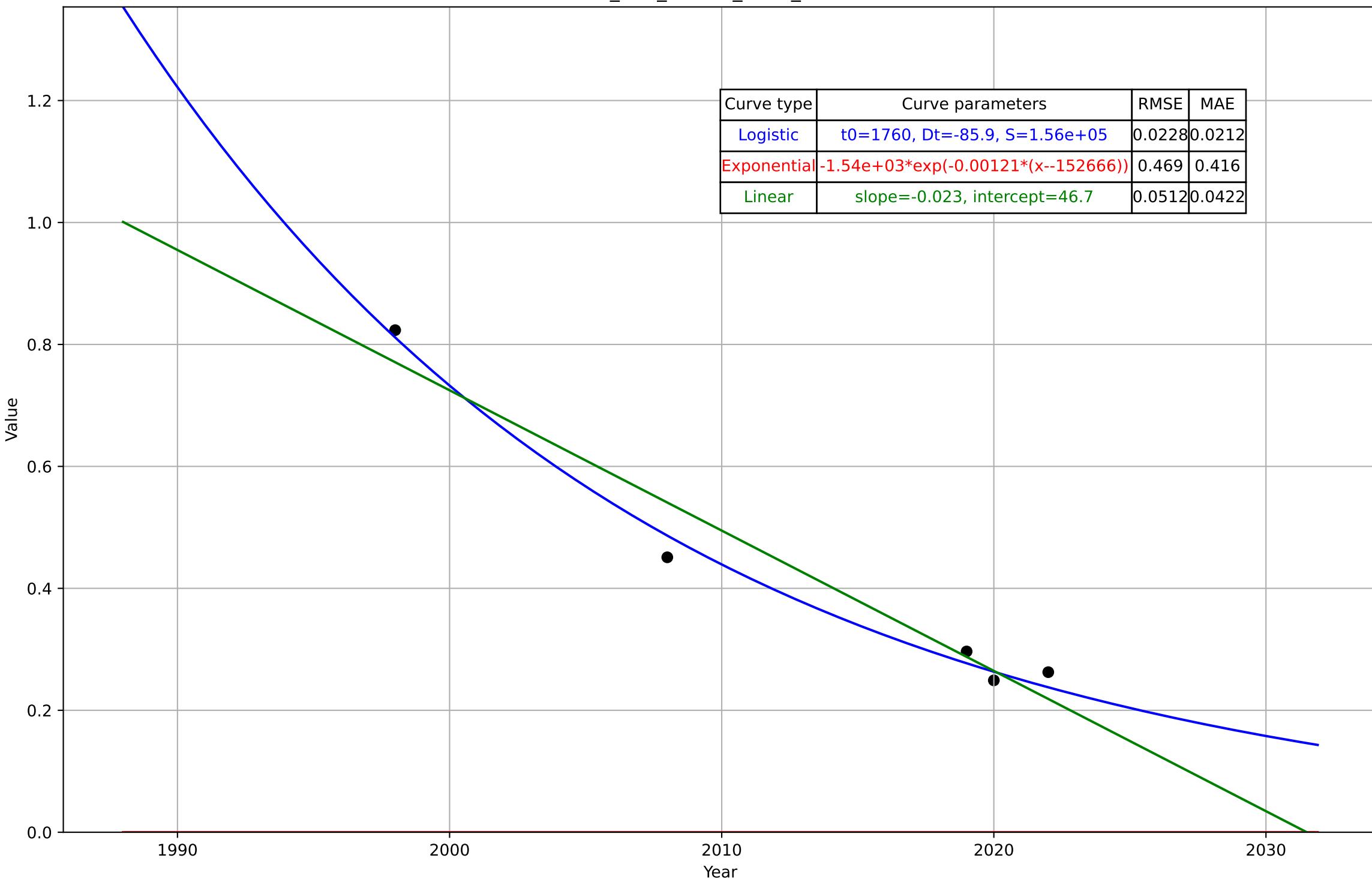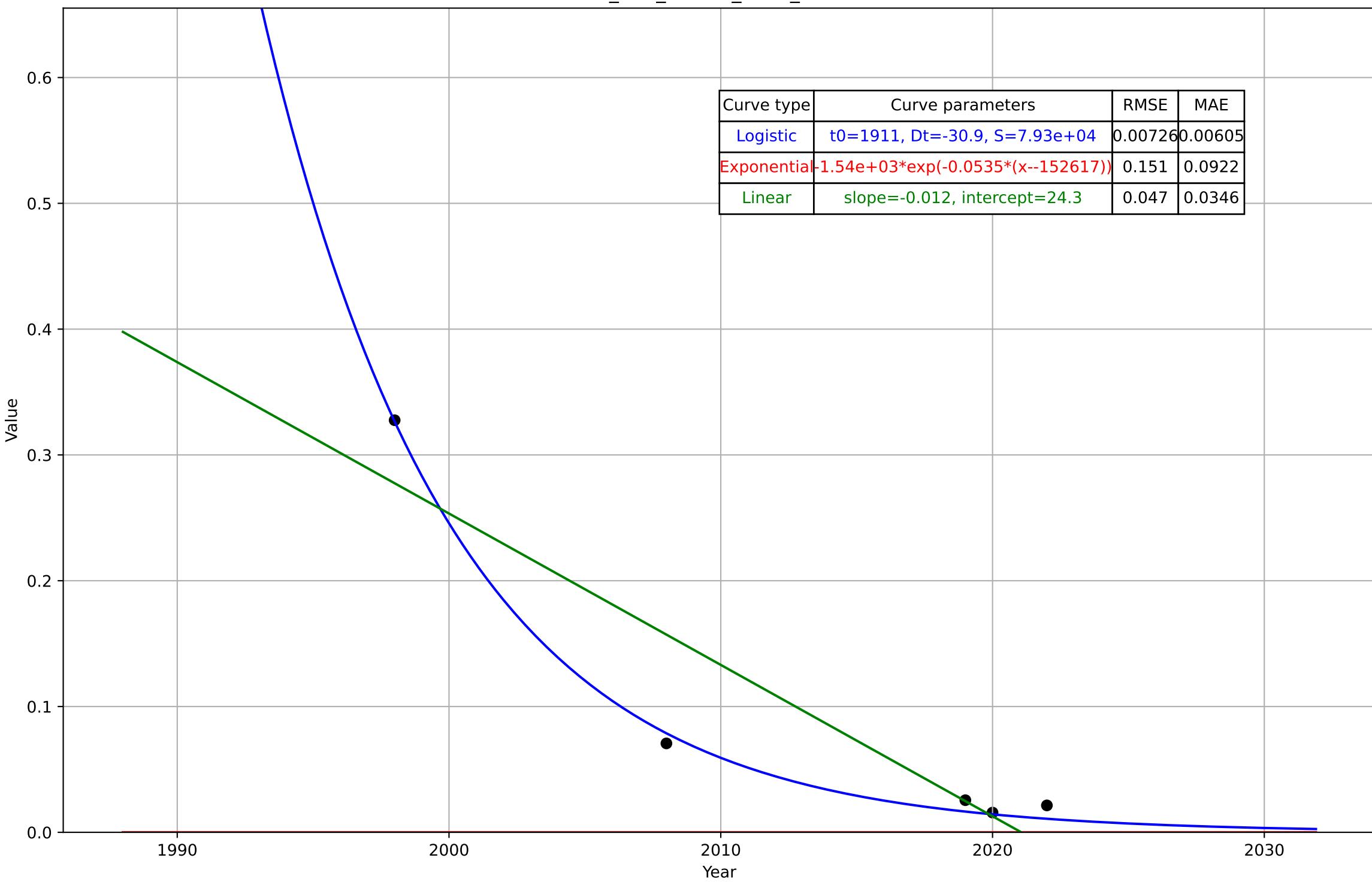
drivers license
Washington DC
1.1
% of population (residents) holding a drivers licence
% of population
Adoption over time
dri_was_1.1Ado_d029_m066
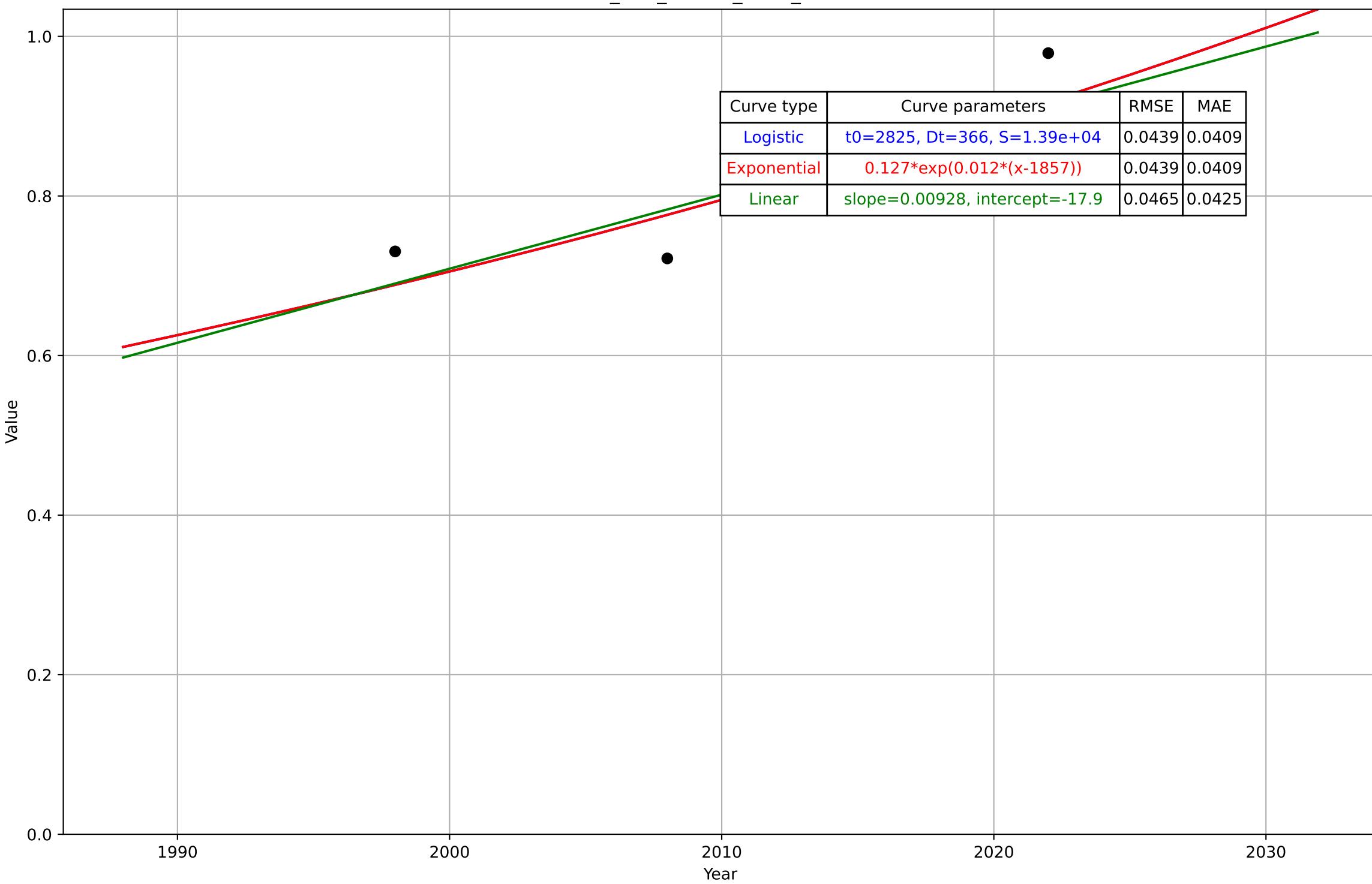
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1967, Dt=204, S=0.946	0.0408	0.0334
Exponential	0.609*exp(0.00843*(x-1997))	0.0424	0.0344
Linear	slope=0.00477, intercept=-8.91	0.041	0.0332

drivers license
## Washington DC
3.2
% of population holding a drivers licence, by age group
% of 20-24 yr olds
Adopter characteristics
dri_was_3.2Adc_d031_m050

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1760, Dt=-85.9, S=1.56e+05	0.0228	0.0212
Exponential	-1.54e+03*exp(-0.00121*(x--152666))	0.469	0.416
Linear	slope=-0.023, intercept=46.7	0.0512	0.0422

drivers license
Washington DC
3.2
% of population holding a drivers licence, by age group
% of <=19 yr olds
Adopter characteristics
dri_was_3.2Adc_d031_m036

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1911, Dt=-30.9, S=7.93e+04	0.00726	0.00605
Exponential	-1.54e+03*exp(-0.0535*(x--152617))	0.151	0.0922
Linear	slope=-0.012, intercept=24.3	0.047	0.0346

drivers license
Washington DC
3.2
% of population holding a drivers licence, by gender
% of female population
Adopter characteristics
dri_was_3.2Adc_d032_m058

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2825, Dt=366, S=1.39e+04	0.0439	0.0409
Exponential	0.127*exp(0.012*(x-1857))	0.0439	0.0409
Linear	slope=0.00928, intercept=-17.9	0.0465	0.0425

drivers license
Washington DC
3.2
### % of population holding a drivers licence, by gender
% of male population
Adopter characteristics
dri_was_3.2Adc_d032_m064

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=4071, Dt=1.2e+03, S=1.75e+03	0.05	0.0406
Exponential	3.35*exp(0.00367*(x-2368))	0.05	0.0406
Linear	slope=0.0032, intercept=-5.54	0.0503	0.0407
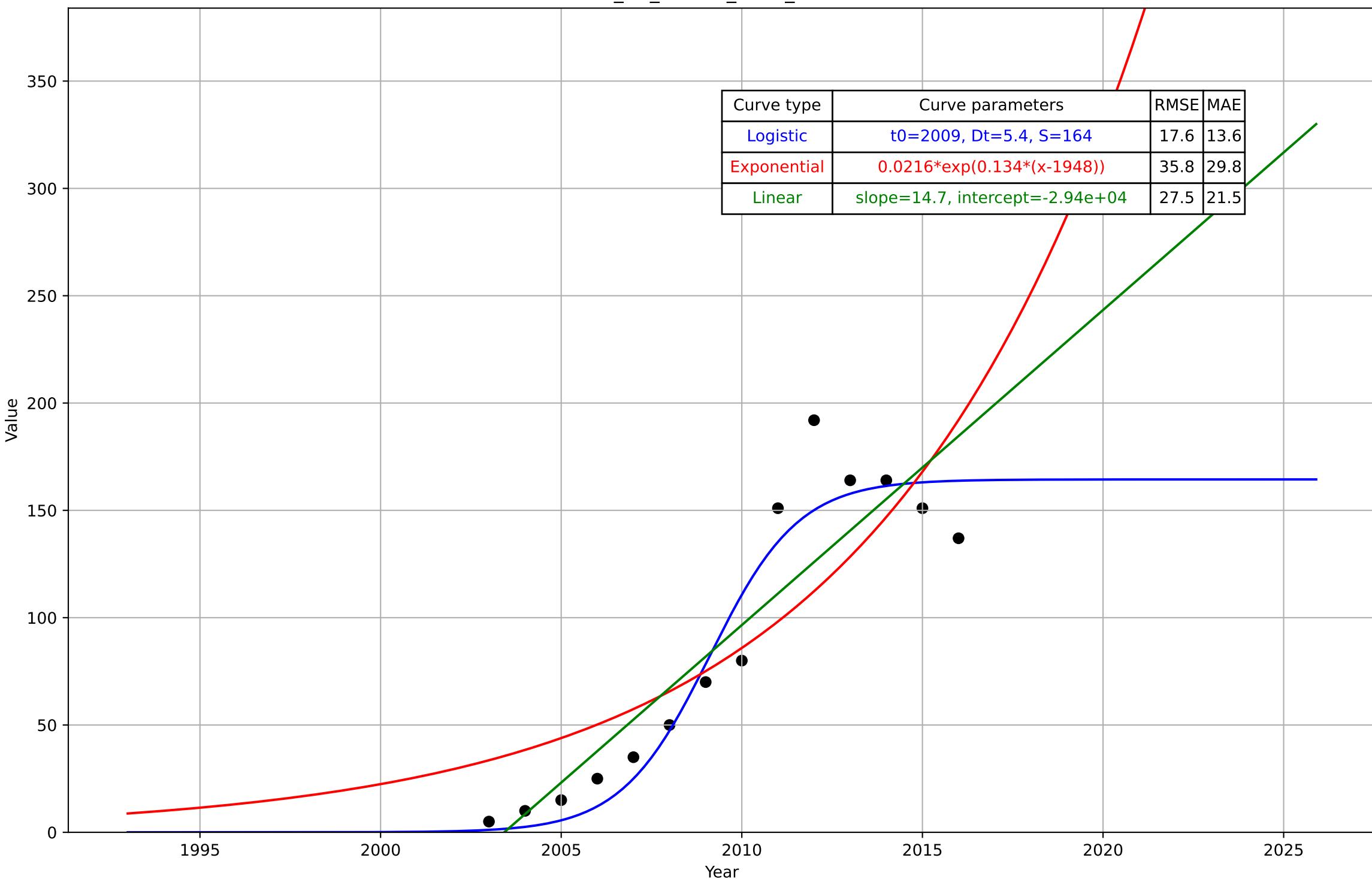
firm ESG reporting
Africa
1.1
Voluntary adoption of GRI reporting
of companies
Adoption over time
fir_afr_1.1Ado_d210_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=5.4, S=164	17.6	13.6
Exponential	0.0216*exp(0.134*(x-1948))	35.8	29.8
Linear	slope=14.7, intercept=-2.94e+04	27.5	21.5
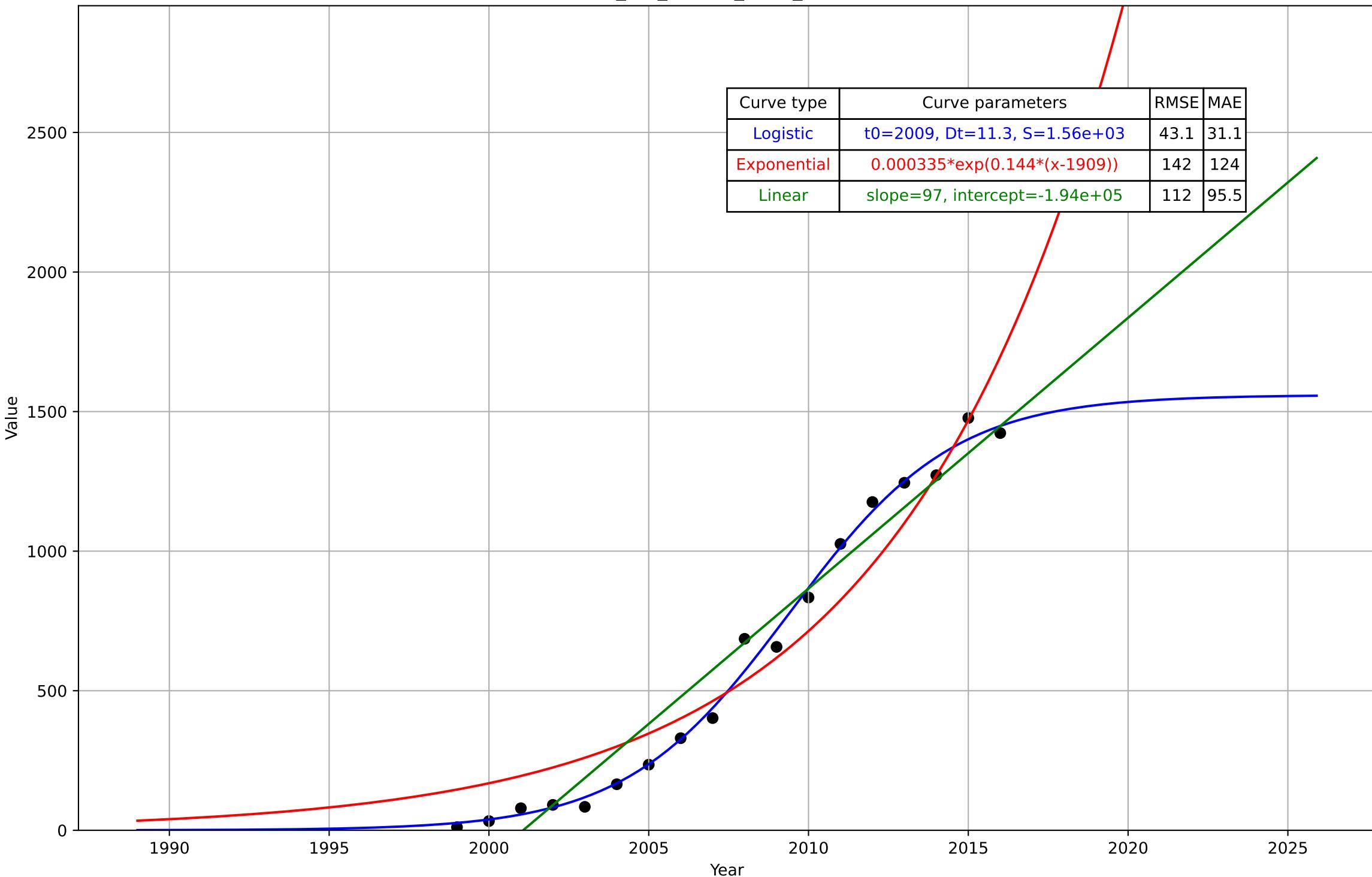
firm ESG reporting
Asia
1.1
Voluntary adoption of GRI reporting
of companies
Adoption over time
fir_asi_1.1Ado_d210_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2016, Dt=14.2, S=3.12e+03	49.3	33.3
Exponential	6.22e-07*exp(0.227*(x-1920))	61.2	49.6
Linear	slope=88.8, intercept=-1.78e+05	193	165
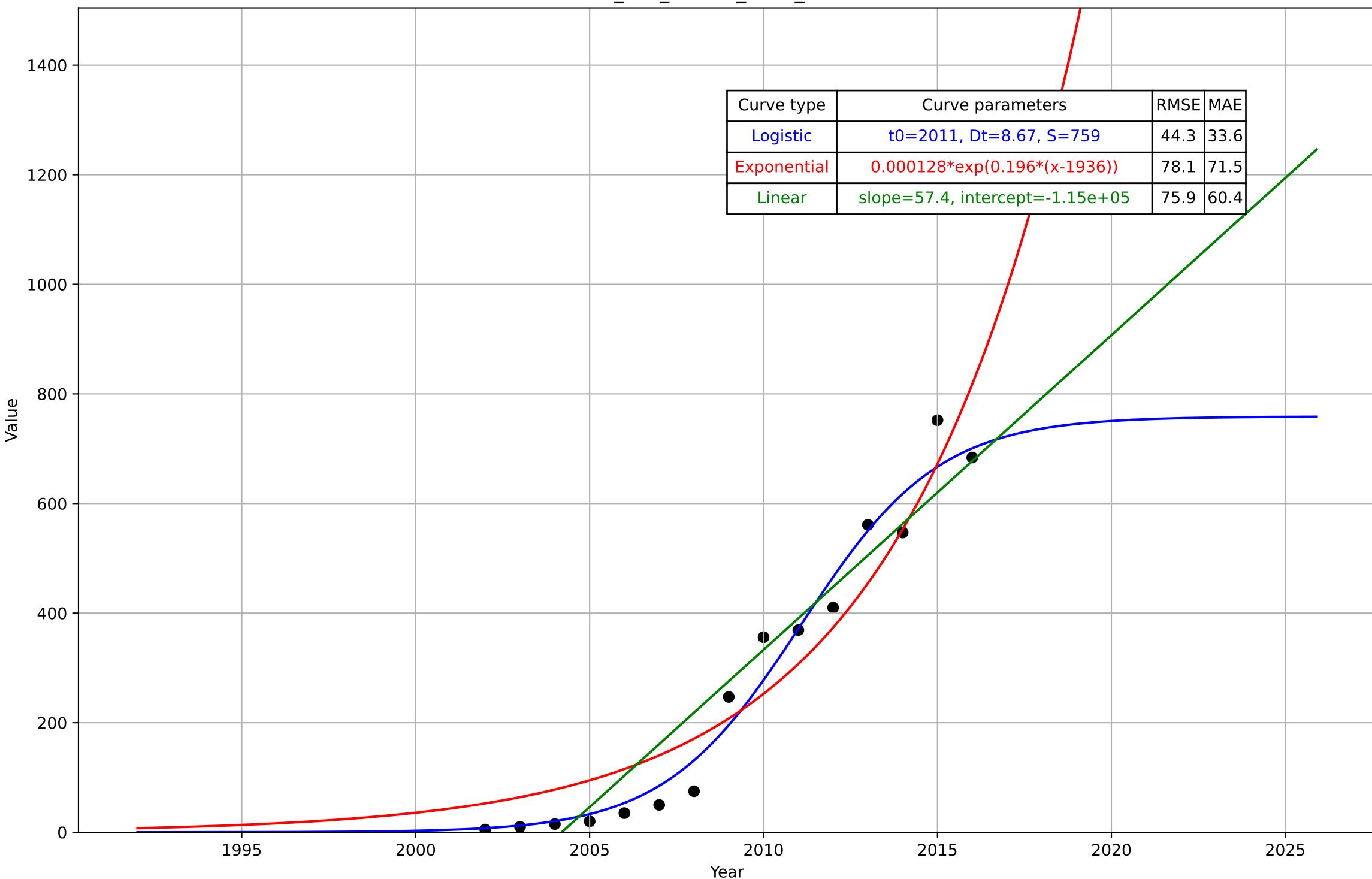
firm ESG reporting
Europe
1.1
Voluntary adoption of GRI reporting
of companies
Adoption over time
fir_eur_1.1Ado_d210_m014
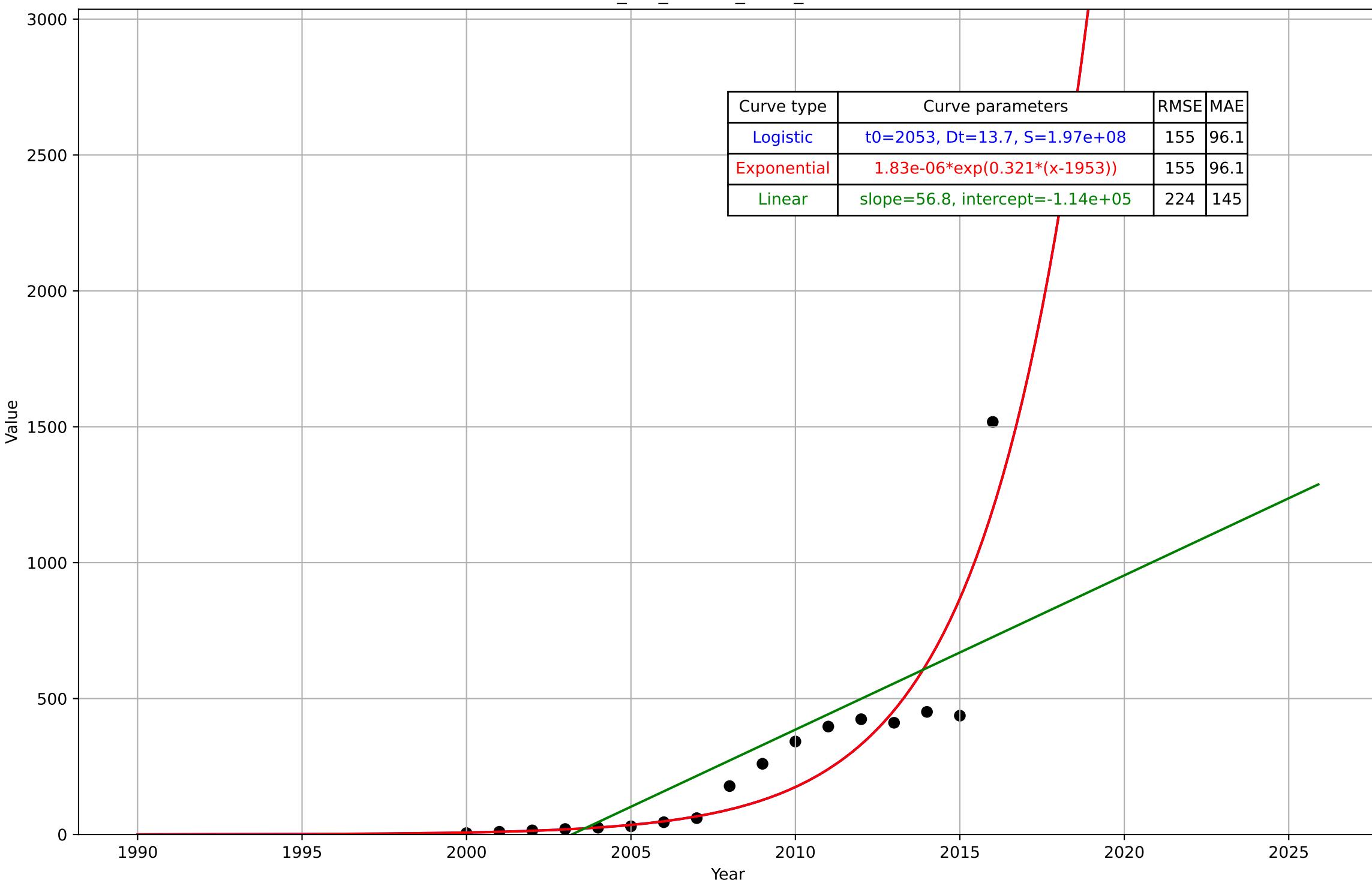
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2009, Dt=11.3, S=1.56e+03	43.1	31.1
Exponential	0.000335*exp(0.144*(x-1909))	142	124
Linear	slope=97, intercept=-1.94e+05	112	95.5
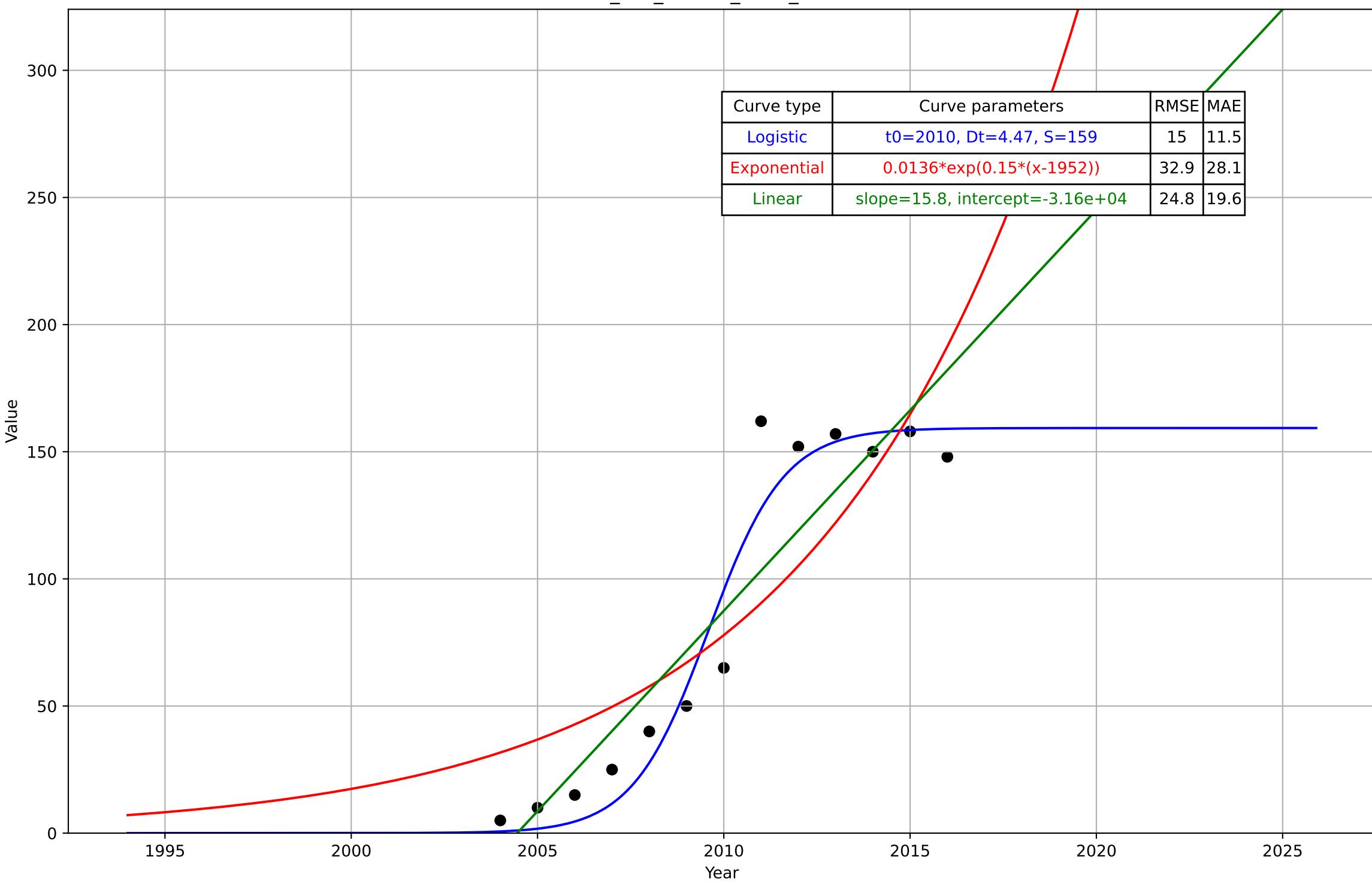
firm ESG reporting
LatinAmericaCarib
1.1
Voluntary adoption of GRI reporting
of companies
Adoption over time
fir_lam_1.1Ado_d210_m014

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=8.67, S=759	44.3	33.6
Exponential	0.000128*exp(0.196*(x-1936))	78.1	71.5
Linear	slope=57.4, intercept=-1.15e+05	75.9	60.4
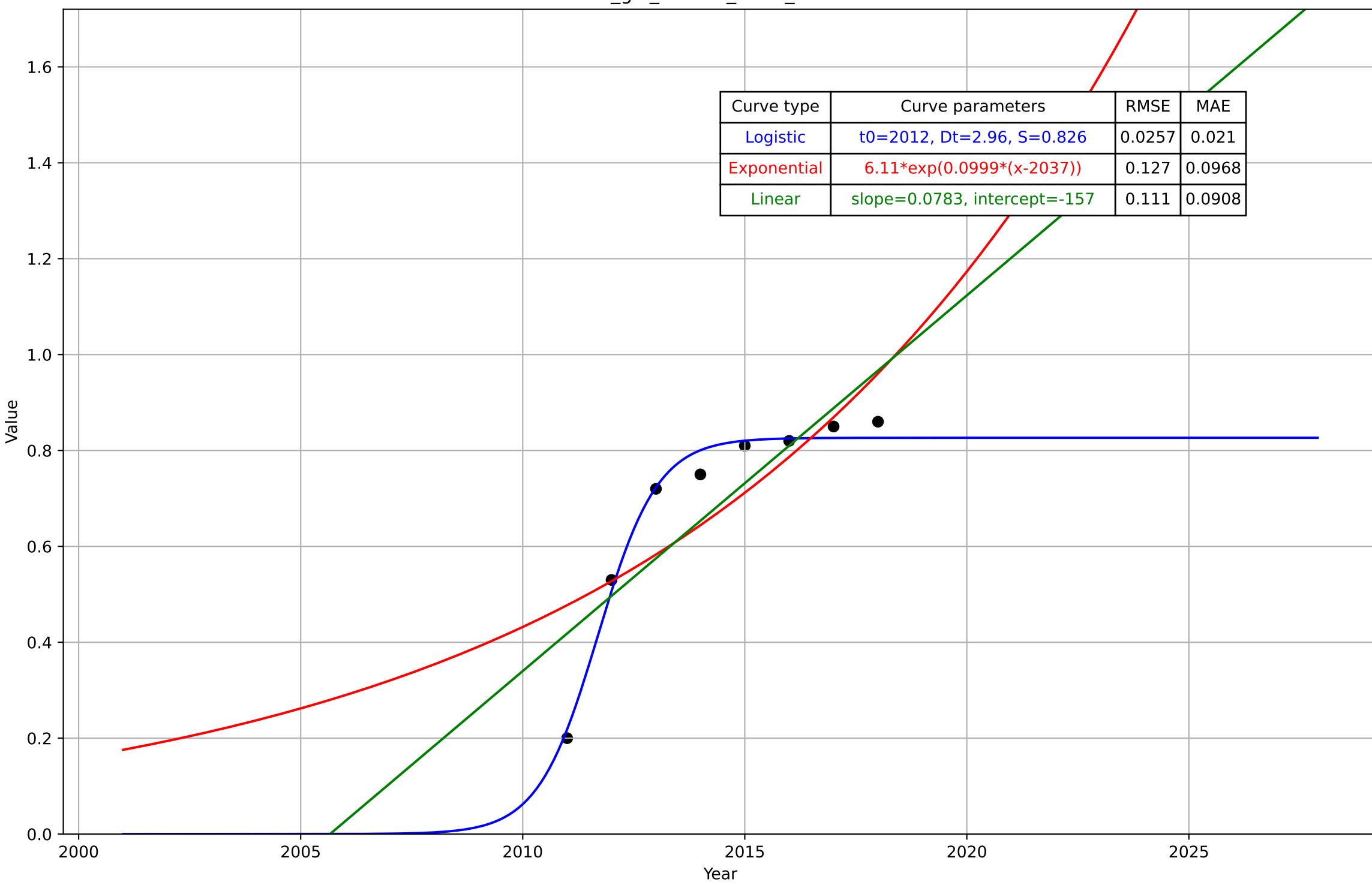
firm ESG reporting
North America
1.1
Voluntary adoption of GRI reporting
# of companies
Adoption over time
fir_nor_1.1Ado_d210_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2053, Dt=13.7, S=1.97e+08	155	96.1
Exponential	1.83e-06*exp(0.321*(x-1953))	155	96.1
Linear	slope=56.8, intercept=-1.14e+05	224	145
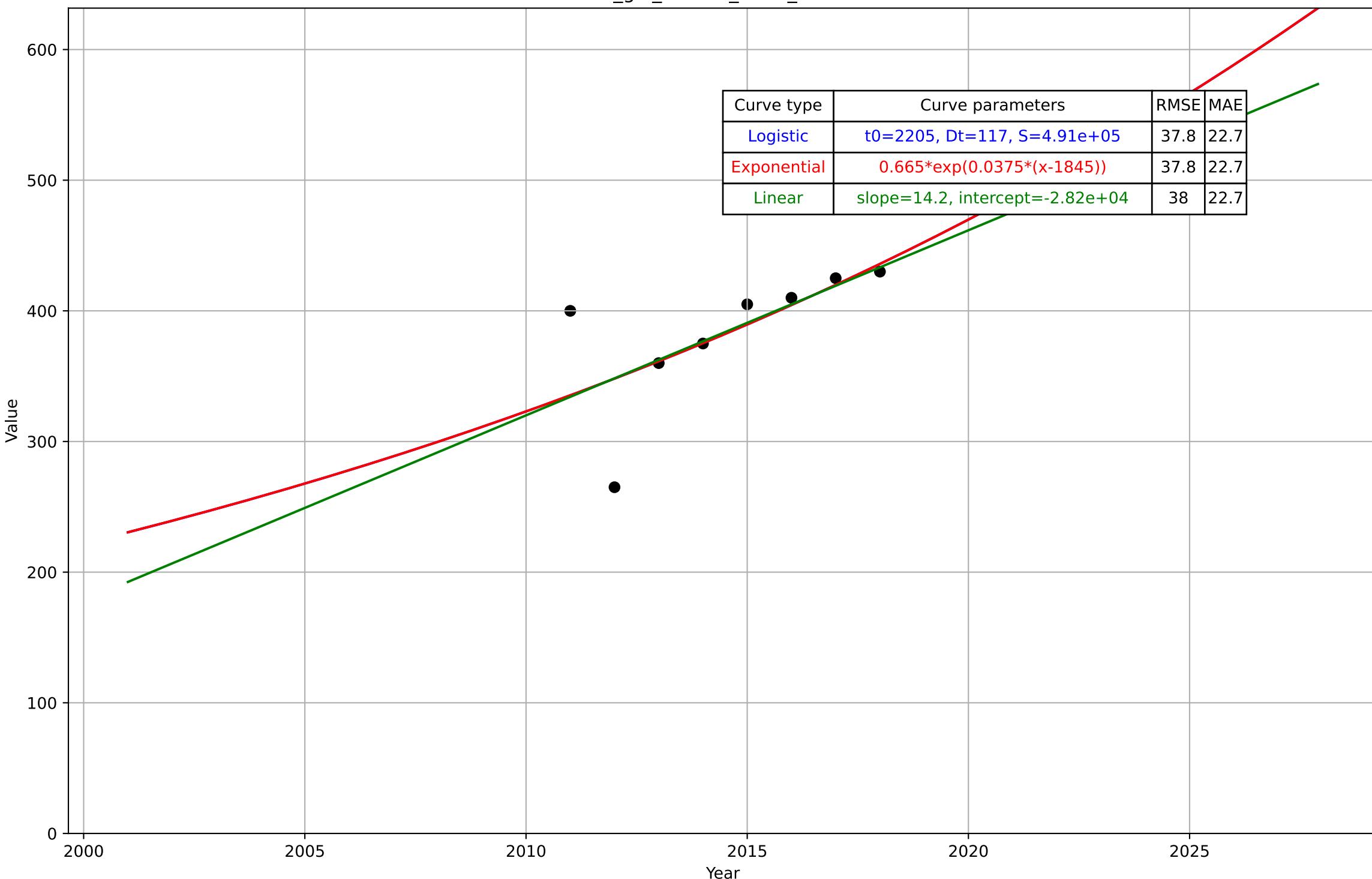
firm ESG reporting
Oceania
1.1
Voluntary adoption of GRI reporting
of companies
## Adoption over time
fir_oce_1.1Ado_d210_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=4.47, S=159	15	11.5
Exponential	0.0136*exp(0.15*(x-1952))	32.9	28.1
Linear	slope=15.8, intercept=-3.16e+04	24.8	19.6

firm ESG reporting
global
1.1
% of S&P 500 companies with sustainability reporting (all standards)
% of companies
Adoption over time
fir_glo_1.1Ado_d033_m056

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=2.96, S=0.826	0.0257	0.021
Exponential	6.11*exp(0.0999*(x-2037))	0.127	0.0968
Linear	slope=0.0783, intercept=-157	0.111	0.0908
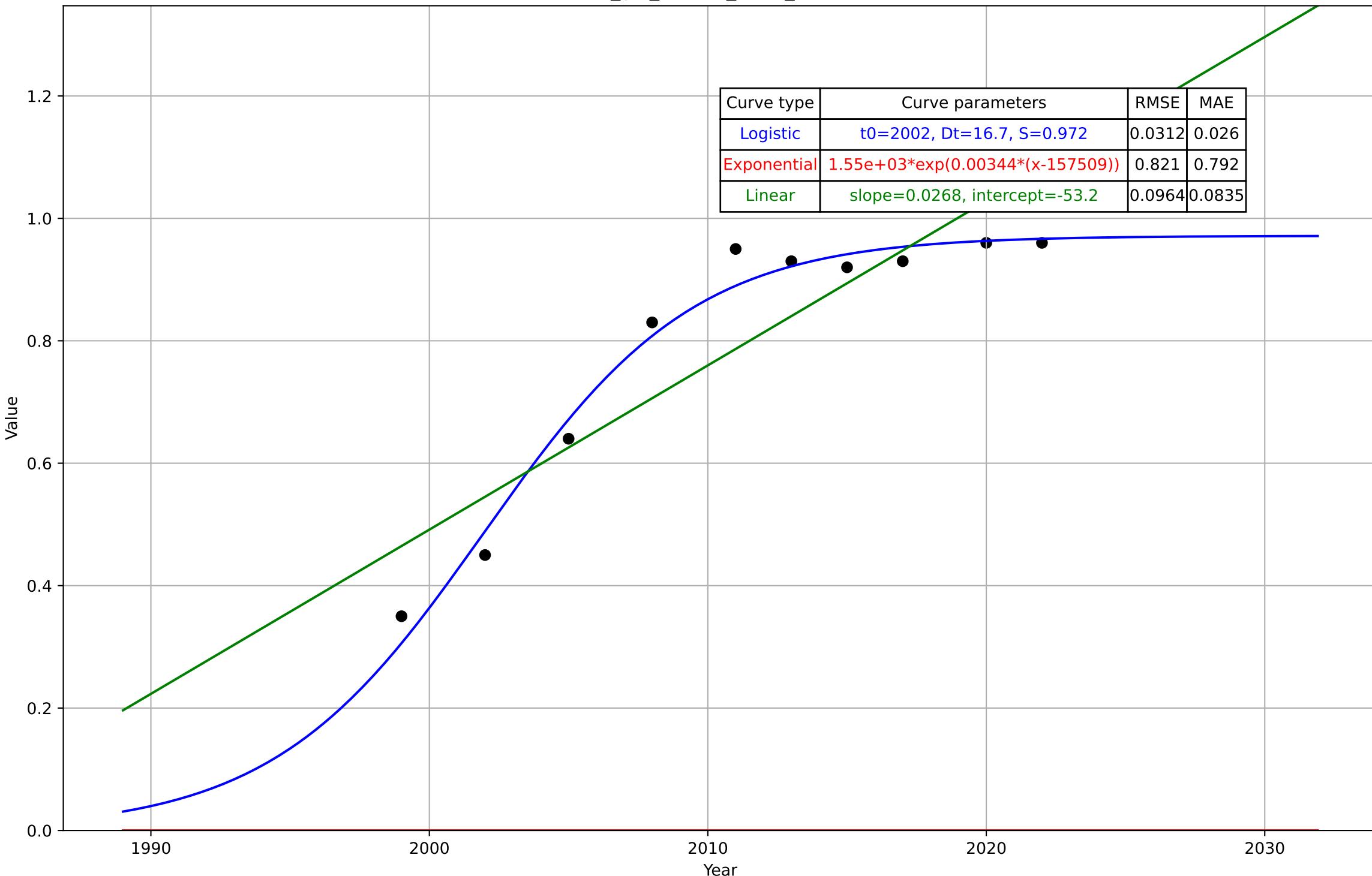
firm ESG reporting
## global
1.1
S&P 500 companies with sustainability reporting (all standards)
of companies
Adoption over time
fir_glo_1.1Ado_d183_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2205, Dt=117, S=4.91e+05	37.8	22.7
Exponential	0.665*exp(0.0375*(x-1845))	37.8	22.7
Linear	slope=14.2, intercept=-2.82e+04	38	22.7
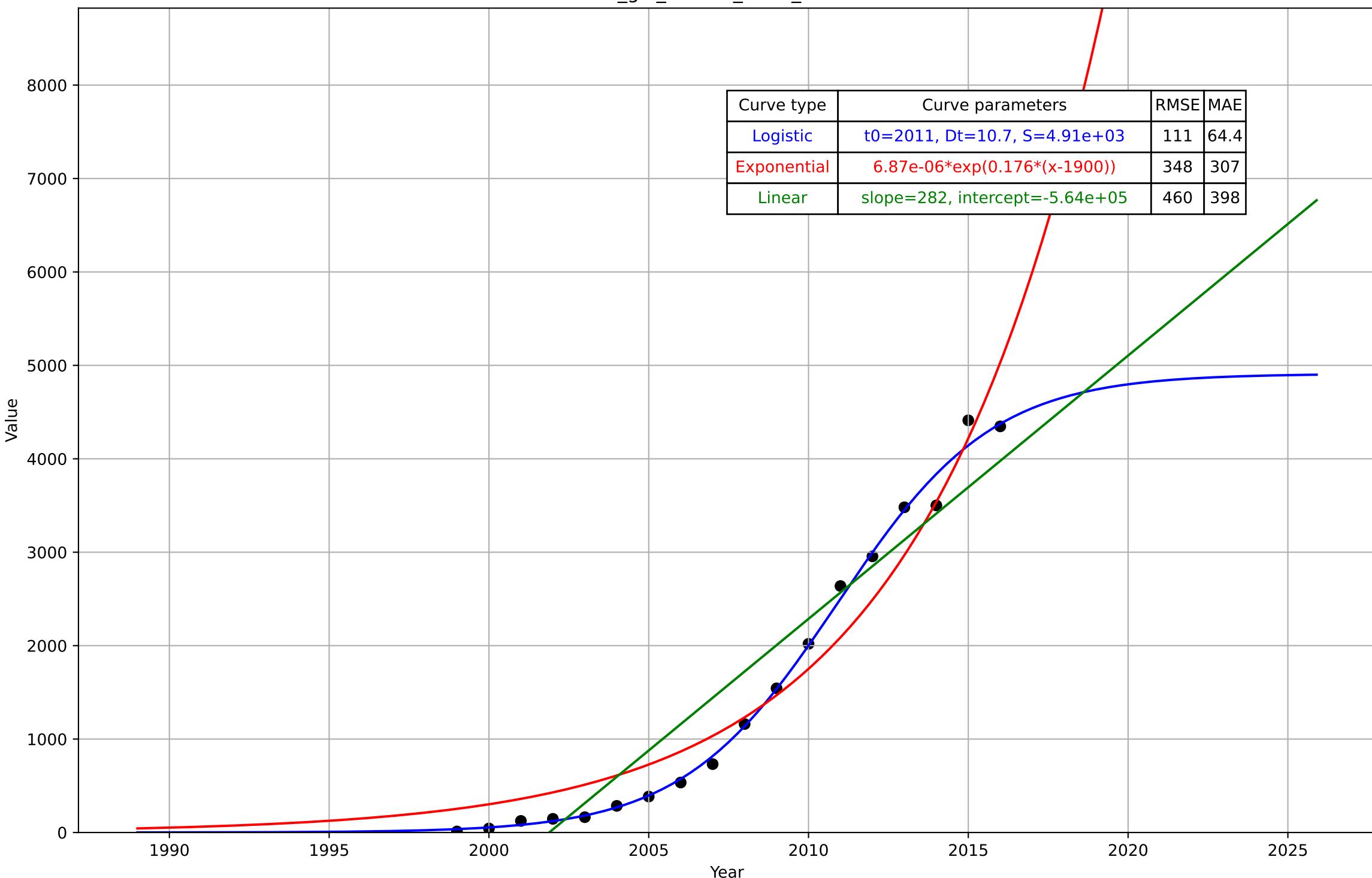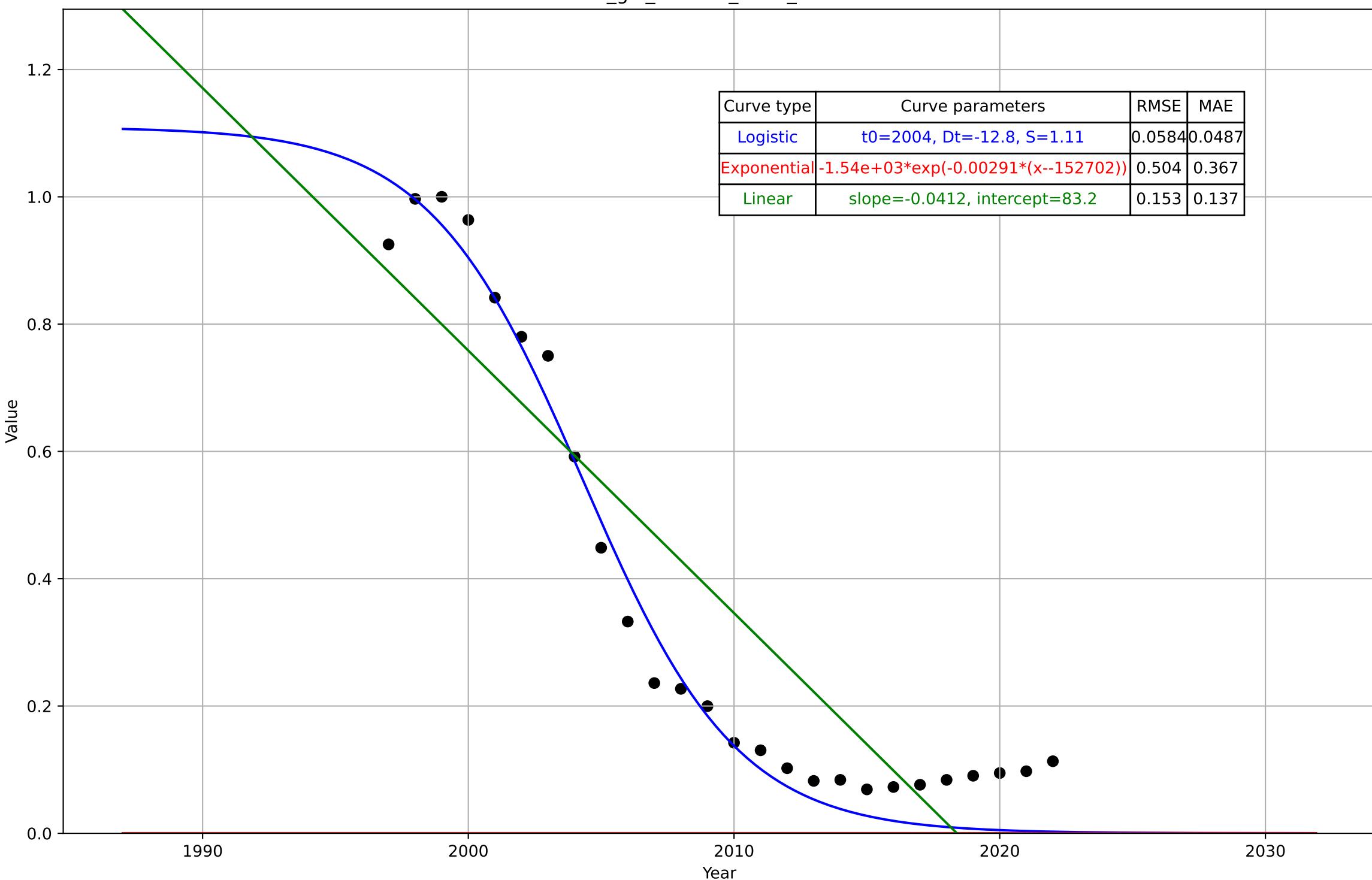
firm ESG reporting
global
1.1
Sustainability reporting by world's 250 largest companies by revenue (all standards, GRI, SASB, etc.)
% of companies
Adoption over time
fir_glo_1.1Ado_d199_m056

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=16.7, S=0.972	0.0312	0.026
Exponential	1.55e+03*exp(0.00344*(x-157509))	0.821	0.792
Linear	slope=0.0268, intercept=-53.2	0.0964	0.0835
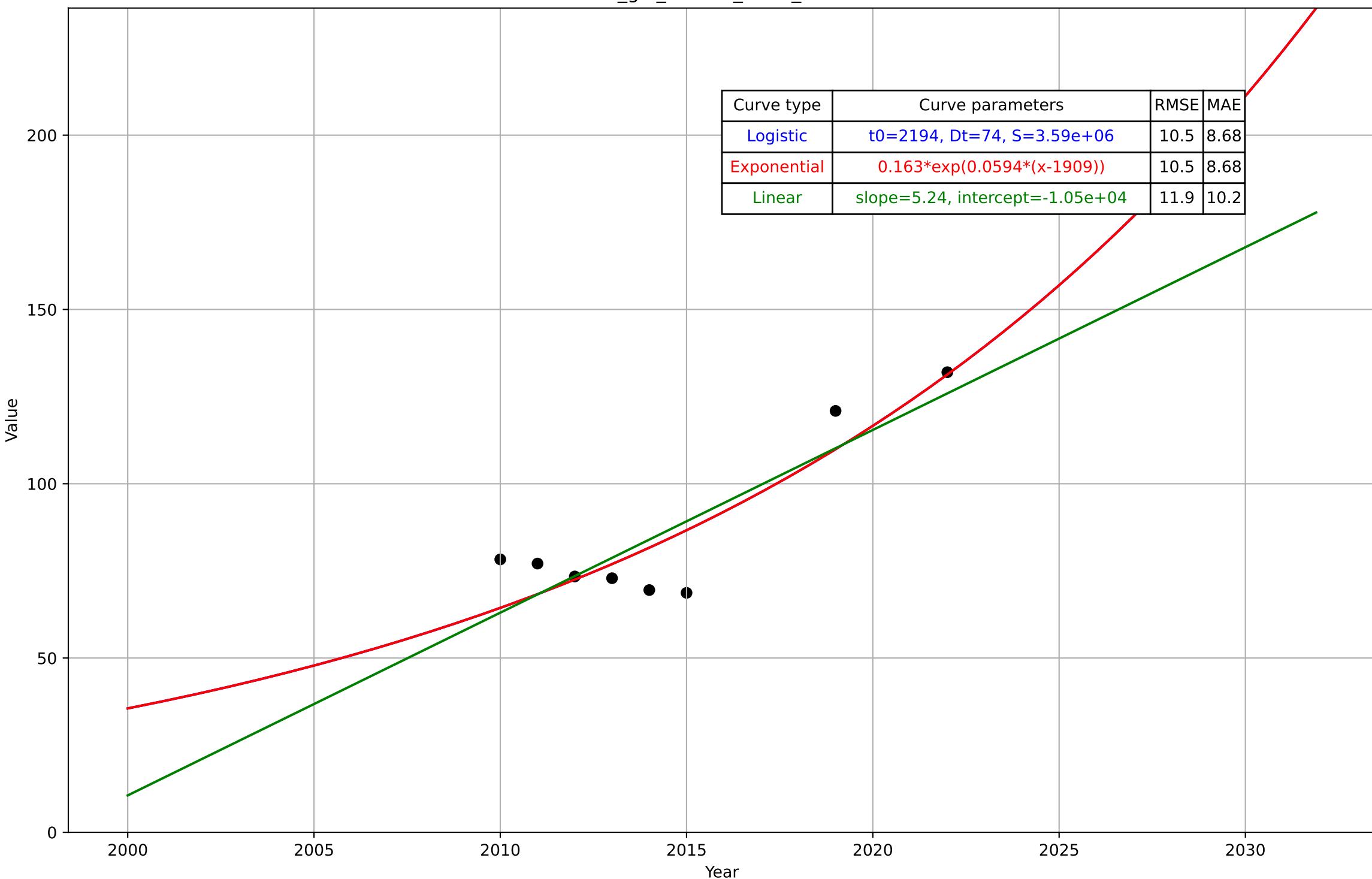
firm ESG reporting
global
1.1
Voluntary adoption of GRI reporting
of companies
Adoption over time
fir_glo_1.1Ado_d210_m014

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=10.7, S=4.91e+03	111	64.4
Exponential	6.87e-06*exp(0.176*(x-1900))	348	307
Linear	slope=282, intercept=-5.64e+05	460	398

firm ESG reporting
global
## 4.2
Frequency of the word "GRI" in a corpus (books, internet)
Frequency index to max=1
Knowledge flows
fir_glo_4.2Kme_d105_m103

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2004, Dt=-12.8, S=1.11	0.0584	0.0487
Exponential	-1.54e+03*exp(-0.00291*(x--152702))	0.504	0.367
Linear	slope=-0.0412, intercept=83.2	0.153	0.137

food waste reduction
Global
1.1
Global edible food waste per capita, total
kg/capita
Adoption over time
foo_glo_1.1Ado_d108_m113

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2194, Dt=74, S=3.59e+06	10.5	8.68
Exponential	0.163*exp(0.0594*(x-1909))	10.5	8.68
Linear	slope=5.24, intercept=-1.05e+04	11.9	10.2
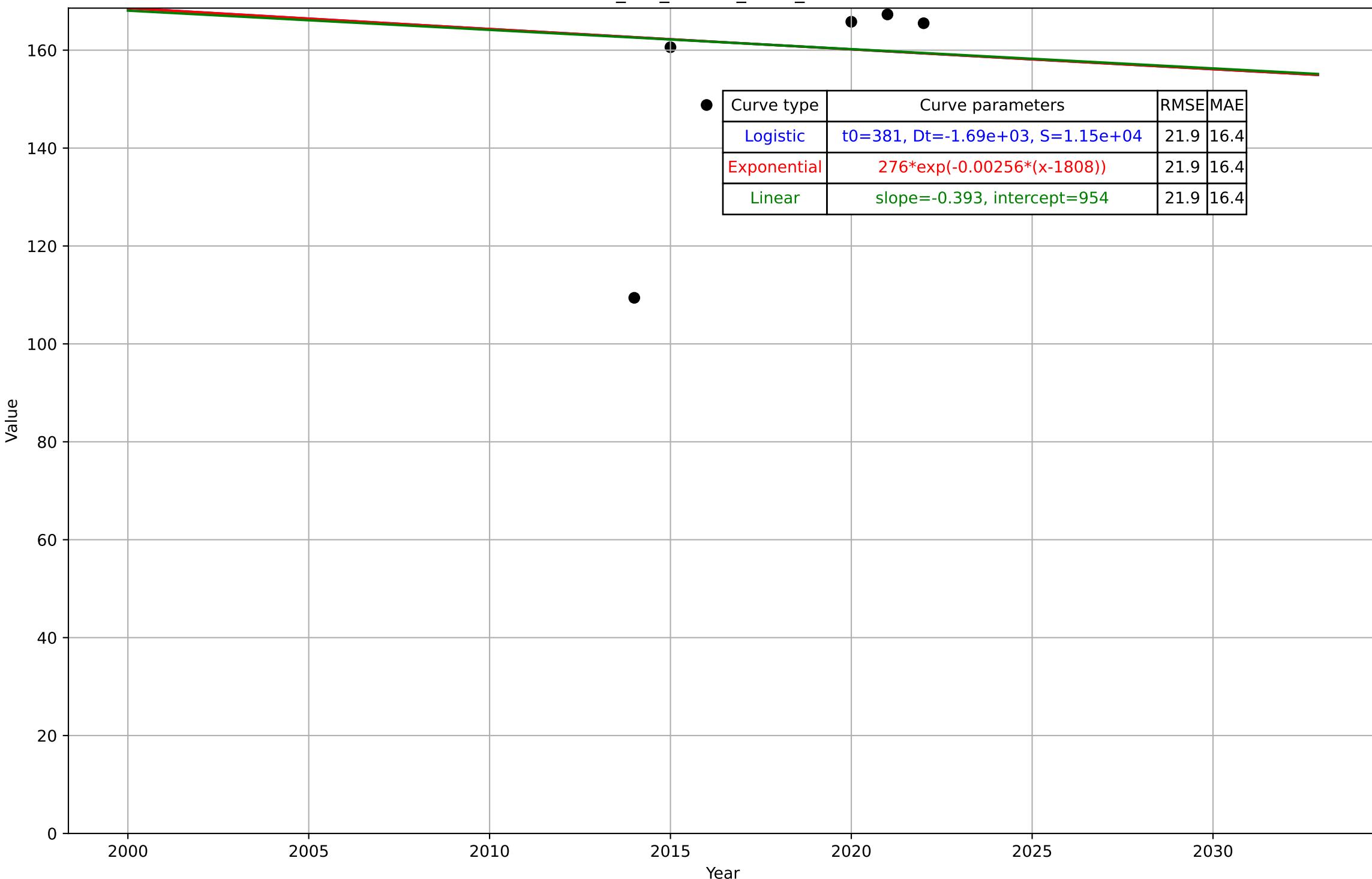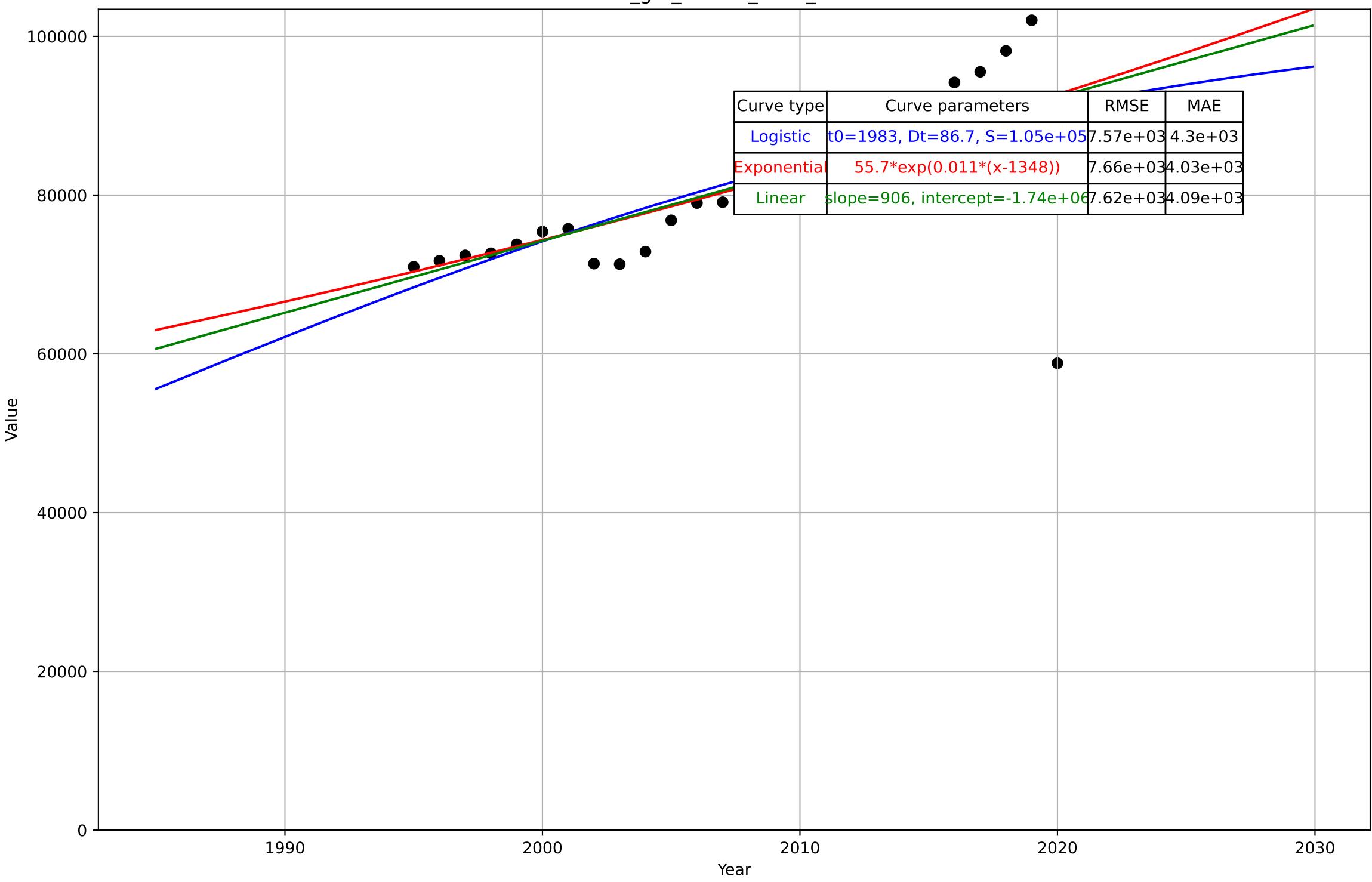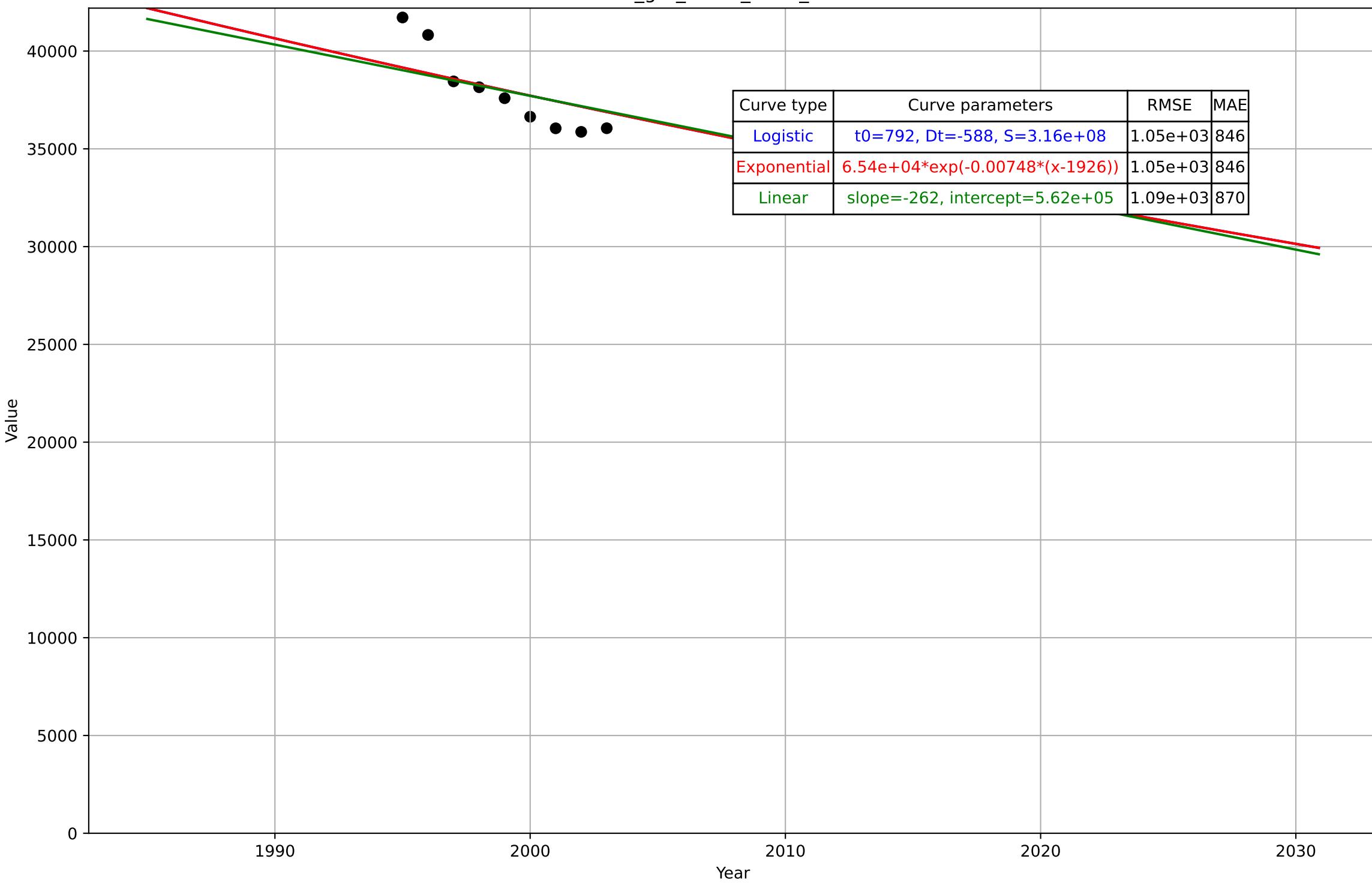
food waste reduction
USA
1.1
Food waste generated in the US
kg per capita
Adoption over time
foo_usa_1.1Ado_d100_m112

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=381, Dt=-1.69e+03, S=1.15e+04	21.9	16.4
Exponential	276*exp(-0.00256*(x-1808))	21.9	16.4
Linear	slope=-0.393, intercept=954	21.9	16.4
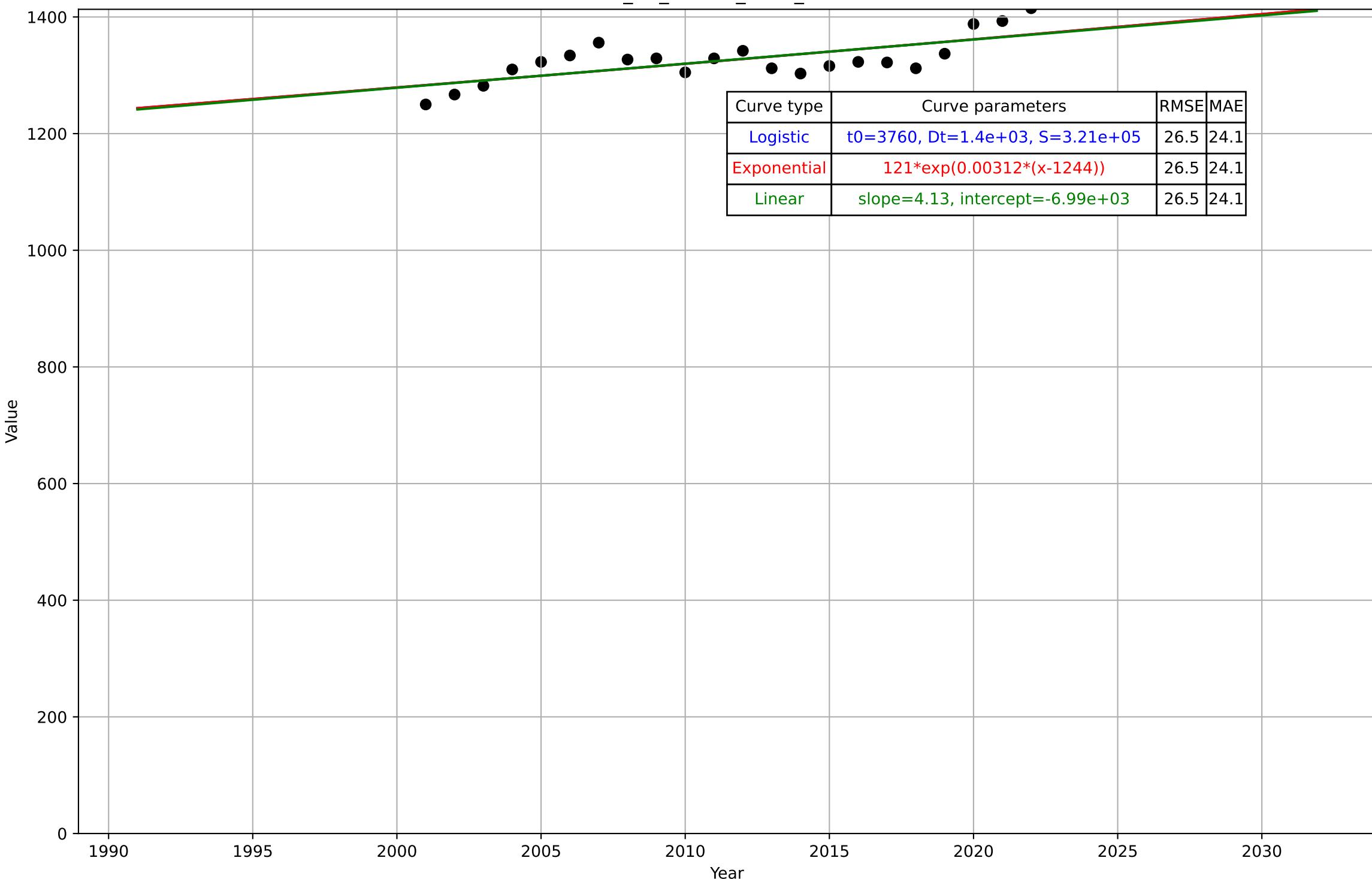
low-carbon long distance travel
Germany
1.1
Passengers carried in railways
million passenger-km
Adoption over Time
low_ger_1.1Ado_d166_m124

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1983, Dt=86.7, S=1.05e+05	7.57e+03	4.3e+03
Exponential	55.7*exp(0.011*(x-1348))	7.66e+03	4.03e+03
Linear	slope=906, intercept=-1.74e+06	7.62e+03	4.09e+03
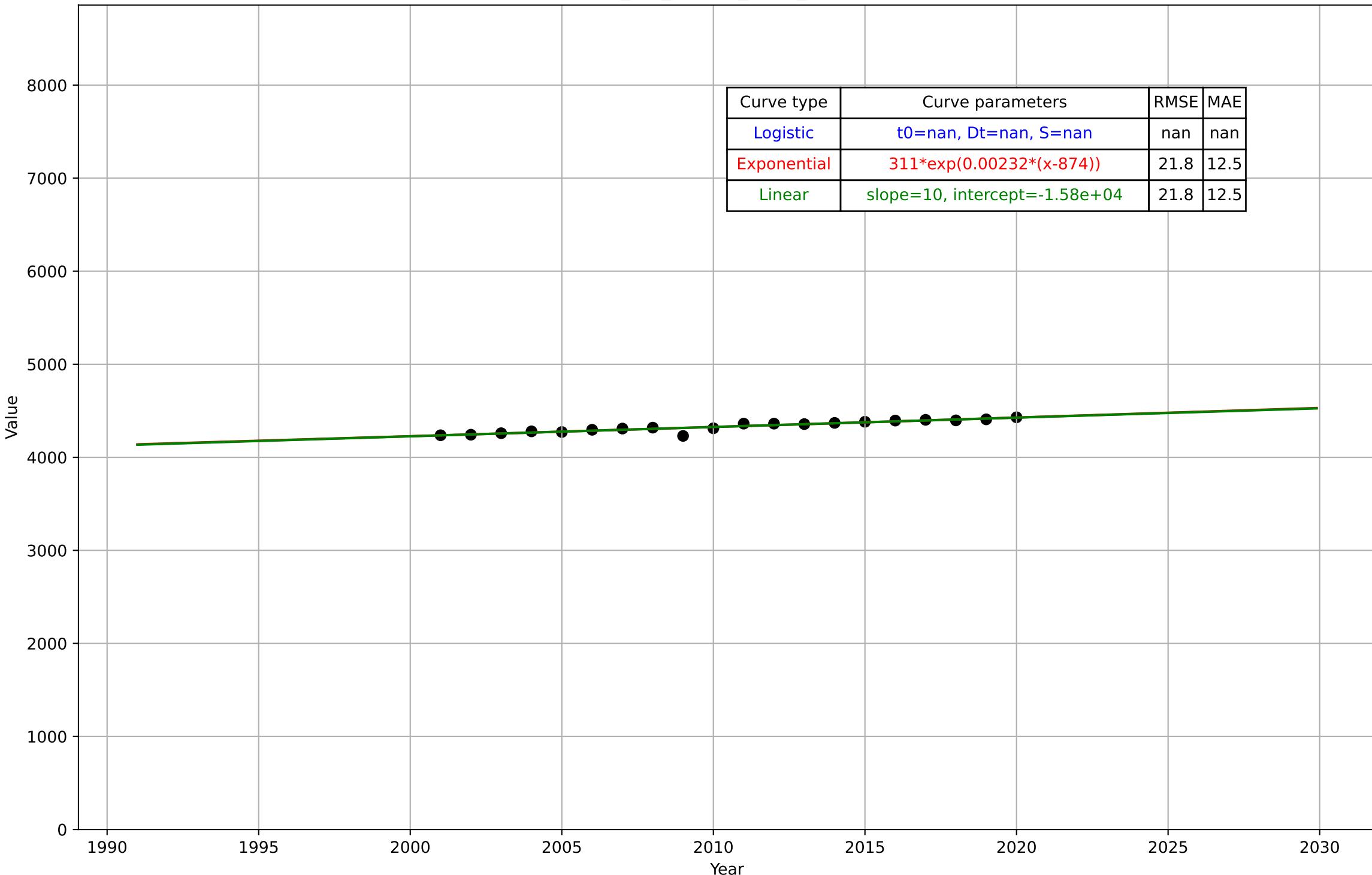
low-carbon long distance travel
Germany
4.5
rail infrastructure
Total route-km
Physical Infrastructure dependence
low_ger_4.5Inf_d178_m147

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=792, Dt=-588, S=3.16e+08	1.05e+03	846
Exponential	6.54e+04*exp(-0.00748*(x-1926))	1.05e+03	846
Linear	slope=-262, intercept=5.62e+05	1.09e+03	870
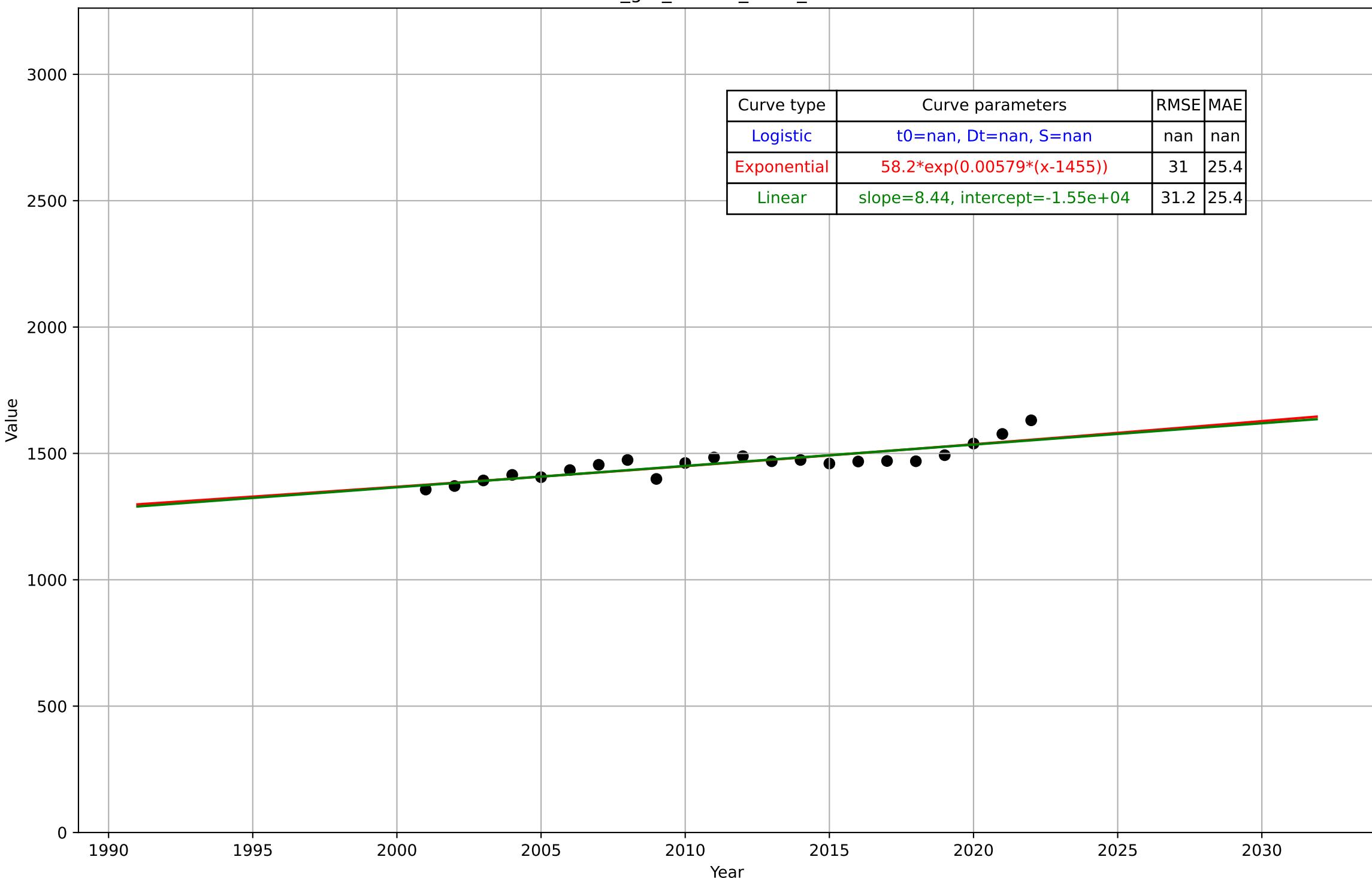
mobesity
France
1.1
Average weight of all new sales / registrations (kg)
kg
Adoption over Time
crz_fra_1.1Ado_d057_m111

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3760, Dt=1.4e+03, S=3.21e+05	26.5	24.1
Exponential	121*exp(0.00312*(x-1244))	26.5	24.1
Linear	slope=4.13, intercept=-6.99e+03	26.5	24.1
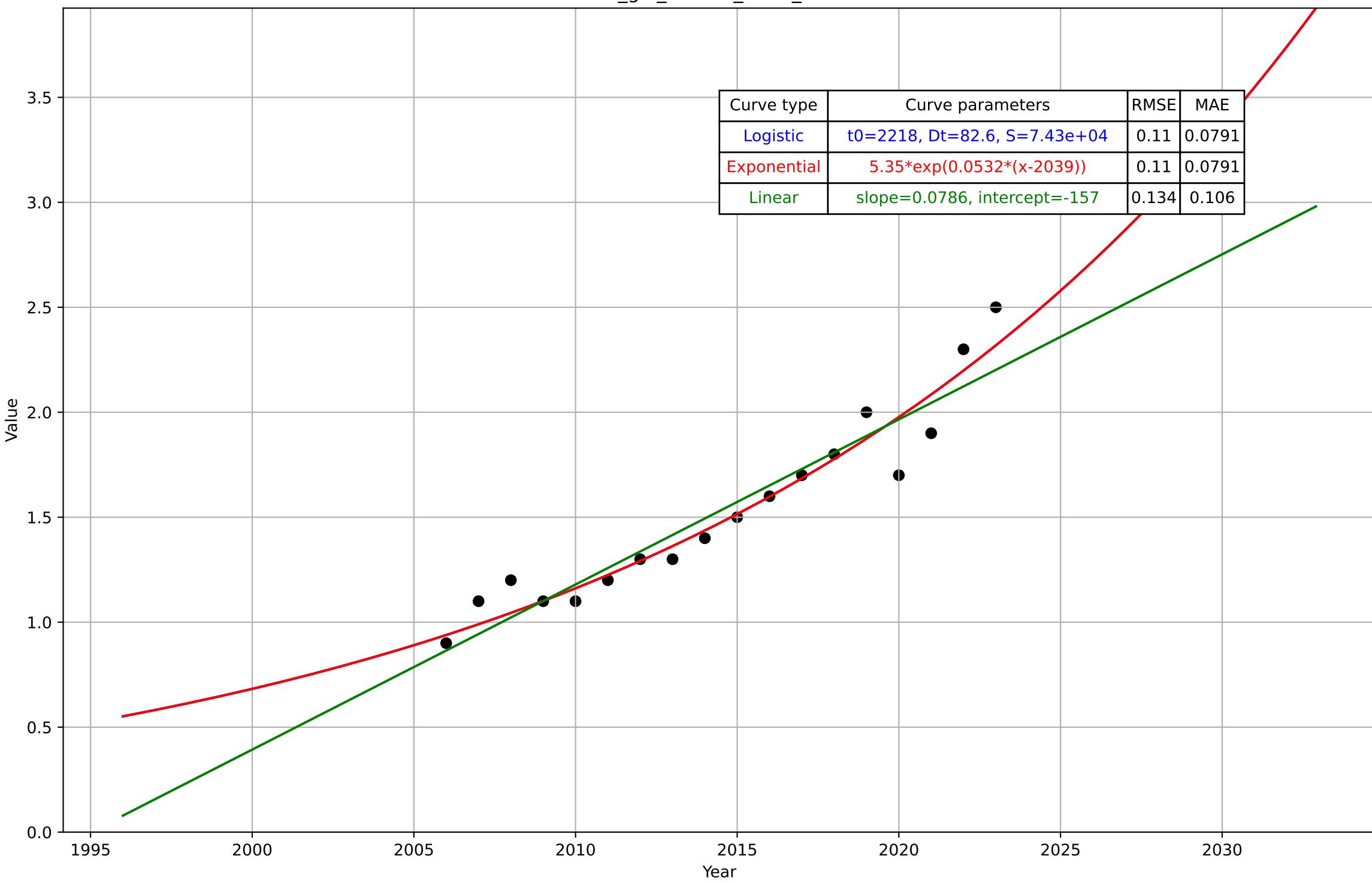
mobesity
Germany
1.1
Average length of all new car sales / registrations (kg)
mm
Adoption over Time
crz_ger_1.1Ado_d052_m129

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	311*exp(0.00232*(x-874))	21.8	12.5
Linear	slope=10, intercept=-1.58e+04	21.8	12.5

# mobesity
Germany
1.1
Average weight of all new car sales / registrations (kg)
kg
Adoption over Time
crz_ger_1.1Ado_d056_m111

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	58.2*exp(0.00579*(x-1455))	31	25.4
Linear	slope=8.44, intercept=-1.55e+04	31.2	25.4

non-cash transactions
Global
1.1
## Market size of payments worldwide (also by world region)
Total payments revenue (trillion $)
Adoption over time
non_glo_1.1Ado_d122_m146

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2218, Dt=82.6, S=7.43e+04	0.11	0.0791
Exponential	5.35*exp(0.0532*(x-2039))	0.11	0.0791
Linear	slope=0.0786, intercept=-157	0.134	0.106
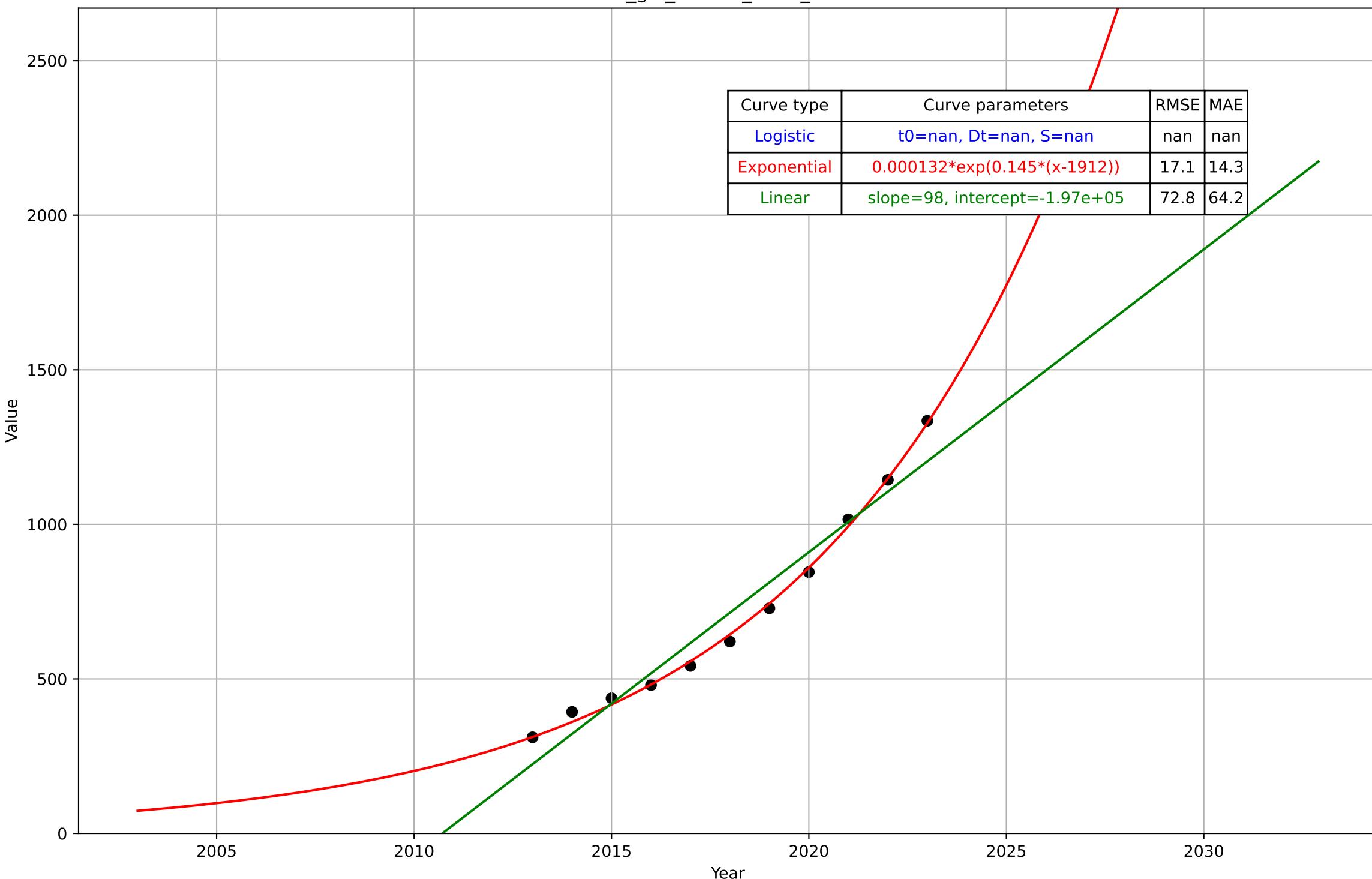
non-cash transactions
Global
## 1.1
Number of digital payments worldwide (also by world region)
Number (billion) of cashless transactions
Adoption over time
non_glo_1.1Ado_d137_m133

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	0.000132*exp(0.145*(x-1912))	17.1	14.3
Linear	slope=98, intercept=-1.97e+05	72.8	64.2
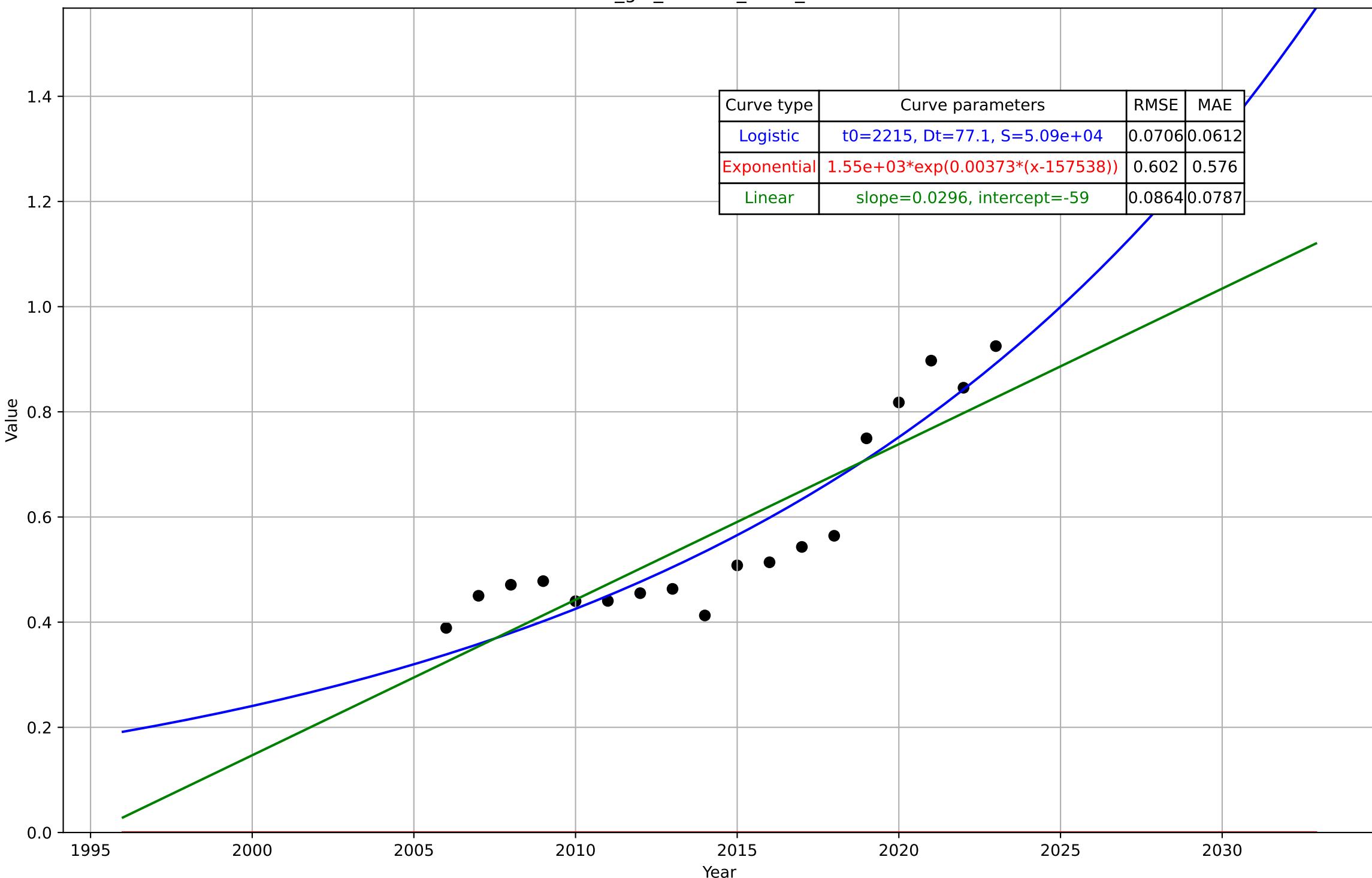
non-cash transactions
Global
4.2
Number of times "cashless society" appears in the Google Ngram corpus between 2005 and 2022
Indexed to "digital payments" (100=2022)
Knowledge flows
non_glo_4.2Kme_d146_m109

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2215, Dt=77.1, S=5.09e+04	0.0706	0.0612
Exponential	1.55e+03*exp(0.00373*(x-157538))	0.602	0.576
Linear	slope=0.0296, intercept=-59	0.0864	0.0787
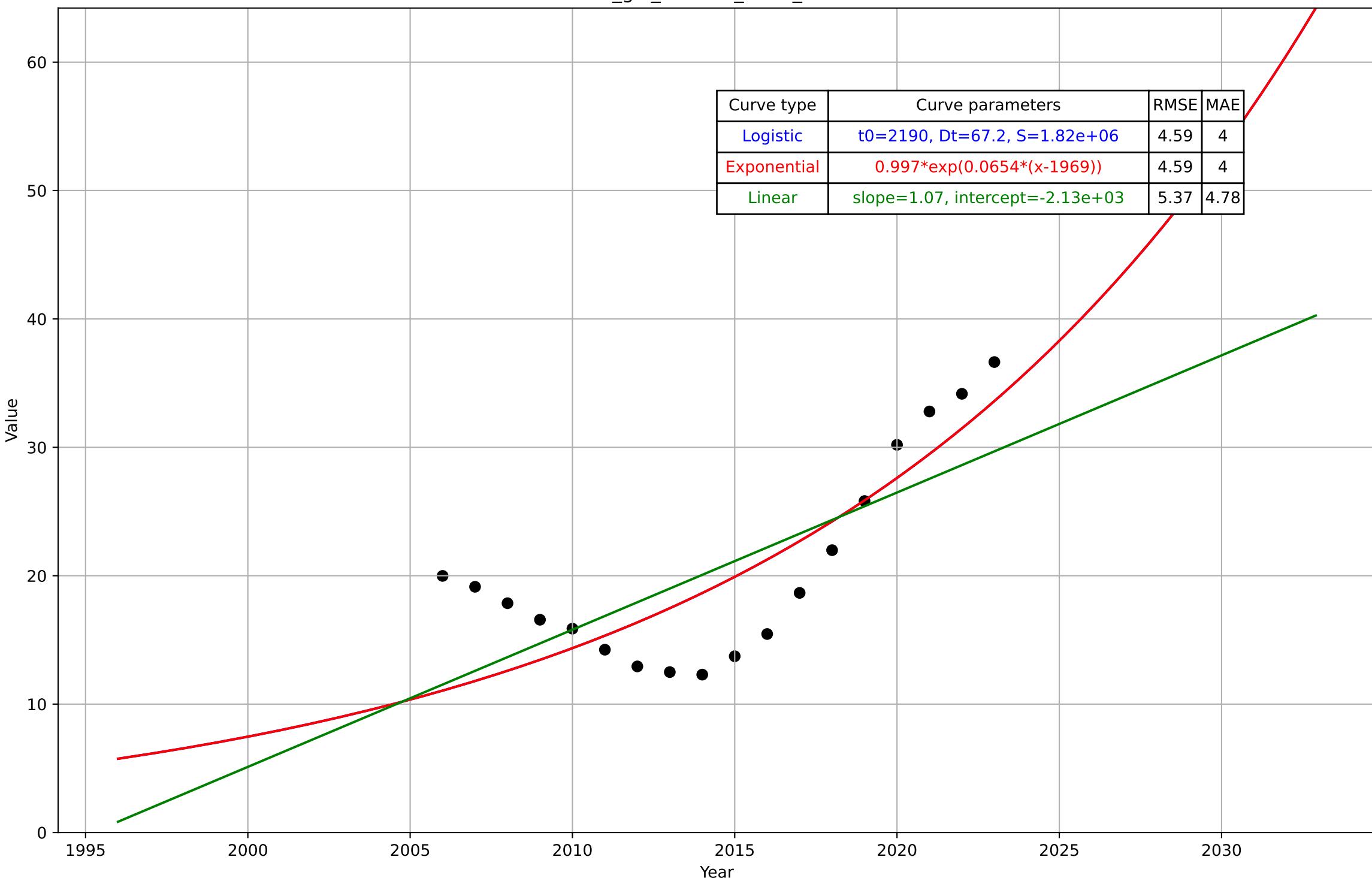
non-cash transactions
Global
4.2
Number of times "cashless" appears in the Google Ngram corpus between 2005 and 2022
Indexed to "digital payments" (100=2022)
Knowledge flows
non_glo_4.2Kme_d147_m109

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2190, Dt=67.2, S=1.82e+06	4.59	4
Exponential	0.997*exp(0.0654*(x-1969))	4.59	4
Linear	slope=1.07, intercept=-2.13e+03	5.37	4.78
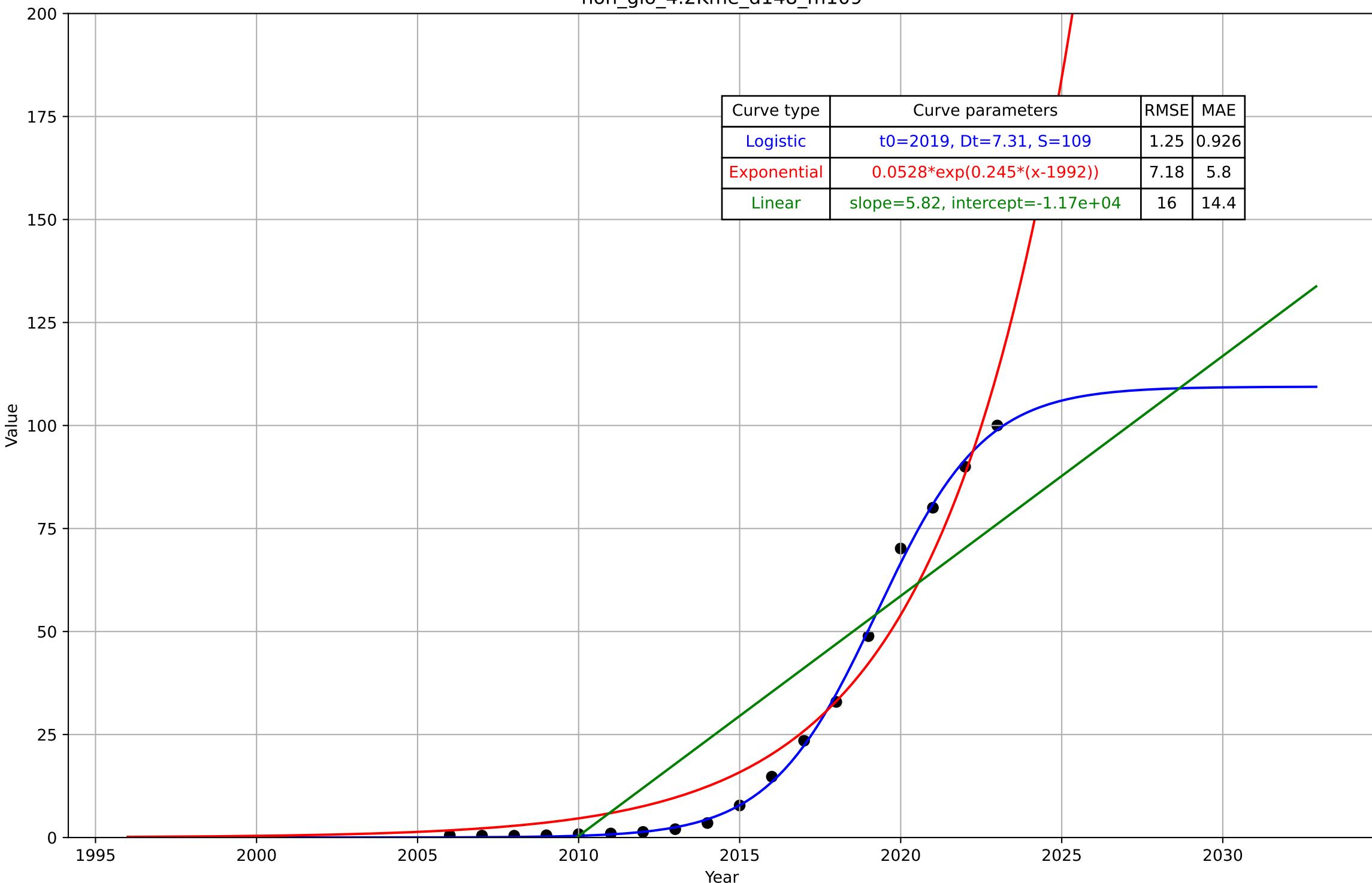
non-cash transactions
Global
4.2
Number of times "digital payments" appears in the Google Ngram corpus between 2005 and 2022
Indexed to "digital payments" (100=2022)
Knowledge flows
non_glo_4.2Kme_d148_m109
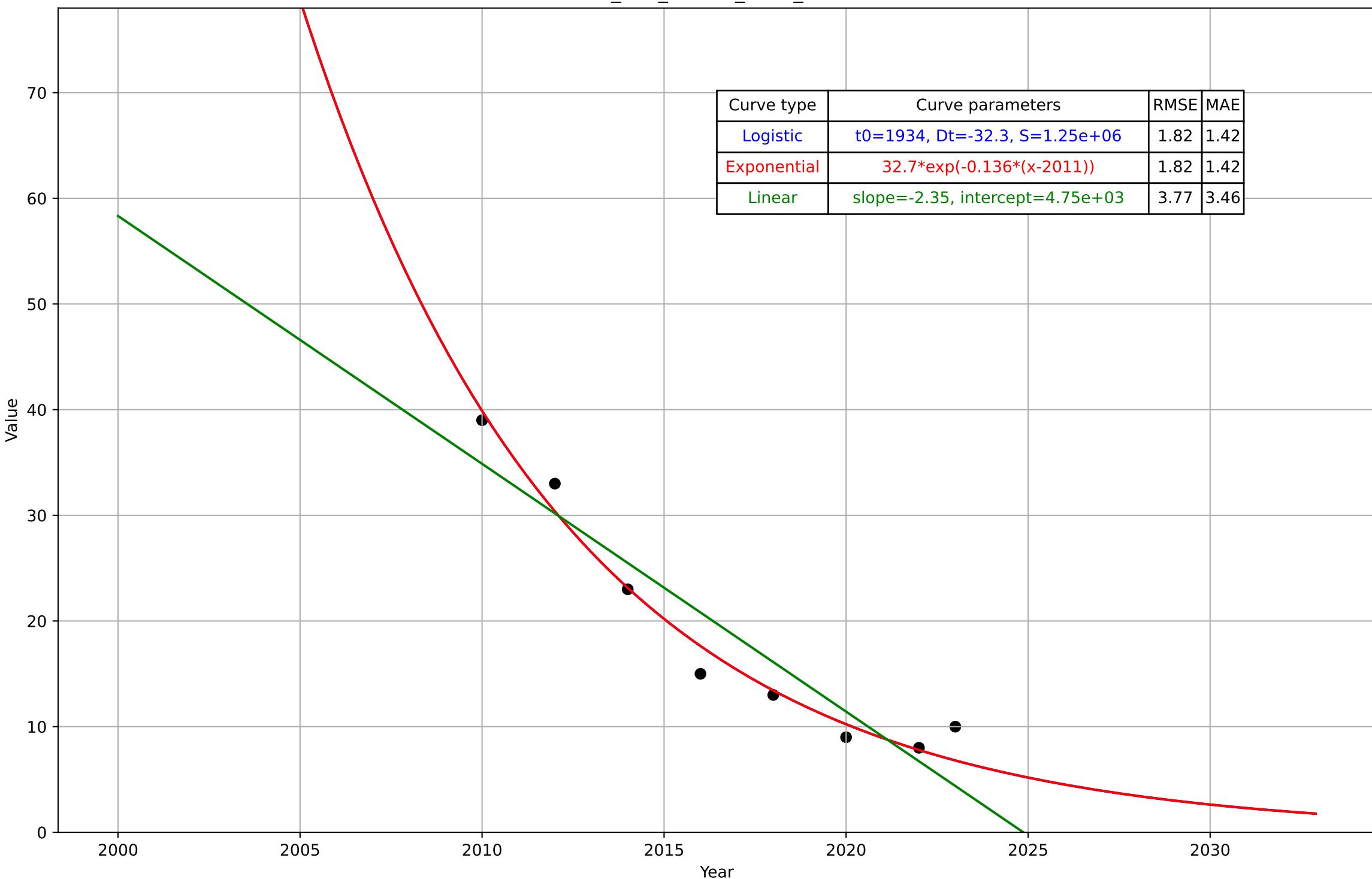
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2019, Dt=7.31, S=109	1.25	0.926
Exponential	0.0528*exp(0.245*(x-1992))	7.18	5.8
Linear	slope=5.82, intercept=-1.17e+04	16	14.4
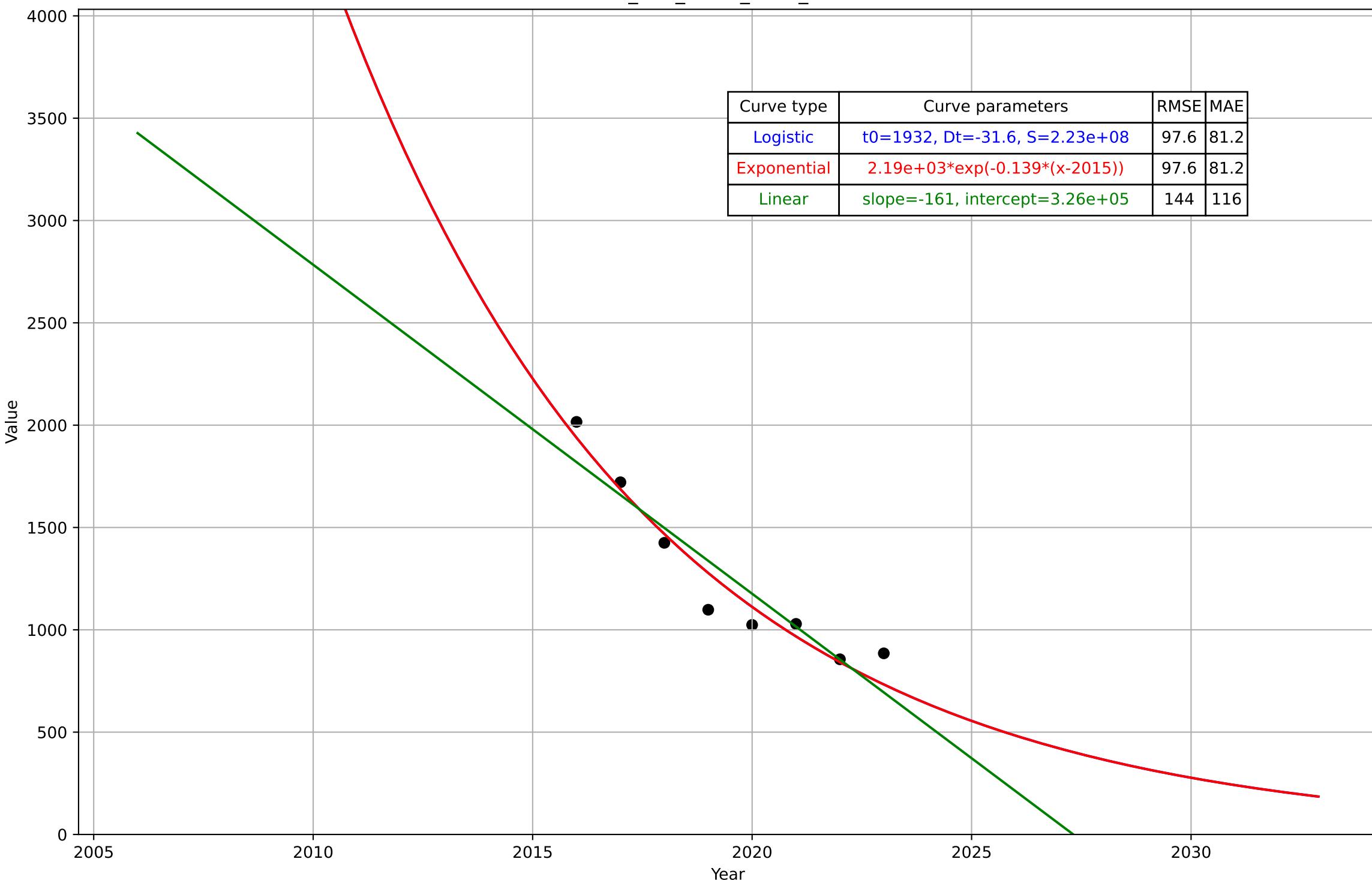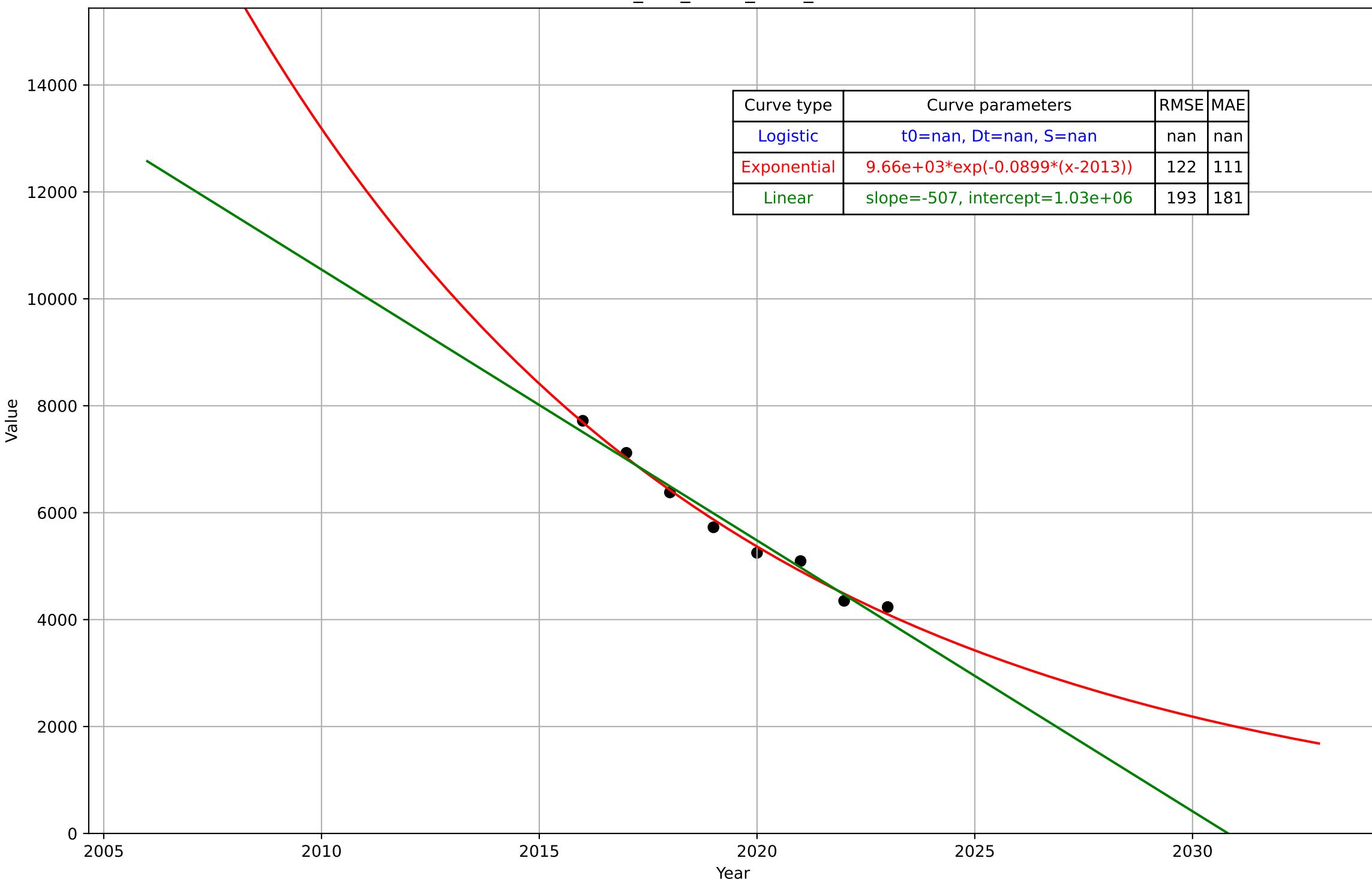
non-cash transactions
Sweden
1.1
Percentage of people who paid cash for their last in-store purchase
% most recent in-store purchase in cash
Adoption over time
non_swe_1.1Ado_d173_m035

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1934, Dt=-32.3, S=1.25e+06	1.82	1.42
Exponential	32.7*exp(-0.136*(x-2011))	1.82	1.42
Linear	slope=-2.35, intercept=4.75e+03	3.77	3.46
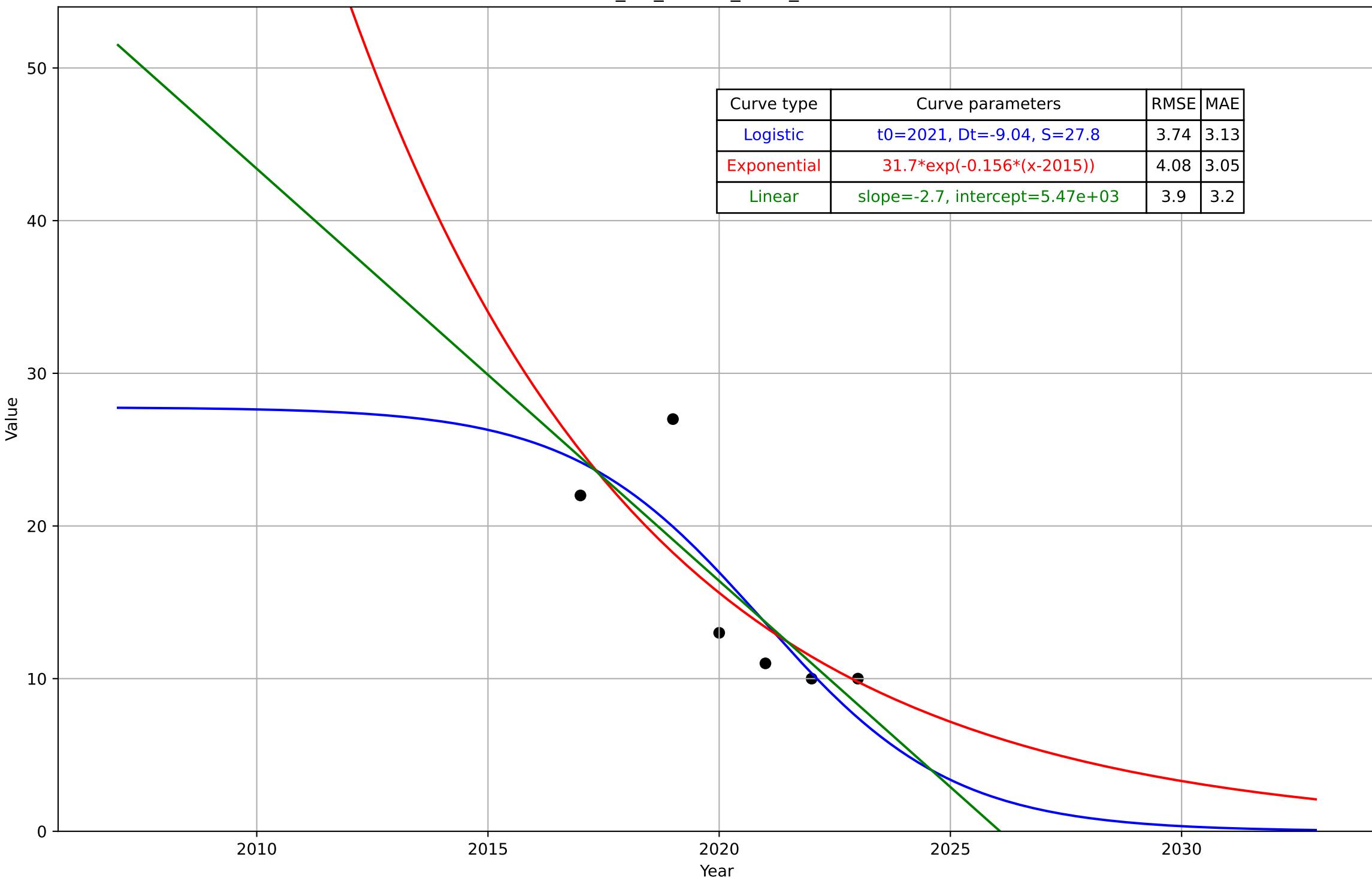
non-cash transactions
Sweden
4.5
Locations for deposit of daily takings, number per type of service
Number of locations for depositing daily cash takings
Physical Infrastructure Dependence
non_swe_4.5Inf_d119_m136

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1932, Dt=-31.6, S=2.23e+08	97.6	81.2
Exponential	2.19e+03*exp(-0.139*(x-2015))	97.6	81.2
Linear	slope=-161, intercept=3.26e+05	144	116
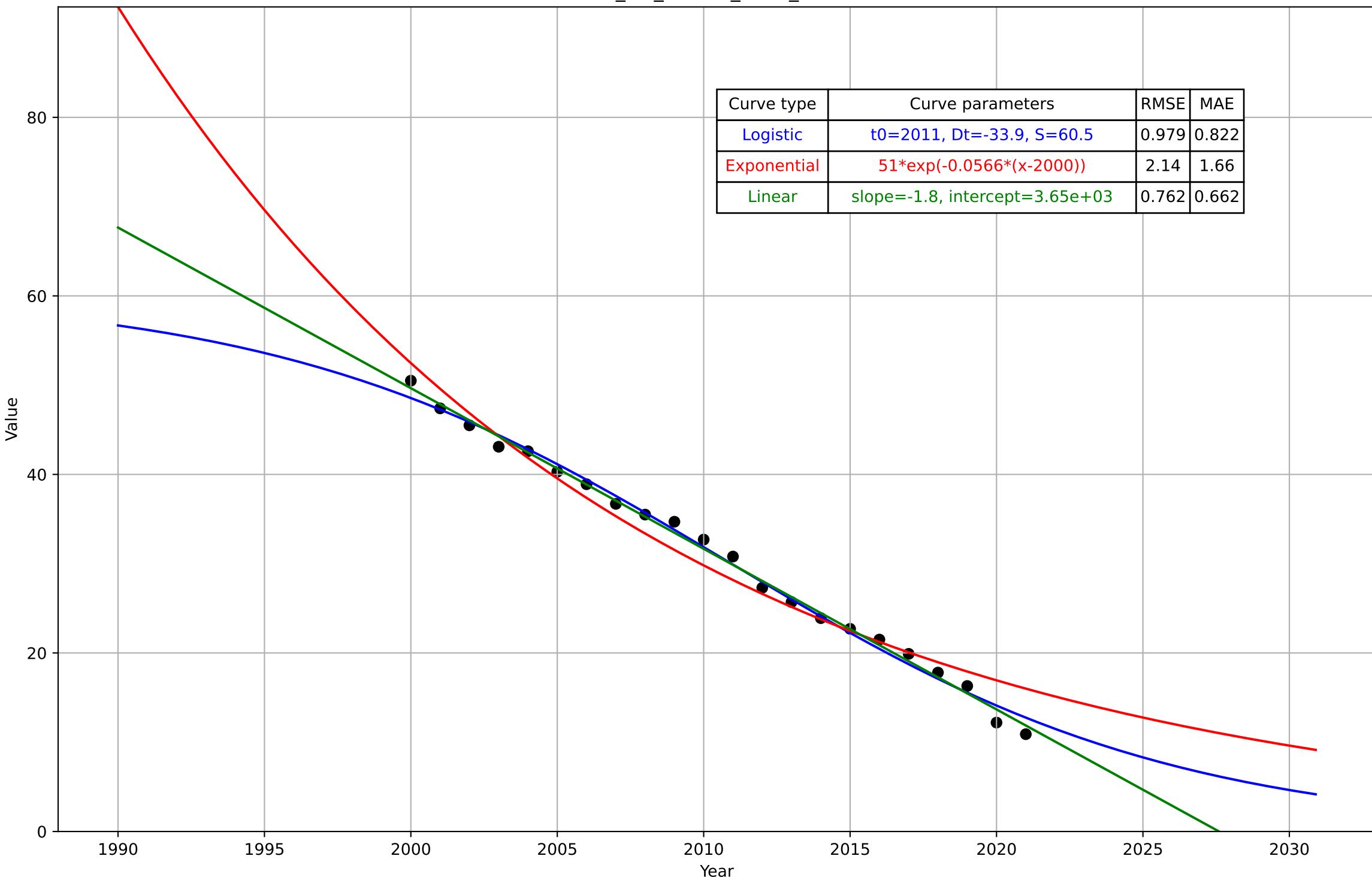
non-cash transactions
Sweden
4.5
Number of locations for cash withdrawals, deposits of daily takings and over-the-counter payments
Number of locations for withdrawing/using/depositing cash
Physical Infrastructure Dependence
non_swe_4.5Inf_d141_m137

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=nan, Dt=nan, S=nan	nan	nan
Exponential	9.66e+03*exp(-0.0899*(x-2013))	122	111
Linear	slope=-507, intercept=1.03e+06	193	181
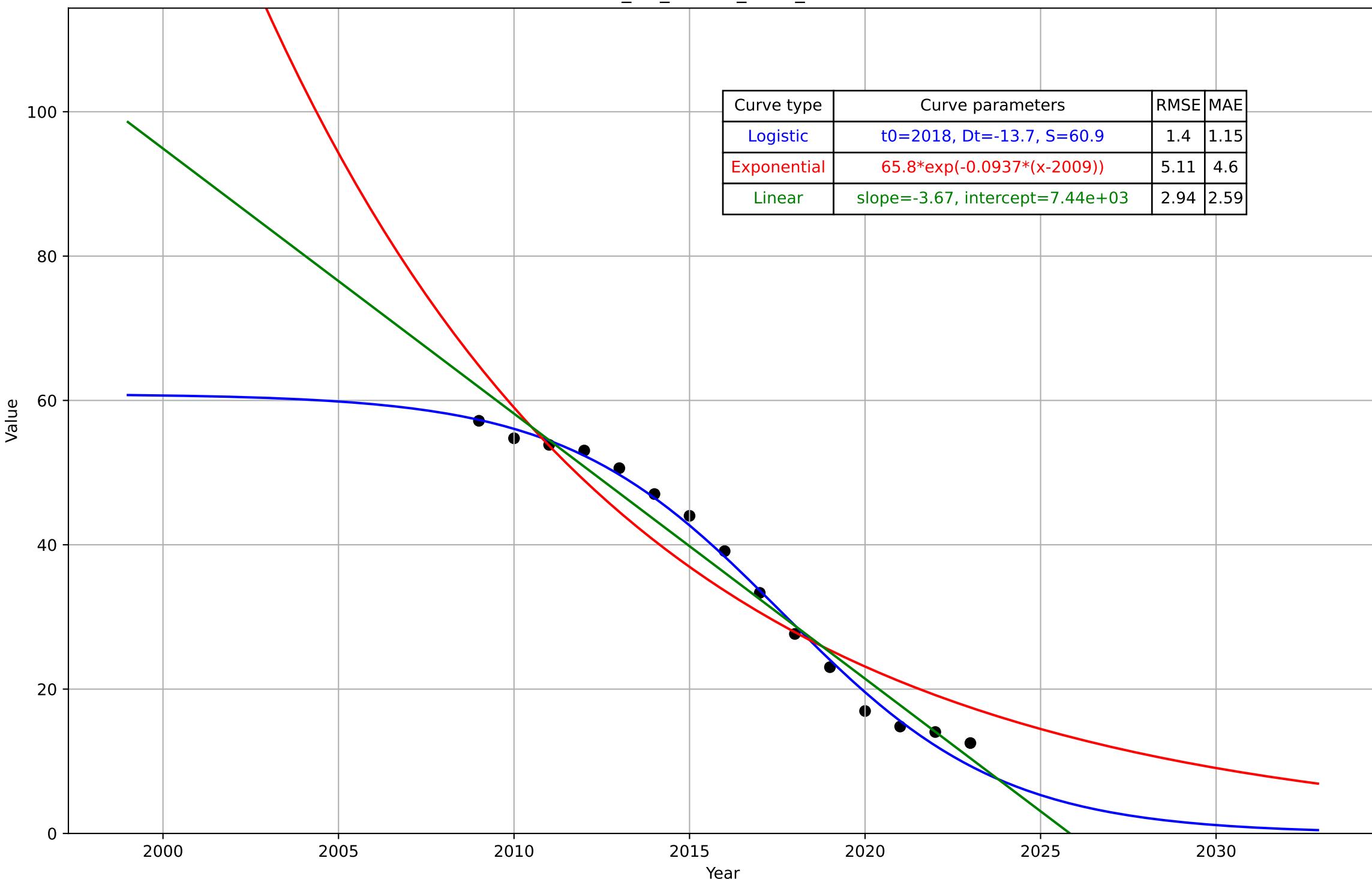
non-cash transactions
United Kingdom
1.1
proportion of cash payment methods to all payment methods (point of sale)
% cash payments as total number of PoS payments
Adoption over time
non_uki_1.1Ado_d174_m028

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-9.04, S=27.8	3.74	3.13
Exponential	31.7*exp(-0.156*(x-2015))	4.08	3.05
Linear	slope=-2.7, intercept=5.47e+03	3.9	3.2

non-cash transactions
United Kingdom
1.1
proportion of cash payments to all payment types (in store PoS)
% cash payments as total number of in-store PoS payments
Adoption over time
non_uki_1.1Ado_d175_m027

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-33.9, S=60.5	0.979	0.822
Exponential	51*exp(-0.0566*(x-2000))	2.14	1.66
Linear	slope=-1.8, intercept=3.65e+03	0.762	0.662

non-cash transactions
United Kingdom
1.1
proportion of cash payments to all payment types (total numbers)
% cash payments of total number of payments
Adoption over time
non_uki_1.1Ado_d176_m029

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2018, Dt=-13.7, S=60.9	1.4	1.15
Exponential	65.8*exp(-0.0937*(x-2009))	5.11	4.6
Linear	slope=-3.67, intercept=7.44e+03	2.94	2.59
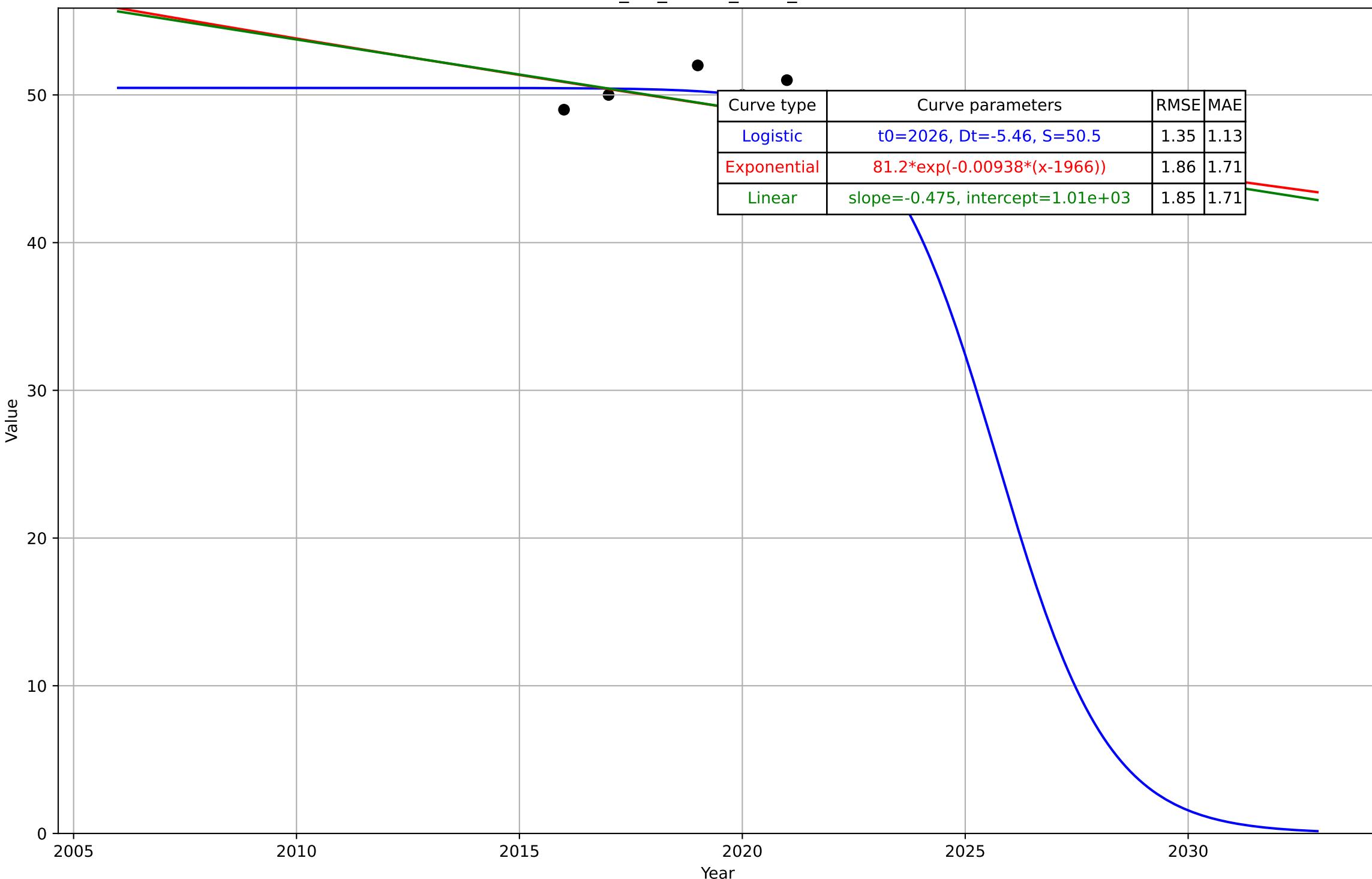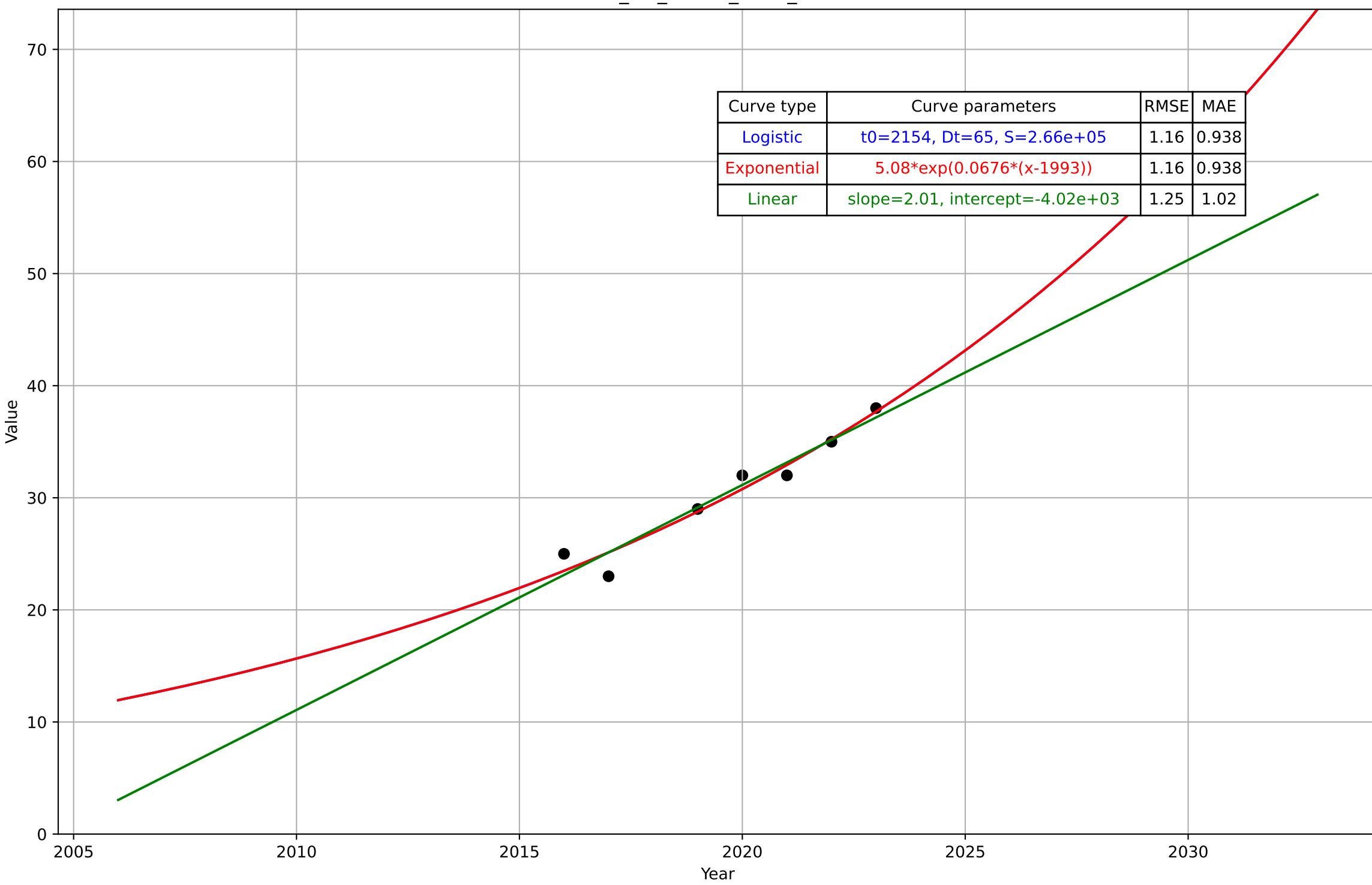
non-cash transactions
United Kingdom
2.5
most used e-commerce payment methods
% online shopping payments by credit or debit card
Variety
non_uki_2.5Var_d129_m070
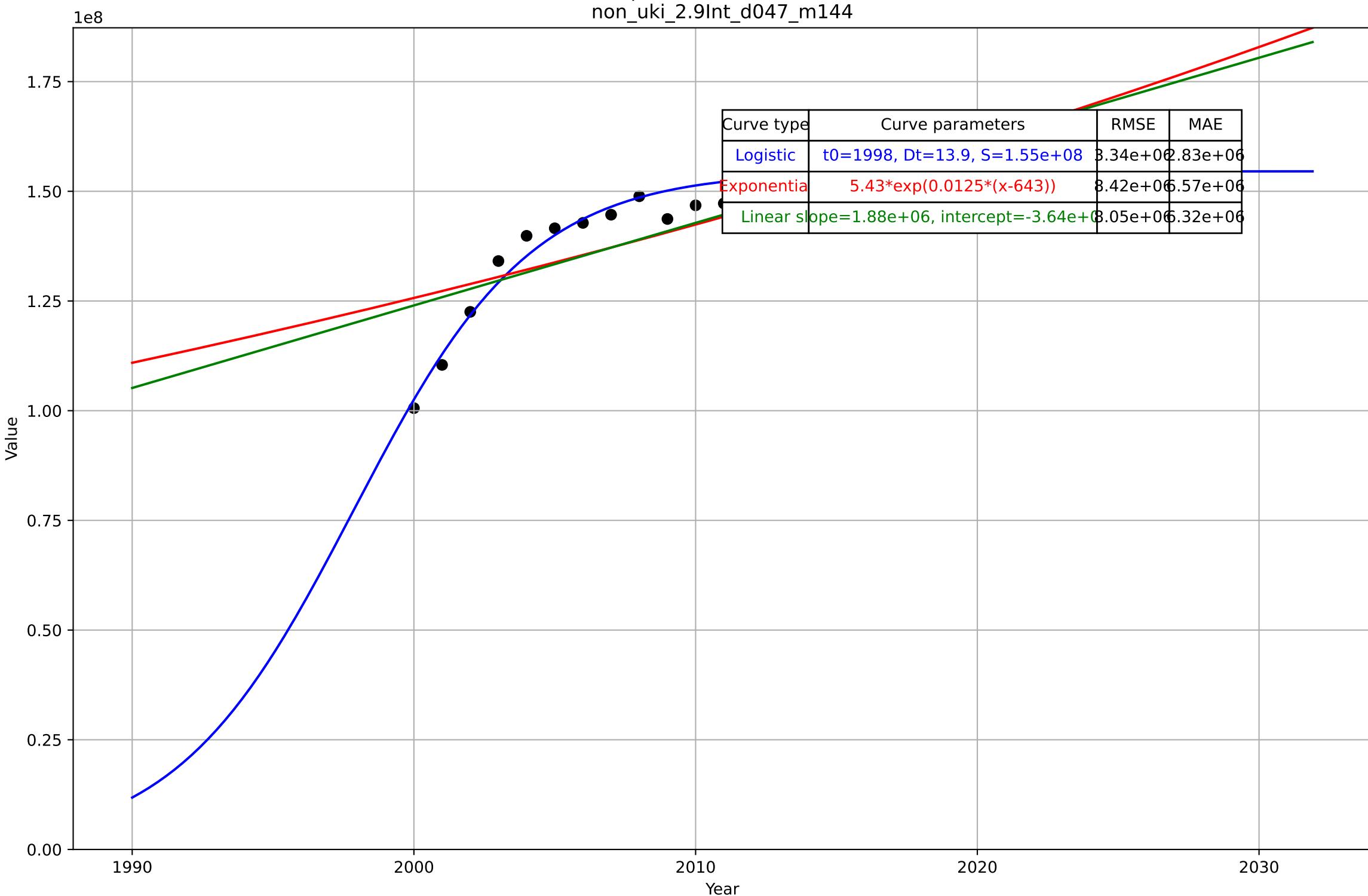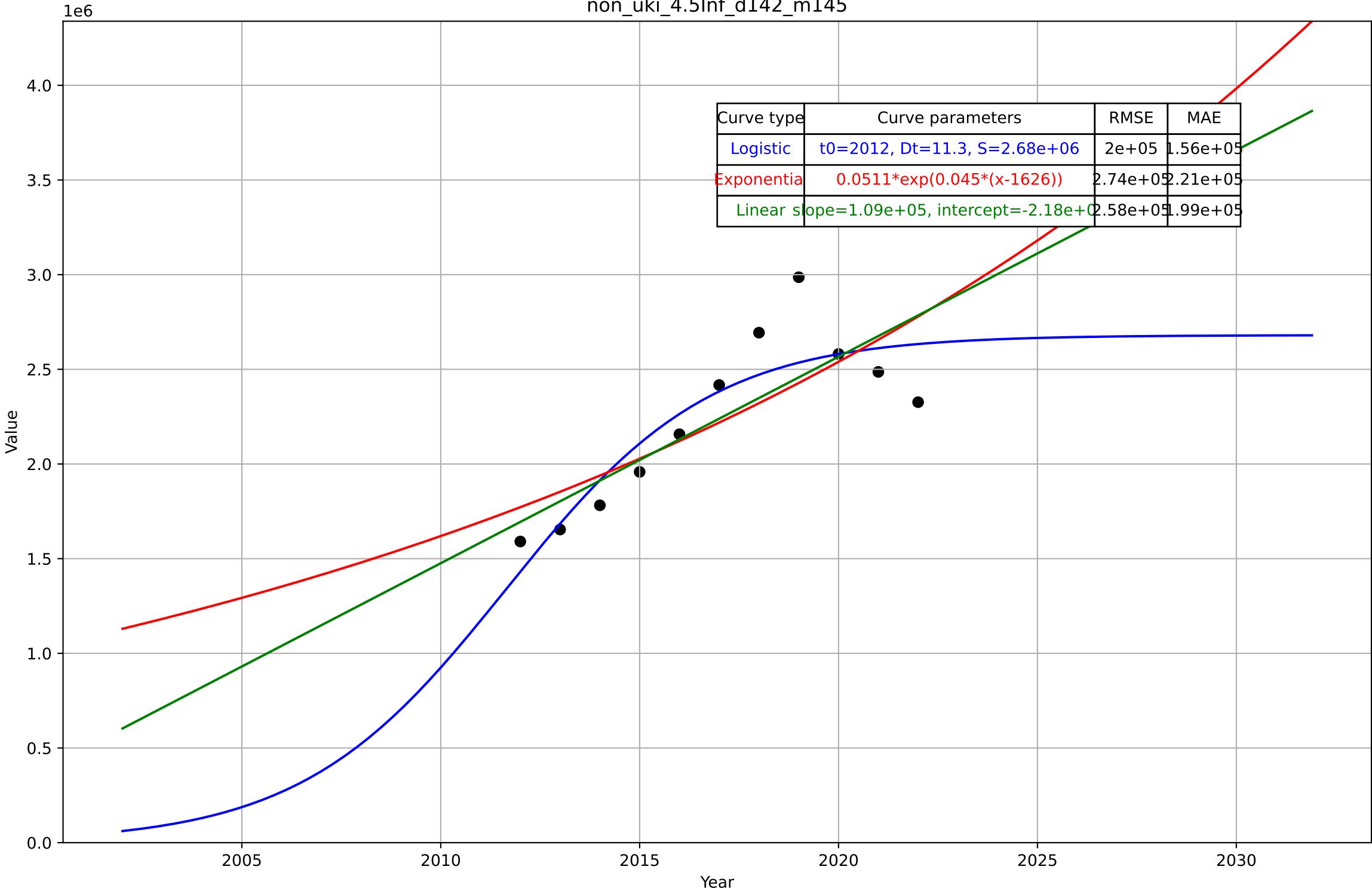
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2026, Dt=-5.46, S=50.5	1.35	1.13
Exponential	81.2*exp(-0.00938*(x-1966))	1.86	1.71
Linear	slope=-0.475, intercept=1.01e+03	1.85	1.71

non-cash transactions
United Kingdom
2.5
most used e-commerce payment methods
% online shopping payments by e-wallet
Variety
non_uki_2.5Var_d129_m071

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2154, Dt=65, S=2.66e+05	1.16	0.938
Exponential	5.08*exp(0.0676*(x-1993))	1.16	0.938
Linear	slope=2.01, intercept=-4.02e+03	1.25	1.02
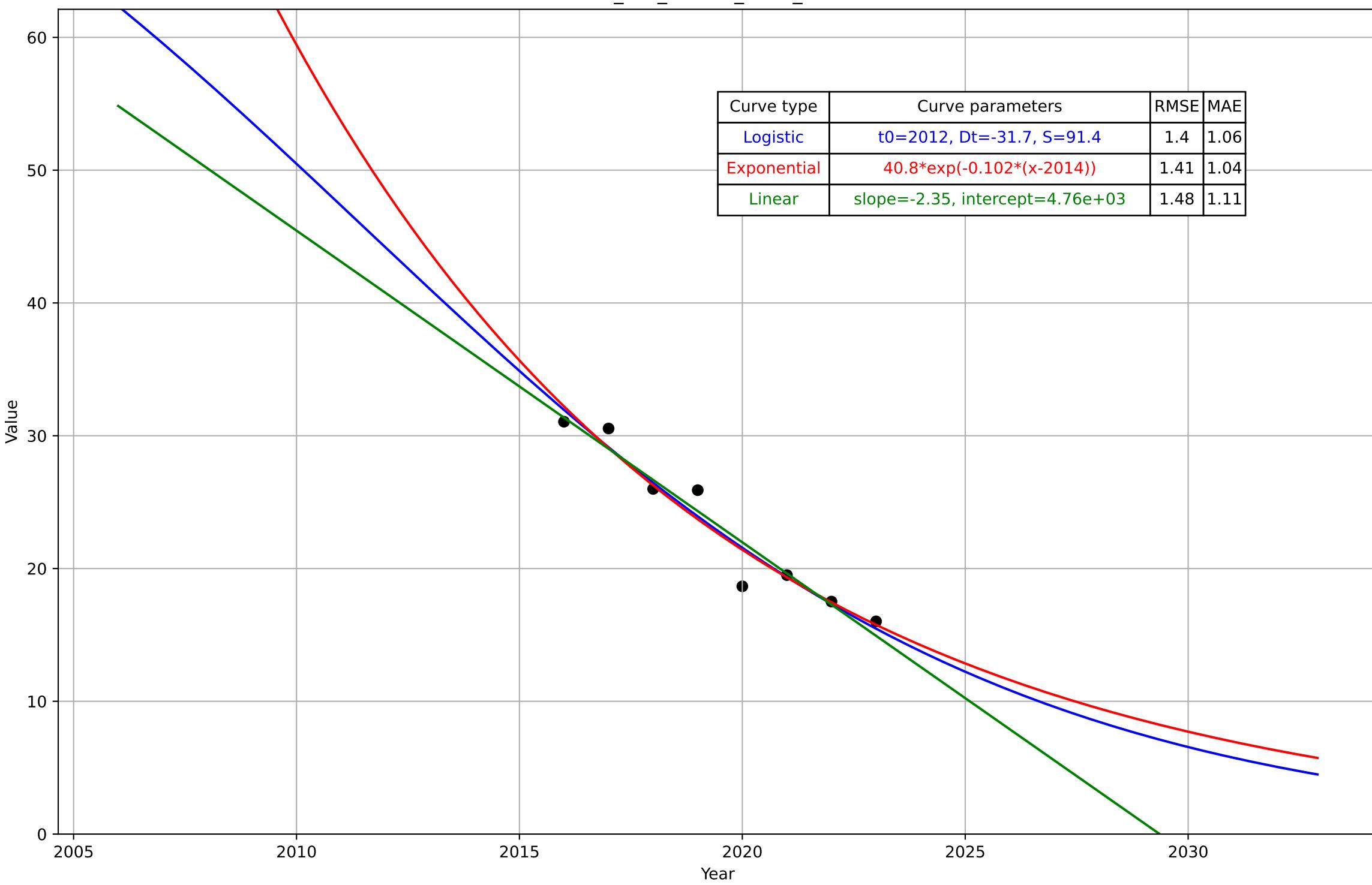
non-cash transactions
United Kingdom
2.9
Annual credit card and debit cards issued
total number of credit cards and debit cards in circulation
Interdependence (with hardware)
non_uki_2.9Int_d047_m144

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1998, Dt=13.9, S=1.55e+08	3.34e+06	2.83e+06
Exponential	5.43*exp(0.0125*(x-643))	8.42e+06	6.57e+06
Linear	slope=1.88e+06, intercept=-3.64e+09	8.05e+06	6.32e+06
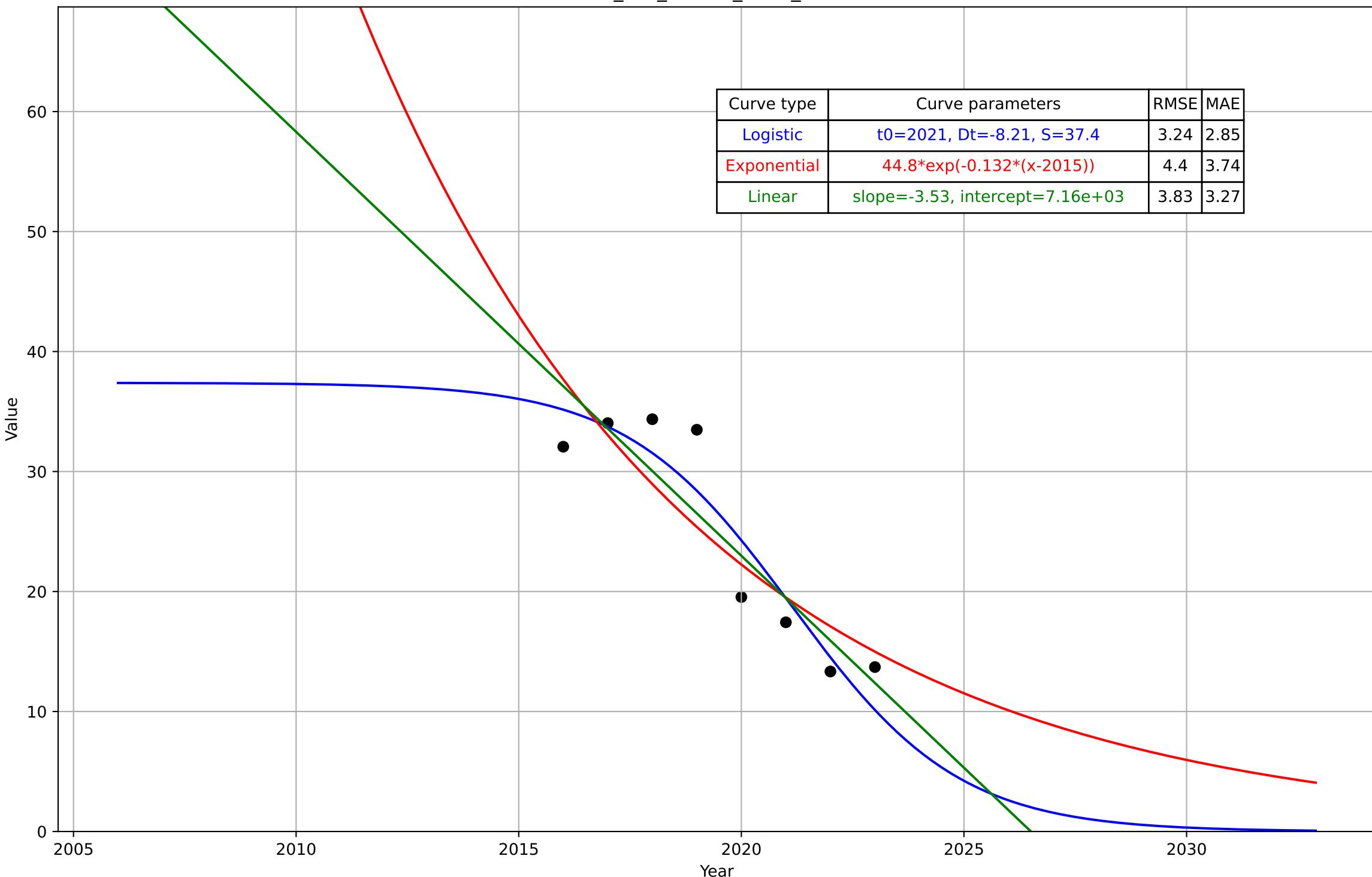
non-cash transactions
United Kingdom
4.5
Number of point of sale (PoS) terminals
Total number of POS terminals
Physical Infrastructure Dependence
non_uki_4.5Inf_d142_m145

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=11.3, S=2.68e+06	2e+05	1.56e+05
Exponential	0.0511*exp(0.045*(x-1626))	2.74e+05	2.21e+05
Linear	slope=1.09e+05, intercept=-2.18e+08	2.58e+05	1.99e+05
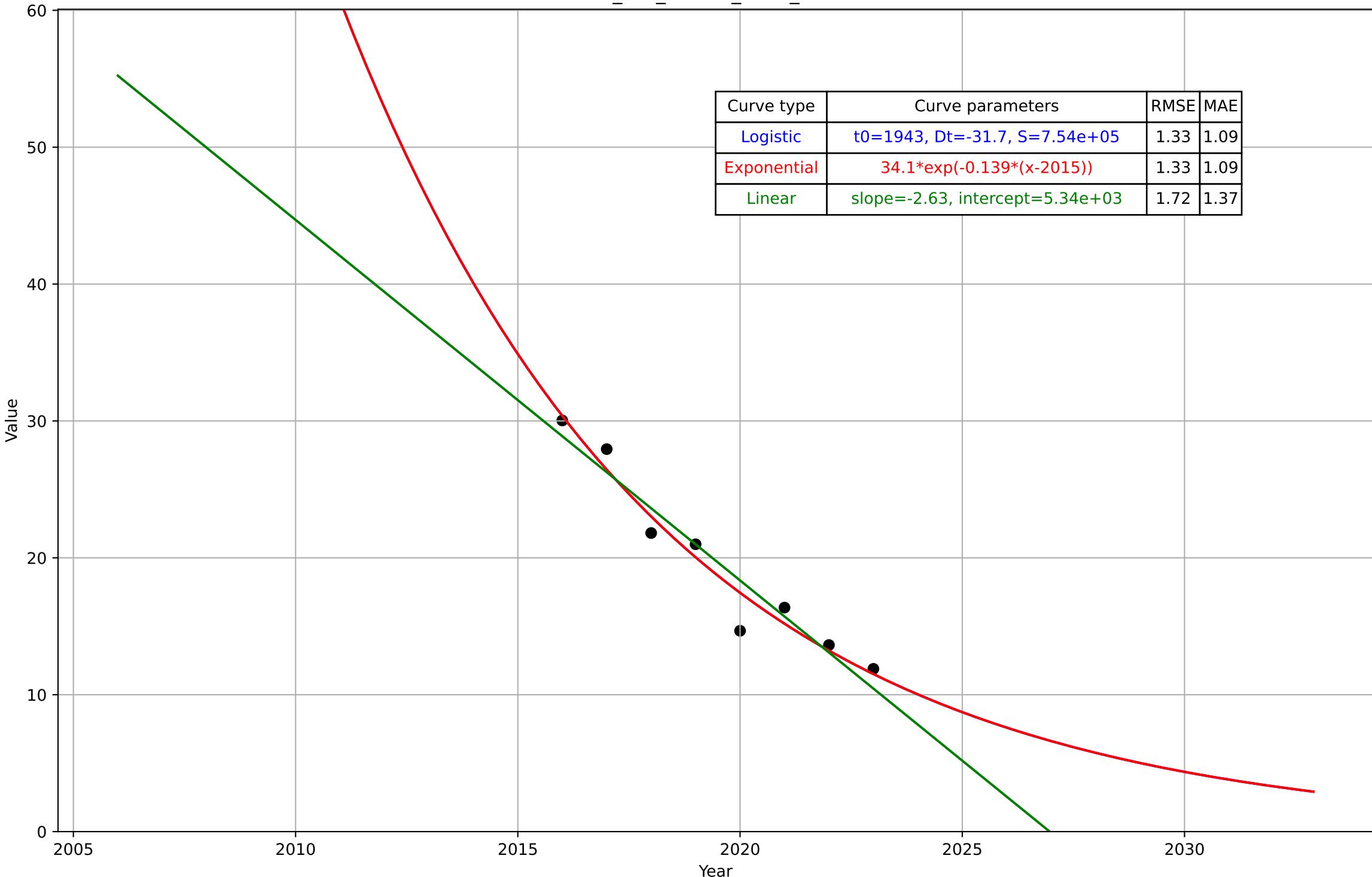
non-cash transactions
United States
1.1
Share of payment instrument use for all payments
% cash payments as % of all payments
Adoption over time
non_usa_1.1Ado_d191_m026
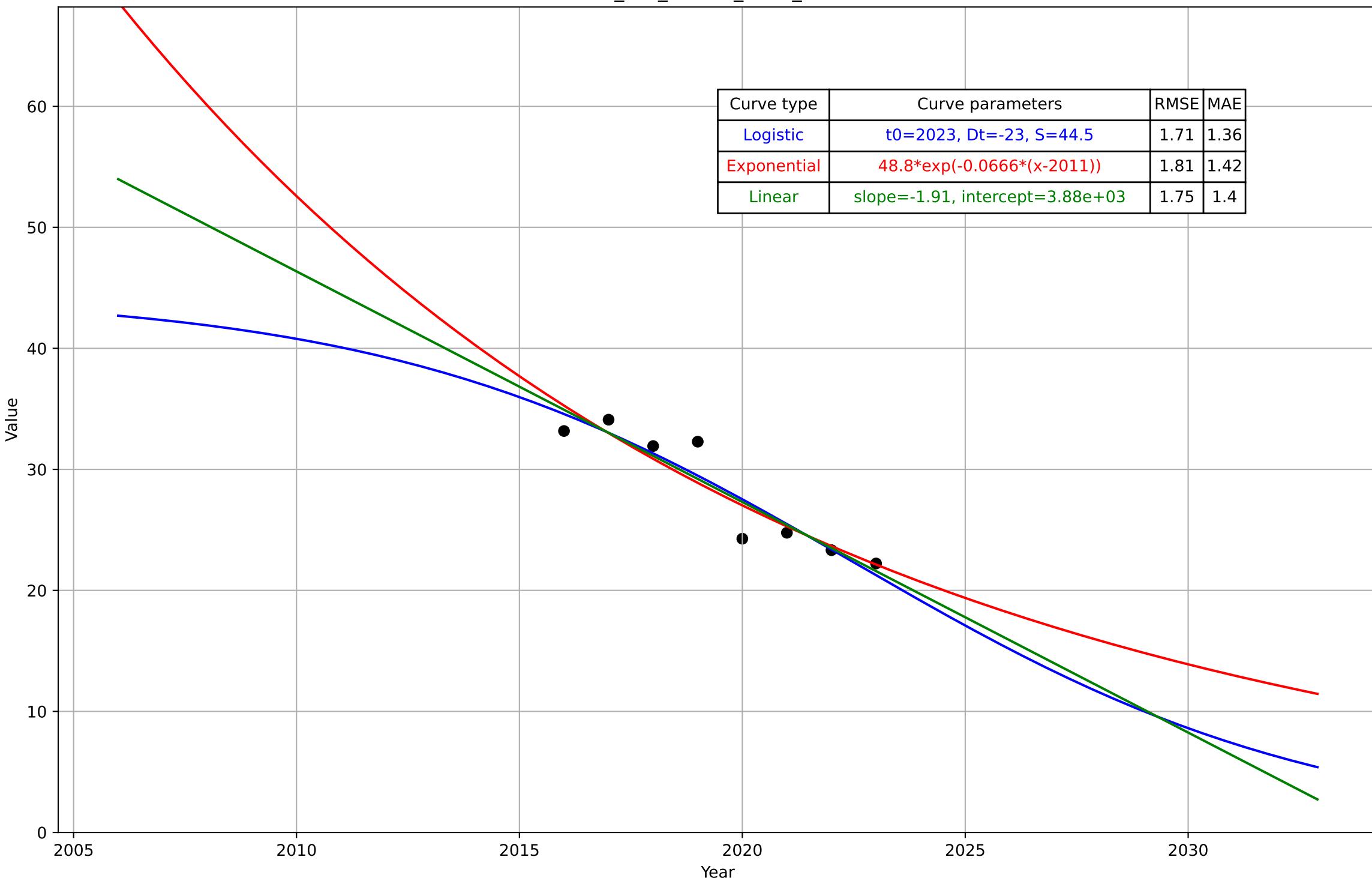
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=-31.7, S=91.4	1.4	1.06
Exponential	40.8*exp(-0.102*(x-2014))	1.41	1.04
Linear	slope=-2.35, intercept=4.76e+03	1.48	1.11

non-cash transactions
United States
3.2
Share of cash and credit card payments by age group
% payments by cash (18-24 age group)
Adopter characteristics
non_usa_3.2Adc_d188_m072

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-8.21, S=37.4	3.24	2.85
Exponential	44.8*exp(-0.132*(x-2015))	4.4	3.74
Linear	slope=-3.53, intercept=7.16e+03	3.83	3.27

non-cash transactions
United States
3.2
Share of cash and credit card payments by age group
% payments by cash (25-54 age group)
Adopter characteristics
non_usa_3.2Adc_d188_m073

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1943, Dt=-31.7, S=7.54e+05	1.33	1.09
Exponential	34.1*exp(-0.139*(x-2015))	1.33	1.09
Linear	slope=-2.63, intercept=5.34e+03	1.72	1.37

non-cash transactions
United States
3.2
Share of cash and credit card payments by age group
% payments by cash (55 and older age group)
Adopter characteristics
non_usa_3.2Adc_d188_m074

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2023, Dt=-23, S=44.5	1.71	1.36
Exponential	48.8*exp(-0.0666*(x-2011))	1.81	1.42
Linear	slope=-1.91, intercept=3.88e+03	1.75	1.4
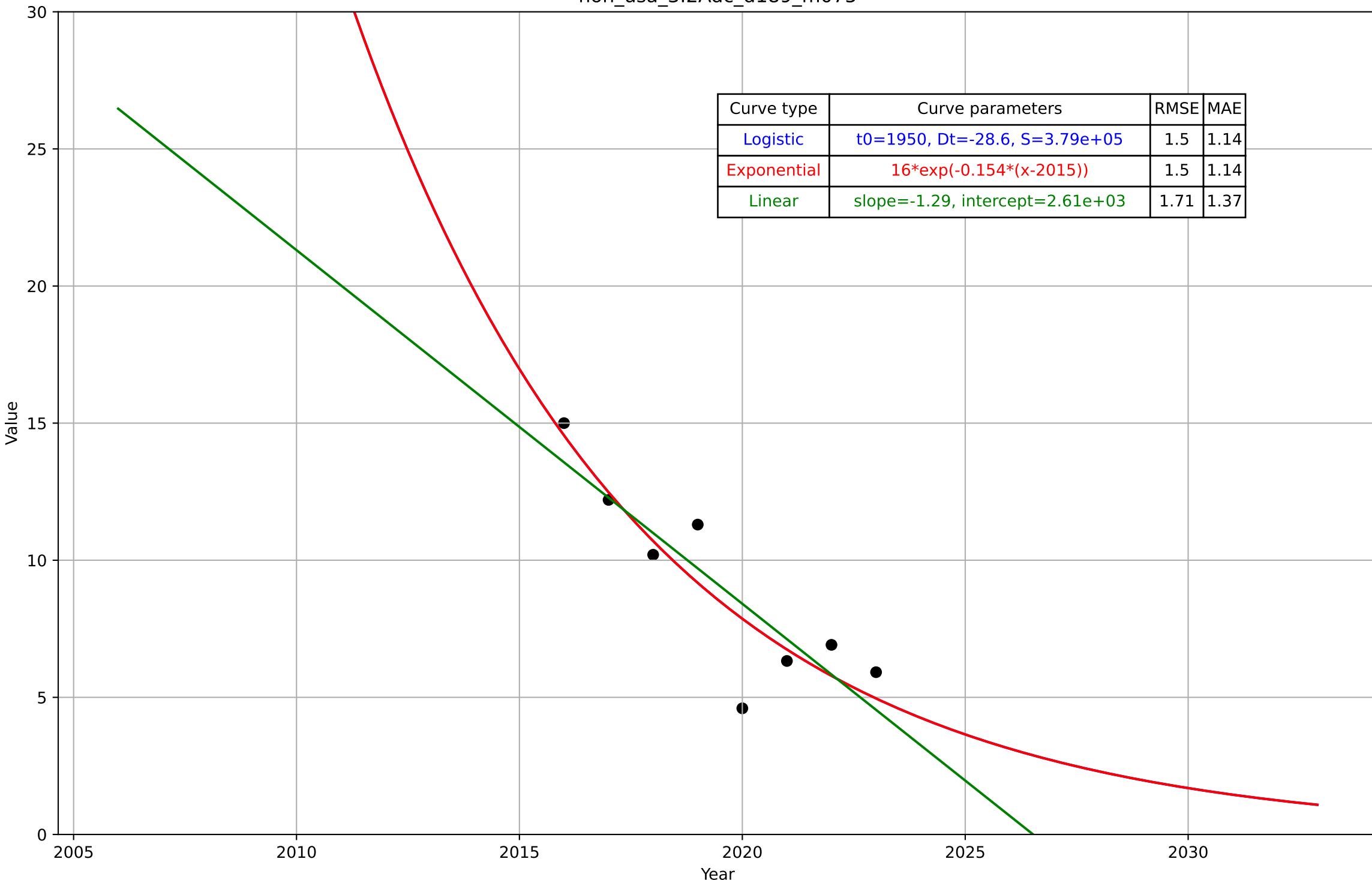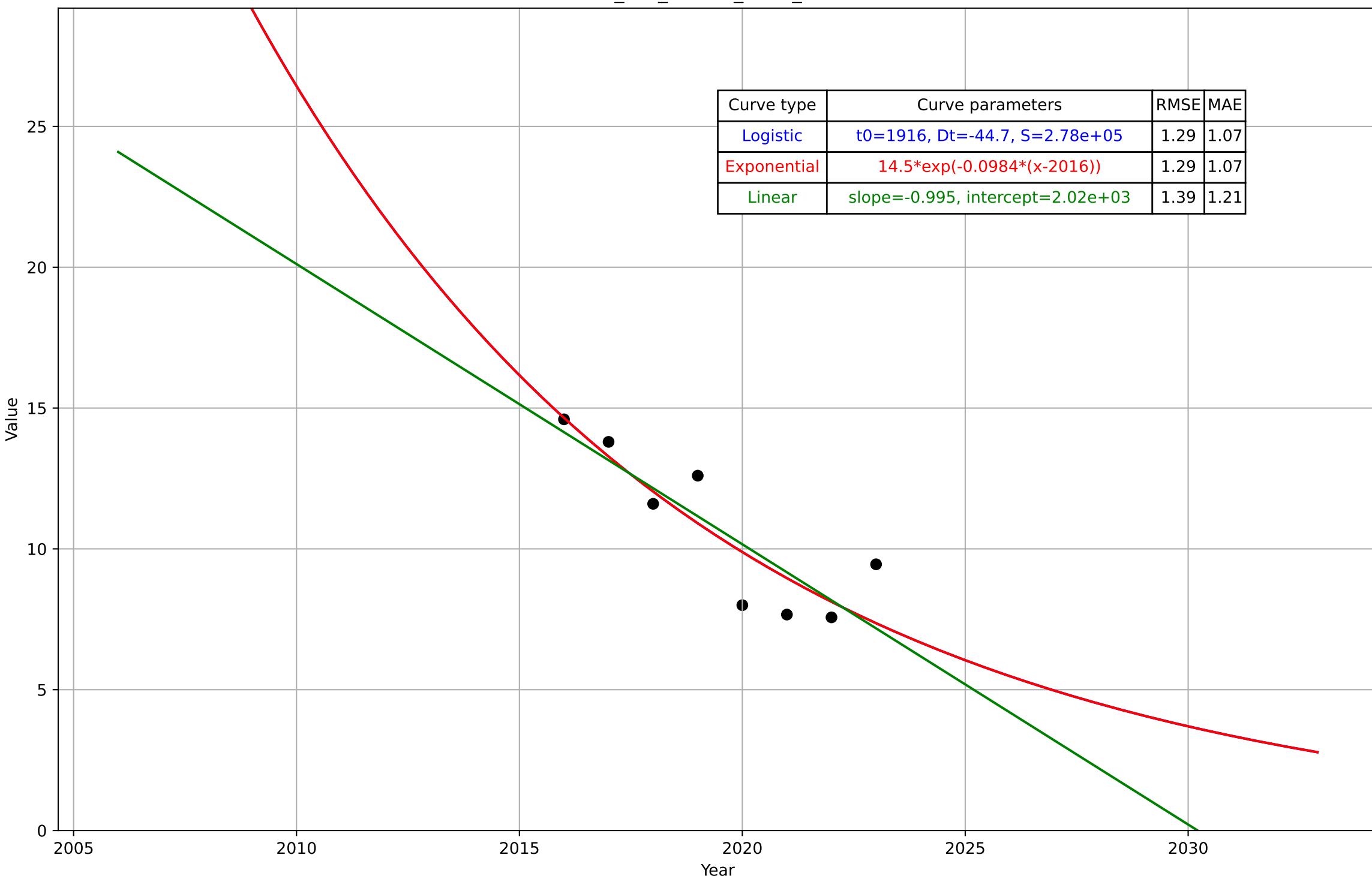
non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income $100,000$–$149,999$)
Adopter characteristics
non_usa_3.2Adc_d189_m075

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1950, Dt=-28.6, S=3.79e+05	1.5	1.14
Exponential	16*exp(-0.154*(x-2015))	1.5	1.14
Linear	slope=-1.29, intercept=2.61e+03	1.71	1.37

non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income 25, 000–49,999)
Adopter characteristics
non_usa_3.2Adc_d189_m076
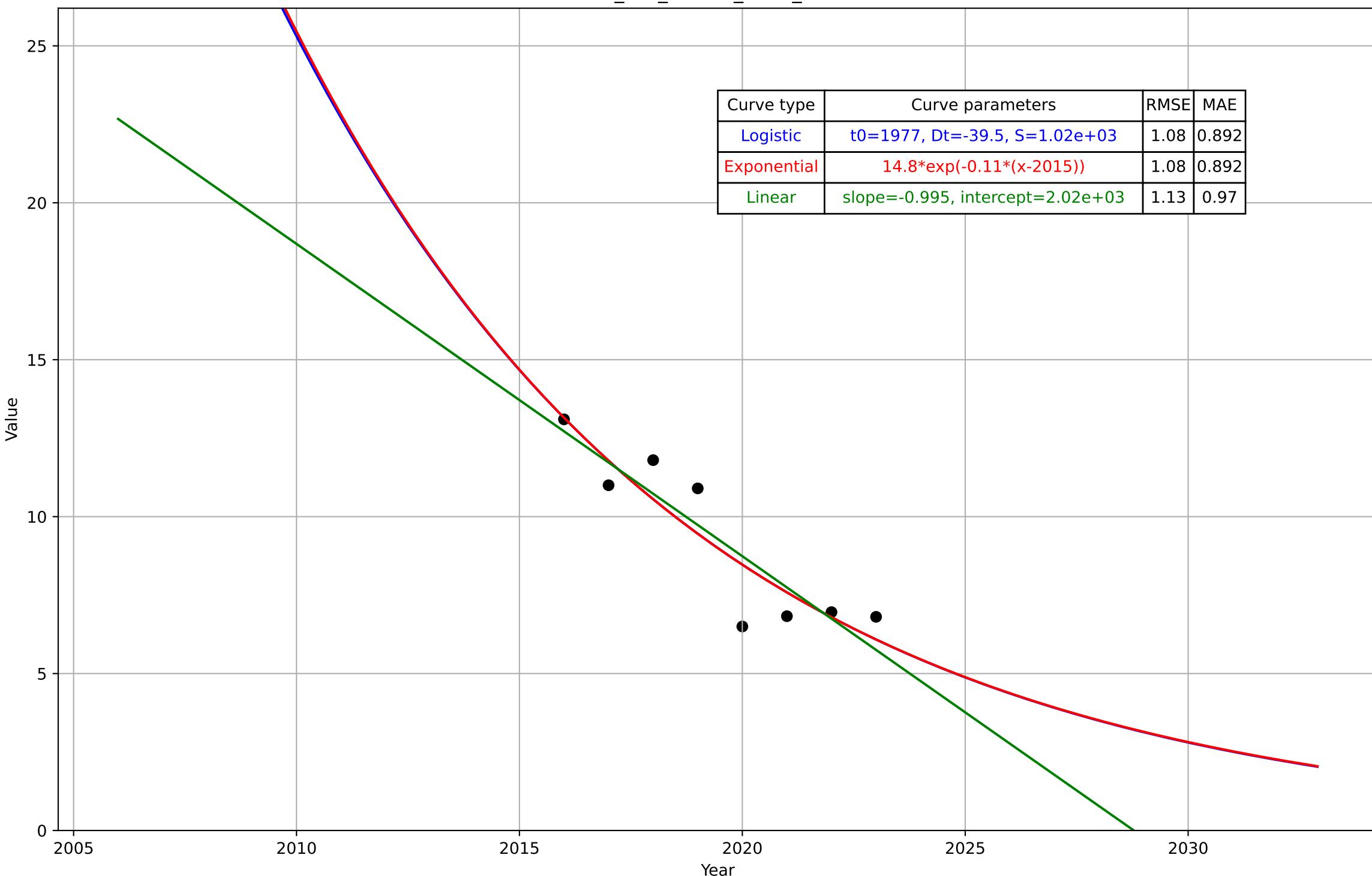
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1916, Dt=-44.7, S=2.78e+05	1.29	1.07
Exponential	14.5*exp(-0.0984*(x-2016))	1.29	1.07
Linear	slope=-0.995, intercept=2.02e+03	1.39	1.21
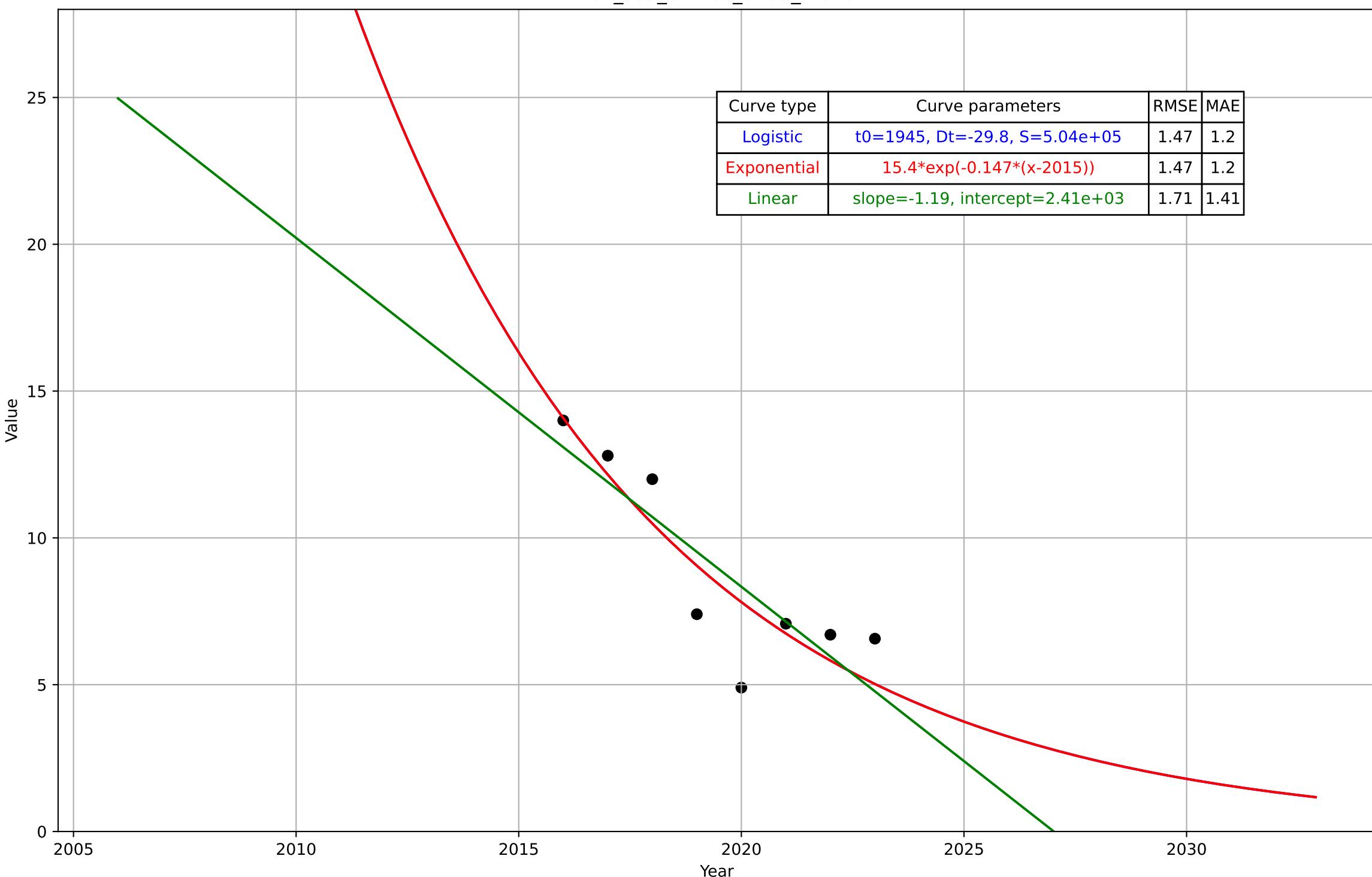
non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income 50,000–74,999)
Adopter characteristics
non_usa_3.2Adc_d189_m077
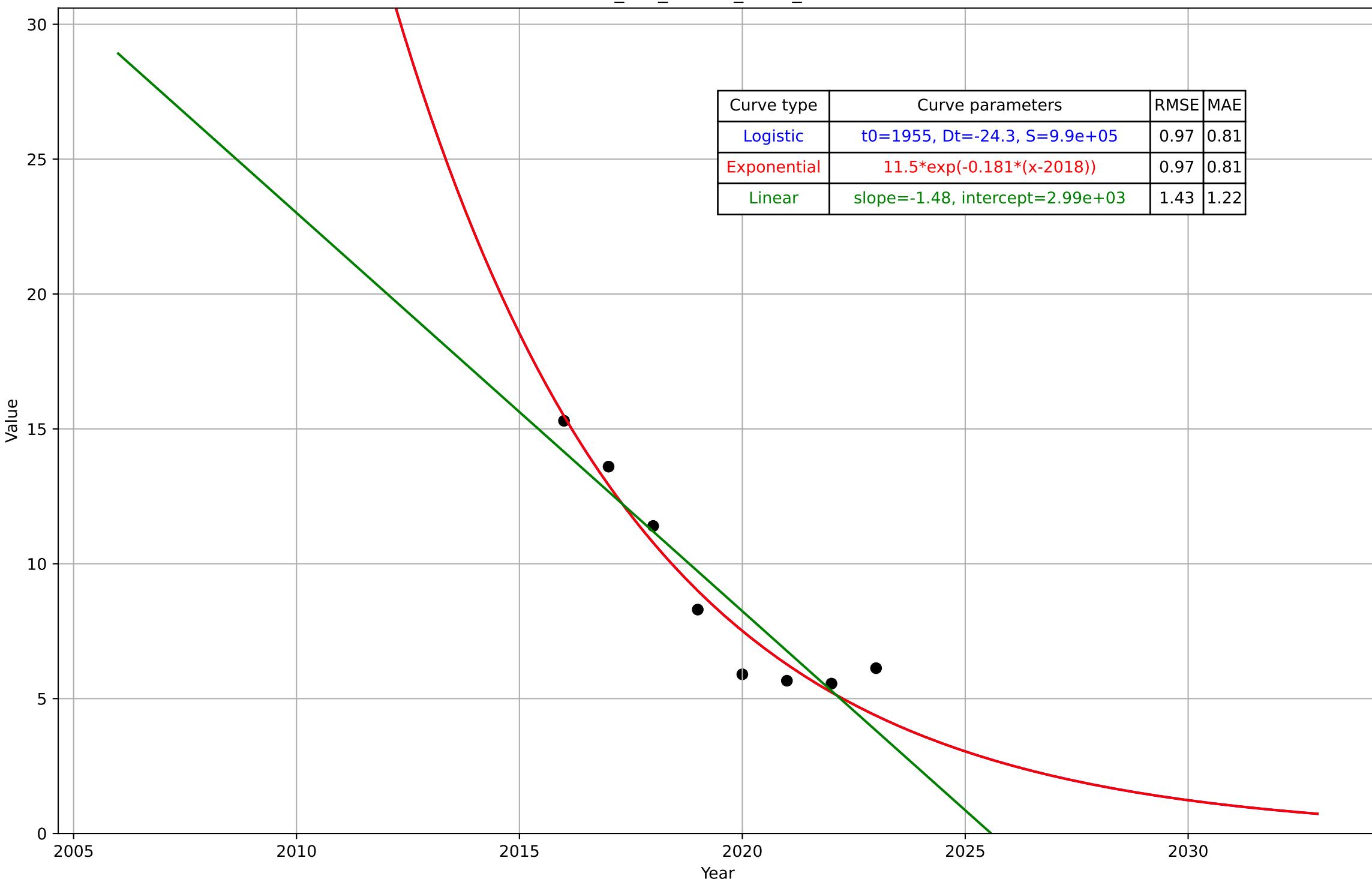
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1977, Dt=-39.5, S=1.02e+03	1.08	0.892
Exponential	14.8*exp(-0.11*(x-2015))	1.08	0.892
Linear	slope=-0.995, intercept=2.02e+03	1.13	0.97

non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income 75,000–99,999)
Adopter characteristics
non_usa_3.2Adc_d189_m078
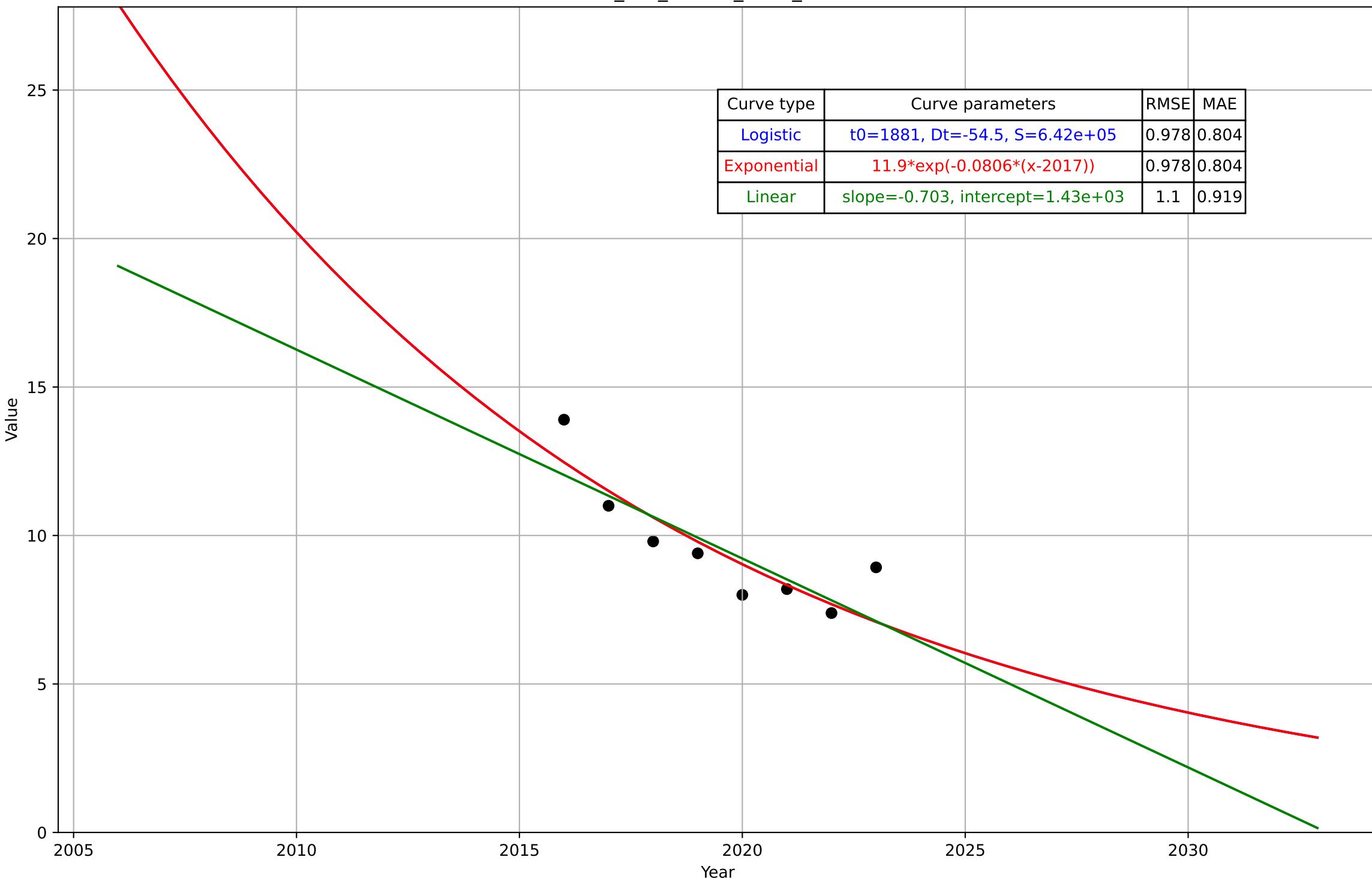
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1945, Dt=-29.8, S=5.04e+05	1.47	1.2
Exponential	15.4*exp(-0.147*(x-2015))	1.47	1.2
Linear	slope=-1.19, intercept=2.41e+03	1.71	1.41
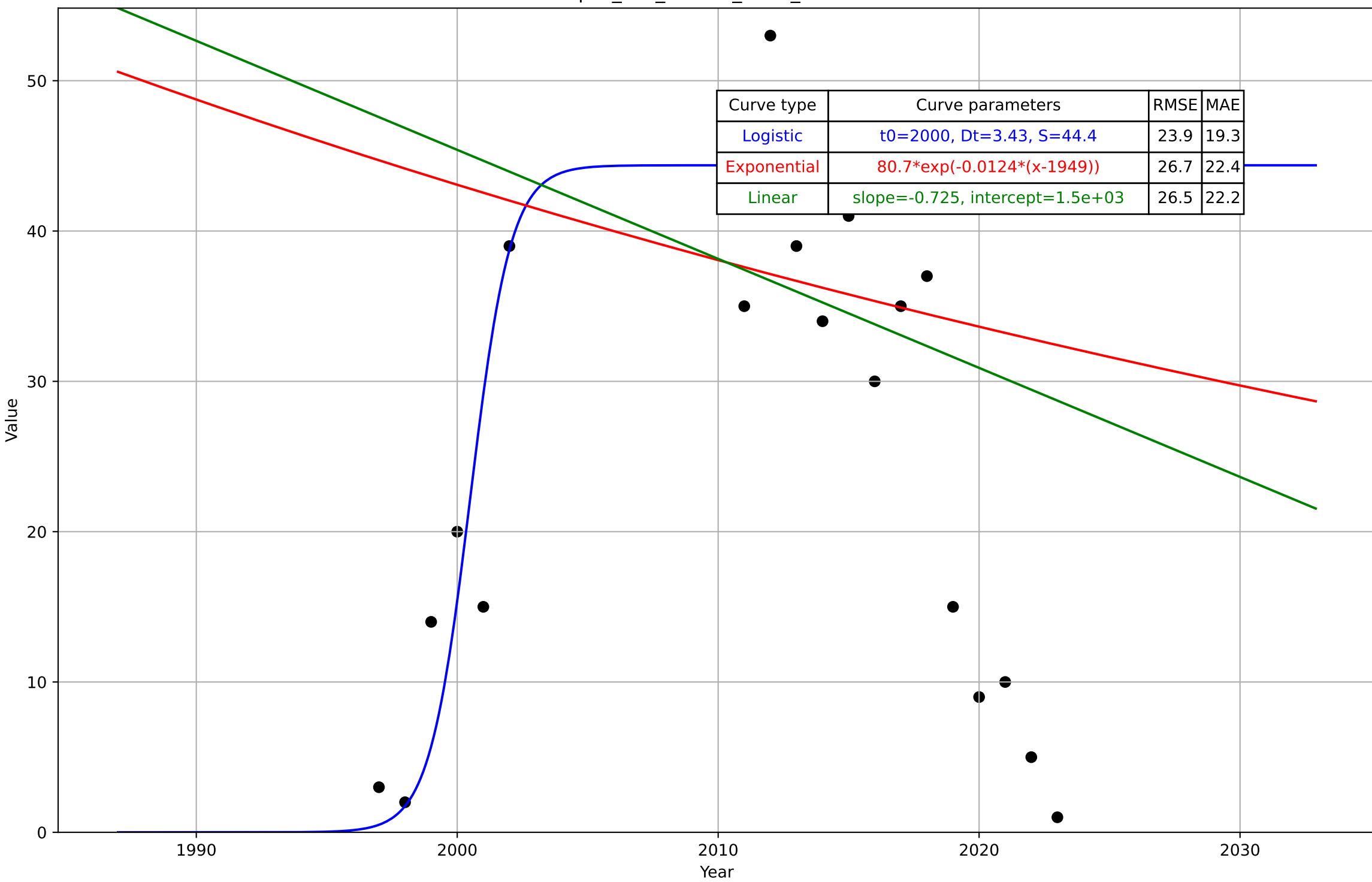
non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income greater than $150,000)
Adopter characteristics
non_usa_3.2Adc_d189_m079
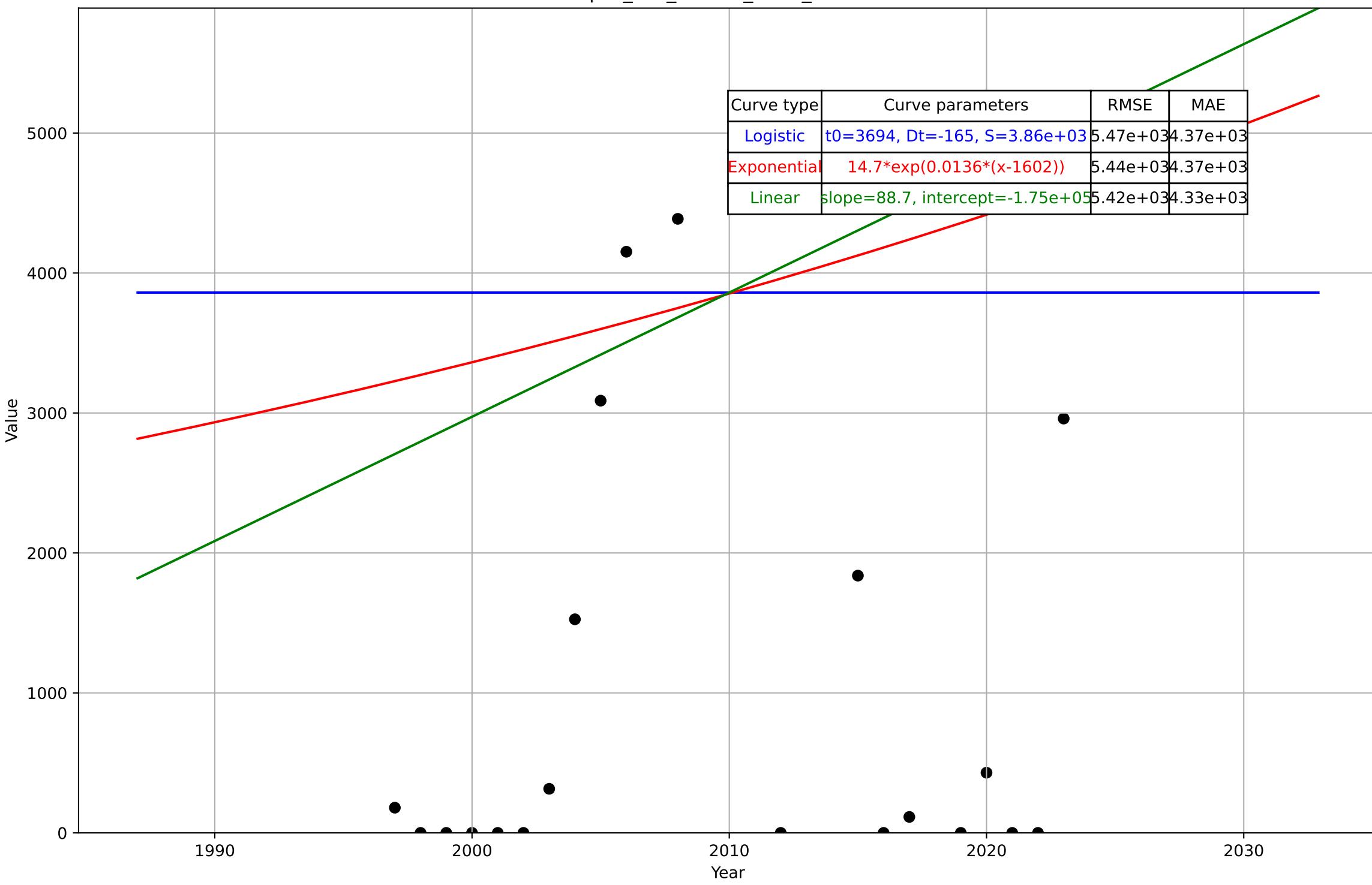
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1955, Dt=-24.3, S=9.9e+05	0.97	0.81
Exponential	11.5*exp(-0.181*(x-2018))	0.97	0.81
Linear	slope=-1.48, intercept=2.99e+03	1.43	1.22

non-cash transactions
United States
3.2
Share of cash and credit card payments by income bracket
% payments by cash (income less than $25,000)
Adopter characteristics
non_usa_3.2Adc_d189_m080

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1881, Dt=-54.5, S=6.42e+05	0.978	0.804
Exponential	11.9*exp(-0.0806*(x-2017))	0.978	0.804
Linear	slope=-0.703, intercept=1.43e+03	1.1	0.919
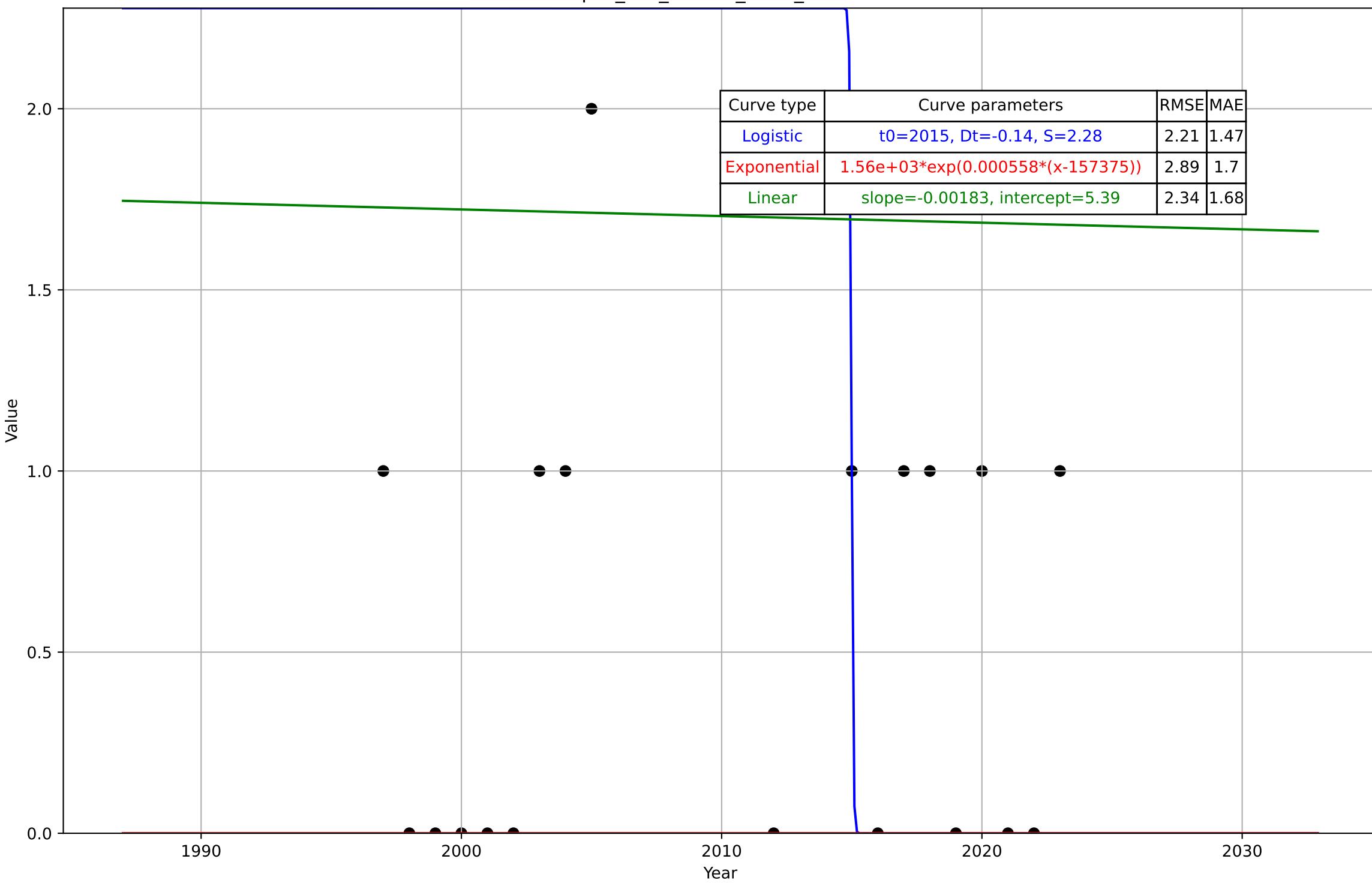
passive building retrofits
Austria
1.1
new building
number of buildings
Adoption over time
pas_aus_1.1Ado_d132_m135
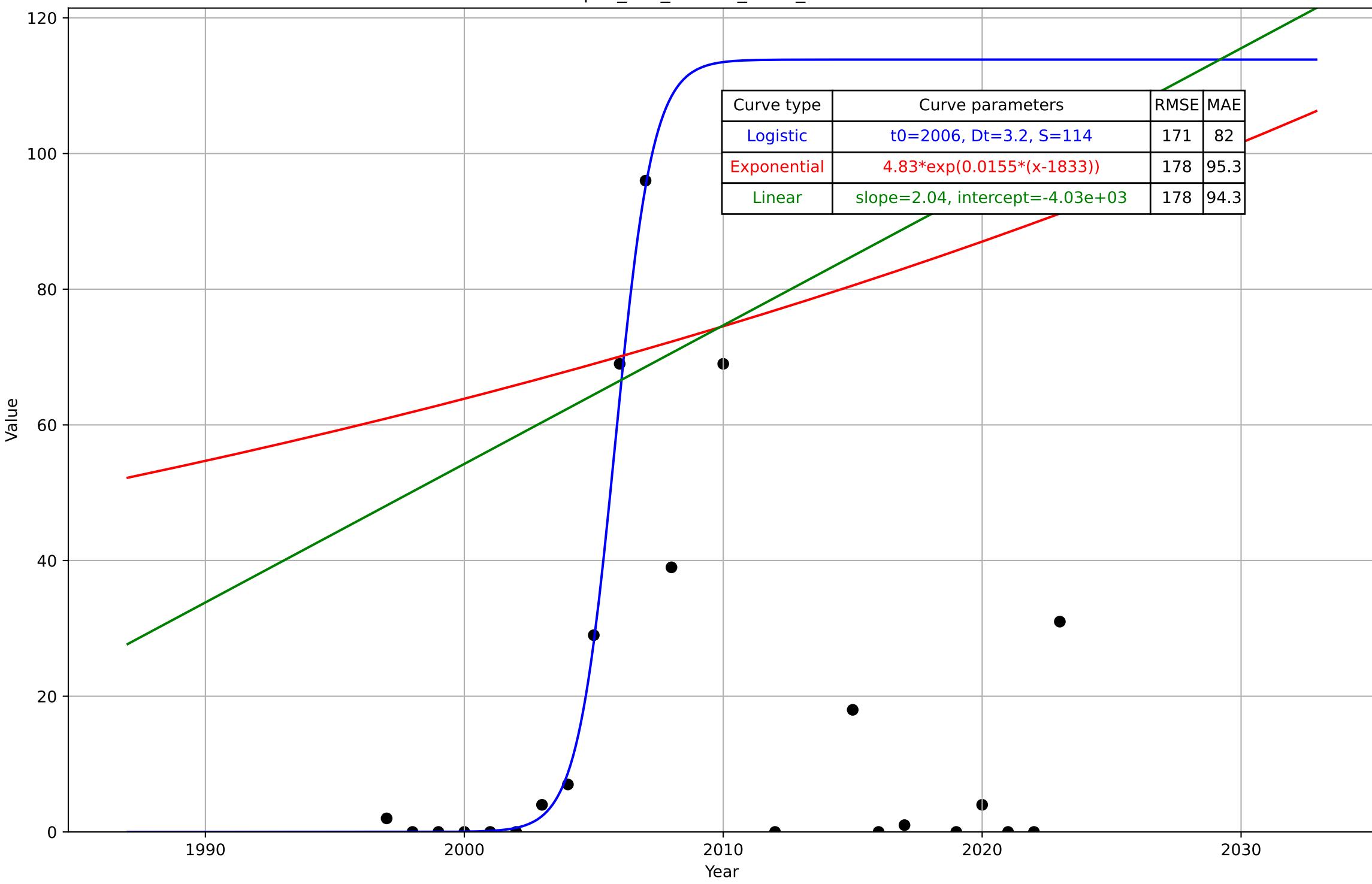
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2000, Dt=3.43, S=44.4	23.9	19.3
Exponential	80.7*exp(-0.0124*(x-1949))	26.7	22.4
Linear	slope=-0.725, intercept=1.5e+03	26.5	22.2

Value

Year

passive building retrofits
Austria
1.1
renovation
floorspace
Adoption over time
pas_aus_1.1Ado_d181_m101

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=3694, Dt=-165, S=3.86e+03	5.47e+03	4.37e+03
Exponential	14.7*exp(0.0136*(x-1602))	5.44e+03	4.37e+03
Linear	slope=88.7, intercept=-1.75e+05	5.42e+03	4.33e+03

passive building retrofits
Austria
1.1
renovation
number of buildings
Adoption over time
pas_aus_1.1Ado_d181_m135

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2015, Dt=-0.14, S=2.28	2.21	1.47
Exponential	1.56e+03*exp(0.000558*(x-157375))	2.89	1.7
Linear	slope=-0.00183, intercept=5.39	2.34	1.68

passive building retrofits
Austria
1.1
renovation
number of units
Adoption over time
pas_aus_1.1Ado_d181_m138

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2006, Dt=3.2, S=114	171	82
Exponential	4.83*exp(0.0155*(x-1833))	178	95.3
Linear	slope=2.04, intercept=-4.03e+03	178	94.3
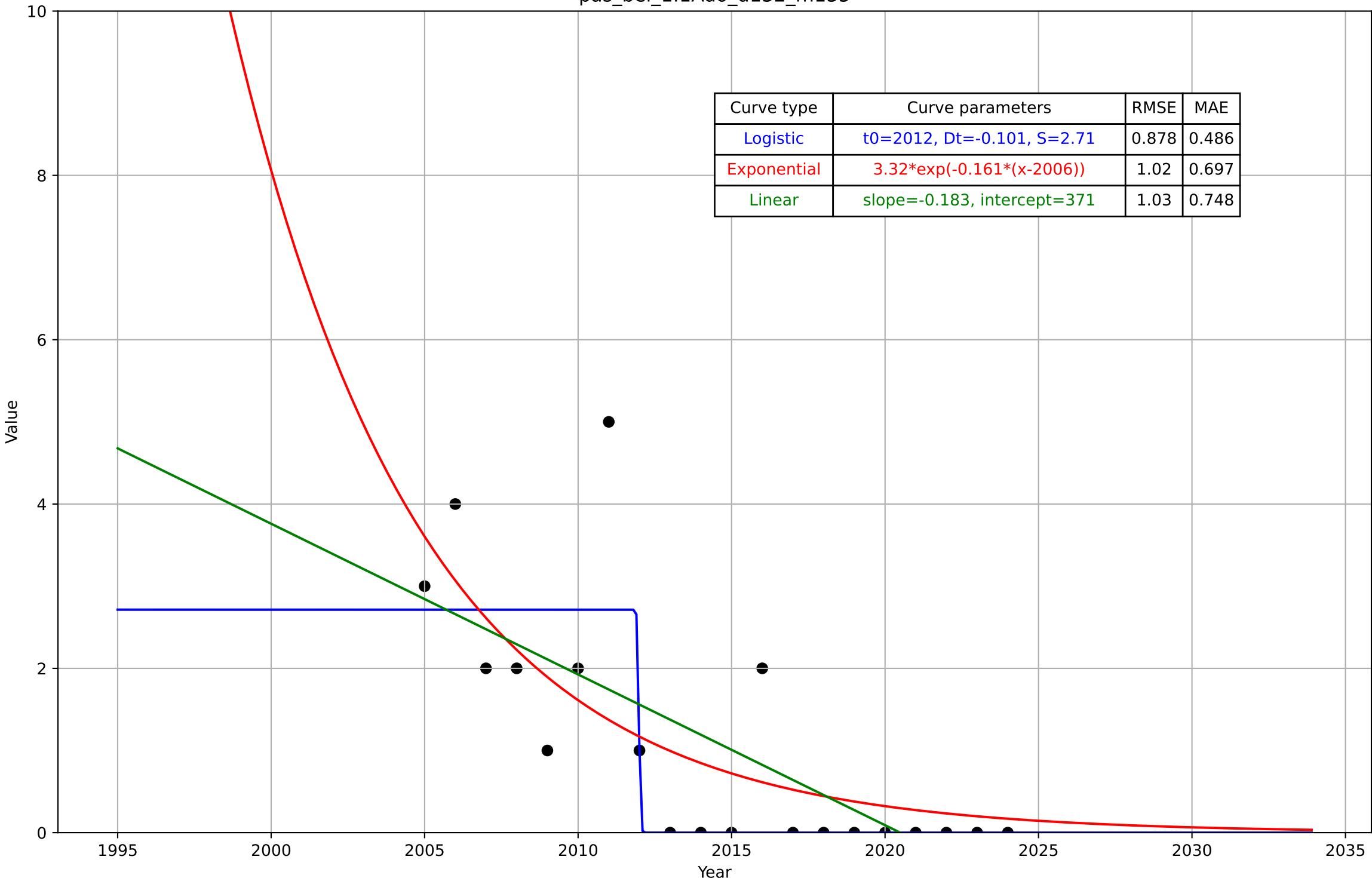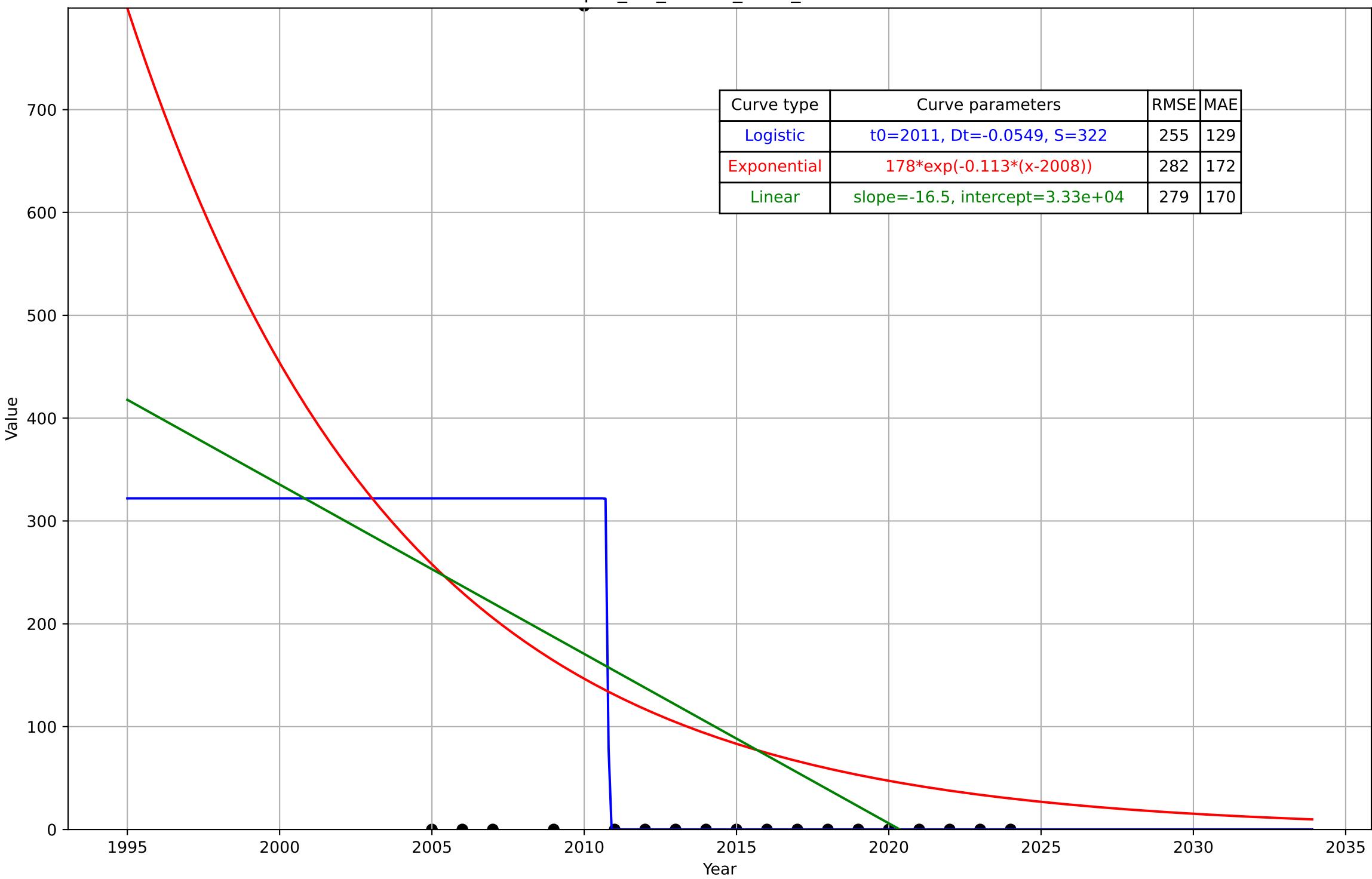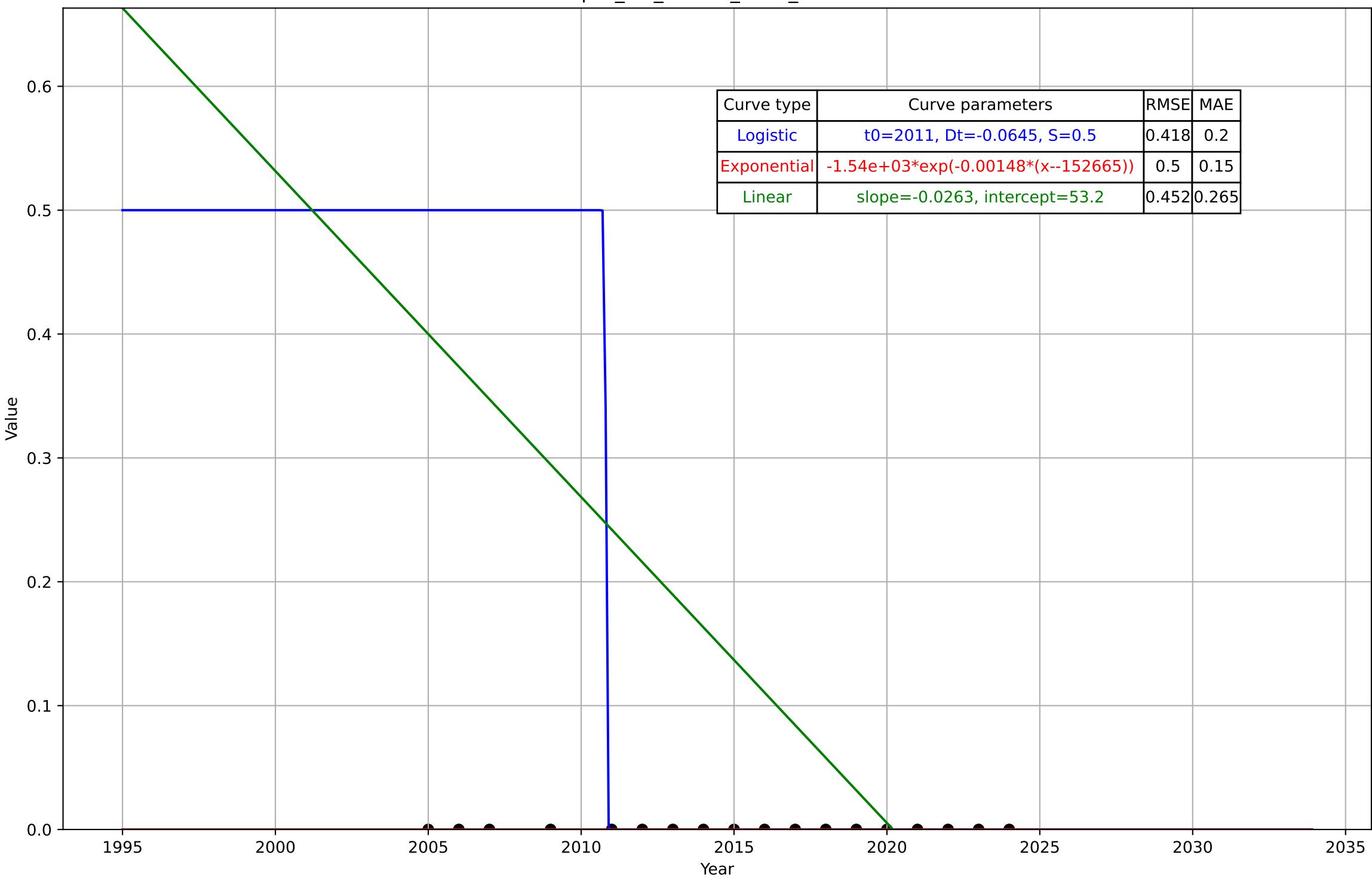
passive building retrofits
Belgium
1.1
new building
number of buildings
Adoption over time
pas_bel_1.1Ado_d132_m135
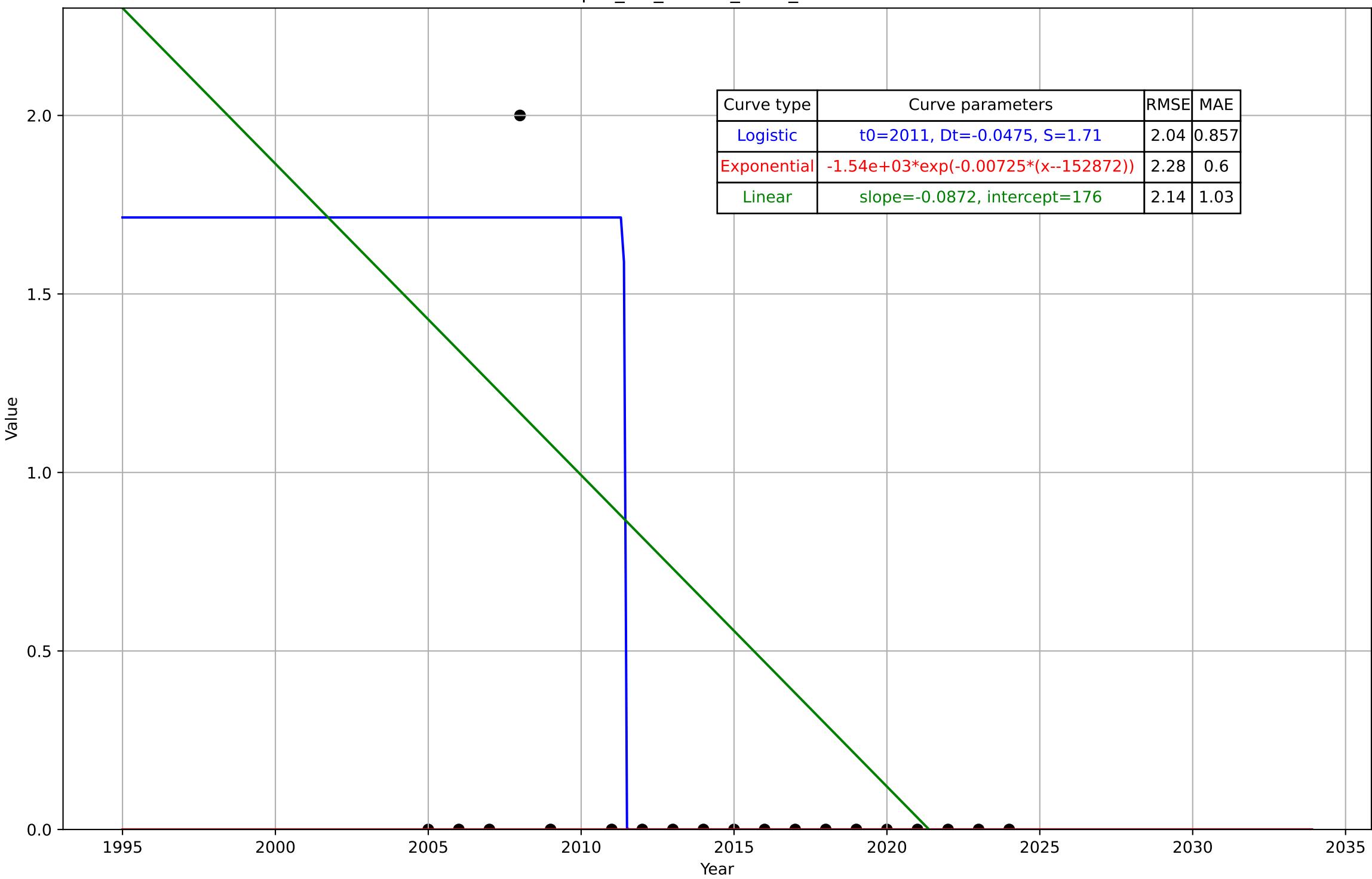
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=-0.101, S=2.71	0.878	0.486
Exponential	3.32*exp(-0.161*(x-2006))	1.02	0.697
Linear	slope=-0.183, intercept=371	1.03	0.748

passive building retrofits
Belgium
1.1
renovation
floorspace
Adoption over time
pas_bel_1.1Ado_d181_m101

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-0.0549, S=322	255	129
Exponential	178*exp(-0.113*(x-2008))	282	172
Linear	slope=-16.5, intercept=3.33e+04	279	170

passive building retrofits
Belgium
1.1
renovation
number of buildings
Adoption over time
pas_bel_1.1Ado_d181_m135

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-0.0645, S=0.5	0.418	0.2
Exponential	-1.54e+03*exp(-0.00148*(x--152665))	0.5	0.15
Linear	slope=-0.0263, intercept=53.2	0.452	0.265

passive building retrofits
Belgium
1.1
renovation
number of units
Adoption over time
pas_bel_1.1Ado_d181_m138

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-0.0475, S=1.71	2.04	0.857
Exponential	-1.54e+03*exp(-0.00725*(x--152872))	2.28	0.6
Linear	slope=-0.0872, intercept=176	2.14	1.03
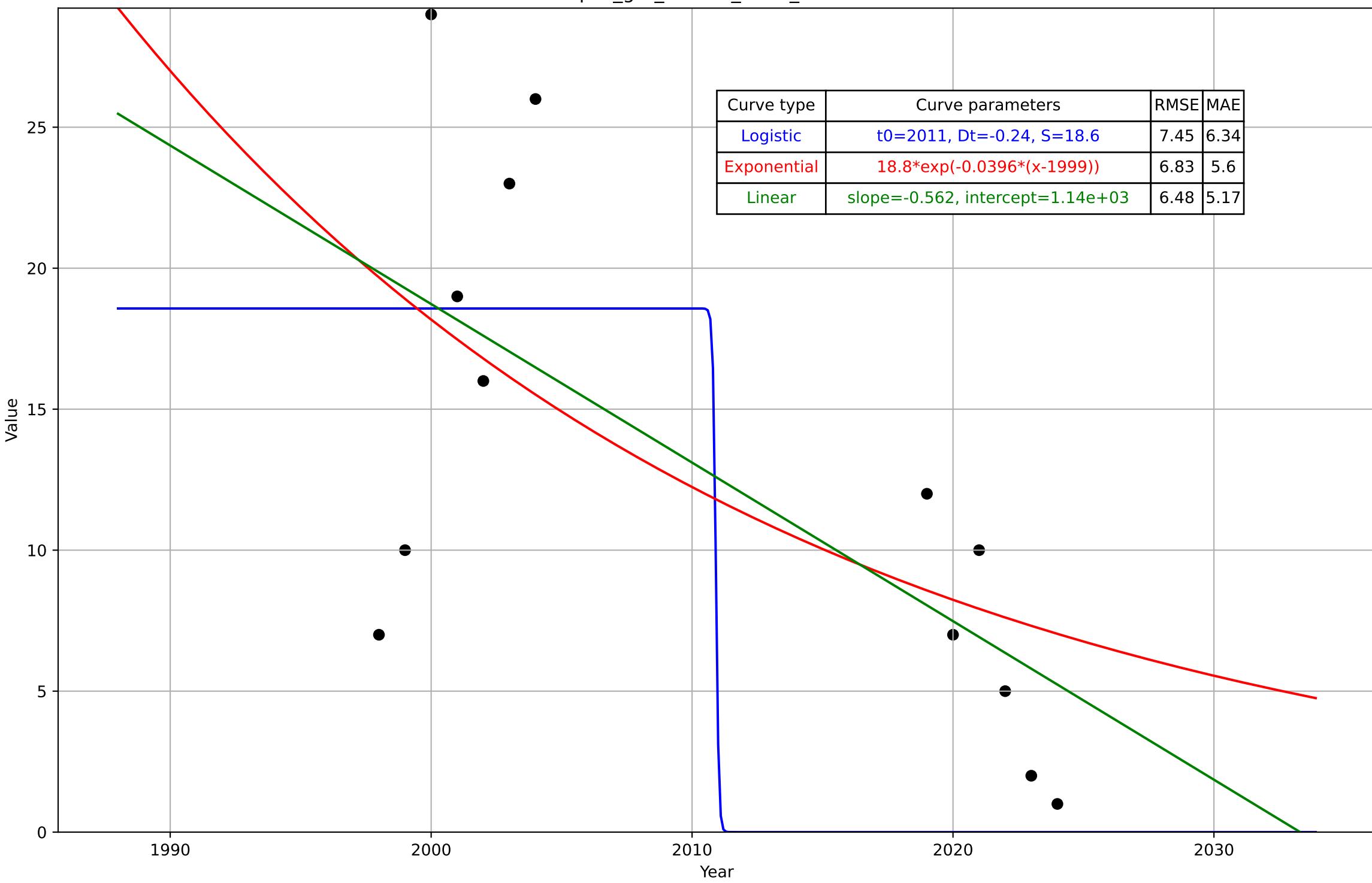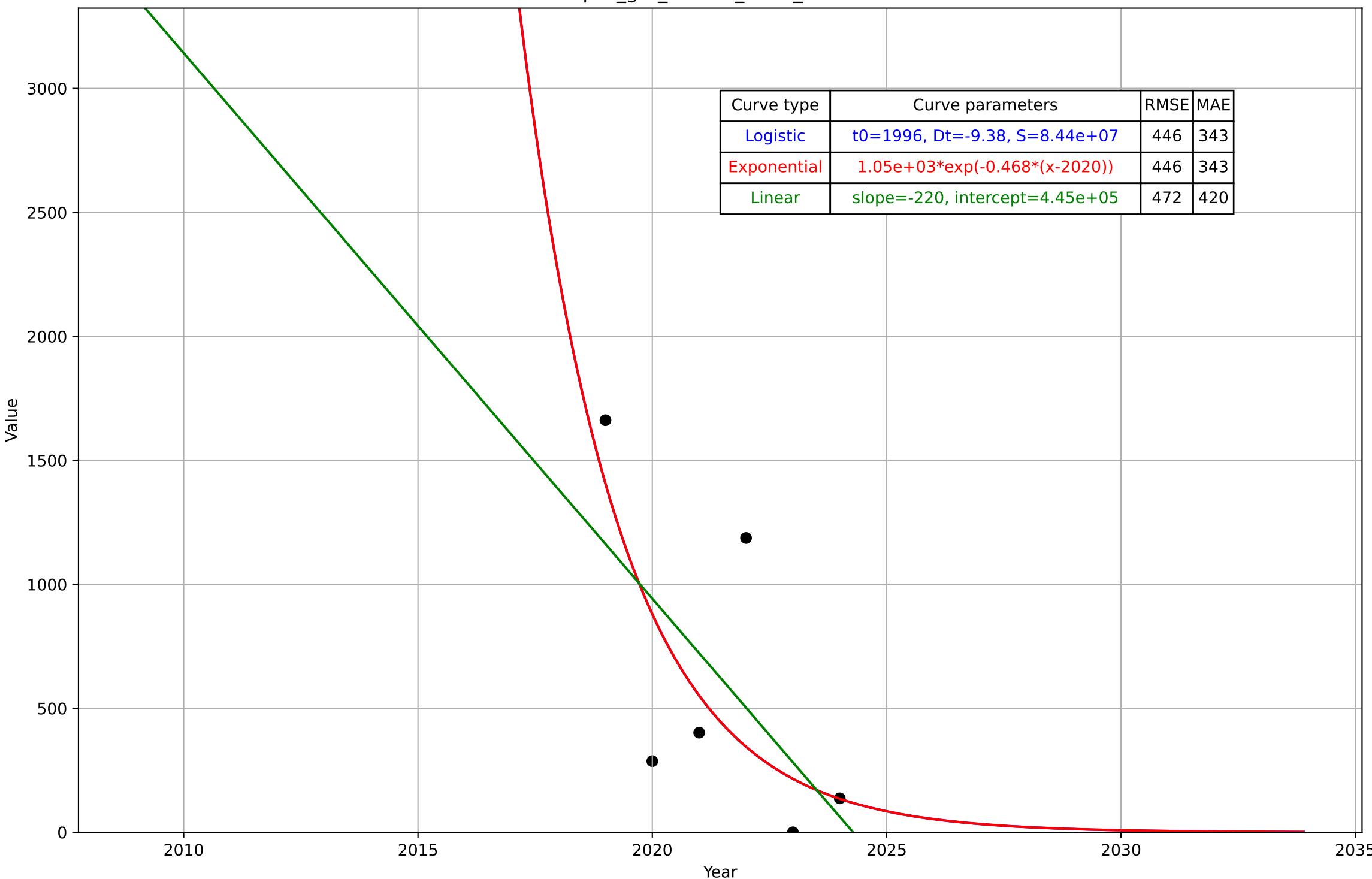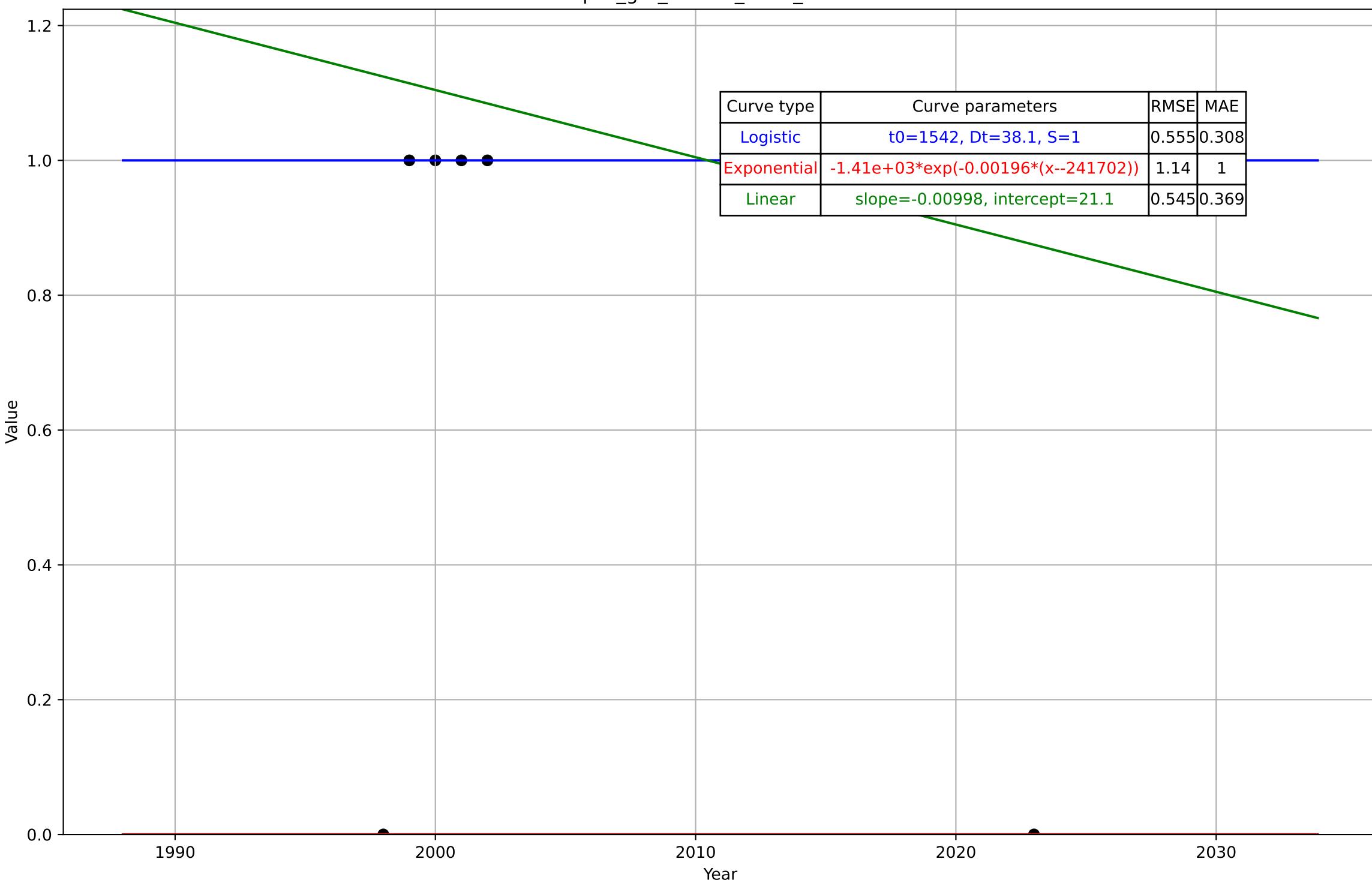
passive building retrofits
Germany
1.1
new building
number of buildings
Adoption over time
pas_ger_1.1Ado_d132_m135
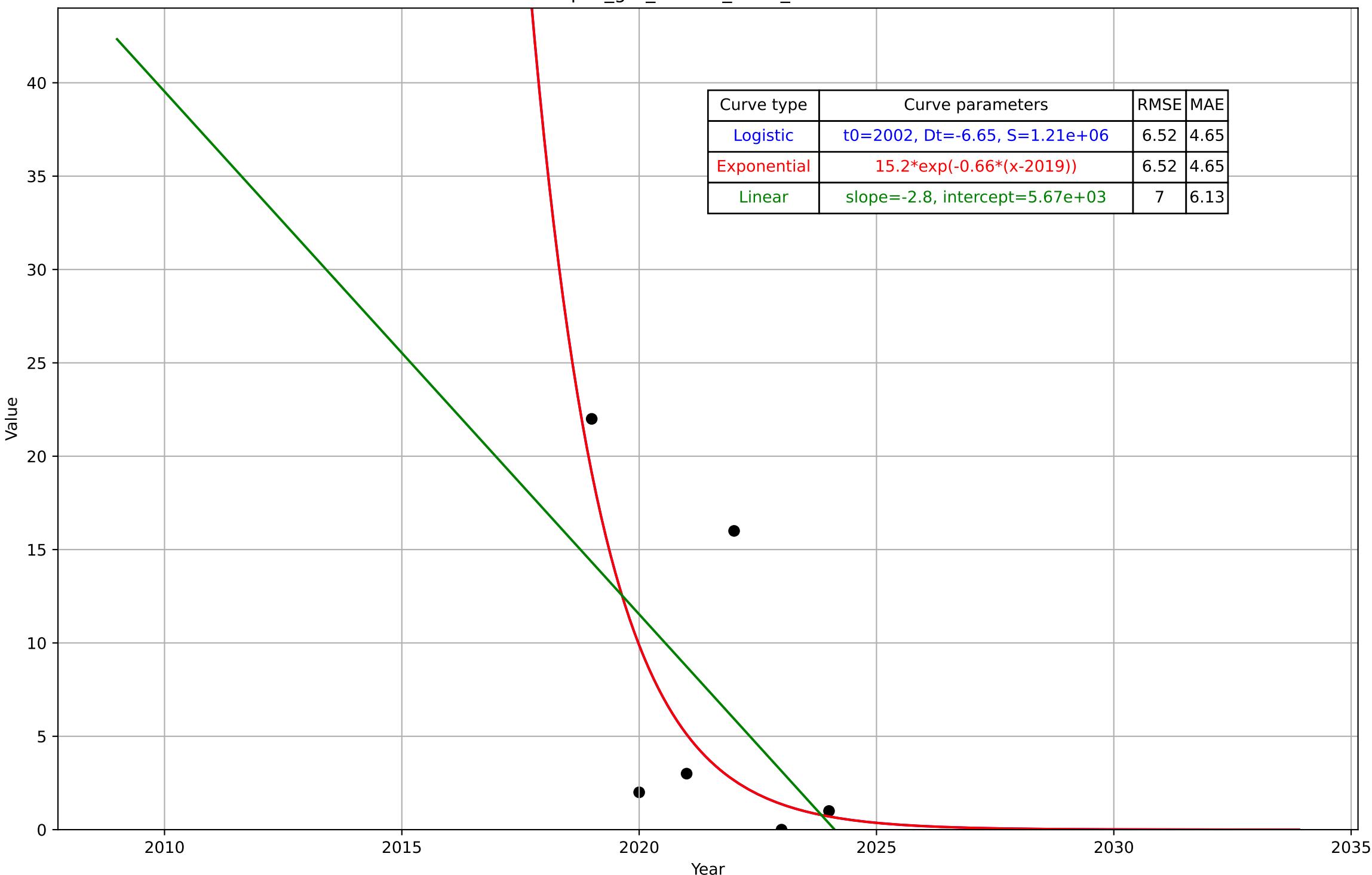
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-0.24, S=18.6	7.45	6.34
Exponential	18.8*exp(-0.0396*(x-1999))	6.83	5.6
Linear	slope=-0.562, intercept=1.14e+03	6.48	5.17

passive building retrofits
Germany
1.1
renovation
floorspace
Adoption over time
pas_ger_1.1Ado_d181_m101

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1996, Dt=-9.38, S=8.44e+07	446	343
Exponential	1.05e+03*exp(-0.468*(x-2020))	446	343
Linear	slope=-220, intercept=4.45e+05	472	420

passive building retrofits
Germany
1.1
renovation
number of buildings
Adoption over time
pas_ger_1.1Ado_d181_m135

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1542, Dt=38.1, S=1	0.555	0.308
Exponential	-1.41e+03*exp(-0.00196*(x--241702))	1.14	1
Linear	slope=-0.00998, intercept=21.1	0.545	0.369

passive building retrofits
Germany
1.1
renovation
number of units
Adoption over time
pas_ger_1.1Ado_d181_m138

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2002, Dt=-6.65, S=1.21e+06	6.52	4.65
Exponential	15.2*exp(-0.66*(x-2019))	6.52	4.65
Linear	slope=-2.8, intercept=5.67e+03	7	6.13
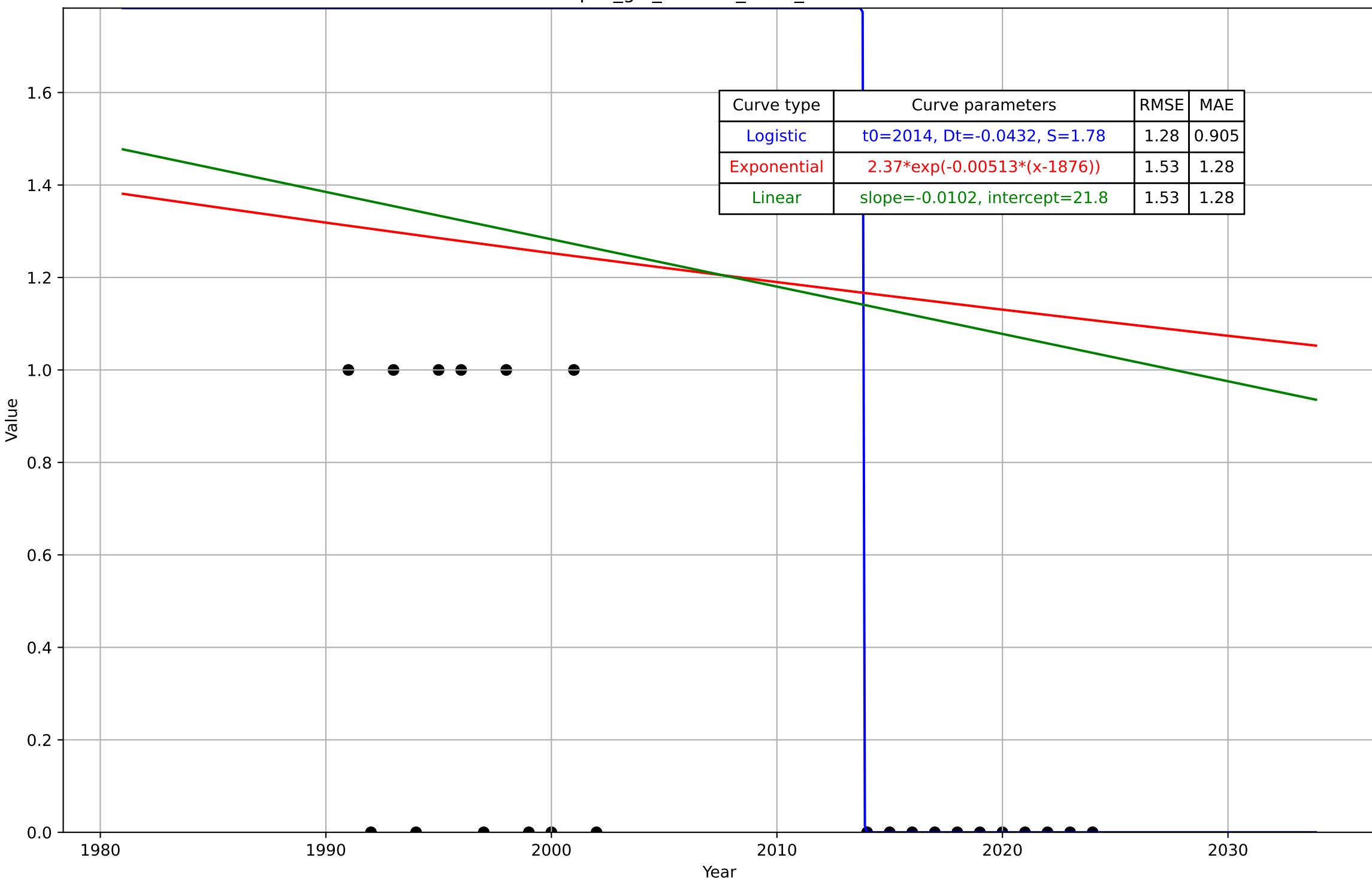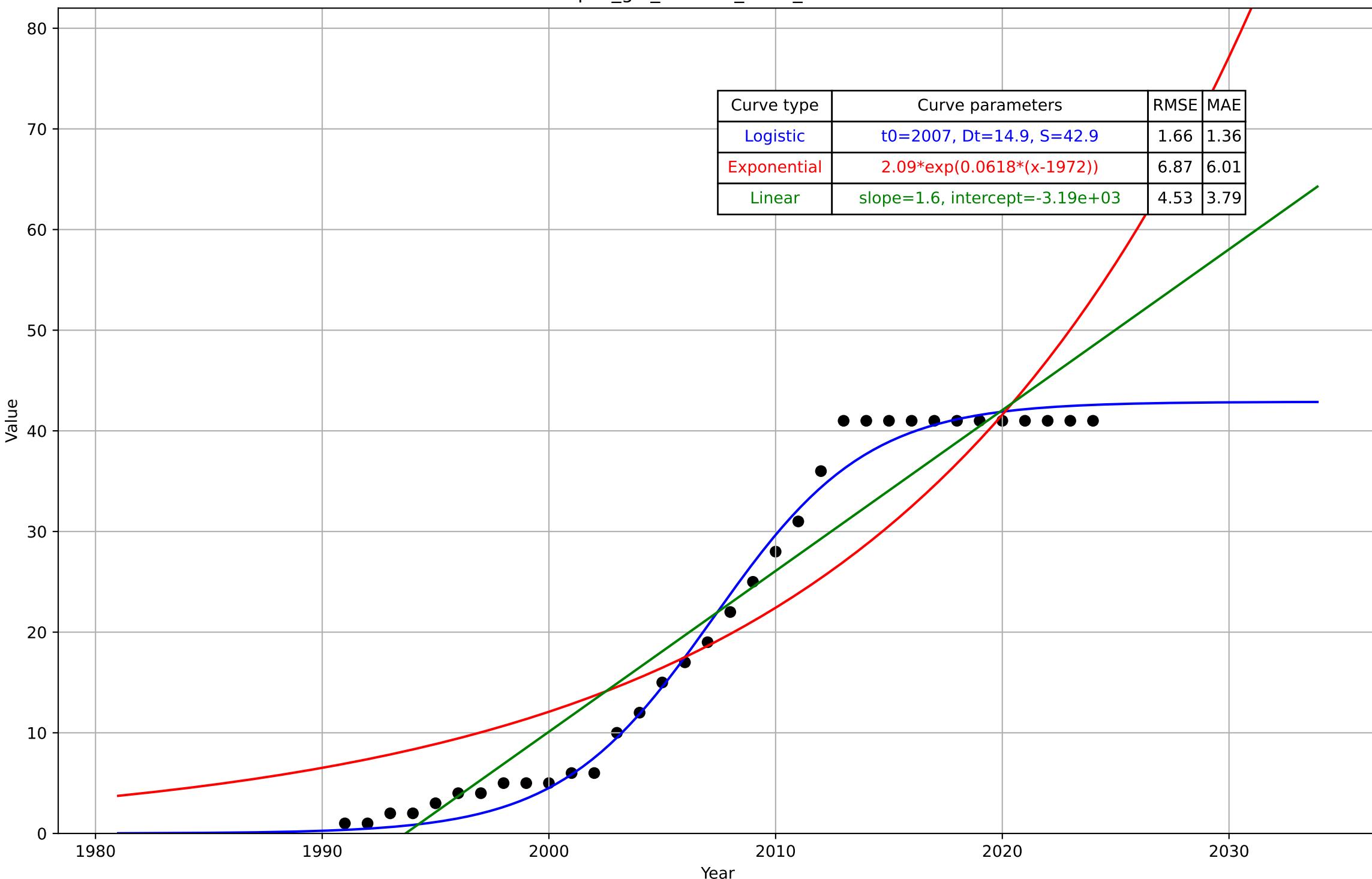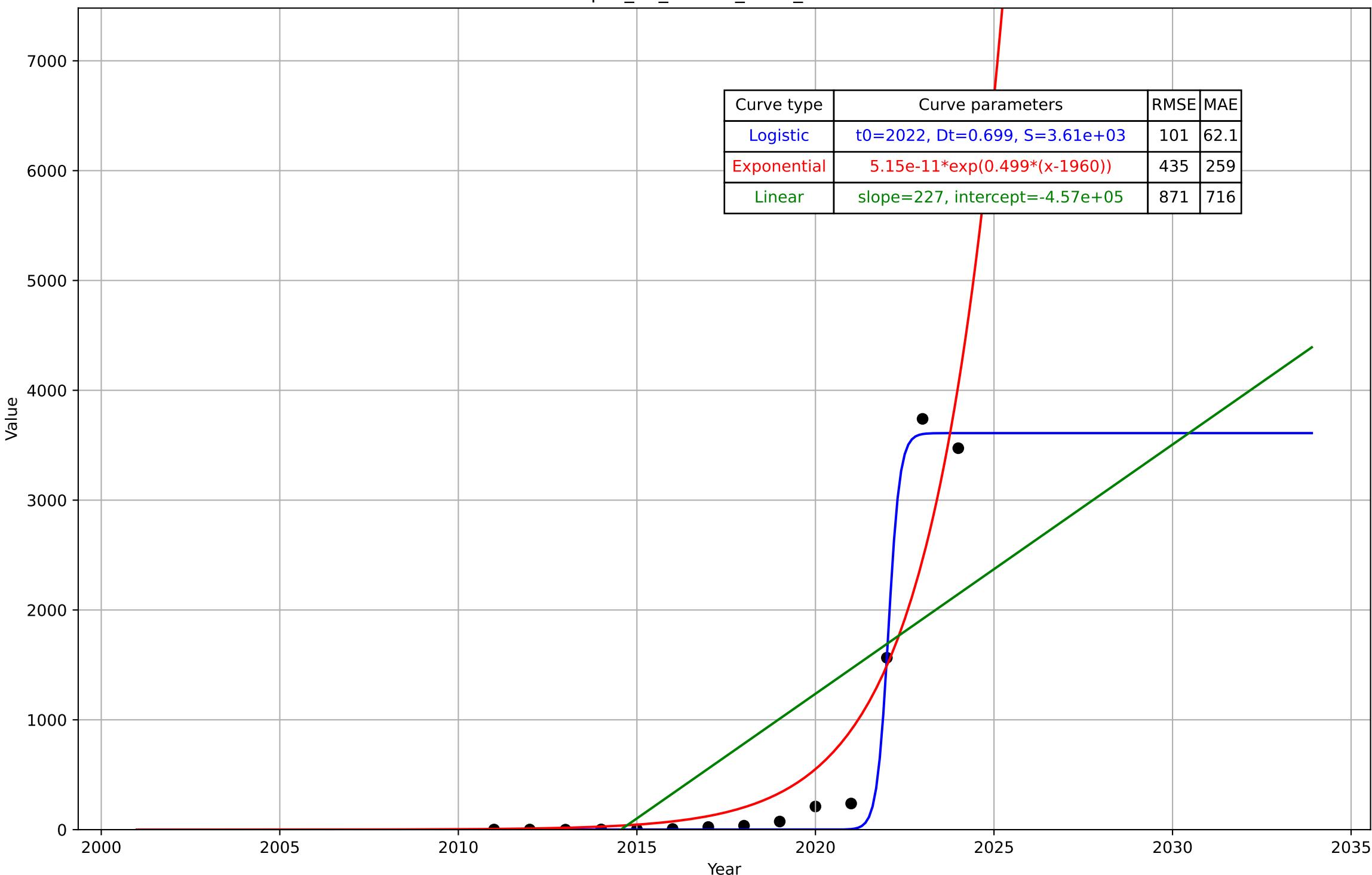
passive building retrofits
Global
4.3
new countries with passive buildings
countries
Compatibility
pas_glo_4.3Com_d002_m009

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2014, Dt=-0.0432, S=1.78	1.28	0.905
Exponential	2.37*exp(-0.00513*(x-1876))	1.53	1.28
Linear	slope=-0.0102, intercept=21.8	1.53	1.28

passive building retrofits
Global
4.3
cumulative # countries with passive buildings
countries
Compatibility
pas_glo_4.3Com_d075_m009

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2007, Dt=14.9, S=42.9	1.66	1.36
Exponential	2.09*exp(0.0618*(x-1972))	6.87	6.01
Linear	slope=1.6, intercept=-3.19e+03	4.53	3.79
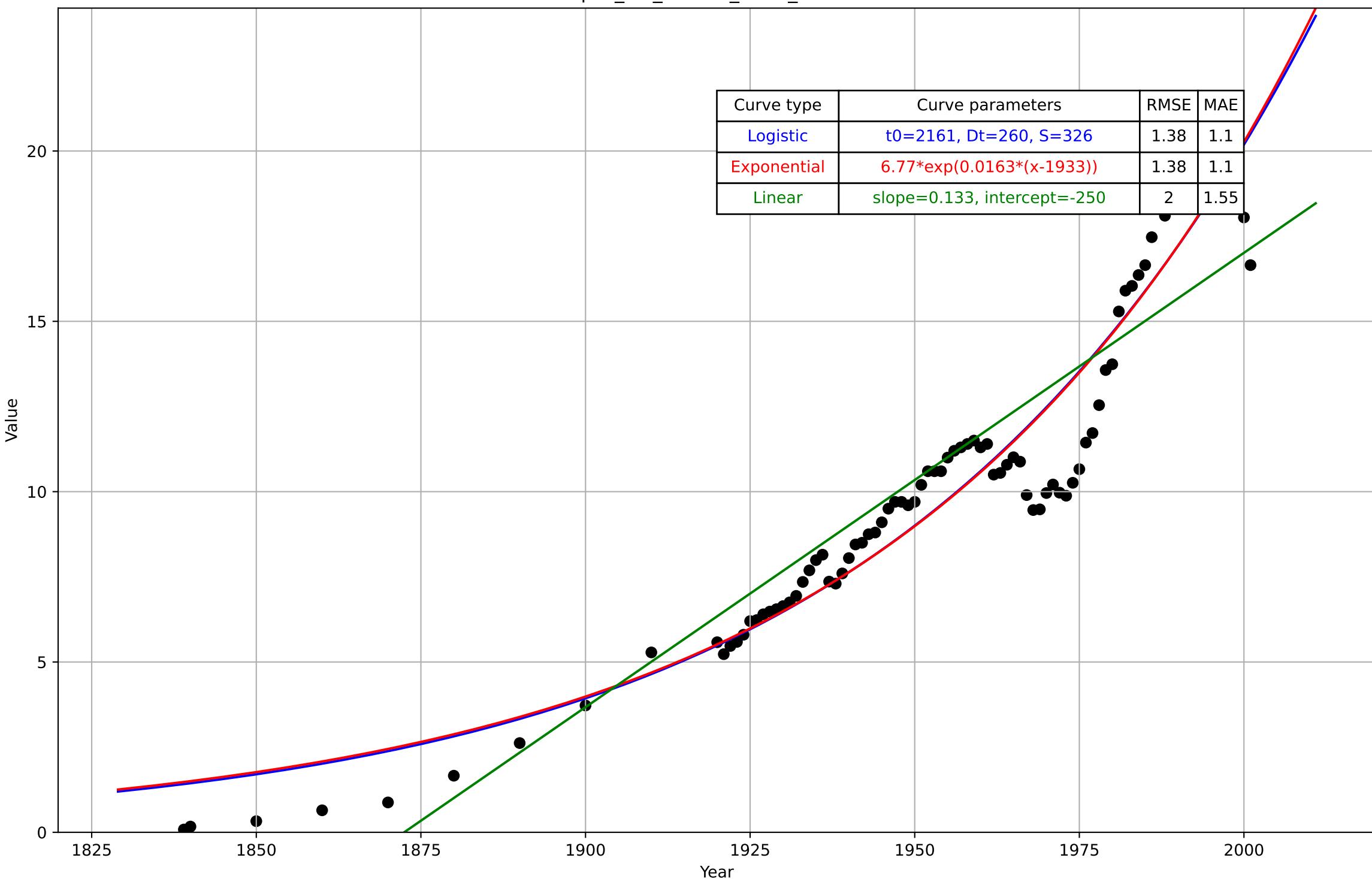
passive building retrofits
Ireland
1.1
Building Energy Rating issuances
number of A1 rated buildings certificates
Adoption over time
pas_ire_1.1Ado_d065_m134

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=0.699, S=3.61e+03	101	62.1
Exponential	5.15e-11*exp(0.499*(x-1960))	435	259
Linear	slope=227, intercept=-4.57e+05	871	716
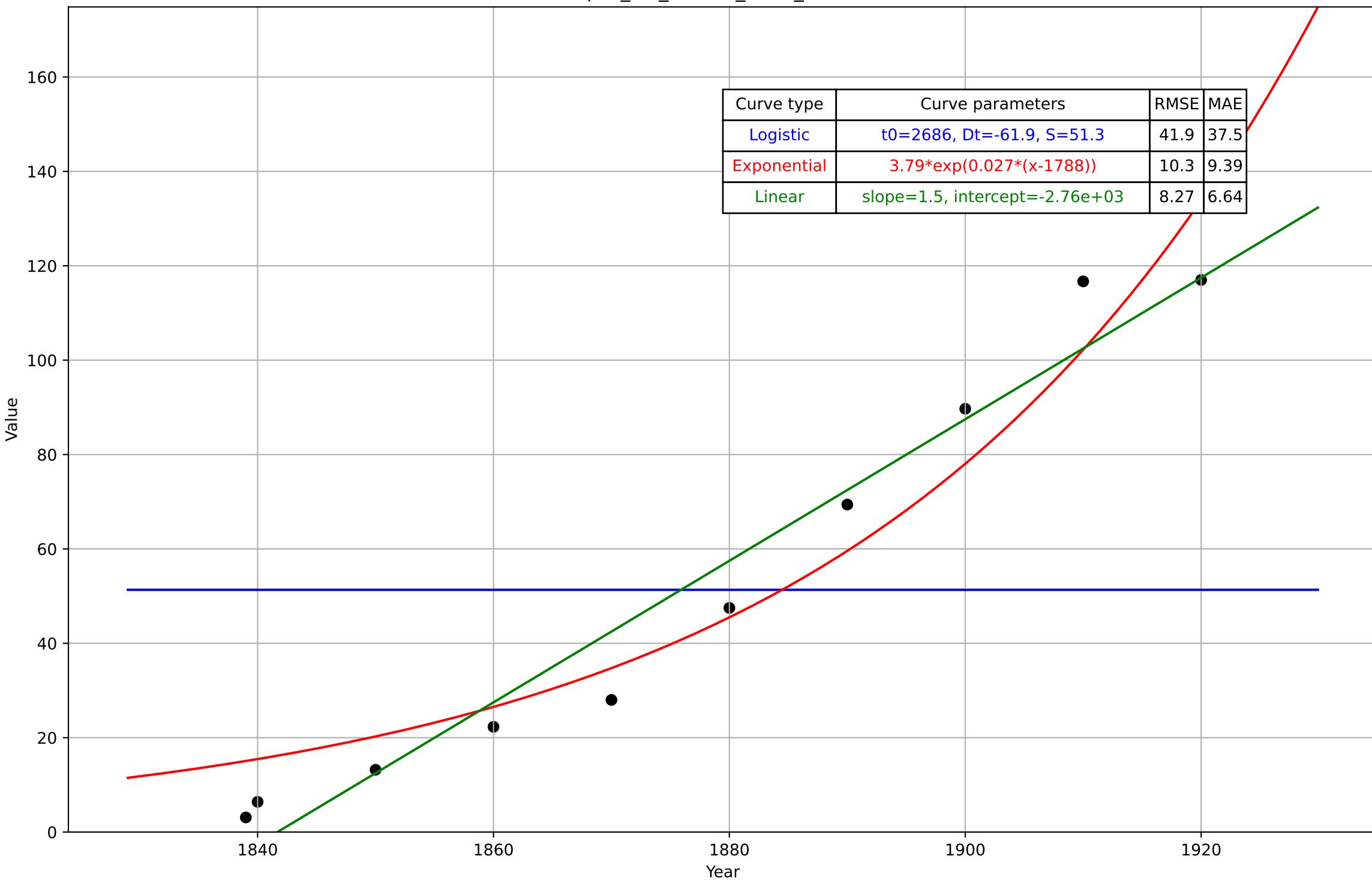
postage stamps
UK
1.1
No. of letters posted via Royal Mail (excludes parcels)
Billion letters
Adoption over time
pos_uki_1.1Ado_d133_m093
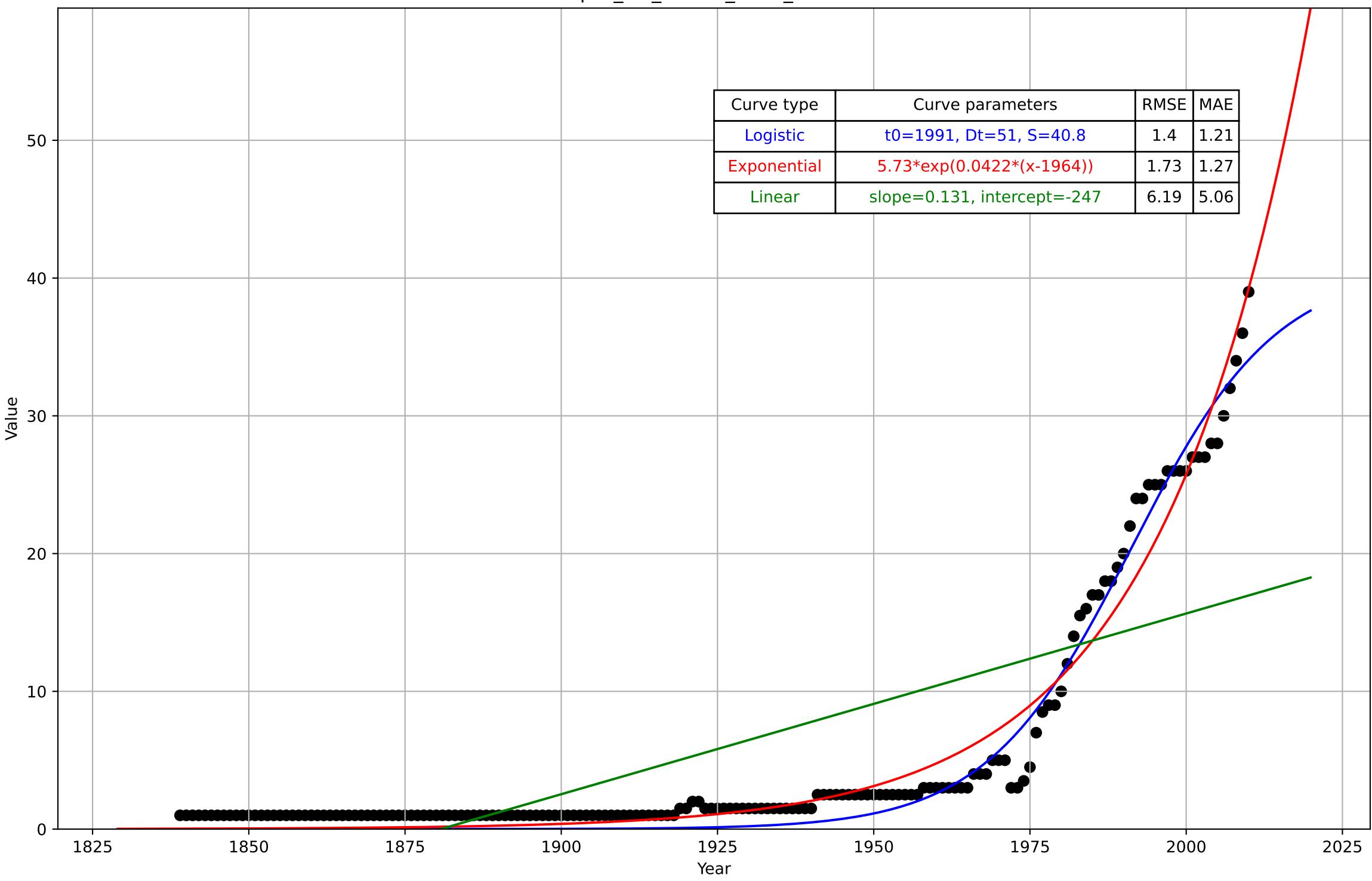
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2161, Dt=260, S=326	1.38	1.1
Exponential	6.77*exp(0.0163*(x-1933))	1.38	1.1
Linear	slope=0.133, intercept=-250	2	1.55
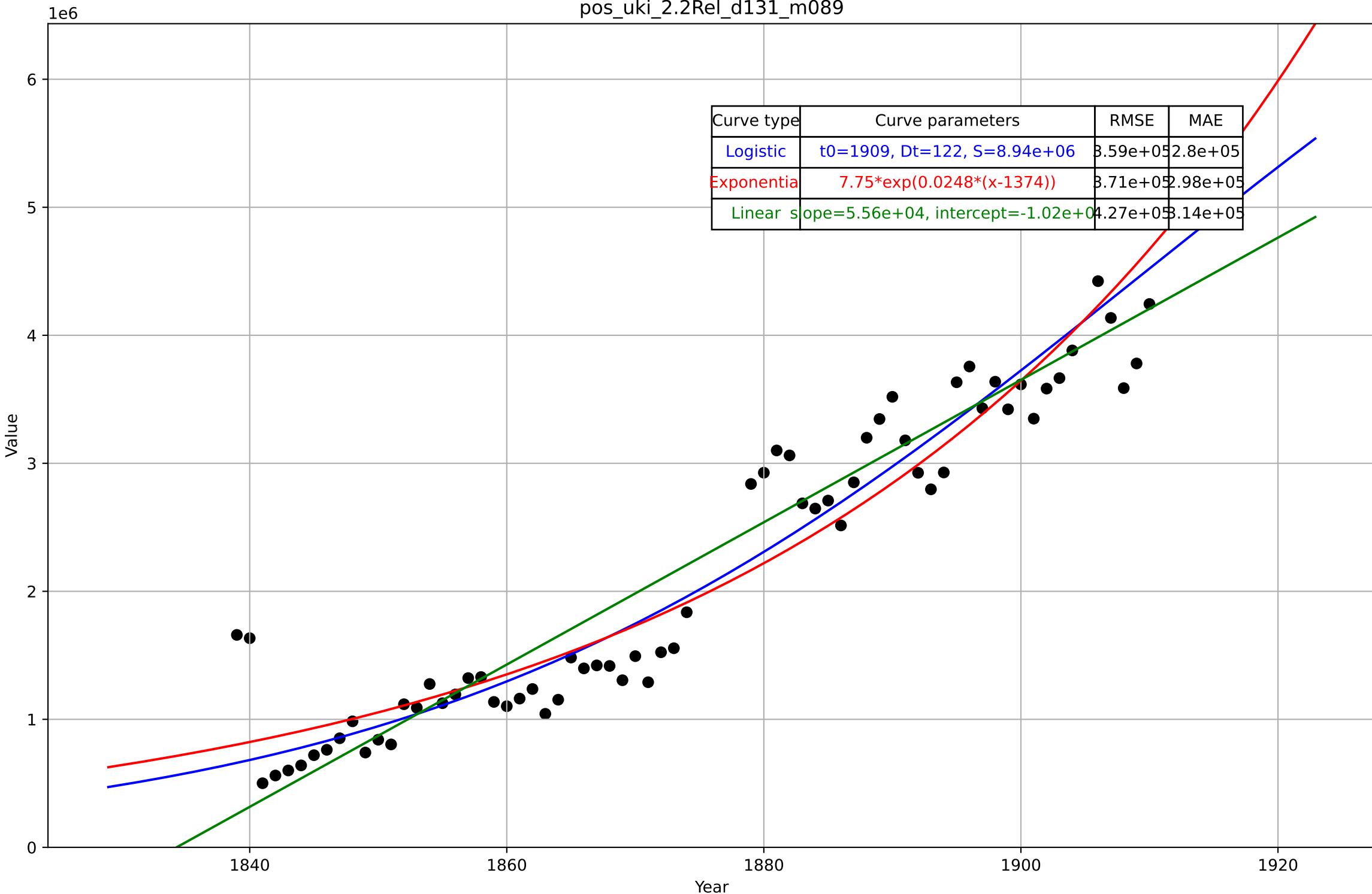
postage stamps
UK
1.1
No. of letters posted via Royal Mail (excludes parcels)
Letters per capita
Adoption over time
pos_uki_1.1Ado_d133_m119

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2686, Dt=-61.9, S=51.3	41.9	37.5
Exponential	3.79*exp(0.027*(x-1788))	10.3	9.39
Linear	slope=1.5, intercept=-2.76e+03	8.27	6.64
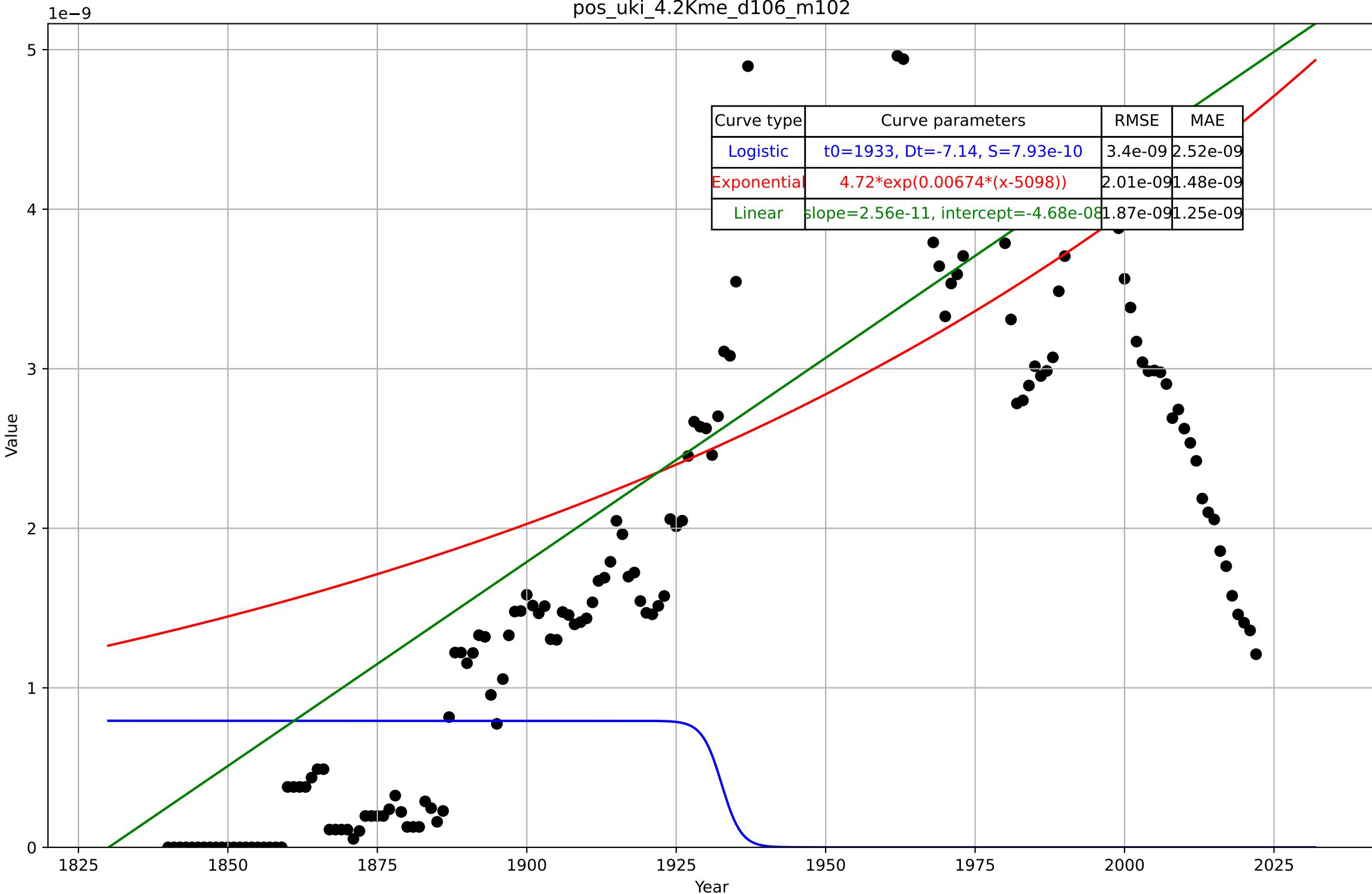
postage stamps
UK
2.1
Costs of a standard letter
Nominal cost (uninflated)
Learning
pos_uki_2.1Lea_d072_m132

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1991, Dt=51, S=40.8	1.4	1.21
Exponential	5.73*exp(0.0422*(x-1964))	1.73	1.27
Linear	slope=0.131, intercept=-247	6.19	5.06
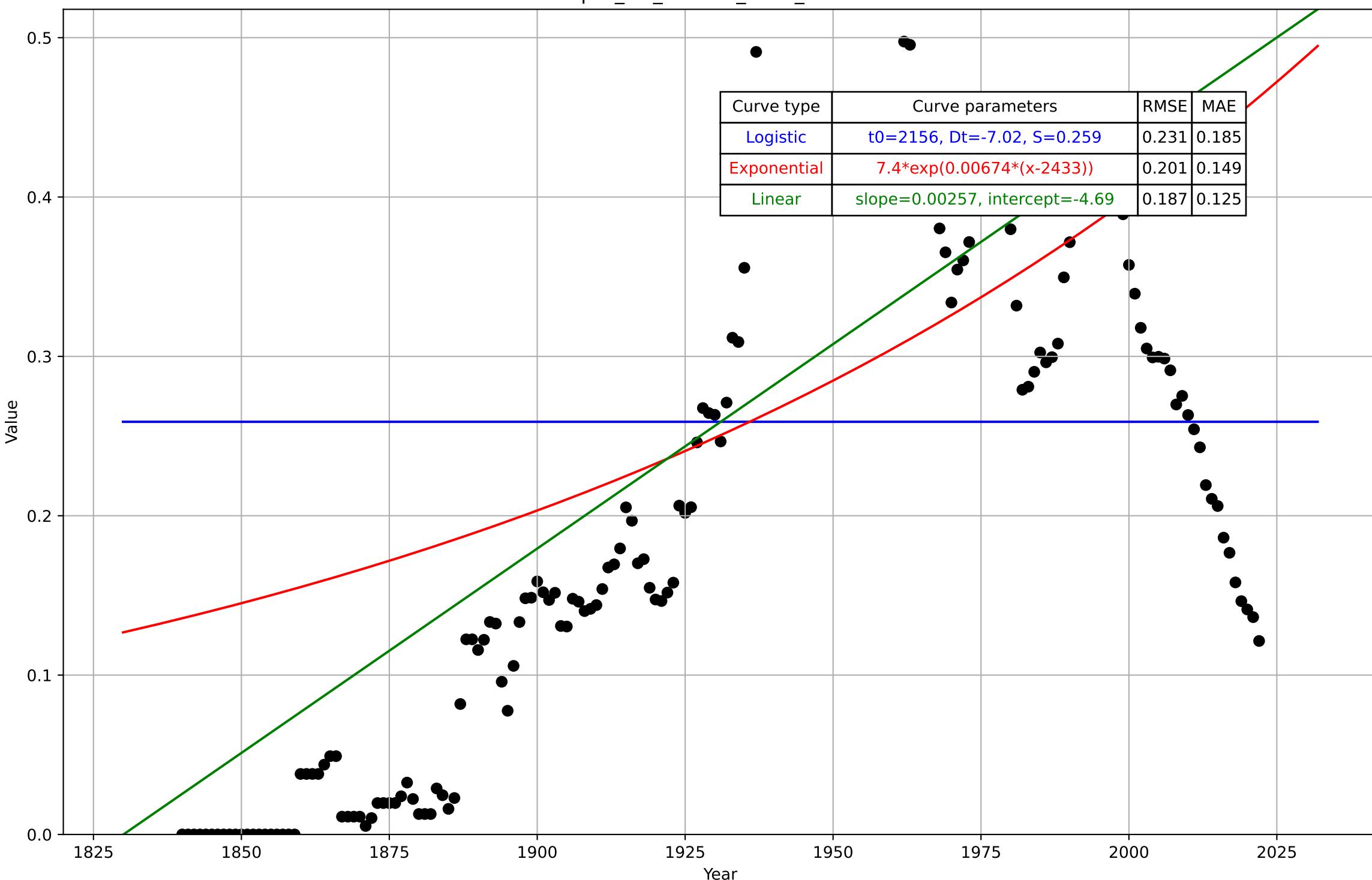
postage stamps
UK
2.2
Net Revenue
£
Relative Advantage [Profitability]:
pos_uki_2.2Rel_d131_m089

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1909, Dt=122, S=8.94e+06	3.59e+05	2.8e+05
Exponential	7.75*exp(0.0248*(x-1374))	3.71e+05	2.98e+05
Linear	slope=5.56e+04, intercept=-1.02e+0	4.27e+05	3.14e+05
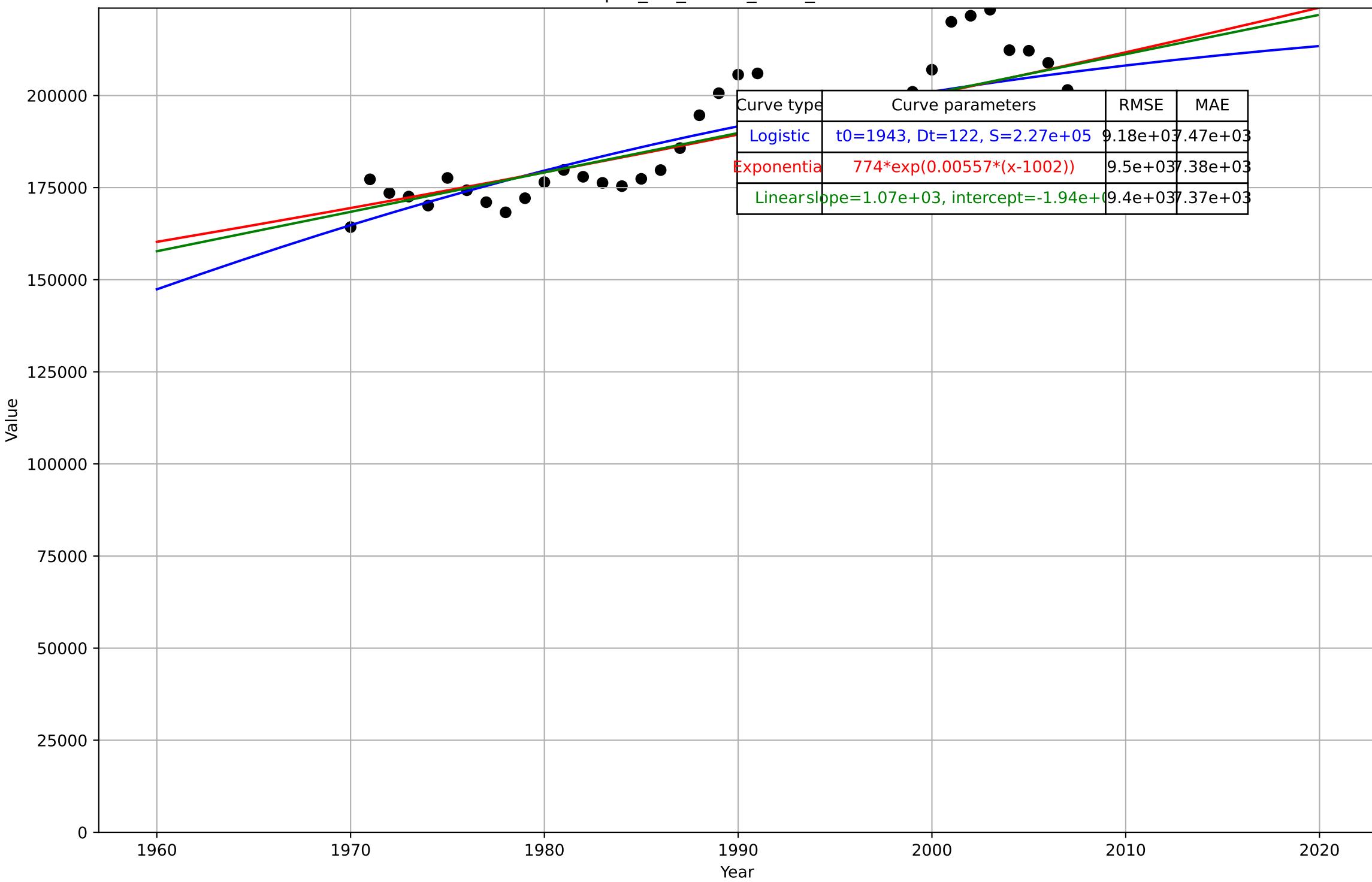
postage stamps
UK
4.2
Frequency of the word "postage stamp" in ngram corpus
Frequency
Knowledge flows
pos_uki_4.2Kme_d106_m102

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1933, Dt=-7.14, S=7.93e-10	3.4e-09	2.52e-09
Exponential	4.72*exp(0.00674*(x-5098))	2.01e-09	1.48e-09
Linear	slope=2.56e-11, intercept=-4.68e-08	1.87e-09	1.25e-09
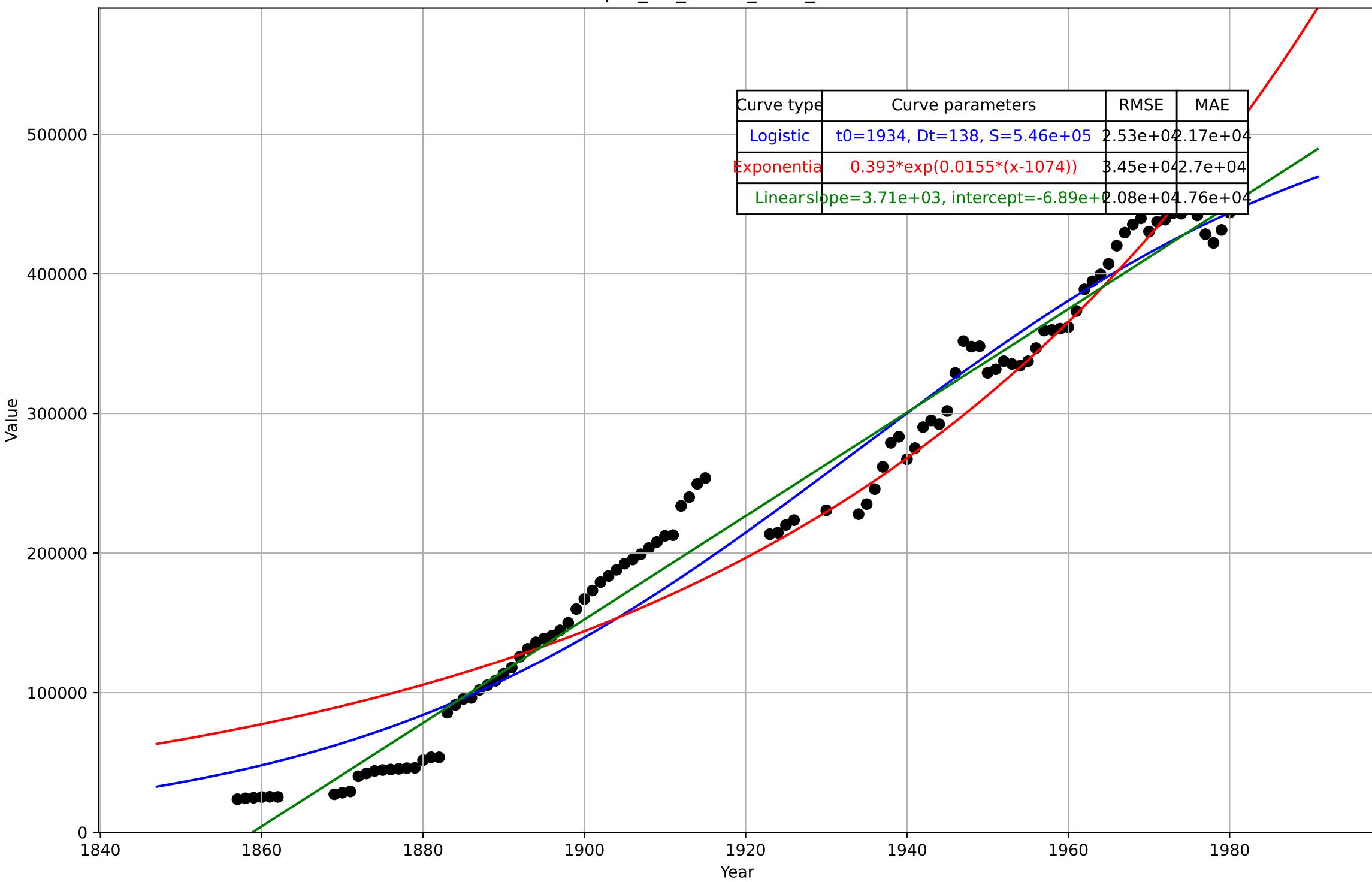
postage stamps
UK
4.2
Frequency of the word "postage stamp" in ngram corpus
Indexed to max
Knowledge flows
pos_uki_4.2Kme_d106_m110

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2156, Dt=-7.02, S=0.259	0.231	0.185
Exponential	7.4*exp(0.00674*(x-2433))	0.201	0.149
Linear	slope=0.00257, intercept=-4.69	0.187	0.125

postage stamps
UK
4.4
Number of employees
thousands (only in post offices since 1970)
Provisioning System
pos_uki_4.4Pro_d138_m022

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1943, Dt=122, S=2.27e+05	9.18e+03	7.47e+03
Exponential	774*exp(0.00557*(x-1002))	9.5e+03	7.38e+03
Linear	slope=1.07e+03, intercept=-1.94e+06	9.4e+03	7.37e+03

postage stamps
UK
4.4
Number of employees
thousands (total)
Provisioning System
pos_uki_4.4Pro_d138_m023

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=1934, Dt=138, S=5.46e+05	2.53e+02	2.17e+04
Exponential	0.393*exp(0.0155*(x-1074))	3.45e+04	2.7e+04
Linear	slope=3.71e+03, intercept=-6.89e+0	2.08e+04	1.76e+04
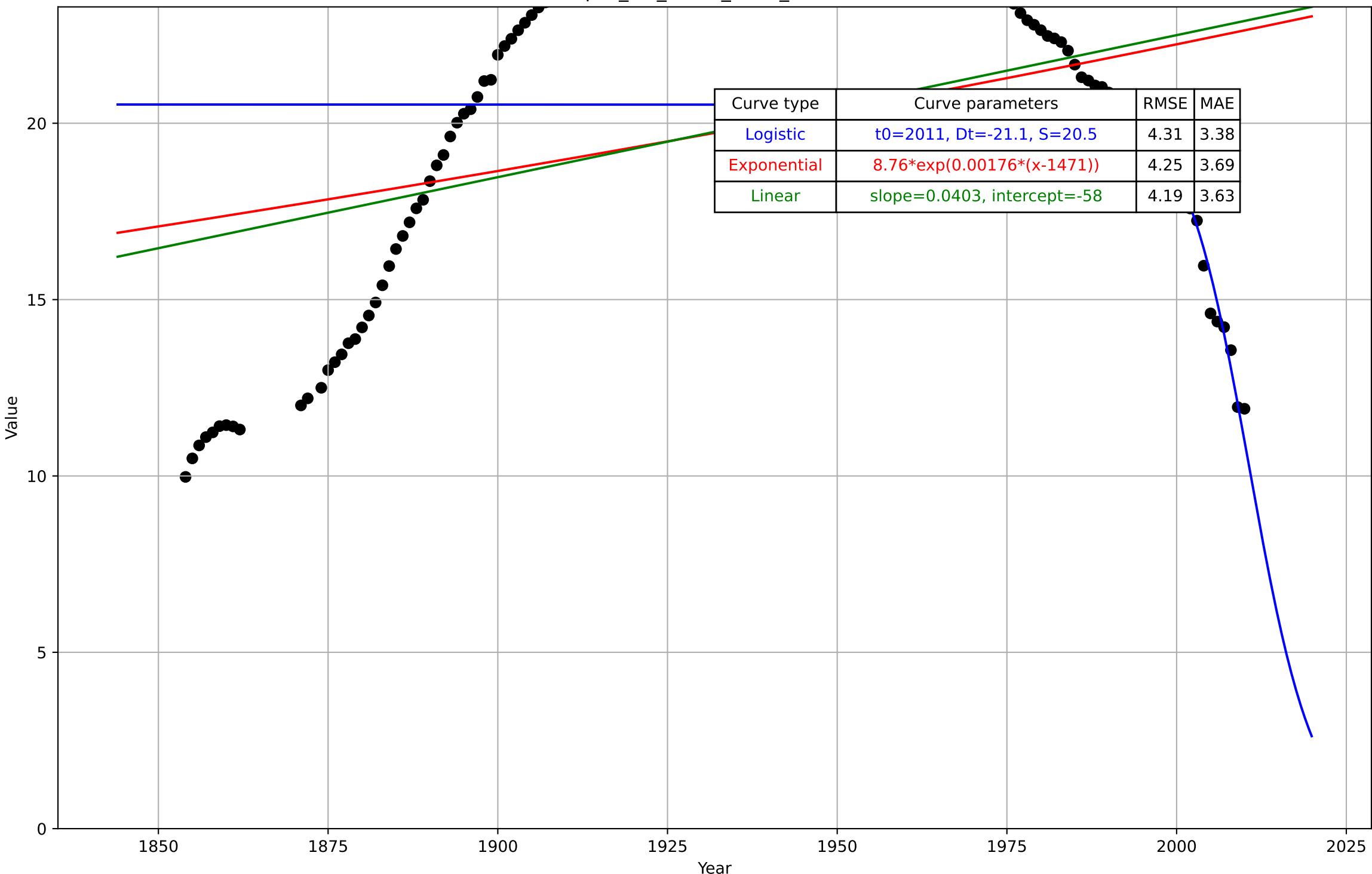
postage stamps
UK
4.5
Number of Post offices
thousands
Physical Infrastructure Dependence
pos_uki_4.5Inf_d143_m021
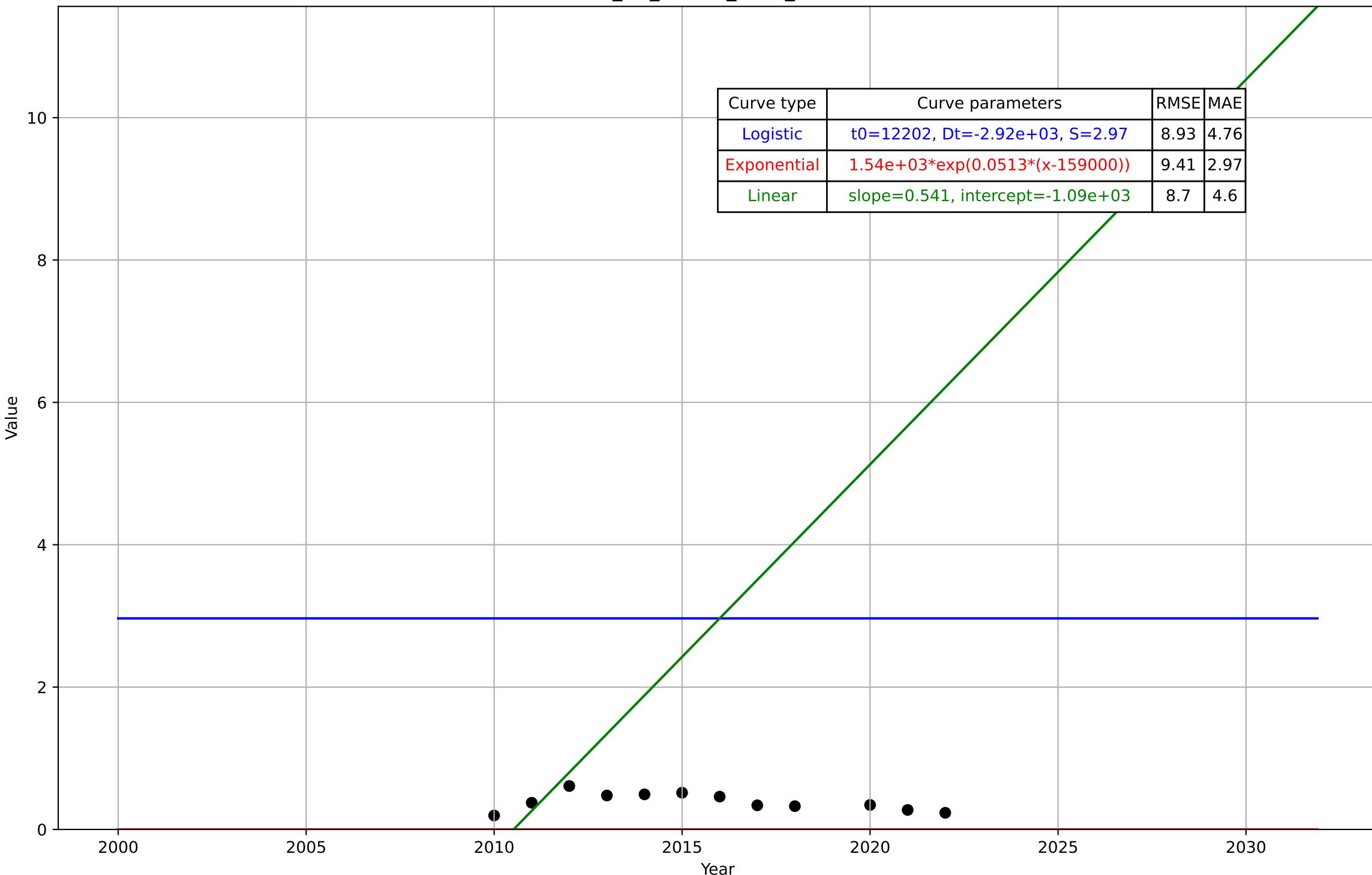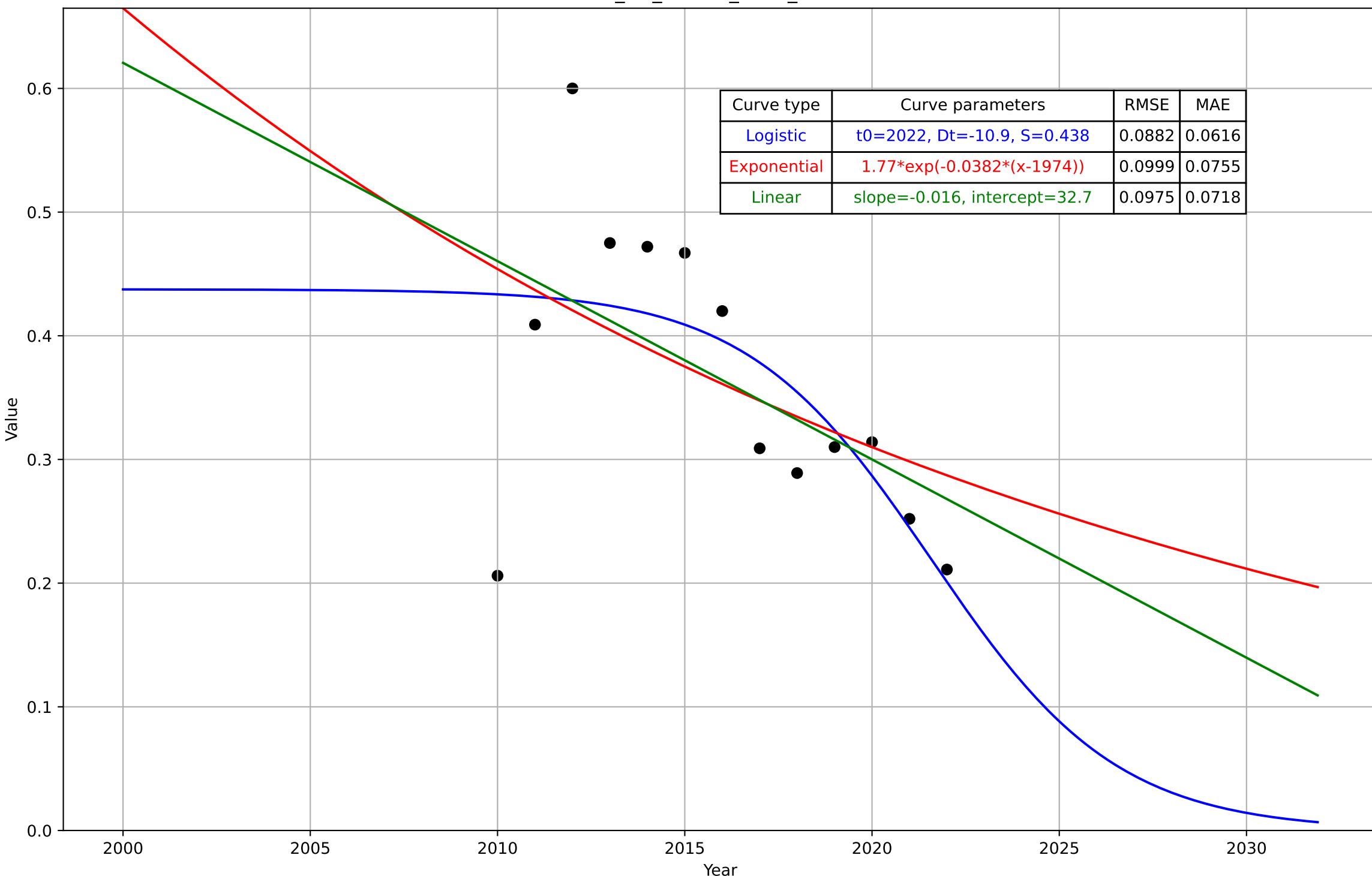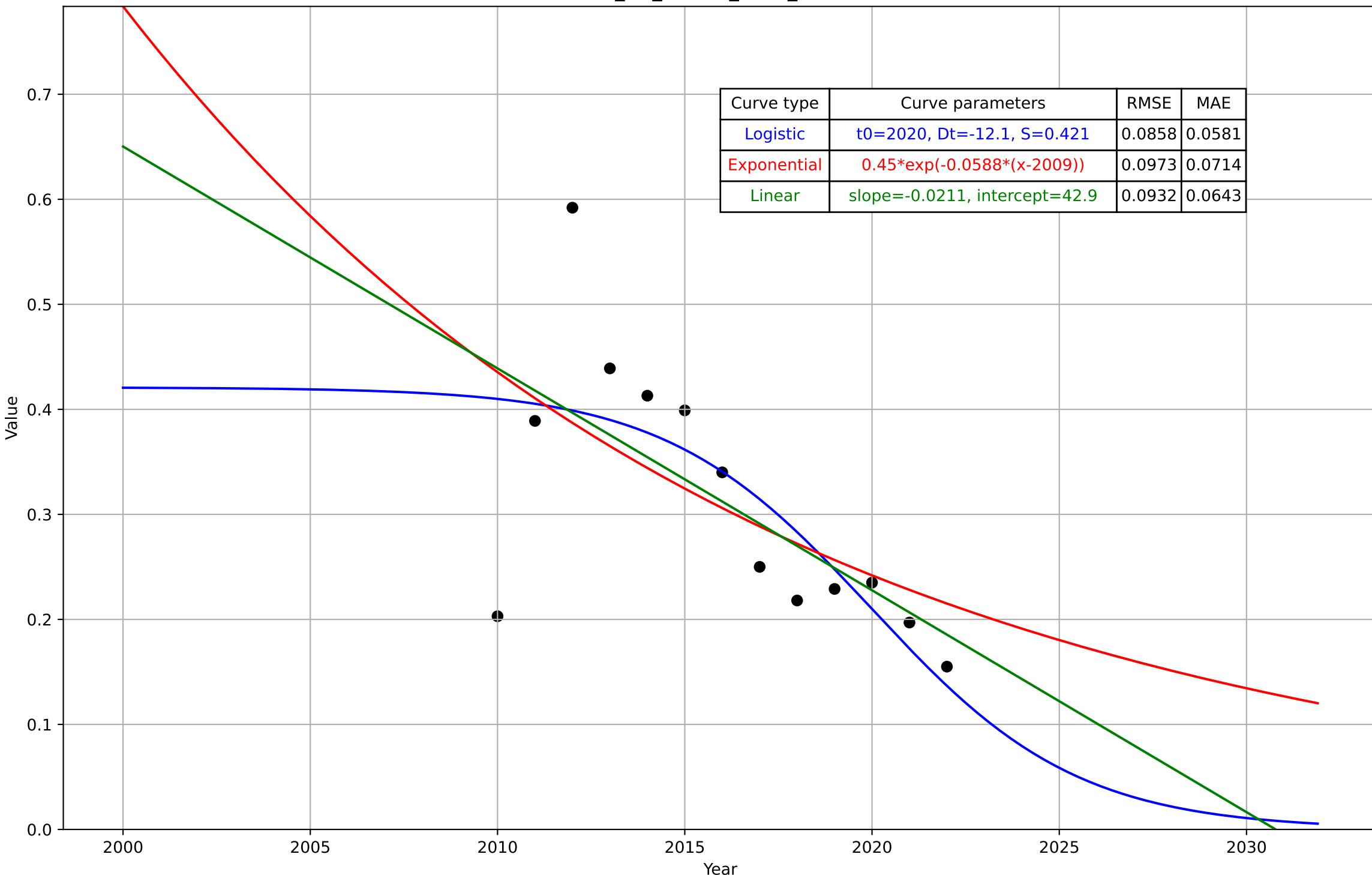
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=-21.1, S=20.5	4.31	3.38
Exponential	8.76*exp(0.00176*(x-1471))	4.25	3.69
Linear	slope=0.0403, intercept=-58	4.19	3.63

solar leasing
California
1.1
% third party owned systems ($100k - 150k$)
%
Adoption over Time
sol_cal_1.1Ado_d041_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=12202, Dt=-2.92e+03, S=2.97	8.93	4.76
Exponential	1.54e+03*exp(0.0513*(x-159000))	9.41	2.97
Linear	slope=0.541, intercept=-1.09e+03	8.7	4.6

solar leasing
California
1.1
% third party owned systems ($150k - 200k$)
%
Adoption over Time
sol_cal_1.1Ado_d042_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2022, Dt=-10.9, S=0.438	0.0882	0.0616
Exponential	1.77*exp(-0.0382*(x-1974))	0.0999	0.0755
Linear	slope=-0.016, intercept=32.7	0.0975	0.0718

solar leasing
California
1.1
% third party owned systems $(200k - 250k)$
%
Adoption over Time
sol_cal_1.1Ado_d043_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-12.1, S=0.421	0.0858	0.0581
Exponential	0.45*exp(-0.0588*(x-2009))	0.0973	0.0714
Linear	slope=-0.0211, intercept=42.9	0.0932	0.0643

solar leasing
California
1.1
% third party owned systems ($50k - 100k$)
%
Adoption over Time
sol_cal_1.1Ado_d044_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=1.94, S=0.431	0.0851	0.071
Exponential	1.56e+03*exp(0.000521*(x-157445))	0.421	0.407
Linear	slope=-0.00464, intercept=9.76	0.105	0.0811
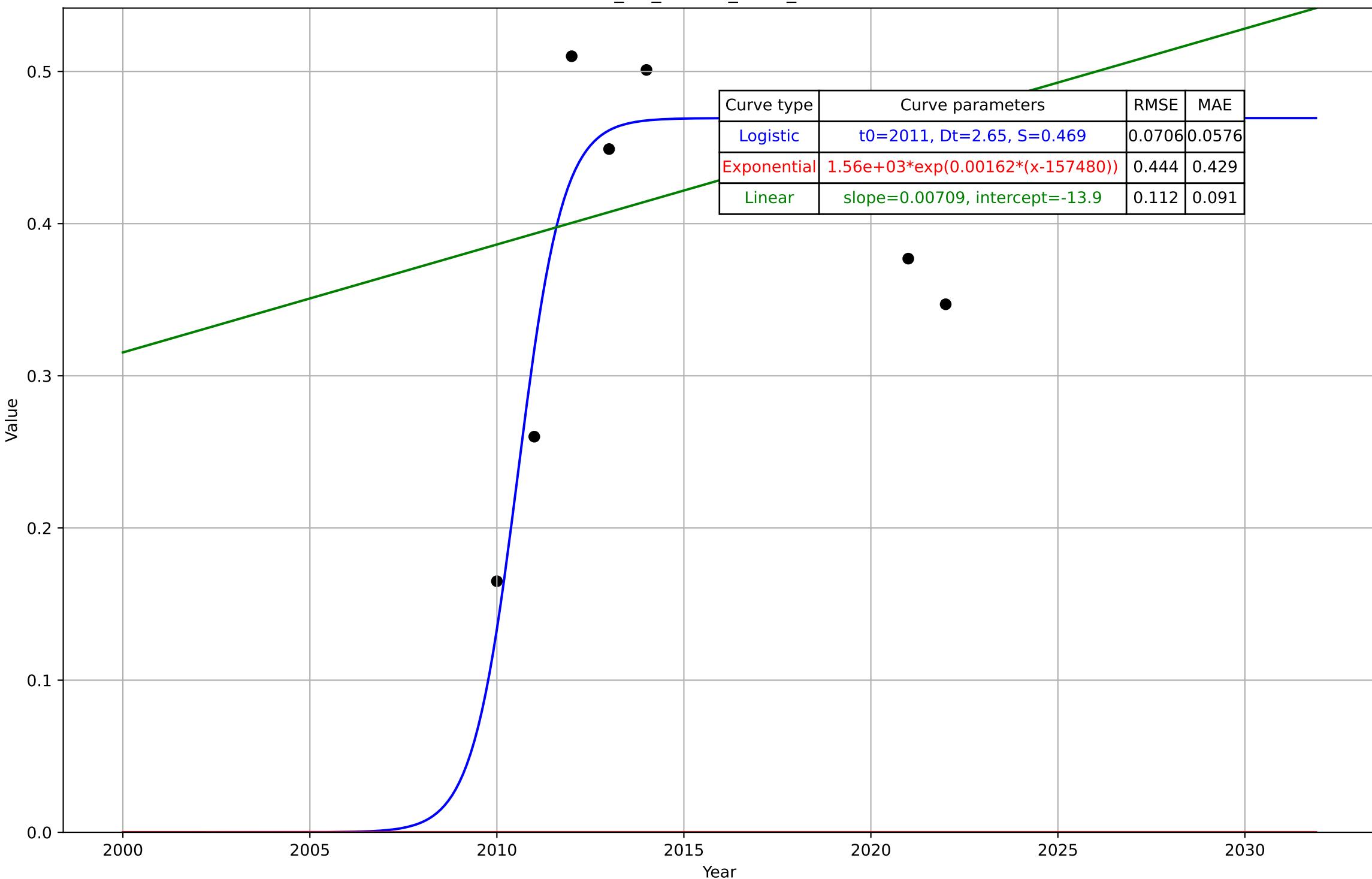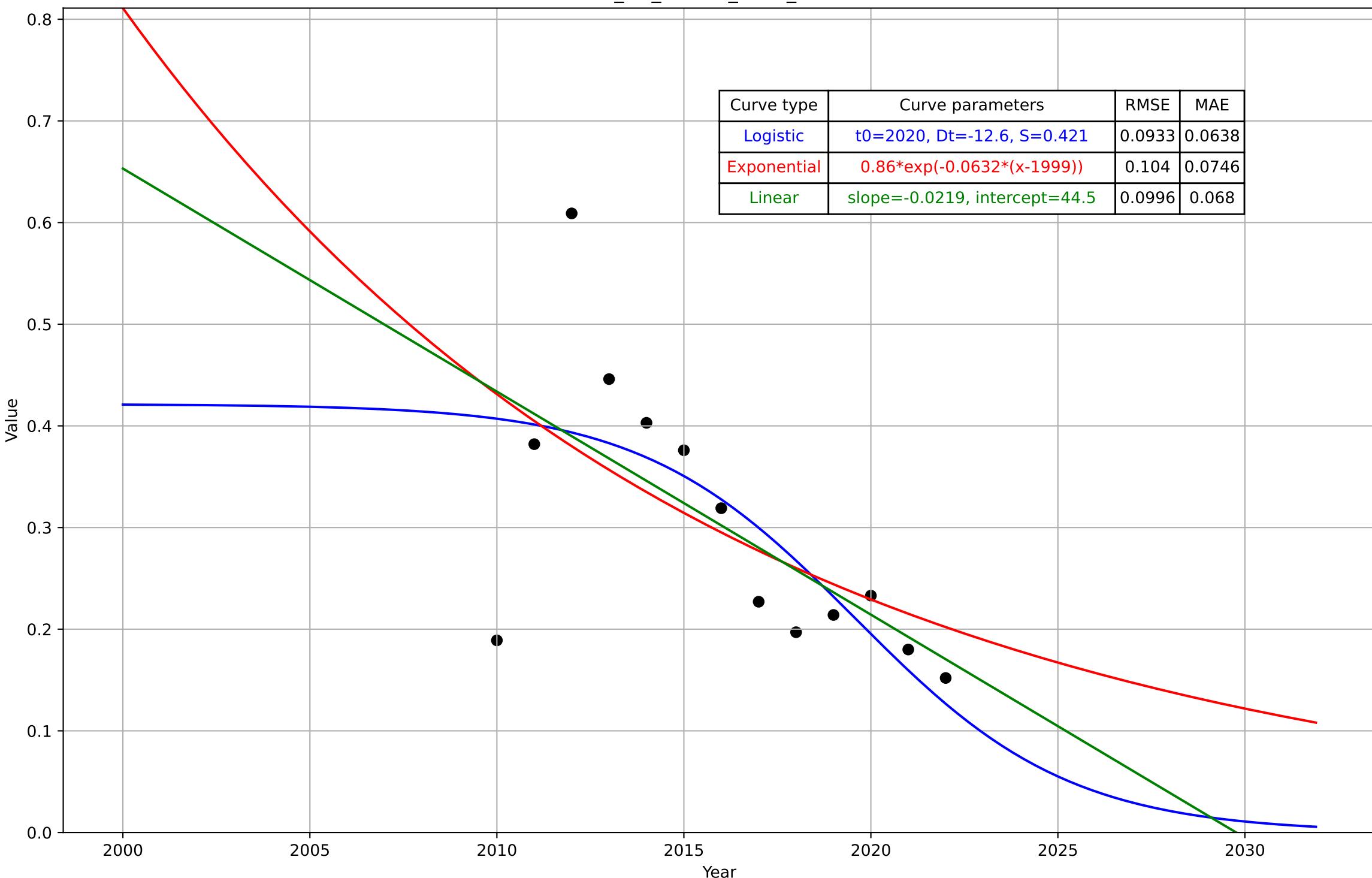
solar leasing
California
1.1
% third party owned systems (<$50k)
%
Adoption over Time
sol_cal_1.1Ado_d039_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=2.65, S=0.469	0.0706	0.0576
Exponential	1.56e+03*exp(0.00162*(x-157480))	0.444	0.429
Linear	slope=0.00709, intercept=-13.9	0.112	0.091

solar leasing
California
1.1
% third party owned systems (>$250k)
%
Adoption over Time
sol_cal_1.1Ado_d040_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2020, Dt=-12.6, S=0.421	0.0933	0.0638
Exponential	0.86*exp(-0.0632*(x-1999))	0.104	0.0746
Linear	slope=-0.0219, intercept=44.5	0.0996	0.068

solar leasing
Connecticut
1.1
% third party owned systems ($100k - 150k$)
%
Adoption over Time
sol_con_1.1Ado_d041_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=2.81, S=0.696	0.109	0.0869
Exponential	1.55e+03*exp(0.0062*(x-157629))	0.57	0.485
Linear	slope=0.0562, intercept=-113	0.213	0.182

solar leasing
Connecticut
1.1
% third party owned systems ($150k-200k$)
%
Adoption over Time
sol_con_1.1Ado_d042_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=2.54, S=0.65	0.111	0.0856
Exponential	1.55e+03*exp(0.00584*(x-157619))	0.536	0.452
Linear	slope=0.0523, intercept=-105	0.211	0.183

solar leasing
Connecticut
1.1
% third party owned systems $(200k-250k)$
%
Adoption over Time
sol_con_1.1Ado_d043_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=2.42, S=0.526	0.138	0.101
Exponential	1.55e+03*exp(0.00415*(x-157566))	0.456	0.381
Linear	slope=0.0342, intercept=-68.6	0.215	0.186

solar leasing
Connecticut
1.1
% third party owned systems ($50k - 100k$)
%
Adoption over Time
sol_con_1.1Ado_d044_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=3.08, S=0.779	0.0851	0.0694
Exponential	1.55e+03*exp(0.00721*(x-157660))	0.628	0.54
Linear	slope=0.067, intercept=-134	0.2	0.168

solar leasing
Connecticut
1.1
% third party owned systems (<$50k)
%
Adoption over Time
sol_con_1.1Ado_d039_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=2.43, S=0.515	0.0745	0.0502
Exponential	1.56e+03*exp(0.00196*(x-157490))	0.485	0.465
Linear	slope=0.0108, intercept=-21.4	0.129	0.104

solar leasing
Connecticut
1.1
% third party owned systems (>$250k)
%
Adoption over Time
sol_con_1.1Ado_d040_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=2.26, S=0.537	0.106	0.0833
Exponential	1.55e+03*exp(0.00466*(x-157583))	0.458	0.388
Linear	slope=0.0396, intercept=-79.4	0.192	0.166

solar leasing
Massachusetts
1.1
% third party owned systems (100k − 150k)
%
Adoption over Time
sol_mas_1.1Ado_d041_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=5.39, S=0.578	0.111	0.081
Exponential	1.55e+03*exp(0.00457*(x-157577))	0.491	0.447
Linear	slope=0.0387, intercept=-77.6	0.144	0.0976

solar leasing
Massachusetts
1.1
% third party owned systems ($150k - 200k$)
%
Adoption over Time
sol_mas_1.1Ado_d042_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=4.68, S=0.515	0.11	0.0741
Exponential	1.55e+03*exp(0.00405*(x-157562))	0.448	0.406
Linear	slope=0.033, intercept=-66.2	0.144	0.104

solar leasing
Massachusetts
1.1
% third party owned systems ($200k-250k$)
%
Adoption over Time
sol_mas_1.1Ado_d043_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=3.93, S=0.391	0.112	0.0819
Exponential	0.74*exp(0.0538*(x-2032))	0.144	0.103
Linear	slope=0.0211, intercept=-42.3	0.14	0.104

Value

Year

solar leasing
Massachusetts
1.1
% third party owned systems ($50k-100k$)
%
Adoption over Time
sol_mas_1.1Ado_d044_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=5.03, S=0.631	0.107	0.0771
Exponential	1.55e+03*exp(0.00537*(x-157603))	0.521	0.468
Linear	slope=0.0472, intercept=-94.8	0.145	0.102

solar leasing
Massachusetts
1.1
% third party owned systems (<$50k)
%
Adoption over Time
sol_mas_1.1Ado_d039_m025
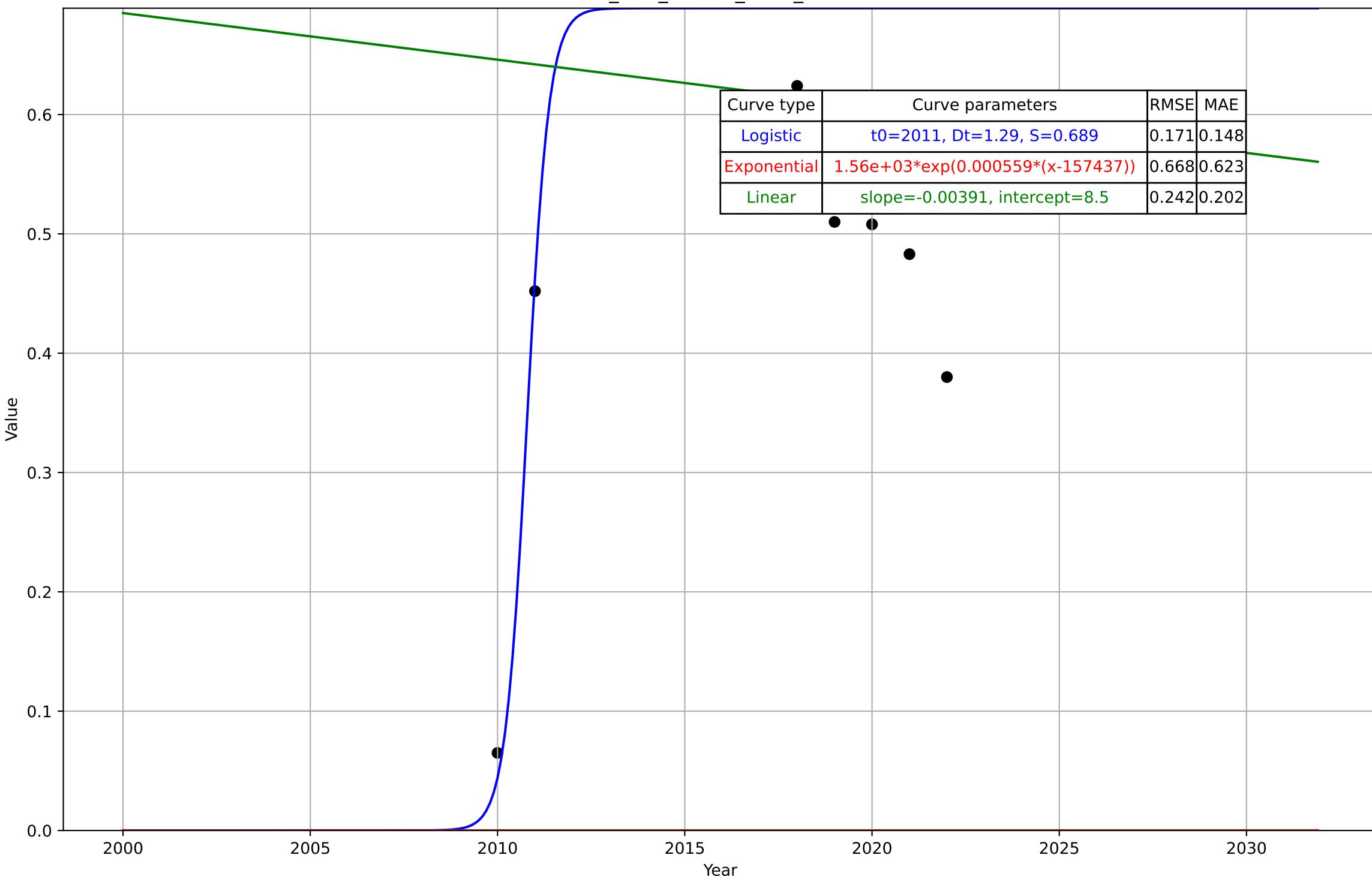
| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2013, Dt=5.54, S=0.731	0.113	0.0891
Exponential	1.55e+03*exp(0.00597*(x-157620))	0.59	0.532
Linear	slope=0.0538, intercept=-108	0.155	0.114

solar leasing
Massachusetts
1.1
% third party owned systems (>$250k)
%
Adoption over Time
sol_mas_1.1Ado_d040_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2012, Dt=3.92, S=0.373	0.116	0.0828
Exponential	1.55e+03*exp(0.00265*(x-157520))	0.345	0.307
Linear	slope=0.018, intercept=-35.9	0.143	0.101

solar leasing
New Jersey
1.1
% third party owned systems (100k − 150k)
%
Adoption over Time
sol_new_1.1Ado_d041_m025
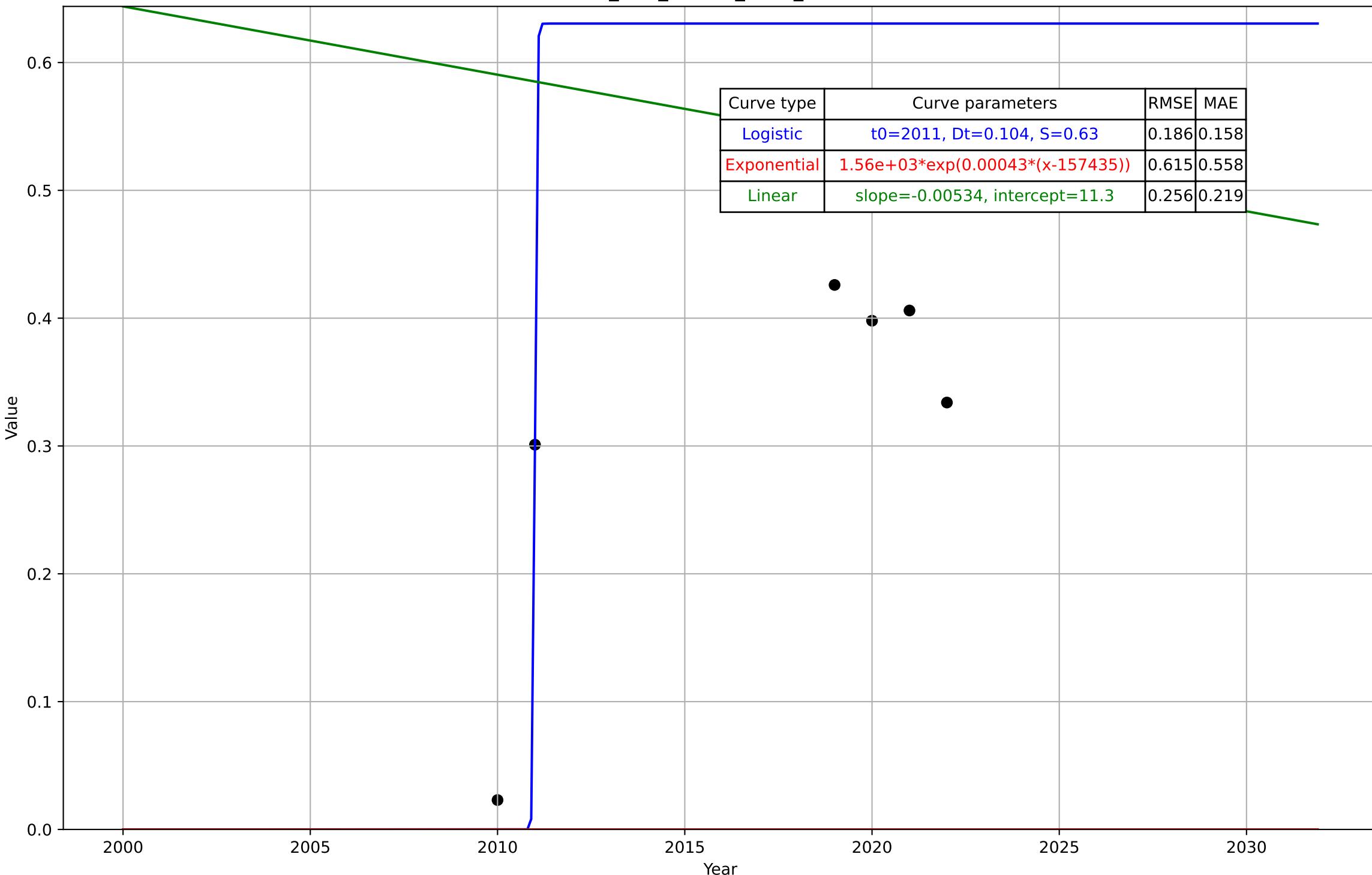
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=1.38, S=0.731	0.165	0.141
Exponential	1.56e+03*exp(0.000522*(x-157433))	0.708	0.666
Linear	slope=-0.00425, intercept=9.24	0.239	0.195

solar leasing
New Jersey
1.1
% third party owned systems (150k − 200k)
%
Adoption over Time
sol_new_1.1Ado_d042_m025
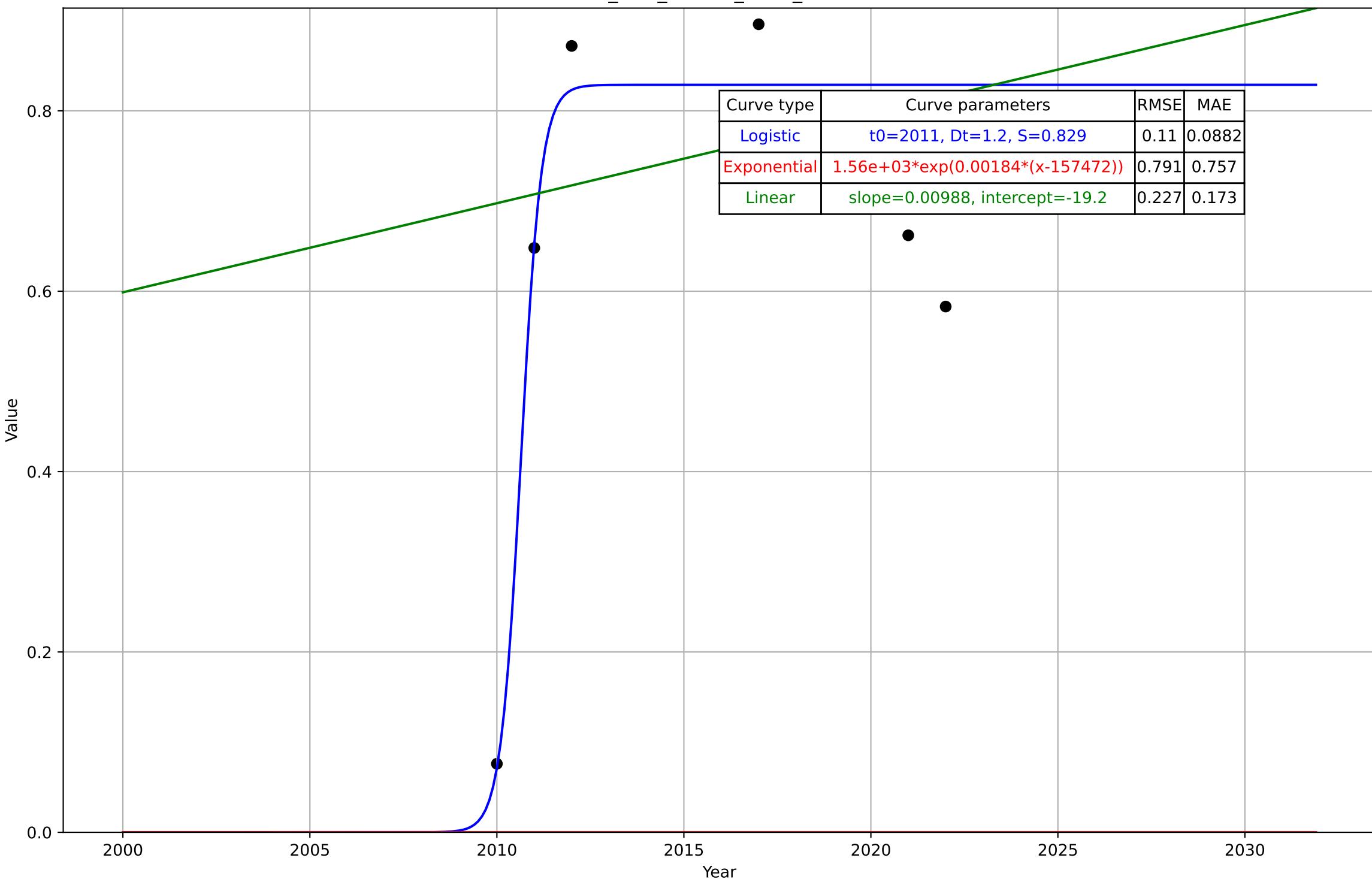
Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=1.29, S=0.689	0.171	0.148
Exponential	1.56e+03*exp(0.000559*(x-157437))	0.668	0.623
Linear	slope=-0.00391, intercept=8.5	0.242	0.202

solar leasing
New Jersey
1.1
% third party owned systems $(200k - 250k)$
%
Adoption over Time
sol_new_1.1Ado_d043_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=0.104, S=0.63	0.186	0.158
Exponential	1.56e+03*exp(0.00043*(x-157435))	0.615	0.558
Linear	slope=-0.00534, intercept=11.3	0.256	0.219

solar leasing
New Jersey
1.1
% third party owned systems ($50k - 100k$)
%
Adoption over Time
sol_new_1.1Ado_d044_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=1.2, S=0.786	0.137	0.115
Exponential	1.56e+03*exp(0.00132*(x-157457))	0.752	0.713
Linear	slope=0.0043, intercept=-7.95	0.239	0.191
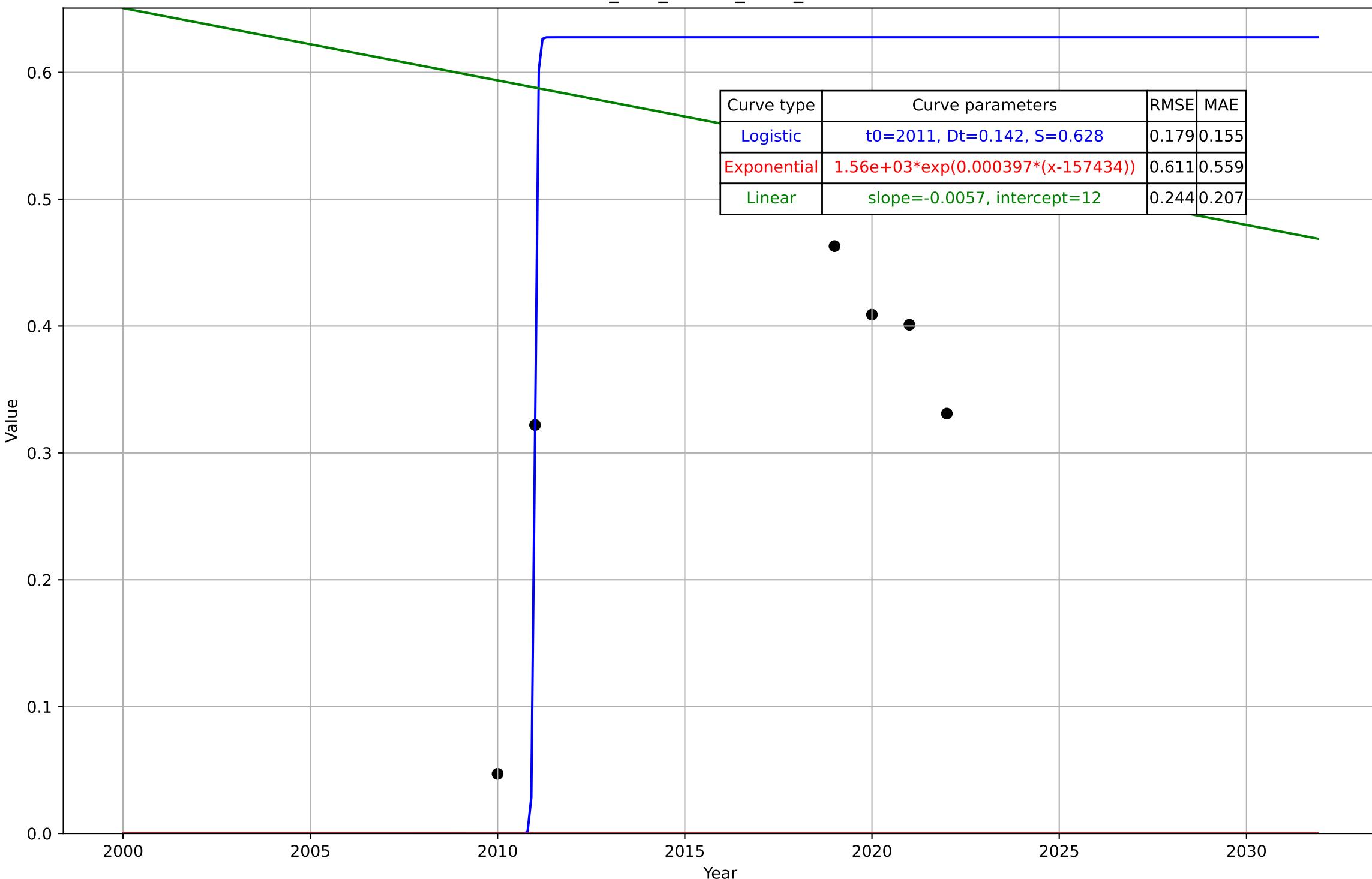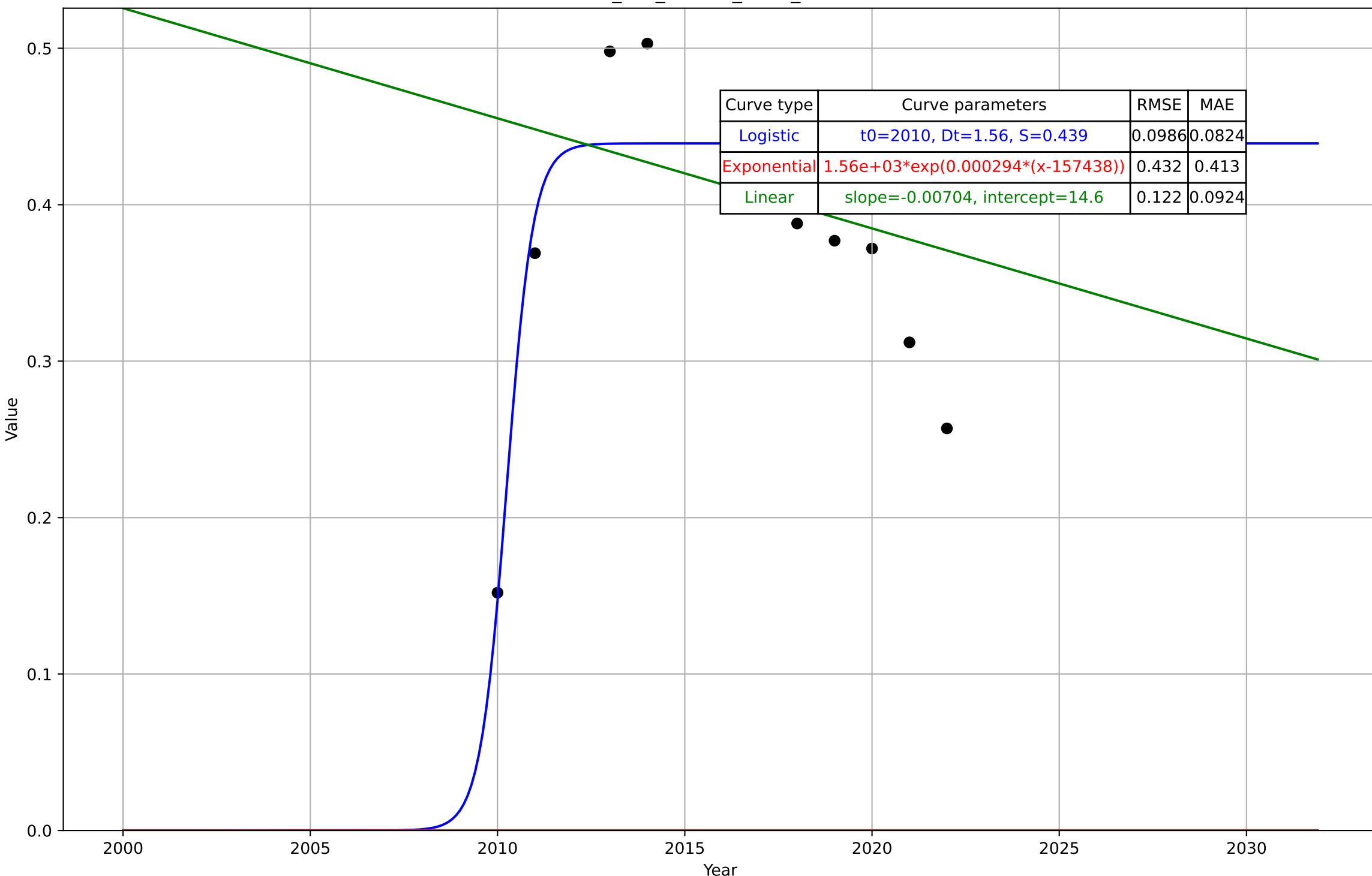
solar leasing
New Jersey
1.1
% third party owned systems (<$50k)
%
Adoption over Time
sol_new_1.1Ado_d039_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=1.2, S=0.829	0.11	0.0882
Exponential	1.56e+03*exp(0.00184*(x-157472))	0.791	0.757
Linear	slope=0.00988, intercept=-19.2	0.227	0.173

solar leasing
New Jersey
1.1
% third party owned systems (>$250k)
%
Adoption over Time
sol_new_1.1Ado_d040_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=0.142, S=0.628	0.179	0.155
Exponential	1.56e+03*exp(0.000397*(x-157434))	0.611	0.559
Linear	slope=-0.0057, intercept=12	0.244	0.207

solar leasing
USA
1.1
% third party owned systems (100k − 150k)
%
Adoption over Time
sol_usa_1.1Ado_d041_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=1.56, S=0.439	0.0986	0.0824
Exponential	1.56e+03*exp(0.000294*(x-157438))	0.432	0.413
Linear	slope=-0.00704, intercept=14.6	0.122	0.0924

solar leasing
USA
1.1
% third party owned systems ($150k - 200k$)
%
Adoption over Time
sol_usa_1.1Ado_d042_m025

| Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=1.07, S=0.405	0.1	0.0846
Exponential	3.81*exp(-0.0248*(x-1923))	0.111	0.0852
Linear	slope=-0.0114, intercept=23.4	0.11	0.0815

solar leasing
USA
1.1
% third party owned systems ($200k - 250k$)
%
Adoption over Time
sol_usa_1.1Ado_d043_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-9.47, S=0.405	0.0922	0.0667
Exponential	1.67*exp(-0.0397*(x-1975))	0.107	0.0838
Linear	slope=-0.0158, intercept=32.2	0.104	0.0779

solar leasing
USA
1.1
% third party owned systems (50k − 100k)
%
Adoption over Time
sol_usa_1.1Ado_d044_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2010, Dt=1.91, S=0.468	0.0858	0.0661
Exponential	1.56e+03*exp(0.000977*(x-157459))	0.451	0.434
Linear	slope=0.000286, intercept=-0.142	0.124	0.0947

solar leasing
USA
1.1
% third party owned systems (<$50k)
%
Adoption over Time
sol_usa_1.1Ado_d039_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2011, Dt=2.43, S=0.515	0.0745	0.0502
Exponential	1.56e+03*exp(0.00196*(x-157490))	0.485	0.465
Linear	slope=0.0108, intercept=-21.4	0.129	0.104

solar leasing
USA
1.1
% third party owned systems (>$250k)
%
Adoption over Time
sol_usa_1.1Ado_d040_m025

Curve type	Curve parameters	RMSE	MAE
Logistic	t0=2021, Dt=-10.3, S=0.4	0.0943	0.0675
Exponential	0.469*exp(-0.0448*(x-2007))	0.107	0.0828
Linear	slope=-0.017, intercept=34.6	0.104	0.0763