[1] i NP function: NPs are prototypically capable, when placed in an appropriate case-form, of functioning as a complement in clause structure, i.e. as subject (*The doctor arrived*), object (*We need a doctor*) or predicative complement (*Kim is a doctor*).

ii NP structure: Except in what we refer to as the fused-head construction (*Two of them were broken*, *Many would disagree*, *It benefits the rich*), NPs consist of a noun as head, alone or accompanied by one or more dependents.

[2] i inflection. Nouns prototypically inflect for number (singular vs plural) and for case (plain vs genitive).

ii function. Nouns characteristically function as head in NP structure.

iii dependents. Various dependents occur exclusively or almost exclusively with nouns as head: certain determinatives (*a book*, *every day*), pre-head AdjPs (*good news*), relative clauses (*people who work*). Conversely, nouns differ from verbs and prepositions in that they do not take objects: *Kim dislikes it* but not \**Kim's dislike it*.

[3] plain genitive plain genitive

singular *dog dog's child child's*

plural *dogs dogs' child's children's*

[4] dependent independent

nominative accusative genitive genitive reflexive

*I me my mine myself*

*he him his his himself*

*she her her hers herself*

[5] common/proper noun pronoun

i a. [*The boss*] /[*Jill*] *was late.* b. [*She*] *was late.* [subject]

ii a. *I'll tell* [*the boss*] / [*Jill*]*.* b. *I'll tell* [*her*]*.* [object]

iii a. *It was* [*the boss*] / [*Jill*] *who came.* b. *It was* [*she*/*her*] *who came.* [predicative]

[6] i *I was talking* [*to the doctor*]*.* [complement in PP]

ii *I like* [*Jills analysis of the passive construction*]*.* [subject-determiner in NP]

iii *Fred arrived the day before yesterday.*  [adjunct in clause]

iv *The nail was* [*three inches long*]*.* [modifier in AdjP]

v *Fred arrived* [*a whole day late*]*.* [modifier in AdvP]

vi *The wreck was discovered* [*a mile under the sea*]*.* [modifier in PP]

vii *She was writing a treatise on* [*the opera Carmen*]*.* [modifier in NP]

viii *I finally met his wife, a distinguished anthropologist.* [supplement]

ix *Elizabeth, your taxi is here.* [vocative]

[7] *There are several options open to us.* [subject]

[8] i *I'd like to be president.* [predicative complement]

ii *I'd like to meet* \**president* / *the president.* [object]

[1] i *The manager has just arrived.* [common noun]

ii *Jill has just arrived.* [proper noun]

iii *She has just arrived.* [pronoun]

[2] i a. *She was reading* [*a book*]*.* b. *May I have* [*another cake*]*?* [count]

ii a. *She was reading* [*poetry*]*.* b. *May I have* [*some more cake*]*?* [non-count]

[3] a. *the old man* b. *that book you were talking about*

[4] i a. *another United States warship* b. *those Ministry of Defence officials*

ii a. \**another The United States warship* b. \**those the Ministry of Defence officials*

[5] a. NP b. NP

Det: Head: Det: Head:

D Nom D Nom

Mod: Head: Mod: Head:

Adj N Nom N

Head: Comp:

N PP

*the old man those Ministry of Defence officials*

[6] i *He broke* [*the glass*]*.* [determinative]

ii *He broke* [*the teacher's glass*]*.* [genitive NP]

[7] i *the two mistakes I made* [determinative]

ii *an extremely old manuscript* [AdjP]

iii *Ministry of Defence official*s [nominal]

iv *some wonderfully warm woollen blankets* [AdjP + adj]

[8] i *a house as big as I have ever seen* [AdjP]

ii *the nightlife in Paris* [PP]

iii *the proposal which she made* [relative clause]

iv *the photographs of Paris which her father had taken* [PP + relative clause]

[9] i a. *He destroyed* [*both those copies*]*.* ) [predeterminer

b. *It's* [*two thirds the price of the other one*]*.* ) (modifier)]

c. *She had* [*such a brilliant idea*]*.* )

ii a. [*Even this house*] *is too expensive.* ) [peripheral

b. *We couldn't manage with* [*the car alone*]*.* ) modifier]

c. *He took* [*by far the most difficult path*]*.* )

[10] a. NP b. NP

Predeterminer: Head: Head: PeripheralMod:

D NP NP Adv

Det: Head: Det: Head:

D N D N

*both those copies the car alone*

[11] NP

PeripheralMod: Head:

Adv NP

Predeterminer: Head:

D NP

Det: Head:

D Nom

Head: Mod:

Nom Clauserel

Head: Comp:

Nom PP

Mod: Head:

Adj N

*even all the preposterous salary from Lloyds that Bill gets*

[12] i a. *He ignored* [*the most important of her criticisms*]*.* ) [modifier-head]

b. *This proposal would benefit* [*the rich*]*.* )

ii a. *Four boys played croquet and* [*two*] *played tennis.* ) [determiner-head]

b. [*Many*] *would agree with you on that point.* )

iii *Kim earns three times that amount, and I earn* [*double*]*.* [predeterminer-head]

[13] i *That he was guilty was obvious to everyone.* [declarative content clause]

ii *Whether it will work remains unclear.* [interrogative content clause]

iii *For her to be so late is most unusual.* [infinitival clause]

iv *Finding suitable lodgings proved to be difficult.* [gerund-participial clause]

[1] i Noun inflection: characteristically, plural nouns are morphologically marked (*dogs*) while singular nouns are unmarked, identical with the lexical base (*dog*).

ii Agreement and selection within the NP: *this dog* vs *these dogs* (agreement), *a dog* but *several dogs* (selection).

iii Antecedentpronoun agreement: *My dog hid its bone* vs *My dogs hid their bones*.

iv Subjectverb agreement: *The dog likes her* vs *The dogs like her.*

[2] i *We need another plate.* [count]

ii *We need some more crockery.* [non-count]

[3] i *one plate*  *two plates*  *three plates* [count]

ii \**one crockery*  \**two crockeries* \**three crockeries* [non-count]

[4] i *Would you like* [*another chocolate*]*?* [count]

ii *Would you like* [*some more chocolate*]*?* [non-count]

[5] count non-count

i a. *This proposal has three advantages.* b. *They took advantage of us.*

ii a. *He's promoting a new slimming aid.* b. *Foreign aid has been reduced again.*

iii a. *I quoted two authorities in support.* b. *They don't have much authority.*

iv a. *It is certainly a fine building.* b. *There's plenty of building going on.*

v a. *Both covers were torn.* b. *The trees provided useful cover.*

vi a. *There are three details I would add.* b. *They didn't go into much detail.*

vii a. *Change over to another discipline.* b. *We need rather more discipline.*

viii a. *My three main duties are as follows.* b. *She has a strong sense of duty.*

ix a. *She wants a football for Christmas.* b. *Let's play football.*

x a. *Australia won more golds than ever.* b. *It isn't really made of gold.*

xi a. *That's one of my two pet hates.* b. *He still seems full of hate.*

xii a. *I can't see a single white hair.* b. *He has blond hair.*

xiii a. *Several improvements were made.* b. *There hasn't been much improvement.*

xiv a. *These are our two major necessities.* b. *I see little necessity for change.*

xv a. *She's written five papers already.* b. *We haven't got much paper left.*

xvi a. *I have several reasons for concern.* b. *He's little reason to doubt her word.*

xvii a. *We've three sausages left.* b. *I don't like sausage.*

xviii a. *I've just had another good sleep.* b. *I've not had much sleep.*

xix a. *The word has two different spellings.* b. *They should be taught spelling.*

xx a. *These animals have two stomachs.* b. *I haven't much stomach for it.*

xxi a. *All previous studies are flawed.* b. *The question needs more study.*

xxii a. *Bear these truths constantly in mind.* b. *There's some truth in what he says.*

xxiii a. *The gadget has several uses.* b. *It's not much use complaining now.*

xxiv a. *I've read her most important works.* b. *They haven't put in enough work.*

xxv a. *These are my two main worries.* b. *It's a source of great worry to me.*

[6] *baggage bedlinen clothing cutlery equipment footwear*

*furniture jewellery luggage machinery tableware underwear*

[7] i *I don't like beer.* [non-count]

ii *She offered me another beer.* [count]

[8] i *I'm going to have pork.* [non-count]

ii *That makes five porks and two turkeys, please.* [count]

[9] i *We're having cheese for lunch.* [non-count]

ii *These are two of my favourite cheeses.* [count]

[10] i *I was lucky enough to catch a salmon today.* [count]

ii *We're having salmon for dinner.* [non-count]

[11] i a. *Considerable injustice was revealed during the enquiry.* ) [abstract, non-count]

b. *Serious harm was done to the project's prospects.* )

ii a. *Two fundamental injustices were revealed during the enquiry.* ) [event, count]

b. \**Two serious harms were done to the project's prospects.* )

[12] i *Full discussion of the land question is vital.* ) [abstract, non-count]

*Permission is required.* )

ii *Two discussions of the land question took place.* ) [event, count]

?*Two separate permissions are required* )

[13] i *Invention is the mother of necessity.* [abstract, non-count]

ii ?*There were two separate inventions of the light-bulb.* [event, count]

iii *Edison was honoured for three separate inventions.* [result, count]

[14] i *The termite was living on a diet of book.*

ii *There was cat all over the driveway.*

[15] count non-count

singular *I'd like an apple.* *I'd like some cheese.*

plural *I'd like some biscuits.* *I'd like some oats.*

[16] i count *the house this piece my father no pianist*

ii non-count *the equipment this crockery my clothing no milk*

[17] *much little a little enough sufficient*

[18] count non-count

i a. \**Why has he so much*/*little priest?* b. *Why was there so much*/*little damage?*

ii a. \**He damaged a little knee.* b. *She drank a little water.*

iii a. \**He has got enough*/*sufficient son.* b. *He has got enough*/*sufficient strength.*

[19] *each every either neither one another*

[20] count non-count

i a. *Each*/*Every boy won a prize.* b. \**He broke each*/*every crockery.*

ii a. *I'll accept either*/*neither proposal.* b. \**I can repair either*/*neither damage.*

iii a. *Choose one*/*another leader.* b. \**Choose one*/*another clothing.*

[21] i a. *A number of problems remain.* b. *He wastes a great deal of time.*

ii a. *I have a high regard for them.* b. *Jill has a good knowledge of Greek.*

[22] a. \**All cup had been broken.* b. *All fear had evaporated.*

[23] i a. \**She married Englishman.* b. *She always drinks water.*

ii a. \**There had been a lot of vandal.* b. *There had been a lot of vandalism.*

[24] i singular *dog fox child mouse sheep*

ii plural *dogs foxes children mice sheep*

[25] no plural form base plural

i a. \**these equipment* b. *these sheep*

ii a. \**The equipment are ready.* b. *The sheep are ready.*

[26] i *bloomers breeches britches* AmE *briefs corduroys*

*drawers flannels jeans knickerbockers knickers*

*pants panties pajamas* AmE *pyjamas* BrE *overalls* BrE

*shorts slacks tights* *trousers trunks*

ii *bellows clippers cutters forceps nutcrackers*

*pincers pliers scales scissors secateurs*

*shears snippers tongs tweezers*

iii *binoculars clip-ons glasses goggles spectacles*

[27] i a. *Corduroys are still fashionable.* b. *%I'll get both these trousers cleaned.*

ii a. *All the scissors need sharpening.* b. ?*Have you got two tweezers I can borrow?*

[28] i *This scissor reportedly never needs sharpening.*

ii *Ever wondered why someone can't design a flannel-lined jean?*

iii *Venetians were a wide-topped breeches narrowing to button or tie below the knee.*

[29] *dregs grits* AmE *oats Epsom salts*

[30] *arms clothes contents covers dishes*

*goods groceries leftovers munitions odds-and-ends*

*refreshments remains spoils supplies valuables*

[31] i a. *an item of clothing* b. \**an item of clothes*

ii a. *a piece of jewellery* b. \**a piece of valuables*

[32] *bushes mountains plains steppes woods*

[33] a. *He threw it in the bushes.* b. *She lives in the mountains.*

[34] i *beginnings belongings furnishings goings-on lodgings*

*makings proceedings savings surroundings writings*

ii *amends damages deserts dues earnings*

*proceeds reparations reprisals returns wages*

iii *apologies compliments condolences regards remembrances*

iv *alms arrears ashes auspices brains*

*credentials customs elders eye-drops folks*

*genitals grassroots greens grounds guts*

*heads heavens holidays humanities letters*

*looks mains minutes odds particulars*

*reams spirits tails troops wits*

[35] i *at loggerheads with at odds with in cahoots with*

*in the doldrums on friendly terms with for keeps*

ii *I'm no longer friends with him.*

[36] *genitalia minutiae regalia*

[37] i *cattle livestock police poultry*1 *vermin*

ii *folk people*1

[38] a. *These cattle belong to my uncle.* b. \**This cattle belongs to my uncle.*

[39] i *a thousand cattle* \**seven cattle seven cows*

ii *two hundred police* \**four police four policemen* / *police officers*

[40] *Shingles is*/\**are often excruciatingly painful; I hope I never get it*/\**them.*

[41] i *A very pleasant three days was spent with Kim's aunt in Brighton.*

ii *Three ounces of sugar is rather too much.*

[42] i *bends hives mumps rabies rickets shingles*

ii *haemorrhoids hiccups measles*

[43] *barracks crossroads gallows headquarters innings kennels*

*links means mews rapids waterworks*

[44] i *This barracks is in urgent need of repair.*

ii *These two barracks have been used to accommodate refugees.*

[45] i *acoustics classics economics ethics linguistics mathematics*

*mechanics phonetics physics politics semantics statistics*

ii *athletics gymnastics*

[46] i *The new concert hall has two distinct acoustics.*

ii *Two distinct ethics are in conflict in this school.*

iii *Two newly published statistics reveal that alcohol is good for you.*

[47] i *His politics are somewhat to the left of my own.*

ii *I recall the mental gymnastics that were required to keep up with him.*

iii *I'm afraid the mechanics of the market are beyond me.*

[48] *There is unfortunately not much phonetics in the course: it's my best subject.*

[49] i *billiards checkers* AmE *draughts* BrE *fives ninepins*

ii *cards darts dominoes skittles*

[50] i *Billiards*/*Dominoes is one of my favourite games.*

ii *I've only three dominoes left.*

[51] i *algae* *bacteria* *criteria* *data* *insignia*

*media* *phenomena*

ii *ephemera erotica exotica paraphernalia trivia*

[52] *alga bacterium criterion datum insigne*

*medium phenomenon*

[53] singular plural

i a. [*A lot of work*] *was done.* b. [*A lot of errors*] *were made.*

ii a. [*A great deal of work*] *was done.* b. \*[*A great deal of errors*] *were*/*was made.*

iii a. \*[*Dozens* *of work*] *was*/*were done.* b. [*Dozens of errors*] *were made.*

[54] i [*A lot of the delegates*] *complained.* [partitive]

ii [*A lot of people*] *complained.* [non-partitive]

[55] i [*Many of the delegates*] *complained.* [partitive]

ii \*[*Many of delegates*] *complained.* [non-partitive]

[56] i A: *Where did all the money go?* B: *A lot was spent on travel.*

ii A: *What happened to the protesters?* B: *A lot were arrested.*

[57] i *lot* *plenty*

ii *lots bags heaps loads oodles stacks*

iii *remainder* *rest*

iv *number* *couple*

[58] i *We found* [*huge numbers of ants*] *swarming all over the place.*

ii *If* [*this number of people*] *come next time we'll bring in professional caterers.*

iii [*Any number of people*] *could have done a better job than that.*

iv [*The couple of mistakes she had made*] *were easily corrected.*

v [*An unusually large number of people*] *have applied this year.*

vi [*How large a number of students*] *have enrolled, did you say?*

[59] *dozens* *scores* *tens* *hundreds* *thousands* *millions billions zillions*

[60] i a. *dozens of spiders* b. *hundreds of voters* [head noun + complement]

ii a. *a dozen spiders* b. *three hundred voters* [determiner + head noun]

[61] i a. \**ten thousands of stars* b. *tens of thousands of stars*

ii a. \**seven thousand millions of stars* b. *thousands of millions of stars..*

[62] a. NP b. NP

Det: Head: Det: Head:

D Nom Quantifier N

Head: Comp:

N PP

Head: Comp: *a number of protesters* Prep NP

*a number of protesters*

[63] i *Most students like continuous assessment but* [*a number \_\_ prefer the old examination system*]*.*

ii *We called a meeting of the first-year students,* [*of whom a number \_\_ had complained about the assessment system*]*.*

[64] i a. *this book* / \**this books* b. *these books* / \**these book* [agreement]

ii a. *one doctor* / \**one doctors* b. *two doctors* / \**two doctor* [selection]

[65] a. *this girl*  *these girls* b. *that boy* *those boys*

[66] i a. [*This kind of dog*] *is dangerous.* b. [*These kinds of dogs*] *are dangerous.*

ii [*These kind of dogs*] *are dangerous.*

[67] i *a one each every either neither*

ii *much little a little*

[68] i *two three one and a half two point three*

ii *both several many few a few*

iii *numerous countless*

iv *we you*

[69] *another an additional a further a good*

[70] i [*Another body*/\**bodies*] *had been discovered.*

ii [*Another three bodies*] *have been discovered.*

iii [*A further few*/\**many volunteers*] *were needed.*

iv *He ate* [*a good three hefty steaks*] *before leaving the table.*

[71] i [*That* *ten days* *we spent in Florida*] *was fantastic.* [period of time]

ii [*This twenty dollars*] *isn't going to get us very far.* [sum of money]

iii [*This next* *two miles*] *isn't going to be difficult.* [distance]

iv [*This last* *fifty bars*] *clearly isn't Beethoven.* [stretch of music]

v [*That* *two pounds of sugar* *you bought*] *isn't going to be enough.* [quantity]

[72] i [*Those* *ten days* *we spent in Florida*] *were fantastic.*

ii [*These twenty dollars*] *aren't going to get us very far.*

iii [*These next* *two miles*] *aren't going to be difficult.*

iv [*These last* *fifty bars*] *clearly aren't Beethoven.*

v [*Those* *two pounds of sugar* *you bought*] *aren't going to be enough.*

[73] i [*Every ten days* *we've spent on the project*] *has*/\**have cost a fortune.*

ii [*Each fifty bars*] *was*/\**were a new challenge.*

[74] i [*Another three days*] *are*/*is going to be needed.* [respecification permitted]

ii [*Another three bodies*] *have*/\**has been discovered.* [respecification disallowed]

singular count nouns, addition of a determiner is generally obligatory:

[1] i \*[*New car*] *was stolen.* [bare count singular nominal]

ii [*The*/*One*/*Ally's new car*] *was stolen.* [determiner + nominal]

[2] i [*New cars*] *were stolen.* [bare NP]

ii [*The*/*Two*/*Ally's new cars*] *were stolen.* [determined NP]

[3] i basic determiners ( determinatives *the tie those shoes*

( DPs *almost every tie at least two shoes*

ii subject-determiners genitive NPs *my tie* *the boy's shoes*

iii minor determiners ( plain NPs *what colour tie this size shoes*

( PPs *over thirty ties* *up to thirty shoes*

[4] i [*All the vases*] *are broken.* [predeterminer]

ii [*The three rings*] *were stolen.* [modifier in nominal]

iii *The problem isn't* [*that serious*]*.* [modifier in other phrase]

iv *We are* [*three in number*]*.* [predicative complement]

v *The remark was* [*both offensive*] *and irrelevant.* [marker of coordination]

vi *He gave ten copies to me and* [*six*] *to the others.* [simple ) fused head]

vii *I had taken lots of books but all* (*of them*) *were novels.* [partitive )

viii *They couldn't find much to criticise.* [special )

[5] i *the*, *a* articles

ii ***this***, ***that*** demonstrative determinatives

iii ***we***, *you* personal determinatives

iv *all*, *both* universal determinatives

v *each*, *every* distributive determinatives

vi *some*, *any* quantitative determinatives

vii *one*, *two*, *three*, ... cardinal numerals

viii *either*, *neither* disjunctive determinatives

ix ***no*** negative determinative

x *another* additivealternative determinative

xi *a few*, *a little*, *several*,... positive paucal determinatives

xii ***many***, ***much***, ***few***, ***little***, ... degree determinatives

xiii *enough*, *sufficient* sufficiency determinatives

xiv *which*, *what*, *whichever*, *whatever* interrogative and relative determinatives[[1]](#footnote-1)

[6] *around ten thousand copies*, *between fifty and sixty tanks*, *close to a hundred tickets*, *from ten to fifteen judges*, *in excess of ninety delegates*, *over a million people*, *under ten new drugs*, *up to twenty minutes*

[1] i a. [*Three students*] *coughed.* b. *They arrested* [*three students*]*.*

ii a. [*Enough money*] *is available.* b. *Kim gave them* [*enough money*]*.*

[2] existential quantification universal quantification

a. [*Some of the meat*] *was fresh.* b. [*All of the meat*] *was fresh.*

[3] i a. [*All of the meat*] *was fresh.*  b. [*None of the meat*] *wasn't fresh.*

ii a. [*Some of the meat*] *was fresh.* b. [*Not all of the meat*] *wasn't fresh.*

[4] universal existential

i a. [*Not all of the meat*] *was fresh.* b. [*Some of the meat*] *wasn't fresh.*

ii a. [*All of the meat*] *wasn't fresh.* b. [*None of the meat*] *was fresh.*

[5] i a. *He hadn't eaten* [*all of the meat*]*.* b. *He hadn't eaten* [*some of the meat*]*.*

ii a. *He hadn't eaten* [*all of the meat*]*.* b. *He had eaten* [*none of the meat*]*.*

b. *He hadn't eaten* [*any of the meat*]*.*

[6] a. *He had eaten* [*all of the pies*]*.* b. *He had eaten* [*some of the pies*]*.*

[7] i a. *He hadn't eaten* [*all of the pies*]*.* b. *He hadn't eaten* [*some of the pies*]*.*

ii a. *He hadn't eaten* [*all of the pies*]*.* b. *He had eaten* [*none of the pies*]*.*

b. *He hadn't eaten* [*any of the pies*]*.*

[8] i a. *He hadn't eaten* [*both of the pies*]*.*

ii a. *He hadn't eaten* [*both of the pies*]*.* b. *He had eaten* [*neither of the pies*]*.*

b. *He hadn't eaten* [*either of the pies*]*.*

[9] universal existential

**basic non-affirmative negative**

neutral *all some any* ***no***

dual *both either neither*

[10] a. *Did he eat both of the pies?* b. *Did he eat either of the pies?*

[11] a. *Any of these computers will do.* b. *Either of these computers will do.*

[12] *Were* [*any*/*either of the students*] *allowed to take part?*

[13] i *Five students voted against the proposal.* [distributive]

ii *Five students lifted the piano onto the stage.* [non-distributive: joint]

[14] i *Every student voted against the proposal.* ) [distributive]

ii *Each student lifted the piano onto the stage.* )

[15] *All*/*Any candidates who score 100% on the test will receive a $100 prize.*

[16] i *Max has* [*four children*]*.*

ii Max has no less than four children [lower bound]

iii Max has no more than four children [upper bound]

[17] i *Max has five children* **entails** *Max has four children*

ii *Max has four children* **implicates** *Max doesn't have five children*

[18] a. *All of her children have emigrated.* b. *Some of her children have emigrated.*

[19] i *There were some children in the park.* ) [non-proportional

ii *I saw some children climb over the fence.* ) use of *some*]

[20] i *Some people misunderstood the question.* ) [proportional

ii *Some people don't know how to say `No'.* ) use of *some*]

[21] i *Most*p *students would regard that as unreasonable.* [proportional]

ii *It's the Pyschology Department that attracts* (*the*) *most*s *students.* [superlative]

[22] *all*  >  *most*p > *some*

[23] i *I knew all of the delegates.* [entails [iiiii]]

ii *I knew most of the delegates.* [entails [iii], implicates negation of [i]]

iii *I knew some of the delegates.* [implicates negation of [iii]]

[24] proportional non-proportional

i a. *Many people think it's a conspiracy.* b. *We're having a lot of friends round.*

ii a. *Some people think it's a conspiracy.* b. *We're having some friends round.*

[25] i a. *I disagreed with many of his points.* b. *I made a lot of mistakes.*

ii a. *I disagreed with a few of his points.* b. *I made a few mistakes.*

[26] a. *Some of her friends voted for him.* b. *None of her friends voted for him.*

[27] a. *Many of her friends voted for him.* b. *Few of her friends voted for him.*

[28] i *Some if not all* / *indeed all of her friends voted for him.*

ii \**Few if not many* / *indeed many of her friends voted for him.*

[29] a. *He didn't obtain many votes.* b. *He obtained few votes.*

[30] ***no*** > *few* > *not all*

[31] i *None of her friends voted for him.* [entails [iiiii]]

ii *Few of her friends voted for him.* [entails [iii], implicates negation of [i]]

iii *Not all of her friends voted for him.* [implicates negation of [iii]]

[32] *Few if any / indeed none of them did as well as Kim.*

[33] *a few few*

i Upper bound is low implicated entailed

ii Lower bound is greater than zero entailed implicated

[34] i *A few if not many* / *indeed many of her friends voted for him.*

ii \**A few if any* / *indeed none of them did as well as Kim.*

[1] *Bring me* [*the ladder*/*ladders*/*cement*]*!*

[2] i *Where did you park the car?*

ii *The father of one of my students rang me up last night.*

iii *The first person to run the mile in under four minutes was Roger Bannister.*

[3] i *Put your cup down on the arm of your chair.*

ii *He married the daughter of his bank manager.*

[4] i *Where did you put the keys* / *the milk?*

ii *The parents of one of my students came round to see me last night.*

[5] a. *The bathroom tiles are cracked.* b. *All the bathroom tiles are cracked.*

[6] i *Could you do something about the hum?*

ii *The president has been assassinated.*

iii *They have a cat and two dogs. The cat is over fifteen years old.*

iv *My car won't start; I think the battery is flat.*

v *She grabbed me by the arm.*

vi *Everybody wants to be a member of the most popular team.*

vii *They are interviewing the man who mows her lawn.*

viii *The racquet dropped from Andre Agassi's hand as if his fingers had grown* *numb.*

[7] i *She ran* [*the fastest she had ever run*]*.* ) [modifier]

ii *The longer we stay,* [*the more*] *chance* *there is we'll be caught.* )

[8] i \**There's a spider in the bath. Get rid of* [*the*] *immediately!* [*it*]

ii \**Do you prefer this version or* [*the Kim did*]*?* [*the one*]

iii \**Wine from Australia is now more popular than* [*the from France*]*.* [*that*]

[9] a. *Bring me a ladder!* b. *Bring me the ladder!*

[10] quantitative non-quantitative

i a. *She has just bought* [*a new car*]*.* b. *Jill is* [*a doctor*]*.*

ii a. [*A student*] *has complained about it.* b. *As* [*a doctor*]*, Jill should know better.*

iii a. *Jill found* [*a book on Greek syntax*]*.* b. *Jill has* [*a good knowledge of Greek*]*.*

[11] determiner modifier

i a. [*one hundred*] *charges* b. *these* [*one hundred*] *charges*

ii a. [*one colleague's*] *house* b. *the* [*one dollar's*] *worth of coins*

[12] i a. [*a hundred*] *charges* b. *these* [*hundred*] *charges*

ii a. [*a colleague's*] *house* b. *the* [*dollar's*] *worth of coins*

[13] i *the* [*more than a hundred*] *charges that had been laid against them*

ii *the* [*almost a dollar's*] *worth of coins that he had in his pocket*

[1] a. *Those bathroom tiles are cracked.* b. *All those bathroom tiles are cracked.*

[2] a. *Read me this book!* b. *Fetch me that book!*

[3] i *Jones was playing chess. This new hobby that he had just discovered was taking up all of his time.*

ii *I suggested we call the police, but he didn't like that idea.*

[4] i *Those cards are Kim's;* [*these*] *are yours.* [simple fused-head]

ii [*All those of them that were contaminated*] *we destroyed.* [partitive fused-head]

iii *It's a little late, but* [*that*] *doesn't matter.* [special fused-head]

iv *We don't need* [*this much*] *sugar.* [modifier]

[5] i [*We*d *supporters of a federal Europe*] *will eventually win the argument.*

ii [*You*d *students*] *should form a society.*

[6] i a. *all we*d *supporters of a federal Europe* b. *all you students*

ii a. *all those supporters of a federal Europe* b. *all the students*

[7] i *We*p*, the supporters of a federal Europe, will eventually win the argument.*

ii *You*p*, the students, should form a society.*

[8] determiner + head appositional construction

i a. \**I president declare the meeting*  b. *I, the president, declare the meeting*

*open. open.*

ii a.\**You proponent of a federal Europe* b. *You, the proponent of a federal*

*should support this proposal. Europe, should support this proposal.*

iii a.\**They poets are our guides.* b. *They, the poets, are our guides.*

[9] a. [*Both parents*] *were interviewed.* b. [*All parents*] *were interviewed.*

[10] i *They used up* [*all the sugar*]*.* [non-count]

ii *She had spent* [*all* (*the*) *morning*] *in the library.* [count singular]

[11] i a. *I drank* [*all the whisky*]*.* b. ?*I drank* [*the whole whisky*]*.*

ii a. *You will need* [*all your patience*]*.* b. #*You will need* [*your whole patience*]*.*

iii a. ?*Tell me* [*all the truth*]*.* b. *Tell me* [*the whole truth*]*.*

iv a. *I haven't read* [*all the book*]*.* b. *I haven't read* [*the whole book*]*.*

v a. *I spent* [*all the day*] *cooking.* b. *I spent* [*the whole day*] *cooking.*

vi a. ?*I broke* [*all the plate*]*.* b. ?*I broke* [*the whole plate*]*.*

vii a. \**I spent* [*all a day*] *cooking.* b. *I spent* [*a whole day*] *cooking.*

viii a. [*All the committee*] *have voted.* b. [*The whole committee*] *has voted.*

[12] i [*All*/*Both students*] *failed the philosophy exam.* [determiner]

ii [*All*/*Both the students failed*] *the philosophy exam.* [predeterminer]

[13] i *We will be informing the market that the business is continuing to run as a separate entity, with all key staff remaining in place.*

ii *All students who have failed must see their tutors tomorrow.*

iii *All three visitors left early.*

iv *We spent all day at the beach.*

[14] i *Her friends had just got their results:* [*all*/*both* (*of them*)] *had passed.* [partitive]

ii [*All here*] *admire her.* ) [special]

iii [*All I want*] *is peace and quiet.* )

[15] i *She did it* [*all by herself*]*. I'm* [*all wet*]*. The coat is* [*all wool*]*.* [modifier]

ii *They invited* [*both Kim*] *and Pat.* [marker of coordination]

[16] i *All members of the committee voted in favour of the resolution.*

ii *Both students bought a present for the teacher.*

[17] i *All*/*Both the students together had managed to lift the piano onto the stage.*

ii *All/Both the students had handed in only five essays.*

[18] i *All*/*Both of them had been to the same school.*

ii *All*/*Both copies were identical*/*alike.*

[19] *Each*/*Every student handed in only five essays.*

[20] i a. *Last year each student passed.* b. *Last year every student passed.*

ii a. *Each philosopher admires Aristotle.* b. *Every philosopher admires Aristotle.*

iii a. \**We lunch together each other day.* b. *We lunch together every other day.*

[21] i *Each*/*Every city in the region was destroyed by the earthquake.*

ii *I enjoyed each*/*every minute of it.*

[22] i *There is every possibility that she will make a complete recovery.*

ii *I have every reason to believe that they were conspiring against us.*

[23] i a. *Each* (*of them*) *was cut in two.* b. \**Every* (*of them*) *was cut in two.*

ii a. *They sold for two dollars each.* b. \**They sold for two dollars every.*

[24] a. [*Almost every student*] *passed.* b. \*[*Almost each student*] *passed.*

[25] a. *They scrutinised* [*her every move*]*.* b. \**They scrutinised* [*her each move*]*.*

[26] i a. *We've got some milk.* b. \**We've got any milk.*

ii a. \**We haven't got some milk.* b. *We haven't got any milk.*

[27] i *There are some letters for you.* [plural]

ii *We need some sugar.* [non-count]

[28] i *It was some years before she saw him again.* [plural]

ii *We discussed the problem at some length.* [non-count]

[29] i *When I arrived, some student was waiting outside the door.*

ii *Some idiot must have stolen my car!*

iii *Some day I will win the lottery.*

[30] a. *Those are some elephants!* b. *Some hotel that was! An utter disgrace!*

[31] i *Some people left early.* [plural]

ii *I think some candidate expressed a view on this issue* [count singular]

iii *Some cheese is made from goat's milk.* [non-count]

[32] i *There aren't any letters for you.* [plural]

ii *We don't need any sugar.* [non-count]

iii *I haven't got any job lined up for you today, I'm afraid.* [count singular]

[33] i *I don't think any people left early.* [plural]

ii *I don't think any candidate expressed a view on this issue.* [count singular]

iii *I don't think any cheese is made from goat's milk.* [non-count]

[34] i *Any* *computers with defective keyboards should be returned.* [plural]

ii *Any policeman will be able to tell you.* [count singular]

iii *Any remaining dirt will have to be removed.* [non-count]

[35] i [*We don't publish any*n *letters:*] *we only accept commissioned articles.*

ii [*We don't publish just any*f *letters:*] *we reject more than half of those submitted.*

[36] i *Jan will read* [*almost any*f *computer magazines*]*.*

ii \**Jan couldn't find* [*almost any*n *computer magazines*] *in the shop.*

[37] i a. *Jill is a doctor.* b. \**Jill is some doctor.*

ii a. *Jill and Ed are doctors.* b. \**Jill and Ed are some doctors.*

iii a. *As doctors, they should know that.* b. \**As any doctors, they should know that.*

iv a. *This liquid is sulphuric acid.* b. \**This liquid is some sulphuric acid.*

v a. *Jill wasn't a student.* b. \**Jill wasn't any*n *student.*

[38] i *Mary and Frieda are* [*some* *friends of ours that we met on holiday in Ibiza*]*.*

ii *This is* [*some sulphuric acid we have left over from the last experiment*]*.*

iii *Jill wasn't* [*any*n *student of mine*]*.*

[39] i a. [*A lion*] *is a ferocious beast.* b. [*Some lion*] *is a ferocious beast*

ii a. [*Lions*] *are ferocious beasts.* b. [*Some* *lions*] *are ferocious beasts.*

iii a. [*Sulphuric acid*] *is a dangerous* b. \*[*Some* *sulphuric acid*] *is a dangerous*

*substance. substance.*

[40] i [*Some seats*] / [*Seats*] *are available at fifty dollars.*

ii *Everybody went to the post office to buy* [*some stamps*] / [*stamps*]*.*

[41] i a. *We need a chair.* b. *We don't need a chair.*

ii a. *We need some chairs.* b. *We don't need any*n *chairs.*

iii a. *We need some furniture.* b. *We don't need any*n *furniture.*

[42] i a. *I need some dollar coins; have you got some I could borrow?* ) [simple]

b. *I wanted to borrow some dollar coins but* *she didn't have any.* )

ii a. *Can I have some of this custard?* ) [partitive]

b. *There are a lot of applicants but I don't think any are suitable.* )

iii *The film is disappointing some might put it more strongly than that.* [special]

[43] i *Have you got* [*some*/*any more*] *milk?*

ii *Are you feeling* [*any better*] / [*any more relaxed*]*?*

[44] numerical *one* singulative *one*

i a. *We have one*n *son and two daughters.* b. *She arrived one*s *rainy morning.*

ii a. *Only* / *At least one*n *student failed.* b. *Not one*s *student failed.*

iii a. *I need one*n *or more volunteers.* b. *For one*s *reason or another they*

*didn't charge us.*

iv a. *That one*n *mistake cost him his job.* b. [no use of *one*s as modifier]

v a. [no emotive use of *one*n] b. *That's one*s *big elephant.*

[45] i a. *Kim has written four novels, and Pat has written two*/*one*n*.* ) [simple]

b. *Mary bought a book, and I bought* \**a*/*one*s *as well.* )

ii *They gave us four copies but two*/*one*n *of them seemed defective.* [partitive]

iii *He behaved like one*s *who considers himself born to rule.* [special]

[46] i a. *They made zero*/*no errors.* b. *They have zero*/*no chance of winning.*

[47] i a. *He didn't like either*n *teacher.* b. \**He liked either teacher.*

ii a. *Did either*n *boy have a key?* b. \**Either boy had a key.*

iii a. *You can take either*f *computer.* b. \**She had taken either computer.*

[48] i a. *Did either boy have a key?* (=[47iia]) b. *Did both boys have a key?*

ii a. *If either parent dies, Jill will inherit* b. *If both parents die, Jill will inherit*

*the business. the business.*

[49] i a. *either parent* b. *both parents*

ii a. *either her father or her mother* b. *both her father and her mother*

[50] *They planted roses on either side of the driveway.*

[51] i *Let me know if* [*either*/*neither of the students*] *turns up.* [explicitly partitive]

ii *There were two flats available, but* [*neither*] *was suitable.* [implicitly partitive]

[52] i a. *No juvenile was admitted*. b. *No juveniles were admitted.* [count]

ii *No bread was baked that day.* [non-count]

[53] i a. *He has no father.* b. #*He has no fathers.*

ii a. *He has no child.* b. *He has no children.*

[54] i a. *No boy*(*s*) *in the class passed.* b. *I know no boy*(*s*) *in the class.*

ii a. *Not a*/*one*s *boy in the class passed.* b. *I don't know a*/*one*s *boy in the class.*

iii a. ?*Not any*n *boy*(*s*) *in the class passed.* b. *I don't know any*n *boy*(*s*) *in the class.*

[55] a. *He isn't a doctor.* b. *He's no doctor.*

[56] i a. *No student was present.* b. *None* (*of the students*) *was present.*

ii a. *No students were present.* b. *None* (*of the students*) *were present.*

[57] i *Kim had lots of money left, but Pat had* [*none*]*.* [simple]

ii *There were few jobs available, and* [*none* (*of them*)] *seemed suitable.* [partitive]

iii *The prizes were presented by* [*none other than the President herself*]*.* [special]

[58] i a. *another three examples* b. \**a three other examples*

ii a. *the other three examples* b. *the three other examples*

[59] i *I would like* [*another banana*]*.*

ii *Harriet supports* [*ones team*]*, and I support* [*another*].

iii *I'll make* [*onen dish*]*, and you can make* [*another*]*.*

iv *Masha consumed* [*yet another banana*]*.*

[60] i *I only have* [*a little money*]*.* [non-count]

ii *I found* [*a few* / *several mistakes*]*.* [plural count]

[61] a. [*a very few*] *mistakes* b. *quite* [*a few*] *mistakes*

[62] a. [*Various* *items*] *are missing.* b. [*Certain problems*] *remain.*

[63] i *This gave her a certain authority.*

ii *To a certain extent I agree with you.*

iii *It's a certain bet that the price will rise again before the end of the year.*

[64] count plural non-count

i a. *He made* [*many mistakes*]*.* b. *Has he got* [*much money*]*?*

ii a. *He made* [*more mistakes than you*]*.* b. *Has he got* [*more money than you*]*?*

iii a. *He made* [(*the*) *most mistakes*]*.* b. *Has he got* [(*the*) *most money*]*?*

iv a. *He made* [*few mistakes*]*.* b. *He has got* [*little money*]*.*

v a. *He made* [*fewer mistakes than you*]*.* b. *He has got* [*less money than you*]*.*

vi a. *He made* [(*the*) *fewest mistakes*]*.* b. *He has got* [(*the*) *least money*]*.*

[65] i *Few people came to the meeting, did they?* [determiner; negative clause]

ii *The few people who came to the meeting all* ) [modifier; positive clause]

*supported the proposal, didn't they?* )

[66] i [*Many a man*] *has been moved to tears by this sight.*

ii [*A great many complaints*] *had been received.*

[67] i a. [*Most*p *people*] *enjoyed it.* b. [*Most*p *cheese*] *is made from cow's milk.*

ii a. *Kim had scored* [(*the*) *most*s *runs*]*.* b. *Kim had made* [(*the*) *most*s *progress*]*.*

[68] i *She drinks* [*more*/*less milk than you*]*.*

ii *There's* [*more milk*] *in the fridge if you need some.*

[69] i *That's* [*all the more reason why we should take professional advice*]*.*

ii [*The more alternative occupations*] *there are available,* [*the fewer women*] *you will find who take in lodgers.*

[70] i *He expected to get a lot of votes but ended up with* [*relatively few*]*.* [simple]

ii a. [*Much of the book*] *was incomprehensible.* ) [partitive]

b. *I found about twenty mistakes, but* [*most*p] *were relatively minor.* )

iii a. *They had found* [*much*/*little to criticise*] *in his thesis.* ) [special]

b. [*Many*/*Few*] *would disagree with you on that point.* )

c. *Kim isn't* [*much of an actor*] /[*any more of an actor than Pat*]*.* )

[71] i [*Enough*/*sufficient people*] *attended the meeting to form a quorum.*

ii *I haven't got* [*enough*/*sufficient money*]*.*

[72] i *This isn't* [*a sufficient reason for dismissing them*]*.* [adjective]

ii *Those aren't* [*sufficient reasons for dismissing them*]*.* [adjective or determinative]

[73] i *I had some money on me, but not enough*/*sufficient to get a taxi.* [simple]

ii *I don't think enough*/*sufficient of us are here to form a quorum.* [partitive]

iii *You've already said enough*/*sufficient to convince me.* [special]

[74] i *We have time enough to complete the task.* [noun]

ii *I don't like it enough to buy it at that price.* [verb]

iii *The furniture isn't robust enough for that kind of treatment.* [adjective]

iv *They don't speak clearly enough for me to be able to hear.* [adverb]

[75] *Which*/*What videos have been released this week?*

[76] i *We bought* [*what*/*whatever*/\**which*/*whichever tickets were available*]*.* [ordinary]

ii *We can use* [*what*/*whatever*/*which*/*whichever edition you want*]*.* [free choice]

[77] i *We'll use* [*whatever*/*whichever edition is available*]*.* [count singular]

ii *I gave them* [*whatever*/\**whichever help I could*]*.* [non-count]

[78] *The meeting lasted until midnight, at* [*which stage*] *everyone was exhausted.*

[1] *Mary washed her car.*

[2] i *Did Mary telephone while I was out?* [referential]

ii *Did anyone telephone while I was out?* [non-referential]

[3] i *Did Maryi telephone while I was out? Shei promised to call today.*

ii *Did anyonei call while I was out?* \**Shei*/\**Hei*/\**Theyi promised to call today.*

[4] i a. *One car in the race broke down and it had to be repaired.* [coreferential]

b. \**No car in the race broke down and it had to be repaired.*

ii a. *Three students arrived early; they had taken a taxi.* [coreferential]

b. *No students arrived on time; they had all overslept.* [not coreferential]

[5] i [*Either city*] *might win the Olympics.* [determinative *either*]

ii *The matron interviewed* [*each boy*] *in turn.* [determinative *each*]

iii *I wonder* [*who*] *told her.* [interrogative]

iv *I was elected treasurer two years ago.* [bare role NP]

[6] i *Mary is a Manchester United supporter.*

ii *Kim became Pat's lover* / *the heir to a large fortune.*

[7] i *The Vice-Chancellor is that guy over there by the piano.*

ii *John is that guy over there by the piano.*

iii *I'm Kim Jones.*

iv [*Cassius Clay*] *is* [*Mohammed Ali*]*.*

[8] i *A pentagon is a regular figure with five sides.*

ii *Pentagons are regular figures with five sides.*

[9] i *The boy who wrote this email must be expelled.* ) [referential

ii *I think Ed's CD player was stolen by a friend of his.*  ) or indeterminate]

[10] i  *I want to meet the genius who can solve this equation.* ) [referential

ii *I'm going to marry the man of my dreams.* ) or non-specific]

iii *I intend to date a Norwegian.* )

[11] i *My sister now has a cari. She bought iti with the royalties from her novel.*

ii *My sister doesn't have a cari.* \**She bought iti with the royalties from her novel.*

[12] i *Every first-year student has to learn two languages.*

ii *Some students have a boyfriend.*

iii *Most people got the salary they deserved.*

iv *Each of them wants to marry a film-star.*

[13] i *The president has been assassinated three times.* [repeated multiple situation]

ii *The police are getting younger.* [serial multiple situation]

iii *I usually have lunch with a colleague.* [ambiguous]

[14] i a. *Lions are ferocious beasts.* b. *Italians like pasta.*

ii a. *A lion is a ferocious beast.* b. *An Italian likes pasta.*

iii a. *The lion is a ferocious beast.* b. *The Italians like pasta.*

[15] *Lions* / \**A lion* / *The lion* *will soon be extinct in this part of Africa.*

[16] *Liz has* [*all the aplomb of a trained diplomat*]*.*

[17] i a. *The African elephant will soon be extinct.* ) [singular]

b. *The invention of the hydrogen bomb was the next step.* )

c. *This chapter describes the English noun phrase.* )

d. *The human brain has fascinated me ever since I was a child.* )

e. *Mary is an expert on the French madrigal.* )

ii a. *We studied the Hittites in the final year.* ) [plural]

b. *The Greeks defeated the Persians at Issus.* )

[18] i *Wolfgang can play the piano* / *the violin* / *the drums.* [musical instruments]

ii *Hilda can dance the waltz* / *the rumba.* [dances]

iii *I have* (*the*) *flu* / (*the*) *measles* / (*the*) *mumps* / (*the*) *chicken pox.* [illnesses]

iv *I listened to the radio* / *spoke to her on the telephone.* [transfer of information]

v *We took*/*caught the bus* / *the train* / *the boat.* [transport]

vi *I take my nap in the morning.* [times]

[19] i *Henry became treasurer.*

ii *As treasurer, I strongly support this proposal.*

iii *The role of* *treasurer will fall to Henry.*

[20] i *Ed is in hospital* / *went to school* / *went off stage.* [activities linked to locations]

ii *They are out of place* / *off target* / *on call.* [indications of status]

iii *We went by* *bicycle* / *communicate by email.* [transport and media]

iv *We had lunch on the terrace.* [meals]

v *at dawn*, *by daybreak*, *before sunrise* [times]

vi *arm in arm*, *back to back*, *day after day*, *mouthful by mouthful* [repeated nouns]

vii *from father to son*, *between husband and wife*, *from east to west* [matched nouns]

[1] i *Where are the sausages? Did you buy* [*some*] *yesterday?* [determiner-head]

ii *The first candidate performed well, but* [*the second*] *did not.* [modifier-head]

[2] i *Did you buy* [*some sausages*] *yesterday?* [dependent use]

ii *Did you buy* [*some*] *yesterday?* (from [1i]) [independent use]

[3] i dependent *my your her our their no*

ii independent *mine yours hers ours theirs none*

[4] i *Kim's car had broken down and* [*mine*] *had too.* [determiner-head]

ii *Don't touch that: it's* [*mine*]*.* [(pure) head]

iii *They made several mistakes, but* [*none*] *were serious.* [determiner-head]

[5] i *While Kim had lots of books, Pat had* [*very few*]*.* [simple]

ii [*Few of her friends*] *knew she was ill.* [explicitly partitive]

iii *We made numerous suggestions but* [*few*] *were taken up.* [implicitly partitive]

iv [*Few*] *would have expected it to turn out so well.* [special]

[6] i a. *some of the books* b. *all of them* [plural]

ii a. *some of the meat* b. *all of it* [non-count singular]

iii a. *some of the morning* b. *all of it* [count singular]

[7] a. NP b. NP c. NP

Head: Head: Det: Head:

Nom Nom: D Nom

Det-Head Comp: Det-Head: Mod: Mod-Head:

D PP D Clauserel Adj

*few of her friends someone I know the second*

[8] i a. *What books did he give Kim, and what did he give Pat?*

b. *We students will leave first, you follow as soon as you can.*

ii a. \*[*What of these books*] *have you read?*

b. \*[*You of the team*] *have let the rest of us down.*

[9] i a. *Alice's performances were better than* [*those*/\**the of Helen*]*.* [count plural]

b.  *Alice's performance was better than* [*that*/\**the of Helen*]*.* [count singular]

c. *Alice's cooking was better than* [*that*/\**the of Helen*]*.* [non-count]

ii *I haven/t got a pen: can you lend me* [*one*/\**a*]*?* [count singular]

[10] i *He received over a hundred letters and replied to* [*every one* / \**every* (*of them*)]*.*

ii [*Every one* / \**Every of the apples*] *was rotten.*

[11] i *I found some old letters in the attic;* [*certain of them*] *dealt with political issues.*

ii *They had borrowed two videos but there wasn't time to watch* [*either* (*of them*)]*.*

iii *We used to have two spare keys, but* [*both* (*of them*)] *have disappeared.*

[12] i \*[*Those of the accidents*] *are discussed in greater detail in Chapter 7.*

ii [*Those of the above accidents which involve special circumstances or matters of particular medical interest*] *are discussed in greater detail in Chapter 7.*

iii [*Those of you with a train to catch*] *had better leave now.*

[13] i *Her parents both felt she had been exploited.*

ii *They had none of them intended to cause so much ill will.*

[14] i [*Those who break the rules*] *must expect to be punished.*

ii [*Few*] *would quarrel with that assessment.*

[15] i [*Not much* / *Little*] *has happened while you've been away.*

ii *You said* [*enough to convince me I was wrong*]*.*

[16] i [*This*] *doesn't look like Jill's writing.*

ii *The rules allow 16-year-olds to buy alcohol, but* [*that*] *is going to change.*

iii *What's* [*all this I hear about a move to sack the chief executive*]*?*

iv *The banquet costs $50, but you could get a decent meal for* [*half that*]*.*

[17] i *That sausage has only 25% meat, but* [*this*] *has 90%.*

ii *This model is more suitable than* [*that*]*.*

or in the case of *that* only in examples like [9iiiii]. The construction of [17], however, is somewhat less likely than one with pro-nominal *one* (*this one*, *that one*), and is not normally used with human antecedents (\**I prefer the previous candidate to this*). The singular demonstratives in head position thus fall predominantly in the special interpretation category.

[18] i *Ed isn't* [*much of a husband*]*.*

ii *It turned out to be* [*more*/*less of a problem than we'd expected*]*.*

[19] i *There's a party at* [*Kim's*] *tonight.*

ii *I'd better take you to* [*the doctor's*]*.*

[20] i \**Because the existing bridge is too narrow, we will have to build* [*a new*]*.*

ii \**The retreating troops were captured, but* [*the advancing*] *managed to escape.*

iii \**Bill likes the linguistics lecturer, but I prefer* [*the sociology*]*.*

[21] i *This copy is defective but* [*the other two*] *are fine.*

ii *I've corrected most of the mistakes but* [*these few here*] *are still to be done.*

iii *I didn't like it myself, but I respect the views of* [*the many who did*]*.*

[22] i  *I went up that skyscraper in Boston, but* [*the tallest*] *is in Chicago.*

ii *There are two sisters, but* [*the elder*] *is already married.*

iii \**Hugo has a big house, but Karl has* [*a bigger*]*.*

[23] i *George was at* [*his most obstructive*]*.*

ii *They invited Watson and Gates, but as usual* [*the latter*] *was unable to come.*

[24] i *The first student wanted to take linguistics, but* [*the second*] *did not.*

ii *I wanted to catch the next train, because* [*the last*] *will be too late.*

iii *After having a first child, I didn't want* [*a second*]*.*

[25] i *Henrietta likes red shirts, and I like* [*blue*]*.*

ii *Knut wanted the purple wallpaper, but I wanted* [*the mauve*]*.*

iii *Henrietta likes Russian vodka, and I like* [*Polish*]*.*

iv *Knut wanted the French caterers, but I wanted* [*the Italian*]*.*

v *I prefer cotton shirts to* [*nylon*]*.*

vi *Knut likes malt whisky, but I prefer* [*blended*]*.*

[26] i ?*Harvey bought a red shirt and I bought* [*a blue*]*.*

ii ?*I bought some Chinese food rather than* [*some Indian*]*.*

iii ?*I bought a cotton shirt rather than* [*a nylon*]*.*

[27] i *Lucie likes young dogs, but I prefer* [*old*]*.*

ii *Lucie likes big dogs, but I prefer* [*small*]*.*

[28] i ?*Lucie likes smooth-coated dogs, but I prefer* [*shaggy*]*.*

ii \**Lucie likes friendly dogs, but I prefer* [*aggressive*]*.*

[29] i [*The French*] *do these differently from* [*the Dutch*]*.*

ii [*The rich*] *cannot enter the kingdom of Heaven.*

iii *How will the new system affect* [*the very poor*]*?*

iv *We are going to attempt* [*the utterly impossible*]*.*

v *This is verging on* [*the immoral*]*.*

vi *They like to swim in* [*the nude*]*.*

[30] *Kim is* [*an intellectual*]*.* [determiner + head]

[31] i *I earn half the amount Bill does, and Mary earns* [*two thirds*]*.*

ii *I earn three times the amount Bill does, and Mary earns* [*double*/*half*]*.*

iii ?*I earn three times the amount Bill does, and Mary earns* [*twice*]*.*

[32] i *Both*/*All these issues were ignored in the first draft, but* [*both*/*all*] *are now adequately covered.*

ii *Two judges had given both*/*all the competitors a grade of B+, but one had given* [*both*/?*all*] *an A.*

[33] i *There are a dozen applications and* [*several*] *look quite promising.* [pronoun]

ii *There were two pieces left and Kim, as always, chose* [*the larger*]*.* [ellipsis]

[34] dependent use independent use

i a. *not much cheese* b. *not much of the cheese*

ii a. *very little cheese* b. *very little of the cheese*

iii a. *almost enough cheese* b. *almost enough of the cheese*

[35] i *many of us two of the windows much of it*  *all of the meat*

ii *the rich the very poor the immoral the utterly impossible*

[36] i *Alice performed the Schubert and* [*Helen \_\_ the Rachmaninov*]*.* [clause]

ii *Alice's performance of the Schubert and* [*Helen's of the Rachmaninov*] [NP]

[37] i a. \**Alice performed the Schubert immediately after* [*Helen \_\_ the Rachmaninov*]*.*

b. *Alice's performance of the Schubert took place immediately after* [*Helen's* *of the Rachmaninov*]*.*

ii a. *Alice attempted to play the Schubert and* [*Helen \_\_ the Rachmaninov*]*.*

b. \**Alice's attempt to play the Schubert and* [*Helen's the Rachmaninov*]

[38] i a. *The shirt is made of* [*nylon*]*.* [noun as head]

b. *He was wearing* [*a nylon shirt*]*.* [noun as modifier]

ii a. [*Many people*] *would agree with you.* [determinative as determiner]

b. [*Many*] *would agree with you.* [determinative as head]

[39] i *I prefer cotton shirts to* [*nylon*]*.* (=[25v])

ii *I earn three times the amount Bill does, and Mary earns* [*double*]*.* (=[31ii])

[40] determinative pronoun

i a. [*What boy*] *could resist such an offer?* b. [*What*] *happened?*

ii a. *It may be free, in* [*which case*] *I'll go.* b. *I need a job* [*which*] *pays well.*

iii a. [*We*/*You Irish*] *will have his support.* b. [*We*/*You*] *will have his support.*

[41] i *everybody somebody anybody nobody*

ii *everyone someone anyone no one*

iii *everything something anything nothing*

iv *everywhere somewhere anywhere nowhere*

[42] i [*No sensible ideas*] / [*Nothing sensible*] *will emerge from the meeting.*

ii *I don't want* [*a gold watch*] / [*anything* *gold*] *for my anniversary*

[43] i [*No sensible new ideas*] / \*[*Nothing sensible* *new*] *will emerge from the meeting.*

ii *I don't want* [*an expensive gold watch*] / \*[*anything* *expensive* *gold*] *for my anniversary.*

[44] i *It was something of a surprise that he wasn't sacked on the spot.*

ii *She's something of an actor.*

[45] i a. [*Not every*] *supervisor* *would agree.* b. [*Not everyone*] *would agree.*

ii a. *They did* [*hardly any*] *work.* b. *They did* [*hardly anything*]*.*

[46] i *You say she's* [*a friend of Bill's*]*, but I think she's* [*a relation \_\_*] *.*

ii [*An article on this topic*] *is more likely to be accepted than* [*a book \_\_*]*.*

[47] i *I didn't see any of the movies, but Lucille saw* [*some \_\_*]*.*

ii *A great many people saw the play and* [*the majority* / *almost all \_\_*] *enjoyed it.*

[1] i *I love you.* [deictic pronouns]

ii *Tell Maryi I want to see heri.* [anaphoric pronoun]

[2] Person Number Gender Non-reflexive Reflexive

nominative accusative genitive plain

plain dependent independent

[3] i *One shouldn't take oneself too seriously.* [reflexive form]

ii *One can't be too careful in these matters, can one?* [subject of tag]

[4] i %*What is one to do when he is treated like this?*

ii %*One should do their best to ensure that such disputes are resolved amicably.*

[5] i *There is an obvious solution to this problem, isn't there?*

ii *I believe there to be no obvious solution to this problem.*

[6] i a. *They've invited us all.* b. *It's an insult to us both.*

ii a. *She likes you all.* b. *I'm counting on you both to help.*

iii a. *This applies to them all.* b. *I expect them both to take part.*

[7] i a. *We all*/*both enjoyed it.* b. *We had all*/*both enjoyed it.*

ii a. *You each qualify for a prize.* b. *You will each qualify for a prize.*

iii a. *They all five of them complained.* b. *They are all five of them complaining.*

[8] i *The children gave each other* / *one another a present.*

ii *Kim and Pat met each other's* / *one another's parents only four years later.*

[9] non-personal personal

Plain Genitive Nominative Accusative Genitive

interrogative ) *what* ) *who whom whose*

fused relative ) )

other relative  *which whose* )

[10] non-personal personal

i interrogative *What did he want? Who did you see?*

ii fused relative *Take* [*what you want*]*.* *Marry* [*who you want*]*.*

iii other relative *the car* [*which came first*] *the boy* [*who came first*]

[11] i A: *I bought a new car.* B: *You bought a what?* ) [common nouns,

ii A: *Which operas do you like?* B: *The ones by Mozart.* ) not pronouns]

iii A: *Which books did you need?* B: *The three others.* )

[12] i *Lucky you! No one noticed you had gone home early.*

ii *They decided it would have to be done by poor old me.*

[13] i *Who do you know who would wear a hat like that?*

ii *Whatever they have that has a Paris label is bound to fetch a higher price.*

[14] i *I*/*We who have read the report know that the allegations are quite unfounded.*

ii *He who controls testosterone controls the sexual universe.*

[1] modifier in DP modifier in NP

i a. [*Not many*] *people saw her leave.* b. [*Not a single person*] *saw her leave.*

ii a. [*Almost all*] *copies were lost.* b. [*Almost the whole batch*] *was lost.*

iii a. [*At least ten*] *people were killed.* b. [*At least an hour*] *was wasted.*

[2] i *The platoon contained* [*approximately twenty*] *soldiers.*

ii [*Almost no*] *seats were taken.*

iii *We have* [*exactly*/*hardly enough*] *fuel to get us home.*

[3] i *He hasn't* [*very much*] *patience.*

ii *They gave us* [*too little*] *time for discussion.*

[4] i *We have* [*marginally enough*] *material to finish the job.*

ii *There are* [*fully twenty*] *unanswered letters in your in-tray*.

iii [*Absolutely all*] *his friends had deserted him.*

[5] i [*More*/*Less*/*Fewer than twenty*] *people came to the meeting.*[[2]](#footnote-2)

ii [*Considerably* / *A lot more than fifty*] *protesters were arrested.*

iii *You can have* [*no* / *a little more*] *money.*

[6] i [*More than one*] *glass was broken.*

ii [*One more*] *application has been received* (*than we had expected*)*.*

[7] i *We have* [*at least enough*] *fuel to get to Woking.*

ii [*At the very most twenty*] *people will agree to help.*

[8] i [*Few, if any,*] *guests will arrive on time.*

ii [*All but*/*except a few*] *helicopters have crashed.*

iii [*One in ten*] *students take drugs.*

iv *There's room for* [*ninety thousand minus a few hundred*] *spectators.*

[1] i *She had lost* [*all her money*]*.* [universal quantifier]

ii *He had eaten* [*half a bar of chocolate*]*.* [fraction]

iii *They wanted to charge us* [*twice the amount they had quoted*]*.* [multiplier]

iv [*How serious a problem*] *is it?* [adjectival]

[2] i *all the books/sugar*/*morning*, *all these books*, *all that work*, *all Kim's friends*

ii *both the houses*, *both these animals*, *both those cups*, *both my parents*

[3] i *John had already wasted* [*half his share of the legacy*]*.*

ii *He had to sell his shares for* [*exactly one half the amount he paid for them*]*.*

iii *It only took* [*a quarter* / *one third* / *two fifths the time I thought it would*]*.*

[4] i *She earns* [*two*/*three*/*four times the salary I earn*]*.*

ii *Kim won $10,000, but Pat won* [*twice*/*thrice that*]*.*

iii *We've had* [*double*/*triple*/*quadruple the number of applications I had expected*]*.*

[5] external modifier internal modifier

i a. *It was* [*such a disaster*]*.* b. *She had shown* [*such promise*]*.*

ii a. [*What a disaster*] *it was!* b. [*What promise*] *she had shown!*

[6] i a. *It's* [*as fine a show as I've seen*]*.* b. \**They're* [*as fine shows as I've seen*]*.*

ii a. *It's* [*so good a bargain I can't*  b. \**They're* [*so good bargains I can't*

*resist buying it*]*. resist buying them*]*.*

iii a. [*How serious a problem*] *is it?* b. \*[*How serious problems*] *are they?*

[7] a. *This is* [*more serious a problem than* b. *This is* [*a more serious problem than*

*the other*]*. the other*]*.*

[8] i *Even if I had* [*double all the money he has*]*, I*  [multiplier + univ quantifier]

*wouldn't be able to afford that house.*

ii *Give me* [*even three times one thousandth the amount* [multiplier + fraction]

*you win on the lottery*]*, and I will be very happy.*

iii *If I had* [*even half such a brain as you do*]*, I'd*  [fraction + adjective]

*be prime minister by now.*

[1] *Possibly*(*,*) *the best actress in the world will take the role of Emma.*

[2] i [*Possibly, the role of Emma will be taken by the best actress in the world*]*.*

ii *The role of Emma will be taken by* [*possibly the best actress in the world*]*.*

[3] i [*Only the corner of the painting*] *had been damaged.*

ii [*Jill alone*] *has the authority to sign cheques.*

iii *He wasn't familiar with* [*even the broad outlines of the proposal*]*.*

iv *We specialise in* [*principally the following three areas*]*.*

v [*The bottom drawer too*] *needs some attention.*

[4] i *We were faced by* [*easily the worst situation we had ever seen*]*.*

ii *Kim had come to* [*almost the same conclusion as us*]*.*

iii *After* [*hardly a moment's hesitation*] *he agreed to all their demands.*

iv [*Not the least of my worries*] *is that my hearing is deteriorating.*

v *I'd asked him not to make a fuss, but he was doing* [*exactly that*]*.*

[5] i *With* [*invariably the most unconvincing explanations*]*, he would attempt to excuse his erratic behaviour.*

ii *I'd rate this as* [*architecturally the most impressive building in the city*]*.*

iii *After* [*possibly the worst performance of his career*]*, he was booed off the stage.*

iv *With* [*unfortunately very limited qualifications*]*, he has little prospect of getting a job.*

[6] i *She is* [*every inch a philosopher*]*.*

ii *The sweater is* [*all wool*]*.*

[7] [*The manager herself*] *had approved the proposal.*

[8] i *Make sure you invite* [*Jill herself too*]*.*

ii [*Even merely a formal apology*] *would be acceptable.*

iii *After* [*financially certainly the worst crisis this decade*]*, the emerging economies will take some time to recover.*

[1] pre-head post-head

i a. *a* [*linguistics student*] b. *a* [*report on the crash*] [complement]

ii a. *a* [*first-year student*] b. *a* [*report in the paper*] [modifier]

[2] i a. *a flower seller* b. *an income tax adviser* [nominal]

ii a. *a legal adviser* b. *an ecological expert* [adjective]

[3] i *the journey to Rome* / *back* [PP]

ii *the rumour that the city had been captured* [declarative content clause]

iii *the question whether they were guilty* [interrogative content clause]

iv *the question `Is God dead?'* [main clause]

v *the decision to abandon the project* [*to*-infinitival clause]

[4] clause NP

i a. *Muriel rejected the plan.* b. *Muriels rejection of the plan.*

ii a. *The school banned alcohol.* b. *the schools ban on alcohol*

iii a. *Fiona relies on public support*. b. *Fionas reliance on public support*

[5] i a. ?*I prefer the poems of Goethe to the ones of Schiller.* ) [complements]

b. ?*I've got the key to the filing-cabinet but not the one to the safe.* )

c. ?*I've told my history tutor, but I can't find my French one.* )

ii a. *I prefer the poems in Part I to the ones in Part II.* ) [modifiers]

b. *This key is identical to the one in the door.* )

c. *I don't want a British nanny: I want a French one.* )

[6] i a. *I support the ban on smoking, but not the one on alcohol.*

ii a. *The proof of Pythagorass theorem is more clearly formulated than the one of Parsevals equality.*

[7] i *the dirtiness of the water* [o has non-human property h]

ii *the younger sister of Mary* [o has kin relation h]

iii *the anger of the older staff* [o has feeling h]

iv *the writing of the book* [o is result of h]

v *the rays of the sun* [o is natural source of h]

vi *the spire of the cathedral* [o has inherent part h]

vii *the most expensive car of the man who lives next door* [o is owner of h]

viii *her nitwit of a husband* [o is predicand of h]

[8] i *a larger galaxy than initial measurements suggested* [*than* PP]

ii [*so great*] *a loss that we're likely to go bankrupt.* [declarative content clause]

iii [*too dangerous*] *a proposal for parliament to accept* [infinitival]

[9] i a. *another three days* b. *the barely forty students present* [DP]

ii a. *his wry attitude* b. *many very angry farmers* [AdjP]

iii a. *the defeated army* b. *her recently published article* ) [VP]

iv a. *the gleaming showroom* b. *three steadily melting marshmallows* )

v a. *its entertainment value* b. *those Egyptian cotton shirts* ) [nominal]

vi a. *a dogs' home* b. *a young children's edition* )

[10] i *my do-it-yourself skills*, *the buy-me glitter of the duty-free shop*

ii *a no-frills airline*, *a no-fuzzy-edge guarantee*, *an all-or-nothing approach*

iii *huge floor-to-ceiling windows*, *the custard-pie-in-your-face front cover*

[11] *a*/*one day more* *two days* [*less than we had expected*] *money enough*

[12] i *the only person suitable*, *years past*, *proof positive*, *matters financial*, *all things French*

ii *the people present*, *the cars involved*, *the students concerned*, *the city proper*

iii *the heir apparent*, *the attorney general*, *the body politic*, *the president elect*, *the devil incarnate*, *the poet laureate*, *a court martial*, *a notary public*.

iv *the house* [*currently ablaze*], *all people* [*now alive*], *the ones asleep*

[13] *a man my age*, *shoes this size*, *the results last year*, *houses this side of the lake*

[14] i *a woman* [*of great wisdom*], *a school* [*of this type*], *the man* [*with black hair*], *the church* [*near the river*], *friends* [*from Boston*], *Jill's career* [*as a journalist*]

ii *the temperature* [*outside*], *the floor* [*below*], *the year* [*before*]

iii *his behaviour* [*after his wife left him*], *the car* [*as we know it today*]

[15] i *Where's* [*the book I lent you*]*?* [relative]

ii *Kim is* [*the person to do the job*]*.* [infinitival]

iii [*People living near the site*] *will be seriously disavantaged.* [gerund-participial]

iv *She came across* [*some letters written by her grandmother*]*.* [past-participial]

[16] i *some* [*blue cotton blankets*]

ii *the* [*star on the horizon with the reddish tint*]

iii *the* [*gleaming star on the horizon*]

[17] i *some* [*Egyptian cotton shirts*]

ii *an* [*interesting and very promising proposal*]

iii *the* [*award of the contract to the other firm*]

[18] i a. *She sang in* [*the opera `Carmen'*]*.* b. *She sang in `Carmen'.*

ii a. *It was founded in* [*the year 1850*]*.* b. *It was founded in 1850.*

iii a. [*The verb `use'*] *is transitive.* b. *`Use' is transitive.*

[19] *This is* [*my husband George*]*.* [non-restrictive integrated appositive]

[20] i [*The suggestion that they cheated*] *was quite outrageous.* ) [complement]

ii *They omitted to mention* [*the fact that he is insolvent*]*.* )

[21] i a. *She was born in* [*the month of May*]*.* b. *She was born in May.*

ii a. *It took place in* [*the city of Berlin*]*.* b. *It took place in Berlin.*

[22] i a. *some new cars*  b. *two London colleges*  [composite nominals]

ii a. *some shortbread* b. *two ice-creams*  [compound nouns]

[23] i a. [*new and used*] *cars* b. *various* [*London and Oxford*] *colleges*

ii a. *new* [*buses and cars*] b. *various London* [*schools and colleges*]

iii a. [*four new and two used*] *cars* b. [*two London and four Oxford*] *colleges*

iv a. *two* [*reasonably new*] *cars* b. *two* [*south London*] *colleges*

v a. *two new* [*diesel-driven cars*] b. *two London* [*theological colleges*]

[24] i a. \*[*ice- and custard-*] *creams* b. *ice-creams and custard-creams*

ii a. \**ice-*[*lollies and creams*] b. *ice-lollies and ice-creams*

iii a. \*[*two ice- and ten custard-*]*creams* b. *two ice-creams and ten custard-creams*

iv a. \*[*crushed ice-*]*cream* b. *cream made of crushed ice*

v a. \**ice-*[*Italian cream*] b. *Italian ice-cream*

[25] i a. *blackcurrant sorbet* (composition: sorbet made of blackcurrants) ) [modifier]

b. *cooking apple* (purpose: apple for cooking) )

c. *gas cooker* (instrument: cooker using gas) )

ii a. *television screen* (inherent part: screen of a television) ) [complement]

b. *microfilm reader* (theme: device for reading microfilms) )

[26] i a. *I'd like* [*a blackcurrant and passion-fruit sorbet*]*, please.*

b. *We sell* [*both cooking and eating apples*]*.*

c. *You can use* [*a gas or electric cooker*], *it doesn't matter.*

ii a. [*Television and computer screens*] *have different resolutions.*

b. [*Microfilm and microfiche* *readers*] *are not the same.*

[27] i *sunrise* *sunset* \*[*The sunrise and set*] *were both magnificent.*

ii *backache* *toothache* \**I'm suffering from* [*back and toothache*]*.*

iii *teardrop* *raindrop* \**Her face was a sea of* [*tear and raindrops*].

iv *swimwear* *sportswear* \**This is* [*a swim and sportswear shop*].

v *blackbird* *bluebird* \**There are* [*both black and bluebirds*] *in the area.*

[28] i stress: the composite nominal has primary stress on the second element (*black* *bird*), while the compound has it on the first (*blackbird*).

ii orthography: the composite nominal is written as two orthographic words, the compound as one.

iii meaning: while the meaning of the composite nominal is straightforwardly predictable from the component parts, that of the compound is not it is specialised, denoting a particular species.

iv productivity: in the composite nominal the dependent can be replaced by any other adjective that is semantically compatible with the head, whereas there is a quite limited number of compounds with the form Adj + *bird*.

[1] i *I want to buy* [*a large black sofa*] */* ?[*a black large sofa*].

ii *I want to buy a* [*black large sofa*], *not those other colours of large sofa you insist on showing me.*

[2] Pre-head Pre-head Pre-head Post-head Post-head

external Determiner internal Head internal external

modifiers modifiers complement dependents modifiers

[3] *all those grossly over-rewarded financial advisers in the city too*

[4] Peripheral external modifiers Predeterminer external modifiers

[5] i *even* *all the shareholders* [peripheral (focusing) + predeterminer]

ii *financially* *such a mess* [peripheral (domain) + predeterminer]

[6] Early pre-head modifiers > Residual pre-head modifiers

[7] i *the two* *vital reports* [determinative + residual]

ii *the largest* *unsupported structure* [superlative + residual]

iii *the second* *unsuccessful attempt* [ordinal + residual]

iv *the key* *new proposal* [primacy + residual]

[8] i a. *the two largest buildings* b. *the largest two buildings*

ii a. *the second brightest child* b. *the brightest second child*

iii a. *the key second proposal* b. *the second key proposal*

[9] i *a seemingly interminable two hours* [residual + determinative]

ii *their woefully spoilt youngest child* [residual + superlative]

iii *an unsuccessful second attempt* [residual + ordinal]

iv *her highly influential key address* [residual + primacy]

[10] evaluative > general property > age > colour > origin > manufacture > type

[11] *an* [*attractive tight-fitting brand-new pink Italian lycra women's*] *swimsuit*

[12] i Light post-head complements > Post-head modifiers

ii Light dependents > Heavy dependents

[13] i a. *the attack on the prime minister in the tabloid press*

b. ?*the attack in the tabloid press on the prime minister*

iii a. *the rumour in the tabloid press that income tax would be halved*

b. ?*the rumour that income tax would be halved in the tabloid press*

v a. *the rumour that income tax would be halved which was published in The Times*

b. *the rumour which was published in The Times that income tax would be halved*

[14] i Immediate post-head dependents Residual post-head dependents

ii *else* Restrictors Residual post-head dependents

[15] i a. *a trip abroad to Paris* b. \**a trip to Paris abroad*

ii a. *the opera Carmen by Bizet* b. \**the opera by Bizet Carmen*

iii a. *the body politic of France* b. \**the body of France politic*

[16] i a. *something highly original by Bach* b. \**something by Bach highly original*

ii a. *little else significant by Schubert* b. \**little significant else by Schubert*

[17] Emphatic reflexives Focusing modifiers

[18] a. *the author herself too* b. \**the author too herself*

[19] i *the one man alone who can help you on this*

ii *the possibility too that the prisoners would be released*

[1] function of NP case of pronoun

i *I slept soundly.* subject of clause nominative

ii *Please help me.* object of clause accusative

iii *Where is my bag?* subj-det of NP genitive

[2] function of NP case of noun

i [*The doctor*] *slept soundly.* subject of clause plain

ii *Please help* [*the doctor*]*.* object of clause plain

iii [*the doctor's*] *bag* subj-det of NP genitive

[3] i *We took him to the zoo.* [direct object; accusative case]

ii *We showed him the animals.* [indirect object; accusative case]

[4] a. *I gave the money to Kim.* b. *the father of the bride*

[5] i *Where shall I park my car?* [dependent]

ii *Jill's car is in the carport: where shall I park mine?* [independent]

[6] nominative accusative genitive

plain **Dependent Independent**

personal

*we us our ours*

*you your yours*

*he him his*

*she her her hers*

*they them their theirs*

interrogative/relative

*who whom whose*

[7] nominative accusative

i a. *I made up some new curtains.* b. \**Me made up some new curtains.*

ii a. *Did we see that movie or not?* b. \**Did us see that movie or not?*

iii a. *We saw that movie, didn't we?* b. \**We saw that movie, didn't us?*

iv a. *I think he is mad.* b. \**I think him is mad.*

[8] i *We anarchists almost toppled the militarist-industrial-financial Establishment.*

ii *Perhaps this is why we all taunted and teased him, because he was different and us kids don't like anything different.*

[9] i a. *It is I who love you.* b. *It's me who loves you.*

ii a. *It is I she loves.* b. *It's me she loves.*

iii a. *Yes, it is she!* b. *Yes, it's her!*

iv a. *This is he* / *These are they.* b. *This is him* / *These are them.*

v a. ?*The only one who objected was I.* b. *The only one who objected was me.*

vi a. \**This one here is I at the age of 12.* b. *This one here is me at the age of 12.*

[10] i *We were in Greville's office, I sitting in his swivel chair behind the vast expanse of desk, Annette sorting yesterday's roughly heaped higgledy-piggledy papers back into the drawers and files that had earlier contained them.*

ii *He could think of a few himself, I expect, him being so much in the business already*.

[11] i a. *She is older than he.* b. *She is older than him.*

ii a. *She went to the same school as I.* b. *She went to the same school as me.*

iii a. *I've not met a nicer couple than they.* b. *I've not met a nicer couple than*

*them.*

iv a. \**It affected the others more than I.* b. *It affected the others more than me.*

v a. \**She is older than we both*/*all.* b. *She is older than us both*/*all.*

[12] i a. *He was morose, she full of life.*  b. *He was morose, her full of life.*

ii a. *What, he a republican?* b. *What, him a republican?*

[13] *I knew people thought ours an unlikely alliance, I neat and quiet, he restless and flamboyant.*

[14] i a. *Gary took the call, not I.* b. *Gary took the call, not me.*

ii a. A: *Who ordered a taxi?* B: ?*I.* b. A: *Who ordered a taxi?* B: *Me.*

iii a. A: *I'm going home.* B: \**I too.* b. A: *I'm going home.* B: *Me too.*

[15] i a. *Nobody but she can do it.* b. *Nobody but her can do it*

ii a. \**I trust nobody but she.* b. *I trust nobody but her.*

iii a. \**Nobody can do it but she.* b. *Nobody can do it but her.*

[16] i *We set off again, the Rover going precariously slowly in very low gear up hills, with me staying on its tail in case it petered out altogether.*

ii *With me out of the way, there would be no one to curb his excesses.*

[17] i a. *The police arrested him on Friday.* b. \**The police arrested he on Friday.*

ii a. *She handed me the tapes.* b. \**She handed I the tapes.*

iii a. *Pamela was standing near me.* b. \**Pamela was standing near I.*

iv a. *For him to go alone would be risky.* b. \**For he to go alone would be risky.*

[18] i *Me, I wouldn't trust him further than I could throw him.*

ii *I don't much care for it, me.*

[19] i A: *Who is there who could help?* B: *Well, there's always me*/\**I, I suppose*

ii A: *Don't forget Liz.* B: *Yes, there's certainly her*/\**she to consider.*

[20] i *Nobody asked us workers how we felt about it.*

ii %*The real work of universities ... is now being made increasingly difficult for we workers.*

iii %*What a delightful invitation, for we workers to submit something to your splendid publication.*

[21] i *At 4 pm this afternoon my ministers and I**formally took office.*

ii *He and Luckman were sentenced to life imprisonment.*

iii *He and I have some of our biggest arguments over Conservative social issues.*

iv *You know you can trust Andrea and me.*

v *I saw them and their children in the park.*

vi *There has always been pretty intense rivalry between him and me.*

[22] i a. !*Tina and me sat by the window looking down on all the twinkling lights.*

b. !*She and us are going to be good friends.*

ii a. !*Me and Larry are going to the movies.*

b. !*Him and me fixed up the wagon while the others went to town.*

[23] i a. %*The present was supposed to represent Jason and I, that was the problem.*

b. %*Any postgrad who has any concerns about working conditions or security in shared offices is welcome to approach either Ann Jones or I with them.*

c. %*It would be an opportunity for you and I to spend some time together.*

d. %*He had intended to leave at dawn, without you or I knowing anything about it.*

ii a. %*They've awarded he and his brother certificates of merit.*

b. %*There's a tendency for he and I to clash.*

[24] i %*They've invited the Smiths and we to lunch.*

ii %*Liz will be back next week, so I've asked Ed to return the key to you or she.*

[25] i *They like the same kind of music as you and we.*

ii *They like the same kind of music as you and I.*

[26] accusative nominative

i a. *Whom did you meet?* b. *Who did you meet?*

ii a. *He didn't say whom he had invited.* b. *He didn't say who he had invited.*

iii a. *those whom we consulted* b. *those who we consulted*

[27] i *A pretty young co‑ed named junko gets into the game and thus meets a youngster with whom she has an affair.*

ii *The next musician whom I got to know well was a much younger man whom I have already mentioned, Sidney Lewis.*

iii *He double‑crosses the five pals with whom he lives, cheats a waitress (Juliet Prowse) and cynically uses a magazine editress (Martha Hyer) to get ahead.*

iv *Jeffrey had grown a beard and was associating with a scruffy crowd of radicals, many of whom were not even British.*

v *Hugh wasn't impressed with this ingratiating barman whom Roddy had raked up.*

vi *These include the deros of the inner urban areas and most of the abos, most of whom haven't got a skerrick, and spend most of what little they have on the terps getting rotten.*

[28] i a. \**Whom wrote the editorial?* b. *Who wrote the editorial?*

ii a. \**the man whom came to dinner* b. *the man who came to dinner*

iii a. \**Whom could it be?* b. *Who could it be?*

[29] a. *Who is going to marry whom?* b. *Who is going to marry who?*

[30] *Award-winning journalist Nelson Keece (Gary Busey) is coldly detached from his chosen subject, serial killer Stefan (Arnold Vosloo), whom he catches in the act of murder*.

[31] i a. *Whom are you referring to?* b. *Who are you referring to?*

ii a. *someone whom we can rely on* b. *someone who we can rely on*

[32] i *Nobody cares to guess how many votes he may get, nor whom he is most likely* *to take them from.*

ii *The first royalty whom mama ever waited on in the White House was Queen Marie of Rumania, ...*

iii *And that's the man whom you've been eating your heart out over?*

[33] i a. *To whom are you referring?* b. \**To who are you referring?*

ii a. *someone on whom we can rely* b. \**someone on who we can rely*

[34] i A: *Do you really care about them?* B: *Care about who?*

ii *Who said what to who?*

[35] i *Her whole life centred around her six surviving daughters, one son, and nine grandchildren, of whom I was the youngest.*

ii *There were many in the colony for whom a resumption of the transport system meant a supply of cheap labour.*

[36] *Since the earliest days of Australian sports coverage the issues have been, more subconsciously than consciously, what should be reported, by whom, for whom, to what purpose and in what form.*

[37] a. %*those whom he thought were guilty* b. *those who he thought were guilty*

[38] i a. \**Whom do you think will win?* b. *Who do you think will win?*

ii a. ?*I told her whom you think took it.* b. *I told her who you think took it.*

[39] i *A man with a large waxed moustache and a mop of curly damp hair, whom Hal thought might be his uncle Fred, said, `That's a fine bird you're carving, Bert.'*

ii *It turns out that the woman, whom the police have asked not be identified, was a talented pianist and an unpublished writer.*

[40] i ***Who*** is subject of a finite content clause.

ii ***Who*** is in pre-subject (pre-nuclear) position in the relative clause.

[41] i [*Kim's father*] *has arrived.* [I: subject-determiner]

ii *No one objected to* [*Kim's joining the party.*] [II: subject of gerund-participial]

iii *Max's attempt wasn't as good as* [*Kim's*] *.* [III: fused subject-determiner-head]

iv *She's* [*a friend of Kim's*]*.* [IV: oblique genitive]

v *All this is Kim's.* [V: predicative genitive]

vi *He lives in* [*an old people's home*]*.* [VI: attributive genitive]

[42] i *Only one of Ed's attempts was successful, but* [*both Kim's*] *were.*

ii *Ed's production of `Hamlet' was more successful than* [*Kim's of `Macbeth'*]*.*

[43] a. NPPlain b. NPPlain

Subj-det: Head: Subj-det-Head:

NPGen N NPGen

*Kim's father* *Kim's*

[44] pre-head post-head: oblique

i a. \**a Kim's friend* b. *a friend of Kim's*

ii a. \**those Kim's friends* b. *those friends of Kim's*

iii a. *Kim's friend* b. \**the friend of Kim's*

iv a. ?*Kim's friend that I met in Paris* b. *the friend of Kim's that I met in Paris*

v a. *all*/*both Kim's friends* b. *all*/*both friends of Kim's*

vi a. *Kim's every move* b. *every move of Kim's*

[45] *a glorious* [*summers day*], *a* [*Sainsbury's catalogue*], *two* [*bachelor's degrees*], *a* [*womens college*], *these very expensive* [*ladies' gloves*], *an* [*all girls' school*]

[46] [*an hour's delay*], [*one week's holiday*], *this* [*hour's delay*], *a second* [*one hour's delay*], *the* [*one dollar's worth of chocolates*] *he bought*

[47] i [*My father*] *has arrived.* [I: subject-determiner]

ii *No one objected to* [*my joining the party*]*.* [II: subject of gerund-participial]

iii *Max's attempt wasn't as good as* [*mine*]*.* [III: fused subject-determiner-head]

iv *She's* [*a friend of mine*]*.* [IV: oblique genitive]

v *All this is mine.* [V: predicative genitive]

[48] i *The Guardian seems to respect its readers more than the Sun respects its.* [III]

ii \**The Bank is being sued by a rich client of its.* [IV]

iii *The council appears to be guilty of the illegal sale of houses that were not*

*its to sell in the first place.* [V]

[49] i *Whose book is that?* [I]

ii \**I wonder whose being short-listed for the job he resented most.* [II]

iii A: *My suggestion was ignored again.* B: *Whose wasn't?* [III]

iv \**I wonder a friend of whose he was.* [IV]

v *Whose could it be?* [V]

[50] i *She wrote personally to those* [*whose proposals had been accepted*]*.* [I]

ii \**He felt deeply hostile to Georgina,* [*whose informing the College of his* [II]

*escapade had caused so much trouble*]*.*

iii \**Students whose papers were marked by Jones were at a significant*

*disadvantage relative to those* [*whose were marked by Smith*]*.* [III]

iv *I was going to visit Lucy,* [*a friend of whose had told us of the accident*]*.* [IV]

v \**The police are trying to contact the person* [*whose it was*]*.* [V]

[51] a. *Kim's cousin* b. *a cousin of Kim's*

[52] a. NP b. Clause

Subj-det: Head: Subj: Head:

NP Nom NP VP

Modifier Head: Modifier Head:

Adj Nom Adv VP

Head: Comp: Head: Obj:

N PP V NP

*Mary's careful analysis of the issues Mary carefully analysed the issues*

[53] i a. *Sue analysed herself.* b. *Jill said* [*that Sue analysed herself*]*.* [clause]

ii a. *Sue's analysis of herself* b. *Jill's note on* [*Sue's analysis of herself*] [NP]

[54] i *Mary's green eyes Mary has green eyes.* [d has body part h]

ii *Mary's younger sister Mary has a younger sister.* [d has kin relation h]

iii *Mary's husband Mary has a husband*. [d has married relation h]

iv *Mary's boss Mary has a boss.* [d has superior h]

v *Mary's secretary Mary has a secretary.* [d has subordinate h]

vi *Mary's friend Mary has a friend.* [d has equal h]

vii *Mary's team Mary belongs to a team.* [d is member of h]

viii *Mary's debut Mary performs her debut.* [d is performer of h]

ix *Mary's book Mary writes a book.* [d is creator of h]

x *Mary's new house Mary owns a new house.* [d is owner of h]

xi *Mary's honour Mary is honourable.* [d has human property h]

xii *Mary's anger Mary feels angry.* [d has feeling h]

xiii *Mary's letter Mary receives a letter.* [d is recipient of h]

xiv *Mary's obituary Mary is the theme of an obituary.* [d is human topic of h]

xv *Mary's surgery Mary undergoes surgery.* [d is undergoer of h]

xvi *the room's Persian carpet The room contains a Persian carpet.* [d is location of h]

xvii *this year's new fashions This year is a time of new fashions.* [d is time of h]

xviii *the sun's rays The sun emits rays.* [d is natural source of h]

xix *the cathedral's spire The cathedral has a spire.* [d has inherent part h]

xx *the war's ancient origins The war has ancient origins.* [d has cause h]

xxi *the flood's consequences The flood has consequences.* [d has result h]

xxii *the lock's key The lock has a key.* [d has associated part h]

xxiii *the summer's heat The summer is hot.* [d has non-human property h]

[55] i a. *Jill's departure Jill departed.* ) [event

b. *Ed's destruction of the file Ed destroyed the file.* ) nominalisations]

ii a. *Max's invention Max invented something.* ) [other

b. *Edith's proposal Edith proposed something.* ) nominalisations]

c. *Nigeria's population Nigeria has a population.* )

[56] i a. *van Dyck's portrait of Charles I* [creator as subject-determiner]

b. *the portrait of Charles I by van Dyck* [creator as *by* oblique]

ii a. *the flood's consequences* [result as subject-determiner]

b. *the consequences of the flood* [result as *of* oblique]

[57] i *Alexander the Great's conquest of Persia* [subject-determiner + *of* oblique]

ii *Persia's conquest by Alexander the Great* [subject-determiner + *by* oblique]

iii *the conquest of Persia by Alexander the Great* [*of* oblique + *by* oblique]

[58] i *Alexander the Great conquered Persia.* [active]

ii *Persia was conquered by Alexander the Great.* [passive]

[59] genitive subject-determiner *of* + non-genitive

i a. *Mary's sister* b. *the sister of Mary*

ii a. *the summer's heat* b. *the heat of the summer*

[60] i \**Roman coins' collection the collection of Roman coins* [h is collection of d]

ii \**shrub's two kinds the two kinds of shrub* [h is type of d]

iii \**red wine's glass the glass of red wine* [h is quantity of d]

iv \**gold's colour the colour of gold* [h is colour of d]

v \**honour's men the men of honour* [h has human property d]

vi \**despair's cry the cry of despair* [h has source d]

vii \**unemployment's problem the problem of unemployment* [h has content d]

viii \**washed silk's dress the dress of washed silk* [h has composition d]

ix \**twelve years' girl the girl of twelve years* [h has age d]

x \**purple's veil the veil of purple* [h has colour d]

xi \**2%'s rise the rise of 2%* [h has size d]

xii \**the cross's sign* *the sign of the cross* [h has form d]

xiii \**the hay stack's painting the painting of the hay stack* [h is depiction of d]

xiv \**all battles' battle the battle of all battles* [h is supreme example of d]

[61] i a. *the city's terrible rush-hour traffic* b. *the terrible rush-hour traffic of the city*

ii a. *the creations of a relatively young* b. *a relatively young designer from*

*designer from Japan*  *Japan's creations*

[62] i *those green eyes of Mary's*  *that younger sister of Mary's*

*that husband of Mary's*  *that boss of Mary's*

*that secretary of Mary's*  *that friend of Mary's*

*that team of Mary's*  *that debut of Mary's*

*that book of Mary's*  *that new house of Mary's*

ii ?*that honour of Mary's*  ?*that anger of Mary's*

?*that letter of Mary's* \**that obituary of Mary's*

\**that spire of the cathedral's* \**that heat of the summer's*

[63] head genitive phrasal genitive

i a. [*Edward's*] *daughter* b. [*the King of England's*] *daughter*

ii a. [*everyone's*] *responsibility* b. [*everyone else's*] *responsibility*

iii a. [*somebody's*] *initiative* b. [*somebody local's*] *initiative*

iv a. [*the doctor's*] *house* b. [*a guy I know's*] *house*

[64] i a. [*the Head of Department's*] *speech*

b. ?[*the Head of the newly-formed Asian Studies Department's*] *speech*

ii a. [*the man she was speaking to's*] *reaction*

b. ?[*the man she and her companion had been complaining to's*] *reaction*

c. ?[*the man she and her companion had been complaining to so angrily's*] *reaction*

[65] i a. [*my*] *facial expression* b. [*the man opposite me's*] *facial expression*

ii a. [*my friend's*] *father* b. [*a friend of mine's*] *father*

[66] singular plural

i a. [*the duck's*] *plumage* /dks/ b. [*the ducks'*] *plumage* /dks/ \*/dksz/

ii a. [*the goose's*] *plumage* /gusz/ b. [*the geese's*] *plumage* \*/gis/ /gisz/

[67] i [*one of my students'*] *assignment* %/stjudnts/ %/stjudntsz/

ii [*one of my mice's*] *tail* \*/mas/ /masz/

[68] i [*Kim's and Pat's*] *views* [multiple marking]

ii [*Kim and Pat's*] *views* [single marking]

[69] i [*Kim's and the guy next door's*] *views* [multiple marking]

ii [*Kim and the guy next door's*] *views* [single marking]

[70] i a. [*his and her*] *views* b. [*my and her*] *views* [multiple marking]

ii a. ?[*you and Kim's*] *views* b. \*[*Kim and your*] *views* [single marking]

[71] i [*the Prime Minister's, Mr Howard's,*] *tax package* [multiple marking]

ii [*the Prime Minister, Mr Howard's*] *tax package* [single marking]

[72] i a. *The children had to make* [*their own beds*]*.* ) [restricted uses]

b. *Sue set up* [*her own marketing business*]*.* )

ii a. *Jill prefers* [*her own car*]*.* ) [general use]

b. [*Jill's own car*] *is out of service.* )

[73] i *Bill advised Fred to take his own car.*

ii *Bill offered to let Fred take his own car.*

[74] i *Your proposal is no better than my own.* [simple]

ii a. A: *Is this your father's?* B: *No, it's my own.* ) [special]

b. *I've got a car of my own.* )

c. *She is living on her own.* )

[1] i a. *un grand château* a big castle [masculine]

b. *une grande maison* a big house [feminine]

ii a. *der Garten* the garden [masculine]

b. *die Wand* the wall [feminine]

c. *das Haus* the house [neuter]

[2] i *The Kingi declared himselfi satisfied.* [masculine]

ii *The Queeni declared herselfi satisfied.* [feminine]

iii *The machinei had switched itselfi off.* [neuter]

[3] a. *The dogi. has lost hisi*/*itsi bone.* b. *Fidoi has lost hisi*/\**itsi bone.*

[4] i a. *Her babyi* *had lost itsi rattle.* b. \**Her soni* / \**Kimi had lost itsi rattle.*

[5] number person gender

i *Ii may hurt myselfi.* ) singular 1st

ii *Youi may hurt yourselfi.* ) 2nd

iii *The Kingi may hurt himselfi.* ) ) 3rd masculine

iv *The Queeni may hurt herselfi.* ) ) feminine

v *The dogi may hurt itselfi.* ) ) neuter

vi *Wei may hurt ourselvesi.* ) plural 1st

vii *Youi may hurt yourselvesi.* ) 2nd

viii *The childreni may hurt themselvesi.* ) 3rd

[6] i *The Kingi says hei will see you tomorrow.*

ii *The Kingi wants you to help himi.*

iii *We found the Kingi examining one of the recommendations of hisi advisors.*

iv *I'm looking for the Kingi. Hei sent for me this morning.*

[7] i *The Kingi says shej will see you tomorrow.*

ii *The Kingi says hej will see you tomorrow.*

[8] i \**The Kingi declared herselfi satisfied.*

ii \**The Queeni declared itselfi satisfied.*

iii \**The machinei had switched himselfi off.*

[9] i *My tutor wants to see me.*

ii *My tutori wants me to go and see heri.*

iii *My tutori wants me to go and see himi.*

[10] i *My fatheri has lost hisi watch*

ii *One womani said shei would make a formal complaint.*

iii *Have you seen my diaryi? I had iti a few minutes ago.*

[11] i *I'd like to helpi but I'm afraid iti is just not possible.*

ii *It looks as though we're going to be late.*

[12] i *This countryi* / *Englandi has no sense of heri*/*itsi place in the world.*

ii *From this map of Englandi you can see that iti*/\**shei lies north of the 50th parallel.*

iii *Englandi has won itsi*/*theiri/?heri.first victory over Australia for five years.*

[13] i *The Titanici sank on heri/itsi maiden voyage.*

ii *Iti*/*Shei is a beauty, this Ferrarii.*

[14] i *The bulli turned hisi*/*itsi head.*

ii *The cowi was lying on heri*/*itsi back.*

iii *The dogi looked as if hei*/*shei*/*iti needed a good brush.*

[15] *The babyi lost hisi*/*heri*/*itsi rattle.*

[16] single-gender ( masculine ***he*** only

( feminine ***she*** only

( neuter ***it*** only

dual-gender ( masculine/feminine ***he*** or ***she***

( masculine/neuter ***he*** or ***it***

( feminine/neuter ***she*** or ***it***

[17] *bachelor boy bridegroom chap husband king*

*man monk policeman son-in-law stepson* *widower*

[18] *actress bride girl heroine nun policewoman*

*princess queen spinster widow wife woman*

[19] *arrival beer fact finger* *garage glove*

*idea piece sincerity thing title window*

[20]  *actor atheist dwarf friend hero manager*

*narrator nurse parent person poet* *writer*

[21] *brother buck bull cock drake father*

*gander gelding he-goat ram stallion tom-cat*

[22] *boat car country cow earth hen*

*lioness mare mother she-goat ship sister*

[23] *baby blackbird child dog elephant frog*

*goat horse infant lion octopus snake*

[24] i *My tutor wants to see me.* (=[9i])

ii *I'm having lunch with a friend from College.*

iii *Someone has borrowed the Office copy of Roget's Thesaurus.*

iv *The successful candidate will be required to take up duties in January.*

v *No one in the class had noticed the mistake.*

[25] i *Everyone had cast* ( %*his* ) *vote.* [purportedly sex-neutral ***he***]

ii ( %*her* ) [purportedly sex-neutral ***she***]

iii (  *his or her* ) [disjunctive coordination]

iv (  *his/her* ) [composite]

v (  *their* ) [singular ***they***]

vi *All had cast their votes.* [avoidance]

[26] i %*A Member of Parliament should spend as much time as possible in his constituency.*

ii %*The successful candidate will be required to take up his duties in January.*

iii A:  *They're going to appoint a new manager.*

[27] *An independent counsel cannot let himself get caught up in a political process.*

[28] ?*Everyone agreed that he or she should apply him- or herself without delay to the task which he or she had been assigned.*

[29] i *The patienti should be told at the outset how much theyi will be required to pay.*

ii *A journalisti should not be forced to reveal theiri sources.*

iii *A friend of minei has asked me to go over and help themi with an assignment.*

[30] i *Everyone promised to behave themselves.*

ii %*Someone had apparently locked themself in the attic.*

[31] i *Let me know if your father or your brother changes their mind.*

ii *Let me know if your father or your mother changes their mind.*

[32] *Either the husband or the wife has perjured* \**himself*/?*themselves*/%*themself.*

[33] i *Patients should be told at the outset how much they will be required to pay.*

ii *Journalists should not be forced to reveal their sources.*

[34] i *The committeei hasn't yet made up itsi mind.*

ii *The committeei haven't yet made up theiri mind*/*minds.*

[35] i *The committeei hasn't yet made up theiri mind.*

ii \**The committeei haven't yet made up itsi mind.*

[36] i *A group of bystanders were having their names and addresses taken down.*

ii *A group of bystanders was having their names and addresses taken down.*

iii #*A group of bystanders was having its names and addresses taken down.*

[37] i *A group of bystanders were behaving themselves rather badly.*

ii *A group of bystanders was behaving itself*/\**themselves rather badly.*

[38] i [*One of the boys*]*i was behaving himselfi rather badly.*

ii [*One of the boys*]*i had forgotten hisi lunch.*

[39] i a. [*A group of us*]*i are in the process of getting ourselvesi ready for the election.*

b. [*A group of you*]*i are behaving yourselvesi rather badly.*

ii a. [*A group of us*]*i has spent all morning filling in ouri application forms*

b. [*A group of you*]*i is going to have youri results sent to youi by email.*

iii a. [*A group of us*]*i is in the process of getting itselfi ready for the election.*

b. [*A group of you*]*i is behaving itselfi rather badly.*

[40] i a. [*One of us*]*i will have to move hisi*/*heri*/*theiri*/*ouri car.*

b. [*One of you*]*i will have to move hisi*/*heri*/*theiri*/*youri car.*

ii a. [*One of us*]*i is going to hurt himselfi*/*herselfi*/*themselfi*/*themselvesi*/\**ourselvesi.*

b. [*One of you*]*i is going to hurt himselfi*/*herselfi*/*themselfi*/*themselvesi*/*yourselfi.*

[41] i [*Kim and I*]*i have had ouri applications turned down.*

ii [*You and Kim*]*i need to get youri passports renewed.*

[42] i [*Either Kim or I*]*i will have to move ouri car.*

ii [*You or Kim*]*i will need to take youri secretary to the meeting to take minutes.*

[43] i ?[*Either Kim or I*]*i may find ourselvesi having to chair the meeting.*

ii ?[*You or Kim*]*i may find yourselfi*/*yourselvesi having to chair the meeting.*

[44] i #*Kim or I may have my application knocked back.*

ii *Kim or I will have to move my car.*

[45] singular plural

i a. *the man who lost his head* b. *the men who lost their heads*

ii a. *the woman who lost her head* b. *the women who lost their heads*

iii a. *the house which lost its roof* b. *the houses which lost their roofs*

[46] i a. *The baby had lost his*/*her*/*its rattle.* b. *the baby who*/*which took the rattle*

ii a. *The boy had lost his*/\**its rattle.* b. *the boy who*/\**which took the rattle*

[47] i a. *The dog had lost his*/*her*/*its bone.* b. *the dog who*/*which took the bone*

ii a. *Fido was wagging his*/\**its tail.* b. *Fido, who*/\**which was barking again,*

[48] *The ship, which*/\**who was on its*/*her maiden voyage, was way behind schedule.*

[49] i *The committee, who haven't yet completed their report, must be in disarray.*

ii \**The committee, who haven't yet completed his report, must be in disarray.*

iii \**The committee, which hasn't yet completed its report, must be in disarray.*

[50] i *That's the dog* ( *who attacked his owner.*

ii ( *which attacked its owner.*

iii ( *which attacked his owner.*

[1] i a present tense form of a verb other than a modal auxiliary

ii a preterite form of the verb ***be***

[2] verb agrees with subject

i a. *The nurse wants to see him.*  b. *The nurses want to see him.*

ii a. *The dog was sleeping.* b. *The dogs were sleeping.*

[3] no variation in the verb

i a. *The nurse will see you now.* b. *The nurses will see you now.*

ii a. *The dog slept all day.* b. *The dogs slept all day.*

[4] In simple agreement, the verb agrees with a subject with the form of an NP whose personnumber classification derives from its head noun.

[5] i a. *the nurse* [*who wants to see him*] b. *the nurses* [*who want to see him*]

ii a. *the dog* [*that \_\_ was sleeping*] b. *the dogs* [*that \_\_ were sleeping*]

[6] i *That he is trying to hide something is all too plain.* [declarative clause]

ii *Why he resigned remains a mystery.* [interrogative clause]

iii *Not informing the neighbours was a serious mistake.* [gerund-participial clause]

iv *From here to London is over fifty miles.* [PP]

v *Rather too big for your boots is what you are, my boy.* [AdjP]

[7] i \**The Directors believe that* [*the effect of the above resolutions*] *are in the best interests of the Company and strongly recommend you to vote in favour of them.*

ii \**But at this stage,* [*the accuracy of the quotes*] *have not been disputed.*

iii \**Cognitive scientists seek ... to model the ways in which* [*the ability to perform such tasks*] *are acquired, changed or impaired.*

iv \**In this case a woman may continue to use both names provided* [*the use of both commonly known names*] *are disclosed.*

v ?*It is part of one's linguistic competence to be able to control and interpret variations of word-order and grammatical structure of the kind that are exemplified in the sentences cited above.*

vi [*A number of special units*] *are available for patients requiring hospitalisation.*

vii [*The committee*] *were informed that the proposal to close the canal had been made by the British Transport Commission ...*

[8] singular collective as head of subject NP

i *The committee has not yet come to a decision.* [simple agreement]

ii *The committee have not yet come to a decision.* [plural override]

[9] number-transparent noun as head of subject NP

i *A number of spots* *have*/\**has appeared.* [plural override]

ii *Heaps of money has*/\**have been spent.* [singular override]

[10] i *The committee consists*/\**consist of two academic staff and three students.*

ii *This committee, at least, is*/\**are not chaired by one of the premier's cronies.*

iii *One committee, appointed last year, has*/?*have not yet met.*

[11] i *The other crew were not even born at the time I won my first championship.*

ii *The class have*/?*has now all received certificates of merit.*

[12] i *administration army band*1 *board class*1

*clergy couple*1 *crew enemy family*

*government intelligentsia jury party*1 *public*

*staff team union university woodwind*

ii *band*2 *batch bunch class*2 *couple*2

*flock group herd host majority*

*minority number party*2 *rash set*

[13] i *The majority of her friends are*/\**is Irish.*

ii %*The fact the overwhelming majority of Americans doesn't want the President impeached does not necessarily mean that that would be the right decision.*

[14] i *That ten days we spent in Florida was fantastic.* (=[71i] of 3)

ii *Twenty dollars seems a ridiculous amount to pay to go to the movies.*

iii *Five miles is rather more than I want to walk this afternoon*

iv *Three eggs is plenty.*

[15] i [*One student in a hundred*] *takes*/\**take drugs.* ) [simple agreement]

ii *In a hundred students,* [*only one*] *takes*/\**take drugs.* )

iii [*One in a hundred students*] *takes*/*take drugs.* [optional singular override]

[16] i *One percent of students* \**takes*/*take drugs.*

ii *One percent of the electorate takes*/*take drugs.*

iii *One percent of the cheese was*/\**were contaminated.*

[17] i [*What money remains*] *is in the bank.*

ii [*What errors were made*] *were relatively minor.*

iii [*What amuses you*] *doesn't necessarily amuse everybody else.*

[18] i a. *He withdrew his motion for* [*what were obviously very sound reasons*]*.*

b. *He has given me* [*what appear to be forged banknotes*]*.*

c. [*What appeared to be forged banknotes*] *were lying all over his desk.*

ii a. [*What we need*] *are managers with new ideas and the will to implement them.*

b. [*What is needed*] *are managers with new ideas and the will to implement them.*

c. [*What are needed*] *are managers with new ideas and the will to implement them.*

[19] i a. *Who wants some more ice-cream?* b. *What remains to be done?*

ii *Which* (*of these*) *is*/*are yours?*

[20] i *What are going to be the deciding factors?*

ii *Who haven't yet handed in their assignments?*

iii *Who have excelled themselves in this year's coxed pairs?*

iv *What have pointed ears and long tails?*

[21] i *Max is* [*one of the people the previous head had appointed*]*.* [Type I]

ii [*One of her colleagues whom she deeply admired*] *had betrayed her.* [Type II]

[22] i *He's* [*one of those people who always want to have the last word*]*.* ) [Type I]

ii *He's* [*one of those people who always wants to have the last word*]*.* )

iii *He's* [*one of her colleagues who is always ready to criticise her*]*.* [Type II]

[23] i *Please let me know immediately if* [*any of the set texts*] *are*/*is unavailable.*

ii *He made quite a few mistakes but* [*none* (*of them*)] *were*/*was very serious.*

[24] i *Has*/*Have* [*either of the candidates*] *arrived yet?*

ii *He made two mistakes but* [*neither* (*of them*)] *was*/*were very serious.*

[25] i *It is I* [*who am at fault*]*.* [simple agreement]

ii *It is me* [*who is at fault*]*.* [3rd person override]

[26] i [*Eggs and bacon*] *is*/\**are my favourite breakfast.*

ii [*The hammer and sickle*] *was*/\**were flying over the Kremlin.*

iii [*Your laziness and your ineptitude*] *amazes*/*amaze me.*

[27] i [*The chair of the finance subcommittee, and the source of all our problems,*] *has voted in favour of cuts for the twenty-first time.*

ii [*Our chef and chauffeur*] *has decided to emigrate.*

[28] i [*Each dog and each cat*] *has*/\**have to be registered.*

ii [*Every complaint and every suggestion*] *was*/\**were thoroughly investigated.*

[29] i [*That the form was submitted on the very last day and that the project had not been properly costed*] *suggests that the application was prepared in a rush.*

ii [*How the dog escaped and where it went*] *remains a mystery.*

[30] i [*That the form was submitted on the very last day and that the project had not been properly costed*] *are two very strong indications that the application was prepared in a rush.*

ii [*How the dog escaped and where it went*] *are questions we may never be able to answer.*

[31] i [(*Either*) *Mary or John*] *is*/\**are sure to go.* [sg *or* sg = sg]

ii [(*Either*) *Mary or the twins*]?*is*/?*are sure to go.* [sg *or* pl = ?sg/?pl]

iii [(*Either*) *the twins or Mary*]?*is*/?*are sure to go.* [pl *or* sg = ?sg/?pl]

iv [(*Either*) *the twins or their parents*] *are*/\**is sure to go.* [pl *or* pl = pl]

[32] i *I don't think* [(*either*) *Mary or the twins]* *are*/?*is going to help you.*

ii *I don't think* [(*either*) *Mary or John*] *is*/*are going to help you.*

[33] ?*Problems arise when emotional involvement or lack of experience prevent an objective appraisal of the situation.*

[34] i *His proposal, or rather the ramifications of it, are*/\**is going to have a serious effect on our plans.*

ii *Her eyes, or rather the visible one, was*/\**were pale blue.*

iii *Arhythmia, or irregular contractions of the ventricles, is*/\**are a serious heart condition.*

[35] i *You mustn't go unless* [*either I or your father*] *comes*/?*come with you.*

ii *I don't think* [*either your father or I*] *have*/?*has had much say in the matter.*

iii [*Either your father or I*]?*am*/?*is going to have to come with you.*

[1] i  *Neither Mary nor John will help.*

ii It isn't the case that either Mary or John will help

iii Both Mary and John will not help

[2] i [*Neither Mary nor John*] *is*/*are here yet.* [*neither* sg *nor* sg = sg/pl]

ii [*Neither Mary nor the twins*] *are*/?*is here yet.* [*neither* sg *nor* pl = pl/?sg]

iii [*Neither the twins nor Mary*] *are*/?*is here yet.* [*neither* pl *nor* sg = pl/?sg]

iv [*Neither the twins nor their parents*] *are*/\**is here yet.* [*neither* pl *nor* pl = pl]

[3] i *Not only Mary*/*her parents but also John has been questioned.*

ii *Not only Mary*/*her parents but also the twins have been questioned.*

[4] i a. *Ed, and not the twins, is*/\**are here.* b. *The twins, and not Ed, are*/\**is here.*

[1] singular predicand plural predicand

i a. *My daughter is a doctor.* b. *My daughters are doctors.*

ii a. #*My daughter is doctors.* b. #*My daughters are a doctor.*

[2] i *He considers his colleague a complete idiot* / #*complete idiots.*

ii *He considers his colleagues complete idiots* / #*a complete idiot.*

[3] i *As a doctor* / #*doctors, my daughter makes vital decisions.*

ii *As doctors* / #*a doctor, my daughters make vital decisions.*

[4] i *I am* [*a doctor who believes*/\**believe in euthenasia*]*.*

ii *It is I who am master now.*

iii *You are obviously* [*someone who has*/\**have thought carefully about this issue*]*.*

iv [*The one who is causing all the trouble*] *is you.*

[5] i [*Your brother*] *is clearly* [*a problem which*/\**who we will have to resolve*]*.*

ii [*The dean*] *is* [*an obstacle which*/\**who I didn't foresee*]*.*

[6] i [*This house*] *is* [*a shambles which is going to take days to sort out*]*.*

ii [*The government*] *are* [*a shambles who don't deserve to be in power*]*.*

[7] [*The younger daughter*] *is* [*a doctori whoi is dedicated to heri*/#*hisi patients*]*.*

[8] i [*The only thing we need now*] *is* [*some new curtains*]*.*

ii [*The major asset of the team*] *is* [*its world-class opening bowlers*]*.*

[9] i #[*The person who complained most*] *was* [*my parents*]*.*

ii #[*The two people who complained most*] *were* [*my parents and my uncle*]*.*

[10] i a. [*Our neighbours*] *are* [*a nuisance*]*.*

b. [*The people who live out there*] *are* [*a minority cult group*]*.*

c. [*The accidents*] *were* [*the result of a power failure*]*.*

d. [*These results*] *were really* [*something to be proud of*]*.*

ii a. [*His PhD thesis*] *was* [*simply four unrelated articles collected together*]*.*

b. [*This gadget*] *is* [*five different tools in one*]*.*

[11] i *My daughters are doctors.* (=[1ib]) [distributive]

ii *Ed's daughters are a pest.* [non-distributive]

[12] With semantically plural predicands, pluralised forms of predicatives are ascribed distributively, singular forms non-distributively.

[13] i *Our neighbour is a nuisance.*

ii *Our neighbours are a nuisance.* (=[10i]) [non-distributive]

iii *Our neighbours are nuisances.* [distributive]

[14] *delight disgrace embarrassment godsend mess*

*obstacle pest pigsty problem tip*

[15] i #*This stamp is a superb collection of rare issues.*

ii *Bills stamps are a superb collection of rare issues.* [non-distributive]

iii *Bills stamps are superb collections of rare issues.* [distributive]

[16] i *Bill is a twin.*

ii *Bill and Fred are twins.*

iii *Bill, Fred and Mary are twins.*

iv *Bill and Fred, and Mary and Jane are twins.*

[17] *The office buildings downtown are skyscrapers.* [distributive]

[18] i *All*/*Both the office buildings downtown are skyscrapers.*

ii *The office buildings downtown are all*/*both skyscrapers.*

[19] i *Ed's daughters are a nuisance.* [non-distributive]

ii *Both Ed's daughters are nuisances* / *a nuisance.* [distributive]

[1] i a. *She lives in New Zealand.* b. *Clinton was re-elected.* [full NP]

ii a. *the New Zealand government* b. *the Clinton administration.* [modifier]

iii a. *the New Zealand of my youth* b. *the new Clinton* [head]

[2] i *a Thames cruise*, *two United States warships*, *both Republic of Chad delegates*

ii *It was* [*a very different Thames from the one I remembered from my youth*]*.*

[3] i *the Argentine*, *the Ukraine*,(*the*) *Sudan*, (*the*) *Yemen* [countries]

ii *the Crimea*, *the Caucasus*, *the Ruhr* [geographically-defined regions]

iii *the Colisseum*, *the Panteon*, *the Parthenon* [famous buildings]

iv *the* (*River*) *Thames*, *the Potomac*, *the Bosphorous* [rivers, straits]

v *the Adriatic*, *the Atlantic*, *the Mediterranean* [seas, oceans]

vi *the Gobi*, *the Sahara*, *the Negev* [deserts]

vii *the Eiger*, *the Jungfrau*, *the Matterhorn* [Swiss Alpine peaks]

viii *the Knesset*, *the Kremlin*, *the Pentagon* [political/military authorities]

ix *the Bodleian*, *the Guggenheim*, *the Tate* [libraries, galleries, etc.]

x *the Bible*, *the Koran*, *the Talmud* [religious tracts]

xi *The Economist*, *The Guardian*, *The Times* [newspapers, periodicals]

[4] i *Kim Jones*, *Emma Ann Barton*, *J.C. Smith*, *John C. Smith*, *J. Edgar Hoover*

ii *Queen Mary*, *Pope John Paul, Major White*, *Nurse Fox*, *Dr Brown*, *Mr Black*

iii *British Columbia*, *Upper Saxony*, *North America*, *the Northern Territory*, *New York*, *Long Island*, *Good Friday*, *the Iron Duke*, *the National Gallery*

iv *Oxford Road*, *Harvard University*, *the Ford Foundation*, *Christ's College*

v *Lake Michigan*, *Mount*/*Mt Everest*, *the River Thames*, *Ward 17*

vi *The Isle of Skye*, *the Bay of Biscay*, *the University of Sydney*, *John of Gaunt*, *Massachusetts Institute of Technology*, *the Institute of Modern Art*

vii *Henry Cotton Junior*, *Peter the Great*,(*King*) *George the Fifth* / *V*

[5] i *architect Norman Foster*, *mother of two Eileen Jones*, *special agent Cully*, *well-born Hampshire gentleman John Grant*, *nuclear physicist Lord Rutherford*

ii *beautiful Italy*, *dear old Mr Smithers*, *poor Henry*, *sunny Italy*, *historic Virginia*; *the inimitable Oscar Wilde*, *the distraught Empress Alexandra*

iii *Who's* [*this Penelope who's been sending you emails*]*?*, [*That Senator Fox*] *should be locked up*, [*Your Mr Jenkins*] *has been arrested again!*

[6] i [*The Mary that you met yesterday*] *is my fiancée.*

ii *I've never met* [*an Ophelia*] *before.*

iii *There are* [*two Showcase Cinemas*] *in Manchester.*

iv *Shall we invite* [*the Smiths*]*?*

v *Was it* [*the Bill Gates*] *he was talking about?*

[7] i *We need* [*another Roosevelt*]*.*

ii *She's* [*no Florence Nightingale*]*.*

[8] i *This is not* [*the Paris I used to know*]*.*

ii *This is* [*a United States I prefer to forget*]*.*

iii [*The young Isaac Newton*] *showed no signs of genius*.

[9] i *The gallery has acquired* [*a new Rembrandt*]*.*

ii *Let's listen to* [*some Beethoven*] *tonight.*

[10] i *Can I borrow* [*your Guardian*] *for a few minutes?*

ii *The film was reviewed in* [*yesterday's Herald-Tribune*]*.*

[11] *What do you think, Senator Fox?*

[12] i *Mary*, *Smith*, *Mary Smith*, *Mr*/*Dr Smith*, *Sir John* [personal names]

ii *Mum*/*Mom*/*Mummy*; *son*, *daughter*, *aunt*, *uncle*, *cousin* [kin terms]

iii *Your Majesty*, *Your* (*Royal*) *Highness*, *Ma'am*, *sir*, *madam* [status terms]

iv *driver*, *officer* (member of police force), *waiter*, *vicar* [occupational terms]

v *buddy* (AmE), *mate* (BrE/AusE), *gentlemen*, *ladies*, *guys* [general terms]

vi *darling*, *dear*, *honey*, *love*, *sweetheart*, *gorgeous*, *handsome* [terms of affection]

vii *fatty*, *idiot*, *imbecile*, *nitwit*, *slowcoach*, *swine* [derogatory terms]

viii *you*, *you-all* (Southern US), *you with the glasses* [2nd person pronoun]

ix *somebody*, *anybody*, *everybody, someone* [compound determinatives]

1. The relative series also contains the archaic forms *whichsoever* and *whatsoever*. There is also a minor use of *such* that belongs with the determinatives: see 12. We might also include *last* and *next* as used in temporal deictic expressions such as *last week*, *next year*, etc., where they contrast with the central determinative *this*. [↑](#footnote-ref-1)
2. A variant of *more than* that is sometimes found is *greater than*, as in *It reserves the right to treat any Application in the Public Offer for greater than 20,000 Sale Shares as an Application in the Institutional Offer*. Since *greater* is an adjective, however, we need to treat *20,000* as head of the DP: this is another case where a comparative expression (*greater than*) has been reanalysed to function as an adverbial modifier (cf. Ch. 13, 4.5). [↑](#footnote-ref-2)