

Appendix 3: Original Data Matrix

Num	Reference	Year	Journal	Data year	Continent	Region	Country	Climate
1	K. S. (2011). Local perceptions of climate	2011	Biology Letters Regional	.	3	303	India, Nepal	50
2	Scheffran, J. (2014). Byg, A.; Salick, J.(2009). <i>Local perspectives on a</i>	2014	Environmental	2012	3	303	Pakistan	50
3	Josni, S.; Jasra, W.A.; Ismail, M.; Shrestha, R.	2009	Global Environmental Change	2006	3	304	China	50
4	M.; Yi, S. L.; Wu, N. Kai, J. K. (2010). <i>Global and Local</i>	2013	Environmental Management	2009	3	303	Pakistan	50; 20
5	veuwah, N. (2000). <i>Culture, Climate and</i>	2010	Sociology and Anthropology	2009	3	303	Nepal	50
7	R. E. (2001). <i>Climate</i>	2006	Anthropology	2000,	3	303	India	.
8	(2004). <i>Hunting for</i>	2001	Climate Research	.	3	303	India	50
9	Huntington, O. H.; Cruikshank, J. (2001). <i>Glaciers and Climate</i>	2004	Ecological Economics	1996,	4	801	Canada	50
10	Duerden, F. (2004). <i>Translating Climate</i>	2013	Climatic Change	.	4	801	USA	50
11	Shulski, M. D. (2011). <i>Anatomy of a closing</i>	2011	Arctic	.	4	801	Canada, USA	50
12	Pearce, I. D.; Ford, J. D.; Laidler, G. J.; Smit, B.; Ford, J. D.; Smit, B.; Wandel, J. (2006). <i>Global Environmental Change</i>	2004	Arctic	.	4	801	Canada	50
13	Pearce, I. D.; Ford, J. D.; Laidler, G. J.; Smit, B.; Ford, J. D.; Smit, B.; Wandel, J. (2006). <i>Global Environmental Change</i>	2011	Global Environmental Change	2000-2008	4	801	USA	50
14	D.; Laidler, G. J.; Smit, B.; Ford, J. D.; Smit, B.; Wandel, J. (2006). <i>Global Environmental Change</i>	2009	Polar Research	2006	4	801	Canada	50
15	Wandel, J. (2006). <i>Global Environmental Change</i>	2006	Change	2004,2	4	801	Canada	50
16	Wandel, J.; MacDonald, Smit, B.; Wandel, J.; Allurut, M.; Shappa, K.; Wandel, J.; Allurut, M.; Shappa, K.; Iltusarjuat, S. (2008). <i>Dangerous climate</i>	2006	Polar record	.	4	801	Canada	50
17	Smit, B.; Wandel, J.; Allurut, M.; Shappa, K.; Iltusarjuat, S. (2008). <i>Dangerous climate</i>	2007	Arctic	2004,2	4	801	Canada	50
18	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2008	The Geographical Journal	2004,2	4	801	Canada, Canada,	50
19	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2009	Research Letters	.	4	801	USA	50
20	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2006	Ambio	2004	4	801	USA, Canada	50
21	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2009	Climatic Change	2000-2004	4	801	Canada	50
22	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2006	Climatic Change	.	4	801	Canada	50
23	Gearheard, S.; Matumeak, W.; Pocernich, M.; Stewart, R.; Sanguya, J.; Laidler, G. J. (2000). <i>Inuit and scientific</i>	2006	Ecological Economics	2004	4	801	Canada	50
24	Gearheard, S.; Barry, R.G. (2010). <i>Changes</i>	2010	Global Environmental Change	2001	4	801	Canada	50
25	Alessa, L.; Kliskey, A.; Williams, P.; Barton, M. C. J.; Hinkel, K. M.; Roturier, S.; Roue, M. (2009). <i>Of forest, snow</i>	2008	Global Environmental Change	2004-2006	4	801	USA	50
26	C. J.; Hinkel, K. M.; Roturier, S.; Roue, M. (2009). <i>Of forest, snow</i>	2009	Arctic	2006	4	801	USA	50
27	(2009). <i>Of forest, snow</i>	2009	Forest Ecology and Management	2008,2	2	801	Sweden	50
28	Tyler, N. J. C.; Tur, J. M.; Sundset, M. A.; Forbes, B. C.; Stammler, F.; Kumpula,	2007	Change	.	2	801	Norway	50
29	Stammler, F.; Kumpula,	2009	Proceedings of the National Academy of	2004-2008	3	801	Russia	50

Data_Matrix

30	Kumpula, I.; Forbes, B. C.; Stammler, F.	2010	Arctic	2004,2 1998-	3	801	Russia	50
31	Kumpula, I.; Forbes, B. C.; Stammler, F.; Meschtyb, N. (2012).	2012	Remote Sensing	2004-	3	801	Russia	50
32	Boisjerie, M.; Locantore, B.; Sheil, D.; Padmanaba, M.; Combest-Friedman, C.; Christie, P.; Miles, E.	2013	Ecology and society	.	3	302	Indonesia	10
33	(2012). <i>Household</i>	2012	Management	2009	3	302	Philippines	10
34	Su, G. S.; Macawile, J.; Villarino, A.; Agapito, J.; Gomez, N. (2011).	2011	Environmental Research	.	3	302	Philippines	10
35	Buys, L.; Miller, E.; van Meegen, K. (2012)	2012	Environmental Change	.	6	601	Australia	30
36	<i>Conceptualising climate</i>	2012	Change	2007-	6	601	Australia	10
37	Green, D.; Billy, J.; Tapim, A. (2010).	2010	Climatic Change	2009	6	601	Australia	10
38	K. K.; Campbell, B. M.; S.; Robinson, G.	2010	Change	2010	6	601	Australia	10
39	(2012). <i>Pastoralists'</i>	2012	Environmental Management	.	6	601	Australia	20
40	Drages, R. V.; McClatchey, W. C.	2009	Global Environmental Change	2001-	6	603	Marshall	10
41	(2009). <i>Living on the</i>	2009	Change	2002	6	603	Marshall	10
42	(2010). <i>Indigenous Knowledge and Long-</i>	2010	Environmental Management	2008	6	603	Solomon Islands	10
43	Rudiak-Gould, P.	2012	Global Environmental Change	2007,2	6	603	Marshall Islands	10
44	(2012). <i>Promiscuous</i>	2012	Change	2004,	6	603	Marshall Islands	10
45	(2014). <i>The Influence of Science</i>	2014	Human Ecology	2007,	6	603	Marshall Islands	10
46	(2009). <i>"It's so different today": Climate change</i>	2009	Global Environmental Change	2001-	4	401	Canada	40
47	Li, C., Ding, Z., Kasaliy, R. G. (2010). <i>Farmer's Adaptation to Climate</i>	2010	Procedia	.	3	304	China	30
48	Ho, P.; Azadi, H.	2010	Environmental Research	.	3	304	China	30
49	(2010). <i>Rangeland degradation in North</i>	2010	Research	.	3	304	China	30
50	Baivaland, B.; Fernández-Giménez, M. E. (2012).	2012	Nomadic Peoples	2008-	3	304	Mongolia	20
51	under storms: <i>Contributions of</i>	2010	Global Environmental Change	2006-	3	304	Mongolia	20
52	K. D.; Kirschke, D.; Franke, C.; Sieber, S.; Siebert, R.; Tscherning, Bryan, E.; Deressa, T.	2012	Global Environmental Change	2009;	1	104	Tanzania	10
53	T.; Gbetibouo, G. A.; Bryan, E.; Deressa, T.	2009	Science & Policy	2005	1	106	South Africa	20
54	T.; Gbetibouo, G. A.; R. M.; Ringler, C.; Alemu, T.; Yusuf, M.	2009	Science & Policy	2005	1	107	Ethiopia	20
55	(2009). <i>Rangeland degradation in North</i>	2009	Global Environmental Change	2004-	1	107	Ethiopia	10
56	Hassan, R. M.; Ringler, C. (2010). <i>Perception of</i>	2010	Journal of Agricultural Science	2004-	1	107	Ethiopia	10
57	K. W.; Ogindo, H. O.	2009	Acta Geologica Sinica	.	1	104	Kenya	20
58	(2009) <i>Climate Change</i>	2009	Acta Geologica Sinica	.	1	104	Kenya	20

54	Kansiime, M. K.; Wambugu, S. K.; Nassarwan, A.; Snyman, H.A.; Smit, G.N. (2008).	2013	Journal of Natural Sciences Research	2011	1	104	Uganda	10
55	B.; Liwenga, E. T.; Meze-Hausken, E. (2004). <i>Contrasting</i>	2008	Journal of Arid Environments	2005	1	107	Ethiopia	20
56	Orlove, B.; Koricich, C.; Kabugo, M.; Majugu, A.	2013	Journal of Geography and Regional Planning	1999;	1	104	Tanzania	10
57	(2004). <i>Contrasting</i>	2004	Climate Research	2002	1	107	Ethiopia	20
58	Orlove, B.; Koricich, C.; Kabugo, M.; Majugu, A.	2010	Climatic Change	2005-	1	104	Uganda	10
59	<i>Livelihoods, vulnerability and</i>	2008	Environmental Science & Policy	Journal of	1	104	Tanzania	10
60	Snyman, H.A.; Smit, G.N. (2007). <i>Cattle-</i>	2007	Environmental Management	2001	1	107	Ethiopia	20
61	Ishaya, S.; Abaje, I. B. (2008). <i>Indigenous people's perception on</i>	2008	Journal of Geography and Regional Planning	2008	1	102	Nigeria	20
62	Dwamena, E.; Bart-	2011	Agricultural and	.	1	103	Ghana	10
63	Assessment of species composition change in	1998	Biodiversity and Conservation	1991-	1	103	Senegal	10
64	Lyons, P. M. (2009). <i>Local perceptions of vegetation change and</i>	2000	Environmental Management	1991-	1	103	Senegal	10
65	Reenberg, A. (2010). <i>Cultural barriers to</i>	2010	Global Environmental Change	2007-	1	102	Burkina Faso	20
66	Sop, I. K.; Oideiland, J. (2011). <i>Local Perceptions of Woody</i>	2011	Land Degradation & Development	.	1	102	Burkina Faso	20
67	West, C. T.; Koricich, C.; Ouattara, F. (2008). <i>Local Perceptions and</i>	2008	Land Degradation & Development	1889-	1	102	Burkina Faso	20
68	(2006). <i>Woody vegetation change in Sahelian West Africa:</i>	2006	Environment, Development and Sustainability	2004	1	102	Burkina Faso, Niger, Senegal	20
69	Chambers, N.; Fabricius, C. (2007). <i>Expert and Generalist</i>	2007	Ecology and Society	.	1	106	South Africa	40
70	Klintonberg, P. ; Seely, M.; Christiansson, C. (2007). <i>Local and</i>	2007	Journal of Arid Environments	2003, 2004, 2005	1	106	Namibia	20
71	C.; Adger, W. N.; Thomas, D. S. G. (2008). <i>Effective</i>	2008	Geoforum	2003-	1	106	Mozambique	20
72	(2008). <i>Perceptions of climate risk in</i>	2008	Global Environmental Change	2006	1	106	Mozambique	20
73	Boulat, S.; Berkes, F. (2013). <i>Perception and Interpretation of</i>	2013	Ecology and Society	2006, 2011	5	501	Bolivia	50
74	Madagascar, M.; Brown, K. (2000). <i>Colonist farmers' perceptions of fertility and the frontier</i>	2000	Agriculture and Human Values	.	5	502	Brazilia	10
75	Oldekop, J. A.; Bebbington, A. J.; Truelove, N. K.;	2012	Human Ecology	2008, 2009, 2010	5	502	Ecuador	10
76	Christiansson, C.; Fonseca, M. G.; Doblas, J.;	2013	Philosophical Transactions of the Royal Society B	2007	5	502	Brazilia	10

Data_Matrix

77	Gilles, J. L.; García, M.; Jiménez, E.; Cusicanqui, J.; Navia, Pitcher, T.J.; Rotinsulu, C. (2008). <i>Evidence of fishery depletions and</i>	2010	Annals of the Association of American Geographers	2006	5	501	Bolivia	50
78	Bunce, M.; Rodwell, L. D.; Gibb, R.; Mee, L. (2008). <i>Shifting</i>	2008	Biological Conservation	2006	3	302	Indonesia	10
79	Alam, S. I.; Khan, M. A. S. A. (2012). <i>Climate</i>	2008	Ocean & Coastal Management	2006	1	107	Mauritius	10
80	Owusu, G.; Burkett, V. (2014). <i>Perception,</i>	2012	Mitigation and Adaptation Strategies		3	303	Bangladesh	10
81	Ashraf, M.; Routray, J. K. (2013). <i>Perception</i>	2014	Environmental Change	2009	1	103	Ghana	10
82	Saha, P. K.; Ghosh, P. K. (2013). <i>Perception</i>	2013	International Journal of Disaster Risk Reduction	2011	3	303	Pakistan	20
83	A.; Tiwari, K. R.; Bola, G.; Mabiza, C.; Goldin, J.; Kujinga, K.; Brewer, T. D. (2013). <i>Dominant discourses,</i>	2013	Traditional Knowledge Physics and Chemistry of the Earth		3	303	Nepal	30
84	Rodwell, L. D.; Gibb, R. (2009). <i>Collapse and</i>	2013	Marine Policy	2010	6	603	Zimbabwe	10
85	Bunce, M.; Rosewell, S.; Brown, K. (2010). <i>Perceptions of climate</i>	2009	Global Environmental Change	2006	1	107	Solomon Islands	10
86	S.; Brown, K. (2010). <i>Perceptions of climate</i>	2010	Development and Sustainability	2008	1	104	Rodrigues	10
87	Lambin, E. F.; Mayaux, P. (2011). <i>Between</i>	2010	Development and Sustainability	2008	1	106	Tanzania	10
88	Indigenous knowledge and the desertification	2011	Association of American Geographers	2006	1	103	Mozambique	10
89	Fienup-Riordan, A.; Carmack, E. (2011). <i>Understanding</i>	2005	Geoforum	2006-	1	101	Senegal	10
90	Sundberg, J.; Ostwald, M.; Chen, D.; Yun, X.; Koedam, N.; Ruiz Luna, A.; M. Troell, M.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2011	Oceanography	2010	4	801	Morocco	20
91	Habiba, U.; Shaw, R.; Takeuchi, Y. (2012). <i>Global Health Action</i>	2011	Oceanography	2010	4	801	Canada	50
92	Haden, V. R.; Niles, M. T.; Lubell, M.; Perlman, J.; Jackson, L. E. (2012). <i>Global and Local Concerns about Climate Change</i>	2011	Global Health Action International Journal of Disaster Risk	2009	2	801	Sweden	50
93	Sundberg, J.; Ostwald, M.; Chen, D.; Yun, X.; Koedam, N.; Ruiz Luna, A.; M. Troell, M.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2011	International Journal of Disaster Risk	2010	3	303	Bangladesh	10
94	Sundberg, J.; Ostwald, M.; Chen, D.; Yun, X.; Koedam, N.; Ruiz Luna, A.; M. Troell, M.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2012	Global and Local Concerns about Climate Change	2011	4	401	USA	20
95	Sundberg, J.; Ostwald, M.; Chen, D.; Yun, X.; Koedam, N.; Ruiz Luna, A.; M. Troell, M.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2005	Climate Change		3	304	China	20
96	Luna, A.; M. Troell, M.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2005	Ecology and Society	2001	4	402	Mexico	20
97	D.; Berrang-Ford, L.; Zavaleta, C.; Carcamo, C.; Llanos E.; Carhuaz, <i>Understanding indigenous people's</i>	2013	Mitigation and Adaptation Strategies for Global Change		5	502	Peru	10
98	<i>Understanding indigenous people's</i>	2013	Natural Hazards	2011	3	303	Bangladesh	10
99	Rosales, J. (2013). <i>Identifying the</i>	2013	Climatic Change	2009-	4	801	USA	50
100	Motaleb, M. A. (2011). <i>Reading Nature's Mind:</i>	2011	Indian Journal of Traditional Knowledge	2010	3	303	Bangladesh	10

101	Jacob, C.; McDaniels, T.; Hinch, S. (2010). <i>Indigenous culture and</i>	2010	Mitigation and Adaptation Strategies for Global Change	2005	4	801	Canada	50
102	Kalanda-Joshua, M.; Ngongondo, C.; Chipeta, L.; Mpembeka, Knopp, J. A. (2010).	2011	Physics and Chemistry of the Earth	2008-	1	106	Malawi	10
103	<i>Investigating the Perceptions of environmental change</i> (2007). <i>Pacific walruses, indigenous</i>	2010	Infonorth	2010	4	801	Canada	50
104	Guillen, E. (2011). <i>Traditional way of thinking and prediction</i>	2000	Land Degradation and Development	1997-1998	4	402	Mexico	10
105	Leonard, S.; Parsons, M.; Olawsky, K.; Kofod, F. (2013). <i>The role of</i>	2007	Deep-Sea Research	1999-2004	4	801	USA	50
106	Li, C.; Tang, Y.; Luo, H.; Di, B.; Zhang, L. (2013). Safi, A. S. 2014.	2011	Indian Journal of Traditional Knowledge	2009	6	603	New Caledonia (France)	10
107	<i>Rancher and farmer</i>	2013	Global Environmental Change	2008-2011	6	601	Australia	20
108	S.; Perret, S. R.; Kazama, F. (2011). Marschke, M.; Lykhim, O.; Kim, N. (2014). <i>Can</i>	2013	Environmental Management	2010	3	304	China	50
109	<i>Local Institutions Help</i>	2014	Climatic Change	2009-2010	4	401	USA	20
110	Diouf, A.; Rasmussen, K.; Reenberg, A. McCarthy, A.; Hepburn, C.; Scott, N.;	2011	Environmental Change	2008	3	303	Nepal	50
111	Harper, S. L.; Willox, A. C.; Edge, V. L.; Rigolet Jolly, D.; Snow, N. B. (2004). <i>Climate</i>	2014	Sustainability	1998-2012	3	302	Cambodia	10
112	Kalanda-Joshua, M.; Ngongondo, C.; Monjerezi, M.;	2008	Global and Planetary Change	2007-	1	102	Senegal	20
113	W.; Zhen-huan, L.; Verburg, P. H.; Tian, X.; Rana, R. S.; Bhagat, R. M.; Kalia, V.; Lal, H.;	2014	Aquatic Conservation: Marine and	2009	6	602	New Zealand	40
114	Chavero, E. L. (2011). <i>Indigenous perception</i>	2013	Global Environmental Change	2010	4	801	Canada	50
115	Singh, R. K.; Bhowmik, S. N.; Pandey C. B.	2004	Arctic	1999-2001	4	401	Canada	50
116	Opolanza, G. N.; Ambenje, P.; Wiesmann, U.; Makali, varadan, K. J.; Kumar, P. (2014). <i>Indigenous knowledge about</i>	2014	Physics and Chemistry of the Earth	2012	3	304	China	40
117	Dominey-Howes, D.; Thomalla, F.; Houston, (2000). <i>Farmers Perception of Vegetation Changes in</i>	2013	Indian Journal of Traditional Knowledge	1995-1996,	3	303	India	30
118		2011	Climatic Change		4	402	Mexico	10
119		2011	Indian Journal of Traditional Knowledge		3	303	India	10
120		2010	Climatic Change	2001-2004	1	104	Kenya	20
121		2014	Indian Journal of Traditional Knowledge	2012	3	303	India	10
122		2013	Global Environmental Change	2007-2009	6	601	Australia	10
123		2000	Land Degradation & Development	1995-1996	1	102	Niger	20

Data_Matrix

125	Winnick, R. C.; Harper, C. L.; Ford, J. D.; Landman, K.; Houle, K.	2012	Social Science & Medicine	2009-2010	4	801	Canada	50
126	Winnick, R. C.; Harper, C. L.; Edge, V. L.; Landman, K.; Houle, K.	2013	Emotion, Space and Society	2009-2010	4	801	Canada	50
127	T. (2013). <i>Values, climate change, and</i>	2013	Global Environmental Change	2009-2010	4	801	Canada	50

Data_Matrix

Liv_1	Liv_2	Liv_3	Sample	Method	Goal_ perc	Goal_ chang	Goal_sci	Type_c hang_1	Type_c hang_2	Type_ chang _3	Type_c hang_4	Type_c hang_5	Type_c hang_6
.	.	.	250	3	2	3	2	1	10	15	2	8	.
3	6	.	.	3	2	3	2	1	2	10	17	.	.
2	5	6	90	3	2	3	2	1	2	10	15	8	.
6	2	.	194	3	2	3	2	3	2	15	8	1	10
2	7	6	.	2	2	1	3	2	9	1	15	3	.
3	.	.	58	2	1	2	2	2	15	17	.	.	.
3	2	7	58	3	1	3	3	2	1	14	15	8	.
1	7	.	231	3	2	2	3	17	15	10	.	.	.
1	4	.	.	2	3	.	3	1	4	10	15	6	8
1	4	.	.	2	2	3	2	1	10	5	.	.	.
.	.	.	.	2	3	.	3	.	.	.	.	.	.
1	4	5	35	3	2	2	2	2	15	1	10	8	.
1	7	.	258	3	2	2	3	10	1	2	4	.	.
1	5	6	65	2	3	3	3	1	2	10	14	15	.
1	7	.	40	2	2	3	3	10	14	15	12	.	.
1	7	.	104	2	2	2	.	1	10	12	14	15	.
1	7	.	105	2	2	3	3	2	10	14	15	.	.
1	7	.	.	2	3	3	.	1	10	14	6	4	.
1	4	.	.	2	2	2	2	10	12	15	1	.	.
1	.	.	35	3	2	2	2	12	10	14	.	.	.
.	.	.	.	2	2	2	2	12	10	15	1	16	16
1	4	5	8	2	3	3	3	1	10	8	13	16	.
1	.	.	.	3	3	2	1	10	16	1	.	.	.
.	.	.	134	3	2	.	2	1	10	2	17	.	.
1	4	8	27	3	2	1	2	17	10	4	8	17	.
6	.	.	22	2	1	3	3	8	.	.	.	.	.
6	.	.	.	2	1	3	.	1	2	17	.	.	.
6	.	.	.	3	2	1	3	1	17	8	16	.	.

Data_Matrix

6	1	4	18	3	2	2	3	8	.	.	.	.	.
6	4	.	.	3	2	1	3	17	8	17	.	.	.
4	1	2	.	3	2	3	1	14	5	15	2	12	3
4	7	.	87	3	2	2	2	2	13	6	4	1	.
5	7	.	461	2	1	3	.	7	4	8	14	5	.
3	6	6	23	2	1	.	.	16	3	14	.	.	.
1	4	2	.	2	1	3	.	16	15	16	4	.	.
.	.	.	21	2	1	3	3	8	1	14	17	.	.
6	.	.	15	3	3	3	3	17	.	.	.	.	.
4	2	5	.	2	3	3	.	4	9	.	.	.	.
4	.	.	75	3	2	2	1	8	6	17	.	.	.
.	.	.	146	2	2	.	3	1	2	4	6	5	.
4	.	.	146	3	2	.	3	1	2	3	4	6	8
1	4	.	1	2	1	3	3	16	2	15	8	10	.
3	7	6	70	2	2	2	3	1	2	3	9	15	.
6	.	.	284	1	1	3	3	17	.	.	.	.	.
6	.	.	160	2	3	3	.	8	7	15	.	.	.
6	.	.	51	3	2	2	2	3	2	15	14	.	.
2	6	.	299	3	3	.	.	2	.	.	.	.	.
2	6	.	800	1	2	3	3	1	2	15	.	.	.
2	6	.	1000	1	2	3	3	1	2	15	.	.	.
2	6	.	1000	1	2	.	.	1	2	.	.	.	.
2	6	.	1000	1	2	.	.	1	2	.	.	.	.
6	.	.	53	3	.	2	.	.	.	.	.	.	.

Data_Matrix

2	.	.	480	3	2	2	2	2	15	3	5	14	.
6	.	.	300	3	1	2	.	2	3	17	8	4	17
2	6	.	120	1	1	3	.	2	3	8	1	7	.
2	.	.	149	2	2	3	2	2	15	3	7	.	.
3	2	6	366	3	2	3	3	2	3	15	.	.	.
3	5	2	.	2	3	.	.	17	.	.	.	.	.
6	2	.	168	3	2	3	.	17	8	3	.	.	.
2	.	.	200	3	1	.	.	7	1	2	3	15	5
2	3	.	150	1	2	3	2	1	2	3	15	.	.
2	5	6	57	3	2	1	2	8	11	7	.	.	.
2	5	4	57	3	2	3	2	8	11	7	2	.	.
7	2	6	50	3	2	2	2	2	12	16	1	3	5
2	6	5	.	1	2	2	3	8	7	3	.	.	.
2	6	8	121	3	2	3	2	2	3	15	.	.	.
2	6	5	.	3	2	1	3	8	7	9	.	.	.
2	5	8	51	3	2	2	2	17	9	11	8	.	.
2	6	.	50	3	2	3	2	7	2	8	17	.	.
2	6	4	.	2	3	.	.	3	5	13	.	.	.
2	.	.	.	3	2	.	.	1	14	2	5	17	.
2	6	.	.	2	1	3	3	1	2	15	8	12	14
2	5	6	95	2	2	2	3	17	17	1	3	.	.
2	1	4	.	3	2	2	2	7	8	.	.	.	.
2	4	5	.	2	2	3	3	2	11	7	1	15	.

Data_Matrix

2	.	.	.	3	2	2	2	1	2	3	17	.	.
4	.	.	209	1	1	3	2	8	.	.	.	.	.
4	.	.	93	3	1	3	.	8	3	4	7	.	.
2	4	7	156	3	1	3	.	.	.	.	.	.	.
4	.	.	122	2	1	.	.	1	2	15	7	17	.
3	6	7	215	1	1	2	2	1	2	15	3	7	.
2	.	.	.	3	2	2	2	1	2	15	12	8	4
2	6	7	144?	3	2	2	2	2	3	5	.	.	.
4	7	.	119	3	2	3	2	8	.	.	.	.	.
4	2	8	143	3	2	2	2	3	4	14	7	.	.
2	4	8	49	2	1	2	3	1	2	5	8	4	13
2	4	8	41	2	1	2	3	1	2	5	8	4	13
4	2	8	.	3	2	2	2	2	8	3	.	.	.
6	.	.	40	3	2	2	2	.	.	.	.	.	.
4	1	.	.	2	1	2	.	1	10	15	8	17	.
6	1	4	14	2	1	.	.	15	1	8	16	.	.
3	6	7	718	1	1	3	3	1	2	3	17	.	.
3	6	.	162	3	1	3	.	1	2	17	3	.	.
2	7	6	.	3	2	2	2	1	2	.	.	.	.
3	4	5	54	3	2	2	2	7	.	.	.	.	.
4	1	2	.	2	2	3	3	7	8	.	.	.	.
3	7	8	384	1	1	.	2	1	2	16	15	.	.
1	4	.	.	3	1	.	3	16	15	14	13	10	2
2	6	.	62	3	3	.	.	1	2	3	5	14	16

Data_Matrix

1	4	5	24	2	2	.	.	8	15	1	2	16	.
2	.	.	218	3	2	2	2	2	16	14	15	3	5
.	.	.	.	3	2	2	.	16	10	15	9	.	.
.	.	.	40	3	1	3	.	17	6	7	8	.	.
1	.	.	.	2	2	3	3	10	8	.	.	.	.
.	.	.	61	3	1	3	3	1	12	14	6	10	5
1	4	5	.	2	2	.	.	1	8	2	.	.	.
2	.	.	71	3	2	2	2	1	15	10	.	.	.
3	6	7	481	3	1	.	3	1	2	3	.	.	.
2	3	8	.	3	2	2	2	12	2	1	16	9	15
4	7	.	.	3	2	3	3	8	17	16	15	1	2
2	.	.	.	3	2	2	2	2	4	16	3	.	.
.	4	.	100	3	1	.	.	8	17	.	.	.	.
7	1	4	20	2	1	.	.	15	10	1	8	.	.
.	.	.	16	2	1	3	3	1	10	15	8	12	2
2	6	.	64	3	2	2	2	1	2	16	15	3	12
3	2	.	384	3	2	2	2	1	2	13	12	3	.
3	2	7	200	3	2	2	2	15	1	2	16	.	.
2	6	.	69	3	1	3	2	1	2	15	16	8	.
2	1	5	700	3	2	3	3	15	16	8	4	2	5
2	6	.	127	1	2	2	2	8	16	.	.	.	.
2	6	.	200	3	2	3	2	2	16	1	15	3	.
1	2	.	10	2	1	.	.	12	4	.	.	.	.
2	6	5	284	3	1	3	3	8	7	9	.	.	.

Data_Matrix

1	4	7	184	3	1	.	.	2	10	13	15	8	.
1	4	7	57	3	1	.	.	2	10	15	1	.	.
7	1	4	53	2	1	.	.	1	10	15	.	.	.

Data_Matrix

Type_c hang_7	Length_ rec	Length_ perc	Spat_ imp	Spat_ driver	Driver	Change _eval	Change _inv	Imp_ liv	Imp_ cult	Imp_ envir	Local_ conc	Local_ psy	Conc_ sci	Own_ sci	Loc_ resp
.	.	2000s	.	.	.	.	2	1	.	1	.	.	1	0	0
.	1960s	1990s	1	1	3	0	2	1	.	1	1	0	1	0	1
.	.	.	1	1	3; 1	2	2	1	.	1	1	1	1	0	0
.	1960s	1990s	.	3	.	0	2	1	.	1	0	0	1	0	1
.	.	.	3	3	1	0	1	1	.	1	0	1	.	0	1
.	1960s	1990s	.	.	1	0	2	1	1	1	1	1	2	0	1
.	1960s	1970s	.	.	.	0	2	1	.	1	1	1	2	0	1
.	1980s	.	.	.	.	2	2	1	.	.	0	0	.	0	0
5	.	.	3	3	1	0	2	1	1	1	1	0	1	0	1
.	1900s	.	.	.	.	0	2	1	1	1	1	0	2	0	.
.	.	.	.	.	.	0	2	1	1	1	1	1	.	0	0
.	1940s	.	.	.	.	0	2	1	1	.	1	1	2	0	1
.	.	.	.	.	.	.	2	1	.	1	0	0	.	0	0
.	.	.	.	.	.	.	2	1	.	1	1	0	1	0	1
.	.	.	.	.	.	0	2	1	1	1	0	0	.	0	1
.	.	.	.	.	.	0	2	1	1	1	0	0	.	0	1
.	.	.	.	.	.	0	2	1	1	1	0	0	1	0	1
.	.	.	.	.	.	0	2	1	1	1	.	.	.	0	1
.	.	1990s	.	.	.	.	2	1	1	1	0	0	.	0	1
.	1970s 1950s, 1970s,	1960s, 1990s	.	.	.	0	2	1	.	1	1	1	2	0	1
17	.	.	.	.	.	.	2	.	.	1	1	1	2	0	0
.	.	1990s	.	.	.	0	2	1	.	1	1	1	1	0	1
.	1950s	1990s	.	.	.	0	2	1	1	1	1	1	2	0	1
.	.	.	.	.	.	.	2	.	.	.	0	1	2	0	0
.	.	.	.	.	1	.	2	.	.	1	1	0	2	0	0
.	.	.	2	1	1	0	1	1	.	1	1	0	.	0	0
.	.	.	.	.	.	.	.	1	.	.	0	0	.	0	1
.	.	.	.	.	1	2	2	1	1	1	1	0	.	1	1

Data_Matrix

.	.	.	.	.	1	2	2	1	.	1	1	0	.	0	1
.	1980s	.	.	.	1	2	2	1	.	1	0	0	2	1	1
7	1950s	.	1	.	.	.	2	1	.	.	1	1	2	0	1
.	1970s	.	.	.	.	.	2	1	.	1	0	1	1	0	0
.	.	.	.	1	1	.	1	.	.	.	0	1	.	0	0
.	.	.	3	3	1	2	1	1	.	.	0	0	.	0	1
.	.	2000s	.	.	.	.	1	.	.	.	1	0	.	0	0
.	.	.	3	3	1	0	1	.	.	.	1	1	.	0	1
.	.	.	4	4	.	.	1	.	.	.	0	1	.	0	0
.	.	.	.	.	2	.	1	.	.	.	0	1	.	0	1
.	1940s	.	1	1	.	.	2	.	.	.	1	1	2	0	0
.	.	.	3	3	1	0	1	.	.	.	1	1	2	0	0
15	.	.	3	3	1	.	2	.	.	1	0	1	1	0	0
.	.	.	.	.	1; 3	0	1	1	.	1	1	0	.	0	1
.	.	1990s	.	.	.	0	1	1	.	.	0	0	.	0	1
.	.	1960s	.	.	.	0	2	.	.	.	0	0	.	0	0
.	.	.	.	.	.	.	1	.	.	.	1	0	.	0	1
.	1980s	1990s	.	.	.	0	2	1	.	.	1	1	2	0	0
.	.	2000s	.	.	.	.	1	.	.	.	0	1	.	0	1
.	1960s	1980s	.	.	.	.	2	.	.	.	0	1	2	0	1
.	1950s	1980s	.	.	.	.	2	.	.	.	0	1	1	0	1
.	.	1980s	.	.	.	.	1	.	.	.	0	0	.	0	1
.	.	1980s	.	.	.	.	1	.	.	.	0	0	.	0	1
.	1970s	.	.	.	.	.	.	1	.	.	0	0	.	0	1

Data_Matrix

.	1970s	1990s	.	.	.	.	2	1	.	.	0	0	1	0	1
17	.	1970s	.	.	.	0	1	1	.	1	0	0	.	0	1
.	.	.	3	3	1	.	1	.	.	.	0	0	.	0	0
.	.	1980s	.	.	.	0	1	.	.	.	0	1	0	0	1
.	.	.	.	.	1	.	1	.	.	.	1	1	0	0	1
.	.	1980s	.	.	.	.	1	1	.	.	0	0	.	0	1
.	.	.	.	1	1	0	1	1	1	1	1	0	.	0	1
17	.	.	.	.	1	0	1	1	1	1	0	0	.	0	1
.	1990s	.	.	.	.	.	2	1	.	.	1	1	2	0	1
.	1990s	.	.	.	.	.	2	1	.	1	0	1	2	1	0
.	1960s	1960s	.	.	.	.	2	1	.	1	1	1	1	1	0
8	.	1960s	.	.	.	0	2	1	1	1	0	0	.	0	1
.	.	.	.	.	.	.	2	1	.	1	0	1	.	0	0
.	1980s	1980s	.	.	3	0	2	1	.	.	1	1	1	0	1
.	.	.	.	.	.	.	2	1	.	.	0	1	.	0	0
.	1970s	1970s	.	1	1	.	2	.	.	.	1	0	1	0	0
.	1990s	1990s	.	.	1	.	2	.	.	.	0	0	2	0	0
.	.	1990s	.	.	.	.	1	1	.	.	0	0	.	0	1
.	.	.	.	1	3	.	2	1	.	.	1	1	.	0	1
17	.	.	.	1	3	2	1	1	.	1	1	0	.	0	1
.	.	.	.	.	2	0	1	1	.	.	1	1	.	0	1
.	.	.	.	1	1	0	2	.	.	.	0	1	1	1	0
.	.	.	.	.	.	0	2	1	.	.	1	0	1	0	1

Data_Matrix

.	1960s	.	.	.	.	0	2	1	.	.	1	0	2	0	1
.	1970s	1970s	.	.	.	.	2	.	.	.	0	1	.	0	0
.	.	.	.	.	.	0	1	1	.	.	0	1	.	0	0
.	.	.	.	4	.	.	0	1	.	1	0	1	0	0	1
.	.	.	.	2	1	2	2	1	.	1	1	.	2	0	1
.	.	.	.	.	3	0	2	1	.	.	1	1	1	0	1
.	1970s	1980s	.	.	.	0	2	1	.	1	0	0	2	0	1
.	.	1990s	.	.	.	0	2	1	.	.	0	0	2	0	1
.	.	.	1	1	1	0	2	1	.	1	1	1	1	0	1
.	.	1970s	.	1	1	2	2	1	1	1	1	1	.	0	1
14	.	1990s	.	3	1	0	2	1	.	1	0	1	.	0	1
14	.	1970s	.	3	1	0	2	1	.	1	0	1	.	0	1
.	1980s	1980s	1	2	1	2	2	1	.	1	0	0	1	0	.
.	.	.	4	4	.	.	.	.	.	.	0	1	1	0	1
.	.	.	.	1	1	0	1	1	.	1	1	0	.	0	1
.	.	.	.	.	.	2	2	1	.	1	0	1	1	0	1
.	.	1980s	.	.	.	0	2	1	1	.	1	1	1	0	1
.	.	.	3	3	1	0	1	1	.	.	0	1	.	0	1
.	1970s	1980s	.	.	.	.	2	1	.	.	0	1	1	0	1
.	.	.	1	2	1	.	1	.	.	.	0	1	0	0	0
.	.	.	.	2	1	0	2	1	1	1	0	0	.		1
.	.	.	.	.	.	.	1	1	.	.	0	1	.	0	0
12	.	.	.	.	.	0	1	1	.	1	1	1	1	0	0
8	.	2000	.	.	.	0	.	1	.	1	0	0	.	0	0

Data_Matrix

.	.	1990	3	3	1	0	1	1	1	1	1	0	1	0	1	
1	1970s	.	.	.	.	0	2	1	.	.	0	0	1	0	0
.	.	1990s	.	.	.	.	.	1	.	.	0	0	.	1	0
.	.	.	1	1	1	.	1	.	.	1	0	0	.	0	0	
.	.	.	3	3	.	.	1	1	1	1	1	1	1	1	0	0
8	.	.	3	3	1	0	.	.	.	.	1	0	1	0	0
.	.	.	1	1	1	0	1	1	.	.	1	0	.	0	1	
.	1980s	1980s	.	.	.	.	2	1	.	.	0	1	1	0	1
.	.	.	3	3	2	2	2	.	.	.	1	1	0	0	0	
.	1990s	.	.	.	.	0	2	1	1	.	0	1	1	0	1
5	1960s	.	.	.	.	0	2	1	.	.	0	0	2	0	1
.	1980s	1980s	.	1	1	0	2	1	.	1	0	0	1		1	
.	1950s	1950s	.	2	1	0	2	1	1	1	1	1	1	0	1	
.	.	.	.	.	.	0	1	1	1	1	0	0	.	0	1
.	.	1990s	.	.	.	0	1	1	1	1	1	0	.	0	0	
7	1970s	1990s	4	4	.	.	2	1	.	.	1	1	2	0	1	
.	1980s	1980s	.	.	.	2	2	1	.	.	0	1	1	0	1	
.	1970s	.	.	.	.	.	2	1	.	.	0	0	1	0	1
.	1980s	1980s	1	1	2	0	2	1	.	.	1	1	1	0	1	
1	.	1970s	.	.	.	0	1	1	1	.	1	0	.	0	1	
.	.	.	.	.	3	0	1	1	.	.	1	0	1	0	0
.	1990s	0	2	1	.	.	0	0	1	0	1	
.	.	.	.	1	3	.	1	0	0	0	1	1	.	0	0	
.	2	1	.	1	0	1	1	0	0	

Data_Matrix

.	0	.	1	1	1	1	0	.	0	0
.	0	2	1	1	.	1	1	.	0	0
.	2	2	1	1	.	1	1	1	0	0

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