

Appendix 5. Frequency of Occurrence of each species in the 5 transects at Paoanui. Species listed but with no frequencies were not present at Paoanui						
	Total	1	2	3	4	5
Quadrats	129	36	28	22	19	24
<i>Acanthochiton zelandicus</i>						
<i>Actinothoe albacineta</i>						
<i>Adenocystis ultricularis</i>	23	17	0	3	3	0
<i>Amaurochiton glaucus</i>	1	0	1	0	0	0
<i>Anthopleura aureoradiata</i>	10	0	5	1	0	4
<i>Apophloea sinclairii</i>	2	0	0	0	2	0
Black Lichen	5	1	1	1	2	0
<i>Buccinulum multilineum</i>						
<i>Chamaespiho brunnea</i>	4	1	1	0	2	0
<i>Chaemosipho columna</i>	14	3	1	4	4	2
<i>Cellana denticulata</i>						
<i>Cellana flava</i>	1	1	0	0	0	0
<i>Carpophyllum flexuosum</i>						
<i>Cominella glandiformis</i>						
<i>Cominella maculosa</i>	17	2	8	4	0	3
<i>Carpophyllum maschalocarpum</i>						
<i>Cellana ornata</i>	7	2	0	1	3	1
<i>Carpophyllum plumosum</i>	2	1	0	0	0	1
<i>Cellana radians</i>	11	4	2	1	4	0
<i>Cystophora retroflexa</i>	8	0	2	1	0	5
<i>Cystophora torulosa</i>	19	4	4	5	0	6
<i>Cantharidella tessellata</i>						
<i>Carodiloma coracina</i>						
<i>Caulerpa brownii</i>	7	7	0	0	0	0
<i>Codium adhaerans</i>	3	0	3	0	0	0
<i>Colpomenia sinuosa</i>	46	7	13	8	7	11
<i>Cookia sulcata</i>	1	0	0	0	0	1
<i>Corallina</i> spp	106	32	24	16	12	22
<i>Coscinasterias calamaria</i>						
<i>Cyclograpsus laevauxi</i>	1	0	0	1	0	0
<i>Diloma arida</i>						
<i>Diloma bicanalicuta</i>						
<i>Diloma nigerrima</i>						
<i>Diloma</i> spp						
<i>Epopella plicata</i>	2	1	0	0	1	0
<i>Enteromorpha</i> spp						
<i>Evechinus chloroticus</i>						
grey lichen	1	0	0	0	1	0

Appendix 5. Frequency of Occurrence of each species in the 5 transects at Paoanui. Species listed but with no frequencies were not present at Paoanui						
	Total	1	2	3	4	5
<i>Glossophora kunthii</i>	8	5	0	1	0	2
<i>Hemigrapsus edwardsii</i>						
<i>Halicarcinus whitei</i>	2	0	1	0	0	1
<i>Halopteris spicigera</i>	10	5	0	2	2	1
<i>Haustrum haustorium</i>	15	3	6	3	1	2
hermit crab	25	7	2	9	2	5
<i>Heterozius rotundifrons</i>						
<i>Haliotis iris</i>						
<i>Hormosira banksii</i>	74	18	23	17	0	16
<i>Ischnochiton maorianus</i>						
<i>Isactinia sps</i>	18	1	7	1	0	9
<i>Isocladus armatus</i>	3	0	2	0	0	1
<i>Isocradactis magna</i>						
Isopods	1	0	0	0	1	0
<i>Jania micrarthroidia</i>	36	19	6	3	1	7
<i>Lepsiella scobina</i>	4	1	1	0	0	2
<i>Lithothamnion spp</i>						
<i>Littorina spp</i>	40	0	19	10	2	9
<i>Mitella spinosa</i>						
<i>Melagraphia aethiops</i>	24	4	6	2	1	11
<i>Microzonia velutina</i>						
<i>Mytilus edulis aoteanus</i>						
<i>Nerita atramentosa milanotragus</i>						
<i>Notomithrax ursus</i>	1	0	1	0	0	0
<i>Notheia anomala</i>						
<i>Onchidella nigricans</i>	4	0	0	1	3	0
orange anemone						
<i>Oulactis muscosa</i>						
<i>Ozius truncatus</i>						
<i>Patelloidia corticata</i>						
<i>Patierella regularis</i>						
<i>Petrolithes elongatus</i>	1	0	1	0	0	0
<i>Phlyctenactis tuberculosa</i>						
<i>Plagusia chabrus</i>						
<i>Plocamium costatum</i>	13	8	5	0	0	0
<i>Pomatoceros cariniferus</i>						
<i>Porphyra colombina</i>						
<i>Pterocladia spp</i>	2	2	0	0	0	0
<i>Sargassum sinclairii</i>	4	1	0	0	0	3

Appendix 5. Frequency of Occurrence of each species in the 5 transects at Paoanui. Species listed but with no frequencies were not present at Paoanui

	Total	1	2	3	4	5
<i>Scutus breviculus</i>						
<i>Scytothamnus australis</i>	13	2	3	3	3	2
<i>Siphonaria zelandica</i>						
<i>Spirobis</i> sp	2	0	2	0	0	0
<i>Splachnidium rugosum</i>	2	0	0	0	0	2
<i>Sypharochiton</i> sps	15	4	3	4	2	2
<i>Thais orbita</i>						
top shells	1	0	0	1	0	0
Tunicates						
<i>Turbo smaragdus</i>	50	14	16	5	1	14
<i>Ulva lactuca</i>	2	0	0	1	0	1
<i>Xenostrobus pulex</i>	3	1	0	1	1	0
<i>Xymene plebeius</i>						
Yellow Lichen	1	0	0	0	1	0
<i>Zeacumantus subcarinatus</i>	43	1	17	14	0	11
<i>Zonaria angusta</i>	3	3	0	0	0	0
<i>Zostera muelleri</i>	18	0	7	10	0	1

Appendix 6. Frequency of Occurrence of each species in the 5 transects at Pourerere. Species listed but with no frequencies were not present at Pourerere.

	Total	1	2	3	4	5
Species / Quadrats	149	31	35	28	34	21
<i>Acanthochiton zelandicus</i>						
<i>Actinothoe albacineta</i>						
<i>Adenocystis ultricularis</i>	5	1	4	0	0	0
<i>Amaurochiton glaucus</i>	17	0	4	2	4	7
<i>Anthopleura aureoradiata</i>						
<i>Apophloea sinclairii</i>	31	4	9	3	10	5
Black Lichen	17	5	4	4	0	4
<i>Buccinulum multilineum</i>						
<i>Chamaespiho brunnea</i>	8	2	1	3	1	1
<i>Chaemosipho columna</i>	13	7	1	3	0	2
<i>Cellana denticulata</i>	6	0	0	0	0	6
<i>Cellana flava</i>	1	0	0	1	0	0
<i>Carpophyllum flexuosum</i>						
<i>Cominella glandiformis</i>	20	7	6	1	5	1
<i>Cominella maculosa</i>	20	4	7	5	3	1
<i>Carpophyllum maschalocarpum</i>						
<i>Cellana ornata</i>	8	3	0	1	0	4

Appendix 6. Frequency of Occurrence of each species in the 5 transects at Pourerere. Species listed but with no frequencies were not present at Pourerere.						
	Total	1	2	3	4	5
<i>Carpophyllum plumosum</i>	1	0	0	0	1	0
<i>Cellana radians</i>	18	4	2	3	2	7
<i>Cystophora retroflexa</i>	5	0	1	4	0	0
<i>Cystophora torulosa</i>	15	1	2	10	0	2
<i>Cantharidella tessellata</i>	1	0	0	0	0	1
<i>Carodiloma coracina</i>						
<i>Caulerpa brownii</i>						
<i>Codium adhaerans</i>	78	5	27	21	13	12
<i>Colpomenia sinuosa</i>	44	7	1	9	19	8
<i>Cookia sulcata</i>	1	0	0	0	1	0
<i>Corallina</i> spp	129	27	31	27	28	16
<i>Coscinasterias calamaria</i>	3	0	0	2	0	1
<i>Cyclograpsus laevauxi</i>	1	0	1	0	0	0
<i>Diloma arida</i>	3	0	0	0	0	3
<i>Diloma bicanalicuta</i>						
<i>Diloma nigerrima</i>						
<i>Diloma</i> spp						
<i>Epopella plicata</i>	7	3	3	0	1	0
<i>Enteromorpha</i> spp						
<i>Evechinus chloroticus</i>	2	0	1	1	0	0
grey lichen						
<i>Glossophora kunthii</i>						
<i>Hemigrapsus edwardsii</i>						
<i>Halimacarcinus whitei</i>	2	0	0	0	1	1
<i>Halopteris spicigera</i>						
<i>Haustrum haustorium</i>	16	2	2	7	0	5
hermit crab	18	0	10	3	2	3
<i>Heterozius rotundifrons</i>						
<i>Haliotis iris</i>						
<i>Hormosira banksii</i>	118	24	29	27	22	16
<i>Ischnochiton maorianus</i>	22	0	5	4	4	9
<i>Isactinia</i> sps	5	2	0	2	0	1
<i>Isocladus armatus</i>						
<i>Isocradactis magna</i>	1	0	0	0	0	1
Isopods						
<i>Jania micrarthroidia</i>						
<i>Lepsiella scobina</i>	22	7	6	5	1	3
<i>Lithothamnion</i> spp	1	0	0	0	1	0
<i>Littorina</i> spp	93	19	26	18	26	4

Appendix 6. Frequency of Occurrence of each species in the 5 transects at Pourerere. Species listed but with no frequencies were not present at Pourerere.						
	Total	1	2	3	4	5
<i>Mitella spinosa</i>	2	2	0	0	0	0
<i>Melagraphia aethiops</i>	73	8	22	13	18	12
<i>Microzonia velutina</i>						
<i>Mytilus edulis aoteanus</i>						
<i>Nerita atramentosa milanotragus</i>						
<i>Notomithrax ursus</i>	4	0	1	1	0	2
<i>Notheia anomala</i>	22	7	9	4	1	1
<i>Onchidella nigricans</i>	4	1	3	0	0	0
orange anemone						
<i>Oulactis muscosa</i>	9	0	1	2	6	0
<i>Ozius truncatus</i>						
<i>Patelloidia corticata</i>						
<i>Patierella regularis</i>	5	0	3	0	0	2
<i>Petrolithes elongatus</i>	7	1	1	0	0	5
<i>Phlyctenactis tuberculosa</i>	1	1	0	0	0	0
<i>Plagusia chabrus</i>						
<i>Plocamium costatum</i>						
<i>Pomatoceros cariniferus</i>	3	2	0	0	0	1
<i>Porphyra colombina</i>						
<i>Pterocladia</i> spp						
<i>Sargassum sinclairii</i>	2	0	0	2	0	0
<i>Scutus breviculus</i>	4	0	2	2	0	0
<i>Scytothamnus australis</i>	17	1	3	6	2	5
<i>Siphonaria zelandica</i>	6	2	0	0	3	1
<i>Spirobis</i> sp	22	1	6	8	2	5
<i>Splachnidium rugosum</i>	3	0	0	0	3	0
<i>Sypharochiton</i> sps	30	4	4	4	10	8
<i>Thais orbita</i>						
top shells						
Tunicates						
<i>Turbo smaragdus</i>	89	15	20	15	27	12
<i>Ulva lactuca</i>	6	0	0	0	5	1
<i>Xenostrobus pulex</i>	1	0	0	0	0	1
<i>Xymene plebeius</i>	2	0	1	1	0	0
Yellow Lichen	2	0	0	2	0	0
<i>Zeacumantus subcarinatus</i>	67	21	17	12	15	2
<i>Zonaria angusta</i>						
<i>Zostera muelleri</i>	39	6	10	5	8	10

Appendix 7. Frequency of Occurrence of each species in the 5 transects at Whangaehu. Species listed but with no frequencies were not present at Whangaehu.			
	Total	1	2
Species / Quadrats	40	19	21
<i>Acanthochiton zelandicus</i>			
<i>Actinothoe albacincta</i>			
<i>Adenocystis ultricularis</i>			
<i>Amaurochiton glaucus</i>	2	2	0
<i>Anthopleura aureoradiata</i>			
<i>Apophloea sinclairii</i>	4	3	1
Black Lichen	1	0	1
<i>Buccinum multilinum</i>			
<i>Chamaespiho brunnea</i>	3	2	1
<i>Chaemosipho columna</i>	4	2	2
<i>Cellana denticulata</i>	1	0	1
<i>Cellana flava</i>	6	3	3
<i>Carpophyllum flexuosum</i>			
<i>Cominella glandiformis</i>			
<i>Cominella maculosa</i>	1	0	1
<i>Carpophyllum maschalocarpum</i>	2	1	1
<i>Cellana ornata</i>	6	4	2
<i>Carpophyllum plumosum</i>	5	2	3
<i>Cellana radians</i>	10	5	5
<i>Cystophora retroflexa</i>			
<i>Cystophora torulosa</i>	3	1	2
<i>Cantharidella tessellata</i>	1	1	0
<i>Carodiloma coracina</i>	1	1	0
<i>Caulerpa brownii</i>			
<i>Codium adhaerans</i>			
<i>Colpomenia sinuosa</i>	5	0	5
<i>Cookia sulcata</i>			
<i>Corallina</i> spp	21	9	12
<i>Coscinasterias calamaria</i>			
<i>Cyclograpsus laevauxi</i>	1	0	1
<i>Diloma arida</i>			
<i>Diloma bicanalicuta</i>			
<i>Diloma nigerrima</i>			
<i>Diloma</i> spp	1	1	0
<i>Epopella plicata</i>	2	1	1
<i>Enteromorpha</i> spp	4	0	4
<i>Evechinus chloroticus</i>	1	1	0
grey lichen			

Appendix 7. Frequency of Occurrence of each species in the 5 transects at Whangaehu. Species listed but with no frequencies were not present at Whangaehu.			
	Total	1	2
<i>Glossophora kunthii</i>	1	0	1
<i>Hemigrapsus edwardsii</i>			
<i>Halicarcinus whitei</i>			
<i>Halopteris spicigera</i>	3	0	3
<i>Haustrum haustorium</i>	3	3	0
hermit crab	1	1	0
<i>Heterozius rotundifrons</i>			
<i>Haliotis iris</i>			
<i>Hormosira banksii</i>	10	4	6
<i>Ischnochiton maorianus</i>	1	1	0
<i>Isactinia</i> sps	2	2	0
<i>Isocladus armatus</i>			
<i>Isocradactis magna</i>	1	1	0
Isopods			
<i>Jania micrarthroidia</i>			
<i>Lepsiella scobina</i>	3	2	1
<i>Lithothamnion</i> spp	12	7	5
<i>Littorina</i> spp	17	10	7
<i>Mitella spinosa</i>			
<i>Melagraphia aethiops</i>	14	10	4
<i>Microzonia velutina</i>			
<i>Mytilus edulis aoteanus</i>	1	0	1
<i>Nerita atramentosa milanotragus</i>			
<i>Notomithrax ursus</i>			
<i>Notheia anomala</i>			
<i>Onchidella nigricans</i>	4	3	1
orange anemone			
<i>Oulactis muscosa</i>	4	3	1
<i>Ozius truncatus</i>			
<i>Patelloidia corticata</i>	1	1	0
<i>Patierella regularis</i>			
<i>Petrolithes elongatus</i>	2	2	0
<i>Phlyctenactis tuberculosa</i>			
<i>Plagusia chabrus</i>			
<i>Plocamium costatum</i>			
<i>Pomatoceros cariniferus</i>	1	1	0
<i>Porphyra colombina</i>	8	5	3
<i>Pterocladia</i> spp			
<i>Sargassum sinclairii</i>			

Appendix 7. Frequency of Occurrence of each species in the 5 transects at Whangaehu. Species listed but with no frequencies were not present at Whangaehu.

	Total	1	2
<i>Scutus breviculus</i>			
<i>Scytothamnus australis</i>	2	1	1
<i>Siphonaria zelandica</i>	1	0	1
<i>Spirobis</i> sp	1	1	0
<i>Splachnidium rugosum</i>			
<i>Sypharochiton sps</i>	9	6	3
<i>Thais orbita</i>			
top shells			
Tunicates			
<i>Turbo smaragdus</i>	15	6	9
<i>Ulva lactuca</i>	5	0	5
<i>Xenostrobus pulex</i>	1	0	1
<i>Xymene plebeius</i>			
Yellow Lichen			
<i>Zeacumantus subcarinatus</i>			
<i>Zonaria angusta</i>	2	1	1
<i>Zostera muelleri</i>			

Appendix 8. List of Frequency of Occurrence of all species at each location. Aram - Aramoana, Black - BlackHead, Kairak - Kairakau, Mang - Mangakuri, Paoan - Paoanui, Pour - Pourere, Whan - Whangaehu.

	Aram	Black	Kairak	Mang	Paoan	Pour	Whan
Number of Quadrats	184	189	113	104	129	149	40
<i>Acanthochiton zelandicus</i>			1				
<i>Actinothoe albacineta</i>	3			3			
<i>Adenocystis ultricularis</i>	22				23	5	
<i>Amaurochiton glaucus</i>	6	4	14	27	1	17	2
<i>Anthopleura aureoradiata</i>	8		1		10		
<i>Apophloea sinclairii</i>	18	16	15	13	2	31	4
Black Lichen	10	9	8	11	5	17	1
<i>Buccinum multilineum</i>				1			
<i>Chamaespiho brunnea</i>	5	13	7	3	4	8	3
<i>Chaemosipho columna</i>	10	19	11	13	14	13	4
<i>Cellana denticulata</i>		1	4	4		6	1
<i>Cellana flava</i>	2	8			1	1	6
<i>Carpophyllum flexuosum</i>		2	3				
<i>Cominella glandiformis</i>	30	2	4			20	
<i>Cominella maculosa</i>	30	24	5	3	17	20	1
<i>Carpophyllum maschalocarpum</i>		13	5	2			2
<i>Cellana ornata</i>	3	15	11	17	7	8	6



Appendix 8. List of Frequency of Occurrence of all species at each location. Aram - Aramoana, Black - BlackHead, Kairak - Kairakau, Mang - Mangakuri, Paoan - Paoanui, Pour - Pourere, Whan - Whangaehu.							
	Aram	Black	Kairak	Mang	Paoan	Pour	Whan
<i>Carpophyllum plumosum</i>	3	18	18	3	2	1	5
<i>Cellana radians</i>	11	27	20	33	11	18	10
<i>Cystophora retroflexa</i>	12	12	5	4	8	5	
<i>Cystophora torulosa</i>	18	26	26	30	19	15	3
<i>Cantharidella tessellata</i>						1	1
<i>Carodiloma coracina</i>							1
<i>Caulerpa brownii</i>					7		
<i>Codium adhaerans</i>	103	70	6	8	3	78	
<i>Colpomenia sinuosa</i>	81	54	35	4	46	44	5
<i>Cookia sulcata</i>	1	4		1	1	1	
<i>Corallina</i> spp	158	158	69	65	106	129	21
<i>Coscinasterias calamaria</i>		2				3	
<i>Cyclograpsus laevauxi</i>	2	1	1	6	1	1	1
<i>Diloma arida</i>						3	
<i>Diloma bicanalicuta</i>			4	1			
<i>Diloma nigerrima</i>			10				
<i>Diloma</i> spp							1
<i>Epopella plicata</i>	4	10	1		2	7	2
<i>Enteromorpha</i> spp							4
<i>Evechinus chloroticus</i>	2	12		1		2	1
grey lichen					1		
<i>Glossophora kunthii</i>		4			8		1
<i>Hemigrapsus edwardsii</i>	3			3			
<i>Halicarcinus whitei</i>	2				2	2	
<i>Halopterus spicigera</i>	1	10	4	13	10		3
<i>Haustrum haustorium</i>	22	19	6	11	15	16	3
hermit crab	30	16	10	4	25	18	1
<i>Heterozius rotundifrons</i>			3				
<i>Haliotis iris</i>	2	3		1			
<i>Hormosira banksii</i>	153	137	58	64	74	118	10
<i>Ischnochiton maorianus</i>	6	4	9	13		22	1
<i>Isactinia</i> sps	9	25	3	1	18	5	2
<i>Isocladus armatus</i>				1	3		
<i>Isocradactis magna</i>	1	1		1		1	1
Isopods			1		1		
<i>Jania micrarthroidia</i>	2	1			36		
<i>Lepsiella scobina</i>	33	18	8	14	4	22	3
<i>Lithothamnion</i> spp		63	4	10		1	12
<i>Littorina</i> spp	59	56	23	18	40	93	17
<i>Mitella spinosa</i>		3	1			2	
<i>Melagraphia aethiops</i>	120	78	64	55	24	73	14

Appendix 8. List of Frequency of Occurrence of all species at each location. Aram - Aramoana, Black - BlackHead, Kairak - Kairakau, Mang - Mangakuri, Paoan - Paoanui, Pour - Pourere, Whan - Whangaehu.							
	Aram	Black	Kairak	Mang	Paoan	Pour	Whan
<i>Microzonia velutina</i>		2	3	1			
<i>Mytilus edulis aoteanus</i>							1
<i>Nerita atramentosa milanotragus</i>		2	3				
<i>Notomithrax ursus</i>	2	4		0	1	4	
<i>Notheia anomala</i>		18	6	5		22	
<i>Onchidella nigricans</i>		9		3	4	4	4
orange anemone			1				
<i>Oulactis muscosa</i>		26				9	4
<i>Ozius truncatus</i>		1	12				
<i>Patelloidia corticata</i>	1			0			1
<i>Patierella regularis</i>	6		3	3		5	
<i>Petrolithes elongatus</i>		3	25	18	1	7	2
<i>Phlyctenactis tuberculosa</i>						1	
<i>Plagusia chabrus</i>		2	1				
<i>Plocamium costatum</i>		2		0	13		
<i>Pomatoceros cariniferus</i>	1	3	11	15		3	1
<i>Porphyra colombina</i>		1	2				8
<i>Pterocladia spp</i>		1	3		2		
<i>Sargassum sinclairii</i>	1	3	4	2	4	2	
<i>Scutus breviculus</i>	1	1				4	
<i>Scytothamnus australis</i>	16	12	15	42	13	17	2
<i>Siphonaria zelandica</i>		3	2			6	1
<i>Spirobis sp</i>	33	6	11	31	2	22	1
<i>Splachnidium rugosum</i>					2	3	
<i>Sypharochiton sps</i>	56	55	38	57	15	30	9
<i>Thais orbita</i>		1	1				
top shells					1		
Tunicates			1				
<i>Turbo smaragdus</i>	109	115	67	60	50	89	15
<i>Ulva lactuca</i>	7	34	1		2	6	5
<i>Xenostrobus pulex</i>		2		2	3	1	1
<i>Xymene plebeius</i>						2	
Yellow Lichen			2	10	1	2	
<i>Zeacumantus subcarinatus</i>	58	24	8	7	43	67	
<i>Zonaria angusta</i>	6	14	6	4	3		2
<i>Zostera muelleri</i>	22	16	33	9	18	39	

**Appendix 9.** Pearson Correlation Coefficient Matrix on the 83 species found in the 35 different transects. The italicized values were not significant as determined using a Bonferroni-adjusted probability.

	AR1	AR2	AR3	AR4	AR5
AR1	1				
AR2	0.909	1			
AR3	0.883	0.918	1		
AR4	0.926	0.933	0.926	1	
AR5	0.937	0.903	0.843	0.884	1
B1	0.805	0.896	0.849	0.849	0.791
B2	0.902	0.874	0.865	0.9	0.905
B3	0.766	0.765	0.773	0.772	0.773
B4	0.739	0.723	0.614	0.71	0.783
B5	0.824	0.775	0.784	0.842	0.8
B6	0.687	0.749	0.745	0.697	0.711
B7	0.688	0.714	0.713	0.681	0.738
B8	0.783	0.78	0.792	0.787	0.837
KA1	0.834	0.705	0.747	0.759	0.775
KA2	0.811	0.722	0.785	0.769	0.768
KA3	0.871	0.772	0.755	0.854	0.821
KA4	0.727	0.651	0.65	0.711	0.696
KA5	0.698	0.682	0.716	0.675	0.707
MA1	0.596	0.463	<i>0.379</i>	0.488	0.563
MA2	0.816	0.677	0.665	0.741	0.758
MA3	0.685	0.613	0.591	0.633	0.621
MA4	0.766	0.679	0.629	0.718	0.696
MA5	0.836	0.746	0.69	0.761	0.799
PA1	0.604	0.61	0.62	0.607	0.607
PA2	0.766	0.841	0.858	0.789	0.705
PA3	0.729	0.737	0.761	0.702	0.617
PA4	0.469	0.491	0.512	0.407	0.509
PA5	0.798	0.809	0.848	0.799	0.745
PO1	0.775	0.861	0.818	0.822	0.727
	<b>AR1</b>	<b>AR2</b>	<b>AR3</b>	<b>AR4</b>	<b>AR5</b>
PO2	0.832	0.907	0.855	0.908	0.803
PO3	0.885	0.921	0.898	0.895	0.853
PO4	0.813	0.898	0.897	0.882	0.817
PO5	0.849	0.78	0.766	0.827	0.83
WH1	0.551	0.579	0.514	0.554	0.566
WH2	0.603	0.672	0.684	0.639	0.631