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'O' and 'A' Level Examinations in History - a content analysis,  
its implications for Teaching and for the Reform of the G.C.E.  
Syllabus

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APPENDIX A

THE PRIMARY CATEGORY SYSTEM

In this appendix the description of the category system, which was employed during this study, is presented in full, each category and sub category being described in detail.

I Category A (Politics at Home and Abroad)

This category deals with the actions of political leaders and governments at home and abroad and is divided into the sub categories, which are described in the next few pages.

(1) Sub Categories A1 (Foreign policy - collective) and A1(s)  
(Foreign policy - individual)

Before the precise definitions of these two sub categories are described, their general content will be outlined, and the problems associated with this content considered.

General Content

These sub categories are concerned with the foreign policies of governments and political leaders viz. (i) the aims of such policies, for example, the acquisition of new territory (ii) the formation and structure of alliances (iii) the actions of international bodies like the League of Nations. Also relevant to these sub categories are the opinions of the public with regard to foreign policy.

The above account is sufficient for most of the material on foreign policy, but inevitably there are problem areas on the boundary between/

between these sub categories and other categories and sub categories.

#### Warfare and Foreign Policy

As will be seen below, military history is defined as the strategy and tactics pursued by military leaders on land and at sea, when in conflict with other states. Thus care needs to be taken when coding, to ensure that references to the diplomatic relations between states, either before, or during a war, are coded A1 or A1(s) and that details of the warfare between states are coded J1 or J2.

#### Imperial Affairs and Foreign Policy

In this category system the colonial and imperial policies of governments and political leaders are being coded within category A. Though much of such material will be coded under sub categories A3 and A4 (see below), sub categories A1 and A1(s) will need to be employed occasionally. This is chiefly the case in conflicts between governments over colonies and in treaties recording agreement over the possession of colonies. In this context it should be remembered that conflict over colonial territories is not confined to struggles between European powers, but can also include relations between a European power and native rulers, for example, in India. Such references should be coded A1 or A1(s).

Problems also arise with regard to material dealing with the acquisition of territory and the coding of references to Germany and Italy./

(a) The Acquisition of Territory it is worth reiterating that expansion of territory as a result of treaties, wars, etc. should be coded A1 or A1(s) as should the setting up of new kingdoms and the destruction of states by foreign powers, e.g. Poland in the 18th century. Of course if emphasis is put on conquest then coding should be J.

(b) Germany and Italy the coding of references to the relationship between the Holy Roman Emperor and the rulers of German and Italian states created difficulties. Two alternative strategies were possible, to see the Holy Roman Emperor as a conventional ruler and code his policy with regard to states within the Empire as his internal policy A3, or to view the states as virtually independent and code the Emperor's relationship with them as A1 or A1(s). On historical grounds it would seem preferable to opt for the latter. Certainly it is very rare for an Emperor to have anything approaching control over the states in Germany and Italy even in the Middle Ages.

## (2) Definitions of sub categories A1 and A1(s)

One purpose of this category system is to try and discover the degree to which material centring round individuals plays a part in politics in these papers. Thus sub categories A1 and A1(s) have been included. Sub category A1(s) is to be employed when references are made to the role of an individual in foreign politics and sub category A1 when the actions of a group, for example, a government are described. Identification of material relating to the individual in foreign politics is fairly easy.

The /

The only difficulty is when a marking guide does not mention an individual, but the question to which it relates is about an individual's policy. For example, in a question such as, "Discuss Canning's foreign policy," statements might occur in the marking guide of the following type "active diplomatic support given by Britain to the Greek rebels." In such circumstances coding would be A1(s), because it would be assumed that Britain referred to Canning. In the use of sub category A1 no problems should be experienced.

### (3) Sub Category A2 ( Structure of Government)

This sub category is not concerned with what government does but how government works. Broadly speaking it covers what is traditionally known as constitutional history - the powers of kings, Parliaments, etc. Also included are references to local government, in particular descriptions of acts defining the structure and powers of local government. Equally important is material dealing with how government works - the operation, for example, of institutions like Parliament, the Cabinet and Government departments.

In general, little difficulty should be experienced in using this sub category - only certain types of material need to be treated with special caution, as follows:-

(a) The policies of governments and political leaders towards the structure of government

Particular care needs to be taken when coding descriptions of domestic politics to identify all the references to the structure of government. Thus attempts to change the structure



structure of government, which were unsuccessful, as well as debates about how government should be conducted need to be coded A2. At the same time it is important to remember that the structure of government may play an important part in colonial history and this should be borne in mind when coding marking guides which deal with imperial affairs.

(b) Acts of Parliament

When coding the contents of a Bill care has to be taken to watch for references to the structure of government. For example, descriptions of the role of J.P's in the administration of the Elizabethan Poor Law. A greater problem is created when Acts of Parliament are simply referred to by name. Unless there are clear references to the structure of government in the marking guide such bills should be coded A3 or A4. The only exceptions are where a bill is concerned almost totally with governmental structure e.g. the Act of Settlement, The Revolution Settlement - in these cases A2 should be the coding even if these bills are simply mentioned by their title. In doubtful cases the focus of concern with the bills will be made clear by the question e.g. What powers had the king retained after the Revolution of 1689.

(c) The Law and its Structure

This is an area of special difficulty. In general, it is a fair rule to say that where the law is used as an agent of government the coding should be A2. This applies in the Middle Ages/

Ages with the expansion of royal justice or with the use of JP's in the Tudor period. It clearly is not the case when the legal system is divorced from the executive. Thus private cases between individuals or judgements over the rights of the individual e.g. the Taff Vale case would be coded elsewhere, as long as there was no governmental interference mentioned in the marking guide.

Sub Category A3 (domestic politics - individual) and sub category A4 (domestic politics - collective)

These two sub categories cover broadly similar material except that one deals with the actions of individual political leaders and the other with the actions of groups, for example, governments or political parties. Both sub categories have two main foci. (1) The policies pursued by governments, political leaders and the main political parties in the state and (2) the narrative of the political struggles of a period of history. Of these two subjects the most difficult to code will be references to different policies and, as a consequence, the main types of policy included in these two sub categories will now be listed with a brief explanation.

Policies pursued by Governments, political leaders, etc.

- (a) Economic Policy - material which describes the economic or financial policies of a government or political leader should be placed either in sub category A3 or in sub category A4.

- (b) /

(b) Social Policy.

Included here is the social policy of a government or political party (A4) and a political leader (A3). This would encompass not only social welfare legislation, Factory Acts, etc., but also social legislation passed by the Elizabethan government, for example.

(c) Religious Policy

This involves the religious policy of a government, political party (A4) or leader (A3) that is their religious policy with regard to the community at large, as well as to religious groups. Also included in this context should be the policy of Parliament if it is seen in these terms. Though mostly straightforward to code a major problem emerges with the religious policy of the leader of a state church - this difficulty will be dealt with below when category G (religious history) and its sub categories are described.

(d) Cultural Policy

i.e. the attempt by a government (A4) or a political leader (A3) etc. to influence the culture of a country or a social group within a country - this is most likely to arise with the educational policy of a government, but care needs to be taken to code in this category ONLY the policy of the government - educational development independent of the government should be categorised elsewhere. Other aspects that are likely to appear are references to the cultural activities of a monarch - his patronage of foreign craftsmen, his role as a builder, his own personal scholarship, his contribution to the cultural life of his/

life of his Court, e.g. Versailles - all these remarks should be coded A3 or A4 as appropriate.

(e) Imperial Policy (Colonial)

The actions or policies of governments or political leaders with regard to the colonies should be coded A3 or A4.

This should apply also to the executive and legislature in the colony itself.

(f) Military and Naval Policy

The coding of references to military and naval policy is so complicated and is so interrelated with category J (military and naval history) and its sub categories that a description of the procedure to be adopted will be delayed until category J is considered.

(g) Public Response to Policies

The response of the public og governments and political leaders will be coded as A3 or A4, since it reflects the political interaction between the rulers and the ruled.

(h) The Effect of Policies

The effects of policies have to be coded with care. It is important to identify the particular result, which is being mentioned, and place it in its appropriate category. Thus a discussion of a government's economic policy may involve a description of its impact on industry or agriculture, which would be coded in category B (economic history). However, simple descriptions of a policy, for example, lists of the Acts passed by a government without any attempt to assess their/

their significance should be coded A.

Sub Category A3 (domestic politics - individual)

As was the case with sub category A1(s) (foreign politics - individual) the purpose of this sub category is to discover the extent to which politics are seen as centred round the actions of individuals. The individuals concerned are kings, ministers and political leaders - their rise, their policies, while in power, and their fall, provided they or other individuals are seen as the agents of action - thus an explanation of Walpole's fall in terms of his own failings would be coded A3, but if it was seen as outside his control another category or categories would be involved. Also covered by this category are political leaders' aims and attitudes to events, as well as their early careers, education, death, etc.

Sub Category A4 (domestic politics - collective)

The content of sub category A4 has already been described above, the concentration of the marking guides being on government policies and the narrative of the rise and fall of particular governments. While these two subjects provide the main focus of the sub category care should be taken not to overlook the activities of the opposition to the government of a particular period.

General Comments on Category A

No reference has been made as yet to the coding of material dealing with/

with political thought or political ideas. These should be placed in the appropriate sub category of category A. Thus if references are made to political ideas, which relate closely to the structure of government, coding would be A2. However, if the marking guide is dealing with general political ideas, for example, the ideology of a political leader, or a party, coding would be either A3 or A4.

So far the politics, which have been described have been described have been centred round the activities of the governments, their leaders and their main opponents. In the next category an attempt will be made to define a different type of politics.

#### II Category E (Political History - Non Government)

This category deals with the actions of political movements and their leaders that are not part of the official political scene. It is designed to distinguish between (1) political history which is focussed on the central government and the main political groups in Parliament or at Court and (2) political movements and their leaders who are not part of the prevailing political order.

The only way in which these movements can be distinguished in this category system is by their leadership. If their leaders are predominantly extra Parliamentary or, if no Parliament exists, are not members of the central political organisations, for example, the Court, these movements and their activities would be coded in category E. Thus movements like Chartism and the Campaign for Female Emancipation would be included in category E. Also rebellions against the prevailing political order led by individuals who are not members of the legislature or executive would be placed in category E, for example, the Peasants' Revolt. Not included, however, would be civil/

civil wars, for instance, the Wars of the Roses or the Rebellion of 1642, which were conducted between major political groups who drew their leadership from members of the legislature or executive.

### III Category B (Economic History)

#### (a) Agriculture, Industry, Trade, etc

The great bulk of material in the marking guides relating to this category is concerned with agriculture, industry, etc. and is fairly easy to code. All references to industry, agriculture, trade, markets, financial institutions, wages, unemployment, economic growth etc. should be coded B PROVIDED that they are seen as separate from the actions of governments, political parties and political leaders, and that there are no grounds for categorisation elsewhere.

#### (b) Transport

Material on transport, whether by canal, road, rail or air should be coded B. This is because most of the questions on transport relate directly to economic affairs. But where they do not, for example when technical innovation is being emphasised (category H) or the social habits of the population (category C) then other categories can be applied. But this does mean that general references to transport will be coded B.

#### (c) Technology, Science and Economic Affairs

Frequently marking guides on economic development also include technical development - mention of new inventions, techniques, etc. should be coded H, though their economic repercussions should be categorised B.

#### (d) /

(d) Demography

References to population trends are difficult to code, because of the interest shown by both economic and social historians in demography. Thus care has to be taken to determine whether a reference to demography in a marking guide is related to economic or social history. If, for example, a growth in population is linked to increased demand for goods, or to the labour market, then the coding will be B. If, however, emphasis was laid on the differential life expectancy of certain social groups then category D (social history-social structure) would be employed.

(e) Colonies

The same procedure with regard to categorisation should apply in colonial as with other affairs. As usual care has to be taken not to confuse economic development and government action. For instance in the founding of a colony economic motives may be mentioned. Provided that governmental policy and action is not mentioned the coding should be B. Also the different economic activities of individuals in new territory would be coded B, as well as the activities of colonial subjects, native or otherwise.

(f) Occupational Groupings

Reference to groups of individuals by their occupations, wealth or economic interest should be coded B. This applies as much to people in specific occupations as well as to groups of occupations, e.g. merchants, traders, industrialists, speculators, etc. It also covers references like the landed interest, the rich, the poor, the old, the sick, the hungry. It does not apply to groups/



groups defined in broader social terms like the aristocracy the landed gentry, etc. the middle class, the working class, the Creoles - these are coded D. Also included are the economic activities of individuals, smuggling, exploitation.

(g) Trading Companies

These pose a great problem especially the classification of the activities of the East India Company. Clearly the activities of trading companies should in general be coded B, the problem comes when they acquire land, etc. and rule in the name of the Imperial Government, as did the East India Company. It is doubtful if the classification of the activities of the East India Company will ever be fully satisfactory but it would seem reasonable, as a start, to code its governmental activities in India, A, including the acquisition of territory A1. However, when it comes to trading activities there is more difficulty. Joint Stock ventures should be coded B, but once this merged into the ownership even of trading stations A should be the categorisation. The same rulings should apply to the Hudson Bay Company, the Muscovy Company and others.

(h) Economic Thought

References to the economic thought of a period should be placed in this category.

IV Category C (Social History & Social Custom)

Category C receives very little attention in the examination papers.

It/

It concerns descriptions of social life - people's dress, food, customs, entertainments, sport, buildings, etc. - in fact the general living conditions of a people. Considerable care needs to be taken in using this category because many of the topics to which it is relevant also involve other categories. Two examples should make this clear, (1) descriptions of buildings should be treated with caution, references to the nature of accommodation provided would be coded C, but discussions of their artistic merit, H (cultural history), (2) descriptions of popular entertainment should be coded C, but a consideration of its cultural implications should be placed in category H.

#### V Category D (Social History - Social Structure)

In this category the emphasis lies on the social structure of a community - the adaptation of a society to its environment, the relationship between the different elements in society, the nature of the social groups in a community, the social problems faced by society and the solutions found for them, as well as the social thought or social ideals of a community. Examples of each of these subjects will now be presented, a detailed description of each of the topics not being attempted, because the marking guides incorporate very little material that relates to the social structure.

##### (a) The adaptation of a society to its environment

References to the influences of the environment over the social structure and organisation of a community should be coded D, for example, the different structure of village communities in the Middle Ages in the North and South of England./

(b)/

(b) The relationship between the different elements of a society

Here general references to the nature of society as a whole, for example, its degree of integration or the extent of conflict in a community should be included in this category.

(c) The nature of social groups

Already an attempt has been made under category B to distinguish between occupational groups and broader social groups. The distinction drawn was between groups defined in terms of occupation wealth or economic interest (category B) and broader social groups (category D). This means that in modern society reference to the aristocracy, gentry, middle class and working class would come within category D, while in mediaeval society groupings like the nobles, the townsmen, the peasants, the Commons (not in the sense of Parliament) would be coded D.

(d) Social Problems

The particular social problems that may arise are want, conflict, disease, ignorance and squalor - when coding the solution to these problems care has to be taken to ensure that solutions attempted by governments (social policy) are coded A.

(e) Social Thought

References to the social ideals of a community, which occur very rarely should be placed in category D.

VI Category G and its Sub Categories (Religious History)

Category G is divided into two sub categories G(a) dealing with the actions of church leadership and G(b) with the activities of the membership of a religious movement.

(a) Sub Category G(a) - (Religious History - leadership)

This sub category is concerned with church leadership in the institutional as well as individual sense. Thus it covers the apparatus of church government involving General Councils and Convocations, as well as the actions of Archbishops, Bishops and the leaders of religious sects. A number of difficulties are likely to be encountered in using this sub category and these will now be considered.

1) References to the Pope and the Papacy

The coding of marking guides dealing with the Pope and the Papacy cause considerable problems because the Pope is both a spiritual leader and a temporal ruler. As a result, the following approach should be adopted towards the coding of such material. If the Pope is clearly acting as head of the Church the coding would be G(a), if as a temporal ruler, then category A should be employed. This ruling applies equally to the Pope's foreign policy as to the other aspects of his policies. Thus if a Pope were organising a European coalition of Catholic powers against Protestant countries the coding would be G(a); if however he were pursuing a dynastic/

dynastic policy, such as the Medici Popes, then category A would be used to code the material. This ruling may seem fraught with problems, but thus far no difficulties have been encountered in applying it to the marking guides.

ii)

Church-State Relations

In general church-state relations do not create serious problems when the marking guides are being coded - category G is used to code references to the role of the Church in such relations and category A to the role of the state. Difficulties only arise in very special circumstances namely when a ruler is also the Head of a Church as occurred in England after 1536. In such circumstances, which fortunately are rare, double coding should be employed, that is both G(a) and A2 or A4. This ruling does not of course affect the day by day administration of the church by the Anglican hierarchy, which would be coded G(a).

iii)

Crusades

One considerable difficulty when categorising is with references to Crusades - to code them purely in religious terms ignores their military and other aspects. This means that the content of remarks about Crusades is crucial - that is the theme to which they are linked. If, for instance, Crusades are mentioned in relation to Papal policy coding should be G(a). If the relationship is with rulers categorisation/

categorisation should be A. Then Crusades are often described in terms of military manoeuvres - these should be coded J. Finally, if the involvement of people in a Crusade is mentioned in religious or economic or other terms these should be coded appropriately. This leaves the problem of a simple reference to a Crusade. This, in my view, is uncodable since the particular content is not clear. Thus it should be put in Category Y for uncodable material.

(b) Sub Category G(b) (Religious History - Movements)

All references to the nature of religious groups that does not concern the leadership should be coded G(b) - this includes, churches, state churches, sects, etc. Also involved are details of their religious life and attitudes, for example, the monasteries, as well as the fortunes of parts of a church, e.g. the Jesuits. In addition, references to churches as a whole in an outline should be coded G(b), e.g. the Anglican or Presbyterian Church.

VII Category H (Cultural History)<sup>(1)</sup>

A number of different topics are included within this category as follows:-

(a) Art, Literature, Architecture, Music, etc.

Material concerned with man's art, architecture, literature should be coded H. Also included should be references to town/

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(1) In the category system used for the reliability trials the development of human thought was placed in category H - that is political, economic and social thought. This change has virtually no effect on the coding since references to human thought in the marking guides is extremely rare.

town and country planning, interior decoration, furniture, etc., pottery and other aspects of artistic development. It is important however to remember that the artistic content is crucial for this category, description of literature, furniture etc., in terms of living conditions would be coded C.

(b) Scholarship

Reference to scholars and scholarships are almost non-existent, but such material should be coded H.

(c) Scientific Thought, Technical Development, Advances in Medicine

Material concerned with scientific thought, technical development, etc. should be coded H. This includes references to industrial techniques but not to changes of economic organisation consequent upon them (Category B).

(d) Education

Questions and material on education and its development are fairly common. The only caution here is to be careful to distinguish between the educational policy of a government or ruler (A3 and A4) and developments in education which are independent of political control.

VIII Category J (Military and Naval History)

This category incorporates the strategy and tactics of military and naval commanders and of governments at war. It also includes the nature/

nature of armies and navies, their development and their conditions of service. Two sub categories were employed within category J as follows.

(a) Sub Category J1 (Military and Naval History - Government)

All the material dealing with military affairs in which governments are the dominating factor, for example, the campaigns of commanders in the field, during warfare between countries, should be coded J1. Though little difficulty should be experienced in employing this sub category problems may be encountered in deciding on the boundary between it and other categories. As a consequence a number of topics where such boundaries may be difficult to determine are discussed below.

i) Governments at War

A division needs to be drawn between a government's military strategy and its economic and other types of policy during war. A government's financial policy, organisation of departments, policy of nationalisation, etc. during war would be coded A2, A3 and A4, while its strategy - the way its armies and navies are deployed, their supplies, their manpower would be categorised J1.

ii) Campaigns

Accounts of campaigns by commanders in the field should be coded J1, as should references to the strength/



strength of two sides, the manpower of an army or the failure of an army. Passing references are often made to wars - the simple mention of War should be coded A1, but more specific material mentioning a battle or a campaign should be coded J1. So also should reference to an area being ravaged by war though if the outline is more specific, i.e. indicating something like economic consequences, categorisation will be outside J.

iii) Generals

The careers of generals, their early life, military appointments, etc. should be coded J1. Incidental remarks relating to their private lives, deaths, etc. should also be categorised J1. When a general is also a statesman, e.g. Cromwell or Marlborough, coding of their private lives, etc. should depend first of all on the question - if it emphasises their role as a statesman then coding should be A3, if as a general, J1.

(b) Sub Category J2 (Military and Naval History - Non-Government)

This sub category incorporates all references to military history which are independent of government action. The most likely context in which such material is to be found is in marking guides describing the development of military techniques. A difficulty, however, is that it may not be clear whether the government/

Government are responsible for a development or not - if you are in real doubt because of the vagueness of a comment category Y (Uncodability) can of course be employed.

IX Category L (Geographical History)

This category incorporates references to geographical conditions and their impact on history (sub category L1) and material dealing with geographical exploration (sub category L2).

(a) Sub Category L1 (Geographical Background)

The term geographical background is fairly sweeping. It covers the climate (weather) in a country - its natural resources, coal, rivers, etc. - its communications in so far as they are affected by geographical factors, e.g. distance over seas, mountains, the nature of a coastline, the problem of making a river navigable. Also included is the siting of a town, if the siting arises because of geographical factors, a river being fordable, etc. But this should not apply when a town is sited in a particular place because of man made resources and communications. Finally questions often require geographical knowledge to say where a country town or battle was situated or to name a town, etc. on a map. This should be coded L1 because geographical knowledge is required.

(b) Sub Category L2 (Exploration)

Material on exploration whether it be sea or land should be coded L2 - /

L2 - the actual voyage and discovery should be categorised  
L2, the motives only if the aim is geographical knowledge.

#### X Category M (Human Disease)

References to disease should be coded M. If the causes of disease are outlined and factors are cited like germs, coding should be M, but if the reasons given are, for example, overcrowding and poverty, other categories should be employed.

#### XI Category N (Archaeology)

All material dealing with archaeology should be placed in this category.

#### XII Category P (The Nature of History)

This category deals with references to the methodology of historians, the nature of their sources, their use of sources and the problems involved in the writing of history, for example, the bias of the historian. Also included in this category are questions or part questions asking pupils to study a document and discuss its reliability.

#### XIII Category Y (Uncodability)

There are various circumstances in which category Y is employed and these will now be considered.

##### Types of Uncodability

##### 1. Where There is No Marking Guide

Normally/

Normally if there is no marking guide for a question coding is not possible. There are, however, exceptions to this rule. At '0' level questions are frequently set asking the pupils to write short notes on a number of topics (usually three or four) from a wide choice. Some of these can be coded even without a marking guide, since they are narrow subjects, that often appear as points in marking guides for essay questions. Thus, for example, references to an Act of Parliament, the campaign of a general, or an international treaty, would be codable, but equally some references would not be codable. For instance, if the pupils were asked to write short notes on a statesman it is unlikely that coding would be possible. Since most statesman are involved in both foreign and domestic politics a reference to a statesman by name would not be codable, unless an indication were given of the aspect of the individual's policy on which the pupils should concentrate.

#### Other Types of Uncodability

##### 2. These are generally of two kinds

(a) Vague instructions by the examiner, any general remarks the examiner may make that refer to the approach to an answer will not be codable, for example, "this question needs a mature understanding of the issues involved" (b) vague references to content in a marking guide here the coder has to use his own judgement, but some fairly clear guidance can be provided. Any reference where the content is not clear or where the content covers two categories without the weighting of these categories being clear cannot be coded and these go into category Y. The following examples should elucidate how this /

this ruling should be applied, each of them refers to an approach to the construction of the marking guides which occurs from time to time amongst the examiners and which leads to uncodability.

- i) references to terms like "problems", "conditions"  
"difficulties" etc. - often in a marking guide mention is made of the problems faced by a king, politicians, etc. - unless the types of problems are specified such a term is uncodable. The same applies to words like "conditions" and "difficulties".
- ii) references to "reasons", "causes", etc. - sometimes in a marking guide a phrase is used like "reasons for the Reform Bill" - unless the actual "reasons" are specified no coding is possible - words like "effects" and "results" without further development create similar problems.
- iii) references to "failure" "weakness" and "decline" - occasionally in a marking guide one of these terms is used, for example "the failure of the Jacobites" or "decline of Spain" such phrases are uncodable without further explanation.
- iv) A non specific reference to a period of history - occasionally phrases are used like "the Saxon period" or "the main events of the French Revolution" again such terms are uncodable without development.

- v) Crossing Boundaries between two categories - occasionally parts of a marking guide cover two categories without the boundary being clearly indicated, for instance, references to Clive's early career might be military or political - in such cases no coding is possible.

It remains to deal with a subject, which applies to all the categories and sub categories, namely how to divide up a marking guide for coding.

#### XIV How to Divide up a Marking Guide for Coding

(a) The Divisions

It is first of all necessary to divide the outline into units. These will vary from paper to paper, but divisions between points in an outline are made clear by the examiners. Sometimes divisions are into sentences or clauses ending with a dash, colon or semi colon. Occasionally the points are divided simply by commas, but this is very rare. Before coding it is a good idea to indicate these divisions as below:

Discuss Lord Grey's conduct of foreign  
policy 1906 - 1914  
Aim: to avert war through balance of  
power. / Grey strengthened entente with  
France by secret military talks and support  
at Algeciras/ Anglo-Russian Convention 1907  
to avert war in Far and Near East/....

It should be noted that accuracy is not absolutely vital over these divisions - they are for the greater convenience of the coder.

(b) /

(b)

How to Code Complex Sentences

In general sentences involve only one coding, but there are some where two or three codings are appropriate - a fairly typical example is when causes and consequences are mentioned in one sentence, e.g. "the king's policy provoked hostility among the nobility," the king's policy would be coded A3 hostility amongst the nobility D.

## APPENDIX B

### THE SECONDARY CATEGORY SYSTEM

#### Introduction

The purpose of the secondary category system is to code material which cannot be categorised by the primary system. This material is of two types (a) questions for which no marking guide exists and (b) vague comments in a marking guide, which have proved uncodable.

#### Content of the Category System

The content of the category system is the same as that of the primary system EXCEPT that no sub categories are employed in coding. Thus anybody employing the secondary category system needs to start from a thorough knowledge of the content of the categories employed in the primary system.

#### Procedure

When coding, the following procedure should be adopted. The question, which has no marking guide, or the uncodable section of a marking guide, should be read and coded according to its main focus. If a question is primarily concerned with political history it is placed in category A, if with economic history in category B, etc. This procedure can be elucidated by considering a small number of examples.

A question such as the following:-

"What /



"What factors influenced the relations between Great Britain and EITHER France OR Russia during the period 1915 to 1939" would be placed in category A, because it is clear that its main concern is with foreign politics.

Similarly a question like

"Write a critical account of the aims and actions of Charles II and Shaftesbury at the time of the Exclusion Crisis" would be coded A, because its emphasis lies on domestic politics.

While a question entitled

"Give an account of the aims and work of EITHER the Irish monks in the early Middle Ages OR the Cistercians in the 12th century" would be coded G (Religious History)

Unfortunately certain types of questions and comments in the marking guides are still uncodable despite the generality of this secondary system. It is, therefore, important to outline the types of materials, which are still uncodable, and, in so doing, to illustrate in more detail the operation of the secondary system.

- (a) references to terms like "problems,"  
"conditions", "difficulties", "reasons"  
"causes" "effects" and "results" are  
generally still uncodable. For instance  
a question, such as the following, "What  
were the main causes of the French Revolution?"  
is/

is uncodable, even with the secondary system unless an indication is given of the types of causes which should be considered. Equally a question like "What were the main problems encountered by the British government in Ireland in the 19th century" would be uncodable because the problems could be viewed as predominantly religious, or economic or political.

- (b) Similarly references to the main events of a period are still uncodable, for example, the following question " Give an account of the course of the Revolt of the Netherlands in the late 16th century" - again it is not clear from the question whether the main focus should be on military, or political, or religious affairs.
- (c) With references to social history particular difficulties are evident. Thus marking guides frequently refer to the "social consequences" of an event - such a phrase is uncodable as it stands because there is no way of deciding whether the word "social" refers to category C or D.
- (d) Similarly problems arise when coding references to sailor / explorers like Drake, since both categories J and L are involved, or soldier/statesmen, like Albuquerque, with categories A and J being involved.
- (e) /

- (e) Finally there are questions, which are extremely vague, and refer to a number of aspects of a period of history and are uncodable.
- For example,
- "What does the Domesday Book tell us about England in the late 11th century?"
- Or
- "Give an account of the rise of ONE Italian city in the Middle Ages"

APPENDIX C

The Calculation of the Percentages of the Marking Guides in  
each Category and Sub Category for Individual Papers

Once the coding for a paper had been completed, the percentages of the marking guide in each category and sub category had to be calculated. First of all each question was given equal weight in the calculation for the paper as a whole. Then the marking instructions for each question were taken into account. Normally these consisted of a number of marks being allocated to the different points in the marking guides for a question. These marks were employed in calculating the percentage which should be allocated to each category in the marking guide. For example, in the marking guide for a question there might be ten points the first five carrying three marks each out of a total of twenty five for the question and the second five, two each. If the first five points were all coded A4, and the last five B, 60% of the marking guide would be placed in sub category A4 and 40% in category B. If, and this was rare, no marks were indicated on the marking guide two other approaches were adopted by the examiners. The first was to list a number of points for a marking guide without any comments. With a marking guide of this type each point was treated as of equal importance when the calculation of the percentages took place. The second approach was for the examiners to write a marking guide as a series of paragraphs. In such circumstances each paragraph was regarded as of equal importance and any further divisions within the paragraph were according to the grammatical hierarchy, sentences being regarded as more important than clauses and phrases.

Once/

Once these calculations had been carried out for each question in a paper the overall percentages for each of the categories and sub categories in a paper could be determined. Thus if there were ten questions each question received one tenth of the weighting for that paper.

## APPENDIX D

Comparison of JMB and Cambridge Local Examination Syndicate 'A' and 'O' Level Papers on British and European History within periods

- (a) Comparison of JMB and Cambridge 'A' and 'O' Level Papers on Modern British and European History.
- (b) Comparison of JMB and Cambridge 'A' and 'O' Level Papers on Early Modern British and European History.
- (c) Comparison of JMB 'A' and Cambridge 'O' Level Papers on Mediaeval British and European History.

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AND EUROPEAN HISTORY

Cat. S-Cat.	Means for Each Cell				Analysis of Variance						
A					Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
					Bd	482	1	482	5.35	.05	
					Lev.	64	1	64	0.71	NS	
					Type	1667	1	1667	18.52	.001	
	A	B	66.17	66.10	B x L	272	1	272	3.02	NS	
		E	70.67	68.40	B x T	205	1	205	2.28	NS	
	O	B	69.66	54.20	L x T	596	1	596	6.62	.05	
		E	77.00	76.00	BxLxT	377	1	377	4.19	.05	
					W.Cells	7186	80	90			
					Total	10849	87				
	A1 & A1(s)					Bd	25	1	25	0.34	NS
						Lev	132	1	132	1.81	NS
				Type	7309	1	7309	100.10	.001		
A		B	20.67	20.50	B x L	12	1	12	0.16	NS	
		E	29.33	33.10	B x T	292	1	292	4.00	.05	
O		B	17.50	12.60	L x T	1331	1	1331	18.23	.001	
		E	38.75	44.30	BxLxT	14	1	14	0.19	NS	
				W.Cells	5826	80	73				
				Total	14941	87					
A1						Bd	23	1	23	0.33	NS
						Lev	1	1	1	0.01	NS
						Type	3889	1	3889	55.36	.001
	A	B	12.30	14.20	B x L	280	1	280	3.98	NS	
		E	19.75	27.10	B x T	200	1	200	2.85	NS	
	O	B	12.67	6.80	L x T	252	1	252	3.59	NS	
		E	26.33	27.10	BxLxT	1	1	1	0.01	NS	
					W.Cells	5620	80	70.25			
					Total	10266	87				
	A1(s)					Bd	2	1	2	0.04	NS
						Lev	150	1	150	2.63	NS
						Type	506	1	506	8.88	.01
A		B	8.00	6.30	B x L	143	1	143	2.51	NS	
		E	8.75	6.00	B x T	9	1	9	0.16	NS	
O		B	4.83	5.90	L x T	450	1	450	7.89	.01	
		E	12.50	17.20	BxLxT	15	1	15	0.26	NS	
				W.Cells	4084	80	57				
				Total	5359	87					

(1) In this series of calculations, and those in Appendices E.F.G and H all calculations have been rounded off to the nearest whole number except in (1) the computation of F and (2) where this procedure affected the level of significance in a calculation.





Cat. S-Cat.	Means for Each Cell				Analysis of Variance					
A4					Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.
					Bd	86	1	86	2.21	NS
					Lev.	242	1	242	6.21	.05
					Type	1009	1	1009	25.87	.001
	A	B	22.90	12.00	B x L	136	1	136	3.49	NS
		E	9.30	11.20	B x T	234	1	234	6.00	.05
	O	B	13.50	13.80	L x T	24	1	24	0.62	NS
		E	7.60	8.30	BxLxT	205	1	205	5.26	.05
					W.Cells	3122	80	39		
					Total	5058	87			
A1(s) A3					Bd	55	1	55	0.51	NS
					Lev	473	1	473	4.42	.05
					Type	570	1	570	5.33	.05
	A	B	22.30	20.40	B x L	86	1	86	0.80	NS
		E	24.50	20.30	B x T	5	1	5	0.05	NS
	O	B	23.70	21.50	L x T	256	1	256	2.39	NS
		E	29.80	32.80	BxLxT	183	1	183	1.71	NS
					W.Cells	8549	80	107		
					Total	10177	87			
A14					Bd	2	1	2	0.01	NS
					Lev	377	1	377	2.34	NS
					Type	721	1	721	4.48	.05
	A	B	35.00	26.20	B x L	3	1	3	0.02	NS
		E	29.10	38.20	B x T	1137	1	1137	7.06	.01
	O	B	26.20	20.00	L x T	270	1	270	1.68	NS
		E	30.42	35.20	BxLxT	64	1	64	0.40	NS
					W.Cells	12872	80	161		
					Total	15446	87			
B					Bd	607	1	607	27.59	.001
					Lev	183	1	183	8.32	.01
					Type	575	1	575	26.14	.001
	A	B	7.50	13.00	B x L	55	1	55	2.50	NS
		E	5.30	7.20	B x T	393	1	393	17.80	.001
	O	B	2.20	15.90	L x T	37	1	37	1.68	NS
		E	2.00	2.00	BxLxT	166	1	166	7.55	.01
					W.Cells	1788	80	22		
					Total	3804	87			

Cat. S-Cat.	Means for Each Cell				Analysis of Variance																							
C	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>4.30</td><td>1.30</td></tr><tr><td>E</td><td>0.40</td><td>0.40</td></tr><tr><td rowspan="3">O</td><td>B</td><td>0.40</td><td>4.10</td></tr><tr><td>E</td><td>0.40</td><td>0.30</td></tr></table>						JMB	CAMB	A	B	4.30	1.30	E	0.40	0.40	O	B	0.40	4.10	E	0.40	0.30	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.
							JMB	CAMB																				
					A	B	4.30	1.30																				
						E	0.40	0.40																				
					O	B	0.40	4.10																				
						E	0.40	0.30																				
						Bd	0	1	0	0.00	NS																	
					Lev.	5	1	5	1.09	NS																		
					Type	100	1	100	21.74	.001																		
					B x L	60	1	60	13.04	.01																		
					B x T	1	1	1	0.22	NS																		
L x T	4	1	4	0.88	NS																							
BxLxT	63	1	63	13.70	.01																							
W.Cells	371	80																										
Total	604	87																										
D	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>1.80</td><td>1.10</td></tr><tr><td>E</td><td>2.40</td><td>1.90</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.10</td><td>0.30</td></tr><tr><td>E</td><td>0.60</td><td>1.30</td></tr></table>						JMB	CAMB	A	B	1.80	1.10	E	2.40	1.90	O	B	0.10	0.30	E	0.60	1.30	Bd					
							JMB	CAMB																				
					A	B	1.80	1.10																				
						E	2.40	1.90																				
					O	B	0.10	0.30																				
						E	0.60	1.30																				
					Lev																							
					Type																							
					B x L																							
					B x T	NO CALCULATION ATTEMPTED																						
					L x T																							
BxLxT																												
W.Cells																												
Total																												
E	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>5.30</td><td>3.80</td></tr><tr><td>E</td><td>1.40</td><td>3.60</td></tr><tr><td rowspan="2">O</td><td>B</td><td>6.70</td><td>6.30</td></tr><tr><td>E</td><td>2.10</td><td>6.00</td></tr></table>						JMB	CAMB	A	B	5.30	3.80	E	1.40	3.60	O	B	6.70	6.30	E	2.10	6.00	Bd	25	1	25	1.58	NS
							JMB	CAMB																				
					A	B	5.30	3.80																				
						E	1.40	3.60																				
					O	B	6.70	6.30																				
						E	2.10	6.00																				
					Lev	62	1	62	3.92	NS																		
					Type	127	1	127	8.04	.01																		
					B x L	11	1	11	0.70	NS																		
					B x T	86	1	86	5.44	.05																		
					L x T	2	1	2	0.13	NS																		
BxLxT	0	1	0	0.00	NS																							
W.Cells	1263	80	15.80																									
Total	1576	87																										
G	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>3.50</td><td>3.90</td></tr><tr><td>E</td><td>2.90</td><td>1.40</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.80</td><td>3.10</td></tr><tr><td>E</td><td>1.00</td><td>1.00</td></tr></table>						JMB	CAMB	A	B	3.50	3.90	E	2.90	1.40	O	B	0.80	3.10	E	1.00	1.00	Bd	2	1	2	0.22	NS
							JMB	CAMB																				
					A	B	3.50	3.90																				
						E	2.90	1.40																				
					O	B	0.80	3.10																				
						E	1.00	1.00																				
					Lev	53	1	53	5.70	.05																		
					Type	29	1	29	3.12	NS																		
					B x L	8	1	8	0.86	NS																		
					B x T	16	1	16	1.72	NS																		
					L x T	2	1	2	0.22	NS																		
BxLxT	18	1	18	1.94	NS																							
W.Cells	744	80	9.3																									
Total	872	87																										



Cat. S-Cat.	Means for Each Cell				Analysis of Variance																							
J	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>4.50</td><td>4.90</td></tr><tr><td>E</td><td>7.80</td><td>5.70</td></tr><tr><td rowspan="2">O</td><td>B</td><td>11.90</td><td>11.40</td></tr><tr><td>E</td><td>7.50</td><td>11.90</td></tr></table>						JMB	CAMB	A	B	4.50	4.90	E	7.80	5.70	O	B	11.90	11.40	E	7.50	11.90	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.
							JMB	CAMB																				
					A	B	4.50	4.90																				
						E	7.80	5.70																				
					O	B	11.90	11.40																				
						E	7.50	11.90																				
					Bd	7	1	7	0.18	NS																		
					Lev.	515	1	515	13.21	.001																		
					Type	0	1	0	0.00	NS																		
					B x L	42	1	42	1.08	NS																		
					B x T	8	1	8	0.21	NS																		
					L x T	102	1	102	2.62	NS																		
					BxLxT	75	1	75	1.92	NS																		
W.Cells	3081	80	39																									
Total	3828	87																										
J1	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>4.30</td><td>4.90</td></tr><tr><td>E</td><td>7.70</td><td>5.60</td></tr><tr><td rowspan="2">O</td><td>B</td><td>10.90</td><td>11.20</td></tr><tr><td>E</td><td>6.75</td><td>11.90</td></tr></table>						JMB	CAMB	A	B	4.30	4.90	E	7.70	5.60	O	B	10.90	11.20	E	6.75	11.90	Bd	53	1	53	1.20	NS
							JMB	CAMB																				
					A	B	4.30	4.90																				
						E	7.70	5.60																				
					O	B	10.90	11.20																				
						E	6.75	11.90																				
					Lev	332	1	332	7.55	.01																		
					Type	8	1	8	0.18	NS																		
					B x L	19	1	19	0.43	NS																		
					B x T	28	1	28	0.64	NS																		
					L x T	145	1	145	3.30	NS																		
					BxLxT	47	1	47	1.07	NS																		
					W.Cells	3525	80	44																				
Total	4157	87																										
J2	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.10</td><td>0.00</td></tr><tr><td>E</td><td>0.10</td><td>0.10</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.40</td><td>0.20</td></tr><tr><td>E</td><td>0.10</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.10	0.00	E	0.10	0.10	O	B	0.40	0.20	E	0.10	0.00	Bd					
							JMB	CAMB																				
					A	B	0.10	0.00																				
						E	0.10	0.10																				
					O	B	0.40	0.20																				
						E	0.10	0.00																				
					Lev																							
					Type																							
					B x L																							
					B x T																							
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					BxLxT																							
					W.Cells																							
Total																												
L	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.60</td><td>1.00</td></tr><tr><td>E</td><td>0.30</td><td>0.30</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.50</td><td>0.90</td></tr><tr><td>E</td><td>3.40</td><td>0.20</td></tr></table>						JMB	CAMB	A	B	0.60	1.00	E	0.30	0.30	O	B	2.50	0.90	E	3.40	0.20	Bd	26	1	26	10.28	.01
							JMB	CAMB																				
					A	B	0.60	1.00																				
						E	0.30	0.30																				
					O	B	2.50	0.90																				
						E	3.40	0.20																				
					Lev	40	1	40	15.81	.001																		
					Type	1	1	1	0.40	NS																		
					B x L	38	1	38	15.02	.001																		
					B x T	5	1	5	1.98	NS																		
					L x T	2	1	2	0.79	NS																		
					BxLxT	2	1	2	0.79	NS																		
					W.Cells	202	80	2.53																				
Total	316	87																										

AND ECONOMIC ANALYSIS																											
Cat. S-Cat.	Means for Each Cell			Analysis of Variance																							
L1	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.30</td></tr><tr><td>E</td><td>0.30</td><td>0.30</td></tr><tr><td rowspan="2">O</td><td>B</td><td>1.50</td><td>0.00</td></tr><tr><td>E</td><td>1.80</td><td>0.20</td></tr></table>					JMB	CAMB	A	B	0.00	0.30	E	0.30	0.30	O	B	1.50	0.00	E	1.80	0.20	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.
						JMB	CAMB																				
				A	B	0.00	0.30																				
					E	0.30	0.30																				
				O	B	1.50	0.00																				
					E	1.80	0.20																				
				Bd																							
				Lev.																							
				Type																							
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				B x T	NO CALCULATION ATTEMPTED																						
L x T																											
BxLxT																											
W.Cells																											
Total																											
L2	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.50</td><td>0.30</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.50</td><td>0.00</td></tr><tr><td>E</td><td>0.90</td><td>0.20</td></tr></table>					JMB	CAMB	A	B	0.50	0.30	E	0.00	0.00	O	B	0.50	0.00	E	0.90	0.20	Bd					
						JMB	CAMB																				
				A	B	0.50	0.30																				
					E	0.00	0.00																				
				O	B	0.50	0.00																				
					E	0.90	0.20																				
				Lev																							
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				B x T																							
				L x T	NO CALCULATION ATTEMPTED																						
BxLxT																											
W.Cells																											
Total																											
M	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.60</td><td>0.30</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.50</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>					JMB	CAMB	A	B	0.60	0.30	E	0.00	0.00	O	B	0.00	0.50	E	0.00	0.00	Bd					
						JMB	CAMB																				
				A	B	0.60	0.30																				
					E	0.00	0.00																				
				O	B	0.00	0.50																				
					E	0.00	0.00																				
				Lev																							
				Type																							
				B x L																							
				B x T	NO CALCULATION ATTEMPTED																						
				L x T																							
BxLxT																											
W.Cells																											
Total																											
N	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>					JMB	CAMB	A	B	0.00	0.00	E	0.00	0.00	O	B	0.00	0.00	E	0.00	0.00	Bd					
						JMB	CAMB																				
				A	B	0.00	0.00																				
					E	0.00	0.00																				
				O	B	0.00	0.00																				
					E	0.00	0.00																				
				Lev																							
				Type																							
				B x L	NO CALCULATION ATTEMPTED																						
				B x T																							
				L x T																							
BxLxT																											
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Total																											

Cat. S-Cat.	Means for Each Cell				Analysis of Variance																							
P	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.00	0.00	E	0.00	0.00	O	B	0.00	0.00	E	0.00	0.00	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.
							JMB	CAMB																				
					A	B	0.00	0.00																				
						E	0.00	0.00																				
					O	B	0.00	0.00																				
						E	0.00	0.00																				
					Bd																							
					Lev.																							
					Type																							
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					B x T																							
L x T																												
BxLxT																												
W.Cells																												
Total																												
Y	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>1.80</td><td>1.90</td></tr><tr><td>E</td><td>5.80</td><td>4.20</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.80</td><td>1.10</td></tr><tr><td>E</td><td>4.30</td><td>0.80</td></tr></table>						JMB	CAMB	A	B	1.80	1.90	E	5.80	4.20	O	B	2.80	1.10	E	4.30	0.80	Bd	62	1	62	3.65	NS
							JMB	CAMB																				
					A	B	1.80	1.90																				
						E	5.80	4.20																				
					O	B	2.80	1.10																				
						E	4.30	0.80																				
					Lev	27	1	27	1.59	NS																		
					Type	86	1	86	5.06	.05																		
					B x L	18	1	18	1.06	NS																		
					B x T	18	1	18	1.06	NS																		
					L x T	34	1	34	2.00	NS																		
BxLxT	0	0	0	0.00	NS																							
W.Cells	1379	80	17																									
Total	1624	87																										
	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr><tr><td rowspan="2">O</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>						JMB	CAMB	A	B			E			O	B			E			Bd					
							JMB	CAMB																				
					A	B																						
						E																						
					O	B																						
						E																						
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							JMB	CAMB																				
					A	B																						
						E																						
					O	B																						
						E																						
					Lev																							
					Type																							
					B x L																							
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W.Cells																												
Total																												







COMPARISON OF JMB AND CAMBRIDGE 'A' & 'O' LEVEL PAPERS ON BRIT. & EUROPEAN EARLY MOD. HISTORY

HISTORY

Cat. S-Cat.	Means for Each Cell				Analysis of Variance																												
A4	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">A</td><td>B</td><td>14.50</td><td>15.25</td></tr><tr><td>E</td><td>5.00</td><td>5.50</td></tr><tr><td rowspan="2">O</td><td>B</td><td>12.00</td><td>12.00</td></tr><tr><td>E</td><td>4.25</td><td>6.25</td></tr></table>						JMB	CAMB					A	B	14.50	15.25	E	5.00	5.50	O	B	12.00	12.00	E	4.25	6.25	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
							JMB	CAMB																									
					A	B	14.50	15.25																									
						E	5.00	5.50																									
					O	B	12.00	12.00																									
						E	4.25	6.25																									
					Bd	5	1	5	0.42	NS																							
					Lev.	17	1	17	1.42	NS																							
					Type	536	1	536	44.67	.001																							
					B x L	0	1	0	0.00	NS																							
					B x T	1	1	1	0.08	NS																							
L x T	16	1	16	1.33	NS																												
BxLxT	3	1	3	0.25	NS																												
W.Cells	288	24	12																														
Total	866	31																															
A1(s)A3	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">A</td><td>B</td><td>23.25</td><td>28.25</td></tr><tr><td>E</td><td>28.00</td><td>25.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>33.50</td><td>33.75</td></tr><tr><td>E</td><td>25.50</td><td>32.75</td></tr></table>						JMB	CAMB					A	B	23.25	28.25	E	28.00	25.00	O	B	33.50	33.75	E	25.50	32.75	Bd	45	1	45	0.58	NS	
							JMB	CAMB																									
					A	B	23.25	28.25																									
						E	28.00	25.00																									
					O	B	33.50	33.75																									
						E	25.50	32.75																									
					Lev	220	1	220	2.82	NS																							
					Type	28	1	28	0.36	NS																							
					B x L	16	1	16	0.20	NS																							
					B x T	0	1	0	0.00	NS																							
					L x T	56	1	56	0.72	NS																							
BxLxT	111	1	111	1.42	NS																												
W.Cells	1864	24	78																														
Total	2340	31																															
A14	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">A</td><td>B</td><td>21.25</td><td>25.50</td></tr><tr><td>E</td><td>20.00</td><td>23.75</td></tr><tr><td rowspan="2">O</td><td>B</td><td>22.00</td><td>19.50</td></tr><tr><td>E</td><td>14.75</td><td>17.00</td></tr></table>						JMB	CAMB					A	B	21.25	25.50	E	20.00	23.75	O	B	22.00	19.50	E	14.75	17.00	Bd	30	1	30	0.57	NS	
							JMB	CAMB																									
					A	B	21.25	25.50																									
						E	20.00	23.75																									
					O	B	22.00	19.50																									
						E	14.75	17.00																									
					Lev	149	1	149	2.81	NS																							
					Type	78	1	78	1.47	NS																							
					B x L	33	1	33	0.62	NS																							
					B x T	12	1	12	0.23	NS																							
					L x T	26	1	26	0.49	NS																							
BxLxT	11	1	11	0.21	NS																												
W.Cells	1280	24	53																														
Total	1619	31																															
B	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td rowspan="2">A</td><td>B</td><td>13.00</td><td>6.00</td></tr><tr><td>E</td><td>6.50</td><td>6.75</td></tr><tr><td rowspan="2">O</td><td>B</td><td>10.75</td><td>4.50</td></tr><tr><td>E</td><td>4.75</td><td>1.50</td></tr></table>						JMB	CAMB					A	B	13.00	6.00	E	6.50	6.75	O	B	10.75	4.50	E	4.75	1.50	Bd	132	1	132	22.00	.001	
							JMB	CAMB																									
					A	B	13.00	6.00																									
						E	6.50	6.75																									
					O	B	10.75	4.50																									
						E	4.75	1.50																									
					Lev	58	1	58	9.67	.01																							
					Type	109	1	109	18.17	.001																							
					B x L	4	1	4	0.67	NS																							
					B x T	29	1	29	4.83	.05																							
					L x T	5	1	5	0.83	NS																							
BxLxT	32	1	32	5.33	.05																												
W.Cells	146	24	6																														
Total	515	31																															

b) COMPARISON OF JMB AND CAMBRIDGE 'A' & 'O' LEVEL PAPERS ON BRITISH & EUROPEAN EARLY

Cat. S-Cat.	Means for Each Cell				Analysis of Variance							
C					Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.		
					Bd							
					Lev.							
					Type							
	A	B	JMB	CAMB	B x L							
		E	0.00	0.00	B x T	NO CALCULATION ATTEMPTED						
	O	B	0.00	0.00	L x T							
		E	0.00	0.00	BxLxT							
					W.Cells							
					Total							
	D					Bd						
						Lev						
				Type								
A		B	JMB	CAMB	B x L							
		E	1.25	2.00	B x T	NO CALCULATION ATTEMPTED						
O		B	0.00	1.00	L x T							
		E	1.00	0.50	BxLxT							
				W.Cells								
				Total								
E						Bd	36	1	36	2.12	NS	
						Lev	72	1	72	4.24	NS	
						Type	18	1	18	1.06	NS	
	A	B	JMB	CAMB	B x L	60	1	60	3.53	NS		
		E	1.00	1.75	B x T	0	1	0	0.00	NS		
	O	B	0.25	0.80	L x T	3	1	3	0.18	NS		
		E	7.75	2.25	BxLxT	2	1	2	0.12	NS		
					W.Cells	408	24	17				
					Total	599	31					
	G					Bd	153	1	153	6.38	.05	
						Lev	3	1	3	0.13	NS	
						Type	181	1	181	7.54	.05	
A		B	JMB	CAMB	B x L	32	1	32	1.33	NS		
		E	14.75	7.75	B x T	55	1	55	2.29	NS		
O		B	13.00	15.25	L x T	28	1	28	1.17	NS		
		E	12.25	5.25	BxLxT	32	1	32	1.33	NS		
				W.Cells	586	24	24					
				Total	1070	31						

Cat. S-Cat.	Means for Each Cell				Analysis of Variance						
					Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
G(a)					Bd	124	1	124	8.26	.01	
					Lev.	11	1	11	0.73	NS	
	A		JMB	CAMB	Type	259	1	259	17.26	.001	
		B	7.00	1.00	B x L	43	1	43	2.86	NS	
		E	7.50	10.25	B x T	7	1	7	0.47	NS	
	O	B	6.25	2.50	L x T	5	1	5	0.33	NS	
		E	15.25	6.50	BxLxT	95	1	95	6.33	.05	
					W.Cells	351	24	15			
					Total	895	31				
G(b)					Bd	1	1	1	0.11	NS	
					Lev	21	1	21	2.29	NS	
	A		JMB	CAMB	Type	8	1	8	0.87	NS	
		B	6.25	5.75	B x L	10	1	10	1.09	NS	
		E	3.25	5.25	B x T	32	1	32	3.49	NS	
	O	B	5.75	1.50	L x T	4	1	4	0.44	NS	
		E	2.75	4.00	BxLxT	4	1	4	0.44	NS	
					W.Cells	220	24	9.17			
					Total	300	31				
H					Bd	22	1	22	1.29	NS	
					Lev	25	1	25	1.47	NS	
	A		JMB	CAMB	Type	16	1	16	0.94	NS	
		B	5.25	8.50	B x L	21	1	21	1.24	NS	
		E	5.00	8.25	B x T	49	1	49	2.88	NS	
	O	B	1.00	6.00	L x T	21	1	21	1.24	NS	
		E	9.00	4.00	BxLxT	50	1	50	2.94	NS	
					W.Cells	405	24	17			
					Total	608	31				
J					Bd	72	1	72	2.48	NS	
					Lev	36	1	36	1.24	NS	
	A		JMB	CAMB	Type	50	1	50	1.72	NS	
		B	4.50	5.25	B x L	128	1	128	4.41	.05	
		E	8.75	6.00	B x T	10	1	10	0.34	NS	
	O	B	3.25	10.75	L x T	0	1	0	0.00	NS	
		E	6.25	12.75	BxLxT	4	1	4	0.14	NS	
					W.Cells	693	24	29			
					Total	993	31				

b) COMPARISON OF JMB AND CAMBRIDGE 'A' & 'O' LEVEL PAPERS ON BRIT. & EUROPEAN EARLY MODERN HISTORY

Cat. S-Cat.		Means for Each Cell		Analysis of Variance						HISTORY																
J1	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>3.75</td><td>5.00</td></tr><tr><td>E</td><td>8.25</td><td>6.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.75</td><td>6.75</td></tr><tr><td>E</td><td>6.25</td><td>10.00</td></tr></table>			JMB	CAMB	A	B	3.75	5.00	E	8.25	6.00	O	B	2.75	6.75	E	6.25	10.00	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
				JMB	CAMB																					
		A	B	3.75	5.00																					
			E	8.25	6.00																					
		O	B	2.75	6.75																					
			E	6.25	10.00																					
		Bd	23	1	23	1.21	NS																			
		Lev.	4	1	4	0.21	NS																			
		Type	75	1	75	3.95	NS																			
		B x L	38	1	38	2.00	NS																			
B x T	7	1	7	0.37	NS																					
L x T	0	1	0	0.00	NS																					
BxLxT	5	1	5	0.26	NS																					
W.Cells	461	24	19																							
Total	613	31																								
J2	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.50</td><td>0.00</td></tr><tr><td>E</td><td>0.75</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>			JMB	CAMB	A	B	0.50	0.00	E	0.75	0.00	O	B	0.00	0.00	E	0.00	0.00	Bd						
				JMB	CAMB																					
		A	B	0.50	0.00																					
			E	0.75	0.00																					
		O	B	0.00	0.00																					
			E	0.00	0.00																					
		Lev																								
		Type																								
		B x L																								
		B x T	NO CALCULATION ATTEMPTED																							
L x T																										
BxLxT																										
W.Cells																										
Total																										
L	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>1.00</td><td>0.25</td></tr><tr><td>E</td><td>1.75</td><td>1.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.50</td><td>2.00</td></tr><tr><td>E</td><td>7.75</td><td>1.25</td></tr></table>			JMB	CAMB	A	B	1.00	0.25	E	1.75	1.00	O	B	2.50	2.00	E	7.75	1.25	Bd	55	1	55	7.20	.05	
				JMB	CAMB																					
		A	B	1.00	0.25																					
			E	1.75	1.00																					
		O	B	2.50	2.00																					
			E	7.75	1.25																					
		Lev	51	1	66	11.10	.01																			
		Type	22	1	32	4.80	.05																			
		B x L	17	1	28	3.70	NS																			
		B x T	20	1	33	4.30	.05																			
L x T	2	1	12	0.43	NS																					
BxLxT	15	1	29	3.26	NS																					
W.Cells	110	24	4.6																							
Total	292	31																								
L1	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.50</td><td>0.00</td></tr><tr><td>E</td><td>0.50</td><td>0.75</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>3.25</td><td>1.25</td></tr></table>			JMB	CAMB	A	B	0.50	0.00	E	0.50	0.75	O	B	0.00	0.00	E	3.25	1.25	Bd	3	1	3	3.00	NS	
				JMB	CAMB																					
		A	B	0.50	0.00																					
			E	0.50	0.75																					
		O	B	0.00	0.00																					
			E	3.25	1.25																					
		Lev	5	1	5	5.00	.05																			
		Type	14	1	14	14.00	.01																			
		B x L	1	1	1	1.00	NS																			
		B x T	1	1	1	1.00	NS																			
L x T	3	1	3	3.00	NS																					
BxLxT	8	1	8	8.00	.01																					
W.Cells	24	24	1																							
Total	59	31																								

6) COMPARISON OF JMB AND CAMBRIDGE 'A' AND 'O' LEVEL PAPERS ON BRIT. & EUROPEAN EARLY MODERN HISTORY

Cat. S-Cat.	Means for Each Cell				Analysis of Variance						HISTORY																		
L2	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.50</td><td>0.25</td></tr><tr><td>E</td><td>0.75</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.50</td><td>2.00</td></tr><tr><td>E</td><td>6.00</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.50	0.25	E	0.75	0.00	O	B	2.50	2.00	E	6.00	0.00	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
							JMB	CAMB																					
					A	B	0.50	0.25																					
						E	0.75	0.00																					
					O	B	2.50	2.00																					
						E	6.00	0.00																					
					Bd	28	1	28	8.83	.01																			
					Lev.	41	1	41	12.93	.01																			
					Type	1	1	1	0.31	NS																			
					B x L	15	1	15	4.73	.05																			
					B x T	18	1	18	5.68	.05																			
					L x T	1	1	1	0.31	NS																			
BxLxT	52	1	52	16.40	.001																								
W.Cells	76	24	3.17																										
Total	232	31																											
M	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.00	0.00	E	0.00	0.00	O	B	0.00	0.00	E	0.00	0.00	Bd						
							JMB	CAMB																					
					A	B	0.00	0.00																					
						E	0.00	0.00																					
					O	B	0.00	0.00																					
						E	0.00	0.00																					
					Lev																								
					Type																								
					B x L																								
					B x T	NO CALCULATION ATTEMPTED																							
					L x T																								
					BxLxT																								
W.Cells																													
Total																													
N	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.00	0.00	E	0.00	0.00	O	B	0.00	0.00	E	0.00	0.00	Bd						
							JMB	CAMB																					
					A	B	0.00	0.00																					
						E	0.00	0.00																					
					O	B	0.00	0.00																					
						E	0.00	0.00																					
					Lev																								
					Type																								
					B x L																								
					B x T	NO CALCULATION ATTEMPTED																							
					L x T																								
					BxLxT																								
W.Cells																													
Total																													
P	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr><tr><td rowspan="2">O</td><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>						JMB	CAMB	A	B	0.00	0.00	E	0.00	0.00	O	B	0.00	0.00	E	0.00	0.00	Bd						
							JMB	CAMB																					
					A	B	0.00	0.00																					
						E	0.00	0.00																					
					O	B	0.00	0.00																					
						E	0.00	0.00																					
					Lev																								
					Type																								
					B x L	NO CALCULATION ATTEMPTED																							
					B x T																								
					L x T																								
					BxLxT																								
W.Cells																													
Total																													

## COMPARISON OF JMB AND CAMBRIDGE 'A' &amp; 'O' LEVEL PAPERS ON BRITISH &amp; EUROPEAN EARLY MODERN HISTORY

COMPARISON OF JMB AND CAMBRIDGE LEVEL PAPERS ON BRITISH & EUROPEAN EARLY MODERN HISTORY																													
Cat. S-Cat.	Means for Each Cell				Analysis of Variance																								
Y	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td>0.00</td><td>2.25</td></tr><tr><td>E</td><td>8.25</td><td>1.50</td></tr><tr><td rowspan="2">O</td><td>B</td><td>2.75</td><td>3.00</td></tr><tr><td>E</td><td>1.75</td><td>3.75</td></tr></table>						JMB	CAMB	A	B	0.00	2.25	E	8.25	1.50	O	B	2.75	3.00	E	1.75	3.75	Sce of Var.	Sum of Sq.	D.F	Mean Sq	F	Sig.	
							JMB	CAMB																					
					A	B	0.00	2.25																					
						E	8.25	1.50																					
					O	B	2.75	3.00																					
						E	1.75	3.75																					
					Bd	2	1	2	0.27	NS																			
					Lev.	1	1	1	0.13	NS																			
					Type	27	1	27	3.60	NS																			
					B x L	22	1	22	2.93	NS																			
					B x T	26	1	26	3.47	NS																			
L x T	30	1	30	4.00	NS																								
BxLxT	57	1	57	7.60	.05																								
W.Cells	180	24	7.5																										
Total	345	31																											
	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr><tr><td rowspan="2">O</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>						JMB	CAMB	A	B			E			O	B			E			Bd						
							JMB	CAMB																					
					A	B																							
						E																							
					O	B																							
						E																							
					Lev																								
					Type																								
					B x L																								
					B x T																								
					L x T																								
BxLxT																													
W.Cells																													
Total																													
	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr><tr><td rowspan="2">O</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>						JMB	CAMB	A	B			E			O	B			E			Bd						
							JMB	CAMB																					
					A	B																							
						E																							
					O	B																							
						E																							
					Lev																								
					Type																								
					B x L																								
					B x T																								
					L x T																								
BxLxT																													
W.Cells																													
Total																													
	<table><tr><td></td><td></td><td>JMB</td><td>CAMB</td></tr><tr><td rowspan="2">A</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr><tr><td rowspan="2">O</td><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>						JMB	CAMB	A	B			E			O	B			E			Bd						
							JMB	CAMB																					
					A	B																							
						E																							
					O	B																							
						E																							
					Lev																								
					Type																								
					B x L																								
					B x T																								
					L x T																								
BxLxT																													
W.Cells																													
Total																													

Cat. S.Cat	Means for each cell	Analysis of Variance																	
A	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>54.00</td><td>48.8</td></tr><tr><td>E</td><td>51.40</td><td>52.60</td></tr></table>		'A'	'O'		JMB	CAMB	B	54.00	48.8	E	51.40	52.60	Sce of Var	Sum of Sq	D.F.	Mean Sq	F	Sig.
	'A'	'O'																	
	JMB	CAMB																	
B	54.00	48.8																	
E	51.40	52.60																	
		Bds, Ls	20	1	20	0.48	NS												
		Ts	2.	1	2.	0.04	NS												
		BL x T	51	1	51	1.21	NS												
		W.cells	671	16	42														
		Total	744	19															
A1, A1(s)	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>8.80</td><td>11.40</td></tr><tr><td>E</td><td>32.20</td><td>37.40</td></tr></table>		'A'	'O'		JMB	CAMB	B	8.80	11.40	E	32.20	37.40	Bds, Ls	58	1	58	1.81	NS
	'A'	'O'																	
	JMB	CAMB																	
B	8.80	11.40																	
E	32.20	37.40																	
		Ts	3175	1	3175	99.22	.001												
		BL x T	3	1	3	0.09	NS												
		W.cells	506	16	32														
		Total	3742	19															
A1	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>2.60</td><td>6.40</td></tr><tr><td>E</td><td>24.40</td><td>9.00</td></tr></table>		'A'	'O'		JMB	CAMB	B	2.60	6.40	E	24.40	9.00	Bds, Ls	168	1	168	4.00	N.S.
	'A'	'O'																	
	JMB	CAMB																	
B	2.60	6.40																	
E	24.40	9.00																	
		Ts	744	1	744	17.71	.001												
		BL x T	461	1	461	10.98	.01												
		W.cells	672	16	42														
		Total	2045	19															
A1(s)	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>6.00</td><td>5.00</td></tr><tr><td>E</td><td>8.80</td><td>28.40</td></tr></table>		'A'	'O'		JMB	CAMB	B	6.00	5.00	E	8.80	28.40	Bds, Ls	403	1	403	14.39	.01
	'A'	'O'																	
	JMB	CAMB																	
B	6.00	5.00																	
E	8.80	28.40																	
		Ts	858	1	858	30.64	.001												
		BL x T	560	1	560	20.00	.001												
		W.cells	446	16	28														
		Total	2267	19															
A234	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>43.20</td><td>35.00</td></tr><tr><td>E</td><td>17.40</td><td>13.00</td></tr></table>		JMB	CAMB	B	43.20	35.00	E	17.40	13.00	Bds, Ls	199	1	199	8.65	.01			
	JMB	CAMB																	
B	43.20	35.00																	
E	17.40	13.00																	
		Ts	2856	1	2856	24.17	.001												
		BL x T	18	1	18	0.78	NS												
		W.cells	372	16	23														
		Total	3445	19															
A34	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>26.80</td><td>28.00</td></tr><tr><td>E</td><td>13.40</td><td>9.00</td></tr></table>		JMB	CAMB	B	26.80	28.00	E	13.40	9.00	Bds, Ls	13	1	13	0.62	NS			
	JMB	CAMB																	
B	26.80	28.00																	
E	13.40	9.00																	
		Ts	1312	1	1312	62.48	.001												
		BL x T	39	1	39	1.86	NS												
		W.cells	340	16	21														
		Total	1704	19															
A2	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>16.40</td><td>7.00</td></tr><tr><td>E</td><td>4.00</td><td>4.00</td></tr></table>		JMB	CAMB	B	16.40	7.00	E	4.00	4.00	Bds, Ls	111	1	111	13.88	.01			
	JMB	CAMB																	
B	16.40	7.00																	
E	4.00	4.00																	
		Ts	297	1	297	37.13	.001												
		BL x T	110	1	110	13.75	.01												
		W. cells	132	16	8														
		Total	650	19															

## (4) A Comparison of JMB 'A' and Cambridge 'O' Level Papers on British and European Mediaeval History

Cat. S.Cat	Means for each cell	Analysis of Variance																
		Sce of Var	Sum of Sq	D.F.	Mean Sq	F	Sig.											
A3	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>16.20</td><td>22.60</td></tr><tr><td>E</td><td>6.40</td><td>8.00</td></tr></table>		'A'	'O'	JMB	CAMB	B	16.20	22.60	E	6.40	8.00	Bds, Ls	80	1	80	4.17	NS
			'A'	'O'														
		JMB	CAMB															
		B	16.20	22.60														
		E	6.40	8.00														
		Ts	744	1	744	38.76	.001											
BL x T	29	1	29	1.50	NS													
W.cells	307	16	19.20															
Total	1160	19																
A4	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>10.60</td><td>4.40</td></tr><tr><td>E</td><td>7.00</td><td>0.80</td></tr></table>		JMB	CAMB	B	10.60	4.40	E	7.00	0.80	Bds, Ls	192	1	192	19.20	.001		
			JMB	CAMB														
		B	10.60	4.40														
		E	7.00	0.80														
		Ts	65	1	65	6.50	.05											
		BL x T	0	1	0	0	NS											
W.cells	161	16	10															
Total	418	19																
A1(s) A3	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>22.20</td><td>27.60</td></tr><tr><td>E</td><td>15.20</td><td>36.60</td></tr></table>		JMB	CAMB	B	22.20	27.60	E	15.20	36.60	Bds, Ls	898	1	898	21.90	.001		
			JMB	CAMB														
		B	22.20	27.60														
		E	15.20	36.60														
		Ts	5	1	5	0	N.S.											
		BL x T	320	1	320	7.80	.05											
W.cells	649	16	41															
Total	1872	19																
A14	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>13.00</td><td>11.80</td></tr><tr><td>E</td><td>31.40</td><td>9.80</td></tr></table>		JMB	CAMB	B	13.00	11.80	E	31.40	9.80	Bds, Ls	649	1	649	12.01	.01		
			JMB	CAMB														
		B	13.00	11.80														
		E	31.40	9.80														
		Ts	337	1	337	6.24	.05											
		BL x T	520	1	520	9.63	.01											
W.cells	865	16	54															
Total	2371	19																
B	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>8.80</td><td>7.00</td></tr><tr><td>E</td><td>7.00</td><td>3.00</td></tr></table>		JMB	CAMB	B	8.80	7.00	E	7.00	3.00	Bds, Ls	42	1	42	2.33	NS		
			JMB	CAMB														
		B	8.80	7.00														
		E	7.00	3.00														
		Ts	42	1	42	2.33	NS											
		BL x T	6	1	6	0.33	NS											
W.cells	291	16	18															
Total	381	19																
C	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>2.20</td><td>0.40</td></tr><tr><td>E</td><td>0.40</td><td>0.40</td></tr></table>		JMB	CAMB	B	2.20	0.40	E	0.40	0.40	Bds, Ls							
			JMB	CAMB														
		B	2.20	0.40														
		E	0.40	0.40														
		Ts																
		BL x T	NO CALCULATION ATTEMPTED															
W.cells																		
Total																		
D	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>4.60</td><td>0.40</td></tr><tr><td>E</td><td>1.80</td><td>0.40</td></tr></table>		JMB	CAMB	B	4.60	0.40	E	1.80	0.40	Bds, Ls	39	1	39	17.33	.01		
			JMB	CAMB														
		B	4.60	0.40														
		E	1.80	0.40														
		Ts	10	1	10	4.44	NS											
		BL x T	10	1	10	4.44	N.S.											
W. cells	36	16	2.25															
Total	95	19																



## (d) A Comparison of JMB 'A' and Cambridge 'O' Level Papers on British and European Mediaeval History

Cat. S.Cat	Means for each cell	Analysis of Variance														
E	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>1.20</td><td>1.60</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>		JMB	CAMB	B	1.20	1.60	E	0.00	0.00	Sce of Var	Sum of Sq	D.F.	Mean Sq	F	Sig.
			JMB	CAMB												
		B	1.20	1.60												
		E	0.00	0.00												
		Bds, Ls														
		Ts														
BL x T																
W.cells	NO CALCULATION ATTEMPTED															
Total																
G	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>11.60</td><td>17.00</td></tr><tr><td>E</td><td>24.00</td><td>24.60</td></tr></table>		JMB	CAMB	B	11.60	17.00	E	24.00	24.60	Bds, Ls	44	1	44	1.16	NS
			JMB	CAMB												
		B	11.60	17.00												
		E	24.00	24.60												
		Ts	500	1	500	13.16	.01									
		BL x T	29	1	29	0.76	NS									
W.cells	611	16	38													
Total	1184	19														
G(a)	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>4.20</td><td>10.80</td></tr><tr><td>E</td><td>12.80</td><td>17.20</td></tr></table>		JMB	CAMB	B	4.20	10.80	E	12.80	17.20	Bds, Ls	151	1	151	3.68	NS
			JMB	CAMB												
		B	4.20	10.80												
		E	12.80	17.20												
		Ts	281	1	281	6.85	.05									
		BL x T	6	1	6	0.15	NS									
W.cells	656	16	41													
Total	1094	19														
G(b)	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>6.40</td><td>6.20</td></tr><tr><td>E</td><td>11.20</td><td>6.20</td></tr></table>		JMB	CAMB	B	6.40	6.20	E	11.20	6.20	Bds, Ls	34	1	34	1.17	NS
			JMB	CAMB												
		B	6.40	6.20												
		E	11.20	6.20												
		Ts	29	1	29	1.00	NS									
		BL x T	29	1	29	1.00	NS									
W.cells	465	16	29													
Total	555	19														
H	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>3.40</td><td>3.60</td></tr><tr><td>E</td><td>8.60</td><td>2.00</td></tr></table>		JMB	CAMB	B	3.40	3.60	E	8.60	2.00	Bds, Ls	51	1	51	3.64	NS
			JMB	CAMB												
		B	3.40	3.60												
		E	8.60	2.00												
		Ts	17	1	17	1.21	NS									
		BL x T	63	1	58	4.50	.05									
W.cells	223	16	14													
Total	354	19														
J	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>9.00</td><td>14.00</td></tr><tr><td>E</td><td>5.20</td><td>10.40</td></tr></table>		JMB	CAMB	B	9.00	14.00	E	5.20	10.40	Bds, Ls	130	1	130	3.51	NS
			JMB	CAMB												
		B	9.00	14.00												
		E	5.20	10.40												
		Ts	68	1	68	1.84	NS									
		BL x T	0	1	0	0.00	NS									
W.cells	593	16	37													
Total	791	19														
J1	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>6.80</td><td>12.20</td></tr><tr><td>E</td><td>4.20</td><td>7.40</td></tr></table>		JMB	CAMB	B	6.80	12.20	E	4.20	7.40	Bds, Ls	93	1	93	2.70	NS
			JMB	CAMB												
		B	6.80	12.20												
		E	4.20	7.40												
		Ts	69	1	69	2.20	NS									
		BL x T	6	1	6	0.20	NS									
W. cells	510	16	32													
Total	678	19														

A Comparison of JMB 'A' and Cambridge 'O' Level Papers on British and European Mediaeval History

Cat. S.Cat	Means for each cell	Analysis of Variance																
		Sce of Var	Sum of Sq	D.F.	Mean Sq	F	Sig.											
J2	<table><tr><td></td><td>'A'</td><td>'O'</td></tr><tr><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>2.20</td><td>0.80</td></tr><tr><td>E</td><td>1.00</td><td>0.00</td></tr></table>		'A'	'O'	JMB	CAMB	B	2.20	0.80	E	1.00	0.00	Bds, Ls					
			'A'	'O'														
		JMB	CAMB															
		B	2.20	0.80														
		E	1.00	0.00														
		Ts																
BL x T	NO CALCULATION ATTEMPTED																	
W.cells																		
Total																		
L	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.40</td><td>0.80</td></tr><tr><td>E</td><td>3.60</td><td>1.80</td></tr></table>		JMB	CAMB	B	0.40	0.80	E	3.60	1.80	Bds, Ls	3	1	3	0.82	NS		
			JMB	CAMB														
		B	0.40	0.80														
		E	3.60	1.80														
		Ts	23	1	23	6.34	.05											
		BL x T	5	1	5	1.38	NS											
W.cells	58	16	3.63															
Total	89	19																
L1	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.20</td><td>0.20</td></tr><tr><td>E</td><td>2.00</td><td>0.40</td></tr></table>		JMB	CAMB	B	0.20	0.20	E	2.00	0.40	Bds, Ls							
			JMB	CAMB														
		B	0.20	0.20														
		E	2.00	0.40														
		Ts																
		BL x T																
W.cells	NO CALCULATION ATTEMPTED																	
Total																		
L2	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>1.40</td><td>0.40</td></tr></table>		JMB	CAMB	B	0.00	0.00	E	1.40	0.40	Bds, Ls							
			JMB	CAMB														
		B	0.00	0.00														
		E	1.40	0.40														
		Ts																
		BL x T																
W.cells	NO CALCULATION ATTEMPTED																	
Total																		
M	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.20</td><td>0.40</td></tr><tr><td>E</td><td>0.20</td><td>0.00</td></tr></table>		JMB	CAMB	B	0.20	0.40	E	0.20	0.00	Bds, Ls							
			JMB	CAMB														
		B	0.20	0.40														
		E	0.20	0.00														
		Ts																
		BL x T	NO CALCULATION ATTEMPTED															
W.cells																		
Total																		
N	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>		JMB	CAMB	B	0.00	0.00	E	0.00	0.00	Bds, Ls							
			JMB	CAMB														
		B	0.00	0.00														
		E	0.00	0.00														
		Ts																
		BL x T																
W.cells	NO CALCULATION ATTEMPTED																	
Total																		
P	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>B</td><td>0.00</td><td>0.00</td></tr><tr><td>E</td><td>0.00</td><td>0.00</td></tr></table>		JMB	CAMB	B	0.00	0.00	E	0.00	0.00	Bds, Ls							
			JMB	CAMB														
		B	0.00	0.00														
		E	0.00	0.00														
		Ts																
		BL x T																
W. cells	NO CALCULATION ATTEMPTED																	
Total																		

(c) A Comparison of JMB 'A' and Cambridge 'O' Level Papers on British and European Mediaeval History

Cat. S.Cat	Means for each cell	Analysis of Variance											
Y	<div><div><div>'A'</div><div>JMB</div></div><div><div>'0'</div><div>CAMB</div></div></div> <table><tr><td>B</td><td>2.40</td><td>5.20</td></tr><tr><td>E</td><td>0.80</td><td>5.00</td></tr></table>	B	2.40	5.20	E	0.80	5.00	Sce of Var	Sum of Sq	D.F.	Mean Sq	F	Sig.
		B	2.40	5.20									
		E	0.80	5.00									
		Bds, Ls	80	1	80	4.44	NS						
		Ts	10	1	10	0.56	NS						
		BL x T	0	1	0	0.00	NS						
		W.cells	284	16	17.80								
Total	374	19											
	<div><div>JMB</div><div>CAMB</div></div> <table><tr><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>	B			E			Bds, Ls					
B													
E													
		Ts											
		BL x T											
		W.cells											
		Total											
	<div><div>JMB</div><div>CAMB</div></div> <table><tr><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>	B			E			Bds, Ls					
B													
E													
		Ts											
		BL x T											
		W.cells											
		Total											
	<div><div>JMB</div><div>CAMB</div></div> <table><tr><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>	B			E			Bds, Ls					
B													
E													
		Ts											
		BL x T											
		W.cells											
		Total											
	<div><div>JMB</div><div>CAMB</div></div> <table><tr><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>	B			E			Bds, Ls					
B													
E													
		Ts											
		BL x T											
		W.cells											
		Total											
	<div><div>JMB</div><div>CAMB</div></div> <table><tr><td>B</td><td></td><td></td></tr><tr><td>E</td><td></td><td></td></tr></table>	B			E			Bds, Ls					
B													
E													
		Ts											
		BL x T											
		W. cells											
		Total											

## APPENDIX E

A Comparison of 'A' and 'O' Level Papers on Modern, Early Modern  
and Mediaeval British History Across Periods.

A Comparison of 'A' and 'O' Level Papers on Modern, Early Modern and Mediaeval British and European History Across Periods

Cat. S.Cat.	Means for each cell				Analysis of Variance					
A			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	54.00	48.80	B, L	52	1	52	0.85	NS
		E	51.40	52.60	Type	739	1	739	12.10	.001
	E M	B	59.00	64.25	Period	3333	2	1667	27.30	.001
		E	55.75	63.00	BL x T	678	1	678	11.11	.01
	M O D	B	68.20	54.20	BL x P	340	2	170	2.66	NS
		E	71.30	76.00	T x P	833	2	417	6.84	.01
					BLxTxP	251	2	125	2.05	NS
					W.cells	3911	64	61		
					Total	10137	75			
A1 & A1(s)			JMB A	CAMB O	B, L	332	1	332	5.35	.05
	M E D	B	8.80	11.40	Type	6803	1	6803	109.73	.001
		E	33.20	37.40	Period	260	2	130	2.10	NS
	E M	B	15.50	21.00	BL x T	803	1	803	12.95	.001
		E	24.50	30.00	BL x P	11	2	6	0.10	NS
	M O D	B	20.50	12.60	T x P	598	2	299	4.82	.05
		E	28.30	44.30	BLxTxP	628	2	314	5.06	.01
					W.cells	3998	64	62		
					Total	13433	75			
A1			JMB A	CAMB O	B, L	29	1	29	0.62	NS
	M E D	B	2.60	6.40	Type	2628	1	2628	56.12	.001
		E	24.40	9.00	Period	683	2	342	7.26	.01
	E M	B	6.80	7.50	BL x T	2	1	2	0.04	NS
		E	15.00	10.80	BL x P	168	2	84	1.79	NS
	M O D	B	11.90	6.80	T x P	195	2	98	2.07	NS
		E	19.50	27.10	BLxTxP	1058	2	529	11.26	.01
					W.cells	3016	64	47		
					Total	7779	75			
A1(s)			JMB A	CAMB O	B, L	676	1	676	12.07	.001
	M E D	B	6.00	5.00	Type	980	1	980	17.50	.001
		E	8.80	28.40	Period	108	2	54	0.96	NS
	E M	B	8.80	13.80	BL x T	590	1	590	10.54	.01
		E	10.00	19.30	BL x P	42	2	21	0.38	NS
	M O D	B	8.60	5.90	T x P	189	2	95	1.69	NS
		E	8.80	17.20	BLxTxP	329	2	165	2.64	NS
					W.cells	3579	64	56		
					Total	6493	75			

Cat. S.Cat.	Means for each cell				Analysis of Variance					
A234			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	43.20	35.00	B, L	552	1	552	10.22	.001
		E	17.40	13.00	Type	4596	1	4596	85.11	.001
	E M	B	42.75	36.75	Period	1310	2	655	12.13	.001
		E	26.25	25.00	BL x T	40	1	40	0.74	NS
	M O D	B	46.20	39.70	BL x P	8	2	4	0.07	NS
		E	33.40	28.60	T x P	476	2	238	4.41	.05
					BLxTxP	19	2	10	0.19	NS
					W.cells	3426	64	54		
					Total	10427	75			
A34			JMB A	CAMB O	B, L	174	1	174	3.05	NS
	M E D	B	26.80	28.00	Type	2421	1	2421	42.47	.001
		E	13.40	9.00	Period	1354	2	692	12.14	.001
	E M	B	29.00	32.50	BL x T	8	1	8	0.14	NS
		E	23.00	19.75	BL x P	37	2	19	0.33	NS
	M O D	B	38.60	29.60	T x P	114	2	57	1.00	NS
		E	25.00	24.00	BLxTxP	278	2	139	2.44	NS
					W.cells	3660	64	57		
					Total	8076	75			
A2			JMB A	CAMB O	B, L	109	1	109	5.45	.015
	M E D	B	16.40	7.00	Type	350	1	350	17.50	.001
		E	4.00	4.00	Period	18	2	9	0.45	NS
	E M	B	13.50	4.25	BL x T	8	1	8	0.40	NS
		E	3.50	5.25	BL x P	63	2	32	1.58	NS
	M O D	B	7.80	10.30	T x P	90	2	45	2.25	NS
		E	8.50	4.60	BLxTxP	321	2	162	8.03	.01
					W.cells	1285	64	20		
					Total	2244	75			
A3			JMB A	CAMB O	B, L	45	1	45	1.18	NS
	M E D	B	16.20	22.60	Type	223	1	223	5.87	.05
		E	6.40	8.00	Period	108	2	54	1.42	NS
	E M	B	14.75	20.50	BL x T	63	1	63	1.66	NS
		E	18.00	13.50	BL x P	21	2	11	0.29	NS
	M O D	B	14.70	15.60	T x P	536	2	268	7.05	.01
		E	15.30	15.70	BLxTxP	92	2	46	1.21	NS
					W.cells	2421	64	38		
					Total	3509	75			

Cat. S.Cat.	Means for each cell				Analysis of Variance					
A4			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	10.60	4.40	B, L	395	1	395	13.62	.001
		E	7.00	0.80	Type	1148	1	1148	39.58	.001
	E M	B	14.50	12.00	Period	1002	2	501	17.28	.001
		E	5.00	6.25	BL x T	157	1	157	5.41	.05
	M O D	B	23.60	13.80	BL x P	78	2	39	1.34	NS
		E	9.80	8.30	T x P	110	2	55	1.90	NS
					BLxTxP	29	2	15	1.90	NS
					W.cells	1842	64	29		
					Total	4761	75			
A1 (s) & A3			JMB A	CAMB O	B, L	897	1	897	10.94	.01
	M E D	B	22.20	27.60	Type	269	1	269	3.28	NS
		E	15.20	36.60	Period	199	2	100	1.22	NS
	E M	B	23.25	33.75	BL x T	357	1	357	4.35	.05
		E	28.00	32.75	BL x P	340	2	170	2.07	NS
	M O D	B	23.60	21.50	T x P	98	2	49	0.60	NS
		E	24.10	32.80	BLxTxP	290	2	145	1.77	NS
					W.cells	5218	64	82		
					Total	7665	75			
A14			JMB A	CAMB O	B, L	696	1	696	7.10	.01
	M E D	B	13.00	11.80	Type	328	1	328	3.34	NS
		E	31.40	9.80	Period	2845	2	1423	14.52	.001
	E M	B	21.25	19.50	BL x T	147	1	147	1.50	NS
		E	20.00	17.00	BL x P	271	2	136	1.38	NS
	M O D	B	35.50	20.00	T x P	290	2	145	1.48	NS
		E	29.40	35.20	BLxTxP	1449	2	725	7.40	.01
					W.cells	6244	64	98		
					Total	12270	75			
B			JMB A	CAMB O	B, L	3	1	3	0.13	NS
	M E D	B	8.80	7.00	Type	660	1	660	27.50	.001
		E	7.00	3.00	Period	14	2	7	0.29	NS
	E M	B	13.00	4.50	BL x T	183	1	183	7.63	.01
		E	6.50	1.50	BL x P	334	2	167	6.96	.01
	M O D	B	6.50	15.90	T x P	89	2	45	1.85	NS
		E	4.70	2.00	BLxTxP	201	2	101	4.19	.05
					W.cells	1548	64	24		
					Total	3032	75			

Cat. S.Cat.	Means for each cell				Analysis of Variance					
C			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	2.20	0.40	B, L					
		E	0.40	0.40	Type					
	E M	B	0.00	1.00	Period					
		E	0.00	0.00	BL x T					
	M O D	B	3.80	4.10	BL x P	NO CALCULATION ATTEMPTED				
		E	0.50	0.30	T x P					
					BLxTxP					
					W.cells					
					Total					
D			JMB A	CAMB O	B, L	49	1	49	14.94	.001
	M E D	B	4.60	0.40	Type	0	1	0	0.00	NS
		E	1.80	0.40	Period	14	2	7	2.13	NS
	E M	B	1.25	0.50	BL x T	7	1	7	2.13	NS
		E	0.00	1.00	BL x P	19	2	9.5	2.89	NS
	M O D	B	2.10	0.30	T x P	18	2	9	2.74	NS
		E	2.90	1.30	BLxTxP	6	2	3	0.91	NS
					W.cells	210	64	3.28		
					Total	323	75			
E			JMB A	CAMB O	B, L	57	1	57	5.94	.05
	M E D	B	1.20	1.60	Type	47	1	47	4.89	.05
		E	0.00	0.00	Period	284	2	142	14.79	.001
	E M	B	1.00	2.25	BL x T	9	1	9	0.94	NS
		E	0.25	0.75	BL x P	27	2	13.5	1.41	NS
	M O D	B	5.00	6.30	T x P	2	2	1	0.10	NS
		E	1.60	6.00	BLxTxP	23	2	11.5	1.20	NS
					W.cells	617	64	9.6		
					Total	1066	75			
G			JMB A	CAMB O	B, L	13	1	13	0.57	NS
	M E D	B	11.60	17.00	Type	116	1	116	5.05	.05
		E	24.00	24.60	Period	3874	2	1937	84.22	.001
	E M	B	14.75	5.25	BL x T	3	1	3	0.13	NS
		E	13.00	12.50	BL x P	95	2	48	2.09	NS
	M O D	B	3.60	3.10	T x P	384	2	192	8.35	.001
		E	2.90	1.00	BLxTxP	163	2	82	3.56	.05
					W.cells	1471	64	23		
					Total	6119	75			



Cat. S.Cat.	Means for each cell				Analysis of Variance					
G(a)	JMB      CAMB A            O				Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	4.20	10.80	B, L	12	1	12	0.75	NS
		E	12.80	17.20	Type	99	1	99	6.19	.05
	E M	B	7.00	2.50	Period	1435	2	718	44.88	.001
		E	7.50	6.50	BL x T	0	1	0	0.00	NS
	M O D	B	1.10	1.20	BL x P	171	2	86	5.38	.01
		E	1.00	0.60	T x P	205	2	103	6.44	.01
					BLxTxP	22	2	11	0.69	NS
					W.cells	1054	64	16		
					Total	2998	75			
G(b)	JMB      CAMB A            O				B, L	39	1	39	3.90	NS
	M E D	B	6.40	6.20	Type	0	1	0	0.00	NS
		E	11.20	6.20	Period	568	2	284	28.40	.001
	E M	B	6.25	1.25	BL x T	0	1	0	0.00	NS
		E	3.25	4.00	BL x P	15	2	8	0.80	NS
	M O D	B	2.20	1.10	T x P	45	2	23	2.30	NS
		E	0.40	0.30	BLxTxP	62	2	31	3.10	NS
					W.cells	634	64	10		
					Total	1363	75			
	H	JMB      CAMB A            O				B, L	39	1	39	4.70
M E D		B	3.40	3.60	Type	8	1	8	0.96	NS
		E	8.60	2.00	Period	102	2	51	6.14	.01
E M		B	5.25	6.00	BL x T	16	1	16	1.93	NS
		E	5.00	3.50	BL x P	22	2	11	1.33	NS
M O D		B	3.80	2.40	T x P	39	2	20	2.41	NS
		E	1.90	1.30	BLxTxP	140	2	70	8.43	.001
				W.cells	530	64	8.30			
				Total	896	75				
J		JMB      CAMB A            O				B, L	619	1	619	13.76
	M E D	B	9.00	14.00	Type	17	1	17	0.38	NS
		E	5.20	10.40	Period	18	2	9	0.20	NS
	E M	B	4.50	10.75	BL x T	26	1	26	0.58	NS
		E	8.75	12.75	BL x P	6	2	3	0.07	NS
	M O D	B	3.30	11.40	T x P	146	2	73	1.62	NS
		E	7.50	11.90	BLxTxP	13	2	7	0.16	NS
					W.cells	2909	64	45		
					Total	3754	75			

Cat. S.Cat.	Means for each cell				Analysis of Variance					
J1			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	6.80	12.20	B, L	480	1	480	12.31	.001
		E	4.20	7.40	Type	22	1	22	0.56	NS
	E M	B	3.75	6.75	Period	16	2	8	0.21	NS
		E	8.25	10.00	BL x T	31	1	31	0.79	NS
	M O D	B	3.10	11.20	BL x P	51	2	26	0.67	NS
		E	7.10	11.90	T x P	162	2	81	2.08	NS
					BLxTxP	187	2	94	2.41	NS
					W.cells	2485	64	39		
					Total	3434	75			
J2			JMB A	CAMB O	B, L					
	M E D	B	2.20	0.80	Type					
		E	1.00	0.00	Period					
	E M	B	0.50	0.00	BL x T	NO CALCULATION ATTEMPTED				
		E	0.75	0.00	BL x P					
	M O D	B	0.10	0.20	T x P					
		E	0.10	0.00	BLxTxP					
					W.cells					
					Total					
L			JMB A	CAMB O	B, L	0	1	0	0.00	NS
	M E D	B	0.40	0.80	Type	1	1	1	0.77	NS
		E	4.40	1.20	Period	21	2	10.5	8.08	.001
	E M	B	1.00	2.00	BL x T	5	1	5	3.85	NS
		E	1.75	1.25	BL x P	4	2	2	1.54	NS
	M O D	B	0.70	0.90	T x P	21	2	12	9.23	.001
		E	0.30	0.20	BLxTxP	6	2	3	2.31	NS
					W.cells	90	64	1.3		
					Total	148	75			
L1			JMB A	CAMB O	B, L					
	M E D	B	0.20	0.20	Type					
		E	2.00	0.40	Period					
	E M	B	0.50	0.00	BL x T	NO CALCULATION ATTEMPTED				
		E	0.50	1.25	BL x P					
	M O D	B	0.00	0.00	T x P					
		E	0.30	0.20	BLxTxP					
					W.cells					
					Total					

Cat. S.Cat.	Means for each cell				Analysis of Variance					
L2			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	0.00	0.00	B, L					
		E	1.40	0.40	Type					
	E M	B	0.50	2.00	Period					
		E	0.75	0.00	BL x T					
	M O D	B	0.50	0.00	BL x P	NO CALCULATION ATTEMPTED				
		E	0.00	0.20	T x P					
					BLxTxP					
					W.cells					
					Total					
M			JMB A	CAMB O	B, L					
	M E D	B	0.20	0.40	Type					
		E	0.20	0.00	Period	NO CALCULATION ATTEMPTED				
	E M	B	0.00	0.00	BL x T					
		E	0.00	0.00	BL x P					
	M O D	B	0.60	0.50	T x P					
		E	0.00	0.00	BLxTxP					
					W.cells					
					Total					
N			JMB A	CAMB O	B, L					
	M E D	B	0.00	0.00	Type					
		E	0.00	0.00	Period					
	E M	B	0.00	0.00	BL x T	NO CALCULATION ATTEMPTED				
		E	0.00	0.00	BL x P					
	M O D	B	0.00	0.00	T x P					
		E	0.00	0.00	BLxTxP					
					W.cells					
					Total					
P			JMB A	CAMB O	B, L					
	M E D	B	0.00	0.00	Type					
		E	0.00	0.00	Period	NO CALCULATION ATTEMPTED				
	E M	B	0.00	0.00	BL x T					
		E	0.00	0.00	BL x P					
	M O D	B	0.00	0.00	T x P					
		E	0.00	0.00	BLxTxP					
					W.cells					
					Total					

Cat. S.Cat.	Means for each cell				Analysis of Variance					
Y			JMB A	CAMB O	Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
	M E D	B	2.40	6.20	B, L	13	1	13	0.87	NS
		E	0.80	5.00	Type	52	1	52	3.47	NS
	E M	B	0.00	3.00	Period	22	2	11	0.73	NS
		E	8.25	3.75	BL x T	73	1	73	4.87	.05
	M O D	B	2.00	1.10	BL x P	176	2	80	5.87	.05
		E	6.40	0.80	T x P	81	2	41	4.73	.05
					BLxTxP	36	2	18	1.20	NS
					W.cells	967	64	15		
					Total	1420	75			
			JMB A	CAMB O	B, L					
	M E D	B			Type					
		E			Period					
	E M	B			BL x T					
		E			BL x P					
	M O D	B			T x P					
		E			BLxTxP					
					W.cells					
					Total					
			JMB A	CAMB O	B, L					
	M E D	B			Type					
		E			Period					
	E M	B			BL x T					
		E			BL x P					
	M O D	B			T x P					
		E			BLxTxP					
					W.cells					
					Total					
			JMB A	CAMB O	B, L					
	M E D	B			Type					
		E			Period					
	E M	B			BL x T					
		E			BL x P					
	M O D	B			T x P					
		E			BLxTxP					
					W.cells					
					Total					

## APPENDIX F

A Comparison of "Innovatory" and "Traditional" 'A' Level Papers  
set by the JMB on British and European History.

A Comparison of "Innovatory" and "Traditional" 'A' Level Papers set by the JMB on British and European History

Cat. S.Cat.	Means for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	JMB'A' JMB'A' Innov. Trad.	Types	10	1	10	.05	NS
	B	Meths	272	1	272	1.30	NS
	E	T x M	3	1	3	.01	NS
		W.cells	7941	38	209		
		Total	8226	41			
A1 & A1(s)	JMB'A' JMB'A' Innov. Trad.	Types	2244	1	2244	20.03	.001
	B	Meths.	337	1	337	3.01	NS
	E	T x M	4	1	4	0.03	NS
		W.cells	4255	38	112		
		Total	6840	41			
A1	JMB'A' JMB'A' Innov. Trad.	Types	1736	1	1736	14.11	.001
	B	Meths	73	1	73	0.59	NS
	E	T x M	213	1	213	1.73	NS
		W.cells	4691	38	123		
		Total	6713	41			
A1(s)	JMB'A' JMB'A' Innov. Trad.	Types	22	1	22	0.37	NS
	B	Meths	6	1	6	0.10	NS
	E	T x M	22	1	22	0.37	NS
		W.cells	2244	38	59		
		Total	2294	41			
A234	JMB'A' JMB'A' Innov. Trad.	Types	2801	1	2801	71.82	.001
	B	Meths	442	1	442	3.18	NS
	E	T x M	39	1	39	0.28	NS
		W.cells	5274	38	139		
		Total	8556	41			
A34	JMB'A' JMB'A' Innov. Trad.	Types	1260	1	1260	11.25	.01
	B	Meths	377	1	377	3.36	NS
	E	T x M	2	1	2	0.02	NS
		W.cells	4251	38	112		
		Total	5890	41			
A2	JMB'A' JMB'A' Innov. Trad.	Types	337	1	337	10.87	.01
	B	Meths	5	1	5	0.16	NS
	E	T x M	66	1	66	2.13	NS
		W.cells	1187	38			
		Total	1595	41			

A Comparison of "Innovatory" and "Traditional" 'A' Level Papers set by the JMB on British and European History

Cat. S.Cat.	Means for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A3	JMB'A' JMB'A' Innov. Trad.	Types	10	1	10	0.11	NS
	B	Meths	0	1	0	0.00	NS
	E	T x M	392	1	392	4.35	.05
		W.cells	3436	38	90		
		Total	3838	41			
A4	JMB'A' JMB'A' Innov. Trad.	Types	1031	1	1031	23.98	.001
	B	Meths.	345	1	345	8.02	.01
	E	T x M	450	1	450	10.47	.01
		W.cells	1627	38	43		
		Total	3453	41			
A1(s) A3	JMB'A' JMB'A' Innov. Trad.	Types	2	1	2	0.01	NS
	B	Meths	18	1	18	0.13	NS
	E	T x M	217	1	217	1.53	NS
		W.cells	5408	38	142		
		Total	5645	41			
A14	JMB'A' JMB'A' Innov. Trad.	Types	86	1	86	0.44	NS
	B	Meths	49	1	49	0.25	NS
	E	T x M	1247	1	1247	6.43	.05
		W.cells	7357	38	194		
		Total	8739	41			
B	JMB'A' JMB'A' Innov. Trad.	Types	214	1	214	5.63	.05
	B	Meths	90	1	90	2.37	NS
	E	T x M	1	1	1	0.03	NS
		W.cells	1441	38	38		
		Total	1746	41			
C	JMB'A' JMB'A' Innov. Trad.	Types	98	1	98	13.06	.001
	B	Meths	16	1	16	2.13	NS
	E	T x M	17	1	17	2.30	NS
		W.cells	286	38	7.5		
		Total	417	41			
D	JMB'A' JMB'A' Innov. Trad.	Types	0	1	0	0.00	NS
	B	Meths	0	1	0	0.00	NS
	E	T x M	11	1	11	1.22	NS
		W.cells	344	38	9		
		Total	355	41			

A Comparison of "Innovatory" and "Traditional" 'A' Level Papers set by the JMB on British and European History

Cat. S.Cat.	Means for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
E	JMB'A' JMB'A' Innov. Trad.	Types	50	1	50	7.14	.05
	B	Meths	1	1	1	0.14	NS
	E	T x M	42	1	42	6.00	.05
		W.cells	264	38	7		
		Total	357	41			
G	JMB'A' JMB'A' Innov. Trad.	Types	23	1	23	0.34	NS
	B	Meths.	13	1	13	0.19	NS
	E	T x M	69	1	69	1.03	NS
		W.cells	2552	38	67		
		Total	2657	41			
G(a)	JMB'A' JMB'A' Innov. Trad.	Types	31	1	31	1.15	NS
	B	Meths	1	1	1	0.04	NS
	E	T x M	20	1	20	0.74	NS
		W.cells	1043	38	27		
		Total	1095	41			
G(b)	JMB'A' JMB'A' Innov. Trad.	Types	14	1	14	0.82	NS
	B	Meths	40	1	40	2.35	NS
	E	T x M	11	1	11	0.65	NS
		W.cells	649	38	17		
		Total	714	41			
H	JMB'A' JMB'A' Innov. Trad.	Types	36	1	36	2.12	NS
	B	Meths	22	1	22	1.29	NS
	E	T x M	8	1	8	0.47	NS
		W.cells	635	38	17		
		Total	701	41			
J	JMB'A' JMB'A' Innov. Trad.	Types	94	1	94	2.19	NS
	B	Meths	2	1	2	0.05	NS
	E	T x M	32	1	32	0.74	NS
		W.cells	1629	38	43		
		Total	1757	41			
J1	JMB'A' JMB'A' Innov. Trad.	Types	91	1	91	2.17	NS
	B	Meths	1	1	1	0.02	NS
	E	T x M	35	1	35	0.83	NS
		W.cells	1581	38	42		
		Total	1708	41			



A Comparison of "Innovatory" and "Traditional" 'A' Level Papers set by the JMB on British and European History

Cat. S.Cat.	Means for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
J2	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
L	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths.					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
L1	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
L2	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
L2	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
M	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
N	JMB'A' Innov.	Types					
	JMB'A' Trad.	Meths					
	B	T x M					
	E	W.cells					
		Total					
					NO CALCULATION ATTEMPTED		
P	JMB'A' Innov.	Types	23	1	23	5.18	.05
	JMB'A' Trad.	Meths	27	1	27	6.08	.05
	B	T x M	27	1	27	6.08	.05
	E	W.cells	169	38	4.44		
		Total	246	41			

A Comparison of "Innovatory" and "Traditional" 'A' Level Papers set by the JMB on British and European History

Cat. S.Cat.	Means for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
Y	JMB 'A' JMB 'A' Innov. Trad	Types	218	1	218	12.82	.001
	B	Methods	31	1	31	1.82	NS
	E	T x M	31	1	31	1.82	NS
		W.cells	642	38	17		
		Total	922	41			
	Innov. Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					
	Innov Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					
	Innov. Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					
	Innov. Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					
	Innov Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					
	Innov. Trad.	Types					
B		Methods					
E		T x M					
		W.cells					
		Total					

## APPENDIX G

### Comparisons involving JMB and Cambridge Local Examinations Syndicate Papers on British Imperial and Commonwealth History.

- (a) Comparison between Sections A and B of  
Cambridge 'O' Level Papers on the History  
of the British Empire and Commonwealth.
- (b) Comparison of section B of Cambridge 'O' Level  
Papers on the History of the British Empire  
and Commonwealth and JMB 'O' Level Papers on the  
History of the British Empire and Commonwealth.
- (c) Comparison of Papers on Early Modern Imperial  
and British History set by the Cambridge Board.
- (d) Comparison of 'O' Level Papers on Modern Imperial  
and Modern British History set by the Cambridge  
Board.
- (e) Comparison of JMB 'O' Level Papers on Modern  
Imperial and Modern British History.

(\*)COMPARISON BETWEEN SECTIONS A AND B OF CAMBRIDGE 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for section A (1558-1783)	Means for section B (1783-1939)	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	44.30	73.00	Periods	2045	1	2045	19.47	.01
			W.cells	841	8	105		
			Total	2886	9			
A1,A1(s)	19.40	25.60	Periods	96	1	96	1.48	NS
			W.cells	516	8	65		
			Total	612	9			
A1	17.00	21.20	Periods	44	1	44	0.92	NS
			W.cells	385	8	48		
			Total	429	9			
A1(s)	2.20	4.40	Periods	3	1	3	0.21	NS
			W.cells	115	8	14		
			Total	118	9			
A234	21.60	41.80	Periods	1020	1	1020	15.22	.01
			W.cells	536	8	67		
			Total	1556	9			
A34	14.60	25.00	Periods	270	1	270	5.51	.05
			W.cells	393	8	49		
			Total	663	9			
A2	7.00	16.60	Periods	230	1	230	10.95	.05
			W.cells	167	8	21		
			Total	397	9			
A3	6.80	10.80	Periods	40	1	40	1.67	NS
			W.cells	192	8	24		
			Total	232	9			
A4	8.20	14.40	Periods	96	1	96	3.70	NS
			W.cells	208	8	26		
			Total	304	9			
A1(s) A3	9.20	15.20	Periods	90	1	90	2.64	NS
			W.cells	276	8	34		
			Total	366	9			
A14	25.00	35.60	Periods	281	1	281	15.61	.01
			W.cells	143	8	18		
			Total	424	9			

(a) COMPARISON BETWEEN SECTIONS A AND B OF CAMBRIDGE 'O' LEVEL PAPERS ON THE HISTORY  
OF THE BRITISH EMPIRE AND COMMONWEALTH

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for section A (1558-1783)	Means for section B (1783-1939)	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	19.40	9.60	Periods	240	1	240	4.00	NS
			W.cells	482	8	60		
			Total	722	9			
C	0.80	0.00	Periods	-	-	-		
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
D	3.00	0.60	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
E	0.40	3.00	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
G	3.60	1.20	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
G(a)	0.40	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
G(b)	2.20	1.20	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
H	2.60	0.40	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
J	16.20	3.40	Periods	410	1	410	25.63	.001
			W.cells	126	8	16		
			Total	536	9			
J1	15.00	3.20	Periods	348	1	348	17.40	.01
			W.cells	167	8	21		
			Total	515	9			
J2	0.80	0.20	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for section A (1558-1783)	Means for Section B (1783-1939)	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	6.40	4.60	Periods	8	1	8	0.26	NS
			W.cells	236	8	30		
			Total	244	9			
L1	0.20	0.40	Periods	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
L2	6.00	3.40	Periods	17	1	17	0.59	NS
			W.cells	231	8	29		
			Total	248	9			
M	0.00	0.20	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-	-	
			Total	-	-			
P	0.00	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	4.00	5.00	Periods	3	1	3	0.23	NS
			W.cells	102	8	13		
			Total	105	9			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

(b) COMPARISON OF SECTION B OF CAMBRIDGE 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH AND JMB 'O' LEVEL PAPERS ON THE HISTORY OF THE BRIT. EMPIRE AND COMMONWEALTH

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for Cambridge Papers (Sec B)	Means for JMB Papers	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	73.00	59.20	Boards	476	1	476	5.23	NS
			W.cells	725	8	91		
			Total	1201	9			
A1 A1(s)	25.60	16.80	Boards	202	1	202	3.42	NS
			W.cells	474	8	59		
			Total	676	9			
A1	21.20	15.20	Boards	90	1	90	2.20	NS
			W.cells	330	8	41		
			Total	420	9			
A1(s)	4.40	1.60	Boards	20	1	20	2.00	NS
			W.cells	82	8	10		
			Total	102	9			
A234	41.80	31.60	Boards	259	1	259	4.46	NS
			W.cells	462	8	58		
			Total	721	9			
A34	25.00	18.80	Boards	96	1	96	2.91	NS
			W.cells	263	8	33		
			Total	359	9			
A2	16.60	12.80	Boards	36	1	36	0.71	NS
			W.cells	408	8	51		
			Total	444	9			
A3	10.80	8.20	Boards	16	1	16	2.67	NS
			W.cells	48	8	6		
			Total	64	9			
A4	14.40	10.40	Boards	40	1	40	2.86	NS
			W.cells	114	8	14		
			Total	154	9			
A1(s) A3	15.20	9.80	Boards	73	1	73	2.81	NS
			W.cells	208	8	26		
			Total	281	9			
A14	35.60	25.60	Boards	249	1	249	3.72	NS
			W.cells	539	8	67		
			Total	788	9			

(b) COMPARISON OF SECTION B OF CAMBRIDGE 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH AND JMB 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH -548-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for Cambridge Papers (sec. B)	Means for JMB Papers	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	9.60	13.00	Boards	29	1	29	0.69	NS
			W.cells	333	8	42		
			Total	362	9			
C	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
D	0.60	0.40	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
E	3.00	1.00	Boards	6	1	6	3.00	NS
			W.cells	16	8	2		
			Total	22	9			
G	1.20	1.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
G(a)	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
G(b)	1.20	1.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	0.40	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J	3.40	9.80	Boards	102	1	102	12.80	.01
			W.cells	64	8	8		
			Total	166	9			
J1	3.20	8.80	Boards	78	1	78	15.60	.01
			W.cells	42	8	5		
			Total	120	9			
J2	0.20	0.60	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			



(b) COMPARISON OF SECTION B OF CAMBRIDGE 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH AND JMB 'O' LEVEL PAPERS ON THE HISTORY OF THE BRITISH EMPIRE AND COMMONWEALTH

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Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for Cambridge Papers (sec R)	Means for JMB Papers	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	3.60	7.20	Boards	32	1	32	1.78	NS
			W.cells	140	8	18		
			Total	172	9			
L1	0.20	4.80	Boards	53	1	53	17.67	.01
			W.cells	20	8	3		
			Total	73	9			
L2	3.40	2.40	Boards	3	1	3	0.19	NS
			W.cells	124	8	16		
			Total	127	9			
M	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
N	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
P	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	5.00	9.40	Boards	48	1	48	5.33	.05
			W.cells	69	8	9		
			Total	117	9			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'0' lev papers(secB on EarlyMod	Mean for Cam.'0' lev papers on Early Mod	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	44.60	55.50	Types	411	1	411	5.13	.05
			W.cells	1042	13	80		
			Total	1453	14			
A1 A1(s)	19.40	12.80	Types	145	1	145	1.99	NS
			W.cells	953	13	73		
			Total	1098	14			
A1	17.00	5.10	Types	472	1	472	14.30	.01
			W.cells	435	13	33		
			Total	907	14			
A1(s)	2.20	7.90	Types	108	1	108	3.60	NS
			W.cells	392	13	30		
			Total	500	14			
A234	21.60	38.70	Types	975	1	975	27.80	.001
			W.cells	459	13	35		
			Total	1434	14			
A34	14.60	30.80	Types	875	1	875	22.43	.001
			W.cells	513	13	39		
			Total	1388	14			
A2	7.00	8.10	Types	4	1	4	0.22	NS
			W.cells	231	13	18		
			Total	235	14			
A3	6.80	19.30	Types	521	1	521	52.10	.001
			W.cells	129	13	10		
			Total	650	14			
A4	8.20	11.50	Types	36	1	36	1.29	NS
			W.cells	365	13	28		
			Total	401	14			
A1(s)A3	9.20	26.90	Types	1044	1	1044	21.75	.001
			W.cells	628	13	48		
			Total	1672	14			
A14	25.00	16.60	Types	235	1	235	5.60	.05
			W.cells	540	13	42		
			Total	775	14			

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'0'lev papers (secB) on Early Mod	Mean for Cam.'0'lev papers on Early Mod	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	19.40	11.10	Types	230	1	230	2.67	NS
			W.cells	1118	13	86		
			Total	1348	14			
C	0.80	2.80	Types	13	1	13	2.17	NS
			W.cells	74	13	6		
			Total	87	14			
D	3.00	0.20	Types	26	1	26	10.57	.01
			W.cells	32	13	2.46		
			Total	58	14			
E	0.40	3.80	Types	39	1	39	5.57	.05
			W.cells	93	13	7		
			Total	132	14			
G	3.60	4.50	Types	3	1	3	0.30	NS
			W.cells	132	13	10		
			Total	135	14			
G(a)	0.40	2.50	Types	15	1	15	3.00	NS
			W.cells	66	13	5		
			Total	81	14			
G(b)	2.20	0.80	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	2.60	4.20	Types	9	1	9	0.82	NS
			W.cells	147	13	11		
			Total	156	14			
J	16.20	14.40	Types	11	1	11	0.27	NS
			W.cells	527	13	41		
			Total	538	14			
J1	15.00	12.60	Types	19	1	19	0.43	NS
			W.cells	576	13	44		
			Total	595	14			
J2	0.80	0.20	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

(c) COMPARISON OF PAPERS ON EARLY MODERN IMPERIAL AND BRITISH HISTORY SET BY THE  
CAMBRIDGE BOARD

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Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'0'lev papers (secB) Early Mod	Mean for Cam.'0'lev papers on Early Mod	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	6.40	1.10	Types	94	1	94	7.23	.05
			W.cells	170	13	13		
			Total	264	14			
L1	0.40	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
L2	6.00	1.10	Types	80	1	80	6.15	.05
			W.cells	167	13	13		
			Total	247	14			
M	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
P	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	4.00	2.30	Types	10	1	10	1.43	NS
			W.cells	94	13	7		
			Total	104	14			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam 'O' Level Papers (Sec B) on Mod.Imp	Mean for Camb.'O' Lev.papers on Mod.Br	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	History 73.00	History 60.80	Types	372	1	372	3.96	NS
			W.cells	755	8	94		
			Total	1127	9			
A1 & A1(s)	25.60	18.40	Types	130	1	130	3.17	NS
			W.cells	329	8	41		
			Total	459	9			
A1	21.20	10.40	Types	292	1	292	48.60	.001
			W.cells	56	8	7		
			Total	348	9			
A1(s)	4.60	8.00	Types	29	1	29	1.61	NS
			W.cells	143	8	18		
			Total	179	9			
A234	41.80	40.20	Types	6	1	6	0.10	NS
			W.cells	482	8	60		
			Total	488	9			
A34	25.00	31.20	Types	96	1	96	3.20	NS
			W.cells	243	8	30		
			Total	339	9			
A2	16.60	9.20	Types	137	1	137	4.89	NS
			W.cells	226	8	28		
			Total	363	9			
A3	10.80	12.40	Types	6	1	6	0.67	NS
			W.cells	74	8	9		
			Total	80	9			
A4	14.40	18.60	Types	44	1	44	4.10	NS
			W.cells	86	8	10.75		
			Total	130	9			
A1(s)A3	15.20	20.40	Types	68	1	68	1.79	NS
			W.cells	302	8	38		
			Total	370	9			
A14	35.60	27.80	Types	152	1	152	16.89	.01
			W.cells	72	8	9		
			Total	224	9			

(4) COMPARISON OF 'O' LEVEL PAPERS ON MODERN IMPERIAL AND MODERN BRITISH HISTORY  
SET BY THE CAMBRIDGE BOARD

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Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'O'lev Papers(sec B) on Mod.Imp History	Mean for Cam.'O'lev Papers on Mod.Brit History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	9.60	14.00	Types	49	1	49	2.58	NS
			W.cells	149	8	19		
			Total	198	9			
C	0.00	4.20	Types	7	1	7	0.78	NS
			W.cells	74	8	9		
			Total	81	9			
D	0.60	0.60	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
E	3.00	7.20	Types	44	1	44	4.89	.05
			W.cells	70	8	9		
			Total	114	9			
G	1.20	2.40	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(a)	0.00	0.40	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(b)	1.20	2.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	0.40	1.80	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J	3.40	5.80	Types	14	1	14	1.56	NS
			W.cells	68	8	9		
			Total	82	9			
J1	3.20	5.80	Types	17	1	17	0.25	NS
			W.cells	68	8	68		
			Total	85	9			
J2	0.20	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'O' lev Papers (sec B) on Mod Imp.History	Mean for Cam.'O' lev Papers on Mod.Brit. History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	3.60	1.20	Types	14	1	14	1.40	NS
			W.cells	80	8	10		
			Total	94	9			
L1	0.20	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
L2	3.40	0.40	Types	23	1	23	1.78	NS
			W.cells	100	8	13		
			Total	123	9			
M	0.20	0.80	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
P	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
Y	5.00	1.40	Types	32	1	32	3.20	NS
			W.cells	81	8	10		
			Total	113	9			
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'O'lev papers on Mod.Imp. History	Mean for JMB 'O'lev papers on Mod.Br.Hist	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	59.20	71.80	Types	529	1	529	15.11	.01
			W.cells	458	13	35		
			Total	977	14			
A1 A1(s)	16.80	20.10	Types	36	1	36	14.40	.01
			W.cells	32	13	2.50		
			Total	68	14			
A1	15.20	12.90	Types	18	1	18	0.29	NS
			W.cells	802	13	62		
			Total	820	14			
A1(s)	1.60	7.30	Types	108	1	108	2.92	NS
			W.cells	481	13	37		
			Total	589	14			
A234	31.60	45.40	Types	635	1	635	6.10	.05
			W.cells	829	13	104		
			Total	1464	14			
A34	18.80	31.70	Types	555	1	555	9.57	.01
			W.cells	753	13	58		
			Total	1308	14			
A2	12.80	11.70	Types	4	1	4	0.16	NS
			W.cells	329	13	25		
			Total	333	14			
A3	8.20	18.30	Types	340	1	340	8.50	.05
			W.cells	517	13	40		
			Total	857	14			
A4	10.40	15.40	Types	83	1	83	1.63	NS
			W.cells	668	13	51		
			Total	751	14			
A1(s)A3	9.80	25.50	Types	822	1	822	16.78	.01
			W.cells	631	13	49		
			Total	1453	14			
A14	25.60	28.40	Types	26	1	26	0.22	NS
			W.cells	1558	13	120		
			Total	1574	14			



Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'O'lev papers on Mod.Imp History	Mean for JMB'O'lev papers on Mod.Brit. History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	13.00	3.50	Types	301	1	301	9.70	.01
			W.cells	397	13	31		
			Total	698	14			
C	0.00	0.80	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
D	0.40	0.10	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
E	1.00	7.50	Types	142	1	142	3.23	NS
			W.cells	352	8	44		
			Total	494	9			
G	1.00	0.60	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(a)	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(b)	1.00	0.60	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	0.00	1.30	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J	9.80	11.60	Types	11	1	11	0.52	NS
			W.cells	277	13	21		
			Total	288	14			
J1	8.80	10.40	Types	9	1	9	0.75	NS
			W.cells	151	13	12		
			Total	160	14			
J2	0.60	0.30	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB '0'lev papers on Mod.Imp. History	Mean for JMB '0' lev.papers on Mod.Brit History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	7.20	0.90	Types	132	1	132	13.20	.01
			W.cells	124	13	10		
			Total	256	14			
L1	4.80	0.90	Types	51	1	51	8.50	.05
			W.cells	76	13	6		
			Total	127	14			
L2	2.40	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
M	0.00	0.10	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
P	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	9.40	2.20	Types	173	1	173	43.25	.001
			W.cells	51	13	4		
			Total	224	14			
			W.cells					
			Total					
			W.cells					
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			Total					

## APPENDIX H

Comparisons Involving JMB and Cambridge Local Examinations Syndicate Papers on British Economic and Social History.

- (a) Comparison between JMB 'A' Level Papers on British Economic History and JMB 'A' Level Papers on British Economic and Social History.
- (b) Comparison of JMB 'A' and 'O' Level Papers on Modern British Economic and Social History.
- (c) Comparison of JMB 'O' Level Papers on British Economic and Social History with Section B of Cambridge 'O' Level Papers on British Economic and Social History.
- (d) Comparison between Sections A and B of the Cambridge 'O' Level Papers on British Economic and Social History.
- (e) Comparison of JMB and Cambridge 'O' Level Papers on Modern Economic and Social and Modern British History.
- (f) Comparison of JMB 'A' Level Papers on Modern British Economic and Social History and Modern British History.
- (g) Comparison of Cambridge 'O' Level Papers (Section A) on British Social and Economic History (1066-1763) and Cambridge 'O' Level Papers on British History covering the period (400-1815).

(a) Comparison between JMB 'A' Level Papers on British Economic History and JMB 'A' Level Papers on British Economic and Social History.

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Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB 'A' Level Papers on Br.Ec.Hist.	JMB 'A' Level Papers on Br.Ec. & Soc History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	20.33	18.00	Types	8	1	8	0.08	NS
			W.cells	387	4	97		
			Total	395	5			
A1A1(s)	2.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A1	2.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A1(s)	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	
			Total	-	-			
A234	19.00	17.70	Types	3	1	3	0.08	NS
			W.cells	147	4	37		
			Total	150	5			
A34	15.70	15.70	Types	0	1	0	0.00	NS
			W.cells	273	4	68		
			Total	273	5			
A2	1.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A3	4.33	2.66	Types	3	1	3	0.23	NS
			W.cells	50	4	13		
			Total	53	5			
A4	11.33	14.33	Types	13	1	13	0.36	NS
			W.cells	134	4	36		
			Total	147	5			
A1(s) A3	4.33	2.66	Types	3	1	3	0.23	NS
			W.cells	50	4	13		
			Total	53	5			
A14	13.33	15.00	Types	4	1	4	0.08	NS
			W.cells	197	4	49		
			Total	201	5			

(a) Comparison between JMB 'A' Level Papers on British Economic History and JMB 'A' Level Papers on British Economic and Social History.

Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB 'A' Level paper on Brit.Ec. History	JMB 'A' Level Papers on Br.Ec. & Soc History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	59.00	65.00	Types	54	1	54	0.57	NS
			W.cells	374	4	94		
			Total	428	5			
C	5.67	2.67	Types	13	1	13	0.68	NS
			W.cells	74	4	19		
			Total	87	5			
D	3.00	2.67	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
E	3.67	5.34	Types	3	1	3	0.34	NS
			W.cells	34	4	9		
			Total	37	5			
G	0.00	10.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
G(a)	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(b)	0.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	4.00	4.34	Types	0	1	0	0.00	NS
			W.cells	59	4	15		
			Total	59	5			
J	0.00	0.34	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J1	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J2	0.00	0.34	Types	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

(a) Comparison between JMB 'A' Level Papers on British Economic History and JMB 'A' Level Papers on British Economic and Social History.

Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB'A'Level Papers on Br. Ec.History	JMB'A'Level Papers on Br.Ec.& Soc.History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	1.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
L1	1.00	1.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
L2	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
M	0.50	0.10	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
P	0.67	0.34	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
Y	2.34	1.34	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
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			Total	-	-	-	-	-
			Types	-	-	-	-	-
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			Total	-	-	-	-	-
			Types	-	-	-	-	-
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			Total	-	-	-	-	-
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			Total	-	-	-	-	-
			Types	-	-	-	-	-
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			Types	-	-	-	-	-
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			Total	-	-	-	-	-
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			Types	-	-	-	-	-
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			Total	-	-	-	-	-
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			Types	-	-	-	-	-
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			Types	-	-	-	-	-
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			Types	-	-	-	-	-
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			Total	-	-	-	-	-
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			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
			Types	-	-	-	-	-

(b) COMPARISON OF JMB 'A' AND 'O' LEVEL PAPERS ON MODERN BRITISH ECONOMIC AND SOCIAL HISTORY

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Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB 'A' lev. Papers on Mod.Brit.Ec & Soc Hist.	JMB 'O' lev. papers on Mod.Brit.Ec & Soc.Hist.	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	19.60	23.80	Levels	59	1	59	0.72	NS
			W.cells	1067	13	82		
			Total	1126	14			
A1, A1(s)	1.50	0.20	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
A1	1.50	0.20	Level	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
A1(s)	0.00	0.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
A234	18.40	21.60	Levels	35	1	35	0.37	NS
			W.cells	1235	13	95		
			Total	1270	14			
A34	17.30	18.80	Levels	7	1	7	0.10	NS
			W.cells	865	13	865		
			Total	872	14			
A2	1.10	2.60	Levels	8	1	8	2.70	NS
			W.cells	36	13	3		
			Total	43	14			
A3	2.80	2.20	Levels	1	1	1	.04	NS
			W.cells	364	13	28		
			Total	365	14			
A4	14.50	16.60	Levels	15	1	15	0.23	NS
			W.cells	864	13	66		
			Total	879	14			
A1(s) A3	2.80	2.20	Levels	1	1	1	0.14	NS
			W.cells	88	13	7		
			Total	89	14			
A14	16.00	16.80	Levels	2	1	2	0.03	NS
			W.cells	979	13	75		
			Total	981	14			

Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB 'A' lev Papers on Mod.Brit.Ec. & Soc.Hist.	JMB 'O' lev. Papers on Mod.Brit.Ec. & Soc.Hist.	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	62.70	40.80	Levels	1599	1	1599	12.40	.01
			W.cells	1674	13	129		
			Total	2273	14			
C	4.10	4.60	Levels	1	1	1	.08	NS
			W.cells	156	13	12		
			Total	157	14			
D	2.60	2.20	Levels	1	1	1	0.68	NS
			W.cells	19	13	1.48		
			Total	20	14			
E	4.30	6.00	Levels	10	1	10	1.11	NS
			W.cells	112	13	9		
			Total	122	14			
G	0.60	0.20	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(a)	0.00	0.20	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(b)	0.60	0.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	3.90	15.60	Levels	456	1	456	41.50	.001
			W.cells	138	13	11		
			Total	594	14			
J	0.10	1.40	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J1	0.00	1.20	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J2	0.10	0.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			



Cat S.Cat	Means for each cell		Analysis of Variance					
	JMB 'A' lev. Papers on Mod. Brit. Ec. & Soc. Hist.	JMB 'O' lev. Papers on Mod. Brit. Ec. & Soc. Hist.	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	0.80	4.40	Levels	43	1	43	37.70	.001
			W.cells	14.80	13	1.10		
			Total	57.80	14			
L1	0.50	3.60	Levels	32	1	32	40	.001
			W.cells	9.70	13	0.80		
			Total	41.70	14			
L2	0.20	0.40	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
M	0.30	0.40	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-	-		
P	0.40	0.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	1.50	1.00	Levels	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

(c) COMPARISON OF JMB 'O' LEVEL PAPERS ON BRITISH ECONOMIC AND SOCIAL HISTORY -565-  
WITH SECTION B OF CAMBRIDGE 'O' LEVEL PAPERS ON BRIT. ECONOMIC & SOCIAL HISTORY

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'O' lev. papers on Br.Ec. & Soc	Mean for Cam. 'O' lev. papers on Br.Ec. & Soc	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	23.80	32.40	Boards	185	1	185	3.10	NS
			W.cells	470	8	58.80		
			Total	655	9			
A1, A1(s)	0.20	1.20	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
A1	0.20	1.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A1(s)	0.00	0.20	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A234	21.60	30.80	Boards	212	1	212	3.16	NS
			W.cells	536	8	67		
			Total	748	9			
A34	18.80	27.60	Boards	193	1	193	2.34	NS
			W.cells	660	8	82.50		
			Total	853	9			
A2	2.60	3.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A3	2.20	6.00	Boards	36	1	36	1.25	NS
			W.cells	231	8	28.90		
			Total	267	9			
A4	16.60	21.60	Boards	63	1	63	1.54	NS
			W.cells	328	8	41		
			Total	391	9			
A1(s)A3	2.20	6.20	Boards	40	1	40	1.38	NS
			W.cells	232	8	29		
			Total	272	9			
A14	16.80	22.60	Boards	84	1	84	1.94	NS
			W.cells	346	8	43.30		
			Total	430	9			

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for JMB 'O' lev. papers on Br.Ec.&Soc History	Means for Cam. 'O' lev. papers on Br.Ec.& Soc History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	40.80	31.80	Boards	203	1	203	3.01	NS
			W.cells	540	8	67.5		
			Total	743	9			
C	4.60	8.00	Boards	29	1	29	1.41	NS
			W.cells	165	8	20.60		
			Total	294	9			
D	2.20	1.00	Boards	3.6	1	3.60	2.25	NS
			W.cells	12.80	8	1.60		
			Total	16.40	9			
E	6.00	5.80	Boards	0.1	1	0.10	.01	NS
			W.cells	69	8	8.60		
			Total	69.10	9			
G	0.20	1.00	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
G(a)	0.20	0.60	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
G(b)	0.00	0.40	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
H	15.60	18.20	Boards	17	1	17	1.36	NS
			W.cells	100	8	12.50		
			Total	117	9			
J	1.40	0.10	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
J1	1.20	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-
J2	0.10	0.10	Boards	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-	-	-	-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Means for JMB 'O' lev. papers on Br.Ec. & Soc.	Means for Cam. 'O' lev. papers on Br.Ec. & Soc	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	History 4.00	History 0.20	Boards	36.20	1	36.20	21.29	.01
			W.cells	13.20	8	1.70		
			Total	49.40	9			
L1	3.60	0.20	Boards	28.90	1	28.90	36.13	.001
			W.cells	6	8	0.8		
			Total	34.90	9			
L2	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
M	0.40	0.80	Boards	-	-	-		
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
P	0.00	0.00	Boards	-	-	-	-	-
			W.cells	-	-	-	-	
			Total	-	-			
Y	1.00	0.80	Boards	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Sec.A of Cam 'O' lev. papers on Br.Ec.& Soc.History	Mean for Sec.B of Cam. 'O' lev. paper on Br.Ec.& Soc.History	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	27.00	32.40	Periods	73	1	73	0.61	NS
			W.cells	952	8	119		
			Total	1025	9			
A1,A1(s)	1.20	1.20	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A1	1.20	1.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A1(s)	0.00	0.20	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
A234	25.00	30.80	Periods	84	1	84	0.70	NS
			W.cells	961	8	120		
			Total	1045	9			
A34	18.80	27.60	Periods	194	1	194	2.62	NS
			W.cells	590	8	74		
			Total	784	9			
A2	6.20	3.00	Periods	26.	1	26.	0.82	NS
			W.cells	251	8	31.		
			Total	276.	9			
A3	0.00	6.00	Periods	90	1	90	3.75	NS
			W.cells	192	8	24		
			Total	282	9			
A4	18.80	21.60	Periods	20	1	20	0.62	NS
			W.cells	252	8	31.		
			Total	272.	9			
A1(s)A3	0.00	6.20	Periods	96	1	96	3.38	NS
			W.cells	227	8	28.		
			Total	323	9			
A14	20.20	22.40	Periods	12	1	12	0.32	NS
			W.cells	299	8	37		
			Total	311	9			

(d) COMPARISON BETWEEN SECTIONS A AND B OF THE CAMBRIDGE 'O' LEVEL PAPERS ON BRITISH ECONOMIC AND SOCIAL HISTORY

-569-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Sec.A of Cam O'lev. papers on Br Ec & Soc. History	Mean for Sec.B of Cam. 'O' lev. papers on Br Ec. & Soc. Hist	Sec. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	48.40	31.80	Periods	689	1	689	4.36	NS
			W.cells	1260	8	158		
			Total	1949	9			
C	3.60	8.00	Periods	48	1	48	1.50	NS
			W.cells	253	8	32		
			Total	301	9			
D	4.40	1.00	Periods	29	1	29	4.92	NS
			W.cells	47	8	5.9		
			Total	76	9			
E	1.40	5.80	Periods	48	1	48	10.00	.05
			W.cells	38	8	4.8		
			Total	86	9			
G	2.00	1.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(a)	0.00	0.60	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
G(b)	2.00	0.40	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
H	8.20	18.00	Periods	240	1	240	11.43	.01
			W.cells	167	8	21		
			Total	407	9			
J	0.20	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J1	0.00	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
J2	0.20	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Sec.A of Cam.'O' lev papers on Br.Ec.&Soc Hist.	Mean for Sec.B of Cam.'O' lev papers on Br.Ec.& Soc Hist.	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	0.80	0.20	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
L1	0.20	0.20	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
L2	0.60	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
M	1.60	0.80	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
N	0.00	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
P	0.00	0.00	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
Y	2.40	0.80	Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			
			Periods	-	-	-	-	-
			W.cells	-	-	-		
			Total	-	-			

## (e) Comparison of JMB and Cambridge 'O' Level Papers on Modern Economic and Social and Modern British History

Cat. S.Cat.	Mean for each cell	Analysis of Variance					
A	<div>JMB    CAMB</div> <div>ES<div>23.80   32.40</div></div> <div>BR<div>67.90   54.20</div></div>	Sce of Var.	Sum of Sq	D.F.	Mean Sq.	F	Sig.
		Bds.	294	1	294	3.97	NS
		Types	7238	1	7238	97.81	.001
		B x T	829	1	829	11.20	.01
		W.cells	1936	26	74		
		Total	10297	29			
A1, A1(s)	<div>JMB    CAMB</div> <div>ES<div>0.20   1.20</div></div> <div>BR<div>19.10   12.60</div></div>	Bds.	120	1	120	3.75	NS
		Types	1530	1	1530	47.81	.001
		B x T	94	1	94	2.94	NS
		W.cells	819	26	32		
		Total	2563	29			
		A1	<div>JMB    CAMB</div> <div>ES<div>0.20   1.00</div></div> <div>BR<div>12.60   6.80</div></div>	Bds	90	1	90
Types	545			1	545	22.71	.001
B x T	80			1	80	3.33	NS
W.cells	626			26	24		
Total	1341			29			
A1(s)	<div>JMB    CAMB</div> <div>ES<div>0.00   0.10</div></div> <div>BR<div>6.50   5.90</div></div>			Bds	1	1	1
		Types	248	1	248	9.92	.01
		B x T	1	1	1	.04	NS
		W.cells	648	26	25		
		Total	898	29			
		A234	<div>JMB    CAMB</div> <div>ES<div>21.60   30.80</div></div> <div>BR<div>40.90   29.60</div></div>	Bds	38	1	38
Types	1325			1	1325	21.37	.001
B x T	180			1	180	2.90	NS
W.cells	1602			26	62		
Total	3145			29			
A34	<div>JMB    CAMB</div> <div>ES<div>18.80   27.60</div></div> <div>BR<div>28.20   29.60</div></div>			Bds	104	1	104
		Types	252	1	252	3.23	NS
		B x T	61	1	61	0.78	NS
		W.cells	2039	26	78		
		Total	2456	29			
		A2	<div>JMB    CAMB</div> <div>ES<div>2.60   3.00</div></div> <div>BR<div>12.80   10.30</div></div>	Bds	18	1	18
Types	511			1	511	31.94	.001
B x T	14			1	14	0.88	NS
W.cells	419			26	16		
Total	962			29			



Cat. S.Cat.	Mean for each cell	Analysis of Variance							
A3	<div>JMB   CAMB</div> <div>ES<div>2.20   6.00</div></div> <div>BR<div>17.90   15.60</div></div>	Sce of Var.	Sum of Sq	D.F.	Mean Sq.	F	Sig.		
		Bds.	1	1	1	0.03	NS		
		Types	1067	1	1067	33.34	.001		
		B x T	62	1	62	1.94	NS		
		W.cells	826	26	32				
		Total	1956	29					
		A4	<div>JMB   CAMB</div> <div>ES<div>16.60   21.60</div></div> <div>BR<div>10.30   13.80</div></div>	Bds.	120	1	120	3.15	NS
Types	331			1	331	8.71	.01		
B x T	4			1	4	0.11	NS		
W.cells	986			26	38				
Total	1441			29					
A1(s)A3	<div>JMB   CAMB</div> <div>ES<div>2.20   6.20</div></div> <div>BR<div>24.10   21.50</div></div>			Bds	1	1	1	0.03	NS
				Types	2306	1	2306	74.32	.001
		B x T	73	1	73	2.35	NS		
		W.cells	795	26	31				
		Total	3175	29					
		A14	<div>JMB   CAMB</div> <div>ES<div>16.80   22.60</div></div> <div>BR<div>22.80   20.00</div></div>	Bds	1	1	1	0.01	NS
				Types	19	1	19	0.25	NS
B x T	123			1	123	1.60	NS		
W.cells	2000			26	77				
Total	2144			29					
B	<div>JMB   CAMB</div> <div>ES<div>40.80   31.80</div></div> <div>BR<div>2.90   15.90</div></div>			Bds	241	1	241	5.60	.05
				Types	4897	1	4897	113.88	.001
		B x T	734	1	734	17.07	.001		
		W.cells	1105	26	43				
		Total	6977	29					
		C	<div>JMB   CAMB</div> <div>ES<div>4.60   8.00</div></div> <div>BR<div>0.50   4.10</div></div>	Bds	49	1	49	5.44	.05
				Types	62	1	62	6.89	.05
B x T	45			1	45	5.00	.05		
W.cells	243			26	9				
Total	399			29					
D	<div>JMB   CAMB</div> <div>ES<div>2.20   1.00</div></div> <div>BR<div>0.10   0.30</div></div>			Bds	-	-	-	-	-
				Types	-	-	-	-	-
		B x T	-	-	-	-	-		
		W.cells	-	-	-				
		Total	-	-					

Cat. S.Cat.	Mean for each cell	Analysis of Variance														
E	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>6.00</td><td>5.80</td></tr><tr><td>BR</td><td>8.60</td><td>6.30</td></tr></table>		JMB	CAMB	ES	6.00	5.80	BR	8.60	6.30	Sce of Var.	Sum of Sq	D.F.	Mean Sq.	F	Sig.
			JMB	CAMB												
		ES	6.00	5.80												
		BR	8.60	6.30												
		Bds.	19	1	19	0.86	NS									
		Types	16	1	16	0.73	NS									
		B x T	7	1	7	0.32	NS									
W.cells	569	26	22													
Total	611	29														
G	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>0.20</td><td>1.00</td></tr><tr><td>BR</td><td>0.60</td><td>3.10</td></tr></table>		JMB	CAMB	ES	0.20	1.00	BR	0.60	3.10	Bds.	18	1	18	3.33	NS
			JMB	CAMB												
		ES	0.20	1.00												
		BR	0.60	3.10												
		Types	16	1	16	2.96	NS									
		B x T	4	1	4	0.74	NS									
W.cells	139	26	5.4													
Total	177	29														
G(a)	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>0.20</td><td>0.60</td></tr><tr><td>BR</td><td>0.20</td><td>1.20</td></tr></table>		JMB	CAMB	ES	0.20	0.60	BR	0.20	1.20	Bds	-	-	-	-	-
			JMB	CAMB												
		ES	0.20	0.60												
		BR	0.20	1.20												
		Types	-	-	-	-	-									
B x T	-	-	-	-	-											
W.cells	-	-	-													
Total	-	-														
G(b)	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>0.00</td><td>0.40</td></tr><tr><td>BR</td><td>0.40</td><td>1.10</td></tr></table>		JMB	CAMB	ES	0.00	0.40	BR	0.40	1.10	Bds	-	-	-	-	-
			JMB	CAMB												
		ES	0.00	0.40												
		BR	0.40	1.10												
		Types	-	-	-	-	-									
B x T	-	-	-	-	-											
W.cells	-	-	-													
Total	-	-														
H	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>15.60</td><td>18.20</td></tr><tr><td>BR</td><td>1.30</td><td>2.40</td></tr></table>		JMB	CAMB	ES	15.60	18.20	BR	1.30	2.40	Bds	19	1	19	3.17	NS
			JMB	CAMB												
		ES	15.60	18.20												
		BR	1.30	2.40												
		Types	1510	1	1510	251.67	.001									
B x T	67	1	67	11.17	.01											
W.cells	149	26	6													
Total	1745															
J	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>1.40</td><td>0.00</td></tr><tr><td>BR</td><td>11.90</td><td>13.00</td></tr></table>		JMB	CAMB	ES	1.40	0.00	BR	11.90	13.00	Bds	1	1	1	0.04	NS
			JMB	CAMB												
		ES	1.40	0.00												
		BR	11.90	13.00												
		Types	920	1	920	38.33	.001									
B x T	10	1	10	0.42	NS											
W.cells	622	26	24													
Total	1553	29														
J1	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>1.40</td><td>0.00</td></tr><tr><td>BR</td><td>11.30</td><td>11.20</td></tr></table>		JMB	CAMB	ES	1.40	0.00	BR	11.30	11.20	Bds	2	1	2	0.05	NS
			JMB	CAMB												
		ES	1.40	0.00												
		BR	11.30	11.20												
		Types	742	1	742	20.05	.001									
B x T	3	1	3	0.08	NS											
W.cells	951	26	37													
Total	1698	29														

Cat. S.Cat.	Mean for each cell	Analysis of Variance					
		Sce of Var.	Sum of Sq	D.F.	Mean Sq.	F	Sig.
J2	JMB   CAMB ES 0.00 0.00 BR 0.40 0.20	Bds.	-	-	-	-	-
		Types	-	-	-	-	-
		B x T	-	-	-	-	-
		W.cells	-	-	-	-	-
		Total	-	-	-	-	-
		Bds.	41	1	41	8.91	.01
L	JMB   CAMB ES 4.00 0.20 BR 3.00 0.90	Types	0	1	0	0.00	NS
		B x T	11	1	11	2.39	NS
		W.cells	120	26	4.60	-	-
		Total	172	29	-	-	-
		Bds	67	1	67	16.34	.001
		Types	2	1	2	0.49	NS
L1	JMB   CAMB ES 3.60 0.20 BR 2.80 0.00	B x T	1	1	1	0.24	NS
		W.cells	106	26	4.10	-	-
		Total	176	29	-	-	-
		Bds	-	-	-	-	-
		Types	-	-	-	-	-
		B x T	-	-	-	-	-
L2	JMB   CAMB ES 0.00 0.00 BR 0.00 0.00	W.cells	-	-	-	-	-
		Total	-	-	-	-	-
		Bds	-	-	-	-	-
		Types	-	-	-	-	-
		B x T	-	-	-	-	-
		W.cells	-	-	-	-	-
M	JMB   CAMB ES 0.80 0.40 BR 0.00 0.40	Total	-	-	-	-	-
		Bds	-	-	-	-	-
		Types	-	-	-	-	-
		B x T	-	-	-	-	-
		W.cells	-	-	-	-	-
		Total	-	-	-	-	-
N	JMB   CAMB ES 0.00 0.00 BR 0.00 0.00	Bds	-	-	-	-	-
		Types	-	-	-	-	-
		B x T	-	-	-	-	-
		W.cells	-	-	-	-	-
		Total	-	-	-	-	-
		Bds	-	-	-	-	-
P	JMB   CAMB ES 0.00 0.00 BR 0.00 0.00	Types	-	-	-	-	-
		B x T	-	-	-	-	-
		W.cells	-	-	-	-	-
		Total	-	-	-	-	-
		Bds	-	-	-	-	-
		Types	-	-	-	-	-

(\*) Comparison of JMB and Cambridge 'O' Level Papers on Modern Economic and Social and Modern British History

Cat. S.Cat.	Mean for each cell	Analysis of Variance														
Y	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td>1.00</td><td>0.80</td></tr><tr><td>BR</td><td>3.00</td><td>1.10</td></tr></table>		JMB	CAMB	ES	1.00	0.80	BR	3.00	1.10	Sce of Var.	Sum of Sq	D.F.	Mean Sq.	F	Sig.
			JMB	CAMB												
		ES	1.00	0.80												
		BR	3.00	1.10												
		Bds.	13	1	13	2.65	NS									
		Types	9	1	9	1.84	NS									
		B x T	5	1	5	1.02	NS									
W.cells	128	26	4.90													
Total	155	29														
	<table><tr><td></td><td>JMB</td><td>CAMB</td></tr><tr><td>ES</td><td></td><td></td></tr><tr><td>BR</td><td></td><td></td></tr></table>		JMB	CAMB	ES			BR			Bds.					
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		Types														
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			JMB	CAMB												
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			JMB	CAMB												
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			JMB	CAMB												
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			JMB	CAMB												
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		BR														
		Types														
		B x T														
		W.cells														
Total																
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			JMB	CAMB												
		ES														
		BR														
		Types														
		B x T														
		W.cells														
Total																

(F) COMPARISON OF JMB 'A' LEVEL PAPERS ON MODERN BRITISH ECONOMIC & SOCIAL HISTORY AND MODERN BRITISH HISTORY

-576-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'A' lev. paper on Mod. Brit. Ec & Soc. Hist.	Mean for JMB 'A' lev Papers on Mod. Br. Hist.	Sc. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	19.60	67.10	Types	11368	1	11368	145.70	.001
			W.cells	1411	18	78		
			Total	12779	19			
A1, A1(s)	1.50	21.00	Types	1897	1	1897	126.40	.001
			W.cells	267	18	15		
			Total	2164	19			
A1	1.50	12.10	Types	588	1	588	17.30	.001
			W.cells	613	18	34		
			Total	1201	19			
A1(s)	0.0	8.60	Types	382	1	382	9.10	.01
			W.cells	751	18	42		
			Total	1133	19			
A234	18.40	46.30	Types	5222	1	5222	137.40	.001
			W.cells	678	18			
			Total	5900	19			
A34	17.3	38.50	Types	3197	1	3197	55.12	.001
			W.cells	1049	18	58		
			Total	4246	19			
A2	1.10	7.60	Types	218	1	218	43.60	.001
			W.cells	92	18	5		
			Total	310	19			
A3	2.80	14.00	Types	657	1	657	12.85	.01
			W.cells	912	18	51		
			Total	1569	19			
A4	14.50	24.50	Types	519	1	519	6.49	.05
			W.cells	1448	18	80		
			Total	1967	19			
A1(s)A3	2.80	22.60	Types	1960	1	1960	108.90	.001
			W.cells	1422	18	79		
			Total	3382	19			
A14	16.00	36.60	Types	2695	1	2695	32.08	.001
			W.cells	1513	18	84		
			Total	4208	19			

COMPARISON OF JMB 'A' LEVEL PAPERS ON MODERN BRITISH ECONOMIC & SOCIAL HISTORY  
AND MODERN BRITISH HISTORY

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Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'A' lev. paper on Mod. Brit. Ec. & Soc. Hist.	Mean for JMB 'A' lev. papers on Mod. Br. Hist.	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	62.70	8.50	Types	15414	1	15414	197.60	.001
			W.cells	1399	18	78		
			Total	16813	19			
C	4.10	4.60	Types	2	1	2	0.11	NS
			W.cells	347	18	19		
			Total	349	19			
D	2.60	1.90	Types	3	1	3	1.70	NS
			W.cells	30	18	1.7		
			Total	33	19			
E	4.30	5.30	Types	6	1	6	0.35	NS
			W.cells	199	18	11		
			Total	205	19			
G	0.60	3.30	Types	37	1	37	4.42	.05
			W.cells	151	18	8.38		
			Total	188	19			
G(a)	0.00	0.80	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
G(b)	0.60	1.80	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
H	3.90	3.20	Types	3	1	3	0.34	NS
			W.cells	173	18	10		
			Total	176	19			
J	0.10	4.00	Types	80	1	80	13.33	.01
			W.cells	111	18	6		
			Total	191	19			
J1	0.0	3.80	Types	76	1	76	5.85	.05
			W.cells	228	18	13		
			Total	304	19			
J2	0.10	0.10	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			

COMPARISON OF JMB 'A' LEVEL PAPERS ON MODERN BRITISH ECONOMIC & SOCIAL HISTORY AND MODERN BRITISH HISTORY

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for JMB 'A' lev. paper on Mod.Brit Ec.& Soc.Hist	Mean for JMB 'A' lev. Papers on Mod.Br.Hist	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	0.80	0.60	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
L1	0.50	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
L2	0.00	0.40	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
M	0.30	0.60	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
P	0.40	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
Y	1.50	1.70	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					
			W.cells					
			Total					

(g) COMPARISON OF CAMBRIDGE 'O' LEVEL PAPERS (SECTION A) ON BRITISH SOCIAL & ECONOMIC HISTORY (1066-1763) & CAMBRIDGE 'O' LEVEL PAPERS ON BRIT. HISTORY COVERING THE PERIOD (400-1815)

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam. 'O' lev Papers on Br. Soc & Ec Hist. 1066- 1763.	Mean for Cam. 'O' lev Papers on Br. Hist. 400- 1815	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
A	27.00	53.26	Types	2587	1	2587	26.67	.001
			W. cells	1747	18	97		
			Total	4334	19			
A1, A1(s)	1.20	11.93	Types	432	1	432	10.04	.01
			W. cells	774	18	43		
			Total	1206	19			
A1	1.20	5.53	Types	70	1	70	4.38	NS
			W. cells	293	18	16		
			Total	363	19			
A1(s)	0.00	6.53	Types	160	1	160	5.93	.05
			W. cells	484	18	27		
			Total	644	19			
A234	25.00	37.13	Types	552	1	552	8.24	.01
			W. cells	1004	18	67		
			Total	1556	19			
A34	18.80	29.46	Types	427	1	427	13.34	.01
			W. cells	585	18	32		
			Total	1012	19			
A2	6.20	7.53	Types	7	1	7	0.37	NS
			W. cells	335	18	19		
			Total	342	19			
A3	0.00	20.40	Types	1561	1	1561	173.44	.001
			W. cells	162	18	9		
			Total	1723	19			
A4	18.80	9.13	Types	350	1	350	32.61	.001
			W. cells	587	18			
			Total	937	19			
A1(s)A3	0.60	26.93	Types	2561	1	2561	31.78	.001
			W. cells	572	18			
			Total	3133	19			
A14	20.20	14.60	Types	118	1	118	56.22	.001
			W. cells	1012	18			
			Total	1130	19			



(g) COMPARISON OF CAMBRIDGE 'O' LEVEL PAPERS (SECTION A) ON BRIT. SOC & ECONOMIC HISTORY (1066-1763)  
 & CAMBRIDGE 'O' LEVEL PAPERS ON BRIT. HISTORY COVERING THE PERIOD (400-1815)

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'O'lev Papers on Br Soc.& Ec.	Mean for Cam.'O'lev Paper on Br.Hist(400- 1815)	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
B	48.40	9.73	Types	5607	1	5607	124.56	.001
			W.cells	2242	18			
			Total	7849	19			
C	3.60	1.93	Types	10	1	10	0.91	NS
			W.cells	200	18	11		
			Total	210	19			
D	4.40	0.26	Types	64	1	64	21.37	.001
			W.cells	46	18	3		
			Total	110	19			
E	1.40	9.00	Types	217	1	217	6.78	.05
			W.cells	573	18	32		
			Total	790	19			
G	2.00	9.80	Types	163	1	163	4.29	NS
			W.cells	684	18	38		
			Total	847				
G(a)	0.00	7.90	Types	104	1	104	6.11	.05
			W.cells	305	18	17		
			Total	409				
G(b)	2.00	1.93	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
H	8.20	4.00	Types	66	1	66	4.71	.05
			W.cells	247	18	14		
			Total	313	19			
J	0.20	12.90	Types	640	1	640	23.70	.001
			W.cells	494	18	17		
			Total	1134	19			
J1	0.00	12.46	Types	583	1	583	15.78	.001
			W.cells	660	18	37		
			Total	1243	19			
J2	0.20	0.20	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			

(g) COMPARISON OF CAMBRIDGE 'O' LEVEL PAPERS (SECTION A) ON BRIT. SOC. & ECONOMIC HISTORY  
(1066-1763) & CAMBRIDGE 'O' LEVEL PAPERS ON BRIT. HISTORY COVERING THE PERIOD (400-1815)

-581-

Cat S.Cat	Means for each cell		Analysis of Variance					
	Mean for Cam.'O'lev Papers on Br.Soc.&Ec Hist(1066- 1763)	Mean for Cam.'O'lev Papers on Br.Hist.(400- 1815)	Sce. of Var.	Sum of Sq.	D.F.	Mean Sq.	F	Sig.
L	0.80	1.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
L1	0.20	0.10	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
L2	0.60	0.73	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
M	1.60	0.10	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
N	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
P	0.00	0.00	Types	-	-	-	-	-
			W.cells	-	-	-	-	-
			Total	-	-			
Y	2.40	3.60	Types	5	1	5	0.25	NS
			W.cells	363	18	20		
			Total	368	19			
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					
			Types					
			W.cells					
			Total					

BIBLIOGRAPHY

(a) PRIMARY SOURCES

1. Marking Guides for the following JMB 'A' Level Papers

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Syllabus A Paper 1 C	European History (1494-1939) for the years 1968 - 74
Syllabus A Paper 11D	British History (1066-1307) for the years 1972 -74
Syllabus A Paper 11E	British History (1307-1485) for the years 1972 - 74
Syllabus A Paper 11F	British History (1485-1603) for the years 1969, 1971 and 1972
Syllabus A Paper 11G	British History (1603-1714) for the year 1971
Syllabus A Paper 11H	British History (1714-1815) for the years 1969, 1971 and 1972
Syllabus A Paper 11J	British History (1815-1914) for the years 1968 - 71
Syllabus A Paper 11K	British History (1865-1939) for the years 1968 - 71
Syllabus A Paper 11L	British Economic History (1700-1914) for the years 1968, 1969 and 1971
Syllabus B Paper 1	British Economic and Social History (1700-1850) for the years 1968, 1969, 1971 and 1972
Syllabus B Paper 2	British Economic and Social History (1850-1939) for the years 1968, 1969, 1971 and 1972
Syllabus C Alternative A (P) Paper 1	European History (1193-1214) for the years 1971 - 72
Syllabus C Alternative A (P) Paper 2	The Reign of Henry III for the years 1971 - 72
Syllabus C Alternative B (Q) Paper 1	European History (1450-1610) for the years 1970 - 72
Syllabus C Alternative B(Q) Paper 11	The Reign of Elizabeth I for the years 1968& 1970
Syllabus C /	

Syllabus C Alternative  
C(R) Paper 1 European History (1610-1789) for the years  
1968, 1971 and 1972

Syllabus C Alternative  
C(R) Paper 11 British History (1660-1714) for the years  
1970 - 71

Syllabus C Alternative  
D(S) Paper 1 European History (1789-1870) for the years  
1970 - 72

Syllabus C Alternative  
D(S) Paper 11 British History (1815-70) for the years  
1968 - 71

Syllabus C Alternative  
E(T) Paper 1 European History (1870 to present day) for  
the years 1969 - 72

Syllabus C Alternative  
E(T) Paper 11 British History (1870 to present day) for  
the years 1969 - 70

## 2. Marking Guides for the following Cambridge 'A' Level Papers

Paper 2 English History (1485-1939) for the years  
1968 - 72

Paper 5 European History (1494-1939) for the years  
1968 - 72

Paper 20 Russia in the Era of Revolution for the year 1972

## 3. Marking Guides for the following JMB 'O' Level Papers

Alternative A Aspects of British and Foreign History from  
about 1500 to the present day for the years  
1968 - 72

Alternative B The British Empire and Commonwealth from about  
1750 to the present day for the years 1968 - 72

Alternative C British Economic and Social History from the  
early 18th century to the present day for the  
years 1968 - 72

Alternative D The Renaissance and Reformation (1450-1600) for  
the years 1968 - 72

Alternative E British Limited Monarchy and European Autocracy  
(1660-1789) for the years 1968 - 72

Alternative F Revolution, Reaction and Reform (1789-1870) for  
the years 1968 - 72

Alternative G Europe and the Modern World (1870 to the present  
day) for the years 1968 - 72

Alternative H Aspects of British and Foreign History from about  
(J in 1968) 1066 to the present day for the years 1968-72

4. Marking Guides for the following Cambridge 'O' Level Papers

British and European History to 1688 for the years 1968 - 72

British and European History (1485-1815) for the years 1968-72

British and European History (1688-1939) for the years 1968-72

History of the British Empire and Commonwealth (1558-1939) for the years 1968 - 72

English Economic and Social History for the years 1968 - 72

History of Europe (1902-1964) incl. Britain for the years 1971 - 72

World Affairs since 1919 for the years 1970 - 72

(b) SECONDARY SOURCES

In this section of the bibliography my aim is to select all those books and articles which in my view may be of use to those who wish to pursue the subject of this thesis. No attempt is being made to include all the sources which I have consulted during the course of the study.

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- |                                 |  |
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| P. GARDINER /                   |  |

- |                |  |
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- |                                |   |
|--------------------------------|---|
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