[1] i *I left the room and Pat followed me.* [coordination]

ii *The tourists most of them exhausted got into the bus.* [supplementation]

[2] i [*Kim and Pat*] *speak excellent French*. [NP-coordination]

ii *He can see you* [*this afternoon or on Tuesday*]*.* [NP/PP-coordination]

[3] i *Kim wrote a letter and Ed watched TV.* [binary coordination]

ii *She wants to live* [*in Sydney, in London or in Paris*]*.* [multiple coordination]

[4] i *He invited* [*all his colleagues and all his students*]*.* [syndetic]

ii *He invited* [*all his colleagues, all his students*]*.* [asyndetic]

[5] i *He can see you* [*on Monday, Tuesday or Friday*]*.* [simple-syndetic]

ii *He can see you* [*on Monday or Tuesday or Friday*]*.* [polysyndetic]

[6] i a. *He invited* [*both his father and his uncle*]*.* [correlative]

b. *He invited* [*his father and his uncle*]*.* [non-correlative]

ii a. *He can see you* [*either on Monday or on Tuesday*]*.* [correlative]

b. *He can see you* [*on Monday or on Tuesday*]*.* [non-correlative]

[7] NP-coordination

Coordinate1: Coordinate2:

NP NP

Marker: Coordinate2: Coordinator NP

*Kim and Pat*

[8] i a. *They allowed the others but not me a second chance.*

b. *They allowed the others a second chance but not me.*

ii a. *Did the boss or her secretary tell you that?*

b. *Did the boss tell you that or her secretary?*

[9] NP-coordination

Coordinate1: Coordinate2:

NP NP

Marker: Modifier: Coordinate2: Modifier:

Coordinator Adv NP Adv

*the guests and indeed his family* *too*

[10] i *We should invite* [*Kim and either Pat or Jo*]*.*

ii *I tried to persuade him and so did Kim, but he was quite inflexible.*

[11] NP-coordination

Coordinate1: Coordinate2:

NP NP-coordination

Marker: Coordinate2:

Coordinator NP-coordination

Coordinate1: Coordinate2:

NP NP

Marker: Coordinate1: Marker: Coordinate2:

Determinative NP Coordinator NP

*Kim and either Pat or Jo*

[12] a. Coordination b. Coordination c. Coordination

Coord1 Coord2 Coord1 Coord2 Coord1 Coord2 Coord3

Coord1 Coord2 Coord1 Coord2

*egg*  *and bacon or stew cakes and tea or coffee pork, beef or lamb*

[13] i *He invited* [*Kim and Tom and Pat and your parents*]*.*

ii *He invited* [*Kim, Tom and Pat, and your parents*]*.*

[14] i a. *There is a copy* [*on the desk and in the top drawer*]*.* ) [subclausal]

b. *They arrived* [*on Tuesday or Wednesday*]*.* )

c. *He told me* [*who she was but not what she wanted*]*.* )

ii a. *There is a copy on the desk and there is a copy in the top drawer.* ) [clausal]

b. *They arrived on Tuesday or they arrived on Wednesday.* )

c. *He told me who she was but he didn't tell me what she wanted.* )

[15] i *One candidate was* [*very young and very energetic*]*.* [subclausal]

ii *One candidate was very young and one candidate was very energetic.* [clausal]

[16] i *No one* [*treats me like that and gets away with it*]*.*

ii *Nothing is wrong with* [*the amplifier or the tuner*]*.*

iii *Who* [*lives in college and has a car*]*?*

iv *Did she* [*go to the meeting and make her report*]*?*

v *The* [*first and most impressive*] *speaker was from Wales.*

vi *She'd like* [*a cricket bat or a tennis racquet*] *for her birthday.*

[17] i *Kim and Pat know Greek.* [distributive]

ii *Kim and Pat are a happy couple.* [joint]

[18] i *Kim and Pat are two of his best friends.*

ii *Kim and Pat disliked each other.*

iii *Kim and Pat went to Bonn and Paris respectively.*

[19] i *Kim and Pat are in love.*

ii *Kim and Pat are studying law and economics.*

iii *Kim and Pat told me they were going to New York.*

[20] i *Kim or Pat will be going to Bonn.* [distributive]

ii \**Kim or Pat will be going to Bonn and Paris respectively.* [joint]

[21] i *Both Kim and Pat are friends of his.* [distributive]

ii \**Both Kim and Pat are two of his best friends.* [joint]

[22] i *Kim and probably Pat too resented your intervention.* [distributive]

ii \**Kim and probably Pat too disliked each other.* [joint]

[23] i *Both Kim and Pat had hurt themselves.* [reflexive: distributive]

ii \**Both Kim and Pat had hurt each other.* [reciprocal: joint]

[24] i *Two ham rolls and a glass of milk were hidden behind the lamp.* [distributive]

ii *Two ham rolls and a glass of milk was more than she wanted.* [joint]

[25] i *I introduced Kim and Pat to each other.* [object]

ii *I sat between Kim and Pat.* [complement of preposition]

[26] i *He was eating and reading at the same time.* [verbs]

ii *The latter two were French and German respectively.* ) [adjs]

iii *He was wearing a black and white silk tie.* )

iv *Telling him you were busy and then going out dancing was a mistake.* [VPs]

[27] i *They sell* [*new and second-hand books*]*.* [discrete]

ii *They offer* [*new and highly sophisticated programs*]*.* [not discrete]

[28] i *It will be opposed by* [*the premiers of Queensland and Tasmania*]*.* ) [discrete]

ii *I need the names of* [*the hotels he stayed at in Rome and Paris*]*.* )

[29] i *Comments both favourable and critical had poured in.* [discrete]

ii *Comments both brief and to the point will be very welcome.* [not discrete]

[30] i *They sell new books and they sell second-hand books.*

ii *They offer new programs and they offer highly sophisticated programs.*

[31] *I have seen the films showing on Saturday and Sunday.*

[32] a. NP-coordination b. NP

Coordinate1 Coordinate2 Mod Head:

N-coordination

Mod Head Mkr Coordinate Coordinate1 Coordinate2

Head Mkr Coordinate

*long poems and essays long poems and essays*

[33] i a. *It was* [*extremely rare or unique*]*.* ) [ModAdj]

b. *He was* [*extremely tired and irritable*]*.* )

ii a. *He did it* [*very hurriedly but satisfactorily*]*.* ) [ModAdv]

b. *She spoke* [*very quickly and fluently*]*.* )

iii a. *He* [*often goes to bed before 9 and likes plenty of exercise*]*.* ) [ModVP]

b. *He* [*often gets up at 6 and has a swim before breakfast*]*.* )

iv a. *Yesterday Kim was taken ill and the lecture has been cancelled.* ) [ModClause]

b. *Yesterday Kim was taken ill and the lecture was cancelled.* )

v a. *women and children under sixteen.* ) [NMod]

b. *men and women over fifty.* )

vi a. *He* [*left and phoned his wife*]*.* ) [VO]

b. *He* [*hugged and kissed his wife*]*.* )

vii a. *I* [*went to bed and read the paper for a while*]*.* ) [VPMod]

b. *I* [*phoned the police and complained as soon as the party began*]*.* )

[34] i *She* [*was very bright and had a warm personality*]*.* ) [reversible:

ii *She* [*had a warm personality and was very bright*]*.* ) i = ii]

[35] i a. *She* [*fell ill and went back to her mother's*]*.* ) [irreversible:

b. *She* [*went back to her mother's and fell ill*]*.* ) ia ib]

ii a. *She had* [*far and away*] *the best outline.* ) [irreversible:

b. \**She had* [*away and far*] *the best outline.* ) only iia is acceptable]

[36] i *Her father had once lied to her and because of this she never really trusted him.*

ii *Jill was rich and Pat, moreover, was even richer.*

[37] *aid and abet* *betwixt and between* *by and large* *common or gardenfirst and foremost* *hem and haw* *high and dry* *hither and yon*

*let or hindrance* *part and parcel* *rhyme or reason* *rough and tumblerough and ready* *spick and span* *to and fro* *well and truly*

[38] *buy and sell* *come and go* *cup and saucer* *cuts and bruises*

*fish and chips* *for and against* *friend and foe* *head and shoulders*[[1]](#footnote-1)

*hope and pray* *husband and wife* *life and death* *loud and clear*

*meek and mild* *tried and tested*

[1] i *He invited Kim and Ed and Max and Pat and Tom and Bob and Jill and Di.*

ii *He invited Kim, Ed, Max, Pat, Tom, Bob, Jill and Di.*

[2] a. left-layered b. right-layered c. unlayered

*fish and chips and ice-cream soup and fish and chips* *beans* (*and*) *peas and carrots*

*works of art of value threats of loss of face* [not possible with *of*]

[3] i a. *The* [*fact that he's a politician*] *makes it worse.* ) [clause

b. *He was* [*unsure whether to accept her offer*]*.* ) subordinators]

ii a. *His anger contrasted with his* [*mood before he'd seen them*]*.*  ) [prepositions]

b. *He* [*collapsed on hearing the news*]*.* )

[4] i *She finished the report and went home.* [coordination]

ii *She finished the report before going home.* [subordination]

[5] i *They found* [*her son and younger daughter*]*.* [coordination]

ii \**They found* [*her son with younger daughter*]*.* [subordination]

[6] i a. *He joined the club but he had little spare time.* ) [coordination]

b. \**But he had little spare time he joined the club.* )

ii a. *He joined the club although he had little spare time.* ) [subordination]

b. *Although he had little spare time he joined the club.* )

[7] i *They attended the dinner but they are not members.* [coordinator]

ii *They attended the dinner although they are not members.* [preposition]

[8] i *Those* [*who attended the dinner but who are not members*] *owe $20.*

ii *Those* [*who attended the dinner although they* *are not members*] *owe $20.*

[9] i a. *You recommended the book and she enjoyed it so much.* ) [coordination]

b. *It was a cold, wet evening and she enjoyed the book so much.* )

c. *He said that she enjoyed the book so much.* [subordination]

ii a. *the book* [*which you recommended and she enjoyed so much*]

iii b. \**the book* [*which it was a cold, wet evening and she enjoyed so much*]

iv c. *the book* [*which he said that she enjoyed so much*]

[10] i \**She was extremely bright and but very humble.* [coordinator + coordinator]

ii *She was extremely bright and yet very humble.* [coordinator + adverb]

[11] i *It had rained all week and we were short of food.* [coordinator]

ii *It had rained all week; moreover, we were short of food.* ) [adverb]

iii *It had rained all week; we were, moreover, short of food.* )

[12] a. *We'll invite* [*Kim, Pat and Alex*]*.* b. *We'll invite* [*Kim, Pat or Alex*]*.*

[13] i a. *He came to work by bus today and he has gone home early.* ) [clausal]

b. *He came to work by bus today or he has gone home early.* )

ii a. *There is a copy* [*on the desk and in the top drawer*]*.* ) [subclausal]

b. *There is a copy* [*on the desk or in the top drawer*]*.* )

[14] Inclusive Exclusive

Truth values Conjunction disjunction disjunction

P Q P & Q P Q P Q

i true true true true false

ii true false false true true

iii false true false true true

iv false false false false false

[15] i *He was born on Christmas Day 1950 or 1951.*

ii *I shall walk or catch the bus.*

iii *You can have a pork chop or an omelette.*

[16] i *There's a copy in the office or in the library.*

ii *Either the mailman hasn't got here yet or there's no mail for us today.*

[17] i *There isnt a copy on the desk or in the top drawer.*

ii *I shant walk or go by bus.*

[18] i *They will appoint Kim, Pat or Jo to oversee the election.*

ii *They wont appoint Kim, Pat or Jo to oversee the election.*

[19] i *Houses are cheaper in Perth than in Sydney or Melbourne.*

ii *They are obtainable at Coles or Woolworths.*

[20] without *or* with *or*

i a. [not possible: *or* essential] b. *Would you like tea or coffee?* [alternative]

ii a. *Would you like a drink?* b. *Would you like tea or coffee?* [polar]

iii a. *Who would like a drink?* b. *Who would like tea or coffee?* [variable]

[21] i *I didn't like his mother or his father.* ) [not A-or-B

ii *I didn't like his mother and I didn't like his father.* ) = not-A and not-B]

[22] i *He isn't both treasurer and secretary.* ) [not A-and-B

ii *He isn't treasurer or he isn't secretary.* ) =not-A or not-B]

[23] i *I didn't like his mother and father.*

ii *I'm not free on Saturday and Sunday.*

[24] *He wasn't at work on Monday or Tuesday.*

[25] i a. *Youll see more if you walk or cycle.*

b. *Youll see more if you walk and if you cycle.*

ii a. *Those who are late or* (*who*) *are improperly dressed will be punished.*

b. *Those who are late and those who are improperly dressed will be punished.*

[26] i *He got up and had breakfast.*

ii *I went over to Jill's and we checked the proofs.*

[27] i *The principal came in and everybody immediately stopped talking.*

ii *I fell off the ladder and broke my leg.*

[28] i *I express the slightest reservation and he accuses me of disloyalty.*

ii *Come over here and you'll be able to see better.*

iii *Do that again and you'll be fired.*

[29] i *You can eat as much of this as you like and not put on weight.*

ii *They expect us to get up at 3 a.m. and look bright and cheerful.*

[30] i *He came in and I was still asleep.*

ii *Did he come in and I was still asleep?*

[31] i *The coffee is nice and hot.*

ii *He hit it good and hard.*

[32] plain form + plain form plain present + plain form

i a. *Try and not be so touchy.* b *We always try and do our best*. [*try*]

ii a. *Be sure and lock up.* b. [not possible] [*be sure*]

[33] i *The TV has gone and broken down.*

ii *He went and told the teacher.*

[34] i *They sat and talked about the wedding.*

ii *Don't just stand there and watch.*

[35] i *Be an angel and make me some coffee.*

ii *Would you be an angel and make me some coffee?*

[36] i *I'm leaving before the end or I'll miss my train.*

ii *I left early or I would have missed my train.*

iii *Hurry up or we'll be late.*

iv *Don't do that again or you'll be fired.*

[37] i *The noise grew louder and louder.* *She felt more and more confident.*

ii *I laughed and laughed and laughed.*  *I've told you about it again and again.*

iii *I made dozens and dozens of mistakes.* *It rained for days and days.*

[38] i a. *both players* b. *both Kim and Pat*

ii a. *either player* b. *either Kim or Pat*

[39] i a. *The allegation was* [*both untrue and offensive*]*.* ) [binary]

b. *Everything he suggested was* [*either unobtainable or too dear*]*.* )

ii a. \**I* [*both locked the doors and set the alarm and informed the police.* ) [multiple]

b. *I'll either call out or bang on the door or blow my whistle.* )

[40] i \**It had been approved by* [*the both federal and state governments*]*.*

ii \**Your speech must be* [*very either witty or brief*]*.*

[41] i \**Both he overslept and his bus was late.*

ii *Either he overslept or his bus was late.*

[42] i *Both Kim and Pat are happy.* [distributive]

ii \**Both Kim and Pat are a happy couple.* [joint]

[43] i *Are they coming on either Monday or Tuesday?*

ii \**Are you either coming or not?*

[44] i a. *This was made clear both to* [*the men*] [*and their employers*]*.*

b. *He was quite taken by either my* [*cheek*][*or cheerfulness*]*.*

c. *They will either have to* [*reduce expenditure*][*or increase their income*]*.*

ii a. [*He both overslept*][*and his bus was late*]*.*

b. *Usually he* [*is either too busy to come with us*][*or else has no money*]*.*

c. *We must prevent rapid changes* [*in either the mixed liquor*][*or in the effluent*]*.*

[45] PP

Prenucleus: Head:

D*i* PP

Head: Comp:

Prep NP-coordination

Coordinate1: Coordinate2:

NP NP

Marker: Coordinate1: Marker: Coordinate2:

gap*i* NP Coordinator NP

*both to \_\_ the men and their employers*

[46] a. *neither player* b. *neither Kim nor Pat*

[47] i *She wasn't impressed,* (*and*) *I wasn't either.* ) [*either*/*neither*

ii *She wasn't impressed,* (*and*) *neither was I*. ) as adverbs]

[48] i *She found it* [*neither surprising nor alarming*]*.* [binary]

ii *He was* [*neither kind, handsome nor rich*]*.* [multiple]

iii \**Neither did he oversleep nor was his bus late.* [main clause coordination]

[49] i *This serves the interests neither of* [*producers*][*nor consumers*]*.*

ii [*We are neither trying to keep out immigrants,*] [*nor* *are we favouring the well-to-do*]*.*

[50] i a. [*Neither Jill nor her husband*] *could help us.*

b. *A good conversationalist talks* [*neither too much nor too little*]*.*

ii a. *The change won't be* [*as abrupt as in 1958 nor as severe as in 1959*]*.*

b. *No state shall have a share* [*less than 50% nor more than 70%*]*.*

c. *Serious art is not* [*for the lazy, nor for the untrained*]*.*

[51] i *The Germans haven't yet replied; nor have the French.*

ii *He didn't attend the meeting, nor was he informed of its decisions.*

iii *He was one of those people who can't relax. Nor did he have many friends.*

iv *The hotel had good views and a private beach; nor were these its only attractions.*

[52] i *She found it neither surprising nor alarming.* (=[48i])

ii *She didn't find it either surprising or alarming.*

iii *She found it both not surprising and not alarming.*

[53] i *Kim left at six but Pat stayed on till noon.*

ii *My parents enjoyed the show but I didn't like it at all.*

iii *He wasn't* [*at all arrogant but on the contrary quite unassuming*]*.*

iv *He has* [*many acquaintances but few friends*]*.*

v *She likes* [*not only opera but also chamber music*]*.*

[54] i *She loved her husband but betrayed him.* [predicator]

ii *He was* [*rich but very mean*]*.* [predicative comp]

iii *He had a* [*demanding but low-paid*] *job in the public service.* [modifier]

iv \**She likes opera but* (*she likes*) *chamber music.* [object]

[55] i *He called round at Jill's, but she was out.*

ii *She was in considerable pain but insisted on chairing the meeting.*

iii *She likes opera but* (*she likes*) *chamber music too.*

[56] i *I would have gone, but I was too busy.*

ii *You may not believe this*/*it, but I usually keep the house quite tidy.*

iii *I'm sorry but you'll have to do it again.*

iv *He said it was your fault, but then he would say that, wouldn't he?*

[57] i *Kim is Irish but Pat is Welsh.*

ii \**Kim is Irish but Pat is Welsh but Jo is Scottish.*

[58] *Nothing, but nothing, will make me change my mind.*

[59] i a. *Everyone but Jill was told.* b. \**But Jill, everyone was told.*

ii a. *Everyone but %I*/%*me was told.* b. *Everyone was told but me.*

[60] i a. *Jill had been invited but her husband hadn't.* ) [clausal

b. *Jill hadn't been invited but her husband had.* ) coordination]

ii a. *They had invited* [*Jill but not her husband*]*.* ) [subclausal

b. *They had not invited* [*Jill but her husband*]*.* ) coordination]

c. *They had invited* [*not Jill but her husband*]*.* )

[61] i *This is surely evidence* [*not of his guilt but of his innocence*]*.*

ii *He married her* [*not because he loved her but because he was desperately lonely*]*.*

iii *What she needs may be* [*not criticism, not advice, but simply encouragement*]*.*

[62] i *They had invited Jill, not her husband.*

ii *He died in 1984, not 1983.*

[63] i *Our correspondents cover* [*not only this country but the whole world*]*.*

ii *He* [*not only never went to school, but never even learned to read*]*.*

iii *Not only was he incompetent, but he was also corrupt.*

[64] i a. *He not only knew* [*soldiering*][*but history and literature as well*]*.*

b. *They had given copies not only to* [*the staff*][*but the students too*]*.*

c. *It is not only a question* [*of honour*][*but of life and death*]*.*

ii a. [*Complete power not only corrupts*][*but it also attracts the mad*].

b. *He* [*had not only photocopied it*][*but had even read it*]*.*

c. *Religion offers the best rewards to those* [*who not only abide by its norms*][*but who engage in good works*]*.*

[65] *Practice among authorities varies* [*not only on the question of the parental means scale, not only in the way they assess parental incomes, but in the amounts which they give*]*.*

[66] i *Not only was he incompetent, he was also corrupt.* (cf. [63iii]

ii *Complete power not only corrupts, it also attracts the mad.* (cf. [64iia])

iii *She said that he was not only ill, he was also penniless.*

[67] i *He was both incompetent and corrupt.* [*both X and Y*]

ii *He was incompetent but also corrupt.* [*X but also Y*]

iii *He was not only incompetent but also corrupt.* [*not only X but also Y*]

[68] i *He did not only know soldiering but history and literature as well.*

ii *Complete power doesn't only corrupt, but it also attracts the mad.*

[69] i *He was* [*more sad than angry*]*.* [predicative adjs]

ii *He presented* [*not so much rational as emotional*] *arguments.* [attributive adjs]

iii *His success was due* [*less to his own efforts than to his father's*]*.* [PPs]

iv *I'd* [*rather resign than accept such humiliation*]*.* [infinitival VPs]

[70] i a. *She* [*means what she says*] [*as well as says what she means*]*.*

b. [*Abstraction*][*as well as impressionism*] *were Russian inventions.*

c. [*Both increasing ewe liveweight,*][*as well as liveweight at mating,*] *influence ovulation rate and lambing performance.*

ii a. [*Beauty*] [*as well as love*] *is redemptive.*

b. *He will have,* [*as well as the TV stations,*][*a book publishing empire*]*.*

c. *I met her father,* [*whom*] *she had invited along* [*as well as her college friends*]*.*

d. *She* [*has experience in management,*][*as well as being an actor of talent*]*.*

[71] i a. *In the end he* [*survives*][*rather than conquers*]*.*

b. *The dilemma has* [*deepened*][*rather than been resolved*]*.*

c. *Wisdom and folly are* [*moral*][*rather than intellectual*] *categories.*

ii [*Rather than individual security*] *it is* [*the security of an ideological group*] *that is basic.*

[72] *Insofar as science generates any fear, it stems* [*not so much from scientific prowess and gadgets*][*but from the fact that new unanswered questions arise*]*.*

[73] i *She was prettier than he had any right to* [*hope for,*][*much less expect*]*.*

ii *The conference decisions did not reflect the opinions of* [*the majority of party members*][*and still less the party's supporters in the country*]*.*

[74] i a. [*Friends from Limpsfield,*][*in addition to the villagers,*] *came to the party.*

b. *They got* [*free milk and free meat*][*in addition to their wages*]*.*

c. *I was subjected to* [*crippling fines,*][*in addition to usurious interest on unpaid debts*]*.*

ii a. *There is a need to provide* [*special,*][*including institutional,*] *treatment as well.*

b. *She might have turned it* [*full*] *on* [*instead of faintly*]*.*

c. *She would make him* [*stand face-to-wall in a corner*][*instead of stay in after school*]*.*

[75] i *Each boy's parents pay* [*$2000 a term in fees,*][*plus extras*]*.*

ii [*The cost-billing system*][*plus other control refinements*] *has reduced the deficit.*

iii [*His stamina*][*plus his experience*] *make him unbeatable.*

iv *The committee consists of* [*two staff*][*plus four students*][*plus the secretary*]*.*

v [*He spoke with a funny accent*][*plus he wore socks with his sandals*]*.*

[76] i *Few people* [*have seen the document,*][*let alone know what's in it*]*.* [finite VPs]

ii *His behaviour was in* [*questionable,*][*not to say downright bad*] *taste.* [AdjPs]

[77] i *The mill could be sold off, so providing much-needed capital*.

ii *He was gone, leaving her caught up to a pitch of excitement and ecstasy that was yet perilously close to tears.*

iii *Certain this menace was only imaginary, he yet stared in fascinated horror.*

[78] i *This may make the task seem easier and so increase self-confidence.*

ii *You can look as fit as a fiddle and yet feel quite listless.*

[79] i [*There was a bus strike on,*][*so we had to go by taxi*]*.*

ii [*The book was written ten years ago,*][*yet conditions are still the same*]*.*

[80] i *He* [*wanted to avoid the rush-hour*][*so took the early train*]*.*

ii *He* [*worked for peace all his life,*][*yet sadly died by a gun*]*.*

[81] i *A person* [*who has a master's degree,*][*yet who has not taken education courses,*] *is not permitted to teach in the public schools.*

ii *The speech was delivered in* [*simple*][*yet eloquent*] *words.*

iii *It was a proposal which* [*sickened*][*yet fascinated*] *me.*

[82] i [*He went to bed,*][*for he was exhausted*]*.*

ii [*I would have gone,*][*only I was too busy.*]

iii [*The dust clogged their throats,*][*so that the women were always making ice water*]*.*

[83] i *They've postponed the meeting till tomorrow,* [*which is a great nuisance*][*for it* *means that several members will be unable to attend*]*.*

ii *He said* [*that he would have gone,*][*only he had been too busy*]*.*

[84] *He went to bed, for he was exhausted, for he had been gardening all day.*

[85] i \**He went to bed,* [*for he was exhausted*][*and for he had to get up early next day*]*.*

ii \**I would have gone* [*only I was too busy*][*and only I was short of money*]*.*

iii \**The dust clogged their throats,* [*so that they quickly felt parched*][*and so that the women were always making ice water*]*.*

[1] If (and only if) in a given syntactic construction a constituent X can be replaced without change of function by a constituent Y, then it can also be replaced by a coordination of X and Y.

[2] *Kim wanted to take them.*

[3] a b c

i *Kim Pat Kim and Pat wanted to take them.*

ii *wanted intended Kim wanted and intended to take them.*

iii *take keep Kim wanted to take and keep them.*

iv *them the others Kim wanted to take them and the others.*

[4] i \**He left this morning and the room.*

ii \**She became and admired the best teacher in the university.*

[5] i a. *Kim and Pat saw it.* b. *Kim saw it and Pat saw it.*

ii a. *Kim saw it.* b. *Pat saw it.*

[6] \*[*Cycling there or to go on foot*] *would be dangerous.*

[7] \**Kim or Pat or and Max should give the course.*

[8] i *all and only the corrected copies* [predeterminer + focusing modifier]

ii *our and future generations* [determiner + attributive modifier]

[9] i *pro- and anti-marketeers*  *pre- and post-war living conditions*

ii *the* [*four- and five-year-old*] *boys red- or auburn-haired*

[10] i *Kim and Pat are a happy couple.* (=[17ii] of 1)

ii *Kim and Pat are respectively scrupulously honest and an inveterate liar.*

[11] i a. *%They invited Kim and I.* b. \**They invited I.*

ii a. *I need pen and paper.* b. \**I need pen.*

[12] i \**They disagreed as to to what extent it should be allowed.*

ii *They disagreed as to whether and to what extent it should be allowed.*

[13] i *It was* [*extremely expensive and in bad taste*]*.* [AdjP + PP]

ii *He became* [*very forgetful and an embarrassment to his family*]*.* [AdjP + NP]

[14] i *He's* [*in love and behaving quite irrationally*]*.* [PP + gerund-participial]

ii *He is* [*known to have a gun and likely to use it*]*.* [past-participial + AdjP]

iii *This process* [*is perfectly natural and to be welcomed*]*.* [AdjP + infinitival]

[15] i a. [*The stamp purchases and how the cash float was administered*] *were the subject of prolonged questioning yesterday*]*.*

b. *It* *lists* [*the value of assets and which partner owned them before the marriage*]*.*

c. *He was sure*[ *of himself and where he was going*]*.*

ii a. *I remembered* [*reading about you in the papers and that you lived here in Wigan*]*.*

b. *We were told* [*to wait in the terminal and that we would be informed when we could reboard*]*.*

iii a. *They reported* [*a deep division of opinion between the government and the people and that the African population was almost solid in its opposition to federation*]*.*

b. *After* [*their rubber plantation failed, and her husband's death on the Upper Rewa in 1885*]*, she maintained her three young children with a tiny store.*

c. *I was planning* [*a four-month trip across Africa and to then return to England*]*.*

d. *They believe* [*in the fall of man and original sin and that all mankind is descended from a single couple*]*.*

e. *The University provides a great opportunity* [*for adventures of the mind and to make friendships that will last a lifetime*]*.*

f. *They want to know* [*his financial arrangements in Italy and about the people he met there*]*.*

[16] i *She did it* [*slowly and with great care*]*.* [adverb + PP]

ii *I'll do it* [*tonight or in the morning*]*.* [NP + PP]

iii *He'll reject it* [*because it's too long or for some other reason*]*.* [PP + PP]

iv *He signed on* [*to please his wife but with no hope of success*]*.* [clause + PP]

[17] i a. *They won't recommend grants for people* [*over the age of 65 or who have retired*]*.*

b. *She won in a match* [*interrupted by showers but which lasted under an hour*]*.*

c. *A man* [*in singlet and shorts and wearing a green baize apron*] *finally appeared.*

d. *It would be an opportunity to do something* [*quite new for me and in which I believed much more strongly than in our government's economic policy*]*.*

ii a. *the civic, school, and religious life of the community*

b. *the state and federal laws*

c. *the Australian and New Zealand flags*

d. *in* [*daily or evening newspapers*]

[18] *The demise of the liberals has been* [*a long and complicated process but which now looks as though it is fairly decisive*]*.*

[19] i *Now I can only write, and that only when I get out of pain.*

ii *One more remark like that and I'm leaving.*

[20] a. *They're inviting* [*Kim and/or Pat*]*.* b. *They're inviting* [*Kim or Pat*]*.*

[21] i *I don't know* [*whether or not he saw her*]*.*

ii *They must consider* [*whether and in what circumstances it should be allowed*]*.*

[22] i [*Kim and Pat's*] *children* [Type I: single genitive]

ii [*Kim's and Pat's*] *children* [Type II: direct multiple genitive]

iii *Kim's children and Pat's* [Type III: indirect multiple genitive]

[23] i *her* [*mother and father's*] *letters* [Type I: single genitive]

ii *her* [*mother's and father's*] *letters* [Type II: direct multiple genitive]

[24] i \*[*you and my*] *letters* [Type I: single genitive]

ii [*your and her*] *letters* [Type IIA: direct multiple genitive dependent]

iii *yours and hers* [Type IIB: direct multiple genitive independent]

iv *your letters and hers* [Type III: indirect multiple genitive]

[25] pronoun first pronoun last

i a. ?[*you and Kim's*] *letters* b. \*[*Kim and your*] *letters* [Type I]

ii a. [*your and Kim's*] *letters* b. [*Kim's and your*] *letters* [Type IIA]

iii a. *yours and Kim's* b. *Kim's and yours* [Type IIB]

iv a. *your letters and Kim's* b. *Kim's letters and yours* ) [Type III]

v a. *yours and Kim's letters* b. [pre-empted by iib] )

[26] i a. [*It'll be very hot,*][*so take plenty of drink*]*.* [declar + impve]

b. [*They've finished the job,*][*but why did they take so long?*] [declar + interrog]

c. [*Did you make your own contributions to a complying superannuation*

*fund*][*and your assessable income is less than $31,000?*] [interrog + declar]

d. [*You give the first three lectures*][*and then I'll take over*]*.* [impve + declar]

e. [*Come around six,*][*or is that too early?*] [impve + interrog]]

f. [*What a disaster it was*][*and yet no-one seemed to mind*]*.* [exclam + declar]

ii a. *I knew* [*that he would come*][*and what he would say*]*.* [declar + interrog]

b. *I remember* [*who was there*][*and what a success it was*]*.* [interrog + exclam]

[27] i *Is it genuine or is it a hoax?* [alternative Q]

ii *Have you moved or are you about to move?* [alternative or polar Q]

iii *Either can you eat it or have I got one?* [two polar questions]

[28] i *They shot her father and they shot her mother.* [clauses]

ii *They shot her father and shot her mother.* [VPs]

iii *They shot her father and her mother.* [NPs]

iv *They shot her father and mother.* [nouns]

[29] i a. \**these elephant and giraffe* b. \**two elephant and giraffe*

ii a. *this cup and saucer* b. *a*/*one cup and saucer*

iii a. #*this elephant and giraffe* b. #*a*/*one elephant and giraffe*

[30] i *He had dinner and watched TV.* [VP-coordination]

ii *He had dinner and he watched TV.* [clause coordination]

[31] i *If you are homeless, an orphan, a refugeee in State care or your parents can't provide you with a home, care or support, you can get Austudy from the minimum school leaving age.*

ii *He was middle-aged, of sallow complexion and had penetrating blue eyes.*

iii *He reads widely, has a questioning mind and he's very mature for his years.*

iv *He had read the report, discussed it with colleagues and was now drafting a reply.*

[1] [*Jill and her brother*] *live in Paris.*

[2] i Bare coordinates are normal constituents. That is, they can appear as constituents in corresponding non-coordinative constructions: *Jill lives in Paris*, *Her brother lives in Paris*.[[2]](#footnote-2)

ii Coordinates appear in succession. In [1], for example, the second coordinate, including its marker *and*, immediately follows the first.

iii Bare coordinates appear alone or in combination with a marker. In [1] *Jill* stands on its own, while *her brother* is marked by *and*.

[3] i *He offended* [*the guests and indeed his family too*]*.* [expansion by modifier]

ii *He offended* [*the guests and his family*]*.* [basic NP-coordination]

[4] i *He offended the guests and indeed he offended his family too.*

ii *He offended the guests. Indeed he offended his family too.*

[5] i *She had read the report and taken notes too.*

ii *It must have been a rat or else a very large mouse.*

iii *I want it not next week but now.*

[6] i *Kim is an enginner and Pat is a barrister.* [basic coordination]

ii *Kim is an engineer and Pat \_\_ a barrister.* [gapped coordination]

[7] i *Their daughter studied law, their son \_\_ medicine.* [subject \_\_ object]

ii *The PM arrived at six and the Queen \_\_ an hour later.* [subject \_\_ adjunct]

[8] i *Jill came to Fiji in 1967 and her parents \_\_ the following year.*

ii *Their daughter was studying law, their son \_\_ medicine.*

iii *Kim expects to get a credit, Pat \_\_ only a pass.*

iv *His father wanted him to marry Sue, but his mother \_\_ Louise.*

[9] i *I went by car and Bill \_\_ by bus.*

ii *Kim was hoping to go to university and Pat \_\_ to join the family business.*

[10] i *On Monday she'd been in Paris and on Tuesday \_\_ in Bonn.*

ii *Always do it with your left hand, never \_\_ with your right.*

[11] *With* [*Jill intent on resigning and Pat \_\_ on following her example*]*, we look like losing our two best designers.*

[12] *Tom had given me earrings for Christmas and Bob \_\_ a necklace for my birthday.*

[13] i *One had treated his whole family appallingly, the other \_\_ only his wife \_\_* .

ii *I wanted the Indian to win, my wife \_\_ the Italian \_\_* .

iii *Too few fathers had been rostered for Saturday and \_\_ mothers \_\_ for Sunday.*

iv *His criticisms of Kim were inaccurate and \_\_ of Pat \_\_ irrelevant.*

v *Max hadn't finished his assignment, nor \_\_ Jill \_\_ hers.*

[14] *In most households the adults make these decisions, but in ours the kids \_\_* .

[15] i a. *Kim can't have a new bicycle and Pat \_\_ just a t-shirt.* ) [iii]

b. *Kim can't have a new bicycle and Pat can't have just a t-shirt.* )

ii a. *Kim wasn't at work on Monday or Pat \_\_ on Tuesday.* ) [iii]

b. *Kim wasn't at work on Monday or Pat wasn't at work on Tuesday.* )

[16] i *I gave $10 to Kim and I gave $5 to Pat.* [basic coordination]

ii *I gave $10 to Kim and $5 to Pat.* [nonce-constituent coordination]

[17] i a. *We persuaded one of them to cycle and the others to catch a bus.*

b. *It was criticised by some for being too short, by others for being too long.*

c. *Ted considered Kim too young and Pat too earnest.*

d. *Jill bought Kim a t-shirt and Pat some shorts.*

f. *I sent Ed a letter on Monday and Jill a postcard on Friday.*

ii a. \**In the afternoon I wrote a report and my wife a letter.*

b. \**He blamed his wife for the debts and the untidy state of the house on the boys.*

[18] *She's read* [*the lectures on Goethe by Dr Smith and on Schiller by Dr Jones*]*.*

[19] i a. *I can't give a new bicycle to Kim and just a t-shirt to Pat.* ) [ab]

b. *I can't give a new bicycle to Kim and I can't give just a t-shirt to Pat.*  )

ii a. *He said nothing to Kim about Pat or to Pat about Kim.* ) [ab]

b. *He said nothing to Kim about Pat or he said nothing to Pat about Kim.* )

[20] VP

Predicator:

V NPPP-coordination

Coordinate1: Coordinate2:

NPPP NPPP

Object1: Comp1: Marker: Coordinate2:

NP PP Coordinator NPPP

Object2: Comp2:

NP PP

*gave $100 to Kim and $5 to Pat*

[21] i *She knew of my work for MI5 but never mentioned it.* [basic coordination]

ii *She knew of but never mentioned my work for MI5.* [delayed right constituent]

[22] i *I'm interested in but rather apprehensive about their new proposal.*

ii *He ought to, but probably won't, make a public apology.*

[23] i *She was then, is now, and always will be, devoted to the cause of peace.*

ii *They regarded him, or appeared to regard him, as a complete liability.*

[24] i *He had either telephoned or written a letter to his wife's boss.*

ii *You should welcome, not take offence at, the suggestions they make.*

iii *He was accused but found not guilty of stalking a woman for seven years.*

[25] i *They have* [*five new and two second-hand copies of his novel*]*.*

ii [*Neither the American nor the Russian people*] *want war.*

[26] *Kim may accept, but Pat will certainly reject, the management's new proposal.*

[27] i *I enjoyed, although everyone else seemed to find fault with, her new novel.*

ii *Those who voted against far outnumbered those who voted for my father's motion.*

[28] Predicate:

VP

VP-coordination NP*i*

Coordinate1: Coordinate2:

VP VP

Marker: Coordinate1: Marker: Coordinate2

D VP Coordinator VP

P: Object: P: Object: Comp:

V gap*i* V NP PP

Head: Comp:

Prep gap*i*

*either telephoned \_\_ or written a letter to \_\_ his son's boss*

[29] i a. *They had found Kim guilty of perjury but not Pat.* [postposing of coordinate]

b. *They had found Kim but not Pat guilty of perjury.* [basic coordination]

ii a. *I spoke to her, but only briefly.* [addition of new element]

b. *I spoke to her only briefly.* [single clause]

[30] i *Jill has been charged with perjury, and her secretary too.*

ii *Jill must have told them, or else her secretary.*

[31] i *Jill or her secretary hadn't complied with the regulations.*

ii *Jill hadn't complied with the regulations or her secretary.*

[32] i *They hadn't issued sheets to the new recruits or towels.*

ii *How many had they issued sheets to, but not pillow-slips?*

[33] i *The match was won by Kim, and very convincingly too.*

ii *He was reading, but nothing very serious.*

iii *I'll drive you there, but only if you pay for the petrol.*

[34] i *He comes not from Alabama but from Georgia.*

ii *He's from Alabama, but from the city of Birmingham, not rural Alabama.*

[35] In general, if a sequence *X* can be coordinated with a sequence *Y* to form a coordination *X and Y*, then *X* and *Y* are constituents.

[36] i *Jill* | *found the key.* [NP + VP: the VP analysis]

ii *Jill* | *found* | *the key.* [NP + V + NP: the `no VP' analysis]

[37] *Jill found the key and unlocked the door.*

[38] i *No one treats me like that and gets away with it.* [VP-coordination]

ii *No one treats me like that and no one gets away with it.* [clause coordination]

[39] *I gave $10 to Kim and $5 to Pat.* (=[16ii])

[40] *Max lost but Jill found the key.*

[1] i *Pat the life and soul of the party had invited all the neighbours.*

ii *The best solution, it seems to me, would be to readvertise the position.*

iii *Jill sold her internet shares in January a very astute move.*

[2] integrated? headed?

i dependency construction Yes Yes

ii coordination Yes No

iii supplementation No No

[3] *Jill and I don't blame her left before the meeting had ended.* [supplement]

[4] i *When the patient closed his eyes, he had absolutely no spatial (that is, third-dimensional) awareness whatsoever.*

ii *The goal is to produce individuals who not only possess `two skills in one skull', that is, are bicultural, but can also act as human links between their two cultures.*

[5] i *This stipulation that the amount of damages not be divulged was ignored.*

ii #*This stipulation whether the press could be informed was ignored.*

[6] i *The stipulation that the amount of damages not be divulged was ignored.*

ii \**The stipulation whether the press could be informed was ignored.*

[7] i a. *The stipulation that Harry could not touch the money until he was eighteen annoyed him enormously.*

b. \**The codicil that Harry could not touch the money until he was eighteen annoyed him enormously.*

ii a. *This stipulation that Harry could not touch the money until he was eighteen annoyed him enormously.*

b. *The codicil in the will that Harry could not touch the money until he was eighteen annoyed him enormously.*

[8] i a. *The question* (*of*) *where the funding would come from wasn't discussed.*

b. \**The thing* (*of*) *where the funding would come from was rather more important.*

ii a. *The second question where the funding would come from wasn't discussed.*

b. *The thing they didn't discuss where the funding would come from was rather more important.*

[9] *Sue felt can you blame her? that she was being exploited.*

[10] i a. *The necklace which her mother gave to her was in the safe.* [modifier]

b. *The necklace, which her mother gave to her, was in the safe.* [supplement]

ii a. *They are working on a new production of the opera Carmen.* [modifier]

b. *Bizet's most popular opera, Carmen, was first produced in 1875.* [supplement]

[11] i *The father who had planned my life to the point of my unsought arrival in Brighton took it for granted that in the last three weeks of his legal guardianship I would still act as he directed.*

ii *This is my husband George.*

[12] i Clause Supplement:

NP

Subject: Predicate:

NP VP

*Jill sold her internet shares in January a very astute move*

ii Clause

Subject: Supplement: Predicate:

NP ClauseREL VP

Prenucleus: Nucleus:

NP*i* Clause

Subject: Predicate:

NP VP

*the necklace which her mother gave her \_\_i was in the safe*

[13] i *No wonder that Pozzatti and I had at times difficulty in remembering the real purpose of our presence,* [*namely, Cultural Exchange*]*.*

ii *Mature connective tissues are avascular,* [*that is, they do not have their own blood supply*]*.*

iii *Much to everybody's amazement, I got along splendidly with Max;* [*that is, until I became an editor and hence a potential rival*]*.*

iv *The poem asserts emotion without evoking it* [*that is to say, it is sentimental*]*.*

v *Other pairs of phonological subsystems also interact or overlap in this way;* [*for example, duration sometimes figures in both the vowel system and the intonation*]*.*

vi *She was highly critical of both proposals,* [*especially the second one*]*.*

[14] i *It is these other differences between North and South* [*other, that is, than those which concern discrimination and social welfare*] *which I chiefly discuss in this paper.*

ii *The therapist's level tone is bland and neutral* [*he has, for example, avoided stressing `you'*]*.*

[15] i *He claimed and everyone believed him that it was all my fault.*

ii *Having reviewed all the evidence, they decided he had no case to answer.*

iii *He sent her some flowers the least he could do in the circumstances.*

[16] i *It is almost mandatory for anyone in the financial business to have ready that is, virtually real‑time access to sources of information about overseas markets.*

ii *Exeter clearly enjoyed full employment as full, that is, as was attainable in the conditions of the time.*

iii *When political art (that is, art which challenges the status quo in some way) succeeds it is most often by reinventing the real.*

iv *One question still needs to be considered: who's going to pay for it all?*

v *Eric Hoffer once said that America was a paradise the only one in the history of the world for workingmen and small children.*

[17] i *A recent newspaper report said there were five Negroes in the 1960 graduating class of nearly one thousand at Yale; that is, about one‑half of one per cent, which looks pretty `tokenish' to me, especially in an institution which professes to be `national'.*

ii *Professionally a lawyer, that is to say associated with dignity, reserve, discipline, with much that is essentially middle‑class, he is compelled by an impossible love to exhibit himself dressed up, disguised that is, paradoxically, revealed as a child, and, worse, as a whore masquerading as a child.*

[18] i *We called in to see Jill's parents, which made us rather late.*

ii *They'd given me two diskettes, both of which turned out to be defective.*

[19] i a. *The first contestant was Lulu.* [specifying]

b. *Kim Jones was a quite outstanding student.* [ascriptive]

ii a. *The first contestant, Lulu, was ushered on stage.* [specifying]

b. *Kim Jones, a quite outstanding student, won a scholarship to MIT.* [ascriptive]

[20] i *The murderer, the man with the scar, will be arrested soon.*

ii *A university lecturer, Dr Brown, was arrested for the crime.*

iii *A surprise present, a bouquet of roses, was delivered to my door.*

iv *An entire genre, the comedy thriller, has been made obsolete by the invention of the mobile phone.*

v *A Seyfert galaxy a galaxy with a brilliant nucleus usually has a massive red-shift.*

[21] i *I met a friend of yours at the party last night Emma Carlisle.*

ii *The two dominical sacraments stand out from all the rest namely baptism and Holy Communion.*

[22] i *Her father, a die-hard conservative, refused to even consider the proposal.*

ii *Wilson, Secretary to the Cabinet, had informed the Prime Minister immediately.*

iii *Robert, no genius, is applying for a scholarship to Harvard.*

[23] i *United will be playing at home, a not inconsiderable advantage.*

ii *A die-hard conservative, her father refused to even consider the proposal.*

[24] i *The excuse he gave that the train had been late seemed to satisfy the boss.*

ii *I don't know what its status is, that is, whether or not it is confidential.*

[25] i *I raised a more serious objection: it's against the law.*

ii *The universe is expanding, that is, the galaxies are receding from each other at immense speeds.*

iii *If he says he can't afford it he usually does tell him I'll pay for us both.*

[26] i *There are, I think, some grounds for optimism.*

ii *Such behaviour runs the risk, wouldn't you agree?, of alienating our customers.*

iii *You're not proposing to go out in those trousers, are you?*

[27] i *The editor, angry at the delay, resigned from the project.*

ii *Too afraid to venture out, Kim stayed barricaded in the house all week.*

iii *The editor has been sacked and, worse, they're imposing strict censorship.*

[28] i *The tourists, most of them foreigners, had been hoarded onto a cattle truck.*

ii *The defendants sat in the dock, their heads in their hands.*

iii *The only household chore men excelled at was drumroll please taking out the rubbish.*

[29] i *All things considered, the result was reasonably satisfactory.*

ii *Having read the report, Max was sure he had nothing to worry about.*

iii *Not to put too fine a point on it, he's an absolute layabout.*

[30] i *This final portrayal of Stalin does no credit to the author.*

ii *In my opinion, the idea isn't worth pursuing.*

iii *The Dean, as you know, is totally opposed to the proposal.*

iv *Frankly, I think we could do better ourselves.*

v *They go probably by bus.*

[31] i *Ah, so you were there after all!*

ii *Damn, we've missed the bus again!*

[32] i *If he checks my story and he probably will I'll be sacked.*

ii *It's clear and let's not mince words that he's been embezzling the funds.*

iii *He told the manager and her secretary that the report was defamatory.*

[33] *The manager and her secretary have been charged with defamation.*

[34] i *I'm convinced it was masterminded by Tom or Ginger, as everyone calls him.*

ii *They'll be finishing on Tuesday or at least that's what they said.*

1. This is fully lexicalised in its metaphorical sense: *This model is head and shoulders above the rest*. [↑](#footnote-ref-1)
2. We have noted that in a joint coordination like *Jill and her husband are a happy couple* there are no non-coordinative counterparts, but the coordinates here can still be regarded as normal constituents in that their status as constituents elsewhere (e.g. in *Her husband is happy*) is quite unproblematic. [↑](#footnote-ref-2)