Table 1: Number of LLMs tested in each study.

|  |  |  |
| --- | --- | --- |
| **LLM/Reference** | **Frequency** | **References** |
| 2 | 26 | [3], [4], [7], [18], [20], [22], [24], [25],  [32], [35], [36], [38], [41], [43], [45]-[47],[52], [53], [55], [59]–[64]. |
| 3 | 28 | [1], [5], [6], [10], [11], [14], [17], [19],  [23], [26], [27], [29]–[31], [33], [34], [37],  [39], [40], [42], [44], [49], [50], [56], [57], [65], [67], [68]. |
| 4 | 12 | [2], [8], [9], [13], [15], [16], [21], [28],  [48], [51], [54], [66]. |
| 5 | 1 | [69]. |
| 8 | 1 | [58]. |
| 10 | 1 | [12]. |

Table 2. The number of PEM evaluation metrics used across included studies

|  |  |  |
| --- | --- | --- |
| **Metrics/Reference** | **Frequency** | **References** |
| 1 | 8 | [8], [12], [14], [24], [29], [35], [52], [58]. |
| 2 | 10 | [4], [32], [36], [37], [42], [45], [62], [63], [65], [68]. |
| 3 | 17 | [3], [6], [15], [17], [18], [25], [27], [31],  [33], [34], [44], [48], [57], [61], [64], [66], [67]. |
| 4 | 20 | [1], [2], [5], [11], [13], [16], [20], [21], [23], [26], [28], [38]–[40], [43], [49], [53], [55], [56], [69]. |
| 5 | 10 | [7], [9], [10], [22], [30], [46], [47], [50], [51], [54]. |
| 6 | 2 | [19], [59]. |
| 7 | 1 | [60]. |
| 9 | 1 | [41]. |

Table 3. Summary of accuracy measurement methods and their frequency of use across the included studies.

|  |  |  |
| --- | --- | --- |
| **Accuracy Testing Method** | **Frequency** | **References** |
| Reputable Medical Sources | 1 | [62]. |
| Clinical Guidelines &  Reputable Medical Sources | 2 | [10], [36]. |
| Clinical Guidelines | 7 | [1], [4], [31], [33], [58], [63], [67]. |
| NA | 15 | [8], [9], [14], [15], [17], [19], [24], [35], [37], [45], [52], [57], [61], [64], [65]. |
| Expert Opinion | 44 | [2], [3], [5]–[7], [11]–[13], [16], [18],  [20]–[23], [25]–[30], [32], [34], [38]–[44],  [46]–[51], [53]–[56], [59], [60], [66], [68], [69]. |

Table 4. The distribution of readability test count per study.

|  |  |  |
| --- | --- | --- |
| **Readability Tests/Reference** | **Frequency** | **References** |
| 1 | 25 | [2], [3], [6], [7], [13], [16], [17], [20], [23]–[26], [28], [30], [38], [41], [48], [51], [53], [55], [59], [60], [62]–[64]. |
| 2 | 9 | [1], [34], [42], [49], [50], [54], [56], [66], [67]. |
| 3 | 9 | [9]–[11], [21], [31], [47], [52], [57], [65]. |
| 4 | 1 | [46]. |
| 5 | 1 | [44]. |
| 7 | 6 | [8], [14], [15], [35], [45], [61]. |
| NA | 18 | [4], [5], [12], [18], [19], [22], [27], [29], [32], [33], [36], [37], [39], [40], [43], [58], [68], [69]. |