

Supplementary Materials: Foreign Trade Structure, Opening Degree and Economic Growth in Western China

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Table S1. Data on economic variables of provinces in Western China from 2006 to 2016, including: primary product share, labour intensive product share, capital technology intensive products share, opening degree, economic growth, tourism income, number of foreign invested enterprises, investment in fixed assets of the whole society, urbanization level, industrial structure, railway mileage, technology import cost and total exports.

year	province	Province	lnGDP	fdir	primary	labour	capital	export	Tech import	tourist	fdifirm	Infixedinvest	urban	railway	industr	X1	X2	X3
		code																
2006	Sichuan	1	9.069956	1.121987	4.088684	20.45665	75.45467	534.5749	4.3922	979.6	0.4491	8.392283	34.3004	0.3	43.44115	4.58745	22.95209	84.65915
2007	Sichuan	1	9.265055	1.103729	3.314639	19.82219	76.86317	672.0727	7.6998	1217.3	0.4247	8.637604	35.59739	0.3	44.01267	3.658464	21.87833	84.83611
2008	Sichuan	1	9.44155	1.78905	2.908315	17.98718	79.10451	956.8235	6.8393	1344.9	0.9398	8.871759	37.40477	0.3	46.21287	5.203121	32.17996	141.5219
2009	Sichuan	1	9.55756	1.734287	2.165217	19.94344	77.89135	967.5072	7.4881	1472.5	1.1521	9.338898	38.70495	0.33	47.42942	3.755108	34.58765	135.086
2010	Sichuan	1	9.75182	2.393908	1.825575	22.4209	75.75352	1286.758	7.5453	1886.1	1.205	9.481643	40.17402	0.35	50.46225	4.37026	53.67358	181.347
2011	Sichuan	1	9.953547	2.985773	1.726608	18.44882	79.82458	1923.259	4.563	2449.2	1.0026	9.562561	41.82609	0.35	52.45303	5.155259	55.08398	238.3381
2012	Sichuan	1	10.0805	2.586512	2.300491	64.82521	32.8743	2423.111	19.6473	3280.3	0.9107	9.743319	43.5364	0.35	51.66248	5.950246	167.6712	85.02976
2013	Sichuan	1	10.18082	9.997208	1.915656	63.88887	34.19548	646.8598	3.3892	3877.4	0.9147	9.919662	44.89947	0.35	51.04583	19.15121	638.7103	341.8593
2014	Sichuan	1	10.25895	9.652069	1.968385	67.01337	31.01825	631.9492	3.1626	4891	1.0253	10.05701	46.30221	0.4	48.92798	18.99899	646.8177	299.3902
2015	Sichuan	1	10.31072	6.858388	2.670321	67.60065	29.72903	622.5952	3.193	6210.5	1.0594	10.14745	47.68406	0.44	44.08224	18.3141	463.6315	203.8932
2016	Sichuan	1	10.39453	5.68184	2.656845	76.82929	20.51386	529.8476	3.3249	7705.5	1.037	10.26855	49.21327	0.46	41.15274	15.09577	436.5317	116.5565
2006	Mongolia	2	8.505981	2.841174	11.81332	27.58402	60.60267	172.8153	1.6138	279.71	0.103	8.120651	48.65424	0.64	48.03479	33.56369	78.37099	172.1827
2007	Mongolia	2	8.767669	2.611951	13.74897	20.4777	65.77333	230.1131	1.4832	390.77	0.1071	8.383177	50.14409	0.67	49.72101	35.91163	53.48674	171.7967
2008	Mongolia	2	9.047374	2.277411	8.351475	17.53849	74.11003	261.2892	1.6701	468.85	0.2326	8.608022	51.71849	0.68	51.50762	19.01974	39.94236	168.779
2009	Mongolia	2	9.184022	2.09437	11.48386	38.59378	49.92236	158.3079	2.422	611.35	0.3675	8.900657	53.41741	0.81	52.50379	24.05146	80.82964	104.5559
2010	Mongolia	2	9.364948	1.979962	9.260367	21.72821	69.01143	227.7069	3.0773	732.7	0.3693	9.096775	55.50162	0.89	54.55526	18.33517	43.02102	136.64
2011	Mongolia	2	9.572194	1.769869	8.015783	20.78592	71.19829	310.3649	24.9865	889.55	0.3601	9.246206	56.60758	0.92	55.97324	14.18688	36.78836	126.0116
2012	Mongolia	2	9.672852	1.564332	12.15167	29.46283	58.3855	250.1423	1.9656	1128.51	0.3114	9.38225	57.751	0.95	55.42304	19.00924	46.08963	91.33427
2013	Mongolia	2	9.736045	1.726887	14.54964	28.44214	57.00822	257.4104	17.5464	1403.46	0.2925	9.56222	58.68695	1.02	53.81775	25.1256	49.11637	98.44677
2014	Mongolia	2	9.785278	1.374935	10.24075	28.32229	61.43696	392.8321	15.332	1805.3	0.3036	9.77519	59.52096	1.02	51.32072	14.08037	38.94132	84.47186
2015	Mongolia	2	9.788722	1.175818	14.75587	26.83343	58.4107	353.3645	10.1941	2257.1	0.2967	9.525313	60.2947	1.21	50.4757	17.35021	31.55121	68.68033
2016	Mongolia	2	9.805219	1.453442	20.76353	20.55965	58.67682	296.9772	7.4786	2714.7	0.3362	9.621125	61.19048	1.2	47.18437	30.17859	29.88227	85.28336
2006	Shaanxi	3	8.464554	1.573495	25.04487	10.73524	64.21989	292.916	2.3206	418	0.2863	7.816292	39.11868	0.32	51.69987	39.40799	16.89184	101.0497
2007	Shaanxi	3	8.658222	1.620723	27.28663	9.228403	63.48497	364.7914	2.9276	504	0.3175	8.135939	40.61489	0.32	51.87267	44.22407	14.95669	102.8916
2008	Shaanxi	3	8.897625	1.366735	22.32006	7.74399	69.93596	392.7667	4.5975	607	0.4312	8.436942	42.09252	0.32	52.78663	30.50561	10.58398	95.58393
2009	Shaanxi	3	9.0082	1.264051	15.10009	8.957274	75.94264	272.6579	4.225	767	0.5097	8.739841	43.49343	0.33	51.85464	19.08727	11.32245	95.99534
2010	Shaanxi	3	9.222613	1.227597	10.91262	7.253814	81.83356	423.87	3.4735	984	0.5378	8.982645	45.75636	0.41	53.79672	13.3963	8.904759	100.4586
2011	Shaanxi	3	9.434467	1.246174	12.11654	7.077796	80.80567	464.2234	7.6171	1324	0.5765	9.151766	47.28827	0.41	55.43018	15.09932	8.820168	100.6979
2012	Shaanxi	3	9.578704	1.279789	3.248386	14.33863	82.41299	545.0708	1.3804	1713	0.5983	9.396363	50.01332	0.41	55.86031	4.157249	18.35042	105.4712
2013	Shaanxi	3	9.693103	1.427515	2.662377	9.610731	87.72689	643.1954	2.2045	2135	0.6443	9.608052	51.30181	0.44	54.99594	3.800583	13.71946	125.2314
2014	Shaanxi	3	9.780751	1.449959	4.597015	6.935412	88.46757	855.4836	3.7657	2521	0.6782	9.752195	52.58278	0.45	54.13947	6.665484	10.05606	128.2744
2015	Shaanxi	3	9.799341	1.597091	3.74913	4.242145	92.00872	918.4651	2.3262	3006	0.6017	9.829962	53.91511	0.45	50.39508	5.987704	6.775094	146.9463
2016	Shaanxi	3	9.873007	1.716003	3.998372	2.910117	93.09151	1045.066	2.4595	3813.43	0.5953	9.943922	55.33701	0.46	48.92227	6.861216	4.993768	159.7453
2006	Ningxia	4	6.587412	0.413349	2.801779	18.94518	78.25304	75.3664	1.1629	25.67	0.0375	6.212105	43.04636	0.08	48.43367	1.158113	7.830971	32.34582
2007	Ningxia	4	6.823406	0.428713	3.063712	14.5413	82.39499	83.203	1.1148	31.64	0.0285	6.396596	44.09836	0.08	49.50876	1.313453	6.234046	35.3238
2008	Ningxia	4	7.093338	0.378222	2.845307	11.5009	85.6538	88.1241	16.2122	40.32	0.0637	6.720039	44.98382	0.08	50.66616	1.076158	4.349892	32.39615
2009	Ningxia	4	7.210309	0.352972	4.692607	15.12765	80.17975	50.7607	2.6351	53.1	0.0669	6.980922	46.08	0.09	48.94075	1.656358	5.339633	28.30119
2010	Ningxia	4	7.432277	0.326928	5.701468	13.40316	80.89537	79.4462	1.3876	67.8	0.0529	7.275283	47.8673	0.12	48.99891	1.863968	4.381863	26.44693
2011	Ningxia	4	7.650745	0.636224	4.1132	13.8046	82.0822	103.304	1.9132	84.21	0.0579	7.405338	49.92175	0.13	50.23999	2.616917	8.782818	52.22268
2012	Ningxia	4	7.758457	0.587147	3.947843	19.38878	76.66337	103.6718	1.0467	103.39	0.0476	7.648215	50.69552	0.13	49.51843	2.317965	11.38407	45.01268
2013	Ningxia	4	7.854602	0.361486	3.414957	21.41739	75.16765	158.0664	0.316	127.3	0.0488	7.882745	51.98777	0.13	48.86734	1.23446	7.742093	27.17207
2014	Ningxia	4	7.92012	0.20633	4.744702	16.28891	78.96638	264.1367	3.8875	142.7	0.0538	8.062682	53.62538	0.13	48.73515	0.978974	3.360889	16.29312
2015	Ningxia	4	7.976516	0.398696	18.70191	3.738991	77.5591	184.1299	22.2124	161.3	0.0584	8.162074	55.23952	0.13	47.38012	7.456378	1.490721	30.92252
2016	Ningxia	4	8.061042	0.531683	6.205881	14.59594	79.19818	164.6431	0.0857	210.02	0.0651	8.241242	56.2963	0.13	46.97484	3.299564	7.760416	42.10836
2006	Chongqing	5	8.270584	1.437452	3.61261	10.66121	85.72618	170.9438	7.1348	346.18	0.136	7.786286	46.68803	0.13	47.90222	5.192954	15.32498	123.2273
2007	Chongqing	5	8.450226	1.717308	3.000415	10.49158	86.50801	229.3582	11.9764	444.12	0.1519	8.048066	48.29546	0.13	50.6515	5.152636	18.01727	148.5609

2008	Chongqing	5	8.66452	3.089295	3.508315	9.454781	87.0369	277.3403	13.7434	561.53	0.4333	8.288934	49.98239	0.13	52.77804	10.83822	29.20861	268.8827
2009	Chongqing	5	8.784164	3.534317	3.504726	12.60898	83.8863	234.3969	14.6722	703.23	0.4447	8.559156	51.59147	0.13	52.81416	12.38681	44.56412	296.4808
2010	Chongqing	5	8.977851	2.621316	2.628239	16.0524	81.31936	337.1436	14.171	916.16	0.4827	8.808206	52.99827	0.14	55.00064	6.889445	42.07841	213.1637
2011	Chongqing	5	9.211477	3.853139	1.280368	23.19738	75.52225	621.0788	18.1504	1263.74	0.3985	8.919103	55.01884	0.14	55.36745	4.933434	89.38274	290.9978
2012	Chongqing	5	9.34221	1.945965	0.759396	28.8923	70.34831	921.9031	18.4395	1662.15	0.4461	9.075231	56.97793	0.15	52.36976	1.477759	56.22341	136.8954
2013	Chongqing	5	9.455892	2.038726	0.883094	21.40042	77.71649	1377.86	25.7159	1832.76	0.5397	9.252944	58.35017	0.17	45.46798	1.800386	43.62959	158.4426
2014	Chongqing	5	9.565396	1.82333	0.539474	29.68872	69.77181	1968.208	31.561	2003.37	0.5147	9.416169	59.61217	0.18	45.77749	0.983638	54.13232	127.217
2015	Chongqing	5	9.662515	1.494691	0.753776	20.55695	78.68928	1201.248	36.0485	2251.31	0.5009	9.571731	60.92145	0.19	44.97836	1.126662	30.72629	117.6162
2016	Chongqing	5	9.783611	0.98332	1.380503	11.12602	87.49348	1466.427	37.6013	2645.21	0.5555	9.683346	62.59843	0.21	44.52456	1.357476	10.94044	86.03407
2006	Gansu	6	7.730768	0.10468	2.801779	18.94518	78.25304	121.7995	2.699	80.17	0.0431	6.930094	31.09541	0.24	45.80719	0.293291	1.983187	8.191553
2007	Gansu	6	7.90248	0.340763	3.296649	14.80235	81.901	129.5395	3.3583	115.75	0.0398	7.173314	32.2606	0.24	47.31248	1.123378	5.0441	27.90887
2008	Gansu	6	8.060483	0.296011	2.845306	11.50094	85.65375	116.952	4.7516	137.552	0.2142	7.445873	33.55547	0.24	46.42954	0.842243	3.404409	25.35448
2009	Gansu	6	8.127865	0.270093	4.692607	15.12765	80.17975	50.28461	5.7359	192.75	0.2045	7.767687	34.8728	0.24	45.08378	1.267439	4.085869	21.65597
2010	Gansu	6	8.323791	0.224044	15.84504	22.20967	61.94529	111.8422	5.9894	237.2	0.2116	8.057802	36.13281	0.24	48.17012	3.549978	4.975934	13.87844
2011	Gansu	6	8.521259	0.092641	13.55277	22.90449	63.54274	144.7016	5.3317	333.72	0.2177	8.28546	37.16849	0.24	47.36364	1.255547	2.121904	5.88669
2012	Gansu	6	8.639446	0.068128	8.774592	45.45949	45.76592	225.1435	4.3646	471.06	0.2262	8.545781	38.75097	0.25	46.01766	0.597794	3.097058	3.117935
2013	Gansu	6	8.753165	0.070828	5.479559	35.95426	58.56618	294.2806	3.9569	620.18	0.2229	8.783847	40.12394	0.26	43.36573	0.388109	2.546583	4.148149
2014	Gansu	6	8.830078	0.090136	8.105797	49.67871	42.21549	327.4585	2.7626	780.22	0.2282	8.972607	41.68275	0.34	42.80426	0.730627	4.477856	3.805148
2015	Gansu	6	8.823253	0.101227	7.922947	35.20199	56.87507	361.9809	2.1378	975.38	0.213	9.077292	43.19231	0.38	36.7401	0.802019	3.563404	5.757313
2016	Gansu	6	8.881888	0.106899	14.74898	32.55681	52.69421	268.1775	0.1298	1220.46	0.2079	9.176162	44.67433	0.41	34.93654	1.576646	3.480279	5.632939
2006	Guizhou	7	7.75747	0.323777	6.134355	41.64757	52.21807	83.8284	0.831	387.08	0.0601	7.087933	27.45258	0.2	41.3659	1.986162	13.48452	16.907
2007	Guizhou	7	7.966972	0.342463	4.945704	35.38574	59.66856	114.3871	0.6179	514.12	0.0603	7.305726	28.2489	0.2	38.99955	1.693722	12.11831	20.43428
2008	Guizhou	7	8.177954	0.305465	5.5607	39.62932	54.80998	138.7537	1.3595	652.35	0.2201	7.530721	29.11568	0.2	38.46713	1.6986	12.10538	16.74254
2009	Guizhou	7	8.271978	0.233512	10.54352	22.12122	67.33527	92.88067	0.2421	805.12	0.1966	7.78822	29.88408	0.2	37.73935	2.462034	5.165563	15.72357
2010	Guizhou	7	8.434281	0.438366	9.609822	22.34023	68.04995	131.1118	1.3472	1061.45	0.1936	8.040743	33.80282	0.2	39.11337	4.212619	9.793198	29.83078
2011	Guizhou	7	8.648544	0.598541	7.353789	21.44542	71.20079	197.6577	0.4946	1429.64	0.2029	8.351356	34.96685	0.21	38.48459	4.401547	12.83597	42.61662
2012	Guizhou	7	8.832325	0.451586	5.853494	55.148	38.99851	311.9954	0.2427	1860.13	0.1688	8.651339	36.42365	0.21	39.07563	2.643356	24.90406	17.61118
2013	Guizhou	7	8.997996	0.448562	3.792625	71.00119	25.20619	433.1075	0.1857	2370.67	0.1386	8.905661	37.83552	0.21	40.51313	1.701228	31.84844	11.30654
2014	Guizhou	7	9.134149	0.308685	3.03969	67.0868	29.87351	577.2549	1.3099	2895.97	0.1515	9.107837	40.02281	0.24	41.62829	0.938306	20.70868	9.221502
2015	Guizhou	7	9.259374	0.248725	3.354304	55.3674	41.2783	619.6399	0.6562	3512.97	0.1662	9.300687	42.01133	0.28	39.49351	0.834301	13.77128	10.26696
2016	Guizhou	7	9.373881	0.545626	10.24352	32.77845	56.97804	315.0303	0.1027	5028.72	0.1511	9.488275	44.16315	0.33	39.65048	5.589134	17.88478	31.08872
2006	Guangxi	8	8.465091	0.760743	11.1292	37.67773	51.19308	2287.903	1.914	336.2	0.2611	7.695631	34.64717	0.27	39.58063	8.466458	28.66306	38.94477
2007	Guangxi	8	8.669641	0.916968	4.263901	41.23768	54.49842	2975.76	0.818	443.88	0.2468	7.986053	36.24161	0.27	41.64725	3.909861	37.81364	49.97331
2008	Guangxi	8	8.856661	1.009728	9.050922	41.46253	49.48655	3664.09	1.0792	533.7	0.4297	8.231219	38.16445	0.27	43.26649	9.138967	41.86587	49.96794
2009	Guangxi	8	8.956629	0.912243	9.037467	41.6105	49.35204	3907.599	0.2758	743.3	0.4391	8.56355	39.20923	0.31	43.58126	8.244367	37.95889	45.02106
2010	Guangxi	8	9.166373	0.650713	9.240355	32.23644	58.52321	4376.076	0.3875	952.9	0.5327	8.861855	40	0.32	47.14473	6.012821	20.97668	38.08182
2011	Guangxi	8	9.369126	0.572734	8.808857	28.87523	62.31592	5239.559	1.5298	1277.8	0.465	8.986029	41.8084	0.32	48.42064	5.045134	16.53783	35.69046
2012	Guangxi	8	9.475401	0.361778	9.350862	35.3133	55.33584	6125.379	0.2619	1659.7	0.3773	9.191015	43.52841	0.32	47.92775	3.382937	12.77558	20.01929
2013	Guangxi	8	9.578443	0.304728	7.882033	36.60978	55.50819	7169.093	0.3599	2057.1	0.3756	9.384938	44.81882	0.4	46.58385	2.401878	11.15604	16.91491
2014	Guangxi	8	9.659688	0.392404	7.647782	29.15958	63.19264	9181.733	1.2392	2601.2	0.3949	9.535551	46.00337	0.47	46.7365	3.001023	11.44235	24.79707
2015	Guangxi	8	9.72932	0.638322	6.598466	35.15001	58.25152	10836.55	0.5697	3254.2	0.4215	9.69448	47.06005	0.51	45.92909	4.211946	22.43703	37.18324
2016	Guangxi	8	9.81562	0.322168	7.034379	30.51987	62.44575	10121.76	0.421	4191.36	0.4485	9.811196	48.07772	0.52	45.16772	2.26625	9.832515	20.118
2006	Qinghai	9	6.474662	3.422213	4.960354	91.38853	3.651116	43.11262	0.005	36.069	0.0123	6.01259	39.23358	0.17	51.18119	16.97539	312.751	12.49489
2007	Qinghai	9	6.681294	3.035384	2.521743	92.46008	5.018177	30.12915	0.245	47.24	0.0151	6.179685	40.03623	0.17	52.55283	7.654458	280.6518	15.23209
2008	Qinghai	9	6.926204	1.576557	1.742766	94.66601	3.591225	30.56708	0.009	0.74	0.0469	6.368599	40.79422	0.17	54.69361	2.747569	149.2463	5.661769
2009	Qinghai	9	6.985892	1.359411	2.096862	94.44586	3.457283	17.15943	0.0302	60.05	0.0495	6.682397	42.01077	0.17	53.20873	2.850497	128.3907	4.699869
2010	Qinghai	9	7.208178	1.108834	5.048343	90.1764	4.77526	31.83943	0.7364	71.39	0.0499	6.924485	44.76021	0.19	55.14022	5.597773	99.99063	5.29497
2011	Qinghai	9	7.420842	0.669626	4.759386	92.19113	3.049483	43.82241	0.0489	92.76	0.0471	7.269324	46.30282	0.19	58.37863	3.187008	61.73357	2.042013
2012	Qinghai	9	7.546203	0.684662	1.206155	84.955	13.83885	45.98065	0.3182	123.53	0.0347	7.540834	47.46946	0.19	57.68772	0.825808	58.16544	9.474933
2013	Qinghai	9	7.660143	0.277782	1.381117	76.83044	21.78844	53.29011	0.0437	158.22	0.037	7.766879	48.44291	0.19	54.25294	0.38365	21.34213	6.052444
2014	Qinghai	9	7.742107	0.133613	1.042581	73.89603	25.06139	69.31106	0	201.9	0.0363	7.959007	49.74271	0.21	53.5883	0.139303	9.873496	3.348536
2015	Qinghai	9	7.790303	0.141727	0.670865	63.1696	36.15954	102.2685	0	248.03	0.0404	8.074223	50.34014	0.23	49.94973	0.09508	8.952857	5.124794
2016	Qinghai	9	7.85263	0.038602	2.946064	67.89921	29.15473	90.73315	0.1775	310.3	0.044	8.168501	51.60202	0.23	48.59028	0.113723	2.621022	1.125421
2006	Xinjiang	10	8.021342	0.274708	16.60926	81.49275	1.89799	576.1501	2.6866	159.47	0.0421	7.35695	37.95122	0.28	47.92038	4.562696	22.3867	0.521393
2007	Xinjiang	10	8.167114	1.065937	20.12735	78.90822	0.964433	898.0823	6.8202	205.55	0.0509	7.523395	39.14081	0.28	46.76342	21.45449	84.11121	1.028025

2009	Xinjiang	10	8.361019	0.344788	24.20248	75.72699	0.070526	739.9531	0.5287	156.08	0.1639	7.910389	39.83326	0.37	45.11497	8.344728	26.10977	0.024317
2010	Xinjiang	10	8.601069	0.29814	20.77326	79.12044	0.106303	885.5916	0.0576	306.26	0.1751	8.138343	43.0206	0.42	47.67199	6.193341	23.58897	0.031693
2011	Xinjiang	10	8.796347	0.33543	19.82289	80.08056	0.096551	1114.323	0.6197	441.8	0.1247	8.440774	43.54912	0.43	48.80296	6.649193	26.86142	0.032386
2012	Xinjiang	10	8.923366	0.342441	16.16271	83.6749	0.162393	1218.872	0.3821	576.44	0.1311	8.725637	43.97671	0.47	46.38796	5.534774	28.65372	0.05561
2013	Xinjiang	10	9.041193	0.358305	18.36384	80.91746	0.718697	1400.704	2.608	673.35	0.1302	8.953162	44.4788	0.47	42.33714	6.57986	28.99314	0.257513
2014	Xinjiang	10	9.134912	0.276224	10.92529	87.94445	1.13027	1442.486	0.2669	650.05	0.1325	9.153531	46.08355	0.55	42.58346	3.017821	24.29232	0.312207
2015	Xinjiang	10	9.140433	0.302243	13.96392	85.70089	0.335195	1090.344	0.5182	1022.85	0.1384	9.288507	47.24576	0.59	38.56812	4.22049	25.90245	0.10131
2016	Xinjiang	10	9.174682	0.27586	12.32279	87.20865	0.468561	1056.931	0.8797	1399.85	0.1474	9.238688	48.33194	0.59	37.79403	3.399367	24.0574	0.129258
2006	Yunnan	11	8.29108	0.6118	77.79642	9.736598	12.46698	270.32	6.5376	499.7766	0.1967	7.705465	30.49297	0.23	42.77257	47.59586	5.956851	7.6273
2007	Yunnan	11	8.47063	0.645406	81.79657	6.824409	11.37903	360.125	5.0914	559.2081	0.2055	7.936978	31.59061	0.23	42.71098	52.79201	4.404516	7.344094
2008	Yunnan	11	8.646838	0.996274	84.19451	6.407845	9.397643	346.35	4.1641	663.2787	0.4084	8.16809	32.99582	0.23	43.09027	83.88084	6.383972	9.362631
2009	Yunnan	11	8.727414	1.008482	90.93373	4.886016	4.180258	308.35	4.2945	810.7266	0.388	8.417819	33.99694	0.25	41.85794	91.70501	4.927458	4.215714
2010	Yunnan	11	8.885189	1.256135	39.06411	2.252919	58.68297	514.89	5.482	1006.83	0.3833	8.61771	34.7023	0.25	44.62084	49.06979	2.82997	73.71373
2011	Yunnan	11	9.093033	1.294053	37.83112	1.402634	60.76624	611.84	3.1044	1300.29	0.3919	8.729931	36.79551	0.25	42.50837	48.95547	1.815082	78.63473
2012	Yunnan	11	9.240818	1.337694	91.0393	2.054231	6.906467	632.38	3.0572	1702.54	0.3956	8.965858	39.30028	0.26	42.86544	121.7828	2.747933	9.238741
2013	Yunnan	11	9.378589	1.336898	89.6936	1.898094	8.408307	988.37	1.4043	2111.24	0.4262	9.207165	40.47365	0.26	41.74341	119.9112	2.537559	11.24105
2014	Yunnan	11	9.45834	1.297148	31.80879	0.193054	67.99816	1154.97	2.058	2665.74	0.4046	9.349979	41.72677	0.29	41.21724	41.2607	0.25042	88.20366
2015	Yunnan	11	9.519234	1.368319	90.65744	7.304883	2.037678	1035.53	0.4683	3281.79	0.3901	9.510491	43.33615	0.29	39.76836	124.0483	9.995412	2.788194
2016	Yunnan	11	9.6016	0.389418	47.50855	12.12898	40.36247	769.311	1.5429	4726.25	0.4087	9.687779	45.02201	0.37	38.47713	18.50067	4.723242	15.71786

Notes: lnGDP represents economic growth; fdir represents opening degree; primary represents primary product share; labour represents labour intensive product share; capital represents capital technology intensive products share; export represents total exports. Tecimport represents technology import cost; tourist represents tourism income; fdifirm represents number of foreign invested enterprises; lnfixedinvest represents investment in fixed assets of the whole society; urban represents urbanization level; railway represents railway mileage; industr represents industrial structure; X1(fdir*primary) represents the interaction term between opening up and primary product share; X2 (fdir*labour) represents the interaction term between opening up and labour intensive product share; X3(fdir*capital) represents the interaction term between opening up and capital represents capital technology intensive products share.