

cellphones

China

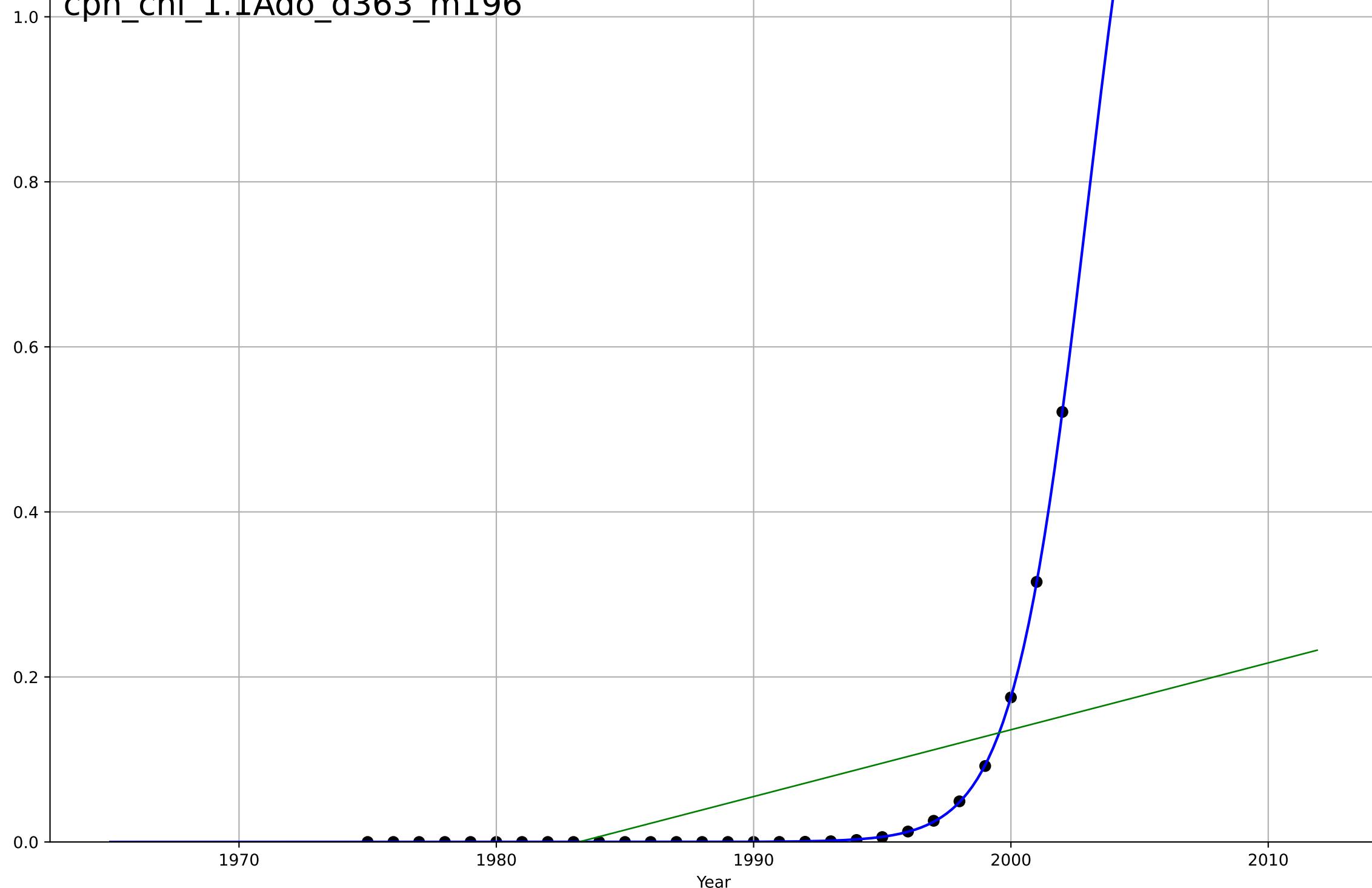
1.1 Adoption over Time

Cumulative Calculation

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1e9

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=6.36, K=1.53e+09$	0.691	1	1	4.63e+05	2.75e+05
Exponential	$nan \cdot exp(nan \cdot (x-nan))$	nan	nan	nan	nan	nan
Linear	intercept=-1.61e+10, slope=8.1e+06	8.1e+06	0.331	0.278	9.3e+07	6.33e+07

cph_chi_1.1Ado_d363_m196



cellphones

Denmark

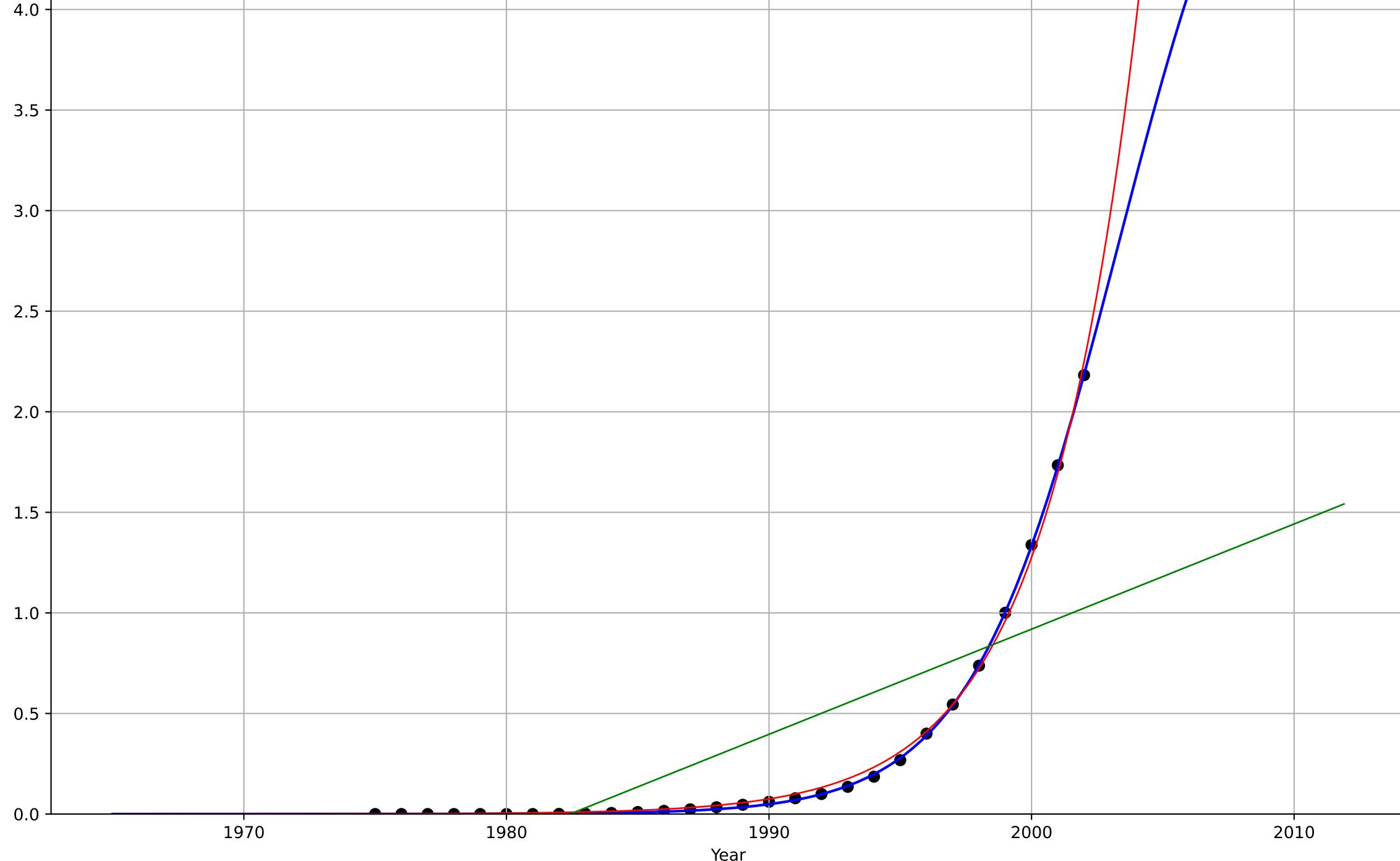
1.1 Adoption over Time

Cumulative Calculation

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1e7

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2003, D_t=12.3, K=5.64e+07$	0.357	1	1	6.03e+04	4.53e+04
Exponential	$6.19e-13 \cdot \exp(0.283 \cdot (x-1843))$	0.283	0.998	0.998	2.66e+05	1.86e+05
Linear	intercept=-1.04e+09, slope=5.23e+05	5.23e+05	0.563	0.528	3.72e+06	2.94e+06

cph_den_1.1Ado_d363_m196



cellphones

Finland

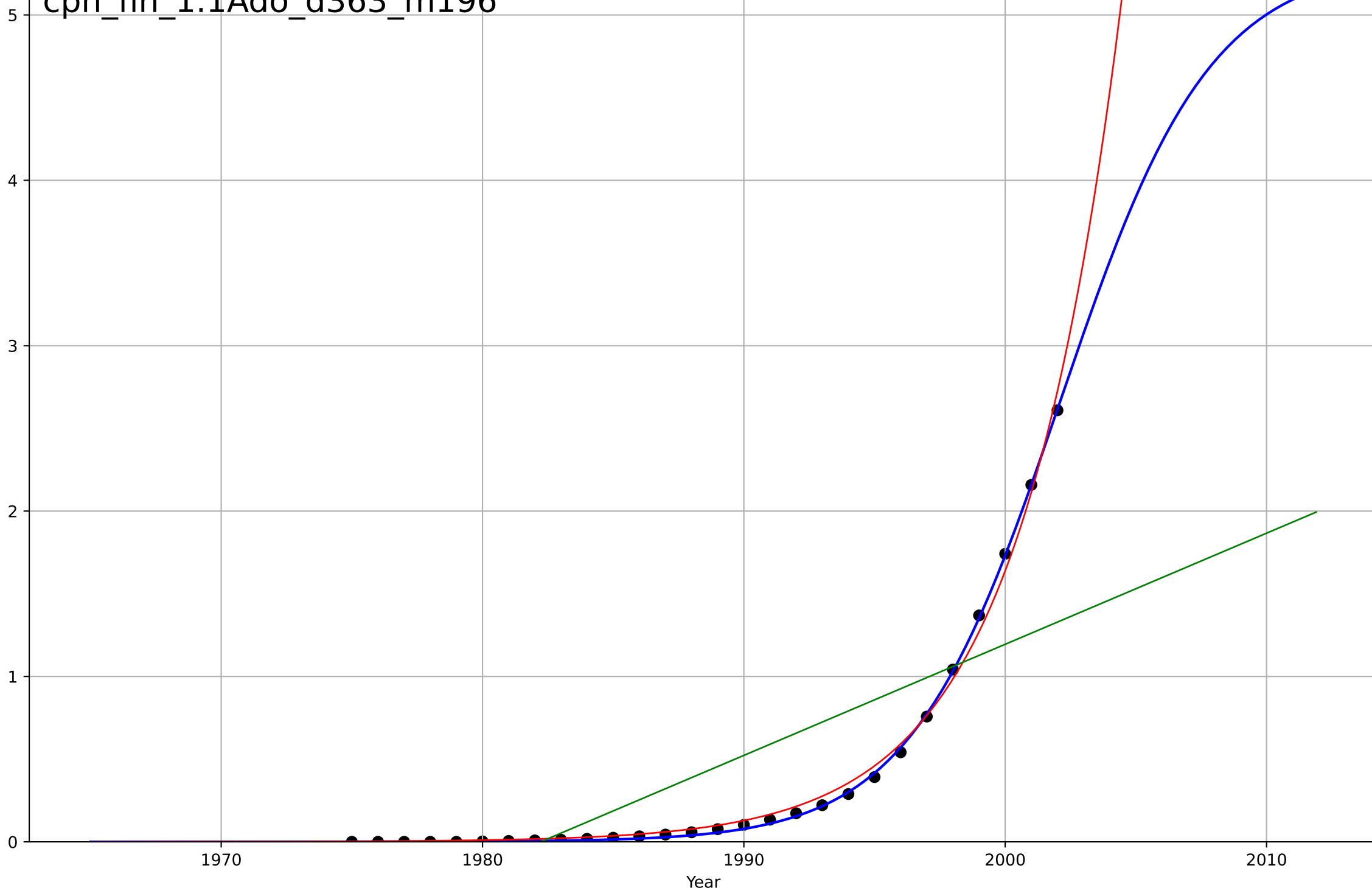
1.1 Adoption over Time

Cumulative Calculation

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1e7

cph_fin_1.1Ado_d363_m196

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2002, D_t=12.6, K=5.32e+07$	0.348	1	1	1.38e+05	1.07e+05
Exponential	$4.1e-12 \cdot \exp(0.255 \cdot (x-1832))$	0.255	0.996	0.995	4.59e+05	3.27e+05
Linear	intercept=-1.33e+09, slope=6.72e+05	6.72e+05	0.602	0.57	4.41e+06	3.56e+06

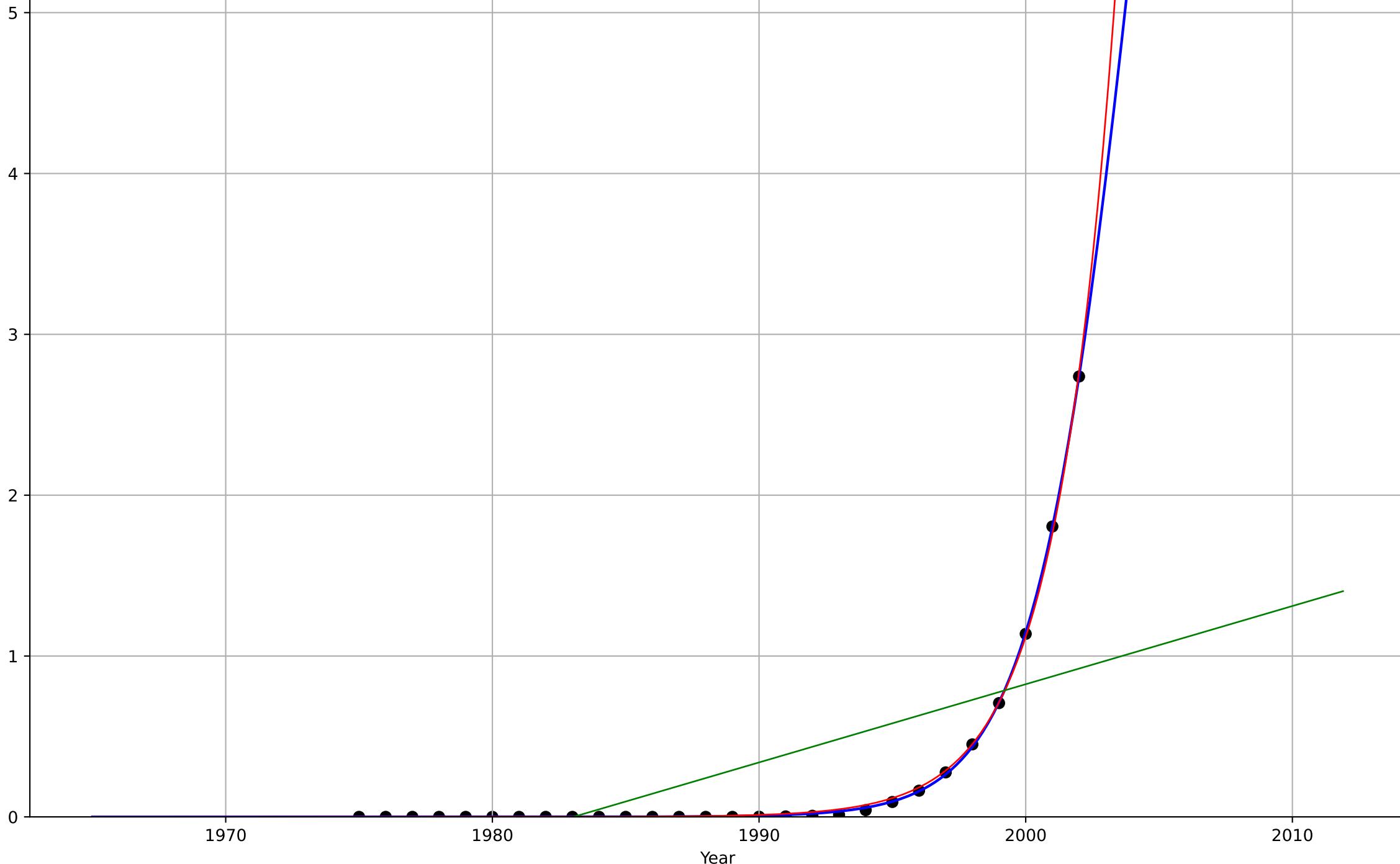


cellphones
 Sri Lanka
 1.1 Adoption over Time
 Cumulative Calculation

-
 1e6

cph_lka_1.1Ado_d363_m196

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2004, D_t=8.53, K=1.19e+07$	0.515	1	1	7.4e+03	4.55e+03
Exponential	$3.63e-16 \cdot \exp(0.452 \cdot (x-1891))$	0.452	0.999	0.999	1.65e+04	1.05e+04
Linear	intercept=-9.64e+07, slope=4.86e+04	4.86e+04	0.396	0.348	4.85e+05	3.45e+05



cellphones

South Korea

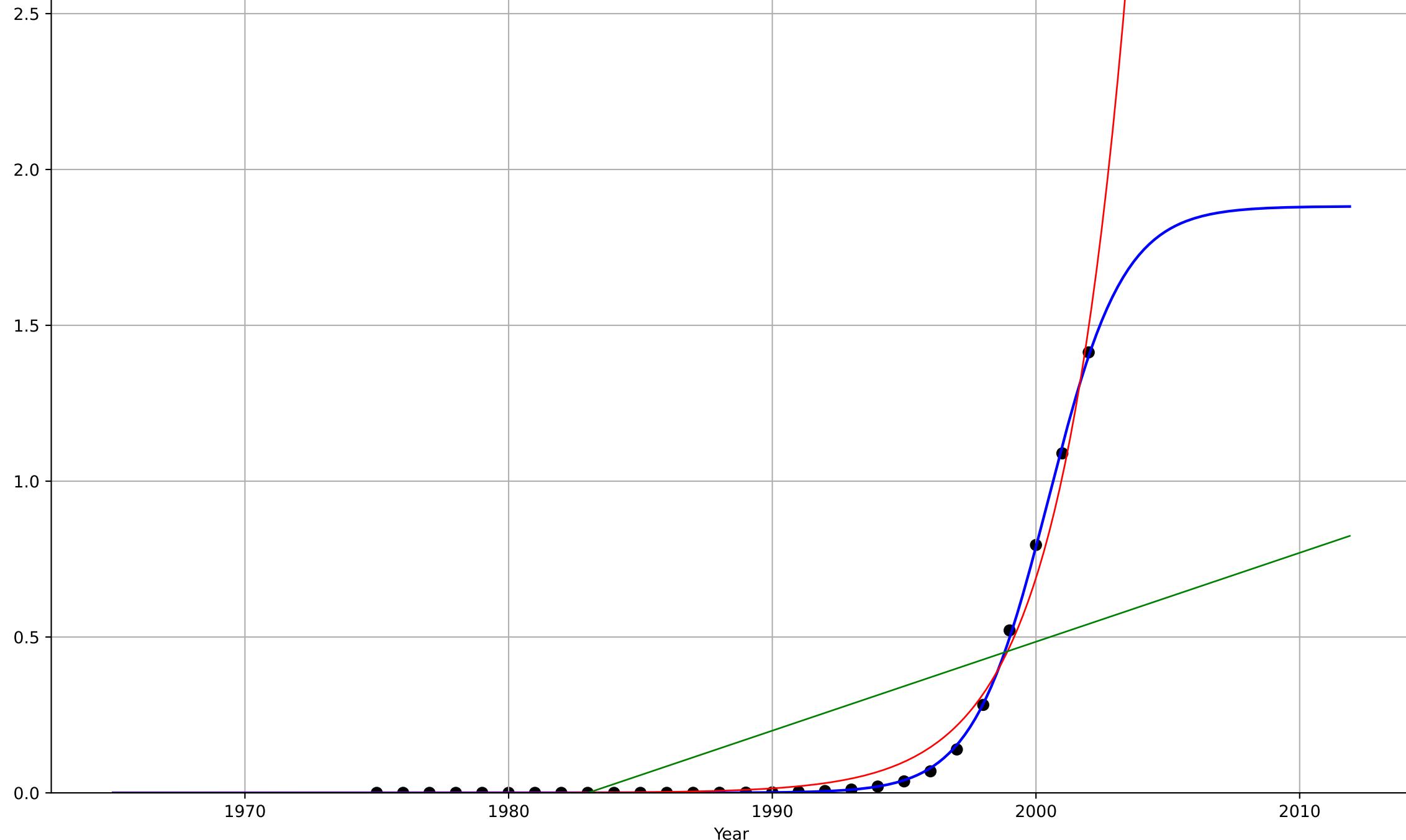
1.1 Adoption over Time

Cumulative Calculation

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1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2000, D_t=6.3, K=1.88e+08$	0.698	1	0.999	7.82e+05	3.61e+05
Exponential	$2.63e-17 \cdot \exp(0.387 \cdot (x-1855))$	0.387	0.986	0.985	4.14e+06	2.62e+06
Linear	intercept=-5.66e+09, slope=2.85e+06	2.85e+06	0.424	0.378	2.68e+07	2.04e+07

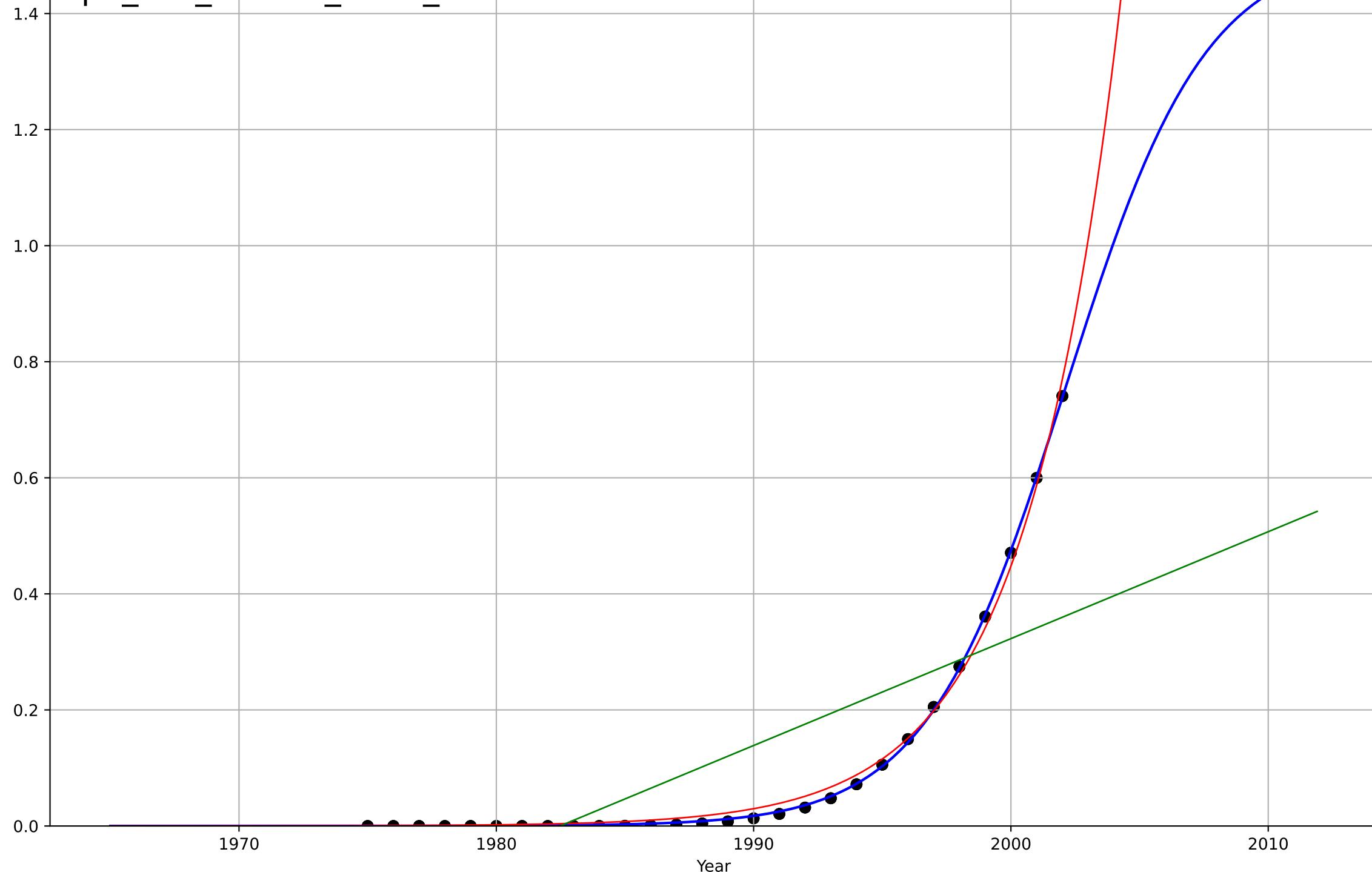
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cellphones
 United States
 1.1 Adoption over Time
 Cumulative Calculation
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 1e9

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2002, D_t=12, K=1.51e+09$	0.367	1	1	2.94e+06	2.41e+06
Exponential	$1.08e-34 \cdot \exp(0.271 \cdot (x-1638))$	0.271	0.996	0.996	1.28e+07	1.01e+07
Linear	intercept=-3.65e+10, slope=1.84e+07	1.84e+07	0.576	0.566	1.28e+08	1.02e+08

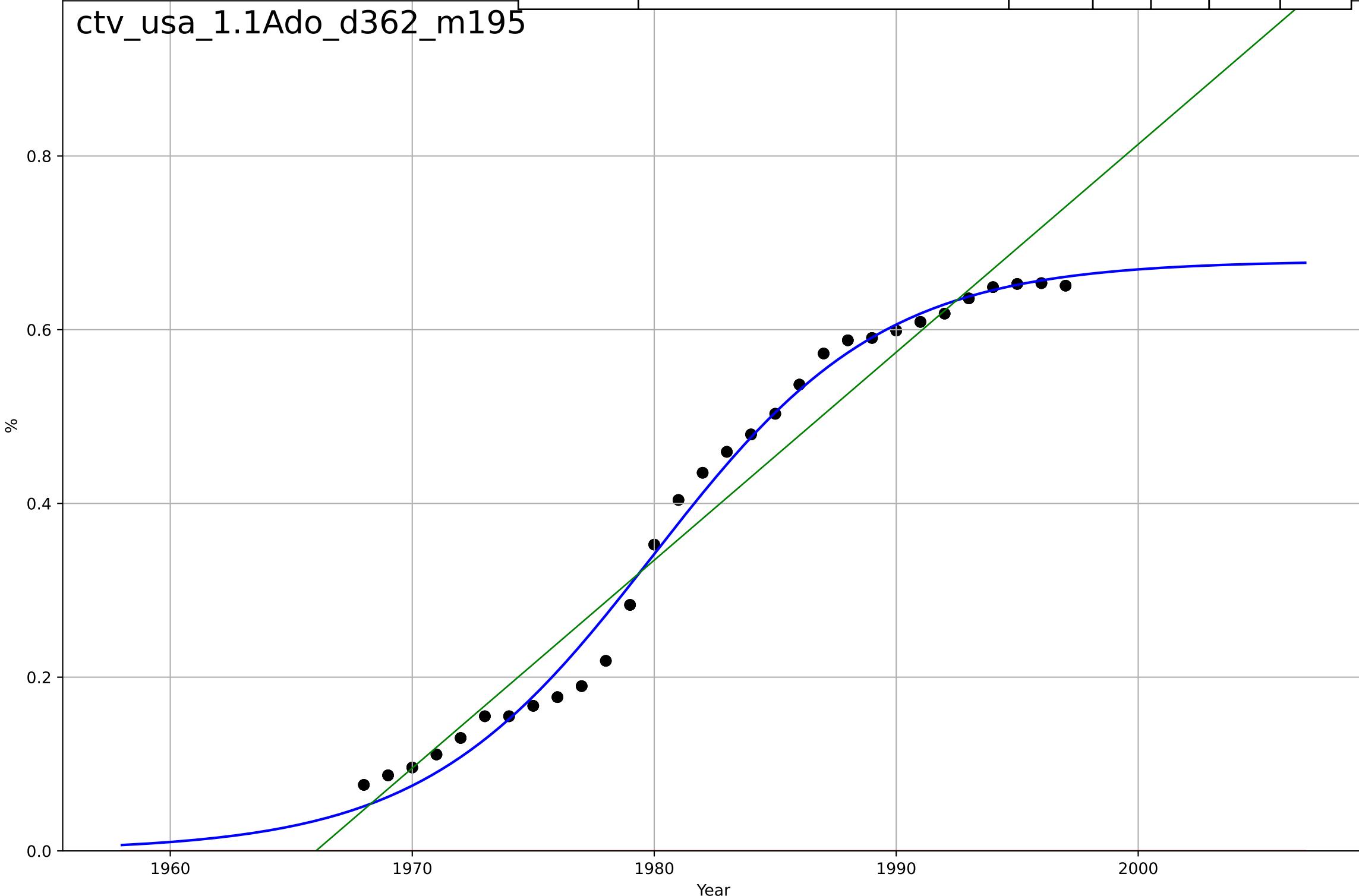
cph_usa_1.1Ado_d363_m196



cable tv
United States
1.1 Adoption over Time
Share of Households
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1980, Dt=21, K=0.679	0.21	0.991	0.99	0.0204	0.0158
Exponential	1.55e+03*exp(0.00328*(x-157446))	0.00328	-3.46	-3.56	0.448	0.395
Linear	intercept=-47.1, slope=0.0239	0.0239	0.954	0.953	0.0453	0.0386

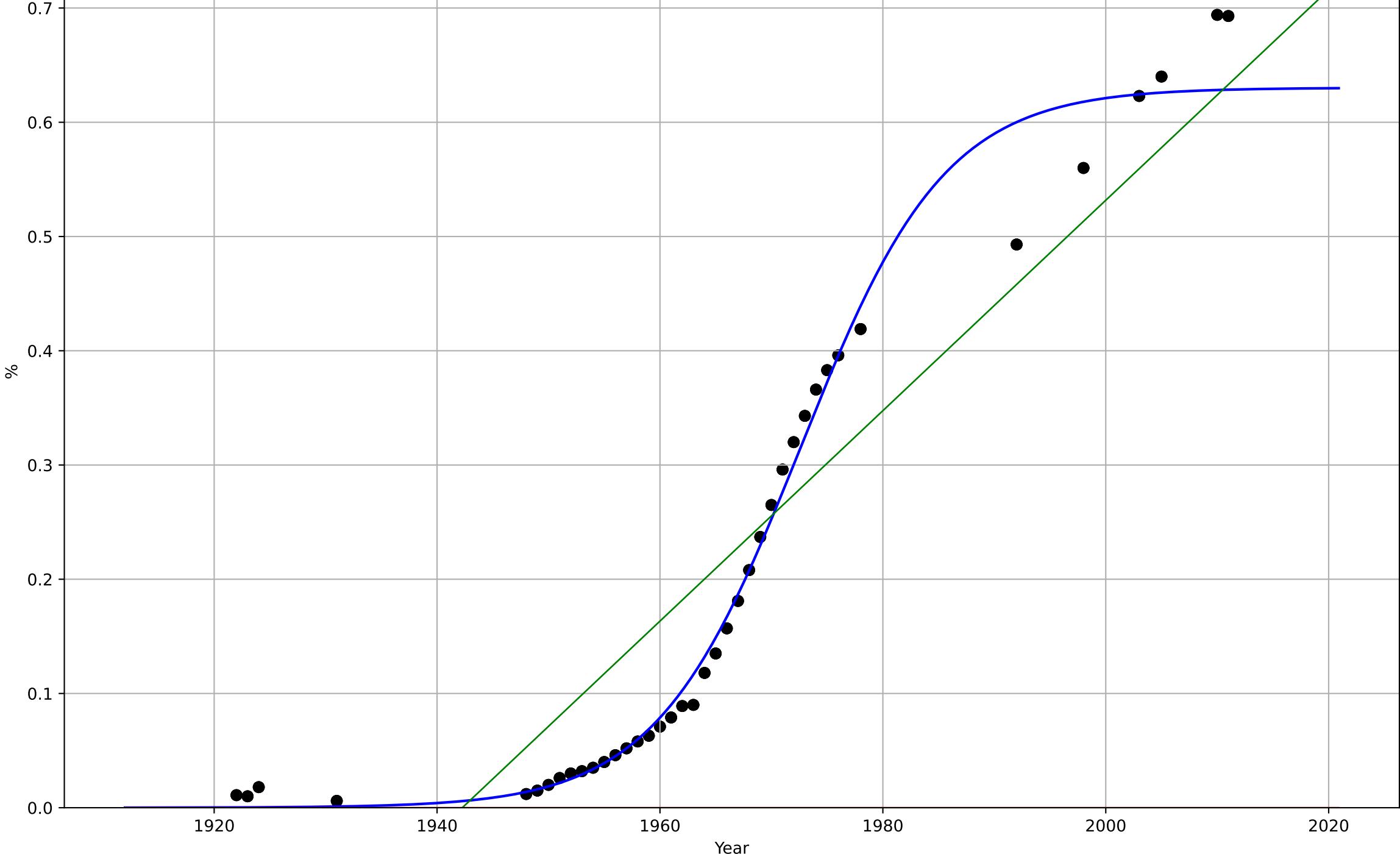
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dishwashers
United States
1.1 Adoption over Time
Share of Households
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1973, Dt=28.5, K=0.63	0.154	0.985	0.984	0.0264	0.0152
Exponential	1.55e+03*exp(0.00189*(x-157418))	0.00189	-0.96	-0.993	0.298	0.208
Linear	intercept=-17.9, slope=0.00921	0.00921	0.84	0.838	0.0849	0.0748

dsh_usa_1.1Ado_d362_m195



electric bicycles

China

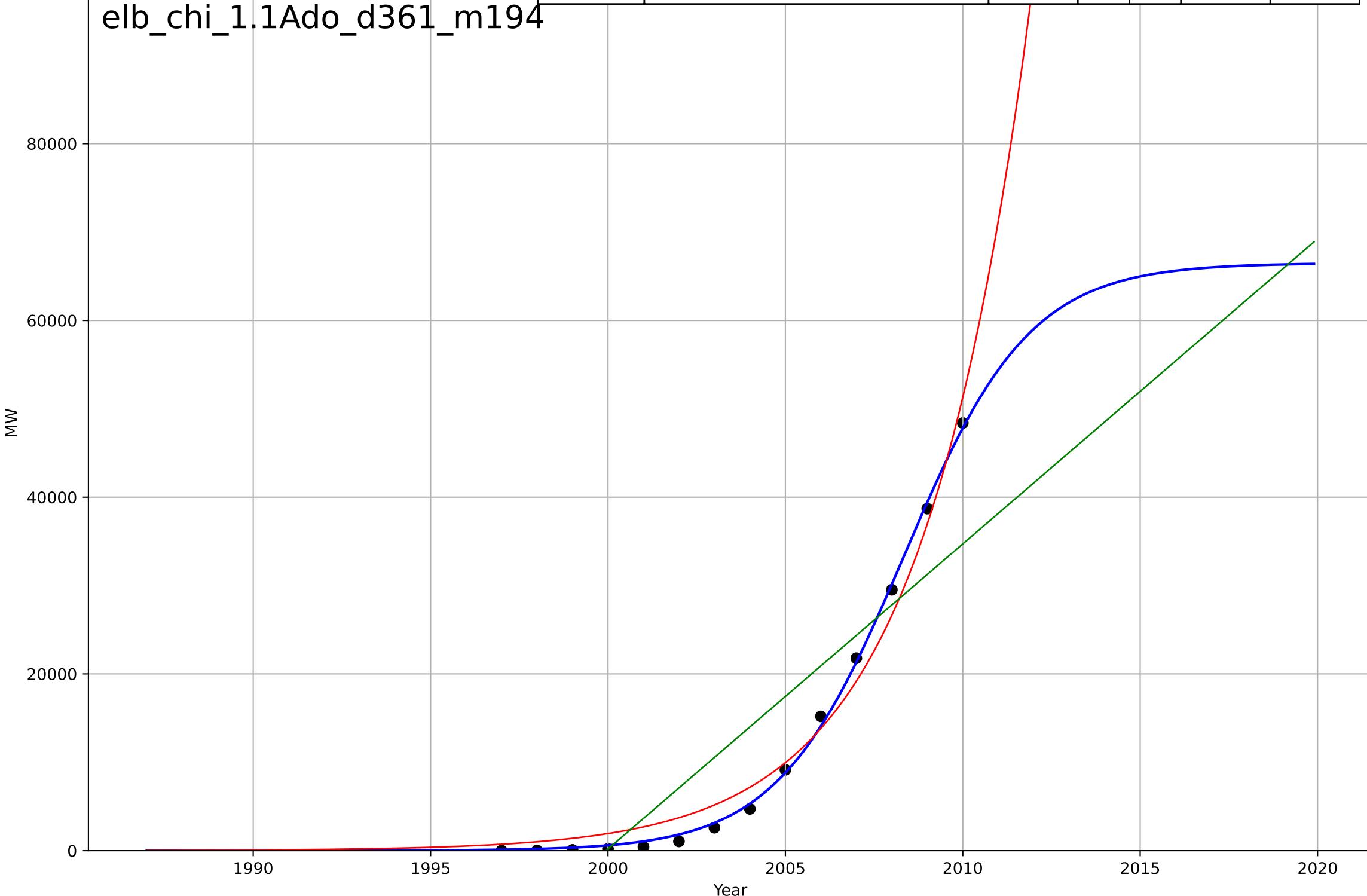
1.1 Adoption over Time

Cumulative Total Capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=7.79, K=6.65e+04	0.564	0.999	0.998	580	521
Exponential	4.66e-11*exp(0.328*(x-1904))	0.328	0.982	0.979	2.07e+03	1.93e+03
Linear	intercept=-6.9e+06, slope=3.45e+03	3.45e+03	0.792	0.755	7.12e+03	6.16e+03

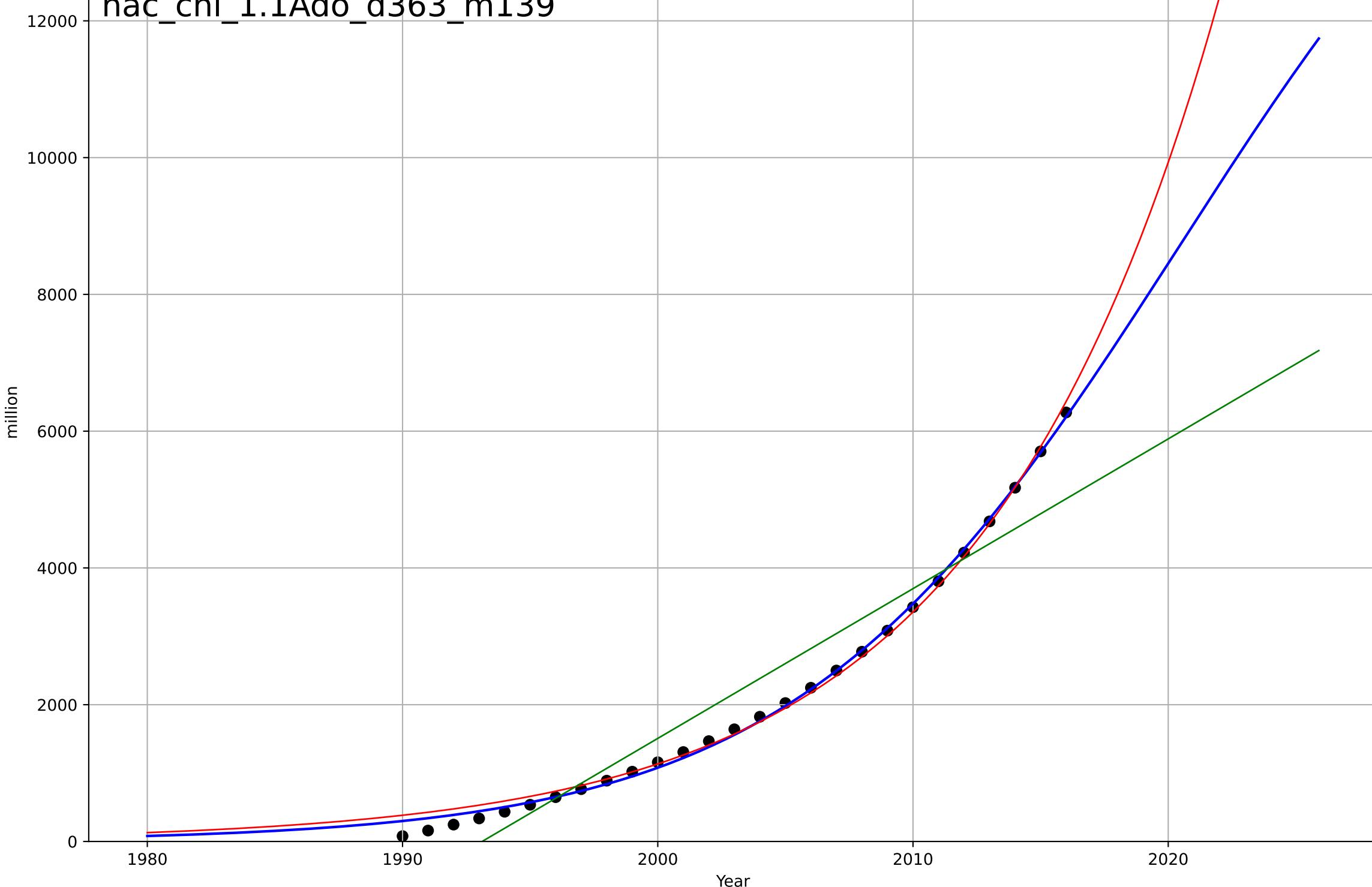
elb_chi_1.1Ado_d361_m194



home air conditioning
China
1.1 Adoption over Time
Cumulative Calculation
million

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=33.1, K=1.74e+04$	0.133	0.998	0.998	81.1	63.8
Exponential	$0.00069 \cdot \exp(0.109 \cdot (x-1868))$	0.109	0.995	0.995	121	94.2
Linear	intercept=-4.36e+05, slope=219	219	0.918	0.912	508	431

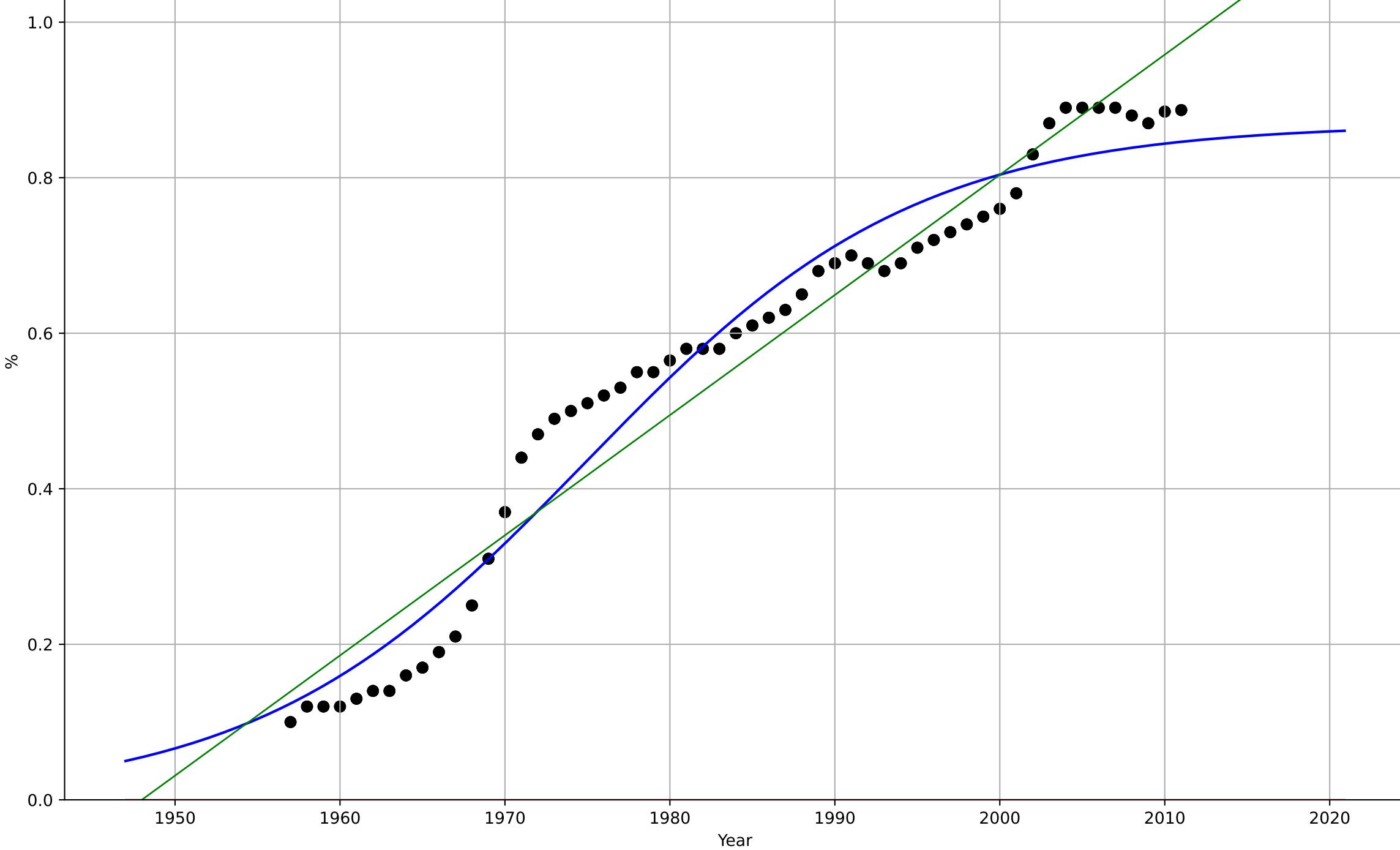
hac_chi_1.1Ado_d363_m139



home air conditioning
 United States
 1.1 Adoption over Time
 Share of Households
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1975, D_t=43.8, K=0.869$	0.1	0.961	0.96	0.05	0.045
Exponential	$1.55e+03 \cdot \exp(0.00244 \cdot (x-157431))$	0.00244	-4.86	-4.94	0.611	0.556
Linear	intercept=-30.1, slope=0.0155	0.0155	0.945	0.944	0.0592	0.0518

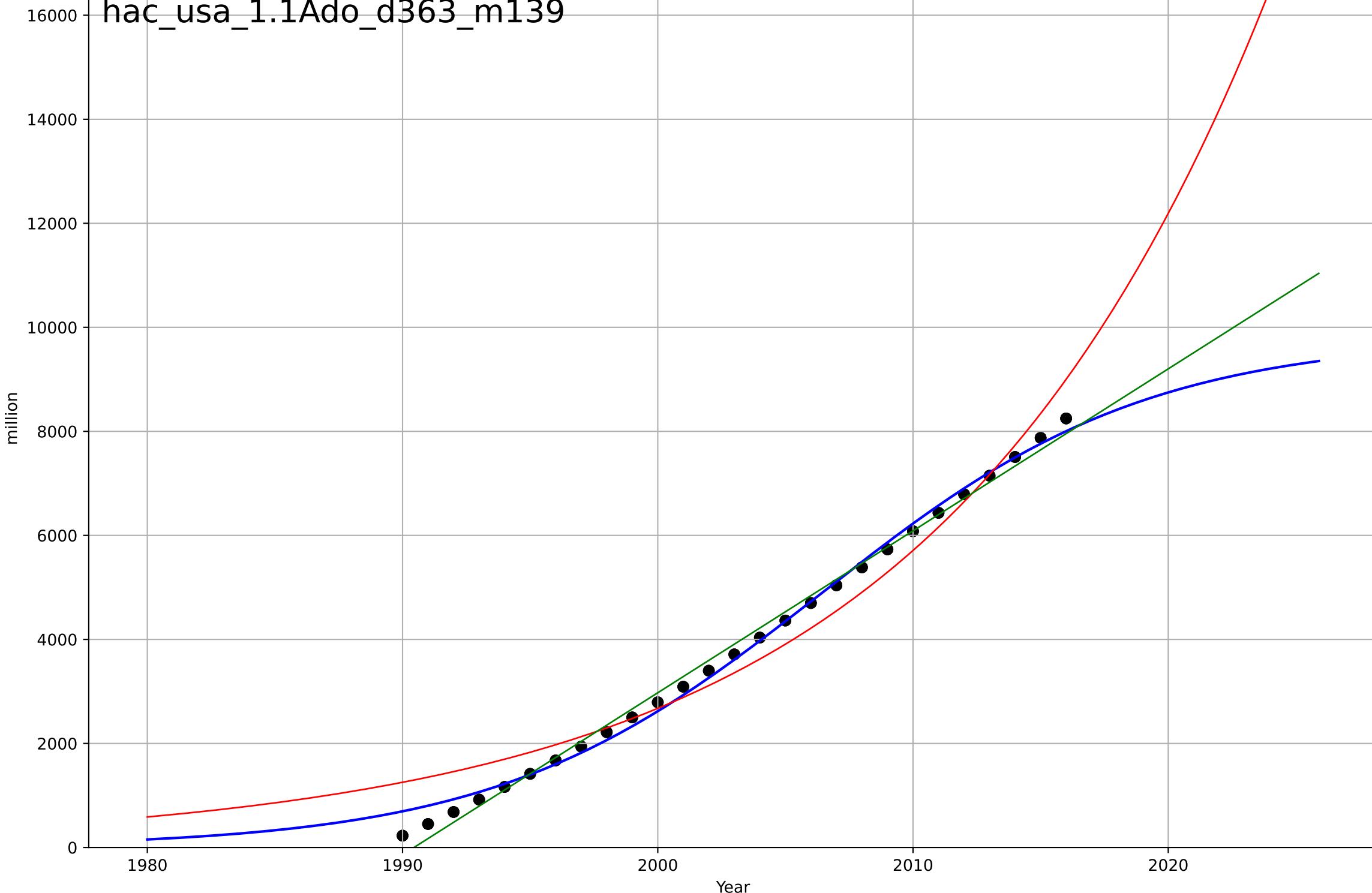
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home air conditioning
 United States
 1.1 Adoption over Time
 Cumulative Calculation
 million

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2006, D_t=28.1, K=9.8e+03$	0.156	0.995	0.995	167	134
Exponential	$0.0153 \cdot \exp(0.0758 \cdot (x-1841))$	0.0758	0.962	0.961	475	403
Linear	intercept=-6.2e+05, slope=311	311	0.995	0.995	169	146

hac_usa_1.1Ado_d363_m139



household internet access

China

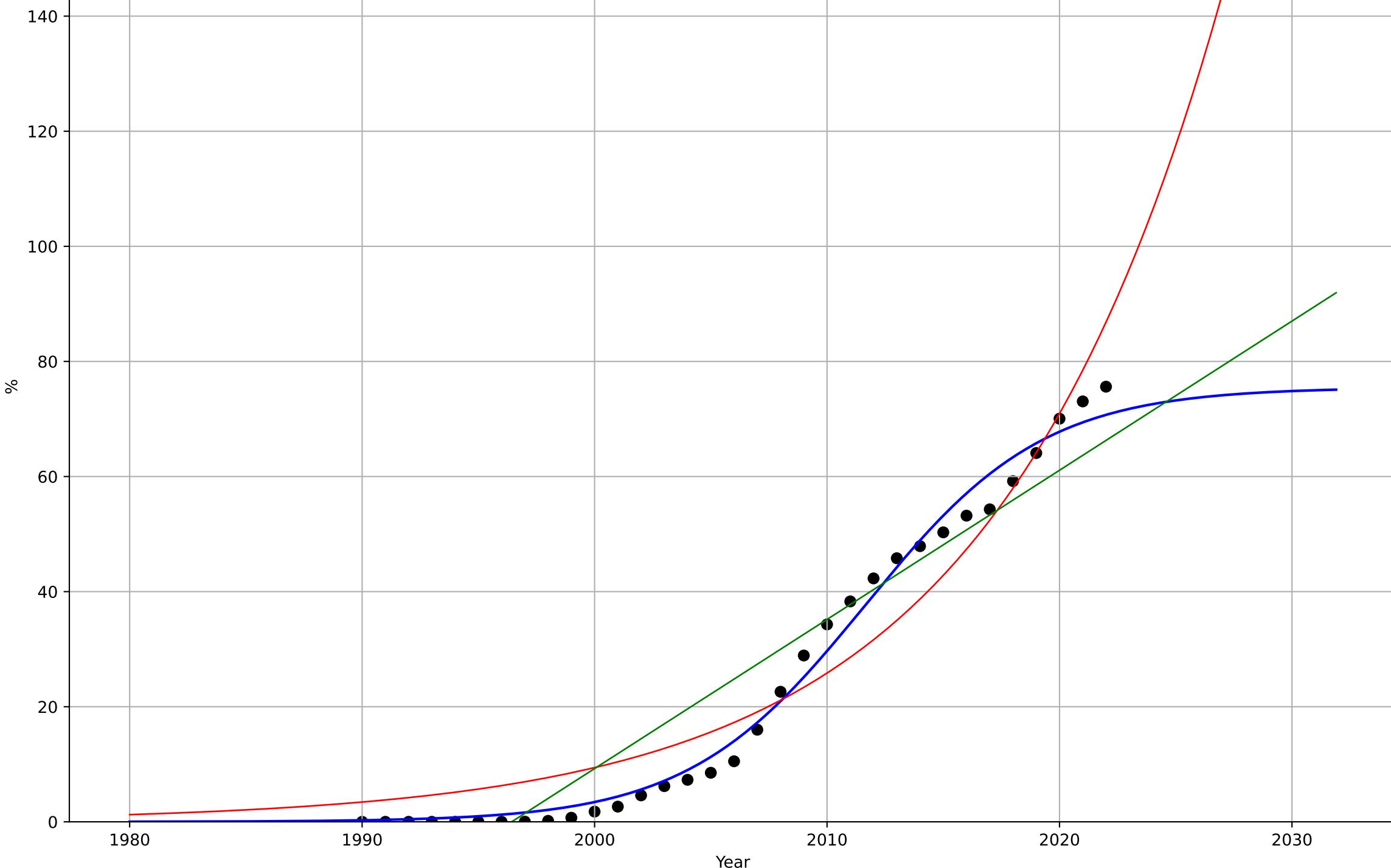
1.1 Adoption over Time

Share of Households

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2012, Dt=16.8, K=75.5	0.261	0.989	0.988	2.66	2.23
Exponential	0.83*exp(0.101*(x-1976))	0.101	0.935	0.93	6.64	6
Linear	intercept=-5.17e+03, slope=2.59	2.59	0.901	0.894	8.2	6.8

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household internet access

Denmark

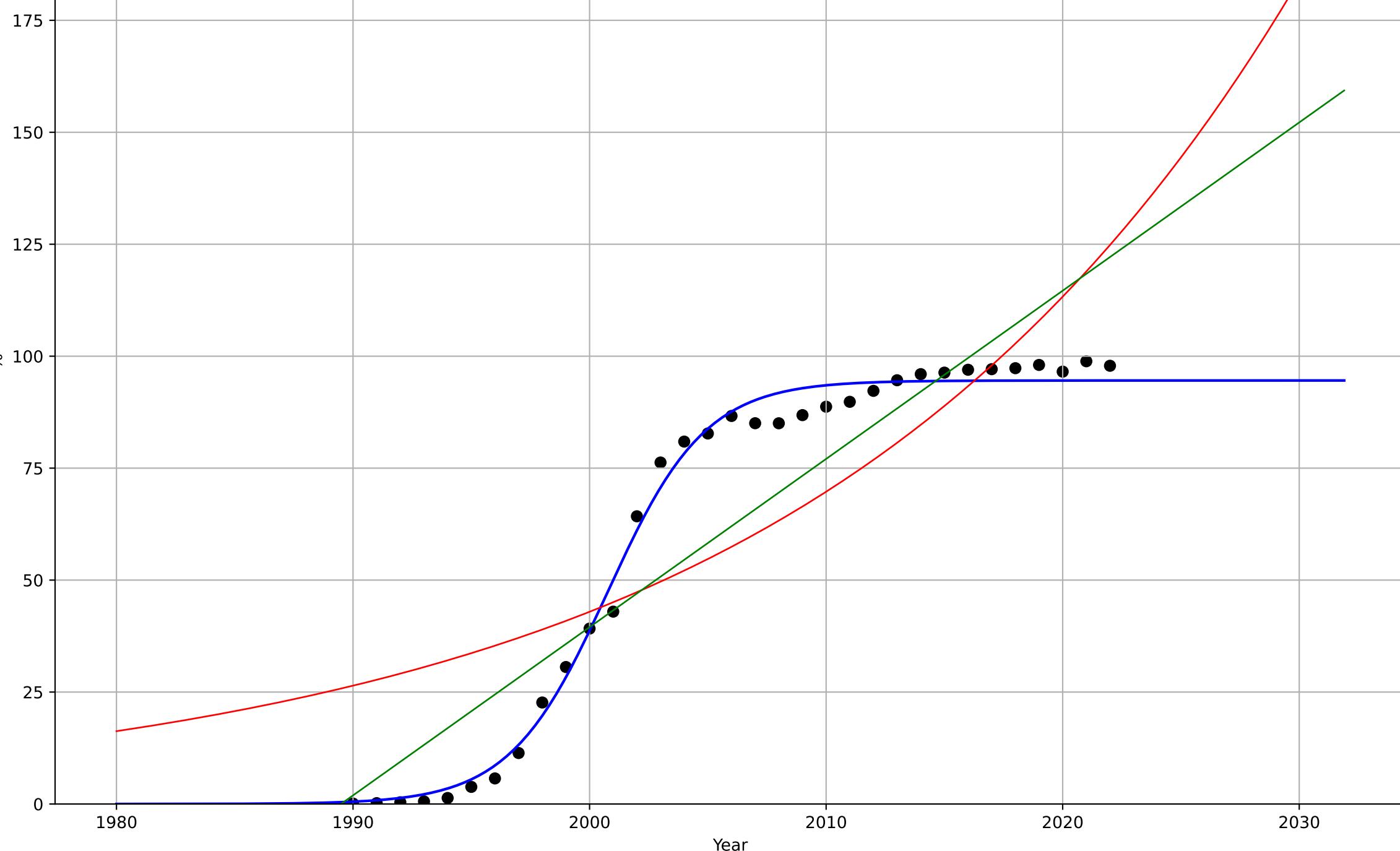
1.1 Adoption over Time

Share of Households

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2001, Dt=9.08, K=94.6	0.484	0.993	0.992	3.31	2.78
Exponential	0.703*exp(0.0485*(x-1915))	0.0485	0.702	0.682	21.1	18.9
Linear	intercept=-7.47e+03, slope=3.76	3.76	0.856	0.846	14.7	12.5

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household internet access

Finland

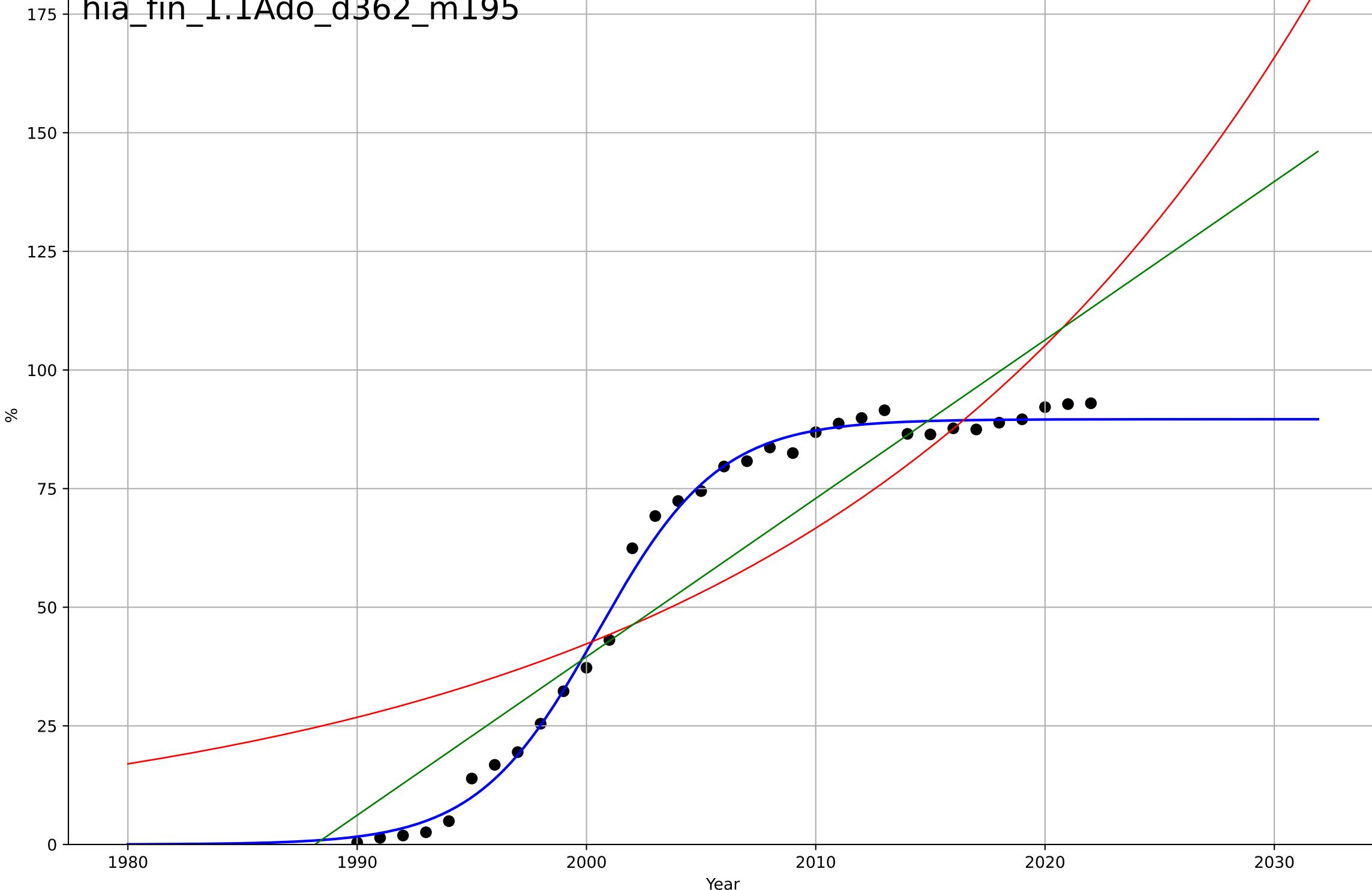
1.1 Adoption over Time

Share of Households

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2000, Dt=11.6, K=89.6	0.379	0.994	0.994	2.57	2.1
Exponential	0.803*exp(0.0456*(x-1913))	0.0456	0.714	0.695	18.3	16.4
Linear	intercept=-6.64e+03, slope=3.34	3.34	0.862	0.853	12.7	11.4

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household internet access

Sri Lanka

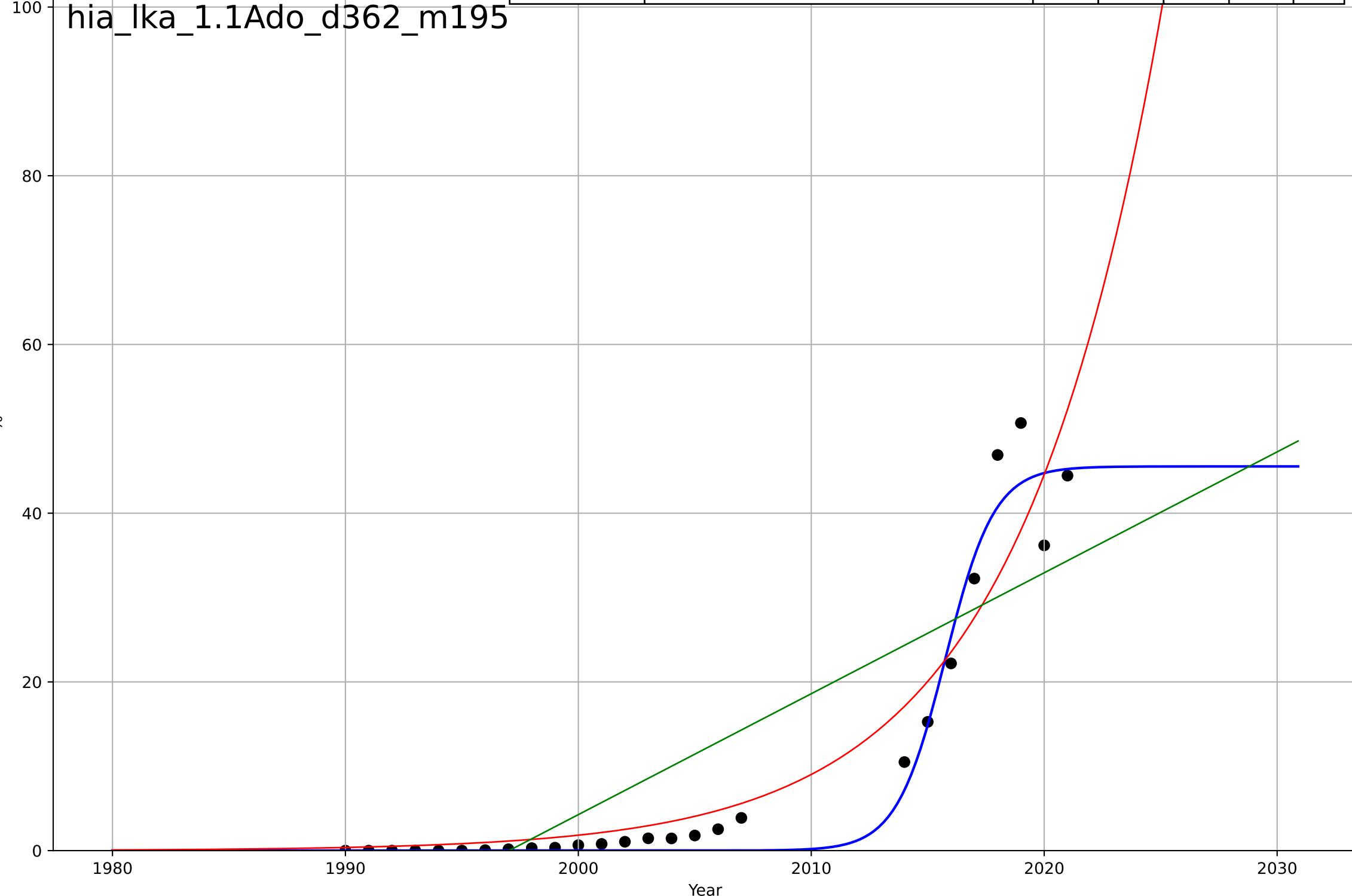
1.1 Adoption over Time

Share of Households

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2016, Dt=4.61, K=45.5	0.953	0.969	0.964	2.92	1.79
Exponential	4.52*exp(0.16*(x-2006))	0.16	0.912	0.904	4.9	3.16
Linear	intercept=-2.86e+03, slope=1.43	1.43	0.731	0.708	8.57	7.2

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household internet access

South Korea

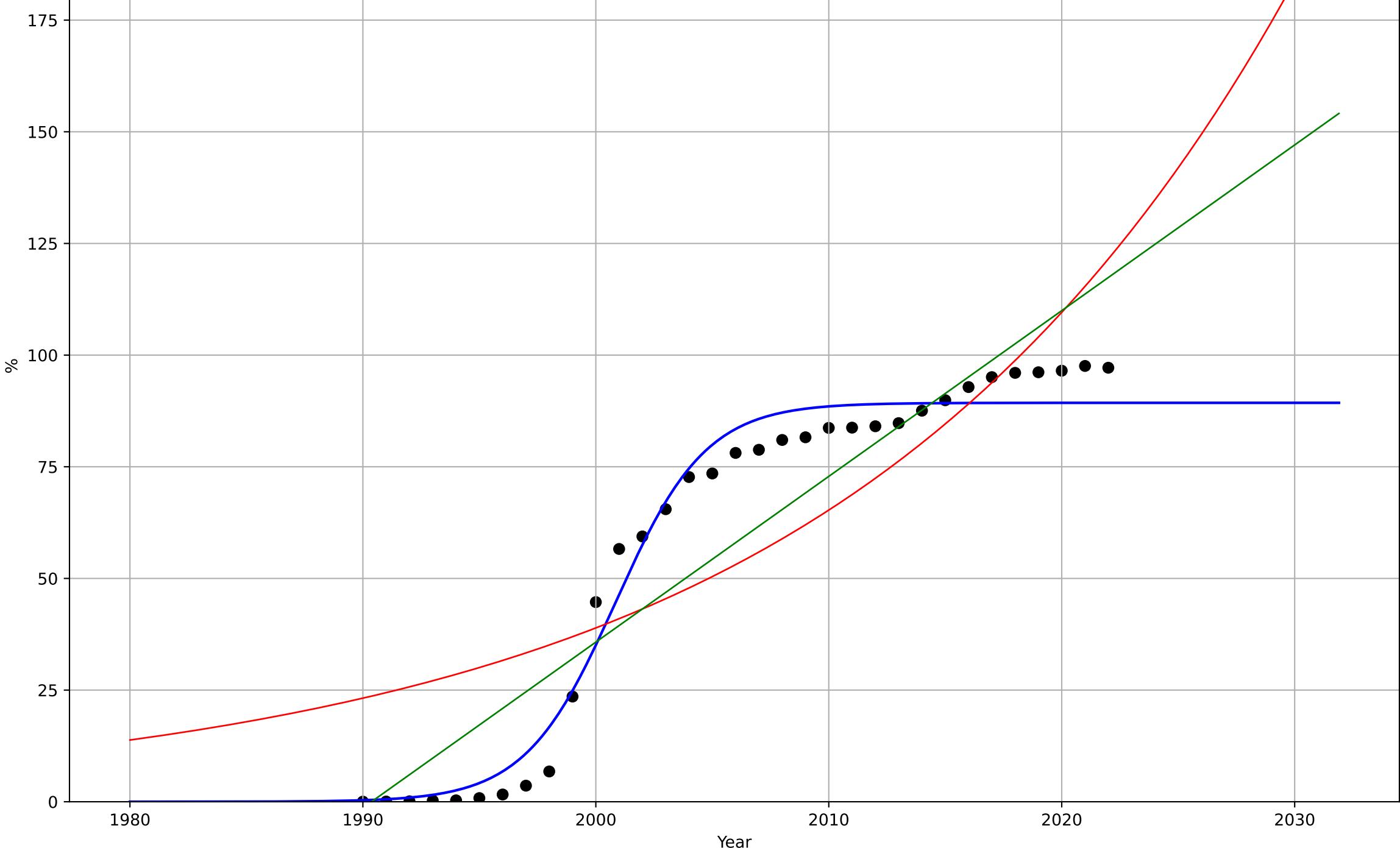
1.1 Adoption over Time

Share of Households

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2001, Dt=8.52, K=89.3	0.516	0.978	0.976	5.55	4.74
Exponential	0.283*exp(0.0518*(x-1905))	0.0518	0.724	0.705	19.9	17.9
Linear	intercept=-7.39e+03, slope=3.71	3.71	0.872	0.863	13.5	11.6

hia_sou_1.1Ado_d362_m195



household internet access

United States

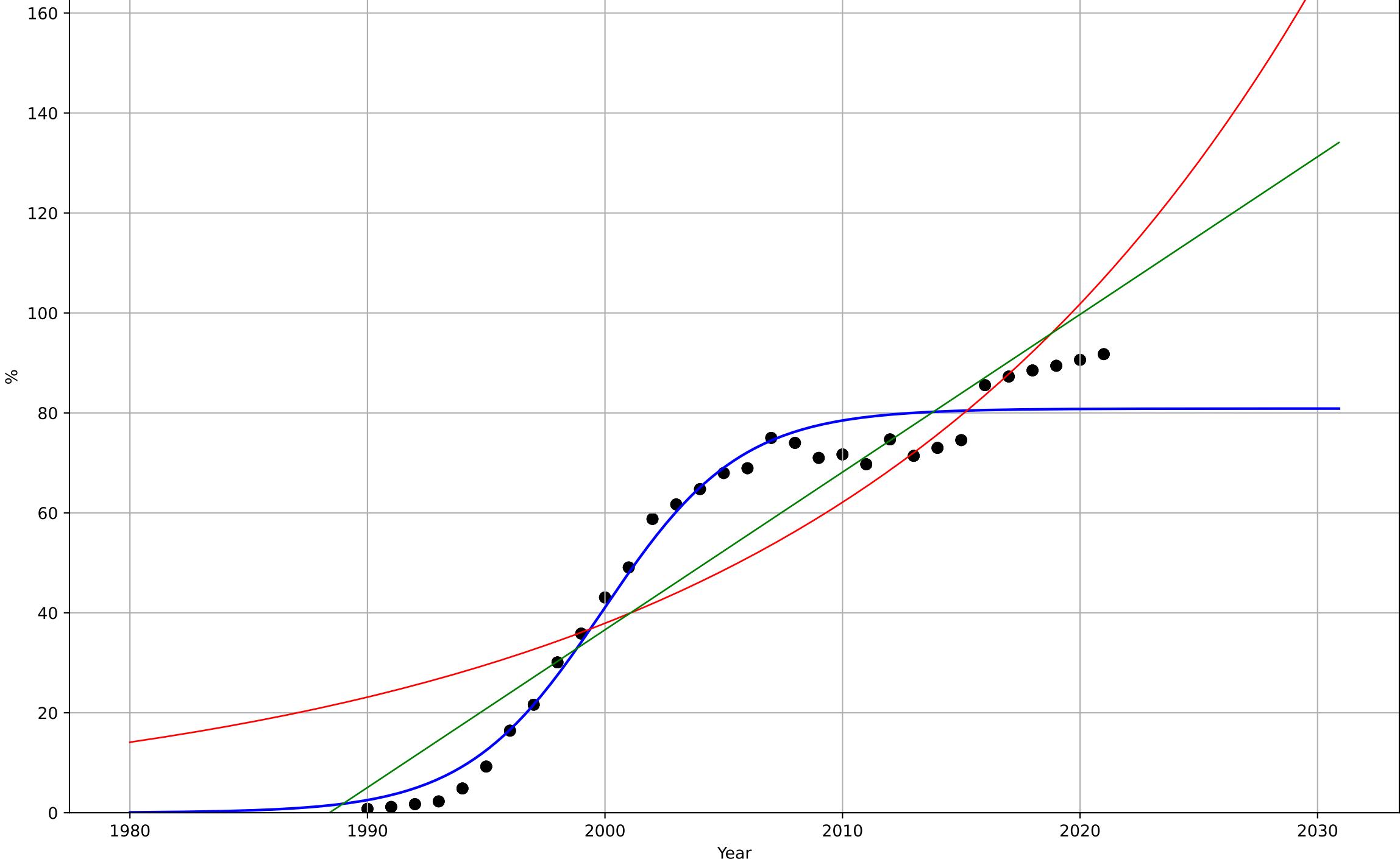
1.1 Adoption over Time

Share of Households

%

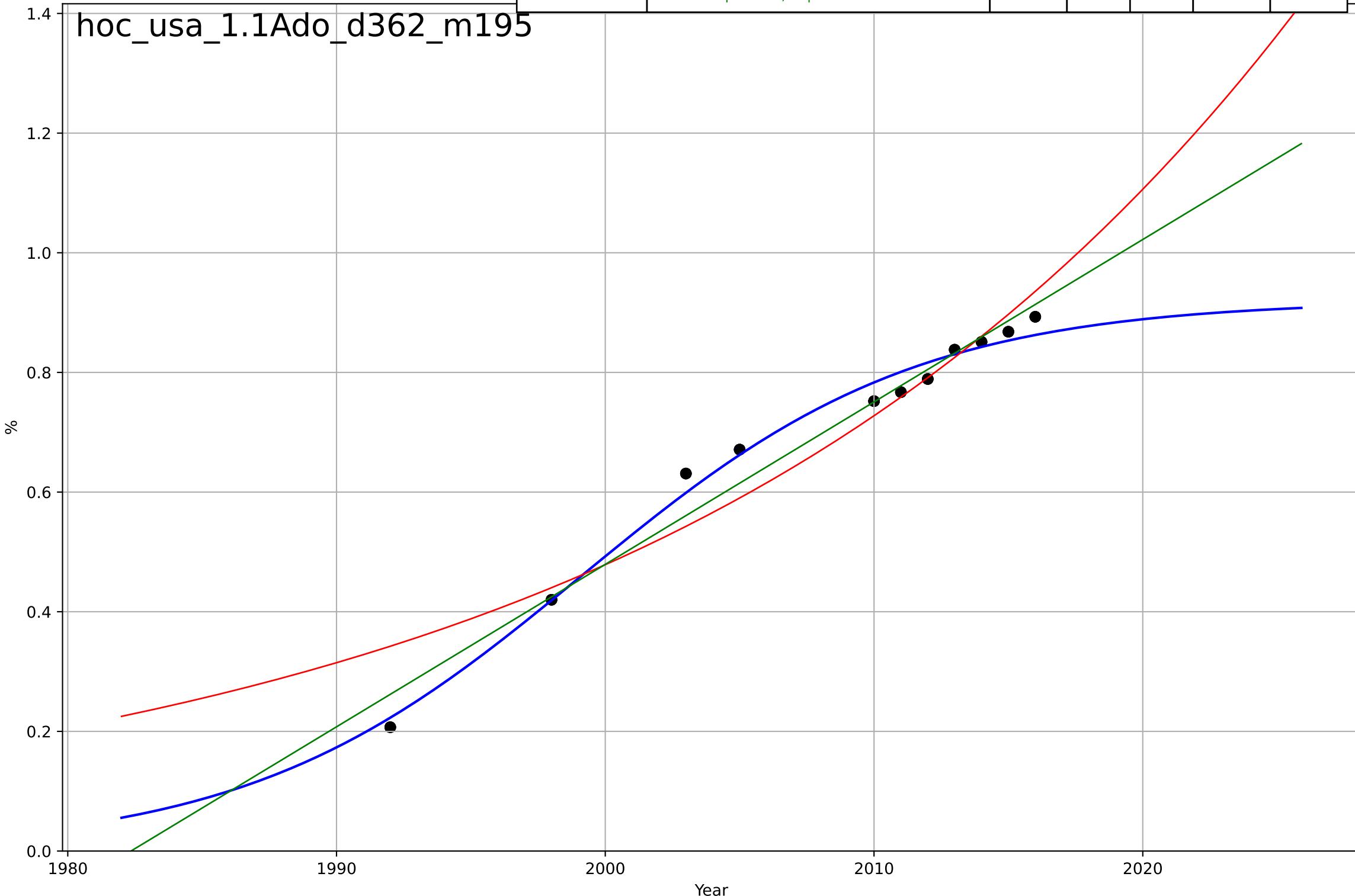
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2000, Dt=12.7, K=80.9	0.346	0.97	0.969	5.32	4.33
Exponential	0.641*exp(0.0494*(x-1917))	0.0494	0.774	0.769	14.6	12.3
Linear	intercept=-6.27e+03, slope=3.16	3.16	0.902	0.9	9.58	8.28

hia_usa_1.1Ado_d362_m195



home computers
United States
1.1 Adoption over Time
Share of Households
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=27.4, K=0.92$	0.16	0.988	0.986	0.0224	0.0193
Exponential	$1.26 \cdot \exp(0.0419 \cdot (x-2023))$	0.0419	0.918	0.913	0.0577	0.0412
Linear	intercept=-53.8, slope=0.0272	0.0272	0.972	0.971	0.0336	0.0243



laundry dryers

United States

1.1 Adoption over Time

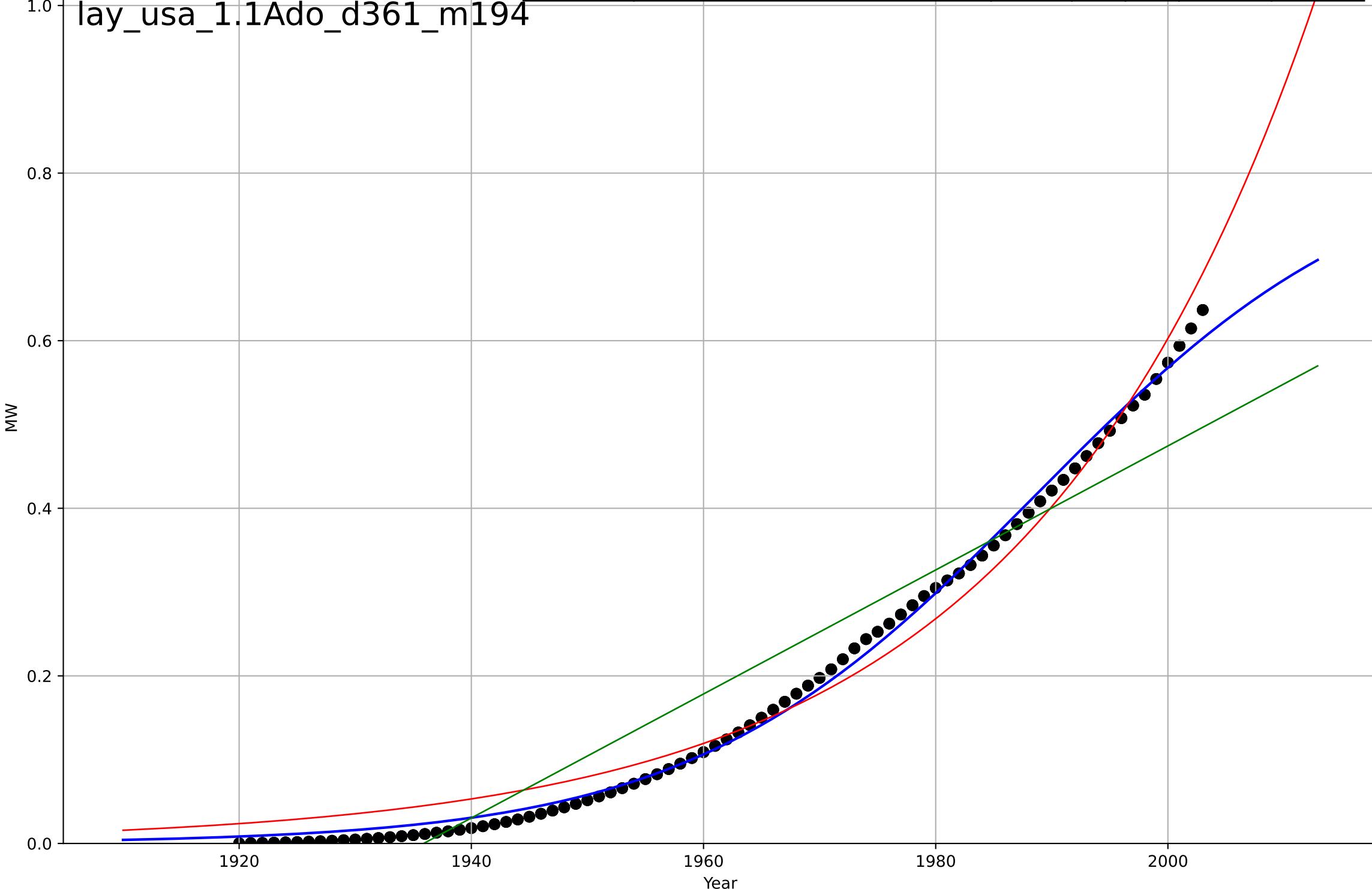
Cumulative Total Capacity

MW

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1989, D_t=65.5, K=8.34e+05$	0.0671	0.997	0.997	1.11e+04	9.9e+03
Exponential	$4.26 \cdot \exp(0.0405 \cdot (x - 1707))$	0.0405	0.98	0.98	2.68e+04	2.47e+04
Linear	intercept=-1.43e+07, slope=7.4e+03	7.4e+03	0.904	0.904	5.83e+04	4.98e+04

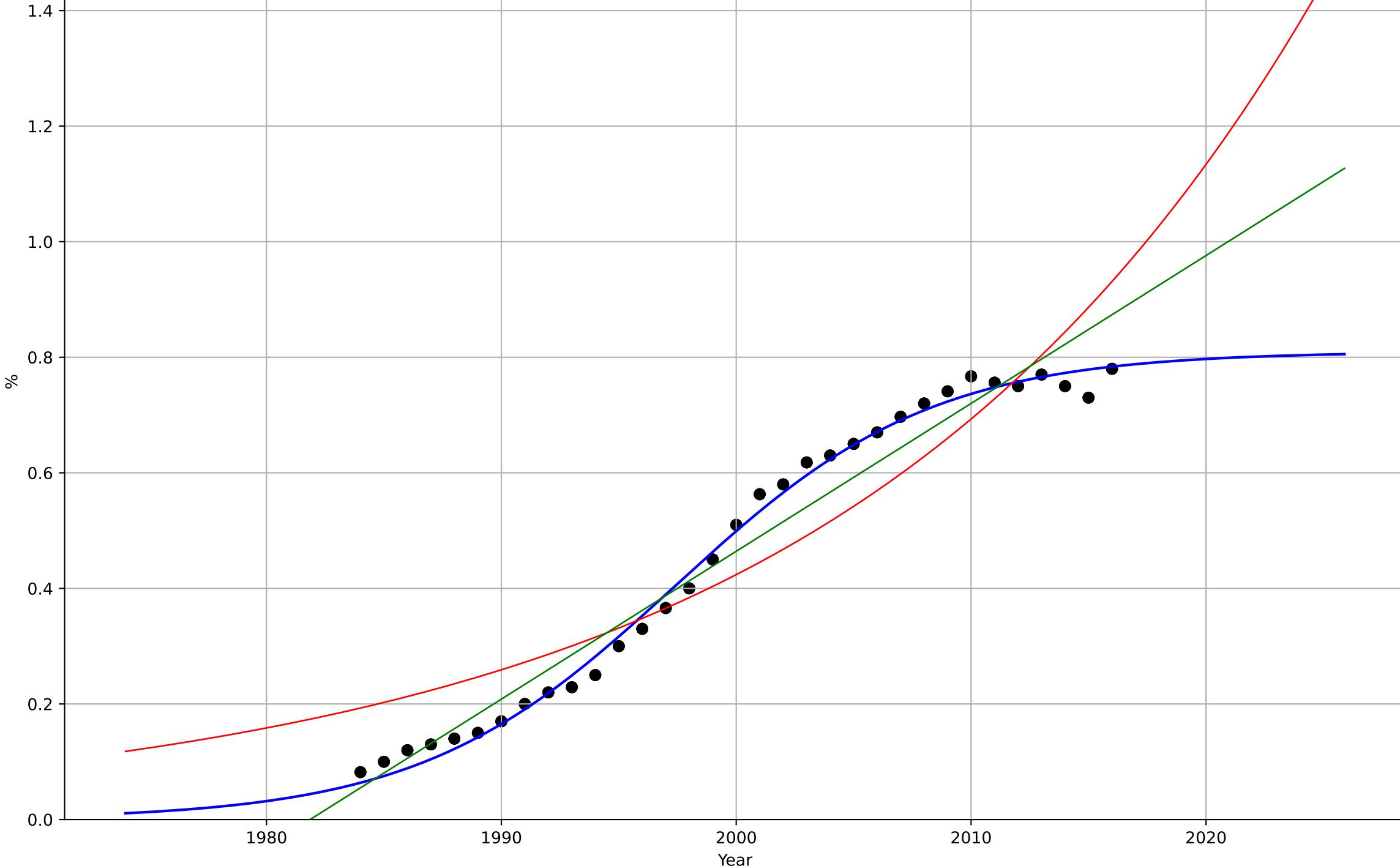
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microcomputers
 United States
 1.1 Adoption over Time
 Share of Households
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1997, Dt=23.9, K=0.81	0.184	0.994	0.993	0.0198	0.0164
Exponential	$3.67 \cdot \exp(0.0492 \cdot (x-2044))$	0.0492	0.871	0.869	0.0892	0.0805
Linear	intercept=-50.7, slope=0.0256	0.0256	0.959	0.958	0.0503	0.0433

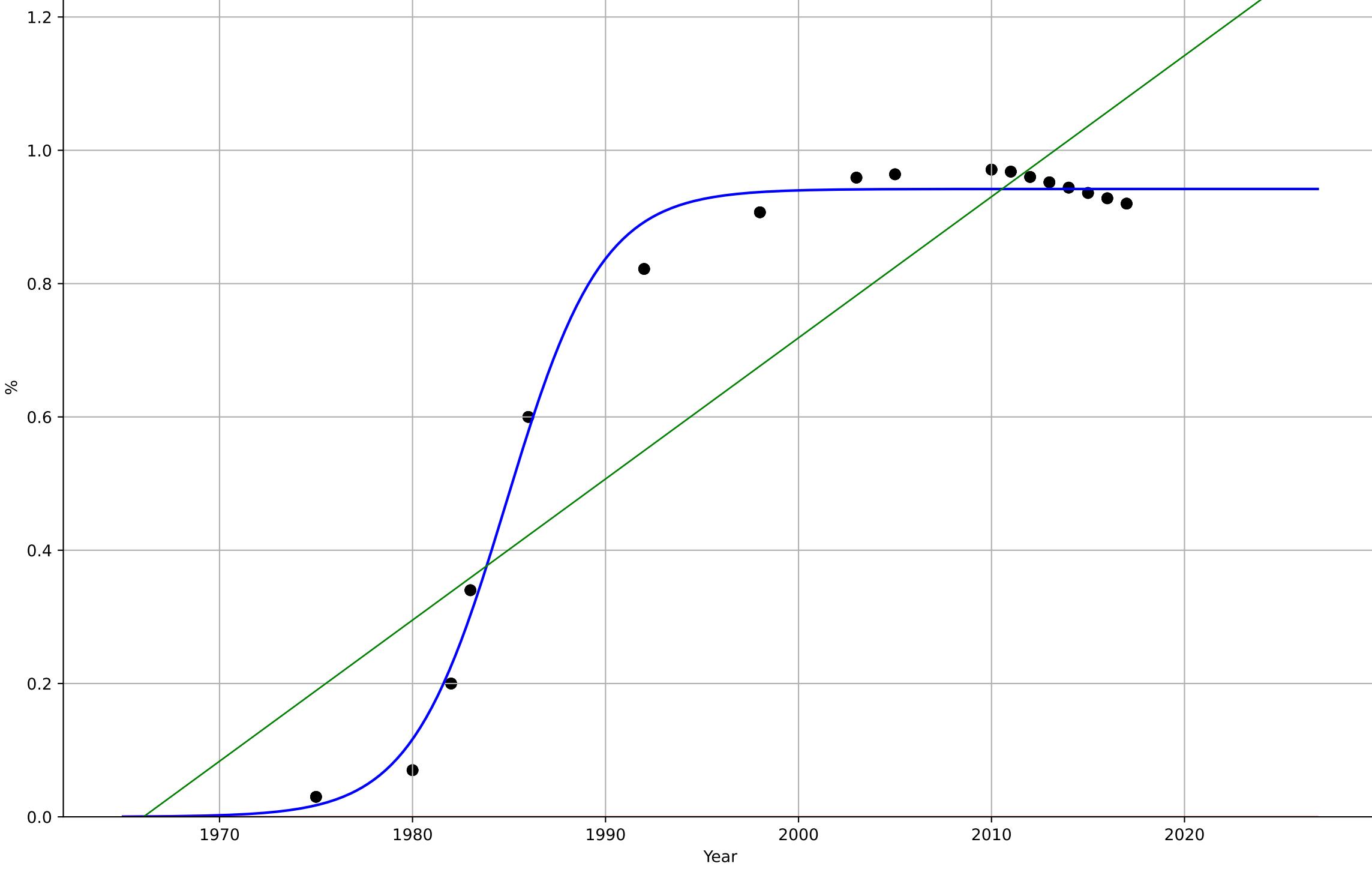
mcp_usa_1.1Ado_d362_m195



microwaves
 United States
 1.1 Adoption over Time
 Share of Households
 %

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=1985, Dt=10.9, K=0.942	0.404	0.993	0.992	0.0289	0.0242
Exponential	1.55e+03*exp(0.00295*(x-157470))	0.00295	-4.81	-5.05	0.806	0.734
Linear	intercept=-41.6, slope=0.0212	0.0212	0.808	0.8	0.147	0.124

mwa_usa_1.1Ado_d362_m195



nox pollution controls (boilers)

United States

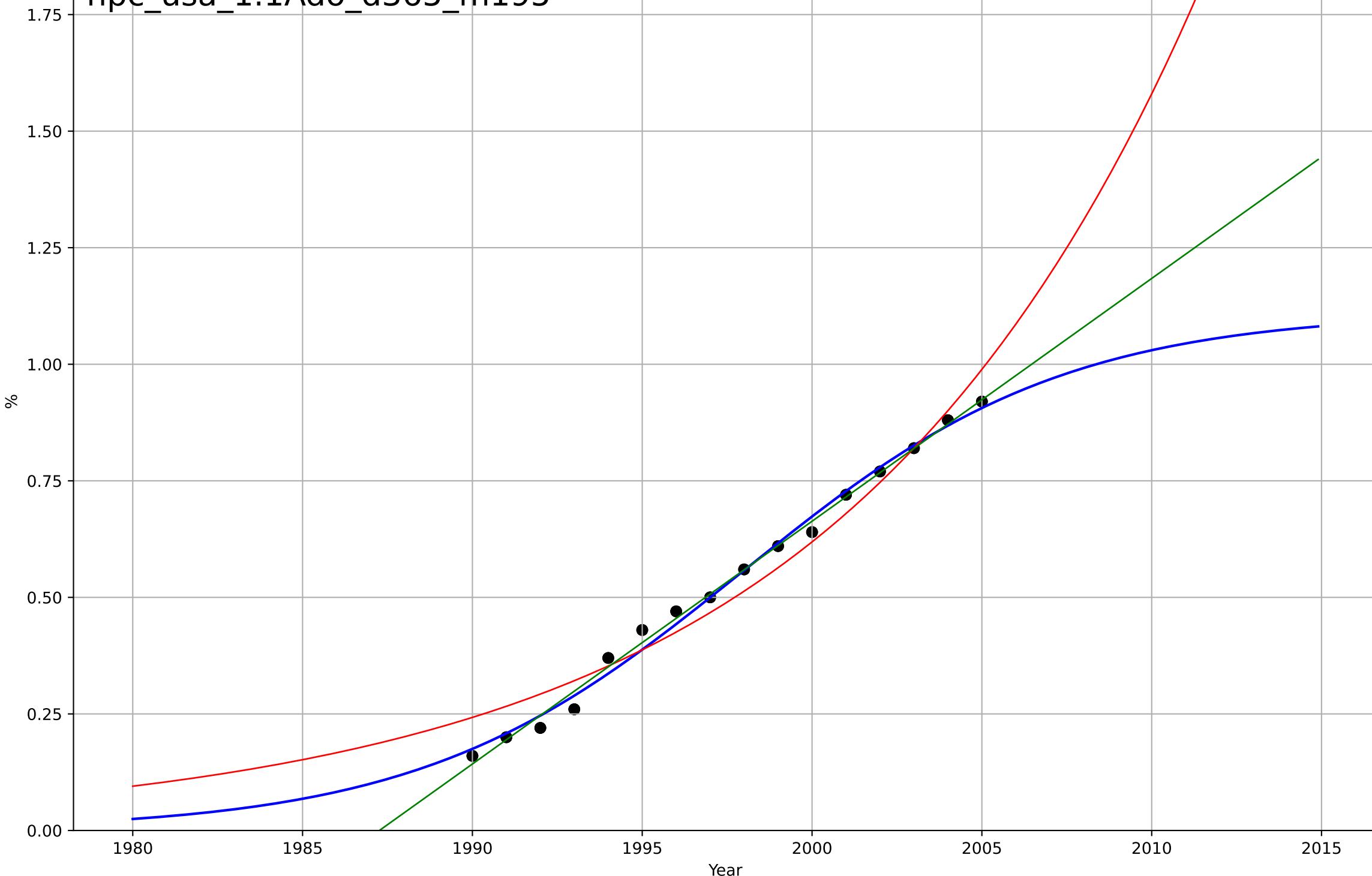
1.1 Adoption over Time

Share of Boilers

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1998, D_t=20.8, K=1.11$	0.211	0.992	0.992	0.0212	0.017
Exponential	$5.71 \cdot \exp(0.0937 \cdot (x-2024))$	0.0937	0.96	0.958	0.0484	0.0429
Linear	intercept=-103, slope=0.0521	0.0521	0.995	0.995	0.0169	0.0126

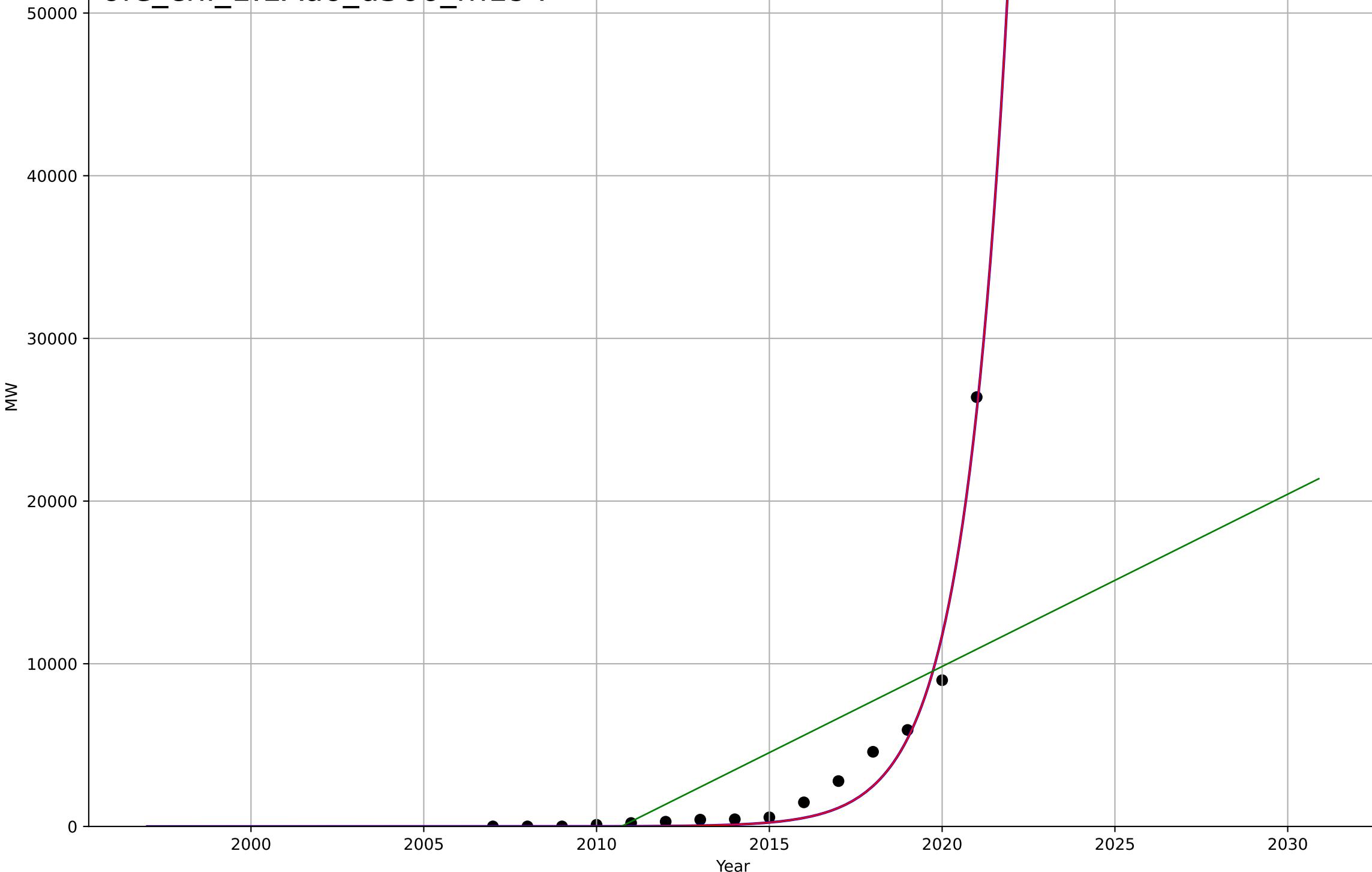
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offshore wind energy
 China
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=2037, Dt=5.66, K=6.31e+09$	0.777	0.974	0.967	1.07e+03	694
Exponential	$3.32e-19 \cdot \exp(0.777 \cdot (x-1953))$	0.777	0.974	0.97	1.07e+03	694
Linear	intercept=-2.13e+06, slope=1.06e+03	1.06e+03	0.474	0.386	4.82e+03	3.33e+03

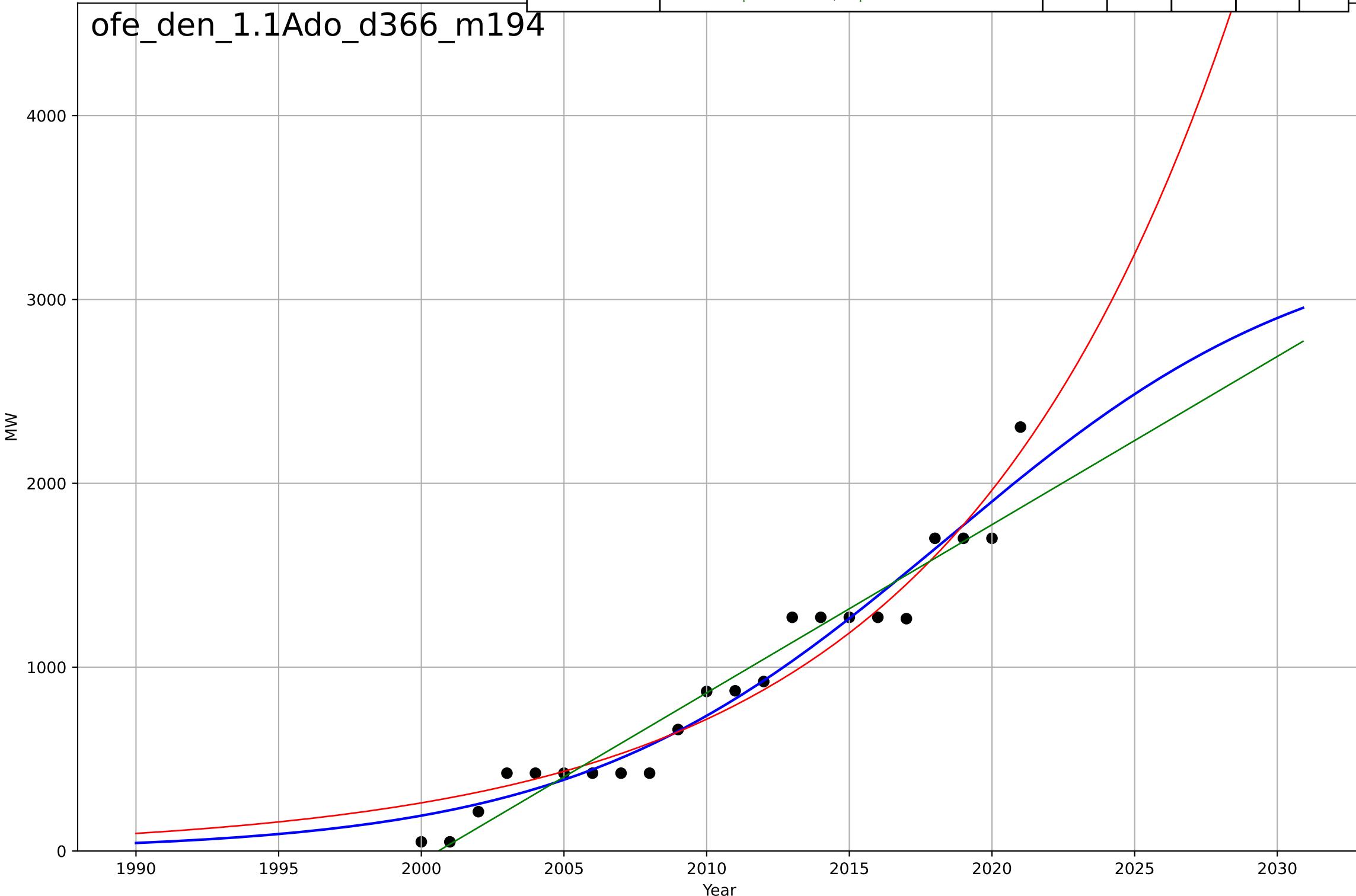
ofe_chi_1.1Ado_d366_m194



offshore wind energy
 Denmark
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=28.8, K=3.39e+03$	0.153	0.949	0.941	135	109
Exponential	$0.00251 \cdot \exp(0.101 \cdot (x-1885))$	0.101	0.941	0.935	146	121
Linear	intercept=-1.83e+05, slope=91.5	91.5	0.936	0.929	152	118

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offshore wind energy

Finland

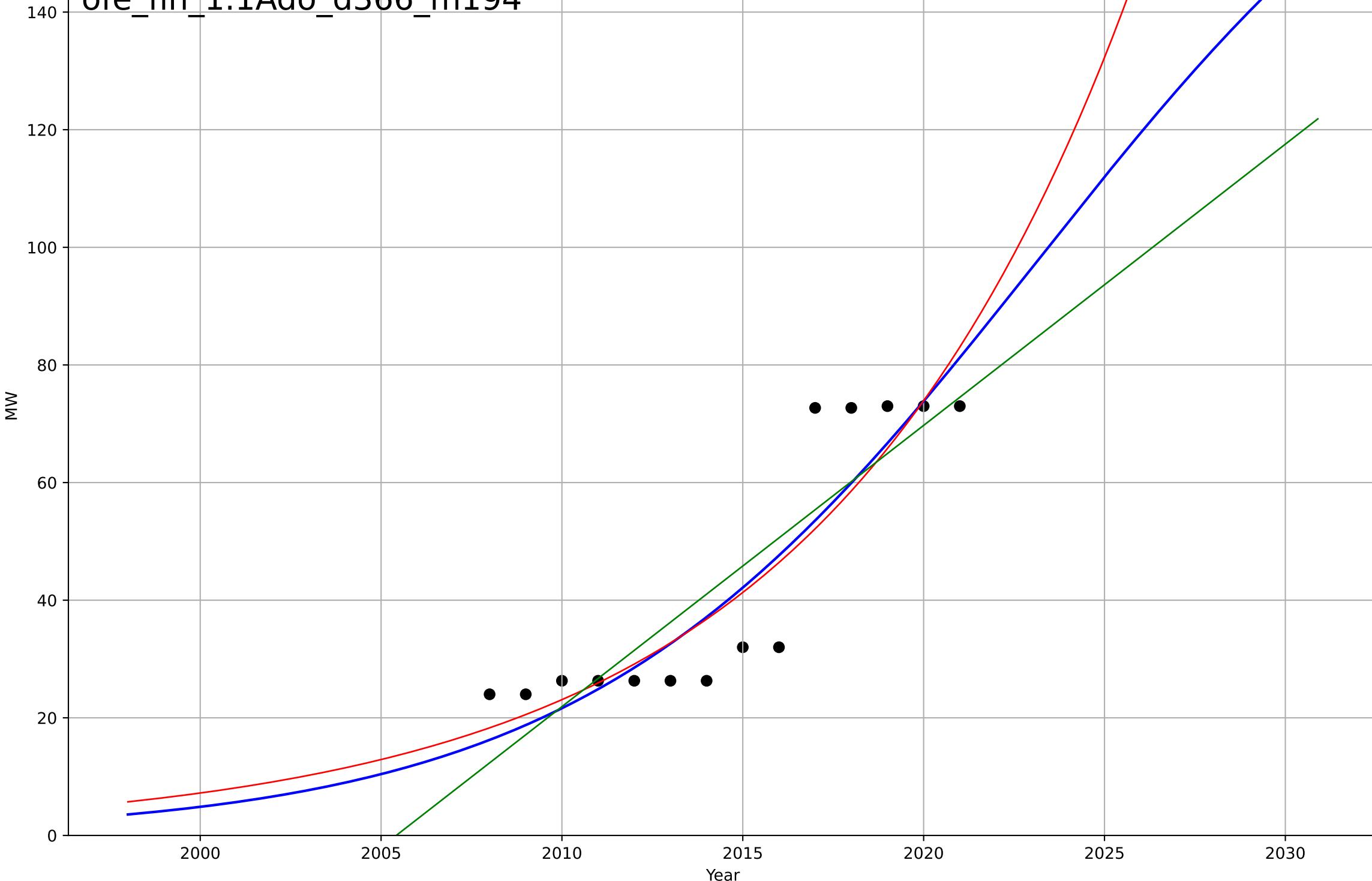
1.1 Adoption over Time

Installed electricity capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2023, Dt=27.7, K=196	0.158	0.816	0.76	9.48	7.96
Exponential	0.137*exp(0.116*(x-1966))	0.116	0.812	0.777	9.58	7.79
Linear	intercept=-9.59e+03, slope=4.78	4.78	0.763	0.72	10.7	9.16

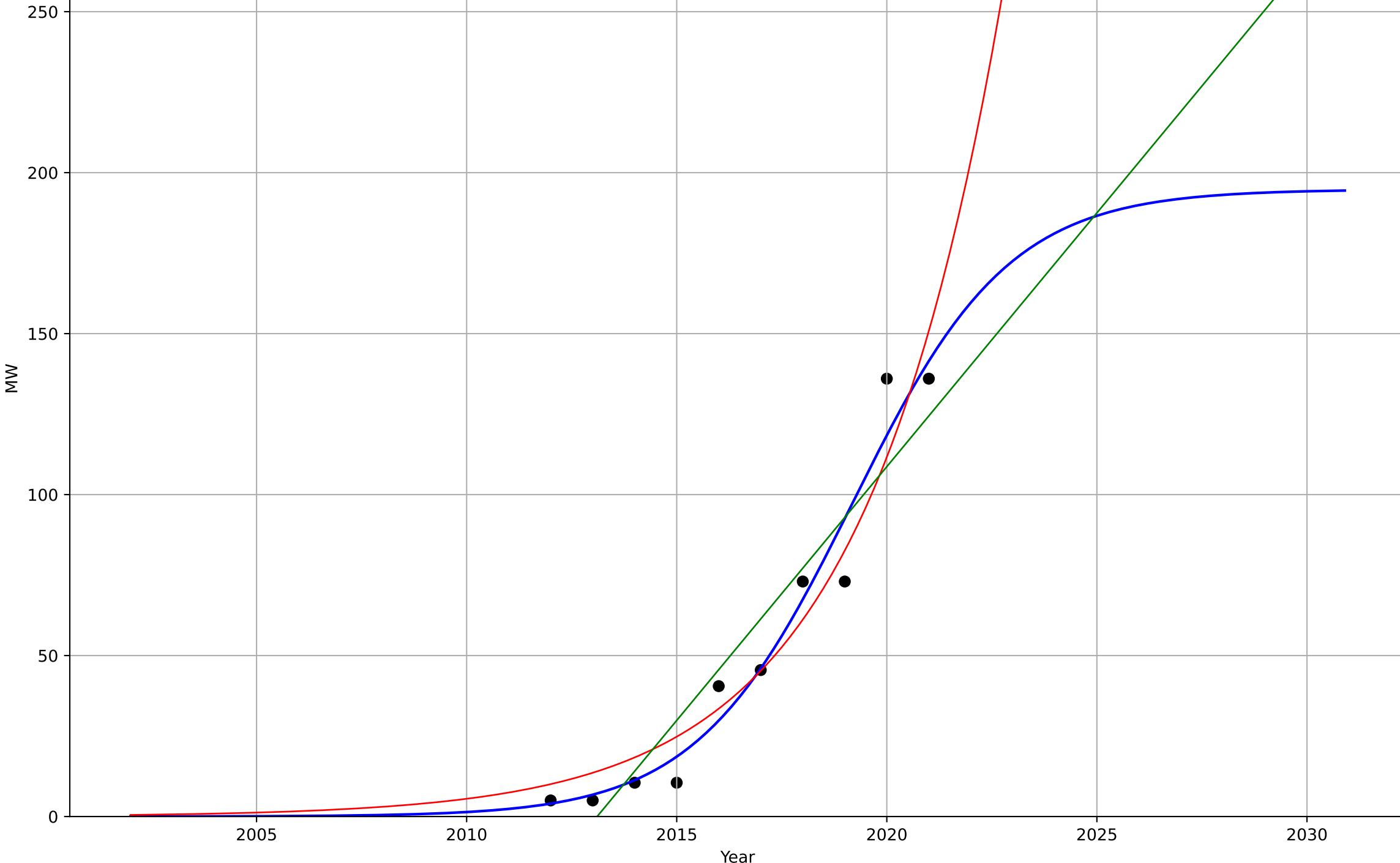
ofe_fin_1.1Ado_d366_m194



offshore wind energy
 South Korea
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=8.18, K=195	0.537	0.959	0.939	9.69	7.11
Exponential	0.00063*exp(0.301*(x-1980))	0.301	0.937	0.918	12.1	10.4
Linear	intercept=-3.17e+04, slope=15.8	15.8	0.891	0.86	15.8	13.6

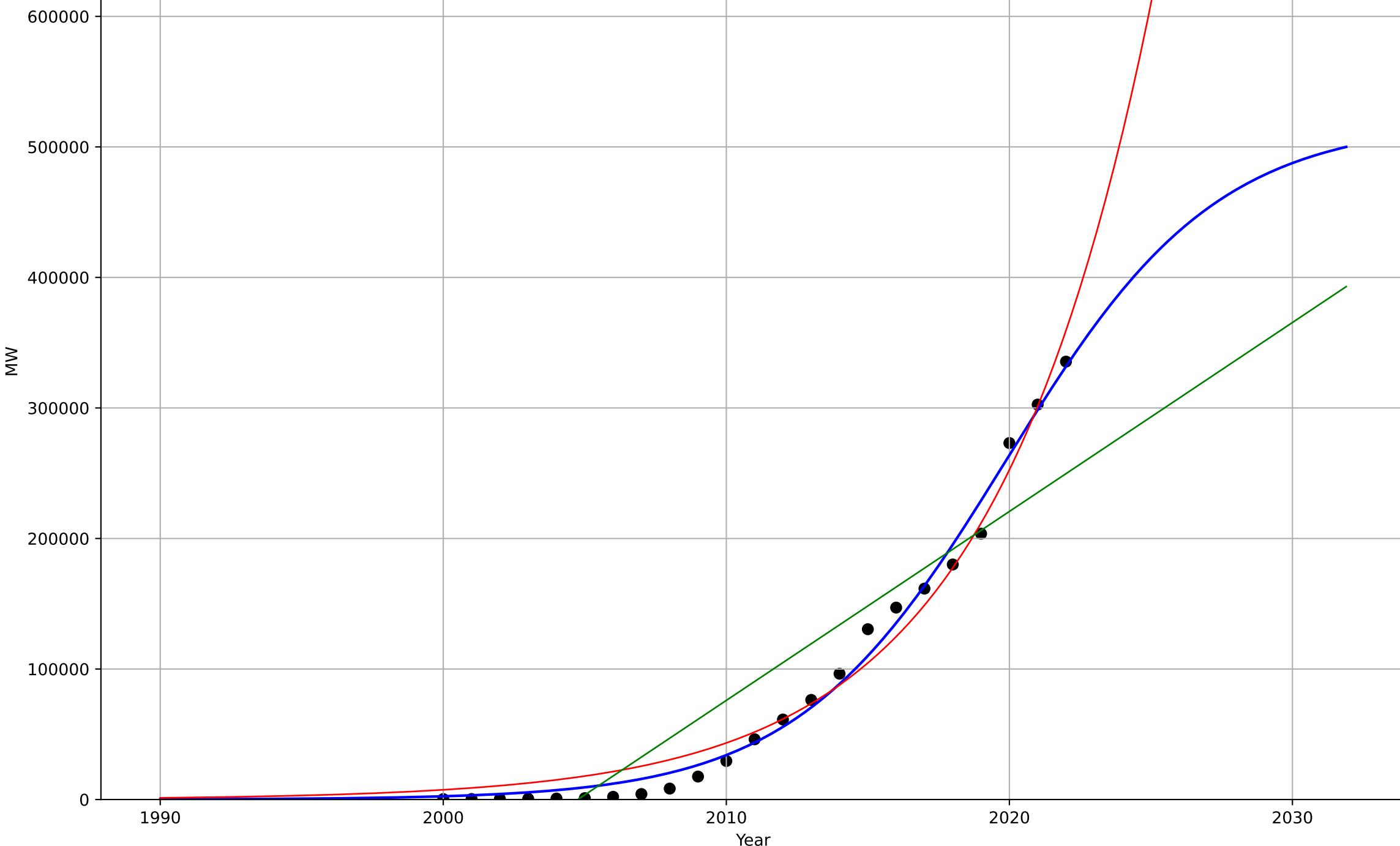
ofe_sou_1.1Ado_d366_m194



onshore wind energy
China
1.1 Adoption over Time
Installed electricity capacity
MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2020, D_t=16.3, K=5.2e+05$	0.269	0.991	0.989	1.01e+04	8.23e+03
Exponential	$1.71e-08 \cdot \exp(0.176 \cdot (x-1848))$	0.176	0.979	0.977	1.51e+04	1.3e+04
Linear	intercept=-2.9e+07, slope=1.45e+04	1.45e+04	0.843	0.827	4.15e+04	3.54e+04

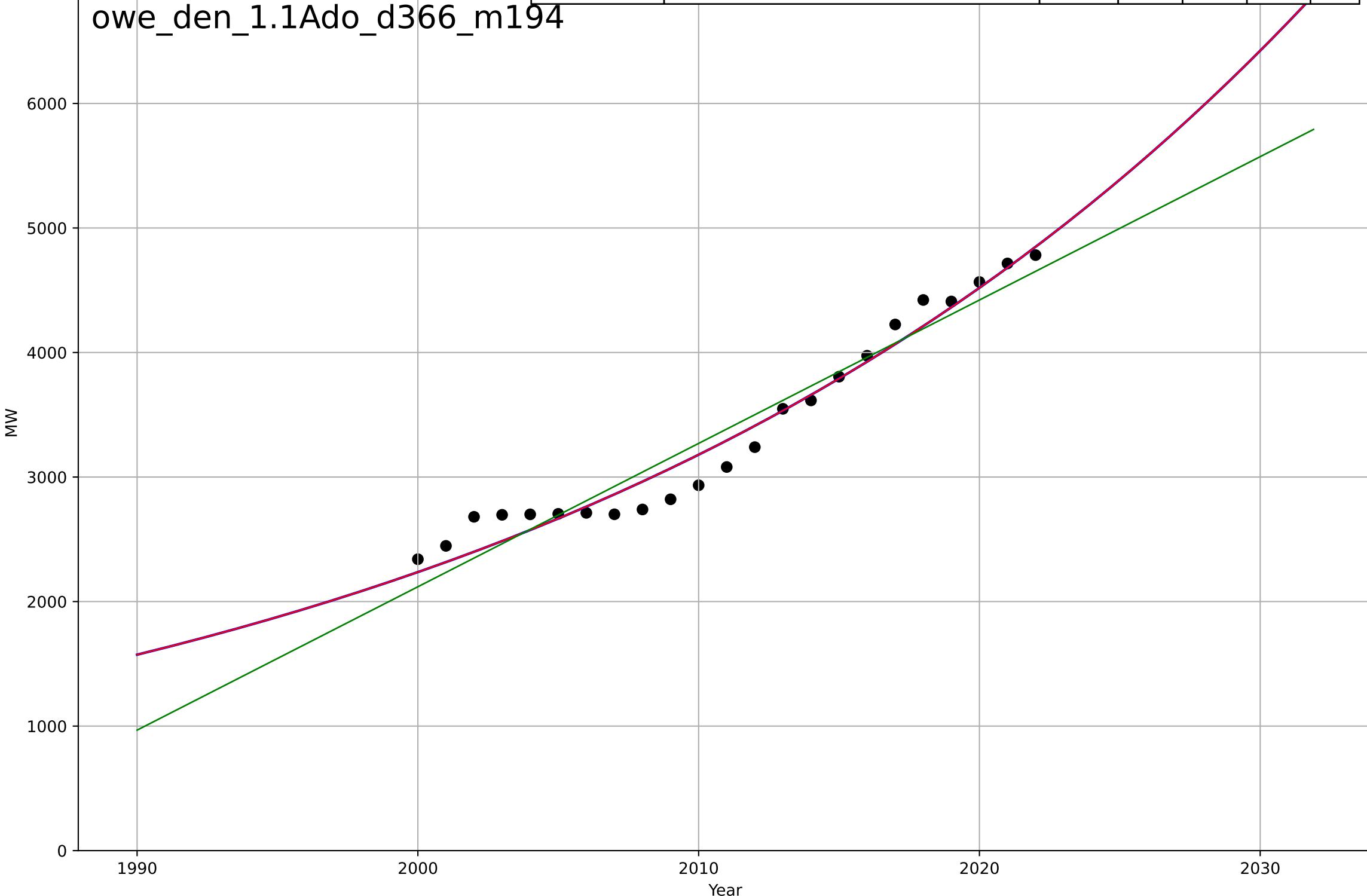
owe_chi_1.1Ado_d366_m194



onshore wind energy
 Denmark
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2328, D_t=125, K=2.28e+08$	0.0352	0.963	0.958	151	125
Exponential	$0.518 \cdot \exp(0.0352 \cdot (x - 1762))$	0.0352	0.963	0.96	151	125
Linear	intercept=-2.28e+05, slope=115	115	0.932	0.925	207	181

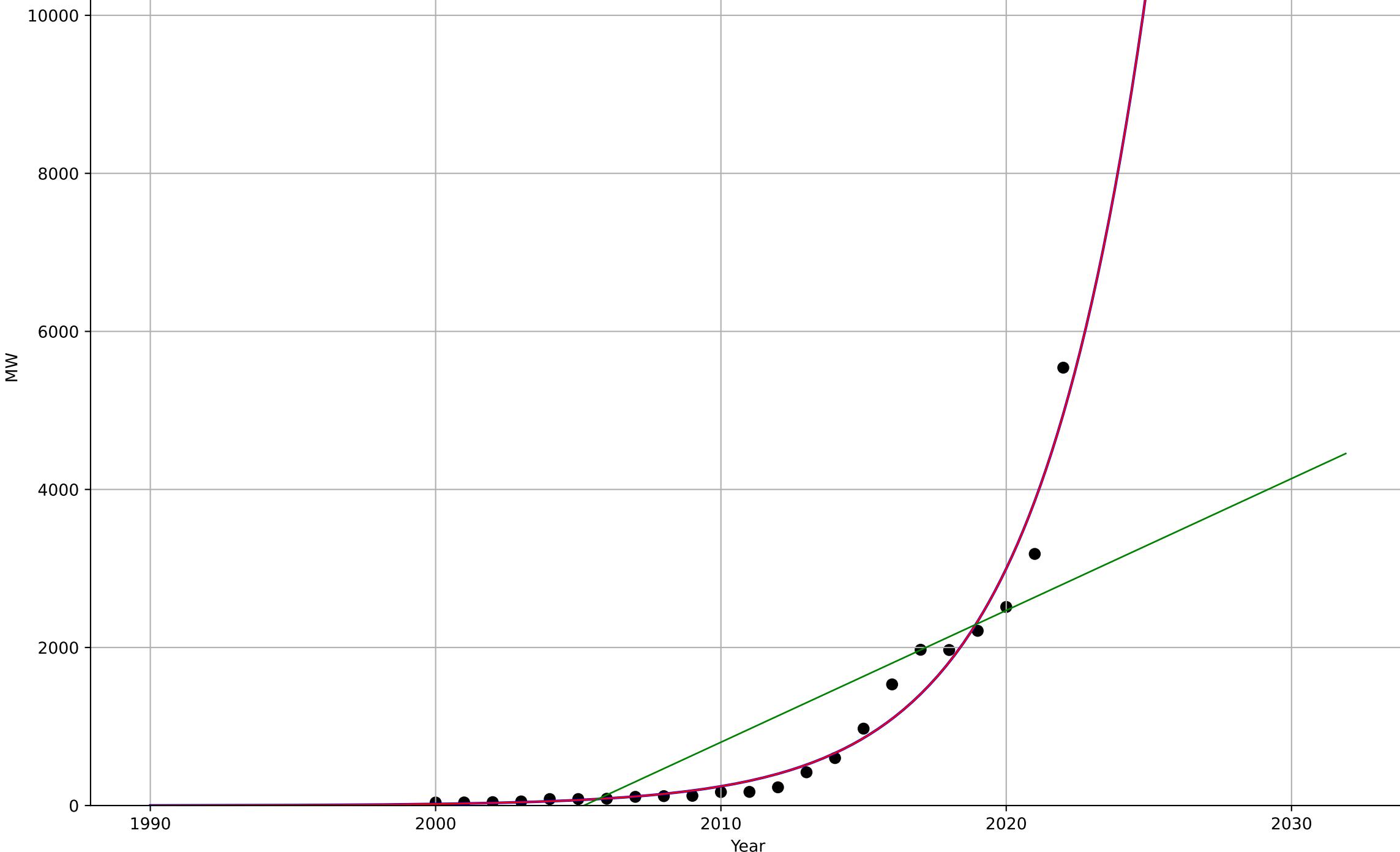
owe_den_1.1Ado_d366_m194



onshore wind energy
 Finland
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2068, D_t=17.5, K=5.13e+08$	0.251	0.961	0.955	269	168
Exponential	$4.31e-07 \cdot \exp(0.251 \cdot (x-1930))$	0.251	0.961	0.957	269	168
Linear	intercept=-3.34e+05, slope=167	167	0.666	0.633	783	554

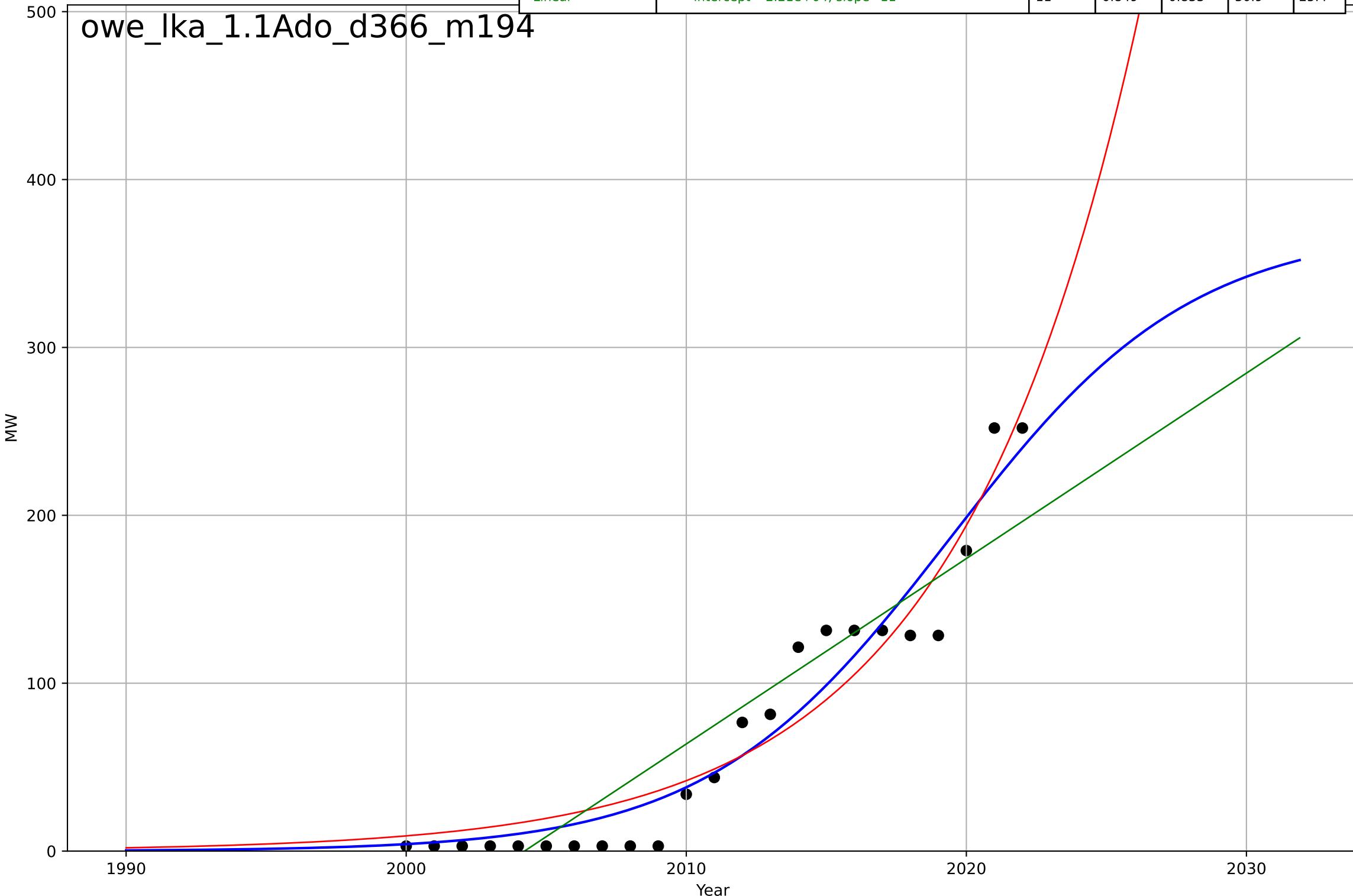
owe_fin_1.1Ado_d366_m194



onshore wind energy
 Sri Lanka
 1.1 Adoption over Time
 Installed electricity capacity
 MW

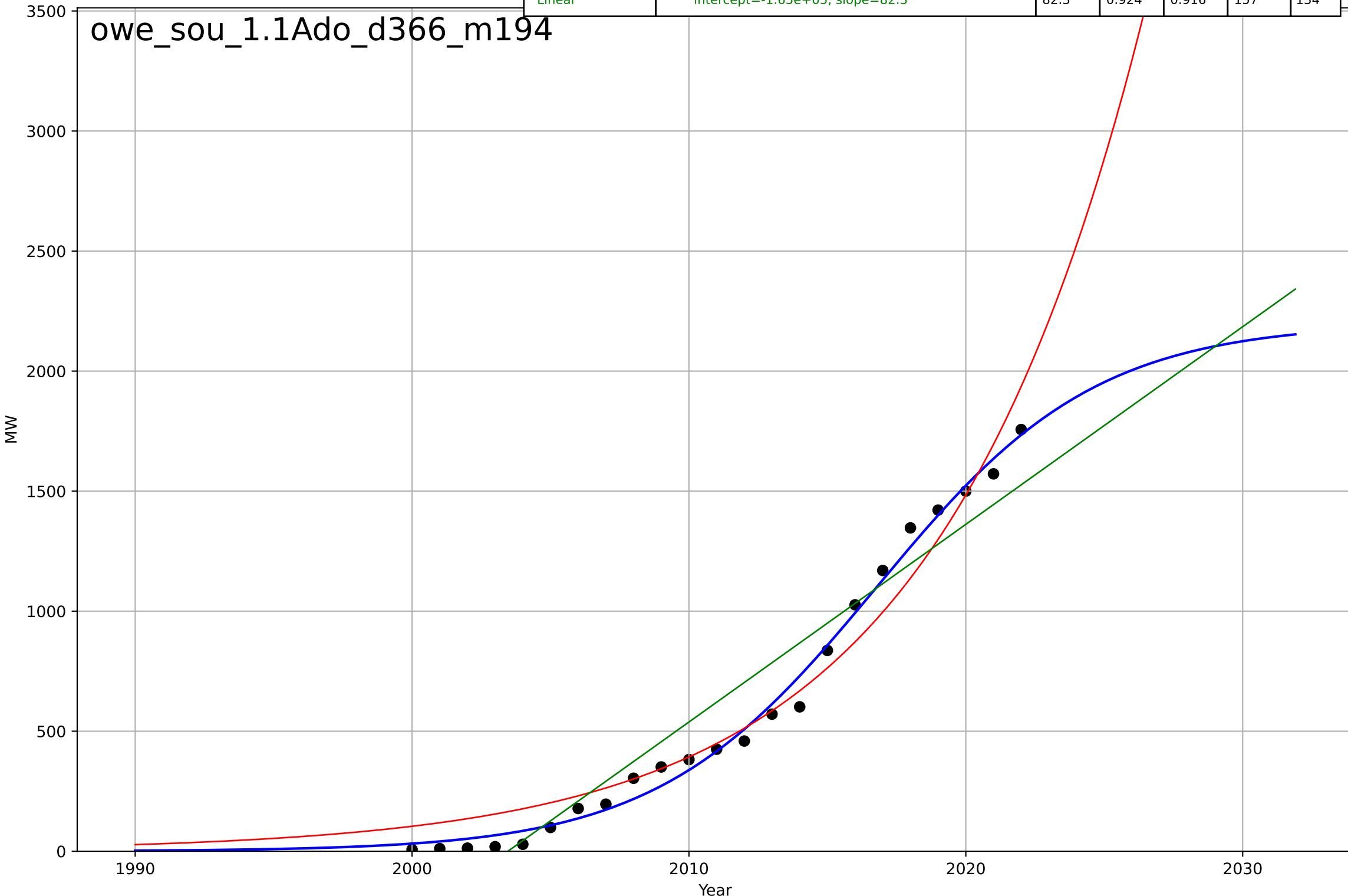
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=19, K=371	0.231	0.931	0.92	20.8	16.5
Exponential	0.00869*exp(0.153*(x-1955))	0.153	0.922	0.914	22.2	19.2
Linear	intercept=-2.21e+04, slope=11	11	0.849	0.833	30.9	25.4

owe_lka_1.1Ado_d366_m194



onshore wind energy
 South Korea
 1.1 Adoption over Time
 Installed electricity capacity
 MW

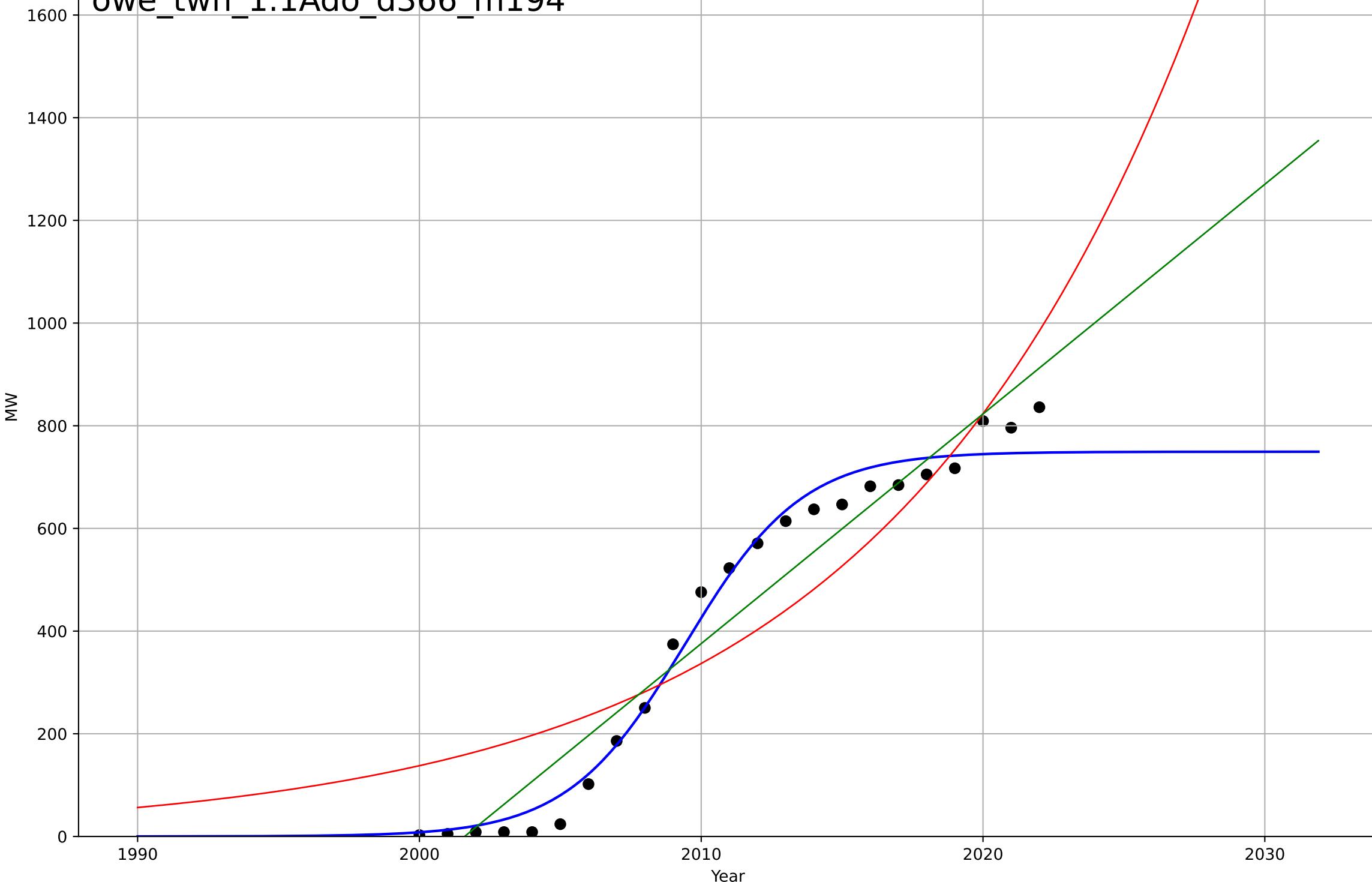
Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2017, Dt=17.5, K=2.2e+03	0.252	0.992	0.99	51.9	44
Exponential	0.000471*exp(0.133*(x-1907))	0.133	0.964	0.96	108	89.7
Linear	intercept=-1.65e+05, slope=82.3	82.3	0.924	0.916	157	134



onshore wind energy
 Taiwan
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2009, D_t=9.17, K=749$	0.479	0.984	0.981	38.9	32.2
Exponential	$0.000422 \cdot \exp(0.0894 \cdot (x-1858))$	0.0894	0.821	0.804	129	117
Linear	intercept=-8.95e+04, slope=44.7	44.7	0.944	0.939	72.1	63.6

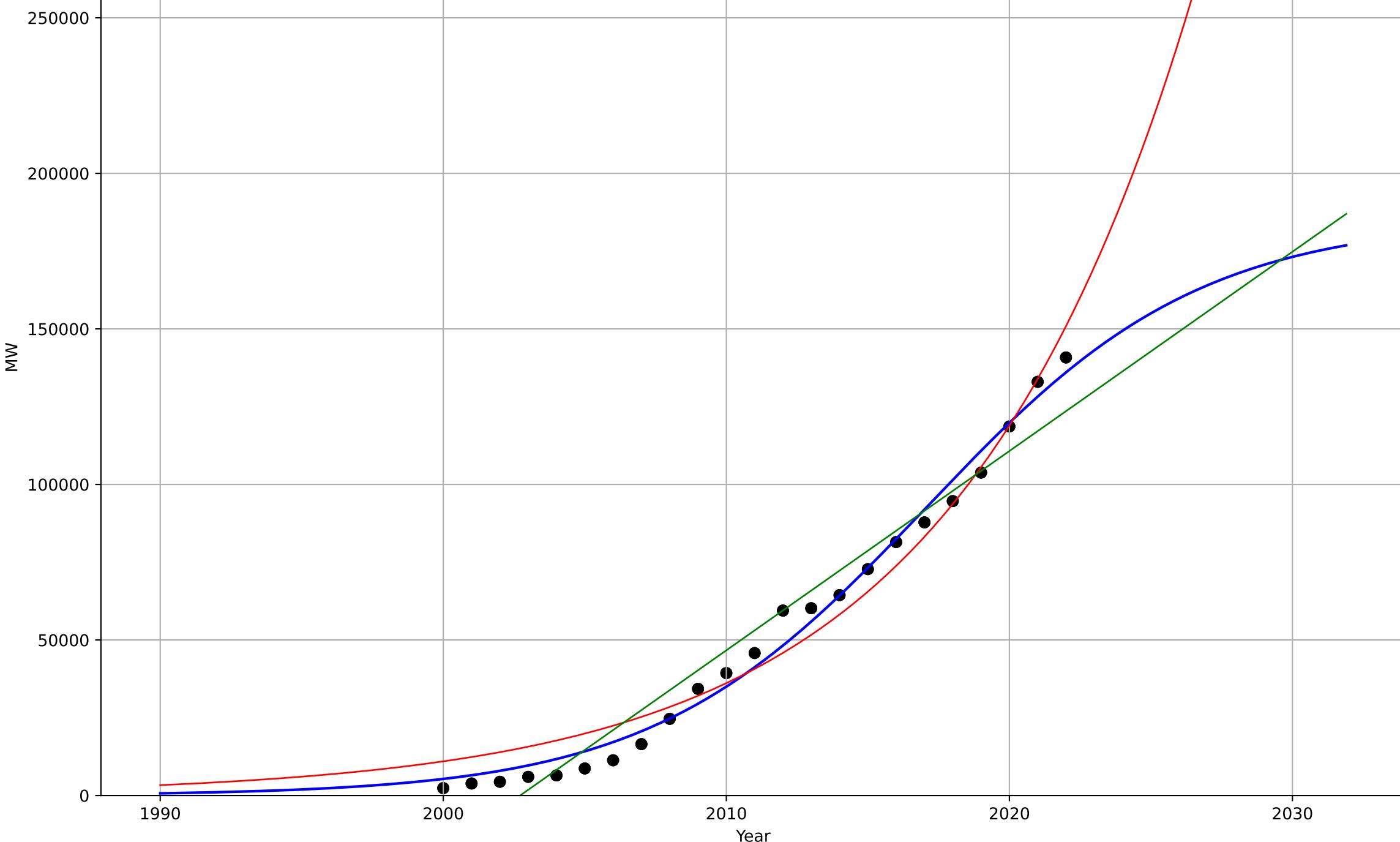
owe_twn_1.1Ado_d366_m194



onshore wind energy
 United States
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2017, D_t=21.3, K=1.85e+05$	0.206	0.988	0.987	4.76e+03	4.05e+03
Exponential	$1.1e-05 \cdot \exp(0.119 \cdot (x-1826))$	0.119	0.968	0.967	7.73e+03	6.73e+03
Linear	intercept=-1.28e+07, slope=6.41e+03	6.41e+03	0.955	0.953	9.25e+03	7.72e+03

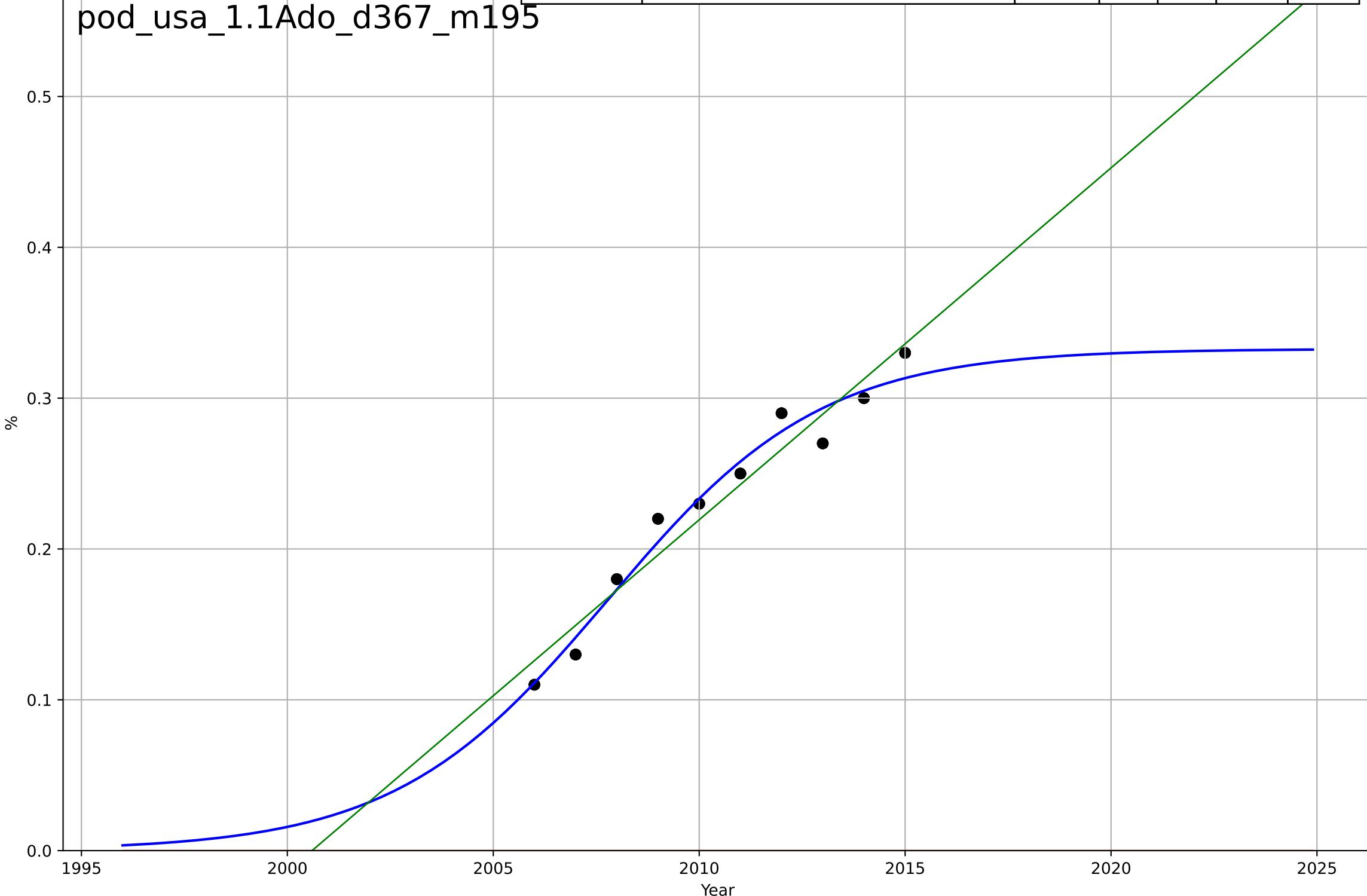
owe_usa_1.1Ado_d366_m194



podcasting
United States
1.1 Adoption over Time
Share of Population
%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2008, Dt=11.4, K=0.333	0.386	0.969	0.965	0.0122	0.0103
Exponential	1.55e+03*exp(0.00317*(x-157524))	0.00317	-11.2	-12.1	0.241	0.231
Linear	intercept=-46.7, slope=0.0233	0.0233	0.946	0.942	0.016	0.0147

pod_usa_1.1Ado_d367_m195



real-time gross settlement adoption

United States

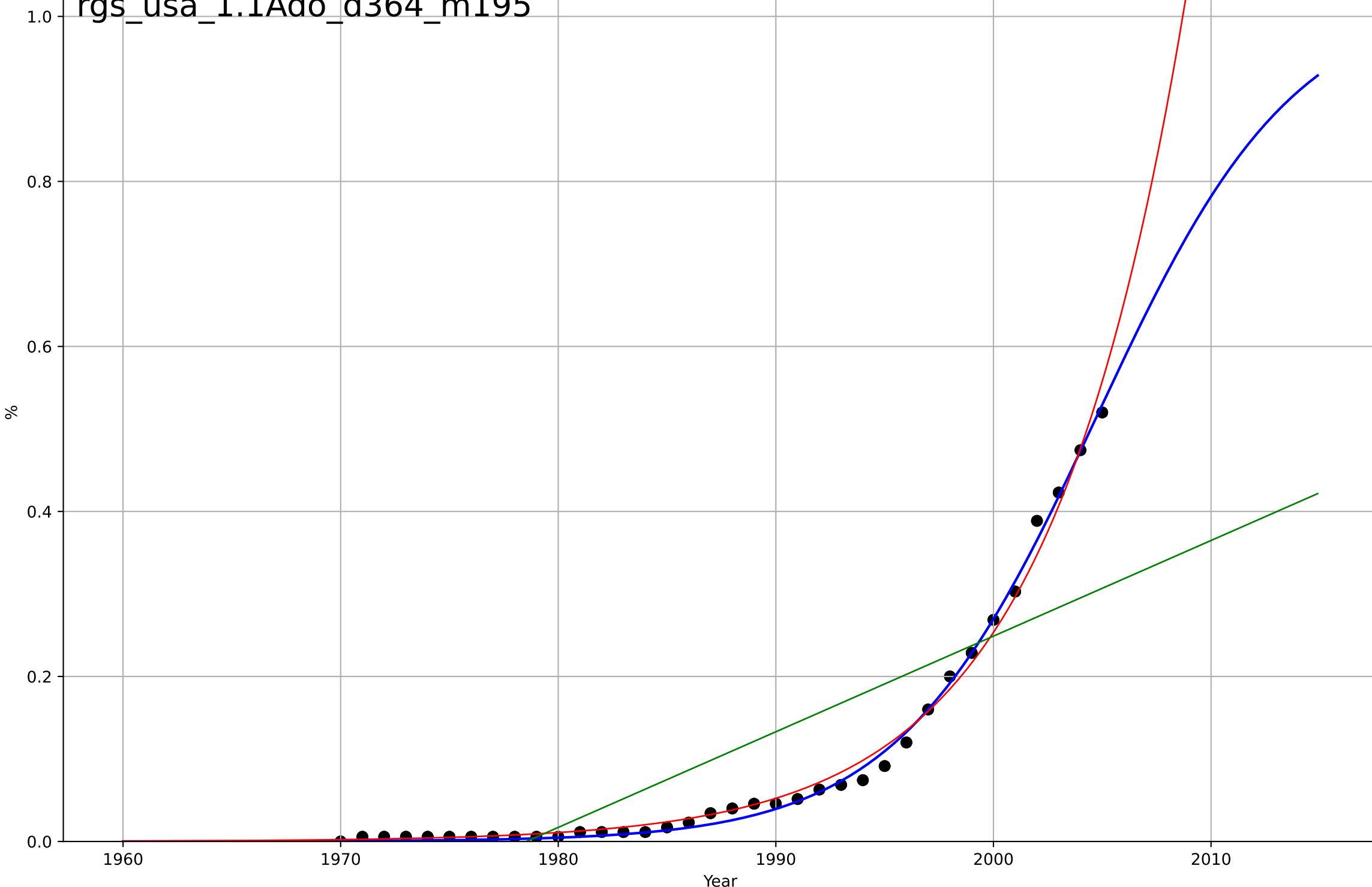
1.1 Adoption over Time

Share of Market

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2005, Dt=20.1, K=1.03	0.219	0.997	0.997	0.00836	0.00624
Exponential	3.74*exp(0.158*(x-2017))	0.158	0.992	0.992	0.013	0.00864
Linear	intercept=-22.9, slope=0.0116	0.0116	0.682	0.675	0.0823	0.0683

rgs_usa_1.1Ado_d364_m195



social media usage

United States

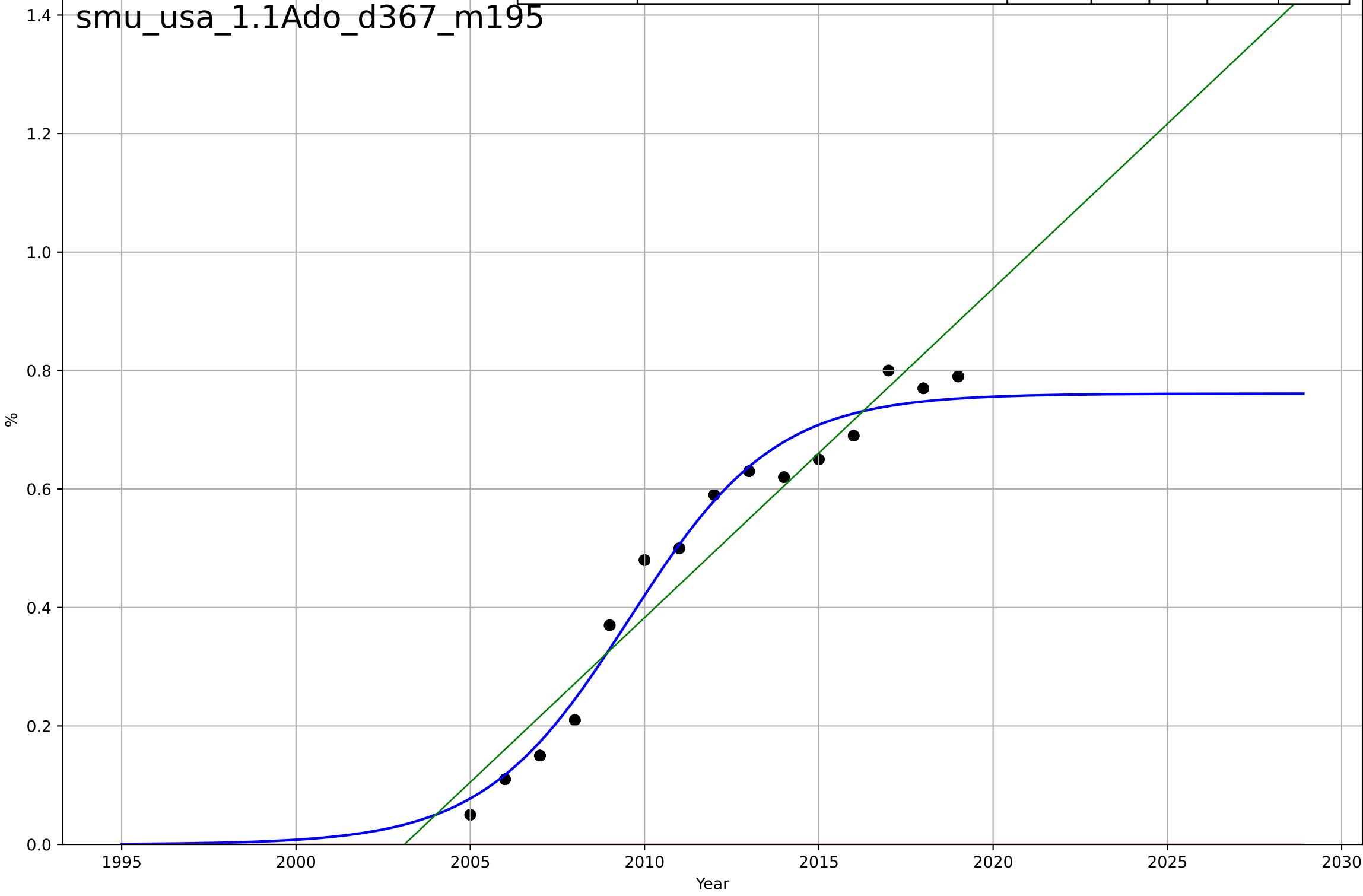
1.1 Adoption over Time

Share of Population

%

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2010, Dt=9.2, K=0.761	0.478	0.976	0.975	0.0381	0.0328
Exponential	1.55e+03*exp(0.00617*(x-157609))	0.00617	-3.97	-4.2	0.553	0.494
Linear	intercept=-111, slope=0.0556	0.0556	0.937	0.934	0.0623	0.0561

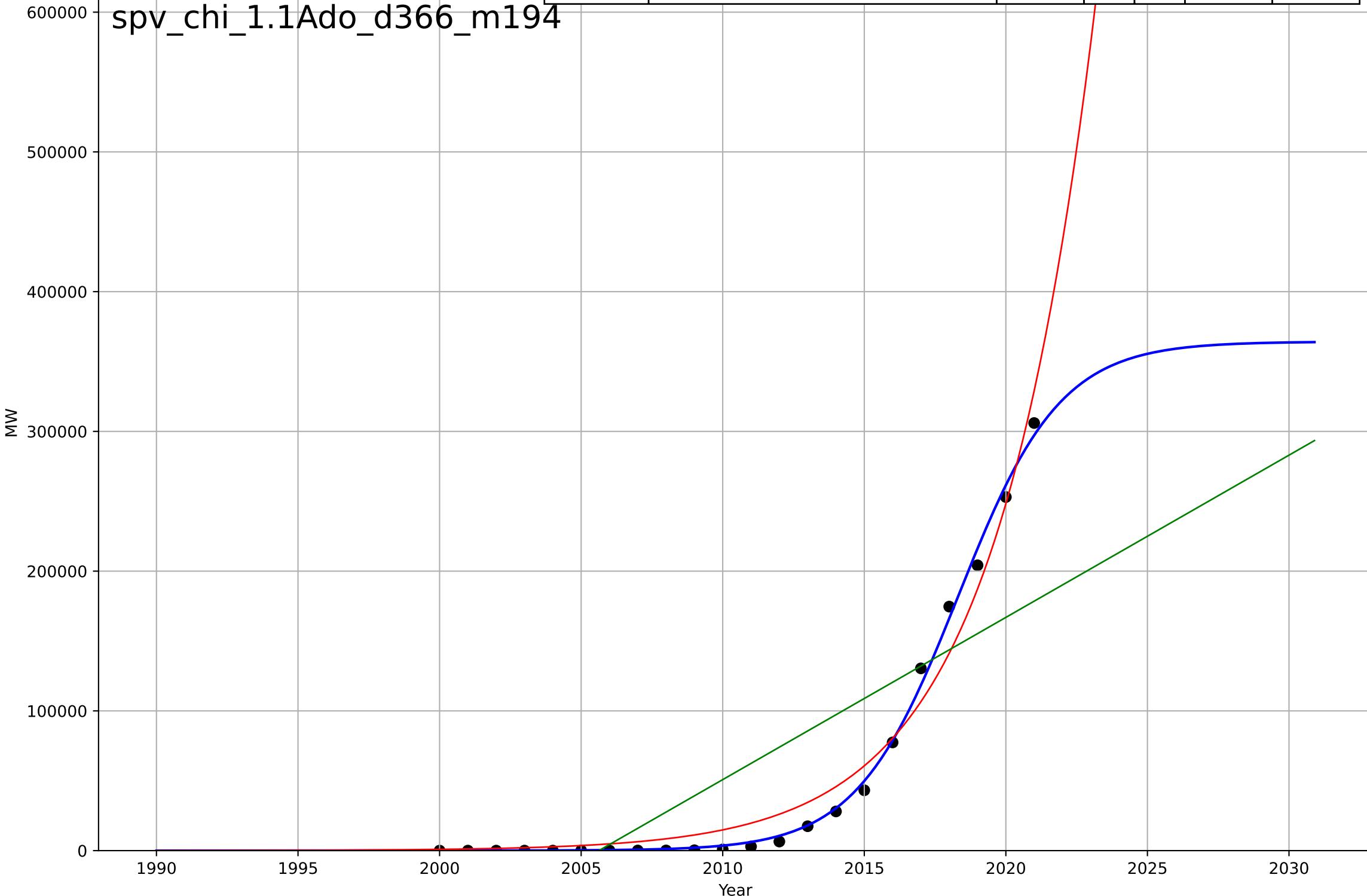
smu_usa_1.1Ado_d367_m195



solar photovoltaic
China
1.1 Adoption over Time
Installed electricity capacity
MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2018, D_t=7.91, K=3.64e+05$	0.555	0.997	0.996	5.24e+03	3.41e+03
Exponential	$5.36e-12 \cdot \exp(0.282 \cdot (x-1884))$	0.282	0.975	0.973	1.44e+04	1.13e+04
Linear	intercept=-2.33e+07, slope=1.16e+04	1.16e+04	0.644	0.606	5.48e+04	4.65e+04

spv_chi_1.1Ado_d366_m194



solar photovoltaic

Denmark

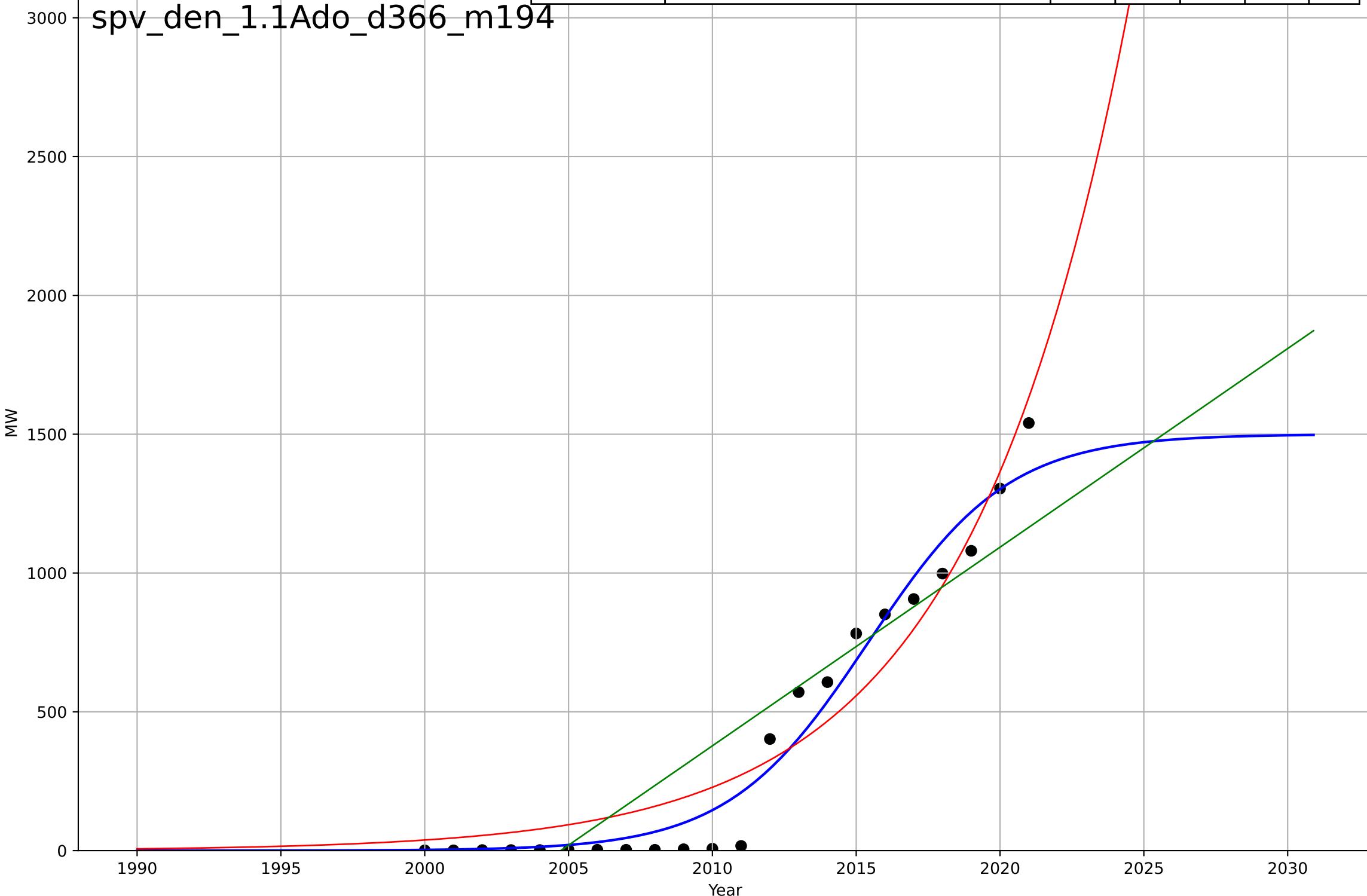
1.1 Adoption over Time

Installed electricity capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2015, D_t=10.7, K=1.5e+03$	0.412	0.964	0.958	94.6	71.5
Exponential	$1.2e-05 \cdot \exp(0.179 \cdot (x-1916))$	0.179	0.928	0.92	134	118
Linear	intercept=-1.43e+05, slope=71.6	71.6	0.825	0.807	209	163

spv_den_1.1Ado_d366_m194



solar photovoltaic

Finland

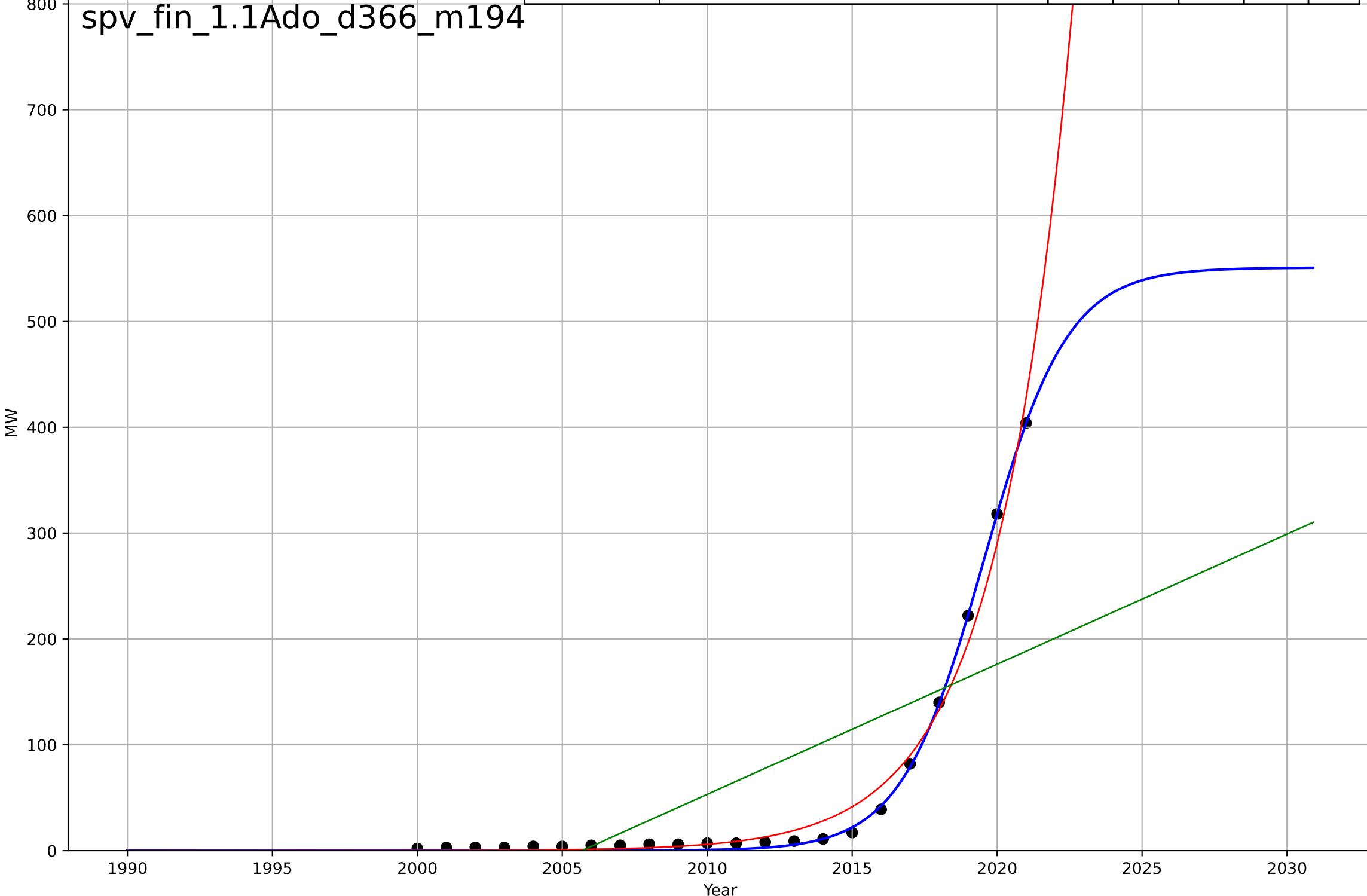
1.1 Adoption over Time

Installed electricity capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2020, Dt=6.29, K=551	0.699	0.999	0.999	3.89	3.37
Exponential	8.78e-06*exp(0.389*(x-1976))	0.389	0.986	0.984	13	9.21
Linear	intercept=-2.47e+04, slope=12.3	12.3	0.505	0.453	77.2	60.9

spv_fin_1.1Ado_d366_m194



solar photovoltaic

Sri Lanka

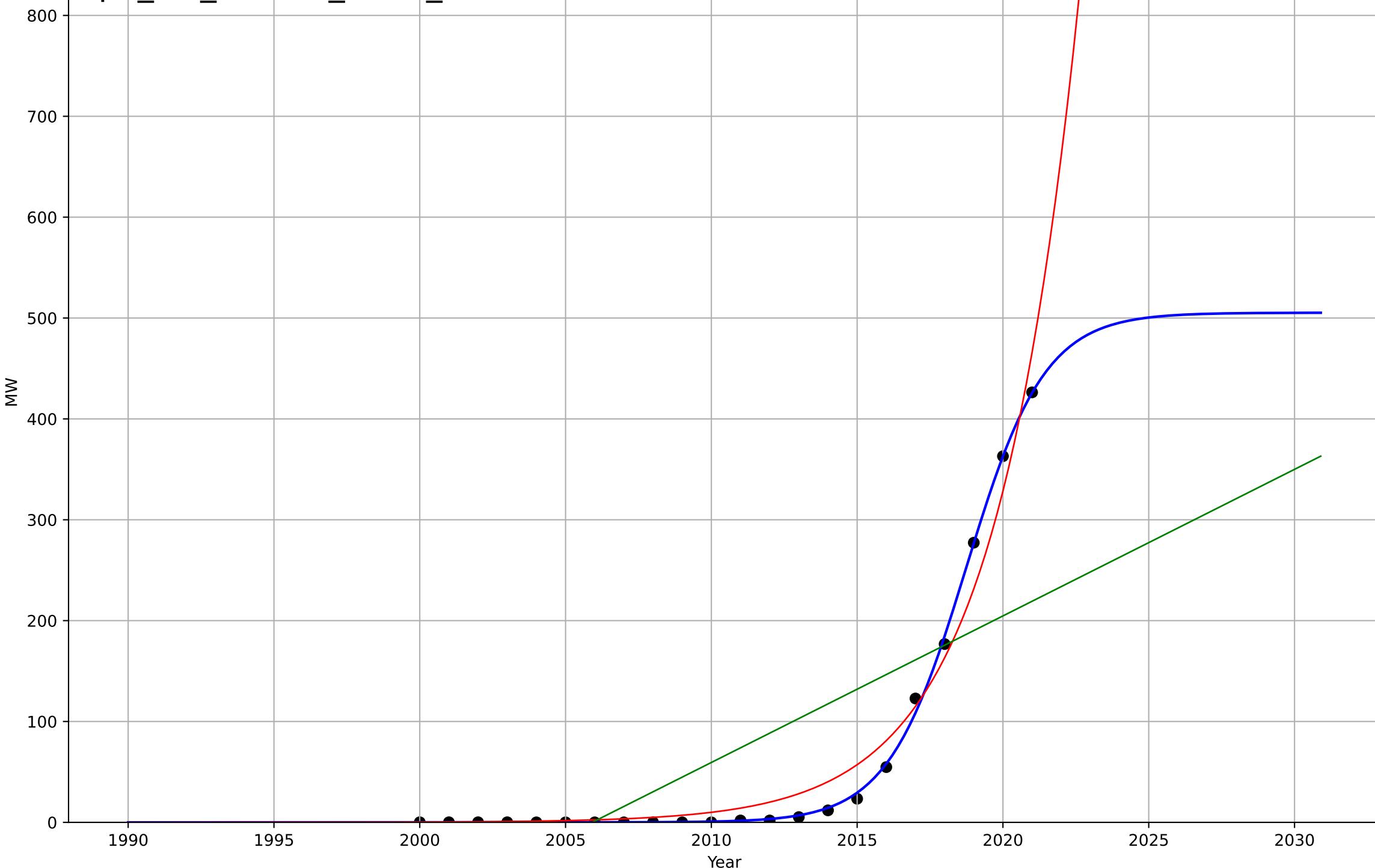
1.1 Adoption over Time

Installed electricity capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	t0=2019, Dt=5.91, K=505	0.744	0.999	0.999	3.84	1.82
Exponential	1.06e-05*exp(0.35*(x-1971))	0.35	0.974	0.971	20.2	14.3
Linear	intercept=-2.91e+04, slope=14.5	14.5	0.545	0.498	84.2	68.4

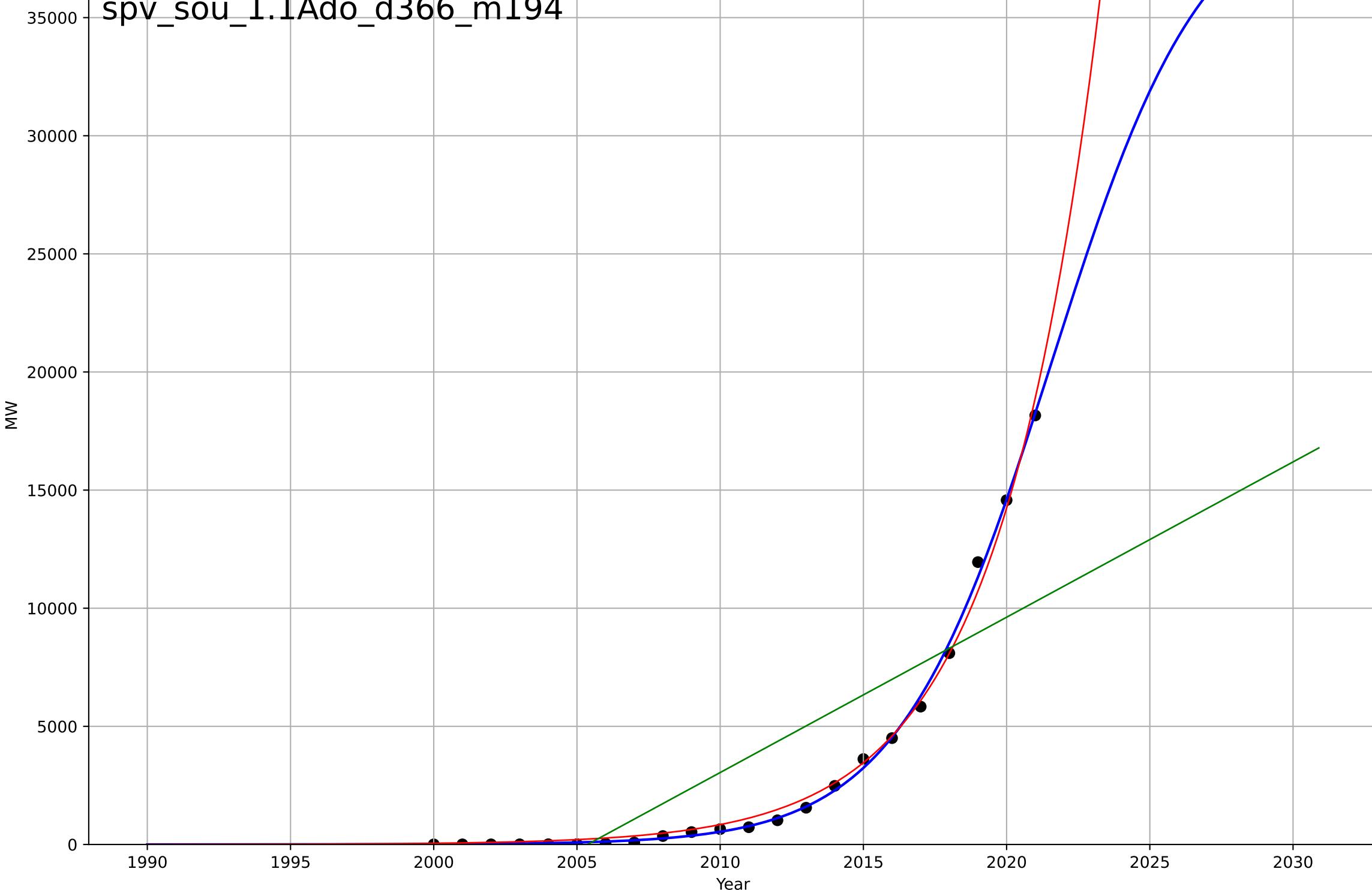
spv_lka_1.1Ado_d366_m194



solar photovoltaic
 South Korea
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=11.8, K=4.07e+04$	0.373	0.998	0.998	220	144
Exponential	$1.3e-09 \cdot \exp(0.283 \cdot (x-1914))$	0.283	0.995	0.994	373	262
Linear	intercept=-1.32e+06, slope=657	657	0.661	0.626	2.98e+03	2.47e+03

spv_sou_1.1Ado_d366_m194



solar photovoltaic

Taiwan

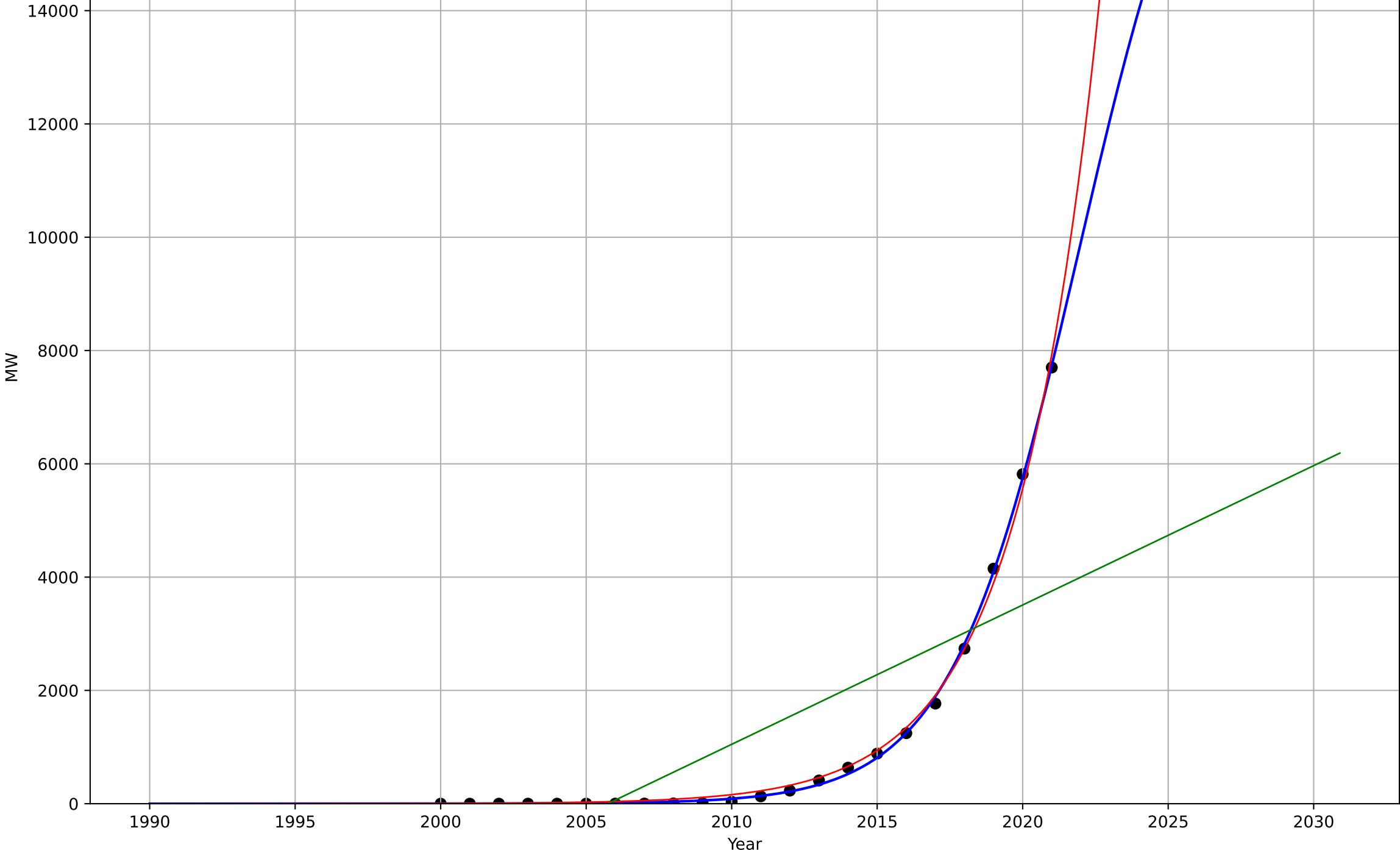
1.1 Adoption over Time

Installed electricity capacity

MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2022, D_t=9.71, K=1.95e+04$	0.453	0.999	0.999	52.6	37.8
Exponential	$1.85e-09 \cdot \exp(0.355 \cdot (x-1939))$	0.355	0.997	0.997	112	81
Linear	intercept=-4.93e+05, slope=246	246	0.571	0.526	1.35e+03	1.08e+03

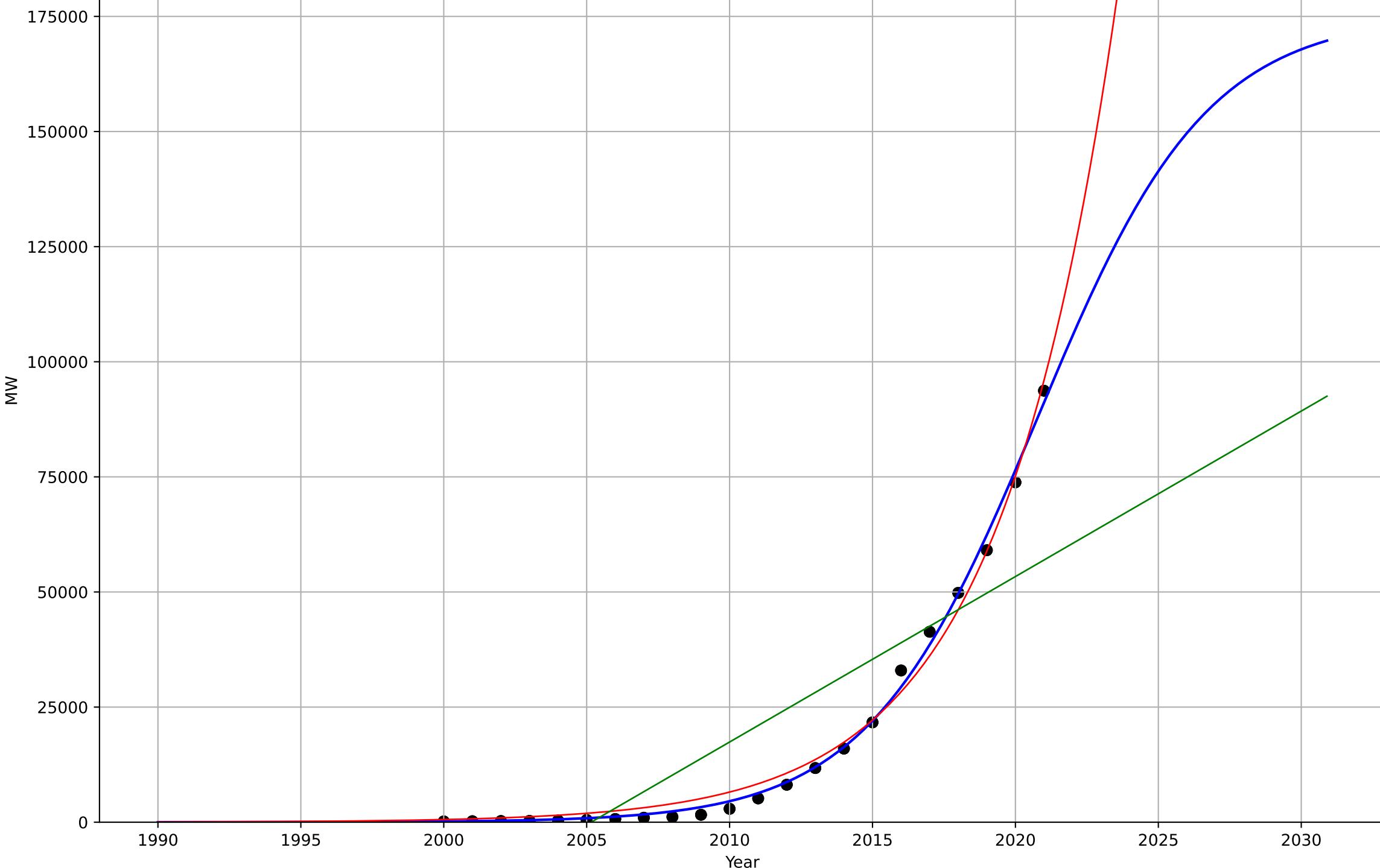
spv_twn_1.1Ado_d366_m194



solar photovoltaic
 United States
 1.1 Adoption over Time
 Installed electricity capacity
 MW

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=2021, D_t=13, K=1.75e+05$	0.337	0.997	0.996	1.59e+03	1.11e+03
Exponential	$9.27e-10 \cdot \exp(0.244 \cdot (x-1889))$	0.244	0.991	0.991	2.5e+03	2.08e+03
Linear	intercept=-7.21e+06, slope=3.59e+03	3.59e+03	0.721	0.713	1.42e+04	1.17e+04

spv_usa_1.1Ado_d366_m194



television

China

1.1 Adoption over Time

Cumulative Calculation

1e9

vis_chi_1.1Ado_d363_m196

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1995, D_t=14.1, K=5.49e+09$	0.312	0.999	0.999	4e+07	2.63e+07
Exponential	$5.8e-32 \cdot \exp(0.165 \cdot (x-1428))$	0.165	0.98	0.979	1.82e+08	1.39e+08
Linear	intercept=-1.65e+11, slope=8.35e+07	8.35e+07	0.603	0.582	8.01e+08	6.66e+08

1950

1960

1970

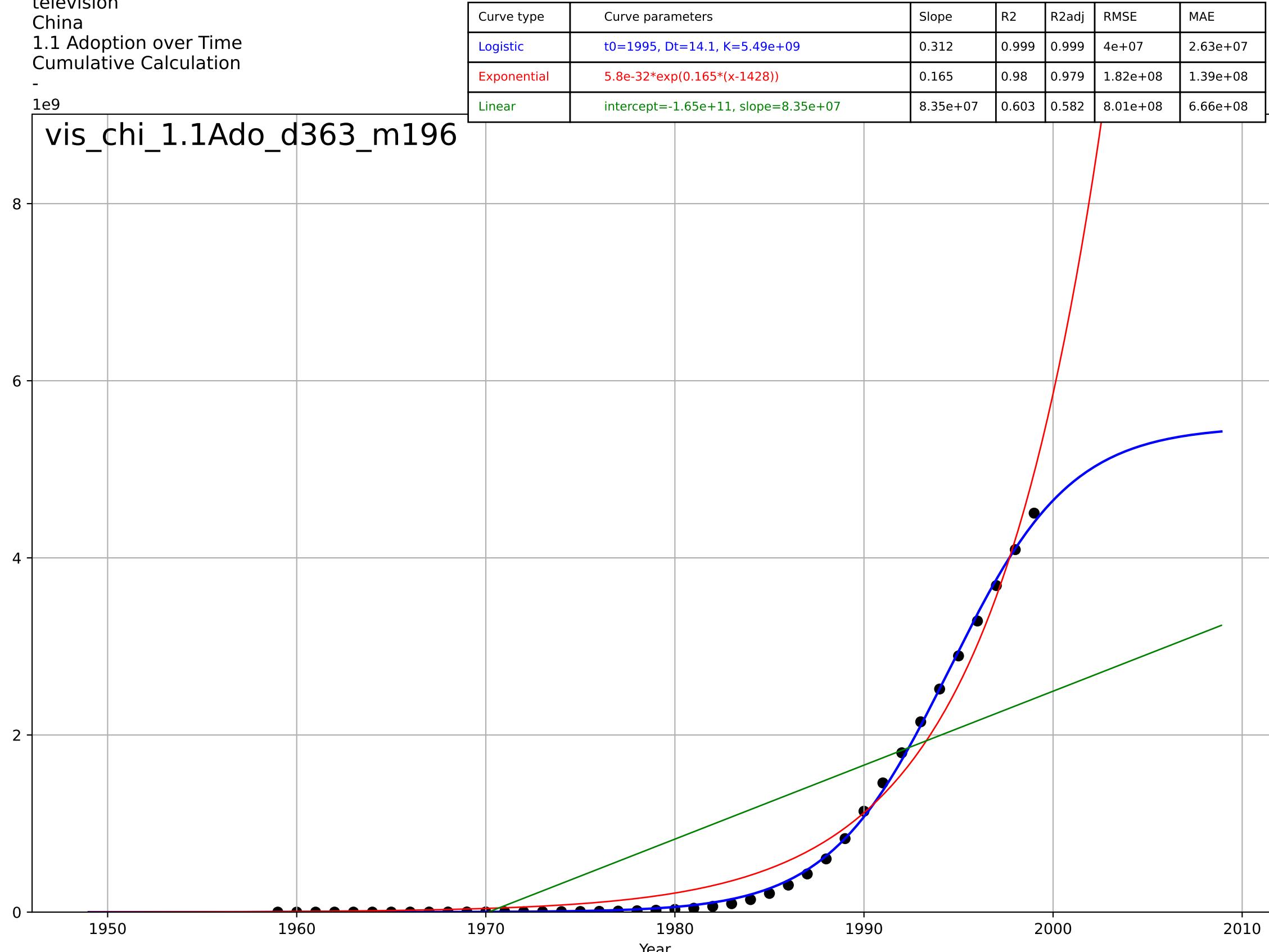
1980

1990

2000

2010

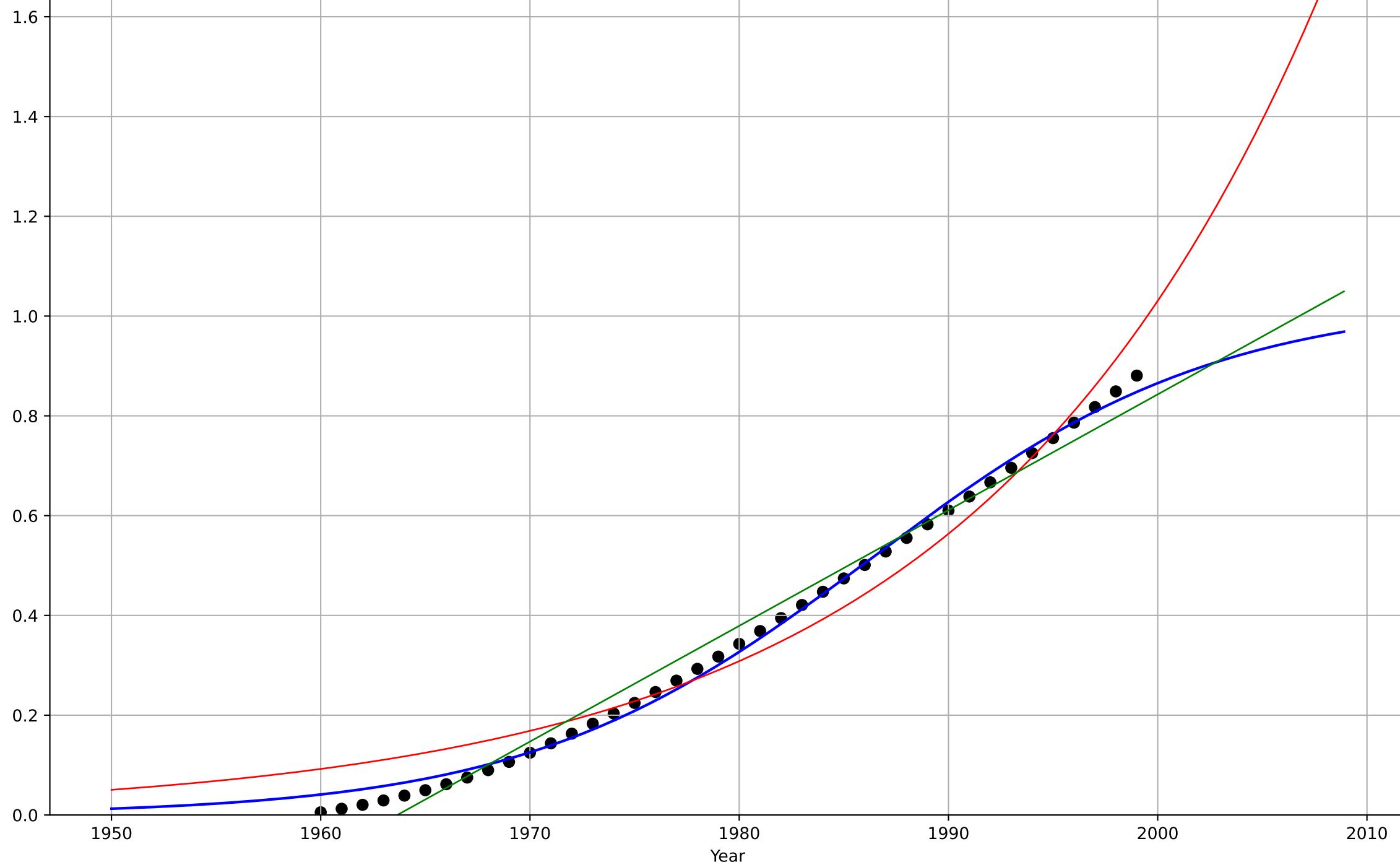
Year



television
 Denmark
 1.1 Adoption over Time
 Cumulative Calculation
 -
 1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1986, Dt=36.4, K=1.03e+08$	0.121	0.996	0.995	1.75e+06	1.51e+06
Exponential	$0.0255*\exp(0.0603*(x-1633))$	0.0603	0.963	0.961	5.19e+06	4.56e+06
Linear	intercept=-4.56e+09, slope=2.32e+06	2.32e+06	0.983	0.982	3.55e+06	2.98e+06

vis_den_1.1Ado_d363_m196



television

Finland

1.1 Adoption over Time

Cumulative Calculation

-

1e8

vis_fin_1.1Ado_d363_m196

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1992, Dt=39.2, K=1.06e+08$	0.112	0.996	0.995	1.66e+06	1.45e+06
Exponential	$0.0225*\exp(0.0637*(x-1655))$	0.0637	0.974	0.973	4.04e+06	3.58e+06
Linear	intercept=-3.9e+09, slope=1.98e+06	1.98e+06	0.961	0.959	4.94e+06	4.19e+06

1950

1960

1970

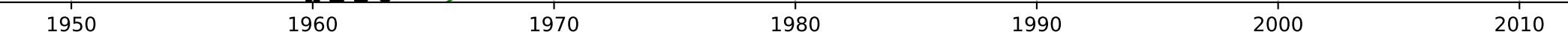
1980

1990

2000

2010

Year

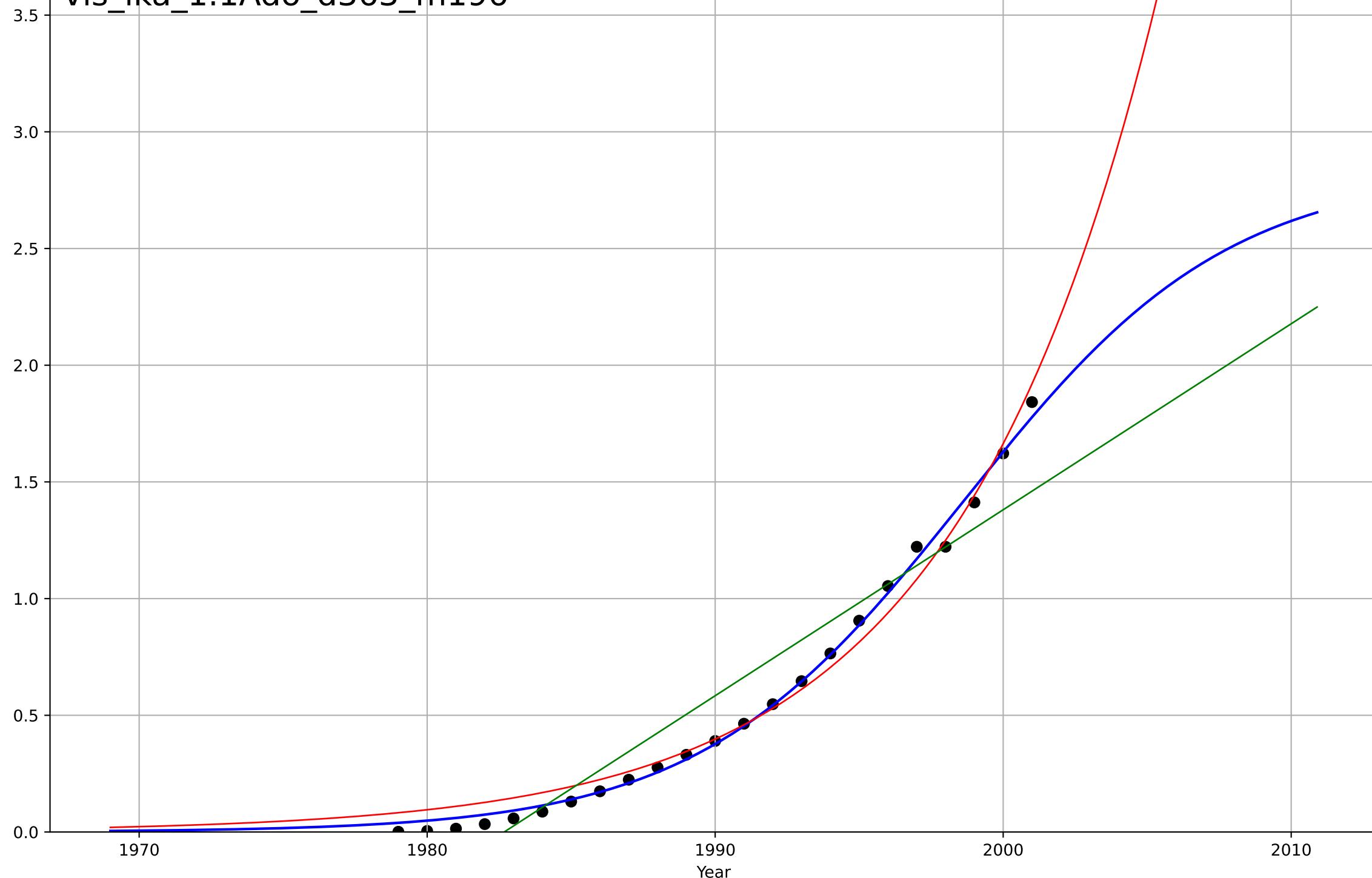


television
Sri Lanka
1.1 Adoption over Time
Cumulative Calculation

-
1e7

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1999, D_t=20.2, K=2.84e+07$	0.217	0.995	0.995	3.77e+05	2.9e+05
Exponential	$3.64e-07 \cdot \exp(0.143 \cdot (x-1780))$	0.143	0.984	0.983	6.95e+05	5.93e+05
Linear	intercept=-1.58e+09, slope=7.97e+05	7.97e+05	0.91	0.901	1.66e+06	1.39e+06

vis_lka_1.1Ado_d363_m196

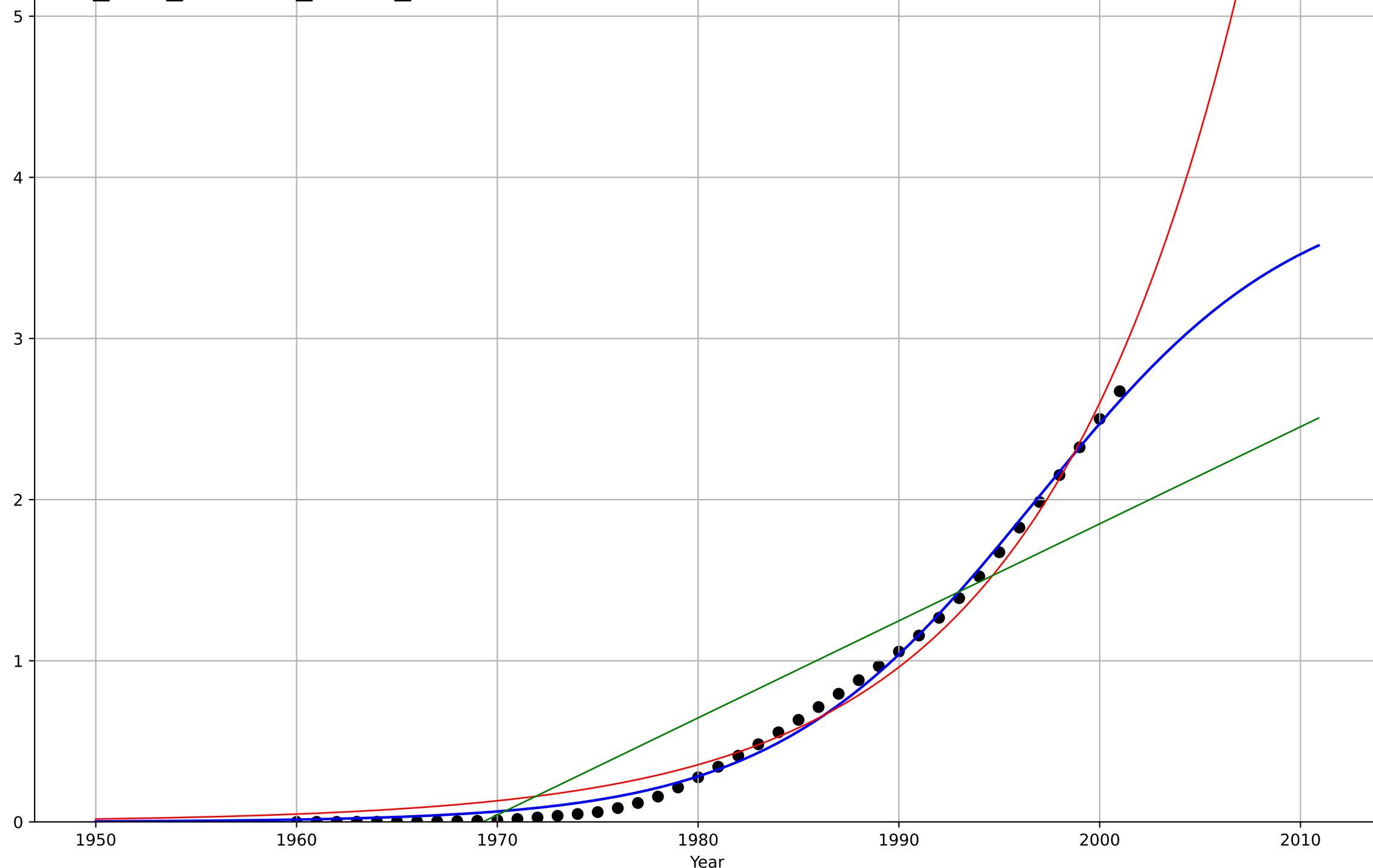


television
South Korea
1.1 Adoption over Time
Cumulative Calculation

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1997, D_t=28.7, K=3.99e+08$	0.153	0.997	0.996	4.66e+06	4.17e+06
Exponential	$7.8e-07 \cdot \exp(0.0996 \cdot (x-1664))$	0.0996	0.985	0.984	9.83e+06	8.93e+06
Linear	intercept=-1.19e+10, slope=6.02e+06	6.02e+06	0.832	0.823	3.28e+07	2.84e+07

1e8

vis_sou_1.1Ado_d363_m196



television

Taiwan

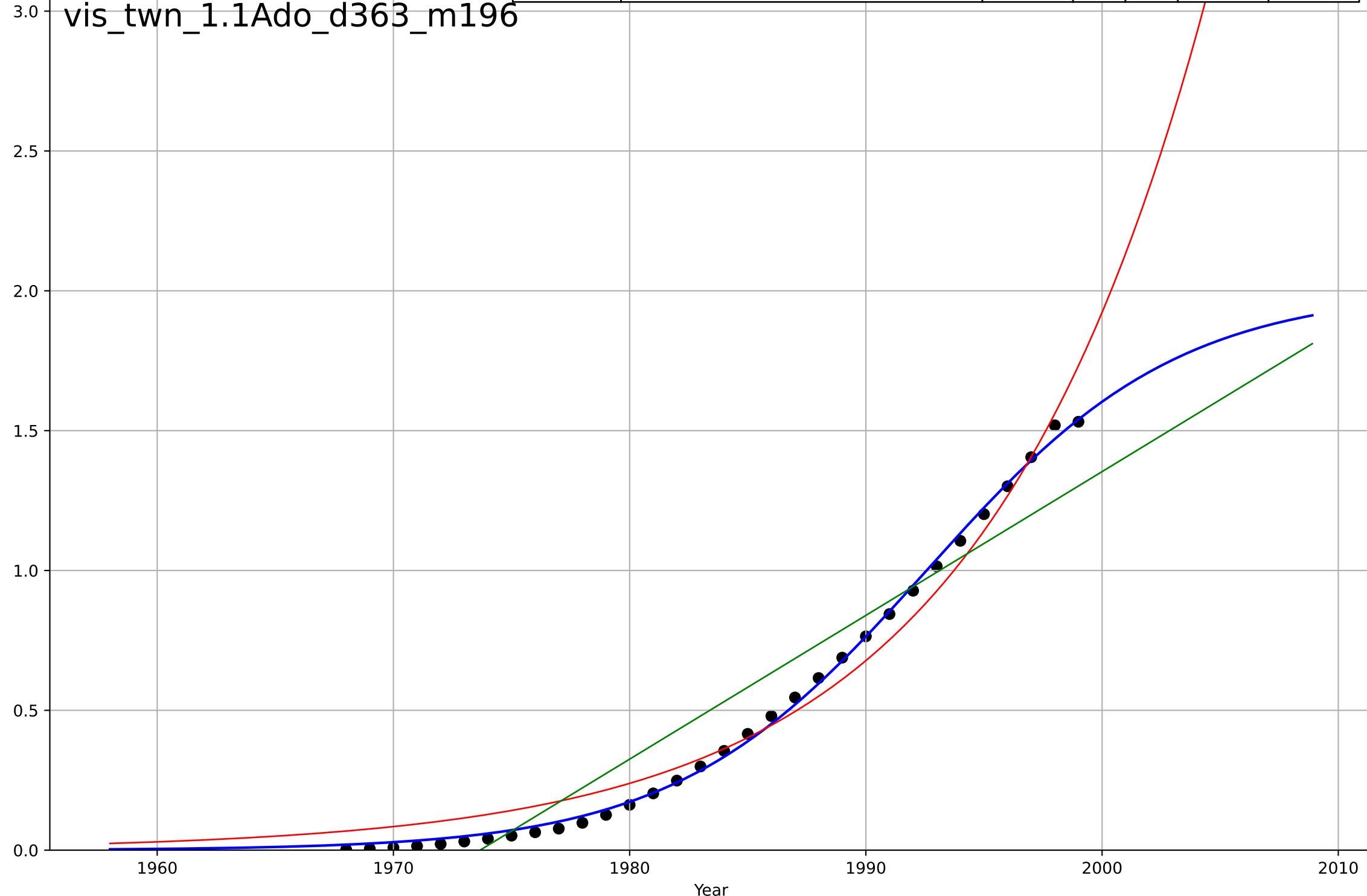
1.1 Adoption over Time

Cumulative Calculation

-
1e8

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1993, D_t=23.4, K=2e+08$	0.188	0.998	0.998	2.06e+06	1.86e+06
Exponential	$2.21e-06 \cdot \exp(0.104 \cdot (x-1692))$	0.104	0.975	0.973	7.87e+06	7.01e+06
Linear	intercept=-1.01e+10, slope=5.14e+06	5.14e+06	0.907	0.901	1.52e+07	1.33e+07

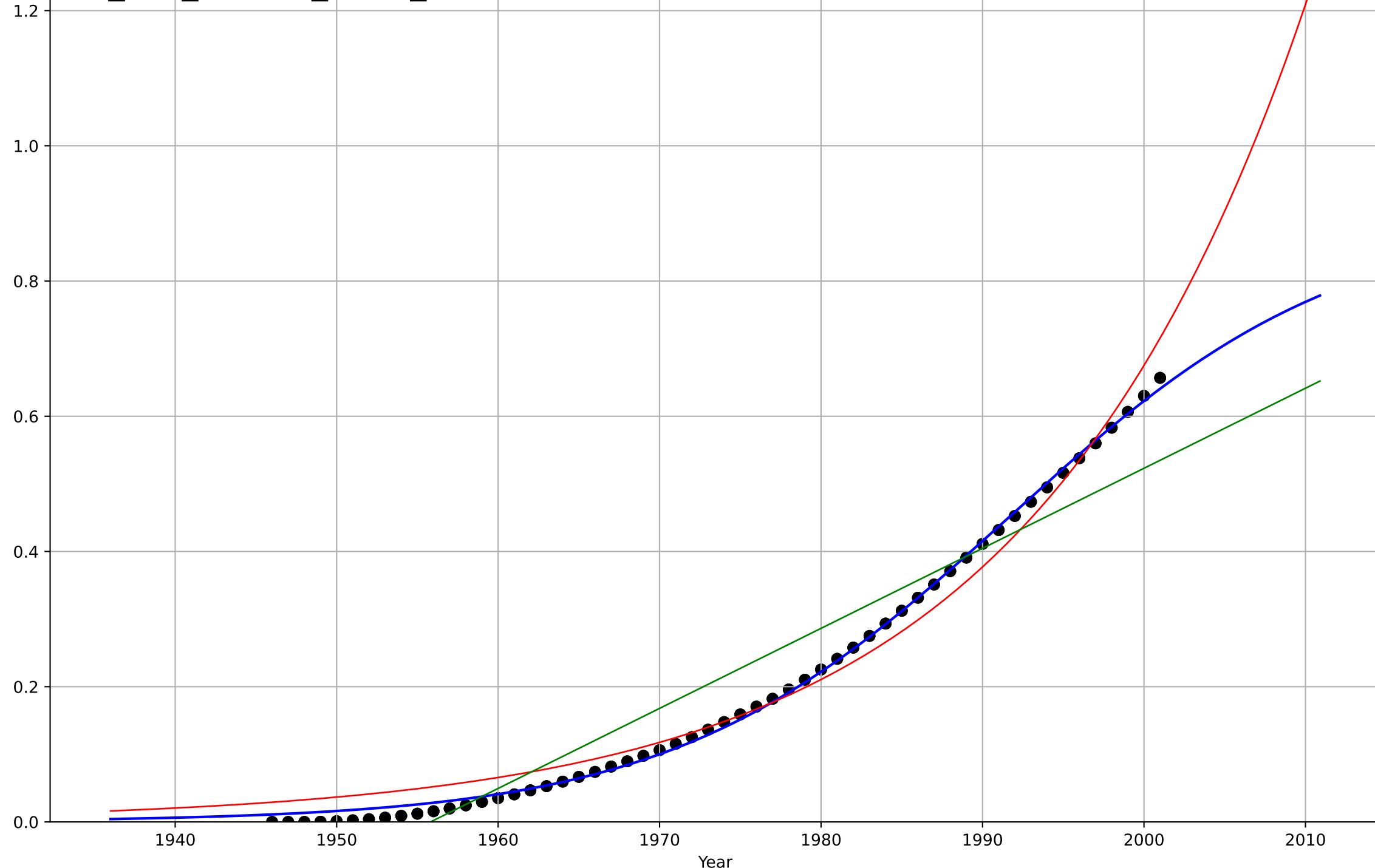
vis_twn_1.1Ado_d363_m196



television
 United States
 1.1 Adoption over Time
 Cumulative Calculation
 -
 1e10

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1992, Dt=45.7, K=9e+09$	0.0962	0.998	0.998	8.05e+07	6.62e+07
Exponential	$1.26e-15 \cdot \exp(0.0582 \cdot (x-1023))$	0.0582	0.981	0.981	2.72e+08	2.42e+08
Linear	intercept=-2.32e+11, slope=1.18e+08	1.18e+08	0.916	0.915	5.79e+08	5e+08

vis_usa_1.1Ado_d363_m196



washing machines

United States

1.1 Adoption over Time

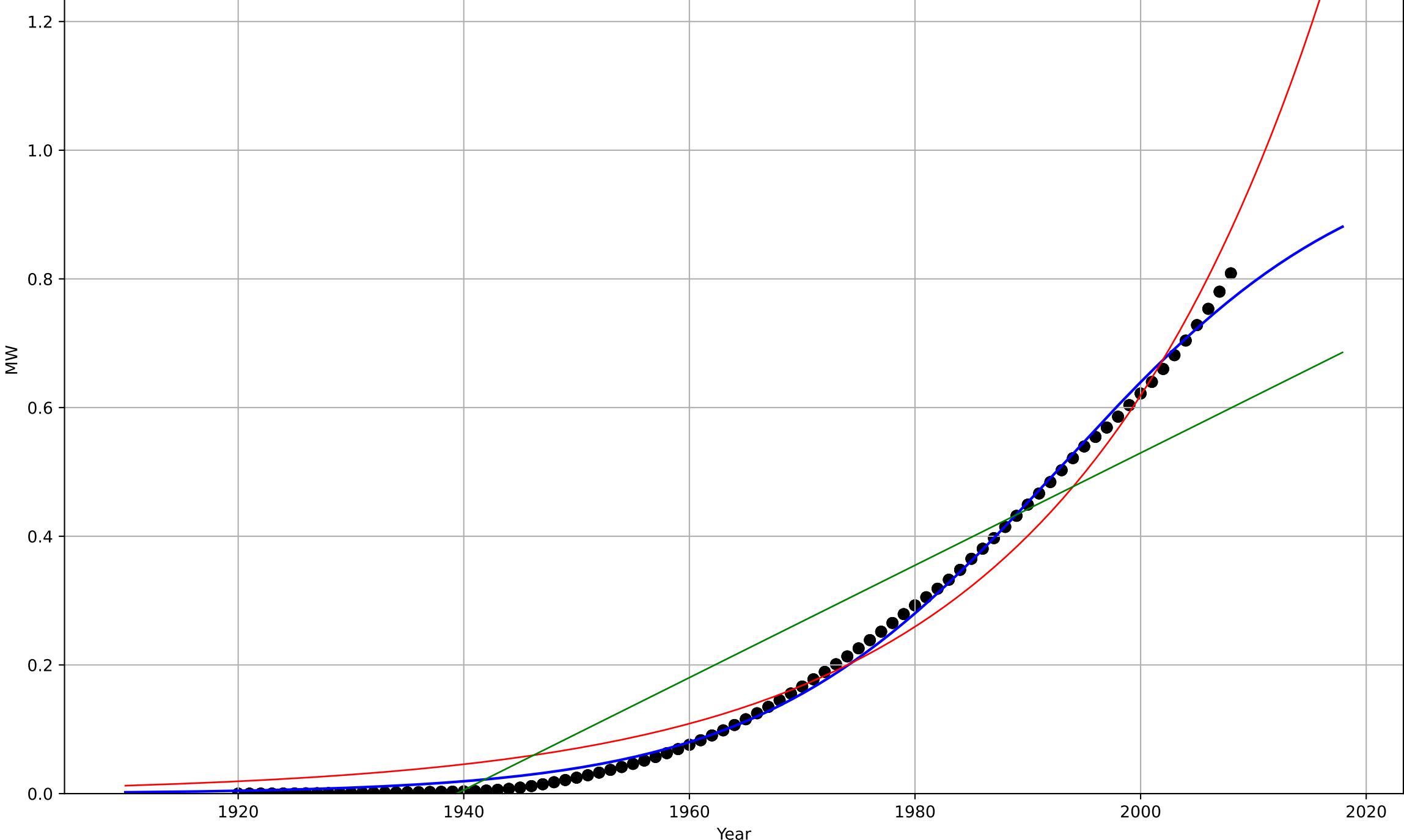
Cumulative Total Capacity

MW

1e6

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t_0=1993, D_t=58.9, K=1.02e+06$	0.0746	0.997	0.997	1.21e+04	1.03e+04
Exponential	$1.76 \cdot \exp(0.0435 \cdot (x - 1706))$	0.0435	0.979	0.979	3.51e+04	3.22e+04
Linear	intercept=-1.69e+07, slope=8.73e+03	8.73e+03	0.86	0.859	9.04e+04	7.87e+04

wam_usa_1.1Ado_d361_m194



wet flue gas desulfurization systems

United States

1.1 Adoption over Time

Cumulative Total Capacity

GWe

Curve type	Curve parameters	Slope	R2	R2adj	RMSE	MAE
Logistic	$t0=1984, Dt=20, K=83.8$	0.22	0.973	0.972	4.58	4.11
Exponential	$0.413 \cdot \exp(0.0673 \cdot (x-1917))$	0.0673	0.888	0.885	9.32	7.92
Linear	intercept=-6.74e+03, slope=3.42	3.42	0.981	0.98	3.85	3.27

wfg_usa_1.1Ado_d361_m197

