

References

- Afzal M. (1988) Consequences of consanguinity on cognitive behavior. *Behavior Genetics* **18**, 583-594.
- Agarwal SS, Singh U, Singh PS, Singh SS, Das V, Sharma A. *et al.* (1991) Prevalence and spectrum of congenital malformations in a prospective study at a teaching hospital. *Indian Journal of Medical Research* **94**, 413-419.
- Ahmed AH. (1979) Consanguinity and schizophrenia in Sudan. *British Journal of Psychiatry* **134**, 635-636.
- Ai Q, Haligamu, Ke Q, Tong J, Zhang B, Wang Z, Jiang Y. (1985) A survey of five minority nationalities' consanguineous marriage in Yili, Xinjiang. *Acta Anthropologica Sinica* **4**, 242-249. [In Chinese].
- Al-Abdulkareem AA, Ballal SG. (1998) Consanguineous marriage in an urban area of Saudi Arabia: rates and adverse health effect on the offspring. *Journal of Community Health* **23**, 75-83.
- Al Arrayed S. (1994) Consanguinity in the state of Bahrain. In *Medical Genetics in the Setting of Middle Eastern Populations*, ed. MAF El-Hazmi, pp. 97-101. Riyadh: King Abdul Aziz City for Science and Technology.
- Al-Arrayed S, Hamamy H. (2012) The changing profile of consanguinity rates in Bahrain, 1990-2009. *Journal of Biosocial Science* **44**, 313-319.
- Al-Awadi SA, Naguib KK, Moussa MA, Farag TI, Teebi AS, El-Khalifa MY. (1986) The effect of consanguineous marriages on reproductive wastage. *Clinical Genetics* **29**, 384-388.
- Al-Gazali LI, Bener A, Abdulrazzaq YM, Micallef R, Al-Khayat, AI Gaber, T. (1997) Consanguineous marriages in the United Arab Emirates. *Journal of Biosocial Science* **29**, 491-497.
- Al-Hamamy H, Al-Bayati N, Al-Kubaisy W. (1986) Consanguineous matings in the Iraqi urban population and the effect on pregnancy outcome and infant mortality. *Iraqi Medical Journal* **34**, 75-80.
- Al-Husain M, Al-Bunyan M. (1997) Consanguineous marriages in a Saudi population and the effect of inbreeding on prenatal and postnatal mortality. *Annals of Tropical Paediatrics* **17**, 155-160.
- Al-Naser YE. (1994) The role of consanguineous marriage on infant and child mortality in Bahrain. In *Medical Genetics in the Setting of Middle Eastern Populations*, ed. MAF El-Hazmi, pp. 102-118. Riyadh, King Abdul Aziz City for Science and Technology.
- Ali SGM. (1968) Inbreeding and endogamy in Kerala (India). *Acta Genetica et Statistica Medica* **18**, 369-379.
- Alper ÖM, Erengin H, Manguoğlu AE, Bilgen T, Çetin Z, Dedeoğlu N, Lüleci G. (2004) Consanguineous marriages in the province of Antalya, Turkey. *Annales de Génétique* **47**, 129-138.
- Al-Salem M, Rawashdeh N. (1993) Consanguinity in North Jordan: prevalence and pattern. *Journal of Biosocial Science* **25**, 553-556.

- Ansari SA, Sinha SP. (1978) Survey on the effects of inbreeding in two populations of Bihar. *Indian Journal of Medical Research* **68**, 295-299.
- Assaf S, Khawaja M. (2009) Consanguinity trends and correlates in the Palestinian Territories. *Journal of Biosocial Science* **41**, 107-124.
- Azevedo ES, Freire-Maia N, Azevedo MCC, Weimer TA, Souza MMM. (1980) Inbreeding in a Brazilian general hospital. *Annals of Human Genetics* **43**, 255-265.
- Badr FM. (1972) Genetic studies of Egyptian Nubian population. Frequency and types of consanguineous marriages. *Human Heredity* **22**, 387-398.
- Baki A, Karagüzel A, Beser E, Çakmakçi T, Uçar F, Ümeroglu A. (1992) Consanguineous marriages in the Province of Trabzon, Turkey. *East African Medical Journal* **69**, 94-96.
- Barbour B. & Salameh, P. (2009) Consanguinity in Lebanon: prevalence, distribution and determinants. *Journal of Biosocial Science* **41**, 505-517.
- Barth F. (1954) Father's brother's daughter marriage in Kurdistan. *South Western Journal of Anthropology* **10**, 164-171.
- Başaran N, Şayli BS, Başaran A, Solak M, Artan S, Stevenson J.D. (1988) Consanguineous marriages in the Turkish population. *Clinical Genetics* **34**, 339-341.
- Bashi J. (1977) Effects of inbreeding on cognitive performance. *Nature* **266**, 440-442.
- Basu SK. (1975) Effect of consanguinity among North Indian Muslims. *Journal of Population Research* **2**, 57-68.
- Basu SK. (1978) Effects of consanguinity among Muslim groups of India. In *Medical Genetics in India*, vol. **2**, ed. IC Verma, pp. 173-187. Pondicherry, Auroma Enterprises.
- Bayoumi RA, Taha TSM, Saha N. (1985) A study of some genetic characteristics of the Fur and Baggara tribes of the Sudan. *American Journal of Physical Anthropology* **67**, 363-370.
- Bear JC, Nemeč TF, Kennedy JC, Marshall WH, Power AA, Kolonel VM, Burke GB. (1988) Inbreeding in Outport, Newfoundland. *American Journal of Medical Genetics* **29**, 649-660.
- Becker R, Keller T, Wegner R-D, Neitzel H, Stumm M, Knoll U, Stark M, Fangerau H, Bittles A. (2015) Consanguinity and pregnancy outcomes in a multi-ethnic metropolitan European population. *Prenatal Diagnosis* **35**, 81-89. DOI: 10.1002/pd.4487.
- Benallègue A, Kedji F. (1984) Consanguinité et santé publique: Etude algérienne. *Archives Francaises de Pediatrie* **41**, 435-440. [In French].
- Bener A, Alali KA. (2006) Consanguineous marriage in a newly developed country: the Qatari population. *Journal of Biosocial Science* **38**, 239-246.

- Bennett R, Motulsky AG, Bittles AH, Hudgins L, Uhrich S, Lochner Doyle D. *et al.* (2002) Genetic counseling and screening of consanguineous couples and their offspring: Recommendations of the National Society of Genetic Counselors. *Journal of Genetic Counseling* **11**, 97-119.
- Bhasin MK & Nag S. (2002) Consanguinity and its effects on fertility and child survival among Muslims of Ladakh in Jammu and Kashmir. In *Anthropology: Trends and Applications*, ed. MK Bhasin & SL Malik. New Delhi, Kamla-Raj, pp. 131-140.
- Bhatta DN, Haque A. (2015) Health problems, complex life, and consanguinity among ethnic minority women in Nepal. *Ethnicity & Health* **20**, 633-649.
- Bhopal R, Petherick ES, Wright J, Small N. (2014) Potential social, economic and general health benefits of consanguineous marriage: results from the Born in Bradford cohort study. *European Journal of Public Health* **24**, 862-869.
- Bigozzi U, Conti C, Guazzelli R, Montali E, Salti F. (1970) Morbilita e mortalita nella prole di 300 coppie di coniugi consanguinei nel Comune di Firenze. *Acta Genetica Medica Gemellologiae* **19**, 515-528. [In Italian].
- Bittles AH. (1990) *Consanguineous Marriage: Current Global Incidence and its Relevance to Demographic Research*. Population Research Center, Report number 90-186. Ann Arbor, University of Michigan.
- Bittles AH. (1994) The role and significance of consanguinity as a demographic variable. *Population and Development Review* **20**, 561-584.
- Bittles AH. (1995a) When cousins marry: a review of consanguinity in the Middle East. *Perspectives in Human Biology* **1**, 71-83.
- Bittles AH. (1995b) The influence of consanguineous marriage on reproductive behaviour in India and Pakistan. In *Diversity and Adaptability in Human Populations*, eds. AJ Boyce & V Reynolds, pp. 72-85. Oxford, Oxford University Press.
- Bittles AH. (1998) *Empirical Estimates of the Global Prevalence of Consanguineous Marriage in Contemporary Societies*. Morrison Institute for Population and Resource Studies, Working Paper number 74. Stanford, Stanford University.
- Bittles AH. (2001) Consanguinity and its relevance to clinical genetics. *Clinical Genetics* **60**, 89-98.
- Bittles AH. (2002) Endogamy, consanguinity and community genetics. *Journal of Genetics* **81**, 91-98.
- Bittles AH. (2003) The bases of Western attitudes to consanguineous marriage. *Developmental Medicine and Child Neurology* **45**, 135-138.
- Bittles AH. (2003) Consanguineous marriage and childhood health. *Developmental Medicine and Child Neurology* **45**, 571-576.
- Bittles AH. (2005) Endogamy, consanguinity and community disease profiles. *Community Genetics* **8**, 17-20.
- Bittles AH. (2005) Population stratification and genetic association studies in South Asia. *Journal of Molecular and Genetic Medicine* **1**, 43-48.
- Bittles AH. (2008) A Community Genetics perspective on consanguineous marriage. *Community Genetics* **11**, 324-330.
- Bittles AH. (2012) *Consanguinity in Context*. Cambridge, Cambridge University Press.

- Bittles AH, Black ML. (2010a) Evolution in health and medicine Sackler colloquium: Consanguinity, human evolution and complex diseases. *Proceedings of the National Academy of Sciences USA* **107**, 1779-1786.
- Bittles AH, Black ML. (2010b) The impact of consanguinity on neonatal and infant health. *Early Human Development* **86**, 737-741.
- Bittles AH, Grant JC, Shami SA. (1993) An evaluation of consanguinity as a determinant of reproductive behaviour and mortality in Pakistan. *International Journal of Epidemiology* **22**, 463-467.
- Bittles AH, Grant JC, Sullivan SG, Hussain R. (2002) Does inbreeding lead to decreased human infertility? *Annals of Human Biology* **29**, 111-131.
- Bittles AH, Hussain R. (2000) An analysis of consanguineous marriage in the Muslim population of India at regional and state levels. *Annals of Human Biology* **27**, 163-171.
- Bittles AH, Makov U. (1988) Inbreeding in human populations: assessment of the costs. In *Mating Patterns*, eds. CGN Mascie-Taylor & AJ Boyce, pp. 153-167. Cambridge, Cambridge University Press.
- Bittles AH, Mason WM, Greene J, Appaji Rao N. (1991) Reproductive behavior and health in consanguineous marriages. *Science* **252**, 789-794.
- Bittles AH, Neel JV. (1994) The costs of human inbreeding and their implications for variation at the DNA level. *Nature Genetics* **8**, 117-121.
- Bittles AH, Shami SA, Appaji Rao N. (1992) Consanguineous marriage in Southern Asia: incidence, causes and effects. In *Minority Populations: Genetics, Demography and Health*, eds. AH Bittles & DF Roberts, pp. 102-118. London, Macmillan.
- Bittles AH, Savithri HS, Venkatesha Murthy HS, Baskaran G, Wang W, Cahill J. *et al.* (2000) Human inbreeding: a familiar story full of surprises. In *Ethnicity and Health*, eds. H Macbeth & P Shetty, pp. 68-78. London, Taylor and Francis.
- Blanco Villegas MJ, Boattini A, Otero HR, Pettener D. (2004) Inbreeding patterns in La Cabrera, Spain: dispensations, multiple consanguinity analysis, and isonymy. *Human Biology* **76**, 191-210.
- Bonné, B. (1963) The Samaritans: a demographic study. *Human Biology* **35**, 61-89.
- Böök JA. (1948) The frequency of cousin marriages in three North Swedish parishes. *Hereditas* **34**, 252-255.
- Böök JA. (1957) Genetical investigations in a north Swedish population. The offspring of first-cousin marriages. *Annals of Human Genetics* **21**, 191-223.
- Böök JA, Mawe CE. (1955) The incidence of cousin marriage in a west-Swedish rural community. *American Journal of Human Genetics* **7**, 426-429.
- Bratt C.S. (1984) Incest statutes and the fundamental right of marriage: is Oedipus free to marry? *Family Law Quarterly* **18**, 257-309.
- Brown JS. (1951) Social class, intermarriage, and church membership in a Kentucky community. *American Journal of Sociology* **57**, 232-242.

- Bunday S, Alam H, Kaur A, Mir S, Lancashire RJ. (1990) Race, consanguinity and social features in Birmingham babies: a basis for a prospective study. *Journal of Epidemiology and Community Health* **44**, 130-135.
- Calderón R, Peña JA, Morales B, Guevara JI. (1993) Inbreeding patterns in the Basque Country (Alava Province, 1831-1980). *Human Biology* **65**, 743-770.
- Calderón R, Peña JA, Delgado J, Morales B. (1998) Multiple kinship in two Spanish regions: new model relating multiple and simple consanguinity. *Human Biology* **70**, 535-561.
- Castilla EE, Gomez MA, Lopez-Camelo JS, Paz JE. (1991) Frequency of first-cousin marriages from civil marriage certificates in Argentina. *Human Biology* **63**, 203-210.
- Central Organization for Statistics and Information Technology (COSIT) (2005) *Iraq Living Conditions Survey 2004: Vol. II: Analytical Report*. Baghdad, Ministry of Planning and Development Cooperation.
- Chaleby K, Tuma TA. (1987) Cousin marriages and schizophrenia in Saudi Arabia. *British Journal of Psychiatry* **150**, 547-549.
- Chantrelle P, Dupire M. (1964) L'endogamie des peuple du Fouta-Djallon. *Population* **19**, 529-558.
- Coleman DA. (1980) A note on the frequency of consanguineous marriages in Reading, England in 1972/1973. *Human Heredity* **30**, 278-285.
- Cook R, Hanslip A. (1966) Mortality among offspring of consanguineous marriage in a rural area of East Jordan. *Journal of Tropical Pediatrics* **March**, 95-99.
- Czeilel A, Bodnar L, Illei G, Molnar A. (1976) The occurrence of consanguineous marriages in Hungary. *Human Heredity* **26**, 110-112.
- Da Cunha EMA. (1986-7) Consanguinity in the Azores Islands 1979-85. *Antropologia Portuguesa* **4-5**, 67-79.
- Da Fonseca LG, Freire-Maia N. (1970) Further data on inbreeding levels in Brazilian populations. *Social Biology* **17**, 324-328.
- Darr A, Modell B. (1988) The frequency of consanguineous marriage among British Pakistanis. *Journal of Medical Genetics* **25**, 186-190.
- De Braekeleer M, Ross M. (1991) Inbreeding in Saguenay-Lac-St-Jean (Québec, Canada): a study of Catholic Church dispensations. *Human Heredity* **41**, 379-384.
- de Costa C. (1988) Pregnancy outcomes in Lebanese-born women in Western Sydney. *Medical Journal of Australia* **149**, 457-460.
- Demirel S, Kaplanoğlu N, Acar A, Bodur S, Paydak F. (1997) The frequency of consanguinity in Konya, Turkey, and its medical effects. *Genetic Counseling* **8**, 295-301.
- Denic S, Aden B, Nagelkerke N, Al Essa A. (2013) β -thalassemia in Abu Dhabi: consanguinity and tribal stratification are major factors explaining the high prevalence of the disease. *Hemoglobin* **37**, 351-358.

- Dewey WJ, Barrai I, Morton NE, Mi MP. (1965) Recessive genes in severe mental defect. *American Journal of Human Genetics* **17**, 237-256.
- Dronamraju KR, Meera Khan P. (1963) The frequency and effects of consanguineous marriages in Andhra Pradesh. *Journal of Genetics* **58**, 387-401.
- Du R-B, Zhao Z-L, Xu L-J, Wang Y-F, Cui W-Y, Mao Z-R. *et al.* (1981) Percentage and types of consanguineous marriages of different nationalities and regions in China. *National Medical Journal of China* **61**, 723-728. [In Chinese].
- El-Alfi OS, Bahig AH, Abdul Salam T, Shaath R. (1969) Birth weights in Kuwait, and their relation to consanguinity and to birth order. *Journal of the Kuwait Medical Association* **3**, 227-231.
- El-Mouzan MI, Al-Salloum AA, Al-Herbish AS, Qurachi MM, Al-Omar AA. (2007) Regional variations in the prevalence of consanguinity in Saudi Arabia. *Saudi Medical Journal* **28**, 1881-1884.
- El-Hazmi MAF, Al-Swailem AR, Warsy AS, Al-Swailem AM, Sulaimani R, Al-Meshari, AA. (1995) Consanguinity among the Saudi Arabian population. *Journal of Medical Genetics* **52**, 623-626.
- El-Kheshen G, Saadat M. (2013) Prevalence of consanguineous marriages among Shi'a populations of Lebanon. *Journal of Biosocial Science* **45**, 675-682.
- Farhud DD, Mahmoudi M, Kamali MS, Marzban M, Andonian L, Saffart R. (1991) Consanguinity in Iran. *Iranian Journal of Public Health* **20**, 1-13.
- Flynn M. (1986) Mortality, morbidity and marital features in the Irish Midlands. *Irish Medical Journal* **79**, 308-310.
- Fraccaro M. (1957) A note on consanguineous marriages in Italy. *Eugenics Quarterly* **4**, 36-39.
- Freire-Maia N. (1957) Inbreeding levels in different countries. *Eugenics Quarterly* **4**, 127-138.
- Freire-Maia N. (1968) Inbreeding levels in American and Canadian populations: a comparison with Latin America. *Eugenics Quarterly* **15**, 22-33.
- Freire-Maia N, Krieger H. (1963) A Jewish isolate in Southern Brazil. *Annals of Human Genetics* **27**, 31-39.
- Freundlich E, Hino N. (1984) Consanguineous marriage among rural Arabs in Israel. *Israel Journal of Medical Sciences* **20**, 1035-1038.
- Fujiki N, Nishigaki I, Mano K. (1982) Genetic polymorphisms in isolated communities. *Japanese Journal of Human Genetics* **27**, 121-130.
- Furusho T. (1979) Incidence of consanguineous marriages in Tokyo and Yokohama. *Japanese Journal of Human Genetics* **24**, 293-294.
- Fuster V. (2003) Inbreeding pattern and reproductive success in a rural community from Galicia (Spain). *Journal of Biosocial Science* **35**, 83-93.
- Gev D, Roguin N, Freundlich E. (1986) Consanguinity and congenital heart disease in the rural Arab population in Northern Israel. *Human Heredity* **36**, 213-217.

- Ginter EK, Garkavtzeva RF, Revasov AA. (1980) Population structure and hereditary diseases in Uzbekistan. In *Population Structure and Genetic Disorders*, eds. AW Eriksson, HR Forsius, HR Nevanlinna, PL Workman, RK Norio, pp. 327-337. New York, Academic Press.
- Glinka J. (1994) Consanguineous marriage. In *Culture, Gospel and Church*, ed. PF Gesch, pp. 92-99. Madang, Divine Word Mission.
- Goldschmidt E. (1963) Immigrant Jews from Cochin. In *Genetics of Migrant and Isolate Populations*, ed. E Goldschmidt, pp. 352-353. New York, Williams & Wilkins.
- Goldschmidt E, Ronen A, Ronen I. (1960) Changing marriage pattern systems in the Jewish communities of Israel. *Annals of Human Genetics* **24**, 191-204.
- Goltzova TV. (1981) Consanguineous marriages, inbreeding and its effects in Taimyr Nganasans. *Genetika* **17**, 896-905. [In Russian].
- Gomez Gomez P. (1989) Consanguinity: geographical variation and temporal evolution in the North of the Iberian peninsula, 1918-1968 (Leon, Spain). *International Journal of Anthropology* **4**, 119-124.
- Gordon M, Gorman DR, Hashem S, Stewart DGT. (1991) The health of Travellers' children in Northern Ireland. *Public Health* **105**, 387-391.
- Goswami HK. (1970) Frequency of consanguineous marriages in Madhya Pradesh. *Acta Geneticae Medicae et Gemellologiae* **19**, 486-490.
- Grant JC, Bittles AH. (1997) The comparative role of consanguinity in infant and child mortality in Pakistan. *Annals of Human Genetics* **61**, 143-149.
- Gunaid AA, Hummad NA, Tamim KA. (2004) Consanguineous marriage in the capital city Sana'a, Yemen. *Journal of Biosocial Science* **36**, 111-121.
- Güz K, Dedeoglu N, Lüleci G. (1989) The frequency and medical effects of consanguineous marriages in Antalya, Turkey. *Hereditas* **111**, 79-83.
- Habib Z, Böök JA. (1983) Consanguinity and the incidence of thalassaemia in Egypt. *Hereditas* **99**, 215-217.
- Hafez M, El-Tahan H, Awadalla M, El-Khayat H, Abdel-Gafar A, Ghoneim M. (1983) Consanguineous matings in the Egyptian population. *Journal of Medical Genetics* **20**, 58-60.
- Hamamy HA, Al-Hakkak ZS. (1989) Consanguinity and reproductive health in Iraq. *Human Heredity* **39**, 271-275.
- Hamamy H, Jamhawi L, Al-Darawsheh J, Ajlouni K. (2005) Consanguineous marriages in Jordan: why is the rate changing with time? *Clinical Genetics* **76**, 511-516.
- Hampshire KR, Smith MT. (2001) Consanguineous marriage among the Fulani. *Human Biology* **73**, 597-603.
- Honeyman MM, Bahl L, Marshall T, Wharton BA. (1987) Consanguinity and fetal growth in Pakistani Moslems. *Archives of Disease in Childhood* **62**, 231-235.
- Hoodfar E, Teebi, A. (1996) Genetic referrals of Middle Eastern origin in a western city: inbreeding and disease profile. *Journal of Medical Genetics* **33**, 212-215.

- Hosoda Y, Fujiki K, Nakajima A. (1983) A research of consanguinity in Japanese young couples. *Japanese Journal of Human Genetics* **28**, 205-207.
- Hosseini-Chavoshi M, Abbasi MJ, Bittles AH. (2014) Consanguineous marriage, reproductive behaviour and postnatal mortality in contemporary Iran. *Human Heredity*, **77**, 16-25.
- Huq F. (1976) Consanguinity and inbreeding among the Muslims of Murshidabad and Birbhum Districts of West Bengal. *Journal of the Indian Anthropological Society* **11**, 21-25.
- Hussain R. (1999) Community perceptions of reasons for preference for consanguineous marriages in Pakistan. *Journal of Biosocial Science* **31**, 449-461.
- Hussain R, Bittles AH. (1998) The prevalence and demographic characteristics of consanguineous marriages in Pakistan. *Journal of Biosocial Science* **30**, 261-275.
- Hussain R, Bittles AH. (1998) Differentials in age at marriage, contraceptive use and fertility in consanguineous marriages in Pakistan. *Journal of Biosocial Science* **31**, 121-138.
- Hussien FH. (1971) Endogamy in Egyptian Nubia. *Journal of Biosocial Science* **3**, 251-257.
- Imaizumi Y, Shinozaki N, Aoki H. (1975) Inbreeding in Japan: results of a nation-wide study. *Japanese Journal of Human Genetics* **20**, 91-107.
- Imaizumi Y. (1986) A recent survey of consanguineous marriages in Japan. *Clinical Genetics* **30**, 230-233.
- Islam MM. (2012) The practice of consanguineous marriage in Oman: prevalence, trends and determinants. *Journal of Biosocial Science* **44**, 571-594.
- Jabeen N, Malik S.B. (2014) Consanguinity and its sociodemographic differentials in Bhimber District, Azad Jammu and Kashmir, Pakistan. *Journal of Health, Population and Nutrition* **32**, 310-313.
- Jaber L, Bailey-Wilson JE, Haj-Yehia M, Hernandez J, Shohat M. (1994) Consanguineous matings in an Israeli-Arab community. *Archives of Pediatric and Adolescent Medicine* **148**, 412-415.
- Jaber L, Halpern GJ, Shohat T. (2000) Trends in the frequencies of consanguineous marriages in the Israeli Arab community. *Clinical Genetics* **58**, 106-110.
- Joseph SE. (2007) "Kissing Cousins": consanguineous marriage and early mortality in a reproductive isolate. *Current Anthropology* **48**, 756-764.
- Jurdi R, Saxena PC. (2003) The prevalence and correlates of consanguineous marriages in Yemen: similarities and contrasts with other Arab countries. *Journal of Biosocial Science* **35**, 1-13.
- Kaku M, Freire-Maia N. (1990) Inbreeding effect on morbidity: IV. Further data in Brazilian populations. *American Journal of Medical Genetics* **42**, 420-423.
- Kapadia KM. (1958) *Marriage and the Family in India*. Calcutta, Oxford University Press.
- Kaplan S, Pinar G, Kaplan B, Aslantekin F, Karabulut E, Ayar B, Dilmen U. (2016) The prevalence of consanguineous marriages and affecting factors in Turkey: a national survey. *Journal of Biosocial Science* doi:19.1017/S0021932016000055.

- Khlat M. (1988) Consanguineous marriage and reproduction in Beirut, Lebanon. *American Journal of Human Genetics* **43**, 188-196.
- Khoury MJ, Cohen BH, Diamond EL, Chase GA, McKusick VA. (1987) Inbreeding and prereproductive mortality in the Old Order Amish. I. Genealogic epidemiology of inbreeding. *American Journal of Epidemiology* **125**, 453-461.
- Khoury SA, Massad D. (1992) Consanguineous marriage in Jordan. *American Journal of Medical Genetics* **43**, 769-775.
- Kilpatrick SJ, Mathers JD, Stevenson AC. (1955) The importance of population fertility and consanguinity data being available in medico-social studies. Some data on consanguineous marriages in Northern Ireland. *Ulster Medical Journal* **24**, 113-122.
- Klat M, Khudr A. (1984) Religious endogamy and consanguinity in marriage patterns in Beirut, Lebanon. *Social Biology* **33**, 138-145.
- Koç I. (2008) Prevalence and sociodemographic correlates of consanguineous marriages in Turkey. *Journal of Biosocial Science* **40**, 137-148.
- Komai T, Tanaka K. (1972) Genetic studies on inbreeding in some Japanese populations. II. The study of school children in Shizuoka: history, frequencies of consanguineous marriages and their subtypes, and comparability in socioeconomic status among consanguinity classes. *Japanese Journal of Human Genetics* **17**, 114-148.
- Krishan G. (1986) Effect of parental consanguinity on anthropometric measurements among the Sheikh Sunni Muslim boys of Delhi. *American Journal of Physical Anthropology* **70**, 60-73.
- Kumar S, Pai RA, Swaminathan MS. (1967) Consanguineous marriages and the genetic load due to lethal genes in Kerala. *Annals of Human Genetics* **31**, 141-145.
- Lamdouar Bouazzaoui N. (1994) Consanguinité et santé publique au Maroc. *Bulletin de l'Académie Nationale de Médecine* **178**, 1013-1027. [In French].
- Larson CA. (1956) The frequency of first cousin marriages in a south Swedish rural community. *American Journal of Human Genetics* **8**, 151-153.
- Lazo B, Figueroa H, Salinas C, Campusano C, Pinto-Cisternas J. (1970) Consanguinity in the province of Valparaiso, Chile, 1917-1966. *Social Biology* **17**, 167-179.
- Lebel RR. (1983) Consanguinity studies in Wisconsin. I. Secular trends in consanguineous marriages, 1843-1981. *American Journal of Medical Genetics* **15**, 543-560.
- Liascovich R, Rittler M, Castilla EE. (2001) Consanguinity in South America: demographic aspects. *Human Heredity* **51**, 27-34.
- Magnus P, Berg K, Bjerkedal T. (1985) Association of parental consanguinity with decreased birth weight and increased rate of early death and congenital malformations. *Clinical Genetics* **28**, 335-342.
- Malhotra KC. (1979) Inbreeding among the Dhangar castes of Maharashtra, India. *Journal of Biosocial Science* **11**, 397-409.
- Masterson JG. (1970) Consanguinity in Ireland. *Human Heredity* **20**, 371-382.

- Mian A, Mushtaq R. (1994) Consanguinity in population of Quetta (Pakistan): a preliminary study. *Journal of Human Ecology* **5**, 49-53.
- Modell B. (1991) Social and genetic implications of customary consanguineous marriage among British Pakistanis. *Journal of Medical Genetics* **28**, 720-723.
- Mokhtar MM, Abdel-Fattah MM. (2001) Consanguinity and advanced maternal age as risk factors for reproductive losses in Alexandria, Egypt. *European Journal of Epidemiology* **17**, 559-565.
- Moore MJ. (1987) Inbreeding and reproductive parameters among Mennonites in Kansas. *Social Biology* **34**, 180-186.
- Nabulsi A. (1993) Mating patterns of the Abbad tribe in Jordan. *Social Biology* **42**, 162-174.
- Naderi S. (1979) Congenital abnormalities in newborns of consanguineous and non-consanguineous parents. *Obstetrics and Gynecology* **53**, 195-199.
- Na'amnih W, Romano-Zelekha O, Kabaha A, Pollack Rubin L, Bilenko N, Jaber L, Honovich M, Shohat T. (2014) Prevalence of consanguineous marriages and associated factors among Israeli Bedouins. *Journal of Community Genetics* **5**, 395-398.
- Na'amnih W, Romano-Zelekha O, Kabaha A, Rubin LP, Bilenko N, Jaber L, Honovich M, Shohat T. (2015) Continuous decrease of consanguineous marriages among Arabs in Israel. *American Journal of Human Biology* **27**, 94-98.
- Nath A, Patil C, Naik VA. (2004) Prevalence of consanguineous marriages in a rural community and its effect on pregnancy outcome. *Indian Journal of Community Medicine* **29**,
- National Institute of Population Studies (NIPS) (1992) *Pakistan Demographic and Health Survey 1990/1991*. National Institute of Population Studies, Islamabad, Pakistan and IRD/Macro International Inc., Columbia, Maryland, USA.
- National Institute of Population Studies (NIPS) [Pakistan], and Macro International Inc. (2008) *Pakistan Demographic and Health Survey 2006-07*. Islamabad, Pakistan: National Institute of Population Studies and Macro International.
- National Institute of Population Studies (NIPS) [Pakistan] and ICF International (2013) *Pakistan Demographic and Health Survey 2012-13*. Islamabad, Pakistan and Calverton, Maryland, USA: NIPS and ICF International.
- Ober C, Elias S, Kostyu DD, Hauck WW. (1992) Decreased fecundability in Hutterite couples sharing HLA-DR. *American Journal of Human Genetics* **50**, 6-14.
- Ober C, Hyslop T, Hauck WW. (1999) Inbreeding effects on fertility in humans: evidence for reproductive compensation. *American Journal of Human Genetics* **64**, 225-231.
- Othman H, Saadat M. (2009) Prevalence of consanguineous marriages in Syria. *Journal of Biosocial Science* **41**, 685-692.
- Ottenheimer M. (1990) Lewis Henry Morgan and the prohibition of cousin marriage in the United States. *Journal of Family History* **15**, 325-334.
- Paradeeva GM, Revazov, A.A. (1987) The structure of the coefficient of inbreeding in a rural Tadjik population. *Genetika* **23**, 521-527. [In Russian].

- Pedersen J. (2002) The influence of consanguineous marriage on infant and child mortality among Palestinians in the West Bank and Gaza, Jordan, Lebanon and Syria. *Community Genetics* **5**, 179-181.
- Pettener D. (1985) Consanguineous marriages in the Upper Bologna Appennine (1565-1986): microgeographic variations, pedigree structure and correlation of inbreeding secular trends with changes in population size. *Human Biology* **57**, 267-288.
- Pinto-Cisternas J, Zei G, Moroni A. (1979) Consanguinity in Spain 1911-43: general methodology, behavior of demographic variables, and regional differences. *Social Biology* **26**, 55-71.
- Port KE, Bittles AH. (2001) A population-based estimate of the prevalence of consanguineous marriage in Western Australia. *Community Genetics*. **4**, 97-101.
- PRB. (2015) *World Population Data Sheet*. Washington, D.C.: Population Reference Bureau.
- Puri RK, Verma IC, Bhargava I. (1978) Effects of consanguinity in a community in Pondicherry. In *Medical Genetics in India*, vol. **2**, ed. IC Verma, pp. 129-139. Pondicherry, Auroma Enterprises.
- Radovanovic Z, Shah N, Behbehani J. (1999) Prevalence and social correlates of consanguinity in Kuwait. *Annals of Saudi Medicine* **19**, 206-210.
- Rafiee L, Saadat M. (2011) Prevalence of consanguineous marriages among Iranian Georgians. *Journal of Biosocial Science* **43**, 47-50.
- Rajab A, Patton M. (2000) A study of consanguinity in the Sultanate of Oman. *Annals of Human Biology* **27**, 321-326.
- Rao PSS, Inbaraj SG. (1977) Inbreeding effects on human reproduction in Tamil Nadu of South India. *Annals of Human Genetics* **41**, 87-98.
- Rao PSS, Inbaraj SG, Kaliaperumal VG. (1971) An epidemiological study of consanguinity in a large South Indian town. *Indian Journal of Medical Research* **59**, 294-301.
- Reddy BM. (1992) Inbreeding effects on reproductive performance: a study based on a large sample from the endogamous Vadde of Kolleru Lake, Andhra Pradesh, India. *Human Biology* **64**, 659-682.
- Reid RM. (1976) Effects of consanguineous marriage and inbreeding on couple fertility and offspring mortality in rural Sri Lanka. *Human Biology* **48**, 139-146.
- Reniers G. (1998) *Post-migration survival of traditional marriage patterns: consanguineous marriage among Turkish and Moroccan immigrants in Belgium*. Interuniversity Papers in Demography, PPD-1-Working Paper 1998-1. Department of Population Studies, University of Gent.
- Reniers, G. (2001) The post-migration survival of traditional marriage patterns: consanguineous marriages among Turks and Moroccans in Belgium. *Journal of Comparative Family Studies*, **32**, 21-45.
- Revasov AA, Tarlicheva LV, Lavrovsky VA, Kazachenko BN, Babkin BN. (1979) Population genetics of the population of the European north of the RSFSR. IV. The level of blood relationship in 5 villages of the Pinega District, Archangel Province. *Genetika* **15**, 1494-1501. [In Russian].

- Revasov AA, Koshechkin VA, Ginter EK, Turaeva SM. (1983) Medico-genetic examination of the population of Turkmenia. II. Population structure of the Aul Izgaut of the Ashkhabad district. *Genetika* **5**, 839-846. [In Russian].
- Revasov AA, Ginter EK, Asanov AY, Garkavtzeva RF, Turaeva SM, Nurmuradov KN. *et al.* (1984) Medico-genetic examination of the population of Turkmenia. V. Population-demographic description of the Nochur isolate. *Genetika* **9**, 1541-1548. [In Russian].
- Riou SE, Younsi C, Chaabouni H. (1989) Consanguinité dans la population du Nord de la Tunisie. *La Tunisie Médicale* **67**, 167-172. [In French].
- Roberts DF. (1956) A demographic study of a Dinka village. *Human Biology* **28**, 323-349.
- Roberts DF. (1980) Genetic structure and the pathology of an isolated population. In *Population Structure and Genetic Disorders*, eds. AW Eriksson, HR Forsius, HR Nevanlinna, PL Workman, KK Norio, pp. 7-26. New York, Academic Press.
- Roberts DF, Roberts MJ, Cowie JA. (1979) Inbreeding levels in Orkney islanders. *Journal of Biosocial Science* **11**, 391-395.
- Robinson AP. (1983) Inbreeding as measured by dispensations and isonymy on a small Hebridean island, Eriskay. *Human Biology* **55**, 289-295.
- Romanus T. (1953) Frequency of consanguineous relations among applications for legal abortion and among their parents. *Acta Genetica et Statistica Medica* **4**, 266-273.
- Romeo G, Menozzi P, Mastella G, Giunta A, Lodi G, Constantini D. *et al.* (1981) Studio genetico ed epidemiologico della fibrosi cistica in Italia. *Rivista Italiano Pediatrica* **7**, 201-209. [In Italian].
- Roychoudhury AK. (1977) Inbreeding in Lakshadweep. *Man in India* **57**, 328-330.
- Saadat M, Ansari-Lari M, Farhud DD. (2004) Consanguineous marriage in Iran. *Annals of Human Biology* **31**, 263-269.
- Saadat M, Tajbakhsh K. (2013) Prevalence of consanguineous marriages in West and South of Afghanistan. *Journal of Biosocial Science* **45**, 799-806.
- Saedi-Wong S, Al-Frayh AR, Wong HYH. (1989) Socio-economic epidemiology of consanguineous matings in the Saudi Arabian population. *Journal of Asian and African Studies* **24**, 247-251.
- Saggar AK, Bittles AH. (2008) Consanguinity and child health. *Paediatrics and Child Health* **18**, 244-249.
- Saha N, El Sheikh FS. (1988) Inbreeding levels in Khartoum. *Journal of Biosocial Science* **20**, 333-336.
- Saheb AY, Bhanu BA. (1983) Consanguinity among the Irular of Tamil Nadu. *Human Science* **32**, 180-189.
- Saheb S, Naik VS. (1983) Inbreeding and marital distance among the Banjara tribe of Andhra Pradesh. *Indian Anthropologist* **13**, 55-60.
- Saheb SY, Sirajuddin SM, Raju CM, Sastry DB, Gulati RK. (1981) Consanguinity and its effects on fertility and mortality in Kodava and Amma Kodava populations of Kodagu District, Karnataka. *Indian Anthropologist* **11**, 101-123.

- Saify K, Saadat M. (2012) Consanguineous marriages in Afghanistan. *Journal of Biosocial Science*, **44**, 72-81.
- Saleem, M., Shankar, K., Sabeetha, K. (2016) A population-based cross-sectional study on consanguineous marriages in rural Tamil Nadu, India. *International Journal of Medical Science and Public Health* **5**, 1-5. DOI: 10.5455.ijmsph.2016.20112015221.
- Salzano FM. (1961) Studies on Caingang Indians. *Human Biology* **33**, 110-130.
- Sandridge AL, Takeddin J, Al-Kaabi E, Frances Y. (2010) Consanguinity in Qatar: knowledge, attitude and practice in a population born between 1946 and 1991. *Journal of Biosocial Science* **42**, 59-92.
- Sanghvi LD. (1966) Inbreeding in India. *Eugenics Quarterly* **13**, 291-301.
- Sanghvi LD, Varde DS, Master HR. (1956) Frequency of consanguineous marriages in twelve endogamous groups in Bombay. *Acta Genetica et Statistica Medica* **6**, 41-49.
- Santos S, Kok F, Weller M, Lopes de Paiva FR, Otto PO. (2010) Inbreeding levels in Northeast Brazil: strategies for the prospecting of new genetic disorders. *Genetics and Molecular Biology* **33**, 220-223.
- Saugstad LF. (1977) Inbreeding in Norway. *Annals of Human Genetics* **40**, 481-491.
- Schull WJ. (1958) Empirical risks in consanguineous marriages: sex ratio, malformation, and viability. *American Journal of Human Genetics* **10**, 294-343.
- Schull WJ, Nagano H, Yamamoto M, Komatsu I. (1970) The effects of parental consanguinity and inbreeding in Hirado, Japan. I. Stillbirths and prereproductive mortality. *American Journal of Human Genetics* **22**, 239-262.
- Schull WJ, Neel JV. (1972) The effects of parental consanguinity and inbreeding in Hirado, Japan. V. Summary and interpretation. *American Journal of Human Genetics* **24**, 425-453.
- Scott-Emuakpor AB. (1974) The mutation load in an African population. I. An analysis of consanguineous marriages in Nigeria. *American Journal of Human Genetics* **26**, 674-682.
- Serenius F, Edressee AW, Swailem AR. (1988) Characteristics of the obstetric population in a Saudi maternity hospital. *Acta Paediatrica Scandinavica* **346** Supplement, 29-43.
- Shami SA. (1983) Consanguineous marriages in Mianchannu and Muridke (Punjab) Pakistan. *Biologia* **29**, 19-30.
- Shami SA., Hussain SB. (1984) Consanguinity in the population of Gujrat (Punjab), Pakistan. *Biologia* **30**, 93-109.
- Shami SA, Iqbal I. (1983) Consanguineous marriages in the population of Sheikhpura (Punjab), Pakistan. *Biologia* **29**, 231-244.
- Shami SA, Minhas IB. (1984) Effects of consanguineous marriages on offspring mortality in the City of Jhelum (Punjab), Pakistan. *Biologia* **30**, 153-165.
- Shami SA, Siddiqui H. (1984) The effects of parental consanguinity in Rawalpindi City (Punjab), Pakistan. *Biologia* **30**, 189-200.

- Shami SA, Zahida (1982) Study of consanguineous marriages in the population of Lahore (Punjab), Pakistan. *Biologia* **28**, 1-15.
- Shami SA, Qaisar R, Bittles AH. (1991) Consanguinity and adult morbidity in Pakistan. *The Lancet* **338**, 954-955.
- Sharkia R, Zaid M, Athamna A, Cohen D, Azem A, Zalan A. (2007) The changing pattern of consanguinity in a selected region of the Israeli Arab community. *American Journal of Human Biology* **20**, 72-77.
- Sharkia R, Zaid M, Mahajnah M, Athamny E, Khatib M, Sheikh-Muhammad A, Zalan A. (2016) Changes in marriage patterns among the Arab community in Israel over a 60-year period. *Journal of Biosocial Science* **48**, 283-287.
- Sheets J. (1980) Population structure of depreciated communities: I. The 1977 genetic demographics of Colonsay and Jura Islands, the Scottish Inner Hebrides. *Social Biology* **27**, 114-129.
- Simsek S, Türe M, Tugrul B, Mercan N, Türe H, Akdag B. (1999) Consanguineous marriages in Denizli, Turkey. *Annals of Human Biology* **26**, 489-491.
- Sirajuddin SM, Basu A. (1984) Population structure, consanguinity and its effect on fertility and mortality among Chenchu of Andhra Pradesh. *Human Science* **33**, 170-200.
- Sirdah M. (2014) Consanguinity profile in the Gaza Strip of Palestine: Large-scale community-based study. *European Journal of Medical Genetics* **57**, 90-94.
- Sonkar VK, Narlawar UW, Inamdar IAF, Doibale MK. (2013) Consanguineous marriages and reproductive behaviour: a study from Vidarbha region of Maharashtra. *National Journal of Community Medicine*, **4**, 433-438.
- Sørbye IK, Stoltenberg C, Sundby J, Dalveit AK, Vangen S. (2014) Stillbirth and infant death among generations of Pakistani immigrant descent: a population-based study. *Acta Obstetrica et Gynecologica* **93**, 168-174.
- Spuhler JN, Kluckhohn C. (1989) Inbreeding coefficients of the Ramah Navaho population. *Human Biology* **61**, 703-25 and 726-730.
- Srinivasan S, Mukherjee DP. (1976) Inbreeding among some Brahman populations of Tamil Nadu. *Human Heredity* **26**, 131-136.
- Stevenson AC, Warnock HA. (1959) Observations on the results of pregnancies in women resident in Belfast. I. Data relating to all pregnancies ending in 1957. *Annals of Human Genetics* **23**, 382-391.
- Stevenson AC, Johnston HA, Stewart MIP, Golding DR. (1966) Congenital malformations: a report of a study of series of consecutive births in 24 centres. *Bulletin of the World Health Organization* **34** supplement, 1-125.
- Stevenson AC, Say B, Ustaoglu S, Durmus Z. (1976) Aspects of pre-eclamptic toxemia of pregnancy, consanguinity, and twinning in Ankara. *Journal of Medical Genetics* **13**, 1-8.
- Sthanadar AA, Bittles AH, Zahid M. (2014) Civil unrest and the current profile of consanguineous marriage in Khyber Pukhtunkhwa Province, Pakistan. *Journal of Biosocial Science* **46**, 698-701.

- Sthanadar AA, Bittles AH, Zahid M. (2015) Debate: Increasing prevalence of consanguineous marriage confirmed in Khyber Pakhtunkhwa Province, Pakistan. *Journal of Biosocial Science* DOI: 10.1017/S0021932015000164.
- Sutter J, Goux M. (1964) L'evolution de la consanguinité en France de 1926 à 1958 avec des données récentes détaillées. *Population* **17**, 683-702. [In French]
- Sutter J, Tabah L. (1954) Fréquence et nature des anomalies dans les familles consanguines. *Population* **9**, 425-450. [In French].
- Tanaka K, Haraoka K, Hayase R. (1978) Incidence of consanguineous marriage in recent Metropolis Tokyo. *Japanese Journal of Human Genetics* **23**, 395-400.
- Tanner RES. (1958) Fertility and child mortality in cousin marriages: a study in a Moslem community in east Africa. *Eugenics Review* **49**, 197-199.
- Tay JTSH. (1982) *Consanguineous marriages in Singapore*. The Ninth Haridas Memorial Lecture, Singapore, Singapore Paediatric Society and Association of Private Medical Practitioners of Singapore, pp. 32.
- Thomas JD, Doucette MA, Thomas DC, Stoeckle JD. (1987) Disease, lifestyle and consanguinity in 58 American Gypsies. *The Lancet* **ii**, 377-379.
- Tsafir J, Halbrecht I. (1972) Consanguinity and marriage systems in the Jewish community in Israel. *Annals of Human Genetics* **35**, 343-347.
- Tunçbilek E, Koç I. (1994) Consanguineous marriage in Turkey and its impact on fertility and mortality. *Annals of Human Genetics* **58**, 321-329.
- Tunçbilek E, Ulusoy M. (1989) Consanguinity in Turkey in 1988. *Turkish Journal of Population Studies* **11**, 35-46.
- Twisselmann F, Moureau P, Francois, J. (1962) Evolution du taux de consanguinité en Belgique de 1918 à 1959. *Population* **17**, 241-266. [In French].
- Undevia JV, Balakrishnan V. (1978) Temporal changes in consanguinity among the Parsi and Irani communities of Bombay. In *Medical Genetics in India*, vol. **2**, ed. IC Verma, pp. 145-150. Pondicherry, Auroma Enterprises.
- Valls A. (1967) Consanguineous marriages in a Spanish population. *Acta Genetica et Statistica Medica* **17**, 112-119.
- Valls A. (1969) Inbreeding frequencies in the Balearic Islands (Spain). *Zeitschrift für Morphologie und Anthropologie* **61**, 343-351.
- Vardi-Salernik R, Friedlander Y, Cohen T. (2002) Consanguinity in a population sample of Israeli Muslim Arabs, Christian Arabs and Druze. *Annals of Human Biology* **29**, 422-431.
- Varela TA, Lodiero R, Fariña, J. (1997) Evolution of consanguinity in the Archdiocese of Santiago de Compostela (Spain) during 1900-1979. *Human Biology* **69**, 517-531.
- Veerraju P. (1978) Consanguinity in tribal communities of Andhra Pradesh. In *Medical Genetics in India*, vol. **2**, ed. I.C. Verma, pp. 157-163. Pondicherry: Auroma Enterprises.
- Vijayakumar M, Malhotra, KC. (1983) Inbreeding and matrimonial distances among the Siddis of Karnataka. *Current Anthropology* **24**, 228-229.

- Wahab A, Ahmad M. (1996) Biosocial perspectives of consanguineous marriages in rural and urban Swat, Pakistan. *Journal of Biosocial Science* **28**, 305-313.
- Wahab A, Ahmad M. (2005) Consanguineous marriages in the Sikh community of Swat, NWFP, Pakistan. *Journal of Social Science* **10**, 153-157.
- Wahab A, Ahmad M, Shah SA. (2006) Migration as a determinant of marriage pattern: preliminary report on consanguinity among Afghans. *Journal of Biosocial Science* **38**, 315-325.
- Wang W, Qian C, Bittles AH. (2002) Consanguineous marriage in PR China: a study in rural Man (Manchu) communities. *Annals of Human Biology* **29**, 685-690.
- Warsy AS, Al-Jaser MH, Albdass A, Al-Daihan S, Alanazi M. (2014) Is consanguinity prevalence decreasing in Saudis?: a study in two generations. *African Health Sciences* **14**, 314-321.
- Watanabe M. (1956) Race hygienical studies on the dwellers in a mountainous region. I. On the frequency of consanguineous marriage in the villagers of mountainous district, Aizu, Fukushima Prefecture. *Fukushima Medical Journal* **6**, 111-117.
- Williams EM, Harper PS. (1977) Genetic study of Welsh Gypsies. *Journal of Medical Genetics* **14**, 172-176.
- Wu L. (1987) Investigation of consanguineous marriages among 30 Chinese ethnic groups. *Heredity and Disease* **4**, 163-166. [In Chinese].
- Yamaguchi M, Yanase T, Nagano H, Nakamoto N. (1970) Effects of inbreeding on mortality in Fukuoka population. *American Journal of Human Genetics* **22**, 145-159.
- Yamamah G, Abdel-Raouf E, Talaat, A, Saad-Hussein A, Hamamy H. (2013) Prevalence of consanguineous marriages in South Sinai, Egypt. *Journal of Biosocial Science* **45**, 31-39.
- Yamamoto M, Wada T, Watanabe T, Kanazawa H, Saito R, Kondo M, Hosokawa, K, Masuda M, Nakai T, Fujiki N. (1972) Genetic polymorphisms in four isolated communities in Kinki District. *Japanese Journal of Human Genetics* **17**, 273-283.
- Yang X, Zhou L, Zhou L, Jiang Z, Li F. (1994) A study of consanguineous marriage and hereditary effects in the Mong people in China. *National Medical Journal of China* **11**, 246-247. [In Chinese].
- Yaqoob M, Gustavson K-H, Jalili F, Karlberg J, Iselius L. (1993) Early child death in Lahore, Pakistan: II. Inbreeding. *Acta Paediatrica Scandinavica* **390** Supplement, 17-26.
- Zakzouk S, El-Sayed Y, Bafaqeeh SA. (1993) Consanguinity and hereditary hearing impairment among Saudi population. *Annals of Saudi Medicine* **13**, 447-450.
- Zhan J, Qin W, Zhou Y, Chen K, Yan W, Yu W. (1992) Effects of consanguineous marriages on hereditary diseases: a study of the Han ethnic group in different geographic districts of Zhejiang province. *National Medical Journal of China* **172**, 674-676. [In Chinese].
- Zlotogora J, Habiballa H, Odatalla A, Barges S. (2002) Changing family structure in a modernizing society: a study of marriage patterns in a single Muslim village in Israel. *American Journal of Human Biology* **14**, 680-682.