How much of the variation in the distribution of 'X' among 'Y' is explained by the central tendency of the feasible set*?

*The central tendency of the feasible set can be thought of as the average among the set of possible ways to uniquely distribute X among Y groups, without regard to group or individual identity

Production or export of agricultural commodities among countries			
	X	Y	% explained variation
	no. tons x10^4	no. countries producing at least 1x10^4 tons	
Beverages Alcoholic Export 2001	258	41	**91.2**
Beverages Alcoholic Export 2002	282	43	**84.8**
Beverages Alcoholic Export 2003	311	49	**88.9**
Beverages Alcoholic Export 2004	341	47	**92.0**
Beverages Alcoholic Export 2005	358	50	**93.8**
Beverages Alcoholic Export 2006	317	49	**92.9**
Beverages Alcoholic Export 2007	349	57	**92.3**
	no. tons x10^6	no. countries producing at least 1x10^6 tons	
Wheat Production 2001	582	55	**85.5**
Wheat Production 2002	566	57	**90.4**
Wheat Production 2003	550	55	**90.5**
Wheat Production 2004	626	58	**91.6**
Wheat Production 2005	618	58	**90.8**
Wheat Production 2006	593	60	**84.7**
Wheat Production 2007	598	59	**90.5**
	no. tons x10^4	no. countries producing at least 1x10^4 tons	
Treenuts production 2001	871	69	**90.5**
Treenuts production 2002	947	67	**79.8**
Treenuts production 2003	969	67	**84.0**
Treenuts production 2004	1014	70	**88.8**
Treenuts production 2005	1115	69	**86.0**
Treenuts production 2006	1198	72	**76.9**
Treenuts production 2007	1197	73	**83.4**
	no. tons x10^5	no. countries producing at least 1x10^5 tons	
Pelagic fish produced 2001	373	56	**95.5**
Pelagic fish produced 2002	382	55	**96.4**
Pelagic fish produced 2003	352	58	**96.0**
Pelagic fish produced 2004	394	59	**93.3**
Pelagic fish produced 2005	387	59	**96.5**
Pelagic fish produced 2006	363	59	**93.5**
Pelagic fish produced 2007	367	59	**93.4**
http://faostat3.fao.org/home/index.html#COMPARE			

Planet Stats			
	X	Y	
Moons	no. moons	no. planets with moons	% explained variation
	171	7	**53.0**
Diameters (Km*0.001)	summed diameter of planets	no. planets	% explained variation
	404	9	**60.6**
http://nssdc.gsfc.nasa.gov/planetary/factsheet/			

Distribution of college-level institutions among US states, DC, and military establishments			
	X	Y	
Type of institution	no. institutions	US states, DC, and military	% explained variation
US public 4yr	672	52	**49.456604**
US Not-for-profit 2yr	85	29	**94.11237276**
US public 2yr	1000	50	**84.9613781**
US for-profit 2yr	636	43	**94.37842729**
US for-profit 4yr	563	47	**94.03734039**
US not-for-profit 4yr level 4	341	49	**88.26597492**
US not-for-profit 4yr level 5	529	48	**84.48579238**
US not-for-profit 4yr level 6	564	47	**94.76282596**
http://nces.ed.gov/programs/digest/d10/tables/dt10_276.asp			

Apportionment of United States House of Representative Seats among states			
	X	Y	
Year in effect	no. House seats	no. US states	% explained variation
1789	65	13	**58.4**
1793	105	15	**74.6**
1803	142	17	**80.6**
1813	182	18	**56.6**
1823	213	24	**92.8**
1833	223	26	**55.6**
1843	234	31	**69.0**
1853	240	24	**71.3**
1863	241	34	**81.6**
1873	292	37	**75.4**
1883	325	38	**63.5**
1893	356	44	**78.6**
1903	386	45	**75.3**
1913	435	50	**86.3**
1933	435	48	**68.7**
1943	435	48	**75.5**
1953	435	48	**70.8**
1963	435	48	**70.7**
1973	435	50	**85.9**
1983	435	50	**87.3**
1993	435	50	**84.5**
2003	435	50	**87.3**
2013	435	50	**87.4**
http://www.census.gov/population/apportionment/			

Nobel prizes among countries (2010)			
	X	Y	
	no. Nobel laureates	no. countries with Nobel laureates	% explained variation
All Nobel Prizes	960	69	**71.9**
http://www.bbc.co.uk/news/magazine-11500373		http://www.nobelprize.org/nobel_prizes/nobelprize_facts.html	

Playoff games won by NHL teams			
	X	Y	
Year	no. playoff games won	no. teams	% explained variation
2011-2012	86	16	**85.0**
2010-2011	89	15	**67.7**
2009-2010	89	16	**63.2**
2008-2009	87	13	**64.7**
2007-2008	85	15	**61.3**
2006-2007	81	15	**91.2**
2005-2006	83	15	**95.8**
2003-2004	89	16	**83.9**
2002-2003	89	15	**83.6**
2001-2002	90	16	**88.8**
2000-2001	86	14	**77.0**
1999-2000	83	14	**95.0**
1998-1999	86	13	**70.8**
1997-1998	82	15	**86.9**
http://www.nhl.com			

Home runs hit by MLB rookies			
	X	Y	
Year	no. home runs hit by rookies	no. rookies that hit home runs	% explained variation
2012 (incomplete)	71	15	**52.6**
2011	264	28	**63.9**
2010	359	50	**62.4**
2009	157	17	**71.0**
http://mlb.mlb.com/index.jsp			

Home runs among players of MLB teams*			
	X	Y	
Year and team	no. home runs hit	no. players that hit home runs	% explained variation
2011_Boston_Red_Sox	203	18	**81.4**
2010_Boston_Red_Sox	211	20	**96.9**
2009_Boston_Red_Sox	212	24	**84.8**
2008_Boston_Red_Sox	173	15	**88.5**
2007_Boston_Red_Sox	166	16	**76.7**
2006_Boston_Red_Sox	192	19	**87.8**
2005_Boston_Red_Sox	199	18	**89.5**
2004_Boston_Red_Sox	222	20	**95.7**
2003_Boston_Red_Sox	238	15	**95.0**
2002_Boston_Red_Sox	177	16	**90.5**
2011_New_York_Yankees	222	16	**92.6**
2010_New_York_Yankees	201	16	**80.2**
2009_New_York_Yankees	244	16	**87.4**
2008_New_York_Yankees	180	18	**94.0**
2007_New_York_Yankees	201	15	**93.5**
2006_New_York_Yankees	210	20	**94.9**
2005_New_York_Yankees	229	15	**86.8**
2004_New_York_Yankees	242	16	**90.2**
2003_New_York_Yankees	230	19	**90.7**
2002_New_York_Yankees	223	15	**93.0**
2011_St_Louis_Cardinals	162	17	**82.5**
2010_St_Louis_Cardinals	150	20	**93.1**
2009_St_Louis_Cardinals	160	20	**96.7**
2008_St_Louis_Cardinals	174	16	**87.8**
2007_St_Louis_Cardinals	141	21	**93.4**
2006_St_Louis_Cardinals	184	20	**91.2**
2005_St_Louis_Cardinals	170	20	**86.6**
2004_St_Louis_Cardinals	214	16	**84.5**
2003_St_Louis_Cardinals	196	17	**95.9**
2002_St_Louis_Cardinals	175	18	**90.0**
2011_San_Francisco_Giants	121	21	**87.1**
2010_San_Francisco_Giants	162	19	**78.2**
2009_San_Francisco_Giants	122	17	**94.8**
2008_San_Francisco_Giants	94	18	**86.7**
2007_San_Francisco_Giants	131	18	**96.7**
2006_San_Francisco_Giants	163	20	**89.7**
2005_San_Francisco_Giants	128	18	**74.4**
2004_San_Francisco_Giants	183	17	**92.4**
2003_San_Francisco_Giants	180	18	**87.6**
2002_San_Francisco_Giants	198	17	**92.0**
2011_Philadelphia_Phillies	153	15	**85.4**
2010_Philadelphia_Phillies	166	18	**90.8**
2009_Philadelphia_Phillies	224	16	**91.5**
2008_Philadelphia_Phillies	214	15	**90.3**
2007_Philadelphia_Phillies	213	16	**91.6**
2006_Philadelphia_Phillies	216	16	**89.4**
2005_Philadelphia_Phillies	167	15	**98.6**
2004_Philadelphia_Phillies	215	18	**96.2**
2003_Philadelphia_Phillies	166	15	**95.6**
2002_Philadelphia_Phillies	165	17	**92.1**
2011_Chicago_White_Sox	154	15	**94.4**
2010_Chicago_White_Sox	177	18	**97.0**
2009_Chicago_White_Sox	184	17	**87.7**
2008_Chicago_White_Sox	235	14	**62.7**
2007_Chicago_White_Sox	190	17	**90.9**
2006_Chicago_White_Sox	236	17	**80.9**
2005_Chicago_White_Sox	200	14	**92.8**
2004_Chicago_White_Sox	242	18	**95.1**
2003_Chicago_White_Sox	220	16	**88.0**
2002_Chicago_White_Sox	217	18	**90.1**
2011_Florida_Marlins	149	15	**88.9**

2010_Florida_Marlins	152	17	**92.3**
2009_Florida_Marlins	159	17	**92.2**
2008_Florida_Marlins	208	14	**77.1**
2007_Florida_Marlins	201	16	**89.5**
2006_Florida_Marlins	182	15	**83.5**
2005_Florida_Marlins	128	16	**87.9**
2004_Florida_Marlins	148	20	**82.5**
2003_Florida_Marlins	157	15	**91.1**
2002_Florida_Marlins	146	17	**89.5**
2011_Los_Angeles_Angels	155	14	**82.2**
2010_Los_Angeles_Angels	155	16	**93.8**
2009_Los_Angeles_Angels	173	15	**91.7**
2008_Los_Angeles_Angels	159	17	**78.9**
2007_Los_Angeles_Angels	123	17	**95.3**
2006_Los_Angeles_Angels	159	18	**94.3**
2005_Los_Angeles_Angels	147	16	**78.2**
2004_Los_Angeles_Angels	162	19	**90.5**
2003_Los_Angeles_Angels	150	16	**91.3**
2002_Los_Angeles_Angels	152	14	**93.4**
*won the World Series between 2002 and 2011		http://mlb.mlb.com/index.jsp	