# Maths 9-1 Grade Boundaries

#### Maths Edexcel Grade Boundaries

#### Summer 2017

Lovel	Max mark	10 P 1000	Sept. Sept.	1000 June 1	STORE THE	1000			NUTE BOX	100
Foundation	240	26	58	50	133	158				1
		11%	24%	1974	51%	66%		1,776.55	1000	
Mighar	240		100	27	41	68	96	124	157	190
			12.4	11%	17%	28%	40%	52%	.65%	79%

#### November 2017

Level	Max mark	100	0.5	SHIP SHIP	100	-0.000			108, 860	100,000
Foundation	240	28	58	8.0	- 113	145		-		3
		10%	22%	35%	47%	60%		1772	15.0	- 6
Higher	240			10	12	5.8	85	112	150	380
			15.4	8%	13%	24%	35%	47%	63%	79%

#### Summer 2018

Level	Max mark		100 000	100.00			100	100	1002,000	DOM: DO
Foundation	240	31	14	101	136	169		- (0)		100
		1.1%	28%	42%	5.7%	20%	1545		17 to 1	
Higher	240			35	50	29	109	139	170	202
		100		15%	21%	33%	45%	58%	71%	84%

#### November 2018

Spiral Control	Marmon			100,000		100			100,000	1000,000
Foundation	240	26	64	10.56	133	167	11/4	100	100	-
		13%	25%	40%	30%	70%		17.4	-50	-
Higher	240	-0.0		21	37	- 66	95	135	159	0.2943
		-	1.5	0%	15%	28%	40%	52%	66%	1200



Edexcel

# **Igcse Edexcel Grade Boundaries Jan 2015 Maths**

**Camilla Rothe** 

Igcse Edexcel Grade Boundaries Jan 2015 Maths:

Thank you very much for reading **Igcse Edexcel Grade Boundaries Jan 2015 Maths**. Maybe you have knowledge that, people have search hundreds times for their favorite readings like this Igcse Edexcel Grade Boundaries Jan 2015 Maths, but end up in malicious downloads.

Rather than enjoying a good book with a cup of tea in the afternoon, instead they juggled with some infectious virus inside their desktop computer.

Igcse Edexcel Grade Boundaries Jan 2015 Maths is available in our digital library an online access to it is set as public so you can download it instantly.

Our books collection hosts in multiple countries, allowing you to get the most less latency time to download any of our books like this one.

Merely said, the Igcse Edexcel Grade Boundaries Jan 2015 Maths is universally compatible with any devices to read

 $\frac{https://staging.conocer.cide.edu/public/uploaded-files/index.jsp/Instructors\%20Resource\%20Manual\%20For\%20Paynters\%20P$ 

#### Table of Contents Igcse Edexcel Grade Boundaries Jan 2015 Maths

- 1. Understanding the eBook Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - $\circ\,$  The Rise of Digital Reading Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - User-Friendly Interface

- 4. Exploring eBook Recommendations from Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Personalized Recommendations
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths User Reviews and Ratings
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths and Bestseller Lists
- 5. Accessing Igcse Edexcel Grade Boundaries Jan 2015 Maths Free and Paid eBooks
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths Public Domain eBooks
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths eBook Subscription Services
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths Budget-Friendly Options
- 6. Navigating Igcse Edexcel Grade Boundaries Jan 2015 Maths eBook Formats
  - o ePub, PDF, MOBI, and More
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths Compatibility with Devices
  - Igcse Edexcel Grade Boundaries Jan 2015 Maths Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - o Adjustable Fonts and Text Sizes of Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Highlighting and Note-Taking Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Interactive Elements Igcse Edexcel Grade Boundaries Jan 2015 Maths
- 8. Staying Engaged with Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - o Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Igcse Edexcel Grade Boundaries Jan 2015 Maths
- 9. Balancing eBooks and Physical Books Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Igcse Edexcel Grade Boundaries Jan 2015 Maths
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Setting Reading Goals Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Carving Out Dedicated Reading Time

- 12. Sourcing Reliable Information of Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Fact-Checking eBook Content of Igcse Edexcel Grade Boundaries Jan 2015 Maths
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

#### **Igcse Edexcel Grade Boundaries Jan 2015 Maths Introduction**

Igcse Edexcel Grade Boundaries Jan 2015 Maths Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Igcse Edexcel Grade Boundaries Jan 2015 Maths Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Igose Edexcel Grade Boundaries Jan 2015 Maths: This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Igcse Edexcel Grade Boundaries Jan 2015 Maths: Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Igcse Edexcel Grade Boundaries Jan 2015 Maths Offers a diverse range of free eBooks across various genres. Igcse Edexcel Grade Boundaries Jan 2015 Maths Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Igose Edexcel Grade Boundaries Jan 2015 Maths Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Igcse Edexcel Grade Boundaries Jan 2015 Maths, especially related to Igcse Edexcel Grade Boundaries Jan 2015 Maths, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Igcse Edexcel Grade Boundaries Jan 2015 Maths, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Igcse Edexcel Grade Boundaries Jan 2015 Maths books or magazines might include. Look for these in online stores or libraries. Remember that while Igcse Edexcel Grade Boundaries Jan 2015 Maths, sharing copyrighted material without permission is not legal. Always ensure your either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending

services. Many libraries have digital catalogs where you can borrow Igcse Edexcel Grade Boundaries Jan 2015 Maths eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Igcse Edexcel Grade Boundaries Jan 2015 Maths full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Igcse Edexcel Grade Boundaries Jan 2015 Maths eBooks, including some popular titles.

#### FAQs About Igcse Edexcel Grade Boundaries Jan 2015 Maths Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Igcse Edexcel Grade Boundaries Jan 2015 Maths is one of the best book in our library for free trial. We provide copy of Igcse Edexcel Grade Boundaries Jan 2015 Maths in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Igcse Edexcel Grade Boundaries Jan 2015 Maths. Where to download Igcse Edexcel Grade Boundaries Jan 2015 Maths online for free? Are you looking for Igcse Edexcel Grade Boundaries Jan 2015 Maths about.

# Find Igcse Edexcel Grade Boundaries Jan 2015 Maths:

 $\frac{instructors\ resource\ manual\ for\ paynters\ 2rd\ edition\ intr}{insurance\ insights}$ 

interactive computing series microsoft access 2000 intro cd- rom

interactive e-source

integrating music into elem class w/cd

instyle secrets of style the complete guide to drebing your best every day intensive care medicine rippe intensive care med 3e vol 2 s

interactive companion 3.0

integrated macromicromodelling under rational expectations

interactive mathematics 3

integrals and series more special functions

interest rate risk models theory and practice

integrated pharmacology

intel 386 sl microprocessor superset programmers reference manual 240815

instrument flying

#### **Igcse Edexcel Grade Boundaries Jan 2015 Maths:**

outsiders movie student guide questions lois lowry - Mar 23 2022

web outsiders a study guide for s e hinton s the outsiders gale cengage learning 2015 09 24 a study guide for s e hinton s the outsiders excerpted from gale s acclaimed novels for students this concise study guide includes plot summary character analysis author biography study questions

#### ebook outsiders movie student guide questions - Apr 23 2022

web outsiders movie student guide questions movie magic in the classroom jan 23 2022 movies belong in the curriculum and not just the day before a holiday this book by award winning educator amber chandler shows why films are so important for teaching social emotional learning and critical thinking she

#### the outsiders movie guide guestions worksheet pg13 1983 - May 25 2022

web that outsiders movie guide questions worksheet pg13 1983 analyzes the issues of stereotypes furthermore how to get forward with your family and church

#### the outsiders film quizzes gradesaver - Nov 30 2022

web study guide for the outsiders film the outsiders film study guide contains a biography of francis ford coppola literature essays quiz questions major themes characters and a full summary and analysis about the outsiders film the outsiders film summary character list cast list director s influence

outsiders movie study guide google docs google sheets - Aug 08 2023

web the outsiders movie study guide student s name choose one character on which to focus throughout the movie at the end of the movie answer the following questions character s name does

#### the outsiders movie guide comparison analysis activity - Jul 07 2023

web challenge your students to analyze the film the outsiders movie directed by francis ford coppola 1983 and compare contrast important elements to the classic coming of age novel the outsiders by s e hinton this lesson includes a packet for students to complete during or after viewing the film the outsiders

# the outsiders movie guide questions worksheet pg13 1983 - Aug 28 2022

web the spectators movie guide questions worksheet pg13 1983 challenges students to analyze this classic movie that delves for the issues of stereotypes and how international resources

### the outsiders lesson plans entire novel study - Jul 27 2022

web answer keys included for all the outsiders s e hinton before reading making predictions word splash if you are doing a novel study for the outsiders by s e hinton these before reading activities can aid your students with engagement and reading comprehension

the outsiders movie guide questions worksheet pg13 1983 - Sep 09 2023

web may 24 2021 the outsiders movie guide questions worksheet pg13 1983 challenges students to analyze this classic movie that delves into the issues of stereotypes and how to get along with your family and community explore the underlying reason why the greasers and the socs are constantly at odds and why ponyboy s hair is more than

outsiders movie student guide questions api digital capito - Feb 19 2022

web outsiders movie student guide questions 3 3 using the outsiders movie guide questions worksheet pg13 1983 with students in your classroom print one double sided movie guide for each student preview each question on the movie guide as you come to it before resuming the movie pause at the times designated on the movie

the outsiders teach with movies - Oct 10 2023

web sep 21 2014 twm offers the following worksheets to keep students minds on the movie and direct them to the lessons that can be learned from the film film study worksheet for ela classes and worksheet for cinematic and theatrical elements and their effects

the outsiders film study guide gradesaver - Jun 06 2023

web the outsiders film study guide contains a biography of francis ford coppola literature essays quiz questions major themes characters and a full summary and analysis best summary pdf themes and quotes

the outsiders movie worksheet teaching resources tpt - May 05 2023

web star movie guides the outsiders movie questions released 1983 help keep students engaged throughout the film by

providing 32 questions for them to answer to keep them on track the outsiders worksheet comes with a key that has suggested answers provided at

the outsiders movie guide questions worksheet pg13 1983 - Jan 01 2023

web the outsiders movie guide questions worksheet pg13 1983 challenges students to analyze this classic movie that delves into the issues of stereotypes and how to get along with your family and community explore the underlying reason why the greasers and the socs are constantly at odds and why ponyboy s hair is more than just hair

#### the outsiders movie guide activities answer keys included - Feb 02 2023

web this 14 page movie guide with handouts is for the film the outsiders 1983 this guide will also work well as a sub plan for your substitute teacher check out the full preview part 1 comprehension questions in chronological order

### the outsiders movie guide questions comparison analysis - Oct 30 2022

web 4k followers follow what educators are saying my students really enjoyed this resource i really appreciated how clear the instructions were and how little prep work i need to do carrie h loved this as a supplementary tool as we watch the film my students enjoyed casting their own choices tarrah c see all reviews also included in

the outsiders movie guide questions worksheet google - Apr 04 2023

web the outsiders movie guide questions worksheet pg13 1983 challenges students to analyze this classic movie that delves into the issues of stereotypes and how to get along with your family and community explore the underlying reason why the greasers and the socs are constantly at odds and why ponyboy s hair is more than just hair

discussion questions for the outsiders movie lesson plans - Jun 25 2022

web the novel the outsiders by s hinton is widely read in secondary schools across the nation it is appropriate for readers over the age of 10 discussion some of the themes in the book are mature the novel is regarded as an american classic this learning guide applies to both the movie and the book

outsiders movie quide teaching resources teachers pay - Mar 03 2023

web the outsiders movie questions released 1983 help keep students engaged throughout the film by providing 32 questions for them to answer to keep them on track the outsiders worksheet comes with a key that has suggested answers provided at the end the outsiders movie guide follows a teen gang in rural oklahoma the greasers

the outsiders movie guide questions worksheet pg13 - Sep 28 2022

web dec 6 2019 the outsiders movie guide questions worksheet pg13 1983 challenges students to analyze this classic movie that delves into the issues of stereotypes and how to get along with your family and community explore the underlying reason why the greasers and the socs are constantly at odds and why

mapuche new world encyclopedia - Feb 10 2023

web the mapuche note that mapuche can refer to the whole group of picunches huilliches and mapuches from araucanía or exclusively to mapuches from araucanía inhabited the valleys between the itata and toltén rivers as well as mapuches wikipédia - Jun 14 2023

web selon le recensement officiel de 2002 les mapuches représentent 4 de la population chilienne 87 3 du total des autochtones vivant au chili soit un peu plus de 600 000 personnes mais d'autres statistiques donnent un nombre plus élevé mapuche history people culture facts britannica - Jul 15 2023

web mapuche the most numerous group of indians in south america they numbered more than 1 400 000 at the turn of the 21st century most inhabit the central valley of chile south of the biobío river a smaller group lives in neuquén provincia west central argentina

origin of the mapuche wikipedia - Apr 12 2023

web the origin of the mapuche has been a matter of research for over a century the genetics of the mapuche do not show overly clear affinities with any other known indigenous group in the americas and the same goes for linguistics where the mapuche language is considered a language isolate

#### article ucla international institute - Jan 09 2023

web feb 22 2019 ucla international institute february 22 2019 universidad de la frontera s cristian perucci who researches the cultural economic and political repression of the mapuche indigenous people in chile spoke recently at an event sponsored by the center for southern cone studies and the ucla department of spanish portuguese

### mapuçeler vikipedi - Aug 16 2023

web mapuçe ler mapudungun lisânında mapu toprağın Çe de insan kelimelerinden türetilmiştir ve toprağın insanı anlamına gelir orta ve güney Şili ile güney arjantin de yaşayan yerli kızılderili halk İspanyolca da araucanos araukanyalı olarak da bilinirler yaygın inancın aksine quechua dilindeki arauco isyan

#### mapuche history wikipedia - May 13 2023

web between the 18th and 19th century mapuche culture and people spread eastwards into the pampas and the patagonian plains this vast new territory allowed mapuche groups to control a substantial part of the salt and cattle trade in the southern cone

#### mapuche indigenous people from chile and argentina don quijote - Dec 08 2022

web the mapuche people are the original inhabitants of a vast territory in what is now chile and argentina despite making up almost 10 of chile s population the mapuche people and their truly remarkable history regrettably remain relatively unknown to the common man of the western world

mapuche wikipedia - Sep 17 2023

web the mapuche mæ'p otji mapuche and spanish is a group of native indigenous inhabitants of south central chile and southwestern argentina including parts of patagonia the collective term refers to a wide ranging ethnicity composed of various groups who share a common social religious and economic structure as well as a

#### a brief history of chiles indigenous mapuche culture trip - Mar 11 2023

web apr 27 2017 in the native language mapudungun mapuche translates to people of the earth as their name would suggest many mapuche practices and beliefs are deeply connected to the natural world and the mapuche s ancestral land healing ceremonies and the use of mapuche herbal medicine for example are two common cultural practices <a href="https://doi.org/10.1001/journal.org/">https://doi.org/10.1001/journal.org/<a href="https://doi.org/10.1001/journal.org/">https://doi.org/10.1001/journal.org/<a href="https://doi.org/10.1001/journal.org/">https://doi.org/10.1001/journal.org/<a href="https://doi.org/10.1001/journal.org/">https://doi.org/10.1001/journal.org/<a href="https://doi.org/">https://doi.org/<a h

web a probabilistic model called the hidden markov model is used to explain or infer the probabilistic characteristics of any random process it states that an observed event will be attributed to a series of probability distributions rather than its step by step status

hidden markov model github topics github - Aug 03 2022

web dec 26 2022 javascript irakorshunova hmm star 5 code issues pull requests viterbi and forward backward for hmms in c viterbi algorithm hidden markov model forward backward algo updated on jun 3 2014 javascript julesfrancoise xmmjs star 4 code issues pull requests a javascript port of the xmm library

hidden markov model in machine learning geeksforgeeks - Jun 13 2023

web mar 21 2023 the hidden markov model hmm is the relationship between the hidden states and the observations using two sets of probabilities the transition probabilities and the emission probabilities the transition probabilities describe the probability of transitioning from one hidden state to another

#### hidden markov model github topics github - May 12 2023

web mar 14 2023 java jstacs jstacs star 9 code issues pull requests markov model statistical learning bayesian network generative model classification hidden markov model mixture model statistical models gradient descent algorithm biological sequences biological sequence statistics discriminative learning machine lerning

hidden markov model learn practice from coding ninjas studio - Mar 30 2022

web the hidden markov model is an improved markov model that aids in the prediction of unknown variables from known variables this model can be explained using a graph with directed edges

java hidden markov models in games stack overflow - Sep 04 2022

web sep 27 2012 java hidden markov models share improve this question follow asked sep 26 2012 at 21 34 natchan 138 1 1 12 add a comment 1 answer sorted by 0 ok after playing around abit and finally understanding slightly more my findings are as such what i previously mentioned was wrong

ahmedhani hidden markov model github - Apr 11 2023

web dec 19 2015 hidden markov model a java implementation of hidden markov model the implementation contains brute force forward backward viterbi and baum welch algorithms hidden markov model is a classifier that is used in different way than the other machine learning classifiers

# getting the math right for a hidden markov model in java - Mar 10 2023

web in an effort to learn and use hidden markov models i am writing my own code to implement them i am using this wiki article to help with my work i do not wish to resort to pre written libraries because i have found i can achieve a better understanding if

newest hidden markov models questions stack overflow - Feb 26 2022

web hidden markov models are a model for understanding and predicting sequential data in statistics and machine learning commonly used in natural language processing and bioinformatics i m trying to learn more about hidden markov and found this code online i got through most of it without a problem except for the very end where it turns up hidden markov models java library by adrianulbona - Feb 09 2023

web hidden markov models java library by adrianulbona hmm abstractions in java 8 besides the basic abstractions a most probable state sequence solution is implemented based on the viterbi algorithm the library is hosted on maven central maven **hidden markov model in machine learning javatpoint** - Jul 02 2022

web a hidden markov model hmm is a probabilistic model that consists of a sequence of hidden states each of which generates an observation the hidden states are usually not directly observable and the goal of hmm is to estimate the sequence of hidden states based on a sequence of observations

getting the math right for a hidden markov model in java - Oct 05 2022

web jun 28 2017 getting the math right for a hidden markov model in java ask question asked 6 years 1 month ago modified 6 years 1 month ago viewed 102 times 2 in an effort to learn and use hidden markov models i am writing my own code to implement them i am using this wiki article to help with my work

markov and hidden markov model towards data science - Dec 27 2021

web aug 18 2020 hidden markov models are probabilistic frameworks where the observed data are modeled as a series of outputs generated by one of several hidden internal states markov assumptions markov models are developed based on **hidden markov models tae tutorial and example** - Jan 28 2022

web sep 11 2019 hidden markov model is a partially observable model where the agent partially observes the states this model is based on the statistical markov model where a system being modeled follows the markov process with some hidden states in simple words it is a markov model where the agent has some hidden states

#### hidden markov model github topics github - Jan 08 2023

web sep 10 2023 python library for analysis of time series data including dimensionality reduction clustering and markov model estimation python markov model hidden markov model markov state model time series analysis covariance estimation koopman operator coherent set detection updated 2 weeks ago python

### java hidden markov model clarification on a previous implementation - Nov 06 2022

web sep 29 2012 here s a link to the original code cs nyu edu courses spring04 g22 2591 001 bw 20demo hmm java since the code isn t being presented very nicely in my post import java text

#### hidden markov models github topics github - Jul 14 2023

web nov 17 2022 hidden markov model based music composition project music java viterbi algorithm kmeans baum welch hidden markov models jmusic recombinant updated on jun 29 2021 java rintala dd2380 star 0 code issues pull requests ai18 ht18 artificial intelligence dd2380 kth royal institute of technology artificial intelligence kth

hidden markov model implemented from scratch - Dec 07 2022

web mar 27 2020 in this article we have presented a step by step implementation of the hidden markov model we have created the code by adapting the first principles approach more specifically we have shown how the probabilistic concepts that are expressed through equations can be implemented as objects and methods

siddarthjha hidden markov model java github - Aug 15 2023

web hidden markov model java implementation of forward backward and viterbi algorithm in java hidden markov model hmm is a statistical markov model in which the system being modeled is assumed to be a markov process with unobserved i e hidden states in probability theory a markov model is a stochastic model used to model randomly

### hidden markov models github topics github - Apr 30 2022

web jul 5 2023 code issues pull requests multivariate and multichannel discrete hidden markov models for categorical sequences hmm r time series em algorithm hidden markov models categorical data mixture markov models updated on jul 5 r luisdamiano bayeshmm star 37 code issues pull requests full bayesian inference for hidden