

## 6.2. Resultat tabeller

Följande tabeller och diagram redovisar alla testresultat för tabellsidan.

Tabell 2. Respektive ramverks laddningstider för tabell-testerna samt testernas medianvärde. Tiderna anges i millisekund (ms).

Tabeller	Materialize	Bootstrap	Bulma
Test 1	221	199	123
Test 2	234	239	113
Test 3	184	229	158
Test 4	237	173	120
Test 5	200	170	173
Test 6	213	233	108
Test 7	192	188	205
Test 8	152	193	164
Test 9	190	177	147
Test 10	159	205	108
Test 11	178	179	117
Test 12	204	192	141
Test 13	194	213	164
Test 14	184	176	123
Test 15	224	215	117
Median	194	193	123

## 6.3. Resultat formulär

Följande tabeller och diagram redovisar alla testresultat för formulärsidan.

Tabell 3. Respektive ramverks laddningstider för formulär-testerna samt testernas medianvärde. Tiderna anges i millisekund (ms).

Formulär	Materialize	Bootstrap	Bulma
Test 1	218	646	154
Test 2	210	168	131
Test 3	205	192	148
Test 4	197	159	147
Test 5	197	165	150

Test 6	201	229	155
Test 7	213	157	149
Test 8	206	222	182
Test 9	217	173	131
Test 10	201	190	209
Test 11	205	160	209
Test 12	212	223	196
Test 13	192	171	192
Test 14	201	210	199
Test 15	215	225	213
Median	205	190	155

#### 6.4. Resultat tabeller och formulär

Följande tabeller och diagram redovisar alla testresultat för tabell- och formulärsidan.

Tabell 4. Respektive ramverks laddningstider för kombination-testerna samt testernas medianvärde. Tiderna anges i millisekund (ms).

Tabeller	Materialize	Bootstrap	Bulma
Test 1	205	180	177
Test 2	210	200	151
Test 3	247	222	153
Test 4	197	206	177
Test 5	229	180	149
Test 6	228	178	142
Test 7	211	174	212
Test 8	211	190	145
Test 9	220	187	153
Test 10	261	186	145
Test 11	242	168	146
Test 12	220	258	143
Test 13	210	182	174
Test 14	220	178	148
Test 15	238	201	142
Median	220	186	149

## 6.5. Mätningar

Länkar till testerna som utförts på Pingdom:

Tabell 5. Visar länkarna till de olika Pingdomtesten för tabellsidan för respektive ramverk.

Tabeller	Materialize	Bootstrap	Bulma
Test 1	<a href="https://tools.pingdom.com/#5e0b0f0a34c00000">https://tools.pingdom.com/#5e0b0f0a34c00000</a>	<a href="https://tools.pingdom.com/#5e0b134d44400000">https://tools.pingdom.com/#5e0b134d44400000</a>	<a href="https://tools.pingdom.com/#5e0b17d2ad800000">https://tools.pingdom.com/#5e0b17d2ad800000</a>
Test 2	<a href="https://tools.pingdom.com/#5e0b0f5b04c00000">https://tools.pingdom.com/#5e0b0f5b04c00000</a>	<a href="https://tools.pingdom.com/#5e0b13940f400000">https://tools.pingdom.com/#5e0b13940f400000</a>	<a href="https://tools.pingdom.com/#5e0b181003400000">https://tools.pingdom.com/#5e0b181003400000</a>
Test 3	<a href="https://tools.pingdom.com/#5e0b0fad81800000">https://tools.pingdom.com/#5e0b0fad81800000</a>	<a href="https://tools.pingdom.com/#5e0b13d015000000">https://tools.pingdom.com/#5e0b13d015000000</a>	<a href="https://tools.pingdom.com/#5e0b186249c00000">https://tools.pingdom.com/#5e0b186249c00000</a>
Test 4	<a href="https://tools.pingdom.com/#5e0b0fef82c00000">https://tools.pingdom.com/#5e0b0fef82c00000</a>	<a href="https://tools.pingdom.com/#5e0b1424ed800000">https://tools.pingdom.com/#5e0b1424ed800000</a>	<a href="https://tools.pingdom.com/#5e0b189e2a800000">https://tools.pingdom.com/#5e0b189e2a800000</a>
Test 5	<a href="https://tools.pingdom.com/#5e0b10431e400000">https://tools.pingdom.com/#5e0b10431e400000</a>	<a href="https://tools.pingdom.com/#5e0b146267c00000">https://tools.pingdom.com/#5e0b146267c00000</a>	<a href="https://tools.pingdom.com/#5e0b18f3b4400000">https://tools.pingdom.com/#5e0b18f3b4400000</a>
Test 6	<a href="https://tools.pingdom.com/#5e0b109c25800000">https://tools.pingdom.com/#5e0b109c25800000</a>	<a href="https://tools.pingdom.com/#5e0b14ba1f800000">https://tools.pingdom.com/#5e0b14ba1f800000</a>	<a href="https://tools.pingdom.com/#5e0b19302a800000">https://tools.pingdom.com/#5e0b19302a800000</a>
Test 7	<a href="https://tools.pingdom.com/#5e0b10e56ac00000">https://tools.pingdom.com/#5e0b10e56ac00000</a>	<a href="https://tools.pingdom.com/#5e0b151482000000">https://tools.pingdom.com/#5e0b151482000000</a>	<a href="https://tools.pingdom.com/#5e0b196fd2400000">https://tools.pingdom.com/#5e0b196fd2400000</a>
Test 8	<a href="https://tools.pingdom.com/#5e0b112e91000000">https://tools.pingdom.com/#5e0b112e91000000</a>	<a href="https://tools.pingdom.com/#5e0b156bd0c00000">https://tools.pingdom.com/#5e0b156bd0c00000</a>	<a href="https://tools.pingdom.com/#5e0b19bf7e400000">https://tools.pingdom.com/#5e0b19bf7e400000</a>
Test 9	<a href="https://tools.pingdom.com/#5e0b116b22c00000">https://tools.pingdom.com/#5e0b116b22c00000</a>	<a href="https://tools.pingdom.com/#5e0b15c06f400000">https://tools.pingdom.com/#5e0b15c06f400000</a>	<a href="https://tools.pingdom.com/#5e0b19fcaacc00000">https://tools.pingdom.com/#5e0b19fcaacc00000</a>
Test 10	<a href="https://tools.pingdom.com/#5e0b11bc26400000">https://tools.pingdom.com/#5e0b11bc26400000</a>	<a href="https://tools.pingdom.com/#5e0b1610d5400000">https://tools.pingdom.com/#5e0b1610d5400000</a>	<a href="https://tools.pingdom.com/#5e0b1a3795000000">https://tools.pingdom.com/#5e0b1a3795000000</a>
Test 11	<a href="https://tools.pingdom.com/#5e0b11fab9400000">https://tools.pingdom.com/#5e0b11fab9400000</a>	<a href="https://tools.pingdom.com/#5e0b16550d800000">https://tools.pingdom.com/#5e0b16550d800000</a>	<a href="https://tools.pingdom.com/#5e0b1a8c20c00000">https://tools.pingdom.com/#5e0b1a8c20c00000</a>
Test 12	<a href="https://tools.pingdom.com/#5e0b12530bc00000">https://tools.pingdom.com/#5e0b12530bc00000</a>	<a href="https://tools.pingdom.com/#5e0b16aea7c00000">https://tools.pingdom.com/#5e0b16aea7c00000</a>	<a href="https://tools.pingdom.com/#5e0b1ac9b6400000">https://tools.pingdom.com/#5e0b1ac9b6400000</a>
Test 13	<a href="https://tools.pingdom.com/#5e0b128eae400000">https://tools.pingdom.com/#5e0b128eae400000</a>	<a href="https://tools.pingdom.com/#5e0b170417800000">https://tools.pingdom.com/#5e0b170417800000</a>	<a href="https://tools.pingdom.com/#5e0b1b212b400000">https://tools.pingdom.com/#5e0b1b212b400000</a>

Test 14	<a href="https://tools.pingdom.com/#5e0b12ceef400000">https://tools.pingdom.com/#5e0b12ceef400000</a>	<a href="https://tools.pingdom.com/#5e0b175c8a000000">https://tools.pingdom.com/#5e0b175c8a000000</a>	<a href="https://tools.pingdom.com/#5e0b1b5d38800000">https://tools.pingdom.com/#5e0b1b5d38800000</a>
Test 15	<a href="https://tools.pingdom.com/#5e0b131cc6800000">https://tools.pingdom.com/#5e0b131cc6800000</a>	<a href="https://tools.pingdom.com/#5e0b179c67000000">https://tools.pingdom.com/#5e0b179c67000000</a>	<a href="https://tools.pingdom.com/#5e0b1bb26ec00000">https://tools.pingdom.com/#5e0b1bb26ec00000</a>

Tabell 6. Visar länkarna till de olika Pingdomtesten för formulärsidan för respektive ramverk.

Formulär	Materialize	Bootstrap	Bulma
Test 1	<a href="https://tools.pingdom.com/#5e0b54b0f3c00000">https://tools.pingdom.com/#5e0b54b0f3c00000</a>	<a href="https://tools.pingdom.com/#5e0b5bdbf4c00000">https://tools.pingdom.com/#5e0b5bdbf4c00000</a>	<a href="https://tools.pingdom.com/#5e0b62f28c800000">https://tools.pingdom.com/#5e0b62f28c800000</a>
Test 2	<a href="https://tools.pingdom.com/#5e0b551666c00000">https://tools.pingdom.com/#5e0b551666c00000</a>	<a href="https://tools.pingdom.com/#5e0b5c185f400000">https://tools.pingdom.com/#5e0b5c185f400000</a>	<a href="https://tools.pingdom.com/#5e0b633326c00000">https://tools.pingdom.com/#5e0b633326c00000</a>
Test 3	<a href="https://tools.pingdom.com/#5e0b555888400000">https://tools.pingdom.com/#5e0b555888400000</a>	<a href="https://tools.pingdom.com/#5e0b5c7bad800000">https://tools.pingdom.com/#5e0b5c7bad800000</a>	<a href="https://tools.pingdom.com/#5e0b6385c3c00000">https://tools.pingdom.com/#5e0b6385c3c00000</a>
Test 4	<a href="https://tools.pingdom.com/#5e0b559849c00000">https://tools.pingdom.com/#5e0b559849c00000</a>	<a href="https://tools.pingdom.com/#5e0b5d5826000000">https://tools.pingdom.com/#5e0b5d5826000000</a>	<a href="https://tools.pingdom.com/#5e0b63c54f800000">https://tools.pingdom.com/#5e0b63c54f800000</a>
Test 5	<a href="https://tools.pingdom.com/#5e0b55d7e8c00000">https://tools.pingdom.com/#5e0b55d7e8c00000</a>	<a href="https://tools.pingdom.com/#5e0b5dbd27400000">https://tools.pingdom.com/#5e0b5dbd27400000</a>	<a href="https://tools.pingdom.com/#5e0b641337c00000">https://tools.pingdom.com/#5e0b641337c00000</a>
Test 6	<a href="https://tools.pingdom.com/#5e0b561993c00000">https://tools.pingdom.com/#5e0b561993c00000</a>	<a href="https://tools.pingdom.com/#5e0b5dfd34c00000">https://tools.pingdom.com/#5e0b5dfd34c00000</a>	<a href="https://tools.pingdom.com/#5e0b645402c00000">https://tools.pingdom.com/#5e0b645402c00000</a>
Test 7	<a href="https://tools.pingdom.com/#5e0b56a88ac00000">https://tools.pingdom.com/#5e0b56a88ac00000</a>	<a href="https://tools.pingdom.com/#5e0b5e71dec00000">https://tools.pingdom.com/#5e0b5e71dec00000</a>	<a href="https://tools.pingdom.com/#5e0b64a7a6800000">https://tools.pingdom.com/#5e0b64a7a6800000</a>
Test 8	<a href="https://tools.pingdom.com/#5e0b573879c00000">https://tools.pingdom.com/#5e0b573879c00000</a>	<a href="https://tools.pingdom.com/#5e0b5ef62a800000">https://tools.pingdom.com/#5e0b5ef62a800000</a>	<a href="https://tools.pingdom.com/#5e0b650a90400000">https://tools.pingdom.com/#5e0b650a90400000</a>
Test 9	<a href="https://tools.pingdom.com/#5e0b57e952000000">https://tools.pingdom.com/#5e0b57e952000000</a>	<a href="https://tools.pingdom.com/#5e0b5f4fbb800000">https://tools.pingdom.com/#5e0b5f4fbb800000</a>	<a href="https://tools.pingdom.com/#5e0b6556e9400000">https://tools.pingdom.com/#5e0b6556e9400000</a>
Test 10	<a href="https://tools.pingdom.com/#5e0b582478000000">https://tools.pingdom.com/#5e0b582478000000</a>	<a href="https://tools.pingdom.com/#5e0b5ff8a3400000">https://tools.pingdom.com/#5e0b5ff8a3400000</a>	<a href="https://tools.pingdom.com/#5e0b659d69400000">https://tools.pingdom.com/#5e0b659d69400000</a>
Test 11	<a href="https://tools.pingdom.com/#5e0b589f44800000">https://tools.pingdom.com/#5e0b589f44800000</a>	<a href="https://tools.pingdom.com/#5e0b607696000000">https://tools.pingdom.com/#5e0b607696000000</a>	<a href="https://tools.pingdom.com/#5e0b65f6e7000000">https://tools.pingdom.com/#5e0b65f6e7000000</a>

Test 12	<a href="https://tools.pingdom.com/#5e0b59369d800000">https://tools.pingdom.com/#5e0b59369d800000</a>	<a href="https://tools.pingdom.com/#5e0b60b84a400000">https://tools.pingdom.com/#5e0b60b84a400000</a>	<a href="https://tools.pingdom.com/#5e0b66355e000000">https://tools.pingdom.com/#5e0b66355e000000</a>
Test 13	<a href="https://tools.pingdom.com/#5e0b597954800000">https://tools.pingdom.com/#5e0b597954800000</a>	<a href="https://tools.pingdom.com/#5e0b613bd3000000">https://tools.pingdom.com/#5e0b613bd3000000</a>	<a href="https://tools.pingdom.com/#5e0b667361800000">https://tools.pingdom.com/#5e0b667361800000</a>
Test 14	<a href="https://tools.pingdom.com/#5e0b5a363b800000">https://tools.pingdom.com/#5e0b5a363b800000</a>	<a href="https://tools.pingdom.com/#5e0b61b585000000">https://tools.pingdom.com/#5e0b61b585000000</a>	<a href="https://tools.pingdom.com/#5e0b66b011800000">https://tools.pingdom.com/#5e0b66b011800000</a>
Test 15	<a href="https://tools.pingdom.com/#5e0b5a7516000000">https://tools.pingdom.com/#5e0b5a7516000000</a>	<a href="https://tools.pingdom.com/#5e0b620ad2800000">https://tools.pingdom.com/#5e0b620ad2800000</a>	<a href="https://tools.pingdom.com/#5e0b66fab0000000">https://tools.pingdom.com/#5e0b66fab0000000</a>

Tabell 7. Visar länkarna till de olika Pingdomtesten för formulär och tabellsidan för respektive ramverk.

Tabeller och formulär	Materialize	Bootstrap	Bulma
Test 1	<a href="https://tools.pingdom.com/#5e0b420632000000">https://tools.pingdom.com/#5e0b420632000000</a>	<a href="https://tools.pingdom.com/#5e0b47baf7c00000">https://tools.pingdom.com/#5e0b47baf7c00000</a>	<a href="https://tools.pingdom.com/#5e0b4ea4b8800000">https://tools.pingdom.com/#5e0b4ea4b8800000</a>
Test 2	<a href="https://tools.pingdom.com/#5e0b428dd1800000">https://tools.pingdom.com/#5e0b428dd1800000</a>	<a href="https://tools.pingdom.com/#5e0b4808cc800000">https://tools.pingdom.com/#5e0b4808cc800000</a>	<a href="https://tools.pingdom.com/#5e0b4f08be000000">https://tools.pingdom.com/#5e0b4f08be000000</a>
Test 3	<a href="https://tools.pingdom.com/#5e0b42e14ec00000">https://tools.pingdom.com/#5e0b42e14ec00000</a>	<a href="https://tools.pingdom.com/#5e0b490162000000">https://tools.pingdom.com/#5e0b490162000000</a>	<a href="https://tools.pingdom.com/#5e0b4f4d15000000">https://tools.pingdom.com/#5e0b4f4d15000000</a>
Test 4	<a href="https://tools.pingdom.com/#5e0b4334d4400000">https://tools.pingdom.com/#5e0b4334d4400000</a>	<a href="https://tools.pingdom.com/#5e0b49694ac00000">https://tools.pingdom.com/#5e0b49694ac00000</a>	<a href="https://tools.pingdom.com/#5e0b4f8d59c00000">https://tools.pingdom.com/#5e0b4f8d59c00000</a>
Test 5	<a href="https://tools.pingdom.com/#5e0b439b36800000">https://tools.pingdom.com/#5e0b439b36800000</a>	<a href="https://tools.pingdom.com/#5e0b49b5f4800000">https://tools.pingdom.com/#5e0b49b5f4800000</a>	<a href="https://tools.pingdom.com/#5e0b4feca5400000">https://tools.pingdom.com/#5e0b4feca5400000</a>
Test 6	<a href="https://tools.pingdom.com/#5e0b43f14d000000">https://tools.pingdom.com/#5e0b43f14d000000</a>	<a href="https://tools.pingdom.com/#5e0b4a14cb000000">https://tools.pingdom.com/#5e0b4a14cb000000</a>	<a href="https://tools.pingdom.com/#5e0b504e9f800000">https://tools.pingdom.com/#5e0b504e9f800000</a>
Test 7	<a href="https://tools.pingdom.com/#5e0b444207400000">https://tools.pingdom.com/#5e0b444207400000</a>	<a href="https://tools.pingdom.com/#5e0b4a5607000000">https://tools.pingdom.com/#5e0b4a5607000000</a>	<a href="https://tools.pingdom.com/#5e0b508e49800000">https://tools.pingdom.com/#5e0b508e49800000</a>
Test 8	<a href="https://tools.pingdom.com/#5e0b4490e4800000">https://tools.pingdom.com/#5e0b4490e4800000</a>	<a href="https://tools.pingdom.com/#5e0b4ac3bac00000">https://tools.pingdom.com/#5e0b4ac3bac00000</a>	<a href="https://tools.pingdom.com/#5e0b50ec9e000000">https://tools.pingdom.com/#5e0b50ec9e000000</a>
Test 9	<a href="https://tools.pingdom.com/#5e0b44f6a8800000">https://tools.pingdom.com/#5e0b44f6a8800000</a>	<a href="https://tools.pingdom.com/#5e0b4b0b6e400000">https://tools.pingdom.com/#5e0b4b0b6e400000</a>	<a href="https://tools.pingdom.com/#5e0b51732a800000">https://tools.pingdom.com/#5e0b51732a800000</a>

Test 10	<a href="https://tools.pingdom.com/#5e0b4549ecc00000">https://tools.pingdom.com/#5e0b4549ecc00000</a>	<a href="https://tools.pingdom.com/#5e0b4b63f7c00000">https://tools.pingdom.com/#5e0b4b63f7c00000</a>	<a href="https://tools.pingdom.com/#5e0b51d81d400000">https://tools.pingdom.com/#5e0b51d81d400000</a>
Test 11	<a href="https://tools.pingdom.com/#5e0b459628000000">https://tools.pingdom.com/#5e0b459628000000</a>	<a href="https://tools.pingdom.com/#5e0b4bb14d800000">https://tools.pingdom.com/#5e0b4bb14d800000</a>	<a href="https://tools.pingdom.com/#5e0b524edb400000">https://tools.pingdom.com/#5e0b524edb400000</a>
Test 12	<a href="https://tools.pingdom.com/#5e0b45e21b400000">https://tools.pingdom.com/#5e0b45e21b400000</a>	<a href="https://tools.pingdom.com/#5e0b4c2154000000">https://tools.pingdom.com/#5e0b4c2154000000</a>	<a href="https://tools.pingdom.com/#5e0b52a058400000">https://tools.pingdom.com/#5e0b52a058400000</a>
Test 13	<a href="https://tools.pingdom.com/#5e0b464999000000">https://tools.pingdom.com/#5e0b464999000000</a>	<a href="https://tools.pingdom.com/#5e0b4cb784400000">https://tools.pingdom.com/#5e0b4cb784400000</a>	<a href="https://tools.pingdom.com/#5e0b530eb2800000">https://tools.pingdom.com/#5e0b530eb2800000</a>
Test 14	<a href="https://tools.pingdom.com/#5e0b46afb7400000">https://tools.pingdom.com/#5e0b46afb7400000</a>	<a href="https://tools.pingdom.com/#5e0b4d0836000000">https://tools.pingdom.com/#5e0b4d0836000000</a>	<a href="https://tools.pingdom.com/#5e0b535d38c00000">https://tools.pingdom.com/#5e0b535d38c00000</a>
Test 15	<a href="https://tools.pingdom.com/#5e0b472a7f000000">https://tools.pingdom.com/#5e0b472a7f000000</a>	<a href="https://tools.pingdom.com/#5e0b4d806d000000">https://tools.pingdom.com/#5e0b4d806d000000</a>	<a href="https://tools.pingdom.com/#5e0b53ae6cc00000">https://tools.pingdom.com/#5e0b53ae6cc00000</a>