

Table S1. Frequency statistics of typical keywords of China's NEVs policy.

Dimension	Keywords	Stage 1	Stage 2	Stage 3	Stage 4
Themes	Energy saving	713	301	234	243
	Technology	310	242	365	435
	Transportation	63	25	67	78
	Replacing oil with electricity	5	--	--	--
	Structural adjustment	--	12	--	--
	Market concentration	--	18	--	--
	Public service	--	20	65	78
	Private purchase	--	--	72	83
	Innovation	--	--	354	365
	Pure electric drive	--	--	56	167
	Industrial classification	--	--	--	231
	Industrialization level	--	--	--	241
	Recycle and re-use	--	--	--	231
objectives	NEVs related concept*	66	41	--	--
	NEVs	--	286	742	987
	power battery	--	--	102	453
processes	Whole vehicle	55	45	36	67
	Auto parts	58	39	32	40
	Investment	19	21	41	45
	RD	4	9	32	42
	Investment management	--	42	44	43
	Production permission	--	46	50	43
	Product design	--	15	32	37
	Product review	--	29	23	32
	After-sales service	--	14	20	41
	Core technologies	--	--	231	271
	Integrated platform construction	--	--	145	150
	Methanol vehicles related process	--	--	--	234
Measures	Guidance catalogs	25	23	22	24
	National standards	9	5	--	--
	Fuel tax reforms	4	4	--	--
	Official car reforms	7	4	8	10
	Industry standard system**	--	60	237	342
	Pilot	--	20	324	356
	Demonstration projects	--	30	325	234
	Supervision and management	--	--	295	267
	Fiscal and tax subsidies	--	--	345	354

--notes policy does not involve this topic. * includes energy-saving and environmentally-friendly vehicles, small-displacement vehicles, new fuel vehicles, new power vehicles, clean fuel vehicles, and electric vehicles. **is but not limited to automobile fuel consumption limit standards, automobile fuel

economy standards, energy-saving standards, mandatory declaration, announcement, and labeling system performance, and so on.