**Supplementary material 1: Search keywords and output**

| Database | Search strategy | Articles retrieved |
|---|---|---|
| **PubMed** | *(((((((((((eHealth[Title/Abstract]) OR Telemedicine[Title/Abstract]) OR Telehealth[Title/Abstract]) OR mHealth[Title/Abstract]* OR mobile health[Title/Abstract] *) OR web based[Title/Abstract]) OR internet[Title/Abstract]* OR *web-based[Title/Abstract]) OR Digital media[Title/Abstract]) OR short message service[Title/Abstract]) OR text message$[Title/Abstract]) OR videogame$[Title/Abstract]) OR Health game$[Title/Abstract] AND Type 2 Diabetes* | **624** |
| **Psych Info** | *(mHealth OR mobile Health OR eHealth OR Internet OR web based intervention OR mobile app OR web-based OR Digital media OR Telemedicine OR Telehealth OR Videogame OR Health game) AND (Type 2 Diabetes)* | **5** |
| **Web of Science** | *(eHealth OR mHealth OR mobile Health OR Telemedicine OR Telehealth OR web based intervention OR internet OR web-based OR Digital media OR short message service OR text message$ OR videogame$ OR Health game$) AND ("Type 2 Diabetes")* | **775** |