

Table 3. Percentages of sample by total and age group defined as mild traumatic brain injury by 17 definitions

Definition Number	Definition*	N total N= 11,907 N (%) [95% CI]	Age 3-5 years N= 4641 N (%) [95% CI]	Age 6-11 years N= 4593 N (%) [95% CI]	Age 12-16 years N= 2673 N (%) [95% CI]
<b><i>GCS Alone</i></b>					
1	Hollingworth <sup>31</sup>	11740 (98.6) [98.4- 98.8]	4590 (98.9) [98.6- 99.2]	4536 (98.8) [98.4- 99.1]	2614 (97.8) [97.2- 98.3]
2	Pentland <sup>32</sup>	11756 (98.7) [98.5- 98.9]	4597 (99.1) [98.7- 99.3]	4542 (98.9) [98.5- 99.2]	2617 (97.9) [97.3- 98.4]
<b><i>GCS and Clinical Symptoms</i></b>					
3	Levin <sup>34</sup>	841 (7.1) [6.6- 7.5]	122 (2.6) [2.2- 3.1]	265 (5.8) [5.1- 6.5]	454 (17.0) [15.6- 18.5]
4	Hawley <sup>34</sup> (Using BSRM <sup>35</sup> definition)	883 (7.4) [7.0-7.9]	127 (2.7) [2.3- 3.3]	280 (6.1) [5.4-6.8]	476 (17.8) [16.4-19.3]
5	Halley <sup>36</sup>	1599 (13.4) [12.8- 14.1]	198 (4.3) [3.7- 4.9]	567 (12.3) [11.4- 13.3]	834 (31.2) [29.5- 33.0]
6	Babikan <sup>37</sup> (Using AIS <sup>38</sup> definition)	2022 (17.0) [16.3- 17.7]	413 (8.9) [8.1- 9.8]	835 (18.2) [17.1- 19.3]	774 (29.0) [27.2- 30.7]
7	Grubenhoff <sup>39</sup>	2406 (20.2) [19.5- 20.9]	371 (8.0) [7.2- 8.8]	939 (20.4) [19.3- 21.6]	1096 (41.0) [39.1- 42.9]
8	Yeates <sup>40-44</sup>	2542 (21.4) [20.6- 22.1]	510 (11.0) [10.1- 11.9]	1044 (22.7) [21.5- 24.0]	988 (37.0) [35.1- 38.8]
9	Tham <sup>45</sup>	3786 (31.8) [31.0- 32.6]	946 (20.4) [19.2- 21.6]	1458 (31.7) [30.4- 33.1]	1382 (51.7) [49.8- 53.6]
10	Gagnon <sup>46-48</sup> (Using ACRM <sup>7</sup> definition)	3865 (32.5) [31.6-33.3]	928 (20.0) [18.9- 21.2]	1518 (33.1) [31.7- 34.4]	1419 (53.1) [51.2- 55.0]

<b><i>GCS, Clinical Symptoms and Neuroimaging</i></b>					
11	Roncadin <sup>49</sup>	1209 (10.2) [9.6- 10.7]	253 (5.5) [4.8- 6.1]	411 (9.0) [8.1- 9.8]	545 (20.4) [18.9- 22.0]
12	Anderson <sup>50-53</sup>	2536 (21.3) [20.6- 22.0]	653 (14.1) [13.1- 15.1]	966 (21.0) [19.9- 22.2]	917 (34.3) [32.5- 36.1]
13	Blinman <sup>54</sup>	2648 (22.2) [21.5-23.0]	790 (17.0) [16.0-18.1]	1057 (23.0) [21.8-24.3]	801 (30.0) [28.2- 31.7]
14	Spencer <sup>55</sup>	5181 (43.5) [42.6- 44.4]	1324 (28.5) [27.2- 29.9]	2171 (47.3) [45.8- 48.7]	1686 (63.1) [61.2- 64.9]
15	Luis <sup>56</sup>	11222 (94.3) [93.8- 94.7]	4473 (96.4) [95.8- 96.9]	4328 (94.2) [93.5- 94.9]	2421 (90.6) [89.4- 91.7]
<b><i>Clinical Symptoms Only</i></b>					
16	AbdelMalik <sup>57</sup> (Using Geyde <sup>58</sup> definition)	G2: 8008 (67.3) [66.4- 68.1] G3: 2119 (17.8) [17.1- 18.5] G4: 2035 (17.1) [16.4- 17.8]	G2: 3643 (78.5) [77.3- 79.7] G3: 631 (13.6) [12.6- 14.6] G4: 229 (4.9) [4.3- 5.6]	G2: 3092 (67.3) [65.9- 68.7] G3: 845 (18.4) [17.3- 19.6] G4: 814 (17.7) [16.6- 18.9]	G2: 1273 (47.6) [45.7-49.5] G3: 643 (24.1) [22.5-25.7] G4: 992 (37.1) [35.3- 39.0]
17	Korinthenberg <sup>59</sup>	9879 (83.0) [82.3-83.6]	4080 (87.9) [86.9-88.8]	3800 (82.7) [81.6- 83.8]	1999 (74.8) [73.1-76.4]

AIS= Abbreviated Injury Scale, ACRM= American Congress of Rehabilitation Medicine, BSRM= British Sports of Rehabilitation Medicine,  
\*definition named for primary author