

**Appendix 2.** Information about season of injury, sex, age at time of injury, discipline, injury type, diagnosis and severity (absence) of the 57 analysed head impact injury cases. Abbreviations: Alpine: SG: super-G, DH: downhill, GS: giant slalom, SL: slalom, SGSC: super-G part of super combined competition, Freestyle: SX: ski cross, AE: aerials, HP: halfpipe, SS: ski slopestyle, Snowboard: SBX: snowboard cross, SBS: snowboard slopestyle.

## **ALPINE**

<b>SEASON</b>	<b>SEX</b>	<b>AGE</b>	<b>CATEGORY</b>	<b>DISCIPLINE</b>	<b>INJURY TYPE</b>	<b>ABSENCE</b>	<b>DIAGNOSIS</b>
2006/07	Male	29	WC	SG	Nervous system including Concussion	1 to 3 days	Concussion
2006/07	Male	22	WC	DH	Laceration and skin lesion	8 to 28 days	Skin laceration face
2006/07	Female	21	WC	DH	Nervous system including Concussion	> 28 days	Concussion
2006/07	Male	34	WC	DH	Nervous system including concussion	> 28 days	Concussion
2007/08	Female	20	WC	DH	Nervous system including Concussion	4 to 7 days	Concussion
2007/08	Female	24	WC	SG	Nervous system including Concussion	> 28 days	Concussion
2007/08	Male	27	WC	SG	Fractures and bone stress	> 28 days	Crus fracture + concussion
2007/08	Male	30	WC	DH	Nervous system including concussion	No info.	Concussion
2008/09	Female	25	WC	DH	Nervous system including Concussion	4 to 7 days	Concussion
2008/09	Male	39	WC	DH	Nervous system including Concussion	4 to 7 days	Concussion
2008/09	Male	27	WC	SG	Joint (non-bone) and ligament*	> 28 days	Anterior cruciate ligament total tear + concussion
2008/09	Male	30	WC	GS	Nervous system including concussion	No info.	Concussion
2009/10	Female	19	WC	SL	Fractures and bone stress	8 to 28 days	Cranial trauma, Concussion
2009/10	Female	20	WC	SG	Laceration and skin lesion	1 to 3 days	Skin laceration

2009/10	Female	24	OWG	DH	Nervous system including Concussion	4 to 7 days	Concussion
2009/10	Male	40	OWG	SG	Nervous system including Concussion	8 to 28 days	Concussion, laceration face
2010/11	Male	25	WC	DH	Nervous system including Concussion	> 28 days	Concussion
2010/11	Male	41	WC	DH	Nervous system including Concussion	8 to 28 days	Concussion
2010/11	Male	29	TRA	DH	Nervous system including Concussion	> 28 days	Concussion ++ (fracture back x 2, lung collapse, fracture ribs)
2010/11	Female	24	WC	DH	Nervous system including Concussion	8 to 28 days	Concussion
2011/12	Male	26	WC	SG	Nervous system including Concussion	> 28 days	Concussion
2012/13	Male	24	WC	SG	Fractures and bone stress	> 28 days	Nose fracture + broken teeth
2012/13	Male	23	WC	SG	Nervous system including Concussion	> 28 days	Concussion
2012/13	Female	25	WC	SL	Contusions	No info.	Contusion head
2014/15	Male	27	WC	DH	Nervous system including Concussion	8 to 28 days	Concussion
2014/15	Female	24	WC	DH	Nervous system including Concussion	> 28 days	Concussion
2014/15	Female	33	WC	SG	Fractures and bone stress	8 to 28 days	Jaw fracture + knocked out teeth
2014/15	Male	26	WC	SGSC	Nervous system including concussion	> 28 days	Concussion
2015/16	Male	25	WC	GS	Other injury type	No absence	Possible concussion

### **FREESTYLE**

<b>SEASON</b>	<b>SEX</b>	<b>AGE</b>	<b>CATEGORY</b>	<b>DISCIPLINE</b>	<b>INJURY TYPE</b>	<b>ABSENCE</b>	<b>DIAGNOSIS</b>
2007/08	Male	18	WC	SX	Nervous system including Concussion	4 to 7 days	Concussion
2008/09	Female	24	WC	SX	Nervous system including Concussion	8 to 28 days	Concussion
2009/10	Male	24	WC	SX	Contusions	4 to 7 days	Unknown
2009/10	Male	26	WC	SX	Laceration and skin lesion	4 to 7 days	Cut in the lip

2009/10	Female	17	WC	SX	Nervous system including Concussion	No info.	Concussion
2010/11	Female	17	WC	AE	Nervous system including Concussion	4 to 7 days	Concussion
2010/11	Female	21	WC	SX	Fractures and bone stress	1 to 3 days	Fractured nose
2010/11	Male	24	WC	SX	Nervous system including Concussion	> 28 days	Concussion
2011/12	Male	25	WC	AE	Other injury type	No absence	Chin + teeth injury
2012/13	Male	21	WC	HP	Nervous system including Concussion	4 to 7 days	Concussion
2012/13	Female	22	WC	SX	Nervous system including Concussion	8 to 28 days	Concussion
2012/13	Female	24	WC	SX	Nervous system including Concussion	No absence	Concussion
2012/13	Male	23	WC	SX	Nervous system including Concussion	8 to 28 days	Concussion
2015/16	Male	26	WC	AE	Fractures and bone stress	> 28 days	Fractured orbital floor
2013/14	Female	20	OWG	SS	Contusion/haematoma/bruise	No absence	Contusion

#### **SNOWBOARD**

<b>SEASON</b>	<b>SEX</b>	<b>AGE</b>	<b>CATEGORY</b>	<b>DISCIPLINE</b>	<b>INJURY TYPE</b>	<b>ABSENCE</b>	<b>DIAGNOSIS</b>
2007/08	Female	19	WC	SBX	Nervous system including Concussion	4 to 7 days	Concussion
2007/08	Female	30	WC	SBX	Nervous system including Concussion	8 to 28 days	Concussion
2008/09	Male	23	WC	SBX	Nervous system including Concussion	4 to 7 days	Concussion
2010/11	Female	21	WC	SBX	Nervous system including Concussion	8 to 28 days	Concussion
2011/12	Male	22	WC	SBX	Nervous system including Concussion	8 to 28 days	Concussion + Capsular problem right ankle
2013/14	Male	22	WC	SBX	Contusions	No absence	Head contusion

2013/14	Male	25	WC	SBX	Contusions	No absence	Unknown
2013/14	Male	22	WC	SBX	Contusions	No absence	Head contusion
2015/16	Female	26	WC	SBX	Nervous system including Concussion	8 to 28 days	Concussion
2015/16	Male	25	WC	SBX	Nervous system including Concussion	1 to 3 days	Concussion
2013/14	Female	27	OWG	SBX	Nervous system including concussion	8 to 28 days	Concussion
2013/14	Female	22	OWG	SBX	Concussion	4 to 7 days	Concussion
2013/14	Female	24	OWG	SBS	Concussion	No absence	Concussion

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